HISTORIC AND DESIGN REVIEW COMMISSION

June 29, 2022

HDRC CASE NO:	**2022-336**
ADDRESS:	803 N CHERRY
LEGAL DESCRIPTION:	NCB 527 BLK 1 LOT 2 (LOOPY SUBD)
ZONING:	D, H
CITY COUNCIL DIST.:	2
DISTRICT:	Dignowity Hill Historic District
APPLICANT:	TARA LINDBERG/Dunaway Associates
OWNER:	Eric Reyna/CITY OF SAN ANTONIO
TYPE OF WORK:	Park improvements
APPLICATION RECEIVED:	June 10, 2022
60-DAY REVIEW:	Not applicable due to City Council Emergency Orders
CASE MANAGER:	Rachel Rettaliata

REQUEST:

The applicant is requesting a Certificate of Appropriateness for approval of the development of a new park at 803 N Cherry.

APPLICABLE CITATIONS:

Sec. 35-613. - Relocation of a Landmark or Property Located in a Historic District:
(a) In considering whether to recommend approval or disapproval of a certificate application to relocate a building, object or structure designated a historic landmark or located in a historic district, the historic and design review commission shall be guided by the following considerations:
(1) The historic character and aesthetic interest the building, structure or object contributes to its present setting;
(2)Whether there are definite plans for the area to be vacated and what the effect of those plans on the character of the surrounding area will be;
(3)Whether the building, structure, or object can be moved without significant damage to its physical integrity;
(4)Whether the proposed relocation area is compatible with the historical and architectural character of the building, object, or structure.
(5)Balancing the contribution of the property to the character of the historic district with the special merit of the application.
(b)Should an application to relocate a building, object or structure be approved, the historic preservation officer shall ensure that the new location is already zoned historic or shall review whether such location should be designated. (c)The historic preservation officer may approve applications for relocation for properties deemed noncontributing to the historic character of a historic district.

UDC Sec. 35-641. - Design Considerations for Historic and Design Review Commission Recommendations.
In reviewing an application, the historic and design review commission shall be aware of the importance of attempting to find a way to meet the current needs of the City of San Antonio, lessee or licensee of public property. The historic and design review commission shall also recognize the importance of recommending approval of plans that will be reasonable to implement. The best urban design standards possible can and should be employed with public property including buildings and facilities, parks and open spaces, and the public right-of-way. Design and construction on public property should employ such standards because the use of public monies for design and construction is a public trust. Public commitment to quality design should encourage better design by the private sector. Finally, using such design standards for public property improves the identity and the quality of life of the surrounding neighborhoods.

UDC Sec 35-642. – New Construction of Buildings and Facilities:
In considering whether to recommend approval or disapproval of a certificate, the historic and design review commission shall be guided by the following design considerations. These are not intended to restrict imagination, innovation or variety, but rather to assist in focusing on design principles, which can result in creative solutions that will enhance the city and its neighborhoods. Good and original design solutions that meet the individual

requirements of a specific site or neighborhood are encouraged and welcomed.

(a) Site and Setting.

(1) Building sites should be planned to take into consideration existing natural climatic and topographical features. The intrusive leveling of the site should be avoided. Climatic factors such as sun, wind, and temperature should become an integral part of the design to encourage design of site-specific facilities which reinforces the individual identity of a neighborhood and promotes energy efficient facilities.

(2) Special consideration should be given to maintain existing urban design characteristics, such as setbacks, building heights, streetscapes, pedestrian movement, and traffic flow. Building placement should enhance or create focal points and views. Continuity of scale and orientation shall be emphasized.

(3) Accessibility from streets should be designed to accommodate safe pedestrian movement as well as vehicular traffic. Where possible, parking areas should be screened from view from the public right-of-way by attractive fences, berms, plantings or other means.

(4) Historically significant aspects of the site shall be identified and if possible incorporated into the site design. Historic relationships between buildings, such as plazas or open spaces, boulevards or axial relationships should be maintained.

(b) Building Design.

(1) Buildings for the public should maintain the highest quality standards of design integrity. They should elicit a pride of ownership for all citizens. Public buildings should reflect the unique and diverse character of San Antonio and should be responsive to the time and place in which they were constructed.

(2) Buildings shall be in scale with their adjoining surroundings and shall be in harmonious conformance to the identifying quality and characteristics of the neighborhood. They shall be compatible in design, style and materials. Reproductions of styles and designs from a different time period are not encouraged, consistent with the secretary of the interior's standards. Major horizontal and vertical elements in adjoining sites should be respected.

(3) Materials shall be suitable to the type of building and design in which they are used. They shall be durable and easily maintained. Materials and designs at pedestrian level shall be at human scale, that is they shall be designed to be understood and appreciated by someone on foot. Materials should be selected that respect the historic character of the surrounding area in texture, size and color.

(4) Building components such as doors, windows, overhangs, awnings, roof shapes and decorative elements shall all be designed to contribute to the proportions and scale of their surrounding context. Established mass/void relationships shall be maintained. Patterns and rhythms in the streetscape shall be continued.

(5) Colors shall be harmonious with the surrounding environment, but should not be dull. Choice of color should reflect the local and regional character. Nearby historic colors shall be respected.

(6) Mechanical equipment or other utility hardware should be screened from public view with materials compatible with the building design. Where possible, rooftop mechanical equipment should be screened, even from above. Where feasible, overhead utilities should also be underground or attractively screened. Exterior lighting shall be an integral part of the design. Interior lighting shall be controlled so that the spillover lighting onto public walkways is not annoying to pedestrians.

(7) Signs which are out of keeping with the character of the environment in question should not be used. Excessive size and inappropriate placement on buildings results in visual clutter. Signs should be designed to relate harmoniously to exterior building materials and colors. Signs should express a simple clear message with wording kept to a minimum.

(8) Auxiliary design. The site should take into account the compatibility of landscaping, parking facilities, utility and service areas, walkways and appurtenances. These should be designed with the overall environment in mind and should be in visual keeping with related buildings, structures and places.

FINDINGS:

a. The site currently proposed for the new Dawson Park is an existing vacant lot adjacent to the Hays Street Bridge. The site is bound by Lamar to the north, N Cherry to the east, the Hays Street Bridge to the south and railroad tracks and a parking lot to the west. The new park will be 1.69 acres and will feature a playground, skate park, event space, pavilion, and signage.

b. CONCEPTUAL APPROVAL – The applicant received conceptual approval for the development of a new park and final approval to relocate the 1976 bandstand from Alamo Plaza to the new park from the HDRC on May 20, 2020, with the following stipulations:

Item 1- Relocation of the bandstand:

i. That any updates to the precise positioning of the bandstand at its new location be submitted to OHP staff for administrative review. ***The bandstand is not included in this request.***

Item 2 – Development of a new park:

i. That the applicant explores alternate locations for the restrooms currently proposed near the bandstand or explore screening options to conceal the restrooms from the bandstand. ***The bandstand is not included in this request and the restrooms have been relocated.***

c. PREVIOUS HDRC APPROVAL – Final approval to remove the bandstand from Alamo Plaza was approved by the HDRC on December 18, 2019. The applicant received approval to relocate the 1976 bandstand to the proposed Dawson Park at the HDRC on May 20, 2020. The 1976 bandstand is no longer proposed to be located in Dawson Park.

d. NEW CONSTRUCTION – The applicant has proposed to construct two (2) restroom structures on each side of the site. One (1) structure will be located on the northwest side of the site and the second structure will be located at the southeast side of the site. The structures will each total approximately 150 square feet. Restroom A will feature an accessible unisex restroom, chase, and storage, and Restroom B will feature an accessible unisex restroom and chase. The restrooms will feature a metal shed roof, board and batten Hardie-board siding, punched metal transom screen vents with pattern details, and solid doors. The mesh screen for Restroom A will feature a Parasoleil Passion Fruit pattern and the mesh screen for Restroom B will feature a Parasoleil Dawn Grille pattern. Staff finds the proposal appropriate.

e. PAVILION INSTALLATION – The applicant has proposed to install an approximately 1,200-square-foot pavilion in the northeast corner of the park in the Community Garden area. The pavilion will feature a standing seam metal shed roof that will reach a total height of approximately 15'-2." The pavilion will feature a steel structure, a decorative Lemon Drop panel from Parasoleil on the side elevations, a planter with attached cable at the rear elevation, and Douglas fir tongue-and-groove decking. Staff finds the proposal generally appropriate.

f. SIGNAGE – The applicant has proposed to install signage in the proposed park. Sign panels are currently proposed in the entry/story-telling plaza, outside of the entry plaza in the Community Story area, and along the walkway referred to as the Historic Timeline Walk. UDC Sec. 35-642(b)(7) stipulates that signs which are out of keeping with the character of the environment in question should not be used. Excessive size and inappropriate placement on buildings results in visual clutter. Signs should be designed to relate harmoniously to exterior building materials and colors. Signs should express a simple clear message with wording kept to a minimum. The applicant is currently working with the community to finalize the interpretive signage text. Staff finds the proposal to install signage generally consistent with the UDC Sec 35-642 and finds that the applicant should submit final signage design and text to staff for review by the City's Cultural Historian.

g. WALKWAYS – The applicant has proposed to install walkways throughout the proposed park and a pedestrian bridge. UDC Sec. 35-642(b)(8) states that the site should take into account the compatibility of landscaping, parking facilities, utility and service areas, walkways and appurtenances. These should be designed with the overall environment in mind and should be in visual keeping with related buildings, structures and places. Staff finds the proposal generally consistent with the UDC Sec. 35-642.

h. LIGHTING – The applicant has proposed to install pedestrian pole lights, larger light poles with 3 fixtures, and custom accent lights. The proposed accent lights will extend 9 feet in height and will feature a painted aluminum "x" pattern and perforated metal detail. Staff finds the proposal generally appropriate.

i. FENCING – The applicant has proposed to install decorative fencing between the street and play areas to provide a safe separation. The proposed fencing will total approximately 4 feet in height and feature powder-coated wire fencing in a decorative pattern with aluminum posts. Staff finds the proposal consistent with the UDC.

j. LANDSCAPING – The applicant has proposed to install new plantings, trees, and an irrigation system. The landscaping proposal includes fruit trees for the community and an urban garden with edible plants, artistic planters, and a raised garden structure. Staff finds the proposal appropriate.

k. SITE FURNISHINGS - The applicant has proposed to install park amenities such as playground equipment for three (3) playground areas, a beginner's skate park, an advanced skatepark, bench seating, a Hays St. Bridge replica and train as play equipment, picnic seating, backless benches, drinking fountains, trash and recycling receptacles, bike racks, and a bike repair station. Staff finds the proposal generally consistent with UDC Sec. 35-642.

l. ARCHAEOLOGY – The project shall comply with all federal, state, and local laws, rules, and regulations regarding archaeology, as applicable.

RECOMMENDATION:

Staff recommends approval based on findings a through l the following stipulations:

i. That the applicant submits the final interpretive signage design and text to staff for review and approval prior to the issuance of a Certificate of Appropriateness based on finding f.
ii. ARCHAEOLOGY – The project shall comply with all federal, state, and local laws, rules, and regulations regarding, as applicable.

City of San Antonio One Stop

June 23, 2022

User drawn lines

1:2,000

0 0.015 0.03 0.06 mi

0 0.0275 0.055 0.11 km

City of San Antonio GIS
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Berkley V. & Vincent M. Dawson Park (Hays Street Bridge Park)

Berkley V. & Vincent M. Dawson Park pays homage to the historic Hays Street Bridge and Dignowity Hill community. The 1.7 acre park includes a historic timeline central to the site, that begins at a Storytelling plaza which houses opportunities for visitors to learn about the bridge/the park/the community. The Garden Plaza has a custom pavilion surrounded by raised planters and tree planting that provide edible fruits/vegetables/plants to the community. A restroom building close by will house all of the garden tools and provide nearby access to a facility and a drinking fountain. Picnic table and bench seating nearby provides a nice place to eat/relax and take in the view of the adjacent bridge. Central to the site is an open green space which lends itself to many programmed opportunities. Across from it is a play area that reflects the history of the bridge, the railroad, the homes in the neighborhood and the future possibilities. A pedestrian bridge allows the green space and play space to berm down and provide opportunities for seating and play along the berms. A large feature of the site – the skatepark – has opportunities for both beginner and advanced skaters. The timeline walk provides some separation for the skaters and provides a great connection for passers by or people wanting to sit and watch the skaters. At the end of the timeline is the Bridge Plaza which has another restroom. This restroom has an adult changing table inside. The plaza has a bike repair station, bike rack, drinking fountain, another opportunity for signage and seating. This plaza surrounds the existing staircase to the bridge. Throughout the site landscape planting/turf and trees will be installed/irrigated on site. It is important to note that all trees are located specifically to avoid blocking the view of the bridge, as well as any elements with some height to them.

HAYS STREET BRIDGE PARK

100% CONSTRUCTION DOCUMENTS

SAN ANTONIO, TEXAS

APRIL 25, 2022

5835.005 BVVMD PARK

OWNER:

Parks and Recreation
The City of San Antonio
114 W. Commerce, 11th Floor
San Antonio, TX 78283

CITY COUNCIL:

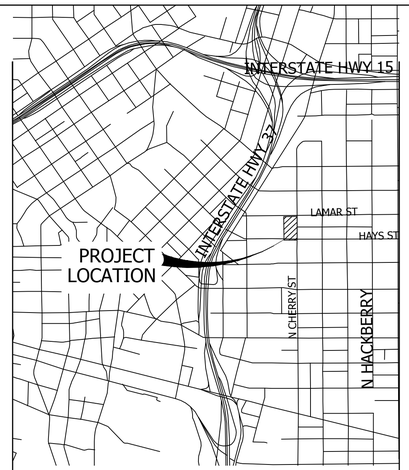
RON NIRENBERG	MAYOR
MARIO BRAVO	DISTRICT 1
JALEN MCKEE-RODRIGUEZ	DISTRICT 2
PHYLLIS VIAGRAN	DISTRICT 3
DR. ADRIANA ROCHA GARCIA	DISTRICT 4
TERI CASTILLO	DISTRICT 5
MELISSA CABELLO HAVRDA	DISTRICT 6
ANA SANDOVAL	DISTRICT 7
MANNY PELAEZ	DISTRICT 8
JOHN COURAGE	DISTRICT 9
CLAYTON PERRY	DISTRICT 10

PARKS AND RECREATION PROJECT TEAM

SANDY JENKINS
TONY FORSHAGE
ERIC REYNA
PAT SCHNEIDER

CITY OF SAN ANTONIO PARKS & RECREATION

CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT



LOCATION MAP

NORTH

SHEET INDEX:

NO.	SHEET NAME
	COVER SHEET
COSA	CITY OF SAN ANTONIO GENERAL NOTES
NOTES	GENERAL NOTES
EPIC	ENVIRONMENTAL PERMITS, ISSUES AND COMMITMENTS
L0.00	EXISTING CONDITIONS
L0.01	SITE ORIENTATION
L0.02	OVERALL SITE PLAN
L1.01	LAYOUT PLAN
L1.02	LAYOUT PLAN
L1.03	LAYOUT PLAN
L1.04	LAYOUT PLAN
L1.04A	LAYOUT PLAN - GARDEN PLAZA OPT. 1
L1.04B	LAYOUT PLAN - STORY TELLING PLAZA
L1.05	INTERPRETIVE SITE PLAN
L1.06	DIMENSION LAYOUT PLAN
L1.07	DIMENSION LAYOUT PLAN
L1.08	DIMENSION LAYOUT COORDINATES
L2.01	GRADING PLAN
L2.02	GRADING PLAN
L2.03	GRADING PLAN
L2.04	GRADING PLAN
L3.00	SHEET INDEX
L3.01	SITE DETAILS
L3.02	SITE DETAILS
L3.03	SITE FURNITURE DETAILS
L3.04	LIGHTING DETAILS
L3.05	MONUMENT DETAILS
~~L3.06~~	~~HOUSE PLAYGROUND DETAILS~~
L3.07	PLAYGROUND DETAILS
L3.08	PAVILION DETAILS
L3.09	RESTROOM DETAILS
L3.10	COMMUNITY GARDEN DETAILS
L3.11	COMMUNITY GARDEN DETAILS
L3.12	BRIDGE DETAIL
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L4.02	PLANTING PLAN
L4.03	PLANTING PLAN
L4.04	PLANTING PLAN
L4.05	PLANTING NOTES, DETAILS, & SCHEDULE
L5.01	TREE PLANTING PLAN
L5.02	TREE PLANTING PLAN
L5.03	TREE PLANTING PLAN
L5.04	TREE PLANTING PLAN
L5.05	TREE PLANTING NOTES, DETAILS, & SCHEDULE
L6.00	IRRIGATION OVERALL
L6.01	IRRIGATION PLAN
L6.02	IRRIGATION PLAN
L6.03	IRRIGATION PLAN
L6.04	IRRIGATION PLAN
L6.05	IRRIGATION NOTES & DETAILS
L6.06	IRRIGATION DETAILS
L7.01	IRRIGATION TREE PLAN
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L7.03	IRRIGATION TREE PLAN
L7.04	IRRIGATION TREE PLAN
L7.05	IRRIGATION NOTES & DETAILS
CIVIL	
L8.00	DRAINAGE PLAN
STRUCTURAL	
S0.0	DRAINAGE PLAN
S0.1	DRAINAGE PLAN
S0.2	DRAINAGE PLAN
S0.3	DRAINAGE PLAN
S1.0	DRAINAGE PLAN
S2.0	DRAINAGE PLAN
AS-01	COVER SHEET
AS-02	MASTER PLAN
AS-03	3 DIMENSIONAL IMAGES
AS-04	HORIZONTAL CONTROL PLAN
AS-05	HORIZONTAL CONTROL POINTS
AS-06	SURFACE GRADING & DRAINAGE PLAN
AS-07	COPING PLAN
AS-08	COPING PLAN
AS-09	JOINTING PLAN
AS-10	CROSS SECTIONS
AS-11	CROSS SECTIONS
AS-12	CROSS SECTIONS
AS-13	CONSTRUCTION DETAILS
AS-14	CONSTRUCTION DETAILS
AS-15	CONSTRUCTION DETAILS
AS-16	CONSTRUCTION DETAILS
AS-17	CONSTRUCTION DETAILS
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EP1.01	ELECTRICAL & PLUMBING SITE PLAN
E1.01	ENLARGED ELECTRICAL SITE PLAN
E1.02	ENLARGED ELECTRICAL SITE PLAN
E1.03	ENLARGED ELECTRICAL SITE PLAN
E1.04	ENLARGED ELECTRICAL SITE PLAN
E2.01	ELECTRICAL LEGEND, NOTES & SCHEDULES
E3.01	ELECTRICAL RISER & DETAILS
P1.01	ENLARGED PLUMBING SITE PLANS, LEGENDS, NOTES SCHEDULE & DETAILS
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U0.00	UTILITY COVER SHEET
U1.01	GENERAL NOTES
U1.02	GENERAL NOTES
U2.00	OVERALL UTILITY PLAN
U3.01	WATER SERVICE-A & IRRIGATION SERVICE-A
U3.02	WATER SERVICE-B & IRRIGATION SERVICE-B
U4.01	SEWER SERVICE LINE-A
U4.02	SEWER SERVICE LINE-B
U5.00	DETAILS

PRIME CONSULTANT/LANDSCAPE ARCHITECT/CIVIL ENGINEER/ STRUCTURAL ENGINEER

DUNAWAY

Dunaway Associates
118 Broadway, Suite 201
San Antonio, TX 78205
Tel: 210-267-5246

SKATEPARK DESIGNER

Pillar Design Studios

Pillar Design Studios, LLC
1960 W. Hawk Ct.
Chandler, AZ 85286
Tel: 888-880-5112

HISTORIC PRESERVATION CONSULTANT

CARTER • DESIGN ASSOCIATES
ARCHITECTURE • PRESERVATION • PLANNING

Carter design
817 W 11th St
Austin, TX 78701
Tel: 512-476-1812

MEP ENGINEERING

ESA Mechanical & Electrical Engineering, Inc.

ESA
1100 NW LOOP 410, SUITE 460
San Antonio, TX 78213
Tel: 210-342-3483

UTILITIES

YPR

Young Professional Recourses
8940 Fourwinds Drive, Suite 309
Windcrest, TX 78239
Tel: 210-590-9215

URBAN FARM CONSULTANT

GARDOPIA
Education Based Non-Profit Organization

Gardopia
619 N New Braunfels Ave
San Antonio, TX 78202
Tel: 210-478-7292

SURVEY

POZNECKI CAMARILLO INC

Poznecki-Camarillo, LLC
5835 Callaghan Rd, Ste. 200
San Antonio, TX 78228
Tel: 210-349-3273

100% CONSTRUCTION DOCUMENTS

GENERAL NOTES

1. ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF SAN ANTONIO STANDARD SPECIFICATIONS FOR CONSTRUCTION JUNE 2008, OR LATEST.
2. NO EXTRA PAYMENT SHALL BE ALLOWED FOR WORK CALLED FOR ON THE PLANS, BUT NOT INCLUDED IN THE BID PROPOSAL. THIS INCIDENTAL WORK WILL BE REQUIRED AND SHALL BE INCLUDED IN THE PAY ITEM TO WHICH IT RELATES.
3. THE CONTRACTOR SHALL PROVIDE ACCESS FOR THE DELIVERY OF MAIL BY THE U.S. POSTAL SERVICE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING TO ITS ORIGINAL OR BETTER CONDITION ANY DAMAGE DONE TO EXISTING FENCES, CONCRETE ISLANDS, STREET PAVING, CURBS, SHRUBS, BUSHES OR DRIVEWAYS. (NO SEPARATE PAY ITEM).
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SEE THAT ALL SIGNS AND BARRICADES ARE PROPERLY INSTALLED AND MAINTAINED. ALL LOCATIONS AND DISTANCES WILL BE DECIDED UPON IN THE FIELD BY THE CONTRACTOR, USING THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES". THE CITY'S CONSTRUCTION INSPECTOR AND TRAFFIC ENGINEERING REPRESENTATIVE WILL ONLY BE RESPONSIBLE TO INSPECT BARRICADES AND SIGNS. IF, IN THE OPINION OF THE TRAFFIC ENGINEERING REPRESENTATIVE AND THE CONSTRUCTION INSPECTOR, THE BARRICADES AND SIGNS DO NOT CONFORM TO ESTABLISHED STANDARDS OR ARE INCORRECTLY PLACED OR ARE INSUFFICIENT IN QUANTITY TO PROTECT THE GENERAL PUBLIC, THE CONSTRUCTION INSPECTOR SHALL HAVE THE OPTION TO STOP OPERATIONS UNTIL SUCH TIME AS THE CONDITIONS ARE CORRECTED.
6. IF THE NEED ARISES, ADDITIONAL BARRICADES AND DIRECTIONAL DEVICES MAY BE ORDERED BY THE TRAFFIC ENGINEERING REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
7. DUE TO FEDERAL REGULATIONS TITLE 49, PART 192.171 C.P.S. MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN THE PROJECT AREA.
8. CONTRACTOR SHALL NOTIFY THE CITY INSPECTOR TWENTY FOUR (24) HOURS PRIOR TO BACKFILL OF ANY UTILITY TRENCHES TO SCHEDULE FOR DENSITY TEST AS REQUIRED.
9. CONTRACTOR SHALL PRESERVE ALL CONSTRUCTION STAKES, MARKS, ETC. IF ANY ARE DESTROYED OR REMOVED BY THE CONTRACTOR OR HIS EMPLOYEES, THEY SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
10. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF EXISTING UTILITIES. CONTRACTOR SHALL NOTIFY THE FOLLOWING AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO EXCAVATION OPERATION:

    SAN ANTONIO WATER SYSTEM (SAWS) 233-2010
    BEXAR METROPOLITAN WATER DISTRICT (BEXAR MET) 354-6538 / 357-5741
    COSA DRAINAGE 207-8048
    COSA SIGNAL OPERATIONS 207-7720 / 207-7765
    TEXAS STATE WIDE ONE CALL LOCATOR 1-800-344-8377
    - CITY PUBLIC SERVICE ENERGY
    - TIME WARNER
    - AT&T
    - MCI

11. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES INDICATED ON THE PLANS ARE TAKEN FROM AVAILABLE RECORDS AND ARE NOT GUARANTEED, BUT SHALL BE INVESTIGATED AND VERIFIED BY THE CONTRACTOR BEFORE STARTING WORK. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY DAMAGE TO AND FOR THE MAINTENANCE AND PROTECTION OF THE EXISTING UTILITIES EVEN IF THEY ARE NOT SHOWN ON THE PLANS. LOCATION AND DEPTH OF EXISTING UTILITIES SHOWN HERE ARE APPROXIMATE ONLY. ACTUAL LOCATIONS AND DEPTHS MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION AND HE SHALL BE RESPONSIBLE FOR PROTECTION OF SAME DURING CONSTRUCTION.
12. ALL WASTE MATERIAL SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE HIS SOLE REPONSIBILITY TO DISPOSE OF THIS MATERIAL OFF THE LIMITS OF THE PROJECT. NO WASTE MATERIAL SHALL BE PLACED IN EXISTING LOWS THAT WILL BLOCK OR ALTER FLOW LIMITS OF EXISTING ARTIFICIAL OR NATURAL DRAINAGE.
13. THE CONTRACTOR SHALL NOT PLACE ANY WASTE MATERIAL IN THE 100-YEAR FLOOD PLAIN WITHOUT FIRST OBTAINING AN APPROVED FLOOD PLAIN DEVELOPMENT PERMIT.
14. THE CONTRACTOR SHALL MAINTAIN ALL ADJOINING STREETS AND TRAVELED ROUTES FREE FROM SPILLED AND / OR TRACKED CONSTRUCTION MATERIALS AND / OR DEBRIS.
15. IF THE CONTRACTOR ENCOUNTERS ANY ARCHAEOLOGICAL DEPOSITS DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR MUST STOP EXCAVATION IMMEDIATELY, CONTACT THE CITY INSPECTOR, AND CALL THE CITY HISTORIC PRESERVATION OFFICE AT 207-7306 OR 207-3327 FOR AN ARCHAEOLOGICAL INVESTIGATION. THE CONTRACTOR CANNOT BEGIN EXCAVATION AGAIN WITHOUT WRITTEN PERMISSION FROM THE CITY.
    IF MORE THAN THREE (3) DAYS ARE REQUIRED FOR INVESTIGATION (NOT INCLUDING HOLIDAY AND WEEKENDS) AND IF THE CONTRACTOR IS UNABLE TO WORK IN OTHER AREAS, THEN THE CONTRACTOR WILL BE ALLOWED TO NEGOTIATE FOR ADDITIONAL CONSTRUCTION TIME UPON WRITTEN REQUEST WITHIN TEN (10) DAYS AFTER THE FIRST NOTICE TO THE CITY OF ARCHAEOLOGICAL INVESTIGATION FOR EACH EVENT.
    IF THE TIME REQUIRED FOR INVESTIGATION IS LESS THAN OR EQUAL TO THREE (3) DAYS FOR EACH EVENT, CONTRACT DURATION WILL NOT BE EXTENDED.
16. IF SUSPECTED CONTAMINATION IS ENCOUNTERED DURING CONSTRUCTION OPERATIONS, C.O.S.A. SHALL BE NOTIFIED IMMEDIATELY WHEN CONTAMINATED SOILS AND / OR GROUNDWATER ARE ENCOUNTERED AT LOCATIONS NOT IDENTIFIED IN THE PLANS. THE NOTIFICATION SHOULD INCLUDE THE STATION NUMBER, TYPE OF CONTAMINATED MEDIA, EVIDENCE OF CONTAMINATION AND MEASURES TAKEN TO CONTAIN THE CONTAMINATED MEDIA AND PREVENT PUBLIC ACCESS. THE CONTAMINATED SOIL AND / OR GROUNDWATER SHALL NOT BE REMOVED FROM THE LOCATION WITHOUT PRIOR C.O.S.A. APPROVAL.
    THE CONTRACTOR MUST STOP THE EXCAVATION IMMEDIATELY AND CONTACT THE C.O.S.A. INSPECTOR. THE CONTRACTOR CANNOT BEGIN EXCAVATION ACTIVITIES WITHOUT WRITTEN PERMISSION FROM THE CITY.
17. CONTRACTOR IS TO INCLUDE A MAILBOX POST BLOCKOUT FOR VACANT LOTS AND ALL RESIDENCES WHICH DO NOT HAVE MAILBOXES AT THE CURB. BLOCKOUTS ARE PROVIDED FOR FUTURE USE BY THE POST OFFICE.
18. CONTRACTOR SHALL NOT REMOVE OR ADJUST ANY VIA FACILITIES. THE CONTRACTOR MUST CONTACT VIA FOURTEEN DAYS PRIOR, FOR THE REMOVAL OF BENCHES, STOP POLES OR ANY OTHER VIA FACILITIES THAT MAY BE PRESENT. PLEASE PROVIDE THIRTY DAYS PRIOR NOTICE FOR SHELTER REMOVAL (TELEPHONE NOS: (210) 362-2155 OR (210) 362-2096). THE CONTRACTOR WILL BE LIABLE FOR ANY DAMAGES TO VIA FACILITIES NOT REMOVED BY VIA. THE CONTRACTOR IS REQUIRED TO REPLACE ALL FLATWORK REMOVED OR DAMAGED IN THE COURSE OF EXECUTING THE CONTRACT UNLESS OTHERWISE NOTED BY VIA. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING VIA FACILITIES IF ADJACENT TO WORK AREA.

TREE PROTECTION AND PRESERVATION GENERAL NOTES

1. NO UTILITY OR STREET EXCAVATION WORK SHALL BEGIN IN AREAS WHERE TREE PRESERVATION AND TREATMENT MEASURES HAVE NOT BEEN COMPLETED AND APPROVED.
2. TREE PROTECTION FENCING SHALL BE REQUIRED. TREE PROTECTION FENCING SHALL BE INSTALLED, MAINTAINED AND REPAIRED BY THE CONTRACTOR DURING SITE CONSTRUCTION. DURING CONSTRUCTION ACTIVITY, AT LEAST A SIX-INCH LAYER OF COARSE MULCH SHALL BE PLACED AND MAINTAINED OVER THE ROOT PROTECTION ZONE (NO SEPARATE PAY ITEM).
3. THE CONTRACTOR SHALL AVOID CUTTING ROOTS LARGER THAN ONE INCH IN DIAMETER WHEN EXCAVATING NEAR EXISTING TREES. EXCAVATION IN THE VICINITY OF TREES SHALL PROCEED WITH CAUTION. THE CONTRACTOR SHALL CONTACT THE CITY INSPECTOR FOR GUIDANCE.
4. ROOTS WILL BE CUT WITH A ROCK SAW OR BY HAND, NOT BY AN EXCAVATOR OR OTHER ROAD CONSTRUCTION EQUIPMENT.
5. ALL CURB AND SIDEWALK WORK SHALL USE ALTERNATIVE CONSTRUCTION METHODS TO MINIMIZE EXTENSIVE ROOT DAMAGE TO TREES (REFER TO DETAILS).
6. EXPOSED ROOTS SHALL BE COVERED AT THE END OF THE DAY USING TECHNIQUES SUCH AS COVERING WITH SOIL, MULCH, OR WET BURLAP.
7. NO EQUIPMENT, VEHICLES OR MATERIALS SHALL OPERATE OR BE STORED WITHIN THE ROOT PROTECTION ZONE OF ANY TREE NEAR THE PROJECT. ROOT PROTECTION ZONE IS 1 FOOT OF RADIUS PER INCH OF TREE'S DIAMETER. A 10-INCH DIAMETER TREE WOULD HAVE A 10 FOOT RADIUS ROOT PROTECTION ZONE AROUND THE TREE. ROOTS OR BRANCHES IN CONFLICT WITH THE CONSTRUCTION SHALL BE CUT CLEANLY ACCORDING TO PROPER PRUNING METHODS. OAK WOUNDS SHALL BE PAINTED OVER WITHIN 30 MINUTES TO PREVENT OAK WILT.
8. SAPLINGS, SHRUBS OR BUSHES TO BE CLEARED FROM THE PROTECTED ROOT ZONE AREA OF A LARGE TREE SHALL BE REMOVED BY HAND AS DESIGNATED BY THE INSPECTOR.
9. NO WIRES, NAILS OR OTHER MATERIAL MAY BE ATTACHED TO PROTECTED TREES.
10. TREES, TREE LIMBS, BUSHES AND SHRUBS LOCATED IN THE CITY STREET OR ALLEY RIGHT-OF-WAY OR PERMANENT EASEMENTS WHICH INTERFERE WITH PROPOSED CONSTRUCTION ACTIVITIES SHALL BE PROPERLY PRUNED FOLLOWING THE ANSI A-300 STANDARDS FOR PRUNING. ALL TREE PRUNING SHALL BE COMPLETED BY A CITY OF SAN ANTONIO TREE MAINTENANCE LICENSED CONTRACTOR (ARTICLE 21-171, CITY CODE) ONLY AFTER APPROVAL FROM THE CAPITAL PROJECTS MANAGEMENT THROUGH THE INSPECTOR.
11. NO EXCESSIVE TREE TRIMMING WILL BE PERMITTED.
12. ALL DEBRIS GENERATED BY THE PRUNING AND TRIMMING OF THE TREES AND / OR BUSHES SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF PROPERLY (NO SEPARATE PAY ITEM).
13. TREES MUST BE MAINTAINED IN GOOD HEALTH THROUGHOUT THE CONSTRUCTION PROCESS. MAINTENANCE MAY INCLUDE, BUT NOT LIMITED TO: WATERING THE ROOT PROTECTION ZONE, WASHING FOLIAGE, FERTILIZATION, PRUNING, ADDITIONAL MULCH APPLICATIONS AND OTHER MAINTENANCE AS NEEDED ON THE PROJECT.
14. ANY TREE REMOVAL SHALL BE APPROVED BY THE CITY ARBORIST. (207-0278)
15. TREES WHICH ARE DAMAGED OR LOST DUE TO THE CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE MITIGATED TO THE CITY'S SATISFACTION.
16. TREE PLANTING FOR MITIGATION OR ENHANCEMENT: ALL PLANTED TREES SHALL BE MAINTAINED IN A HEALTHY CONDITION AT ALL TIMES. THIS INCLUDES IRRIGATION, FERTILIZING, PRUNING AND OTHER MAINTENANCE AS NEEDED ON THE PROJECT. TREES THAT DIE WITHIN TWELVE (12) MONTHS SHALL BE REPLACED WITH A TREE OF EQUAL SIZE AND SPECIES.

ACCESSIBILITY REQUIREMENTS

1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN VEHICULAR AND PEDESTRIAN ACCESS AT ALL TIMES TO LOCAL RESIDENCES AND BUSINESSES.
2. WHEN THE WORK REQUIRES THE EXCAVATION OF THE STREET AND THE REMOVAL OF THE EXISTING DRIVEWAY APPROACHES AND SIDEWALKS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY ALL-WEATHER ACCESS TO THE BUSINESSES AND RESIDENCES. THE TEMPORARY DRIVEWAY APPROACHES SHALL BE CONSTRUCTED WITH FLEXIBLE BASE OR GRAVEL MATERIAL AT NO SEPARATE COST TO THE CITY.
3. PRIOR TO INITIATING THE CONSTRUCTION OF NEW DRIVEWAY APPROACHES, THE CONTRACTOR SHALL GIVE ADVANCE WARNING IN PERSON, OR IN WRITING, OF AT LEAST 48 HOURS TO EACH RESIDENCE THAT WILL BE IMMEDIATELY AFFECTED, SO THAT ALTERNATE PLANS MAY BE MADE BY THE RESIDENTS.
4. FOR BUSINESSES WITH MORE THAN ONE DRIVEWAY, AT LEAST ONE DRIVEWAY SHALL REMAIN OPEN WHILE THE OTHER NEW DRIVEWAY APPROACHES ARE CONSTRUCTED. FOR BUSINESSES WITH ONLY ONE DRIVEWAY, THE NEW DRIVEWAY APPROACH SHALL BE CONSTRUCTED IN HALF WIDTHS, UNLESS A TEMPORARY ASPHALT DRIVEWAY IS FIRST INSTALLED AT NO SEPARATE COST TO THE CITY.

REVISIONS

NO.	DATE	DESCRIPTION

COSA GENERAL NOTES

HAYS STREET BRIDGE PARK
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JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	MLM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	COSA

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PLOTTED BY: Dennard Martinez
PLOTTED ON: Monday, May 09, 2022
PLOTTED AT: 11:56:44 AM
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GENERAL NOTES:

1. THE CONTRACTOR SHALL MAINTAIN THE ROAD IN GOOD WORKING ORDER BY PERIODICALLY ADDING CRUSHED LIMESTONE TOAD BASE MATERIAL AND GRADING TO ENSURE A SMOOTH, NON-RUTTED SURFACE. THE CONTRACTOR SHALL REPAIR THE ROAD AS REQUESTED BY THE OWNER.

2. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE OWNER AND ADJUST CONSTRUCTION ACTIVITIES, DELIVERIES, STORAGE, ETC. TO ACCOMMODATE THE OWNER'S NEEDS FOR USE OF THESE FACILITIES.

3. THE CONSTRUCTION STAGING AREA IS LOCATED _____. THE EXACT BOUNDARIES OF THE STAGING AREA WILL BE AGREED TO BY THE OWNER AND THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL SECURE THE STAGING AREA WITH A MINIMUM OF A 6' CHAIN LINK FENCE WITH LOCKABLE GATES. THE STAGING AREA SHALL BE MAINTAINED WITH A DRIVING SURFACE SUITABLE TO PREVENT EROSION.

4. UPON COMPLETION OF THE CONSTRUCTION, THE STAGING AREA SHALL BE REMOVED. THE AREA DISTURBED SHALL BE REGRADED TO PROVIDE A SMOOTH CONTOUR. ALL GRAVEL, CRUSHED LIMESTONE, ETC. SHALL BE COMPLETELY REMOVED PRIOR TO FINISH GRADING.

SITE PLAN NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION SURVEYING FOR THIS PROJECT.

2. THE CONTRACTOR, AND THEIR AGENTS, SUBCONTRACTOR, ENGINEER, OR SURVEYOR ARE COMPLETELY RESPONSIBLE FOR THE VERIFICATION OF THE ACCURACY OF THE DIMENSION CONTROL FURNISHED HEREIN. THE OWNER AND HIS AGENTS ARE NOT RESPONSIBLE FOR THE ACCURACY OF THE COORDINATES FURNISHED. THE CONTRACTOR IS REQUIRED TO VERIFY ALL THE COORDINATES FOR ACCURACY.

3. COORDINATES PROVIDED INDICATE THE DESIGN INTENT OF THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF ANY INCONSISTENCIES OR DISCREPANCIES FOUND DURING CONSTRUCTION. THE CONTRACTOR SHALL VERIFY ALL COORDINATES DURING CONSTRUCTION LAYOUT PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

4. THE CONTRACTOR SHALL REFER TO BUILDING PLANS FOR ACTUAL BUILDING DIMENSIONS AND FOR DETAILED DIMENSIONING OF ENTRANCE FEATURES.

5. WRITTEN DIMENSIONS AND COORDINATES SHALL GOVERN OVER SCALED DRAWINGS.

6. ALL IMPROVEMENTS SHALL BE STAKED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE OWNER PRIOR TO CONSTRUCTION.

7. ALL CONSTRUCTION WILL CONFORM TO CITY OF SAN ANTONIO STANDARDS AND SPECIFICATIONS.

8. ALL DIMENSIONS SHOWN ARE TO FACE OF CURB, FACE OF WALL, OR FACE OF BUILDING UNLESS OTHERWISE NOTED.

9. ALL NORTHING AND EASTING COORDINATE POINTS ARE TO BE THE CENTERPOINT, CORNER INTERSECTION, CENTER OF POLE, FENCE POST OR SIGN AND ALONG THE DESIGNATED CENTERLINES UNLESS OTHERWISE NOTED, REFER TO SHEET _____ FOR CURVE DATA & COORDINATES.

10. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF ALL SIGNS, PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL DEVICES WITH OTHER CONTRACTORS ON SITE.

11. LAYOUT AND GRADING FOR THE IMPROVEMENTS SHALL OCCUR AS DIRECTED BY THE LANDSCAPE ARCHITECT WITH THE FOLLOWING GUIDELINES:

    - ALL WALKS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% (1:48) IN THE DIRECTION OF THE DOWNHILL SIDE.
    - THE LONGITUDINAL SLOPE OF THE WALKS SHALL BE NO GREATER THAN 5% (1:20) UNLESS OTHERWISE NOTED.
    - ALL GRADES SHALL BE FINISHED TO A SMOOTH, FLOWING CONTOUR, MAINTAINING EXISTING FLOW PATTERNS UNLESS DIRECTED OTHERWISE.

12. FIRE LANE REQUIREMENTS TO BE PER CITY OF **SAN ANTONIO** STANDARDS. PAINT COLORS MAY VARY AND SHALL BE COORDINATED WITH LANDSCAPE ARCHITECT AND APPROVED BY FIRE MARSHAL PRIOR TO INSTALLATION.

13. THE CONTRACTOR SHALL VERIFY ALL BUILDING SETBACK LINES, EASEMENT LINES, AND VISIBILITY LINES IN THE FIELD PRIOR TO CONSTRUCTION.

14. TREE TRUNK LOCATIONS SHOWN ARE APPROXIMATE. IF LOCATIONS CONFLICT WITH ANY PROPOSED IMPROVEMENT, CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT FOR DIRECTION PRIOR TO ANY CONSTRUCTION.

UTILITY NOTES:

1. IN THE EVENT THAT EXISTING UTILITIES SUCH AS WATER, GAS, TELEPHONE, ELECTRIC, ETC., MUST BE TAKEN OUT OF SERVICE TO FACILITATE CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE TEMPORARY UTILITIES TO THE SATISFACTION OF THE OWNER.

2. THE CONTRACTOR SHALL USE EXTREME "CAUTION" WHEN WORKING IN AREAS ADJACENT TO GAS LINES, UNDERGROUND ELECTRIC CABLE, FIBER OPTIC CABLE AND UNDERGROUND TELEPHONE CABLE.

3. WHERE EXISTING UTILITIES OR SERVICE LINES ARE CUT, BROKEN OR DAMAGED, THE CONTRACTOR SHALL REPLACE OR REPAIR THE UTILITIES OR SERVICE LINES WITH THE SAME TYPE OF ORIGINAL MATERIAL AND CONSTRUCTION, OR BETTER, UNLESS OTHERWISE SHOWN OR NOTED ON THE PLANS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY CONFLICTS IN GRADES AND ALIGNMENT.

DEMOLITION PLAN NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION, REMOVAL, AND DISPOSING OF EXISTING STRUCTURES, UTILITIES, PAVEMENT, TREES, ETC., WITHIN CONSTRUCTION AREA, IN A LOCATION APPROVED BY ALL GOVERNING AUTHORITIES. WHERE STRUCTURES ARE TO BE REMOVED, REMOVE BUILDING AND ALL ASSOCIATED PAVING; INCLUDING ALL REINFORCING, COMPACTED SUBGRADE, FOOTING AND BASE MATERIAL TO 12" BELOW FOOTINGS, FILL AND COMPACT ALL HOLES WITH APPROVED FILL MATERIAL TO FLUSH WITH SURROUNDING GRADES. REPAIR ANY DAMAGED AREAS TO EXISTING (PRIOR TO DEMOLITION) OR BETTER CONDITIONS.

2. STATE LAW REQUIRES THAT DIG-TESS BE CONTACTED 48 HOURS PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.

3. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR DEMOLITION AND DISPOSAL,

4. PRIOR TO DEMOLITION OCCURRING, ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED.

5. ANY AND ALL ON-SITE REFUSE SHALL BE PROPERLY REMOVED AT CONTRACTOR'S EXPENSE.

6. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THESE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. PRIOR TO THE START OF ANY DEMOLITION ACTIVITY, THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES FOR ON-SITE LOCATIONS OF EXISTING UTILITIES.

7. ALL EXISTING SEWERS, PIPING AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE. VERIFY EXISTING CONDITIONS AND PROCEED WITH CAUTION AROUND ANY ANTICIPATED FEATURES. GIVE NOTICE TO ALL UTILITY COMPANIES REGARDING DESTRUCTION AND/OR REMOVAL OF ALL SERVICE LINES AND CAP ALL LINES BEFORE PROCEEDING WITH THE WORK. EXISTING UTILITIES, NOT IN USE, UNDER BUILDING FOOTPRINTS SHALL BE ABANDONED PER GEOTECHNICAL RECOMMENDATIONS.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISCONNECTION OF UTILITY SERVICES TO THE EXISTING BUILDINGS PRIOR TO DEMOLITION OF THE BUILDING.

9. CONTINUOUS ACCESS SHALL BE MAINTAINED FOR THE SURROUNDING PROPERTIES AT ALL TIMES DURING DEMOLITION OF THE EXISTING FACILITIES.

10. CONTRACTOR MAY LIMIT SAWCUT AND PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THESE CONSTRUCTION PLANS, BUT IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND REPAIR.

11. ALL FENCES REMOVED TO FACILITATE CONSTRUCTION SHALL BE REPLACED AT THE EXISTING OR PROPOSED LOCATION AS DIRECTED BY THE OWNER'S PROJECT REPRESENTATIVE.

12. AT SITES WHERE DEMOLITION WILL OCCUR AT OR NEAR A PUBLIC STREET, THE CONTRACTOR SHALL SCHEDULE CONSTRUCTION ACTIVITIES AS SOON AS POSSIBLE SO THAT EDGES OF THE PAVEMENT WILL NOT BE LEFT UNPROTECTED LONGER THAN NECESSARY.

13. IF WATER WELL(S) IS DISCOVERED, PLUG IN ACCORDANCE WITH STATE REQUIREMENTS.

14. CONTRACTOR TO VERIFY PRESENCE OF HAZARDOUS MATERIAL IN DEMOLITION OF EXISTING STRUCTURES. ANY HAZARDOUS MATERIAL TO BE REMOVED IN ACCORDANCE WITH ALL NATIONAL AND GOVERNMENTAL REGULATIONS AND BEST PRACTICES (I.E. OSHA, ASTM, ETC.).

15. REMOVE TREES: REMOVE TREES BELOW FINISH GRADE, FILL AND COMPACT ALL HOLES WITH APPROVED FILL MATERIAL TO FLUSH WITH SURROUNDING GRADES. REPAIR ANY DAMAGED AREAS TO EXISTING (PRIOR TO DEMOLITION) OR BETTER CONDITIONS.

16. REMOVE POST: REMOVE EXISTING POST, INCLUDING FOOTINGS, ATTACHMENTS, HARDWARE AND OTHER ITEMS ASSOCIATED WITH THE POST. FILL AND COMPACT ALL HOLES WITH APPROVED FILL MATERIAL TO FLUSH WITH SURROUNDING GRADES. REPAIR ANY DAMAGED AREA TO EXISTING (PRIOR TO DEMOLITION) OR BETTER CONDITIONS.

17. COORDINATE ALL DEMOLITION AND CONSTRUCTION ACTIVITIES PRIOR TO COMMENCEMENT WITH CITY STAFF TO ENSURE SAFETY OF PATRONS.

18. CONTRACTOR SHALL DETERMINE LOCATIONS AND EXTENT OF ALL EXISTING SITE UTILITIES PRIOR TO COMMENCEMENT OF WORK.

19. PROTECT IN PLACE ALL ITEMS NOT SCHEDULED FOR REMOVAL OR RELOCATION, INCLUDING VEGETATION, HOSE BIBS, AND OTHER UTILITIES.

20. ALL SPECIFIED MATERIAL TO BE REMOVED AND DISPOSED OF OFF SITE.

21. CONTRACTOR SHALL ERECT LIMITS OF WORK BARRICADES TO ALLOW PEDESTRIAN CIRCULATION TO CONTINUE UNINTERRUPTED.

22. REFERENCE DETAIL _____ ON SHEET ____ FOR TREE PROTECTION FENCING. INSTALL TREE PROTECTION FENCING BEFORE DEMOLITION COMMENCEMENT.

GRADING NOTES:

1. STRIP TOPSOIL TO A DEPTH NOT TO EXCEED 6" STOCKPILE AND REDISTRIBUTE TO GRADED AREAS ONCE ROUGH GRADING OPERATIONS ARE COMPLETE. STOCKPILE AREA TO BE APPROVED BY OWNER AND LANDSCAPE ARCHITECT PRIOR TO GRADING.

2. ALL PROPOSED GRADES INDICATED ARE FINISHED GRADES. THE PROPOSED PAVING IS SHOWN TO FINISHED GRADE AND THE CONTRACTOR IS RESPONSIBLE FOR EXCAVATING FOR IMPROVEMENTS AS PART OF THE OVERALL MASS GRADING.

3. ALL LAND FORMS AND SWALES SHALL BE GRADED TO BE A SMOOTH, FLOWING, ROUNDED SURFACE PROVIDING POSITIVE DRAINAGE AND VISUAL CONTINUITY.

4. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL CLEARED BRUSH, DEBRIS, ETC. FROM WITHIN THE LIMITS OF CONSTRUCTION. DISPOSE OF MATERIAL OFF SITE.

5. EXISTING TREES WHICH ARE TO BE PRESERVED SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. CONSTRUCTION EQUIPMENT SHALL NOT OPERATE, PARK OR BE STOPPED UNDER THE CANOPIES OF EXISTING TREES.

6. WHEN CLEARING FOR GRADING, THE CONTRACTOR SHALL COORDINATE TREE PRESERVATION WITH THE LANDSCAPE ARCHITECT AND OWNERS REPRESENTATIVE.

7. GRADING FOR THE IMPROVEMENTS SHALL OCCUR AS DIRECTED BY THE LANDSCAPE ARCHITECT WITH THE FOLLOWING GUIDELINES:

    - ALL WALKS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% (1:48) IN THE DIRECTION OF THE DOWNHILL SIDE.
    - THE LONGITUDINAL SLOPE OF THE WALKS SHALL BE NO GREATER THAN 5%. (1:20)
    - ALL GRADES SHALL BE FINISHED TO A SMOOTH, FLOWING CONTOUR, MAINTAINING EXISTING FLOW PATTERNS UNLESS DIRECTED OTHERWISE.

8. REFER TO EXISTING CONDITIONS AND REMOVAL ITEMS PLAN FOR SURVEY, BENCHMARKS, DEMOLITION, EXISTING TREE REMOVAL, AND CLEARING INFORMATION.

9. REFER TO LAYOUT SHEETS FOR LAYOUT INFORMATION.

10. REFER TO CIVIL FOR UTILITY INFORMATION.

11. CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND MARKING OF ALL EXISTING UNDERGROUND OR ABOVE GROUND UTILITIES WITHIN THE PROJECT AREA.

TREE PROTECTION NOTES:

1. A ROOT PROTECTION ZONE (RPZ) WILL BE ESTABLISHED AROUND EACH TREE TO BE PRESERVED. THE ROOT PROTECTION ZONE SHALL BE AN AREA DEFINED BY THE RADIUS EXTENDING OUTWARD FROM THE TRUNK OF THE TREE A DISTANCE OF ONE (1) LINEAR FOOT FOR EACH INCH DIAMETER INCH OF THE TREE. (I.E. A 10" TREE WILL HAVE A 10' RADIUS ROOT PROTECTION ZONE.)

2. AN **ORANGE MESH FENCE** DELINEATING THE RPZ SHALL BE ERECTED AND MAINTAINED UNTIL CONSTRUCTION IS COMPLETED.

3. WHERE CONSTRUCTION OCCURS WITHIN THE RPZ THE TREE PROTECTION FENCING IS TO BE SET 4' FROM THE NEW CONSTRUCTION.

4. TREE TRUNK PROTECTION IS REQUIRED FOR ALL TREE TRUNKS IN AREAS WHERE CONSTRUCTION OCCURS WITHIN THE ROOT PROTECTION ZONE.

5. ALL ROOTS LARGER THAN ONE-INCH DIAMETER ARE TO BE CUT CLEANLY AND OAK WOUNDS PAINTED WITH APPROVED TREE PAINT WITHIN 30 MINUTES.

6. NO EQUIPMENT, VEHICLES OR MATERIALS SHALL BE OPERATED OR STORED WITHIN THE ROOT PROTECTION ZONE.

7. NO CLEAN-OUT AREAS WILL BE CONSTRUCTED SO THAT MATERIAL WILL BE IN OR MIGRATE TO THE ROOT PROTECTION ZONE.

8. NO GRADE CHANGES MORE THAN 3" IS ALLOWED WITHIN THE ROOT PROTECTION ZONE.

3. RPZ SHALL BE SUSTAINED IN A NATURAL STATE AND SHALL BE FREE FROM VEHICULAR OR MECHANICAL TRAFFIC.

4. THE RPZ SHALL BE COVERED WITH MULCH TO REDUCE MOISTURE STRESS. **MULCH LOCATION AND AMOUNT SHALL COMPLY WITH CITY OF SAN ANTONIO UNIFIED DEVELOPMENT CODE, SECTION 35-523 (J)(1) OR AS APPROVED BY CITY ARBORIST.**

5. ROOTS OR BRANCHES IN CONFLICT WITH CONSTRUCTION SHALL BE CUT CLEANLY ACCORDING TO PROPER PRUNING METHODS. ALL OAK WOUNDS SHALL BE PAINTED WITHIN 30 MINUTES TO PREVENT OAK WILT INFECTION.

8. THE RPZ SHALL REMAIN PERVIOUS, I.E. GROUNDCOVER OR TURF AT COMPLETION OF LANDSCAPE INSTALLATION.

9. THE ASSOCIATED TREE PROTECTION DETAIL COMPLIES WITH THE MINIMUM TREE PROTECTION GUIDELINES FROM THE CITY OF SAN ANTONIO. WHERE POSSIBLE, PROVIDE FENCE TO TREE DRIP LINE OR GROUP TREES IN FENCE PERIMETER TO PROVIDE INCREASED PROTECTION.

10. SHRED (DOUBLE GRIND) TREES AND UNDERSTORY VEGETATION TO BE REMOVED FOR USE AS SHREDDED NATIVE BARK MULCH. IMPORT SHREDDED NATIVE BARK MULCH AS NECESSARY TO FULFILL THE REQUIREMENTS OF THE CONTRACT.

11. NO WORK SHALL BEGIN IN AREAS WHERE TREE PRESERVATION AND TREATMENT MEASURES HAVE NOT BEEN COMPLETED AND APPROVED.

12. TREES WHICH ARE DAMAGED OR LOST DUE TO THE CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE MITIGATED PER **UDC 35-523 (F) MITIGATION.**

13. TREES MUST BE MAINTAINED IN GOOD HEALTH THROUGHOUT THE CONSTRUCTION PROCESS. MAINTENANCE MAY INCLUDE BUT IS NOT LIMITED TO: WATERING THE ROOT PROTECTION ZONE, WASHING FOLIAGE, FERTILIZATION, PRUNING, ADDITIONAL MULCH APPLICATIONS AND OTHER MAINTENANCE AS NEEDED ON THE PROJECT.

ADJUST CODE NUMBERS PER CITY PROJECT IS LOCATED IN.

EROSION CONTROL NOTES:

1. EROSION CONTROL MEASURES SHALL FOLLOW THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). ANY CHANGES TO THE SWPPP SHALL SUPERSEDE THE EROSION CONTROL PLAN. THE SWPPP IS TO BE KEPT ON-SITE AT ALL TIMES WITH THESE CONSTRUCTION DOCUMENTS FOR COMPLIANCE WITH THE TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM (TPDES) GENERAL PERMIT.

2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS, INCLUDING THE EPA NPDES PERMIT AND NOTIFICATION.

3. SOIL EROSION AND SEDIMENT CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE CITY REGULATIONS.

4. PRIOR TO COMMENCING ANY CONSTRUCTION, A CONSTRUCTION ENTRANCE AND PERIMETER SILT FENCE SHALL BE INSTALLED AT THE LOCATION(S) SHOWN.

5. THE EROSION CONTROL PLAN WILL INCORPORATE EROSION CONTROL MEASURES AND TECHNIQUES TO PREVENT SEDIMENTATION AND ERODED SOIL FROM LEAVING THE SITE EITHER IN EXISTING STORM DRAIN SYSTEM OR ONTO ADJACENT PRIVATE OR PUBLIC PROPERTY. CONSTRUCT TEMPORARY EROSION CONTROL SYSTEMS AS SHOWN ON THE PLANS TO PROTECT ADJACENT PROPERTIES AND WATER RESOURCES FROM EROSION AND SEDIMENTATION. CONTRACTOR SHALL NOTIFY ENGINEER AT ONCE IF SITE CONDITIONS WARRANT ADDITIONAL EROSION CONTROL MEASURES. CONTRACTOR IS RESPONSIBLE FOR TAKING IMMEDIATE ACTION TO REMEDY EROSION CONTROL WHILE ENGINEER IS PREPARING RESPONSE.

6. THE STABILIZED CONSTRUCTION ENTRANCE HAS BEEN SHOWN ARBITRARILY. IT IS THE GENERAL CONTRACTOR'S CHOICE (IN COMPLIANCE WITH ALL MUNICIPAL REGULATIONS) TO DETERMINE THE LOCATION(S) OF PROJECT INGRESS/EGRESS POINTS. HOWEVER ALL ENTRANCES AT ALL TIMES SHALL BE PREPARED IN ACCORDANCE WITH THE STABILIZED CONSTRUCTION ENTRANCE DETAILS (SEE EROSION CONTROL DETAILS) AND CONTINUOUSLY MAINTAINED UNTIL FINAL PAVING IS ESTABLISHED.

7. THE RESPONSIBILITY FOR INSTALLATION, ROUTINE INSPECTION AND MAINTENANCE OF EROSION CONTROL SHOULD BE DEFINED AND ASSIGNED TO APPROPRIATE PERSONS(S) PRIOR TO COMMENCEMENT OF ANY SOIL DISTURBANCE TAKING PLACE. DURING ROUTINE INSPECTIONS, DAMAGED OR INOPERATIVE DEVICES SHALL BE REPLACED IMMEDIATELY.

8. IN ORDER TO MINIMIZE EROSION CONTROL PROBLEMS, THE GENERAL CONTRACTOR SHALL COORDINATE WITH EXCAVATOR, LANDSCAPE, AND IRRIGATION CONTRACTOR TO DETERMINE EARLIEST POSSIBLE DATE TO INSTALL GRASSING AS NOTED ON THE LANDSCAPE PLAN.

9. THE SPECIFIC PLANT MATERIALS PROPOSED TO PROTECT FILL AND EXCAVATED SLOPES SHALL BE AS INDICATED ON THE LANDSCAPE PLANS. PLANT MATERIALS MUST BE SUITABLE FOR USE UNDER LOCAL CLIMATE AND SOIL CONDITIONS. IN GENERAL, HYDROSEEDING OR SODDING BERMUDA GRASS IS ACCEPTABLE DURING THE SUMMER MONTHS (MAY 1 - AUGUST 30). WINTER RYE OR FESCUE GRASS MAY BE PLANTED DURING TIMES OTHER THAN THE SUMMER MONTHS AS A TEMPORARY MEASURE UNTIL SUCH TIME AS THE PERMANENT PLANTING CAN BE MADE.

10. TEMPORARY INLET PROTECTION TO BE REMOVED OR ADDED BASED ON EXISTING STORM SEWER REMOVAL AND/OR PROPOSED STORM SEWER CONSTRUCTION. AS INLETS ARE COMPLETED, TEMPORARY SEDIMENT BARRIERS SHALL BE INSTALLED.

11. AT THE COMPLETION OF THE PAVING AND FINAL GRADING, THE DISTURBED AREA(S) SHALL BE VEGETATED IN ACCORDANCE WITH THE PLANS.

12. IN THE EVENT OF A SILT FENCE FAILURE, THE CONTRACTOR SHALL PROVIDE STREET CLEANING ON ADJACENT STREETS AS NECESSARY TO REMOVE EARTHEN MATERIALS CONVEYED FROM THE CONSTRUCTION AREA.

13. THE CONTRACTOR SHALL CONSTRUCT THE WASH-OUT PIT AND CONTAINMENT BASIN IN ACCORDANCE WITH THE STORM WATER POLLUTION PREVENTION PLAN. WHEEL WASHING EQUIPMENT SHALL BE USED TO REMOVE EARTHEN MATERIALS FROM WHEELS OF VEHICLES EXITING THE CONSTRUCTION SITE.

14. SILT FENCE AND INLET SEDIMENT BARRIERS SHALL REMAIN IN PLACE UNTIL VEGETATION HAS BEEN ESTABLISHED.

15. DISTURBED AREAS THAT ARE SEEDED OR SODDED SHALL BE CHECKED PERIODICALLY TO SEE THAT GRASS COVERAGE IS PROPERLY MAINTAINED. DISTURBED AREAS SHALL BE WATERED, FERTILIZED, AND RE-SEEDED OR SODDED, IF NECESSARY.

16. ADEQUATE MEASAURES SHALL BE TAKEN TO PREVENT EROSION. IN THE EVENT THAT EROSION OCCURS AS A RESULT OF CONSTRUCTION, THE CONTRACTOR SHALL RESTORE THE ERODED AREA TO ORIGINAL CONDITION PRIOR TO HYDROMULCHING OR SODDING.

17. THE CONTRACTOR SHALL STABILIZE THE EARTHEN SLOPE AREAS IN ACCORDANCE WITH THE LANDSCAPE PLAN WITHIN 72 HOURS AFTER FINAL GRADE AND TOPSOIL HAS BEEN ESTABLISHED. STABILIZED SLOPES (CURLEX BLANKET AND 70% COVER OF VEGETATION) ACHIEVING EROSION FREE CONDITIONS MUST BE IN PLACE AND EFFECTIVE BY THE PROJECT "POSSESSION DATE".

18. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EROSION CONTROL MEASURES ONCE FINAL GROUND STABILIZATION IS ACHIEVED.

REVISIONS

NO.	DATE	DESCRIPTION

GENERAL NOTES

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DESIGNED BY:	TLL
DRAWN BY:	MLM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022

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PLOTTER PATH: ...Adobe PDF.pc3

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I. STORMWATER POLLUTION PREVENTION–CLEAN WATER ACT SECTION 402

Texas Pollutant Discharge Elimination System (TPDES) TXR 150000: Stormwater Discharge Permit or Construction General Permit (CGP) required for projects with 1 or more acres distrubed soil. Projects with any disturbed soil must protect for erosion and sedimentation in accordance with Item 540.

☐ No Action Required ☒ Required Action

Action No.

1. Prevent stormwater pollution by controlling erosion and sedimentation in accordance with TPDES Permit TXR 150000.
2. Comply with the Storm Water Pollution Prevention Plan (SW3P) and revise when necessary to control pollution or required by the Engineer.
3. Post Construction Site Notice (CSN) with SW3P information on or near the site, accessible to the public and Texas Commission on Environmental Quality (TCEQ), Environmental Protection Agency (EPA) or other inspectors.
4. When Contractor project specific locations (PSL's) increase disturbed soil area to 5 acres or more, Contractor shall submit Notice of Intent (NOI) to TCEQ and the COSA Inspector.
5. SW3P inspections shall be conducted by a P.E. or a certified storm water inspector [see COSA Ordinance No. 2012–02–14–0123, See 34–805(q)]
6. NOI required: Yes ☐ No ☒

Note: If amount of soil disturbance changes, permit requirements may change.

II. WORK IN OR NEAR STREAMS, WATERBODIES AND WETLANDS CLEAN WATER ACT SECTIONS 401 AND 404

US Army Corps of Engineers (USACE) Permit required for filling, dredging, excavating or other work in any potential USACE jurisdictional water, such as, rivers, creeks, streams, or wetlands.

The Contractor shall adhere to all of the terms and conditions associated with the following permit(s):

☒ No Permit Required
☐ Nationwide Permit (NWP) 14 – Pre–construction Notice (PCN) not Required
☐ Nationwide Permit 14 – PCN Required
☐ Individual 404 Permit Required
☐ Other Nationwide Permit Required: NWP# _____

Required Actions: List waters of the US permit applies to, location in project and check Best Management Practices (BMPs) planned to control erosion, sedimentation and post–project total suspended solids (TSS).

1.
2.
3.
4.

401 Best Management Practices: (Not applicable if no USACE permit)

Erosion	Sedimentation	Post–Construction TSS
☐ Temporary Vegetation	☐ Silt Fence	☐ Vegetative Filter Strips
☐ Blankets/Matting	☐ Rock Berm	☐ Retention/Irrigation Systems
☐ Mulch	☐ Triangular Filter Dike	☐ Extended Detention Basin
☐ Sodding	☐ Sand Bag Berm	☐ Constructed Wetlands
☐ Interceptor Swale	☐ Straw Bale Dike	☐ Wet Basin
☐ Diversion Dike	☐ Brush Berms	☐ Erosion Control Compost
☐ Erosion Control Compost	☐ Erosion Control Compost	☐ Mulch Filter Berm and Socks
☐ Mulch Filter Berm and Socks	☐ Mulch Filter Berm and Socks	☐ Compost Filter Berm and Socks
☐ Compost Filter Berm and Socks	☐ Compost Filter Berm and Socks	☐ Vegetation Lined Ditches
	☐ Stone Outlet Sediment Traps	☐ Sand Filter Systems
	☐ Sediment Basins	☐ Sedimentation Chambers
		☐ Grassy Swales

III. CULTURAL RESOURCES

Cultural resources fall under the Antiquities Code of Texas and/or the National Historic Preservation Act, as amended in 1996. If a previously unidentified archeological site is encountered during construction work, activities should be immediately stopped in the vicinity and the City Archeologist (210–207–5421 or 210–207–7306) notified and/or the SHPO.

☐ No Action Required ☒ Required Action

Action No.

1. If a historic resource (concrete stamp, carriage block, metal fixture, tile, masonry, etc.) is found that is not in the plans or has not been previously assessed, contact PWD EMD immediately– (210–207–1454)
2.
3.
4.

IV. VEGETATION RESOURCES

Preserve native vegetation to the extent practical. Contractor must adhere to Construction Specification Requirements Specs 162,164, 192, 193, 506, 730, 751, 752 in order to comply with requirements for invasive species, beneficial landscaping, and tree/brush removal commitments.

☐ No Action Required ☒ Required Action

Action No.

1. Ensure that a tree permit is in place for this project, if required.
2. Follow the tree preservation/mitigation plan provided in the design plan set. If there are any questions or concerns, please contact the City Arborist at 207–0278, before any work begins.
3.
4.

V. FEDERAL LISTED, PROPOSED THREATENED, ENDANGERED SPECIES, CRITICAL HABITAT, STATE LISTED SPECIES, CANDIDATE SPECIES AND MIGRATORY BIRDS.

☐ No Action Required ☒ Required Action

Action No.

1. MIGRATORY BIRD NESTS: Schedule construction activities as needed to meet the following requirements:

   A. Do not remove or destroy any active migratory bird nests (nests containing eggs and/or flightless birds) at any time of year. If there are any active nests, they shall not be removed until the nests become inactive.

   B. On/in structures, if there are any active nests, they shall not be removed until all nests become inactive. After inactive nests are removed and/or before nest activity begins, deterrent materials may be applied to the structures to prevent future nest building.

2. Deterrent material should be place (and maintained) after October 1 or before February 15.
3. the preferred nesting season for migratory birds is from February 15 through October 1. When practicable, schedule construction operations outside of the preferred nesting season.
4.

If any of the listed species are observed, cease work in the immediate area, do not disturb species or habitat and contact the COSA Inspector immediately. The work may not remove active nests from bridges and other structures during nesting season of the birds associated with the nests. If caves or sinkholes are discovered, cease work in the immediated area, and contact the COSA Inspector immediately.

VI. HAZARDOUS MATERIALS OR CONTAMINATION ISSUES

General (applies to all projects):

Comply with the Hazard Communication Act (the Act) for personnel who will be working with hazardous materials by conducting safety meetings prior to beginning construction and making workers aware of potential hazards in the workplace. Ensure that all workers are provided with personal protective equipment appropiate for any hazardous materials used.

Obtain and keep on–site Material Safety Data Sheets (MSDS) for all hazardous products used on the project, which may include, but are not limited to the following categories: Paints, acids, solvents, asphalt products, chemical additives, fuels and concrete curing compounds or additives. Provide protected storage, off bare ground and covered, for products which may be hazardous. Maintain product labelling as required by the Act.

Maintain an adequate supply of on–site spill response materials, as indicated in the MSDS. In the event of a spill, take actions to mitigate the spill as indicated in the MSDS, in accordance with safe work practices, and contact the COSA Inspector immediately. The Contractor shall be responsible for the proper containment and cleanup of all product spills.

Contact the COSA Inspector if any of the follwing are detected:

* Dead or distressed vegetation (not identified as normal)
* Trash piles, drums, canister, barrels, etc.
* Undesirable smells or odors
* Evidence of leaching or seepage of substances

Hazardous Materials or Contamination Issues Specific to this Project:

☒ No Action Required ☐ Required Action

Action No.

1.
2.
3.

Does the project involve the demolition of a span bridge?

☐ Yes ☒ No (No further action required)

If "Yes", a pre– demolition notification must be submitted to the Texas Department of State Health Services. The contractor shall contact the Project Engineer 25 calendar days prior to the demolition of the bridges(s) on the project to assist with the notification.

VII. OTHER ENVIRONMENTAL ISSUES

(includes regional issues such as Edwards Aquifer District, etc.)

☒ No Action Required ☐ Required Action

Action No.

1.
2.
3.

Hays Street Park
January 2022

ENVIRONMENTAL PERMITS, ISSUES AND COMMITMENTS

EPIC

FILE: epic 2015–10–09 SAT.dgn	DN: TxDOT	CK: TxDOT	DW: BW	CK: GAG		
©TxDOT OCTOBER 2015	CONT	SECT	JOB		HIGHWAY	
REVISIONS						
	DIST	COUNTY			SHEET NO.	

NORTH CHERRY STREET

LAMAR STREET

HAYS STREET BRIDGE (RAMP)

HAYS STREET BRIDGE

L.O.W

LX.01

LX.02

LX.03

LX.04

NORTH

GRAPHIC SCALE

0 20 40

1 inch = 20'

REVISIONS

NO.	DATE	DESCRIPTION

SITE ORIENTATION PLAN

HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.3246
(TX REG: F-11141)

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Bryan Kye Mask
L.A.# 2369

JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	MLM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L0.01

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PLOTTED ON: Monday, April 25, 2022
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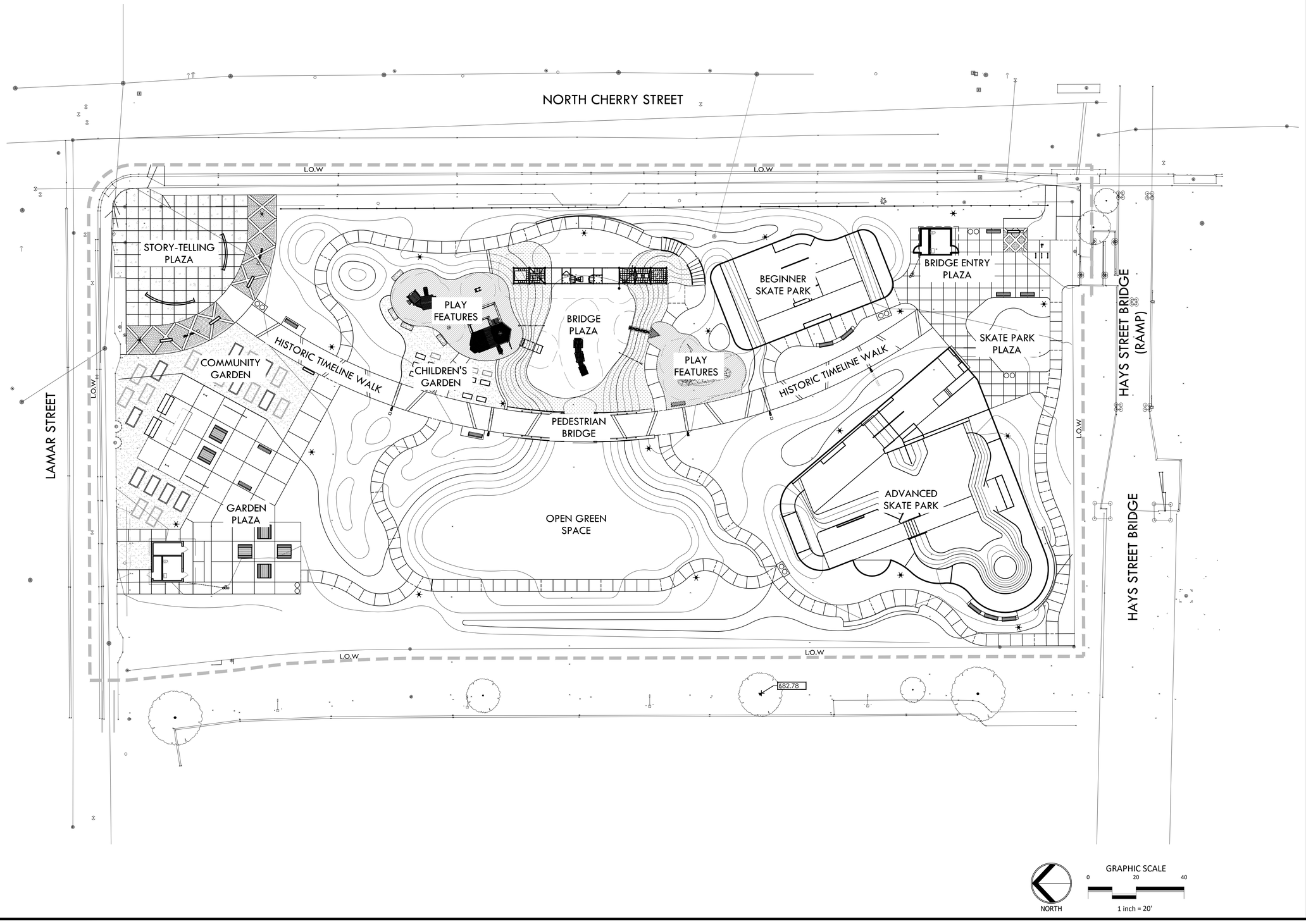

REVISIONS

NO.	DATE	DESCRIPTION

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG: F-11141)

OVERALL SITE PLAN

HAYS STREET BRIDGE PARK
SAN ANTONIO, TEXAS

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CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L0.02

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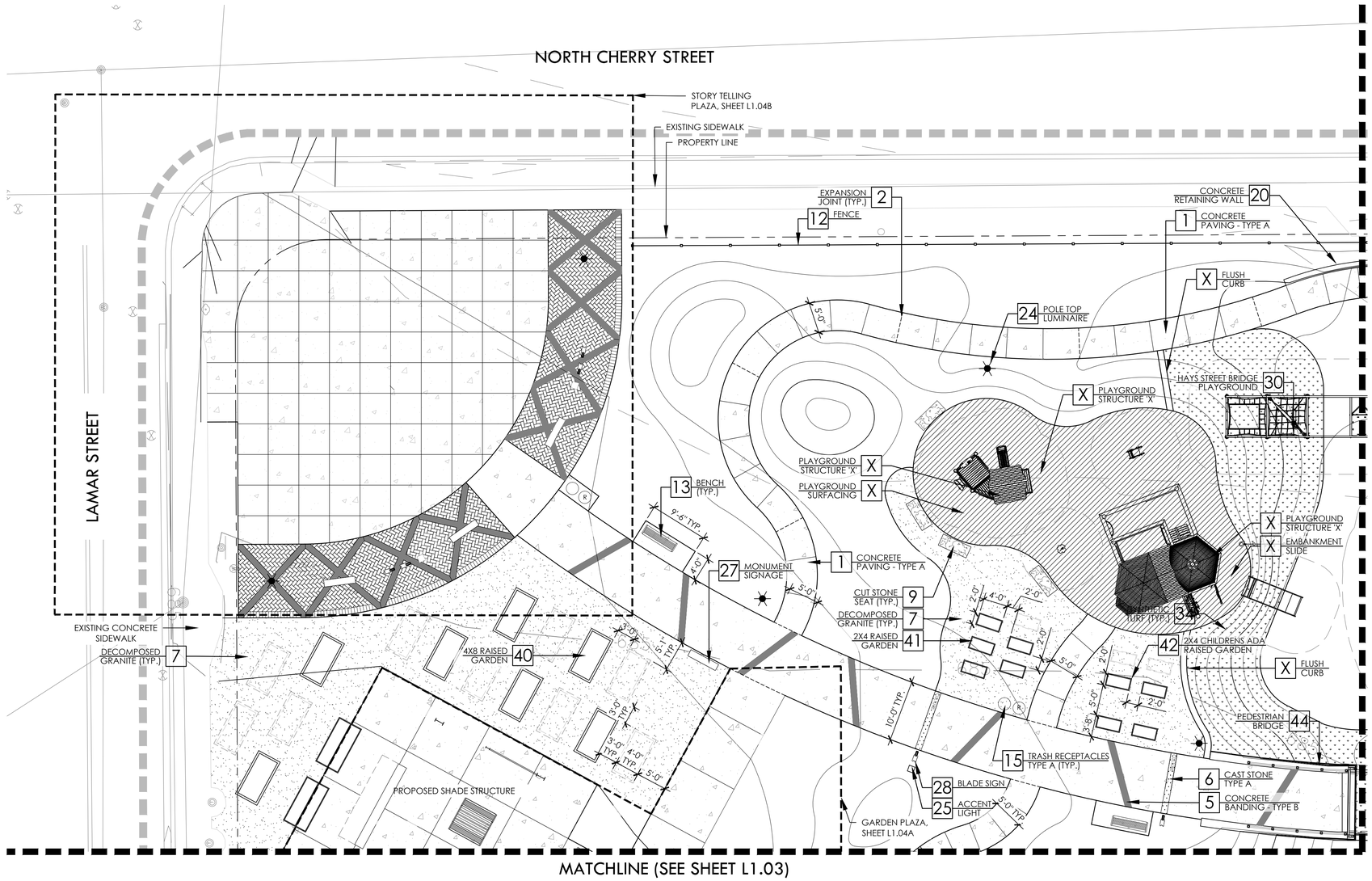

LEGEND

- PROPERTY LINE
- LIMIT OF WORK
- EXPANSION JOINT
- LIGHT POLE
- RAISED GARDEN PLANTER
- FUTURE RAISED GARDEN PLANTER

CONSTRUCTION KEY

KEY	DESCRIPTION	DETAIL NO:	DETAIL SHEET:
1	4" CONCRETE PAVING	A	L3.01
2	EXPANSION JOINT	B	L3.01
3	4" CONCRETE PAVING @ EXISTING	C	L3.01
4	PAVERS @ CONCRETE	D	L3.01
5	CONCRETE BANDING	E	L3.01
6	CAST STONE	F	L3.01
7	DECOMPOSED GRANITE	G	L3.01
8	CONCRETE SEAT WALL	H	L3.01
9	CUT STONE SEAT	I	L3.01
10	BIKE REPAIR STATION	A	L3.02
11	BIKE RACK	B	L3.02
12	FENCE	C	L3.02
13	BENCH	D	L3.02
14	ADA PICNIC TABLE	E	L3.02
15	TRASH RECEPTACLE	F	L3.02
16	DRINKING FOUNTAIN	G	L3.02
17	BACKLESS BENCH	H	L3.02
18	ENTRY BENCHES	A	L3.03
19	ARTISTIC PLANTER	C	L3.03
20	CONCRETE RETAINING WALL	E	L3.03
21	CONCRETE STEPS	F	L3.03
22	HANDRAIL AT STEP	G	L3.03
23	3 FIXTURE LIGHT POLE CAP	A	L3.04
24	POLE TOP LUMINARE	C	L3.04
25	ACCENT LIGHT	E	L3.04
26	PAVILION LIGHT	F	L3.04
27	MONUMENT SIGNAGE	A	L3.05
28	BLADE SIGN	F	L3.05
29	PLAYGROUND	A	L3.06
30	HAYS STREET BRIDGE PLAYGROUND	A	L3.07
31	TRAIN PLAYGROUND	B	L3.07
32	PLAYGROUND SURFACE	C	L3.07
33	PLAYGROUND SURFACE @ WALK	D	L3.07
34	SYNTHETIC TURF	E	L3.07
35	PAVILION	D	L3.08
36	STANDING SEAM ROOF	F	L3.08
37	PLANTER W/ CABLE	E	L3.08
38	RESTROOM A	B	L3.09
39	RESTROOM B	E	L3.09
40	4X8 RAISED GARDEN	A	L3.10
41	2X4 RAISED GARDEN	G	L3.10
42	2X4 CHILDREN ADA RAISED GARDEN	A	L3.11
43	ADA RAISED GARDEN STRUCTURE	D	L3.11
44	PEDESTRIAN BRIDGE	A	L3.12
45	HARDWOOD BARK MULCH	B	L4.05

NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS

NO.	DATE	DESCRIPTION

LAYOUT PLAN

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG. F-1114)

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JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	MMP
CHECKED BY:	BKM
DATE:	AUGUST 25, 2022
SHEET:	L1.01

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PLOTTED BY: Matthew Mata
PLOTTED ON: Wednesday, June 08, 2022
PLOTTED AT: 11:14:41 AM
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NORTH CHERRY STREET

EXISTING SIDEWALK
PROPERTY LINE

20 CONCRETE RETAINING WALL
1 CONCRETE PAVING - TYPE A
12 FENCE
24 POLE TOP LUMINAIRE
4" CONCRETE PAVING @ EXISTING 3
CONCRETE PAVING - TYPE A 1
48'-8"
MONUMENT SIGNAGE 27
2 EXPANSION JOINT (TYP.)
22 HAND RAIL AT STEPS
21 CONCRETE STEPS
PLANTING AREA
PAVERS @ CONCRETE 4
CONCRETE BANDING - TYPE B 5
10 BIKE REPAIR STATION
11 BIKE RACK
30 HAYS STREET BRIDGE PLAYGROUND
SKATEPARK
REF. SKATEPARK AS SHEETS
RESTROOM B 39
DRINKING FOUNTAIN 16
1 CONCRETE PAVING - TYPE A
BACKLESS BENCH 17
CONCRETE SEAT WALL 8
BENCH (TYP.) 13
EMBANKMENT SLIDE X
SYNTHETIC TURF (TYP.) 34
PLANTING
5 CONCRETE BANDING - TYPE B
31 TRAIN PLAYGROUND
DRAINAGE, REF. CIVIL SHEETS
1 CONCRETE PAVING - TYPE A
DRAINAGE, REF. CIVIL SHEETS
44 PEDESTRIAN BRIDGE
6 CAST STONE TYPE A
28 BLADE SIGN
25 ACCENT LIGHT
TRASH RECEPTACLES TYPE A (TYP.) 15
DRAINAGE, REF. CIVIL SHEETS
SKATEPARK
REF. SKATEPARK AS SHEETS
28 BLADE SIGN

MATCHLINE (SEE SHEET L1.01)

MATCHLINE (SEE SHEET L1.04)

LEGEND

- PROPERTY LINE
- LIMIT OF WORK
- EXPANSION JOINT
- LIGHT POLE
- RAISED GARDEN PLANTER
- FUTURE RAISED GARDEN PLANTER

CONSTRUCTION KEY

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1	4" CONCRETE PAVING	A	L3.01
2	EXPANSION JOINT	B	L3.01
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4	PAVERS @ CONCRETE	D	L3.01
5	CONCRETE BANDING	E	L3.01
6	CAST STONE	F	L3.01
7	DECOMPOSED GRANITE	G	L3.01
8	CONCRETE SEAT WALL	H	L3.01
9	CUT STONE SEAT	I	L3.01
10	BIKE REPAIR STATION	A	L3.02
11	BIKE RACK	B	L3.02
12	FENCE	C	L3.02
13	BENCH	D	L3.02
14	ADA PICNIC TABLE	E	L3.02
15	TRASH RECEPTACLE	F	L3.02
16	DRINKING FOUNTAIN	G	L3.02
17	BACKLESS BENCH	H	L3.02
18	ENTRY BENCHES	A	L3.03
19	ARTISTIC PLANTER	C	L3.03
20	CONCRETE RETAINING WALL	E	L3.03
21	CONCRETE STEPS	F	L3.03
22	HANDRAIL AT STEP	G	L3.03
23	3 FIXTURE LIGHT POLE CAP	A	L3.04
24	POLE TOP LUMINARE	C	L3.04
25	ACCENT LIGHT	E	L3.04
26	PAVILION LIGHT	F	L3.04
27	MONUMENT SIGNAGE	A	L3.05
28	BLADE SIGN	F	L3.05
29	PLAYGROUND	A	L3.06
30	HAYS STREET BRIDGE PLAYGROUND	A	L3.07
31	TRAIN PLAYGROUND	B	L3.07
32	PLAYGROUND SURFACE	C	L3.07
33	PLAYGROUND SURFACE @ WALK	D	L3.07
34	SYNTHETIC TURF	E	L3.07
35	PAVILION	D	L3.08
36	STANDING SEAM ROOF	F	L3.08
37	PLANTER W/ CABLE	E	L3.08
38	RESTROOM A	B	L3.09
39	RESTROOM B	E	L3.09
40	4X8 RAISED GARDEN	A	L3.10
41	2X4 RAISED GARDEN	G	L3.10
42	2X4 CHILDREN ADA RAISED GARDEN	A	L3.11
43	ADA RAISED GARDEN STRUCTURE	D	L3.11
44	PEDESTRIAN BRIDGE	A	L3.12
45	HARDWOOD BARK MULCH	B	L4.05

NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS

NO.	DATE	DESCRIPTION

LAYOUT PLAN

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

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JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	MMP
CHECKED BY:	BKM
DATE:	AUGUST 25, 2022
SHEET:	L1.02

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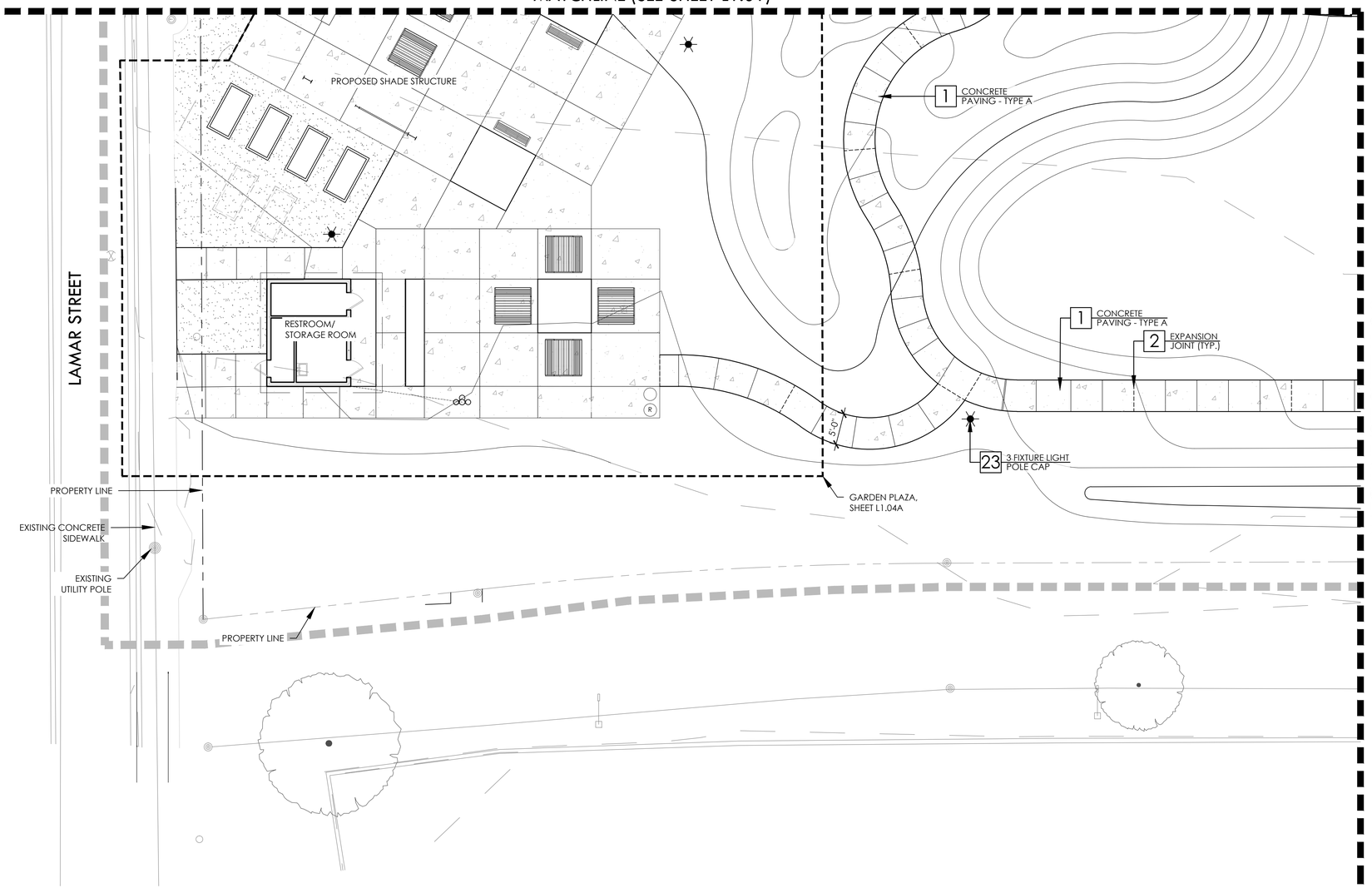

LEGEND

- PROPERTY LINE
- LIMIT OF WORK
- EXPANSION JOINT
- LIGHT POLE
- RAISED GARDEN PLANTER
- FUTURE RAISED GARDEN PLANTER

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22	HANDRAIL AT STEP	G	L3.03
23	3 FIXTURE LIGHT POLE CAP	A	L3.04
24	POLE TOP LUMINARE	C	L3.04
25	ACCENT LIGHT	E	L3.04
26	PAVILION LIGHT	F	L3.04
27	MONUMENT SIGNAGE	A	L3.05
28	BLADE SIGN	F	L3.05
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43	ADA RAISED GARDEN STRUCTURE	D	L3.11
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45	HARDWOOD BARK MULCH	B	L4.05

NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS

NO.	DATE	DESCRIPTION

LAYOUT PLAN

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
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DATE:	AUGUST 25, 2022
SHEET:	L1.03

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PLOTTED ON: Wednesday, June 08, 2022
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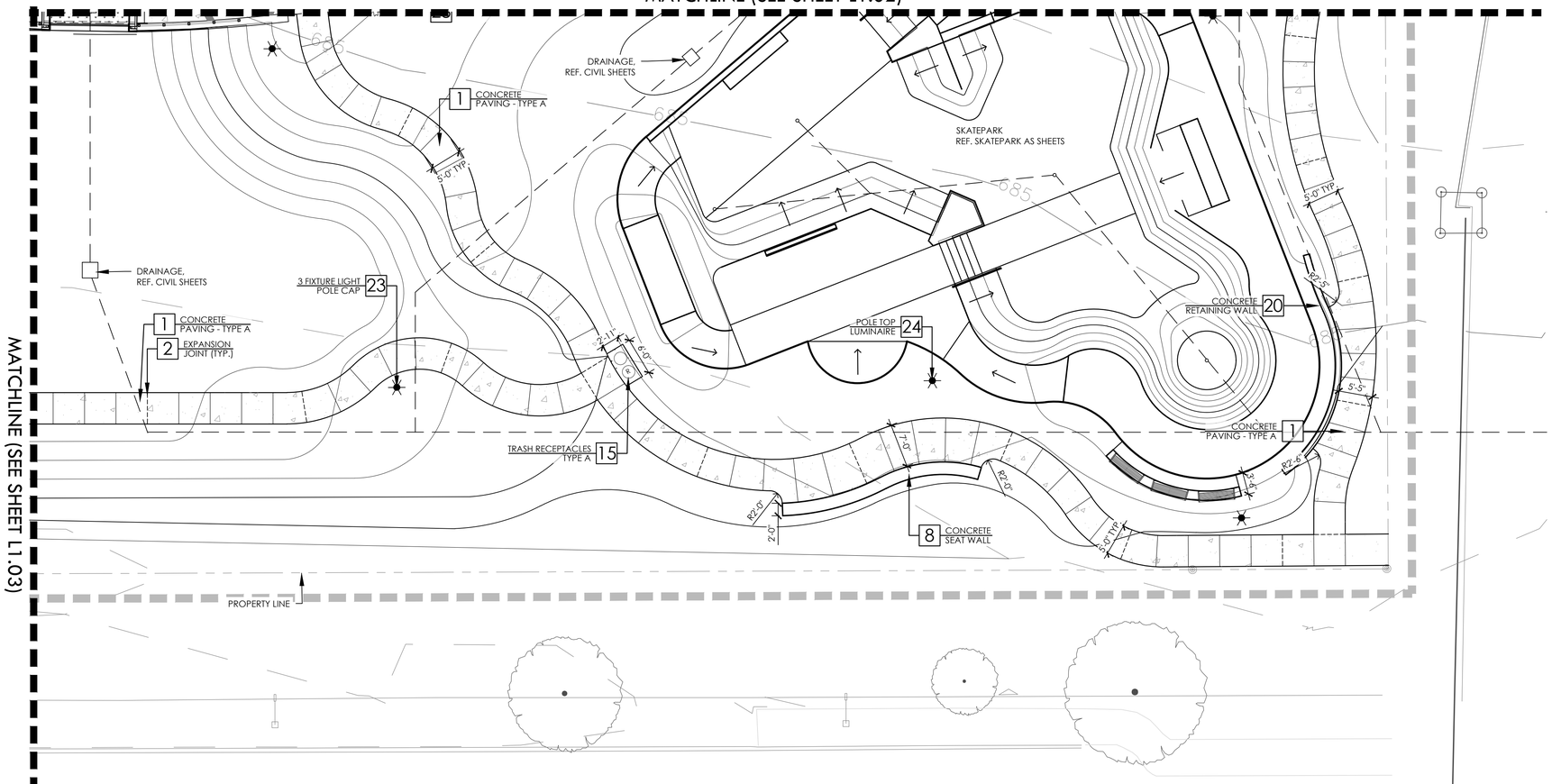

LEGEND

- PROPERTY LINE
- LIMIT OF WORK
- EXPANSION JOINT
- LIGHT POLE
- RAISED GARDEN PLANTER
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CONSTRUCTION KEY

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14	ADA PICNIC TABLE	E	L3.02
15	TRASH RECEPTACLE	F	L3.02
16	DRINKING FOUNTAIN	G	L3.02
17	BACKLESS BENCH	H	L3.02
18	ENTRY BENCHES	A	L3.03
19	ARTISTIC PLANTER	C	L3.03
20	CONCRETE RETAINING WALL	E	L3.03
21	CONCRETE STEPS	F	L3.03
22	HANDRAIL AT STEP	G	L3.03
23	3 FIXTURE LIGHT POLE CAP	A	L3.04
24	POLE TOP LUMINARE	C	L3.04
25	ACCENT LIGHT	E	L3.04
26	PAVILION LIGHT	F	L3.04
27	MONUMENT SIGNAGE	A	L3.05
28	BLADE SIGN	F	L3.05
29	PLAYGROUND	A	L3.06
30	HAYS STREET BRIDGE PLAYGROUND	A	L3.07
31	TRAIN PLAYGROUND	B	L3.07
32	PLAYGROUND SURFACE	C	L3.07
33	PLAYGROUND SURFACE @ WALK	D	L3.07
34	SYNTHETIC TURF	E	L3.07
35	PAVILION	D	L3.08
36	STANDING SEAM ROOF	F	L3.08
37	PLANTER W/ CABLE	E	L3.08
38	RESTROOM A	B	L3.09
39	RESTROOM B	E	L3.09
40	4X8 RAISED GARDEN	A	L3.10
41	2X4 RAISED GARDEN	G	L3.10
42	2X4 CHILDREN ADA RAISED GARDEN	A	L3.11
43	ADA RAISED GARDEN STRUCTURE	D	L3.11
44	PEDESTRIAN BRIDGE	A	L3.12
45	HARDWOOD BARK MULCH	B	L4.05

NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS

NO.	DATE	DESCRIPTION

LAYOUT PLAN

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG. F-1114)

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

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Bryan Kye Mask
L.A.# 2369

JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	MMP
CHECKED BY:	BKM
DATE:	AUGUST 25, 2022
SHEET:	L1.04

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PLOTTED ON: Wednesday, June 08, 2022
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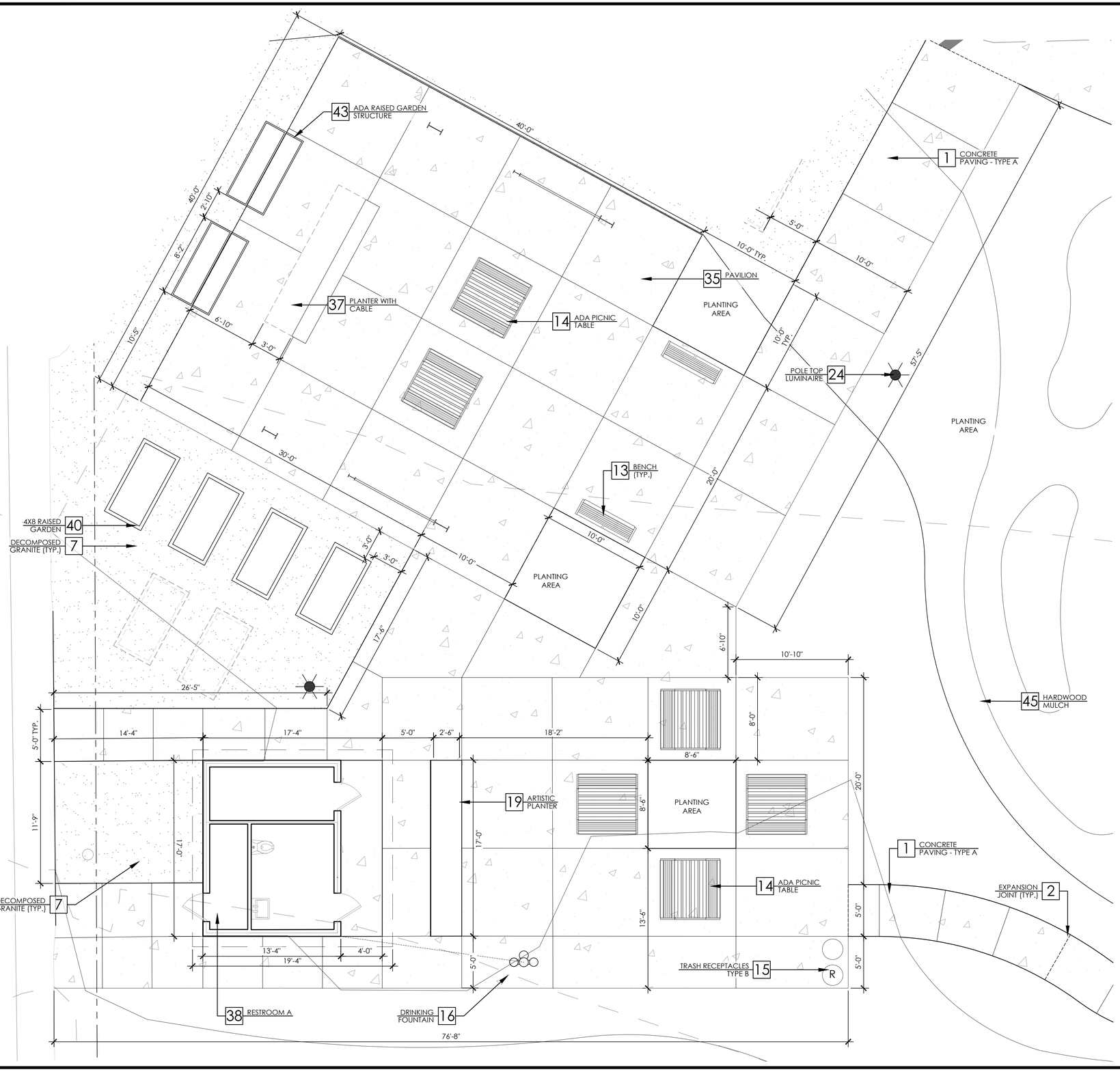

LEGEND

- PROPERTY LINE
- LIMIT OF WORK
- EXPANSION JOINT
- LIGHT POLE
- RAISED GARDEN PLANTER
- FUTURE RAISED GARDEN PLANTER

CONSTRUCTION KEY

KEY	DESCRIPTION	DETAIL NO:	DETAIL SHEET:
1	4" CONCRETE PAVING	A	L3.01
2	EXPANSION JOINT	B	L3.01
3	4" CONCRETE PAVING @ EXISTING	C	L3.01
4	PAVERS @ CONCRETE	D	L3.01
5	CONCRETE BANDING	E	L3.01
6	CAST STONE	F	L3.01
7	DECOMPOSED GRANITE	G	L3.01
8	CONCRETE SEAT WALL	H	L3.01
9	CUT STONE SEAT	I	L3.01
10	BIKE REPAIR STATION	A	L3.02
11	BIKE RACK	B	L3.02
12	FENCE	C	L3.02
13	BENCH	D	L3.02
14	ADA PICNIC TABLE	E	L3.02
15	TRASH RECEPTACLE	F	L3.02
16	DRINKING FOUNTAIN	G	L3.02
17	BACKLESS BENCH	H	L3.02
18	ENTRY BENCHES	A	L3.03
19	ARTISTIC PLANTER	C	L3.03
20	CONCRETE RETAINING WALL	E	L3.03
21	CONCRETE STEPS	F	L3.03
22	HANDRAIL AT STEP	G	L3.03
23	3 FIXTURE LIGHT POLE CAP	A	L3.04
24	POLE TOP LUMINARE	C	L3.04
25	ACCENT LIGHT	E	L3.04
26	PAVILION LIGHT	F	L3.04
27	MONUMENT SIGNAGE	A	L3.05
28	BLADE SIGN	F	L3.05
29	PLAYGROUND	A	L3.06
30	HAYS STREET BRIDGE PLAYGROUND	A	L3.07
31	TRAIN PLAYGROUND	B	L3.07
32	PLAYGROUND SURFACE	C	L3.07
33	PLAYGROUND SURFACE @ WALK	D	L3.07
34	SYNTHETIC TURF	E	L3.07
35	PAVILION	D	L3.08
36	STANDING SEAM ROOF	F	L3.08
37	PLANTER W/ CABLE	E	L3.08
38	RESTROOM A	B	L3.09
39	RESTROOM B	E	L3.09
40	4X8 RAISED GARDEN	A	L3.10
41	2X4 RAISED GARDEN	G	L3.10
42	2X4 CHILDREN ADA RAISED GARDEN	A	L3.11
43	ADA RAISED GARDEN STRUCTURE	D	L3.11
44	PEDESTRIAN BRIDGE	A	L3.12
45	HARDWOOD BARK MULCH	B	L4.05

NORTH

GRAPHIC SCALE
0 5 10
1 inch = 5'

REVISIONS

NO.	DATE	DESCRIPTION

LAYOUT PLAN - GARDEN PLAZA

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG. F-1114)

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Bryan Kye Mask
L.A.# 2369

JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	MMP
CHECKED BY:	BKM
DATE:	AUGUST 25, 2022
SHEET:	L1.04A

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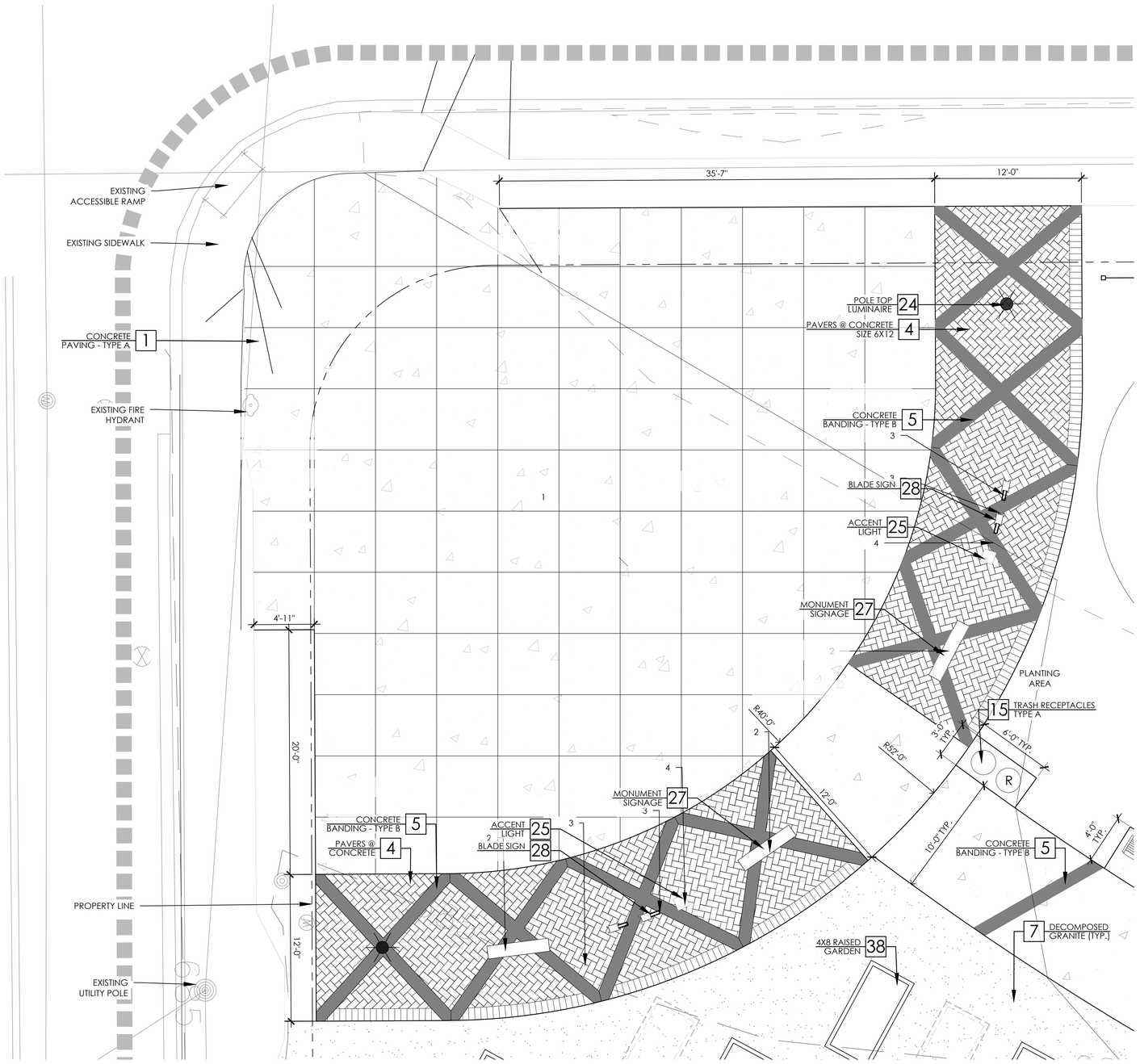
PLOTTED BY: Matthew Pena
PLOTTED ON: Wednesday, June 08, 2022
PLOTTED IN: Layout: L1.04A
PLOTTED WITH: _Adobe PDF.pc3



LEGEND

- PROPERTY LINE
- LIMIT OF WORK
- EXPANSION JOINT
- LIGHT POLE
- RAISED GARDEN PLANTER
- FUTURE RAISED GARDEN PLANTER

CONSTRUCTION KEY

KEY	DESCRIPTION	DETAIL NO:	DETAIL SHEET:
1	4" CONCRETE PAVING	A	L3.01
2	EXPANSION JOINT	B	L3.01
3	4" CONCRETE PAVING @ EXISTING	C	L3.01
4	PAVERS @ CONCRETE	D	L3.01
5	CONCRETE BANDING	E	L3.01
6	CAST STONE	F	L3.01
7	DECOMPOSED GRANITE	G	L3.01
8	CONCRETE SEAT WALL	H	L3.01
9	CUT STONE SEAT	I	L3.01
10	BIKE REPAIR STATION	A	L3.02
11	BIKE RACK	B	L3.02
12	FENCE	C	L3.02
13	BENCH	D	L3.02
14	ADA PICNIC TABLE	E	L3.02
15	TRASH RECEPTACLE	F	L3.02
16	DRINKING FOUNTAIN	G	L3.02
17	BACKLESS BENCH	H	L3.02
18	ENTRY BENCHES	A	L3.03
19	ARTISTIC PLANTER	C	L3.03
20	CONCRETE RETAINING WALL	E	L3.03
21	CONCRETE STEPS	F	L3.03
22	HANDRAIL AT STEP	G	L3.03
23	3 FIXTURE LIGHT POLE CAP	A	L3.04
24	POLE TOP LUMINARE	C	L3.04
25	ACCENT LIGHT	E	L3.04
26	PAVILION LIGHT	F	L3.04
27	MONUMENT SIGNAGE	A	L3.05
28	BLADE SIGN	F	L3.05
29	PLAYGROUND	A	L3.06
30	HAYS STREET BRIDGE PLAYGROUND	A	L3.07
31	TRAIN PLAYGROUND	B	L3.07
32	PLAYGROUND SURFACE	C	L3.07
33	PLAYGROUND SURFACE @ WALK	D	L3.07
34	SYNTHETIC TURF	E	L3.07
35	PAVILION	D	L3.08
36	STANDING SEAM ROOF	F	L3.08
37	PLANTER W/ CABLE	E	L3.08
38	RESTROOM A	B	L3.09
39	RESTROOM B	E	L3.09
40	4X8 RAISED GARDEN	A	L3.10
41	2X4 RAISED GARDEN	G	L3.10
42	2X4 CHILDREN ADA RAISED GARDEN	A	L3.11
43	ADA RAISED GARDEN STRUCTURE	D	L3.11
44	PEDESTRIAN BRIDGE	A	L3.12
45	HARDWOOD BARK MULCH	B	L4.05

NORTH

GRAPHIC SCALE
0 5 10
1 inch = 5'

REVISIONS

NO.	DATE	DESCRIPTION

LAYOUT PLAN - STORY TELLING PLAZA

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG. F-1114)

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Bryan Kye Mask
L.A.# 2369

JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	MMP
CHECKED BY:	BKM
DATE:	AUGUST 25, 2022
SHEET:	L1.04B

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PLOTTED ON: Wednesday, June 08, 2022
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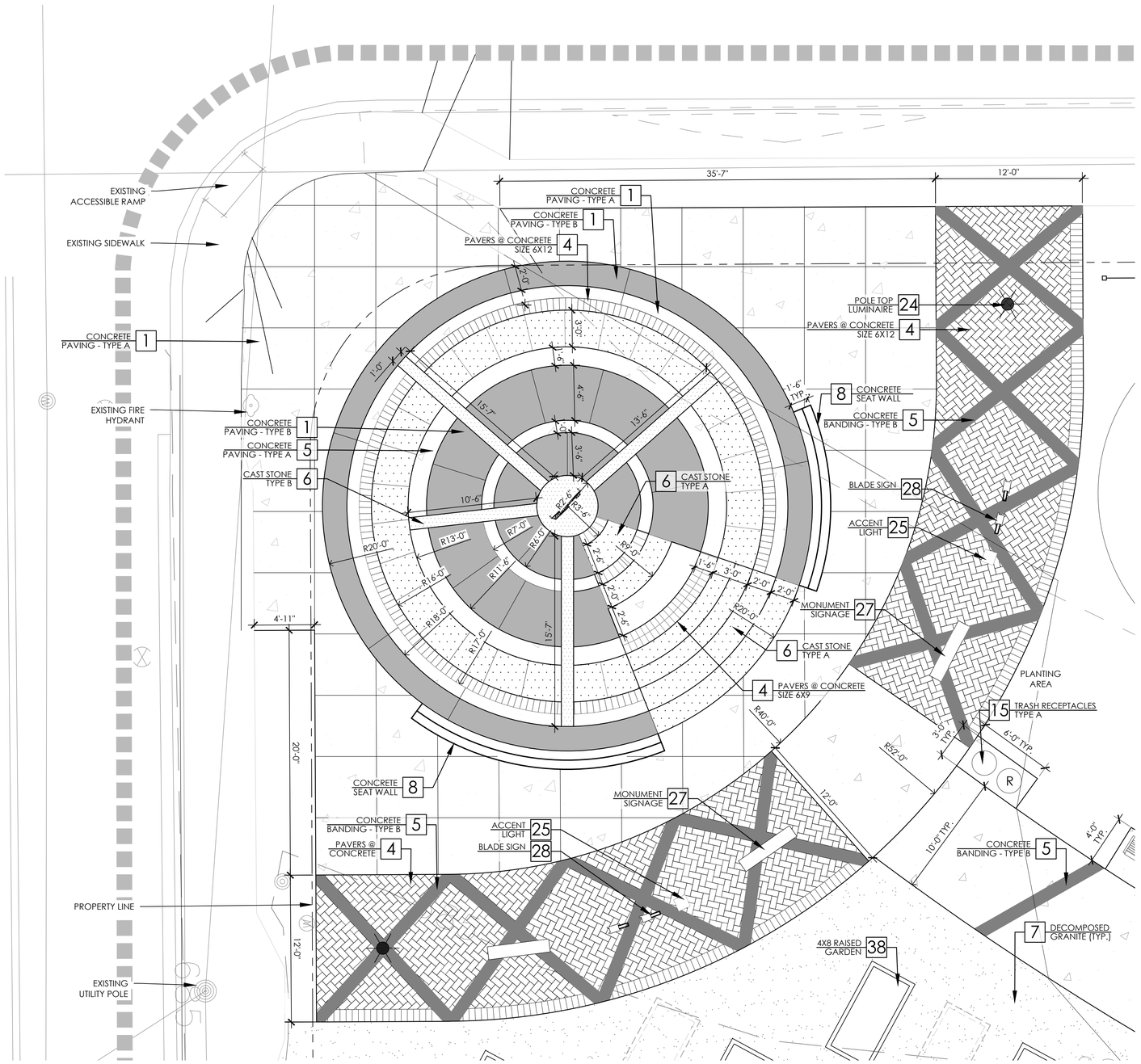
PLOTTED WITH: _Adobe PDF.pc3



LEGEND

- PROPERTY LINE
- LIMIT OF WORK
- EXPANSION JOINT
- LIGHT POLE
- RAISED GARDEN PLANTER
- FUTURE RAISED GARDEN PLANTER

CONSTRUCTION KEY

KEY	DESCRIPTION	DETAIL NO:	DETAIL SHEET:
1	4" CONCRETE PAVING	A	L3.01
2	EXPANSION JOINT	B	L3.01
3	4" CONCRETE PAVING @ EXISTING	C	L3.01
4	PAVERS @ CONCRETE	D	L3.01
5	CONCRETE BANDING	E	L3.01
6	CAST STONE	F	L3.01
7	DECOMPOSED GRANITE	G	L3.01
8	CONCRETE SEAT WALL	H	L3.01
9	CUT STONE SEAT	I	L3.01
10	BIKE REPAIR STATION	A	L3.02
11	BIKE RACK	B	L3.02
12	FENCE	C	L3.02
13	BENCH	D	L3.02
14	ADA PICNIC TABLE	E	L3.02
15	TRASH RECEPTACLE	F	L3.02
16	DRINKING FOUNTAIN	G	L3.02
17	BACKLESS BENCH	H	L3.02
18	ENTRY BENCHES	A	L3.03
19	ARTISTIC PLANTER	C	L3.03
20	CONCRETE RETAINING WALL	E	L3.03
21	CONCRETE STEPS	F	L3.03
22	HANDRAIL AT STEP	G	L3.03
23	3 FIXTURE LIGHT POLE CAP	A	L3.04
24	POLE TOP LUMINARE	C	L3.04
25	ACCENT LIGHT	E	L3.04
26	PAVILION LIGHT	F	L3.04
27	MONUMENT SIGNAGE	A	L3.05
28	BLADE SIGN	F	L3.05
29	PLAYGROUND	A	L3.06
30	HAYS STREET BRIDGE PLAYGROUND	A	L3.07
31	TRAIN PLAYGROUND	B	L3.07
32	PLAYGROUND SURFACE	C	L3.07
33	PLAYGROUND SURFACE @ WALK	D	L3.07
34	SYNTHETIC TURF	E	L3.07
35	PAVILION	D	L3.08
36	STANDING SEAM ROOF	F	L3.08
37	PLANTER W/ CABLE	E	L3.08
38	RESTROOM A	B	L3.09
39	RESTROOM B	E	L3.09
40	4X8 RAISED GARDEN	A	L3.10
41	2X4 RAISED GARDEN	G	L3.10
42	2X4 CHILDREN ADA RAISED GARDEN	A	L3.11
43	ADA RAISED GARDEN STRUCTURE	D	L3.11
44	PEDESTRIAN BRIDGE	A	L3.12
45	HARDWOOD BARK MULCH	B	L4.05

NORTH

GRAPHIC SCALE
0 5 10
1 inch = 5'

REVISIONS

NO.	DATE	DESCRIPTION
#	#	#
#	#	#
#	#	#
#	#	#
#	#	#

LAYOUT PLAN-STORY TELLING PLAZA-ALT B

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG. F-1114)

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Bryan Kye Mask
L.A.# 2369

JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	MMP
CHECKED BY:	BKM
DATE:	AUGUST 25, 2022
SHEET:	L1.04C

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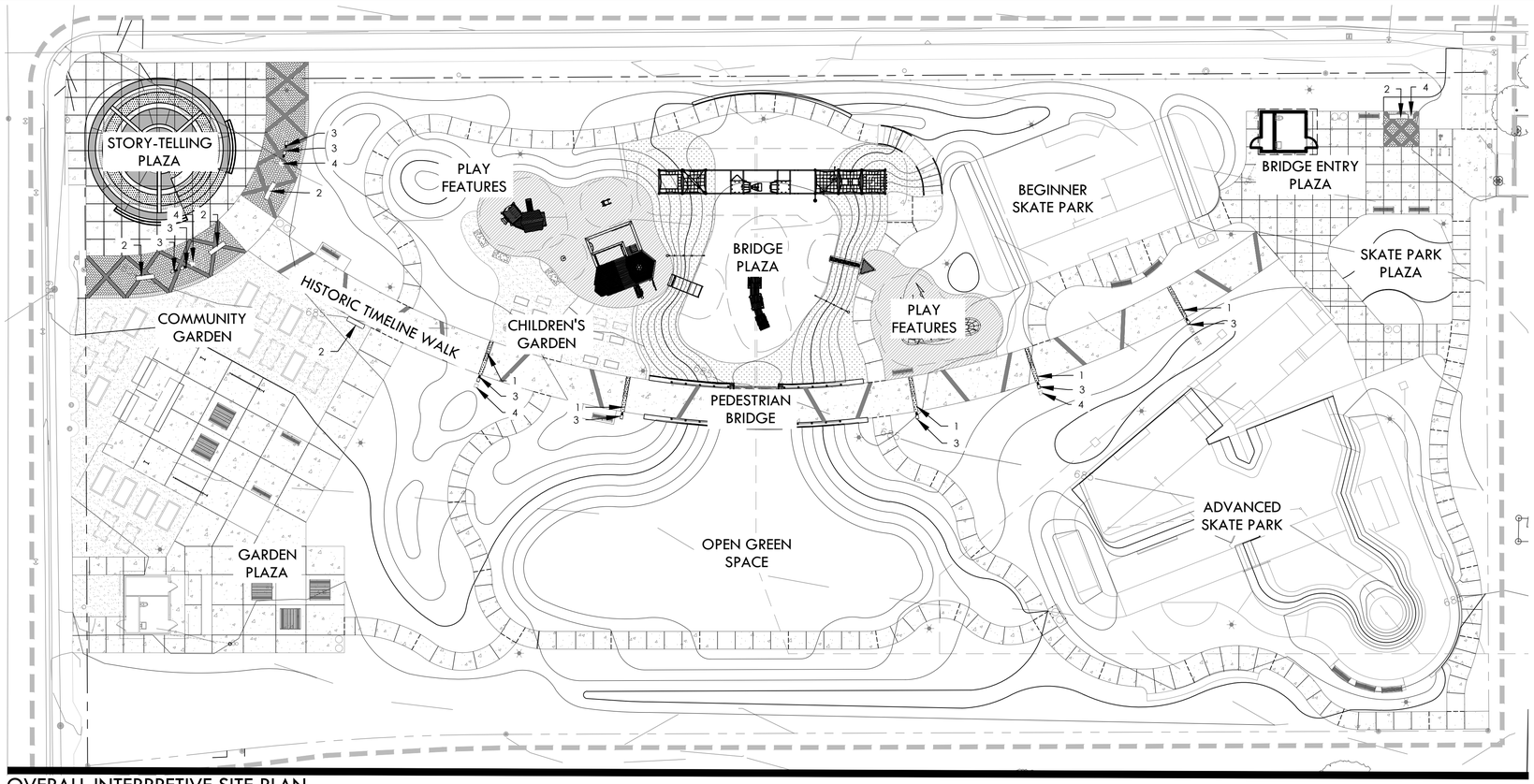
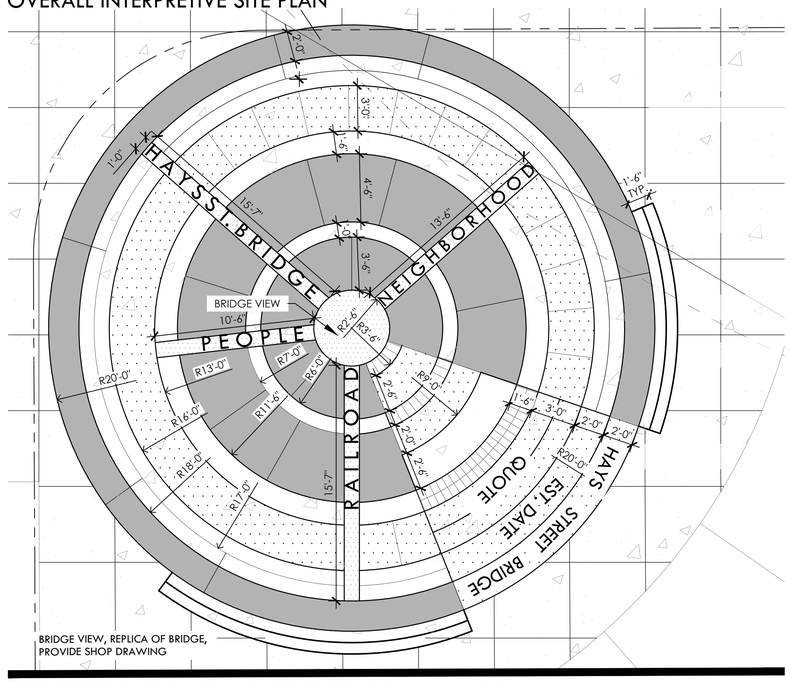
PLOTTED BY: Tyler Lee
PLOTTED WITH: _Adobe PDF.pc3



OVERALL INTERPRETIVE SITE PLAN

GRAPHIC SCALE
0 20 40
1 inch = 20'
NORTH



STORY TELLING PLAZA - INTERPRETIVE PLAN - ALT B

GRAPHIC SCALE
0 5 10
1 inch = 5'
NORTH

INTERPRETIVE SIGNAGE

TYPE 1 - INTERPRETIVE CAST STONE PAVING WITH WITH TEXT. (REF. DETAIL F/SHEET L3.01)

TYPE 2 - MONUMENT SIGN - EACH SIGN IS A DIFFERENT INTERPRETIVE SIGN THAT LEADS USERS OF THE PARK ON A JOURNEY OF THE HISTORY OF THE NEIGHBORHOOD, BRIDGE, AND SURROUNDING LAND. (REF. DETAIL A/SHEET L3.05)

TYPE 3 - BLADE SIGN - EACH SIGN IS A DIFFERENT INTERPRETIVE SIGN THAT LEADS USERS OF THE PARK ON A JOURNEY OF THE HISTORY OF THE NEIGHBORHOOD, BRIDGE, AND SURROUNDING LAND. (REF. DETAIL F/SHEET L3.05)

TYPE 4 - ACCENT LIGHT (REF. DETAIL E/SHEET L3.04)

REVISIONS

NO.	DATE	DESCRIPTION

INTERPRETIVE SITE PLAN

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG. F-1114)

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L.A.# 2369

JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	MMP
CHECKED BY:	BKM
DATE:	AUGUST 25, 2022
SHEET:	L1.05

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PLOTTED ON: Wednesday, Jan 06, 2022
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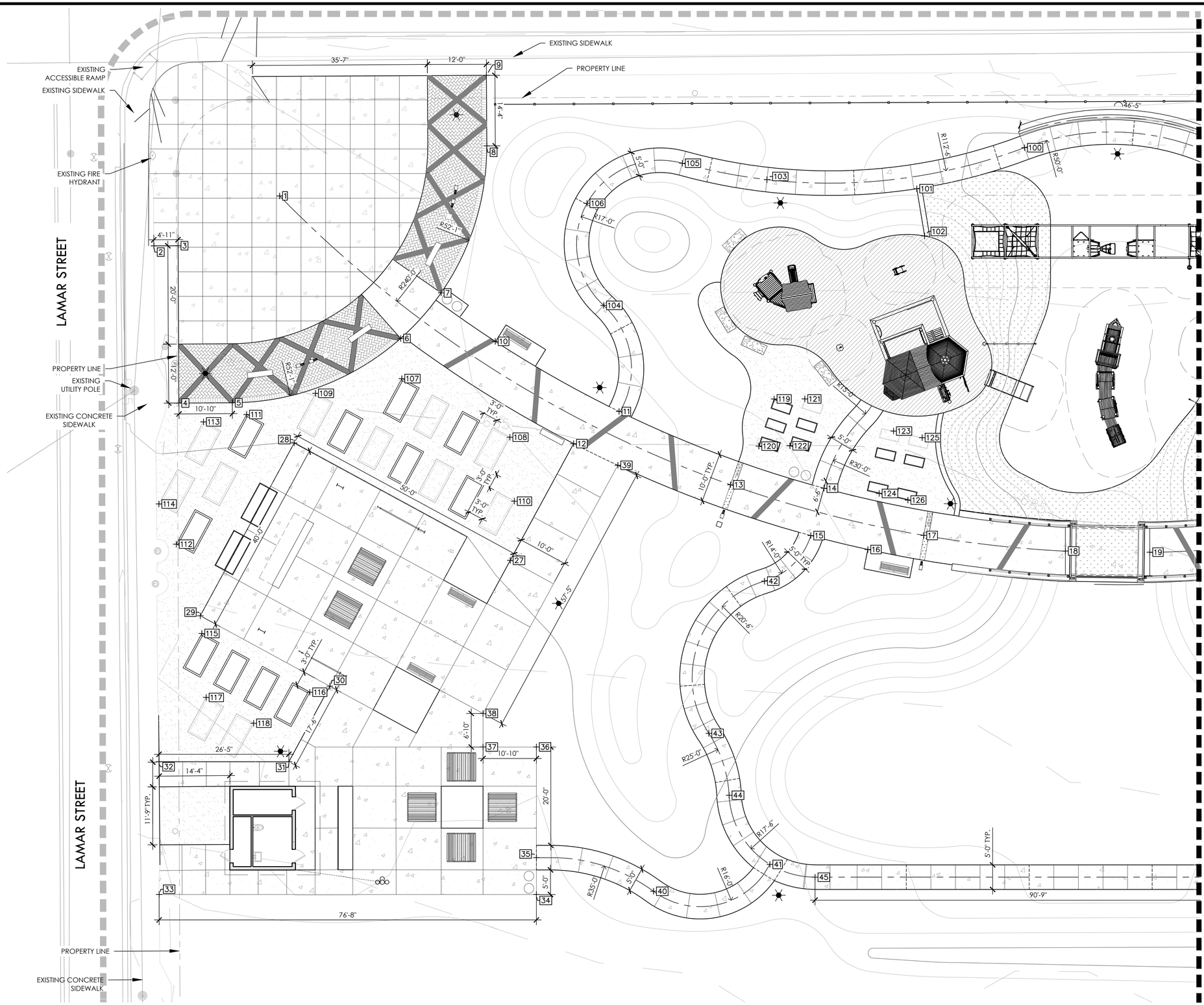

REVISIONS

NO.	DATE	DESCRIPTION
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#	#	#
#	#	#
#	#	#
#	#	#

DIMENSION LAYOUT PLAN

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG. F-1114)

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Bryan Kye Mask
L.A.# 2369

JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	MMP
CHECKED BY:	BKM
DATE:	AUGUST 25, 2022
SHEET:	L1.06

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PLOTTED ON: Wednesday, June 08, 2022
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PLOTTED ON: Wednesday, June 08, 2022
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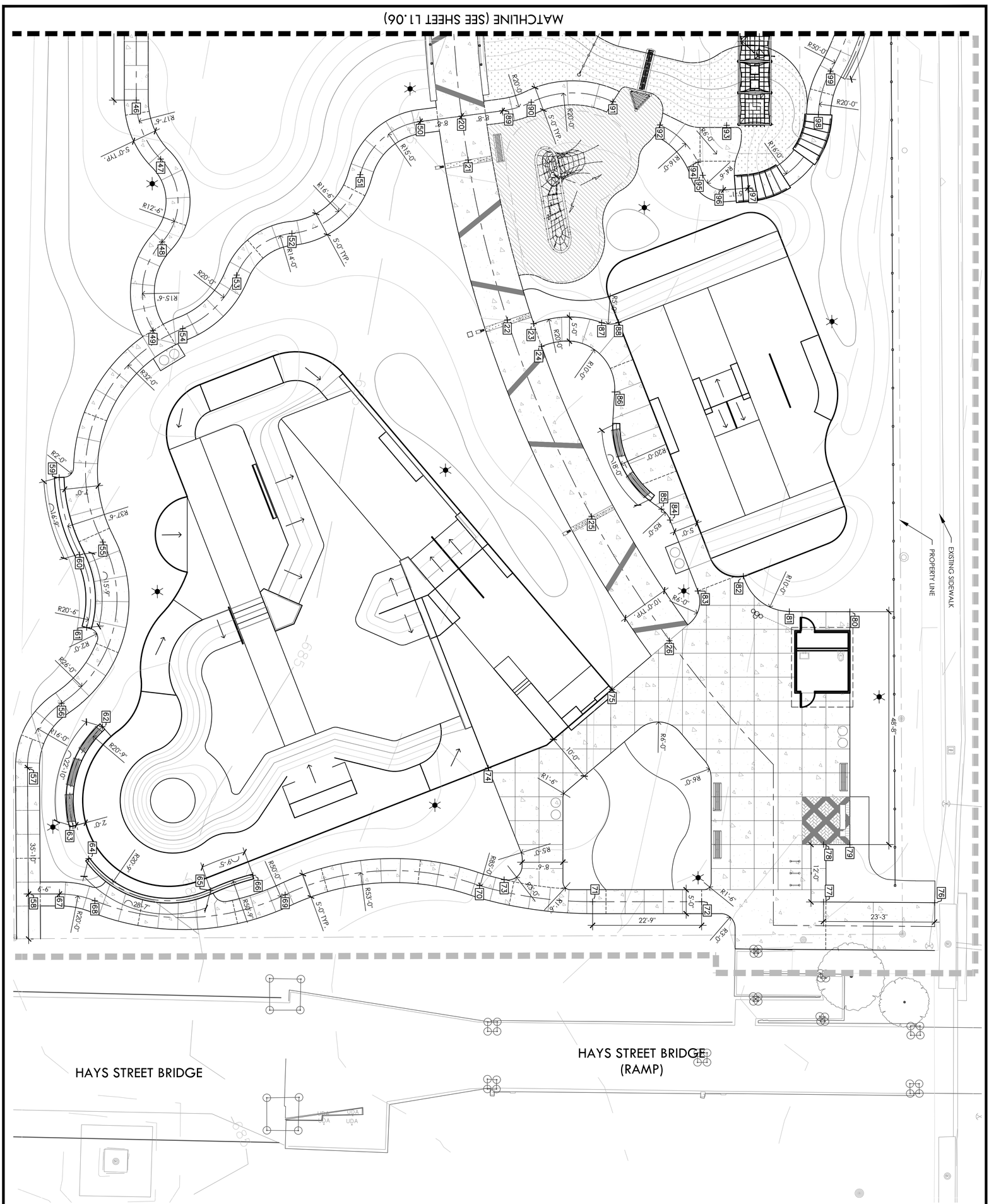

DIMENSION LAYOUT PLAN

BERKLEY V. AND VINCENT M. DAWSON PARK

SAN ANTONIO, TEXAS

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Brian Kirk Mason
L.A.# 2369

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG. F-1114)

REVISIONS		
NO.	DATE	DESCRIPTION
	#	#
#	#	#
#	#	#
#	#	#
#	#	#

JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	MMP
CHECKED BY:	BKM
DATE:	AUGUST 25, 2022
SHEET:	L1.07

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22	N 13706812.35 E 2135472.23
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COORDINATE TABLE	
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66	N 13706696.26 E 2135419.03
67	N 13706692.35 E 2135378.60
68	N 13706690.93 E 2135385.98
69	N 13706692.19 E 2135425.78
70	N 13706694.10 E 2135466.42
71	N 13706690.75 E 2135490.08
72	N 13706690.75 E 2135512.86
73	N 13706695.35 E 2135471.58
74	N 13706718.70 E 2135468.25
75	N 13706735.11 E 2135494.13
76	N 13706690.54 E 2135561.61
77	N 13706690.68 E 2135538.36
78	N 13706702.68 E 2135538.36
79	N 13706702.68 E 2135543.86
80	N 13706751.37 E 2135543.86
81	N 13706751.40 E 2135531.21
82	N 13706758.78 E 2135521.59
83	N 13706755.69 E 2135512.06
84	N 13706770.51 E 2135506.27
85	N 13706772.80 E 2135504.47
86	N 13706797.29 E 2135494.68
87	N 13706811.79 E 2135491.97
88	N 13706811.83 E 2135495.49
89	N 13706856.08 E 2135471.21
90	N 13706857.87 E 2135477.23

COORDINATE TABLE	
POINT #	COORDINATES
91	N 13706857.96 E 2135494.31
92	N 13706853.11 E 2135504.15
93	N 13706853.05 E 2135518.10
94	N 13706845.32 E 2135512.12
95	N 13706842.60 E 2135513.11
96	N 13706839.53 E 2135517.36
97	N 13706839.92 E 2135522.54
98	N 13706855.30 E 2135537.28
99	N 13706864.38 E 2135539.84
100	N 13706906.50 E 2135543.05
101	N 13706928.40 E 2135534.70
102	N 13706926.81 E 2135525.08
103	N 13706958.87 E 2135536.55
104	N 13706992.09 E 2135510.97
105	N 13706976.07 E 2135539.89
106	N 13706995.46 E 2135531.74
107	N 13707033.12 E 2135496.07
108	N 13707011.15 E 2135484.15
109	N 13707050.67 E 2135493.08
110	N 13707010.24 E 2135471.14
111	N 13707064.68 E 2135488.77
112	N 13707078.99 E 2135462.40
113	N 13707073.46 E 2135487.28
114	N 13707082.52 E 2135470.58
115	N 13707073.79 E 2135444.24
116	N 13707051.83 E 2135432.28
117	N 13707072.91 E 2135431.23
118	N 13707063.25 E 2135425.97
119	N 13706957.42 E 2135491.93
120	N 13706960.53 E 2135482.35

COORDINATE TABLE	
POINT #	COORDINATES
121	N 13706951.18 E 2135491.95
122	N 13706954.21 E 2135482.41
123	N 13706933.15 E 2135485.41
124	N 13706936.06 E 2135472.71
125	N 13706927.30 E 2135484.07
126	N 13706930.21 E 2135471.37

REVISIONS

NO.	DATE	DESCRIPTION
	#	#
#	#	#
#	#	#
#	#	#
#	#	#

DIMENSION LAYOUT COORDINATES

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG. F-1114)

BERKLEY V. AND VINCENT M.
DAWSON PARK
SAN ANTONIO, TEXAS

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Bryan Kye Mask
L.A.# 2369

JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	MMP
CHECKED BY:	BKM
DATE:	AUGUST 25, 2022
SHEET:	L1.08

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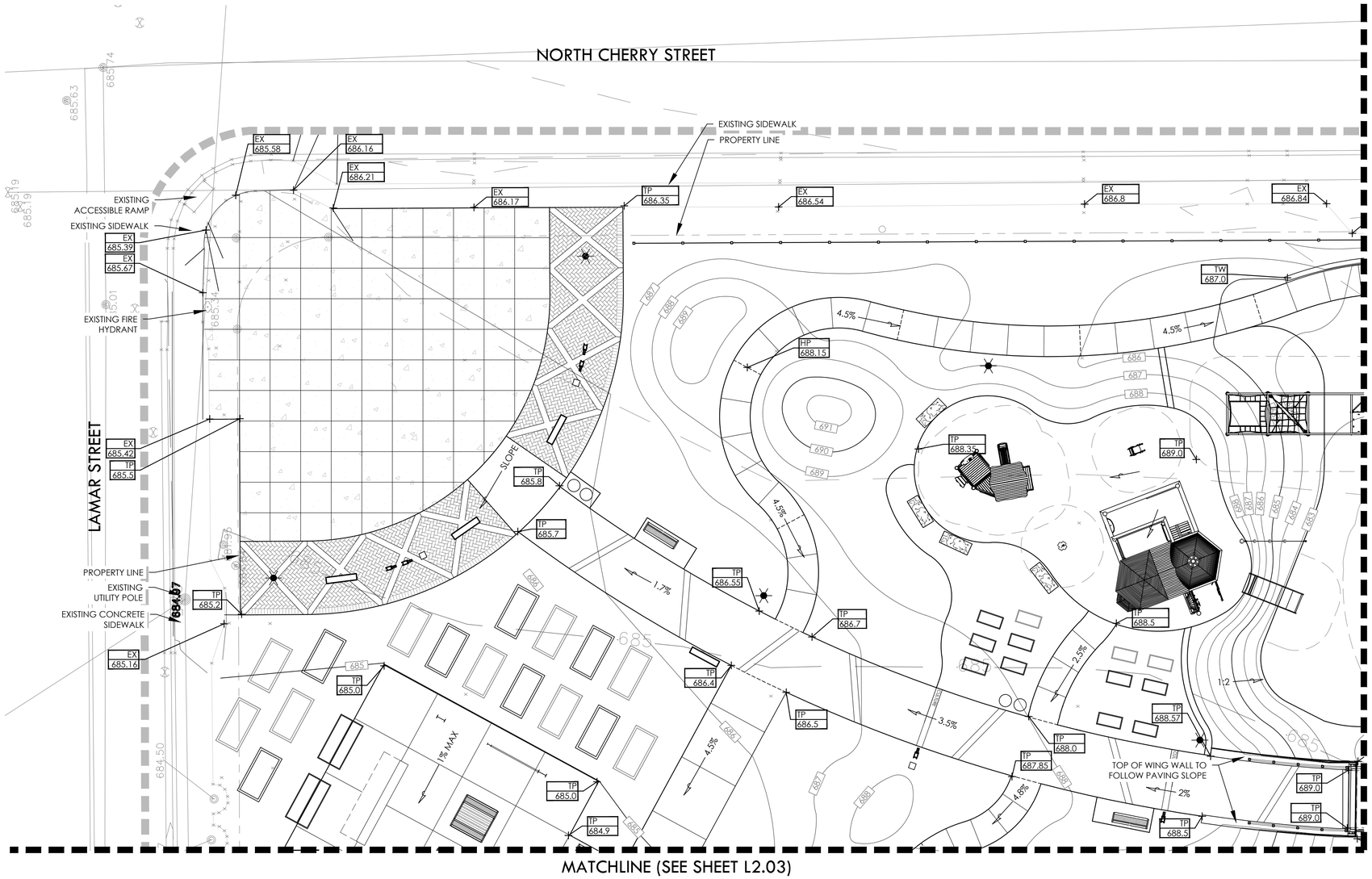
PLOTTED ON: Wednesday, June 08, 2022
PLOTTED BY: Lisa Hall
PLOTTED WITH: Adobe PDF.pc3



LEGEND

PROPERTY LINE	
EXISTING CONTOUR	537
PROPOSED CONTOUR	XXXX
PROPOSED SPOT ELEVATION	XXX / XXXX.XX / XXXX.XX
FLOW ARROW	
L.O.C. (LIMITS OF CONSTRUCTION)	

ME	MATCH EXISTING
TP	TOP OF PAVEMENT
TC	TOP OF CURB
BC	BOTTOM OF CURB
TW	TOP OF WALL
TR	TOP OF RAMP
BR	BOTTOM OF RAMP
FG	FINISH GRADE
FL	FLOW LINE

NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS

NO.	DATE	DESCRIPTION

GRADING PLANS

HAYS STREET BRIDGE PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
(210) 227-3247
(TX REG. F-11141)

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JOB NO.	5835.005
DESIGNED BY:	TLL
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CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L2.01

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PLOTTED ON: Monday, April 04, 2022
PLOTTED AT: 1:57:59 PM
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NORTH CHERRY STREET

EXISTING SIDEWALK

PROPERTY LINE

MATCHLINE (SEE SHEET L2.01)

MATCHLINE (SEE SHEET L2.04)

MATCH EXISTING

PROPERTY LINE

REF CIVIL DRAINAGE SHEET FOR DRAIN AND INVERT ELEVATION

REF CIVIL DRAINAGE SHEET FOR DRAIN AND INVERT ELEVATION

TOP OF WING WALL TO FOLLOW PAVING SLOPE

STORM DRAIN BELOW BRIDGE

LEGEND

PROPERTY LINE	
EXISTING CONTOUR	537
PROPOSED CONTOUR	XXXX
PROPOSED SPOT ELEVATION	XXX / XXXX.XX ; XXXX.XX
FLOW ARROW	
L.O.C. (LIMITS OF CONSTRUCTION)	
ME	MATCH EXISTING
TP	TOP OF PAVEMENT
TC	TOP OF CURB
BC	BOTTOM OF CURB
TW	TOP OF WALL
TR	TOP OF RAMP
BR	BOTTOM OF RAMP
FG	FINISH GRADE
FL	FLOW LINE

NORTH

GRAPHIC SCALE 0 10 20

1 inch = 10'

REVISIONS

NO.	DATE	DESCRIPTION

GRADING PLANS

HAYS STREET BRIDGE PARK

SAN ANTONIO, TEXAS

DUNAWAY
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(210) 227-3247
(TX REG. F-11141)

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JOB NO.	5835.005
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DATE:	APRIL 25, 2022
SHEET:	L2.02

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PLOTTED ON: Tuesday, April 26, 2022
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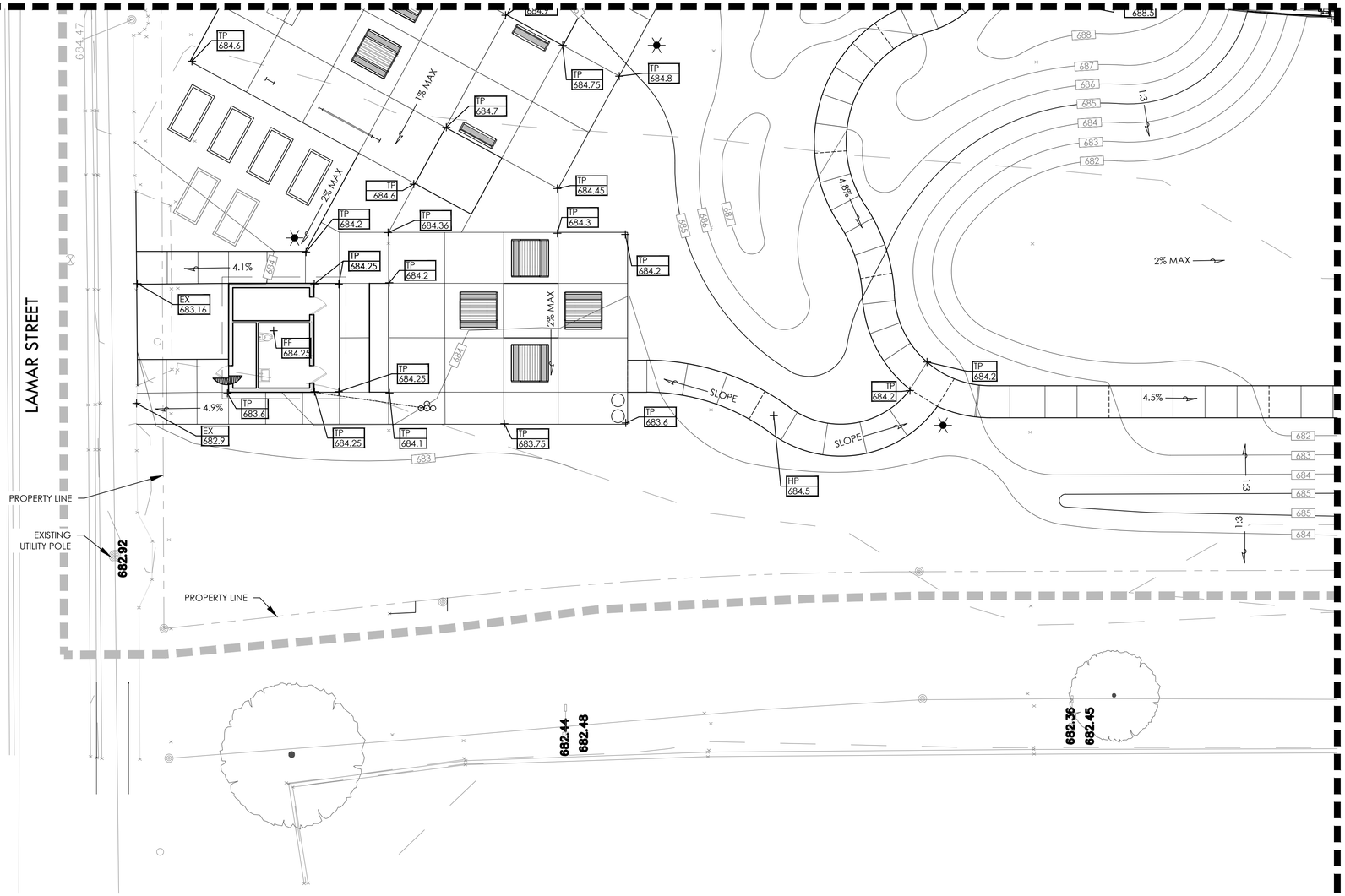

LEGEND

PROPERTY LINE	
EXISTING CONTOUR	537
PROPOSED CONTOUR	XXXX
PROPOSED SPOT ELEVATION	XXX / XXXX.XX / XXXX.XX
FLOW ARROW	
L.O.C. (LIMITS OF CONSTRUCTION)	

ME	MATCH EXISTING
TP	TOP OF PAVEMENT
TC	TOP OF CURB
BC	BOTTOM OF CURB
TW	TOP OF WALL
TR	TOP OF RAMP
BR	BOTTOM OF RAMP
FG	FINISH GRADE
FL	FLOW LINE

NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS

NO.	DATE	DESCRIPTION

GRADING PLANS

HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 , San Antonio, Texas 78205
Tel # 210.227.3240
(TX REG. F-11141)

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JOB NO.	5835.005
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CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L2.03

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PLOTTED ON: Monday, April 25, 2022
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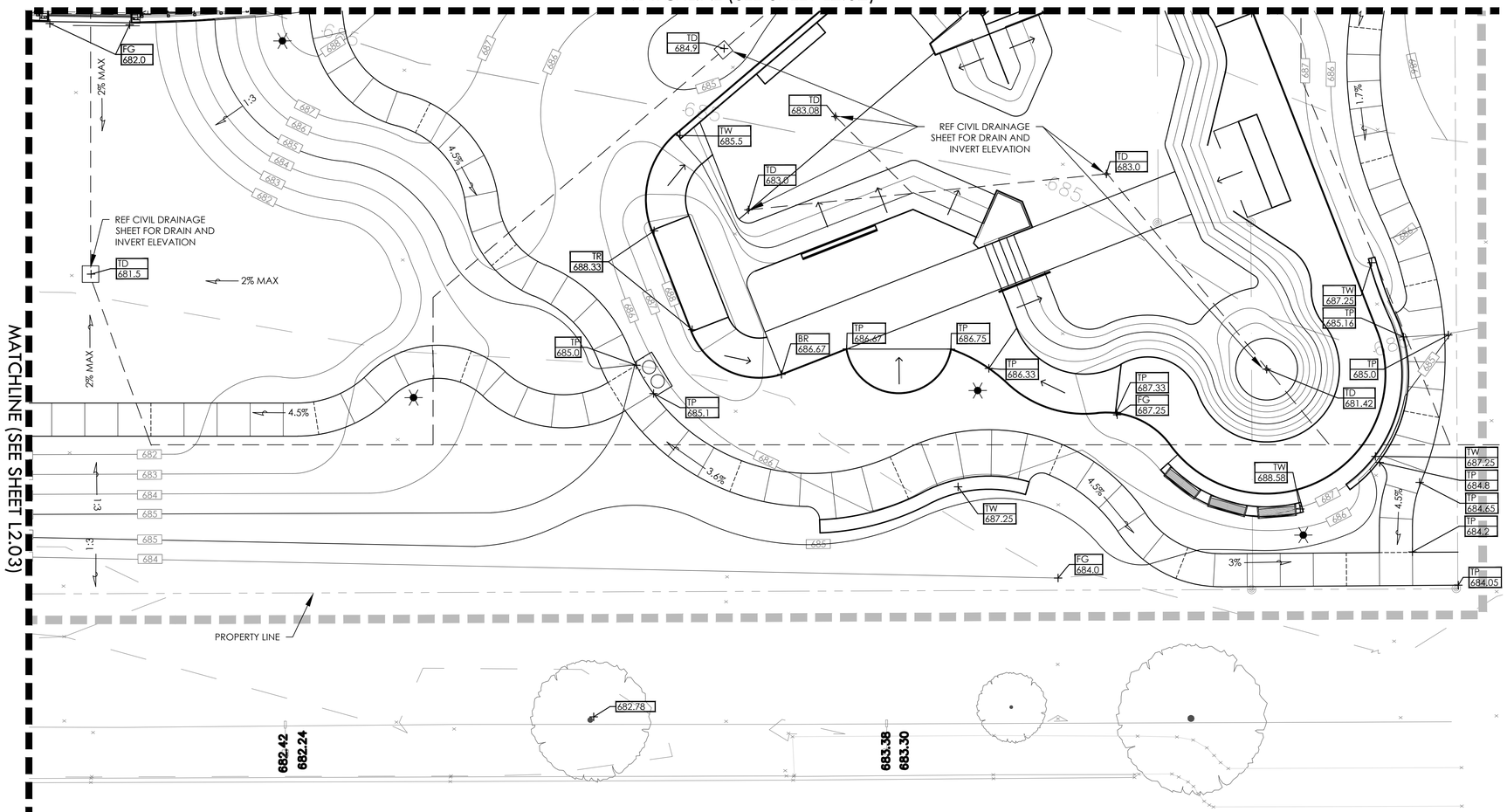
MATCHLINE (SEE SHEET L2.02)

MATCHLINE (SEE SHEET L2.03)



LEGEND

PROPERTY LINE	
EXISTING CONTOUR	537
PROPOSED CONTOUR	XXXX
PROPOSED SPOT ELEVATION	XXX / XXXX.XX / XXXX.XX
FLOW ARROW	
L.O.C. (LIMITS OF CONSTRUCTION)	

ME	MATCH EXISTING
TP	TOP OF PAVEMENT
TC	TOP OF CURB
BC	BOTTOM OF CURB
TW	TOP OF WALL
TR	TOP OF RAMP
BR	BOTTOM OF RAMP
FG	FINISH GRADE
FL	FLOW LINE

NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS

NO.	DATE	DESCRIPTION

GRADING PLANS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.227.3240
(TX REG. F-11141)

HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

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DATE:	APRIL 25, 2022
SHEET:	L2.04

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PLOTTED BY: Danyela Martinez
PLOTTED ON: Monday, April 25, 2022
PLOTTED AT: 1:23:34 PM
PLOTTED WITH: _ANSI-D Portrait.pc3

MATERIAL FINISH SCHEDULE:

CONCRETE FINISH SCHEDULE		
HATCH	**TYPE**	**DESCRIPTION**
	A	CONCRETE - BROOM FINISH - 'BUFF'
	B	CONCRETE BANDS - BROOM FINISH - 'EARTH BROWN'

CONCRETE PAVERS TYPE SCHEDULE		
HATCH	**TYPE**	**DESCRIPTION**
	A	KEYSTONE HARDSCAPES CITY STONE 6X12 60MM (PRODUCT NO. 287) - RUNNER BOND, HARRINGBONE, SOLDIER COURSE 'COLOR?'
	B	KEYSTONE HARDSCAPES CITY STONE 6X9 60MM (PRODUCT NO. 297) - STACK BOND 'COLOR?'

CAST STONE CONCRETE TYPE SCHEDULE		
HATCH	**TYPE**	**DESCRIPTION**
	A	WHAT COLOR AND FINISH ARE WE USING?
	B	WHAT COLOR AND FINISH ARE WE USING? THOSE BANDS THAT RAY OUT SHOULD BE DIFFERENT?

SITE FURNISHING SCHEDULE	
TYPE	**DESCRIPTION**
A	BIKE REPAIR STATION - POWDER COAT - SEPIA BROWN
B	BIKE RACK - BRONZE 14 FINE TEXTURE COLLECTION
C	FENCE - BROWN 7006
D	BENCH - BRONZE 14 FINE TEXTURE COLLECTION
E	ADA PICNIC TABLE - BRONZE 14 FINE TEXTURE COLLECTION
F	TRASH RECEPTACLE - BRONZE 14 FINE TEXTURE COLLECTION
G	DRINKING FOUNTAIN - TEXTURED COPPER
H	BACKLESS BENCH - BRONZE 14 FINE TEXTURE COLLECTION
I	PARASOLEIL, PASSION FRUIT, LEMON DROP, DAWN GRILLE, SHERWIN-WILLIAMS

PAINTED FINISH SCHEDULE	
TYPE	**DESCRIPTION**
A	METAL ON ENTRY BENCH, HANDRAIL, BRIDGE, ACCENT LIGHT, MONUMENT SIGN PANEL, BLADE SIGN, PAVILION, CONTECH BRIDGE - SHERWIN-WILLIAMS EXTERIOR PAINT - SW 6076 'TURKISH COFFEE'
B	PERFORATED METAL ON ACCENT LIGHT, RESTROOM, MONUMENT SIGN BEHIND "X" PATTERN - SHERWIN-WILLIAMS EXTERIOR PAINT - SW 7571 'CASA BLANCA'

NOTE

SPECIFIC MANUFACTURES WERE USED AS THE BASIS OF THE DESIGN. ANY REQUESTS FOR A SUBSTITUTION/EQUAL MUST BE SUBMITTED TO THE OWNER AND PROJECT LANDSCAPE ARCHITECT FOR CONSIDERATION PRIOR TO THE END OF BIDDERS QUESTIONS/RFI DEADLINE. SUBSTITUTIONS MUST INCLUDE THE FOLLOWING, NO EXCEPTIONS: AN EQUIVALENT DESIGN INCLUDING TECHNICAL DESIGN PLANS AND SPECIFICATIONS; MAINTENANCE REQUIREMENTS FOR PROPOSED DESIGN AND PRODUCTS; WARRANTY INFORMATION; THREE (3) REFERENCES INCLUDE CONTACT INFORMATION FOR EQUIVALENT SIZE AND BUDGET PROJECTS; AND REFERENCE ONE INSTALLATION, INCLUDING OWNER REFERENCE INFORMATION, FOR A PUBLIC OR PRIVATE INSTALLATION WITHIN 150 MILES OF THE SAN ANTONIO METRO AREA.

SHEET INDEX:

NO. SHEET NAME

L3.00 DETAIL INDEX & FINISH SCHEDULE
L3.01 SITE DETAILS
- A 4" CONCRETE PAVING
- B EXPANSION JOINT
- C 4" CONCRETE PAVING @ EXISTING
- D PAVERS @ CONCRETE
- E CONCRETE BANDING
- F CAST STONE
- G DECOMPOSED GRANITE
- H CONCRETE SEAT WALL
- I CUT STONE SEAT

L3.02 SITE DETAILS
- A ENTRY BENCHES (PLAN)
- B ENTRY BENCHES (SECTION)
- C ARTISTIC PLANTER
- D ENTRY BENCHES (ELEVATION)
- E CONCRETE RETAINING WALL
- F CONCRETE STEPS
- G HANDRAIL AT STEPS
- H ENLARGED STAIR NOSING

L3.03 SITE FURNITURE DETAILS
- A BIKE REPAIR STATION
- B BIKE RACK
- C FENCE
- D BENCH
- E ADA PICNIC TABLE
- F TRASH RECEPTACLE
- G DRINKING FOUNTAIN
- H BACKLESS BENCH

L3.04 LIGHTING DETAILS
- A 3 FIXTURE LIGHT POLE
- B COMPACT FLOODLIGHT
- C POLE TOP LUMINAIRE
- D ACCENT LIGHT (FRAME)
- E ACCENT LIGHT (ELEVATION)
- F PAVILION LIGHT
- G LIGHT POLE FOOTING

L3.05 MONUMENT DETAILS
- A MONUMENT SIGNAGE PANELS (FRONT ELEVATION)
- B MONUMENT SIGNAGE PANELS (BACK ELEVATION)
- C MONUMENT SIGNAGE PANELS (SIDE ELEVATION)
- D MONUMENT SIGNAGE FRAME
- E MONUMENT SIGNAGE FRAME (SECTION)
- F BLADE SIGN ELEVATION
- G BLADE SIGN (SECTION)
- H MONUMENT SIGNS - VIEW 1

L3.06 PLAYGROUND DETAILS
- A HOUSE PLAYGROUND C - VIEW 1
- B HOUSE PLAYGROUND C - VIEW 2
- C PLAYGROUND - VIEW 1
- D PLAYGROUND - VIEW 2
- E PLAYGROUND - VIEW 3
- F PLAYGROUND - VIEW 4
- G PLAYGROUND - VIEW 5

L3.07 PLAYGROUND DETAILS
- A HAYS STREET BRIDGE PLAYGROUND
- B TRAIN PLAYGROUND
- C PLAYGROUND SURFACE
- D PLAYGROUND SURFACE @ WALK
- E SYNTHETIC TURF

L3.08 PAVILION DETAILS
- A PAVILION FOUNDATION (PLAN)
- B PAVILION ROOF (PLAN)
- C PAVILION (SIDE ELEVATION)
- D PAVILION (FRONT ELEVATION)
- E DECORATIVE SHADE PANEL
- F STANDING SEAM ROOF
- G PLANTER W/ CABLE

L3.09 RESTROOM DETAILS
- A RESTROOM MESH SCREEN - A
- B RESTROOM A (PLAN)
- C RESTROOM MESH SCREEN - B
- D RESTROOM A (ELEVATION)
- E RESTROOM B (PLAN)
- F RESTROOM B (ELEVATION)

L3.10 COMMUNITY GARDEN DETAILS
- A 4X4 RAISED GARDEN STRUCTURE
- B 4X4 RAISED GARDEN CAP
- C RAISED GARDEN (SECTION)
- D 4X4 RAISED GARDEN (ELEVATION A)
- E 2X4 RAISED GARDEN (SIDE ELEVATION)
- F
- G 2X4 RAISED GARDEN STRUCTURE
- H 2X4 RAISED GARDEN CAP

L3.11 COMMUNITY GARDEN DETAILS
- A 2X4 CHILDREN ADA RAISED GARDEN (ELEVATION B)
- B 2X4 CHILDREN ADA RAISED GARDEN (ELEVATION)
- C 2X4 CHILDREN ADA RAISED GARDEN (SECTION)
- D ADA RAISED GARDEN STRUCTURE
- E ADA RAISED GARDEN CAP
- F ADA RAISED GARDEN (ELEVATION)
- G ADA RAISED GARDEN (SECTION)

L3.12 BRIDGE DETAIL
- A PLAYGROUND BRIDGE (PLAN)
- B PLAYGROUND BRIDGE (ELEVATION)

REVISIONS

NO.	DATE	DESCRIPTION

SHEET INDEX

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118 Broadway Suite 201 San Antonio, Texas 78205
tel: 210.267.5246
(TX REG. F-1114)

HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

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JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	DM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L3.00

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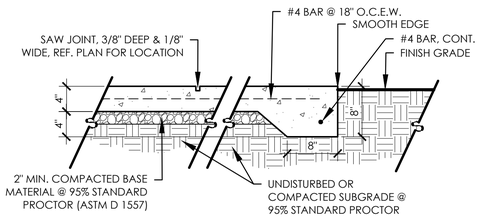
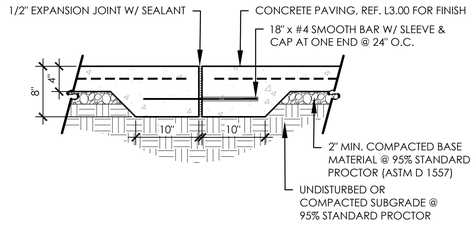
PLOTTED BY: Daniela Martinez
PLOTTED ON: Monday, April 25, 2022
PLOTTED AT: 1:36:20 PM
PLOTTED WITH: 1_Dunaway.ctb*.pc3

NOTES:
1. CONTRACTOR TO PROVIDE 6' X 6' MIN. PAVING MOCK UP OF ALL MATERIALS, FORMING AND FINISH.
2. PROVIDE 2% (1/4" PER FOOT) CROSS SLOPE FOR POSITIVE DRAINAGE UNLESS OTHERWISE INDICATED.
3. PROVIDE 3000 PSI CONCRETE AT 28 DAYS.
4. EXPANSION JOINTS @ 30'-0" O.C. (MAX)
5. REFERENCE SITE PLAN & FINISH SCHEDULE FOR CONCRETE FINISH.



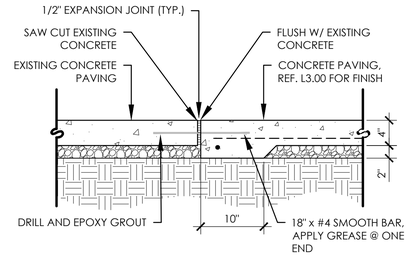
A 4" CONCRETE PAVING

SCALE: 1"=1'-0"



B EXPANSION JOINT

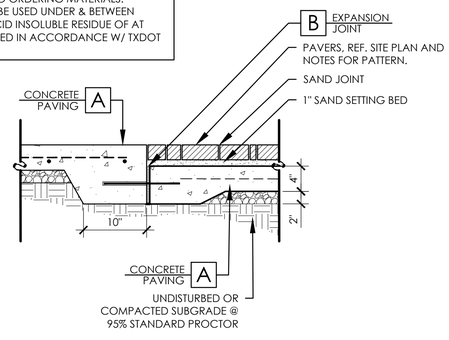
SCALE: 1"=1'-0"



C 4" CONCRETE PAVING @ EXISTING

SCALE: 1"=1'-0"

NOTES:
1. CONTRACTOR TO PROVIDE 5' X 5' MIN. MOCK UP OF ALL MATERIALS, FORMING AND FINISH.
2. REFER TO MATERIALS SCHEDULE SHEET L3.00 FOR ALL COLORS, MATERIALS AND FINISHES.
3. CONTRACTOR TO PROVIDE SAMPLE OF PAVER FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO ORDERING MATERIALS.
4. COLORADO RIVER SAND SHALL BE USED UNDER & BETWEEN PAVERS AND SHALL HAVE AN ACID INSOLUBLE RESIDUE OF AT LEAST 90% BY WEIGHT WHEN TESTED IN ACCORDANCE W/ TXDOT SPEC (TEX-612-J)



D PAVERS @ CONCRETE

SCALE: 1"=1'-0"

NOTES:
1. CONTRACTOR TO PROVIDE 5' X 5' MIN. MOCK UP OF ALL MATERIALS, FORMING AND FINISH.
2. REFER TO MATERIALS SCHEDULE SHEET L3.00 FOR ALL COLORS, MATERIALS AND FINISHES.
3. CONTRACTOR TO PROVIDE SAMPLE OF PAVER FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO ORDERING MATERIALS.
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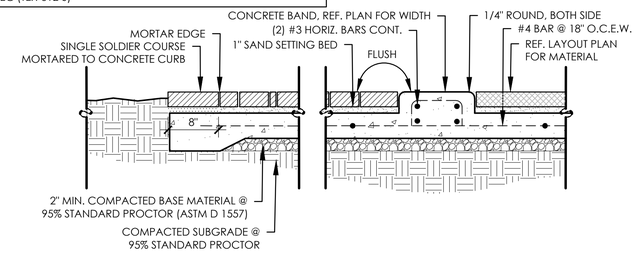
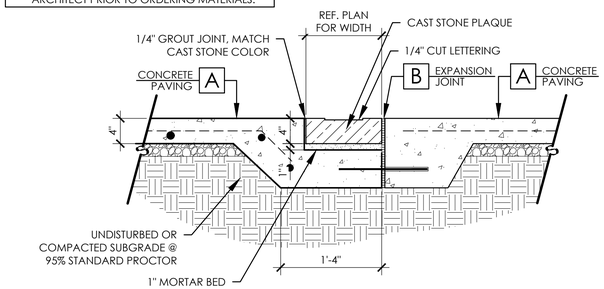


E CONCRETE BANDING

SCALE: 1" = 1'-0"

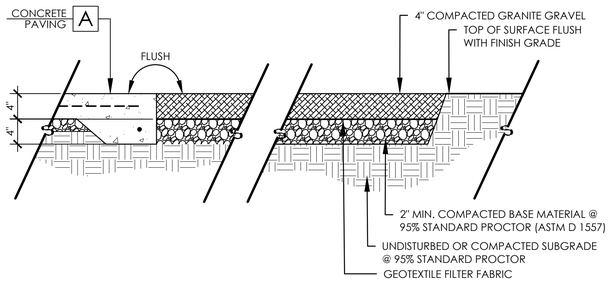
NOTES:
1. REFER TO MATERIALS SCHEDULE SHEET L3.0 FOR ALL COLORS, MATERIALS AND FINISHES.
2. PROVIDE SAMPLE OF CAST STONE WITH LETTERING FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO ORDERING MATERIALS.
3. PROVIDE PRODUCT DATA FOR MORTAR AND GROUT FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO ORDERING MATERIALS.



F CAST STONE

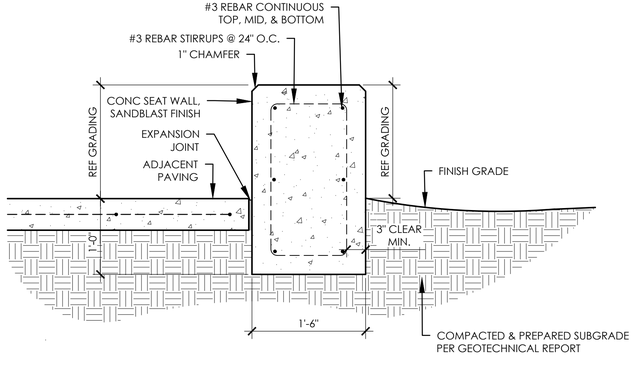
SCALE: 1" = 1'-0"

NOTE:
TREAT COMPACTED SUBGRADE WITH "ROUNDUP" PRIOR TO PLACEMENT OFGRANITE GRAVEL



G DECOMPOSED GRANITE

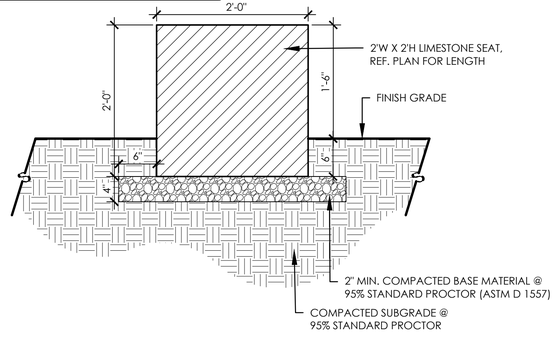
SCALE: 1" = 1'-0"



H CONCRETE SEAT WALL

SCALE: 1" = 1'-0"

NOTES:
CONTRACTOR TO PROVIDE NATURAL STONE AS FOLLOWS: LEUDERS LIMESTONE BLOCKS, MEDIUM DENSITY. DIMENSIONS SHALL BE 2'X2' WITH A MAXIMUM LENGTH OF 6'-0" AND MINIMUM LENGTH OF 3'-0". STONE COLOR SHALL BE "BUFF"; FRONT AND BACK OF STONE TO BE NATURAL FACE, TOP, ENDS AND BOTTOM SURFACES SHALL BE SAWN.



I CUT STONE SEAT

SCALE: 1"=1'-0"

REVISIONS

NO.	DATE	DESCRIPTION

SITE DETAILS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
tel: 210.267.5246
(TX REG. F-1114)

HAYS STREET BRIDGE PARK
SAN ANTONIO, TEXAS

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Bryan Kye Mask
L.A.# 2369

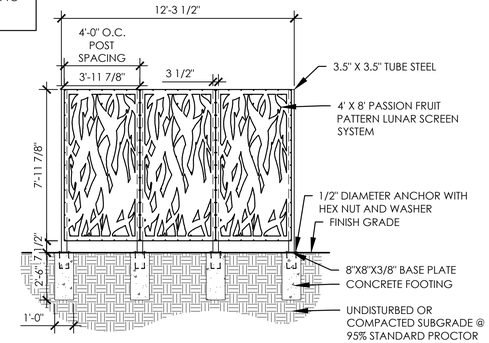
JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	DM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L3.01

FULL PATH: G:\Production\5000\5800\5835\005\PLAT\Drawings\100% Set\Plot Sheets\G:\Production\4600\5800\5835\005\PLAT\Drawings\100% Set\Plot Sheets\5835.005-Site Details
FILENAME: 5835.005-Site Details.dwg
PLOTTED BY: Damaris Martinez
PLOTTED ON: Monday, April 25, 2022
PLOTTED AT: 1:36:30 PM
PLOTTER NAME: _default PDF.pc3

4'X8' LUNAR SCREEN SYSTEM, EQUINOX SERIES, SQUARE BASE PLATES, DIRECT MOUNT HARDWARE

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. OR APPROVED EQUAL, REFER TO SHEET INDEX L3.00 FOR ADDITIONAL INFORMATION

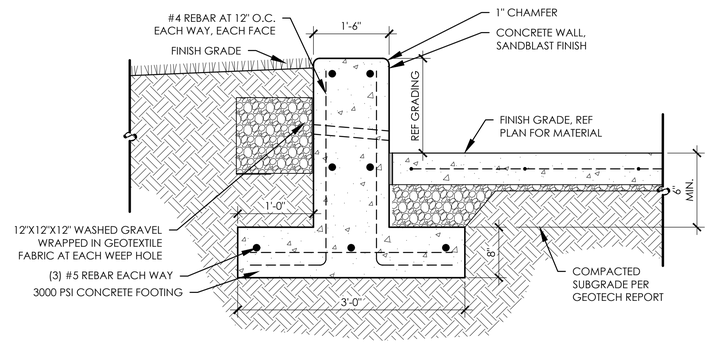
PARASOLEIL
T 303-589-4524
WWW.PARASOLEIL.COM
HELLO@PARASOLEIL.COM



C ARTISTIC PLANTER

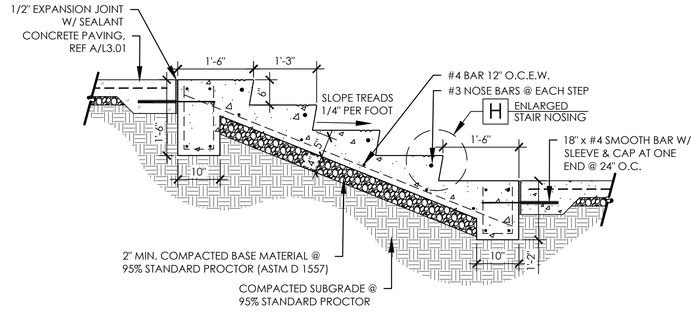
SCALE: 1/4"= 1'-0"

NOTE:
1. PROVIDE CONTROL JOINTS EVERY 10'-0" O.C.
2. PROVIDE 1-1/2" PVC WEEP HOLES 6'-0" O.C.



E CONCRETE RETAINING WALL

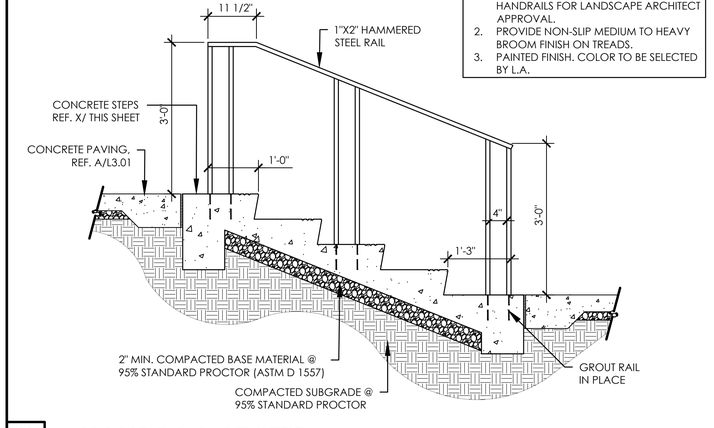
SCALE: 1" = 1' - 0"



F CONCRETE STEPS

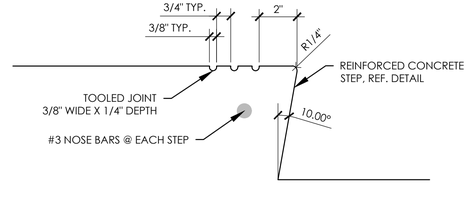
SCALE: 3/4'=1'-0"

NOTES:
1. SUBMIT SHOP DRAWINGS FOR ALL HANDRAILS FOR LANDSCAPE ARCHITECT APPROVAL.
2. PROVIDE NON-SLIP MEDIUM TO HEAVY BROOM FINISH ON TREADS.
3. PAINTED FINISH. COLOR TO BE SELECTED BY L.A.



G HANDRAIL AT STEP

SCALE: 3/4'=1'-0"



H ENLARGED STAIR NOSING

SCALE: 3"=1'-0"

REVISIONS

NO.	DESCRIPTION	DATE

SITE DETAILS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
tel: 210.267.5246
(TX REG. F-1114)

HAYS STREET BRIDGE PARK
SAN ANTONIO, TEXAS

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L.A.# 2369

JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	DM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L3.02

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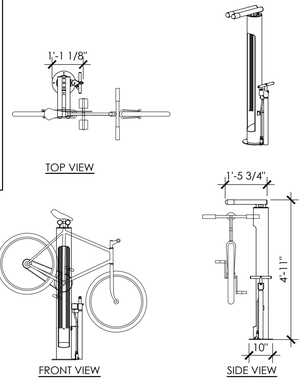
PLOTTED BY: Damaris Martinez
PLOTTED ON: Monday, April 04, 2022
PLOTTED AT: 11:36:20 PM
PLOTTER WITH: _plotted PDF.pc3

FIXIT

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. CONTACT: PARKS AND PLAY STRUCTURES
   JEFF MANKINS
   RECREATION CONSULTANT
   SOUTHERN TEXAS
   BUYBOARD-NATIONAL IPA
   210.468.9032
   jmankins@playandpark.com
3. OR APPROVED EQUAL, REFER TO SHEET INDEX L3.00 FOR ADDITIONAL INFORMATION

DERO
(888)337-6729



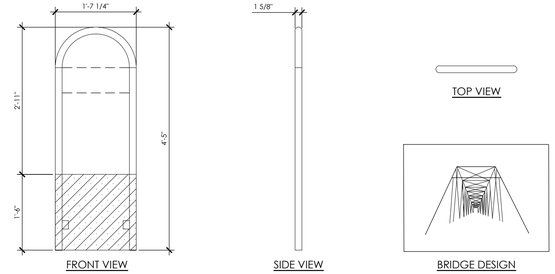
A BIKE REPAIR STATION

SCALE: 3/8"=1'0"

650 TRASH CONTAINERS

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. OR APPROVED EQUAL, REFER TO SHEET INDEX L3.00 FOR ADDITIONAL INFORMATION
3. COORDINATE CUSTOM LASER CUT DESIGN WITH MAGLIN

MAGLIN
T 800-716-5506
F 877-260-9393
WWW.MAGLIN.COM
SALES@MAGLIN.COM



B BIKE RACK

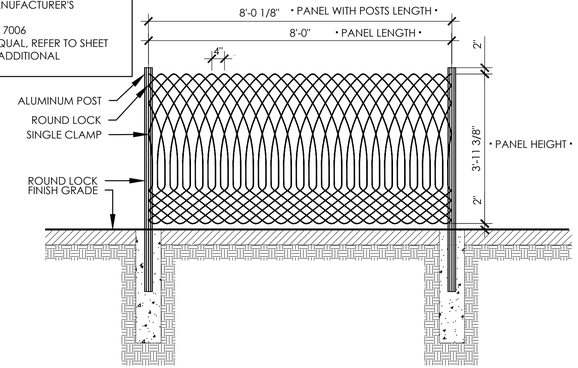
SCALE: 3/4" = 1'-0"

DMF FLORENCE FENCE 96"X48"

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. ALL DIMENSIONS ARE CONSIDERED TRUE AND REFLECT MANUFACTURER'S SPECIFICATIONS.
3. COLOR - BROWN 7006
4. OR APPROVED EQUAL, REFER TO SHEET INDEX L3.00 FOR ADDITIONAL INFORMATION

Designmaster

RODCO STEEL DISTRIBUTORS
MISSION, TEXAS
EMAIL: SALES@RODCOSTEEL.COM
PHONE: (956) 424-620
WWW.RODCOSTEEL.COM



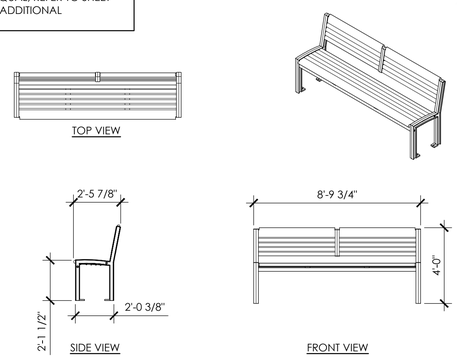
C FENCE

SCALE: 1/2" = 1'-0"

720 BENCH

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. OR APPROVED EQUAL, REFER TO SHEET INDEX L3.00 FOR ADDITIONAL INFORMATION

MAGLIN
T 800-716-5506
F 877-260-9393
WWW.MAGLIN.COM
SALES@MAGLIN.COM



D BENCH

SCALE: 1/4" = 1'-0"

720 CLUSTER SEATING

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
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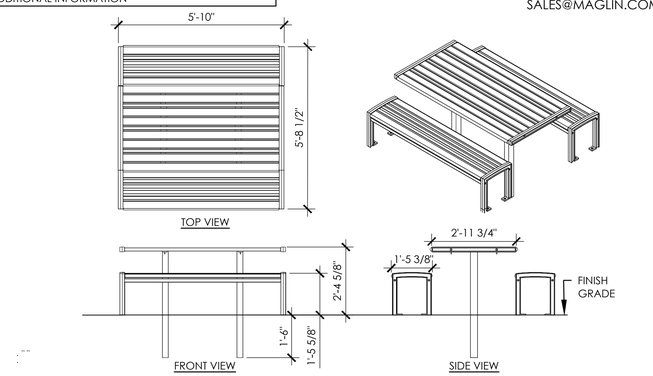
MAGLIN
T 800-716-5506
F 877-260-9393
WWW.MAGLIN.COM
SALES@MAGLIN.COM



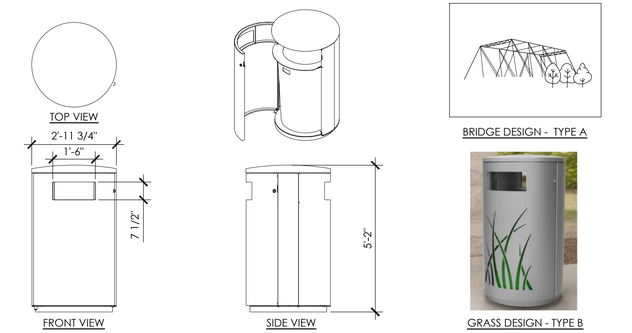
E ADA PICNIC TABLE

SCALE: 3/8" = 1'-0"

650 TRASH CONTAINERS

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. OR APPROVED EQUAL, REFER TO SHEET INDEX L3.00 FOR ADDITIONAL INFORMATION
3. COORDINATE CUSTOM LASER CUT DESIGN WITH MAGLIN

MAGLIN
T 800-716-5506
F 877-260-9393
WWW.MAGLIN.COM
SALES@MAGLIN.COM



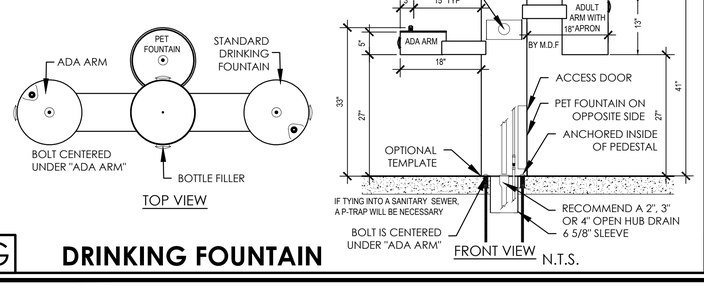
F TRASH RECEPTACLE

SCALE: 3/8" = 1'-0"

MODEL 10145 SM&SMSS
SHOWN WITH OPTIONAL 10"SS SURFACE CARRIER

NOTES:
1. MEETS ADA REGULATIONS.
2. OPTIONAL STAINLESS STEEL SURFACE CARRIER RECOMMENDED.
3. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
4. DO NOT SCALE DRAWING.
5. COLOR - BROWN.
6. OR APPROVED EQUAL, REFER TO SHEET INDEX L3.00 FOR ADDITIONAL INFORMATION

MOST DEPENDABLE FOUNTAINS
5705 COMMANDER DR. P.O BOX 587
ARLINGTON, TN 38002-0587
1-800-552-6331
T 901-867-0039
F 901-867-0159
www.mostdependable.com



G DRINKING FOUNTAIN

720 BACKLESS BENCH

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. OR APPROVED EQUAL, REFER TO SHEET INDEX L3.00 FOR ADDITIONAL INFORMATION

MAGLIN
T 800-716-5506
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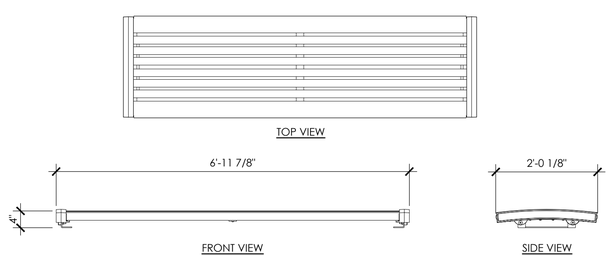
WWW.MAGLIN.COM
SALES@MAGLIN.COM



H BACKLESS BENCH

SCALE: 3/4" = 1'-0"

REVISIONS

NO.	DATE	DESCRIPTION

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
tel: 210.267.5246
(TX REG. F-1114)

SITE FURNITURE DETAILS

HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

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Bryan Kye Mask
L.A.# 2369

JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	DM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L3.03

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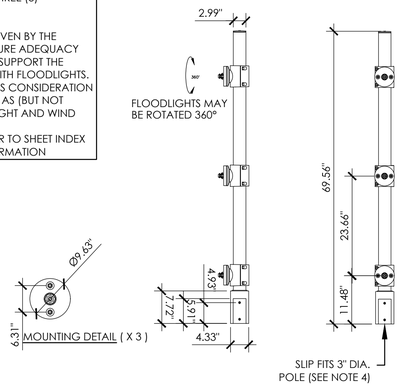
FILENAME: 5835.005-Site Details.dwg
PLOTTED BY: Daniela Martinez
PLOTTED ON: Monday, April 25, 2022
PLOTTED AT: 1:30:30 PM
PLOTTED WITH: ctb\Arch-ARCH.pc3

BEGA #70 763

NOTES:
1. ACCESSORY #70 763- SEE SPECIFICATIONS
2. POLE TOP MOUNTING FOR THREE (3) FLOODLIGHTS.
3. STANDARD BEGA FINISHES.
4. CONSIDERATION MUST BE GIVEN BY THE DESIGNER/SPECIFIER TO ASSURE ADEQUACY OF POLE DESIGN TO SAFELY SUPPORT THE WIND LOAD OF POLE TOP WITH FLOODLIGHTS. LIGHT POLE DESIGN REQUIRES CONSIDERATION OF FIELD CONDITIONS SUCH AS (BUT NOT LIMITED TO) WIND ZONE, HEIGHT AND WIND LOADING.
5. OR APPROVED EQUAL, REFER TO SHEET INDEX L3.00 FOR ADDITIONAL INFORMATION

BEGA
805.684.0533
info@bega-us.com



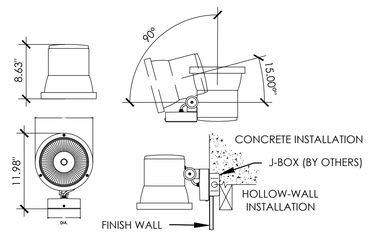
A 3 FIXTURE LIGHT POLE CAP

SCALE: 3/4" = 1'-0"

LUMINAIRE #77 689

NOTES:
1. LUMINAIRE # 77 689 - SEE SPECIFICATIONS
2. OR APPROVED EQUAL, REFER TO SHEET INDEX L3.00 FOR ADDITIONAL INFORMATION

BEGA
805.684.0533
info@bega-us.com



B COMPACT FLOODLIGHT

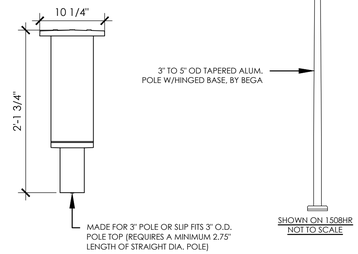
SCALE: 1" = 1'-0"

LUMINAIRE #77 689

NOTES:
1. LUMINAIRE #77 689- SEE SPECIFICATIONS, TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
2. OR APPROVED EQUAL, REFER TO SHEET INDEX L3.00 FOR ADDITIONAL INFORMATION
3. CONTACT INFORMATION:
   DENNIS GOLSCH AT SPECTRUM LIGHTING
   TEL: 210-930-7533 , CELL: 210-784-7670
   EMAIL: DGOLSCH@SPECTRUMSA.COM

BEGA
805.684.0533
info@bega-us.com

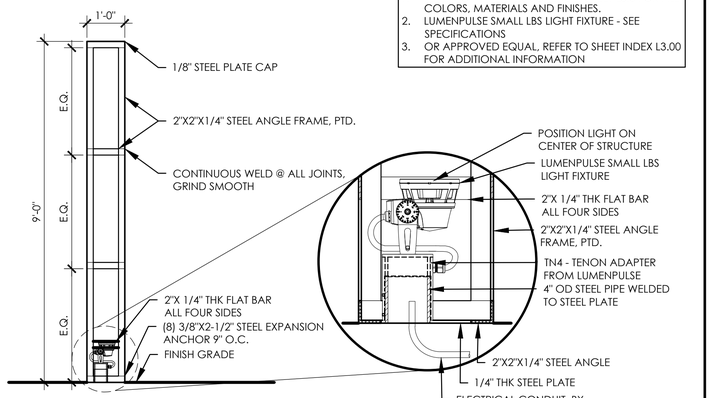
EXAMPLE IMAGE



C POLE TOP LUMINAIRE

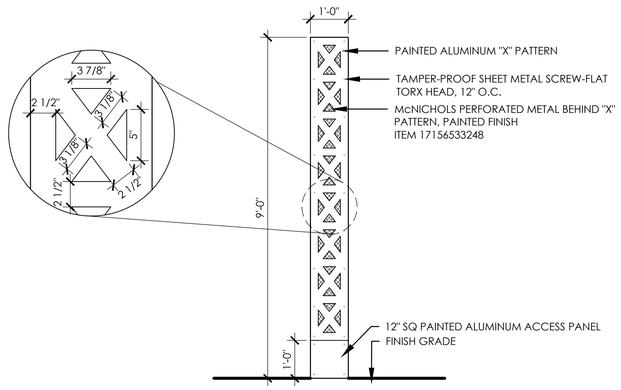
SCALE: 1" = 1'-0"

NOTES:
1. REFER TO MATERIALS SCHEDULE SHEET L3.0 FOR ALL COLORS, MATERIALS AND FINISHES.
2. LUMENPULSE SMALL LBS LIGHT FIXTURE - SEE SPECIFICATIONS
3. OR APPROVED EQUAL, REFER TO SHEET INDEX L3.00 FOR ADDITIONAL INFORMATION



D ACCENT LIGHT (FRAME)

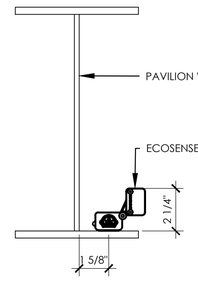
SCALE: 1/2" = 1'-0"



E ACCENT LIGHT (ELEVATION)

SCALE: 1/2" = 1'-0"

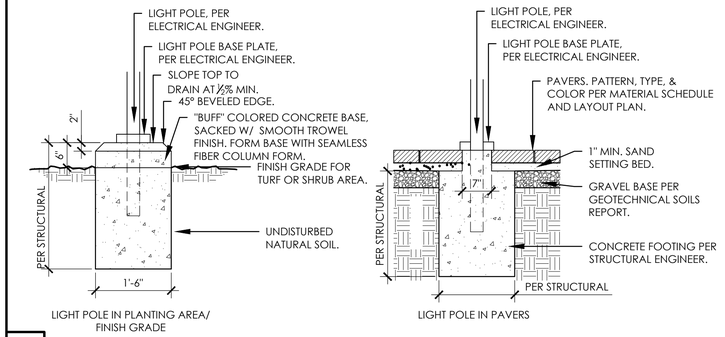
NOTES:
1. ECOSENSE TROV L50 ASYMMETIC 48" - SEE SPECIFICATIONS
2. LUMINAIRE TO BE ADJUSTED IN FIELD TO BROADCAST ACROSS T&G CEILING
3. OR APPROVED EQUAL, REFER TO SHEET INDEX L3.00 FOR ADDITIONAL INFORMATION



F PAVILION LIGHT

SCALE: 3" = 1' - 0"

NOTES:
1. FOOTING DIMENSION AND REINFORCING PER STRUCTURAL ENGINEER'S DETAIL.
2. REFERENCE SITE PLAN & MATERIAL SCHEDULE SHEET L3.00 FOR COLORS, MATERIALS, AND FINISHES.
3. LOCATE POLE BASES IN PLANTING AREAS TO BE 24" MINIMUM CLEAR OF HARDSCAPE SURFACES OR FACE OF CURB.



G LIGHT POLE FOOTING

SCALE: 3/4"=1'-0"

LIGHTING SCHEDULE

SYMBOL	QTY	MANUFACTURER	SPECIFICATION	DESCRIPTION	INSTALLATION	CONTROLS
A	16	BEGA	77 165-31W-LED-3000K-80 CRI-BRZ	Pole top luminaire with asymmetric flat beam light distribution.	Install per Manufacturer's instructions	Install with Photoelectric cell. See Specs for further information.
A POLE 1	14	BEGA	16 RHTS1-BRZ	16' tall hinged round tapered pole.	Install per Manufacturer's instructions	
A POLE 2	2	BEGA	16 RHTS1-BRZ-GFCI	16' tall hinged round tapered pole with GFCI outlet.	Install per Manufacturer's instructions	
B	12	BEGA	77 689-48,2W-LED-3000K-90 CRI-BRZ	Compact floodlight wide beam.	Install per Manufacturer's instructions	
B POLE TOP	4	BEGA	70 763-BRZ	Pole top with (3) multiple configuration floodlights. Luminaires mounted height of 15', 17', and 19' above finish grade.	Install per Manufacturer's instructions	
B POLE 1	2	DENNIS TO PROVIDE	BRZ-GFCI	14' tall hinged round non-tapered pole with 3" OD top & GFCI outlet.	Install per Manufacturer's instructions	
B POLE 2	2	DENNIS TO PROVIDE	BRZ	14' tall hinged round non-tapered pole with 3" OD top.		
C	5	Lumenpulse	LBS-*-30K-NF-BK-NO-*-BK	Small LED luminaire internally mounted within custom accent light structure.	Install per Manufacturer's instructions	
D	6	Ecosense	L50-E-48-12-30-80-*-ASYM	Wide range asymmetric ceiling wash luminaire mounted to pavilion w-flange structure centered between web-joists.	Install per Manufacturer's instructions	

NOTE: CONTACT DENNIS GOLSCH AT SPECTRUM LIGHTING FOR ORDERING INFORMATION. CELL: 210-784-7670/TEL: 210-930-7533/EMAIL: DGOLSCH@SPECTRUMSA.COM

NO.	DATE	REVISIONS DESCRIPTION

LIGHTING DETAILS

HAYS STREET BRIDGE PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
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DESIGNED BY:	TLL
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DATE:	APRIL 25, 2022
SHEET:	L3.04

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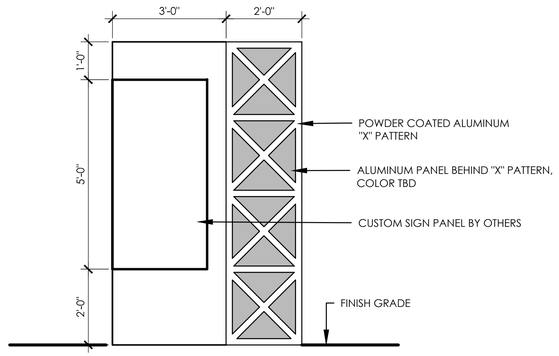
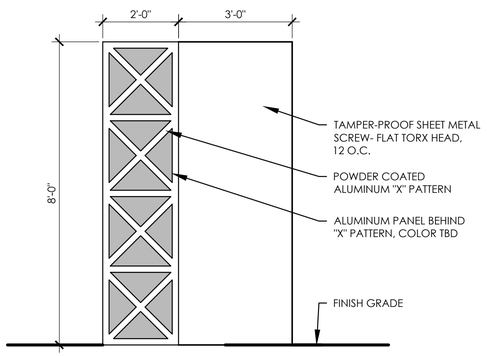
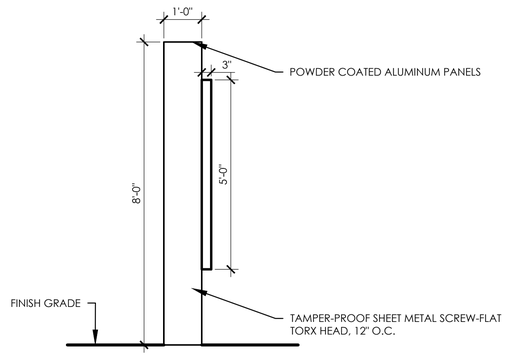
PLOTTED BY: Dariana Ramirez
PLOTTED ON: Monday, April 25, 2022
PLOTTED AT: 1:36:41 PM
PLOTTER TYPE: Adobe PDF.pc3



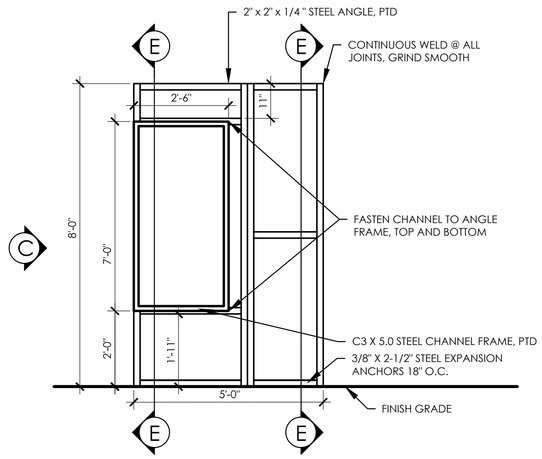
A **MONUMENT SIGNAGE PANELS (FRONT ELEVATION)** SCALE: 1/2" = 1' - 0"



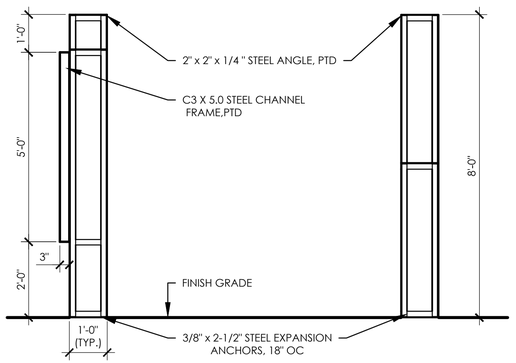
B **MONUMENT SIGNAGE PANELS (BACK ELEVATION)** SCALE: 1/2" = 1' - 0"



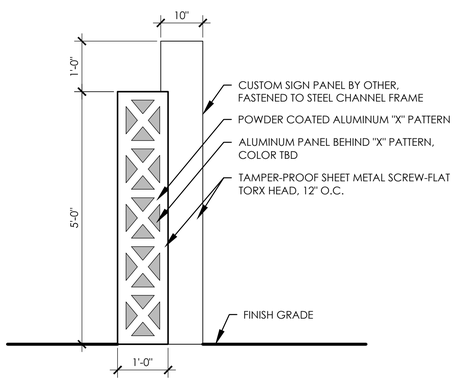
C **MONUMENT SIGNAGE PANELS (SIDE ELEVATION)** SCALE: 1/2" = 1' - 0"



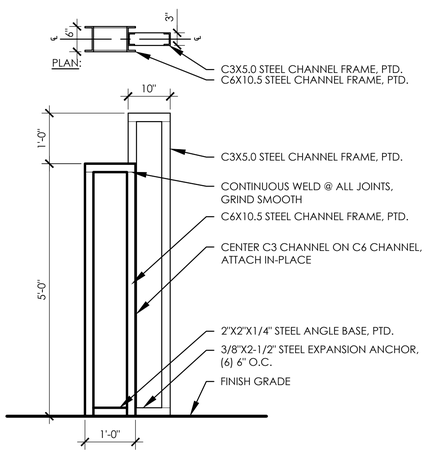
D **MONUMENT SIGNAGE FRAME** SCALE: 1/2" = 1' - 0"



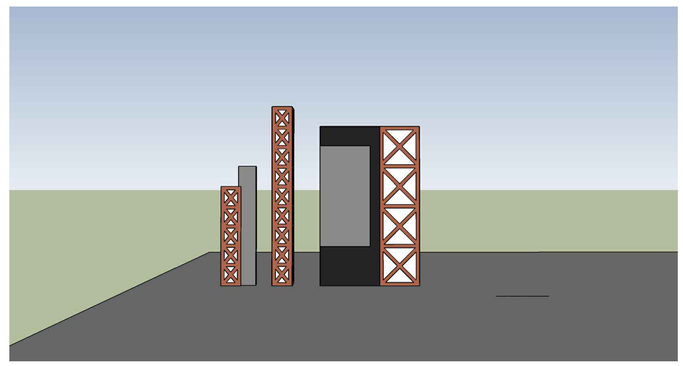
E **MONUMENT SIGNAGE FRAME (SECTION)** SCALE: 1/2" = 1' - 0"



F **BLADE SIGN (ELEVATION)** SCALE: 3/4" = 1'-0"



G **BLADE SIGN (SECTION)** SCALE: 3/4" = 1'-0"



H **MONUMENT SIGNS - VIEW 1** SCALE: N.T.S.

REVISIONS

NO.	DATE	DESCRIPTION

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
tel: 210.267.5246
(TX REG. F-1114)

MONUMENT DETAILS

HAYS STREET BRIDGE PARK
SAN ANTONIO, TEXAS

PRELIMINARY
FOR REVIEW ONLY
These documents are for Design Review and not intended for Construction, Bidding or Permit Purposes. They were prepared by, or under the supervision of:
Bryan Kye Mask
L.A.# 2369

JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	DM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L3.05

FILE PATH: G:\Production\5000\5058\5835\005\PLAN\Drawings\100% Set\Plot Sheets\G:\Production\4000\5058\5835\005\PLAN\Drawings\100% Set\Plot Sheets\5835.005-Site Details

FILENAME: 5835.005-Site Details.dwg
PLOTTED BY: Damaris Martinez
PLOTTED ON: Wednesday, May 04, 2022
PLOTTED AT: 1:35:36 PM
PLOTTER NAME: _Default PDF.pc3

HAYS ST BRIDGE
INSPIRATION IMAGE

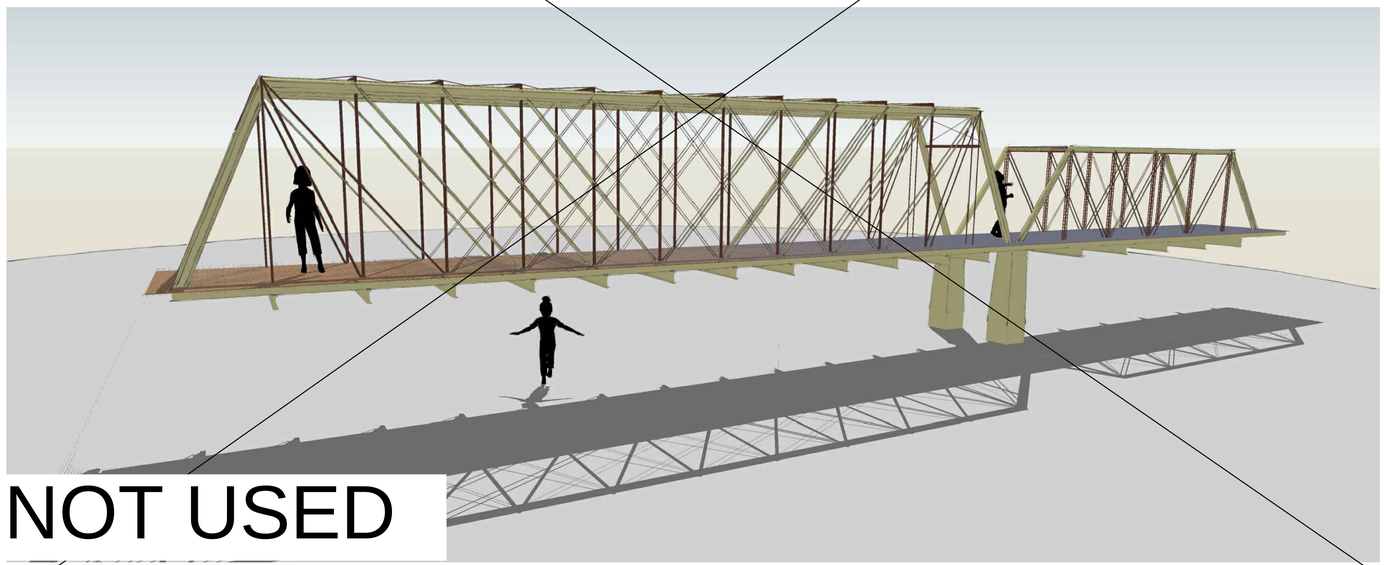
A PLAYGROUND STRUCTURE THAT REPRESENTS THE HAYS STREET BRIDGE SWILL CONNECT BOTH PLAYGROUND AREAS.

IN THE PLAY AREA BELOW THERE WILL BE A TRAIN PLAY ELEMENT ALONG WITH SMALLER RAILROAD ELEMENTS. THE HAYS ST BRIDGE WAS ONCE THE ONLY CONNECTION TO DOWNTOWN OVER THE RAILROAD TRACKS FROM THE HISTORIC EASTSIDE NEIGHBORHOOD.

BOTH THE BRIDGE AND RAILROAD ARE HISTORICALLY ATTACHED TO THIS NEIGHBORHOOD AND ARE STILL IMPORTANT CONNECTIONS TO THIS DAY.

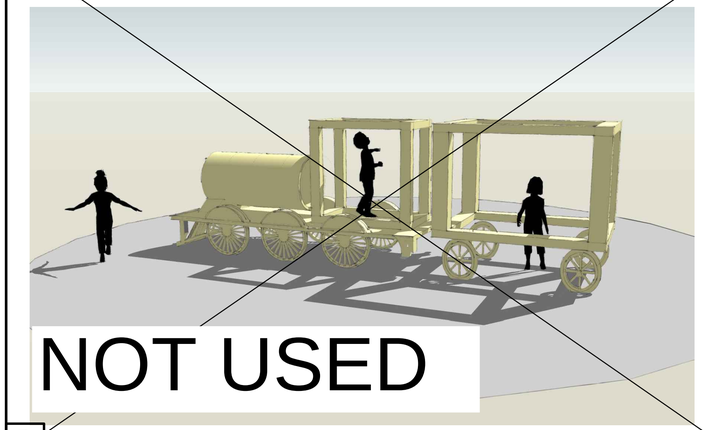
DUNAWAY IS IN COORDINATION WITH EARTHSCAPE ON SOME CUSTOM DESIGNED WOODEN PLAYGROUND FEATURES.

THESE DESIGNS ARE SCHEMATIC IN NATURE AND WILL BE FURTHER DEVELOPED AS DESIGN PROCEEDS.



NOT USED

A **HAYS STREET BRIDGE PLAYGROUND** SCALE: N.T.S.

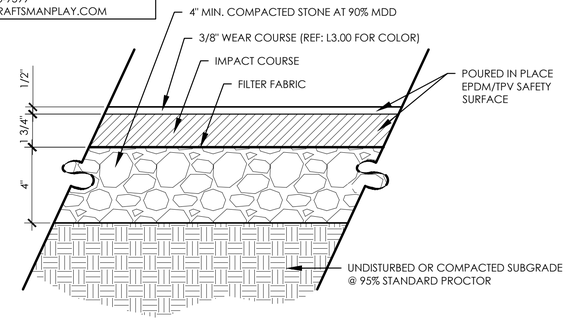


NOT USED

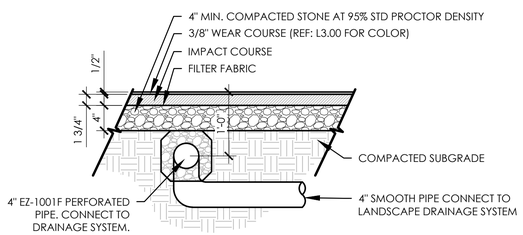
B **TRAIN PLAYGROUND** SCALE: N.T.S.

NOTE:
REFERENCE MANUFACTURER'S STANDARDS FOR INSTALLATION.

CONTACT: KRAFTSMAN COMMERCIAL PLAYGROUNDS & WATER PARKS
(281) 353-9599
WWW.KRAFTSMANPLAY.COM

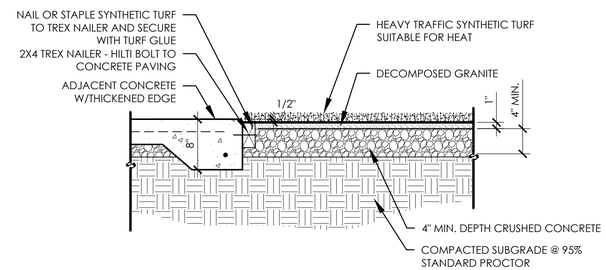


C **PLAYGROUND SURFACE** SCALE: 3" = 1'-0"



D **PLAYGROUND SURFACE @ WALK** SCALE: 1" = 1'-0"

NOTES:
1. INSTALL CONTROL JOINTS AT 6' O.C.
2. SYNTHETIC TURF TO BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
3. CONTRACTOR TO USE SYNAUGUSTINE547 FROM SNYLAWN TEXAS OR APPROVED EQUAL, REFER TO SHEET INDEX L3.00 FOR ADDITIONAL INFORMATION.
   SYNLAWN TEXAS 10101 FM1102
   NEW BRAUNFELS, TX 78130
   TEL: 512-298-5112
4. CONTRACTOR SHALL SUPPLY SAMPLE FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO ORDERING.



E **SYNTHETIC TURF** SCALE: 1" = 1'-0"

F

REVISIONS

NO.	DATE	DESCRIPTION

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
tel: 210.267.5246
(TX REG: F-11141)

PLAYGROUND DETAILS

HAYS STREET BRIDGE PARK
SAN ANTONIO, TEXAS

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Bryan Kye Mask
L.A.# 2369

JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	DM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L3.07

FULL PATH: G:\Production\4000\5800\5835\005\PLA\Drawings\100% Set\Plot Sheets\5835.005 Site Details

FILENAME: 5835.005 Site Details.dwg
PLOTTED BY: Daniela Martinez
PLOTTED ON: Monday, April 25, 2022
PLOTTED AT: 1:31:15 PM
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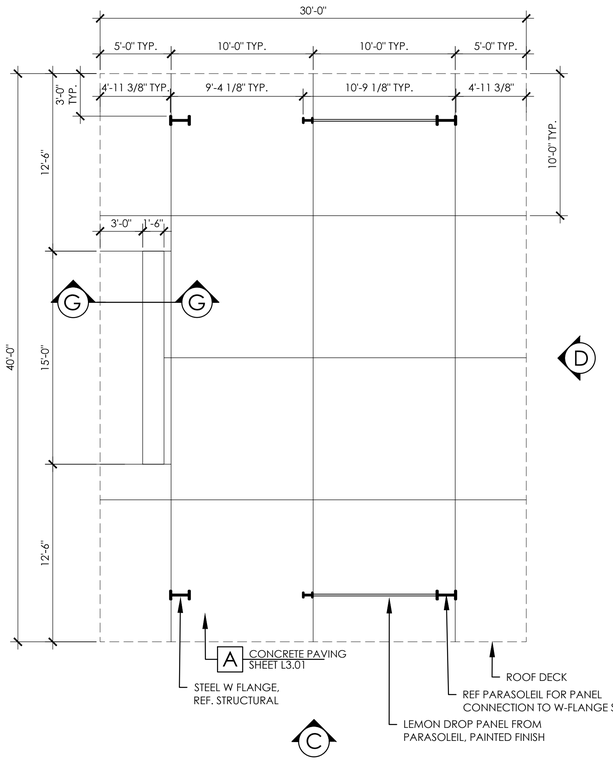
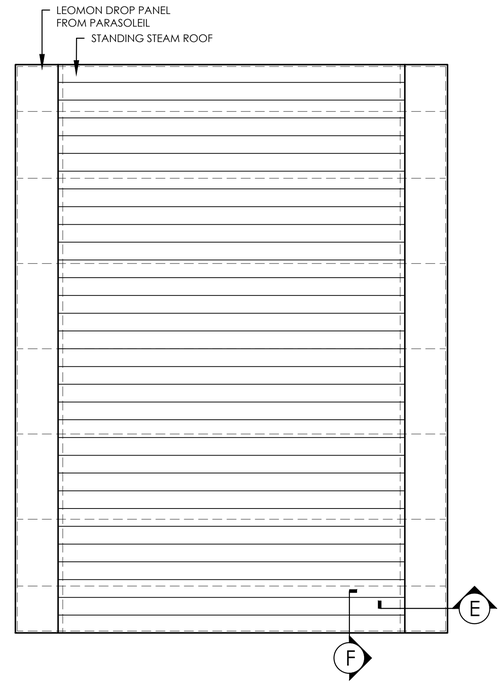
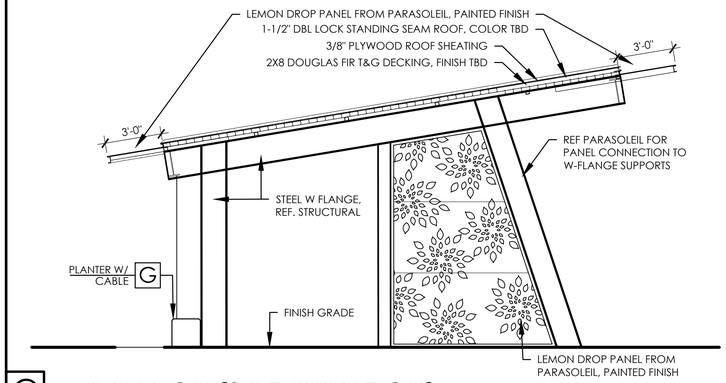


A **PAVILION FOUNDATION (PLAN)** SCALE: 3/16" = 1'-0"



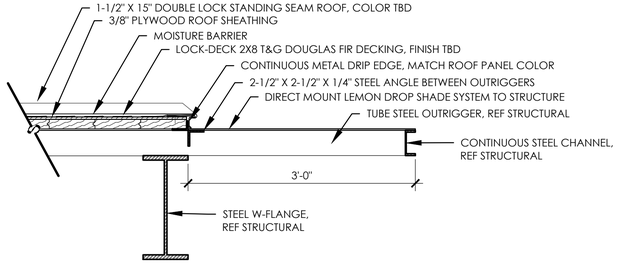
B **PAVILION ROOF (PLAN)** SCALE: 3/16" = 1'-0"

NOTES:
1. REFER TO MATERIALS SCHEDULE SHEET L3.0 FOR ALL COLORS, MATERIALS AND FINISHES.
2. OR APPROVED EQUAL, REFER TO SHEET INDEX L3.00 FOR ADDITIONAL INFORMATION

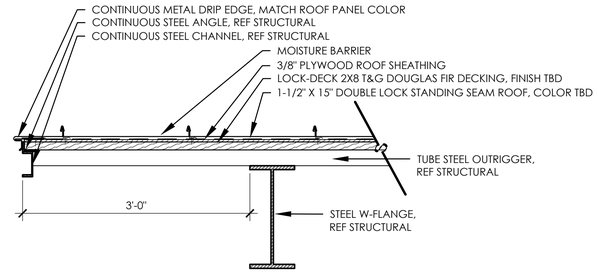


C **PAVILION (SIDE ELEVATION)** SCALE: 1/4" = 1'-0"

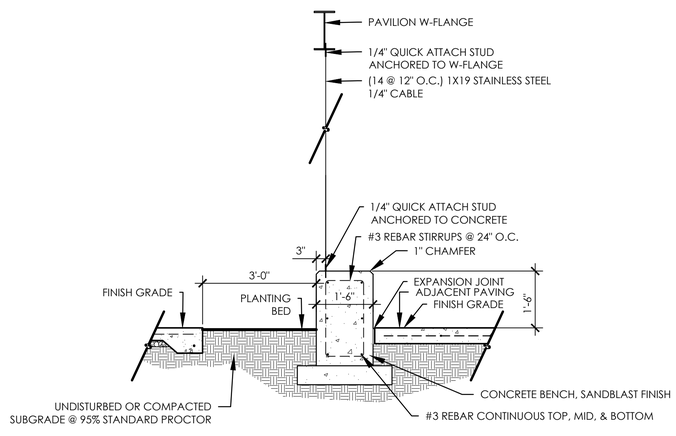
D **PAVILION (FRONT ELEVATION)** SCALE: 3/16" = 1'-0"



E **DECORATIVE SHADE PANEL** SCALE: 1" = 1' - 0"



F **STANDING SEAM ROOF** SCALE: 1" = 1' - 0"



G **PLANTER W/ CABLE** SCALE: 1/2" = 1'-0"

REVISIONS

NO.	DATE	DESCRIPTION

PAVILION DETAILS

HAYS STREET BRIDGE PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
tel: 210.267.5246
[TX REG. F-1114]

PRELIMINARY
FOR REVIEW ONLY
These documents are for Design Review and not intended for Construction, Bidding or Permit Purposes. They were prepared by, or under the supervision of:
Bryan Kye Mask
L.A.# 2369

JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	DM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L3.08

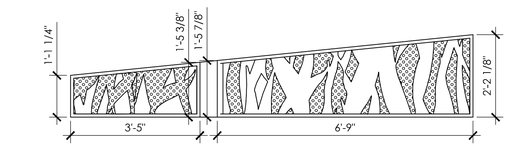
FULL PATH: G:\Production\4000\5835\03\5835005\PLA\Drawings\100% Set\Plot Sheets\G:\Production\4000\5835\03\5835005\PLA\Drawings\100% Set\Plot Sheets\5835.005-Site Details
FILENAME: 5835.005-Site Details.dwg
PLOTTED BY: Daniela Narvaez
PLOTTED ON: Monday, April 25, 2022
PLOTTED AT: 1:31:25 PM
PLOTTED WITH: _ctb\Mono.ctb*.pc3

PARASOLEIL

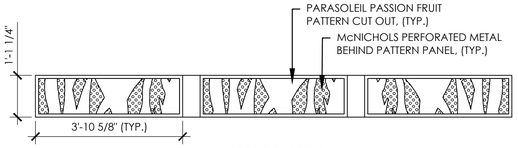
NOTES:
1. PATTERN CUT OUT TO BE PASSION FRUIT, POWDER COAT FINISH TBD.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. CONTACT INFORMATION:
   ADDRESS: 6510 W. 91ST AVENUE, SUITE 100 WESTMINSTER, CO 80031
   EMAIL: HELLO@PARASOLEIL.COM
   PHONE: 303-589-4524
4. OR APPROVED EQUAL, REFER TO SHEET INDEX L3.00 FOR ADDITIONAL INFORMATION

McNICHOLS

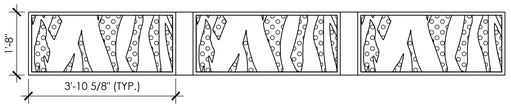
NOTES:
1. PERFORATED METAL, ROUND, ALUMINUM,.0320" THICK (20 GAUGE), 0.117" ROUND ON 0.156" STAGGERED CENTERS, 51% OPEN AREA, PAINTED
2. ITEM NUMBER: 1715533248
3. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
4. CONTACT INFORMATION:
   ADDRESS: 16405 AIR CENTER BLVD. #100
   HOUSTON, TX 77032
   EMAIL: MCNICHOLS.COM
   EMAIL: (877) 959-7259
4. OR APPROVED EQUAL, REFER TO SHEET INDEX L3.00 FOR ADDITIONAL INFORMATION



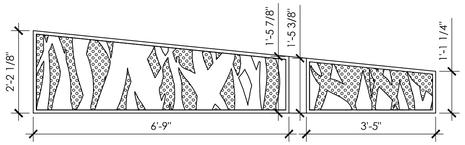
LEFT SIDE ELEVATION



REAR ELEVATION



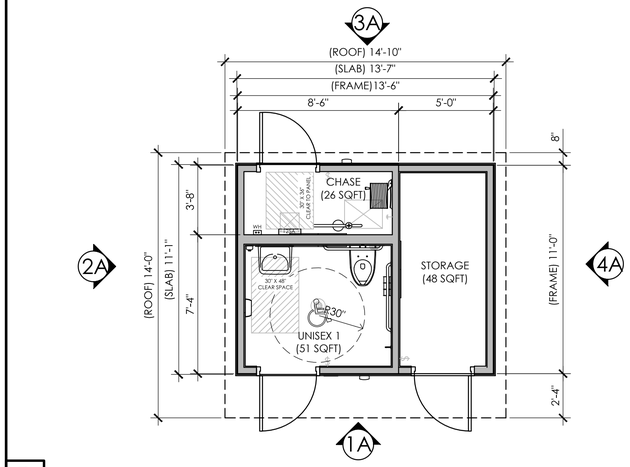
FRONT ELEVATION



RIGHT SIDE ELEVATION

A RESTROOM MESH SCREEN - A

SCALE: 1/2" = 1'-0"



B RESTROOM A (PLAN)

SCALE: 1/4" = 1'-0"

PARASOLEIL

NOTES:
1. PATTERN CUT OUT TO BE DAWN GRILLE, POWDER COAT FINISH TBD.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. CONTACT INFORMATION:
   ADDRESS: 6510 W. 91ST AVENUE, SUITE 100 WESTMINSTER, CO 80031
   EMAIL: HELLO@PARASOLEIL.COM
   PHONE: 303-589-4524
4. OR APPROVED EQUAL, REFER TO SHEET INDEX L3.00 FOR ADDITIONAL INFORMATION

McNICHOLS

NOTES:
1. PERFORATED METAL, ROUND, ALUMINUM,.0320" THICK (20 GAUGE), 0.117" ROUND ON 0.156" STAGGERED CENTERS, 51% OPEN AREA, PAINTED
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   EMAIL: MCNICHOLS.COM
   EMAIL: (877) 959-7259
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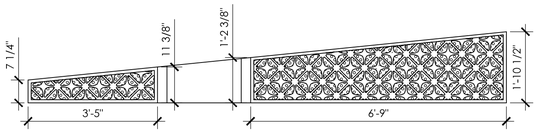
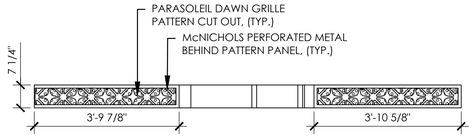
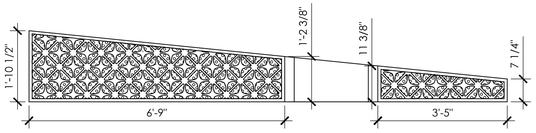


LEFT SIDE ELEVATION



REAR ELEVATION

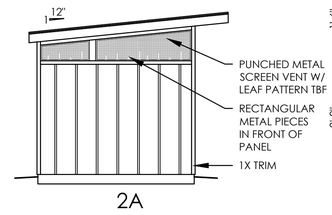
FRONT ELEVATION

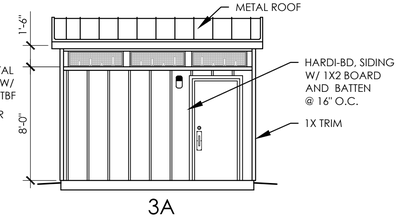


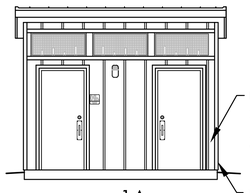
RIGHT SIDE ELEVATION

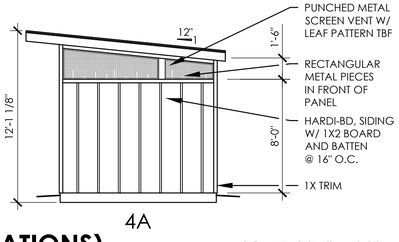
C RESTROOM MESH SCREEN - B

SCALE: 1/2" = 1'-0"



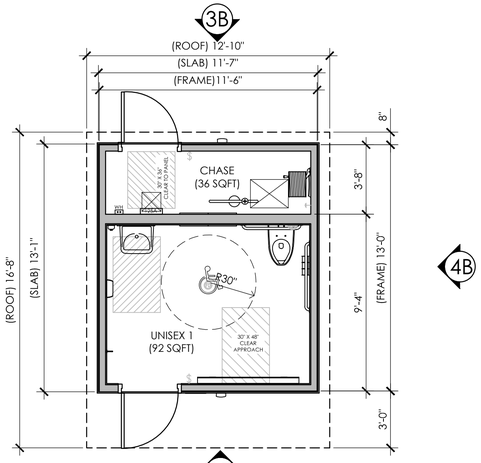






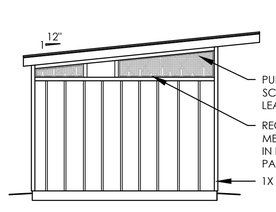
D RESTROOM A (ELEVATIONS)

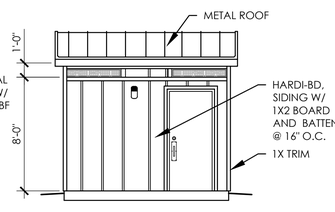
SCALE: 3/16" = 1'-0"

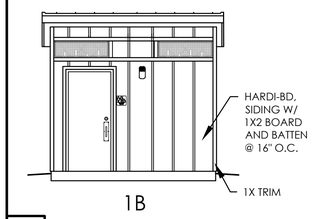


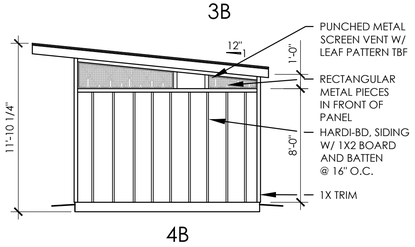
E RESTROOM B (PLAN)

SCALE: 1/4" = 1'-0"









F RESTROOM B (ELEVATIONS)

SCALE: 3/16" = 1'-0"

NOTE: RFL WAS USED AS THE BASIS OF DESIGN. ANY REQUESTS FOR A SUBSTITUTION/EQUAL MUST BE SUBMITTED TO THE OWNER AND PROJECT LANDSCAPE ARCHITECT FOR CONSIDERATION PRIOR TO THE END OF BIDDERS QUESTIONS/RFI DEADLINE. SUBSTITUTIONS MUST INCLUDE THE FOLLOWING, NO EXCEPTIONS: AN EQUIVALENT DESIGN INCLUDING TECHNICAL DESIGN PLANS AND SPECIFICATIONS; MAINTENANCE REQUIREMENTS FOR PROPOSED DESIGN AND PRODUCTS; WARRANTY INFORMATION; THREE (3) REFERENCES INCLUDE CONTACT INFORMATION FOR EQUIVALENT SIZE AND BUDGET PROJECTS; AND REFERENCE T ONE INSTALLATION, INCLUDING OWNER REFERENCE INFORMATION, FOR A PUBLIC OR PRIVATE INSTALLATION WITHIN 150 MILES OF THE SAN ANTONIO METRO AREA.

REVISIONS

NO.	DATE	DESCRIPTION

RESTROOM DETAILS

HAYS STREET BRIDGE PARK
SAN ANTONIO, TEXAS

DUNAWAY
1118 Broadway Suite 201 San Antonio, Texas 78205
tel: 210.267.5246
(TX REG. F-11141)

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Bryan Kye Mask
L.A.# 2369

JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	MLM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L3.09

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PLOTTED BY: Dawson Martinez
PLOTTED ON: Monday, April 25, 2022
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NOTES:
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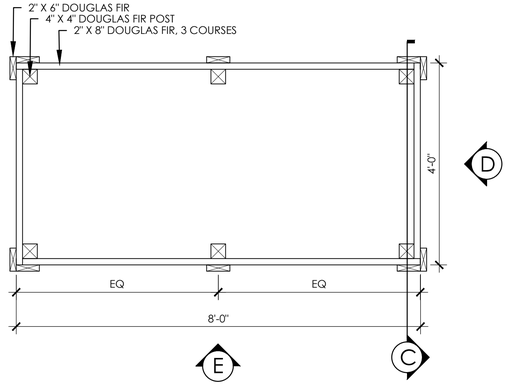
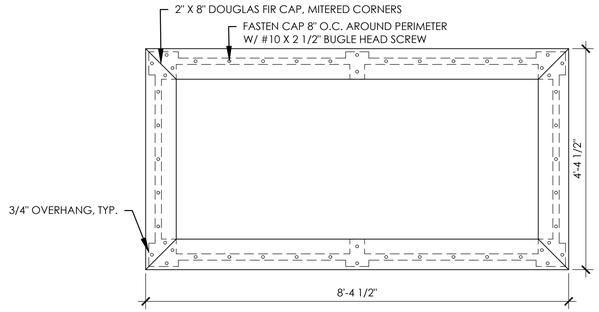


A 4X8 RAISED GARDEN STRUCTURE

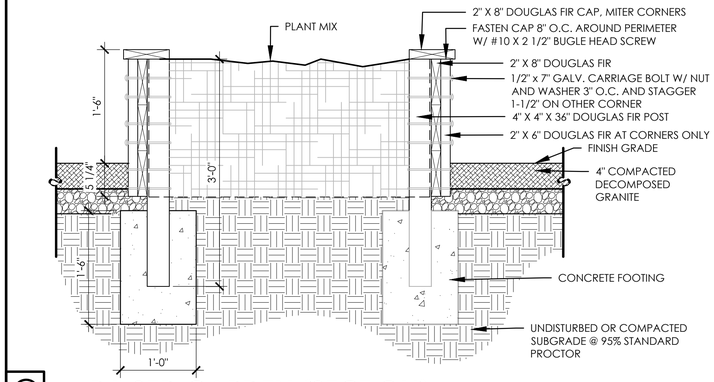
SCALE: 3/4" = 1'-0"



B 4X8 RAISED GARDEN CAP

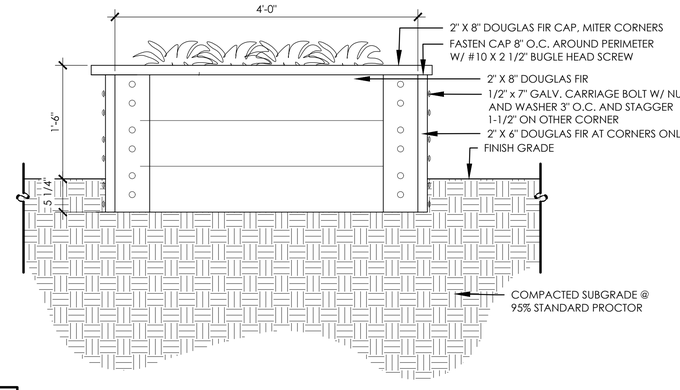
SCALE: 3/4" = 1'-0"

NOTES:
1. TREAT INTERIOR WOOD SURFACE W/ 2 COATS OF INTERNAL WOOD STABILIZER FROM TIMBER PRO COATING



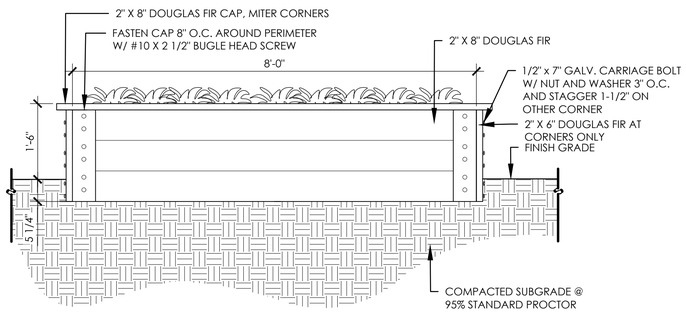
C RAISED GARDEN (SECTION)

SCALE: 1" = 1'-0"



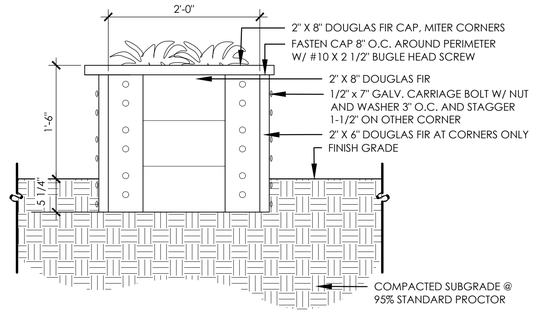
D 4X8 RAISED GARDEN (ELEVATION B)

SCALE: 1" = 1'-0"



E 4X8 RAISED GARDEN (FRONT ELEVATION A)

SCALE: 3/4" = 1'-0"



F 2X4 RAISED GARDEN (SIDE ELEVATION)

SCALE: 1" = 1'-0"

NOTES:
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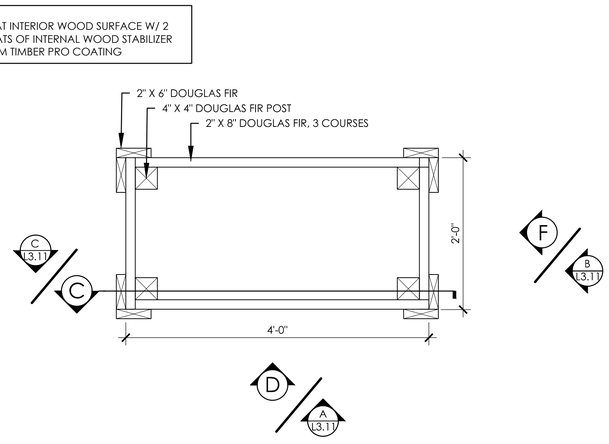
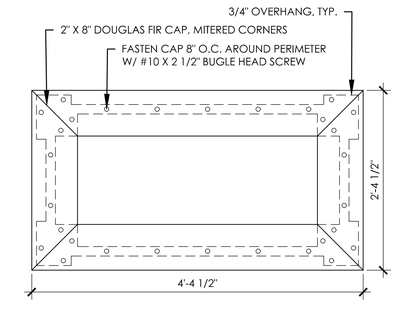


G 2X4 RAISED GARDEN STRUCTURE

SCALE: 1" = 1'-0"



H 2X4 RAISED GARDEN CAP

SCALE: 1" = 1'-0"

REVISIONS

NO.	DATE	DESCRIPTION

COMMUNITY GARDEN DETAILS

HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
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(TX REG: F-11141)

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DESIGNED BY:	TLL
DRAWN BY:	MLM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L3.10

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PLOTTED ON: Monday, April 04, 2022
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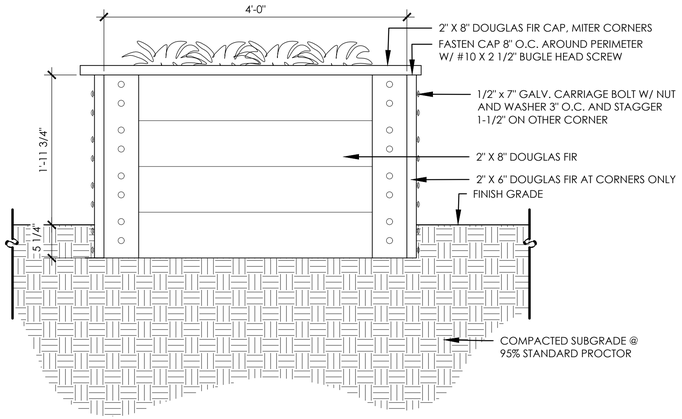
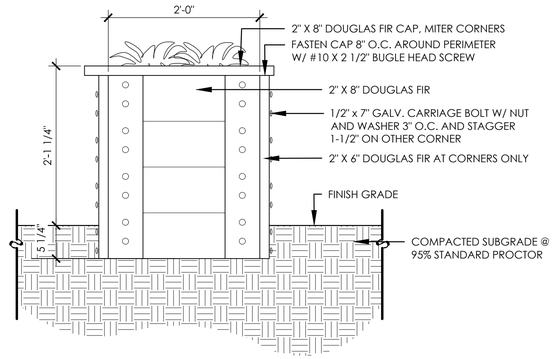
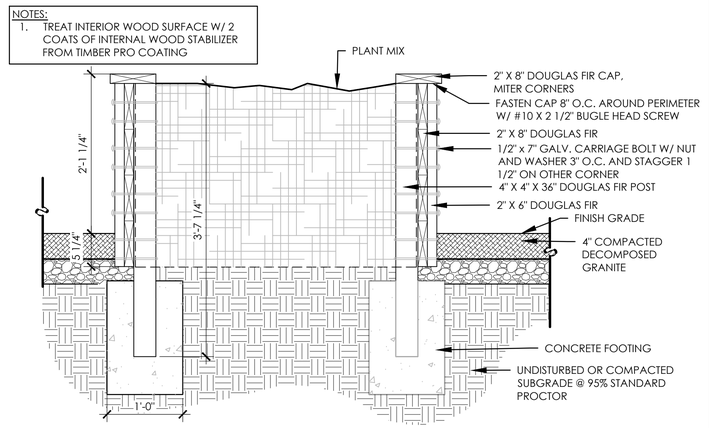


A **2X4 CHILDREN ADA RAISED GARDEN (ELEVATION B)** SCALE: 1" = 1'-0"



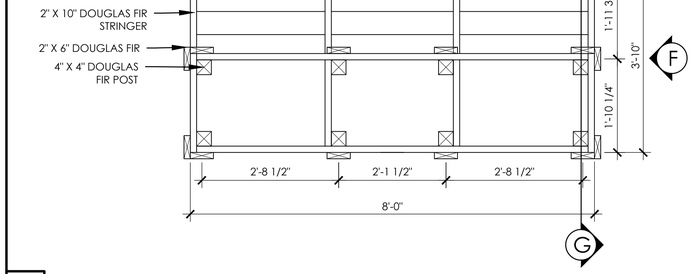
B **2X4 CHILDREN ADA RAISED GARDEN (ELEVATION)** SCALE: 1" = 1'-0"

NOTES:
1. TREAT INTERIOR WOOD SURFACE W/ 2 COATS OF INTERNAL WOOD STABILIZER FROM TIMBER PRO COATING

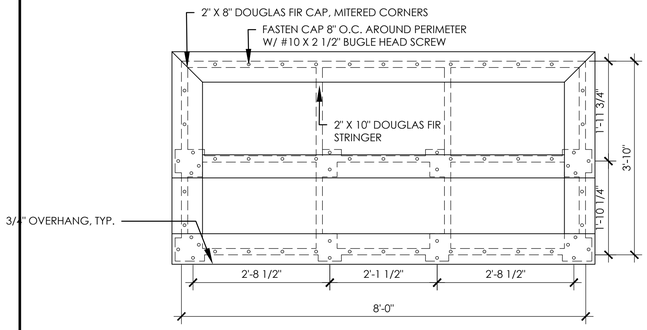


C **2X4 CHILDREN ADA RAISED GARDEN (SECTION)** SCALE: 1" = 1'-0"

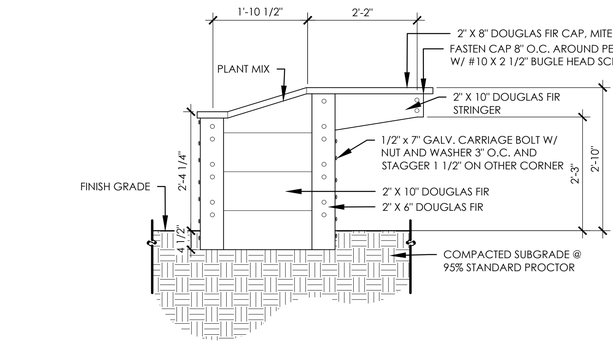
NOTES:
1. TREAT INTERIOR WOOD SURFACE W/ 2 COATS OF INTERNAL WOOD STABILIZER FROM TIMBER PRO COATING



D **ADA RAISED GARDEN STRUCTURE** SCALE: 3/4" = 1'-0"



E **ADA RAISED GARDEN CAP** SCALE: 3/4" = 1'-0"



F **ADA RAISED GARDEN (ELEVATION)** SCALE: 3/4" = 1'-0"

NOTES:
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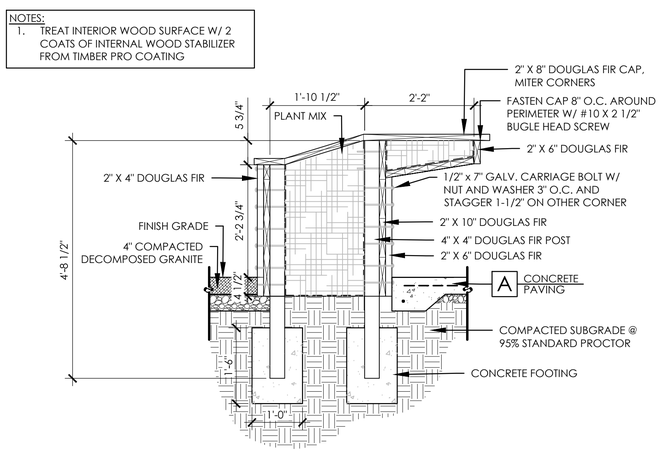

G **ADA RAISED GARDEN (SECTION)** SCALE: 3/4" = 1'-0"

REVISIONS

NO.	DATE	DESCRIPTION

COMMUNITY GARDEN DETAILS

HAYS STREET BRIDGE PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
tel: 210.267.5246
(TX REG. F-11141)

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L.A.# 2369

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DESIGNED BY:	TLL
DRAWN BY:	MLM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L3.11

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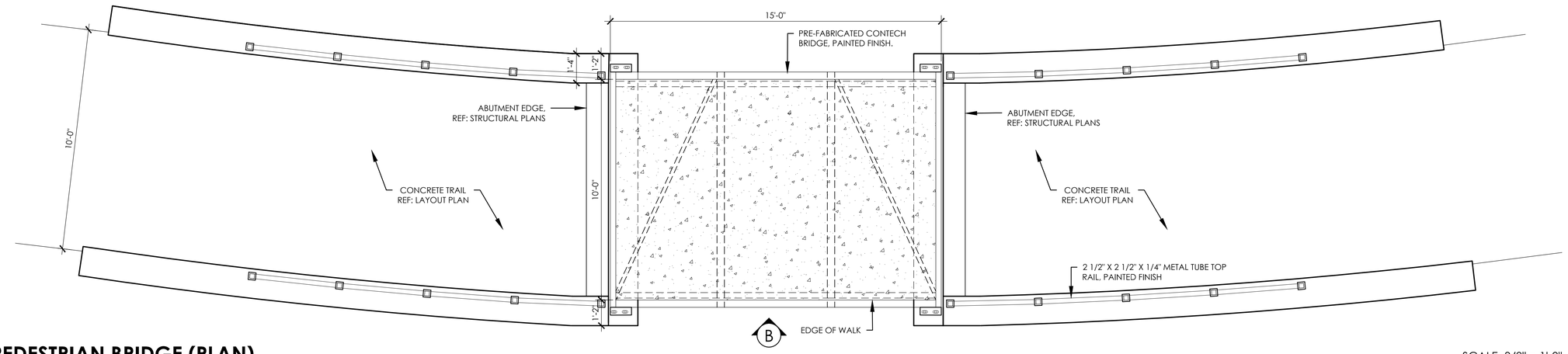
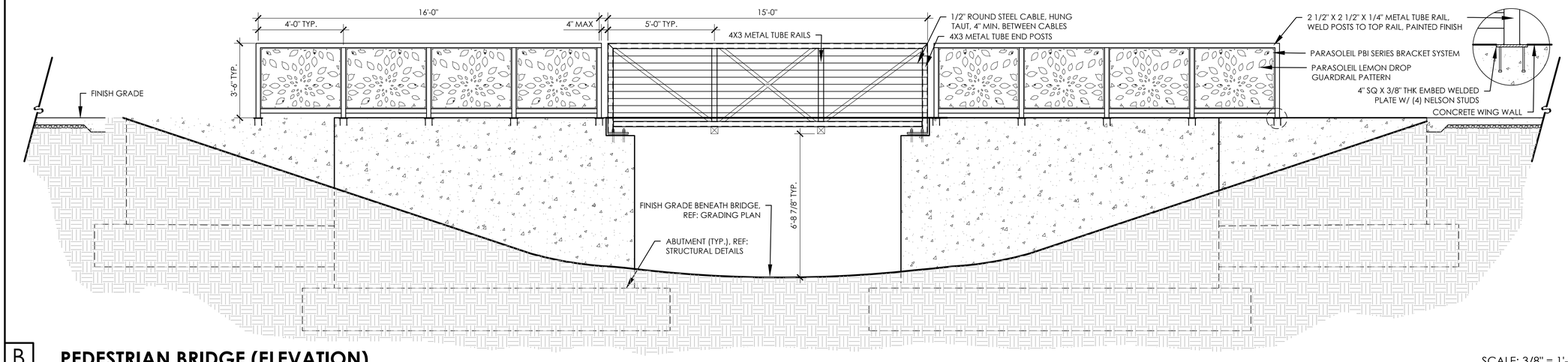


A **PEDESTRIAN BRIDGE (PLAN)**

SCALE: 3/8" = 1'-0"



B **PEDESTRIAN BRIDGE (ELEVATION)**

SCALE: 3/8" = 1'-0"

REVISIONS

NO.	DATE	DESCRIPTION

BRIDGE DETAIL

HAYS STREET BRIDGE PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
tel: 210.267.5246
(TX REG: F-11141)

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CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L3.12

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PLOTTED ON: Wednesday, May 04, 2022
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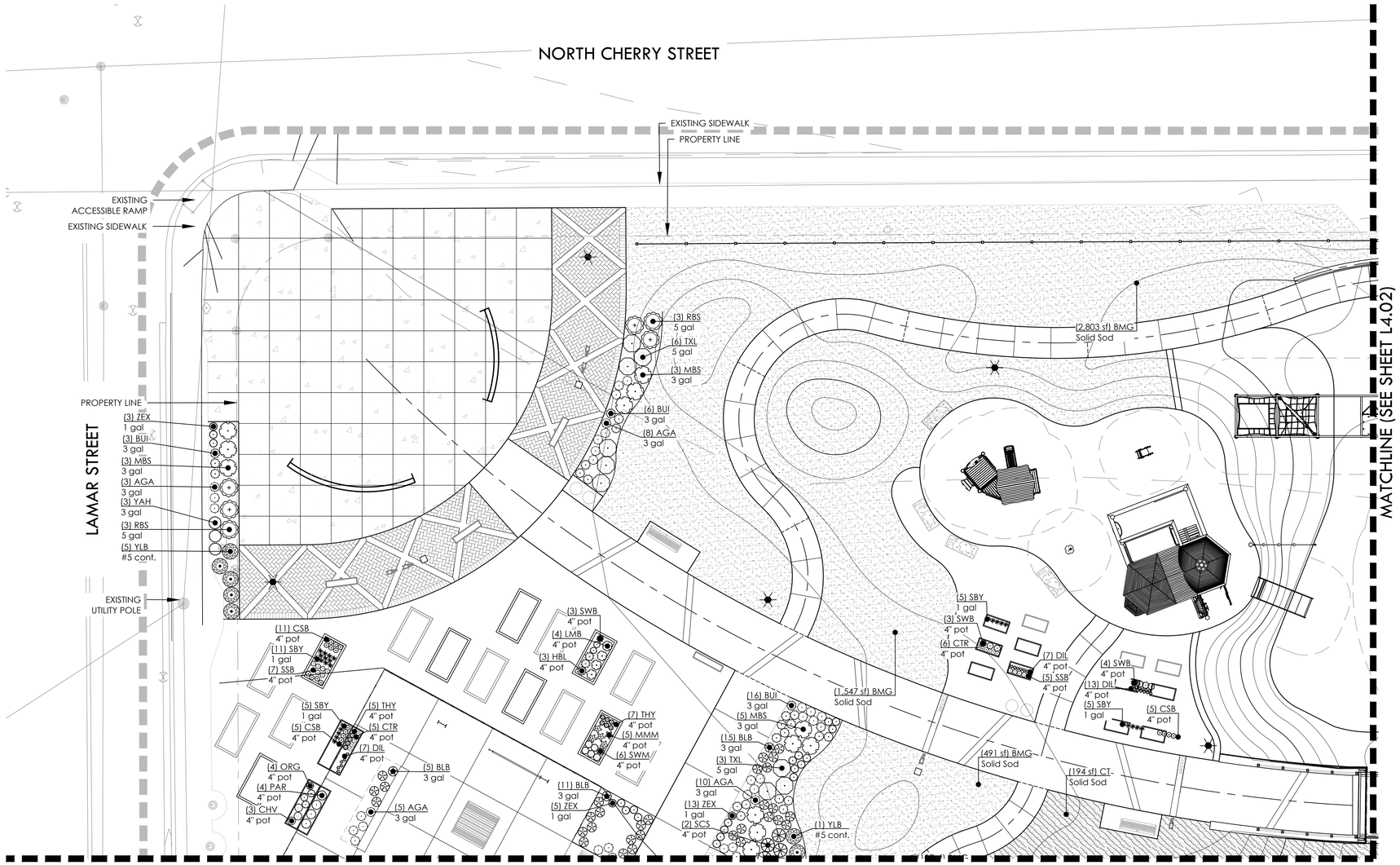

PLANT KEY

SHRUBS	CODE	COMMON / BOTANICAL NAME
	CSB	CHANDLER STRAWBERRY FRAGARIA X ANANASSA 'CHANDLER'
	YAH	DWARF YAUPON ILEX VOMITORIA
	MMM	MEXICAN MINT MARIGOLD TAGETES LUCIDA
	RBS	RIO BRAVO SAGE LEUCOPHYLLUM LANGMANIAE `RIO BRAVO
	SCS	SCARLET SAGE SALVIA GREGGII
	SBY	SEASCAPE STRAWBERRY FRAGARIA X ANANASSA 'SEASCAPE'
	SSB	SEQUOIA STRAWBERRY FRAGARIA X ANANASSA 'SEQUOIA'

ANNUALS/PERENNIALS	CODE	COMMON / BOTANICAL NAME
	BLB	BULBINE BULBINE FRUTESCENS
	BUI	BUTTERFLY/MOREA IRIS DIETES IRIDIOIDES
	AGA	LILY OF THE NILE AGAPANTHUS AFRICANUS
	MBS	MEXICAN BUSH SAGE SALVIA LEUCANTHA
	TXL	TEXAS LANTANA LANTANA URTICOIDES
	YLB	YELLOWBELLS TECOMA STANS
	ZEX	ZEXMENIA WEDELIA TEXANA

HERBS	CODE	COMMON / BOTANICAL NAME
	CHV	CHIVES ALLIUM SCHOENOPRASUM
	CTR	CILANTRO CORIANDRUM SATIVUM
	THY	COMMON THYME THYMUS VULGARIS
	DIL	DILL ANETHUM GRAVEOLENS
	GGS	GOLDEN GARDEN SAGE SALVIA OFFICINALIS 'ICTERINA'
	HBL	HOLY BASIL OCIMUM TENUIFLORUM
	LMB	LEMON BASIL OCIMUM CITRIODORUM
	ORG	OREGANO ORIGANUM VULGARE
	PAR	PARSLEY PETROSELINUM CRISPUM
	SWB	SWEET BASIL OCIMUM BASILICUM
	SWM	SWEET MARJORAM ORIGANUM MAJORANA

GROUND COVERS	CODE	COMMON / BOTANICAL NAME
	BMG	BERMUDA GRASS CYNODON DACTYLON `TIF 419`
	CT	TIFSPORT BERMUDAGRASS CYNODON DACTYLON X TRANSVAALENSIS 'TIFSPORT' TM

NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS

NO.	DATE	DESCRIPTION

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
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(TX REG. F-1114)

PLANTING PLAN

HAYS STREET BRIDGE PARK
SAN ANTONIO, TEXAS

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JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	MMP
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L4.01

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PLOTTED ON: Monday, April 04, 2022
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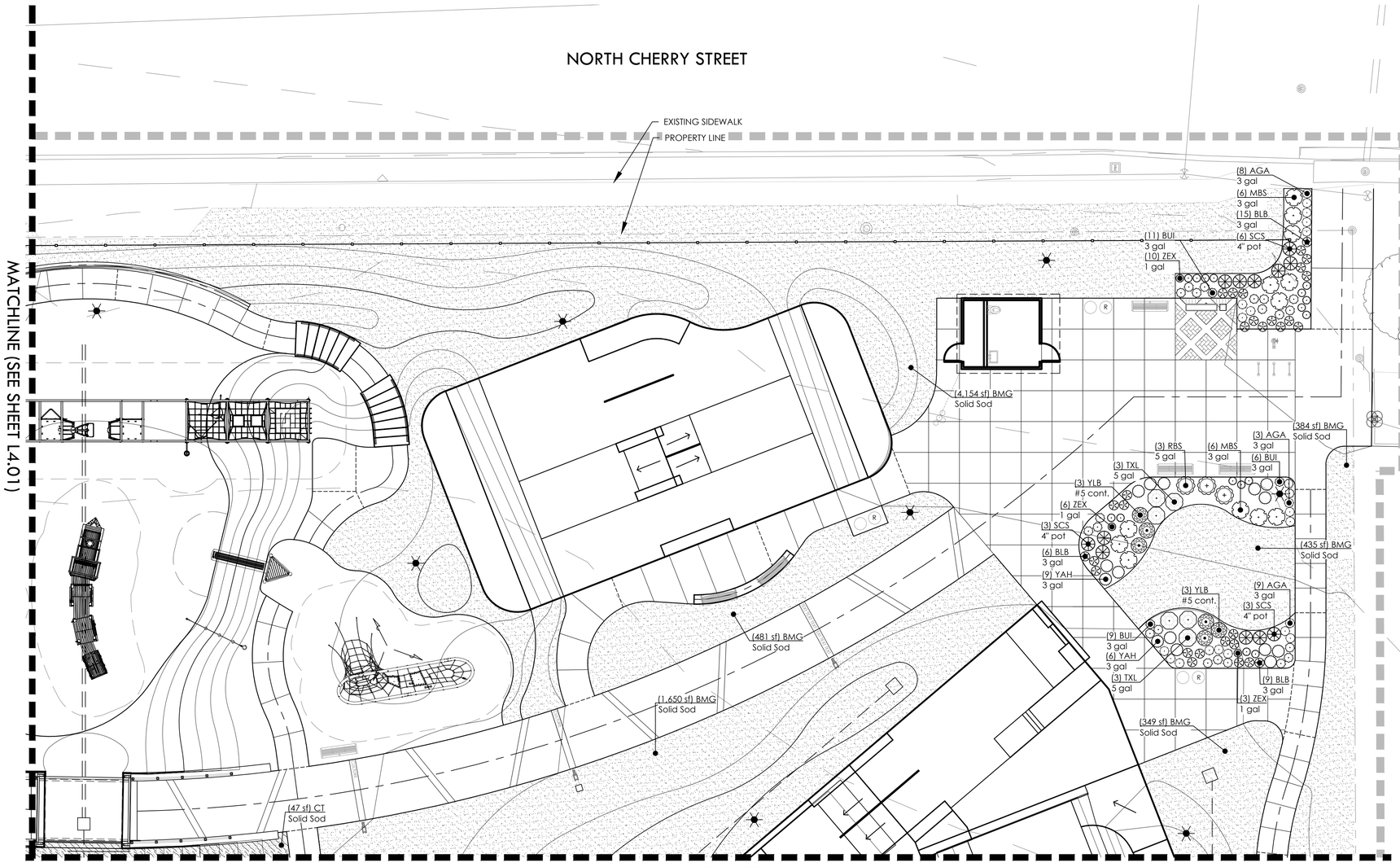

PLANT KEY

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	CSB	CHANDLER STRAWBERRY FRAGARIA X ANANASSA 'CHANDLER'
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	RBS	RIO BRAVO SAGE LEUCOPHYLLUM LANGMANIAE `RIO BRAVO
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	CHV	CHIVES ALLIUM SCHOENOPRASUM
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	DIL	DILL ANETHUM GRAVEOLENS
	GGS	GOLDEN GARDEN SAGE SALVIA OFFICINALIS 'ICTERINA'
	HBL	HOLY BASIL OCIMUM TENUIFLORUM
	LMB	LEMON BASIL OCIMUM CITRIODORUM
	ORG	OREGANO ORIGANUM VULGARE
	PAR	PARSLEY PETROSELINUM CRISPUM
	SWB	SWEET BASIL OCIMUM BASILICUM
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GROUND COVERS	CODE	COMMON / BOTANICAL NAME
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NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS

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PLANTING PLAN

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
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HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

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DESIGNED BY:	TLL
DRAWN BY:	MMP
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L4.02

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PLOTTED BY: Tamara Martinez
PLOTTED ON: Wednesday, April 06, 2022
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MATCHLINE (SEE SHEET L4.01)

MATCHLINE (SEE SHEET L4.04)

LAMAR STREET

ROW LINE

PROPERTY LINE

EXISTING UTILITY POLE

EXISTING CONCRETE SIDEWALK

PROPERTY LINE

(6) SWB
4" pot

(4) GGS
4" pot

(5) CHV
4" pot

(5) ORG
4" pot

(3) AGA
3 gal

(3) BLB
3 gal

(669 sf) BMG
Solid Sod

(3) BUI
3 gal

(7) AGA
3 gal

(5) BLB
3 gal

(7) ZEX
1 gal

(5) TXL
5 gal

(6) BLB
3 gal

(6) BUI
3 gal

(6) AGA
3 gal

(4,723 sf) BMG
Solid Sod

(8) YLB
#5 cont.

(28) AGA
3 gal

(18) ZEX
1 gal

(15) SCS
4" pot

(17) BLB
3 gal

(7) MBS
3 gal

(15) TXL
5 gal

(20) BUI
3 gal

(107 sf) BMG
Solid Sod

(3,943 sf) CT
Solid Sod

(788 sf) BMG
Solid Sod

NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

PLANT KEY

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PLANTING PLAN

HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

DUNAWAY
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Bryan Kye Mask
L.A.# 2369

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PLOTTED ON: Wednesday, April 06, 2022
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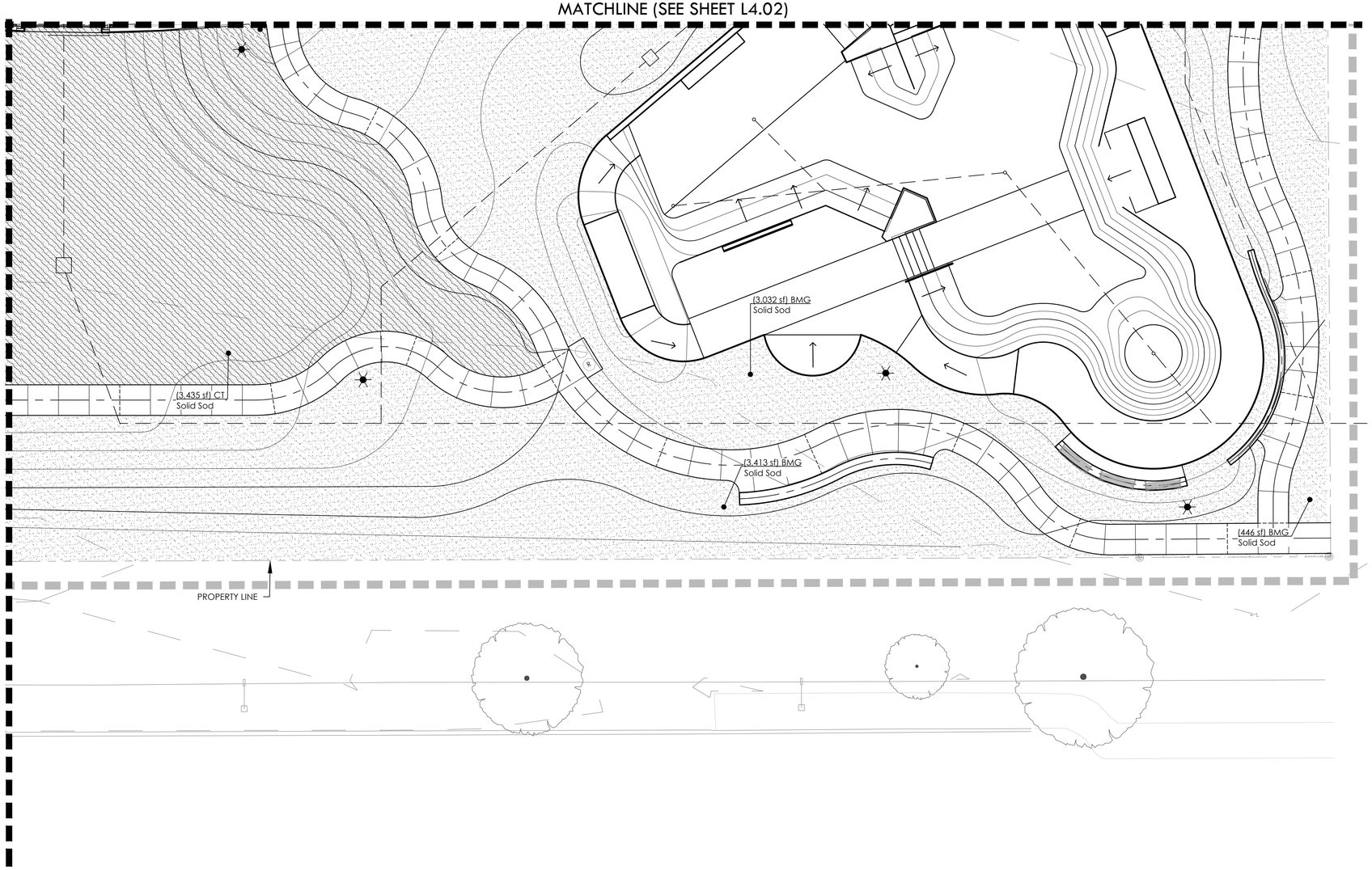

PLANT KEY

SHRUBS	CODE	COMMON / BOTANICAL NAME
	CSB	CHANDLER STRAWBERRY FRAGARIA X ANANASSA 'CHANDLER'
	YAH	DWARF YAUPON ILEX VOMITORIA
	MMM	MEXICAN MINT MARIGOLD TAGETES LUCIDA
	RBS	RIO BRAVO SAGE LEUCOPHYLLUM LANGMANIAE `RIO BRAVO
	SCS	SCARLET SAGE SALVIA GREGGII
	SBY	SEASCAPE STRAWBERRY FRAGARIA X ANANASSA 'SEASCAPE'
	SSB	SEQUOIA STRAWBERRY FRAGARIA X ANANASSA 'SEQUOIA'

ANNUALS/PERENNIALS	CODE	COMMON / BOTANICAL NAME
	BLB	BULBINE BULBINE FRUTESCENS
	BUI	BUTTERFLY/MOREA IRIS DIETES IRIDIOIDES
	AGA	LILY OF THE NILE AGAPANTHUS AFRICANUS
	MBS	MEXICAN BUSH SAGE SALVIA LEUCANTHA
	TXL	TEXAS LANTANA LANTANA URTICOIDES
	YLB	YELLOWBELLS TECOMA STANS
	ZEX	ZEXMENIA WEDELIA TEXANA

HERBS	CODE	COMMON / BOTANICAL NAME
	CHV	CHIVES ALLIUM SCHOENOPRASUM
	CTR	CILANTRO CORIANDRUM SATIVUM
	THY	COMMON THYME THYMUS VULGARIS
	DIL	DILL ANETHUM GRAVEOLENS
	GGS	GOLDEN GARDEN SAGE SALVIA OFFICINALIS 'ICTERINA'
	HBL	HOLY BASIL OCIMUM TENUIFLORUM
	LMB	LEMON BASIL OCIMUM CITRIODORUM
	ORG	OREGANO ORIGANUM VULGARE
	PAR	PARSLEY PETROSELINUM CRISPUM
	SWB	SWEET BASIL OCIMUM BASILICUM
	SWM	SWEET MARJORAM ORIGANUM MAJORANA

GROUND COVERS	CODE	COMMON / BOTANICAL NAME
	BMG	BERMUDA GRASS CYNODON DACTYLON `TIF 419`
	CT	TIFSPORT BERMUDAGRASS CYNODON DACTYLON X TRANSVAALENSIS 'TIFSPORT' TM

NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS

NO.	DATE	DESCRIPTION

PLANTING PLAN

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG. F-1114)

HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

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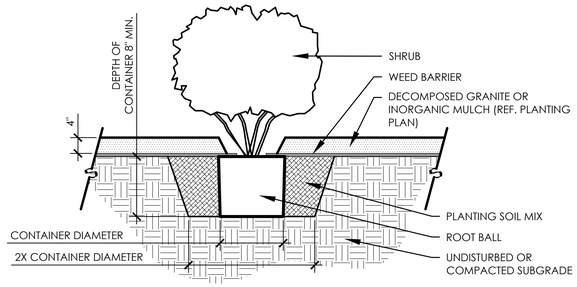
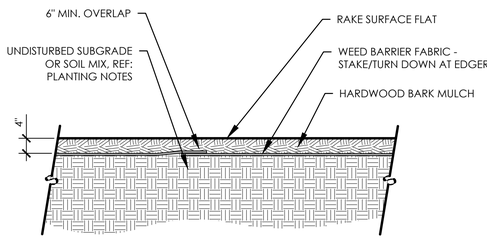
LANDSCAPE NOTES:

1. ORDINANCE PLAN MAY REQUIRE REVISIONS WHEN TREE SURVEY IS PROVIDED.
2. ALL PLANTED AREAS SHALL BE WATERED WITH AN UNDERGROUND IRRIGATION SYSTEM. THE IRRIGATION SYSTEM SHALL BE AUTOMATICALLY CONTROLLED WITH A FULLY PROGRAMMABLE ET BASED CONTROLLER WITH RAIN AND FREEZE SENSORS. THE IRRIGATION SYSTEM, AND INSTALLATION SHALL MEET ALL OF THE APPROPRIATE REQUIREMENTS OF THE LOCAL MUNICIPALITY.
3. ISOLATED PLANT MATERIAL TO RECEIVE DRIP TUBING IN A RING PATTERN AROUND THE ROOT BALL. WHERE POSSIBLE, ELIMINATE DRIP TUBING FROM LARGE AREAS VOID OF PLANT MATERIAL.
4. SOIL MIX FOR ALL PLANTING AREAS SHALL BE MANUFACTURED SOIL, CONSISTING OF MANUFACTURER'S BASIC TOPSOIL, BLENDED IN A MANUFACTURING FACILITY WITH SAND, STABILIZED ORGANIC SOIL AMENDMENTS, AND OTHER MATERIALS TO PRODUCE VIABLE PLANTING SOIL. MANUFACTURED SOIL SHOULD ACHIEVE PH OF 5 TO 7.5 AND MINIMUM OF 4 PERCENT ORGANIC-MATTER CONTENT, FRIABLE, AND WITH SUFFICIENT STRUCTURE TO GIVE GOOD TILL AND AERATION.
5. AMEND MANUFACTURER'S BASIC SOIL WITH SULFUR (1-1/2 POUNDS PER CUBIC YARD), AND COMMERCIAL FERTILIZER (1/2 POUND PER CUBIC YARD).
6. IN TREE AND SHRUB PLANTINGS, APPLY AMENDED SOIL TO MINIMUM DEPTH OF 12 INCHES. FOR TURF AREAS, TILL 2" OF AMENDED MANUFACTURER'S SOIL MIX INTO EXISTING SUBGRADE.
   A) CONTRACTOR SHALL PREPARE AND FURNISH PROPER SUBGRADE ELEVATIONS FOR USE BY THE LANDSCAPE CONTRACTOR.
   B) ALL TOPSOIL SHALL BE FREE OF STONES, ROOTS, CLODS, CONCRETE, BASE, CALICHE, CONSTRUCTION DEBRIS, AND ANY OTHER FOREIGN MATERIAL NOT BENEFICIAL FOR PLANT GROWTH
5. ALL TREES AND SHRUB AREAS TO BE MULCHED TO A DEPTH OF 3 INCHES WITH SHREDDED TEXAS NATIVE MULCH. MAINTAIN A 1FT CLEAR AREA FROM THE BASE OF THE TREE FREE OF MULCH TO ALLOW OXYGEN EXCHANGE.
6. LAY SOD WITHIN 24 HOURS OF HARVESTING. DO NOT LAY SOD IF DORMANT OR IF GROUND IS FROZEN OR MUDDY.
7. LAY SOD TO FORM A SOLID MASS WITH TIGHTLY FITTED JOINTS. BUTT ENDS AND SIDES OF SOD; DO NOT STRETCH OR OVERLAP. STAGGER SOD STRIPS OR PADS TO OFFSET JOINTS IN ADJACENT COURSES. AVOID DAMAGE TO SOIL OR SOD DURING INSTALLATION. TAMP AND ROLL LIGHTLY TO ENSURE CONTACT WITH SOIL. ELIMINATE AIR POCKETS, AND FORM A SMOOTH SURFACE. WORK SIFTED SOIL OR FINE SAND INTO CRACKS BETWEEN PIECES OF SOD; REMOVE EXCESS TO AVOID SMOTHERING SOD AND ADJACENT GRASS.
   A) LAY SOD ACROSS SLOPES EXCEEDING 1:3.
   B) ANCHOR SOD ON SLOPES EXCEEDING 1:6 WITH WOOD PEGS OR STEEL STAPLES SPACED AS RECOMMENDED BY SOD MANUFACTURER BUT NOT LESS THAN TWO ANCHORS PER SOD STRIP TO PREVENT SLIPPAGE.
8. SATURATE SOD WITH FINE WATER SPRAY WITHIN TWO HOURS OF PLANTING. DURING FIRST WEEK AFTER PLANTING, WATER DAILY OR MORE FREQUENTLY AS NECESSARY TO MAINTAIN MOIST SOIL TO A MINIMUM DEPTH OF 1-1/2 INCHES BELOW SOD.
9. GENERAL: MAINTAIN AND ESTABLISH TURF BY WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING, REPLANTING, AND PERFORMING OTHER OPERATIONS AS REQUIRED TO ESTABLISH HEALTHY, VIABLE TURF. ROLL, REGRADE, AND REPLANT BARE OR ERODED AREAS AND REMULCH TO PRODUCE A UNIFORMLY SMOOTH TURF. PROVIDE MATERIALS AND INSTALLATION THE SAME AS THOSE USED IN THE ORIGINAL INSTALLATION. MAINTENANCE PERIOD FOR TURF AREAS ONLY IS 60 DAYS PAST SUBSTANTIAL COMPLETION.
10. MOW TURF AS SOON AS TOP GROWTH IS TALL ENOUGH TO CUT. REPEAT MOWING TO MAINTAIN SPECIFIED HEIGHT WITHOUT CUTTING MORE THAN ONE-THIRD OF GRASS HEIGHT. REMOVE NO MORE THAN ONE-THIRD OF GRASS-LEAF GROWTH IN INITIAL OR SUBSEQUENT MOWINGS.
11. TURF INSTALLATIONS SHALL MEET THE FOLLOWING CRITERIA AS DETERMINED BY LANDSCAPE ARCHITECT:
   A) SATISFACTORY SODDED TURF: AT END OF MAINTENANCE PERIOD, A HEALTHY, WELL-ROOTED, EVEN-COLORED, VIABLE TURF HAS BEEN ESTABLISHED, FREE OF WEEDS, OPEN JOINTS, BARE AREAS, AND SURFACE IRREGULARITIES.
   B) SATISFACTORY SEEDED TURF: AT END OF MAINTENANCE PERIOD, A HEALTHY, UNIFORM, CLOSE STAND OF GRASS HAS BEEN ESTABLISHED, FREE OF WEEDS AND SURFACE IRREGULARITIES, WITH COVERAGE EXCEEDING 90 PERCENT OVER ANY 10 SQ. FT. AND BARE SPOTS NOT EXCEEDING 5 BY 5 INCHES.
12. USE SPECIFIED MATERIALS TO REESTABLISH TURF THAT DOES NOT COMPLY WITH REQUIREMENTS, AND CONTINUE MAINTENANCE UNTIL TURF IS SATISFACTORY.
13. SPECIAL WARRANTY: INSTALLER AGREES TO REPAIR OR REPLACE PLANTINGS AND ACCESSORIES THAT FAIL IN MATERIALS, WORKMANSHIP, OR GROWTH WITHIN SPECIFIED WARRANTY PERIOD.
   A) FAILURES INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
      A)A) DEATH AND UNSATISFACTORY GROWTH, EXCEPT FOR DEFECTS RESULTING FROM ABUSE, LACK OF ADEQUATE MAINTENANCE, OR NEGLECTED BY OWNER.
      A)B) STRUCTURAL FAILURES INCLUDING PLANTINGS FALLING OR BLOWING OVER.
   B) WARRANTY PERIODS: FROM DATE OF SUBSTANTIAL COMPLETION.
      B)A) TREES, SHRUBS, VINES, AND ORNAMENTAL GRASSES: 12 MONTHS.
      B)B) GROUNDCOVERS, BIENNIALS, PERENNIALS, AND OTHER PLANTS: 12 MONTHS.
14. LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF ANY QUESTIONS REGARDING APPLICATION OF PROPOSED PLANT MATERIAL PRIOR TO INSTALLATION - ESPECIALLY QUESTIONS THAT MAY AFFECT OR ALTER THE WARRANTY OF SAID MATERIAL.
15. STAKE OR GUY TREES ONLY IF THEY ARE NOT ABLE TO STAND VERTICAL ON THEIR OWN.
16. REMOVE ALL STONES AND DEBRIS LARGER THAN 1 INCH IN ANY DIMENSION ON THE SURFACE IN AREAS WHERE TURF IS APPLIED.
17. ALL QUANTITIES SHOWN ON PLANS TO BE VERIFIED BY LANDSCAPE CONTRACTOR. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL LABELED PLANT MATERIAL ON PLANS.
18. ALL FINAL SHAPING AND RAKING OF THE TOPSOIL/FINISH GRADES SHALL BE REVIEWED BY OWNER OR LANDSCAPE ARCHITECT PRIOR TO APPLICATION OF PLANT MATERIAL. BERMS, IF REQUIRED SHALL BE INSTALLED IN 12 INCH LAYERS/LIFTS AND COMPACTED. EXCESSIVE SLOPES ON BERMS WHICH MAY CAUSE MAINTENANCE PROBLEMS SHALL BE REVIEWED BY THE LANDSCAPE ARCHITECT.
19. VERIFY EXISTENCE OF UNDERGROUND UTILITIES PRIOR TO EXCAVATION FOR SITE WORK AND PLANTING.
20. CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO PROTECT EXISTING UTILITIES AT ALL TIMES.
21. INSTALL IRRIGATION SYSTEM PRIOR TO APPLICATION OF TOPSOIL OR PLANTING SOIL MIX.
22. ANY EXISTING SITE IMPROVEMENT OR UTILITY REMOVED, DAMAGED, OR UNDERCUT BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AS DIRECTED BY THE CONTRACTING OFFICER'S REPRESENTATIVE AND APPROVED BY THE RESPECTIVE UTILITY AT THE CONTRACTOR'S EXPENSE.
23. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING TO ITS ORIGINAL OR BETTER CONDITION ANY DAMAGES DONE TO EXISTING FENCES, CONCRETE ISLANDS, STREET PAVING, CURBS, SHRUBS, TREES, DRIVEWAYS, ETC., SCHEDULE TO REMAIN (NO SEPARATE PAY ITEM).
24. TREES WHICH ARE DAMAGED OR LOST DUE TO THE CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE MITIGATED AND REPLACED AT CONTRACTOR'S EXPENSE.
25. TREES MUST BE MAINTAINED IN GOOD HEALTH THROUGHOUT THE CONSTRUCTION PROCESS. MAINTENANCE MAY INCLUDE, BUT IS NOT LIMITED TO: WATERING THE ROOT PROTECTION ZONE, WASHING FOLIAGE, FERTILIZATION, PRUNING, ADDITIONAL MULCH APPLICATIONS, AND OTHER MAINTENANCE AS NEEDED ON THE PROJECT.
26. ALL DISTURBED AREAS WITHIN LIMITS OF CONSTRUCTION SHALL BE HYDROMULCHED AS DESCRIBED ON PLANS.
27. ROOTS SHALL BE CUT WITH A ROCK SAW OR BY HAND, NOT BY AN EXCAVATOR OR OTHER ROAD CONSTRUCTION EQUIPMENT.
28. METAL EDGER: COL-MET COMMERCIAL GRADE STEEL EDGING 1/8" THICK. INSTALL PER MANUFACTURERS RECOMMENDATIONS.



NOTES:
1. CUT 'X' IN WEED BARRIER SAME DIAMETER AS PLANT CONTAINER TO ALLOW SHRUB PLANTING
2. RE-COVER PLANT PIT WITH WEED BARRIER AFTER PLANT PLACEMENT AND APPLY INORGANIC MULCH

A **SHRUB PLANTING** SCALE: 1" = 1'-0"



B **HARDWOOD BARK MULCH** SCALE: 3/4" = 1'-0"

PLANT SCHEDULE

SHRUBS	QTY	COMMON NAME	BOTANICAL NAME	SIZE	CONT.	HEIGHT	SPACING	REMARKS
CSB	21	CHANDLER STRAWBERRY	FRAGARIA X ANANASSA 'CHANDLER'	4" POT	12"	12"	12" O.C.	
YAH	18	DWARF YAUPON	ILEX VOMITORIA	3 GAL	9"- 11"	9"	24" O.C.	
MMM	5	MEXICAN MINT MARIGOLD	TAGETES LUCIDA	4" POT	16"-20"	18"	12" O.C.	
RBS	9	RIO BRAVO SAGE	LEUCOPHYLLUM LANGMANIAE `RIO BRAVO` TM	5 GAL	12"-14"	10"-12"	36" OC	
SCS	29	SCARLET SAGE	SALVIA GREGGII	4" POT	4"	FULL	12" OC.	
SBY	26	SEASCAPE STRAWBERRY	FRAGARIA X ANANASSA 'SEASCAPE'	1 GAL	12"	12"	12" O.C.	
SSB	12	SEQUOIA STRAWBERRY	FRAGARIA X ANANASSA 'SEQUOIA'	4" POT	12"	12"	12" O.C.	

ANNUALS/PERENNIALS	QTY	COMMON NAME	BOTANICAL NAME	SIZE	CONT.	HEIGHT	SPACING	REMARKS
BLB	92	BULBINE	BULBINE FRUTESCENS	3 GAL	6"- 8"	FULL	18" OC.	
BUI	80	BUTTERFLY/MOREA IRIS	DIETES IRIDIOIDES	3 GAL	10"	FULL	18" OC.	2` - 3` IRIS LIKE IVS, EVERGREEN, WH/YEL/PUR, SP/S
AGA	90	LILY OF THE NILE	AGAPANTHUS AFRICANUS	3 GAL	12"-15"	FULL	18" OC.	2` X 3` EVERGREEN STRAP, LVS., BLUE BLOOM SP/S
MBS	30	MEXICAN BUSH SAGE	SALVIA LEUCANTHA	3 GAL	14"-16"	12"-14"	36" OC	
TXL	35	TEXAS LANTANA	LANTANA URTICOIDES	5 GAL	20"-24"	FULL	30" OC.	18"-24", YEL/RED BLOOMS SP/SU/FA, NATIVE
YLB	20	YELLOWBELLS	TECOMA STANS	#5 CONT.	18"-36"	FULL	3` OC.	
ZEX	65	ZEXMENIA	WEDELIA TEXANA	1 GAL	8"	8"	18" OC.	

HERBS	QTY	COMMON NAME	BOTANICAL NAME	SIZE	CONT.	HEIGHT	SPACING	REMARKS
CHV	8	CHIVES	ALLIUM SCHOENOPRASUM	4" POT	12"	18"	12" O.C.	
CTR	11	CILANTRO	CORIANDRUM SATIVUM	4" POT	12"	10"	12" O.C.	
THY	12	COMMON THYME	THYMUS VULGARIS	4" POT	4" - 6"	FULL	12" O.C.	
DIL	27	DILL	ANETHUM GRAVEOLENS	4" POT	2`	4"-6"	12" O.C.	
GGS	4	GOLDEN GARDEN SAGE	SALVIA OFFICINALIS 'ICTERINA'	4" POT	18"-24"	18"	15" OC.	
HBL	3	HOLY BASIL	OCIMUM TENUIFLORUM	4" POT	18"-24"	12"-18"	12" O.C.	
LMB	4	LEMON BASIL	OCIMUM CITRIODORUM	4" POT	3`	24"	12" O.C.	
ORG	9	OREGANO	ORIGANUM VULGARE	4" POT	4" - 6"	FULL	12" O.C.	
PAR	4	PARSLEY	PETROSELINUM CRISPUM	4" POT	4" - 6"	FULL	12" O.C.	
SWB	16	SWEET BASIL	OCIMUM BASILICUM	4" POT	18"-24"	12"-18"	12" O.C.	
SWM	6	SWEET MARJORAM	ORIGANUM MAJORANA	4" POT	1`-2`	18"	12" O.C.	

GROUND COVERS	QTY	COMMON NAME	BOTANICAL NAME	SIZE	HEIGHT	SPREAD
BMG	25,472 SF	BERMUDA GRASS	CYNODON DACTYLON `TIF 419`	SOLID SOD		
CT	7,619 SF	TIFSPORT BERMUDAGRASS	CYNODON DACTYLON X TRANSVAALENSIS 'TIFSPORT' TM	SOLID SOD		

Edible Herbs Plant List

Herbs:	Varieties:	Notes:
Basil	Sweet Green Basil, Lemon Basil, Holy Basil, Spicy Globe, Thai Basil, Purple Leaf Basil	
Chives	Crystal Wax White Bunching	Transplants
Coriander (Cilantro)		Easy to grow from seed; provides constant harvest
Dill		Swallowtail butterfly Caterpillars love it
Marjoram	Sweet Marjoram, Winter Marjoram, Pot Marjoram, Creeping Golden Marjoram	Nice container plant
Oregano	Origanum vulgare, Greek Oregano, Mexican Oregano	Can be used as a dense ground cover. Mexican Oregano is a nice landscape shrub with purple flowers
Parsley	(see Vegetable list)	
Rosemary		
Sage	Garden Sage, Golden Sage, Blue Sage, Pineapple Sage, Tri-color Sage, Clary Sage	Drought resistant but can be killed by overwatering easily
Thyme	Common Thyme, Golden Thyme, Silver Thyme, English Thyme, Lemon Thyme, Mother-of-Thyme, Woolly Thyme.	

NOTES:

1. ALL TREES SHALL HAVE STRAIGHT TRUNKS, A CENTRAL LEADER, AND BE MATCHING WITHIN VARIETIES.
2. PLANT LIST IS AN AID TO BIDDERS ONLY. CONTRACTOR SHALL VERIFY ALL QUANTITIES ON PLAN.
3. ALL HEIGHTS AND SPREADS ARE MINIMUMS. ALL PLANT MATERIAL SHALL MEET OR EXCEED REMARKS AS INDICATED.

REVISIONS

NO.	DATE	DESCRIPTION

PLANTING NOTES, DETAILS, & SCHEDULE

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG: F-1114)

HAYS STREET BRIDGE PARK
SAN ANTONIO, TEXAS

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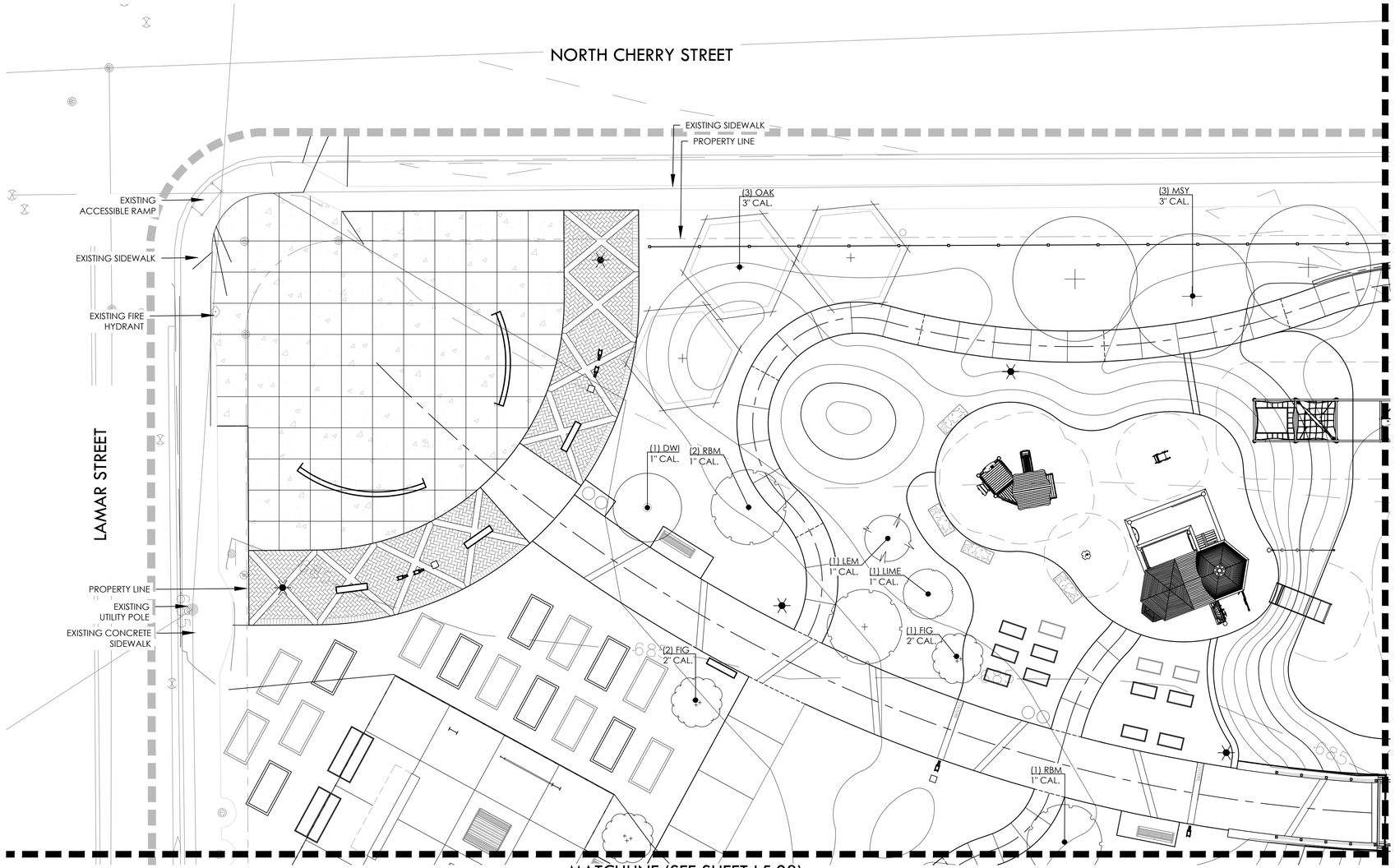

PLANT KEY

TREES	CODE	COMMON / BOTANICAL NAME
	ELM	CEDAR ELM ULMUS CRASSIFOLIA
	OAK	LIVE OAK QUERCUS VIRGINIANA
	MSY	MEXICAN SYCAMORE PLATANUS MEXICANA

FRUIT TREES	CODE	COMMON / BOTANICAL NAME
	FIG	ALMA CELESTE TEXAS EVERBEARING FICUS X `ALMA CELESTE`
	FPS	FUYU PERSIMMON DIOSPYROS KAKI `FUYU`
	LIME	MEXICAN KEY LIME CITRUS X AURANTIIFOLIA `MEXICAN`
	LEM	MEYER LEMON CITRUS X MEYERI
	TPS	TANENASHI PERSIMMON DIOSPYROS KAKI `TANENASHI`
	DAP	`DORSETT GOLDEN` APPLE TREE MALUS X `DORSETT GOLDEN`

ORNAMENTAL TREES	CODE	COMMON / BOTANICAL NAME
	DWI	DESERT WILLOW CHILOPSIS LINEARIS
	RBM	MEXICAN REDBUD CERCIS CANADENSIS MEXICANA
	RET	RETAMA PARKINSONIA ACULEATA

NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS

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TREE PLANTING PLAN

HAYS STREET BRIDGE PARK
SAN ANTONIO, TEXAS

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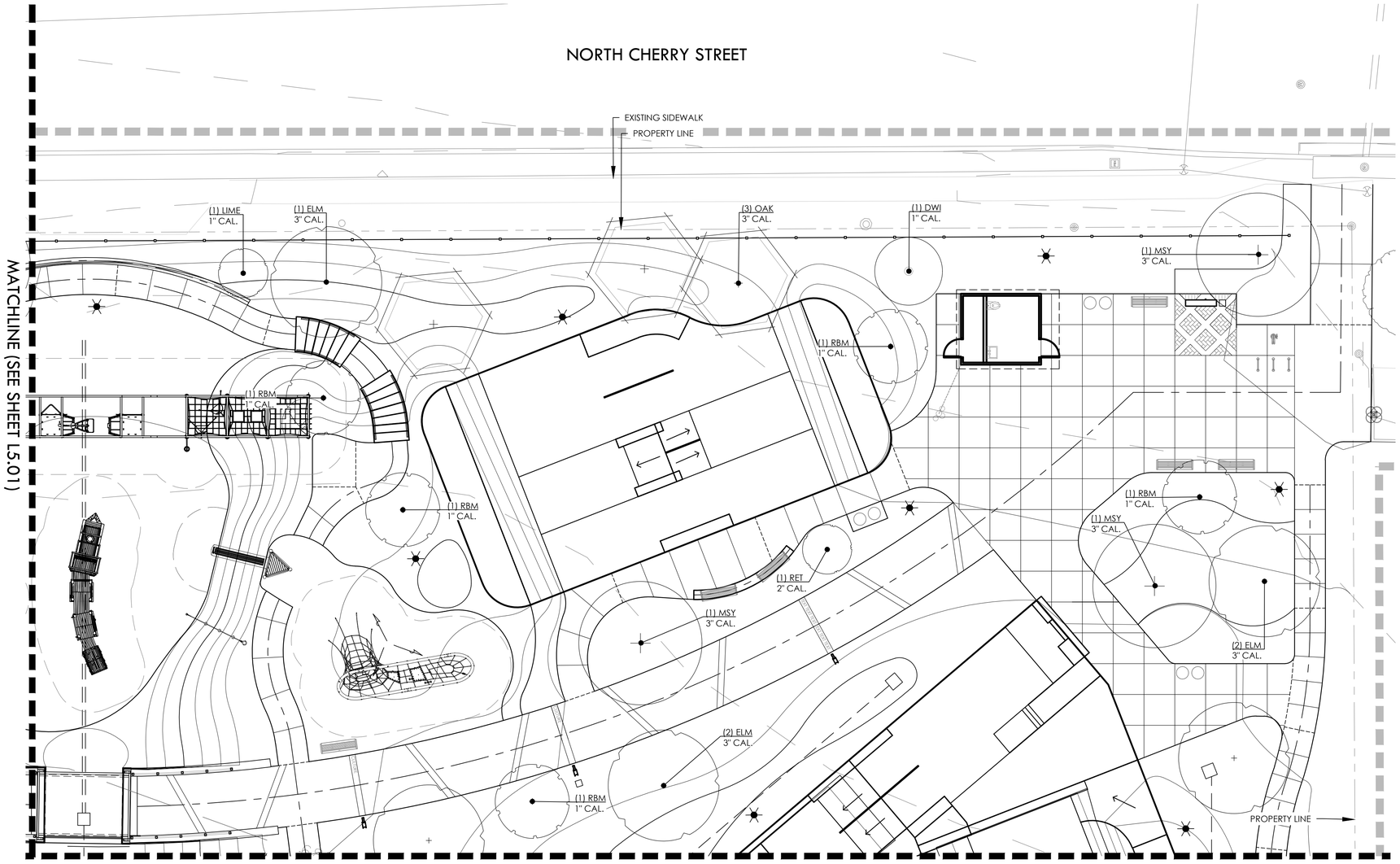

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FRUIT TREES	CODE	COMMON / BOTANICAL NAME
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	FPS	FUYU PERSIMMON DIOSPYROS KAKI `FUYU`
	LIME	MEXICAN KEY LIME CITRUS X AURANTIIFOLIA `MEXICAN`
	LEM	MEYER LEMON CITRUS X MEYERI
	TPS	TANENASHI PERSIMMON DIOSPYROS KAKI `TANENASHI`
	DAP	`DORSETT GOLDEN` APPLE TREE MALUS X `DORSETT GOLDEN`

ORNAMENTAL TREES	CODE	COMMON / BOTANICAL NAME
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	RBM	MEXICAN REDBUD CERCIS CANADENSIS MEXICANA
	RET	RETAMA PARKINSONIA ACULEATA

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TREE PLANTING PLAN

HAYS STREET
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DATE:	APRIL 25, 2022
SHEET:	L5.02

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PLOTTED BY: Damaris Hartnett
PLOTTED ON: Wednesday, April 06, 2022
PLOTTED AT: 1:49:44 PM
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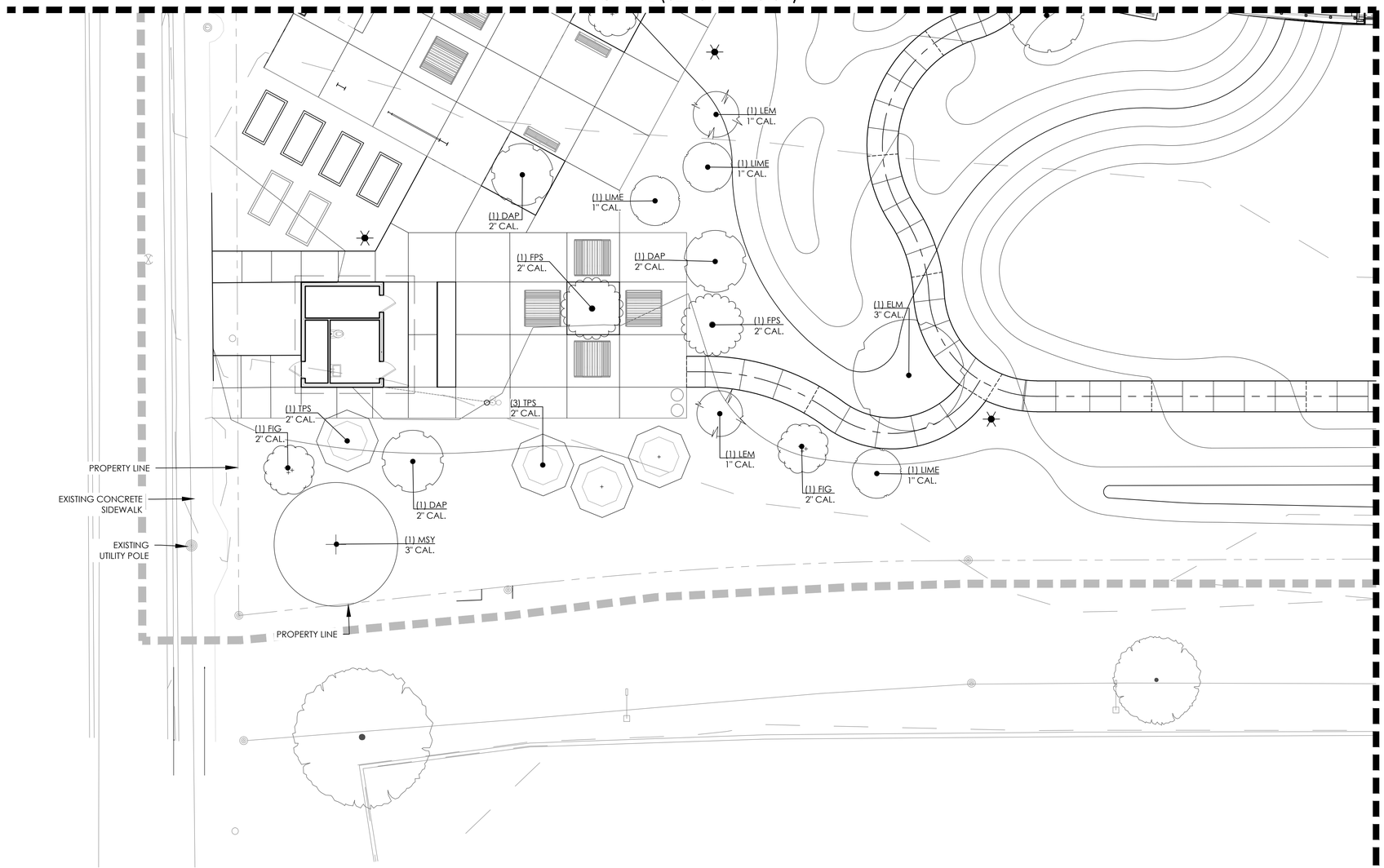
MATCHLINE (SEE SHEET L5.01)



MATCHLINE (SEE SHEET L5.04)

PLANT KEY

TREES	CODE	COMMON / BOTANICAL NAME
	ELM	CEDAR ELM ULMUS CRASSIFOLIA
	OAK	LIVE OAK QUERCUS VIRGINIANA
	MSY	MEXICAN SYCAMORE PLATANUS MEXICANA

FRUIT TREES	CODE	COMMON / BOTANICAL NAME
	FIG	ALMA CELESTE TEXAS EVERBEARING FICUS X `ALMA CELESTE`
	FPS	FUYU PERSIMMON DIOSPYROS KAKI `FUYU`
	LIME	MEXICAN KEY LIME CITRUS X AURANTIIFOLIA `MEXICAN`
	LEM	MEYER LEMON CITRUS X MEYERI
	TPS	TANENASHI PERSIMMON DIOSPYROS KAKI `TANENASHI`
	DAP	`DORSETT GOLDEN` APPLE TREE MALUS X `DORSETT GOLDEN`

ORNAMENTAL TREES	CODE	COMMON / BOTANICAL NAME
	DWI	DESERT WILLOW CHILOPSIS LINEARIS
	RBM	MEXICAN REDBUD CERCIS CANADENSIS MEXICANA
	RET	RETAMA PARKINSONIA ACULEATA

NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS

NO.	DATE	DESCRIPTION

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG: F-11141)

TREE PLANTING PLAN

HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

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Bryan Kye Mask
L.A.# 2369

JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	MMP
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L5.03

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FILENAME: 5835.005 Tree Planting Plan.dwg
PLOTTED BY: Yomaira Martinez
PLOTTED ON: Wednesday, April 06, 2022
PLOTTED AT: 1:50:07 PM
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MATCHLINE (SEE SHEET L5.02)

MATCHLINE (SEE SHEET L5.03)

(1) DWI
1" CAL.

(1) DWI
1" CAL.

(2) RBM
1" CAL.

(1) ELM
3" CAL.

(3) OAK
3" CAL.

(3) DWI
1" CAL.

(1) RBM
1" CAL.

(1) ELM
3" CAL.

685

685

680

680

PROPERTY LINE

682.78

PLANT KEY

TREES	CODE	COMMON / BOTANICAL NAME
	ELM	CEDAR ELM ULMUS CRASSIFOLIA
	OAK	LIVE OAK QUERCUS VIRGINIANA
	MSY	MEXICAN SYCAMORE PLATANUS MEXICANA

FRUIT TREES	CODE	COMMON / BOTANICAL NAME
	FIG	ALMA CELESTE TEXAS EVERBEARING FICUS X `ALMA CELESTE`
	FPS	FUYU PERSIMMON DIOSPYROS KAKI `FUYU`
	LIME	MEXICAN KEY LIME CITRUS X AURANTIIFOLIA `MEXICAN`
	LEM	MEYER LEMON CITRUS X MEYERI
	TPS	TANENASHI PERSIMMON DIOSPYROS KAKI `TANENASHI`
	DAP	`DORSETT GOLDEN` APPLE TREE MALUS X `DORSETT GOLDEN`

ORNAMENTAL TREES	CODE	COMMON / BOTANICAL NAME
	DWI	DESERT WILLOW CHILOPSIS LINEARIS
	RBM	MEXICAN REDBUD CERCIS CANADENSIS MEXICANA
	RET	RETAMA PARKINSONIA ACULEATA

NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS

NO.	DATE	DESCRIPTION

TREE PLANTING PLAN

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG: F-1114)

HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

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JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	MMP
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L5.04

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PLOTTED BY: Daniela Ramirez
PLOTTED ON: Wednesday, April 06, 2022
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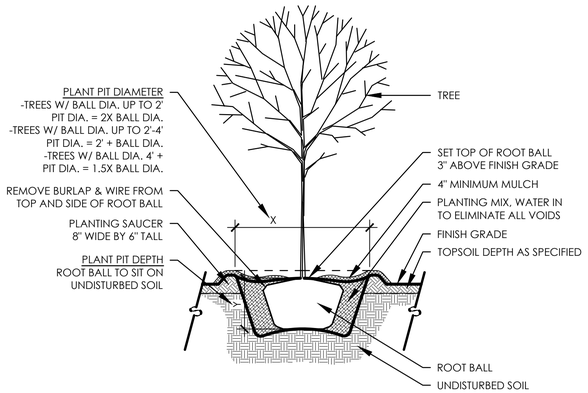
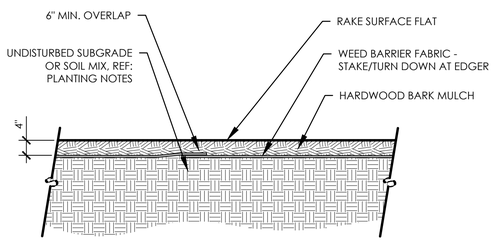
LANDSCAPE NOTES:

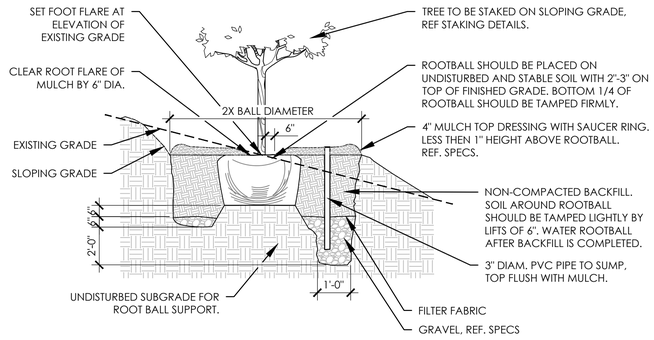
1. ORDINANCE PLAN MAY REQUIRE REVISIONS WHEN TREE SURVEY IS PROVIDED.
2. ALL PLANTED AREAS SHALL BE WATERED WITH AN UNDERGROUND IRRIGATION SYSTEM. THE IRRIGATION SYSTEM SHALL BE AUTOMATICALLY CONTROLLED WITH A FULLY PROGRAMMABLE ET BASED CONTROLLER WITH RAIN AND FREEZE SENSORS. THE IRRIGATION SYSTEM, AND INSTALLATION SHALL MEET ALL OF THE APPROPRIATE REQUIREMENTS OF THE LOCAL MUNICIPALITY.
3. ISOLATED PLANT MATERIAL TO RECEIVE DRIP TUBING IN A RING PATTERN AROUND THE ROOT BALL. WHERE POSSIBLE, ELIMINATE DRIP TUBING FROM LARGE AREAS VOID OF PLANT MATERIAL.
4. SOIL MIX FOR ALL PLANTING AREAS SHALL BE MANUFACTURED SOIL, CONSISTING OF MANUFACTURER'S BASIC TOPSOIL, BLENDED IN A MANUFACTURING FACILITY WITH SAND, STABILIZED ORGANIC SOIL AMENDMENTS, AND OTHER MATERIALS TO PRODUCE VIABLE PLANTING SOIL. MANUFACTURED SOIL SHOULD ACHIEVE PH OF 5 TO 7.5 AND MINIMUM OF 4 PERCENT ORGANIC-MATTER CONTENT, FRIABLE, AND WITH SUFFICIENT STRUCTURE TO GIVE GOOD TILL AND AERATION.
5. AMEND MANUFACTURER'S BASIC SOIL WITH SULFUR (1-1/2 POUNDS PER CUBIC YARD), AND COMMERCIAL FERTILIZER (1/2 POUND PER CUBIC YARD).
6. IN TREE AND SHRUB PLANTINGS, APPLY AMENDED SOIL TO MINIMUM DEPTH OF 12 INCHES. FOR TURF AREAS, TILL 2" OF AMENDED MANUFACTURER'S SOIL MIX INTO EXISTING SUBGRADE.
   A) CONTRACTOR SHALL PREPARE AND FURNISH PROPER SUBGRADE ELEVATIONS FOR USE BY THE LANDSCAPE CONTRACTOR.
   B) ALL TOPSOIL SHALL BE FREE OF STONES, ROOTS, CLODS, CONCRETE, BASE, CALICHE, CONSTRUCTION DEBRIS, AND ANY OTHER FOREIGN MATERIAL NOT BENEFICIAL FOR PLANT GROWTH
5. ALL TREES AND SHRUB AREAS TO BE MULCHED TO A DEPTH OF 3 INCHES WITH SHREDDED TEXAS NATIVE MULCH. MAINTAIN A 1FT CLEAR AREA FROM THE BASE OF THE TREE FREE OF MULCH TO ALLOW OXYGEN EXCHANGE.
6. LAY SOD WITHIN 24 HOURS OF HARVESTING. DO NOT LAY SOD IF DORMANT OR IF GROUND IS FROZEN OR MUDDY.
7. LAY SOD TO FORM A SOLID MASS WITH TIGHTLY FITTED JOINTS. BUTT ENDS AND SIDES OF SOD; DO NOT STRETCH OR OVERLAP. STAGGER SOD STRIPS OR PADS TO OFFSET JOINTS IN ADJACENT COURSES. AVOID DAMAGE TO SOIL OR SOD DURING INSTALLATION. TAMP AND ROLL LIGHTLY TO ENSURE CONTACT WITH SOIL, ELIMINATE AIR POCKETS, AND FORM A SMOOTH SURFACE. WORK SIFTED SOIL OR FINE SAND INTO CRACKS BETWEEN PIECES OF SOD; REMOVE EXCESS TO AVOID SMOTHERING SOD AND ADJACENT GRASS.
   A) LAY SOD ACROSS SLOPES EXCEEDING 1:3.
   B) ANCHOR SOD ON SLOPES EXCEEDING 1:6 WITH WOOD PEGS OR STEEL STAPLES SPACED AS RECOMMENDED BY SOD MANUFACTURER BUT NOT LESS THAN TWO ANCHORS PER SOD STRIP TO PREVENT SLIPPAGE.
8. SATURATE SOD WITH FINE WATER SPRAY WITHIN TWO HOURS OF PLANTING. DURING FIRST WEEK AFTER PLANTING, WATER DAILY OR MORE FREQUENTLY AS NECESSARY TO MAINTAIN MOIST SOIL TO A MINIMUM DEPTH OF 1-1/2 INCHES BELOW SOD.
9. GENERAL: MAINTAIN AND ESTABLISH TURF BY WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING, REPLANTING, AND PERFORMING OTHER OPERATIONS AS REQUIRED TO ESTABLISH HEALTHY, VIABLE TURF. ROLL, REGRADE, AND REPLANT BARE OR ERODED AREAS AND REMULCH TO PRODUCE A UNIFORMLY SMOOTH TURF. PROVIDE MATERIALS AND INSTALLATION THE SAME AS THOSE USED IN THE ORIGINAL INSTALLATION. MAINTENANCE PERIOD FOR TURF AREAS ONLY IS 60 DAYS PAST SUBSTANTIAL COMPLETION.
10. MOW TURF AS SOON AS TOP GROWTH IS TALL ENOUGH TO CUT. REPEAT MOWING TO MAINTAIN SPECIFIED HEIGHT WITHOUT CUTTING MORE THAN ONE-THIRD OF GRASS HEIGHT. REMOVE NO MORE THAN ONE-THIRD OF GRASS-LEAF GROWTH IN INITIAL OR SUBSEQUENT MOWINGS.
11. TURF INSTALLATIONS SHALL MEET THE FOLLOWING CRITERIA AS DETERMINED BY LANDSCAPE ARCHITECT:
   A) SATISFACTORY SODDED TURF: AT END OF MAINTENANCE PERIOD, A HEALTHY, WELL-ROOTED, EVEN-COLORED, VIABLE TURF HAS BEEN ESTABLISHED, FREE OF WEEDS, OPEN JOINTS, BARE AREAS, AND SURFACE IRREGULARITIES.
   B) SATISFACTORY SEEDED TURF: AT END OF MAINTENANCE PERIOD, A HEALTHY, UNIFORM, CLOSE STAND OF GRASS HAS BEEN ESTABLISHED, FREE OF WEEDS AND SURFACE IRREGULARITIES, WITH COVERAGE EXCEEDING 90 PERCENT OVER ANY 10 SQ. FT. AND BARE SPOTS NOT EXCEEDING 5 BY 5 INCHES.
12. USE SPECIFIED MATERIALS TO REESTABLISH TURF THAT DOES NOT COMPLY WITH REQUIREMENTS, AND CONTINUE MAINTENANCE UNTIL TURF IS SATISFACTORY.
13. SPECIAL WARRANTY: INSTALLER AGREES TO REPAIR OR REPLACE PLANTINGS AND ACCESSORIES THAT FAIL IN MATERIALS, WORKMANSHIP, OR GROWTH WITHIN SPECIFIED WARRANTY PERIOD.
   A) FAILURES INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
   A)A) DEATH AND UNSATISFACTORY GROWTH, EXCEPT FOR DEFECTS RESULTING FROM ABUSE, LACK OF ADEQUATE MAINTENANCE, OR NEGLECTED BY OWNER.
   A)B) STRUCTURAL FAILURES INCLUDING PLANTINGS FALLING OR BLOWING OVER.
   B) WARRANTY PERIODS: FROM DATE OF SUBSTANTIAL COMPLETION.
   B)A) TREES, SHRUBS, VINES, AND ORNAMENTAL GRASSES: 12 MONTHS.
   B)B) GROUNDCOVERS, BIENNIALS, PERENNIALS, AND OTHER PLANTS: 12 MONTHS.
14. LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF ANY QUESTIONS REGARDING APPLICATION OF PROPOSED PLANT MATERIAL PRIOR TO INSTALLATION - ESPECIALLY QUESTIONS THAT MAY AFFECT OR ALTER THE WARRANTY OF SAID MATERIAL.
15. STAKE OR GUY TREES ONLY IF THEY ARE NOT ABLE TO STAND VERTICAL ON THEIR OWN.
16. REMOVE ALL STONES AND DEBRIS LARGER THAN 1 INCH IN ANY DIMENSION ON THE SURFACE IN AREAS WHERE TURF IS APPLIED.
17. ALL QUANTITIES SHOWN ON PLANS TO BE VERIFIED BY LANDSCAPE CONTRACTOR. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL LABELED PLANT MATERIAL ON PLANS.
18. ALL FINAL SHAPING AND RAKING OF THE TOPSOIL/FINISH GRADES SHALL BE REVIEWED BY OWNER OR LANDSCAPE ARCHITECT PRIOR TO APPLICATION OF PLANT MATERIAL. BERMS, IF REQUIRED SHALL BE INSTALLED IN 12 INCH LAYERS/LIFTS AND COMPACTED. EXCESSIVE SLOPES ON BERMS WHICH MAY CAUSE MAINTENANCE PROBLEMS SHALL BE REVIEWED BY THE LANDSCAPE ARCHITECT.
19. VERIFY EXISTENCE OF UNDERGROUND UTILITIES PRIOR TO EXCAVATION FOR SITE WORK AND PLANTING.
20. CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO PROTECT EXISTING UTILITIES AT ALL TIMES.
21. INSTALL IRRIGATION SYSTEM PRIOR TO APPLICATION OF TOPSOIL OR PLANTING SOIL MIX.
22. ANY EXISTING SITE IMPROVEMENT OR UTILITY REMOVED, DAMAGED, OR UNDERCUT BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED AS DIRECTED BY THE CONTRACTING OFFICER'S REPRESENTATIVE AND APPROVED BY THE RESPECTIVE UTILITY AT THE CONTRACTOR'S EXPENSE.
23. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING TO ITS ORIGINAL OR BETTER CONDITION ANY DAMAGES DONE TO EXISTING FENCES, CONCRETE ISLANDS, STREET PAVING, CURBS, SHRUBS, TREES, DRIVEWAYS, ETC., SCHEDULE TO REMAIN (NO SEPARATE PAY ITEM).
24. TREES WHICH ARE DAMAGED OR LOST DUE TO THE CONTRACTOR'S NEGLIGENCE DURING CONSTRUCTION SHALL BE MITIGATED AND REPLACED AT CONTRACTOR'S EXPENSE.
25. TREES MUST BE MAINTAINED IN GOOD HEALTH THROUGHOUT THE CONSTRUCTION PROCESS. MAINTENANCE MAY INCLUDE, BUT IS NOT LIMITED TO: WATERING THE ROOT PROTECTION ZONE, WASHING FOLIAGE, FERTILIZATION, PRUNING, ADDITIONAL MULCH APPLICATIONS, AND OTHER MAINTENANCE AS NEEDED ON THE PROJECT.
26. ALL DISTURBED AREAS WITHIN LIMITS OF CONSTRUCTION SHALL BE HYDROMULCHED AS DESCRIBED ON PLANS.
27. ROOTS SHALL BE CUT WITH A ROCK SAW OR BY HAND, NOT BY AN EXCAVATOR OR OTHER ROAD CONSTRUCTION EQUIPMENT.
28. METAL EDGER: COL-MET COMMERCIAL GRADE STEEL EDGING 1/8" THICK. INSTALL PER MANUFACTURERS RECOMMENDATIONS.



A **TREE PLANTING** SCALE: 1/2" = 1'-0"



B **HARDWOOD BARK MULCH** SCALE: 3/4" = 1'-0"



C **TREE PLANTING ON SLOPE** SCALE: 1/4" = 1'-0"

PLANT SCHEDULE

TREES	QTY	COMMON NAME	BOTANICAL NAME	CALIPER	HEIGHT	SPREAD
ELM	8	CEDAR ELM	ULMUS CRASSIFOLIA	3" CAL.	9`-11`	5`- 6`
OAK	10	LIVE OAK	QUERCUS VIRGINIANA	3" CAL.	10`-12`	5`- 6`
MSY	6	MEXICAN SYCAMORE	PLATANUS MEXICANA	3" CAL.	14`-16`	9`- 11`
FRUIT TREES	**QTY**	**COMMON NAME**	**BOTANICAL NAME**	**CALIPER**	**HEIGHT**	**SPREAD**
FIG	5	ALMA CELESTE TEXAS EVERBEARING	FICUS X `ALMA CELESTE`	2" CAL.	6`-8`	6`- 8`
FPS	2	FUYU PERSIMMON	DIOSPYROS KAKI `FUYU`	2" CAL.	6`-8`	6`- 8`
LIME	5	MEXICAN KEY LIME	CITRUS X AURANTIIFOLIA `MEXICAN`	1" CAL.	4`- 6`	4`- 5`
LEM	3	MEYER LEMON	CITRUS X MEYERI	1" CAL.	4`- 6`	4`- 5`
TPS	4	TANENASHI PERSIMMON	DIOSPYROS KAKI `TANENASHI`	2" CAL.	6`-8`	6`- 8`
DAP	3	`DORSETT GOLDEN` APPLE TREE	MALUS X `DORSETT GOLDEN`	2" CAL.	6`-8`	6`- 8`
ORNAMENTAL TREES	**QTY**	**COMMON NAME**	**BOTANICAL NAME**	**CALIPER**	**HEIGHT**	**SPREAD**
DWI	6	DESERT WILLOW	CHILOPSIS LINEARIS	1" CAL.	6`-8`	3`- 4`
RBM	11	MEXICAN REDBUD	CERCIS CANADENSIS MEXICANA	1" CAL.	6`-8`	3`- 4`
RET	1	RETAMA	PARKINSONIA ACULEATA	2" CAL.	8`-10`	5`- 6`

NOTES:

1. ALL TREES SHALL HAVE STRAIGHT TRUNKS, A CENTRAL LEADER, AND BE MATCHING WITHIN VARIETIES.
2. PLANT LIST IS AN AID TO BIDDERS ONLY. CONTRACTOR SHALL VERIFY ALL QUANTITIES ON PLAN.
3. ALL HEIGHTS AND SPREADS ARE MINIMUMS. ALL PLANT MATERIAL SHALL MEET OR EXCEED REMARKS AS INDICATED.

REVISIONS

NO.	DATE	DESCRIPTION

TREE PLANTING NOTES, DETAILS, & SCHEDULE

HAYS STREET BRIDGE PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
[TX REG: F-1114]

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JOB NO.	5835.005
DESIGNED BY:	TLL
DRAWN BY:	MMP
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L5.05

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PLOTTED ON: Monday, April 04, 2022
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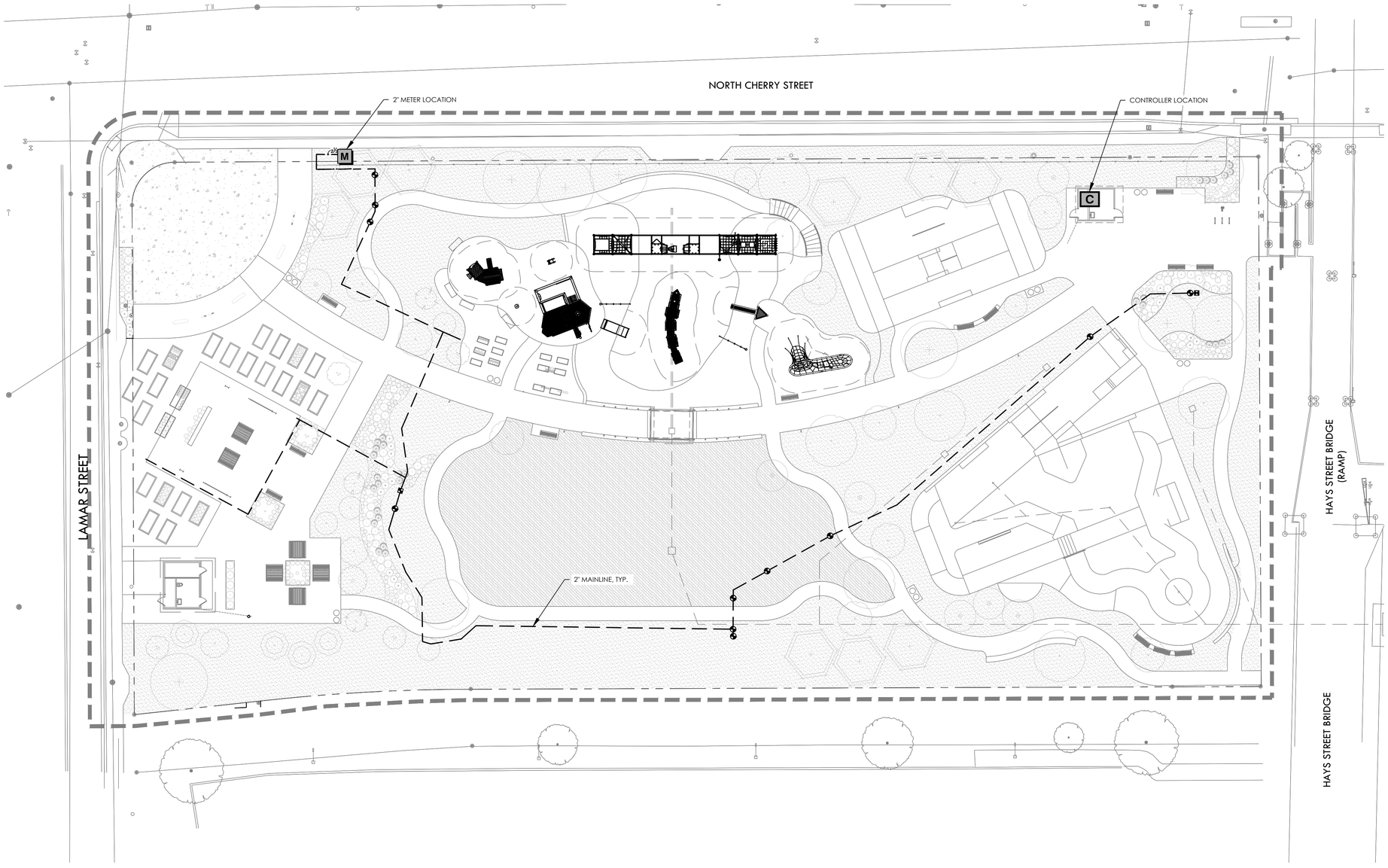

NORTH

GRAPHIC SCALE
0 20 40
1 inch = 20'

REVISIONS

NO.	DATE	DESCRIPTION

IRRIGATION OVERALL

HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG: F-1114)

STATE OF TEXAS
JANEL MOODY
20529
LICENSED IRRIGATOR
04/25/2022

JOB NO.	5835.005
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L6.00

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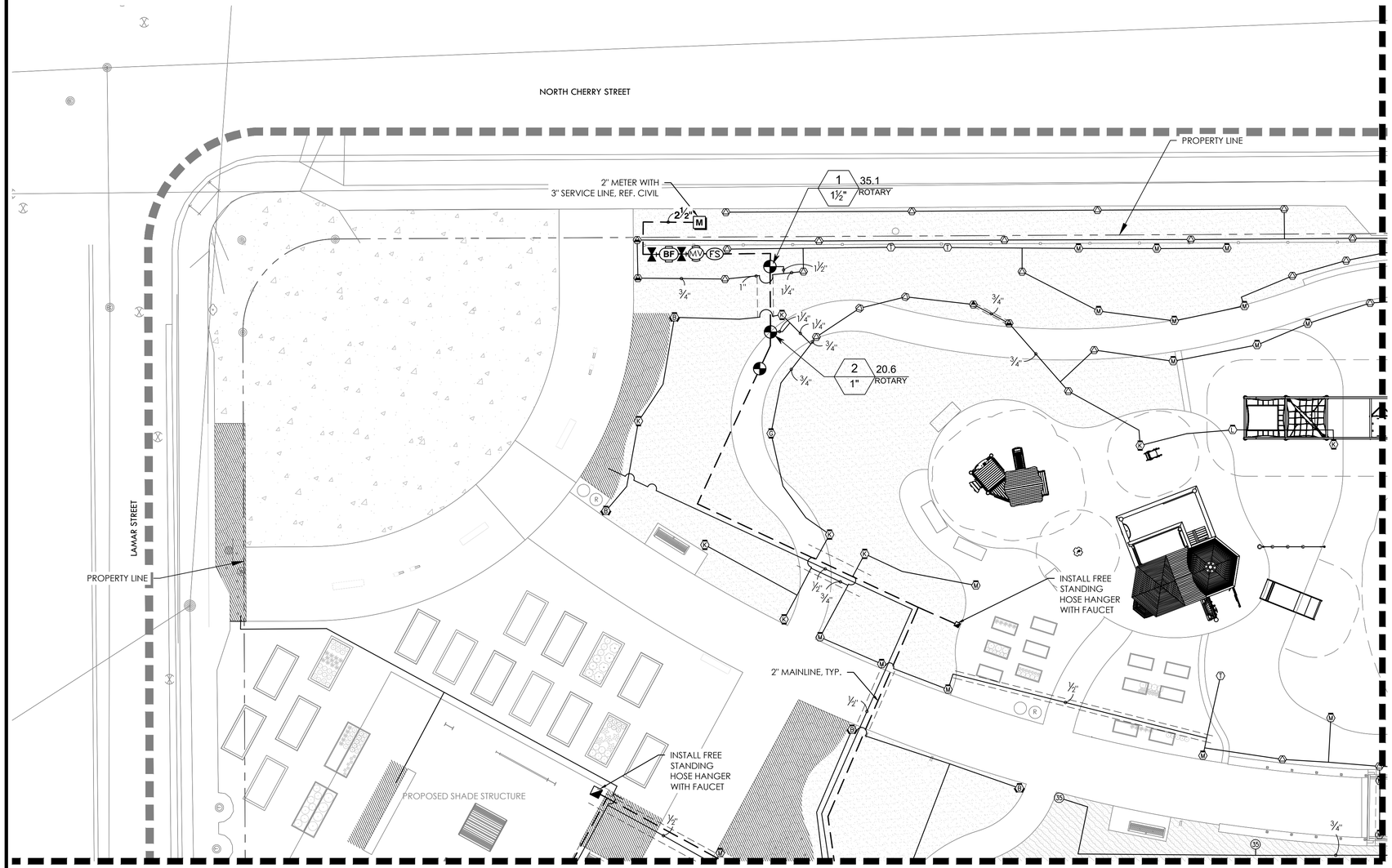

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
T	ROTARY: HUNTER MP CORNER PROS-04-PRS40-CV TURF ROTATOR, 4" (10.16CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR). MP ROTATOR NOZZLE. T=TURQUOISE ADJ ARC 45-105 ON PRS40 BODY.
LST RST SST	ROTARY: HUNTER MP STRIP PROS-04-PRS40-CV TURF ROTATOR, 4" (10.16 CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR). MP ROTATOR NOZZLE ON PRS40 BODY. LST=IVORY LEFT STRIP, SST=BROWN SIDE STRIP, RST=COPPER RIGHT STRIP.
M M M	ROTARY: HUNTER MP1000 PROS-04-PRS40-CV TURF ROTATOR, 4" (10.16 CM) POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR). MP ROTATOR NOZZLE ON PRS40 BODY. M=MAROON ADJ ARC 90 TO 210, L=LIGHT BLUE 210 TO 270 ARC, O=OLIVE 360 ARC.
K K K	ROTARY: HUNTER MP2000 PROS-04-PRS40-CV TURF ROTATOR, 4" (10.16 CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR). MP ROTATOR NOZZLE ON PRS40 BODY. K=BLACK ADJ ARC 90-210, G=GREEN ADJ ARC 210-270, R=RED 360 ARC.
B B B	ROTARY: HUNTER MP3000 PROS-04-PRS40-CV TURF ROTATOR, 4" (10.16 CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR). MP ROTATOR NOZZLE ON PRS40 BODY. B=BLUE ADJ ARC 90-210, Y=YELLOW ADJ ARC 210-270, A=GRAY 360 ARC.
LB	ROTARY: HUNTER MP3500 PROS-04-PRS40-CV TURF ROTATOR, 4.0" POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE ON PRS40 BODY. LB=LIGHT BROWN ADJUSTABLE ARC, 90-210.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
25	ROTOR: RAIN BIRD 5004-SAM-R-PC,FC-MPR TURF ROTOR, 4.0" POP-UP, PLASTIC RISER, MATCHED PRECIPITATION ROTOR (MPR NOZZLE), ARC AND RADIUS AS PER SYMBOL, 25 FT=RED, 30 FT=GREEN, 35FT=BEIGE. WITH SEAL-A-MATIC CHECK VALVE. PRESSURE REGULATING.
30	ROTOR: RAIN BIRD 5004-SAM-R-PC,FC-MPR TURF ROTOR, 4.0" POP-UP, PLASTIC RISER, MATCHED PRECIPITATION ROTOR (MPR NOZZLE), ARC AND RADIUS AS PER SYMBOL, 25 FT=RED, 30 FT=GREEN, 35FT=BEIGE. WITH SEAL-A-MATIC CHECK VALVE. PRESSURE REGULATING.
35	ROTOR: RAIN BIRD 5004-SAM-R-PC,FC-MPR TURF ROTOR, 4.0" POP-UP, PLASTIC RISER, MATCHED PRECIPITATION ROTOR (MPR NOZZLE), ARC AND RADIUS AS PER SYMBOL, 25 FT=RED, 30 FT=GREEN, 35FT=BEIGE. WITH SEAL-A-MATIC CHECK VALVE. PRESSURE REGULATING.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	DRIP VALVE: RAIN BIRD XCZ-075-PRF LOW FLOW DRIP CONTROL KIT, 3/4" LOW FLOW VALVE, 3/4" PRESSURE REGULATING RBY FILTER, AND 30PSI PRESSURE REGULATOR. 0.2GPM-5GPM. INSTALL TWO WIRE EZ-1 DECODER PER MANUFACTURER'S RECOMENDATIONS.
	DRIP VALVE: RAIN BIRD XCZ-150-PRF HIGH FLOW CONTROL ZONE KIT, FOR LARGE COMMERCIAL DRIP ZONES. 1-1/2" PESB VALVE WITH TWO 1" PRESSURE REGULATING (40PSI) QUICK-CHECK BASKET FILTERS. FLOW RANGE: 15-40GPM. INSTALL TWO WIRE EZ-1 DECODER PER MANUFACTURER'S RECOMENDATIONS.
	DRIP VALVE: RAIN BIRD XCZF-100-PRF MEDIUM FLOW DRIP CONTROL KIT, 1" DV VALVE WITH 1" PRESSURE REGULATING FILTER AT 40PSI, AND MDCF FITTING. 3GPM-15GPM. INSTALL TWO WIRE EZ-1 DECODER PER MANUFACTURER'S RECOMMENDATIONS.
ID	DRIP INDICATOR: HUNTER ECO-ID ECO-ID: 1/2" FPT CONNECTION WITH 12-60 PSI OPERATING PRESSURE. SPECIFY WITH HUNTER SJ SWING JOINT.
	AREA TO RECEIVE DRIPLINE DRIP TUBE: RAIN BIRD XFS-CV-04-12 XFS-CV ON-SURFACE LANDSCAPE DRIPLINE WITH A HEAVY-DUTY 4.3 PSI CHECK VALVE. 0.4 GPH EMITTERS AT 12" O.C. DRIPLINE LATERALS SPACED AT 12" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. SPECIFY XF INSERT FITTINGS. AVAILABLE ONLY IN CALIFORNIA

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	REMOTE CONTROL VALVE: HUNTER ICV-G 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.INSTALL TWO WIRE EZ-1 DECODER PER MANUFACTURER'S RECOMENDATIONS.
	QUICK COUPLER: RAIN BIRD 44-NP 1" BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING NON-POTABLE PURPLE RUBBER COVER, AND 2-PIECE BODY. INSTALL IN VAVLE BOX WITH PURPLE LID.
	SHUT OFF VALVE PVC SCHEDULE 40 BALL VALVE, SLIP X SLIP
MV	MASTER VALVE: HUNTER ICV-200-AS-ADJ-FS 2" 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC MASTER VALVE, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE. INSTALL TWO WIRE EZ-1 DECODER PER MANUFACTURER'S RECOMENDATIONS.
BF	BACKFLOW: FEBCO 850, 2" DOUBLE CHECK BACKFLOW PREVENTION
C	CONROLLER: HUNTER HCC-4000-M FOR TWO WIRE 40 STATION OUTDOOR WI-FI ENABLED, FULL-FUNCTIONING CONTROLLER WITH TOUCHSCREEN & FOUR ICM-800 MODULE. COMMERCIAL USE. METAL CABINET. INSTALL EZDS MODULE FOR TWO WIRE USE.
D	DECODER: HUNTER EZ-1 SINGLE STATION DECODER WITH STATUS LED. ONE EZ-1 DECODER PER CONTROL VALVE UP TO 3,650' FROM CONTROLLER. NO SPECIAL WIRE, WIRE CONNECTORS, OR EARTH GROUNDING REQUIRED IN TWO-WIRE PATH.
RW	RAIN/FREEZE SENSOR: HUNTER WRF-CLIK RAIN/FREEZE SENSOR. INSTALL WITHIN 1000 FT OF CONTROLLER. IN LINE OF SIGHT. 22-28 VAC/VDC 100 MA POWER FROM TIMER TRANSFORMER. MOUNT AS NOTED. INCLUDES GUTTER MOUNT.
MD	TWO WIRE MODULE: HUNTER EZDM EZDM DECODER OUTPUT MODULE. PLUG-IN MODULE CONVERTS ANY ICC2 CONTROLLER TO 2-WIRE DECODER SYSTEM (UP TO 54 STATIONS MAXIMUM). TO BE INSTALLED ON UNIVERSAL DECODER STAKE KIT (DECSTAKE10).
FS	FLOW SENSOR: HUNTER HC-200-FLOW 2" FOR USE WITH HYDRAWISE ENABLED CONTROLLER TO MONITOR FLOW AND PROVIDE SYSTEM ALERTS. ALSO FUNCTIONS AS STAND ALONE FLOW TOTALIZER/SUB METER ON ANY RESIDENTIAL OR COMMERCIAL IRRIGATION SYSTEM.
M	WATER METER 2" ASSUMED STATIC PRESSURE OF 65 PSI.
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21
	IRRIGATION MAINLINE: PVC SCHEDULE 40 3" MAINLINE SIZE
	PIPE SLEEVE: PVC SCHEDULE 40
	Valve Callout Valve Number Valve Flow Valve Size

THE IRRIGATION SYSTEM IS DESIGNED FOR A 2-WIRE DECODER SYSTEM. THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COMPLETE, FULLY OPERATIONAL SYSTEM. THE CONTRACTOR SHALL INCLUDE ALL PARTS REQUIRED FOR THE EZ 2-WIRE CONTROL SYSTEM INCLUDING WIRE CONNECTORS, TURF DECODERS, SENSOR DECODERS, PROPER GROUNDING, APPROVED 2-WIRE CABLE, AND LINE SURGE PROTECTION PER THE MANUFACTURER'S RECOMMENDATIONS. CONTACT THE HUNTER REPRESENTATIVE FOR ADDITIONAL INFORMATION. CHARLEY HUSTON 214-577-4168 OR CHARLEY.HUSTON@HUNTERINDUSTRIES.COM.

NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS

NO.	DATE	DESCRIPTION

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG: F-1114)

IRRIGATION PLAN

HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

STATE OF TEXAS
JANEL MOODY
20529
LICENSED IRRIGATOR
04/25/2022

JOB NO.	5835.005
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L6.01

FILE PATH: G:\Production\4000\5000\5800\5835\005\PLA\Drawings\100% Set\Plot Sheets\L6.01 Irrigation Plan

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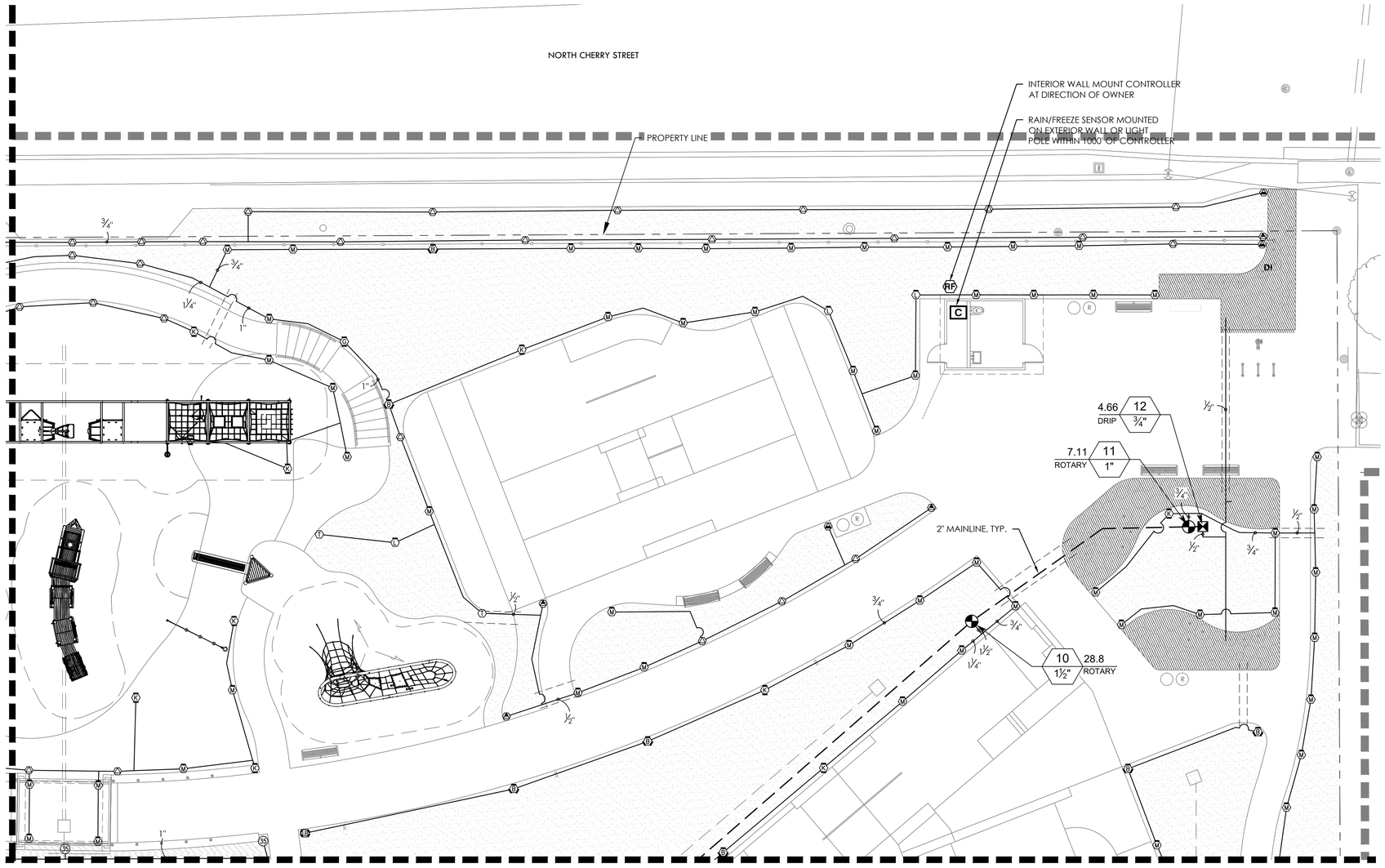
PLOTTED BY: Daniela Martinez
PLOTTED ON: Monday, April 25, 2022
PLOTTED AT: 1:37:20 PM
PLOTTED WITH: _Dunaway.ctb



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
T	ROTARY: HUNTER MP CORNER PROS-04-PRS40-CV TURF ROTATOR, 4" (10.16CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR). MP ROTATOR NOZZLE. T=TURQUOISE ADJ ARC 45-105 ON PRS40 BODY.
LST RST SST	ROTARY: HUNTER MP STRIP PROS-04-PRS40-CV TURF ROTATOR, 4" (10.16 CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR). MP ROTATOR NOZZLE ON PRS40 BODY. LST=IVORY LEFT STRIP, SST=BROWN SIDE STRIP, RST=COPPER RIGHT STRIP.
M M M	ROTARY: HUNTER MP1000 PROS-04-PRS40-CV TURF ROTATOR, 4" (10.16 CM) POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR). MP ROTATOR NOZZLE ON PRS40 BODY. M=MAROON ADJ ARC 90 TO 210, L=LIGHT BLUE 210 TO 270 ARC, O=OLIVE 360 ARC.
K K K	ROTARY: HUNTER MP2000 PROS-04-PRS40-CV TURF ROTATOR, 4" (10.16 CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR). MP ROTATOR NOZZLE ON PRS40 BODY. K=BLACK ADJ ARC 90-210, G=GREEN ADJ ARC 210-270, R=RED 360 ARC.
A A A	ROTARY: HUNTER MP3000 PROS-04-PRS40-CV TURF ROTATOR, 4" (10.16 CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR). MP ROTATOR NOZZLE ON PRS40 BODY. B=BLUE ADJ ARC 90-210, Y=YELLOW ADJ ARC 210-270, A=GRAY 360 ARC.
LB	ROTARY: HUNTER MP3500 PROS-04-PRS40-CV TURF ROTATOR, 6.0" POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE ON PRS40 BODY. LB=LIGHT BROWN ADJUSTABLE ARC, 90-210.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
29	ROTOR: RAIN BIRD 5004-SAM-R-PC,FC-MPR TURF ROTOR, 4.0" POP-UP, PLASTIC RISER, MATCHED PRECIPITATION ROTOR (MPR NOZZLE), ARC AND RADIUS AS PER SYMBOL, 25 FT=RED, 30 FT=GREEN, 35FT=BEIGE. WITH SEAL-A-MATIC CHECK VALVE. PRESSURE REGULATING.
38	ROTOR: RAIN BIRD 5004-SAM-R-PC,FC-MPR TURF ROTOR, 4.0" POP-UP, PLASTIC RISER, MATCHED PRECIPITATION ROTOR (MPR NOZZLE), ARC AND RADIUS AS PER SYMBOL, 25 FT=RED, 30 FT=GREEN, 35FT=BEIGE. WITH SEAL-A-MATIC CHECK VALVE. PRESSURE REGULATING.
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SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	DRIP VALVE: RAIN BIRD XCZ-075-PRF LOW FLOW DRIP CONTROL KIT, 3/4" LOW FLOW VALVE, 3/4" PRESSURE REGULATING RBY FILTER, AND 30PSI PRESSURE REGULATOR. 0.2GPM-5GPM. INSTALL TWO WIRE EZ-1 DECODER PER MANUFACTURER'S RECOMENDATIONS.
	DRIP VALVE: RAIN BIRD XCZ-150-PRF HIGH FLOW CONTROL ZONE KIT, FOR LARGE COMMERCIAL DRIP ZONES. 1-1/2" PESB VALVE WITH TWO 1" PRESSURE REGULATING (40PSI) QUICK-CHECK BASKET FILTERS. FLOW RANGE: 15-40GPM. INSTALL TWO WIRE EZ-1 DECODER PER MANUFACTURER'S RECOMENDATIONS.
	DRIP VALVE: RAIN BIRD XCZF-100-PRF MEDIUM FLOW DRIP CONTROL KIT, 1" DV VALVE WITH 1" PRESSURE REGULATING FILTER AT 40PSI, AND MDCF FITTING. 3GPM-15GPM. INSTALL TWO WIRE EZ-1 DECODER PER MANUFACTURER'S RECOMENDATIONS.
DI	DRIP INDICATOR: HUNTER ECO-ID ECO-ID: 1/2" FPT CONNECTION WITH 12-60 PSI OPERATING PRESSURE. SPECIFY WITH HUNTER SJ SWING JOINT.
	AREA TO RECEIVE DRIPLINE DRIP TUBE: RAIN BIRD XFS-CV-04-12 XFS-CV ON-SURFACE LANDSCAPE DRIPLINE WITH A HEAVY-DUTY 4.3 PSI CHECK VALVE. 0.4 GPH EMITTERS AT 12" O.C. DRIPLINE LATERALS SPACED AT 12" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. SPECIFY XF INSERT FITTINGS. AVAILABLE ONLY IN CALIFORNIA

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
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	QUICK COUPLER: RAIN BIRD 44-NP 1" BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING NON-POTABLE PURPLE RUBBER COVER, AND 2-PIECE BODY. INSTALL IN VAVLE BOX WITH PURPLE LID.
	SHUT OFF VALVE PVC SCHEULE 40 BALL VALVE, SLIP X SLIP
MV	MASTER VALVE: HUNTER ICV-200-AS-ADJ-FS 2" 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC MASTER VALVE, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE. INSTALL TWO WIRE EZ-1 DECODER PER MANUFACTURER'S RECOMENDATIONS.
BF	BACKFLOW: FEBCO 850, 2" DOUBLE CHECK BACKFLOW PREVENTION
C	CONROLLER: HUNTER HCC-4000-M FOR TWO WIRE 40 STATION OUTDOOR WI-FI ENABLED, FULL-FUNCTIONING CONTROLLER WITH TOUCHSCREEN & FOUR ICM-800 MODULE. COMMERCIAL USE. METAL CABINET. INSTALL EZDS MODULE FOR TWO WIRE USE.
D	DECODER: HUNTER EZ-1 SINGLE STATION DECODER WITH STATUS LED. ONE EZ-1 DECODER PER CONTROL VALVE UP TO 3,650' FROM CONTROLLER. NO SPECIAL WIRE, WIRE CONNECTORS, OR EARTH GROUNDING REQUIRED IN TWO-WIRE PATH.
WS	RAIN/FREEZE SENSOR: HUNTER WRF-CLIK RAIN/FREEZE SENSOR. INSTALL WITHIN 1000 FT OF CONTROLLER. IN LINE OF SIGHT. 22-28 VAC/VDC 100 MA POWER FROM TIMER TRANSFORMER. MOUNT AS NOTED. INCLUDES GUTTER MOUNT.
EM	TWO WIRE MODULE: HUNTER EZDM EZDM DECODER OUTPUT MODULE. PLUG-IN MODULE CONVERTS ANY ICC2 CONTROLLER TO 2-WIRE DECODER SYSTEM (UP TO 54 STATIONS MAXIMUM). TO BE INSTALLED ON UNIVERSAL DECODER STAKE KIT (DECSTAKE10).
FS	FLOW SENSOR: HUNTER HC-200-FLOW 2" FOR USE WITH HYDRAWISE ENABLED CONTROLLER TO MONITOR FLOW AND PROVIDE SYSTEM ALERTS. ALSO FUNCTIONS AS STAND ALONE FLOW TOTALIZER/SUB METER ON ANY RESIDENTIAL OR COMMERCIAL IRRIGATION SYSTEM.
M	WATER METER 2" ASSUMED STATIC PRESSURE OF 65 PSI.
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21
	IRRIGATION MAINLINE: PVC SCHEDULE 40 3" MAINLINE SIZE
	PIPE SLEEVE: PVC SCHEDULE 40
	Valve Callout Valve Number Valve Flow Valve Size

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NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS		
NO.	DATE	DESCRIPTION

IRRIGATION PLAN

HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG: F-11141)

STATE OF TEXAS
JANEL MOODY
20529
LICENSED IRRIGATOR
04/25/2022

JOB NO.	5835.005
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L6.02

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PLOTTED ON: Tuesday, April 26, 2022
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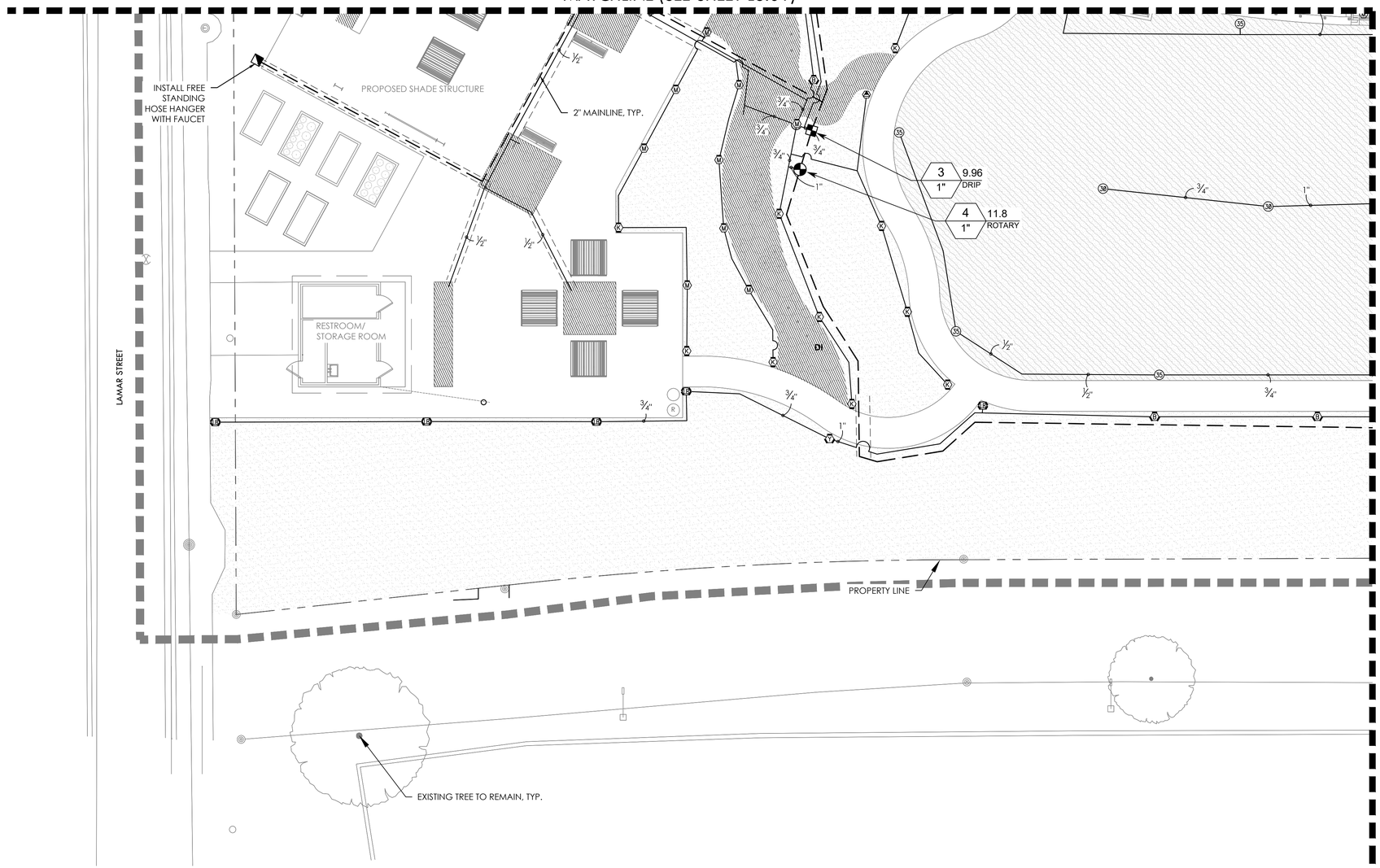

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
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M M M	ROTARY: HUNTER MP1000 PROS-04-PRS40-CV TURF ROTATOR, 4" (10.16 CM) POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR). MP ROTATOR NOZZLE ON PRS40 BODY. M=MAROON ADJ ARC 90 TO 210, L=LIGHT BLUE 210 TO 270 ARC, O=OLIVE 360 ARC.
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A A A	ROTARY: HUNTER MP3000 PROS-04-PRS40-CV TURF ROTATOR, 4" (10.16 CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR). MP ROTATOR NOZZLE ON PRS40 BODY. B=BLUE ADJ ARC 90-210, Y=YELLOW ADJ ARC 210-270, A=GRAY 360 ARC.
LB	ROTARY: HUNTER MP3500 PROS-04-PRS40-CV TURF ROTATOR, 4.0" POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI. MP ROTATOR NOZZLE ON PRS40 BODY. LB=LIGHT BROWN ADJUSTABLE ARC, 90-210.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
29	ROTOR: RAIN BIRD 5004-SAM-R-PC,FC-MPR TURF ROTOR, 4.0" POP-UP, PLASTIC RISER, MATCHED PRECIPITATION ROTOR (MPR NOZZLE), ARC AND RADIUS AS PER SYMBOL, 25 FT=RED, 30 FT=GREEN, 35FT=BEIGE. WITH SEAL-A-MATIC CHECK VALVE. PRESSURE REGULATING.
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SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
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DI	DRIP VALVE: RAIN BIRD XCZ-150-PRF HIGH FLOW CONTROL ZONE KIT, FOR LARGE COMMERCIAL DRIP ZONES. 1-1/2" PESB VALVE WITH TWO 1" PRESSURE REGULATING (40PSI) QUICK-CHECK BASKET FILTERS. FLOW RANGE: 15-40GPM. INSTALL TWO WIRE EZ-1 DECODER PER MANUFACTURER'S RECOMENDATIONS.
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	AREA TO RECEIVE DRIPLINE DRIP TUBE: RAIN BIRD XFS-CV-04-12 XFS-CV ON-SURFACE LANDSCAPE DRIPLINE WITH A HEAVY-DUTY 4.3 PSI CHECK VALVE, 0.4 GPH EMITTERS AT 12" O.C. DRIPLINE LATERALS SPACED AT 12" APART. WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. SPECIFY XF INSERT FITTINGS. AVAILABLE ONLY IN CALIFORNIA

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
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	SHUT OFF VALVE PVC SCHEULE 40 BALL VALVE. SLIP X SLIP
MV	MASTER VALVE: HUNTER ICV-200-AS-ADJ-FS 2" 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC MASTER VALVE, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE. INSTALL TWO WIRE EZ-1 DECODER PER MANUFACTURER'S RECOMENDATIONS.
BF	BACKFLOW: FEBCO 850, 2" DOUBLE CHECK BACKFLOW PREVENTION
C	CONROLLER: HUNTER HCC-4000-M FOR TWO WIRE 40 STATION OUTDOOR WI-FI ENABLED, FULL-FUNCTIONING CONTROLLER WITH TOUCHSCREEN & FOUR ICM-800 MODULE. COMMERCIAL USE. METAL CABINET. INSTALL EZDS MODULE FOR TWO WIRE USE.
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RW	RAIN/FREEZE SENSOR: HUNTER WRF-CLIK RAIN/FREEZE SENSOR, INSTALL WITHIN 1000 FT OF CONTROLLER, IN LINE OF SIGHT. 22-28 VAC/VDC 100 MA POWER FROM TIMER TRANSFORMER. MOUNT AS NOTED. INCLUDES GUTTER MOUNT.
MX	TWO WIRE MODULE: HUNTER EZDM EZDM DECODER OUTPUT MODULE. PLUG-IN MODULE CONVERTS ANY ICC2 CONTROLLER TO 2-WIRE DECODER SYSTEM (UP TO 54 STATIONS MAXIMUM). TO BE INSTALLED ON UNIVERSAL DECODER STAKE KIT (DECSTAKE10).
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	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21
	IRRIGATION MAINLINE: PVC SCHEDULE 40 3" MAINLINE SIZE
	PIPE SLEEVE: PVC SCHEDULE 40

Valve Callout
Valve Number
Valve Row
Valve Size

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NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS

NO.	DATE	DESCRIPTION

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
[TX REG: F-1114]

IRRIGATION PLAN

HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

STATE OF TEXAS
JANEL MOODY
20529
LICENSED IRRIGATOR
04/25/2022

JOB NO.	5835.005
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L6.03

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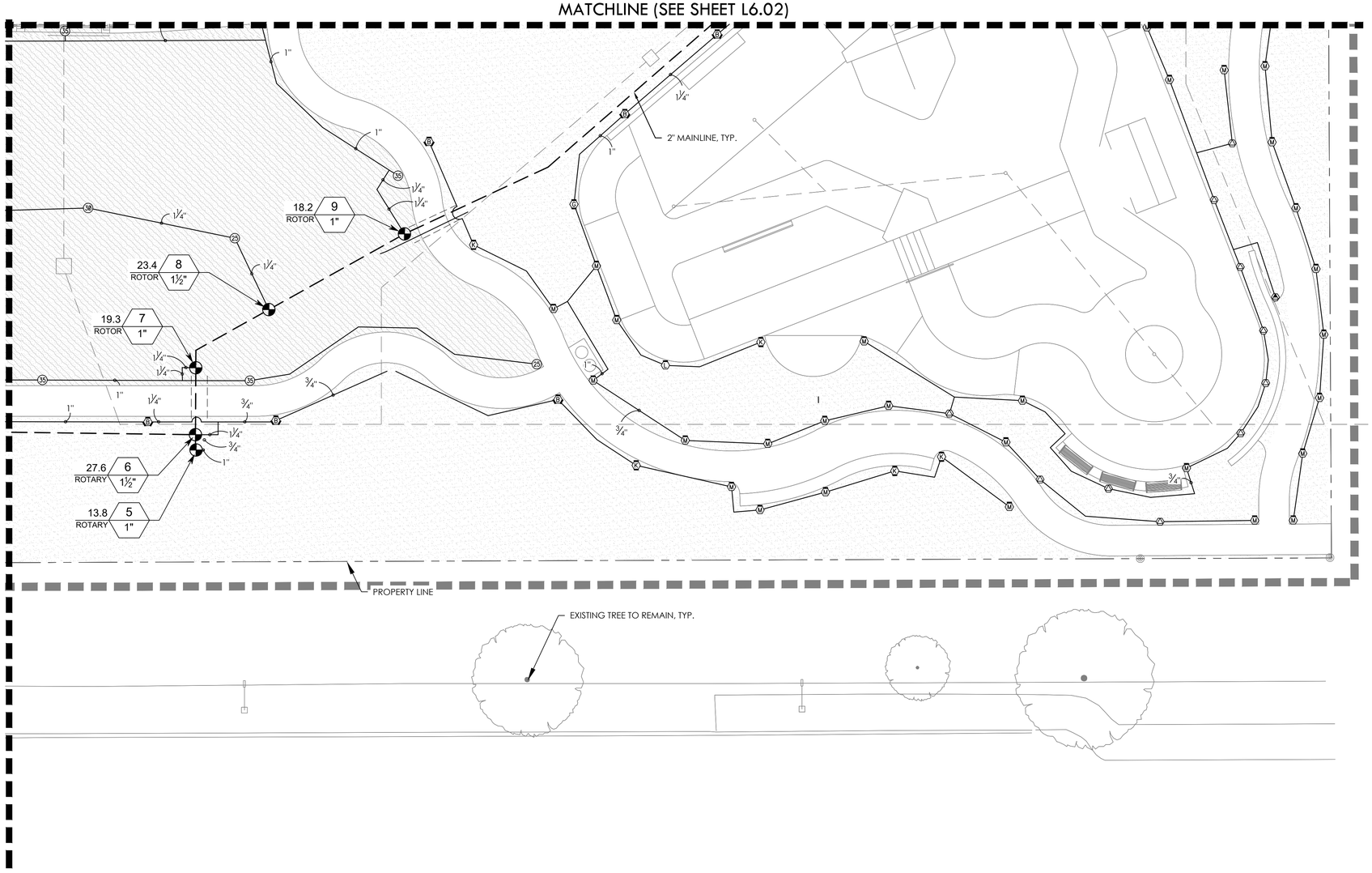

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
T	ROTARY: HUNTER MP CORNER PROS-04-PRS40-CV TURF ROTATOR, 4" (10.16CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR). MP ROTATOR NOZZLE. T=TURQUOISE ADJ ARC 45-105 ON PRS40 BODY.
LST RST SST	ROTARY: HUNTER MP STRIP PROS-04-PRS40-CV TURF ROTATOR, 4" (10.16 CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR). MP ROTATOR NOZZLE ON PRS40 BODY. LST=IVORY LEFT STRIP, SST=BROWN SIDE STRIP, RST=COPPER RIGHT STRIP.
M M M	ROTARY: HUNTER MP1000 PROS-04-PRS40-CV TURF ROTATOR, 4" (10.16 CM) POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR), MP ROTATOR NOZZLE ON PRS40 BODY. M=MAROON ADJ ARC 90 TO 210, L=LIGHT BLUE 210 TO 270 ARC, O=OLIVE 360 ARC.
K K K	ROTARY: HUNTER MP2000 PROS-04-PRS40-CV TURF ROTATOR, 4" (10.16 CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR). MP ROTATOR NOZZLE ON PRS40 BODY. K=BLACK ADJ ARC 90-210, G=GREEN ADJ ARC 210-270, R=RED 360 ARC.
A A A	ROTARY: HUNTER MP3000 PROS-04-PRS40-CV TURF ROTATOR, 4" (10.16 CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR). MP ROTATOR NOZZLE ON PRS40 BODY. B=BLUE ADJ ARC 90-210, Y=YELLOW ADJ ARC 210-270, A=GRAY 360 ARC.
LB	ROTARY: HUNTER MP3500 PROS-04-PRS40-CV TURF ROTATOR, 4.0" POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE ON PRS40 BODY. LB=LIGHT BROWN ADJUSTABLE ARC, 90-210.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
29	ROTOR: RAIN BIRD 5004-SAM-R-PC,FC-MPR TURF ROTOR, 4.0" POP-UP, PLASTIC RISER, MATCHED PRECIPITATION ROTOR (MPR NOZZLE), ARC AND RADIUS AS PER SYMBOL, 25 FT=RED, 30 FT=GREEN, 35FT=BEIGE. WITH SEAL-A-MATIC CHECK VALVE. PRESSURE REGULATING.
38	ROTOR: RAIN BIRD 5004-SAM-R-PC,FC-MPR TURF ROTOR, 4.0" POP-UP, PLASTIC RISER, MATCHED PRECIPITATION ROTOR (MPR NOZZLE), ARC AND RADIUS AS PER SYMBOL, 25 FT=RED, 30 FT=GREEN, 35FT=BEIGE. WITH SEAL-A-MATIC CHECK VALVE. PRESSURE REGULATING.
35	ROTOR: RAIN BIRD 5004-SAM-R-PC,FC-MPR TURF ROTOR, 4.0" POP-UP, PLASTIC RISER, MATCHED PRECIPITATION ROTOR (MPR NOZZLE), ARC AND RADIUS AS PER SYMBOL, 25 FT=RED, 30 FT=GREEN, 35FT=BEIGE. WITH SEAL-A-MATIC CHECK VALVE. PRESSURE REGULATING.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	DRIP VALVE: RAIN BIRD XCZ-075-PRF LOW FLOW DRIP CONTROL KIT, 3/4" LOW FLOW VALVE, 3/4" PRESSURE REGULATING RBY FILTER, AND 30PSI PRESSURE REGULATOR. 0.2GPM-5GPM. INSTALL TWO WIRE EZ-1 DECODER PER MANUFACTURER'S RECOMENDATIONS.
	DRIP VALVE: RAIN BIRD XCZ-150-PRF HIGH FLOW CONTROL ZONE KIT, FOR LARGE COMMERCIAL DRIP ZONES. 1-1/2" PESB VALVE WITH TWO 1" PRESSURE REGULATING (40PSI) QUICK-CHECK BASKET FILTERS. FLOW RANGE: 15-40GPM. INSTALL TWO WIRE EZ-1 DECODER PER MANUFACTURER'S RECOMENDATIONS.
	DRIP VALVE: RAIN BIRD XCZF-100-PRF MEDIUM FLOW DRIP CONTROL KIT, 1" DV VALVE WITH 1" PRESSURE REGULATING FILTER AT 40PSI, AND MIDCF FITTING. 3GPM-15GPM. INSTALL TWO WIRE EZ-1 DECODER PER MANUFACTURER'S RECOMENDATIONS.
DW	DRIP INDICATOR: HUNTER ECO-ID ECO-ID: 1/2" FPT CONNECTION WITH 12-60 PSI OPERATING PRESSURE. SPECIFY WITH HUNTER SJ SWING JOINT.
	AREA TO RECEIVE DRIPLINE DRIP TUBE: RAIN BIRD XFS-CV-04-12 XFS-CV ON-SURFACE LANDSCAPE DRIPLINE WITH A HEAVY-DUTY 4.3 PSI CHECK VALVE, 0.4 GPH EMITTERS AT 12" O.C. DRIPLINE LATERALS SPACED AT 12" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. SPECIFY XF INSERT FITTINGS. AVAILABLE ONLY IN CALIFORNIA

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	REMOTE CONTROL VALVE: HUNTER ICV-G 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET. FOR COMMERCIAL/MUNICIPAL USE.INSTALL TWO WIRE EZ-1 DECODER PER MANUFACTURER'S RECOMENDATIONS.
	QUICK COUPLER: RAIN BIRD 44-NP 1" BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING NON-POTABLE PURPLE RUBBER COVER, AND 2-PIECE BODY. INSTALL IN VAVLE BOX WITH PURPLE LID.
	SHUT OFF VALVE PVC SCHEDULE 40 BALL VALVE, SLIP X SLIP
MV	MASTER VALVE: HUNTER ICV-200-AS-ADJ-FS 2" 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC MASTER VALVE, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE. INSTALL TWO WIRE EZ-1 DECODER PER MANUFACTURER'S RECOMENDATIONS.
BF	BACKFLOW: FEBCO 850, 2" DOUBLE CHECK BACKFLOW PREVENTION
C	CONROLLER: HUNTER HCC-4000-M FOR TWO WIRE 40 STATION OUTDOOR WI-FI ENABLED, FULL-FUNCTIONING CONTROLLER WITH TOUCHSCREEN & FOUR ICM-800 MODULE. COMMERCIAL USE. METAL CABINET. INSTALL EZDS MODULE FOR TWO WIRE USE.
D	DECODER: HUNTER EZ-1 SINGLE STATION DECODER WITH STATUS LED. ONE EZ-1 DECODER PER CONTROL VALVE UP TO 3,650' FROM CONTROLLER. NO SPECIAL WIRE, WIRE CONNECTORS, OR EARTH GROUNDING REQUIRED IN TWO-WIRE PATH.
RS	RAIN/FREEZE SENSOR: HUNTER WRF-CLIK RAIN/FREEZE SENSOR. INSTALL WITHIN 1000 FT OF CONTROLLER. IN LINE OF SIGHT. 22-28 VAC/VDC 100 MA POWER FROM TIMER TRANSFORMER. MOUNT AS NOTED. INCLUDES GUTTER MOUNT.
EZM	TWO WIRE MODULE: HUNTER EZDM EZDM DECODER OUTPUT MODULE. PLUG-IN MODULE CONVERTS ANY ICC2 CONTROLLER TO 2-WIRE DECODER SYSTEM (UP TO 54 STATIONS MAXIMUM). TO BE INSTALLED ON UNIVERSAL DECODER STAKE KIT (DECSTAKE10).
FS	FLOW SENSOR: HUNTER HC-200-FLOW 2" FOR USE WITH HYDRAWISE ENABLED CONTROLLER TO MONITOR FLOW AND PROVIDE SYSTEM ALERTS. ALSO FUNCTIONS AS STAND ALONE FLOW TOTALIZER/SUB METER ON ANY RESIDENTIAL OR COMMERCIAL IRRIGATION SYSTEM.
M	WATER METER 2" ASSUMED STATIC PRESSURE OF 65 PSI.
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21
	IRRIGATION MAINLINE: PVC SCHEDULE 40 3" MAINLINE SIZE
	PIPE SLEEVE: PVC SCHEDULE 40

Valve Callout: Valve Number, Valve Flow, Valve Size

THE IRRIGATION SYSTEM IS DESIGNED FOR A 2-WIRE DECODER SYSTEM. THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COMPLETE, FULLY OPERATIONAL SYSTEM. THE CONTRACTOR SHALL INCLUDE ALL PARTS REQUIRED FOR THE EZ 2-WIRE CONTROL SYSTEM INCLUDING WIRE CONNECTORS, TURF DECODERS, SENSOR DECODERS, PROPER GROUNDING, APPROVED 2-WIRE CABLE, AND LINE SURGE PROTECTION PER THE MANUFACTURER'S RECOMMENDATIONS. CONTACT THE HUNTER REPRESENTATIVE FOR ADDITIONAL INFORMATION. CHARLEY HUSTON 214-577-4168 OR CHARLEY.HUSTON@HUNTERINDUSTRIES.COM.

NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS		
NO.	DATE	DESCRIPTION

IRRIGATION PLAN

HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG: F-11141)

STATE OF TEXAS
JANEL MOODY
20529
LICENSED IRRIGATOR
04/25/2022

JOB NO.	5835.005
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L6.04

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PLOTTED BY: Daniela Martinez
PLOTTED ON: Monday, April 04, 2022
PLOTTED AT: 1:59:29 PM
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IRRIGATION NOTES:

1. IRRIGATION PLAN IS SCHEMATIC. ALL PIPING HEADS, VALVES, ETC. SHALL BE LOCATED AS SHOWN ON THE DETAILS. REPORT ANY DISCREPANCIES BETWEEN ACTUAL AND PROPOSED SITE CONDITIONS TO THE OWNER. DO NOT PROCEED WITH WORK UNTIL SAID DISCREPANCIES ARE RESOLVED.

2. VERIFY THAT THE WORK OF OTHER CONTRACTORS/TRADES IS SUFFICIENTLY COMPLETE TO ALLOW COMMENCEMENT OF IRRIGATION INSTALLATION PRIOR TO BEGINNING OF WORK. CONTRACTORS SHALL COORDINATE INSTALLATION OF ALL IRRIGATION SLEEVES UNDER PAVEMENT WITH OTHER CONTRACTORS.

3. COORDINATE IRRIGATION INSTALLATION WITH THE WORK OF OTHER CONTRACTORS/TRADES AND PROTECT THE WORK OF OTHER CONTRACTOR/TRADES. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES RESULTING FROM HIS ACTIONS.

4. THE IRRIGATION CONTRACTOR SHALL PROVIDE THE OWNER WITH TWO COPIES OF THE PARTS LIST AND MANUFACTURER'S CATALOG SHOWING PERFORMANCE, QUALITY AND FUNCTION OF EACH ITEM OF EQUIPMENT IN THE SYSTEM. IN ADDITION, THE IRRIGATION CONTRACTOR SHALL PROVIDE THE OWNER WRITTEN INSTRUCTIONS FOR OPERATION AND MAINTENANCE OF THE SYSTEM.

5. PRIOR TO THE ACCEPTANCE OF IRRIGATION SYSTEM BY OWNER, A PERSON QUALIFIED TO REPRESENT THE IRRIGATION CONTRACTOR SHALL BE PRESENT AT THE FINAL INSPECTION TO DEMONSTRATE THE SYSTEM AND PROVE ITS PERFORMANCE PRIOR TO THE INSPECTION. ALL WORK SHALL HAVE BEEN COMPLETED, TESTED, ADJUSTED, AND PLACED IN OPERATION.

6. WORK MUST BE GUARANTEED FOR TWO YEARS.

7. IRRIGATION SYSTEM INSTALLATION TO BE PERFORMED IN ACCORDANCE WITH ALL PERTINENT CODES AND ORDINANCES.

8. NO PVC PIPING SHALL BE LOCATED UNDER TREE ROOTBALLS.

9. THE CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION. IF ANY UNDERGROUND OR ABOVE GROUND CONSTRUCTION IS LOCATED AS TO SIGNIFICANTLY HINDER INSTALLATION OR FUNCTION OF THE IRRIGATION SYSTEM, THE OWNER SHALL BE NOTIFIED IMMEDIATELY.

10. MAIN LINE PIPING AND LATERAL PIPING MAY BE PLACED IN SAME TRENCH WHEN POSSIBLE. MAIN LINE PIPING SHALL BE INSTALLED IN BOTTOM OF TRENCH WITH LATERALS ON TOP.

11. SLEEVES SHALL BE INSTALLED WHEREVER PIPES RUN UNDER PAVEMENT. SLEEVES SHALL BE SCH 40 AND A MINIMUM OF TWO PIPE SIZES LARGER THAN THE PIPE.

12. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ELECTRICAL POWER TO ALL CONTROLLERS.

13. PRIOR TO BEGINNING OF WORK, CONTRACTOR SHALL VERIFY MINIMUM STATIC PRESSURE AT THE POINT OF CONNECTION OF <<70>> PSI. IF THE STATIC PRESSURE IS LESS THAN <<70>> PSI AT THE POINT OF CONNECTION, STOP WORK, NOTIFY ENGINEER AND DO NOT PROCEED UNTIL INSTRUCTED BY ENGINEER.

14. ATTACH A PREPRINTED, HEAVY DUTY PLASTIC SERIALIZED TAG TO EACH CONTROL VALVE WITH ITS ASSOCIATED CONTROLLER STATION NUMBER. TAGS SHOULD BE AS SUPPLIED BY RAINBIRD OR APPROVED EQUAL.

15. THE PIPE SHOWN IN PAVED AREAS WITHOUT SLEEVES IS SHOWN IN THESE AREAS FOR PURPOSE OF DRAWING CLARITY. PIPE TO BE IN NEAREST UNPAVED LOCATION.

16. THE IRRIGATION CONTROLLER(S) SHALL BE EQUIPPED WITH RAIN/FREEZE SENSOR(S). MOUNT THE TRANSMITTER(S) IN AN OPEN AREA AS DIRECTED BY THE OWNER.

17. ALL BACKFLOW INSTALLATIONS AND CONNECTIONS TO CITY WATER LINES MUST BE PERMITTED SEPARATELY BY THE CITY INSPECTION STAFF.

18. THE IRRIGATION SYSTEM SHALL BE MAINTAINED IN ITS PROPER WORKING ORDER DURING THE 2 YEAR MAINTENANCE PERIOD.

19. ALL WIRING SHALL BE RATED FOR DIRECT BURIAL.

INSPECTION NOTES:

1. HEADS SHALL NOT SPRAY ON IMPERVIOUS SURFACES.

2. HEADS SHALL NOT SPRAY ON WALLS OR FENCES.

3. HEADS SHALL NOT BE CLOSER THAN 4 INCHES OF THE EDGE OF HARDSCAPE.

4. NO DRINKING DOMESTIC USES ALLOWED ON IRRIGATION LINES, NO SWIMMING POOL USE OR FOUNTAINS.

5. CONTRACTOR SHALL COMPLY WITH ALL INSPECTION REQUIREMENTS OF THE MUNICIPALITY.

6. FOR FINAL INSPECTION, IRRIGATOR'S REPRESENTATIVE MUST BE PRESENT.

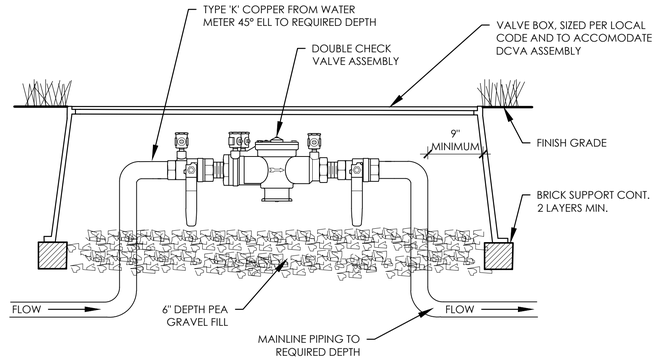
NETAFIM NOTES:

1. AIR RELIEF VALVE TO BE PLACED AT HIGH POINT IN BED.

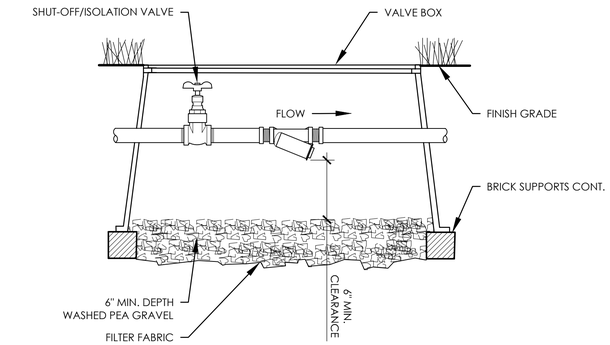
2. FLUSH VALVE TO BE PLACED AT LOW POINT IN BED ON EXHAUST LINE.

3. THESE LAYOUTS ARE TYPICAL AND ARE SUBJECT TO CHANGE DUE TO SITE CONDITIONS SUCH AS GRADING.

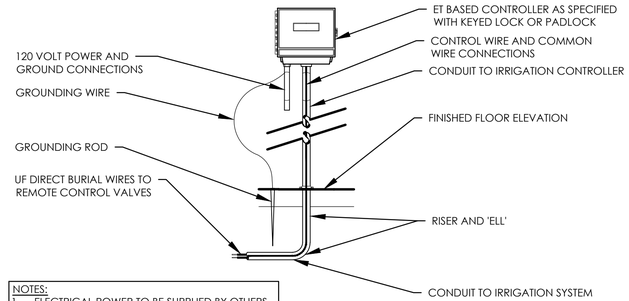
4. IRRIGATION LATERAL LINES FEED SUPPLY HEADERS.



A **DOUBLE CHECK VALVE ASSEMBLY** SCALE: NTS

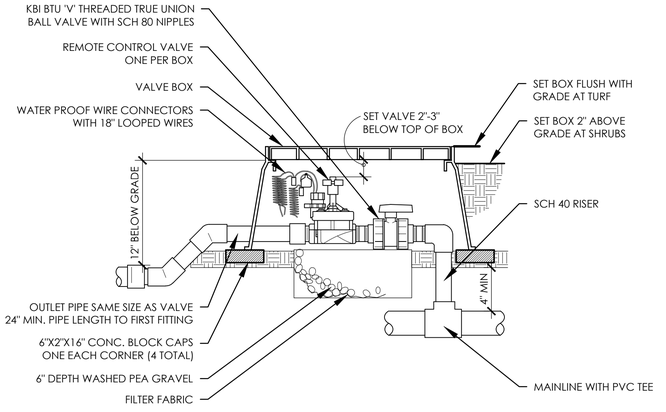


B **WYE STRAINER** SCALE: NTS

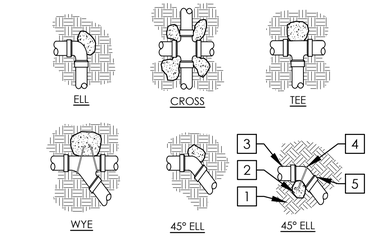


NOTES:
1. ELECTRICAL POWER TO BE SUPPLIED BY OTHERS.
2. ALL WIRING TO BE INSTALLED PER LOCAL CODES.
3. SEE ELECTRICAL PLANS FOR EXACT LOCATION OF CONTROLLER.
4. CONTROLLER TO BE MOUNTED APPROXIMATELY 5'-0" ABOVE FINISHED FLOOR ELEVATION.

C **WALL MOUNT CONTROLLER** SCALE: NTS



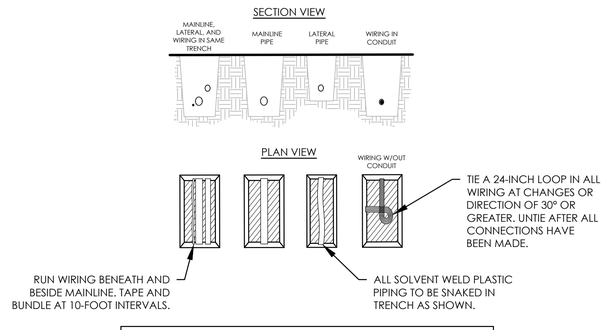
D **REMOTE CONTROL/MASTER VALVE** SCALE: NTS



NOTES:
1. SUPPLY LINES 2-1/2" IN DIAMETER OR LARGER SHALL RECEIVE CONCRETE THRUST BLOCKS.
2. SIZE THRUST BLOCKS ACCORDING TO PIPE SIZE, LINE PRESSURE, FITTING TYPE, DEGREE OF BEND AND SOIL TYPE.

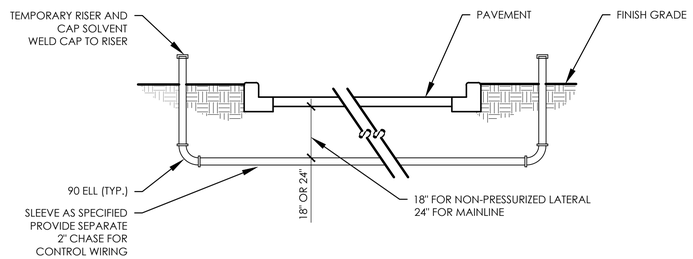
1. UNDISTURBED SOIL (TYP.)
2. CONCRETE THRUST BLOCK (TYP.)
3. PIPE (TYP.)
4. REBAR BENT AROUND FITTING (TYP.)
5. FITTING (TYP.)

E **THRUST BLOCK** SCALE: NTS



NOTES:
1. SLEEVE BELOW ALL HARDSCAPE ELEMENTS WITH SCHEDULE 40 PVC PIPE, TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE WITHIN.
2. FOR PIPE AND WIRE BURIAL DEPTHS, SEE SPECIFICATIONS.
3. CONTROLLER WIRE BURIED WITHOUT CONDUIT SHALL BE RATED FOR DIRECT BURIAL.

F **PIPE AND WIRE TRENCHING** SCALE: NTS



G **SLEEVE INSTALLATION** SCALE: NTS

REVISIONS

NO.	DATE	DESCRIPTION

IRRIGATION NOTES & DETAILS

HAYS STREET BRIDGE PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
[TX REG: F-11141]

STATE OF TEXAS
JANEL MOODY
20529
LICENSED IRRIGATOR
04/25/2022

JOB NO.	5835.005
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L6.05

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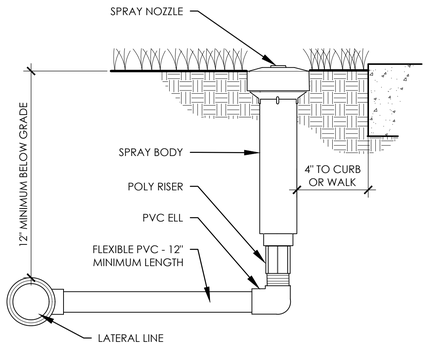
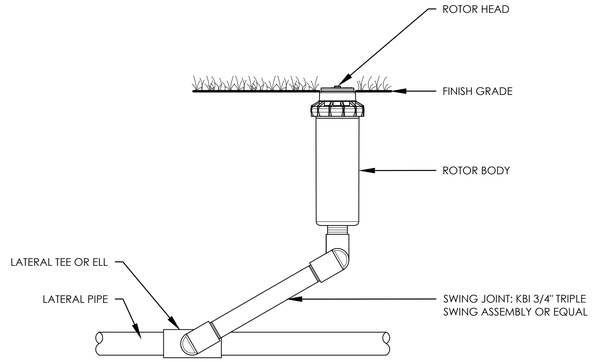
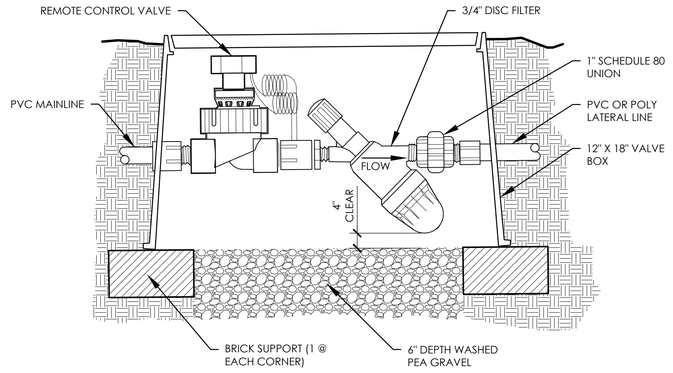


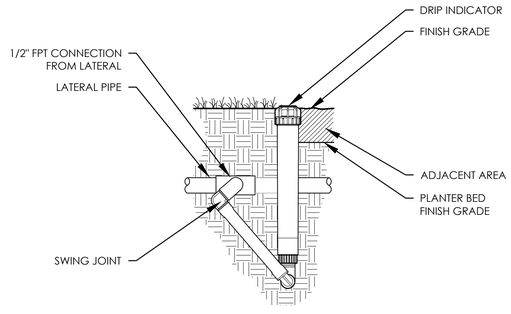
A **ROTARY SPRAY HEAD** SCALE: NTS



B **ROTOR HEAD** SCALE: NTS

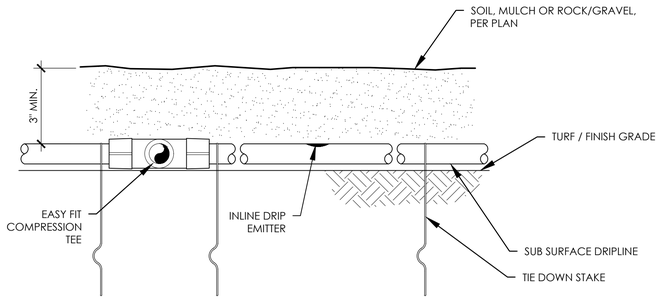


C **DRIP REMOTE CONTROL VALVE** SCALE: NTS

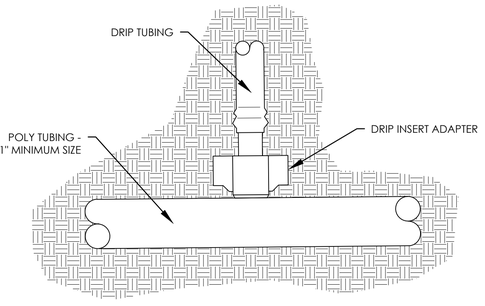


D **DRIP INDICATOR ON SWING JOINT** SCALE: NTS

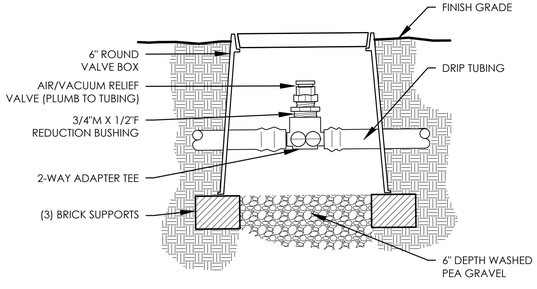
NOTES:
1. PLACE TIE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM, AND FIVE FEET IN CLAY.
2. AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE-DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION.



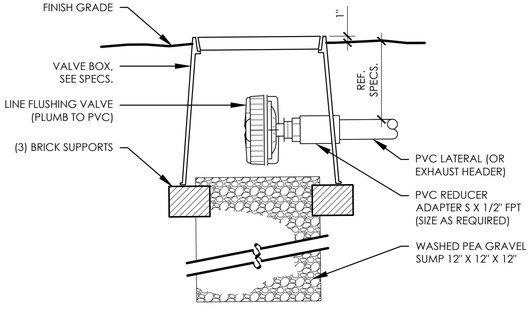
E **DRIP TUBING INSTALLATION** SCALE: NTS



F **DRIP START CONNECTION** SCALE: NTS



G **DRIP AIR/VACUUM RELIEF VALVE** SCALE: NTS



H **DRIP LINE FLUSHING VALVE** SCALE: NTS

REVISIONS			
NO.	DATE	DESCRIPTION	

IRRIGATION DETAILS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG: F-1114)

HAYS STREET BRIDGE PARK
SAN ANTONIO, TEXAS

STATE OF TEXAS
JANEL MOODY
20529
LICENSED IRRIGATOR
04/25/2022

JOB NO.	5835.005
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L6.06

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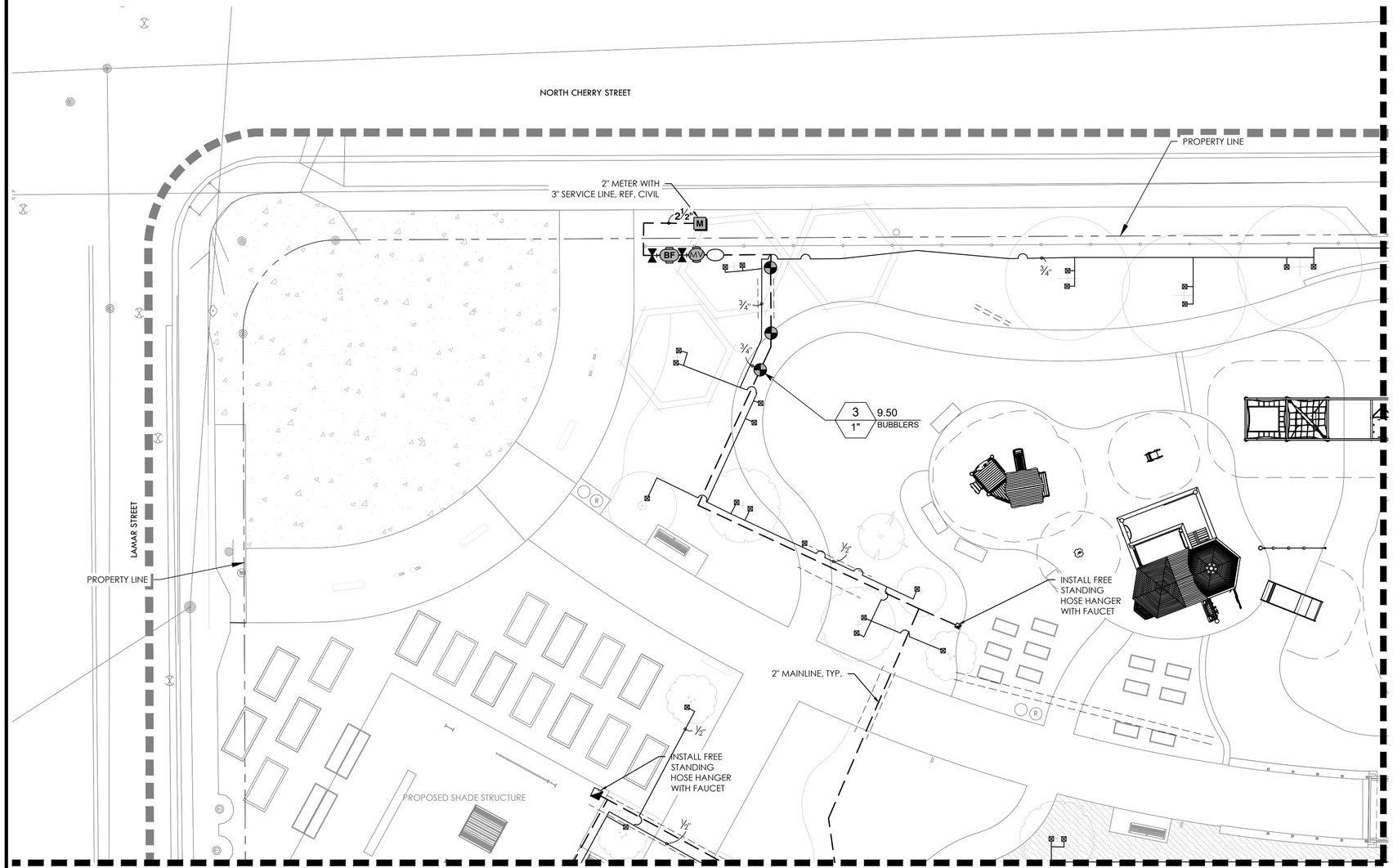

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	BUBBLER:HUNTER PROS-02-MSBN 10F MULTI-STREAM BUBBLER, 2" POP-UP,.50=0.5GPM.

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
25G 30G 30H 15H 10F 25F	REMOTE CONTROL VALVE: HUNTER ICV-G 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.INSTALL TWO WIRE EZ-1 DECODER PER MANUFACTURER'S RECOMENDATIONS.
D	DECODER: HUNTER EZ-1 SINGLE STATION DECODER WITH STATUS LED. ONE EZ-1 DECODER PER CONTROL VALVE UP TO 3,650' FROM CONTROLLER. NO SPECIAL WIRE, WIRE CONNECTORS, OR EARTH GROUNDING REQUIRED IN TWO-WIRE PATH.
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21
	IRRIGATION MAINLINE: PVC SCHEDULE 40 3" MAINLINE SIZE
	PIPE SLEEVE: PVC SCHEDULE 40

Valve Callout
Valve Number
Valve Flow
Valve Size

THE IRRIGATION SYSTEM IS DESIGNED FOR A 2-WIRE DECODER SYSTEM. THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR PROVIDING A COMPLETE, FULLY OPERATIONAL SYSTEM. THE CONTRACTOR SHALL INCLUDE ALL PARTS REQUIRED FOR THE EZ 2-WIRE CONTROL SYSTEM INCLUDING WIRE CONNECTORS, TURF DECODERS, SENSOR DECODERS, PROPER GROUNDING, APPROVED 2-WIRE CABLE, AND LINE SURGE PROTECTION PER THE MANUFACTURER'S RECOMMENDATIONS. CONTACT THE HUNTER REPRESENTATIVE FOR ADDITIONAL INFORMATION. CHARLEY HUSTON 214-577-4168 OR CHARLEY.HUSTON@HUNTERINDUSTRIES.COM.

NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS

NO.	DATE	DESCRIPTION

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
[TX REG: F-1114]

IRRIGATION TREE PLAN

HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

STATE OF TEXAS
JANEL MOODY
20529
LICENSED LANDSCAPE ARCHITECT
04/25/2022

JOB NO.	5835.005
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L7.01

FILE PATH: G:\Production\4000\5000\5835\005\PLA\Drawings\100% Set\Plot Sheets\Irrigation Plan

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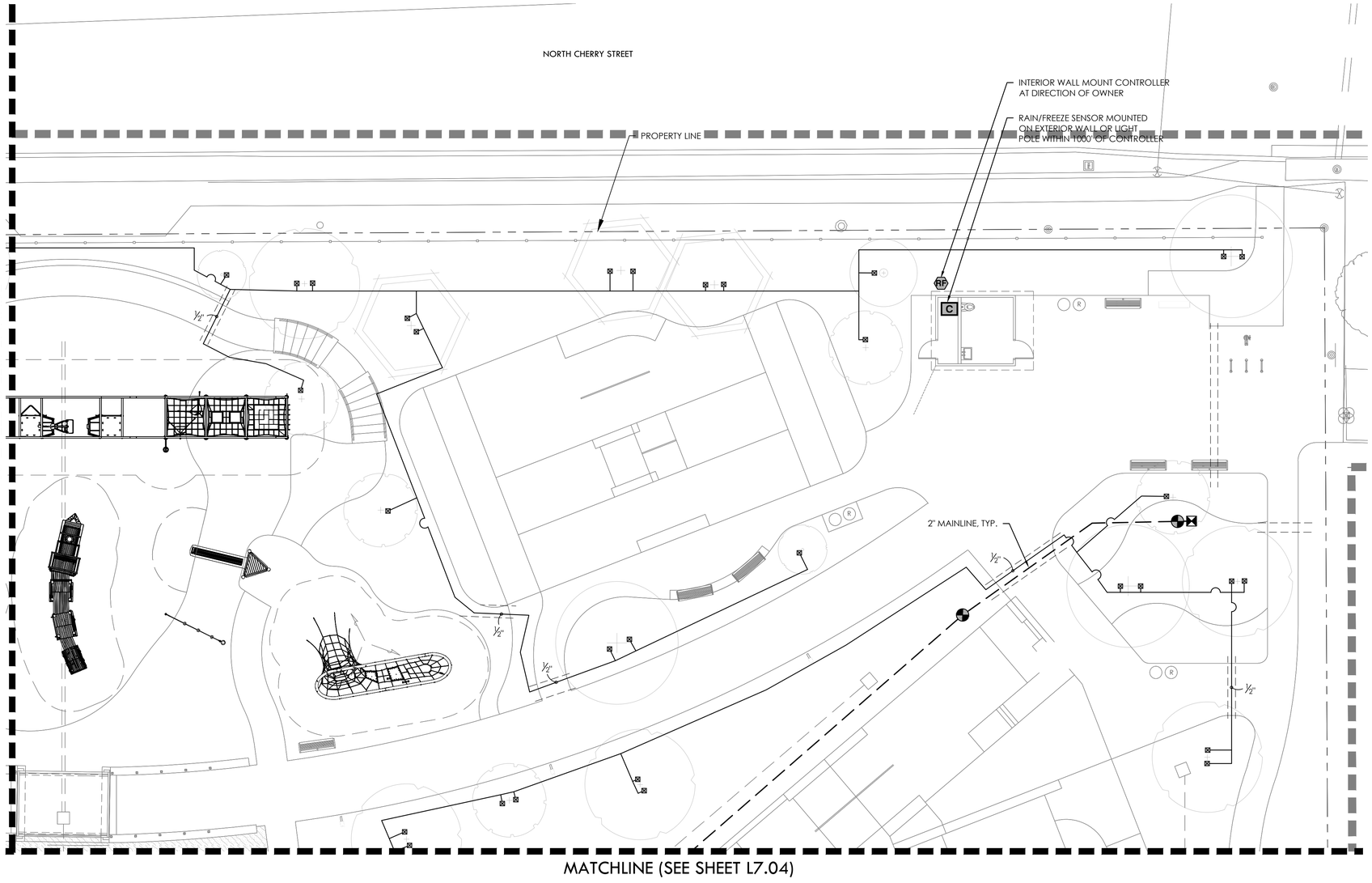
PLOTTED BY: Tamara Martinez
PLOTTED ON: Monday, April 25, 2022
PLOTTED AT: 2:32:08 PM
PLOTTED WITH: _Arches PDF.pc3



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	BUBBLER:HUNTER PROS-02-MSBN 10F MULTI-STREAM BUBBLER, 2" POP-UP,.50=0.5GPM.
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
25G 30G 30H 15H 10F 25F	REMOTE CONTROL VALVE: HUNTER ICV-G 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.INSTALL TWO WIRE EZ-1 DECODER PER MANUFACTURER'S RECOMENDATIONS.
D	DECODER: HUNTER EZ-1 SINGLE STATION DECODER WITH STATUS LED. ONE EZ-1 DECODER PER CONTROL VALVE UP TO 3,650' FROM CONTROLLER. NO SPECIAL WIRE, WIRE CONNECTORS, OR EARTH GROUNDING REQUIRED IN TWO-WIRE PATH.
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21
	IRRIGATION MAINLINE: PVC SCHEDULE 40 3" MAINLINE SIZE
	PIPE SLEEVE: PVC SCHEDULE 40

Valve Callout
Valve Number
Valve Flow
Valve Size

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NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS

NO.	DATE	DESCRIPTION

IRRIGATION TREE PLAN

HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
[TX REG: F-1114]

STATE OF TEXAS
JANEL MOODY
20529
LICENSED IRRIGATOR
04/25/2022

JOB NO.	5835.005
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L7.02

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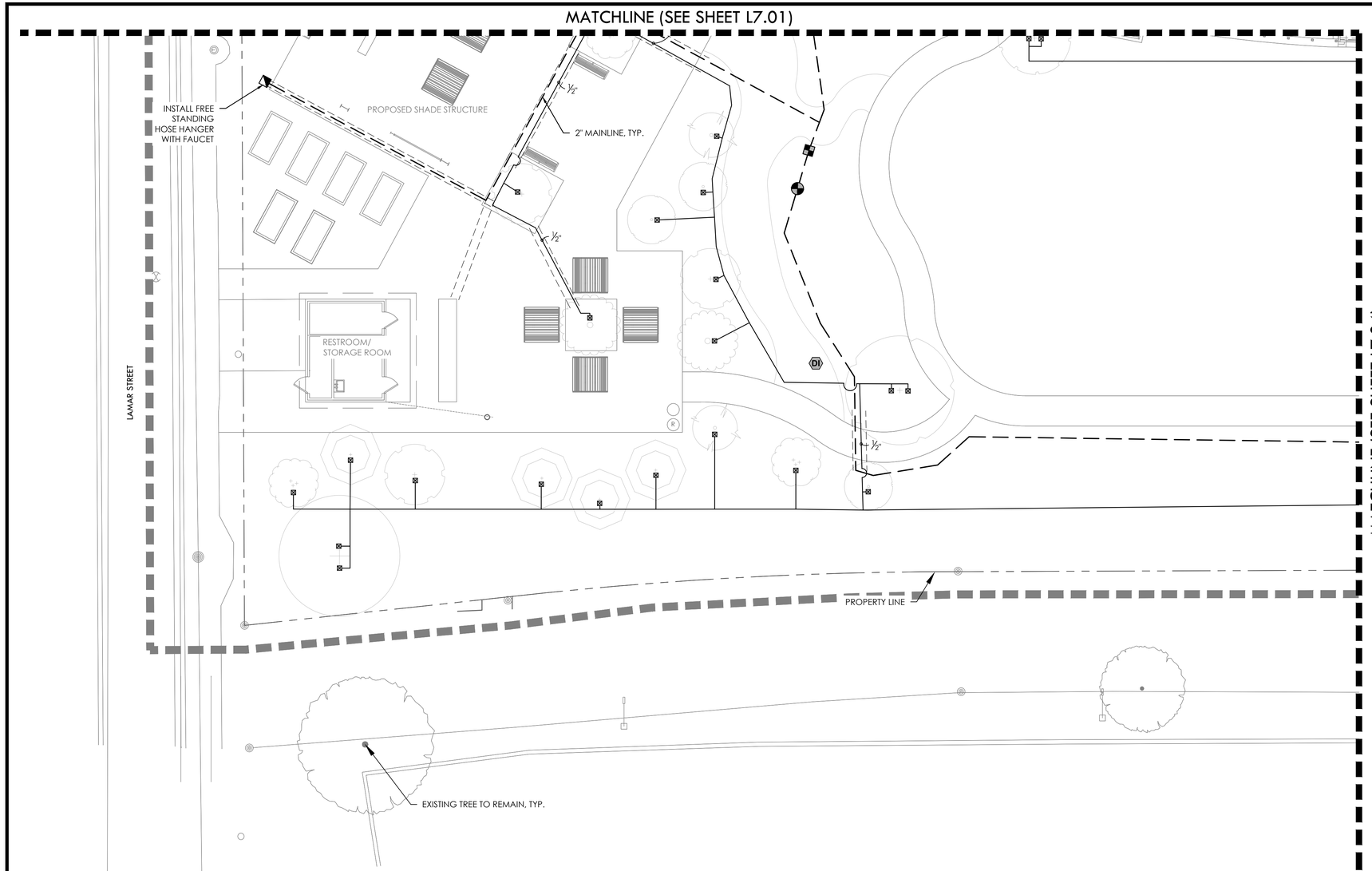
PLOTTED BY: Damaris Martinez
PLOTTED ON: Wednesday, April 06, 2022
PLOTTED AT: 2:45:59 PM
PLOTTER NAME: _Adobe PDF.pc3



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
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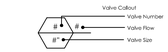
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21
	IRRIGATION MAINLINE: PVC SCHEDULE 40 3" MAINLINE SIZE
	PIPE SLEEVE: PVC SCHEDULE 40



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NORTH

GRAPHIC SCALE
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REVISIONS

NO.	DATE	DESCRIPTION

IRRIGATION TREE PLAN

HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
[TX REG: F-1114]

STATE OF TEXAS
JANEL MOODY
20529
LICENSED IRRIGATOR
04/25/2022

JOB NO.	5835.005
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L7.03

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PLOTTED BY: Damon Martinez
PLOTTED ON: Wednesday, April 06, 2022
PLOTTED AT: 7:20:40 PM
PLOTTER NAME: _ANSIarchF.pc3

MATCHLINE (SEE SHEET L7.02)

MATCHLINE (SEE SHEET L7.03)

2" MAINLINE, TYP.

3/4"

3/4"

3/4"

PROPERTY LINE

EXISTING TREE TO REMAIN, TYP.

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	BUBBLER:HUNTER PROS-02-MSBN 10F MULTI-STREAM BUBBLER, 2" POP-UP,.50=0.5GPM.

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25G 30G 35H 15H 10F 20F	REMOTE CONTROL VALVE: HUNTER ICV-G 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE.INSTALL TWO WIRE EZ-1 DECODER PER MANUFACTURER'S RECOMENDATIONS.
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	IRRIGATION MAINLINE: PVC SCHEDULE 40 3" MAINLINE SIZE
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Valve Callout
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- Valve Flow
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NORTH

GRAPHIC SCALE
0 10 20
1 inch = 10'

REVISIONS

NO.	DATE	DESCRIPTION

IRRIGATION TREE PLAN

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
[TX REG: F-1114]

HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

STATE OF TEXAS
JANEL MOODY
20529
LICENSED IRRIGATOR
04/25/2022

JOB NO.	5835.005
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L7.04

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PLOTTED BY: Damaris Martinez
PLOTTED ON: Wednesday, April 06, 2022
PLOTTED AT: 2:05:35 PM
PLOTTER NAME: _Adobe PDF.pc3

IRRIGATION NOTES:

1. IRRIGATION PLAN IS SCHEMATIC. ALL PIPING HEADS, VALVES, ETC. SHALL BE LOCATED AS SHOWN ON THE DETAILS. REPORT ANY DISCREPANCIES BETWEEN ACTUAL AND PROPOSED SITE CONDITIONS TO THE OWNER. DO NOT PROCEED WITH WORK UNTIL SAID DISCREPANCIES ARE RESOLVED.

2. VERIFY THAT THE WORK OF OTHER CONTRACTORS/TRADES IS SUFFICIENTLY COMPLETE TO ALLOW COMMENCEMENT OF IRRIGATION INSTALLATION PRIOR TO BEGINNING OF WORK. CONTRACTORS SHALL COORDINATE INSTALLATION OF ALL IRRIGATION SLEEVES UNDER PAVEMENT WITH OTHER CONTRACTORS.

3. COORDINATE IRRIGATION INSTALLATION WITH THE WORK OF OTHER CONTRACTORS/TRADES AND PROTECT THE WORK OF OTHER CONTRACTOR/TRADES. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES RESULTING FROM HIS ACTIONS.

4. THE IRRIGATION CONTRACTOR SHALL PROVIDE THE OWNER WITH TWO COPIES OF THE PARTS LIST AND MANUFACTURER'S CATALOG SHOWING PERFORMANCE, QUALITY AND FUNCTION OF EACH ITEM OF EQUIPMENT IN THE SYSTEM. IN ADDITION, THE IRRIGATION CONTRACTOR SHALL PROVIDE THE OWNER WRITTEN INSTRUCTIONS FOR OPERATION AND MAINTENANCE OF THE SYSTEM.

5. PRIOR TO THE ACCEPTANCE OF IRRIGATION SYSTEM BY OWNER, A PERSON QUALIFIED TO REPRESENT THE IRRIGATION CONTRACTOR SHALL BE PRESENT AT THE FINAL INSPECTION TO DEMONSTRATE THE SYSTEM AND PROVE ITS PERFORMANCE PRIOR TO THE INSPECTION. ALL WORK SHALL HAVE BEEN COMPLETED, TESTED, ADJUSTED, AND PLACED IN OPERATION.

6. WORK MUST BE GUARANTEED FOR TWO YEARS.

7. IRRIGATION SYSTEM INSTALLATION TO BE PERFORMED IN ACCORDANCE WITH ALL PERTINENT CODES AND ORDINANCES.

8. NO PVC PIPING SHALL BE LOCATED UNDER TREE ROOTBALLS.

9. THE CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION. IF ANY UNDERGROUND OR ABOVE GROUND CONSTRUCTION IS LOCATED AS TO SIGNIFICANTLY HINDER INSTALLATION OR FUNCTION OF THE IRRIGATION SYSTEM, THE OWNER SHALL BE NOTIFIED IMMEDIATELY.

10. MAIN LINE PIPING AND LATERAL PIPING MAY BE PLACED IN SAME TRENCH WHEN POSSIBLE. MAIN LINE PIPING SHALL BE INSTALLED IN BOTTOM OF TRENCH WITH LATERALS ON TOP.

11. SLEEVES SHALL BE INSTALLED WHEREVER PIPES RUN UNDER PAVEMENT. SLEEVES SHALL BE SCH 40 AND A MINIMUM OF TWO PIPE SIZES LARGER THAN THE PIPE.

12. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ELECTRICAL POWER TO ALL CONTROLLERS.

13. PRIOR TO BEGINNING OF WORK, CONTRACTOR SHALL VERIFY MINIMUM STATIC PRESSURE AT THE POINT OF CONNECTION OF <<70>> PSI. IF THE STATIC PRESSURE IS LESS THAN <<70>> PSI AT THE POINT OF CONNECTION, STOP WORK, NOTIFY ENGINEER AND DO NOT PROCEED UNTIL INSTRUCTED BY ENGINEER.

14. ATTACH A PREPRINTED, HEAVY DUTY PLASTIC SERIALIZED TAG TO EACH CONTROL VALVE WITH ITS ASSOCIATED CONTROLLER STATION NUMBER. TAGS SHOULD BE AS SUPPLIED BY RAINBIRD OR APPROVED EQUAL.

15. THE PIPE SHOWN IN PAVED AREAS WITHOUT SLEEVES IS SHOWN IN THESE AREAS FOR PURPOSE OF DRAWING CLARITY. PIPE TO BE IN NEAREST UNPAVED LOCATION.

16. THE IRRIGATION CONTROLLER(S) SHALL BE EQUIPPED WITH RAIN/FREEZE SENSOR(S). MOUNT THE TRANSMITTER(S) IN AN OPEN AREA AS DIRECTED BY THE OWNER.

17. ALL BACKFLOW INSTALLATIONS AND CONNECTIONS TO CITY WATER LINES MUST BE PERMITTED SEPARATELY BY THE CITY INSPECTION STAFF.

18. THE IRRIGATION SYSTEM SHALL BE MAINTAINED IN ITS PROPER WORKING ORDER DURING THE 2 YEAR MAINTENANCE PERIOD.

19. ALL WIRING SHALL BE RATED FOR DIRECT BURIAL.

INSPECTION NOTES:

1. HEADS SHALL NOT SPRAY ON IMPERVIOUS SURFACES.

2. HEADS SHALL NOT SPRAY ON WALLS OR FENCES.

3. HEADS SHALL NOT BE CLOSER THAN 4 INCHES OF THE EDGE OF HARDSCAPE.

4. NO DRINKING DOMESTIC USES ALLOWED ON IRRIGATION LINES, NO SWIMMING POOL USE OR FOUNTAINS.

5. CONTRACTOR SHALL COMPLY WITH ALL INSPECTION REQUIREMENTS OF THE MUNICIPALITY.

6. FOR FINAL INSPECTION, IRRIGATOR'S REPRESENTATIVE MUST BE PRESENT.

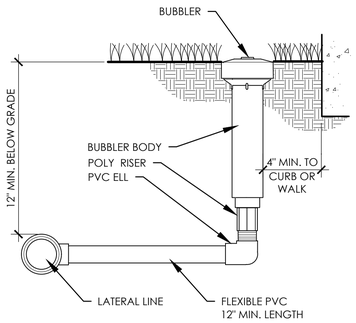
NETAFIM NOTES:

1. AIR RELIEF VALVE TO BE PLACED AT HIGH POINT IN BED.

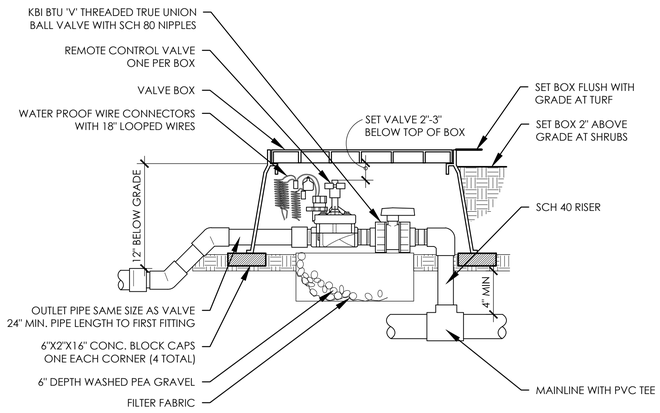
2. FLUSH VALVE TO BE PLACED AT LOW POINT IN BED ON EXHAUST LINE.

3. THESE LAYOUTS ARE TYPICAL AND ARE SUBJECT TO CHANGE DUE TO SITE CONDITIONS SUCH AS GRADING.

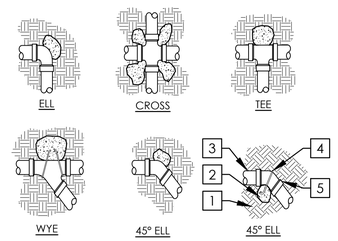
4. IRRIGATION LATERAL LINES FEED SUPPLY HEADERS.



A **POP UP BUBBLER** SCALE: NTS



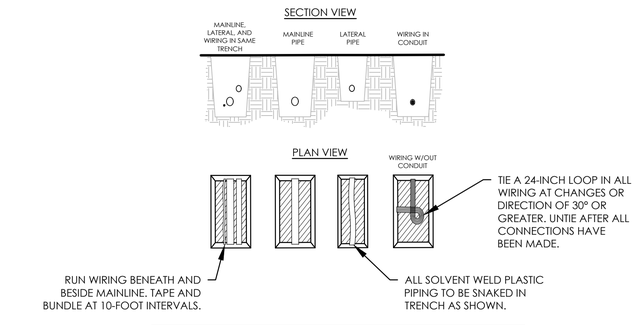
B **REMOTE CONTROL/MASTER VALVE** SCALE: NTS



NOTES:
1. SUPPLY LINES 2-1/2" IN DIAMETER OR LARGER SHALL RECEIVE CONCRETE THRUST BLOCKS.
2. SIZE THRUST BLOCKS ACCORDING TO PIPE SIZE, LINE PRESSURE, FITTING TYPE, DEGREE OF BEND AND SOIL TYPE.

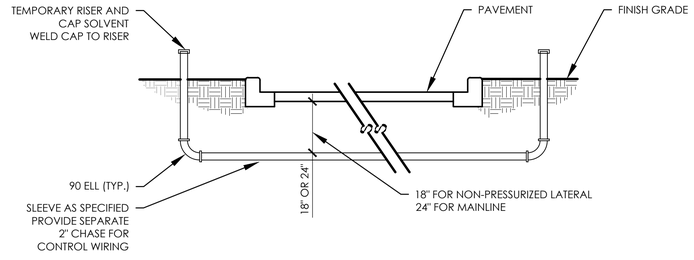
1. UNDISTURBED SOIL (TYP.)
2. CONCRETE THRUST BLOCK (TYP.)
3. PIPE (TYP.)
4. REBAR BENT AROUND FITTING (TYP.)
5. FITTING (TYP.)

C **THRUST BLOCK** SCALE: NTS



NOTES:
1. SLEEVE BELOW ALL HARDSCAPE ELEMENTS WITH SCHEDULE 40 PVC PIPE, TWICE THE DIAMETER OF THE PIPE OR WIRE BUNDLE WITHIN.
2. FOR PIPE AND WIRE BURIAL DEPTHS, SEE SPECIFICATIONS.
3. CONTROLLER WIRE BURIED WITHOUT CONDUIT SHALL BE RATED FOR DIRECT BURIAL.

D **PIPE AND WIRE TRENCHING** SCALE: NTS



E **SLEEVE INSTALLATION** SCALE: NTS

REVISIONS

NO.	DATE	DESCRIPTION

IRRIGATION TREE NOTES & DETAILS

HAYS STREET BRIDGE PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG: F-1114)

STATE OF TEXAS
JANEL MOODY
20529
LICENSED IRRIGATOR
04/25/2022

JOB NO.	5835.005
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L7.05

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FILENAME: 5835.005-Irrigation Plan.dwg
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PLOTTED ON: April 25, 2022 @ 4:03:40 PM
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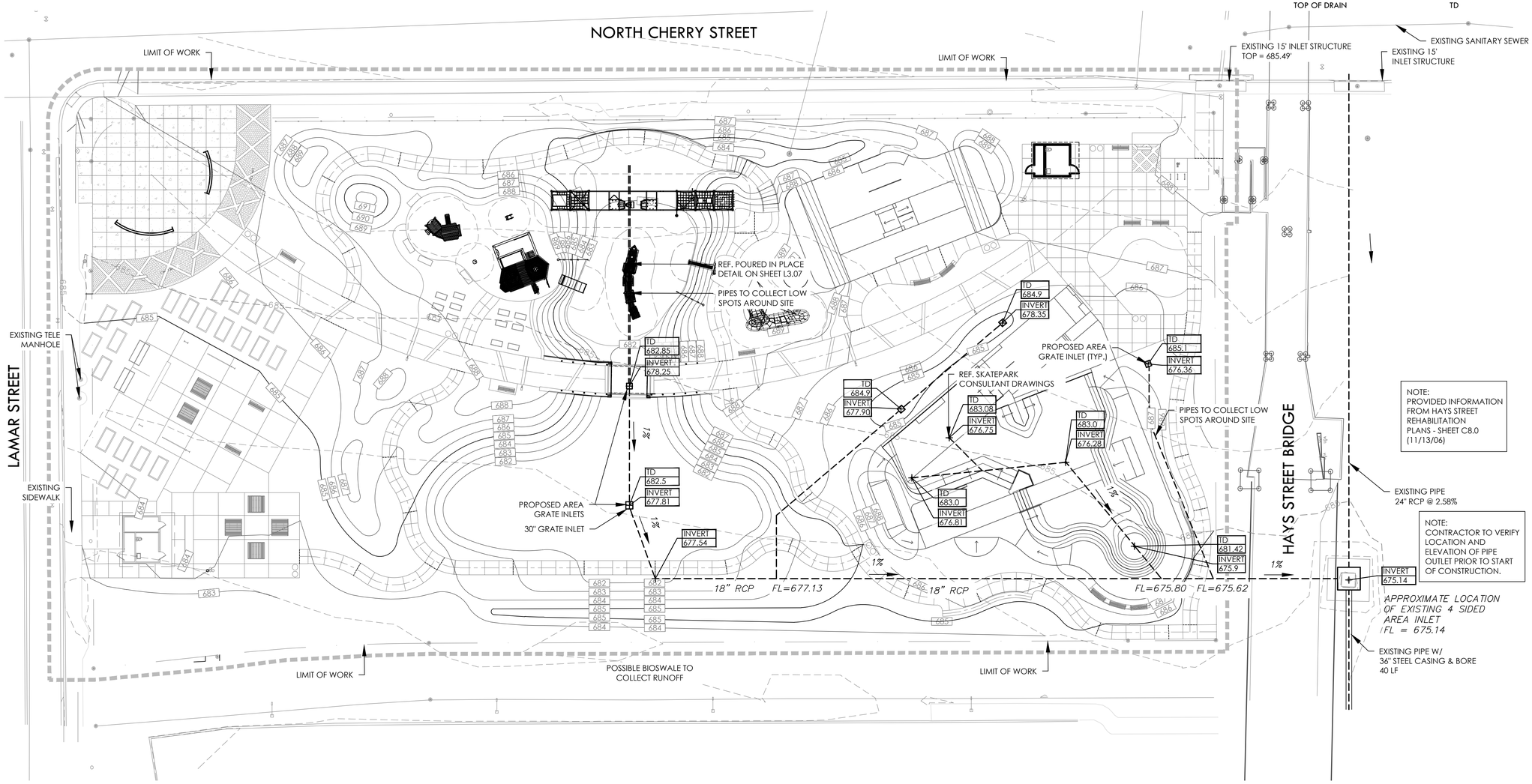

LEGEND

- PROPOSED STORMSEWER PIPE
- EXISTING CONTOUR — 537
- PROPOSED CONTOUR — XXXX
- EXISTING INLET STRUCTURE
- PROPOSED 18" GRATE INLET
- PROPOSED 30" GRATE INLET
- SUBSURFACE DRAIN
- TOP OF DRAIN — TD

NOTE

1. CONTRACTOR TO CALL 811 OR (800) 344-8377 TO LOCATE UTILITIES BEFORE ANY CONSTRUCTION.
2. THE LOCATION OF EXISTING UTILITIES AND STORM SEWER SHOWN ON THE PLANS WAS TAKEN FROM RECORD WHICH MAY NOT BE COMPLETE AND/OR ACCURATE. THEREFORE, THE PRESENCE, LOCATION, ELEVATION OF EXISTING UTILITIES AND STORM SEWER IN THE FILED SHALL BE VERIFIED BY THE CONTRACTOR BEFORE COMMENCING WORK. IT SHALL BE THE DUTY OF THE CONTRACTOR TO ASCERTAIN WHETHER ANY ADDITIONAL FACILITIES OTHER THAN THOSE SHOWN ON THE PLANS MAY BE PRESENT. FAILURE OF AN EXISTING UTILITY OR STORM SEWER TO APPEAR ON THE PLANS OR RECORDS SHALL NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO PROTECT AND REPAIR, IF THEY DAMAGE, SUCH UTILITIES AND STORM SEWER.
3. ALL PROPOSED 18 INCH STORM SEWER PIPE SHALL BE CLASS III RCP.

NORTH

GRAPHIC SCALE
0 20 40
1 inch = 20'

REVISIONS

NO.	DATE	DESCRIPTION
#	#	#
#	#	#
#	#	#
#	#	#
#	#	#

DRAINAGE PLAN

HAYS STREET
BRIDGE PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
tel: 210.267.2246
[TX REG: F-11414]

PRELIMINARY
FOR REVIEW ONLY
These documents are for Design Review and not intended for Construction, Bidding or Permit Purposes. They were prepared by, or under the supervision of:
Bryan Kye Mask
L.A.# 2369

JOB NO.	5835.005
DESIGNED BY:	JR
DRAWN BY:	MMP
CHECKED BY:	BKM
DATE:	APRIL 25, 2022
SHEET:	L8.00

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PLOTTED BY: Stanyara Martinez
PLOTTED ON: Wednesday, April 06, 2022
PLOTTED AT: 2:13:20 PM
PLOTTED WITH: ISO41-10 (PDF).pc3

GENERAL NOTES

1. THE STRUCTURAL DRAWINGS DEPICT THE STRUCTURE IN ITS FINAL CONSTRUCTED CONFIGURATION. THE GENERAL CONTRACTOR AND SUBCONSTRACTORS ARE FULLY RESPONSIBLE FOR MEANS AND METHODS USED TO CONSTRUCT THE STRUCTURE AND FOR FULL COMPLIANCE WITH ALL JOB SAFETY RELATED REGULATIONS AND CONDITIONS AT THE SITE.

2. THE GENERAL CONTRACTOR SHALL INCLUDE A STRUCTURAL CONTINGENCY IN THEIR BID TO THE OWNER FOR 5% OF THE INSTALLED COST OF THE CORE AND SHELL STRUCTURE. ANY CONTINGENCY REMAINING AFTER COMPLETION OF CONSTRUCTION SHALL BE REFUNDED TO THE OWNER. UNIT COST INCREASES RELATED TO DEEP FOUNDATION SYSTEMS SHALL BE A SEPARATE COST ITEM AS SPECIFIED IN FOUNDATION NOTES.

3. PRINCIPAL OPENINGS ARE SHOWN ON THE DRAWINGS. SEE ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR OPENINGS, SLEEVES, CURBS, INSERTS, DEPRESSIONS, ETC., NOT SHOWN.

4. ALL DETAILS ARE TYPICAL UNLESS NOTED OTHERWISE. DETAILS SHALL APPLY TO ALL SIMILAR AND LIKE CONDITIONS.

5. THE GENERAL CONTRACTOR SHALL SUBMIT ELECTRONIC SHOP DRAWINGS TO THE ENGINEER FOR REVIEW OF THE FOLLOWING ITEMS. SEE SPECIFICATIONS WHERE APPLICABLE FOR FURTHER REQUIREMENTS:

   CONCRETE MIX DESIGNS FOR EACH CLASS OF CONCRETE INCLUDING TEST DATA
   CONCRETE ACCESSORIES (WATER VAPOR BARRIER, REINFORCING SUPPORT CHAIRS, ETC.)
   CONCRETE REINFORCING
   ANCHOR BOLT AND EMBEDDED ITEMS (PLATES, ANGLES, BOLTS, ETC.)
   STRUCTURAL STEEL AND ERECTION DRAWINGS
   MISCELLANEOUS STEEL
   STEEL JOISTS
   ROOF AND FLOOR METAL DECK

6. THE GENERAL CONTRACTOR SHALL SUBMIT ELECTRONIC SHOP DRAWINGS AND CALCULATIONS SEALED BY A LICENSED ENGINEER TO THE ENGINEER OF RECORD AND LOCAL JURISDICTION FOR REVIEW OF THE FOLLOWING DEFERRED SUBMITTALS:

   STEEL JOISTS

7. THE OMISSION FROM THE SHOP DRAWINGS OF ANY MATERIALS REQUIRED BY THE CONTRACT DOCUMENTS TO BE FURNISHED SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF FURNISHING AND INSTALLING SUCH MATERIALS, REGARDLESS OF WHETHER THE SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED.

8. ALL SHOP DRAWINGS MUST BE REVIEWED AND APPROVED BY THE GENERAL CONTRACTOR PRIOR TO THE SUBMITTAL TO THE ENGINEER. THE USE OF ELECTRONIC FILES OR REPRODUCTIONS OF THESE CONTRACT DOCUMENTS BY ANY CONTRACTOR, SUBCONTRACTOR, ERECTOR, FABRICATOR, OR MATERIAL SUPPLIER IN LIEU OF PREPARATION OF SHOP DRAWINGS SIGNIFIES THEIR ACCEPTANCE OF ALL INFORMATION SHOWN HEREON AS CORRECT, AND OBLIGATES THEMSELVES TO ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO ANY ERRORS OR OMISSIONS THAT MAY OCCUR HEREON.

9. GRADE SUPPORTED SLAB:

   THE CONTRACTOR IS CAUTIONED AGAINST LOADING THE SLAB ON GRADE WITH CRANES, CONCRETE TRUCKS AND ALL OTHER HEAVILY LOADED VEHICLES DURING CONSTRUCTION. THE SLAB HAS NOT BEEN DESIGNED FOR CRANE LOADS AND MAY REQUIRE AN INCREASE IN THE SLAB THICKNESS AND/OR REINFORCEMENT. IF A HEAVY VEHICLE IS TO BE UTILIZED ON THE SLAB, THE CONTRACTOR IS REQUIRED TO SUBMIT CALCULATIONS SIGNED AND SEALED BY A LICENSED ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED VERIFYING THE ADEQUACY OF THE SLAB AND SUBGRADE.

   THE GROUND FLOOR SLAB IS A GRADE SUPPORTED SLAB FOLLOWING THE DESIGN RECOMMENDATIONS SHOWN IN THE GEOTECHNICAL REPORT FOR A PVR OF 2 INCH. IT IS NOT STRUCTURALLY ISOLATED FROM THE SUBGRADE AND HAS NOT BEEN DESIGNED TO RESIST ANY EXTERNAL UPWARD OR DOWNWARD LOADS. IT IS INTENDED TO BE ENTIRELY SUPPORTED BY THE PREPARED SUBGRADE BELOW THE SLAB.

BUILDING CODE	
BUILDING CODE	INTERNATIONAL BUILDING CODE 2018
RISK CATEGORY	II

LIVE LOADS	
STAIRS AND EXITS	100 PSF OR 300 LB CONCENTRATED LOAD AT TREAD MIDSPAN
ROOF LIVE LOAD	20 PSF

WIND LOAD CRITERIA	
ULTIMATE WIND SPEED	108 MPH
NOMINAL WIND SPEED	83.7 MPH
IMPORTANCE FACTOR, Iw	1
EXPOSURE CATEGORY	C
ENCLOSURE CLASSIFICATION	OPEN BUILDING
INTERNAL PRESSURE COEFFICIENT, Gcpi	+/- 0
MEAN ROOF HEIGHT	13 FT

*WIND LOADS SHOWN ARE ULTIMATE LOADS WITHOUT LOAD FACTORS FROM RELEVANT IBC LOAD COMBINATIONS. A DEAD LOAD OF 5 PSF MAY BE USED IN THE CALCULATION OF NET UPLIFT FOR THE JOISTS AND DECK.

LINEAR INTERPOLATION IS ALLOWED FOR EFFECTIVE AREAS BETWEEN THOSE PROVIDED.

SEISMIC LOAD CRITERIA	
IMPORTANCE FACTOR, Ie	1
0.2 SEC SPECTRAL ACCELERATION, Ss	0.051
1.0 SEC SPECTRAL ACCELERATION, S1	0.023
SPECTRAL RESPONSE COEFFICIENT, Sds	0.0544
SPECTRAL RESPONSE COEFFICIENT, Sd1	0.0368
SITE CLASS CATEGORY	D
SEISMIC DESIGN CATEGORY	A
SEISMIC FORCE RESISTING SYSTEM	STRUCTURAL STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE
DESIGN BASE SHEAR, V	0.5 K
SEISMIC RESPONSE COEFFICIENT, Cs	0.01
RESPONSE MODIFICATION FACTOR, R	3
ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE PROCEDURE

SPREAD FOOTING DESIGN CRITERIA	
SPREAD FOOTING DESIGN CRITERIA	
BEARING CAPACITY	2000 PSF
BEARING ELEVATION	-2' - 0"
SOIL REQUIREMENTS	5 FEET OF SELECT FILL

EARTHWORK AND FOUNDATIONS

1. FOUNDATION DETAILING SHOWN ON THE DRAWINGS IS BASED ON A FOUNDATION DESIGN SPECIFIED IN THE SOIL REPORT BY ARIAS, REPORT NO. 2020-1063, DATED FEBRUARY 24, 2022. THE CONTRACTOR IS REQUIRED TO SECURE A COPY OF THE GEOTECHNICAL REPORT FROM THE OWNER AND TO HAVE A COPY ON THE JOB SITE AT ALL TIMES FOR THEIR USE AND REFERENCE.

2. GRADE THE SITE TO PROVIDE POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS AND SLABS. WATER SHALL NOT BE ALLOWED TO POND ADJACENT TO THE BUILDING FOUNDATIONS OR SLABS. DOWNSPOUTS FROM ROOF DRAINS AND GUTTERS SHALL BE COLLECTED AND PIPED AWAY FROM THE BUILDING.

3. SITE PREPARATION FOR THE BUILDING PAD SHALL CONSIST OF THE REMOVAL OF EXISTING PAVEMENT, VEGETATION, ORGANIC MATTER AND ANY ADDITIONAL MATERIAL AS NECESSARY TO PROVIDE THE REQUIRED AMOUNT OF FILL UNDER THE BUILDING AND EXTENDING OUT A MINIMUM OF 3'-0" BEYOND THE PERIMETER OF THE BUILDING.

4. THE EXPOSED SUBGRADE SHALL BE PROOFROLLED, SCARIFIED, MOISTURE CONDITIONED AND RECOMPACTED PER THE GEOTECHNICAL REPORT REQUIREMENTS. PROVIDE FIELD DENSITY TESTS ON THE SUBGRADE TO CONFORM WITH THE GEOTECHNICAL REPORT REQUIREMENTS.

5. SELECT FILL MATERIAL FOR THE BUILDING PAD SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT REQUIREMENTS. ON-SITE OR ALTERNATE FILL MATERIAL MAY BE SUITABLE FOR USE UNDER THE BUILDING PAD WITH APPROVAL BY THE GEOTECHNICAL ENGINEER. SELECT FILL SHALL BE MOISTURE CONDITIONED AND COMPACTED PER THE GEOTECHNICAL REPORT REQUIREMENTS. PROVIDE FIELD DENSITY AND ATTERBERG TESTS ON THE SELECT FILL TO CONFORM WITH THE GEOTECHNICAL REPORT REQUIREMENTS.

6. FOUNDATION DETAILING SHOWN ON THE DRAWINGS IS BASED ON THE GEOTECHNICAL RECOMMENDATIONS FOR SELECT FILL TO ACHIEVE THE DESIRED PVR BENEATH THE FLOOR SLAB AND FOOTINGS AND EXTENDING 3'-0" BEYOND THE BUILDING PERIMETER. PROVIDE ADDITIONAL SELECT FILL MATERIAL AS REQUIRED TO BRING THE SLAB UP TO THE FINISH FLOOR ELEVATION SHOWN IN THE CONSTRUCTION DOCUMENTS.

7. IF THE BUILDING PAD HAS BEEN INSTALLED FOR MORE THAN TWO MONTHS PRIOR TO THE PLACEMENT OF THE VAPOR BARRIER, PROVIDE FIELD MOISTURE TESTS FOR THE FULL DEPTH OF THE PAD 96 HOURS PRIOR TO PLACEMENT OF THE WATER VAPOR BARRIER TO ENSURE THAT THE FILL MOISTURE CONTENT HAS BEEN MAINTAINED PRIOR TO CONCRETE PLACEMENT. MOISTURE CONTENTS SHALL BE TAKEN AT 12 INCH VERTICAL INTERVALS WITH A MINIMUM OF TWO TESTS PER BORING AT A RATE OF ONE (1)BORING FOR EVERY 2,500 SQUARE FEET OF PAD WITH A MAXIMUM OF TEN (10). THE MOISTURE CONTENT AND COMPACTION SHALL CONFORM TO THE REFERENCED GEOTECHNICAL REPORT.

8. CONTRACTOR SHALL MAINTAIN A CLEAN EXCAVATION THAT IS FREE OF PONDING WATER 100% OF THE TIME. CONTRACTOR SHALL PROVIDE PUMPS AS REQUIRED TO REMOVE ANY WATER AT ALL TIMES.

9. THE SITE SHALL BE GRADED TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING PAD DURING BUILDING PAD INSTALLATION AND WHEN THE BUILDING PAD AND BUILDING ARE COMPLETED.

10. THE BUILDING SITE MAY HAVE SOME BURIED EXISTING FOUNDATIONS AND UTILITIES. IF EXISTING FOUNDATIONS OR UTILITIES ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY. SEAL ANY UTILITY LINES DISCOVERED WITH LEAN CONCRETE.

11. ALL FOOTINGS SHALL BE CONSOLIDATED WITH A CONCRETE VIBRATOR AS PER THE REQUIREMENTS OF ACI 318 AND ACI 308R, LATEST EDITION.

12. FOOTINGS SHALL BE POURED IMMEDIATELY UPON COMPLETION OF EXCAVATION AND CLEANING OF FOOTING BEARING SURFACE. ALL SPOILS FROM THE FOOTING EXCAVATIONS SHALL BE REMOVED FROM THE BUILDING PAD.

13. ALL BACKFILL FOR BURIED PIPES AND CONDUIT WITHIN THE BUILDING PAD AND EXTENDING OUT A MINIMUM OF 5'-0" BEYOND THE BUILDING SHALL BE BACKFILLED WITH SELECT FILL BACKFILL. DO NOT USE SAND BACKFILL. A 1'-0" WIDE BENTONITE PLUG SHALL BE PROVIDED IN ALL UTILITY TRENCHES AT THE FACE OF THE BUILDING FOUNDATION. SEE TYPICAL FOUNDATION DETAILS FOR DETAIL AT PIPE BUILDING ENTRY.

14. PLUMBING AND UTILITY TRENCHES WITHIN THE BUILDING PAD SHALL HAVE PIPING BEDDED ON 6" MINIMUM OF DRY CEMENT STABILIZED SAND WITH 4" MINIMUM ALL AROUND. BACKFILL IN UTILITY TRENCHES SHALL CONSIST OF COMPACTED SELECT FILL. PROVIDE A 1'-0" WIDE BENTONITE PLUG FOR THE FULL DEPTH AND WIDTH OF THE UTILITY TRENCH TO A MINIMUM OF 1'-0" ABOVE THE BOTTOM OF THE FOUNDATION AT THE EXTERIOR FACE OF BUILDING FOUNDATIONS WHERE UTILITY TRENCHES ENTER THE BUILDING.

15. PROVIDE A MINIMUM SIX (24) INCH CLAY CAP FOR A MINIMUM OF 5'-0" AROUND THE PERIMETER OF THE BUILDING. THE CAP SHALL EXTEND AS REQUIRED TO COVER THE LIMITS OF THE EXCAVATION AND SELECT FILL BUILDING PAD MATERIALS.

16. CONDUITS SHALL NOT BE PLACED IN THE CONCRETE SLAB. CONDUITS SHALL BE PLACED IN THE SELECT FILL MATERIAL BENEATH THE VAPOR BARRIER. ALL PENETRATIONS OF THE VAPOR BARRIER SHALL BE SEALED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS.

17. PREPARED GRADE AREA UNDER ALL BUILDING SLABS AND GRADE BEAMS SHALL BE COVERED WITH A 15 MIL WATER VAPOR BARRIER MEETING THE REQUIREMENTS OF ASTM E 1745 (LATEST EDITION). CLASS A OR BETTER WITH MAXIMUM WATER PERMEANCE OF 0.01 PERMS WHEN TESTED IN ACCORDANCE WITH ASTM E96. THE WATER VAPOR BARRIER SHALL BE INSTALLED, LAPPED AND TAPED WITH MANUFACTURER'S APPROVED PRODUCT IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM E 1643 (LATEST EDITION). PENETRATIONS SHALL BE SEALED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS.

18. BACKFILL DIRECTLY IN CONTACT WITH BUILDING OR RETAINING WALL EXTENDING BACK A MINIMUM OF 2'-0" SHALL CONSIST OF CLEAN GRANULAR FREE-DRAINING FILL. GRANULAR FREE-DRAINING FILL SHOULD BE CLEAN, COURSE-GRAINED MATERIAL WITH SIZES RANGING FROM 1/4" TO 1/2" AND NO MORE THAN 5% PASSING THE NO. 200 SIEVE. ACCEPTABLE BACKFILL WOULD BE CRUSHED MATERIAL WITH A GRADATION IN GENERAL CONFORMANCE WITH ASTM C33, NO. 67 AGGREGATE. FREE-DRAINING BACKFILL SHALL BE PLACED IN 6" LOOSE LIFTS AND COMPACTED WITH A MINIMUM OF FOUR COMPLETE OVERLAPPING PASSES WITH A VIBRATORY PLATE COMPACTOR. BACKFILL LIMITS SHALL EXTEND OUTWARD 2'-0" FROM BACK OF RETAINING WALL THEN UPWARD AT 1.5H:2V SLOPE.

   THE BACKFILL SHALL STOP 1'-0" BELOW FINISH GRADE AT NON-PAVED AREAS. THE TOP 1'-0" SHALL BE BACKFILLED WITH CLAYEY SOIL HAVING A UNIFIED CLASSIFICATION OF CH OR CL. THE CLAYEY SOIL SHALL BE PLACED IN SIX TO NINE INCH LOOSE LIFTS AND COMPACTED TO 90 TO 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 698 STANDARD PROCTOR. COMPACTION WITHIN TEN FEET OF THE RETAINING WALLS SHALL BE ACHIEVED WITH HAND COMPACTION.

   FILL MATERIALS SHOULD NOT BE PLACED ON SOILS THAT HAVE BEEN RECENTLY SUBJECTED TO PRECIPITATION OR SATURATION. ALL WET SOILS SHOULD BE REMOVED OR ALLOWED TO DRY PRIOR TO CONTINUATION OF FILL PLACEMENT OPERATIONS. IMPORTED FILL MATERIALS SHOULD NOT CONTAIN WET MATERIALS AT THE TIME OF PLACEMENT.

CONCRETE

1. ALL CONCRETE REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60, EXCEPT WHERE NOTED. DEFORMED BAR ANCHORS SHALL CONFORM TO ASTM A1064, GR 70, ALL WELDED WIRE FABRIC SHALL BE SMOOTH ROUND WIRE IN FLAT SHEETS (NOT ROLLED) AND CONFORM TO ASTM A1064.

2. CONCRETE PERTAINING TO THE FOLLOWING ITEMS SHALL HAVE SAND AND CRUSHED CARBONATE AGGREGATE CONFORMING TO ASTM C33, TYPE I/II PORTLAND CEMENT CONFORMING TO ASTM C150 AND FLY ASH CONFORMING TO ASTM C618, CLASS 'C' OR 'F' UP TO 25 PERCENT REPLACEMENT BY MASS EXCEPT WHERE NOTED OTHERWISE. CONCRETE MIX DESIGNS SHALL CONFORM TO ACI 318. REFER TO ACI 318 FOR ADDITIONAL REQUIREMENTS DUE TO FREEZING AND THAWING EXPOSURE CLASS ALONG WITH THE FOLLOWING DESIGNATED COMPRESSIVE STRENGTH (f'c) IN 28 DAYS:

CONCRETE MIX DESIGN REQUIREMENTS			
MEMBER TYPE	STRENGTH (PSI)	MAXIMUM AGGREGATE	MAXIMUM W/C RATIO
FOUNDATION			
SPREAD FOOTINGS	3500	1"	0.45
GRADE BEAMS	3500	1"	0.45
SLAB ON GRADE	3500	1"	0.45

   CONCRETE SUPPLIER SHALL BE AWARE OF CEMENTS THAT CAN CAUSE DELAYED ETTRINGITE FORMATION IN THE CEMENT PASTE AND BE PREPARED TO SHOW THAT THE CEMENTS USED WILL NOT CAUSE THIS PROBLEM.

3. CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE AS FOLLOWS; SEE ACI 318, LATEST EDITION FOR CONDITIONS NOT NOTED.

   CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH - 3"

   CONCRETE EXPOSED TO EARTH OR WEATHER:
   #6 THRU #18 BARS - 2"
   #5 BAR AND SMALLER - 1 1/2"

   CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:
   #14 & #18 BAR - 1 1/2"
   #11 BAR AND SMALLER - 3/4"

4. PROVIDE CHAIR SUPPORTS (AZTEC EZ CHAIR, WHC SERIES 'B' OR EQUAL) TO ADEQUATELY SUPPORT BARS FOR PROPER CLEARANCE AS RECOMMENDED BY THE AMERICAN CONCRETE INSTITUTE AND THE CONCRETE REINFORCING STEEL INSTITUTE. SLAB ON GRADE REINFORCEMENT SHALL BE SUPPORTED AT 45-INCH MAXIMUM INTERVALS OR EVERY THIRD BAR.

5. NO HORIZONTAL JOINTS WILL BE PERMITTED IN CONCRETE EXCEPT WHERE THEY NORMALLY OCCUR OR WHERE NOTED. VERTICAL JOINTS SHALL ONLY OCCUR AT LOCATIONS APPROVED BY DUNAWAY STRUCTURAL ENGINEER.

6. DETAILING OF CONCRETE REINFORCEMENT AND ACCESSORIES SHALL BE IN ACCORDANCE WITH ACI PUBLICATION 315, LATEST EDITION. ALL HOOKED BARS SHOWN IN DETAILS SHALL HAVE STANDARD HOOKS UNLESS NOTED OTHERWISE.

7. REINFORCING BARS SHALL NOT BE WELDED WITHOUT APPROVAL OF DUNAWAY STRUCTURAL ENGINEER.

8. ALL GRADE SUPPORTED BEAM CONTINUOUS REINFORCEMENT SHALL BE SPLICED WITH A CLASS 'B' TENSION SPLICE, UNLESS NOTED OTHERWISE. PROVIDE TOP AND BOTTOM BARS (TWO 36" LEGS MINIMUM WITH 90 DEGREE BEND) TO MATCH SIZE AND SPACING OF CONTINUOUS REINFORCING AT CORNERS AND INTERSECTIONS, AND AT 18" ON CENTER VERTICALLY AT WALLS.

9. ALL MIXING, TRANSPORTING, PLACING AND CURING OF CONCRETE SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE AMERICAN CONCRETE INSTITUTE, ACI 301, LATEST EDITION.

10. ALL BASE PLATES AND ANCHOR RODS SHALL BE PROTECTED WITH 3" (MIN.) OF CONCRETE. ANCHOR RODS SHALL BE FABRICATED FROM FULL BODIED STEEL RODS CONFORMING TO ASTM F1554, GRADE 36, WASHERS CONFORMING TO ASTM F436 AND NUTS CONFORMING TO ASTM A194 OR A563 AND HAVING THE SAME DIAMETER AS THE BOLT DIAMETER AND USING CUT THREADS. ROLLED THREADS ARE NOT ACCEPTABLE. BOLTS SHALL BE SET USING RIGID TEMPLATES.

11. PROVIDE 2-#5x6'-0" AT RE-ENTRANT CORNERS OF SLAB ON GRADE.

12. ALL DOWELS, ANCHOR BOLTS, EMBEDDED STEEL, ELECTRICAL CONDUITS, PIPE SLEEVES, PIPING, WATERSTOPS, INSERTS, GROUNDS, AND ALL OTHER EMBEDDED ITEMS AND FORMED DETAILS SHALL BE IN PLACE BEFORE START OF CONCRETE PLACEMENT. FOR EMBEDDED ITEMS AND REQUIRED DETAILS, SEE MECHANICAL, ELECTRICAL, AND ARCHITECTURAL DRAWINGS. VERIFY SIZE AND LOCATIONS OF ALL OPENINGS.

STRUCTURAL STEEL

1. A NON-SHRINK GROUT SHALL BE USED UNDER ALL STEEL COLUMN BASE PLATES. GROUT SHALL CONFORM TO ASTM C1107 AND THE CORPS OF ENGINEERS SPECIFICATION CRD-C-621. GROUT SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 6000 PSI. 100 PERCENT OF VOID UNDER ALL BASE PLATES IS TO BE GROUTED. ALL BASE PLATES WITH A DIMENSION GREATER THAN 24" SHALL HAVE TWO 1" DIAMETER GROUT HOLES. IF THE SPACE UNDER A COLUMN BASE PLATE IS LESS THAN 1/4", A PRESSURE INJECTION SYSTEM SHALL BE USED.

2. ALL STRUCTURAL STEEL DESIGN, DETAILING, FABRICATION AND ERECTION SHALL CONFORM TO LOAD AND RESISTANCE FACTOR DESIGN (LRFD) ACCORDING TO THE LATEST EDITION AISC SPECIFICATION.

3. ALL WELDING SHALL CONFORM TO THE STANDARDS OF THE LATEST EDITION OF THE MANUAL OF STEEL CONSTRUCTION OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, AND THE AMERICAN WELDING SOCIETY ANSI/AWS D1.1 STRUCTURAL WELDING CODE-STEEL. WELDING OF REINFORCING BARS SHALL COMPLY TO THE AMERICAN WELDING SOCIETY AWS D1.4. SHORT CIRCUIT TRANSFER FOR THE GAS METAL ARC WELDING PROCESS IS NOT PERMITTED.

4. ELECTRODES FOR ALL FIELD AND SHOP WELDING SHALL BE CLASS E70XX.

5. ALL STRUCTURAL STEEL ROLLED W-SHAPES SHALL CONFORM TO ASTM A992, AND ALL ANGLES, BARS, CHANNELS AND PLATES SHALL CONFORM TO ASTM A36. ALL SQUARE AND RECTANGULAR HSS (Fy 50 KSI) AND ROUND HSS (Fy 46KSI) SHALL CONFORM TO ASTM A500 GRADE C. ROUND PIPES (Fy 35KSI) SHALL CONFORM TO ASTM A53 GR B.

6. ALL STRUCTURAL STEEL DETAILS AND CONNECTIONS SHALL CONFORM TO STANDARDS OF THE AISC. DOUBLE CONNECTIONS THROUGH COLUMN WEBS AND BEAMS THAT FRAME OVER THE TOP OF COLUMNS SHALL HAVE A BEAM ERECTION SEAT OR A STAGGERED CONNECTION WITH AT LEAST ONE INSTALLED BOLT REMAINING IN PLACE TO SUPPORT THE FIRST BEAM WHILE THE SECOND BEAM IS BEING ERECTED.

STRUCTURAL STEEL

7. LRFD BEAM REACTIONS USED ARE SHOWN ON PLAN. SIMPLE SHEAR CONNECTIONS SHALL BE SELECTED FROM THE TABLES IN PART 10 OF THE LATEST EDITION OF THE MANUAL OF STEEL CONSTRUCTION OF THE AISC FOLLOWING LRFD DESIGN. TABLE 10—1 MAY BE USED FOR ALL-BOLTED DOUBLE ANGLE CONNECTIONS. TABLE 10-2 MAY BE USED FOR WELDED/BOLTED DOUBLE ANGLE CONNECTIONS. TABLE 10-3 MAY BE USED FOR ALL-WELDED DOUBLE ANGLE CONNECTIONS. TABLE 10-10a MAY BE USED FOR SINGLE-PLATE CONNECTIONS.
   IF NO REACTION IS INDICATED, CONNECTIONS SHALL BE DESIGNED FOR ONE-HALF THE TOTAL ALLOWABLE UNIFORM LOAD GIVEN IN TABLE 3-6 THROUGH 3-9 IN PART 3 OF THE MANUAL OF STEEL CONSTRUCTION OF THE AISC. CONNECTIONS FOR COMPOSITE BEAMS SHALL HAVE THE STANDARD AISC CAPACITY INCREASED BY 35 PERCENT.

8. ALL MISCELLANEOUS WELDS (FIELD OR SHOP) SHALL BE MINIMUM SIZE FILLET ALL AROUND IN ACCORDANCE WITH AISC. WELDING OF CONTINUOUS MEMBERS SHALL BE A MINIMUM OF 2 INCHES OF 3/16 INCH FILLET STITCH WELDS AT 12 INCHES O.C., STAGGERED EACH SIDE. UNLESS NOTED OTHERWISE. COLUMN BASE PLATES, CAP PLATES AND STIFFENER PLATES SHALL BE WELDED ALL AROUND.

9. PROVIDE ALL NECESSARY HOLES IN MISCELLANEOUS STRUCTURAL STEEL MEMBERS FOR ATTACHMENT OF NON-STRUCTURAL ITEMS (IE: WINDOW HEAD ANCHORS, CAST STONE ATTACHMENT, ETC), SEE ARCHITECTURAL DRAWINGS FOR REQUIREMENTS.

10. SPLICING OF STRUCTURAL STEEL MEMBERS WHERE NOT DETAILED IS PROHIBITED WITHOUT PRIOR APPROVAL OF THE DUNAWAY STRUCTURAL ENGINEER.

11. ALL CONNECTION BOLTS FOR STRUCTURAL STEEL MEMBERS SHALL CONFORM TO ASTM A325 EXCEPT WHERE NOTED OTHERWISE. MINIMUM SIZE SHALL BE 3/4 INCH DIAMETER UNLESS NOTED OTHERWISE. BOLTS SHALL BE TWIST OFF TYPE TENSION CONTROLLED BOLTS CONFORMING TO ASTM F1852 WITH HARDENED WASHERS UNDER THE NUT. HEX HEAD NUTS SHALL CONFORM TO ASTM A563 AND WASHERS SHALL CONFORM TO ASTM F436.

12. SHOP BOLTED CONNECTIONS ARE PERMISSIBLE IF SUFFICIENT BOLT CLEARANCE IS AVAILABLE FOR TIGHTENING OF HIGH STRENGTH BOLTS. CLEARANCES SHALL BE IN ACCORDANCE WITH TABLE 7-16 AND 7-17 OF THE LATEST EDITION OF THE MANUAL OF STEEL CONSTRUCTION OF THE AISC. ALL STEEL MEMBERS AND ASSEMBLIES SHALL BE SHOP FABRICATED TO THE GREATEST EXTENT POSSIBLE. TRUSSES SHALL BE PREASSEMBLED, AND FIELD SPLICES FOR SHIPPING SHALL BE APPROVED BY THE ENGINEER OF RECORD. THE STEEL FABRICATOR AND THE STEEL ERECTOR SHALL COORDINATE THE SHOP FABRICATION, SHIPPING AND ERECTION OF ALL STRUCTURAL MEMBERS AND ASSEMBLIES.

13. ALL OPEN-WEB STEEL JOISTS AND BRIDGING SHALL CONFORM TO THE STEEL JOIST INSTITUTE SPECIFICATIONS FOR THE JOIST TYPES INDICATED. JOISTS SHALL BE CAMBERED IN ACCORDANCE WITH THE STEEL JOIST INSTITUTE SPECIFICATIONS. JOIST SUPPLIER SHALL ADJUST CAMBERS AT JOISTS ADJACENT TO EACH OTHER WITH VARYING LENGTHS AND AT JOISTS ADJACENT TO STEEL BEAM LINES OF SET ELEVATION SO THAT ELEVATIONS PRIOR TO ERECTION OF DECK DO NOT VARY BY MORE THAN 1" FOR ADJACENT MEMBERS. JOISTS ENDS SHALL BE STAGGERED FOR NARROW BEAMS TO ACHIEVE THE MINIMUM BEARING AS SPECIFIED BY JOIST SUPPLIER. STEEL FABRICATOR SHALL PROVIDE JUMPER PLATE AND STIFFENER PLATE TO MATCH BEAM FLANGE THICKNESS AND WELDED TO BEAM FLANGE AS REQUIRED AT SKEWED JOIST LOCATIONS TO PROVIDE MINIMUM JOIST BEARING REQUIREMENTS. JOISTS REQUIRING REPAIR OR MODIFICATION DUE TO FABRICATION ERROR OR DAMAGE DURING SHIPPING SHALL BE REPLACED WITH NEW JOISTS.

14. FINAL JOIST SEAT DEPTH IS DETERMINED BY THE JOIST ENGINEER AND SUBMITTED TO THE DUNAWAY STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO FABRICATION OF THE JOISTS AND STEEL BEAMS. THE JOIST ENGINEER SHALL VERIFY THAT LARGER JOIST SEAT DEPTHS, THAN WHAT ARE SHOWN ON THE DRAWINGS, ARE NOT REQUIRED FOR FABRICATION OR BEARING CONDITIONS, INCLUDING TOP CHORD EXTENSIONS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE JOIST SEAT DEPTHS WITH THE STEEL FABRICATOR.

15. JOIST BRIDGING SHALL BE PROVIDED AND INSTALLED PER SJI SPECIFICATIONS PRIOR TO THE SLACKENING OF HOISTING LINES.

16. JOISTS SPANNING FORTY (40) FEET AND GREATER OR REQUIRING BRIDGING PER SJI SHALL HAVE AT LEAST ONE END FIELD BOLTED TO THE SUPPORT STRUCTURE BEFORE HOISTING CABLES ARE RELEASED. JOISTS SPANNING OVER SIXTY (60) FEET OR AS REQUIRED PER SJI SHALL HAVE BOTH ENDS FIELD BOLTED TO THE SUPPORT STRUCTURE. FINAL ATTACHMENT SHALL BE IN PLACE AND BRIDGING INSTALLED PER THE REQUIREMENTS OF OSHA CONSTRUCTION SAFETY AND HEALTH STANDARDS, SUBPART R, 29 CFR 1926 BEFORE HOISTING CABLES ARE RELEASED. FINAL ATTACHMENT OF ALL JOISTS TO THE SUPPORT STRUCTURE SHALL BE WELDED PER SJI SPECIFICATIONS.

17. EXTEND BOTTOM CHORD OF THE THREE JOISTS NEAREST EACH COLUMN WHERE BEAMS EXTEND OVER THE TOP OF COLUMNS, UNLESS SHOWN OTHERWISE.

    BOTH ENDS OF JOIST SHALL BE FIELD BOLTED TO THE SUPPORT STRUCTURE BEFORE HOISTING CABLES ARE RELEASED. PROVIDE A 6"x6" STABILIZER PLATE TO RECEIVE JOIST BOTTOM CHORD AT ALL COLUMN LOCATIONS; THE PLATE SHALL EXTEND A MINIMUM OF 3" BELOW JOIST BOTTOM CHORD. PROVIDE A 13/16" DIAMETER HOLE IN STABILIZER PLATE FOR GUYING CABLE. PROVIDE WT6x15 OFF BEAM BOTTOM FLANGE TO RECEIVE JOIST BOTTOM CHORD EXTENSION AT JOIST LOCATED ADJACENT TO COLUMN. BOTTOM CHORD EXTENSION MATERIAL SHALL BE L2x2x1/4 MINIMUM.

18. HEADED ANCHORS SHALL BE MANUFACTURED FROM COLD DRAWN WIRE CONFORMING TO ASTM A108, GR.50 WITH FLUXED ENDS. STUDS SHALL BE AUTOMATICALLY END WELDED WITH SUITABLE STUD WELDING EQUIPMENT IN ACCORDANCE WITH AWS D1.1. STUDS FOR EMBEDDED PLATES AND OTHER ANCHORS SHALL BE SHOP INSTALLED. STUDS FOR COMPOSITE BEAMS SHALL BE FIELD INSTALLED.

19. FOR STEEL BEAMS SHOWN ON THE DRAWINGS THAT DO NOT MEET THE MINIMUM SIZE REQUIRED BY THE U.L. DESIGN NUMBER, WHICH IS SELECTED BY THE ARCHITECT, THE THICKNESS OF THE SPRAYED FIRE PROTECTION MATERIAL SHALL BE INCREASED. INCREASED THICKNESS OF SPRAYED FIRE PROTECTION MATERIAL SHALL BE AS REQUIRED BY THE FORMULA SHOWN IN THE U.L. FIRE RESISTANCE DIRECTORY LATEST EDITION UNDER ADJUSTMENT OF SPRAYED PROTECTION MATERIAL THICKNESS FOR RESTRAINED BEAM RATINGS FOR VARIOUS BEAM SIZES.

20. FOR STEEL COLUMNS SHOWN ON THE DRAWINGS THAT DO NOT MEET THE MINIMUM SIZE REQUIRED BY THE U.L. DESIGN NUMBER, WHICH IS SELECTED BY THE ARCHITECT, THE THICKNESS OF THE SPRAYED FIRE PROTECTION MATERIAL SHALL BE INCREASED. INCREASED THICKNESS OF SPRAYED FIRE PROTECTION MATERIAL SHALL BE AS REQUIRED BY THE FORMULA SHOWN IN THE U.L. FIRE RESISTANCE DIRECTORY LATEST EDITION.

21. SOME U.L. RATINGS, WHICH ARE SELECTED BY THE ARCHITECT, REQUIRE SPECIAL MEMBER SIZES FOR THE DESIGN AND FABRICATION OF OPEN WEB STEEL JOISTS. THE JOIST MANUFACTURER S

SOILS
(TABLE 1705.6)

	VERIFICATION AND INSPECTION	INSPECTION FREQUENCY	
		CONTINUOUS	PERIODIC
1.	VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.		X
2.	VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.		X
3.	PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.		X
4.	VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	
5.	PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.		X

CONCRETE CONSTRUCTION
(TABLE 1705.3)

	VERIFICATION AND INSPECTION	INSPECTION FREQUENCY	
		CONTINUOUS	PERIODIC
1.	INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.		X
2.	REINFORCING BAR WELDING:		
a.	VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A 706		X
b.	INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"		X
c.	INSPECT ALL OTHER WELDS	X	
3.	INSPECT ANCHORS CAST IN CONCRETE		X
4.	INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.		
a.	ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	
b.	MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a.		X
5.	VERIFYING USE OF REQUIRED DESIGN MIX.		X
6.	PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	X	
7.	INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	
8.	VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.		X
9.	INSPECTION PRESTRESSED CONCRETE FOR:		
a.	APPLICATION OF PRESTRESSING FORCES.	X	
b.	GROUTING OF BONDED PRESTRESSING TENDONS.	X	
10.	INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.		X
11.	VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.		X
12.	INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.		X

OPEN-WEB STEEL JOISTS AND JOIST GIRDERS
(TABLE 1705.2.3)

	VERIFICATION AND INSPECTION	INSPECTION FREQUENCY	
		CONTINUOUS	PERIODIC
1.	INSTALLATION OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS		
a.	END CONNECTIONS - WELDING OR BOLTED		X
b.	BRIDGING - HORIZONTAL OR DIAGONAL		
	1) STANDARD BRIDGING.		X
	2) BRIDGING THAT DIFFERS FROM THE SJI SPECIFICATIONS LISTED IN SECTION 2207.1		X

STRUCTURAL STEEL CONSTRUCTION
(AISC 360)

	VERIFICATION AND INSPECTION	INSPECTION FREQUENCY	
		CONTINUOUS	PERIODIC
1.	INSPECTION TASKS PRIOR TO WELDING (TABLE N5.4-1)		
a.	WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS	X	
b.	WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE	X	
c.	MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	X	
d.	MATERIAL IDENTIFICATION (TYPE/GRADE)		X
e.	WELDER IDENTIFICATION SYSTEM		X
f.	FIT-UP GROOVE WELDS (INCLUDING JOINT GEOMETRY)		
	1) JOINT PREPARATION		X
	2) DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)		X
	3) CLEANLINESS (CONDITION OF STEEL SURFACES)		X
	4) TACKING (TACK WELD QUALITY AND LOCATION)		X
	5) BACKING TYPE AND FIT (IF APPLICABLE)		X
g.	FIT-UP of CJP GROOVE WELDS OF HSS T-, Y- AND K-JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY)		
	1) JOINT PREPARATIONS	X	
	2) DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)	X	
	3) CLEANLINESS (CONDITION OF STEEL SURFACES)	X	
	4) TACKING (TACK WELD QUALITY AND LOCATION)	X	
	5) BACKING TYPE AND FIT (IF APPLICABLE)	X	
h.	CONFIGURATION AND FINISH OF ACCESS HOLES		X
i.	FIT-UP OF FILLET WELDS		
	1) DIMENSIONS (ALIGNMENT, GAPS AT ROOT)		X
	2) CLEANLINESS (CONDITION OF STEEL SURFACES)		X
	3) TACKING (TACK WELD QUALITY AND LOCATION)		X
j.	CHECK WELDING EQUIPMENT		X
2.	INSPECTION TASKS DURING WELDING (TABLE N5.4-2)		
a.	CONTROL AND HANDLING OF WELDING CONSUMABLES		
	1) PACKAGING		X
	2) EXPOSURE CONTROL		X
b.	NO WELDING OVER CRACKED TACK WELDS		X
c.	ENVIRONMENTAL CONDITIONS		
	1) WIND SPEED WITHIN LIMITS		X
	2) PRECIPITATION AND TEMPERATURE		X
d.	WPS FOLLOWED		
	1) SETTINGS ON WELDING EQUIPMENT		X
	2) TRAVEL SPEED		X
	3) SELECTED WELDING MATERIALS		X
	4) SHIELDING GAS TYPE/FLOW RATE		X
	5) PREHEAT APPLIED		X
	6) INTERPASS TEMPERATURE MAINTAINED (MIN/MAX)		X
	7) PROPER POSITION (F,V,H,OH)		X
e.	WELDING TECHNIQUES		
	1) INTERPASS AND FINAL CLEANING		X
	2) EACH PASS WITHIN PROFILE LIMITATIONS		X
	3) EACH PASS MEETS QUALITY REQUIREMENTS		X
f.	PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS	X	

STRUCTURAL STEEL CONSTRUCTION
(AISC 360)

	VERIFICATION AND INSPECTION	INSPECTION FREQUENCY	
		CONTINUOUS	PERIODIC
3.	INSPECTION TASKS AFTER WELDING (TABLE N5.4-3)		
a.	WELDS CLEANED		X
b.	SIZE, LENGTH AND LOCATION OF WELDS	X	
c.	WELDS MEET VISUAL ACCEPTANCE CRITERIA		
	1) CRACK PROHIBITION	X	
	2) WELD/BASE-METAL FUSION	X	
	3) CRATER CROSS SECTION	X	
	4) WELD PROFILES	X	
	5) WELD SIZE	X	
	6) UNDERCUT	X	
	7) POROSITY	X	
d.	ARC STRIKES	X	
e.	K-AREA	X	
f.	BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)	X	
g.	REPAIR ACTIVITIES	X	
h.	DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	X	
i.	NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR		X
4.	INSPECTION TASKS PRIOR TO BOLTING (TABLE N5.6-1)		
a.	MANUFACTURER'S CERTIFICATION AVAILABLE FOR FASTENER MATERIALS	X	
b.	FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS		X
c.	PROPER FASTENERS SELECTED FOR JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)		X
d.	PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL		X
e.	CONNECTING ELEMENTS, INCLUDING APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS		X
f.	PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED		X
g.	PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER COMPONENTS		X
5.	INSPECTION TASKS DURING BOLTING (TABLE N5.6-2)		
a.	FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE POSITIONED AS REQUIRED		X
b.	JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO PRETENSIONING OPERATIONS		X
c.	FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING		X
d.	FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES		X
6.	INSPECTION TASKS AFTER BOLTING		
a.	DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	X	
7.	OTHER STEEL INSPECTIONS (SECTION N5.7)		
a.	VERIFICATION AND DOCUMENTATION OF DIAMETER, GRADE, TYPE AND LENGTH OF ANCHOR RODS AND OTHER EMBEDMENTS SUPPORTING STRUCTURAL STEEL	X	
b.	VERIFICATION OF THE FABRICATED STEEL OR ERECTED STEEL FRAME TO COMPLY WITH DETAILS SHOWN ON CONSTRUCTION DOCUMENTS		X

NO.	DATE	REVISIONS DESCRIPTION

GENERAL NOTES

DUNAWAY
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Hays St Bridge Pavilion
City of San Antonio

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JOB NO:	5835
DRAWN BY:	Author
DESIGNED BY:	Author
CHECKED BY:	Checker
DATE:	4/18/2022

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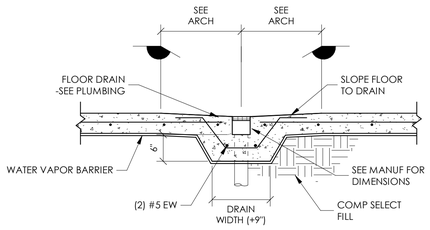
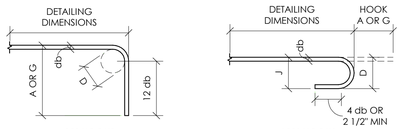


NOTE: VERIFY LOCATION WITH PLUMBING DRAWINGS

12 FLOOR DRAIN DETAIL
SCALE: 3/4" = 1'-0"



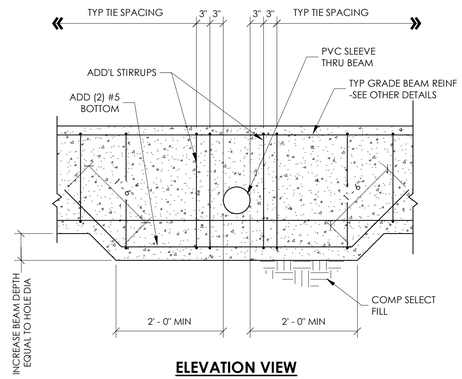
90° HOOKS **180° HOOKS**

RECOMENDED END HOOKS, ALL GRADES				
BAR SIZE	FINISHED BEND DIAMETER, D (IN)	180° HOOKS		90° HOOKS
		A OR G, (IN)	J, (IN)	A OR G, (IN)
#3	2 1/4	5	3	6
#4	3	6	4	8
#5	3 3/4	7	5	10
#6	4 1/2	8	6	12
#7	5 1/4	10	7	14
#8	6	11	8	16
#9	9 1/2	15	11 3/4	19
#10	10 3/4	17	13 1/4	22
#11	12	19	14 3/4	24
#14	18 1/4	27	21 3/4	31
#18	24	36	28 1/2	41

D= INSIDE DIAMETER OF BEND

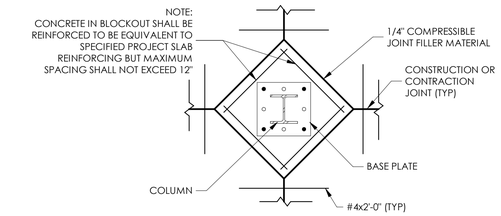
9 END HOOK SCHEDULE
SCALE: 3/4" = 1'-0"

NOTE: TYPICAL HORIZONTAL HOLE THROUGH GRADE BEAM LARGER THAN 4" DIA



ELEVATION VIEW

6 GRADE BEAM PENETRATION DETAIL
SCALE: 3/4" = 1'-0"

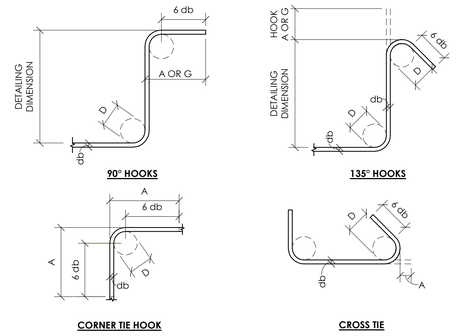


PLAN VIEW

NOTES:
1. GENERAL CONTRACTOR TO COORDINATE REQUIRED SIZE OF BLOCKOUT FOR STRUCTURAL STEEL COLUMN. SUBMIT THE DESIRED BLOCKOUT SIZE TO ARCHITECT FOR APROVAL.
2. PROVIDE 3" MINIMUM CONCRETE COVER ALL AROUND COLUMN AND BASE PLATE.

BASE PLATE SIZE	BLOCK OUT SIZE
10"	1'-8" x 1'-8"
12"	1'-10" x 1'-10"
14"	2'-2" x 2'-2"
16"	2'-4" x 2'-4"
18"	2'-6" x 2'-6"
20"	2'-8" x 2'-8"

3 COLUMN BLOCK OUT SCHEDULE
SCALE: 3/4" = 1'-0"



STIRRUP & TIE HOOK SCHEDULE			
BAR SIZE	D (IN)	90° HOOKS A OR G, (IN)	135° HOOKS A OR G (IN)
#3	1 1/2	4	4
#4	2	4 1/2	4 1/2
#5	2 1/2	6	5 1/2

D= INSIDE DIAMETER OF BEND

11 STIRRUP AND TIE HOOK SCHEDULE
SCALE: 3/4" = 1'-0"

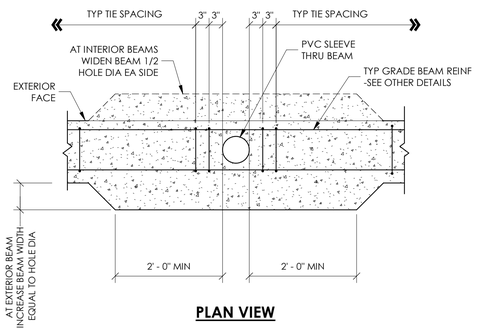
DEVELOPMENT LENGTHS OF STANDARD HOOKS IN TENSION GRADE 60 REINFORCEMENT/NORMAL WEIGHT CONCRETE									
BAR SIZE	F'c=3000		F'c=4000		F'c=5000		F'c=6000		BAR SIZE
	L_{hb}	$0.7L_{hb}$	L_{hb}	$0.7L_{hb}$	L_{hb}	$0.7L_{hb}$	L_{hb}	$0.7L_{hb}$	
#3	9	6	8	5	7	5	6	5	#3
#4	11	8	10	7	9	6	8	6	#4
#5	14	10	12	9	11	8	10	7	#5
#6	17	12	15	10	13	9	12	9	#6
#7	20	14	17	12	15	11	14	10	#7
#8	22	16	19	14	17	12	16	11	#8
#9	25	18	22	15	20	14	18	13	#9
#10	28	20	25	17	22	16	20	14	#10
#11	31	22	27	19	24	17	22	16	#11

90° HOOKS **180° HOOKS**

NOTES:
1. $L_{dh} = L_{hb}$ UNLESS CONDITIONS OF ITEM 2 ARE SATISFIED
2. $L_{dh} = 0.7\ L_{hb}$ FOR #11 BARS AND SMALLER WHEN SIDE COVER (NORMAL TO PLANE OR HOOK) IS NOT LESS THAN 2 1/2 INCHES AND 90° HOOKS AND COVER ON BAR EXTENSION BEYOND HOOK IS NOT LESS THAN 2 INCHES.
3. HOOKS ARE NOT CONSIDERED EFFECTIVE FOR DEVELOPING BARS IN COMPRESSION.
4. Ldh SHALL BE MULTIPLIED BY 1.2 FOR EPOXY-COATED HOOKED BARS.

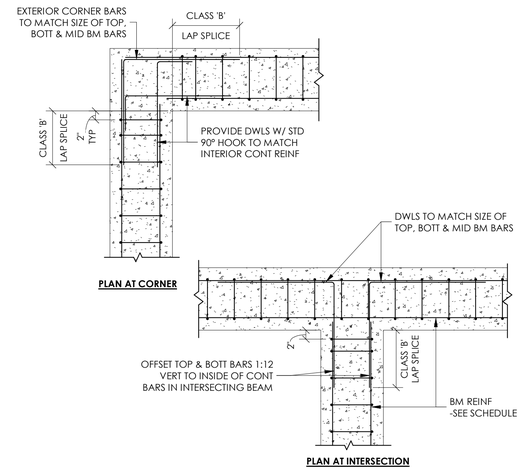
8 DEVELOPMENT LENGTHS OF STANDARD HOOKS IN TENSION
SCALE: 3/4" = 1'-0"

NOTE: TYPICAL VERTICAL HOLE THROUGH GRADE BEAM LARGER THAN 4" DIA



PLAN VIEW

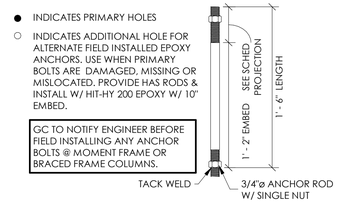
5 GRADE BEAM PENETRATION DETAIL
SCALE: 3/4" = 1'-0"



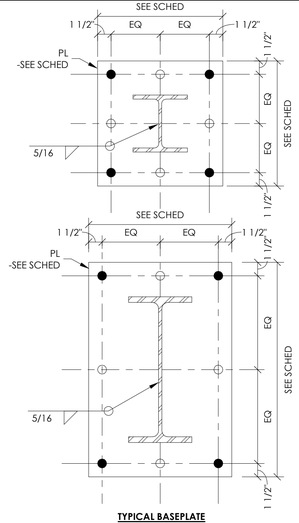
2 TYPICAL GRADE BEAM CORNER BAR DETAIL
SCALE: 3/4" = 1'-0"

BASE PLATE SCHEDULE						
MARK	COLUMN SIZE	PLATE DIMENSION	PLATE THICKNESS	ANCHOR DIAMETER	ANCHOR EMBEDMENT	ANCHOR PROJECTION
BP1	W8	14" SQ	3/4"	3/4"	14"	4"
BP2	W16	22" SQ	1"	3/4"	14"	5"
BP3	W16	24"x16"	1"	3/4"	14"	5"

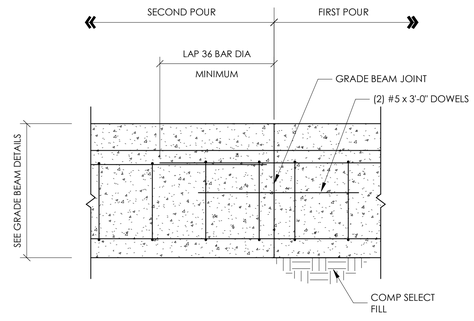
NOTES:
1. SEE SPECIFICATIONS AND GENERAL NOTES FOR GROUT REQUIREMENTS.



10 TYPICAL WIDE FLANGE COLUMN BASEPLATE DETAIL
SCALE: 1 1/2" = 1'-0"



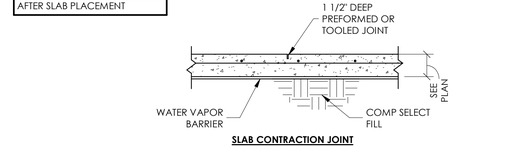
NOTES:
1. JOINTS MAY NOT OCCUR IN THE FIRST SPAN OF A BEAM LINE OR IN ANY SPAN WHICH IS LESS THAN 8 FEET.
2. LOCATE JOINTS IN MIDDLE THIRD OF BEAM SPAN BETWEEN SUPPORTS.



ELEVATION VIEW

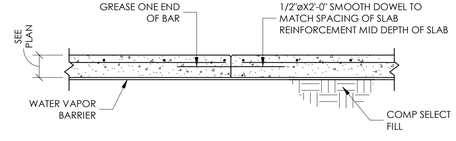
4 GRADE BEAM CONSTRUCTION JOINT
SCALE: 3/4" = 1'-0"

CONTRACTION JOINT MAY BE SAWCUT TO 1/4 OF THE SLAB DEPTH NO MORE THAN **6 HOURS** AFTER SLAB PLACEMENT



SLAB CONTRACTION JOINT

NOTE: SEE PLAN FOR LOCATION OR SPACE AT 15'x 15' MAXIMUM IN EACH DIRECTION. IF LOCATION IS NOT SHOWN ON PLAN, CONTRACTOR SHALL SUBMIT JOINT LAYOUT TO THE ARCHITECT FOR APPROVAL.



SLAB CONSTRUCTION JOINT

NOTE: AT CONTRACTOR'S OPTION, CONSTRUCTION JOINT MAY BE USED IN LIEU OF CONTRACTION JOINT. LOCATIONS SHALL BE PROPOSED BY THE CONTRACTOR AND APPROVED BY THE ARCHITECT.

1 SLAB JOINT DETAIL
SCALE: 3/4" = 1'-0"

REVISIONS

NO.	DESCRIPTION	DATE

TYPICAL FOUNDATION DETAILS

Hays St Bridge Pavilion
City of San Antonio

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550 Bailey Avenue • Suite 400 • Fort Worth, TX 76107
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DESIGNED BY:	Author
CHECKED BY:	Checker
DATE:	4/18/2022

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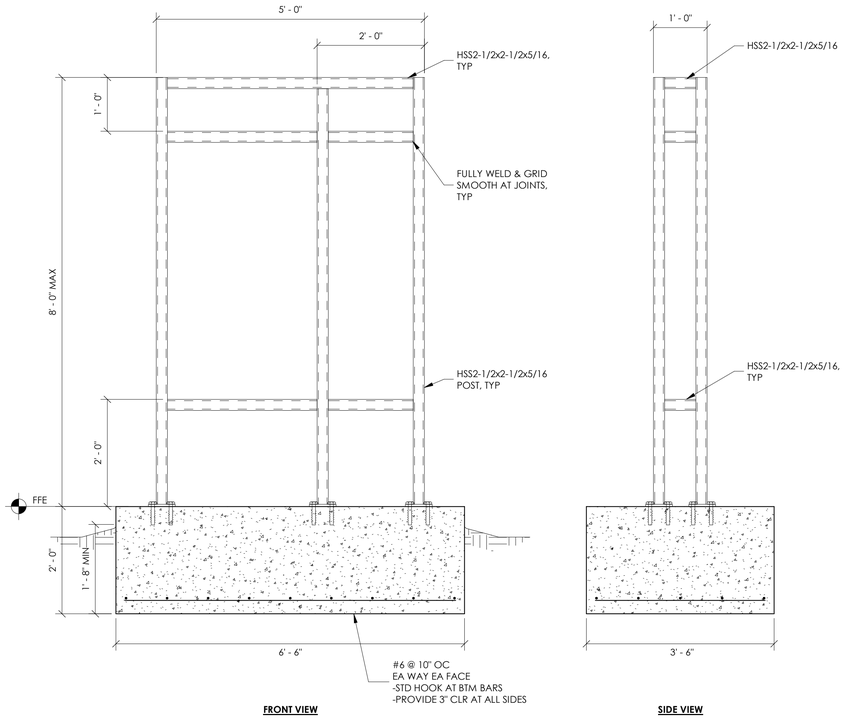
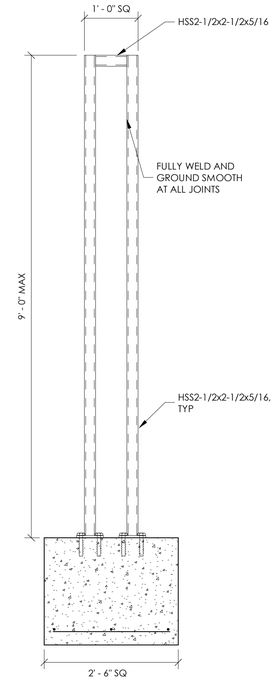
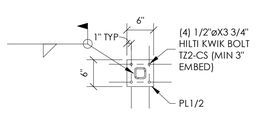
NOTE: PLA TO VERIFY ALL DIMENSIONS



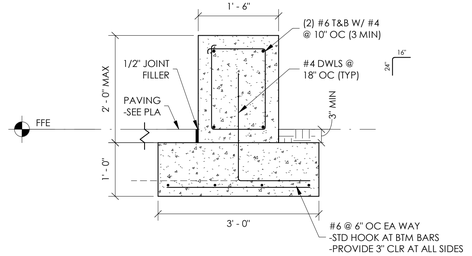
FRONT VIEW **SIDE VIEW**

4 MONUMENT SIGN DETAIL
SCALE: 3/4" = 1'-0"

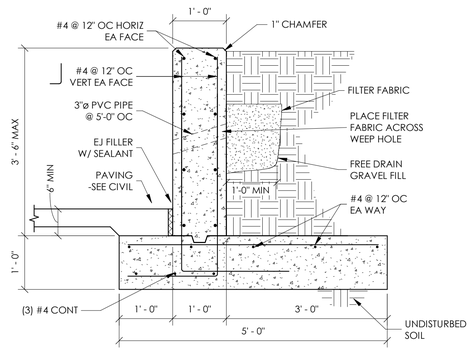




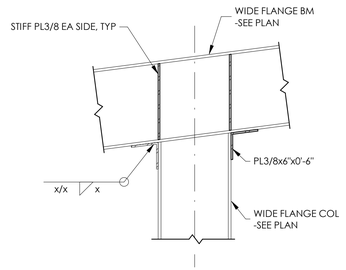
5 BLADE SIGN & ACCENT LIGHT DETAIL
SCALE: 3/4" = 1'-0"



10 CONCRETE SEAT WALL
SCALE: 3/4" = 1'-0"

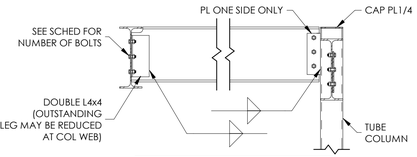


3 RETAINING WALL DETAIL
SCALE: 3/4" = 1'-0"



NOTES:
1. CHAMFER CORNERS AS REQUIRED AT BEAM "K" REGION.
2. AT INTERSECTING BEAMS, USE FULL DEPTH SHEAR TAB PER TYPICAL CONNECTION DETAIL.
3. BEARING PLATE WIDTH = BEAM FLANGE WIDTH. IF COLUMN IS WIDER THAN BEAM FLANGE, BEARING PLATE WIDTH = COLUMN WIDTH + 1".

2 WIDE FLANGE BEAM OVER COLUMN DETAIL
SCALE: 3/4" = 1'-0"



BEAM DEPTH	MIN. NO. 3/4"ø A325 BOLTS
8"	2
10"	2
12"	3
14"	3
16"	4
18"	5
21"	6
24"	6
27"	7
30"	8

NOTES:
1. PLATE THICKNESS SHALL BE 3/8" FOR CONNECTIONS UP TO 5 ROWS OF BOLTS.
2. PLATE THICKNESS SHALL BE 5/16" FOR CONNECTIONS WITH 6 ROWS OF BOLTS OR MORE.
3. SEE PLAN FOR LRFD BEAM REACTIONS. NUMBER OF BOLTS SHOWN IN TABLE ARE MINIMUMS. REFER TO STRUCTURAL STEEL NOTES FOR AISC CONNECTION DESIGN TABLES.

1 SIMPLE SHEAR CONNECTION DETAIL
SCALE: 3/4" = 1'-0"

NO.	DATE	REVISIONS DESCRIPTION

TYPICAL STEEL & SITE DETAILS

DUNAWAY
550 Bailey Avenue • Suite 600 • Fort Worth, TX 76107
Tel: 817.335.1121 • TX REG. F-1114

Hays St Bridge Pavilion
City of San Antonio

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DATE:	4/18/2022

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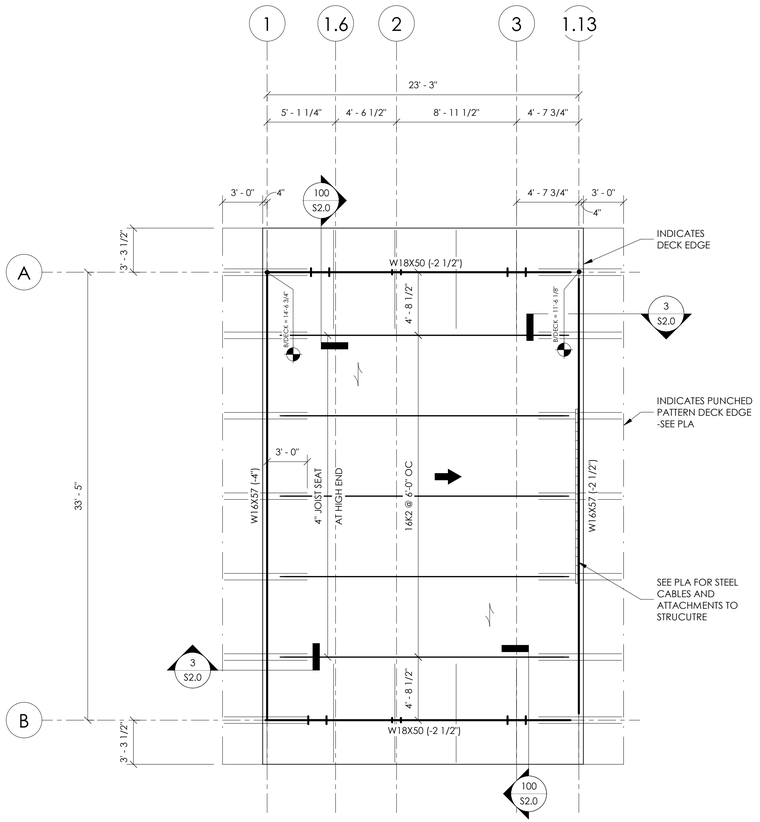
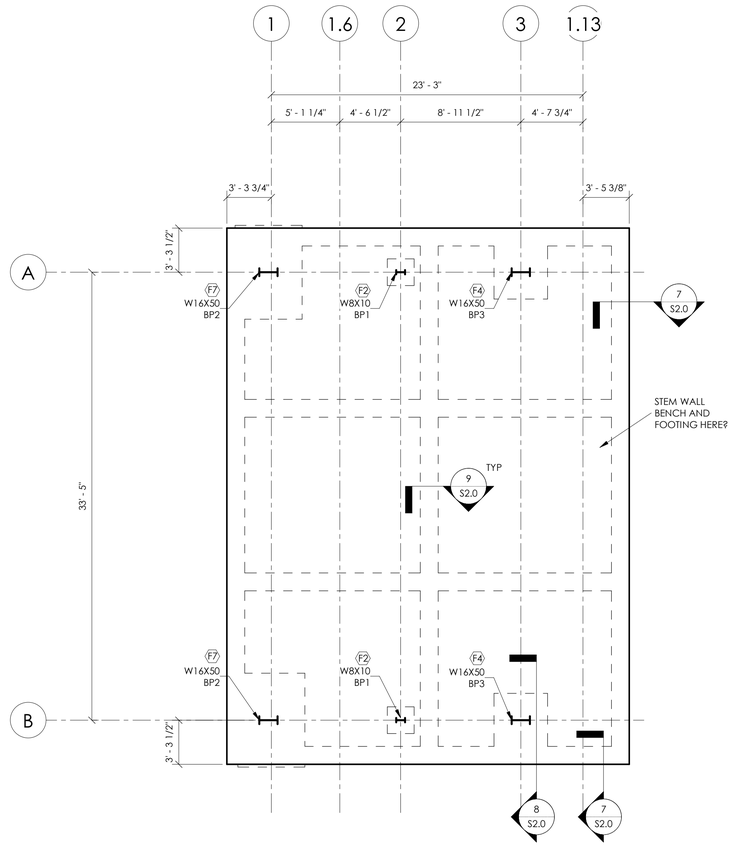


ROOF FRAMING PLAN
SCALE: 3/16" = 1'-0"



FOUNDATION PLAN
SCALE: 3/16" = 1'-0"

ROOF DECK:
X'-XX" DOUGLAS FIR, GRADE 2, PRESSURE TREATED T&G DECKING W/ XX nails TO STEEL SUPPORTS AND X" OC. TOP T&G WITH 5/8" THICK PS1/PS2 AND STRUCTURAL 1 RATED EXPOSURE 1 PLYWOOD OR OSB DECKING WITH A SPAN RATING OF 40/20 AND CONTINUOUS OVER A MINIMUM OF TWO SPANS. STANDING SEAM DECK AND ATTACHMENT TO PLYWOOD BY OTHERS (SEE PLA).

TOP OF STEEL NOTE:
TOP OF STEEL = BOTTOM OF ROOF DECK, UNO. TOP OF STEEL BEAM AND GIRDER ELEVATIONS SHALL BE DETERMINED FROM JOIST SEAT DEPTHS AND BOTTOM OF DECK ELEVATIONS.

INDICATES ROOF SLOPE DIRECTION

INDICATES ROOF DECK SPAN DIRECTION

PLAN LEGEND

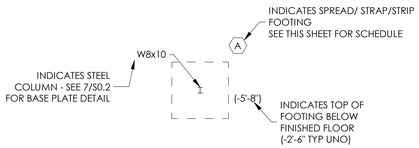
BEAM LEGEND

SPREAD FOOTING SCHEDULE

MARK	LENGTH	WIDTH	THICKNESS	BOTT. REINFORCING
F2	2' - 0"	2' - 0"	2' - 3"	(4) #6 EA. WAY
F4	4' - 0"	4' - 0"	2' - 3"	(6) #6 EA. WAY
F7	5' - 0"	7' - 0"	2' - 3"	#6 @ 9" OC EA. WAY

5" THICK CONCRETE SLAB ON GRADE W/ #3 @ 14" OC EA WAY ON 3" HIGH CHAIRS @ 42" OC EA WAY. PLACE SLAB ON 15 MIL PLASTIC WATER VAPOR BARRIER OVER COMPACTED SELECT FILL -SEE SOIL REPORT

REFERENCE FFE = 0'-0" ACTUAL FFE = SEE PLA COORDINATE ACTUAL FFE W/ PLA PLANS



FOOTING LEGEND

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FRAMING PLANS

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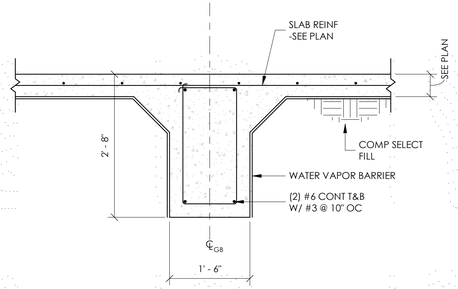
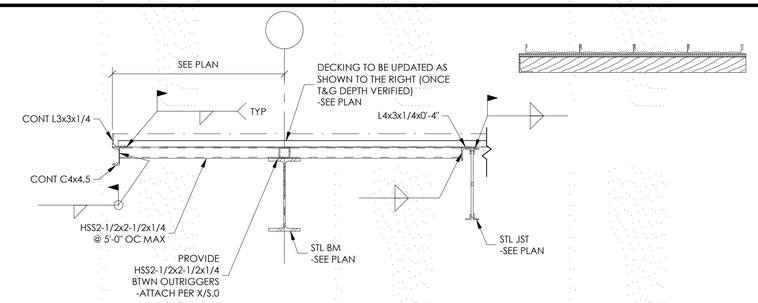
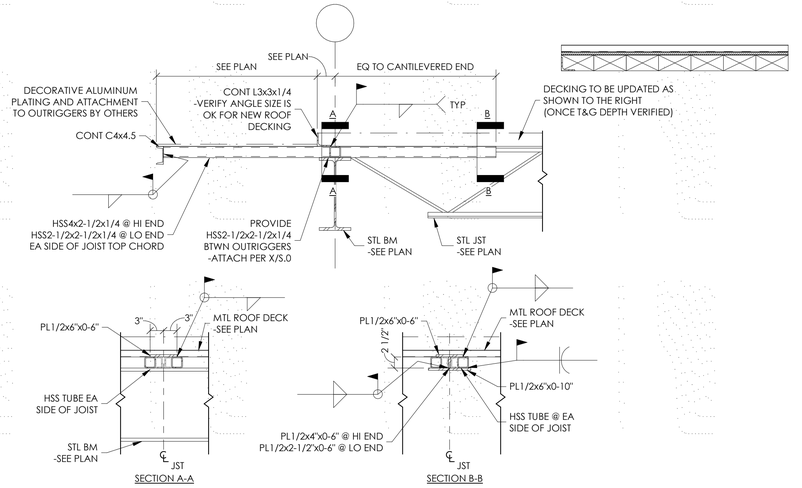


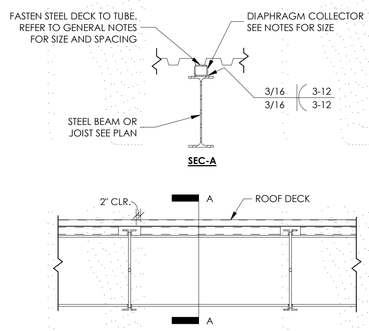
9 INTERIOR GRADE BEAM DETAIL
SCALE: 3/4" = 1'-0"



100 EDGE DETAIL
SCALE: 3/4" = 1'-0"

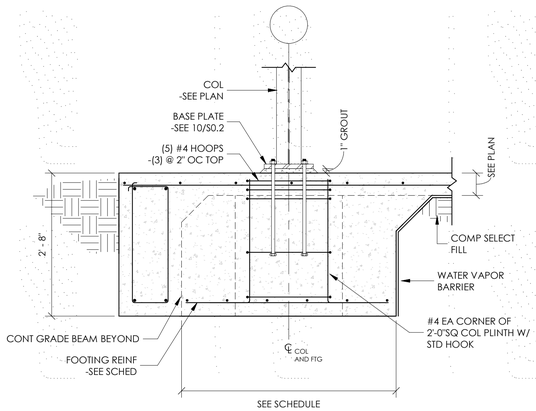


3 EDGE DETAIL
SCALE: 3/4" = 1'-0"

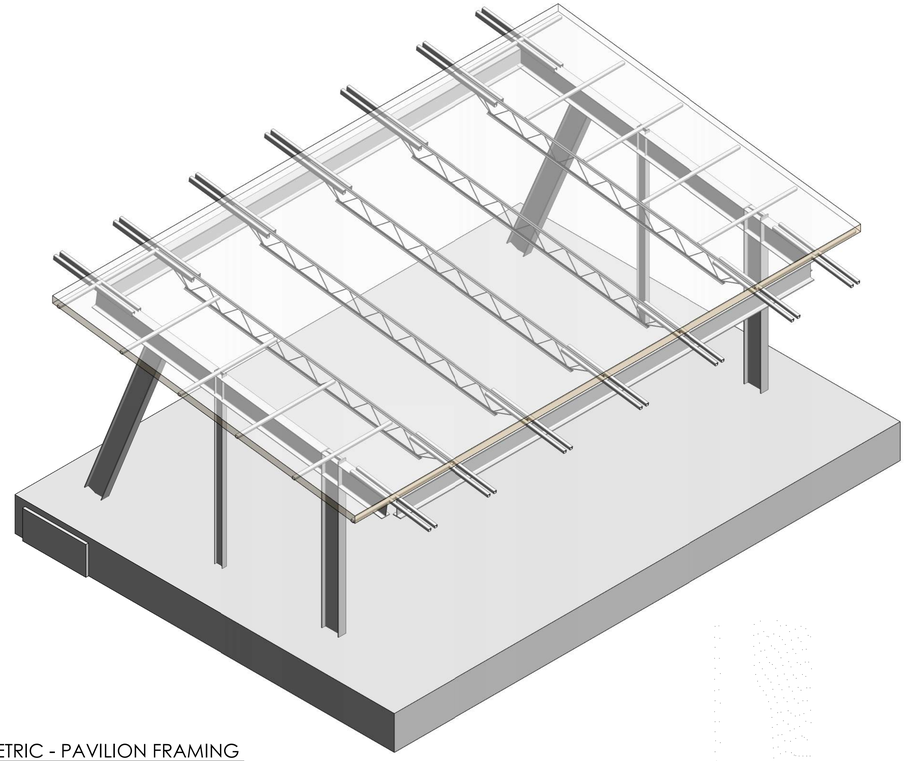


NOTES:
1.) REFER TO PLAN FOR BEAM REQUIRING COLLECTORS.
2.) LOCATIONS W/ LH OR DLH JOISTS USE HSS5X3X3/16 LSV FOR FILLERS.
3.) LOCATIONS W/ K JOISTS USE HSS3-1/2x2-1/2x3/16 LSH FOR FILLERS.

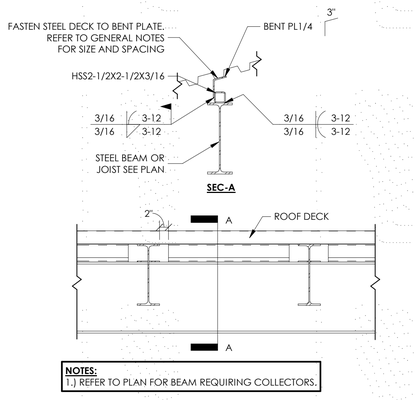
2 TYP DIAPHRAGM COLLECTOR AT BEAM
SCALE: 3/4" = 1'-0"



8 COLUMN FOOTING DETAIL
SCALE: 3/4" = 1'-0"

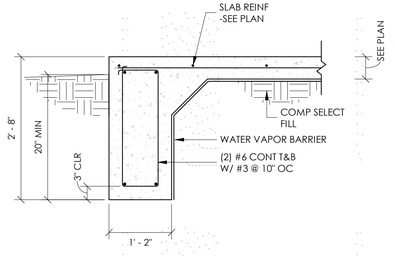


4 ISOMETRIC - PAVILION FRAMING
SCALE:



NOTES:
1.) REFER TO PLAN FOR BEAM REQUIRING COLLECTORS.

5 TYP DIAPHRAGM COLLECTOR AT HIGH SLOPE ROOF
SCALE: 3/4" = 1'-0"



7 EXTERIOR GRADE BEAM DETAIL
SCALE: 3/4" = 1'-0"

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NO.	DATE	DESCRIPTION

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DAWSON SKATEPARK

SAN ANTONIO, TEXAS

90% SUBMITTAL

GENERAL NOTES

1. NOTIFY THE ACTION SPORTS DESIGNER IMMEDIATELY OF ANY DISCREPANCIES WITHIN THE CONSTRUCTION DOCUMENTS AND/OR WRITTEN SPECIFICATIONS.

2. THE METRIC EQUIVALENT "[ ]" DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.

3. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ALL QUANTITIES.

4. PERFORM ALL WORK IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND/OR NATIONAL BUILDING CODES AND REQUIREMENTS.

5. THE ACTIONS SPORTS DESIGNER SHALL HAVE NO CONTROL OR CHARGE OF, NOR BE RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, SAFETY PRECAUTIONS OR PROGRAMS IN CONNECTION WITH THE WORK, THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY PERSONS PERFORMING ANY OF THE WORK OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN CONFORMANCE WITH THE CONTRACT DOCUMENTS.

6. PROVIDE SPECIAL INSPECTION AS REQUIRED BY BUILDING CODES FOR THE FOLLOWING ITEMS:
   -TAKING OF TEST SPECIMENS OF ALL CONCRETE AND SHOTCRETE.

7. THE CONTRACTOR SHALL WARRANTY ALL OF THEIR WORK DURING CONSTRUCTION AND A MINIMUM OF ONE YEAR AFTER THE PROJECT IS COMPLETED.

8. CONCRETE MIXES SHALL BE DESIGNED BY A TESTING LABORATORY APPROVED BY THE ACTION SPORTS DESIGNER PRIOR TO USE.

STEEL SHAPES CHART

ROUND		SQUARE		RECTANGULAR	
NOMINAL	HSS	NOMINAL	HSS	NOMINAL	HSS
2"	2.375 x 0.1875 6.03cm x 4.76mm	2"x2"	2.00 x 2.00 x 0.1875 5.08cm x 5.08cm x 4.76mm	2"x6"	2.00 x 6.00 x 0.1875 5.08cm x 15.24cm x 4.76mm
2-1/2"	2.875 x 0.1875 7.30cm x 4.76mm	2-1/2"x2-1/2"	2.50 x 2.50 x 0.1875 7.30cm x 7.30cm x 4.76mm	2"x8"	2.00 x 8.00 x 0.1875 5.08cm x 20.32cm x 4.76mm
3"	3.50 x 0.1875 8.89cm x 4.76mm	3"x3"	3.00 x 3.00 x 0.1875 7.62cm x 7.62cm x 4.76mm	2-1/2"x4"	2.50 x 4.00 x 0.1875 6.35cm x 10.16cm x 4.76mm
3-1/2"	4.00 x 0.1875 10.16cm x 4.76mm	3-1/2"x3-1/2"	3.50 x 3.50 x 0.1875 8.89cm x 8.89cm x 4.76mm	2-1/2"x5"	2.50 x 5.00 x 0.1875 6.35cm x 12.70cm x 4.76mm
4"	4.50 x 0.1875 11.43cm x 4.76mm	4"x4"	4.00 x 4.00 x 0.1875 10.16cm x 10.16cm x 4.76mm	3"x5"	3.00 x 5.00 x 0.1875 7.62cm x 12.70cm x 4.76mm

NOTES:
1. ALL HOLLOW STRUCTURAL SECTIONS (HSS) TO BE ASTM A-500 GRADE B STEEL.

REBAR DEVELOPMENT LENGTHS

NORMAL WEIGHT CONCRETE							
REBAR SIZE		3000 P.S.I.			4000 P.S.I.		
ENGLISH	METRIC	TOP BARS ld	BOT. BARS ld	ldh	TOP BARS ld	BOT. BARS ld	ldh
#3	#10	21" [53.34cm]	16" [40.64cm]	8" [20.32cm]	18" [45.72cm]	14" [35.56cm]	7" [17.78cm]
#4	#13	28" [71.12cm]	22" [55.88cm]	11" [27.94cm]	25" [63.50cm]	19" [48.26cm]	9" [22.86cm]
#5	#16	36" [91.44cm]	27" [68.58cm]	14" [35.56cm]	31" [78.74cm]	24" [60.96cm]	12" [30.48cm]
#6	#19	43" [109.22cm]	33" [83.82cm]	16" [40.64cm]	37" [93.98cm]	28" [71.12cm]	14" [35.56cm]
#7	#22	62" [157.48cm]	48" [121.92cm]	19" [48.26cm]	54" [137.16cm]	42" [106.68cm]	17" [43.18cm]
#8	#25	71" [180.34cm]	55" [139.70cm]	22" [55.88cm]	62" [157.48cm]	47" [119.38cm]	19" [48.26cm]
#9	#29	80" [203.20cm]	62" [157.48cm]	25" [63.50cm]	69" [175.26cm]	53" [134.62cm]	21" [53.34cm]
#10	#32	89" [226.06cm]	68" [172.72cm]	27" [68.58cm]	77" [195.58cm]	59" [149.86cm]	24" [60.96cm]
#11	#36	98" [248.92cm]	75" [190.50cm]	30" [76.20cm]	85" [215.90cm]	65" [165.10cm]	26" [66.04cm]

NOTES:
1. THESE LENGTHS APPLY TYPICALLY UNLESS OTHERWISE NOTED.
2. CLEAR SPACING BETWEEN PARALLEL BARS MUST BE AT LEAST ONE BAR DIAMETER BUT NOT LESS THAN 1" [2.54cm].
3. TOP BARS: HORIZONTAL BARS SO PLACED THAT MORE THAN 12" [30.48cm] OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW.
4. LIGHTWEIGHT CONCRETE: MULTIPLY VALUES IN TABLE BY 1.3.
5. CLASS B SPLICE: LD X 1.3 LAP LENGTH. STAGGER SPLICES MIN. OF 24" [60.96cm].

CONSTRUCTION DISCLAIMER

ALL MEASUREMENTS, DISTANCES AND RADII TO BE VERIFIED IN THE FIELD.

STRUCTURAL NOTES

1. DESIGN CRITERIA
   DESIGN CRITERIA:

   2015 EDITION OF THE INTERNATIONAL BUILDING CODE, WITH LOCAL AMENDMENTS.

   LOADS:

   WIND DESIGN: BASIC WIND SPEED = 90 MPH (3 SECOND GUST). Iw = 1.0. EXPOSURE C.

   SEISMIC DESIGN: Ie = 1.0. Ss = 0.172 S1 = 0.051 SEISMIC SITE CLASS = D.
   Sds = 0.183 SD1 = 0.081 SEISMIC DESIGN CATEGORY B.

   GENERAL:

   1. WHERE REFERENCE IS MADE TO VARIOUS TEST STANDARDS FOR MATERIALS, SUCH STANDARDS SHALL BE THE LATEST EDITION AND/OR ADDENDA.

   2. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT. FOR BIDDING PURPOSES, WHERE ANY MEMBER IS SHOWN BUT NOT CALLED OUT, THE LARGEST SIMILAR MEMBER SHALL BE UTILIZED.

   3. WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL STRUCTURAL NOTES AND SPECIFICATIONS, THE GREATER REQUIREMENTS SHALL GOVERN.

   4. ANY ENGINEERING DESIGN, PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW, SHALL BEAR THE SEAL OF AN ENGINEER REGISTERED IN THE STATE IN WHICH THE PROJECT OCCURS.

   CONCRETE AND SHOTCRETE:

   1. ALL CONCRETE WORK SHALL CONFORM WITH THE REQUIREMENTS OF ACI 301 AND ACI 318. CEMENT PER ASTM C150, TYPE II. AGGREGATE PER ASTM C33. LIGHTWEIGHT AGGREGATE PER ASTM C330. CONCRETE SHALL BE READY MIXED IN ACCORDANCE WITH ASTM C94 AND SHALL BE DESIGNED FOR A MINIMUM 28 DAY COMPRESSIVE STRENGTH AS FOLLOWS:

      FLAT SLABS, WALLS ----------4,000 PSI
      SLABS ON GRADE ----------4,000 PSI
      FOUNDATIONS ----------4,000 PSI

   2. ALL SHOTCRETE WORK SHALL CONFORM WITH THE REQUIREMENTS OF ACI 506, LATEST EDITION, "SPECIFICATION FOR MATERIALS, PROPORTIONING AND APPLICATION OF SHOTCRETE" AND ACI 506.2, LATEST EDITION, "RECOMMENDED PRACTICES FOR SHOTCRETE." AGGREGATE PER ASTM C33.

   3. SHOTCRETE MIX DESIGNS SHALL BE DESIGNED FOR A MINIMUM 28 DAY COMPRESSIVE STRENGTH AS FOLLOWS:

      FLAT SLABS, WALLS ----------4,000 PSI
      SLABS ON GRADE ----------4,000 PSI

   4. SHOTCRETE SURFACE PREPARATION: EXPOSED EXISTING CONCRETE SHALL BE SANDBLASTED CLEAN. SURFACES SHALL BE FOLLOWED BY WETTING AND DAMP DRYING JUST PRIOR TO SHOTCRETE APPLICATION.

   5. ANY REBOUND OR ACCUMULATED LOOSE AGGREGATE SHALL BE REMOVED FROM THE SURFACES TO BE COVERED PRIOR TO PLACING THE INITIAL OR ANY SUCCEEDING LAYERS OF SHOTCRETE, REBOUND SHALL NOT BE REUSED AS AGGREGATE.

   6. JOINTS IN WALL POURS ARE PERMISSIBLE. AT JOINTS, SHOTCRETE SHALL BE SLOPED TO A THIN EDGE. BEFORE PLACING ADDITIONAL MATERIAL, ALL SURFACES SHALL BE THOROUGHLY CLEANED AND WETTED AND ALL REINFORCING STEEL SHALL BE BRUSHED FREE OF LATENT SHOTCRETE MATERIAL.

   7. ANY IN-PLACE SHOTCRETE MATERIAL WHICH EXHIBITS SAGS OR SLOUGHS, SEGREGATION, HONEY COMBING, SAND POCKETS OF OTHER OBVIOUS DEFECTS SHALL BE REMOVED AND REPLACED.

   8. TESTING AND INSPECTION OF IN-PLACE SHOTCRETE SHALL BE IN ACCORDANCE WITH 2015 IBC.

9. CONCRETE SHALL BE PLACED WITHIN 90 MINUTES OF BATCHING AND SHALL NOT EXCEED A TEMPERATURE OF 90 DEGREES F UNLESS PRE-APPROVED BY THE ACTION SPORTS DESIGNER.

10. DURING THE CURING PERIOD, CONCRETE SHALL BE MAINTAINED AT A TEMPERATURE ABOVE 40 DEGREES F AND IN MOIST CONDITION. FOR INITIAL CURING, CONCRETE SHALL BE KEPT CONTINUOUSLY MOIST FOR 24 HOURS AFTER PLACEMENT IS COMPLETE. FINAL CURING SHALL CONTINUE FOR SEVEN DAYS AFTER PLACEMENT AND SHALL CONSIST OF APPLICATION OF CURING COMPOUND PER ASTM C309. APPLY AT A RATE SUFFICIENT TO RETAIN MOISTURE, BUT NOT LESS THAN 1 GALLON PER 200 SQUARE FEET. COVER CONCRETE WITH POLYETHYLENE PLASTIC TO MAINTAIN TEMPERATURE IF NECESSARY. LAP SEAMS IN THE PLASTIC 6" AND TAPE, WEIGHT DOWN THE PLASTIC AS NEEDED.

11. THE CONTRACTOR SHALL FIX ALL CRACKS AND DISPLACEMENTS LARGER THAN 1/8".

12. CONDUITS, PIPES, AND SLEEVES EMBEDDED IN CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF IBC SECTION 1906.

13. TESTING OF COMPRESSIVE STRENGTH AND SLUMP PER ASTM C31, C39 AND C143.
    A QUALIFIED TESTING LABORATORY SHALL TEST ONE CYLINDER AT 7 DAYS AND TWO AT 28 DAYS.

CONTACTS

CLIENT	CITY OF SAN ANTONIO XXXXXXXXXXXXXXX XXXXXXX XXXXXXXXXXXXXXXX XXXXXXXXXXXXX [t] XXXXXXXXXX
DESIGNER	PILLAR DESIGN STUDIOS BRAD SIEDLECKI 1960 W. HAWK CT. CHANDLER, ARIZONA 85286 [t] 888.880.5112 [f] 888.841.2569

STRUCTURAL NOTES

REINFORCING STEEL:

1. REINFORCING STEEL SHALL CONFORM TO ASTM A615 (Fy = 60 KSI) DEFORMED BARS FOR ALL BARS #3 AND LARGER. ALL REINFORCING TO BE WELDED SHALL BE ASTM A706. WELDED WIRE FABRIC PER ASTM A185, WIRE PER ASTM A82. LATEST ACI CODE AND DETAILING MANUAL APPLY.

2. ACCURATELY PLACE OR SUPPORT ALL REINFORCING, INCLUDING WELDED WIRE FABRIC, WITH GALVANIZED METAL CHAIRS, SPACERS OR HANGERS FOR THE FOLLOWING CLEAR CONCRETE COVERAGES:
   CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH ------- 3"
   EXPOSED TO EARTH OR WEATHER
   #6 OR LARGER ---------- 2"
   #5 AND SMALLER ---------- 1 1/2"
   COLUMNS (TO TIES) ---------- 1 1/2"
   BEAMS (TO STIRRUPS) ---------- 1 1/2"
   FLAT SLAB ---------- 3/4"
   ALL OTHER PER LATEST EDITION OF ACI 318.

3. REINFORCING BAR SPACING GIVEN ARE MAXIMUM ON CENTERS. ALL BARS PER CRSI SPECIFICATIONS AND HANDBOOK. DOWEL ALL VERTICAL REINFORCING TO FOUNDATION WITH STANDARD 90 DEGREE HOOKS UNLESS NOTED OTHERWISE. SKEW HOOKS AS REQUIRED TO MAINTAIN CONCRETE COVER. SECURELY TIE ALL BARS IN LOCATION BEFORE PLACING CONCRETE. CONCRETE COLUMN DOWEL EMBEDMENT SHALL BE A STANDARD COMPRESSION DOWEL WITH EMBEDMENT LENGTH ACCORDING TO THE LATEST EDITION OF THE ACI 318.

STRUCTURAL STEEL:

1. ALL STEEL CONSTRUCTION SHALL CONFORM WITH THE LATEST AISC HANDBOOK.
   ALL RECTANGULAR TS/HSS SHALL BE ASTM A500, GRADE B (Fy = 46 KSI).
   ALL PIPE STEEL SHALL BE ASTM A53, GRADE B (Fy = 35 KSI). ALL OTHER STRUCTURAL SHAPES AND PLATES SHALL BE ASTM A36 (Fy = 36 KSI). PAINT ALL STEEL SURFACES WITH FABRICATOR'S STANDARD RUST-INHIBITING PRIMER EXCEPT AT SURFACES ENCASED IN CONCRETE.

2. ALL WELDING PER LATEST AMERICAN WELDING SOCIETY STANDARDS, (EXCEPT STEEL JOISTS AND JOIST GIRDERS SHALL COMPLY WITH SJI STANDARDS). ALL WELDING DONE BY E70 SERIES LOW HYDROGEN RODS UNLESS NOTED OTHERWISE. FOR GRADE 60 REINFORCING BARS, USE E90 SERIES. THESE DRAWINGS DO NOT DISTINGUISH BETWEEN SHOP AND FIELD WELDS; THE CONTRACTOR MAY SHOP WELD OR FIELD WELD AT HIS DISCRETION.

3. NON-SHRINK GROUT SHALL BE 5,000 PSI, FIVE STAR, SIKA 212 OR EQUIVALENT. INSTALL NON-SHRINK GROUT UNDER BEARING PLATES BEFORE FRAMING MEMBER IS INSTALLED.

POST-INSTALLED ANCHORS:

1. EPOXY BOLTS OR DOWELS SHALL BE A THREADED ROD OR REINFORCING STEEL INSTALLED WITH THE ONE OF THE FOLLOWING APPROVED PRODUCTS SATISFYING CRACKED CONCRETE REQUIREMENTS IN ACCORDANCE WITH ACI APPENDIX D.

   SIMPSON "SET-XP" ICC REPORT ESR-2508
   HILTI "RE-500 SD" ICC REPORT ESR-2322
   POWERS "PE1000+" ICC REPORT ESR-2583

2. THE CONTRACTOR MAY NOT USE SUBSTITUTES FOR EPOXY OR EXPANSION ANCHORS WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.

3. FOR MINIMUM EMBEDMENT LENGTH SEE DETAILS. INSTALL ALL BOLTS AS OUTLINED IN MANUFACTURER'S SPECIFICATIONS, UTILIZING PROPER SIZE AND TYPE OF DRILL, CLEANING HOLE, DRIVING AND TIGHTENING BOLT.

CONSTRUCTION DETAIL NOTES

1. "BASE COURSE" SHALL CONSIST OF A 4" [10.16cm] LAYER OF CLEAN COMPACTED 1" [2.54cm] CRUSHED ROCK; "COMPACTED SUBGRADE" SHALL CONSIST OF THE UPPER MOST 1'-0" [30.48cm] OF NATIVE SOIL AND/OR ENGINEERED FILL COMPACTED TO 95% STANDARD PROCTOR. IF THESE GUIDELINES CONFLICT WITH THE GEO-TECHNICAL REPORT, THE CONTRACTOR TO FOLLOW THE MORE STRINGENT OF THE TWO GUIDELINES

2. GRIND SMOOTH ALL EXPOSED COPING AND RAIL WELDS. APPLY END CAPS TO ALL EXPOSED COPING AND RAIL ENDS, OPEN STEEL ENDS OR CONCRETE FILLED CAPS ARE UNACCEPTABLE.

3. HOOK ANCHORS OR HEX BOLTS MAY BE USED IN-LIEU OF NELSON STUDS TO SECURE COPING AND PROTECTIVE PLATES IN PLACE PROVIDED THEY ARE THE SAME NOMINAL SIZE.

4. ALL RAIL POSTS SHALL BE PLACED 3" [7.62cm] MINIMUM CLEAR OF ALL CONCRETE AND/OR SHOTCRETE FACES.

5. SOME REINFORCEMENT MEMBERS MAY BE SHOWN OUT OF SCALE AND/OR POSITION FOR CLARITY ONLY. AT A MINIMUM ALL REINFORCEMENT SHALL BE PLACED CLEAR OF ALL CONCRETE AND/OR SHOTCRETE FACES AS NOTED BELOW:
   - WELDED WIRE FABRIC: 2" [5.08cm]
   - SPEED DOWELS: 3" [7.62cm]
   - REBAR IN FLATWORK, BANKS, BOWLS, WATERFALLS AND TURNDOWN WALLS: 2" [5.08cm] OR 3" [7.62cm] IF PERMANENTLY EXPOSED TO EARTH
   - REBAR IN FORMED LEDGES, EXTENSIONS AND RETAINING WALLS: 3" [7.62cm]

6. ALL SHOTCRETE SHALL BE CUT, SCREEDED AND INSPECTED WITH TEMPLATES CUT TO THE SPECIFIED HEIGHT, WIDTH, RADIUS AND/OR ANGLE. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS WITH DIMENSIONS, MATERIAL AND LOCATION OF USED FOR ALL TEMPLATES FOR APPROVAL BY THE OWNER'S REPRESENTATIVE AND THE ACTION SPORTS DESIGNER.

7. ALL CONCRETE AND SHOTCRETE SHALL HAVE A SMOOTH TROWEL FINISH UNLESS OTHERWISE NOTED.

8. ALL EXPOSED OUTSIDE CONCRETE CORNERS SHALL RECEIVE A 1/2" [12.70mm] CHAMFER UNLESS OTHERWISE NOTED.

9. CAP ALL EXPOSED ENDS, FILL ALL VOIDS AND GRIND ALL WELDS SMOOTH.

SHEET INDEX

SHEET	DESCRIPTION
AS-01	COVER SHEET
AS-02	MASTER PLAN
AS-03	3 DIMENSIONAL GRAPHIC
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AS-07	COPING PLAN
AS-08	CONCRETE PLAN
AS-09	JOINTING PLAN
AS-10	CROSS SECTIONS
AS-10	CROSS SECTIONS
AS-12	CROSS SECTIONS
AS-13	CONSTRUCTION DETAILS
AS-14	CONSTRUCTION DETAILS
AS-15	CONSTRUCTION DETAILS
AS-16	CONSTRUCTION DETAILS
AS-17	CONSTRUCTION DETAILS

REVISIONS

NO.	DATE	DESCRIPTION
	#	#
#	#	#
#	#	#
#	#	#
#	#	#

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
(V) 210.227.2246
(TX REG. F-1114)

COVER_SHEET

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

JOB NO.	5835.005
DESIGNED BY:	PILLAR
DRAWN BY:	PILLAR
CHECKED BY:	XX
DATE:	APRIL 25, 2022

SHEET: AS-01

FULL PATH: D:\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\AS-01 (Cover)

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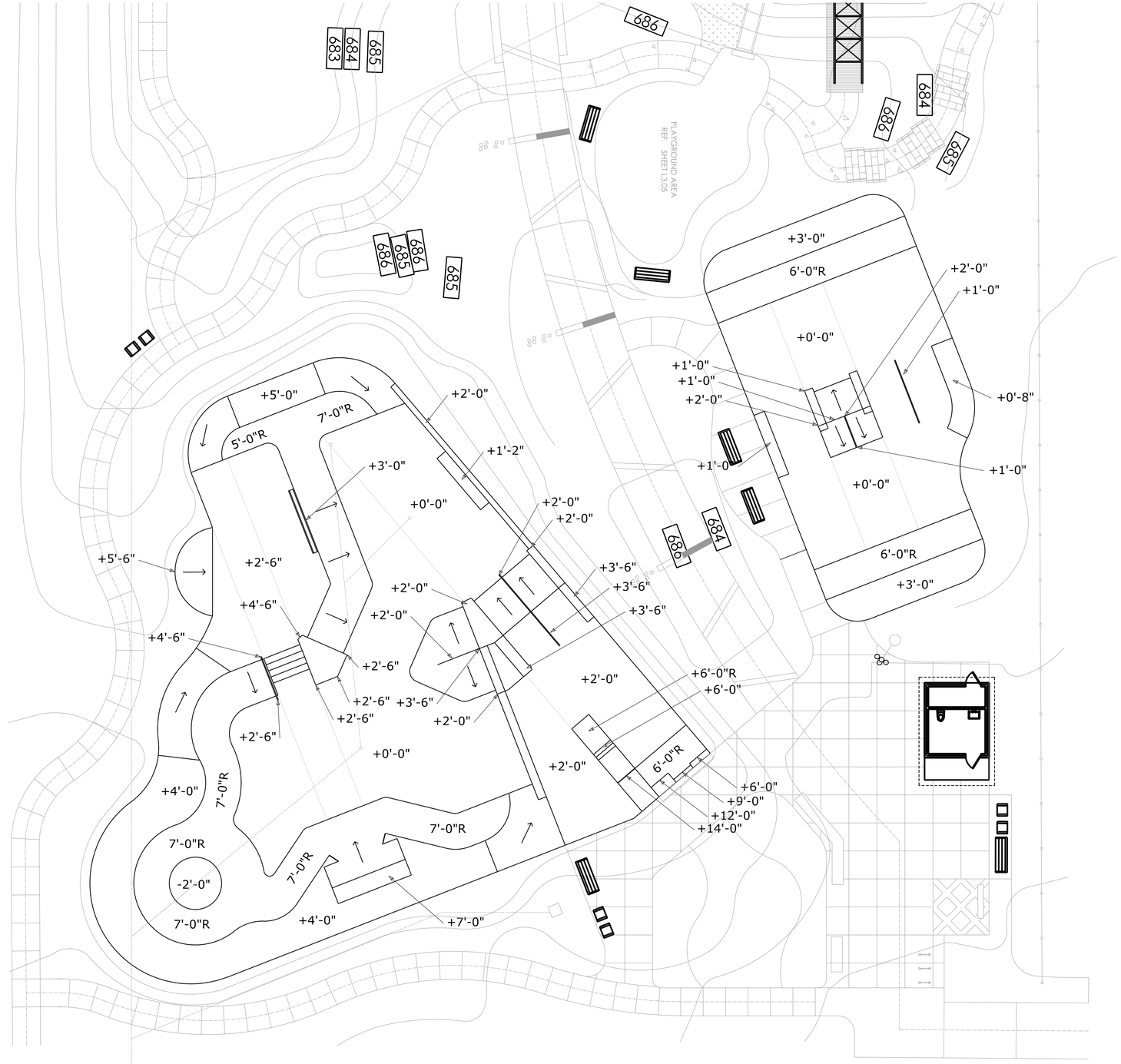
PLOTTED BY: Owner
PLOTTED ON: Thursday, April 14, 2022
PLOTTED AT: 9:52:32 AM
PLOTTED WITH: Canon GP400.pc3



LEGEND

SYMBOL	DESCRIPTION	DETAIL(S)
?'-?"R	RADIUS OF THE TRANSITION	AS-15 / 1
→	BANK	AS-15 / 2
———	FINISH GRADE CONTOUR	AS-06

NOTES

1. ALL ELEVATIONS ARE BASED ON AN ASSUMED ELEVATION OF 0'-0", AND ARE USED TO DEMONSTRATE OVERALL TERRAIN ELEVATIONS ONLY. REFER TO SURFACE GRADING & DRAINAGE PLAN FOR ACTUAL ELEVATIONS.

NORTH

0'-0" 10'-0" 20'-0" 30'-0"

SCALE: 1" = 10'-0"

REVISIONS

NO.	DATE	DESCRIPTION
	#	#
#	#	#
#	#	#
#	#	#
#	#	#

MASTER_PLAN

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
(w) 210.224.2446
(TX REG. F-1114)

JOB NO.	5835.005
DESIGNED BY:	PILLAR
DRAWN BY:	PILLAR
CHECKED BY:	XX
DATE:	APRIL 25, 2022
SHEET:	AS-02

FULL PATH: D:\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\AS-02 [Master Plan]

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PLOTTED ON: Thursday, April 14, 2022
PLOTTED AT: 9:13:25 AM
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PLOTTED ON: Thursday, April 14, 2022
PLOTTED AT: 9:16:56 AM
PLOTTED WITH: Canon GP400.pc3

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3D GRAPHICS ARE FOR REFERENCE ONLY.

3_DIMENSIONAL_IMAGES

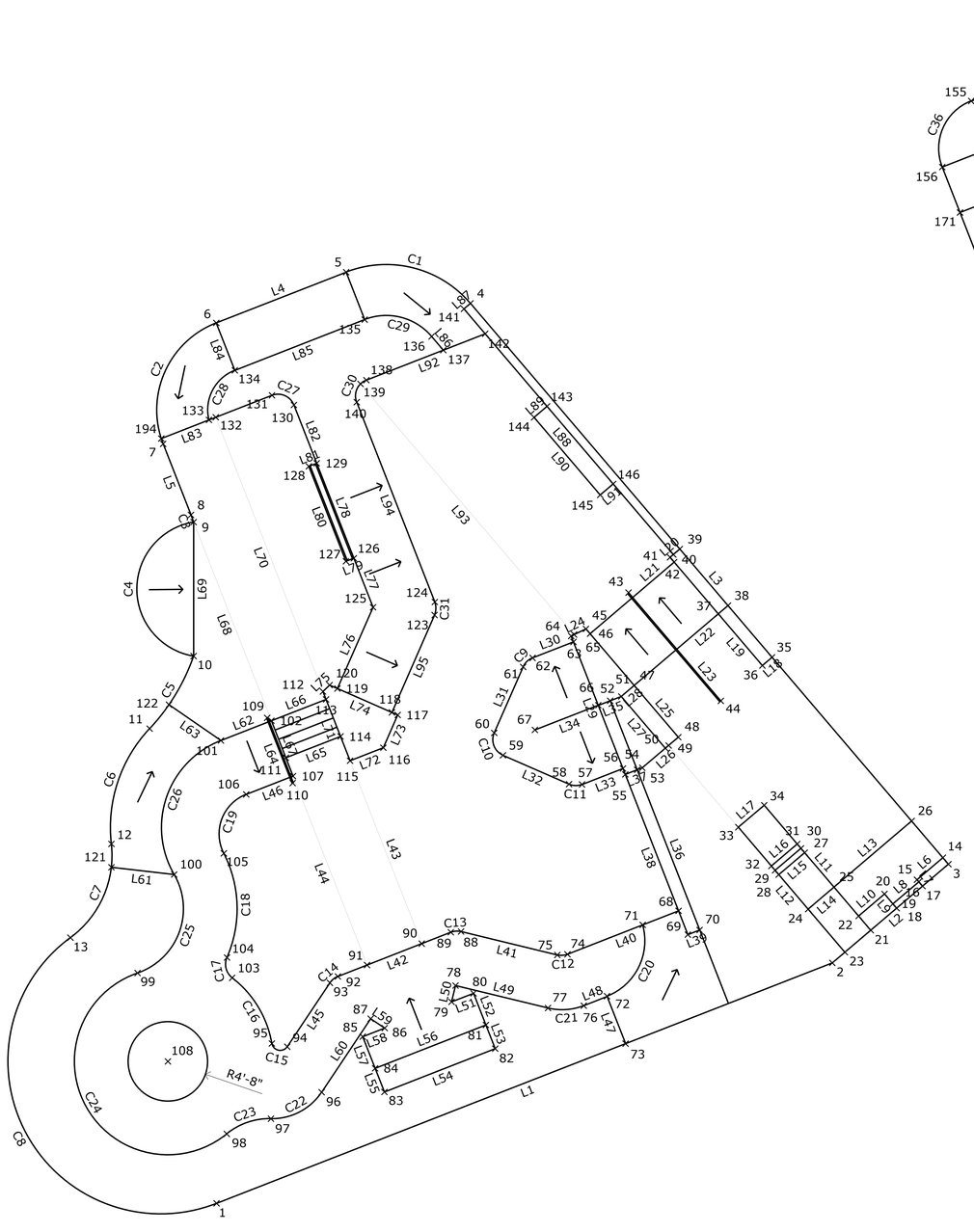
BERKLEY V. AND VINCENT M.
DAWSON PARK

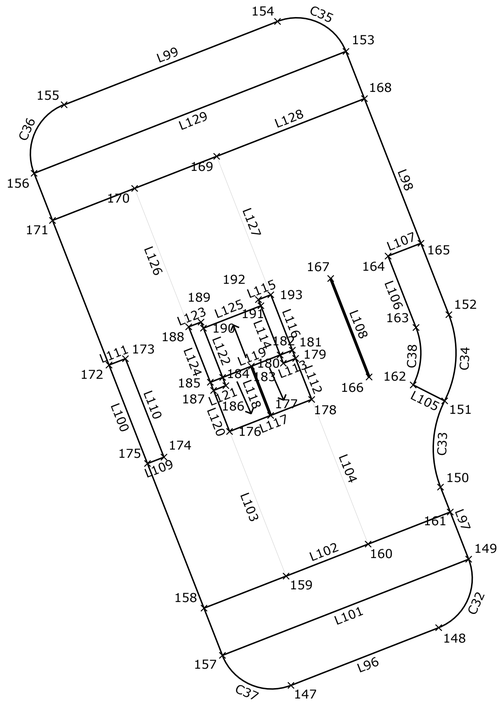
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG. F-1114)

REVISIONS		
NO.	DATE	DESCRIPTION
	#	#
#	#	#
#	#	#
#	#	#
#	#	#

SHEET: AS-03
DATE: APRIL 25, 2022
CHECKED BY: XX
DRAWN BY: PILLAR
DESIGNED BY: PILLAR
JOB NO. 5835.005





NOTES

1. COORDINATE VALUES SHOWN ARE INTENDED FOR HORIZONTAL POSITIONING AND DIMENSION CLARIFICATION ONLY. ALL POINTS SET IN THE FIELD FROM THESE VALUES SHALL FIRST BE CHECKED BY THE CONTRACTOR TO ENSURE THAT THE LOCATION IS CONSISTENT WITH THE DIMENSIONS AND GRAPHIC LOCATIONS SHOWN WITHIN THE APPROVED CONSTRUCTION DOCUMENTS. IN THE CASE OF A DISCREPANCY WITH ANY COORDINATE VALUE SHOWN, THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY THE ACTION SPORTS DESIGNER PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITY THAT MAY BE AFFECTED.
2. UPON REQUEST PILLAR DESIGN STUDIOS WILL PROVIDE THE CONTRACTOR/ SURVEYOR WITH A DIGITAL FILE CONTAINING THE POINT INFORMATION FOR THIS PROJECT.
3. ALL COORDINATES SHOWN AT THE BOTTOM OF ALL BANKS/ TRANSITIONS ARE LOCATED AT THE TANGENT.
4. BECAUSE OF THE SCALE OF THIS DRAWING AND PROXIMITY OF FEATURES TO EACH OTHER, THE LOCATION OF SOME OF THE POINTS MAY BE OBSCURED. REFER TO THE POINT TABLE(S) FOR THE ACTUAL LOCATIONS FOR ALL POINTS.

NORTH

0'-0" 8'-0" 16'-0" 24'-0"

SCALE: 1" = 8'-0"

REVISIONS

NO.	DATE	DESCRIPTION
#	#	#
#	#	#
#	#	#
#	#	#
#	#	#

HORIZONTAL_CONTROL_PLAN

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.281.5246
TX REG. F-1114

JOB NO.	5835.005
DESIGNED BY:	PILLAR
DRAWN BY:	PILLAR
CHECKED BY:	XX
DATE:	APRIL 25, 2022
SHEET:	AS-04

FILE PATH: D:\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\AS-04 (Horizontal Control Plan)

PILLAR
PLOTTED BY: Drew
PLOTTED ON: Monday, April 14, 2022
PLOTTED AT: 7:23:21 AM
PLOTTED WITH: Default.ctb

POINT TABLE		
POINT	NORTHING	EASTING
1	13706688.8609	2135395.4937
2	13706717.1661	2135467.9566
3	13706728.8005	2135481.6144
4	13706794.8258	2135425.3707
5	13706798.5047	2135410.7446
6	13706792.5338	2135395.4587
7	13706778.2854	2135389.2149
8	13706769.9215	2135392.4819
9	13706769.0774	2135392.7936
10	13706753.3012	2135392.7936
11	13706744.7571	2135387.6193
12	13706731.1819	2135383.1203
13	13706720.1401	2135378.2968
14	13706729.5617	2135480.9660
15	13706726.9679	2135477.9210
16	13706726.7167	2135478.1350
17	13706726.2066	2135478.5695
18	13706723.6128	2135475.5245
19	13706724.1228	2135475.0900
20	13706725.2875	2135474.0979
21	13706721.0189	2135472.4795
22	13706722.6936	2135471.0529
23	13706718.4250	2135469.4345
24	13706723.5025	2135465.1093
25	13706726.0964	2135468.1542
26	13706733.8780	2135477.2892
27	13706730.1538	2135464.6979
28	13706727.5600	2135461.6529
29	13706728.0700	2135461.2185
30	13706730.6639	2135464.2634
31	13706731.1739	2135463.8290
32	13706728.5800	2135460.7840
33	13706733.1475	2135456.8932
34	13706735.7413	2135459.9382
35	13706753.1571	2135460.8662
36	13706752.1844	2135459.7243
37	13706758.2743	2135454.5366
38	13706759.2470	2135455.6785
39	13706765.9079	2135450.0044
40	13706765.2595	2135449.2432
41	13706764.9352	2135448.8625
42	13706764.3643	2135449.3489
43	13706760.7721	2135443.9754
44	13706748.0212	2135454.8372
45	13706756.5052	2135438.9664
46	13706755.9342	2135439.4527
47	13706749.8443	2135444.6405
48	13706743.7543	2135449.8282
49	13706742.7816	2135448.6863
50	13706742.4574	2135448.3057
51	13706748.5474	2135443.1180
52	13706748.0362	2135441.8131
53	13706740.1459	2135445.5922
54	13706739.9097	2135444.9874
55	13706739.3639	2135443.5902
56	13706740.0625	2135443.3174
57	13706738.1809	2135438.5002
58	13706738.2120	2135436.9698
59	13706741.6177	2135429.1980
60	13706744.2522	2135428.1689
61	13706752.0241	2135431.5746
62	13706753.0842	2135432.6787
63	13706754.9659	2135437.4959
64	13706755.6645	2135437.2230
65	13706755.8316	2135437.5696
66	13706747.5142	2135440.4066
67	13706744.6035	2135432.9549
68	13706723.2962	2135449.8665
69	13706720.5019	2135450.9581
70	13706721.0406	2135452.3373
71	13706721.6459	2135445.6415
72	13706713.2513	2135441.4440
73	13706707.6626	2135443.6271
74	13706718.1884	2135436.7901
75	13706718.1079	2135435.5900
76	13706712.1397	2135438.7026
77	13706711.8580	2135434.5022
78	13706714.5047	2135423.6149
79	13706712.5769	2135423.1490
80	13706713.5889	2135425.7348
81	13706709.8637	2135427.1900
82	13706707.0694	2135428.2836
83	13706701.9670	2135415.2465
84	13706704.7606	2135414.1531
85	13706708.4865	2135412.6978
86	13706709.4966	2135415.2787
87	13706710.5980	2135413.6249
88	13706720.8610	2135424.2651
89	13706720.7800	2135423.0638
90	13706719.4369	2135419.6320
91	13706716.9203	2135413.2020
92	13706715.5767	2135409.7689
93	13706714.8229	2135408.8332
94	13706707.2970	2135403.8210
95	13706707.6817	2135402.0032
96	13706701.9435	2135407.8609
97	13706698.8250	2135401.8981
98	13706697.0363	2135396.6982
99	13706715.9794	2135386.1931
100	13706727.5764	2135390.5074
101	13706743.3637	2135396.0075
102	13706745.6847	2135401.9492
103	13706715.4173	2135397.3383
104	13706717.8038	2135396.7257
105	13706730.0758	2135396.3526

POINT TABLE		
POINT	NORTHING	EASTING
106	13706737.0114	2135398.9842
107	13706739.1645	2135404.4961
108	13706705.5749	2135389.7632
109	13706746.0285	2135401.4553
110	13706738.3440	2135404.4570
111	13706741.3255	2135403.6520
112	13706749.1286	2135408.0175
113	13706748.1972	2135408.3814
114	13706743.8379	2135410.0842
115	13706740.9784	2135411.2012
116	13706742.5102	2135415.1227
117	13706746.3664	2135416.8126
118	13706746.6674	2135416.1256
119	13706749.4769	2135409.7142
120	13706749.8783	2135408.7983
121	13706728.4332	2135383.1185
122	13706747.5757	2135389.8922
123	13706758.1333	2135421.1501
124	13706759.6637	2135421.1812
125	13706759.0460	2135413.9075
126	13706764.8234	2135411.6507
127	13706764.4595	2135410.7192
128	13706775.6370	2135406.3531
129	13706776.0009	2135407.2846
130	13706782.8681	2135404.6021
131	13706784.0033	2135402.0115
132	13706781.4220	2135395.4032
133	13706781.1090	2135394.6019
134	13706786.9450	2135397.6417
135	13706792.9159	2135412.9276
136	13706790.9350	2135420.8032
137	13706789.3244	2135422.1752
138	13706785.7887	2135413.1235
139	13706785.3378	2135412.4348
140	13706783.1981	2135411.9883
141	13706794.1773	2135424.6094
142	13706791.2495	2135427.1035
143	13706782.7051	2135434.3820
144	13706781.4082	2135432.8595
145	13706772.2733	2135440.6411
146	13706773.5702	2135442.1636
147	13706752.7566	2135510.0387
148	13706759.3057	2135526.8050
149	13706767.0776	2135530.2107
150	13706775.2589	2135527.0150
151	13706785.0455	2135527.4865
152	13706794.8321	2135527.9580
153	13706824.7116	2135516.2866
154	13706828.1173	2135508.5148
155	13706818.6574	2135484.2968
156	13706810.8856	2135480.8911
157	13706756.1623	2135502.2669
158	13706761.5182	2135500.1748
159	13706765.1566	2135509.4894
160	13706768.7950	2135518.8040
161	13706772.4335	2135528.1186
162	13706786.8524	2135523.9178
163	13706793.3768	2135524.2322
164	13706801.4833	2135521.0656
165	13706802.9387	2135524.7915
166	13706787.7589	2135518.9115
167	13706798.9364	2135514.5454
168	13706819.3557	2135518.3787
169	13706812.8065	2135501.6124
170	13706809.1681	2135492.2978
171	13706805.5297	2135482.9832
172	13706789.1127	2135489.3960
173	13706789.8404	2135491.2589
174	13706778.6628	2135495.6250
175	13706777.9352	2135493.7621
176	13706781.5736	2135503.0767
177	13706783.3928	2135507.7340
178	13706785.2120	2135512.3913
179	13706789.8693	2135510.5721
180	13706789.3236	2135509.1749
181	13706790.8008	2135510.2082
182	13706790.2550	2135508.8110
183	13706788.9816	2135505.5509
184	13706787.7081	2135502.2908
185	13706787.1623	2135500.8936
186	13706786.7767	2135502.6547
187	13706786.2309	2135501.2575
188	13706793.4497	2135498.4377
189	13706793.9955	2135499.8349
190	13706793.2969	2135500.1078
191	13706795.8438	2135506.6280
192	13706796.5424	2135506.3551
193	13706797.0881	2135507.7523
194	13706778.9169	2135388.9901

LINE TABLE		
LINE	LENGTH	BEARING
L1	77.79'	N68°39'49"E
L2	17.94'	N49°34'26"E
L3	86.73'	N40°25'34"W
L4	16.41'	S68°39'49"W
L5	8.98'	S21°20'11"E
L6	4.00'	N49°34'26"E
L7	1.00'	N40°25'34"W
L8	4.00'	N49°34'26"E
L9	2.20'	N40°25'34"W
L10	4.00'	N49°34'26"E
L11	19.34'	S40°25'34"E
L12	19.34'	S40°25'34"E
L13	12.00'	N49°34'26"E
L14	4.00'	S49°34'26"W
L15	4.00'	N49°34'26"E
L16	4.00'	N49°34'26"E
L17	4.00'	N49°34'26"E
L18	1.50'	N49°34'26"E
L19	16.75'	N40°25'34"W
L20	1.50'	N49°34'26"E
L21	13.00'	N49°34'26"E
L22	13.00'	N49°34'26"E
L23	16.75'	S40°25'34"E
L24	1.94'	S64°15'22"W
L25	16.75'	S40°25'34"E
L26	5.56'	N49°34'26"E
L27	8.00'	S40°25'34"E
L28	2.00'	S49°34'26"W
L29	17.50'	N21°20'11"W
L30	5.17'	N68°39'49"E
L31	8.49'	S23°39'49"W
L32	8.49'	S66°20'11"E
L33	5.17'	N68°39'49"E
L34	8.00'	N68°39'49"E
L35	2.90'	S68°36'28"W
L36	38.27'	N21°20'11"W
L37	2.15'	N68°39'49"E
L38	20.25'	S21°20'11"E
L39	1.48'	N68°39'49"E
L40	14.04'	N68°39'49"E
L41	11.65'	S76°20'11"E
L42	14.28'	N68°37'32"E
L43	23.13'	S21°22'28"E
L44	23.89'	S21°22'28"E
L45	9.04'	N33°39'49"E
L46	5.92'	N68°39'49"E
L47	5.96'	N21°20'11"W
L48	2.96'	N68°39'49"E
L49	11.20'	N76°20'11"W
L50	1.98'	N13°35'16"E
L51	2.78'	N68°37'32"E
L52	4.00'	S21°20'11"E
L53	3.00'	S21°22'28"E
L54	14.00'	N68°37'32"E
L55	3.00'	S21°22'28"E
L56	14.00'	N68°37'32"E
L57	4.00'	S21°20'11"E
L58	2.77'	N68°37'32"E
L59	1.99'	N56°20'11"W
L60	10.40'	N33°39'49"E
L61	7.44'	N83°23'08"W
L62	6.38'	N68°39'49"E
L63	7.43'	N55°26'32"W
L64	8.25'	S21°20'11"E
L65	6.91'	S68°39'49"W
L66	6.91'	S68°39'49"W
L67	7.00'	S21°20'11"E
L68	25.12'	N21°22'30"W
L69	15.78'	N00°00'00"W
L70	34.67'	N21°20'11"W
L71	8.75'	S21°20'11"E
L72	4.21'	N68°39'49"E
L73	4.21'	S23°39'49"W
L74	8.75'	S66°20'11"E
L75	1.08'	N46°09'49"E
L76	10.45'	S23°39'49"W
L77	6.20'	S21°20'11"E
L78	12.00'	S21°20'11"E
L79	1.00'	N68°39'49"E
L80	12.00'	S21°20'11"E
L81	1.00'	N68°39'49"E
L82	7.37'	S21°20'11"E
L83	13.98'	S68°39'49"W
L84	6.00'	S21°20'11"E
L85	16.41'	S68°39'49"W
L86	2.12'	N40°25'34"W
L87	1.00'	N49°34'26"E
L88	37.99'	N40°25'34"W
L89	2.00'	N49°34'26"E
L90	12.00'	N40°25'34"W
L91	2.00'	S49°34'26"W
L92	15.01'	S68°39'49"W
L93	38.76'	S40°25'34"E
L94	25.27'	S21°20'11"E
L95	12.52'	S23°39'49"W
L96	18.00'	S68°39'49"W
L97	8.78'	S21°20'11"E
L98	32.08'	S21°20'11"E
L99	26.00'	N68°39'49"E
L100	58.75'	N21°20'11"W
L101	30.00'	N68°39'49"E
L102	30.00'	N68°39'49"E
L103	17.62'	S21°20'11"E
L104	17.63'	S21°20'11"E
L105	4.00'	S63°08'48"E

LINE TABLE		
LINE	LENGTH	BEARING
L106	8.70'	N21°20'11"W
L107	4.00'	N68°39'49"E
L108	12.00'	N21°20'11"W
L109	2.00'	S68°39'49"W
L110	12.00'	S21°20'11"E
L111	2.00'	S68°39'49"W
L112	5.00'	N21°20'11"W
L113	1.50'	S68°39'49"W
L114	7.75'	N21°20'11"W
L115	1.50'	S68°39'49"W
L116	7.75'	N21°20'11"W
L117	10.00'	S68°39'49"W
L118	6.00'	S21°20'11"E
L119	7.00'	S68°39'49"W
L120	5.00'	N21°20'11"W
L121	1.50'	S68°39'49"W
L122	7.75'	N21°20'11"W
L123	1.50'	S68°39'49"W
L124	7.75'	N21°20'11"W
L125	7.00'	S68°39'49"W
L126	16.88'	N21°20'11"W
L127	16.88'	N21°20'11"W
L128	38.00'	S68°39'49"W
L129	38.00'	S68°39'49"W

CURVE TABLE						
CURVE	DELTA ANGLE	TANGENT	RADIUS	LENGTH	CORD	CORD BEARING
C1	70°54'37"	9.26'	13.00'	16.09'	15.08'	N75°52'52"W
C2	90°00'00"	11.00'	11.00'	17.28'	15.56'	S23°39'49"W
C3	2°08'54"	0.45'	24.00'	0.90'	0.90'	N20°15'44"W
C4	160°48'43"	47.33'	8.00'	22.45'	15.78'	S00°00'00"E
C5	24°01'19"	5.11'	24.00'	10.06'	9.99'	N31°11'57"E
C6	49°44'54"	7.88'	17.00'	14.76'	14.30'	S18°20'09"W
C7	60°16'20"	6.97'	12.00'	12.62'	12.05'	N23°35'52"E
C8	165°04'13"	137.37'	18.00'	51.86'	35.69'	S28°48'05"E
C9	45°00'00"	0.83'	2.00'	1.57'	1.53'	S46°09'49"W
C10	90°00'00"	2.00'	2.00'	3.14'	2.83'	S21°20'11"E
C11	45°00'00"	0.83'	2.00'	1.57'	1.53'	S88°50'11"E
C12	35°00'00"	0.63'	2.00'	1.22'	1.20'	N86°09'49"E
C13	35°02'16"	0.63'	2.00'	1.22'	1.20'	S86°08'41"W
C14	34°57'44"	0.63'	2.00'	1.22'	1.20'	S51°08'41"W
C15	136°34'12"	2.51'	1.00'	2.38'	1.86'	S78°03'05"E
C16	42°39'02"	4.85'	12.42'	9.25'	9.03'	N31°05'30"W
C17	76°02'29"	1.56'	2.00'	2.65'	2.46'	S14°23'47"E
C18	50°43'52"	6.79'	14.33'	12.69'	12.28'	N01°44'29"W
C19	95°46'14"	5.53'	5.00'	8.36'	7.42'	S20°46'42"W
C20	84°11'41"	6.32'	7.00'	10.29'	9.39'	N26°33'58"E
C21	35°00'00"	2.21'	7.00'	4.28'	4.21'	N86°09'49"E
C22	57°27'20"	3.84'	7.00'	7.02'	6.73'	N62°23'29"E
C23	40°12'10"	2.93'	8.00'	5.61'	5.50'	S71°01'04"W
C24	200°08'42"	61.93'	11.00'	38.43'	21.66'	S29°00'40"E
C25	101°18'36"	9.76'	8.00'	14.15'	12.37'	N20°24'23"E
C26	98°54'44"	12.86'	11.00'	18.99'	16.72'	S19°12'27"W
C27	90°00'00"	2.00'	2.00'	3.14'	2.83'	N66°20'11"W
C28	82°17'57"	4.37'	5.00'	7.18'	6.58'	S27°30'50"W
C29	70°54'37"	4.98'	7.00'	8.66'	8.12'	N75°52'52"W
C30	90°00'00"	2.00'	2.00'	3.14'	2.83'	S23°39'49"W
C31	45°00'00"	0.83'	2.00'	1.57'	1.53'	N01°09'49"E
C32	90°00'00"	6.00'	6.00'	9.42'	8.49'	N23°39'49"E
C33	48°11'23"	5.37'	12.00'	10.09'	9.80'	S02°45'30"W
C34	48°11'23"	5.37'	12.00'	10.09'	9.80'	N02°45'30"E
C35	90°00'00"	6.00'	6.00'	9.42'	8.49'	N66°20'11"W
C36	90°00'00"	6.00'	6.00'	9.42'	8.49'	S23°39'49"W
C37	90°00'00"	6.00'	6.00'	9.42'	8.49'	S66°20'11"E
C38	48°11'23"	3.58'	8.00'	6.73'	6.53'	N02°45'30"E

REVISIONS

NO.	DATE	DESCRIPTION
	#	#
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#	#	#
#	#	#

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
(210) 227-2646
(TX REG. F-1114)

HORIZONTAL_CONTROL_POINTS

BERKLEY V. AND VINCENT M.
DAWSON PARK
SAN ANTONIO, TEXAS

JOB NO.	5835.005
DESIGNED BY:	PILLAR
DRAWN BY:	PILLAR
CHECKED BY:	XX
DATE:	APRIL 25, 2022
SHEET:	AS-05

FULL PATH: D:\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\D\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\AS-05 (Horizontal Control Points)

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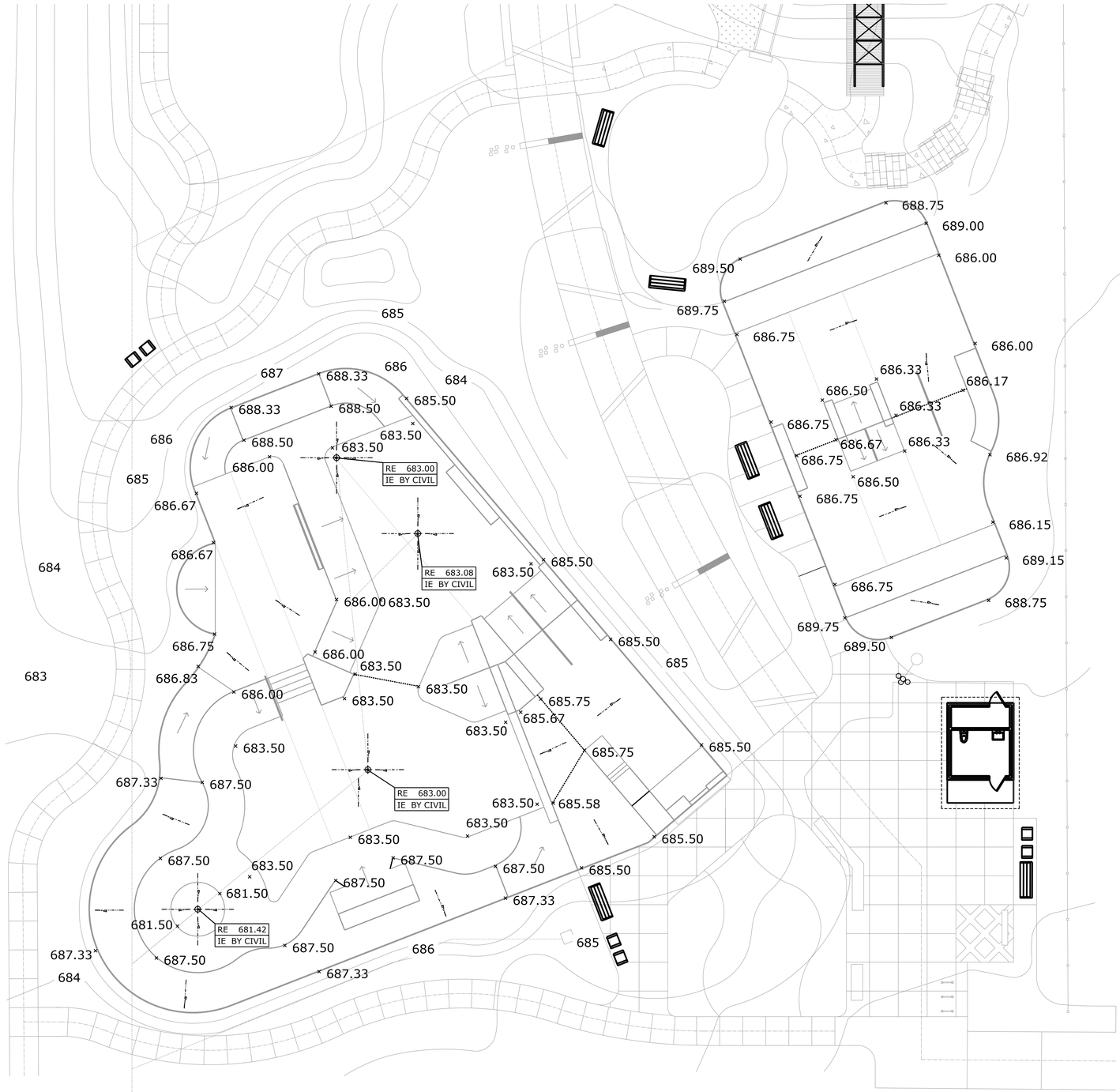
PLOTTED ON: April 14, 2022
PLOTTED AT: 9:21:05 AM
PLOTTED WITH: Canon GP400.pc3



LEGEND

SYMBOL	DESCRIPTION	DETAIL(S)	QUANTITY
	FINISH GRADE CONTOUR	N/A	N/A
×100.00	TOP OF CONCRETE SPOT ELEVATION	N/A	N/A
	DIRECTION OF SURFACE FLOW, 1.00% MINIMUM SLOPE	N/A	N/A
	GRADE BREAK	N/A	N/A
	6" [15.24cm] ROUND DRAIN INLET	AS-15 / 7	N/A
NOT SHOWN	DRAIN LINE	SEE CIVIL	SEE CIVIL

ABBREVIATIONS

IE	INVERT ELEVATION
RE	RIM ELEVATION

NOTES

1. FINE GRADE ALL AREAS DISTURBED BY CONSTRUCTION OPERATIONS.
2. ALL SPOT ELEVATIONS ARE TOP OF CONCRETE UNLESS OTHERWISE NOTED.
3. MINIMUM SLOPE FOR ALL TOP DECK AND FLATBOTTOM SLABS SHALL BE 1/8" [3.18mm] PER 1'-0" [30.48cm] ≈ 1.00%.
4. THE TOP OF ALL ROUND COPING SHALL BE 3/8" [9.53mm] ABOVE THE TOP OF CONCRETE ELEVATIONS.

NORTH

0'-0" 10'-0" 20'-0" 30'-0"

SCALE: 1" = 10'-0"

REVISIONS

NO.	DATE	DESCRIPTION
	#	#
#	#	#
#	#	#
#	#	#
#	#	#

SURFACE_GRADING_AND_DRAINAGE_PLAN

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
(210) 212-2424
(TX REG. F-1114)

BERKLEY V. AND VINCENT M.
DAWSON PARK
SAN ANTONIO, TEXAS

JOB NO.	5835.005
DESIGNED BY:	PILLAR
DRAWN BY:	PILLAR
CHECKED BY:	XX
DATE:	APRIL 25, 2022
SHEET:	AS-06

FULL PATH: D:\Dropbox\Pillar Projects\San Antonio, TX\Dawson Park\2)Drawings\2\ Dropbox\Pillar Projects\San Antonio, TX\ (Dawson Park)\2)Drawings\AS-06 [Surface Grading And Drainage]
PLOTTED BY: Owner
PLOTTED ON: April 14, 2022
PLOTTED AT: 11:25:55 AM
PLOTTED WITH: Canon GP460.pc3

LEGEND

SYMBOL	DESCRIPTION	DETAIL(S)	COLOR	FINISH
	2" [6.03cm] ROUND STEEL PIPE	AS-14 / 1	T.B.D.	PAINTED
	2" [5.08cm] X 2" [5.08cm] SQUARE STEEL TUBE	AS-16 / 2 & 3 AS-14 / 3	T.B.D.	PAINTED
	2" [5.08cm] X 2" [5.08cm] X ¼" BENT STEEL - ANGLE IRON	AS-16 / 5	T.B.D.	PAINTED
	3/8" STEEL PLATE	AS-16 / 6	T.B.D.	PAINTED
	C STEEL CHANNEL	AS-16 / 4	T.B.D.	PAINTED

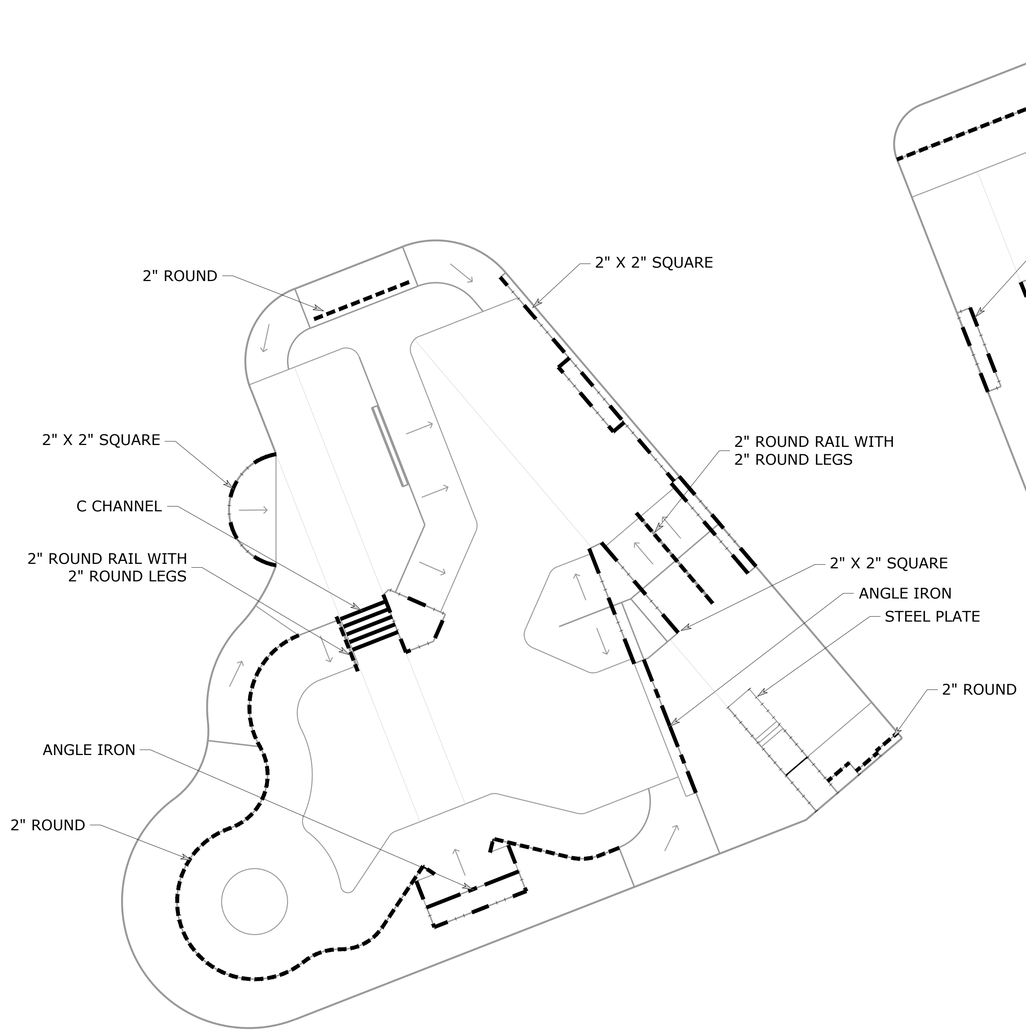
NOTES

1. ALL COPING/RAIL SIZES ARE NOMINAL, REFER TO THE STEEL SHAPES CHART FOR THE ACTUAL DIMENSIONS.

SPECIALTY CONSTRUCTION

1. THE FOLLOWING ITEMS HAVE BEEN DEEMED SPECIALTY CONSTRUCTION WORK WITHIN THE CONTRACT DOCUMENTS AND WRITTEN SPECIFICATIONS:
   SHOTCRETE PLACEMENT, CUTTING, SCULPTING AND FINISH.
   COPING/RAIL INSTALLATION CONSISTING OF SETTING HORIZONTAL LOCATIONS AND VERTICAL ELEVATIONS.

2. ALL WORK RELATED TO THE SPECIALTY CONSTRUCTION OF THE ACTION SPORTS FACILITY SHALL BE COORDINATED WITH THE ACTION SPORTS DESIGNER, AND THE PRE-QUALIFIED ACTION SPORTS SPECIALTY CONTRACTOR, PRIOR TO THE START OF CONSTRUCTION.



NORTH

0'-0" 10'-0" 20'-0" 30'-0"

SCALE: 1" = 10'-0"

REVISIONS

NO.	DATE	DESCRIPTION
#	#	#
#	#	#
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COPING_PLAN

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
TBPELS: F-11164

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

JOB NO.	5835.005
DESIGNED BY:	PILLAR
DRAWN BY:	PILLAR
CHECKED BY:	XX
DATE:	APRIL 25, 2022
SHEET:	AS-07

FULL PATH: D:\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\AS-07 (Coping)

PILLAR
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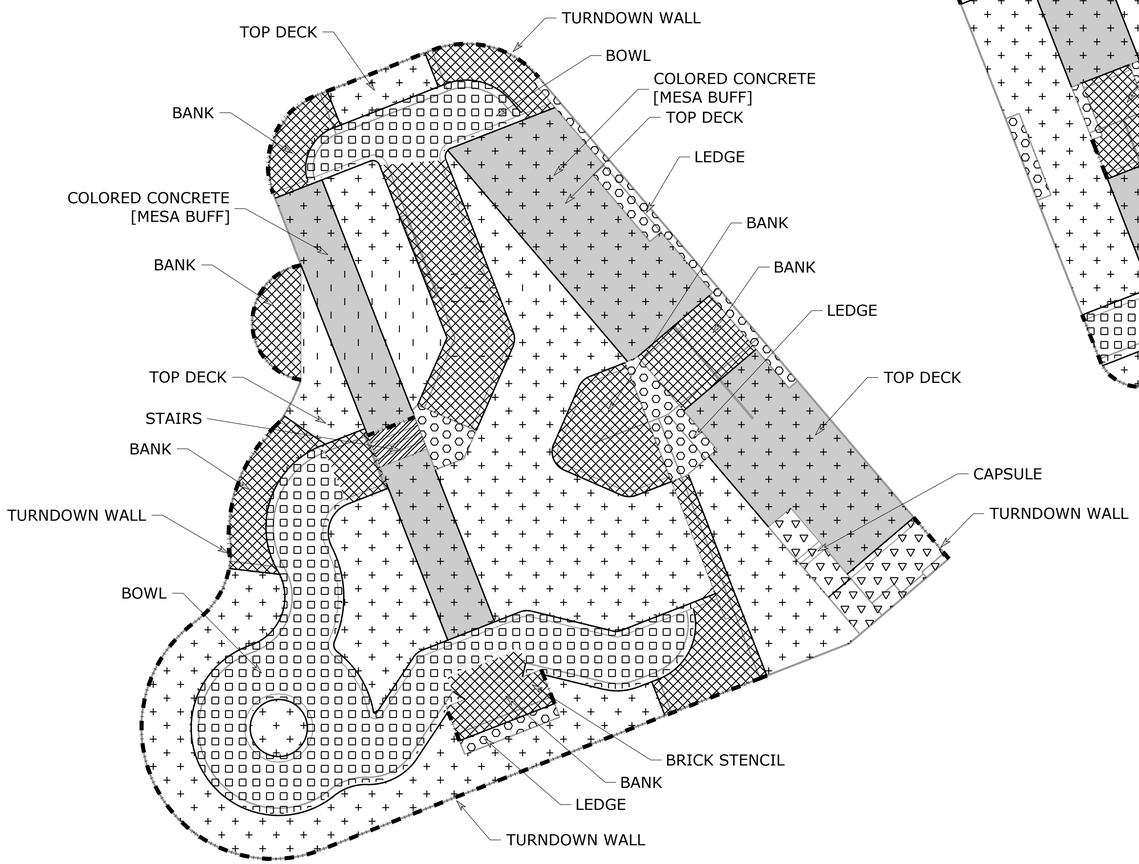
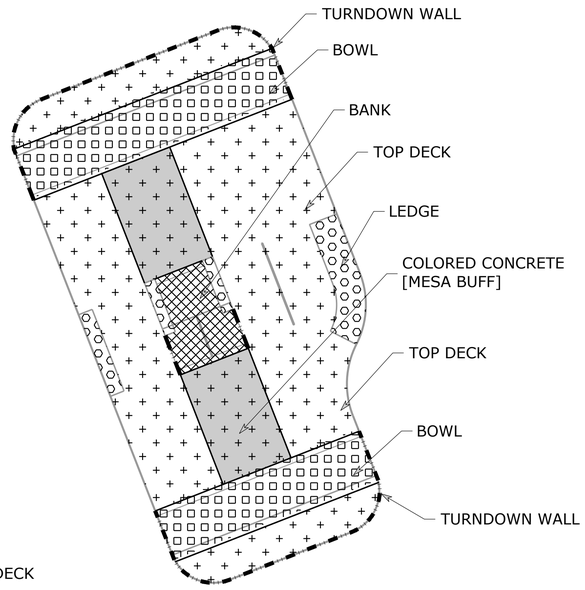
PLOTTED ON: Monday, April 04, 2022
PLOTTED AT: 11:45:56 AM
PLOTTED WITH: ctb\monochrome.ctb





LEGEND

SYMBOL	DESCRIPTION	DETAIL(S)	COLOR	FINISH
	4" [10.16cm] CONCRETE TOP DECK	AS-15 / 4	NATURAL GRAY	SMOOTH TROWEL
	CONCRETE GRIND LEDGES	AS-16 / 2 & 3	NATURAL GRAY	SMOOTH TROWEL
	6" [15.24cm] SHOTCRETE BANKS	AS-15 / 2	NATURAL GRAY	SMOOTH TROWEL
	6" [15.24cm] SHOTCRETE BOWLS	AS-15 / 1	NATURAL GRAY	SMOOTH TROWEL
	CONCRETE TURNDOWN WALL	AS-16 / 1	NATURAL GRAY	SMOOTH TROWEL
	CAPSULE	AS-16 / 7	NATURAL GRAY	SMOOTH TROWEL
	COLD JOINT (C.J.)	AS-17	N/A	N/A
	DAVIS COLOR - MESA BUFF 2 LBS 5447	SEE SPEC	MESA BUFF	SMOOTH TROWEL
	RUNNUING BRICK STENCIL	SEE SPEC	T.B.D.	TROWEL

CONSTRUCTION SEQUENCE

1. HANG STEEL COPING AND CONSTRUCT CONCRETE FORMS.
2. POUR CONCRETE FOR LEDGES AND STAIRS
3. PLACE AND SHAPE SHOTCRETE, USING THE COPING AND FORMS TO GUIDE PLACEMENT.
4. POUR CONCRETE FOR TOP DECKS AND FLATBOTTOMS.

SPECIALTY CONSTRUCTION

1. THE FOLLOWING ITEMS HAVE BEEN DEEMED SPECIALTY CONSTRUCTION WORK WITHIN THE CONTRACT DOCUMENTS AND WRITTEN SPECIFICATIONS:
   SHOTCRETE PLACEMENT, CUTTING, SCULPTING AND FINISH.
   COPING/RAIL INSTALLATION CONSISTING OF SETTING HORIZONTAL LOCATIONS AND VERTICAL ELEVATIONS.
2. ALL WORK RELATED TO THE SPECIALTY CONSTRUCTION OF THE ACTION SPORTS FACILITY SHALL BE COORDINATED WITH THE ACTION SPORTS DESIGNER, AND THE PRE-QUALIFIED ACTION SPORTS SPECIALTY CONTRACTOR, PRIOR TO THE START OF CONSTRUCTION.

NORTH

0'-0" 10'-0" 20'-0" 30'-0"

SCALE: 1" = 10'-0"

REVISIONS			
NO.	DATE	DESCRIPTION	
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CONCRETE_PLAN

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
(w) 210.227.3674
(TX REG. F-1114)

JOB NO.	5835.005
DESIGNED BY:	PILLAR
DRAWN BY:	PILLAR
CHECKED BY:	XX
DATE:	APRIL 25, 2022
SHEET:	AS-08

FULL PATH: D:\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\D:\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\AS-08 (Concrete)

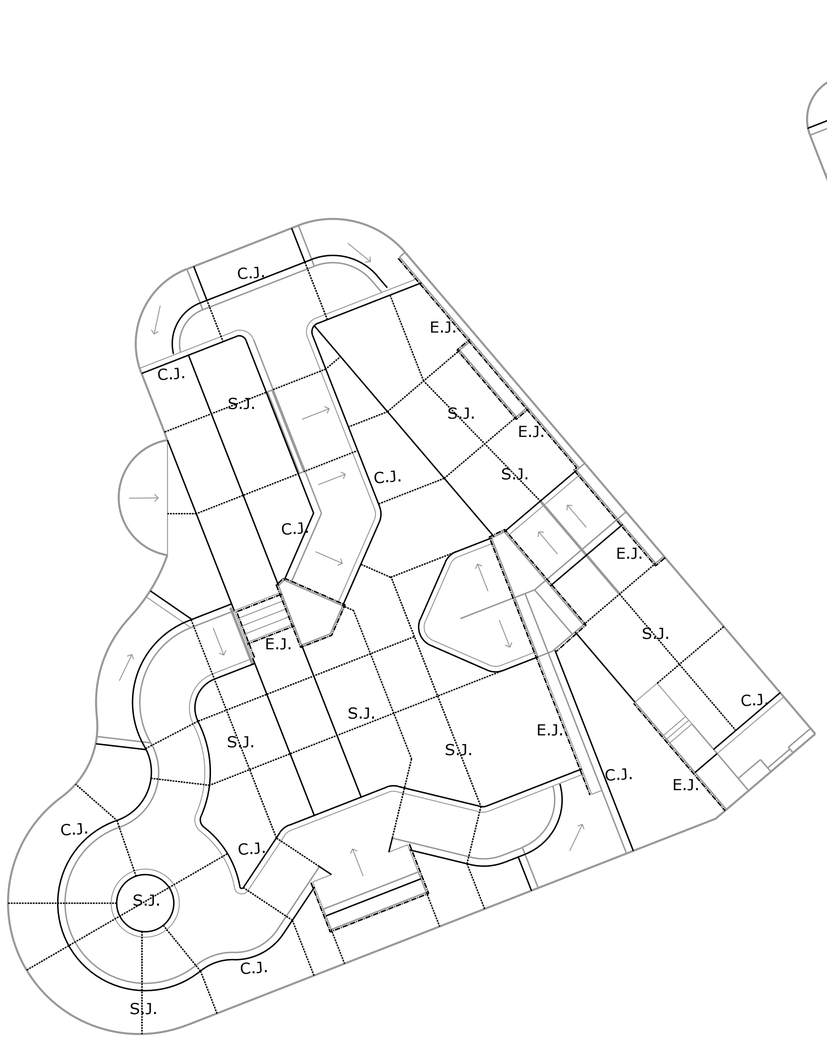
PLOT:
PLOTTED BY: Owner
PLOTTED ON: April 14, 2022
PLOTTED AT: 13:20:51 PM
PLOTTED WITH: Canon GP40pc3

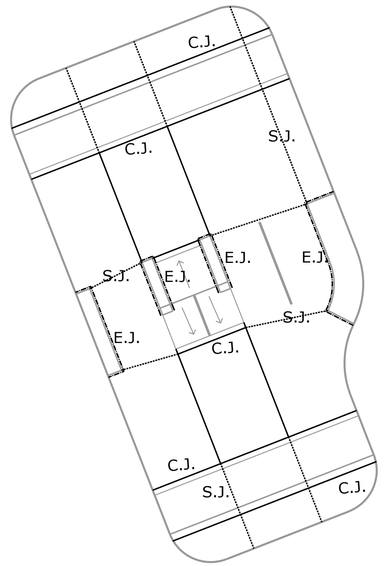
LEGEND

SYMBOL	DESCRIPTION	DETAIL(S)
————	COLD JOINT (C.J.)	AS-17 / 1, 2, 3 & 4
- - - - - -	EXPANSION JOINT (E.J.)	AS-17 / 5 & 6
.....	SAWCUT JOINT (S.J.)	AS-17 / 7 & 8

NOTES

1. THE JOINTING PLAN IS DIAGRAMMATIC ONLY.
2. CONTRACTOR SHALL SNAP CHALK LINES FOR ALL SAW-CUT JOINTS FOR REVIEW BY THE ACTION SPORTS DESIGNER PRIOR TO CUTTING JOINTS.





NORTH

0'-0" 10'-0" 20'-0" 30'-0"

SCALE: 1" = 10'-0"

NO.	DATE	DESCRIPTION
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REVISIONS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
(P) 210.227.2446
(TX REG. F-1114)

JOINTING_PLAN

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

JOB NO.	5835.005
DESIGNED BY:	PILLAR
DRAWN BY:	PILLAR
CHECKED BY:	XX
DATE:	APRIL 25, 2022
SHEET:	AS-09

FULL PATH: D:\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\AS-09 [Jointing]

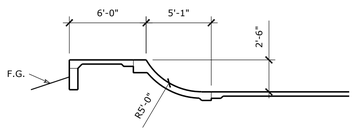
PLOT:
PLOTTED BY: Owner
PLOTTED ON: Thursday, April 14, 2022
PLOTTED AT: 12:56:23 PM
PLOTTED WITH: Canon GP400.pc3

LEGEND

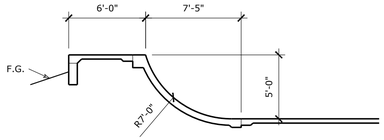
SYMBOL	DESCRIPTION	DETAIL(S)
	CONCRETE/SHOTCRETE	N/A
	SUBGRADE	N/A
F.G.	FINISH GRADE	N/A
	EPS GEO FOAM	SEE SPEC

NOTES

1. REFER TO THE COPING PLAN FOR EDGE TREATMENT LOCATION AND TYPE
2. REFER TO THE HORIZONTAL CONTROL PLAN FOR ACTUAL HORIZONTAL LOCATIONS.
3. REFER TO THE SURFACE GRADING AND DRAINAGE PLAN FOR ACTUAL VERTICAL ELEVATIONS.



SECTION 1



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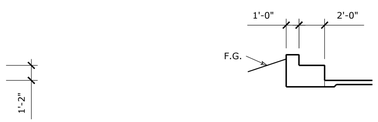

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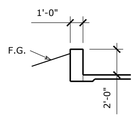

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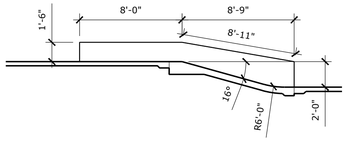

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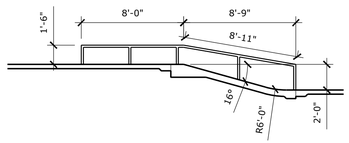

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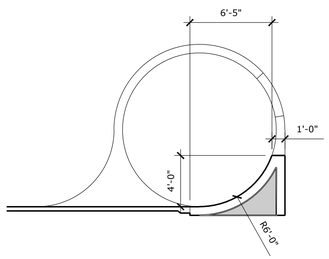

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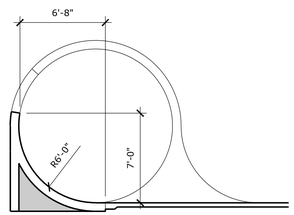

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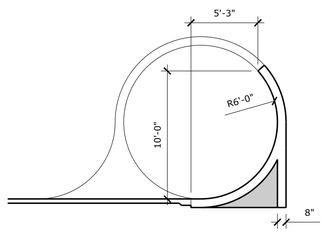

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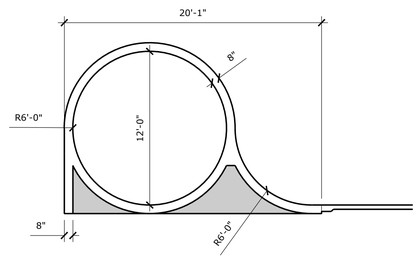
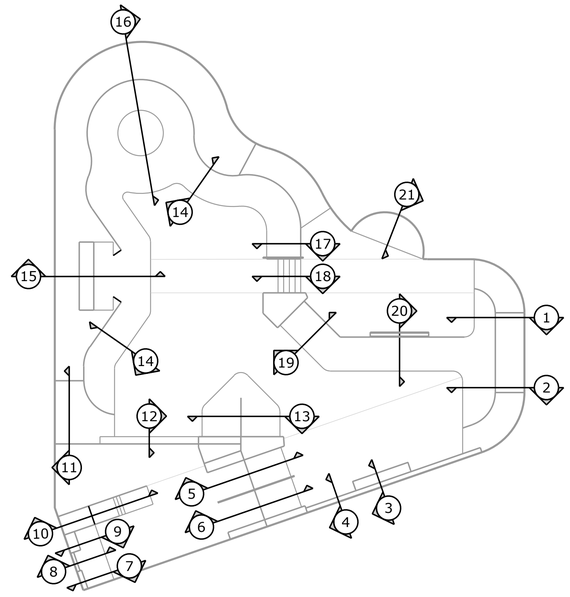


SECTION 10

KEY MAP



NORTH

0'-0" 15'-0" 30'-0" 45'-0"

SCALE: 1" = 15'-0"

REVISIONS

NO.	DATE	DESCRIPTION
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CROSS_SECTIONS

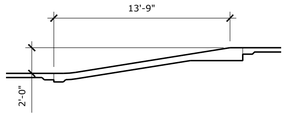
BERKLEY V. AND VINCENT M.
DAWSON PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
(P) 210.224.2446
(TX REG. F-1114)

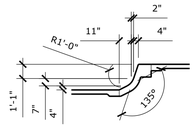
JOB NO.	5835.005
DESIGNED BY:	PILLAR
DRAWN BY:	PILLAR
CHECKED BY:	XX
DATE:	APRIL 25, 2022
SHEET:	AS-10

FULL PATH: D:\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\D:\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\AS-10 [Sections]

BY:dk
PLOTTED BY: Owner
PLOTTED ON: April 14, 2022
PLOTTED AT: 13:22:04
PLOTTED WITH: Canon GP40.pc3



SECTION 11



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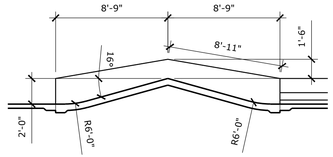

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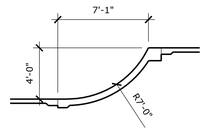

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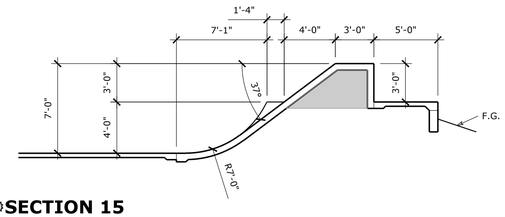

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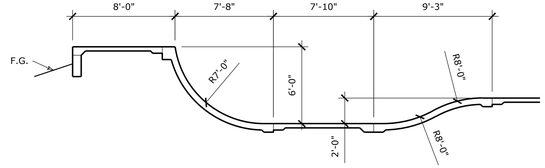

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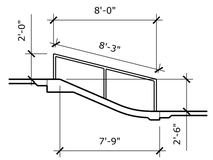

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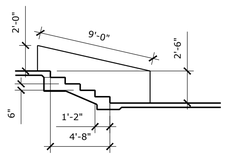

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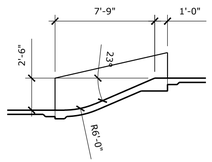

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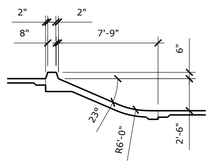

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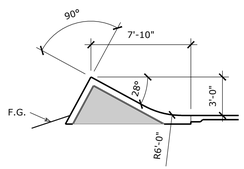


SECTION 21

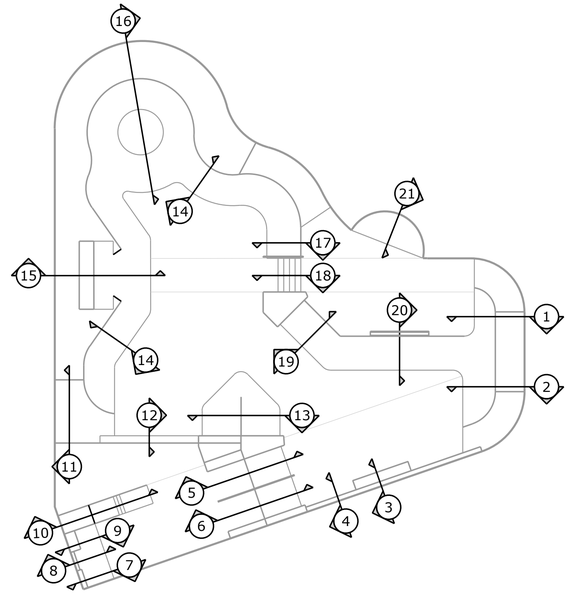
LEGEND

SYMBOL	DESCRIPTION	DETAIL(S)
	CONCRETE/SHOTCRETE	N/A
	SUBGRADE	N/A
F.G.	FINISH GRADE	N/A
	EPS GEO FOAM	SEE SPEC

NOTES

1. REFER TO THE COPING PLAN FOR EDGE TREATMENT LOCATION AND TYPE
2. REFER TO THE HORIZONTAL CONTROL PLAN FOR ACTUAL HORIZONTAL LOCATIONS.
3. REFER TO THE SURFACE GRADING AND DRAINAGE PLAN FOR ACTUAL VERTICAL ELEVATIONS.

KEY MAP



NORTH

0'-0" 15'-0" 30'-0" 45'-0"

SCALE: 1" = 15'-0"

REVISIONS

NO.	DATE	DESCRIPTION
#	#	#
#	#	#
#	#	#
#	#	#
#	#	#

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
(210) 212-2466
(TX REG. F-1114)

CROSS_SECTIONS

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

JOB NO.	5835.005
DESIGNED BY:	PILLAR
DRAWN BY:	PILLAR
CHECKED BY:	XX
DATE:	APRIL 25, 2022

SHEET: AS-11

FULL PATH: D:\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\AS-11 [Sections]

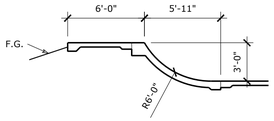
PLOT:
PLOTTED BY: Donna
PLOTTED ON: Tuesday, April 19, 2022
PLOTTED AT: 11:11:49 AM
PLOTTED WITH: Canon GP400.pc3

LEGEND

SYMBOL	DESCRIPTION	DETAIL(S)
	CONCRETE/SHOTCRETE	N/A
	SUBGRADE	N/A
F.G.	FINISH GRADE	N/A

NOTES

1. REFER TO THE COPING PLAN FOR EDGE TREATMENT LOCATION AND TYPE
2. REFER TO THE HORIZONTAL CONTROL PLAN FOR ACTUAL HORIZONTAL LOCATIONS.
3. REFER TO THE SURFACE GRADING AND DRAINAGE PLAN FOR ACTUAL VERTICAL ELEVATIONS.



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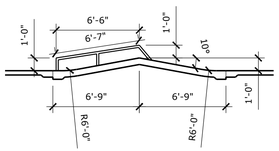

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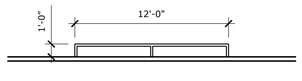

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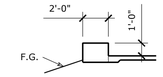

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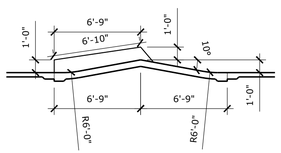

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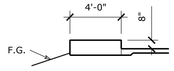
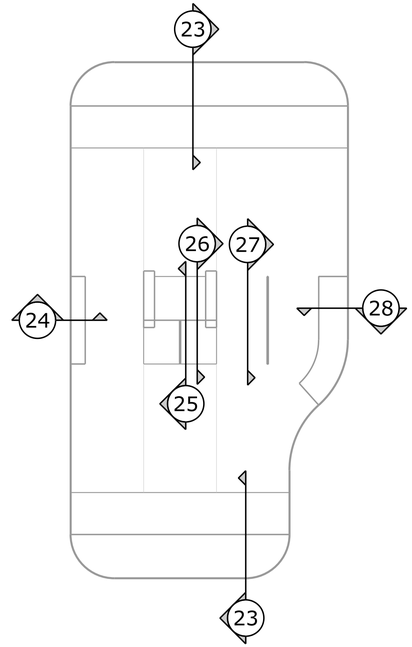


SECTION 28

KEY MAP



NORTH

0'-0" 10'-0" 20'-0" 30'-0"

SCALE: 1" = 10'-0"

REVISIONS

NO.	DATE	DESCRIPTION
	#	#
#	#	#
#	#	#
#	#	#
#	#	#

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
(V) 210.227.2246
(TX REG. F-1114)

CROSS_SECTIONS

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

JOB NO.	5835.005
DESIGNED BY:	PILLAR
DRAWN BY:	PILLAR
CHECKED BY:	XX
DATE:	APRIL 25, 2022
SHEET:	AS-12

FULL PATH: D:\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\D:\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\AS-12 (Sections)

PILLAR
PLOTTED BY: Owner
PLOTTED ON: Thursday, April 14, 2022
PLOTTED AT: 12:13:33 PM
PLOTTED WITH: Color0.ctb(PMG).pc3

CONSTRUCTION DETAIL NOTES

1. "BASE COURSE" SHALL CONSIST OF A 4" [10.16cm] LAYER OF COMPACTED 1" [2.54cm] CLEAN CRUSHED ROCK; "COMPACTED SUBGRADE" SHALL CONSIST OF THE UPPER MOST 1'-0" [30.48cm] OF NATIVE SOIL AND/OR ENGINEERED FILL COMPACTED TO 95% STANDARD PROCTOR. IF THESE GUIDELINES CONFLICT WITH THE GEO-TECHNICAL REPORT, THE CONTRACTOR TO FOLLOW THE MORE STRINGENT OF THE TWO GUIDELINES

2. GRIND SMOOTH ALL EXPOSED COPING AND RAIL WELDS. APPLY END CAPS TO ALL EXPOSED COPING AND RAIL ENDS, OPEN STEEL ENDS OR CONCRETE FILLED CAPS ARE UNACCEPTABLE.

3. HOOK ANCHORS OR HEX BOLTS MAY BE USED IN-LIEU OF NELSON STUDS TO SECURE COPING AND PROTECTIVE PLATES IN PLACE PROVIDED THEY ARE THE SAME NOMINAL SIZE.

4. ALL RAIL POSTS SHALL BE PLACED 3" [7.62cm] MINIMUM CLEAR OF ALL CONCRETE AND/OR SHOTCRETE FACES.

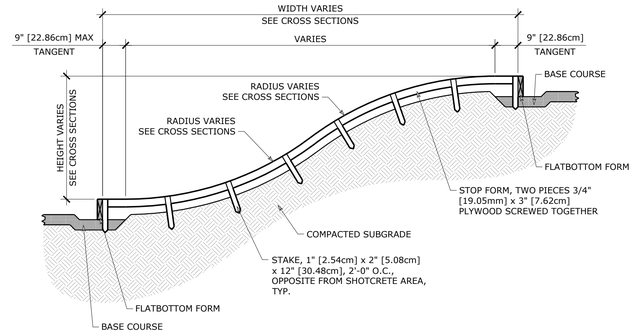
5. SOME REINFORCEMENT MEMBERS MAY BE SHOWN OUT OF SCALE AND/OR POSITION FOR CLARITY ONLY. AT A MINIMUM ALL REINFORCEMENT SHALL BE PLACED CLEAR OF ALL CONCRETE AND/OR SHOTCRETE FACES AS NOTED BELOW:
   - WELDED WIRE FABRIC: 2" [5.08cm]
   - SPEED DOWELS: 3" [7.62cm]
   - REBAR IN FLATWORK, BANKS, BOWLS, WATERFALLS AND TURNDOWN WALLS: 2" [5.08cm] OR 3" [7.62cm] IF PERMANENTLY EXPOSED TO EARTH
   - REBAR IN FORMED LEDGES, EXTENSIONS AND RETAINING WALLS: 3" [7.62cm]

6. ALL SHOTCRETE SHALL BE CUT, SCREEDED AND INSPECTED WITH TEMPLATES CUT TO THE SPECIFIED HEIGHT, WIDTH, RADIUS AND/OR ANGLE. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS WITH DIMENSIONS, MATERIAL AND LOCATION OF USED FOR ALL TEMPLATES FOR APPROVAL BY THE OWNER'S REPRESENTATIVE AND THE ACTION SPORTS DESIGNER.

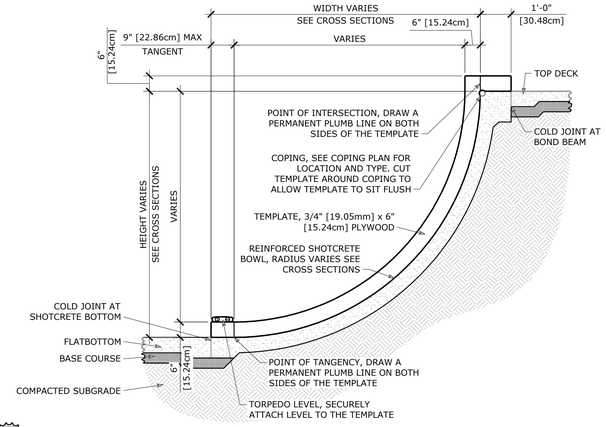
7. ALL CONCRETE AND SHOTCRETE SHALL HAVE A SMOOTH TROWEL FINISH UNLESS OTHERWISE NOTED.

8. ALL EXPOSED OUTSIDE CONCRETE CORNERS SHALL RECEIVE A 1/2" [12.70mm] CHAMFER UNLESS OTHERWISE NOTED.

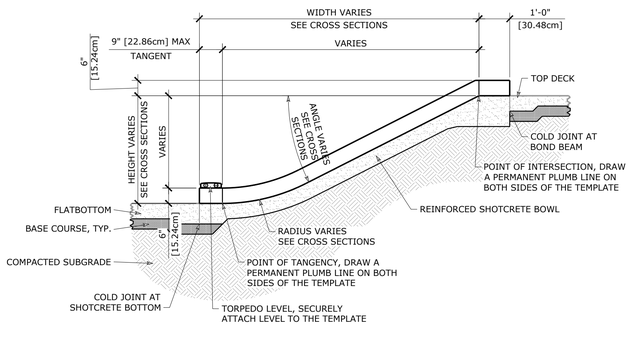
9. CAP ALL EXPOSED ENDS, FILL ALL VOIDS AND GRIND ALL WELDS SMOOTH.



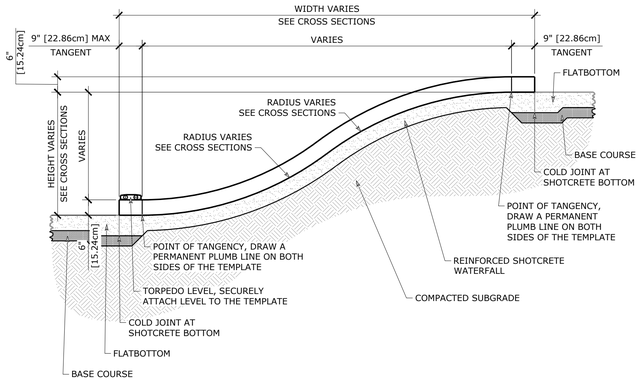
1 STOP FORM - WATERFALL
SCALE: 1/2" = 1'-0"



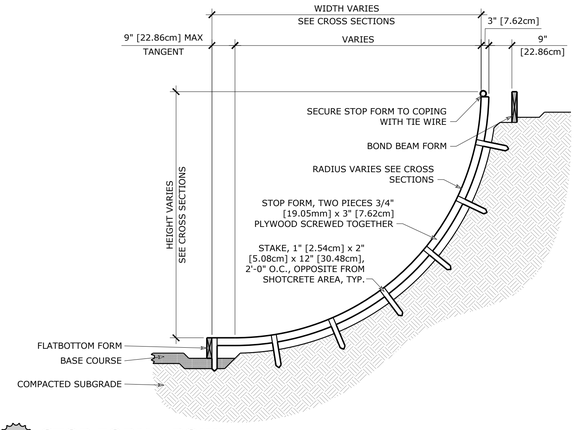
2 TEMPLATE - BOWL
SCALE: 1/2" = 1'-0"



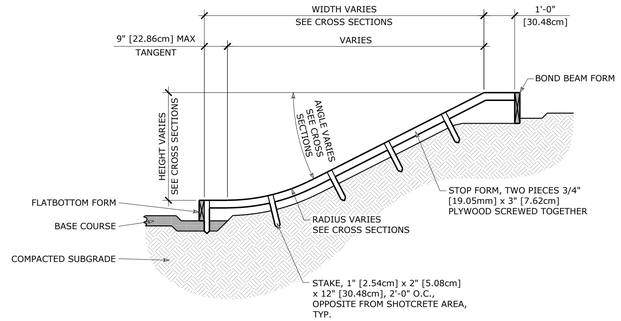
3 TEMPLATE - BANK
SCALE: 1/2" = 1'-0"



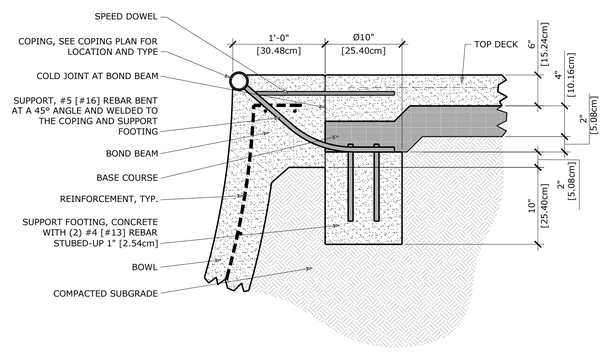
4 TEMPLATE - WATERFALL
SCALE: 1/2" = 1'-0"



5 STOP FORM - BOWL
SCALE: 1/2" = 1'-0"



6 STOP FORM - BANK
SCALE: 1/2" = 1'-0"



7 COPING CONSTRUCTION SUPPORT
SCALE: 1-1/2" = 1'-0"

REVISIONS			
NO.	DATE	DESCRIPTION	
#	#	#	#
#	#	#	#
#	#	#	#
#	#	#	#
#	#	#	#

CONSTRUCTION_DETAILS

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
[TBAE'S F-11149]

JOB NO.	5835.005
DESIGNED BY:	PILLAR
DRAWN BY:	PILLAR
CHECKED BY:	XX
DATE:	APRIL 25, 2022
SHEET:	AS-13

FULL PATH: D:\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\0-Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\AS-13 [Details]

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PLOTTED ON: Monday, April 4, 2022
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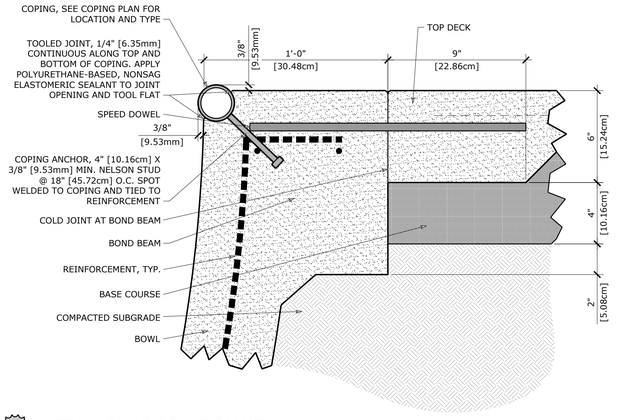
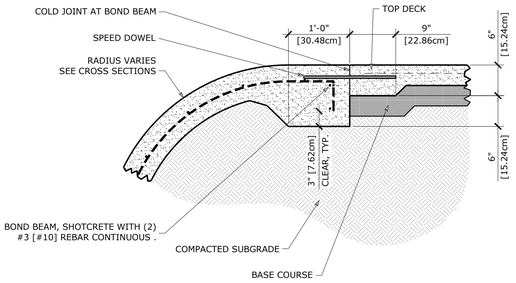
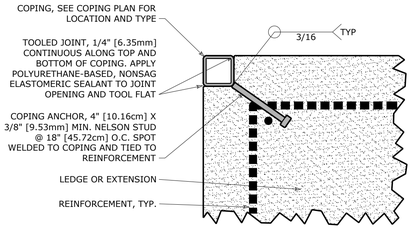
PLOTTER NAME: Canon iPR6x0 pc3



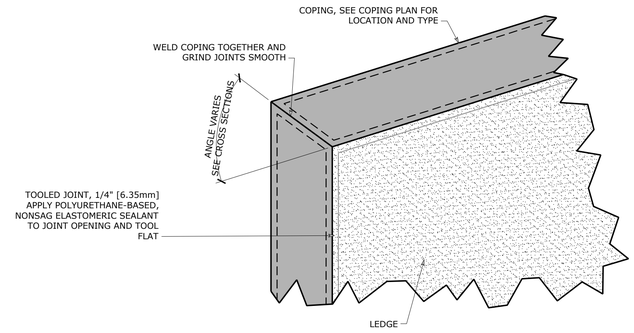
1 STEEL COPING - ROUND
SCALE: 3" = 1'-0"



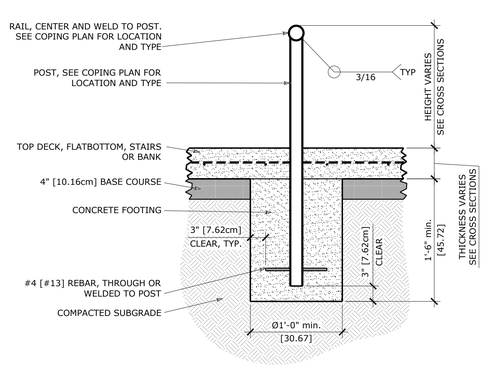
2 ROLLED EDGE
SCALE: 1" = 1'-0"



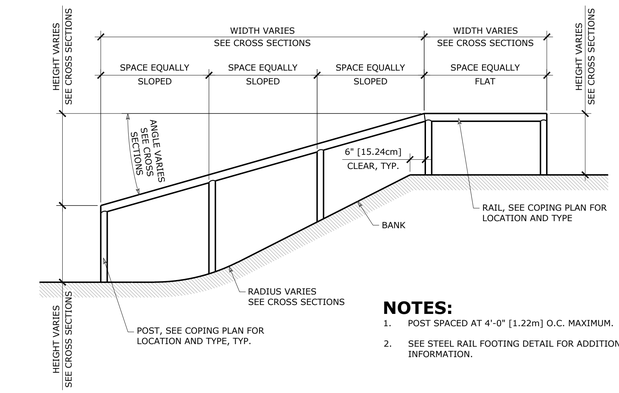
3 STEEL COPING - SQUARE
SCALE: 3" = 1'-0"



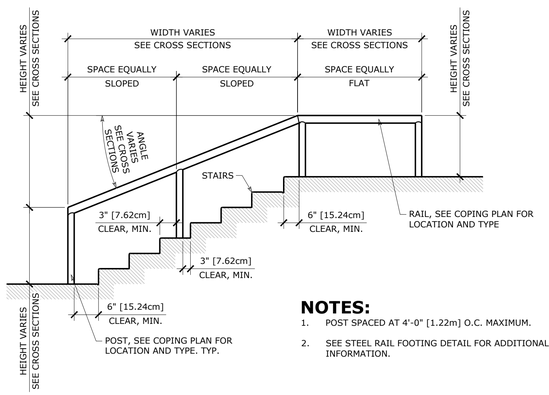
4 HUBBA LEDGE COPING
SCALE: 6" = 1'-0"



5 STEEL RAIL FOOTING
SCALE: 1" = 1'-0"



6 STEEL RAIL IN BANK
SCALE: 1/2" = 1'-0"



7 STEEL RAIL IN STAIRS
SCALE: 1/2" = 1'-0"

NOTES:
1. POST SPACED AT 4'-0" [1.22m] O.C. MAXIMUM.
2. SEE STEEL RAIL FOOTING DETAIL FOR ADDITIONAL INFORMATION.

NOTES:
1. POST SPACED AT 4'-0" [1.22m] O.C. MAXIMUM.
2. SEE STEEL RAIL FOOTING DETAIL FOR ADDITIONAL INFORMATION.

REVISIONS

NO.	DATE	DESCRIPTION
#	#	#
#	#	#
#	#	#
#	#	#
#	#	#

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
[TX-REG-F-11114]

CONSTRUCTION_DETAILS

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

JOB NO.	5835.005
DESIGNED BY:	PILLAR
DRAWN BY:	PILLAR
CHECKED BY:	XX
DATE:	APRIL 25, 2022
SHEET:	AS-14

FULL PATH: D:\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\Shrubbs\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\AS-14 [Details]
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PLOTTED AT: 12:11:11 PM
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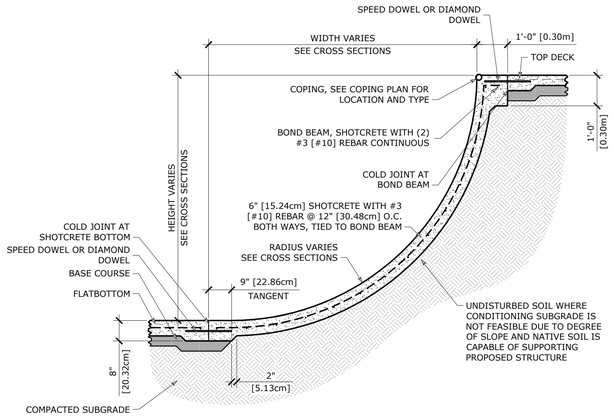
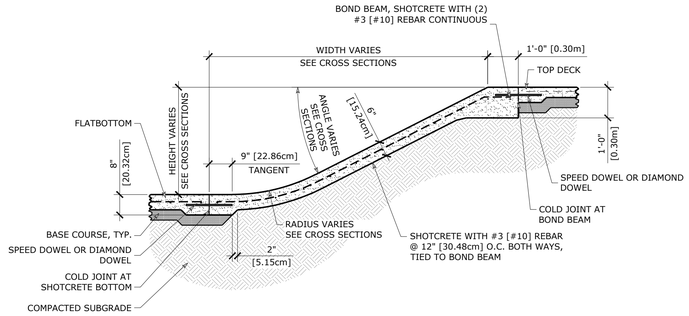


1 SHOTCRETE BOWL
SCALE: 1/2" = 1'-0"



2 SHOTCRETE BANK
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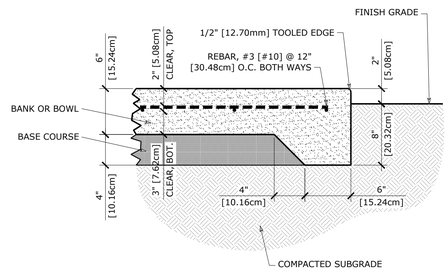

3 SHOTCRETE SECTION
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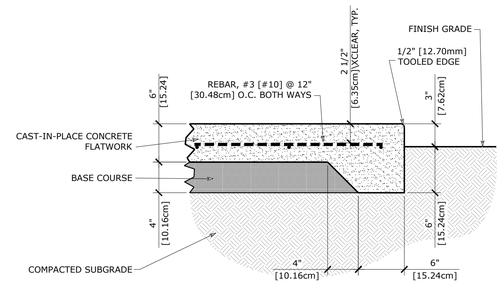

4 CONCRETE TOP DECK SECTION
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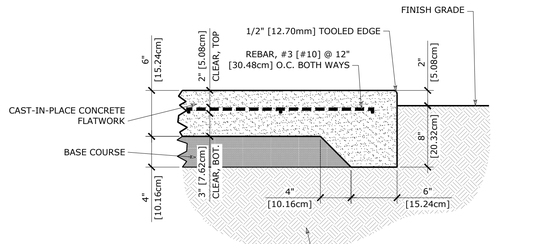

5 CONCRETE FLATBOTTOM SECTION
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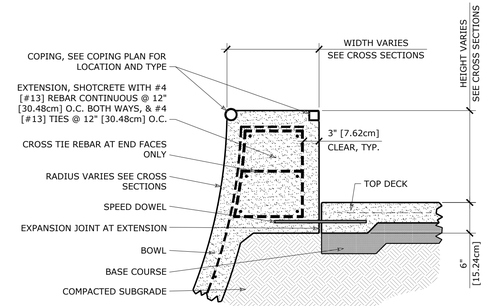
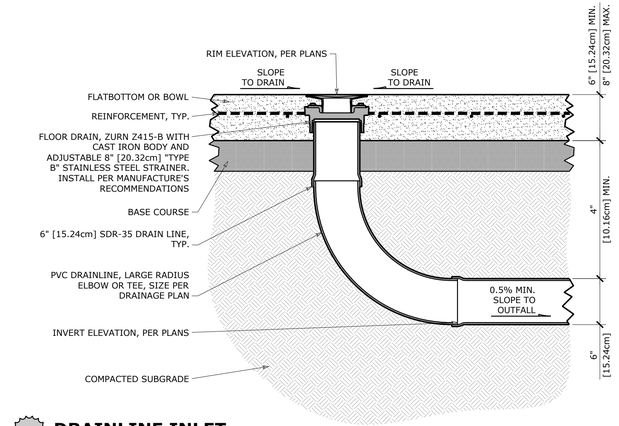


6 SHOTCRETE EXTENSION
SCALE: 1" = 1'-0"



7 DRAINLINE INLET
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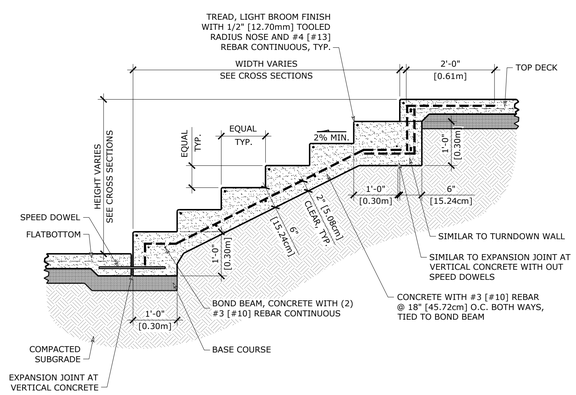
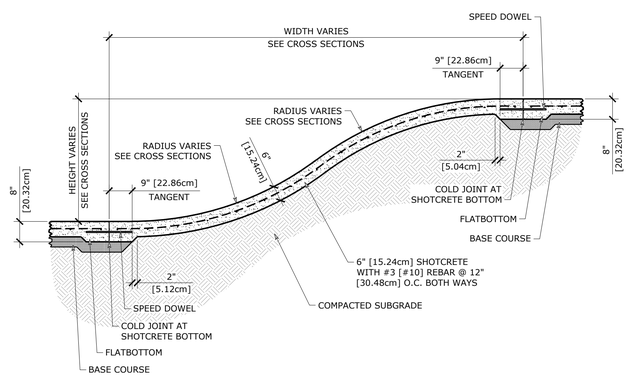


8 CONCRETE STAIRS
SCALE: 1" = 1'-0"



9 SHOTCRETE WATERFALL
SCALE: 1" = 1'-0"

REVISIONS			
NO.	DATE	DESCRIPTION	
	#		#
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	#		#

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
[TX REG. F-1114]

CONSTRUCTION_DETAILS

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

JOB NO.	5835.005
DESIGNED BY:	PILLAR
DRAWN BY:	PILLAR
CHECKED BY:	XX
DATE:	APRIL 25, 2022
SHEET:	AS-15

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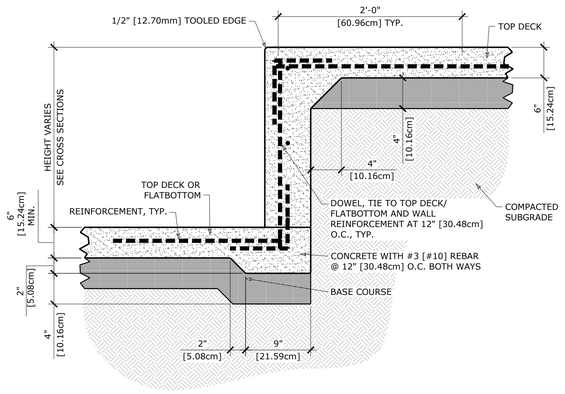
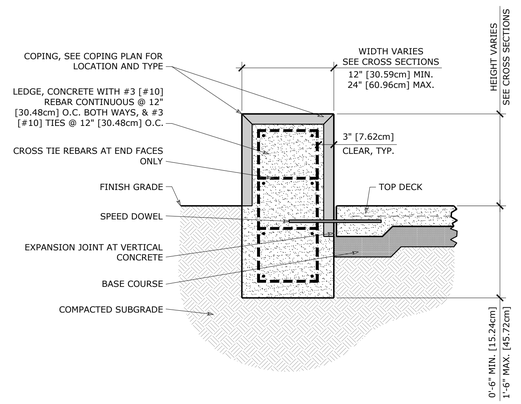
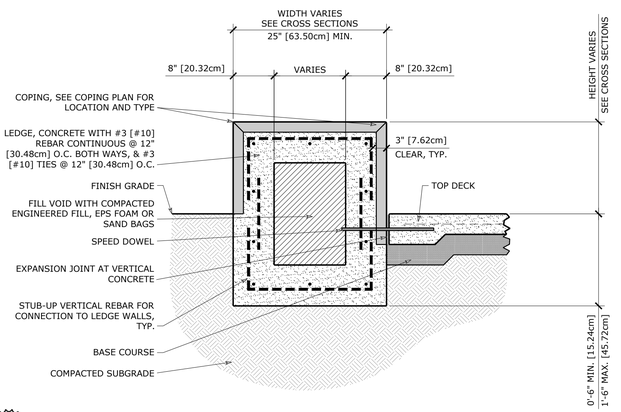


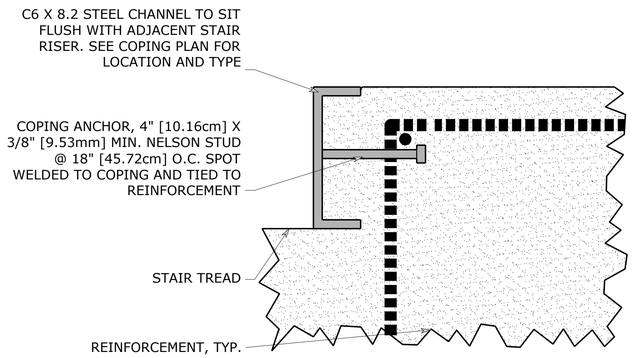
1 CONCRETE TURNDOWN WALL
SCALE: 1-1/2" = 1'-0"



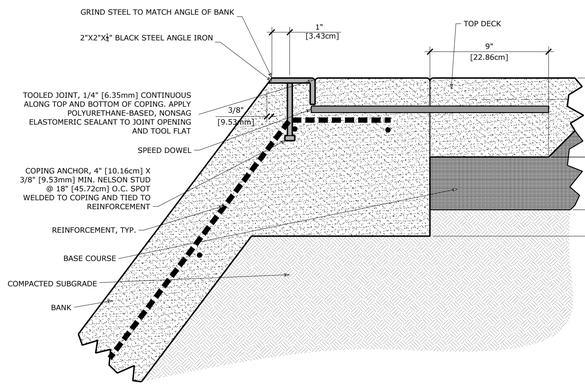
2 CONCRETE GRIND LEDGE - MEDIUM
SCALE: 1" = 1'-0"



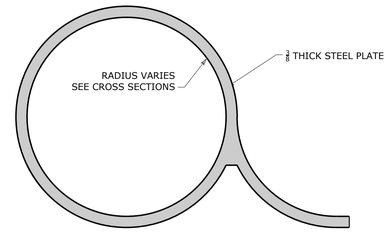
3 CONCRETE GRIND LEDGE - LARGE
SCALE: 1" = 1'-0"



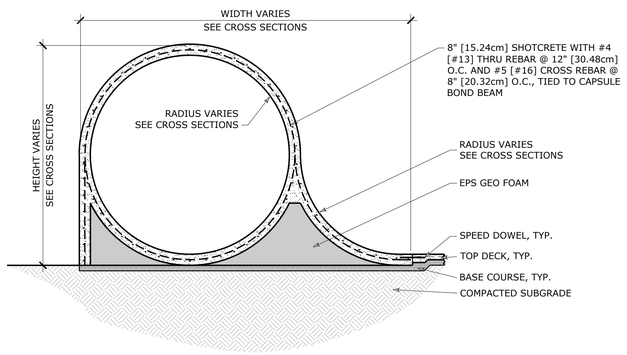
4 STAIR COPING - STEEL CHANNEL
SCALE: 1-1/2" = 1'-0"



5 ANGLE IRON COPING
SCALE: N.T.S.



6 3/ 8 STEEL PLATE CONCRETE OVER VERT / LOOP
SCALE: N.T.S.



7 CONCRETE OVER VERT / LOOP
SCALE: N.T.S.

REVISIONS			
NO.	DATE	DESCRIPTION	
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CONSTRUCTION_DETAILS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
tel: 210.267.5246
[TX REG: F-11164]

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

JOB NO.	5835.005
DESIGNED BY:	PILLAR
DRAWN BY:	PILLAR
CHECKED BY:	XX
DATE:	APRIL 25, 2022
SHEET:	AS-16

FULL PATH: D:\Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\01 Dropbox\Pillar Projects\San Antonio, TX (Dawson Park)\Drawings\AS-16 (Details).dwg
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PLOTTED ON: Thursday, April 14, 2022
PLOTTED AT: 12:23:26 PM
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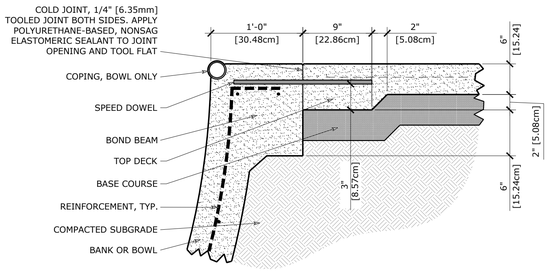
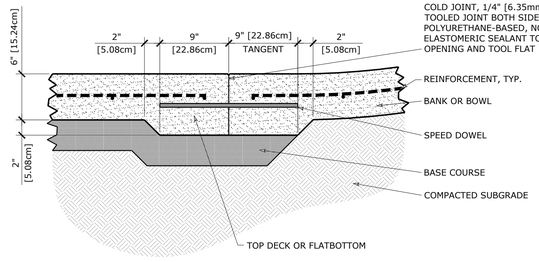
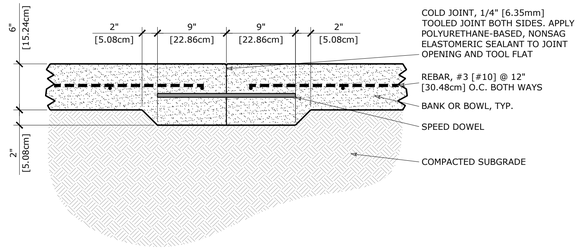
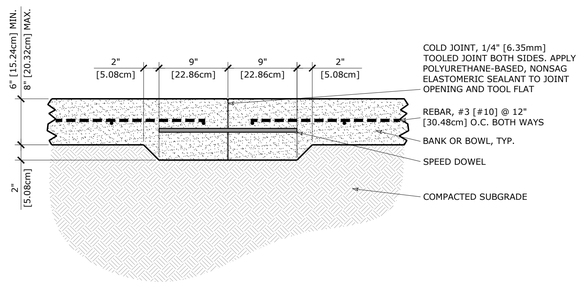


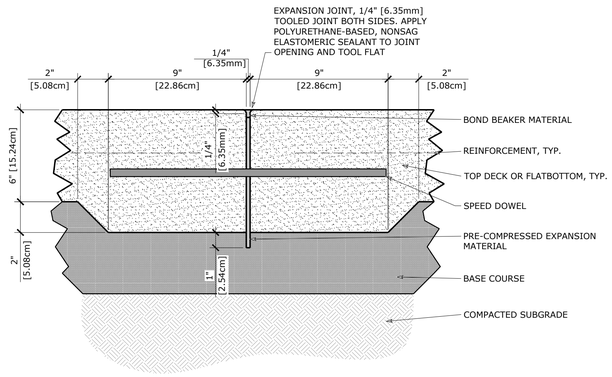




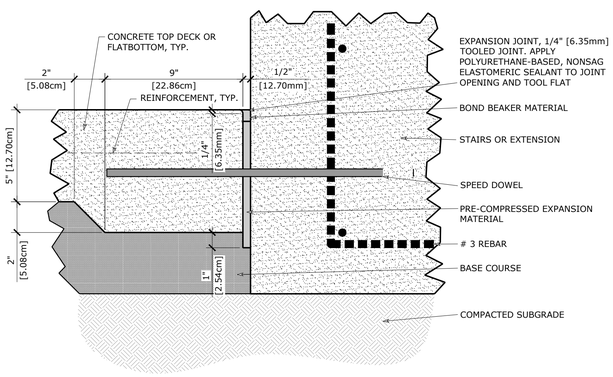
1 COLD JOINT AT BOND BEAM
SCALE: 1-1/2" = 1'-0"



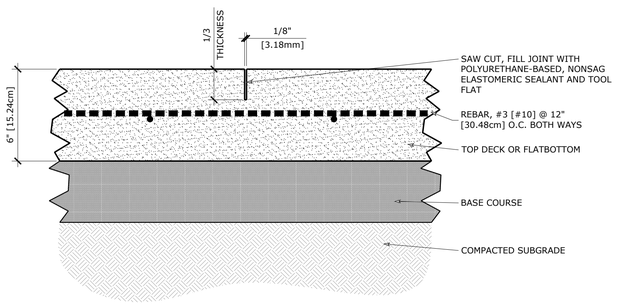
2 COLD JOINT AT SHOTCRETE BOTTOM
SCALE: 1-1/2" = 1'-0"



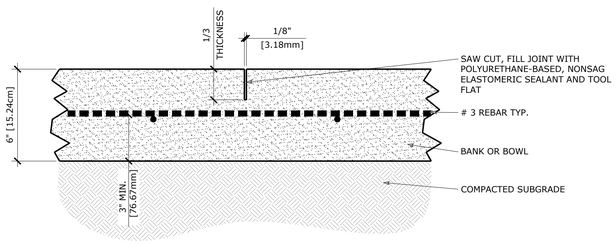
3 COLD JOINT AT MID CONCRETE
SCALE: 1-1/2" = 1'-0"



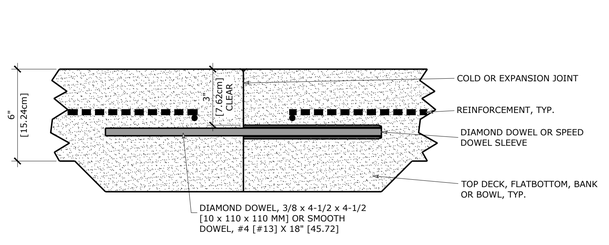
4 COLD JOINT AT MID SHOTCRETE
SCALE: 1-1/2" = 1'-0"



5 EXPANSION JOINT AT MID CONCRETE
SCALE: 3" = 1'-0"



6 EXPANSION JOINT AT VERTICAL CONCRETE
SCALE: 3" = 1'-0"



7 SAWCUT JOINT AT MID CONCRETE
SCALE: 3" = 1'-0"

8 SAWCUT JOINT AT MID SHOTCRETE
SCALE: 3" = 1'-0"

9 SPEED DOWEL
SCALE: 3" = 1'-0"

NOTES:
1. SPEED DOWELS OR DIAMOND DOWELS SHALL BE LOCATED AT 1'-6" [0.46m] O.C. ALONG JOINT.

REVISIONS

NO.	DATE	DESCRIPTION
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#	#	#
#	#	#

CONSTRUCTION_DETAILS

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
[TX-REG.: F-11114]

JOB NO.	5835.005
DESIGNED BY:	PILLAR
DRAWN BY:	PILLAR
CHECKED BY:	XX
DATE:	APRIL 25, 2022
SHEET:	AS-17

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PLOTTED ON: Thursday, April 14, 2022
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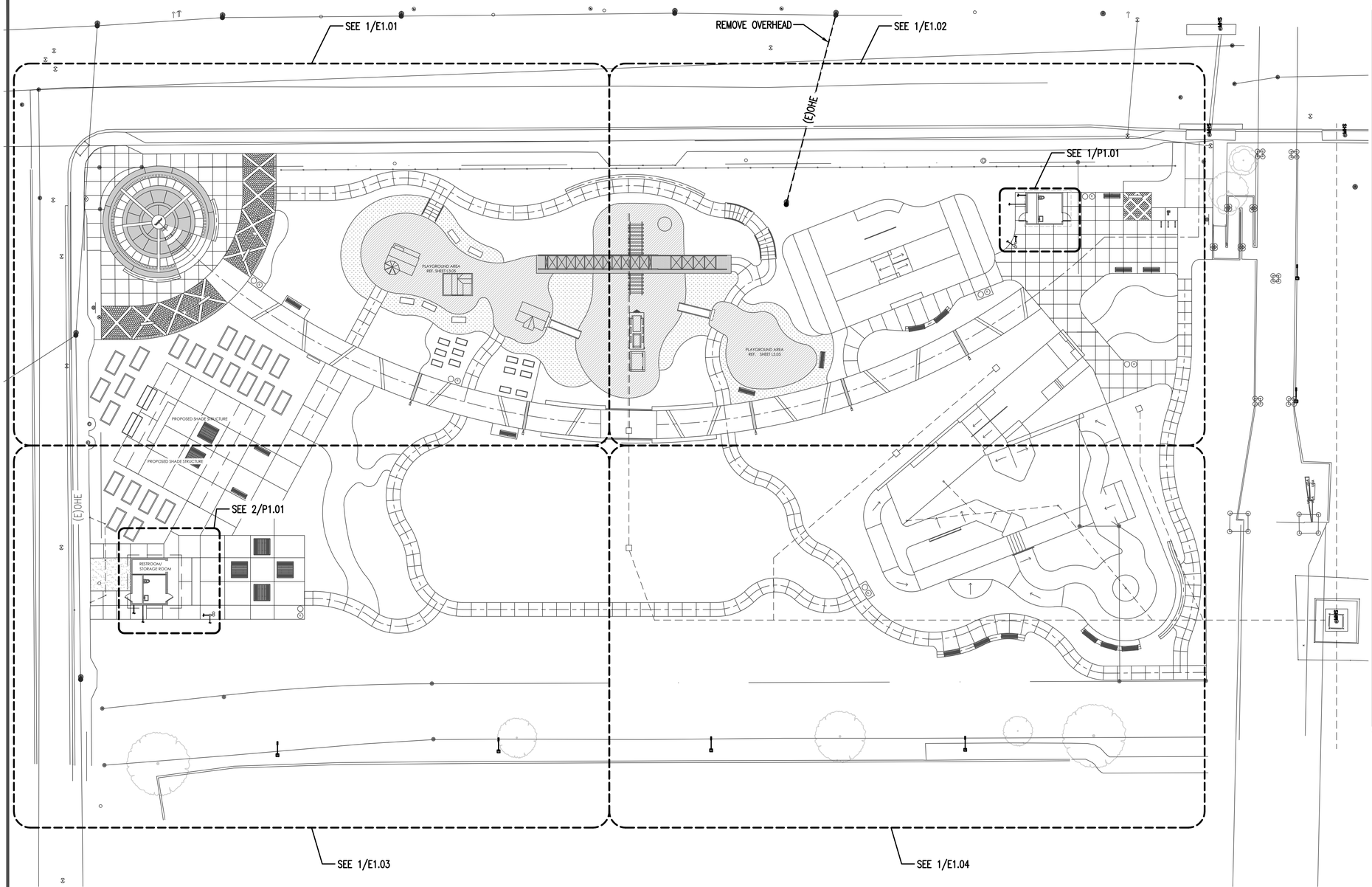


01 ELECTRICAL AND PLUMBING SITE PLAN

SCALE: 1"=20'-0"

Plan North

GENERAL SITE ELECTRICAL NOTES:

1. CALL 811 TO SUBMIT A LOCATE REQUEST. CONTRACTOR TO DETERMINE THE PRESENCE AND LOCATION OF ANY UNDERGROUND UTILITIES SUCH AS TELEPHONE, ELECTRIC POWER, WATER, GAS, SEWAGE LINES, ETC. WHETHER PREVIOUSLY EXISTING OR AS INSTALLED BY OTHER TRADES, PRIOR TO THE START OF CONSTRUCTION.
2. HAND DIG IN AREAS SUSPECTED TO CONTAIN EXISTING OR NEW UTILITIES.
3. ALL SITE UNDERGROUND CONDUIT SHALL BE BURIED A MINIMUM OF 24 INCHES DEEP BELOW FINISHED GRADE UNLESS OTHERWISE NOTED. MINIMUM CONDUIT SIZE BELOW GRADE SHALL BE 3/4".
4. PROVIDE ANSI COLOR TAPE FOR IDENTIFICATION AT 18 INCHES DEEP ABOVE SERVICE CONDUIT RUNS.
5. ALL CONDUIT ELBOWS AND TURNS SHALL BE MADE WITH LONG SWEEP ELLS.
6. CONTRACTOR SHALL PROVIDE ALL EXCAVATING AND BACK FILLING REQUIRED FOR ALL NEW WORK INCLUDING FILL, COMPACTION, SURFACE, ETC. TO MEET ALL REQUIREMENTS AS APPLICABLE FOR THE AREA.
7. TELEPHONE AND CABLE TV CONDUITS SHALL BE BURIED 24" MINIMUM BELOW GRADE, WITH LONG SWEEP TURNS AND A MINIMUM SEPARATION OF 2'-0" FROM POWER CONDUITS. COORDINATE ALL SERVICE CONDUIT ROUTING WITH UTILITY COMPANY REPRESENTATIVES.
8. COORDINATE ALL ELECTRICAL SERVICE REQUIREMENTS WITH POWER UTILITY COMPANY REPRESENTATIVE PRIOR TO BEGINNING WORK.
9. CONTRACTOR SHALL MAINTAIN AN AS-BUILT DIMENSIONAL DRAWING ON SITE SHOWING ALL UNDERGROUND CONDUIT ROUTING AND TERMINATION POINTS.
10. SECONDARY POWER CONDUIT, TELEPHONE SERVICE CONDUIT, AND CABLE TV CONDUIT ROUTING SHOWN ON THESE DRAWINGS ARE FOR REFERENCE ONLY. ACTUAL ROUTING AND TERMINATION POINTS SHALL BE VERIFIED AND COORDINATED WITH OWNER AND LOCAL UTILITIES PRIOR TO START OF WORK.
11. PROVIDE PULL-STRING IN ALL EMPTY CONDUITS. CAP EMPTY CONDUITS BELOW GRADE WATER TIGHT.
12. DO NOT TRENCH OR ROUTE CONDUIT WITHIN DRIP LINES OF EXISTING TREES.
13. REPAIR AT NO ADDITIONAL COST TO OWNER OR A/E DAMAGE TO ALL EXISTING SITE ELEMENTS AS REQUIRED TO MATCH EXISTING PRECONSTRUCTION CONDITIONS.

NO.	DATE	REVISIONS DESCRIPTION

ELECTRICAL AND PLUMBING SITE PLAN

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG. F-1114)

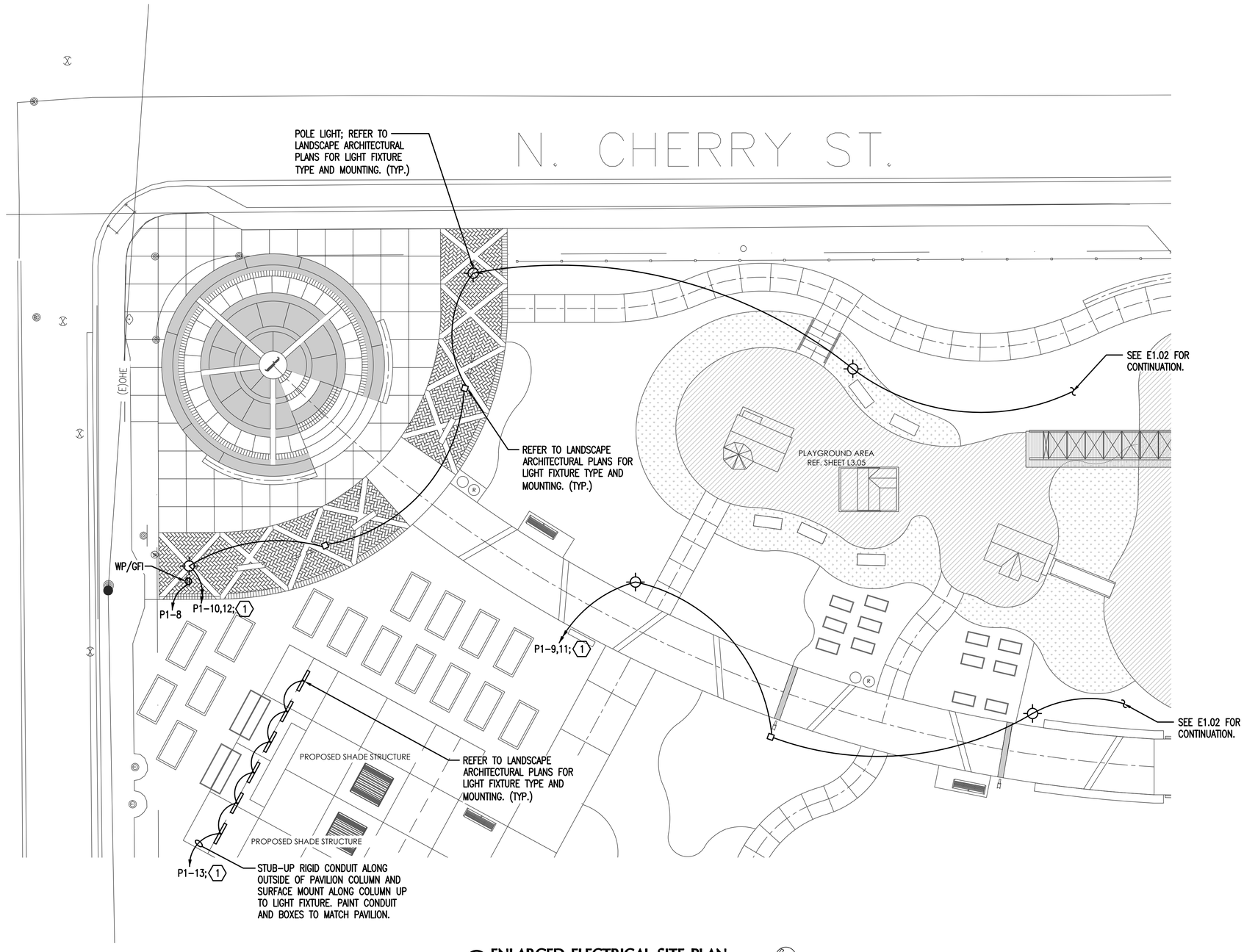
BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

PRELIMINARY:
FOR INTERIM REVIEW NOT FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES

ENGINEER : BRUCE CECIL SMITH
P.E. SERIAL NUMBER : 68595
DATE: 04-18-22
TX. REGD. ENGR. FIRM F-4137

JOB NO.	5835.005
DESIGNED BY:	SALM
DRAWN BY:	EG
CHECKED BY:	SALM
DATE:	AUGUST 6, 2021
SHEET:	EP1.01

ESA Mechanical & Electrical Engineering, Inc.
1100 NW Loop 410, Suite 810 San Antonio, Texas 78213
210.342.3483 F 210.342.3641
TEXAS REGISTERED ENGINEERING FIRM F-4137
JOB NO.: 21015



01 ENLARGED ELECTRICAL SITE PLAN

SCALE 1"=10'-0"

Plan North

ENLARGED ELECTRICAL SITE PLAN KEYED NOTES ⟨1⟩ : (SHEET E1.01 ONLY)

⟨1⟩ CIRCUIT THROUGH LIGHTING CONTACTOR; SEE 4/E3.01 FOR DETAIL.

REVISIONS

NO.	DATE	DESCRIPTION

ENLARGED ELECTRICAL SITE PLAN

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

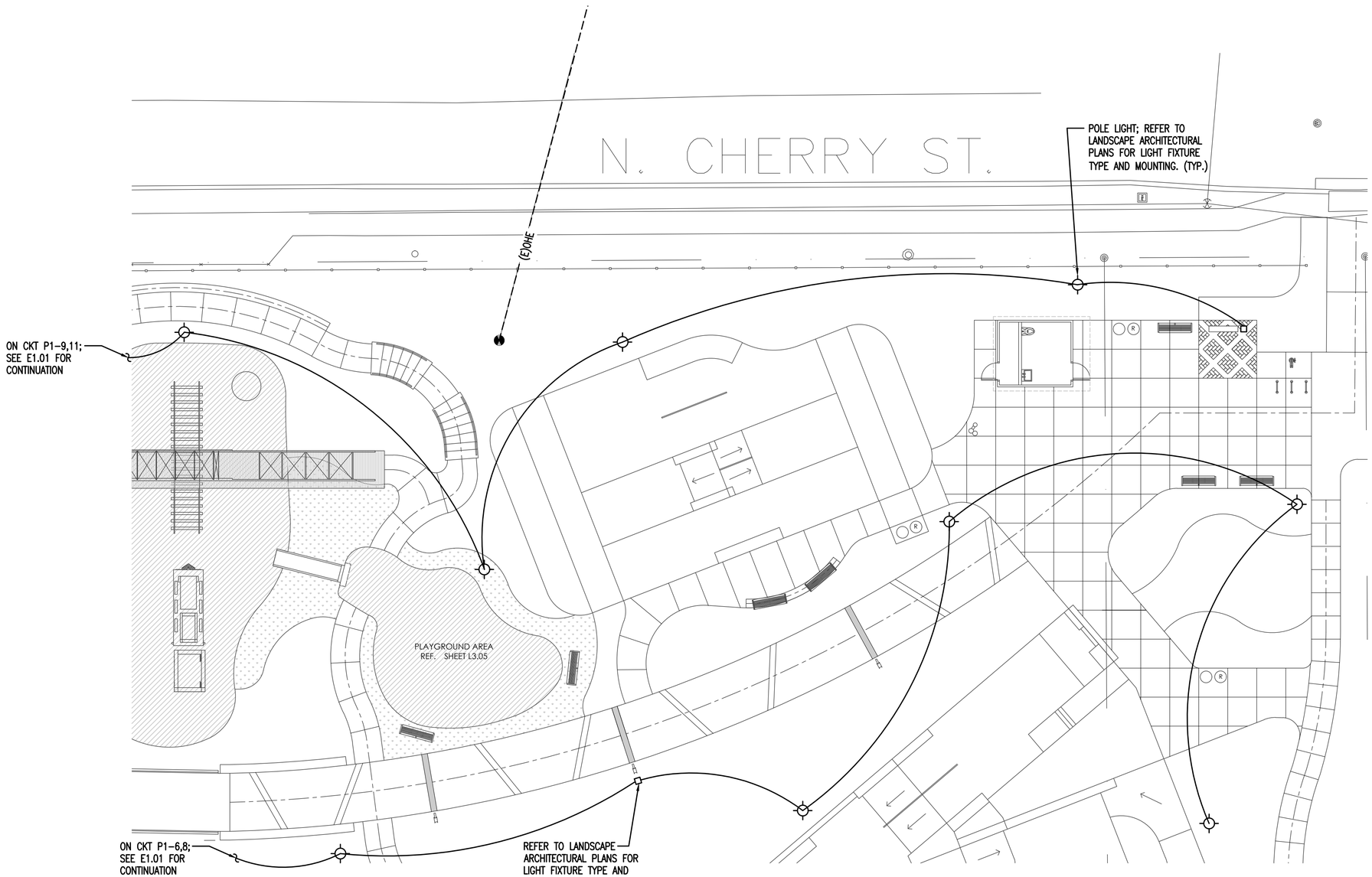
DUNAWAY
118 Broadway Suite 201 · San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG.: F-1114)

PRELIMINARY:
FOR INTERIM REVIEW NOT FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES

ENGINEER : STEPHEN MITCHELL
P.E. SERIAL NUMBER : #99313
DATE: 04-18-22
TX. REGD. ENGR. FIRM F-4137

JOB NO.	5835.005
DESIGNED BY:	SALM
DRAWN BY:	EG
CHECKED BY:	SALM
DATE:	AUGUST 6, 2021
SHEET:	E1.01

ESA Mechanical & Electrical Engineering, Inc.
1100 NW Loop 410, Suite 810 · San Antonio, Texas 78213
210.342.3483 · F 210.342.3641
TEXAS REGISTERED ENGINEERING FIRM F-4137
JOB NO.: 21015



01 ENLARGED ELECTRICAL SITE PLAN

SCALE 1"=10'-0"

Plan North

ENLARGED ELECTRICAL SITE PLAN KEYED NOTES ⟨⟩ : (SHEET E1.02 ONLY)

⟨1⟩ CIRCUIT THROUGH LIGHTING CONTACTOR; SEE 4/E3.01 FOR DETAIL.

REVISIONS

NO.	DATE	DESCRIPTION

ENLARGED ELECTRICAL SITE PLAN

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

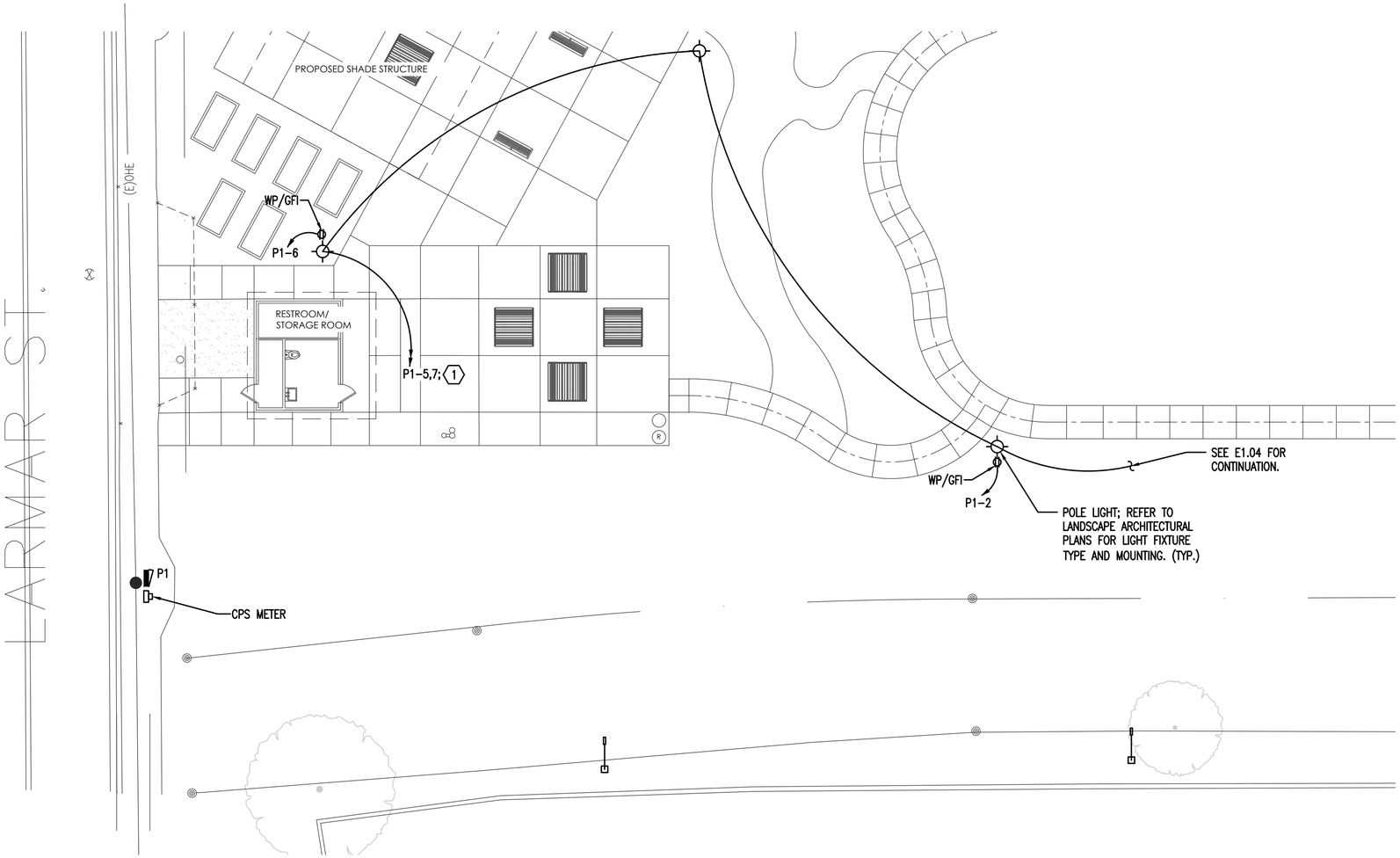
DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG. F-1114)

PRELIMINARY:
FOR INTERIM REVIEW NOT FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES

ENGINEER : STEPHEN MITCHELL
P.E. SERIAL NUMBER : #99313
DATE: 04-18-22
TX. REGD. ENGR. FIRM F-4137

JOB NO.	5835.005
DESIGNED BY:	SALM
DRAWN BY:	EG
CHECKED BY:	SALM
DATE:	AUGUST 6, 2021
SHEET:	E1.02

ESA Mechanical & Electrical Engineering, Inc.
1100 NW Loop 410, Suite 810 San Antonio, Texas 78213
210.342.3483 F 210.342.3641
TEXAS REGISTERED ENGINEERING FIRM F-4137
JOB NO.: 21015



01 ENLARGED ELECTRICAL SITE PLAN

SCALE 1"=10'-0"

Plan North

ENLARGED ELECTRICAL SITE PLAN KEYED NOTES ⬡ : (SHEET E1.03 ONLY)

1 CIRCUIT THROUGH LIGHTING CONTACTOR; SEE 4/E3.01 FOR DETAIL.

REVISIONS

NO.	DATE	DESCRIPTION

ENLARGED ELECTRICAL SITE PLAN

BERKLEY V. AND VINCENT M.
DAWSON PARK
SAN ANTONIO, TEXAS

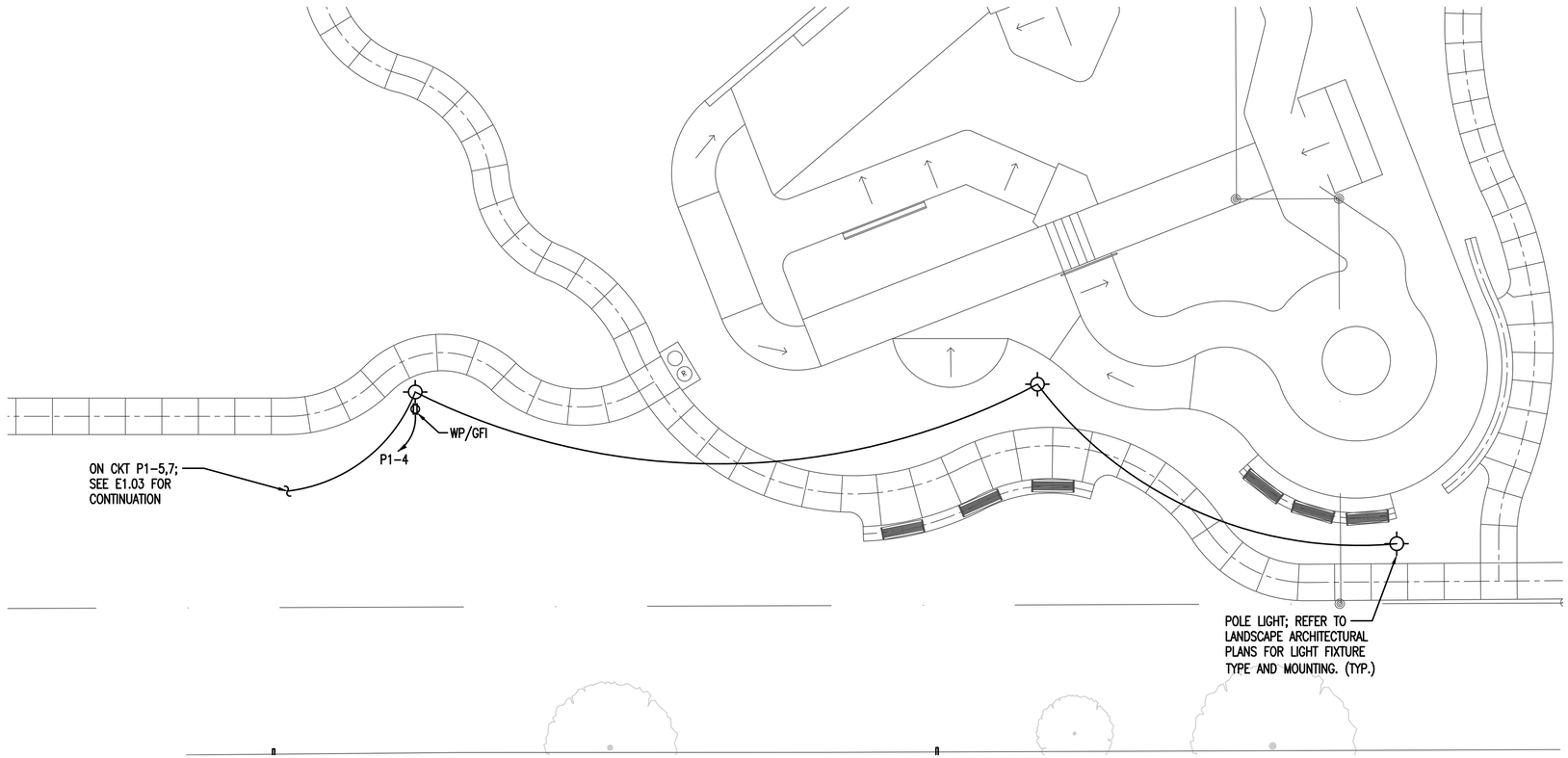
DUNAWAY
118 Broadway Suite 201 · San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG. F-11141)

PRELIMINARY:
FOR INTERIM REVIEW NOT
FOR CONSTRUCTION, BIDDING
OR PERMIT PURPOSES

ENGINEER : STEPHEN MITCHELL
P.E. SERIAL NUMBER : #99313
DATE: 04-18-22
TX. REGD. ENGR. FIRM F-4137

JOB NO.	5835.005
DESIGNED BY:	SALM
DRAWN BY:	EG
CHECKED BY:	SALM
DATE:	AUGUST 6, 2021
SHEET:	E1.03

ESA Mechanical & Electrical Engineering, Inc.
1100 NW Loop 410, Suite 810 210.342.3483
San Antonio, Texas 78213 F 210.342.3641
TEXAS REGISTERED ENGINEERING FIRM F-4137
JOB NO.: 21015



01 ENLARGED ELECTRICAL SITE PLAN

SCALE 1"=10'-0"

Plan North

ENLARGED ELECTRICAL SITE PLAN KEYED NOTES ⬡ : (SHEET E1.04 ONLY)

⬡1 CIRCUIT THROUGH LIGHTING CONTACTOR; SEE 4/E3.01 FOR DETAIL.

REVISIONS

NO.	DATE	DESCRIPTION

ENLARGED ELECTRICAL SITE PLAN

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG. F-1114)

BERKLEY V. AND VINCENT M.
DAWSON PARK
SAN ANTONIO, TEXAS

PRELIMINARY:
FOR INTERIM REVIEW NOT
FOR CONSTRUCTION, BIDDING
OR PERMIT PURPOSES

ENGINEER : STEPHEN MITCHELL
P.E. SERIAL NUMBER : #99313
DATE: 04-18-22
TX. REGD. ENGR. FIRM F-4137

JOB NO.	5835.005
DESIGNED BY:	SALM
DRAWN BY:	EG
CHECKED BY:	SALM
DATE:	AUGUST 6, 2021
SHEET:	E1.04

ESA Mechanical & Electrical Engineering, Inc.
1100 NW Loop 410, Suite 810 210.342.3483
San Antonio, Texas 78213 F 210.342.3641
TEXAS REGISTERED ENGINEERING FIRM F-4137
JOB NO.: 21015

PANEL	P1	COMMENTS:														
LOCATION:	EXTERIOR															
120/ 240 VOLTS, 1 PHASE, 3 WIRE					200 AMP MAIN BREAKER					10 KAIC						
CIRCUIT DATA				CKT NR	LOAD	CB POLE	CB TRIP	CB LOAD	PHASE A	PHASE B	CB LOAD	CB TRIP	CB POLE	LOAD	CKT NR	CIRCUIT DATA
NR	WIRE	GND	C			NR	A	VA			VA	A	NR			NR WIRE GND C
2	12	12	1/2"	1	TIME CONTROL	1	20	200	380		180	20	1	POLE RECEPT.	2	2 12 12 1/2"
2	12	12	1/2"	3	CONVENIENCE RECEPT.	1	20	180		360	180	20	1	POLE RECEPT.	4	2 12 12 1/2"
2	10	12	3/4"	5	LIGHTING POLES	2	20	263	443		180	20	1	POLE RECEPT.	6	2 12 12 1/2"
				7				263		443	180	20	1	POLE RECEPT.	8	2 12 12 1/2"
2	10	12	3/4"	9	LIGHTING POLES	2	20	123	309		186	20	2	LIGHTING POLES	10	2 10 12 3/4"
				11				123		309	186				12	
2	12	12	1/2"	13	PAVILION LIGHTING	1	20	72	72						14	
				15						0					16	
				17					0						18	
				19						0					20	
				21					0						22	
				23						0					24	

PANEL TYPE :	NEMA 3R	PHASE CONN.	1204	1112	VA	0 % SPARE CAPACITY
MOUNTING:	SURFACE	TOTAL CONNECTED LOAD		2	KVA	95 % DEMAND FACTOR
FED FROM:	SEE RISER	CONNECTED + SPARE LOAD		2	KVA	10 AMPS CONNECTED
		TOTAL DEMAND		2	KVA	
		TOTAL DEMAND, AMPS		9	AT 240	VOLTS

GENERAL ELECTRICAL NOTES:

1. THE WORD "PROVIDE" USED THROUGHOUT THESE CONTRACT DOCUMENTS SHALL MEAN "FURNISH AND INSTALL".
2. ALL ELECTRICAL WORK SHALL CONFORM TO THE LATEST ADOPTED VERSIONS (INCLUDING LOCAL AMENDMENTS) OF THE NATIONAL ELECTRICAL CODE (NFPA 70), INTERNATIONAL FIRE CODES (IFC), NATIONAL LIFE SAFETY CODE (NFPA 101), NATIONAL FIRE ALARM CODE (NFPA 72), INTERNATIONAL ENERGY CONSERVATION CODE (IECC), INTERNATIONAL BUILDING CODES (IBC), AMERICANS WITH DISABILITIES ACT (ADA) AND LOCAL ACCESSIBILITY STANDARDS, NATIONAL ELECTRICAL MANUFACTURES ASSOCIATION (NEMA), AND STANDARD WORKMANSHIP PRACTICES.
3. IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY PRECAUTIONS REQUIRED BY LOCAL, STATE AND FEDERAL LAWS, INCLUDING OSHA (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION).
4. CONTRACTOR SHALL VISIT THE SITE AND ASCERTAIN THE CONDITIONS TO BE MET THERE IN INSTALLING HIS WORK AND MAKE DUE PROVISIONS FOR SAME IN HIS BID.
5. PROCURE ALL THE NECESSARY AND USUAL PERMITS AND CERTIFICATES FOR ALL WORK INSTALLED. DELIVER SAME TO THE OWNER BEFORE FINAL ACCEPTANCE. PAY ALL INSPECTION FEES NECESSARY.
6. THE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND DO NOT SHOW EVERY MINOR DETAIL. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL ITEMS REQUIRED FOR A COMPLETE ELECTRICAL SYSTEM.
7. ELECTRICAL CONTRACTOR SHALL INCLUDE TEMPORARY POWER, WIRING AND LIGHTING AS PART OF HIS SCOPE AS REQUIRED.
8. ELECTRICAL GEAR SUCH AS SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, DISCONNECTS, ETC. SHALL BE LABELED BY NAME OR BY EQUIPMENT SERVED WITH PERMANENTLY ATTACHED LABELS. SWITCHBOARDS AND PANELBOARDS SHALL HAVE A TYPED CIRCUIT DIRECTORY CARD PROTECTED BY A PLASTIC SLEEVE. LAMINATE CIRCUIT DIRECTORY CARDS FOR ALL NON-NEMA 1 EQUIPMENT.
9. IN GENERAL, ALL FLOOR MOUNTED ELECTRICAL GEAR SHALL SIT UPON A 3-1/2" HIGH MINIMUM CONCRETE HOUSEKEEPING PAD WITH 3" NOMINAL EQUIPMENT OVERHANG AND CHAMFERED EDGES.
10. SWITCHBOARDS AND PANELBOARDS MADE PART OF THIS PROJECT SHALL BE FIELD MARKED TO WARN QUALIFIED PERSONS OF POTENTIAL ARC FLASH HAZARD IN ACCORDANCE WITH NEC 110.16.
11. WHERE WORK ON ENERGIZED EQUIPMENT IS UNAVOIDABLE, MEASURES SHALL BE TAKEN TO ENSURE ONLY QUALIFIED ELECTRICIANS WEARING PERSONAL PROTECTIVE EQUIPMENT (PPE) RATED HIGHER THAN THE LISTED OR ANTICIPATED POTENTIAL ARC FLASH SHALL SERVICE/INSTALL THE EQUIPMENT.
12. DE-ENERGIZED EQUIPMENT SHALL FOLLOW ALL OSHA AND NFPA 70E LOCK OUT/TAG OUT PROCEDURES.
13. PARTS AND ELECTRIC EQUIPMENT THAT ARC OR SPARK IN NORMAL OPERATION SHALL BE ENCLOSED IN ACCORDANCE WITH NEC 110.18.
14. PROVIDE GROUND FAULT CIRCUIT INTERRUPTION (GFI) MEANS FOR RECEPTACLES LOCATED IN DAMP OR WET LOCATIONS, RESTROOMS, EXTERIOR, AND ANY OTHER LOCATION REQUIRED BY CODE.
15. FIRE SEAL ALL ELECTRICAL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES AS REQUIRED. WERE APPLICABLE, FIRE SEAL ALL CONDUIT OPENINGS OF SURGE PROTECTION DEVICE (SPD) MOUNTED IN SEPARATE ENCLOSURES TO PROVIDE A PROTECTIVE BARRIER BETWEEN THE SPD COMPONENTS AND THE SPD OVERCURRENT PROTECTION DEVICE.
16. CABLES NOT INSTALLED WITHIN CONDUIT SHALL BE PLENUM RATED UNLESS OTHERWISE NOTED.
17. MINIMUM WIRE SIZE FOR LIGHTING AND RECEPTACLE BRANCH CIRCUITS SHALL BE #12 AWG. ALL CONDUCTORS SHALL BE COPPER THWN/THHN AND INSTALLED IN APPROVED RACEWAY. ALUMINUM OR COPPER-CLAD WIRING SHALL NOT BE USED. MINIMUM CONDUIT SIZE SHALL BE 1/2".

MOUNTING HEIGHTS

DEVICE	HEIGHT (PER ADA)
RECEPTACLES, DATA/TELEPHONE, TV	15"AFF TO BOTTOM OF DEVICE
SWITCHES	48"AFF TO CENTER OF DEVICE
COUNTERTOP RECEPTACLES	MOUNTED VERTICALLY, 8" ABOVE COUNTER TO CENTER MOUNTED HORIZONTALLY, 6" ABOVE COUNTER TO CENTER

NOTE: ALL DEVICES SHALL BE MOUNTED AT THESE HEIGHTS UNLESS OTHERWISE NOTED.

ELECTRICAL LEGEND

MARK	DESCRIPTION
	GENERAL
	CIRCUIT HOME-RUN TO PANEL
	SWITCH LEG
	DENOTES ELECTRICAL KEYED NOTE
(E)	DENOTES EXISTING
POC	POINT OF CONNECTION
CKT	CIRCUIT
AFF	ABOVE FINISHED FLOOR
UGE	UNDERGROUND ELECTRICAL
WP	WEATHERPROOF
OHE	OVERHEAD ELECTRICAL
N.I.C.	NOT IN CONTRACT
	LIGHTING
	FLUORESCENT STRIP FIXTURE
	WALL BRACKET FIXTURE
	LIGHT FIXTURE
	FLOOD LIGHT FIXTURE
	SURFACE LIGHT
	STEP LIGHT
	UPLIGHT FIXTURE
	FLASHING BEACON/STROBE LIGHT
	EXIT SIGN
	EXIT SIGN W/ HEADS
	STARTER OR CONTACTOR
PC	PHOTO CELL
	POWER
	SIMPLEX RECEPTACLE
	DUPLEX CONVENIENCE OUTLET
	208V 1ø RECEPTACLE
	QUADPLEX CONVENIENCE OUTLET
GFI	OUTLET WITH GROUND FAULT CIRCUIT INTERRUPTER
J, J	JUNCTION BOX
PB	PULL BOX
M	INDIVIDUAL METER
	PANEL
	DISCONNECT SWITCH
	MOTOR
TC	TIME CLOCK
$M	MOTOR RATED SWITCH
T	TRANSFORMER
	GROUND

NOTE: NOT ALL MARKS MAY BE USED. DASHED ITEMS INDICATE REMOVAL

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TEXAS REGISTERED ENGINEERING FIRM F-4137
JOB NO.: 21015

REVISIONS

NO.	DATE	DESCRIPTION

ELECTRICAL LEGEND, NOTES AND SCHEDULES

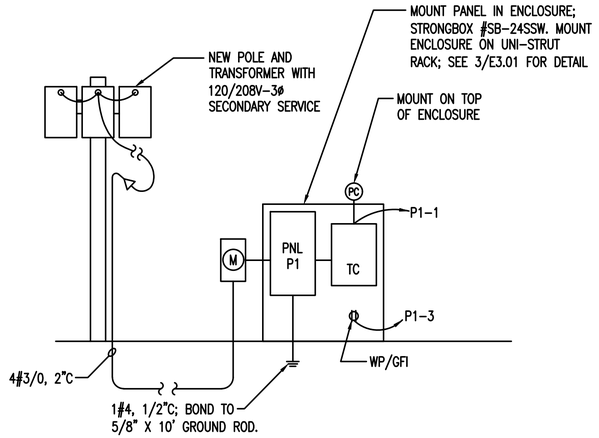
BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
[TX REG: F-1114]

PRELIMINARY:
FOR INTERIM REVIEW NOT FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES

ENGINEER : STEPHEN MITCHELL
P.E. SERIAL NUMBER : #99313
DATE: 04-18-22
TX. REGD. ENGR. FIRM F-4137

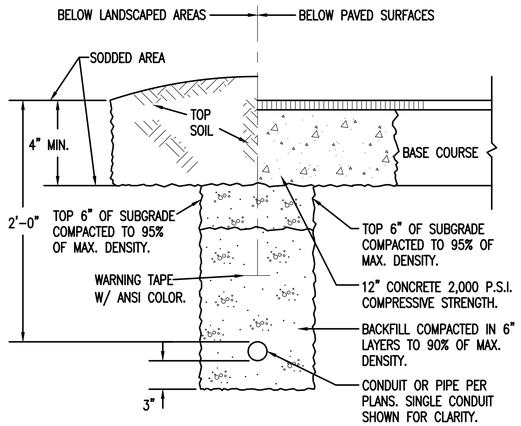
JOB NO.	5835.005
DESIGNED BY:	SALM
DRAWN BY:	EG
CHECKED BY:	SALM
DATE:	AUGUST 6, 2021
SHEET:	E2.01



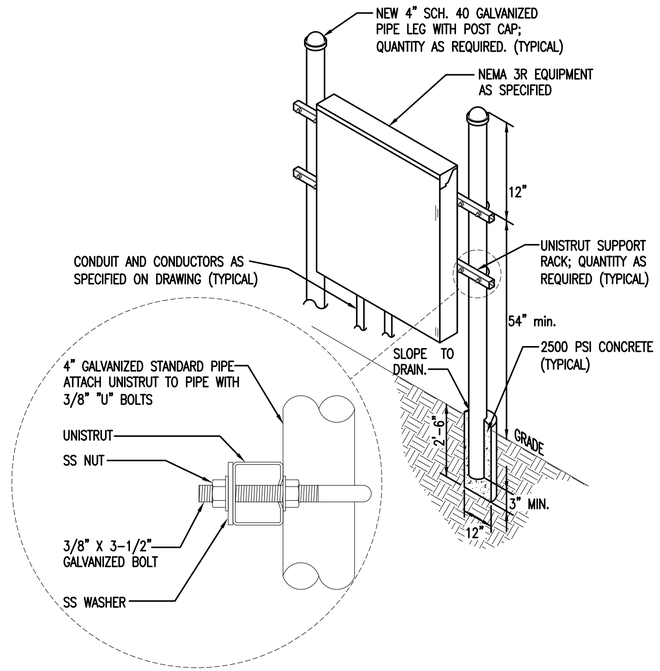
01 ELECTRICAL RISER
SCALE: N.T.S.

GENERAL RISER DIAGRAM NOTES:

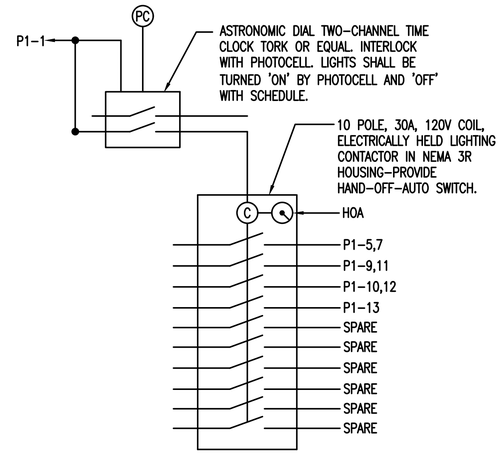
1. MAIN SERVICE ENTRANCE GEAR SHALL BE LISTED AND LABELED AS SUCH.
2. GROUND RODS SHALL BE 5/8" X 10' MINIMUM. TEST SOIL FOR LESS THAN 25-OHM RESISTANCE AND ADD ADDITIONAL GROUND RODS AS REQUIRED. AT A MINIMUM, THE SERVICE GROUND SHALL BE BONDED TO BUILDING STRUCTURAL STEEL, DOMESTIC METAL COLD WATER PIE AND CONCRETE ENCASED REBAR (UFER) LOCATED WITHIN FOOTING OR BEAM OF POURED SLAB IN DIRECT CONTACT WITH EARTH, MINIMUM 20' OF 1/2" REBAR OR #4 AWG.
3. CONNECTIONS TO GROUND RODS BELOW GRADE SHALL BE EXOTHERMIC WELD CONNECTIONS.
4. COORDINATE EXACT INSTRUMENT TRANSFORMER AND METER LOCATION AND DETERMINE THE CUSTOMER'S SIDE OF THE POINT OF SERVICE DELIVERY ON SITE WITH THE LOCAL UTILITY REPRESENTATIVE.



02 SECTION THROUGH TRENCH
SCALE: N.T.S.



03 EQUIPMENT RACK DETAIL
SCALE: N.T.S.



04 LIGHTING CONTROL DETAIL
SCALE: N.T.S.

REVISIONS

NO.	DATE	DESCRIPTION

ELECTRICAL RISER AND DETAILS

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ENGINEER : STEPHEN MITCHELL
P.E. SERIAL NUMBER : #99313
DATE: 04-18-22
TX. REGD. ENGR. FIRM F-4137

JOB NO.	5835.005
DESIGNED BY:	SALM
DRAWN BY:	EG
CHECKED BY:	SALM
DATE:	AUGUST 6, 2021

SHEET: **E3.01**

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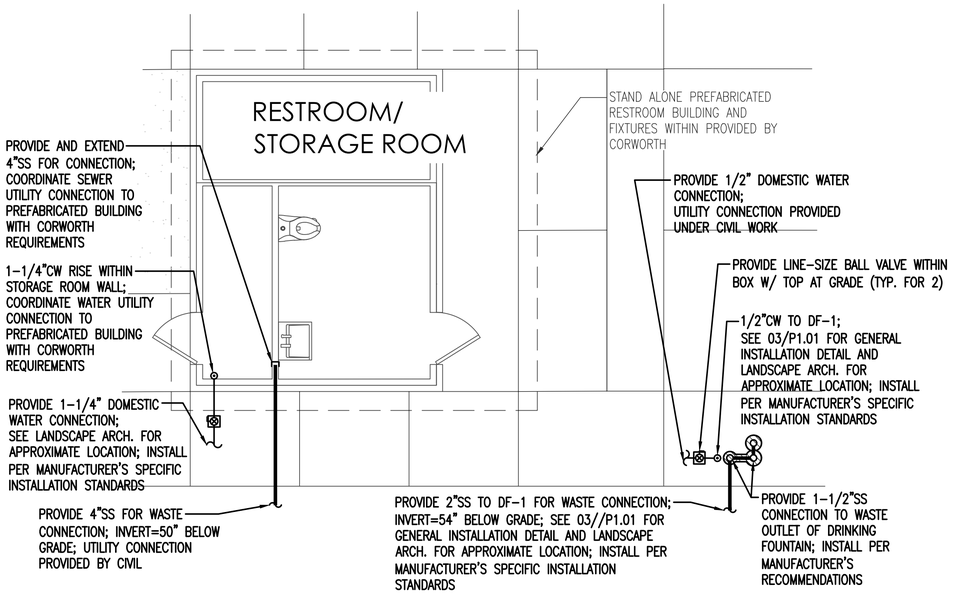
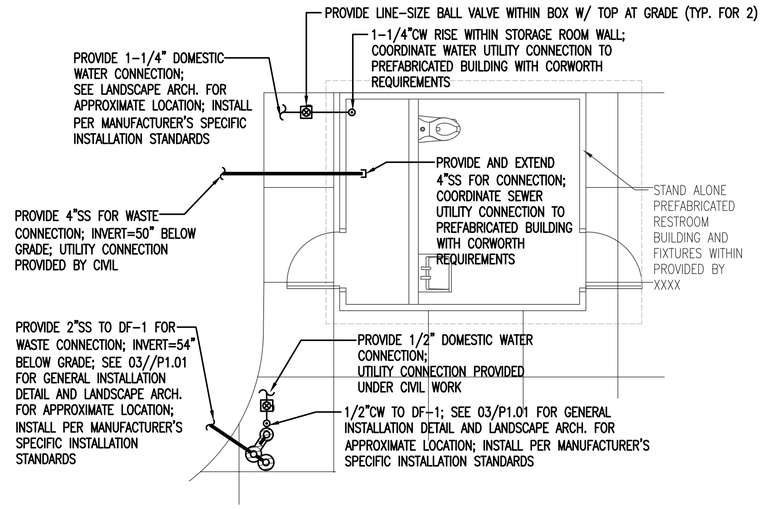


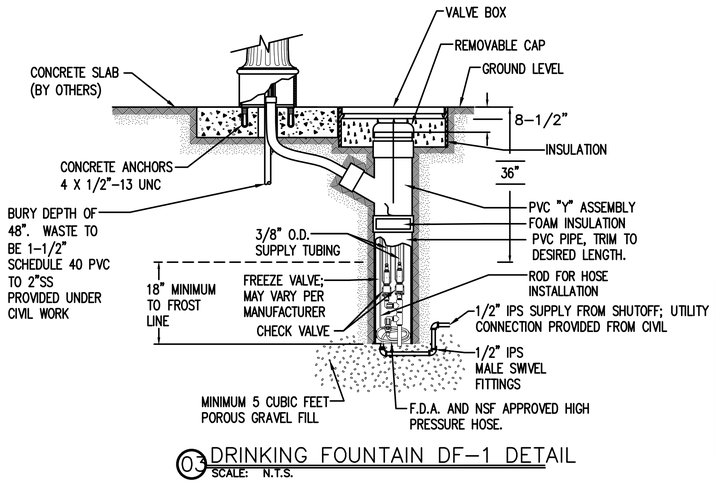
02 ENLARGED PLUMBING SITE PLAN
SCALE: 1/4"=1'-0"

Plan North



01 ENLARGED PLUMBING SITE PLAN
SCALE: 1/4"=1'-0"

Plan North



03 DRINKING FOUNTAIN DF-1 DETAIL
SCALE: N.T.S.

PLUMBING LEGEND

MARK	DESCRIPTION
	DOMESTIC WATER
SS	SANITARY SEWER PIPING
ØYCO	YARD CLEANOUT
	ELBOW DOWN
	ELBOW UP
	ELBOW FITTING
	TEE FITTING
	QUARTER-TURN BALL VALVE
YCO	YARD CLEANOUTS
FCO	FLOOR CLEANOUT
DYCO	DOUBLE YARD CLEANOUT
	DIRECTION OF FLOW
	POINT OF CONNECTION

NOTE: NOT ALL MARKS MAY BE USED

GENERAL SITE NOTES:

1. PER SAWS STANDARD SPECIFICATIONS FOR CONSTRUCTION, COPPER TUBING SHALL BE USED FOR 3/4" THROUGH 2" SERVICE LINES. BRASS FITTINGS FOR 3/4" AND 1" SERVICE LINES SHALL BE OF THE FLARED OR COMPRESSION TYPE FOR THE USE WITH TYPE 'K' SOFT ANNEALED COPPER TUBING. BRASS FITTINGS FOR 1½" AND 2" LINES SHALL BE OF THE FLARED OR COMPRESSION TYPE FOR USE WITH TYPE 'K' SOFT ANNEALED COPPER TUBING
2. CONSULT SAWS STANDARD SPECIFICATIONS FOR CONSTRUCTION FOR ALL NECESSARY REQUIREMENTS OF INSTALLATION.
3. CONTRACTOR SHALL PROVIDE ALL EXCAVATING AND BACK FILLING REQUIRED FOR ALL NEW WORK INCLUDING FILL, COMPACTION, SURFACE, ETC. TO MEET ALL REQUIREMENTS AS APPLICABLE FOR THE AREA.
4. CONTRACTOR TO DETERMINE THE PRESENCE AND LOCATION OF ANY UNDERGROUND EQUIPMENT SUCH AS TELEPHONE, ELECTRIC POWER, WATER, GAS, SEWAGE LINES, ETC. WHETHER PREVIOUSLY EXISTING OR AS INSTALLED BY OTHER TRADES, PRIOR TO THE START OF CONSTRUCTION.
5. CONTRACTOR SHALL MAINTAIN AN AS-BUILT DIMENSIONAL DRAWING ON SITE SHOWING ALL UNDERGROUND CONDUIT ROUTING AND TERMINATION POINTS.
6. DIELECTRIC UNIONS SHALL BE USED FOR CONNECTION OF PIPES MADE OF DISSIMILAR METALS.

PLUMBING FIXTURE SCHEDULE

MARK	ITEM	HW	CW	DRAIN	VENT	REMARKS
DF-1	OUTDOOR DRINKING FOUNTAIN	-	1/2"	1-1/2"	-	ELKAY MODEL LK4420BF1UDB EZH2O BOTTLE FILING STATION BI-LEVEL, PEDESTAL WITH PET STATION NON-FILTERED AND NON-REFRIGERATE, GREEN POWDER COATED STAINLESS STEEL PEDESTAL MOUNTED DRINKING FOUNTAIN W/ FREEZE RESISTANT VALVE AND PET FOUNTAIN BOWL; INSTALL PER MANUFACTURER'S INSTRUCTIONS

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ENLARGED PLUMBING SITE PLANS, LEGEND, NOTES, SCHEDULE, AND DETAILS

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

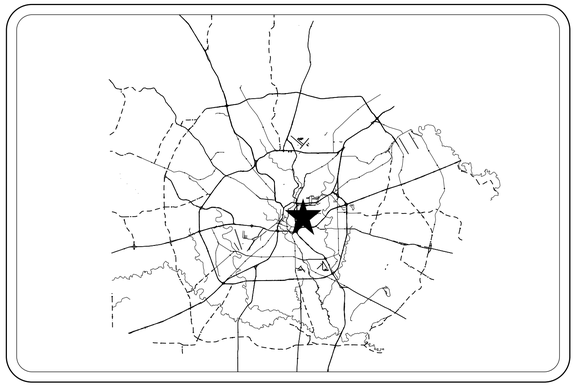
PRELIMINARY:
FOR INTERIM REVIEW NOT FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES

ENGINEER : BRUCE CECIL SMITH
P.E. SERIAL NUMBER : 68595
DATE: 04-18-22
TX. REGD. ENGR. FIRM F-4137

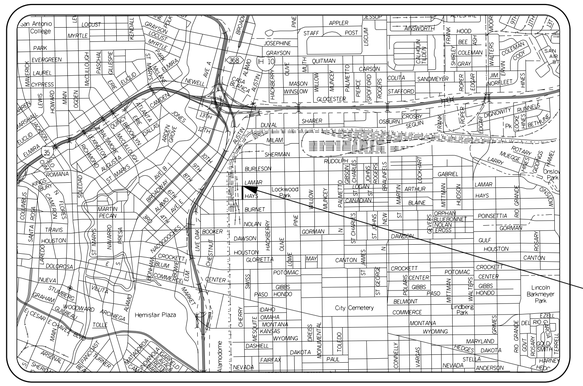
JOB NO.	5835.005
DESIGNED BY:	BRM
DRAWN BY:	BRM
CHECKED BY:	BRM
DATE:	AUGUST 6, 2021
SHEET:	P1.01

CITY OF SAN ANTONIO
PUBLIC WORKS DEPARTMENT

HAYS STREET BRIDGE PARK
UTILITY IMPROVEMENTS
APRIL 2022



VICINITY MAP
NTS



LOCATION MAP
NTS

100% PRELIMINARY SUBMITTAL

INTERIM REVIEW ONLY
DOCUMENT INCOMPLETE: NOT INTENDED FOR PERMIT, BIDDING OR CONSTRUCTION.
ENGINEER: LEONARD DALE YOUNG
P.E. SERIAL No.: 61852
DATE: 04/18/2022

INTERIM REVIEW ONLY
DOCUMENT INCOMPLETE: NOT INTENDED FOR PERMIT, BIDDING OR CONSTRUCTION.
ENGINEER: JAIME NORIEGA
P.E. SERIAL No.: 93788
DATE: 04/18/2022

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TITLE SHEET

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

JOB NO.	
DESIGNED BY:	M.A.S.
DRAWN BY:	M.A.S.
CHECKED BY:	J.N.
DATE:	

SHEET: U0.00

FULL PATH: P:\Projects\City Of San Antonio\Hays Street Bridge Park\Drawings\Projects\City Of San Antonio\Hays Street Bridge Park\Drawings\5835.005-TTLB

SAWS GENERAL CONSTRUCTION NOTES

GENERAL SECTION

1. ALL MATERIALS AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF THIS CONTRACT SHALL BE APPROVED BY THE SAN ANTONIO WATER SYSTEM (SAWS) AND COMPLY WITH THE PLANS, SPECIFICATIONS, GENERAL CONDITIONS AND WITH THE FOLLOWING AS APPLICABLE:

   A. CURRENT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) "DESIGN CRITERIA FOR DOMESTIC WASTEWATER SYSTEM", TEXAS ADMINISTRATIVE CODE (TAC) TITLE 30 PART 1 CHAPTER 217 AND "PUBLIC DRINKING WATER", TAC TITLE 30 PART 1 CHAPTER 290.
   B. CURRENT TXDOT "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS AND DRAINAGE."
   C. CURRENT "SAN ANTONIO WATER SYSTEM STANDARD SPECIFICATIONS FOR WATER AND SANITARY SEWER CONSTRUCTION."
   D. CURRENT CITY OF SAN ANTONIO "STANDARD SPECIFICATIONS FOR CONSTRUCTION."
   E. CURRENT CITY OF SAN ANTONIO "UTILITY EXCAVATION CRITERIA MANUAL"(UECM).

2. THE CONTRACTOR SHALL OBTAIN SAWS STANDARD DETAILS FROM SAWS WEBSITE: HTTP://WWW.SAWS.ORG/BUSINESS_CENTER/SPECS. UNLESS OTHERWISE NOTED WITHIN DESIGN PLANS.

3. THE CONTRACTOR IS TO NOTIFY AND MAKE ARRANGEMENTS WITH THE SAWS CONSTRUCTION INSPECTION DIVISION AT 210-233-3500, AND PROVIDE NOTIFICATION PROCEDURES THE CONTRACTOR WILL USE TO NOTIFY AFFECTED HOME RESIDENTS AND/OR PROPERTY OWNERS 72 HOURS PRIOR TO EXCAVATION.

4. LOCATIONS AND DEPTHS OF EXISTING UTILITIES AND SERVICE LATERALS SHOWN ON THE PLANS ARE UNDERSTOOD TO BE APPROXIMATE. ACTUAL LOCATIONS AND DEPTHS MUST BE FIELD VERIFIED BY THE CONTRACTOR AT LEAST 1 WEEK PRIOR TO CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE UTILITY SERVICE LINES AS REQUIRED FOR CONSTRUCTION AND TO PROTECT THEM DURING CONSTRUCTION AT NO COST TO SAWS.

5. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF UNDERGROUND UTILITIES AND DRAINAGE STRUCTURES AT LEAST 1-2 WEEKS PRIOR TO CONSTRUCTION WHETHER SHOWN ON PLANS OR NOT. PLEASE ALLOW UP TO 7 BUSINESS DAYS FOR LOCATES REQUESTING PIPE LOCATION MARKERS ON SAWS FACILITIES. THE FOLLOWING CONTACT INFORMATION ARE SUPPLIED FOR VERIFICATION PURPOSES:

   SAN ANTONIO WATER SYSTEM:
   SAWS UTILITY LOCATES: HTTP://WWW.SAWS.ORG/SERVICE/LOCATES

   COSA DRAINAGE 210-207-8048
   COSA TRAFFIC SIGNAL OPERATIONS 210-207-7720
   TEXAS STATE WIDE ONE CALL LOCATOR 1-800-545-6005 OR 811

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING EXISTING FENCES, CURBS, STREETS, DRIVEWAYS, SIDEWALKS, LANDSCAPING AND STRUCTURES TO ITS ORIGINAL OR BETTER CONDITION AS A RESULT OF DAMAGES DONE BY THE PROJECT'S CONSTRUCTION.

7. ALL WORK IN TEXAS HIGHWAY DEPARTMENT AND BEXAR COUNTY RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH RESPECTIVE CONSTRUCTION SPECIFICATIONS AND PERMIT.

8. THE CONTRACTOR SHALL COMPLY WITH CITY OF SAN ANTONIO OR OTHER GOVERNING MUNICIPALITY'S TREE ORDINANCES WHEN EXCAVATING NEAR TREES.

9. THE CONTRACTOR SHALL NOT PLACE ANY WASTE MATERIALS IN THE 100-YEAR FLOOD PLAIN WITHOUT FIRST OBTAINING AN APPROVED FLOOD PLAIN PERMIT.

10. ANY WORK COMPLETED WITHOUT PRIOR WRITTEN AUTHORIZATION WHICH IS NOT INCLUDED IN THESE PLANS AND SPECIFICATIONS WILL NOT BE COMPENSATED BY THE SAN ANTONIO WATER SYSTEM.

11. HOLIDAY WORK: CONTRACTORS WILL NOT BE ALLOWED TO PERFORM SAWS WORK ON SAWS RECOGNIZED HOLIDAYS. REQUEST SHOULD BE SENT TO CONSTWORKREQ@SAWS.ORG.

    WEEKEND WORK: CONTRACTORS ARE REQUIRED TO NOTIFY THE SAWS INSPECTION CONSTRUCTION DEPARTMENT 48 HOURS IN ADVANCE TO REQUEST WEEKEND WORK. REQUEST SHOULD BE SENT TO CONSTWORKREQ@SAWS.ORG.

    ANY AND ALL SAWS UTILITY WORK INSTALLED WITHOUT HOLIDAY/WEEKEND APPROVAL WILL BE SUBJECT TO BE UNCOVERED FOR PROPER INSPECTION.

12. PRE CON SITE VIDEO: BEFORE THE START OF ANY CONSTRUCTION. THE SITE MUST BE VIDEO RECORDED BY THE CONTRACTOR WITH ONE COPY SUBMITTED TO SAWS INSPECTIONS. A PRE-SITE VIDEO WILL PROVIDE ACCURATE DOCUMENTATION OF THE EXISTING CONDITIONS (NSPI).

13. POWER POLE BRACING: CONTRACTORS SHOULD BE ADVISED THAT THERE ARE EXISTING OVERHEAD UTILITY POLES ALONG THE PROJECT CORRIDOR. CONTRACTORS SHOULD FURTHER BE ADVISED THAT IF THE DISTANCE FROM THE OUTSIDE FACE OF A UTILITY TRENCH TO THE FACE OF A UTILITY POLE IS LESS THAN 5 FEET, SAID UTILITY POLE IS SUBJECT TO BRACING, BASED ON A DETERMINATION MADE BY UTILITY POLE OWNER. COSTS INCURRED BY CONTRACTOR FOR BRACING OF THESE UTILITY POLES IS SUBSIDIARY TO THAT RESPECTIVE UTILITY COMPANY'S WORK. IT IS ADVISABLE FOR THE CONTRACTOR TO REVIEW THE CONSTRUCTION DOCUMENTS, AND VISIT THE CONSTRUCTION SITE TO DETERMINE POTENTIAL IMPACTS.

14. CONSTRUCTION SEQUENCING: IT IS THE CONTRACTOR SOLE RESPONSIBILITY TO SCHEDULE SEQUENCING FOR REMOVAL AND INSTALLATION OF EXISTING AND PROPOSED SAWS UTILITIES IN CONJUNCTION WITH GENERAL PROJECT CONSTRUCTION. SEQUENCE OF CONSTRUCTION ACTIVITIES SHALL BE CONSIDERED IN ORDER TO MINIMIZE THE EXTENT AND DURATION OF DISTURBANCES.

SEWER SECTION:

18. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT NO SANITARY SEWER OVERFLOW (SSO) OCCURS AS A RESULT OF THEIR WORK. ALL CONTRACTOR PERSONNEL RESPONSIBLE FOR SSO PREVENTION AND CONTROL SHALL BE TRAINED ON PROPER RESPONSE. SHOULD AN SSO OCCUR, THE CONTRACTOR SHALL:

    A. IDENTIFY THE SOURCE OF THE SSO AND NOTIFY SAWS EMERGENCY OPERATIONS CENTER (EOC) IMMEDIATELY AT 210-704-SAWS (210-704-7297). PROVIDE THE ADDRESS OF THE SPILL AND AN ESTIMATED VOLUME OR FLOW.
    B. ATTEMPT TO ELIMINATE THE SOURCE OF THE SSO.
    C. CONTAIN SEWAGE FROM THE SSO TO THE EXTENT OF PREVENTING A POSSIBLE CONTAMINATION OF WATERWAYS.
    D. CLEAN UP SPILL SITE (RETURN CONTAINED SEWAGE TO THE COLLECTION SYSTEM IF POSSIBLE) AND PROPERLY DISPOSE OF CONTAMINATED SOIL/MATERIALS.
    E. CLEAN THE AFFECTED SEWER MAINS AND REMOVE ANY DEBRIS.
    F. MEET ALL POST-SSO REQUIREMENTS AS PER THE EPA CONSENT DECREE, INCLUDING LINE CLEANING AND TELEVISING THE AFFECTED SEWER MAINS (AT SAWS DIRECTION) WITHIN 24 HOURS.

    SHOULD THE CONTRACTOR FAIL TO ADDRESS AN SSO IMMEDIATELY AND TO SAWS SATISFACTION, THEY WILL BE RESPONSIBLE FOR ALL COSTS INCURRED BY SAWS, INCLUDING ANY FINES FROM EPA.

    NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE FOR THIS WORK. ALL WORK SHALL BE DONE ACCORDING TO GUIDELINES SET BY THE TCEQ AND SAWS.

19. THE CONTRACTOR SHALL PROVIDE BYPASS PUMPING OF SEWAGE AROUND EACH SEGMENT OF PIPE TO BE REPLACED, IN ACCORDANCE WITH SAWS SPECIAL SPECIFICATION ITEM NO. 864-S1, "BYPASS PUMPING SMALL DIAMETER SANITARY SEWERS" AND ITEM NO. 864-S2, "BYPASS LARGE DIAMETER SANITARY SEWERS". PAYMENT FOR SUCH WORK WILL BE MADE UNDER THE BID ITEM "SANITARY SEWER (BYPASS PUMPING)" (LUMP SUM) AS PER SAWS SPECIAL SPECIFICATION.

20. PRIOR TO TIE-INS, ANY SHUTDOWNS OF EXISTING FORCE MAINS OF ANY SIZE BE COORDINATED WITH THE SAWS CONSTRUCTION INSPECTION DIVISION AT 210-233-3500 AND/OR SAWS PRODUCTION GROUPS AT LEAST ONE WEEK OR MORE IN ADVANCE OF THE SHUTDOWN. THE CONTRACTOR MUST ALSO PROVIDE A SEQUENCE OF WORK AS RELATED TO THE TIE-INS; THIS IS AT NO ADDITIONAL COST TO SAWS OR THE PROJECT AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SEQUENCE THE WORK ACCORDINGLY.

21. ELEVATIONS POSTED FOR TOP OF MANHOLES ARE FOR REFERENCE ONLY: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE ALLOWANCES AND ADJUSTMENTS FOR TOP OF MANHOLES TO MATCH THE FINISHED GRADE OF THE PROJECT'S IMPROVEMENTS (NSPI).

22. SMART MANHOLE COVERS: THE CONTRACTOR SHALL NOTIFY JUAN C. RAMIREZ AT 210-233-3558 AND SAWS EOC AT 210-704-SAWS (210-233-7297) A MINIMUM OF 72 HOURS, NOT COUNTING WEEKENDS OR SAWS HOLIDAYS, BEFORE WORKING ON THE PIPE OR MANHOLE, IN ORDER TO HAVE SAWS REMOVE THE SMART COVER. ANY DAMAGE DONE TO THE SMART COVER WILL BE CHARGED TO THE CONTRACTOR THROUGH A CHANGE ORDER.

WATER SECTION:

23. PRIOR TO TIE-INS, ANY SHUTDOWNS OF EXISTING MAINS OF ANY SIZE MUST BE COORDINATED WITH THE SAWS INSPECTION AND/OR SAWS PRODUCTION GROUPS AT LEAST TWO WEEKS OR MORE IN ADVANCE OF THE SHUTDOWN. THE CONTRACTOR MUST ALSO PROVIDE A SEQUENCE OF WORK AS RELATED TO THE TIE-INS; THIS IS AT NO ADDITIONAL COST TO SAWS OR THE PROJECT AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SEQUENCE THE WORK ACCORDINGLY. SAWS PRODUCTION CONTROL CENTER 210-233-2016

24. ASBESTOS CEMENT (AC) PIPE, ALSO KNOWN AS TRANSITE PIPE WHICH IS KNOWN TO CONTAIN ASBESTOS-CONTAINING MATERIAL (ACM), IS LOCATED WITHIN THE PROJECT LIMITS. SPECIAL WASTE MANAGEMENT PROCEDURES AND HEALTH AND SAFETY REQUIREMENTS WILL BE APPLICABLE WHEN REMOVAL AND/OR DISTURBANCE OF THIS PIPE OCCURS, PAYMENT FOR SUCH WORK IS TO BE MADE UNDER ITEM NO. 3000, "HANDLING ASBESTOS CEMENT PIPE".

25. VALVE REMOVAL: WHERE THE CONTRACTOR IS TO ABANDON A WATER MAIN, THE CONTROL VALVE LOCATED ON THE ABANDONING BRANCH WILL BE REMOVED AND REPLACED WITH A CAP/PLUG. (NSPI)

26. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING WATER SERVICE TO EXISTING WATER MAINS AND SERVICES AT ALL TIMES.

27 SERVICE SADLES MUST BE USED WHEN TAPPING AC PIPE. DRILL TOOLS SHALL BE USED FOR SERVICES LESS THAN 2 INCHES.

ADDITIONAL NOTES

1. CONTRACTOR SHALL MAINTAIN SERVICE FROM EXISTING UTILITIES AT ALL TIMES DURING CONSTRUCTION.
2. CONTRACTOR SHALL MAINTAIN VEHICULAR ACCESS THROUGH ALL DRIVEWAYS FOR EMERGENCY VEHICLE ACCESS.
3. CONTRACTOR SHALL PROTECT AND/OR REPAIR (IF DAMAGED) ANY EXISTING SERVICE LATERALS AND IRRIGATION SHOWN OR NOT SHOWN ON THE PLANS (NSPI).
4. VERTICAL STACKS SHALL BE REQUIRED WHERE THE TOP OF THE SEWER MAIN IS AT A DEPTH OF EIGHT FEET OR GREATER FROM FINISHED GRADE. SEE SAWS STANDARD DWG DD-860-01.
5. ELEVATIONS POSTED FOR THE TOPS OF MANHOLES ARE FOR REFERENCE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE ALLOWANCE AND ADJUSTMENTS FOR THE TOP OF MANHOLES TO MATCH PROPOSED SURFACE GRADE AND COAT THE MANHOLES. (NSPI)
6. CPS GAS SERVICES LOCATED WITHIN THE PROJECT AREA. CONTRACTOR TO LOCATE SERVICES AND USE EXTREME CAUTION WHEN WORKING IN THE AREA OF GAS LINES. GAS SERVICES ARE NOT SHOWN ON THE PLANS.
7. THE CONTRACTOR SHALL BE AWARE THAT THE QUANTITIES SHOWN MAY CHANGE. SAWS RESERVES THE RIGHT TO MAKE ADJUSTMENTS IN THE FIELD. PAYMENT FOR PERFORMING THE WORK SHALL BE MADE AT THE ESTABLISHED BID UNIT PRICE IN THE CONTRACT.
8. OTHER UTILITY WORK AND ROADWAY WORK TO TAKE PLACE CONCURRENTLY IN THE AREA. CLOSE COORDINATION OF SCHEDULES MUST OCCUR WITH UTILITY/ROADWAY CONTRACTORS, SAWS INSPECTOR, AND COSA PERSONNEL WITHIN THE PROJECT LIMITS.
9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SEE THAT ALL SIGNS AND BARRICADES ARE PROPERLY MAINTAINED. ALL LOCATIONS AND DISTANCES SHALL BE DECIDED UPON IN THE FIELD BY THE CONTRACTOR USING THE "TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES." IF IN THE OPINION OF THE TRAFFIC ENGINEERING REPRESENTATIVE AND THE CONSTRUCTION INSPECTOR THE BARRICADES AND SIGNS DO NOT CONFORM TO ESTABLISHED STANDARDS OR ARE INCORRECTLY PLACED OR INSUFFICIENT QUANTITY TO PROTECT THE GENERAL PUBLIC, THE CONSTRUCTION INSPECTOR SHALL HAVE THE OPTION TO STOP OPERATIONS UNTIL SUCH TIME AS THE CONDITIONS ARE CORRECTED.

CITY PUBLIC SERVICE ENERGY (CPS) NOTES

1. CALL CPS LOCATOR AT 978-3500 48 HOURS BEFORE BEGINNING ANY EXCAVATION.
2. DUE TO FEDERAL REGULATION TITLE 49, PART 192.181, CPS MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN THE PROJECT AREA.
3. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING CPS ENERGY OVERHEAD AND UNDERGROUND ELECTRIC FACILITIES IN AND ADJACENT TO WORK AREAS.

GENERAL TRAFFIC NOTES

1. PLEASE REFERENCE TRAFFIC CONTROL PLANS AND SEQUENCE OF CONSTRUCTION.

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ENGINEER: LEONARD DALE YOUNG
P.E. SERIAL NO.: 61852
DATE: 04/18/2022

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ENGINEER: JAIME NORIEGA
P.E. SERIAL NO.: 93788
DATE: 04/18/2022

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Registration No. F-8635

REVISIONS

NO.	DATE	DESCRIPTION

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG. F-1114)

GENERAL NOTES

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

JOB NO.	
DESIGNED BY:	M.A.S.
DRAWN BY:	M.A.S.
CHECKED BY:	J.N.
DATE:	
SHEET:	U1.01

FULL PATH: P:/Projects/City Of San Antonio/Hays Street Bridge Park/Drawings/Projects/City Of San Antonio/Hays Street Bridge Park/Drawings/3835.005-TTLB

GENERAL SECTION

1. CONTRACTOR SHALL INCORPORATE THE USE OF A TRENCH BOX OR OTHER ACCEPTABLE SAFETY SYSTEM IN ANY TRENCH THAT EXCEEDS FIVE (5) FEET IN DEPTH. CONTRACTOR SHALL HAVE A TEXAS LICENSED PROFESSIONAL ENGINEER DESIGN THE TRENCH EXCAVATION PROTECTION SYSTEM (N.S.P.I.). CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALSWORKING IN AND AROUND TRENCH EXCAVATION.

2. CONTRACTOR TO PROVIDE PROPERTY OWNER ACCESS TO PROPERTY AT ALL TIMES. ANY RESTRICTION IN ACCESS SHALL BE COMMUNICATED TO THE PROPERTY OWNER AND SAWS A MINIMUM OF 48 HOURS IN ADVANCE.

3. MAINTAIN EXISTING DRAINAGE WHEN WORKING IN R.O.W.

4. CONTRACTOR TO MAINTAIN WATER CONNECTIONS AT ALL TIMES DURING THE CUT/ FILL AND/OR PREPARATION OF ROW. CONTRACTOR SHALL ALSO MAINTAIN ACCESS TO EXISTING AND PROPOSED WATER VALVES AT ALL TIMES (NSPI).

5. ALL EXISTING FIRE HYDRANTS THAT ARE SHOWN AS TO BE REMOVED SHALL BE SALVAGED AND RETURNED TO SAWS (NSPI).

6. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY WATER VALVES THAT ARE IN THE PROJECT AREA. ALL WATER VALVES AND MANHOLES IN SERVICE, EXISTING OR NEW, SHALL REMAIN UNCOVERED FOR FULL ACCESS BY SAWS AT ALL TIMES.

7. SEE COSA TRAFFIC CONTROL PLAN FOR PHASING AND SEQUENCING OF WORK.

8. THE CONTRACTOR SHALL PROVIDE EROSION CONTROL TO PREVENT POLLUTION OF STORM WATER ORIGINATING UP GRADIENT, AND PREVENT DOWNSTREAM POLLUTION BY CONTAMINATED STORM WATER RUNOFF FROM THE SITE. THIS WORK SHALL BE PERFORMED IN ACCORDANCE WITH LOCAL, STATE, AND NATIONAL REQUIREMENTS.

9. THE CONTRACTOR/FOREMAN SHALL AVOID CUTTING ROOTS LARGER THAN ONE INCH IN DIAMETER WHEN EXCAVATING NEAR EXISTING TREES, EXCAVATION IN VICINITY OF TREES SHALL PROCEED WITH CAUTION. THE CONTRACTOR/FOREMAN SHALL CONTACT THE CITY ARBORIST AT 207-0278 FOR GUIDANCE.

10. PROPERTY LINES SHOWN ARE APPROXIMATE.

11. CONTRACTOR SHALL PROTECT EXISTING SIGNS (NSPI) AND SHALL PROVIDE TEMPORARY SIGNS AND SALVAGE AND REPLACE SIGNS THAT INTERFERE WITH CONSTRUCTION OF WATER MAIN (NSPI).

12. CONTRACTOR SHALL RESTORE PAVEMENT IN ACCORDANCE WITH THE PAVEMENT REPLACEMENT DETAIL, UNLESS OTHERWISE CALLED OUT ON PLANS.

13. WHERE REMOVAL OF PERMANENT FENCING IS REQUIRED, CONTRACTOR TO PROVIDE TEMPORARY FENCING AND GATES ALONG LIMITS OF CONSTRUCTION TO SECURE PRIVATE PROPERTY DURING CONSTRUCTION ACTIVITY. (NSPI)

14. THE CONTRACTOR SHALL REGRADE AND RESTORE CREEK BEDS, DRAINAGE WAYS AND DITCH LINES TO PRECONSTRUCTION ELEVATIONS-NO MOUNDING OF DIRT. CONTRACTOR TO RESTORE CULTIVATED FIELDS TO EXISTING CONDITION OR TO THE SATISFACTION OF PROPERTY OWNER.

15. MAXIMUM JOINT DEFLECTION AND/OR MINIMUM RADIUS OF CURVES USED TO OFFSET WATER LINE IS PER MANUFACTURER'S RECOMMENDATIONS.

16. CONTRACTOR TO SUPPORT AND KEEP INTACT STORM DRAINS AND INLET STRUCTURES. ANY DAMAGES INCURRED WILL BE AT THE CONTRACTOR'S EXPENSE.

17. CONCRETE ENCASEMENT, WHERE REQUIRED, SHALL BE PLACED FOR FULL WIDTH OF THE TRENCH TO A PLANE SIX (6) INCHES ABOVE THE TOP OF THE PIPE. NO DIRECT PAYMENT WILL BE MADE FOR CONCRETE ENCASEMENT EXTENDING FURTHER THAN SIX (6) INCHES IN A HORIZONTAL PLANE OR VERTICAL PLANE FROM THE PIPE, REGARDLESS OF THE AMOUNT PLACED. (SEE SAWS STANDARD DETAIL (DD-858-01)

18. BEDDING AND INITIAL BACKFILL SHALL MEET OR EXCEED THE REQUIREMENTS OF THE SPECIAL SPECIFICATIONS APPROVED FOR THIS PROJECT. SECONDARY BACKFILL SHALL MEET OR EXCEED THE REQUIREMENTS OF THE SPECIAL SPECIFICATIONS APPROVED FOR THIS PROJECT OR COSA STANDARD SPECIFICATION, ITEM 400, WHICHEVER IS MORE STRINGENT.

19. ALL AREAS DISTURBED BY THE CONSTRUCTION SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION THAN THE START OF CONSTRUCTION. ALL REMOVED GATES, FENCES, IMPROVEMENTS, LANDSCAPING, ETC. SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER, UNLESS OTHERWISE STIPULATED IN THE CONSTRUCTION DOCUMENTS.

20. SAWS SHALL MACHINE CHLORINATE NEW WATER MAINS WHERE WATER MAIN LENGTHS ARE GREATER THAN 800 FT. CONTRACTOR TO NOTIFY SAWS ONE WEEK PRIOR TO COMMENCING CHLORINATION.

21. CONTRACTOR SHALL CHLORINATE NEW MAINS WITH HTH WHERE WATER MAIN LENGTHS ARE 800-FEET OR LESS (NSPI). CONTRACTOR TO NOTIFY SAWS ONE WEEK PRIOR TO COMMENCING CHLORINATION.

22. REMOVAL OF ABANDONED FACILITIES, WHETHER EXISTING OR ABANDONED AS PART OF THIS PROJECT, SHALL BE PAID FOR UNDER TXDOT ITEM 100, "PREPARING ROW." EXISTING TREES AND SIGNS IN ACQUIRED RIGHT-OF-WAY TO ALSO BE PAID FOR UNDER ITEM 100.

23. CONTRACTOR TO MAINTAIN WATER SERVICE AT ALL TIMES. ANY TEMPORARY SERVICES SHALL BE COORDINATED WITH SAWS.
24. REFER TO COSA ROADWAY PLANS FOR OVERALL TRAFFIC CONTROL PLAN. ALL WATER WORK TO BE PERFORMED DURING TCP PHASE 1.

TRENCH EXCAVATION PROTECTION NOTES

1. CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES.

2. THE CONTRACTOR'S IMPLEMENTATION OF THE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLIES WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS.

3. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

SAWS LOCATOR NOTE

LOCATION AND DEPTH OF THE EXISTING WATER AND SEWER MAINS AND SERVICES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. ACTUAL LOCATION AND DEPTHS MUST BE VERIFIED BY THE CONTRACTOR 48 HOURS PRIOR TO BEGINNING CONSTRUCTION BY CALLING THE SAWS LOCATOR AT (210) 704-7297. THE CONTRACTOR SHOULD EXERCISE EXTREME CAUTION WHEN WORKING NEAR EXISTING WATER AND SEWER FACILITIES AND SHOULD THEY BE DAMAGED DURING CONSTRUCTION OPERATIONS. THE CONTRACTOR WILL BE REQUIRED TO REIMBURSE THE SAN ANTONIO WATER SYSTEM FOR THE TOTAL COST TO REPAIR AND REPLACE THE DAMAGED FACILITIES. NECESSARY POTHOLES TO BE PERFORMED AT CONTRACTOR'S EXPENSE.

SHEET NOTES

1. TRENCH EXCAVATION SAFETY PROTECTION SHALL BE IN ACCORDANCE WITH GENERAL NOTES AND SPECIFICATION.

2. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES INDICATED ON THE PLANS ARE TAKEN FROM AVAILABLE RECORDS AND ARE NOT GUARANTEED, BUT SHALL BE INVESTIGATED AND VERIFIED BY THE CONTRACTOR BEFORE STARTING WORK.

3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AND PROTECTING THE INTEGRITY OF POWER POLES AND GUY WIRES DURING CONSTRUCTION (NSPI).

4. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING WATER SERVICE TO EXISTING WATER MAINS AND SERVICES AT ALL TIMES.

5. CONTRACTOR SHALL PROTECT AND/OR REPAIR (IF DAMAGED) ANY EXISTING WATER SERVICE LATERALS AND IRRIGATION SHOWN OR NOT SHOWN ON THE PLANS (NSPI).

6. CONTRACTOR SHALL MAINTAIN VEHICULAR ACCESS THROUGH ALL DRIVEWAYS FOR EMERGENCY ACCESS.

7. SAWS SHALL MACHINE CHLORINATE NEW MAINS UNLESS OTHERWISE STATED.

8. PROPERTY LINES SHOWN ARE APPROXIMATE.

9. CONTRACTOR TO PROTECT EXIST SIGNS (NSPI). PROVIDE TEMPORARY SIGNS AND SALVAGE AND REPLACE SIGNS THAT INTERFERE WITH CONSTRUCTION OF WATER MAIN (NSPI).

10. PRIOR TO TIE-IN'S, ANY SHUTDOWNS OF EXISTING MAINS OF ANY SIZE MUST BE COORDINATED WITH THE SAWS CONSTRUCTION INSPECTION DIVISION AT (210) 233-3500 AND/OR SAWS PRODUCTION GROUPS AT LEAST TWO WEEKS IN ADVANCE OF THE SHUTDOWN. THE CONTRACTOR MUST ALSO PROVIDE A SEQUENCE OF WORK AS RELATED TO THE TIE-IN'S; THIS IS AT NO ADDITIONAL COST TO SAWS OR PROJECT AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SEQUENCE THE WORK ACCORDINGLY.

11. FOR ASBESTOS CEMENT PIPE REMOVAL SEE GENERAL NOTES ON SHEETS 2 AND 3.

12. ALL PROPOSED WATER PIPE SHALL HAVE 4 FEET OF COVER FROM FINISHED GRADE UNLESS OTHERWISE NOTED ON PLANS.

13. VALVE BOXES TO BE SET FLUSH WITH FINISHED COSA GRADE OF PARKWAY OR ROAD (NSPI).

14. FIRE HYDRANTS TO BE A MAX. OF 7 FT. FROM THE CURB.

FLOWABLE FILL NOTES

INSTALL FLOWABLE FILL IN LIEU OF "SECONDARY BACKFILL" FOR WATER SUPPLY MAIN INSTALLED UNDER PROPOSED PAVEMENT.

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ENGINEER: LEONARD DALE YOUNG
P.E. SERIAL No.: 61852
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ENGINEER: JAIME NORIEGA
P.E. SERIAL No.: 93788
DATE: 04/18/2022

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REVISIONS

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GENERAL NOTES

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

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CHECKED BY:	J.N.
DATE:	
SHEET:	U1.02

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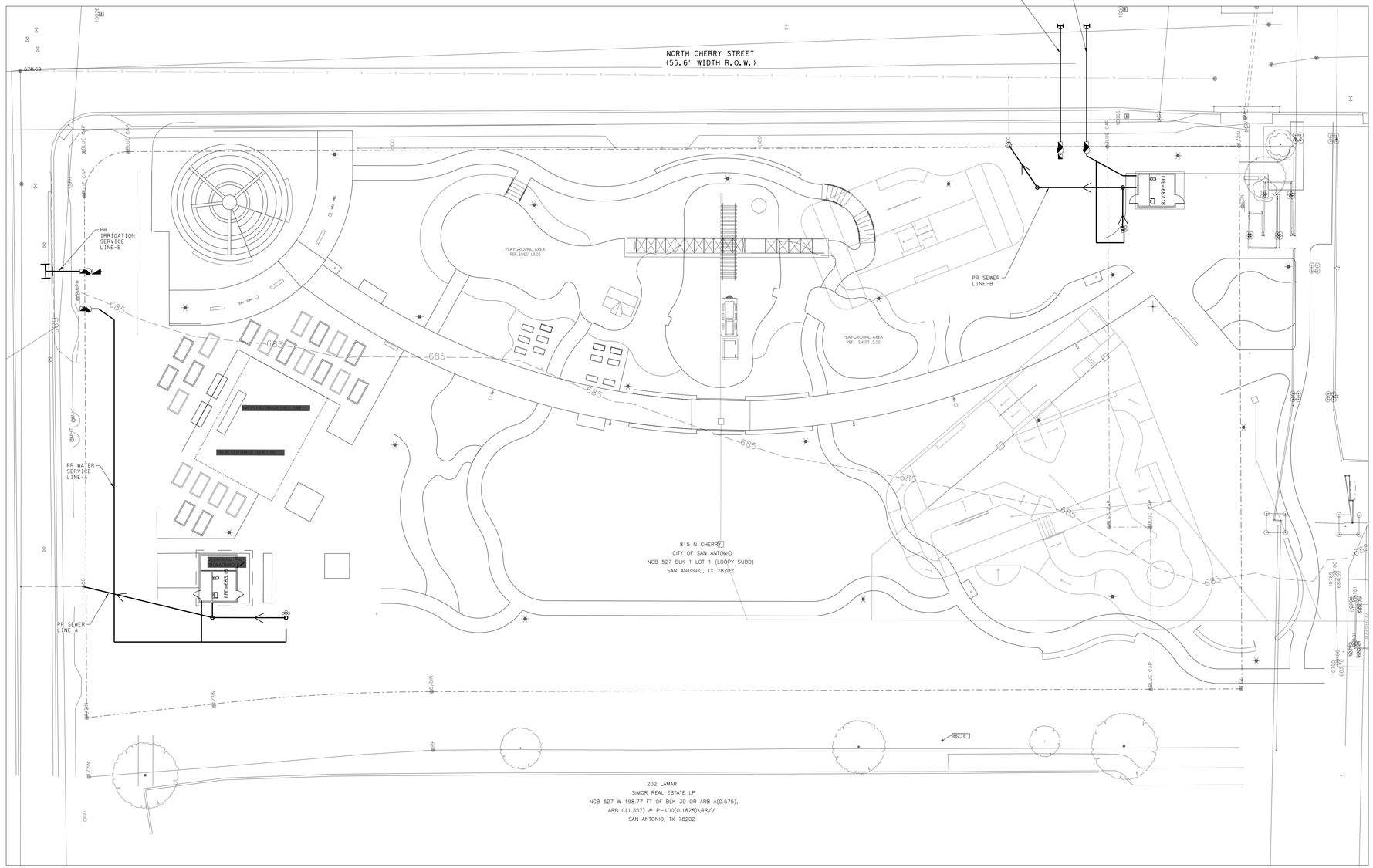

LEGEND

- PROP. SANITAR SEWER MAIN/ FORCE MAIN
- PROP. WATER SERVICE LINE
- PROP. SANITARY SEWER CLEANOUT
- TREE
- EXIST. SANITARY SEWER MANHOLE
- SURVEY CONTROL POINT
- EX FIRE HYDRANT

20 10 0 20
SCALE FEET
SCALE: 1"=20' HORIZ

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TRENCH EXCAVATION SAFETY PROTECTION:
CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL VIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT THE CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS, AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLIES WITH, AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, THE CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

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REVISIONS

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OVERALL UTILITY PLAN

BERKLEY V. AND VINCENT M. DAWSON PARK
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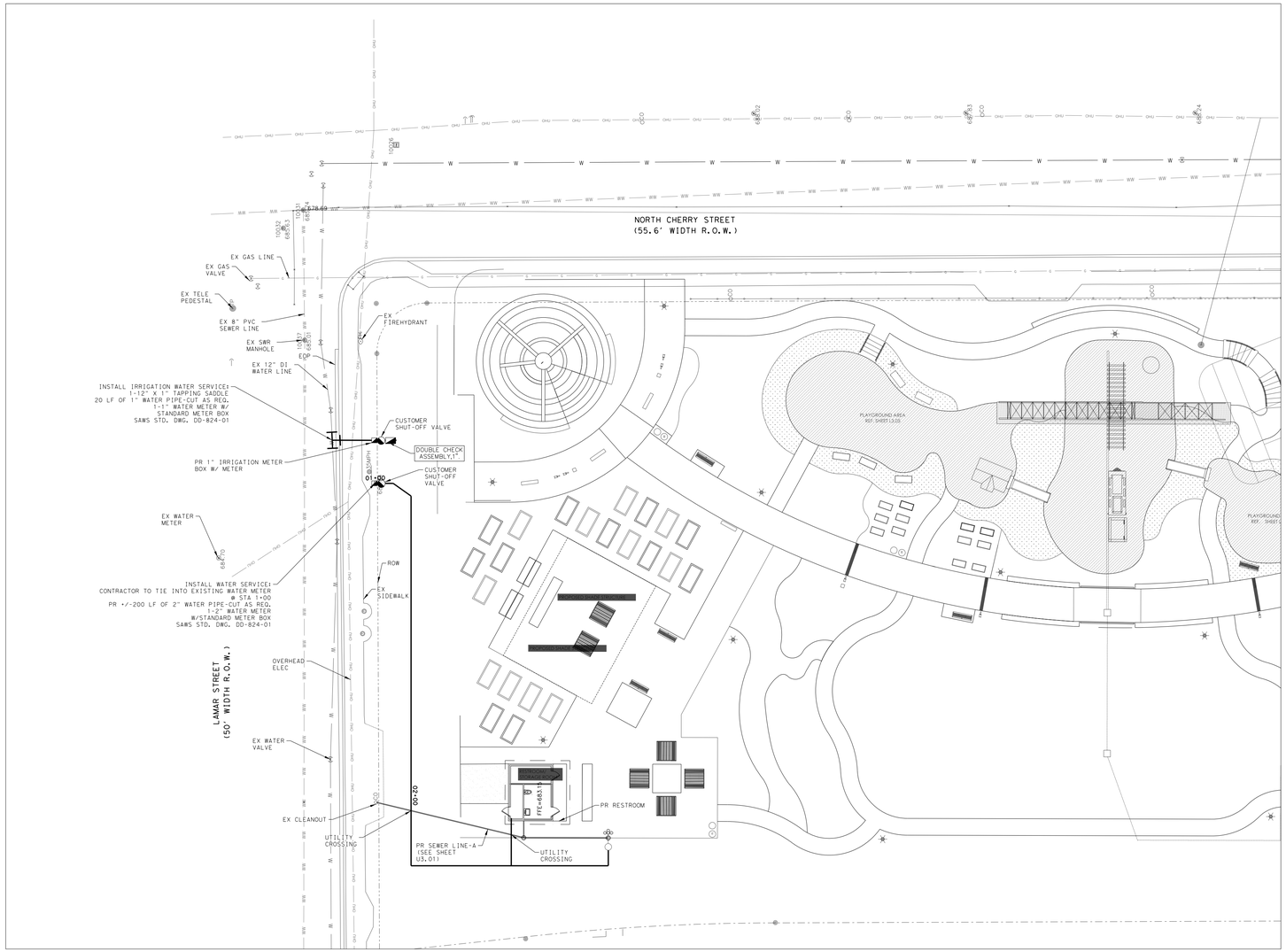
DATE:	
SHEET:	U2.00

FULL PATH: P:\Projects\City Of San Antonio\Hays Street Bridge Park\Drawings\Projects\City Of San Antonio\Hays Street Bridge Park\Drawings\5835.000-TTLB

ESTIMATED QUANTITIES			
ITEM	DESCRIPTION	UNIT	QTY
SAWS 550	WTR TRENCH EXCAVATION PROTECTION	LF	200
SAWS 822	2" LONG YARD PIPING (OPEN CUT)	LF	200
SAWS 824	NEW 1" SHORT SERVICE	EA	1
SAWS 824.5	CUSTOMER SHUT-OFF VALVE	EA	2
SAWS 832	12" x 1" TAPPING SLEEVE AND VALVES	EA	1
SAWS 833	METER AND METER BOX INSTALLATION	EA	2
SAWS 841	HYDROSTATIC TEST	EA	2
SAWS 844	TEMPORARY BLOW-OFF (COMPLETE)(2 IN)	EA	2
COSA 103.1	REMOVE CONCRETE CURB (< 700 LF)	LF	10
COSA 103.3	REMOVE CONCRETE SIDEWALK (< 1000 SF)	SF	25
COSA 500.4	CONCRETE CURB (< 1000 LF)	LF	10
COSA 502.1	CONCRETE SIDEWALKS (< 150 SY)	SY	3
COSA 515.1	TOPSOIL (<500 CY)	CY	3
COSA 520.1	HYDROMULCHING	SY	20
SUP2	1" IRRIGATION BACKFLOW PREVENTOR	EA	1



LEGEND

- PROP. SANITAR SEWER MAIN/ FORCE MAIN
- PROP. WATER SERVICE LINE
- PROP. SANITARY SEWER CLEANOUT
- TREE
- EXIST. SANITARY SEWER MANHOLE
- SURVEY CONTROL POINT
- EX FIRE HYDRANT

20 10 0 20
SCALE FEET
SCALE: 1"=20' HORIZ

PR 2 INCH WATER SERVICE-A & PR 1" INCH IRRIGATION SERVICE-A

TRENCH EXCAVATION SAFETY PROTECTION:
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REVISIONS

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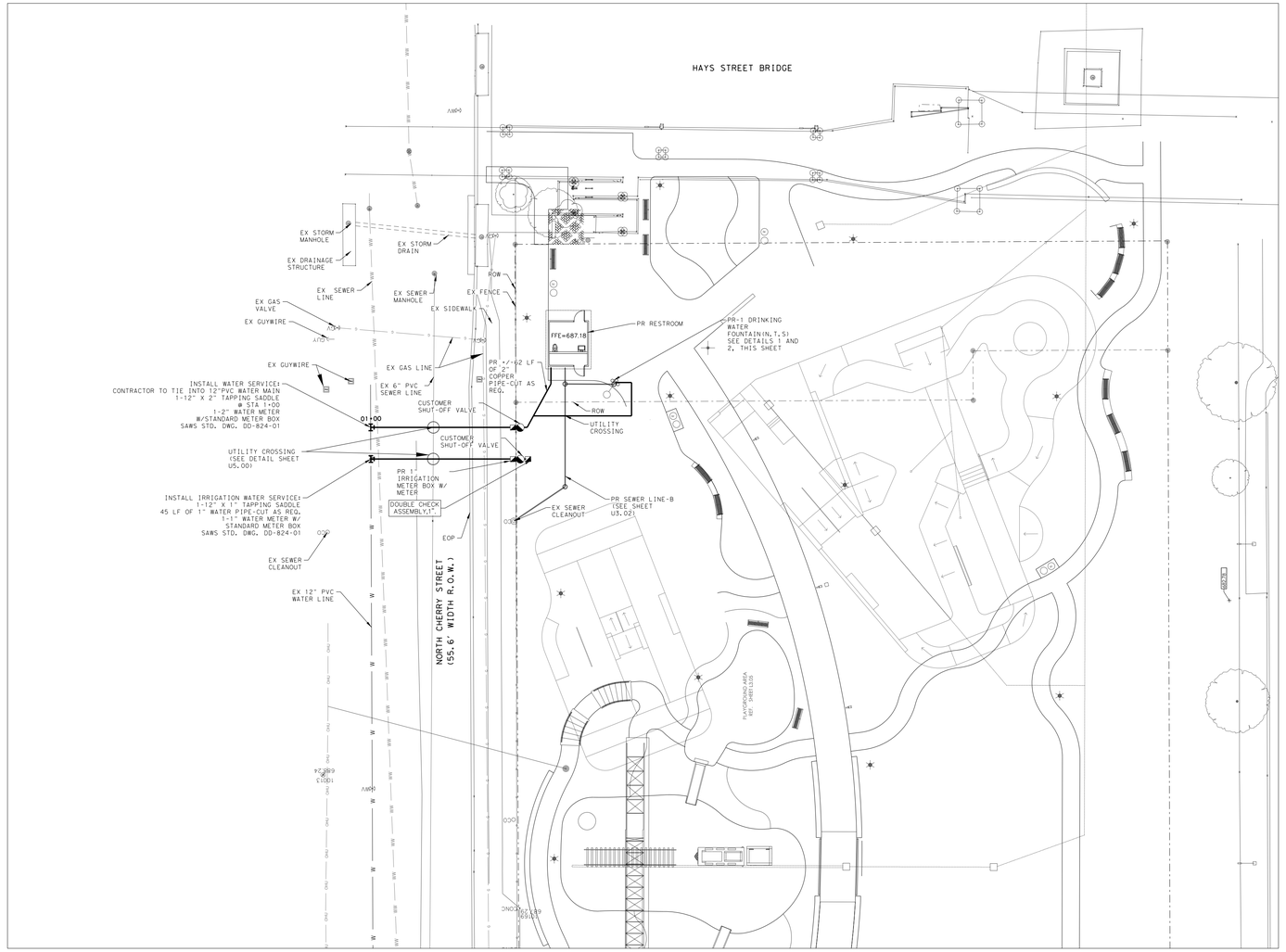
WATER SERV. -A & IRR. SERV. -A

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

JOB NO.	
DESIGNED BY:	M.A.S.
DRAWN BY:	M.A.S.
CHECKED BY:	J.N.
DATE:	
SHEET:	U3.01

FULL PATH: P:\Projects\City of San Antonio\Hays Street Bridge Park\Drawings\Projects\City of San Antonio\Hays Street Bridge Park\Drawings\5835.005-TTLB

ESTIMATED QUANTITIES			
ITEM	DESCRIPTION	UNIT	QTY
SAWS 550	WTR TRENCH EXCAVATION PROTECTION	LF	62
SAWS 822	2" LONG YARD PIPING (OPEN CUT)	LF	62
SAWS 824	NEW 1" SHORT SERVICE	EA	1
SAWS 824	NEW 2" LONG SERVICE	EA	1
SAWS 824.5	CUSTOMER SHUT-OFF VALVE	EA	2
SAWS 832	12" x 1" TAPPING SLEEVE AND VALVES	EA	1
SAWS 832	12" x 2" TAPPING SLEEVE AND VALVES	EA	1
SAWS 833	METER AND METER BOX INSTALLATION	EA	2
SAWS 841	HYDROSTATIC TEST	EA	2
SAWS 844	TEMPORARY BLOW-OFF (COMPLETE)(2 IN)	EA	2
COSA 103.1	REMOVE CONCRETE CURB (< 700 LF)	LF	20
COSA 103.3	REMOVE CONCRETE SIDEWALK (< 1000 SF)	SF	60
COSA 413.1	FLOWABLE FILL	CY	11
COSA 500.4	CONCRETE CURB (< 1000 LF)	LF	20
COSA 502.1	CONCRETE SIDEWALKS (< 150 SY)	SY	7
COSA 511.3	HMAC - TYPE D (2" COMPACTED DEPTH)	SY	18
COSA 511.3	ATB (8" COMPACTED DEPTH)	SY	15
COSA 515.1	TOPSOIL (<500 CY)	CY	3
COSA 520.1	HYDROMULCHING	SY	20
SUP1	REMOVE AND REPLACE WIRE FENCE	LF	20
SUP2	1" IRRIGATION BACKFLOW PREVENTOR	EA	1



PR 2 INCH WATER SERVICE-B & PR 1" INCH IRRIGATION SERVICE-B

LEGEND

- PROP. SANITAR SEWER MAIN/ FORCE MAIN
- PROP. WATER SERVICE LINE
- PROP. SANITARY SEWER CLEANOUT
- TREE
- EXIST. SANITARY SEWER MANHOLE
- SURVEY CONTROL POINT
- EX FIRE HYDRANT

20 10 0 20
SCALE FEET
SCALE: 1"=20' HORIZ

TRENCH EXCAVATION SAFETY PROTECTION:
CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL VIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT THE CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS, AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLIES WITH, AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, THE CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

SAWS LOCATOR NOTE:
LOCATION AND DEPTH OF THE EXISTING WATER AND SEWER MAINS AND SERVICES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. ACTUAL LOCATION AND DEPTHS MUST BE VERIFIED BY THE CONTRACTOR 48 HOURS PRIOR TO BEGINNING CONSTRUCTION BY CALLING THE SAWS LOCATOR AT (210) 704-7297. THE CONTRACTOR SHOULD EXERCISE EXTREME CAUTION WHEN WORKING NEAR EXISTING WATER AND SEWER FACILITIES AND SHOULD THEY BE DAMAGED DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR WILL BE REQUIRED TO REIMBURSE THE SAN ANTONIO WATER SYSTEM FOR THE TOTAL COST TO REPAIR AND REPLACE THE DAMAGED FACILITIES. NECESSARY POTHOLES TO BE PERFORMED AT CONTRACTOR'S EXPENSE.

100% PRELIMINARY SUBMITTAL

INTERIM REVIEW ONLY
DOCUMENT INCOMPLETE: NOT INTENDED FOR PERMIT, BIDDING OR CONSTRUCTION.
ENGINEER: LEONARD DALE YOUNG
P.E. SERIAL No.: 61852
DATE: 04/18/2022

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ENGINEER: JAIME NORIEGA
P.E. SERIAL No.: 93788
DATE: 04/18/2022

YOUNG PROFESSIONAL RESOURCES
8940 Fourwinds Drive, Suite 309
Windcrest, TX 78239
Tel. (210) 590-9215 Fax (210)590-9346
Young Professional Resources ©
Registration No. F-9635

REVISIONS

NO.	DATE	DESCRIPTION

WATER SERV. -B & IRR. SERV. -B

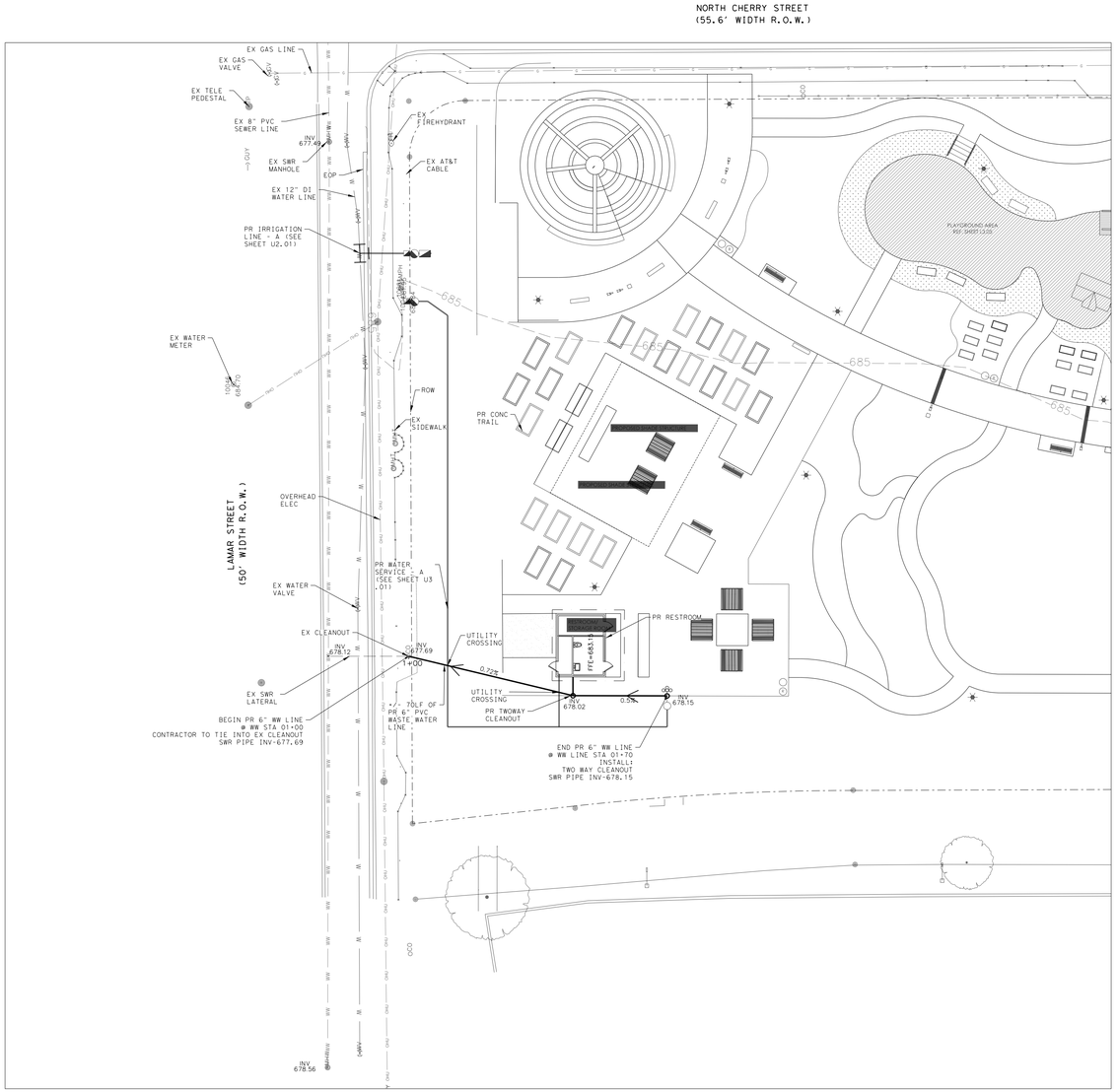
DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
[TX REG. F-1114]

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

JOB NO.	
DESIGNED BY:	M.A.S.
DRAWN BY:	M.A.S.
CHECKED BY:	J.N.
DATE:	
SHEET:	U3.02

FULL PATH: P:\Projects\City Of San Antonio\Hays Street Bridge Park\Drawings\Projects\City Of San Antonio\Hays Street Bridge Park\Drawings\5835.005-TTLB

ESTIMATED QUANTITIES			
ITEM	DESCRIPTION	UNIT	QTY
SAWS 550	SAN SWR TRENCH EXCAVATION PROTECTION	LF	70
SAWS 848	6" PVC SAN SWR PIPE SDR 26 ASTM D2241 160 PSI	LF	70
SAWS 854.1	TWO-WAY SANITARY SEWER CLEAN-OUT	EA	2
COSA 515.1	TOP SOIL	CY	3
COSA 520.1	HYDROMULCHING	SY	20
SUP1	REMOVE AND REPLACE WIRE FENCE	LF	10



PR 6 INCH SEWER LINE - A

LEGEND

- PROP. SANITAR SEWER MAIN/ FORCE MAIN
- PROP. WATER SERVICE LINE
- PROP. SANITARY SEWER CLEANOUT
- TREE
- EXIST. SANITARY SEWER MANHOLE
- SURVEY CONTROL POINT

20 10 0 20
SCALE FEET
SCALE: 1"=20' HORIZ
1"=5' VERT

TRENCH EXCAVATION SAFETY PROTECTION:
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100% PRELIMINARY SUBMITTAL

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ENGINEER: LEONARD DALE YOUNG
P.E. SERIAL No.: 61852
DATE: 04/18/2022

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ENGINEER: JAIME NORIEGA
P.E. SERIAL No.: 93788
DATE: 04/18/2022

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8940 Fourwinds Drive, Suite 309
Windcrest, TX 78239
Tel. (210) 590-9215 Fax (210)590-9346
Young Professional Resources ©
Registration No. F-8635

REVISIONS

NO.	DATE	DESCRIPTION

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG: F-1114)

SEWER LINE - A

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

JOB NO.	
DESIGNED BY:	M.A.S.
DRAWN BY:	M.A.S.
CHECKED BY:	J.N.
DATE:	
SHEET:	U4.01

FULL PATH: P:\Projects\City of San Antonio\Hays Street Bridge Park\Drawings\Projects\City of San Antonio\Hays Street Bridge Park\Drawings\5835.005-TILB

ESTIMATED QUANTITIES			
ITEM	DESCRIPTION	UNIT	QTY
SAWS 550	SAN SWR TRENCH EXCAVATION PROTECTION	LF	60
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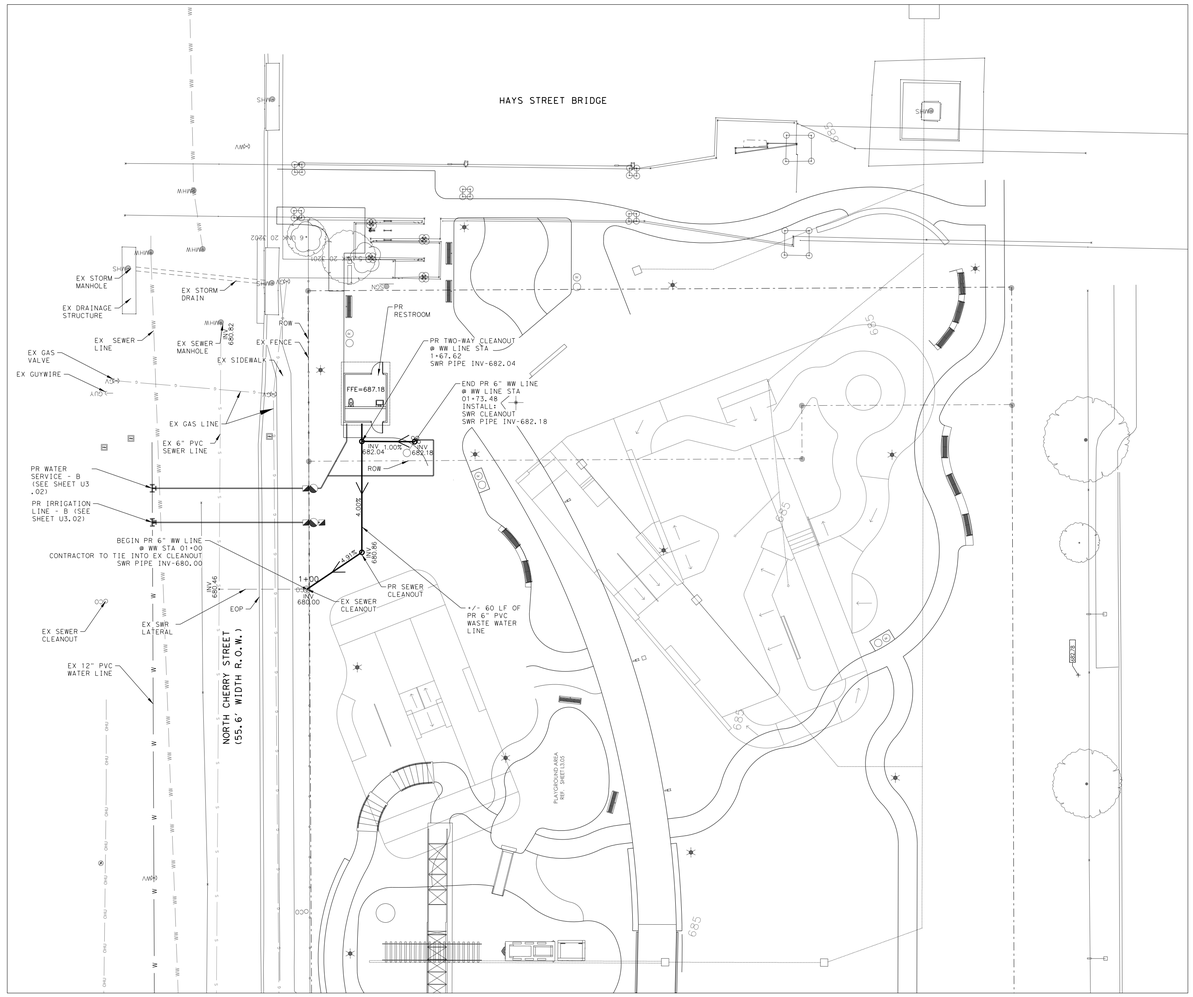
COSA 515.1	TOP SOIL	CY	3
COSA 520.1	HYDROMULCHING	SY	20
SUP1	REMOVE AND REPLACE WIRE FENCE	LF	10



PR 6 INCH SEWER LINE - B

LEGEND

- PROP. SANITAR SEWER MAIN/ FORCE MAIN
- PROP. WATER SERVICE LINE
- PROP. SANITARY SEWER CLEANOUT
- TREE
- EXIST. SANITARY SEWER MANHOLE
- SURVEY CONTROL POINT

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P.E. SERIAL No.: 61852
DATE: 04/18/2022

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ENGINEER: JAIME NORIEGA
P.E. SERIAL No.: 93788
DATE: 04/18/2022

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Windcrest, TX 78239
Tel. (210) 590-9215 Fax (210)590-9346
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Registration No. F-8635

REVISIONS

NO.	DATE	DESCRIPTION

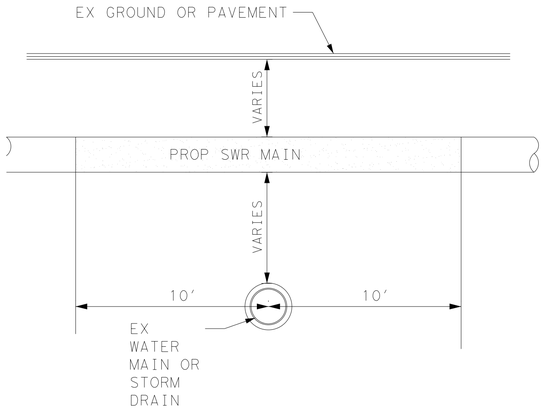
DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
[TX REG. F-1114]

SEWER LINE - B

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

JOB NO.	
DESIGNED BY:	M.A.S.
DRAWN BY:	M.A.S.
CHECKED BY:	J.N.
DATE:	
SHEET:	U4.02

FULL PATH: P:\Projects\City Of San Antonio\Hays Street Bridge Park\Drawings\Projects\City Of San Antonio\Hays Street Bridge Park\Drawings\3835.000-TTLB



UTILITY CROSSING DETAIL-A

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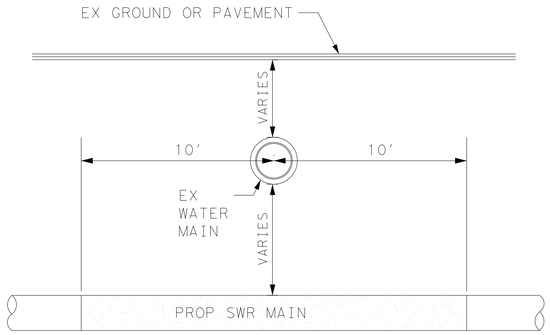

UTILITY CROSSING DETAIL-B

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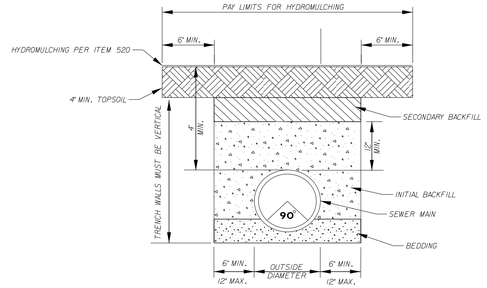
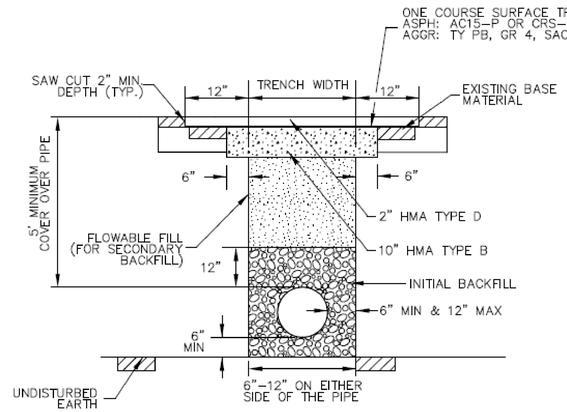
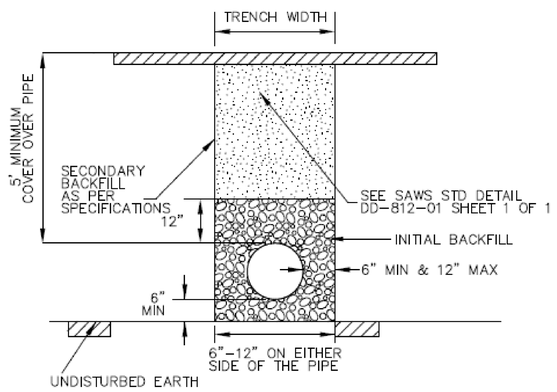


HYDROMULCHING

SCALE: NTS



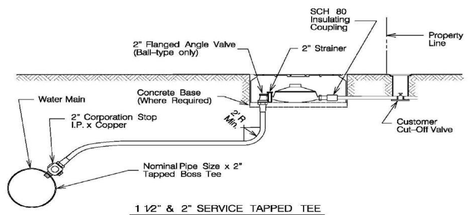
TRENCH DETAIL FOR LOCATIONS <10' FROM EXISTING PAVEMENT AND LOCATIONS UNDER PROPOSED PAVEMENT



TRENCH DETAIL FOR LOCATIONS >10' FROM EXISTING PAVEMENT AND LOCATIONS UNDER PARKWAY

PIPE TAPPING SCHEDULE

PIPE DIAMETER	SERVICE SIZE 3/4"	1"	1 1/2"	2"
6" A.C.	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle
6" C.I. or D.I.	Tap	Tap	Tap With Service Saddle	Tap With Service Saddle
8" A.C.	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle
8" C.I. or D.I.	Tap	Tap	Tap With Service Saddle	Tap With Service Saddle
8" PVC	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle
10" A.C.	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle
10" C.I. or D.I.	Tap	Tap	Tap With Service Saddle	Tap With Service Saddle
10" PVC	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle
12" A.C.	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle
12" C.I. or D.I.	Tap	Tap	Tap With Service Saddle	Tap With Service Saddle
12" PVC	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle
16" A.C.	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle	Tap With Service Saddle
16" C.I. or D.I.	Tap	Tap	Tap With Service Saddle	Tap With Service Saddle



1 1/2" & 2" SERVICE TAPPED TEE

Note:
For direct tap to main, see Tapping Schedule

PROPERTY OF		APPROVED	REVISED
SAN ANTONIO WATER SYSTEM SAN ANTONIO, TEXAS	COPPER SERVICE INSTALLATION TAPPING SCHEDULE	March 2008	
		DD-824-01	SHEET 3 OF 3

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DATE: 04/18/2022

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ENGINEER: JAIME NORIEGA
P.E. SERIAL No.: 93788
DATE: 04/18/2022

REVISIONS

NO.	DATE	DESCRIPTION

DUNAWAY
118 Broadway Suite 201 San Antonio, Texas 78205
Tel: 210.267.5246
(TX REG. F-1114)

DETAILS

BERKLEY V. AND VINCENT M. DAWSON PARK
SAN ANTONIO, TEXAS

JOB NO.	
DESIGNED BY:	M.A.S.
DRAWN BY:	M.A.S.
CHECKED BY:	J.N.
DATE:	
SHEET:	U5.00

YOUNG PROFESSIONAL RESOURCES
8940 Fourwinds Drive, Suite 309
Windcrest, TX 78239
Tel. (210) 590-9215 Fax (210)590-9346
Young Professional Resources ©
Registration No. F-8635

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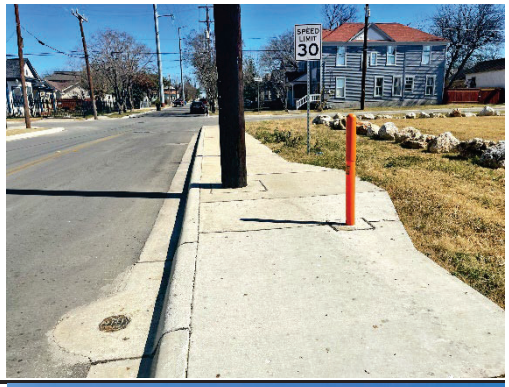
Site Photos

Subject: Berkley V. & Vincent M. Dawson Park HDRC Submittal **Dunaway #:** 5835.005

Date: June 10, 2022

Photos of the BVVMD Park Site – San Antonio, TX 78202:

Berkeley V. & Vincent M. Dawson Park HDRC Submittal
Site Photos
6/10/2022



Specifications of Materials
Berkley V. & Vincent M. Dawson Park
(Hays Street Bridge Park)

HDRC Submittal

Issued June 10, 2022

DUNAWAY

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720 CLUSTER SEATING TABLE – MAGLIN SITE FURNITURE

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BACKLESS BENCH – MAGLIN SITE FURNITURE

BIKE RACK – 500 BIKE RACK (CUSTOM) – MAGLIN SITE FURNITURE

BIKE REPAIR STATION - FIXIT- DERO

3 FIXTURE LIGHT POLE – BEGA #70 763

COMPACT FLOODLIGHT – LUMINAIRE #77 689 – BEGA

POLE TOP LUMINAIRE – LUMINAIRE #77 165 – BEGA

SITE ELEMENTS

MOST DEPENDABLE FOUNTAINS, INC. – DRINKING FOUNTAIN MODEL 10145 SM&SMSS WITH OPTIONAL 10" SS SURFACE CARRIER

MOST DEPENDABLE FOUNTAINS, INC. – COLOR CHART

FENCE – DMF FLORENCE FENCE 96"X48" – DESIGN MASTER FENCE

PLAYGROUND EQUIPMENT

KOMPAN – BUTTERFLY, SENSORY – COR17530

KOMPAN – KNS8500251E

KOMPAN – KRS8200533
KOMPAN – KRS8200534

KOMPAN – LADY BUG – M168

KOMPAN – TODDLER SPICA – M191

KOMPAN – CUSTOM EMBANKMENT SLIDE – NRO893197

KOMPAN – EMBACKMENT SLIDE, 3FT WIDE – COR711001-2030

KOMPAN – HILL CLIMBER ROPE WITH EPDM, TYPE 4 – COR105441-1101

KOMPAN – NRO899396

SITE FURNITURE

720 BENCH
MAGLIN SITE FURNITURE

720 CLUSTER SEATING TABLE
MAGLIN SITE FURNITURE

720 CLUSTER SEATING TABLE
MAGLIN SITE FURNITURE

Standard Powdercoat Colors

Gloss Collection

Black
Gunmetal
Titanium
Silver 14
Bronze 14
Green RAL 6018
Green RAL 6037
Orange RAL 2009
Yellow RAL 1018
Blue RAL 5005
Red RAL 3002
White RAL 9016
Magenta RAL 4010
Turquoise RAL 5018

Fine Textured Collection* (matte finish)

Black
Gunmetal
Titanium
Silver 14
Bronze 14

Due to variations in screen resolution, color swatches may vary slightly from actu
colors. Please contact Maglin for samples. *Fine Textured Paint available for an
upcharge. Not available on metal table tops and stacking chairs, or for vinyl
graphic application.

MAGLIN™
Site Furniture

MLWR650-32-M-L2-LGR

800.716.5506 | sales@maglin.com

TRASH/RECYCLING RECEPTACLES
MAGLIN SITE FURNITURE

Standard Powdercoat Colors

Gloss Collection

Black, Gunmetal, Titanium, Silver 14, Bronze 14

Green RAL 6018, Green RAL 6037, Orange RAL 2009, Yellow RAL 1018, Blue RAL 5005

Red RAL 3002, White RAL 9016, Magenta RAL 4010, Turquoise RAL 5018

Fine Textured Collection* (matte finish)

Black, Gunmetal, Titanium, Silver 14, Bronze 14

Due to variations in screen resolution, color swatches may vary slightly from actu
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graphic application.

COLOR CHART
COLOR SELECTION: BROWN 14

BACKLESS BENCH
MAGLIN SITE FURNITURE

Standard Powdercoat Colors

Gloss Collection

Black
Gunmetal
Titanium
Silver 14
Bronze 14
Green RAL 6018
Green RAL 6037
Orange RAL 2009
Yellow RAL 1018
Blue RAL 5005
Red RAL 3002
White RAL 9016
Magenta RAL 4010
Turquoise RAL 5018

Fine Textured Collection* (matte finish)

Black
Gunmetal
Titanium
Silver 14
Bronze 14

Due to variations in screen resolution, color swatches may vary slightly from actu
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COLOR CHART
COLOR SELECTION: BROWN 14

BIKE RACK
MAGLIN SITE FURNITURE

Standard Powdercoat Colors

Gloss Collection

Black
Gunmetal
Titanium
Silver 14
Bronze 14
Green RAL 6018
Green RAL 6037
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COLOR CHART
COLOR SELECTION: BROWN 14

BIKE REPAIR STATION
DERO

COLOR CHART
COLOR SELECTION: SEPIA BROWN

3 FIXTURE LIGHT POLE
BEGA

COMPACT FLOODLIGHT
BEGA

POLE TOP LUMINAIRE
BEGA

SITE ELEMENTS

MOST DEPENDABLE FOUNTAINS, INC.
WATER FOUNTAIN MODEL 10145 SM&SMSS WITH OPTIONAL 10" SS SURFACE CARRIER

COLOR CHART
COLOR SELECTION: TEXTURED COPPER

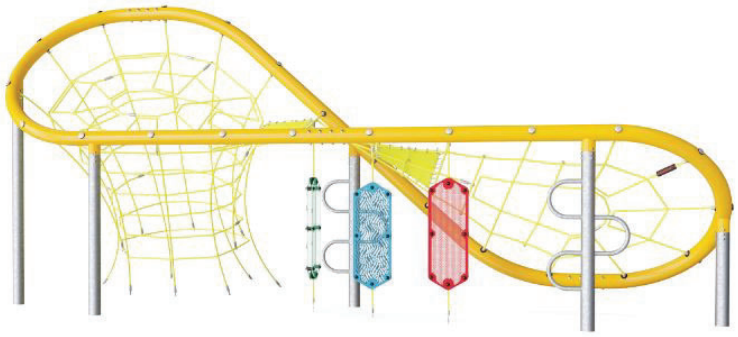
PLAYGROUND EQUIPMENT

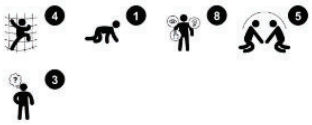
Butterfly, Sensory

COR17530

KOMPAN
Let's play

Item no. COR175301-0405	
General Product Information	
Color options	
Dimensions LxWxH	22'6"x14'1"x10'1"
Age group	5 - 12
Play capacity (users)	24



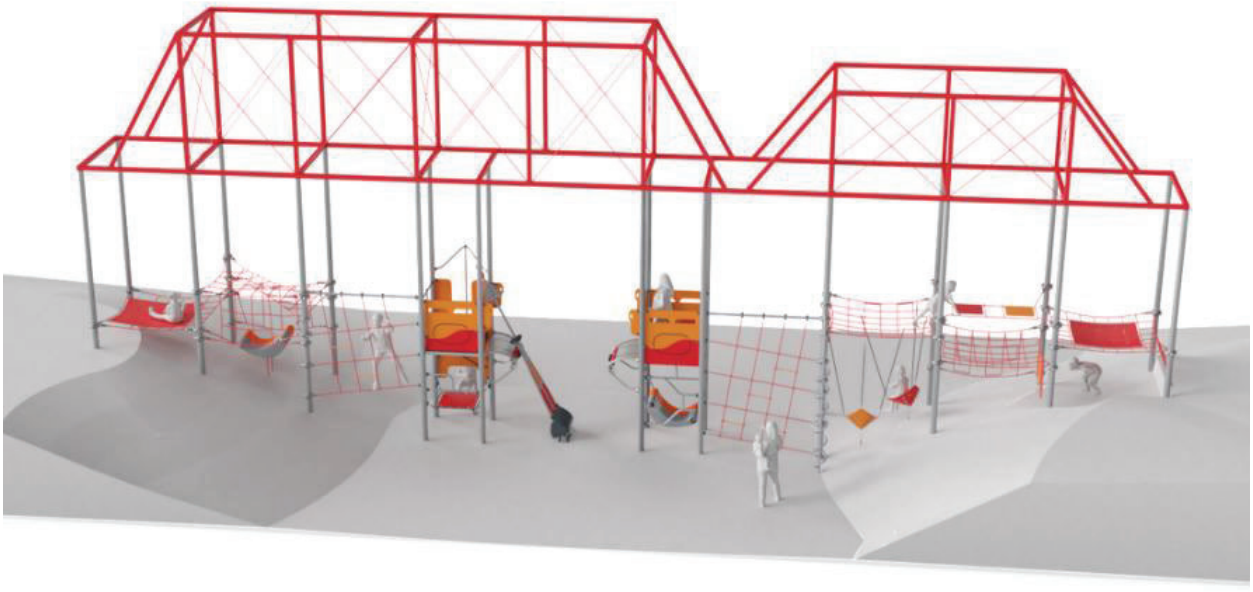


The Butterfly is a transparent, social, climbing magnet for children. The elegantly curved wings with their twisted climbs invite attempts to climb again and again. Thanks to the transparency of the Butterfly nets, the children can see each other and communicate across the Butterfly, and from ground level to top. This adds social interaction and a possibility for cooperation and sharing. Climbing the Butterfly develops cross-coordination and balancing techniques, which stimulate the child's ability to control movements and ultimately to move confidently through the world. The visible height adds thrills. There are faster and slower ways across and up into the Butterfly: Curved Climbers provide quick access to the top frame. On ground level three Optic panels with visual effects attract attention and discussion as the moire effect patterns intrigue children: these patterns look different depending on how children focus their eyes, which adds to logical thinking skills.

1 / 4/22/2022

Data is subject to change without prior notice.

KOMPAN
BUTTERFLY, SENSORY – COR17530



PLEASE NOTE: THIS IS A SKETCH

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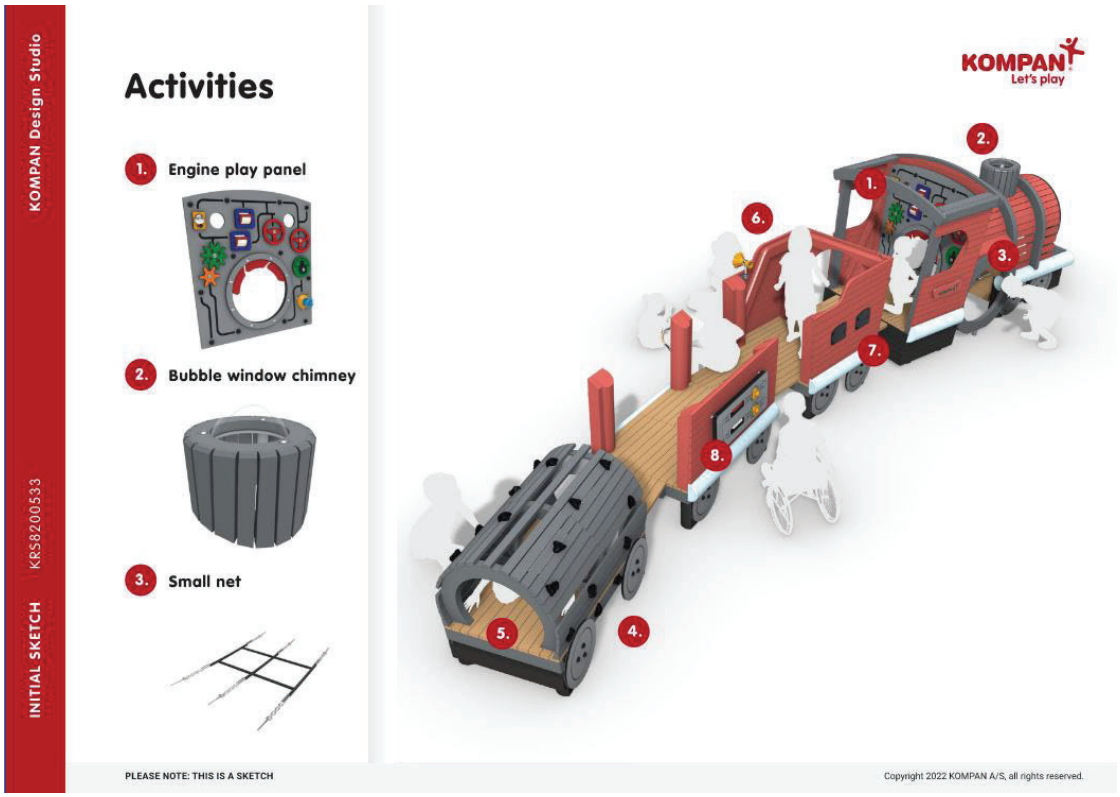
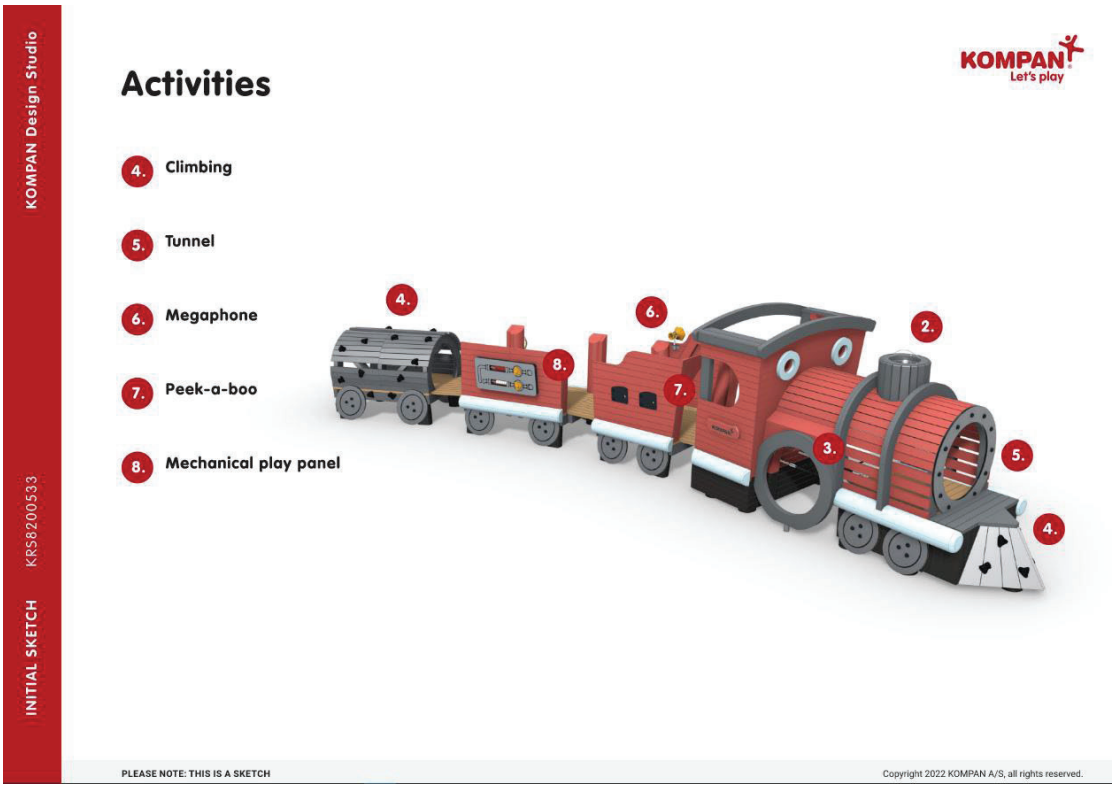
BRIDGE PLAY STRUCTURE
KOMPAN – KNS8500251E





TRAIN PLAY STRUCTURE
KOMPAN – KRS8200533

KOMPAN Design Studio

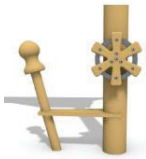
INITIAL SKETCH KRS8200534

Activities

1. Bathroom play panel

2. Flowers and watering can

3. Spinning wheel



KOMPAN Let's play

PLEASE NOTE: THIS IS A SKETCH

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KOMPAN Design Studio

INITIAL SKETCH KRS8200534

Activities

4. Kitchen play panel

5. Tunnel

6. Hammock

KOMPAN Let's play

PLEASE NOTE: THIS IS A SKETCH

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HOUSE PLAY STRUCTURE
KOMPAN – KRS8200534

Lady Bug

M168

KOMPAN Let's play

Item no. M16801-01P	
General Product Information	
Color options	●
Dimensions LxWxH	1'4"x2'3"x2'7"
Age group	2 - 5
Play capacity (users)	1

Rocking on the Ladybird is a wildly attractive playground activity that children will return to again and again. Children are able to control the play by moving their bodies to make the Ladybird rock. They will feel delighted to have the springer respond to their movements. The two sides support the seated position, and the footholds and handholds provide a stable point to stem feet and hands to create the movement. This is not only fun, but is also good for physical and cognitive development. When children begin to learn the connections between their bodies and their movements, they begin to make cognitive connections to a range of body movements and sensations. The Ladybird theme will be attractive to the child's imagination, and will encourage wonderful physical and imaginative play.

1 / 4/22/2022

Data is subject to change without prior notice.

KOMPAN – LADY BUG – M168

Toddler Spica

M191

KOMPAN Let's play

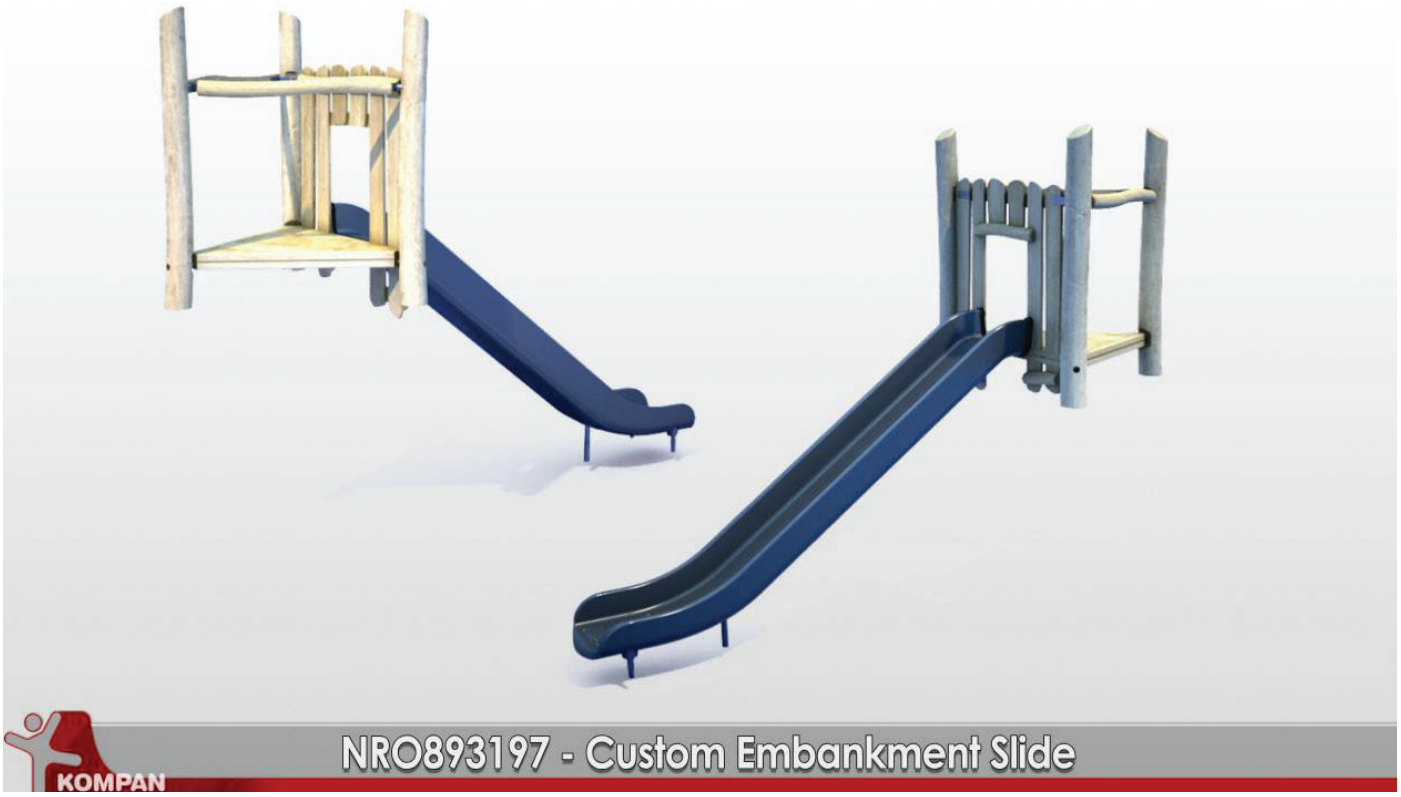
Item no. M19101-3517P	
General Product Information	
Color options	
Dimensions LxWxH	1'6"x1'6"x3'2"
Age group	6m - 4
Play capacity (users)	1

The Toddler Spica with its cute floral theme appeals hugely to infants and toddlers. The response to movement of the Toddler Spica attracts children again and again. The rotation is a delightful and even thrilling play activity. Children can use the Spica while seated or standing. In both cases that trains the vestibular system, the senses of space and balance. These are important to toddlers in particular, as they support the confidence in moving generally. Confidence in movement helps the child in other aspects of development, for instance in socialization: being able to keep up with the others. In concentration skills: being able to focus on other things than keeping your balance. With room for more than one child, the Spica supports cooperative play and social play, that will help children to make friends.

1 / 4/22/2022

Data is subject to change without prior notice.

KOMPAN – TODDLER SPICA – M191



KOMPAN – CUSTOM EMBANKMENT SLIDE – NRO893197

Embankment Slide, 3 feet wide

COR71100

KOMPAN Let's play

Item no. COR711001-2030	
General Product Information	
Color options	
Dimensions LxWxH	11'11"x3'5"x3'2"
Age group	2 - 12
Play capacity (users)	2

The Embankment Slide is extremely attractive. It makes children loop uphill and slide down again and again. The Embankment Slide will be a main attraction in a playground. Apart from the immense thrill of sliding, the Embankment Slide also supports children in developing important motor skills such as the sense of balance and space. These are important in managing the world confidently and securely. The repeated loop of sliding and running back up for one more go is great development of cardio and muscle strength. Collecting the courage to go down the tall slide adds a sweet sensation of achievement. This is a social-emotional benefit, which is further enhanced by the cooperation and turn-taking skills that children develop in going down the slide together. The extra width allows for that, and also allows for caregivers to join in the play.

1 / 5/4/2022

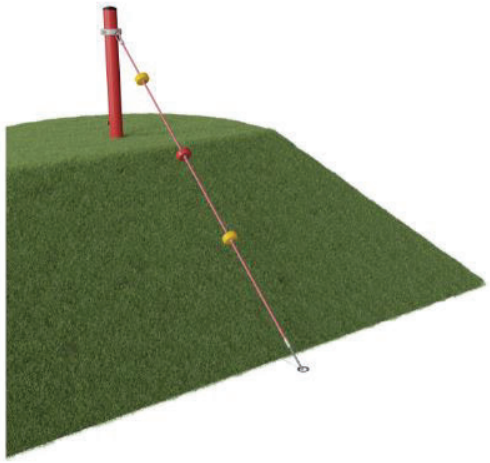
Data is subject to change without prior notice.

KOMPAN – EMBACKMENT SLIDE, 3FT WIDE – COR711001-2030

Hill Climber Rope With EPDM, Type 4

COR10544

KOMPAN
Let's play



Item no. COR105441-1101	
General Product Information	
Color options	
Dimensions LxWxH	10'10"x9"x9'8"
Age group	2 - 12
Play capacity (users)	6

The fun of fundamentals make children play again and again: the Hill Climber invites and supports rappelling up steep hills. The wonderful combination of stemming the feet onto the hill, holding tight to the rope and leaning back, walking upwards is a repeatedly thrilling experience. Apart from being great fun, the combination of movement also provides great gross motor and muscle training. Hands, arms and upper body get trained when gripping the perfectly sized rope. Legs are developed walking up and core muscles are put to work when leaning back, tensioning the core. The motor skill training is intense: the spatial awareness, the sense of balance and the coordination come to full use. This stimulates the overall motor confidence of the child and helps trains abilities like judging distances – important in street traffic.

1 / 6/1/2022

Data is subject to change without prior notice.

KOMPAN – HILL CLIMBER ROPE WITH EPDM, TYPE 4 – COR105441-1101

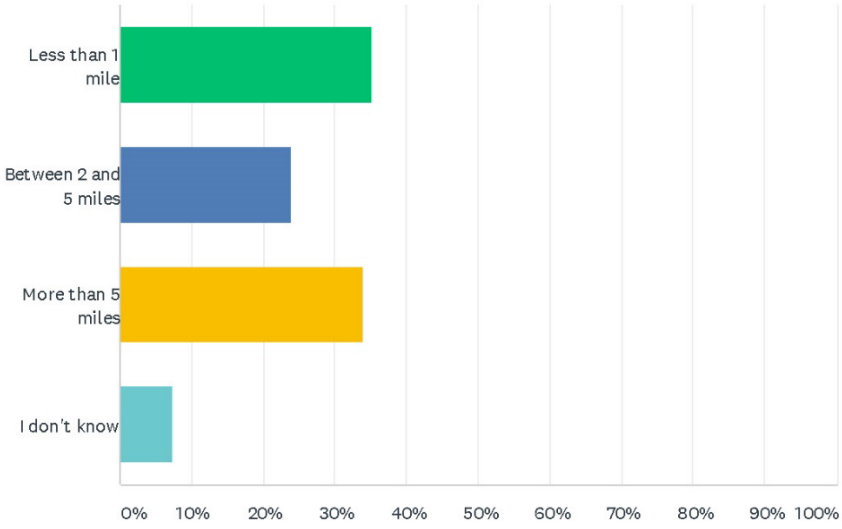
SMALL HOUSE PLAY FEATURE
KOMPAN – NRO899396

Public Input Survey – Berkley V. & Vincent M. Dawson Park – RESPONSE DATA SNAPSHOT

- 248 survey responses collected between 5/26/21 and 7/22/21 (English)
- ***RESPONSE DATA SNAPSHOT***

Q1 How close do you live to the location planned for Berkley V. & Vincent M. Dawson Park (815 North Cherry Street, San Antonio, TX 78202)?

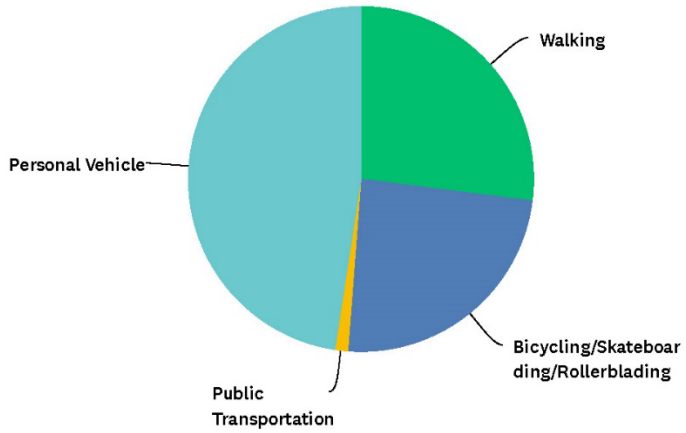
Answered: 248 Skipped: 0



ANSWER CHOICES	RESPONSES	
Less than 1 mile	35.08%	87
Between 2 and 5 miles	23.79%	59
More than 5 miles	33.87%	84
I don't know	7.26%	18
TOTAL		248

Q2 When visiting the park, how do you plan to arrive at the park?

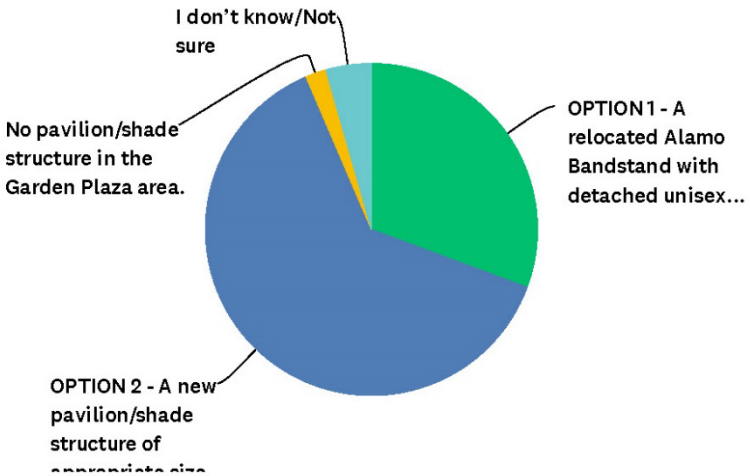
Answered: 248 Skipped: 0



ANSWER CHOICES	RESPONSES	
Walking	27.02%	67
Bicycling/Skateboarding/Rollerblading	24.19%	60
Public Transportation	1.21%	3
Personal Vehicle	47.58%	118
TOTAL		248

Q3 Which structure option would you prefer for the Garden Plaza Area? (choose only one)

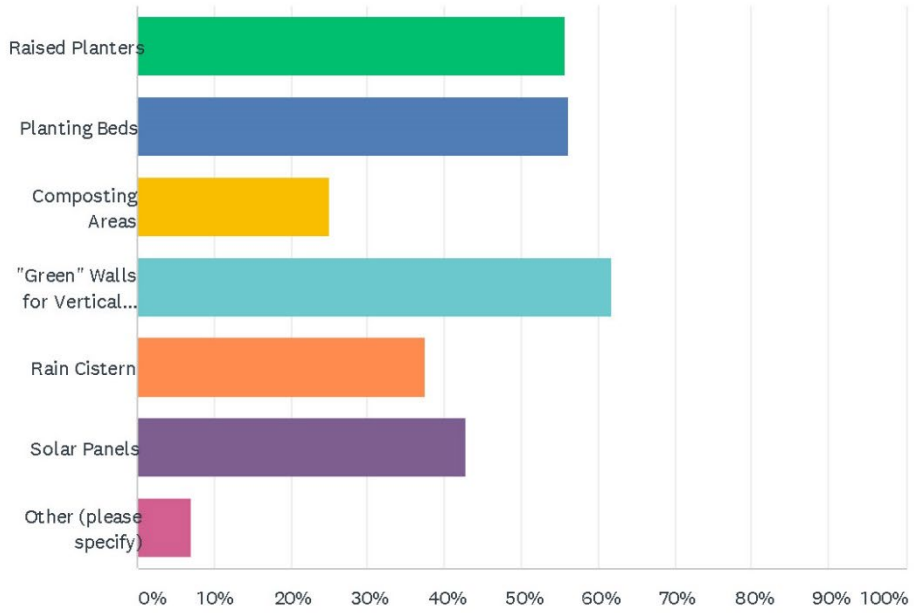
Answered: 248 Skipped: 0



ANSWER CHOICES	RESPONSES	
OPTION 1 - A relocated Alamo Bandstand with detached unisex restroom	30.65%	76
OPTION 2 - A new pavilion/shade structure of appropriate size with attached unisex restroom.	62.90%	156
No pavilion/shade structure in the Garden Plaza area.	2.02%	5
I don't know/Not sure	4.44%	11
TOTAL		248

Q4 What type(s) of garden elements would you most like to see in the Urban Garden Area? (select up to three top choices only)

Answered: 248 Skipped: 0



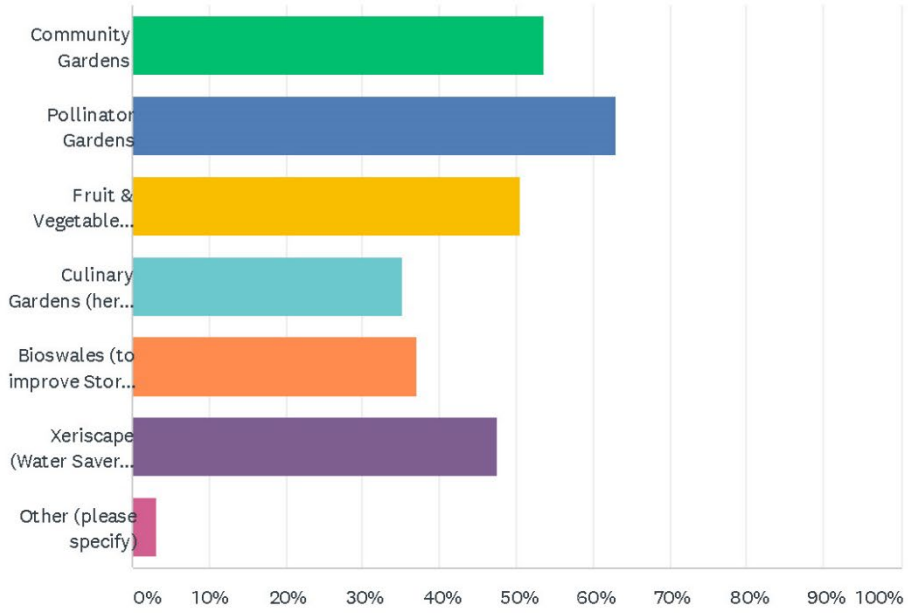
ANSWER CHOICES	RESPONSES	
Raised Planters	55.65%	138
Planting Beds	56.05%	139
Composting Areas	25.00%	62
"Green" Walls for Vertical Vines	61.69%	153
Rain Cistern	37.50%	93
Solar Panels	42.74%	106
Other (please specify)	6.85%	17
Total Respondents: 248		

OTHER RESPONSES

- "Too much green space, more needs to focus on skate park"
- "Solar electrical use for houseless folks
- "Pictures would help"
- "Fruit trees"
- "Trees for shade please"
- "Solar panels for more lighting for the area at night, this area isn't too safe"
- "Bigger skate park"
- "Skate park!"
- "Fountain"
- "Public veggie garden"
- "Recycling bins area"
- "Bigger skate park"
- "Rain Gardens"
- "Vined trellis structures which will provide additional shade over walkways and sitting areas"
- "Water feature"
- "Communication/activity board to show garden status and needs"

Q5 What type(s) of gardening would you most like to see in the Urban Garden Area? (select up to three top choices only)

Answered: 248 Skipped: 0



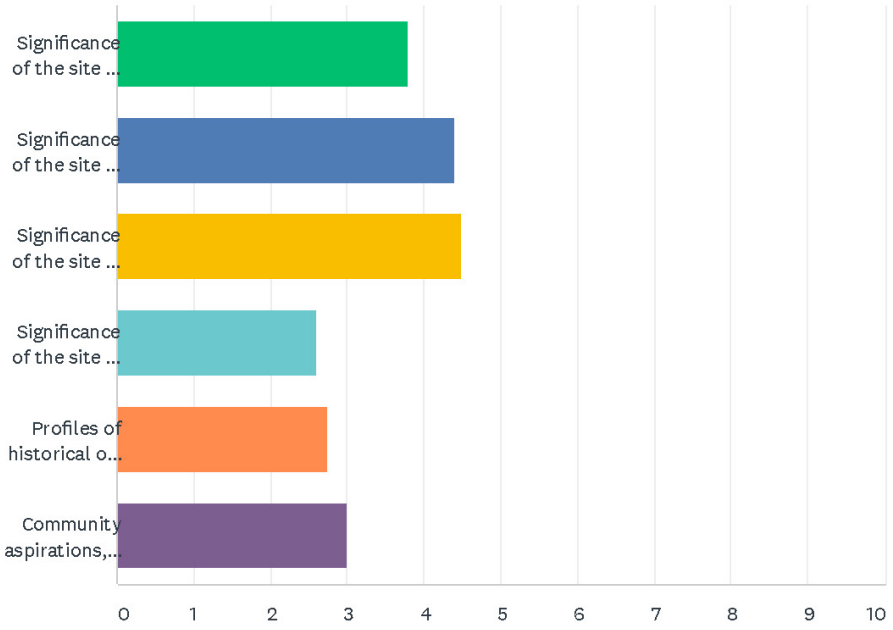
ANSWER CHOICES	RESPONSES	
Community Gardens	53.63%	133
Pollinator Gardens	62.90%	156
Fruit & Vegetable Gardens	50.40%	125
Culinary Gardens (herbs & spices)	35.08%	87
Bioswales (to improve Storm Water Drainage)	37.10%	92
Xeriscape (Water Saver) Gardens	47.58%	118
Other (please specify)	3.23%	8
Total Respondents: 248		

OTHER RESPONSES

- "I think it's too much gardens the people who showed up for these meetings were the kids who wanted the skate park and the community supported that"
- "Skatepark"
- "Free herbs and vegetables for the public"
- "Bigger skatepark"
- "A lush, water-intensive garden"
- "Accessible gardens; raised for wheelchair-users; scented for sight-impaired, etc."
- "Mass plants of native, colorful plants and wildflowers"

Q6 Below is a list of possible subject matter categories for planned interpretive signage to be located within the plazas and along the Timeline Walk. Using numbers 1-6 (1 being the most important and 6 being the least important) please rank in order of preference to you.

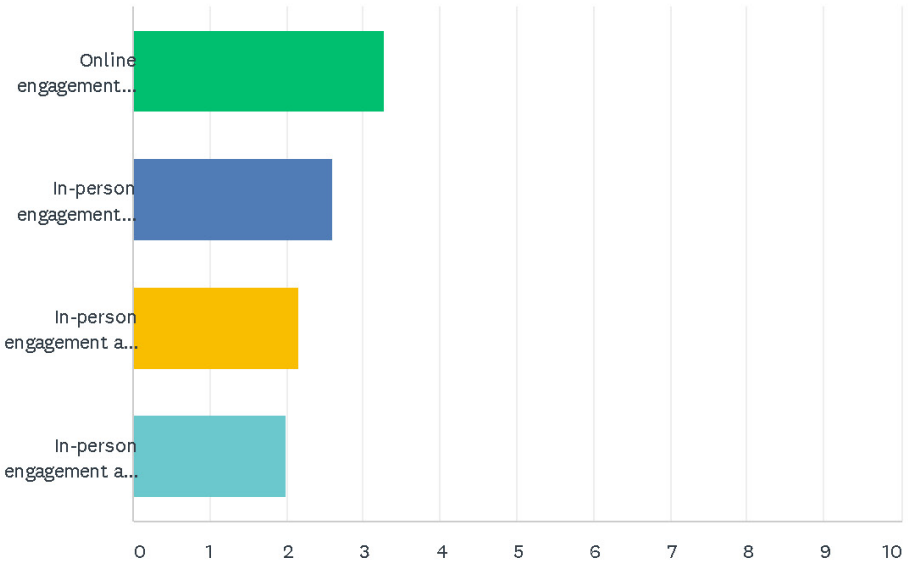
Answered: 248 Skipped: 0



	1	2	3	4	5	6	TOTAL	SCORE
Significance of the site and its relationship to the Railroad System	24.19% 60	18.55% 46	15.32% 38	10.08% 25	17.74% 44	14.11% 35	248	3.79
Significance of the site and its relationship to the Hays Street Bridge	25.81% 64	28.23% 70	20.16% 50	15.32% 38	7.26% 18	3.23% 8	248	4.40
Significance of the site and its relationship to the surrounding community/neighborhood	28.63% 71	23.39% 58	25.40% 63	13.31% 33	7.26% 18	2.02% 5	248	4.47
Significance of the site as if fits in the development of the City	4.44% 11	6.05% 15	13.71% 34	26.21% 65	19.76% 49	29.84% 74	248	2.60
Profiles of historical or community figures	7.66% 19	7.66% 19	12.10% 30	20.16% 50	29.44% 73	22.98% 57	248	2.75
Community aspirations, inspirations or neighborhood identity	9.27% 23	16.13% 40	13.31% 33	14.92% 37	18.55% 46	27.82% 69	248	2.99

Q7 Below is a list of ways in which the community potentially could submit their personal stories, media and other related materials to be considered for inclusion in the planned interpretive signage for the plazas and Timeline Walk. Using numbers 1-4 (1 being the most preferred and 4 being the least preferred) please rank in order of preference to you.

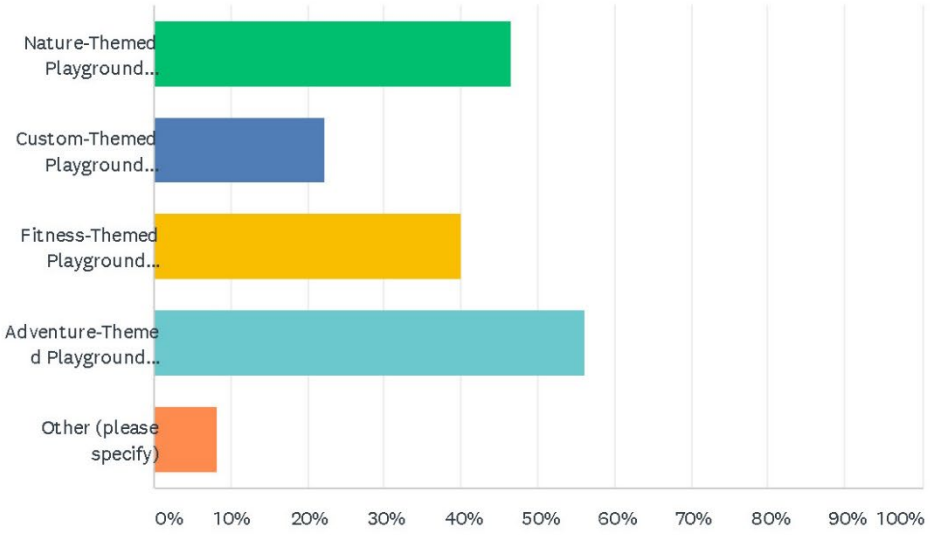
Answered: 248 Skipped: 0



	1	2	3	4	TOTAL	SCORE
Online engagement through social media, dedicated websites and/or emails	59.68% 148	18.55% 46	9.68% 24	12.10% 30	248	3.26
In-person engagement through community discussions	20.56% 51	35.48% 88	26.61% 66	17.34% 43	248	2.59
In-person engagement at local community centers	9.27% 23	23.79% 59	40.73% 101	26.21% 65	248	2.16
In-person engagement at local parks	10.48% 26	22.18% 55	22.98% 57	44.35% 110	248	1.99

Q8 What style of playground would you like to see in the Bridge Plaza? (select up to two top choices only)

Answered: 248 Skipped: 0



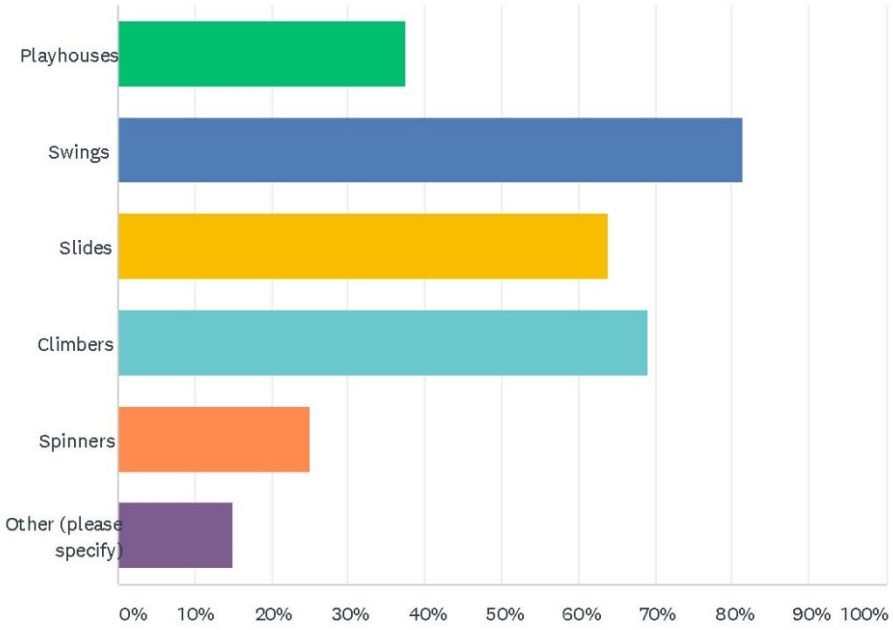
ANSWER CHOICES	RESPONSES	
Nature-Themed Playground (play structures resembling trees/stones and/or made with durable natural materials)	46.37%	115
Custom-Themed Playground (play structures resembling local community icons, landmarks, etc.)	22.18%	55
Fitness-Themed Playground (play structures offering active/athletic activities for climbing, swinging, jumping, etc.)	39.92%	99
Adventure-Themed Playground (play structures offering playhouses, bridges, perches, etc. for exploration)	56.05%	139
Other (please specify)	8.06%	20
Total Respondents: 248		

OTHER RESPONSES

- Add inclusive options (not only). See park in Monroe, LA for some options and ideas https://www.playlsi.com/en/commercial-playground-equipment/playgrounds/civitan-smiles-park-at-kiroli/
- "Railroad-themed play structures: rail cars, engines, Pullman cars and Porters; Different types of railroad jobs like the round house, railway postal service, etc."
- "We have to parks for kids, we don't need another playground"
- "Make a mini-Hays Street Bridge" in the playground. Use creative elements or things that can have multiple use to expand capacity like crawling through tunnels while also with ladders to crawl over the tunnels. Artistic sculptures that can be played on in various creative ways."
- "Larger skateboard areas."
- "Splash pad – it's hot in San Antonio"
- "Bigger skatepark"
- "As skateboarders, we love to see creative structures"
- "Bigger skate park"
- "Skatepark"
- "A larger skatepark"
- "Please build us a good skatepark"
- "Big skatepark"
- "Skatepark"
- "Skate park with multiple sections"
- "Bigger skate park"
- "Would like to see public art included in custom-themed playground"
- "Skatepark"
- "Bigger skate park!"

Q9 What type of play equipment would you like to see in the Bridge Plaza? (select up to three top choices only)

Answered: 248 Skipped: 0



ANSWER CHOICES	RESPONSES	
Playhouses	37.50%	93
Swings	81.45%	202
Slides	63.71%	158
Climbers	68.95%	171
Spinners	25.00%	62
Other (please specify)	14.92%	37
Total Respondents: 248		

OTHER RESPONSES

- Add inclusive options (not only). See example https://www.playlsi.com/en/commercial-playground-equipment/playgrounds/civitan-smiles-park-at-kiroli/
- "Water feature"
- "Splash pads/water feature"
- "Put these things at Lockwood & DIgnowity Parks"
- "Artistic designs that are unique to the area, promote creative use of play"
- "Increase the skateboard areas"
- "Parkour"
- "Skatepark should be expanded and possibly replace public green space and playground"
- "Musical pipes"
- "Riders on large coils with handles"
- "Bigger skate park"
- "I'm 31, not too sure if any of these things I'd want to see"

OTHER RESPONSES (continued)

- “Bigger skate park”
- “Skate park”
- “Bouncing”
- “Skatepark”
- “Skate rails, ramps, ledges”
- “Fidget spinner”
- “Additional obstacles for a larger skate park”
- “A skate park!”
- “Small bowls for kids to skate”
- “Bigger skate park!!”
- “A large skatepark”
- “Bring back the Travis Park wooden playground as an icon”
- “Adult swings”
- “Open flat space”
- “Advanced skatepark”
- “Bigger skate park”
- “Those phones you talk in on one end and can hear way on the other side of the park”
- “Fun for adults and kids – like ping pong, chess, foosball”
- “Seesaw”
- “Splash pad for the children”
- “Splash pad”
- “Splash pad”
- “None of the above”

Q10 Do you have any additional comments or other feedback you would like to share regarding the proposed design and improvements for Berkley V. & Vincent M. Dawson Park? If so, please include it here.

Answered: 116 Skipped: 132

#	RESPONSES	DATE
1	Make kids ask their parents to come. If e kids want to go, the park will thrive.	7/16/2021 5:53 PM
2	I love a community vegetable garden. I'm a elementary teacher and view it as an opportunity for people to learn about how to grow their own gardens. Be careful county Master Gardening program can help.	7/16/2021 10:31 AM
3	In my 20 + years of living in the community, I have never seen anyone in the dignowity area ride a skateboard	7/6/2021 7:03 PM
4	I am very excited about this!!!!!!	7/3/2021 6:07 PM
5	Men and Women's separate bathrooms instead of unisex	7/1/2021 8:17 AM
6	Please add a path for walking & runners and another path for cycling. Or make the path wide enough to have different lanes for bikes & pedestrian walkways.	6/30/2021 10:47 PM
7	The skate park needs more area. Perhaps the green space could be reduced.	6/30/2021 5:42 PM
8	Bike friendly (locking racks, trails), skateboard friendly.	6/30/2021 9:04 AM
9	Explore color in the the park. How can you stay away from grays? What icon piece will drive tourist here? Think the LOVE installation in Phili.	6/29/2021 1:51 PM
10	I would increase the skate boarding areas. especially the advanced one. Skip the kiddie park swings, etc. as there is a close park with those amendments already.	6/29/2021 11:14 AM
11	Adding in more area for grass so people may sit down and use Tension Shade sails for added shad. Adding in some type of water elements such as a modern fountain or other water structure.	6/29/2021 8:39 AM
12	The Skatepark to be built to a top tier professional level for progressive engagement with the community. Built it big and they will come from all over the world	6/29/2021 7:15 AM
13	Please make the skate park big so that we can host various events for our skateboarding community please and thank you!	6/29/2021 4:48 AM
14	dog area or dog amenities	6/28/2021 3:37 PM
15	Please include Nettie Hinton, Gary Houston, and the others fought tirelessly to actually have this land become a perk.	6/27/2021 11:34 PM
16	Playground and open green space functions senselessly repeat those amenities provided by Lockwood/Dignowity Park Renovations only two blocks away. A larger skatepark here would address a decades old crying need for a major skatepark in this neighborhood and the near downtown area.	6/27/2021 3:58 PM
17	I think you should speak with the kids growing up in that area and ask them what would be fun for them in the park and exciting for them to want to go to this park. True it's a historical area but if you don't make it inviting for the kids the parents wont go.	6/26/2021 5:22 PM
18	Add a walkable sun dial	6/26/2021 2:12 PM
19	Please discuss with the actual community and long-time residents who are being displaced by the genteifiers	6/26/2021 1:04 PM
20	Bigger skatepark. The skateboarding community in San antonio is huge plus this being somewhat on the Eastside, there will be a lot of skateboarders there due to them not having a	6/26/2021 8:59 AM

	skate park on their side of town yet.	
21	Add more to the skate park build a bowl Skateboarding is now in the Olympics and should be looked at as a real sport it is saved many kids from hardship and bad neighborhoods it's a great outlet for people to build a community and grow it also has a skater the San Antonio skateboarding community is not only growing rapidly but becoming way more stronger than it ever was	6/25/2021 9:12 PM
22	Please make the skate park larger!!	6/25/2021 7:22 PM
23	Bigger skatepark! There is a huge community of skaters that will be heading to this park, as there is not one in the downtown area OR east side area. We already get crowded at our biggest skatepark, Pearsall. Small kids & beginners barely have space to practice. There should be a small beginner area at the new skatepark with a bigger, separate advanced area. Thank you!!!	6/25/2021 4:09 PM
24	No	6/25/2021 4:05 PM
25	Do not include on=site parking. Make sure it is traversable on foot and has entrances on all sides	6/25/2021 3:19 PM
26	Should be bigger then Pearsall because Pearsall is not big enough	6/25/2021 1:53 PM
27	Bigger skate park	6/25/2021 1:06 PM
28	Skatepark is a priority!	6/25/2021 12:46 PM
29	Want to make sure Park Police and phone systems throughout the park is always available to families.	6/25/2021 12:18 PM
30	bigger skatepark	6/25/2021 12:17 PM
31	We need a bigger skatepark. This will be the only skatepark in the area which means it will be crowded. A bigger skatepark means a safer skatepark, for EVERYONE.	6/25/2021 11:34 AM
32	Bigger skatepark	6/25/2021 11:33 AM
33	BIGGER SKATEPARK	6/25/2021 11:24 AM
34	What an opportunity for the city of San Antonio! This will be huge!!	6/25/2021 11:20 AM
35	please add a skate park And taller trees	6/25/2021 11:13 AM
36	Bigger and well made skate park	6/25/2021 10:56 AM
37	no	6/25/2021 10:51 AM
38	Bigger skate park area	6/25/2021 10:40 AM
39	BIGGER SKATEPARK	6/25/2021 10:32 AM
40	We really need a bigger area for the skatepark. If you are planning to build a Skate Park in this area, there are going to be hundreds of skaters who will use it. Even at pearsall park on the south side, the biggest park we have, it gets crowded and too hard to skate when too many people are there. This presents a number of problems. Often times when younger skaters are trying to use a facility that anymore advanced skaters are also trying to use, often times little kids get hurt from getting in the way because most of the time parents don't watch their kids at the park. Neither downtown or the Eastside has a Skate Park, but there are hundreds of local skaters in the area that are going to use the space. We need it to be probably double in size, this could also bring us the potential to host contests which gives local skaters opportunities to succeed in the sport, win money and gear and opportunities. And if we had a beginner section, we could also run skate lessons at the park which is some thing I have been trying to do for years but don't have a good place to teach them.	6/25/2021 10:31 AM
41	Skatepark needs to be bigger. Must require areas for beginners(mostly children), intermediate, and advanced athletes. This would be a good location to host community events safely and be inviting for all skateboarders of all ages.	6/25/2021 9:36 AM
42	No homeless	6/25/2021 6:29 AM
43	Big skatepark with adversity.	6/25/2021 6:29 AM

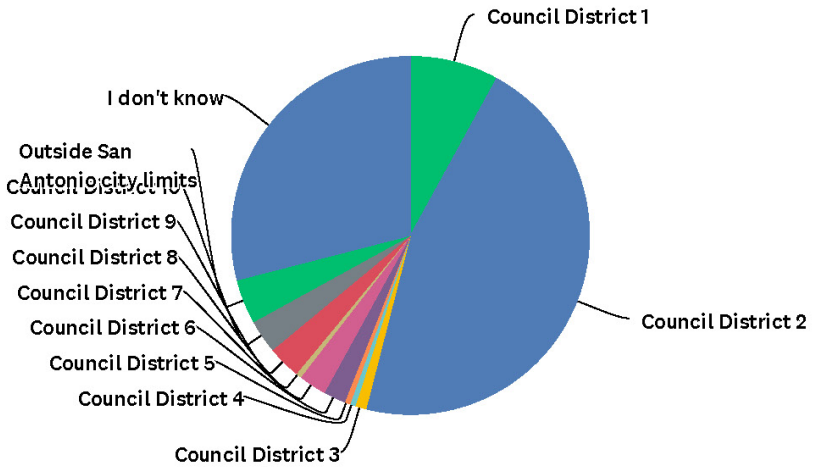
44	poop	6/25/2021 12:09 AM
45	Skatepark don't forget the skatepark put the skatepark in action	6/24/2021 6:49 PM
46	The skatepark needs to be bigger. We have a very diverse level of skateboarders here in the city and having space for beginners to learn with another area for intermediate and advanced skateboarders. This will also allow us to host contests and bring the community together an show how much of a positive impact skateboarding has on the community. Thank you for taking the time to ask these questions and allow us skateboarders to give our input on such an important project taking place in our city	6/24/2021 6:44 PM
47	Please make the skatepark larger. Skating is 100% a community based activity where people of all skill groups and ages are welcome to interact and share stories and make friends. A larger skatepark would attract more and more people not only from this area of San Antonio, but also from surrounding areas and even other towns. Please make the skatepark larger.	6/24/2021 6:10 PM
48	Requests have been made by myself to make the skatepark larger. More areas for the beginners to learn and pro's to perfect their skating.	6/24/2021 5:48 PM
49	Skatepark!!!	6/24/2021 5:48 PM
50	We want to have to bigger park so we can host more community events	6/24/2021 5:47 PM
51	Please build a good skatepark	6/24/2021 5:20 PM
52	Hurry	6/24/2021 4:01 PM
53	Include native cultural highlights Education on Native American and Hispanic history and culture	6/24/2021 3:56 PM
54	I would like to see a bigger skate park with plenty of features for beginners and experienced skaters alike. It would also be nice to have shaded areas around the skate park with seating.	6/24/2021 3:37 PM
55	Please ensure there is plenty of shade in the skateboarding area:) and please increase size of skatepark	6/24/2021 3:15 PM
56	If it's possible a open pavilion over the skatepark because it gets hot to skate with no shade and I feel like people would come more often if there was shade and I've been to parks with out a pavilion and there's sometimes little bit of people there.	6/24/2021 3:11 PM
57	more focus on skate park	6/24/2021 2:54 PM
58	bigger skate park	6/24/2021 2:47 PM
59	A skate park one for beginners and one for experienced	6/24/2021 2:41 PM
60	Ramps and bowls in the skate park! A water fountain by the skatepark. Recycling bin. Community garden	6/24/2021 2:38 PM
61	Please ask Deli Skateshop to review skatepark plans.	6/24/2021 2:36 PM
62	The skatepark should be bigger and also have a seperate section of flat concrete for less experienced roller skaters or skateboards	6/24/2021 2:14 PM
63	NO BIKES OR SCOOTERS	6/24/2021 1:44 PM
64	Do not include Alamo brewery in any plans , they are culture vultures who are still trying to steal our bridge and our view and buy themselves into our community! I will never spend a dollar there	6/24/2021 1:25 PM
65	Lots of smooth concrete to skate on	6/24/2021 1:24 PM
66	Bigger skatepark with a flatbar roundrail	6/24/2021 12:51 PM
67	We need a bigger skatepark that is beginner friendly, but also has a place for intermediate skaters.	6/24/2021 12:44 PM
68	Bigger advanced skatepark	6/24/2021 12:40 PM
69	Bigger park for skating to allow room for advanced skaters as well as an area designed for beginners	6/24/2021 12:39 PM

70	For the skatepark add a gate around the skate areas so that way random people walking don't get in the way of the skateboarders and no one gets seriously injured.	6/24/2021 11:56 AM
71	As a local skateboarder here in san antonio for the past 12 years, the community and I agree that the skate park area should be bigger. The youth here advance like none seen before. A small park would only hold back the potential that lies here in town. Not to mention the risks of collision with such limited space. Skate parks should be widely open space where adults and children can watch each other and grow without butting heads. If the park is to be made bigger, new skaters would love to join our community and be more welcomed to learn without worry of getting in someone's way. This is what I feel, because I was once a child fascinated by the vastness of the first big skatepark I had been too. It opened so many doors for me even now in adulthood I've had some of the greastest times of my life and met the best people at skateparks. Trust me, so many kids can't wait to make videos of them skaating this park. Please do this so they can be guided in an awesome direction where the children create their own space with no coaches or teams or sport rules. Skateboarding is an artful expression and literally the fountain of youth. Thank you for considering any and all comments from the public!	6/24/2021 11:50 AM
72	A well designed skatepark the puts San Antonio on par with other major Texas cities such as Houston or Dallas	6/24/2021 11:04 AM
73	The skateboard park would be more effective for safety and progression if it was as large as possible in conjunction with the rest of the plaza. The San Antonio skateboard community has been growing at a rapid rate and with more people at parks there tends to be more injuries due to inefficient flow and size of the park, due to people crashing into each other rather than actually skating. With ample space, the skaters can anticipate with better leeway when other skaters are performing so that they do not cause skater on skater 'wrecks'. In sum, more space means more awareness of others and less injuries.	6/24/2021 10:47 AM
74	No	6/24/2021 10:38 AM
75	Incorporating a large advanced skatepark also with beginner features will open up a sustainable skateboarding presence in San Antonio. Skateboarding remains a very popular sport that has recently been included in the olympics. Skateboarding is an amazing way for the local youth to find a passion in a self disciplined sport and has a low barrier of entry. Implementation of a new big skatepark would open doors for this city and its impact of the upcoming youth of this city.	6/24/2021 10:20 AM
76	Please create a new skatepark for the city, there is deep lack of a good skatepark in the city, near the actual heart of the city, san pedro springs is not a real skatepark, we are forced to destroy public property and skate the streets until something is created for the cities skate scene.	6/24/2021 9:50 AM
77	The skate park needs to be bigger to offer spaces for all types of skater (beginner to more advanced) but also the size will bring more people to the community to stimulate the area (contest, demonstrations, events) the most successful in Texas are much larger to allow for these types of events	6/24/2021 9:23 AM
78	Maybe a bigger skate park for beginners and more advanced skaters	6/24/2021 8:10 AM
79	Adding an area for a dogs.	6/24/2021 1:43 AM
80	Bigger area for the skate park. Perhaps a section for beginners (smaller), and a larger section for the intermediate skateboarders.	6/24/2021 1:35 AM
81	Bigger skate park	6/24/2021 12:42 AM
82	Bigger skate park	6/24/2021 12:40 AM
83	Me and my friends would love a new skatepark in San Antonio :)	6/24/2021 12:35 AM
84	Bigger skate park	6/24/2021 12:30 AM
85	bigger skate park	6/24/2021 12:23 AM
86	I think adding a skate park is an amazing idea! A way for more people to get together and be active and form a good community. Skating teaches so much and I think it can be very beneficial to our city!	6/24/2021 12:19 AM
87	Skate park please!	6/24/2021 12:10 AM

88	I think the skatepark should be bigger. When there isn't much room, it's hard for the little kids and older skaters to skate together, with a bigger space, we can have a smaller area for learning, and a bigger area for more intermediate and advanced skaters.	6/24/2021 12:06 AM
89	please allow open containers.	6/23/2021 11:53 AM
90	Kids just need a place to play safely. The rest is just a waste of money!	6/21/2021 3:54 PM
91	No	6/18/2021 8:02 AM
92	ADA accessible ramp up to the Hays Street Bridge	6/16/2021 3:43 PM
93	None	6/15/2021 5:07 PM
94	I'm excited to see this park come to life.	6/14/2021 8:52 PM
95	I think the skate park should be reevaluated. The area is already prone to vagrancy and this would only attract more.	6/14/2021 7:28 PM
96	What will be done to prevent issues with the growing homeless population using the area and the park itself for camps?	6/14/2021 6:11 PM
97	Trail to Alamo Beer	6/13/2021 12:08 PM
98	no	6/9/2021 4:20 PM
99	As a long time resident of Dignowity, I really hope it doesn't become a haven for homeless adults like all the other parks in the area. I also do not agree with unisex restrooms. I won't be visiting long periods because of this. I know others who feel the same.	6/5/2021 4:26 PM
100	We really need a splash pad in the area. Lockwood Park won't have one either.	6/3/2021 9:59 AM
101	Please get some speed bumps down cherry and other nearby roads to the park. People go by and race right by the park. The bridge attracts bikes and pedestrians so this is dangerous.	6/2/2021 3:55 AM
102	Would love to see train-themed playground features	6/1/2021 10:25 AM
103	To use the cork like substance for the walk area snd the playground	5/31/2021 6:17 PM
104	No skatepark!	5/30/2021 9:41 PM
105	Please include fencing along Lamar and Cherry to keep the kids from having direct access to the street	5/30/2021 1:31 PM
106	Skate park and other features should be shaded with well planned alleys of trees. It gets real hot here!	5/30/2021 10:21 AM
107	the park is one of the "key" elements to understanding east side history. Conceptually, should be similar to what Confluence is to the south side. What's our version on the east side, is the question? Rail, the long covered acequia or ditch, or other?	5/30/2021 9:39 AM
108	Something like hemisphere	5/29/2021 8:51 AM
109	A good backdrop for photos so people can share their experiences on social media.	5/28/2021 10:37 PM
110	Thank you for making this happen!	5/28/2021 7:18 PM
111	Any type of programming and activation to prevent this from being ANOTHER gathering place for homeless.	5/28/2021 7:00 PM
112	No skate park… waste of valuable space that will get minimal use and attract an unsavory element to the area.	5/28/2021 6:51 PM
113	Would like to see more trees and less space devoted to play and skate structures.	5/28/2021 6:06 PM
114	Looking great!	5/28/2021 5:45 PM
115	no	5/25/2021 10:59 AM
116	Thank you for creating this park	5/20/2021 8:56 AM

Q12 (DEMOGRAPHIC-OPTIONAL) Which City Council District do you live in?

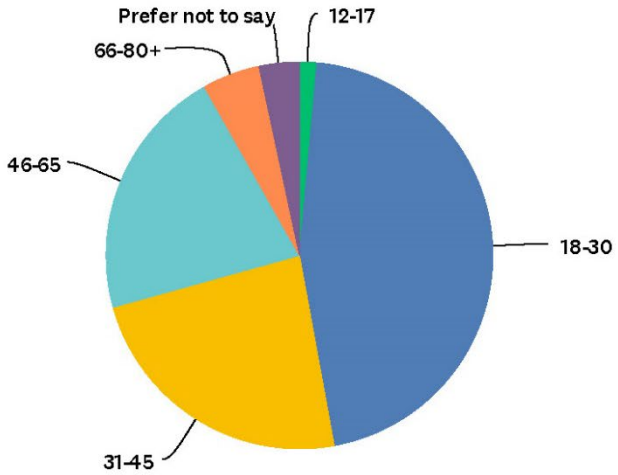
Answered: 200 Skipped: 48



ANSWER CHOICES	RESPONSES	
Council District 1	8.00%	16
Council District 2	46.00%	92
Council District 3	1.00%	2
Council District 4	0.50%	1
Council District 5	0.50%	1
Council District 6	2.00%	4
Council District 7	2.50%	5
Council District 8	0.50%	1
Council District 9	3.00%	6
Council District 10	3.00%	6
Outside San Antonio city limits	4.00%	8
I don't know	29.00%	58
TOTAL		200

Q13 (DEMOGRAPHIC-OPTIONAL) Which of the following includes your current age?

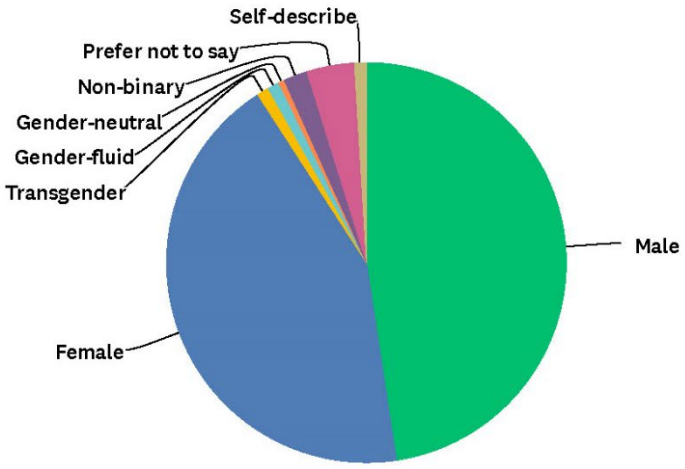
Answered: 208 Skipped: 40



ANSWER CHOICES	RESPONSES	
12-17	1.44%	3
18-30	45.67%	95
31-45	23.56%	49
46-65	21.15%	44
66-80+	4.81%	10
Prefer not to say	3.37%	7
TOTAL		208

Q14 (DEMOGRAPHIC-OPTIONAL) Which of the following best describes your gender identity?

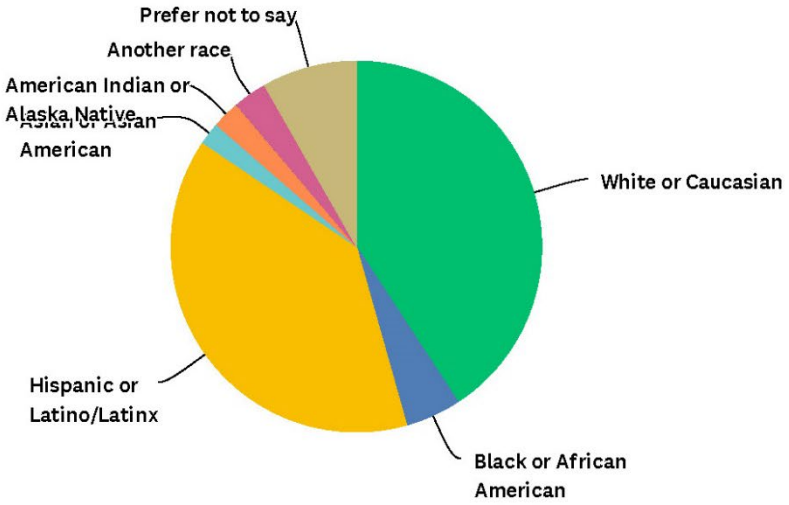
Answered: 208 Skipped: 40



ANSWER CHOICES	RESPONSES	
Male	47.60%	99
Female	43.27%	90
Transgender	0.96%	2
Gender-fluid	0.96%	2
Gender-neutral	0.48%	1
Non-binary	1.92%	4
Prefer not to say	3.85%	8
Self-describe	0.96%	2
TOTAL		208

Q15 (DEMOGRAPHIC-OPTIONAL) Which of the following best describes your ethnicity?

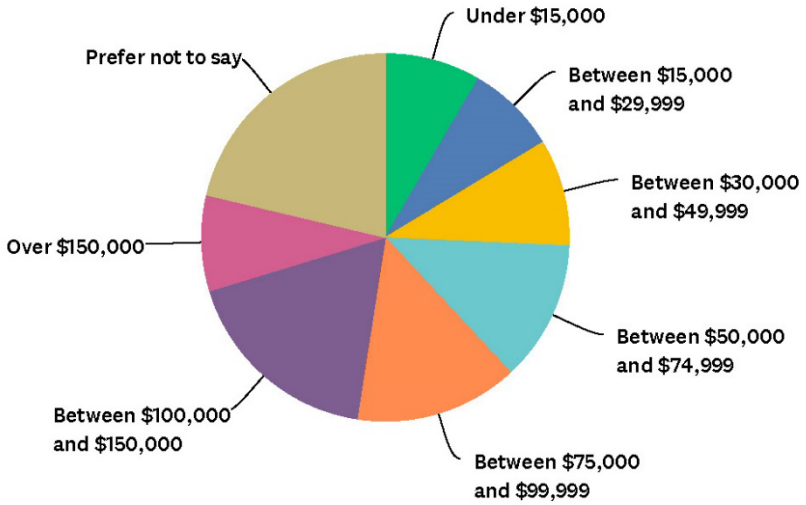
Answered: 206 Skipped: 42



ANSWER CHOICES	RESPONSES	
White or Caucasian	40.78%	84
Black or African American	4.85%	10
Hispanic or Latino/Latinx	38.83%	80
Asian or Asian American	1.94%	4
American Indian or Alaska Native	2.43%	5
Native Hawaiian or other Pacific Islander	0.00%	0
Another race	2.91%	6
Prefer not to say	8.25%	17
TOTAL		206

Q16 (DEMOGRAPHIC-OPTIONAL) Which of the following includes your total annual household income?

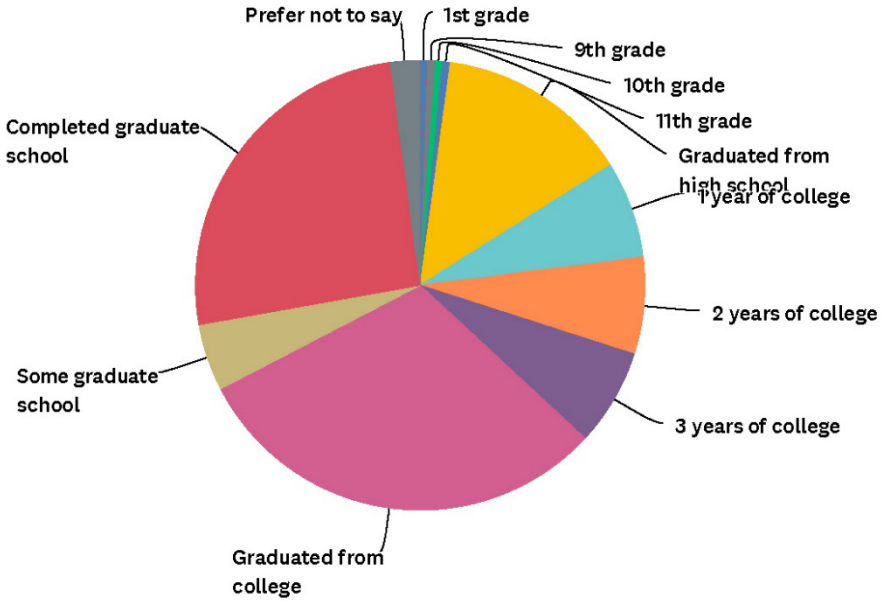
Answered: 202 Skipped: 46



ANSWER CHOICES	RESPONSES	
Under $15,000	8.42%	17
Between $15,000 and $29,999	7.92%	16
Between $30,000 and $49,999	9.41%	19
Between $50,000 and $74,999	12.38%	25
Between $75,000 and $99,999	14.36%	29
Between $100,000 and $150,000	17.82%	36
Over $150,000	8.42%	17
Prefer not to say	21.29%	43
TOTAL		202

Q17 (DEMOGRAPHIC-OPTIONAL) What is the highest level of education you've completed?

Answered: 187 Skipped: 61



ANSWER CHOICES	RESPONSES	
Did not attend school	0.00%	0
1st grade	0.53%	1
2nd grade	0.00%	0
3rd grade	0.00%	0
4th grade	0.00%	0
5th grade	0.00%	0
6th grade	0.00%	0
7th grade	0.00%	0
8th grade	0.00%	0
9th grade	0.53%	1
10th grade	0.53%	1
11th grade	0.53%	1
Graduated from high school	13.90%	26
1 year of college	6.95%	13
2 years of college	6.95%	13
3 years of college	6.95%	13
Graduated from college	30.48%	57
Some graduate school	4.81%	9
Completed graduate school	25.67%	48
Prefer not to say	2.14%	4
TOTAL		187