PHASE 2 BID PACKAGE 3: PARK BUILDOUT



CLIENT

PH. 210-207-6924

PUBLIC WORKS DEPARTMENT (PWD) 114 W. COMMERCE P.O. BOX 839966 SAN ANTONIO TX 78283-3966

HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

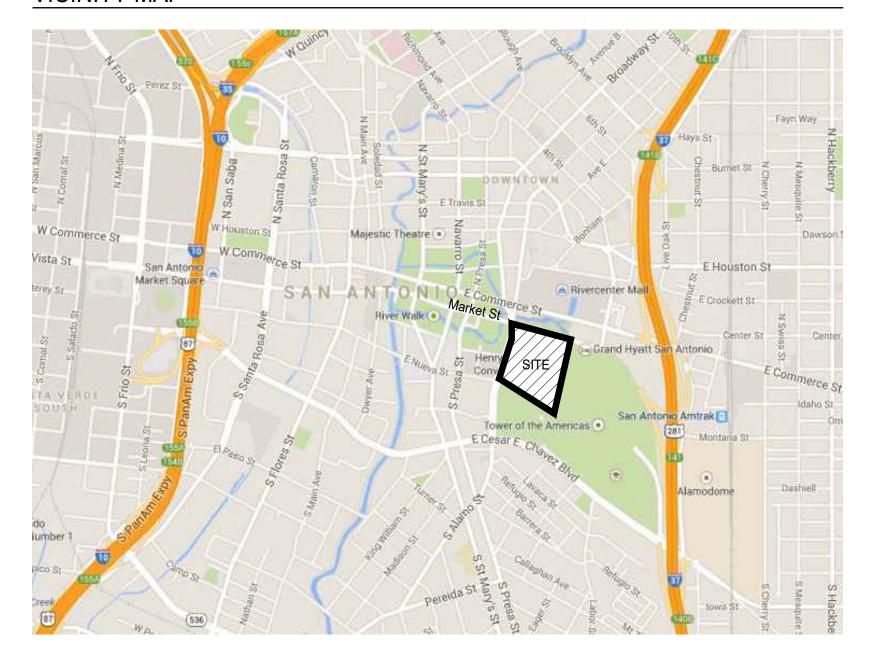
PROJECT ADDRESS

210 SOUTH ALAMO STREET SAN ANTONIO, BEXAR COUNTY, TEXAS

PWD PROJECT NUMBER

23-03746

VICINITY MAP



CONSULTANTS

PRIME CONSULTANT / LANDSCAPE ARCHITECT GGN LANDSCAPE ARCHITECTURE LTD 1932 1ST AVENUE SUITE 700 SEATTLE, WA 98101

CIVIL ENGINEER MAGNUSSON KLEMENCIC ASSOCIATES 1301 5TH AVENUE SUITE 3200 SEATTLE, WA 98101 PH. 206-292-1200

STRUCTURAL ENGINEER INTELLIGENT ENGINEER SERVICES **UNION SQUARE 11** 10001 REUNION PLACE SUITE 200 SAN ANTONIO, TX 78126 PH. 219-349-9098

MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING 1917 N. NEW BRAUNFELS AVENUE SUITE 201 SAN ANTONIO, TX 78208 PH. 210-224-8841

CMS COLLABORATIVE SANTA CRUZ, CA 95062

PH. 206-903-6802

LOCAL LANDSCAPE ARCHITECT RIALTO STUDIO 2425 BROADWAY SAN ANTONIO, TX 78215 PH. 210-828-1155

11 HANOVER SQUARE, FLOOR 17

LIGHTING TILLETT LIGHTING

NEW YORK, NY 10005

PH. 212-766-0144

IRRIGATION AND SOILS DESIGN JEFFREY BRUCE & COMPANY 252 NW EXECUTIVE WAY LEE'S SUMMIT, MO 64063 PH. 816-842-8999

TRUE NORTH CONSULTING GROUP 13284 POND SPRINGS ROAD, STE. 304 PH. 888-650-4580



PUBLIC WORKS DEPARTMENT

GGN

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WATER FEATURE PLUMBING DETAILS

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	2T1.202	TECHNOLOGY-SITE PLAN-SECTOR 2
	2T1.203	TECHNOLOGY-SITE PLAN-SECTOR 3
	2T1.500	TECHNOLOGY-DETAILS
	2T1.501	TECHNOLOGY-DETAILS
	2T1.502	TECHNOLOGY-DETAILS
_		

Note: Selected sheets have been provided for OHP review.

GENERAL NOTES

- 1. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE. FIELD VERIFY ALL CONDITIONS, QUANTITIES, AND MATERIALS. REPORT DISCREPANCIES TO LANDSCAPE ARCHITECT FOR CLARIFICATION. DO NOT SCALE DRAWINGS. FOLLOW DIMENSIONS SHOWN ON DRAWINGS AND ACTUAL FIELD
- 2. ALL DIMENSIONS ARE TO FINISH FACE OF CONCRETE AND MASONRY, FACE OF FRAMING OR CENTERLINE OF COLUMNS, UNLESS NOTED OTHERWISE.
- CONSTRUCTION SHALL COMPLY WITH IBC 2018, CURRENT STATE AND
- 4. FOLLOW MANUFACTURER INSTRUCTIONS, EXCEPT WHERE MORE STRINGENT
- DRAWINGS AND SPECIFICATIONS: EXAMINE AND BRING DISCREPANCIES BETWEEN IN THE WORK TO THE ATTENTION OF THE LANDSCAPE ARCHITECT BY WRITTEN NOTICE FOR CLARIFICATION. WORK INSTALLED IN CONFLICT WITH CONSTRUCTION DOCUMENTS WILL BE CONSIDERED IN NON-CONFORMANCE AND CORRECTED AT CONTRACTOR'S TIME AND EXPENSE AND AT NO EXPENSE
- THE LOCATION OF ALL SURFACE AND UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR AT THE BEGINNING OF SITE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING STRUCTURES AND UTILITIES TO REMAIN FROM DAMAGE AS REQUIRED DURING CONSTRUCTION AND TO REPAIR ANY DAMAGE WHICH SHOULD OCCUR TO THE SATISFACTION OF THE CLIENT OR DAMAGED PARTY.
- QUANTITIES PROVIDED ARE FOR CONTRACTOR CONVENIENCE ONLY. VERIFY AREAS AND QUANTITIES BASED ON AS-BUILT CONDITIONS.
- ELECTRICAL ITEMS ARE NOTED ON LANDSCAPE DRAWINGS FOR
- THE PROJECT SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS,
- PROJECT LIMITS. SEE SHEET 1G1.201 FOR NOTES REGARDING THE MEASURES

- - b. 2018 INTERNATIONAL MECHANICAL CODE
 - c. 2018 INTERNATIONAL PLUMBING CODE
 - d. 2018 INTERNATIONAL EXISTING BUILDING CODE
 - e. 2018 INTERNATIONAL FUEL GAS CODE
 - g. 2018 INTERNATIONAL ENERGY CONSERVATION CODE
 - h. 2017 NATIONAL ELECTRIC CODE
- 2012 TEXAS ACCESSIBILITY CODE
- LOCAL CODES
- 4. TREE PRESERVATION
- CITY OF SAN ANTONIO TREE PRESERVATION ORDINANCE

BASE ZONING DISTRICT: D H RIO 3 DOWNTOWN (DOWNTOWN HISTORIC RIO 3) ADDITIONAL SITE HISTORICAL BUILDINGS: D H HE RIO 3 (DOWNTOWN HISTORICALLY **EXCEPTIONAL RIO 3)**

- MUNICIPAL AMENDMENTS, AND OTHER APPLICABLE CODES AND ORDINANCES.
- REQUIREMENTS ARE INDICATED OR REQUIRED BY CODE.
- TO OWNER OR PROJECT ARCHITECT.

- COORDINATION ONLY, EXCEPT WHERE LAYOUT INFORMATION IS PROVIDED ON
- RULES AND REGULATION REGARDING ARCHEOLOGY. CITY ARCHAEOLOGIST: KAY HINDES (210) 207-7306 THE HISTORICALLY SIGNIFICANT ACEQUIA MADRE DE VALERO IS LOCATED WITHIN THE
- REQUIRED TO PROTECT THIS FEATURE.

CODE SUMMARY

- GENERAL CODE:
- a. 2021 INTERNATIONAL BUILDING CODE

- f. 2018 INTERNATIONAL FIRE CODE

- SAN ANTONIO UNIFIED DEVELOPMENT CODE (UDC)

ZONING

CIVIC PARK BID PACKAGE 3: PARK BUILDOUT



HEMISFAIR



HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

PUBLIC WORKS DEPARTMENT

SAN ANTONIO TX 78283-3966

P.O. BOX 839966

PH. 210-207-6924

PUBLIC WORKS DEPT. PROJECT # 23-01670 100% CONSTRUCTION

DRAWINGS PHASE 2

GGN LANDSCAPE ARCHITECTURE LTD.

CIVIL ENGINEER MAGNUSSON KLEMENCIC ASSOCIATES

PH. 206-292-1200 STRUCTURAL ENGINEER
INTELLIGENT ENGINEERING SERVICES

PH. 210-349-9098 MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841

CMS COLLABORATIVE PH. 831-425-3743

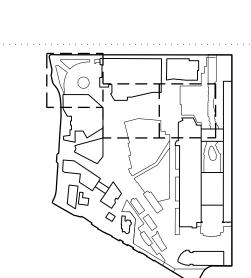
COST ESTIMATING DREW COLLABORATIVE WORKS

TILLETT LIGHTING

LANDSCAPE ARCHITECT

RIALTO STUDIO

SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999





NO. DATE

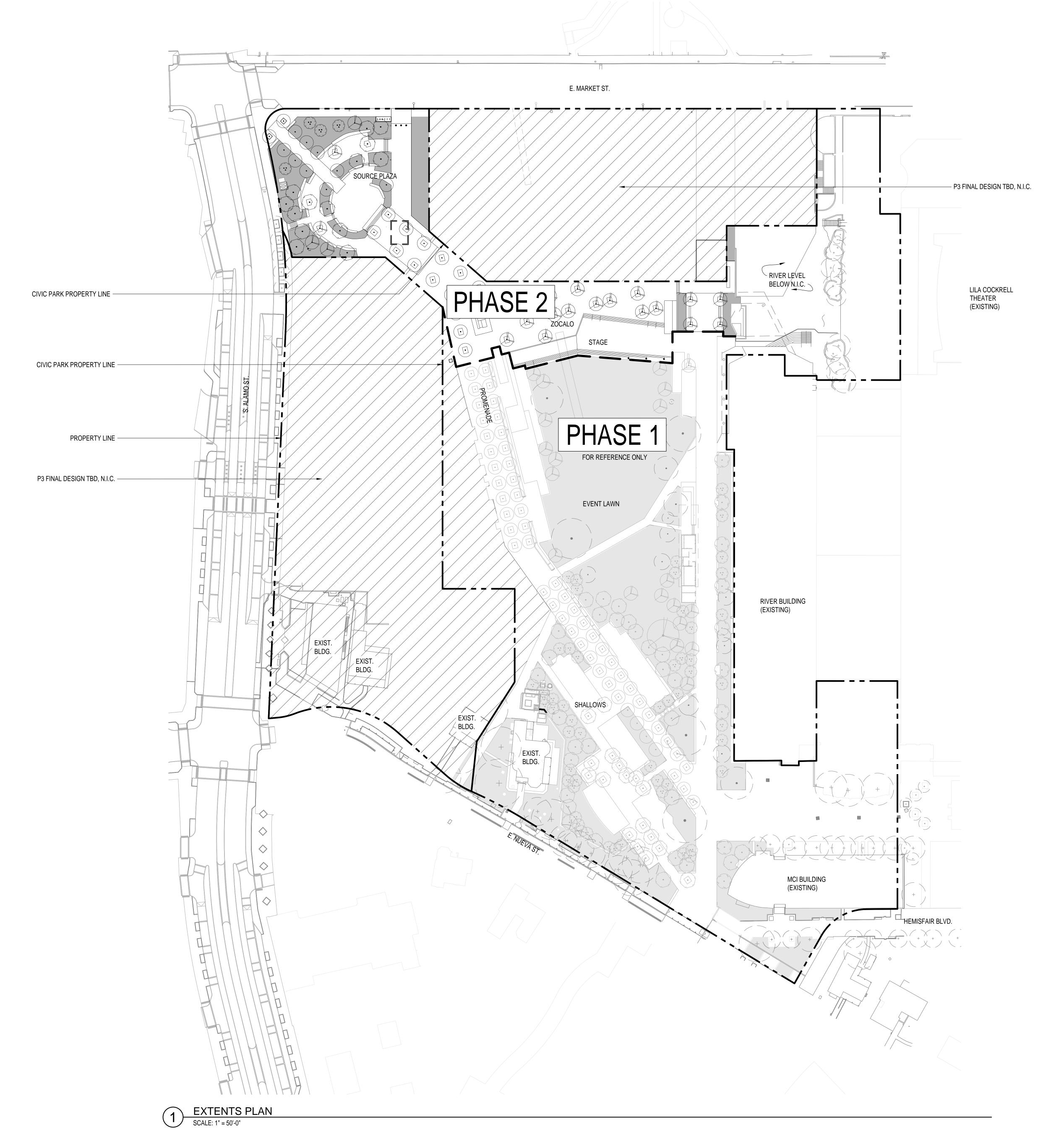
REVISIONS: DESCRIPTION

01 07-28-23 100% CD SET

GGN PROJECT # 07/28/2023

> SHEET INDEX & GENERAL NOTES

2G0.001



NOTES

- 1. P3 BUILDINGS ARE SHOWN FOR REFERENCE ONLY. BUILDING FOOTPRINTS ARE IN DEVELOPMENT, AND IS SUBJECT TO CHANGE.
- 2. ALAMO STREET DESIGN IS SHOWN FOR REFERENCE ONLY. STREET LAYOUT IS IN

A. PROJECT IDENTIFICATION: HEMISFAIR CIVIC PARK, BID PACKAGE 2: PARK

C. CONSTRUCTION OF A NEW PUBLIC PARK IN THE HEART OF DOWNTOWN SAN

B. PROJECT LOCATION: 210 SOUTH ALAMO STREET, SAN ANTONIO, TEXAS.

ANTONIO, TEXAS, INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:

DEVELOPMENT, AND IS SUBJECT TO CHANGE. 3. PHASE 1 WORK SHOWN FOR REFERENCE

PROJECT DESCRIPTION

BUILDOUT

a. PAVING b. WALLS

c. IRRIGATION d. PLANTING e. SEATING

h. UTILITIES

j. LIGHTING

f. SITE FURNISHINGS

g. STAIRS AND RAILS

i. WATER FEATURES

k. WAYFINDING AND SIGNAGE



HEMISFAIR

CIVIC PARK

BID PACKAGE 3: PARK BUILDOUT

CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT P.O. BOX 839966 SAN ANTONIO TX 78283-3966 PH. 210-207-6924



HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

PUBLIC WORKS DEPT. PROJECT # 23-01670

100% CONSTRUCTION **DRAWINGS**

PHASE 2

PRIME CONSULTANT / LANDSCAPE ARCHITECT GGN LANDSCAPE ARCHITECTURE LTD. PH. 206-903-6802

CIVIL ENGINEER MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200

STRUCTURAL ENGINEER INTELLIGENT ENGINEERING SERVICES PH. 210-349-9098 MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841

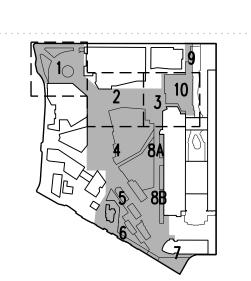
FOUNTAIN CMS COLLABORATIVE PH. 831-425-3743

COST ESTIMATING DREW COLLABORATIVE WORKS PH. 206-718-2840

LIGHTING TILLETT LIGHTING PH. 212-766-0144

LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155

SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999





REVISIONS:

NO. DATE DESCRIPTION 01 07-28-23 100% CD SET

CHECKED BY DRAWN BY

07/28/2023

EXTENTS PLAN

Doc# 20210151718 Vol: 20002 Pg: 751 06/04/2021 9:12AM Page 1 of 1 Lucy Adame-Clark, Bexar County Clerk PS/SAWS/COSA UTILITY: THE CITY OF SAN ANTONIO AS PART OF ITS ELECTRIC, GAS, WATER, AND WASTEWATER STEMS - CITY PUBLIC SERVICE BOARD (CPS ENERGY) AND SAN ANTONIO WATER SYSTEM PLAT NO. 180397 WATER AND/OR WASTEWATER IMPACT FEES WERE NOT PAID AT THE TIME OF THE DRAINAGE EASEMENTS WERE DELINEATED TO CONTAIN THE LESSER OF THE PLATTING FOR THIS PLAT. ALL IMPACT FEES MUST BE PAID PRIOR TO WATER BOUNDARIES OF THE 1% ANNUAL CHANCE (100-YEAR) FLOOD ZONE ESTABLISHED NAWS) - IS HEREBY DEDICATED EASEMENTS AND RIGHTS-OF-WAY FOR UTILITY, TRANSMISSION ND DISTRIBUTION INFRASTRUCTURE AND SERVICE FACILITIES IN THE AREAS DESIGNATED ON BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) IN ACCORDANCE REPLAT ESTABLISHING METER SET AND/OR WASTEWATER SERVICE CONNECTION. WITH DFIRM PANEL 48029C0415G, DATED 09/29/10; OR THE 1% ANNUAL CHANCE SAN ANTONIO THIS PLAT AS "ELECTRIC EASEMENT," "ANCHOR EASEMENT," "SERVICE EASEMENT," "OVERHANG EASEMENT," "UTILITY EASEMENT", "GAS EASEMENT," "TRANSFORMER EASEMENT," "WATER (100-YEAR) ULTIMATE DEVELOPMENT CONDITION WATER SURFACE ELEVATION; OR EASEMENT," "UTILITY EASEMENT", "GAS EASEMENT," "TRANSFORMER EASEMENT," "WATER EASEMENT," "SANITARY SEWER EASEMENT" AND/OR "RECYCLED WATER EASEMENT" FOR THE PURPOSE OF INSTALLING, CONSTRUCTING, RECONSTRUCTING, MAINTAINING, REMOVING, INSPECTING, PATROLLING, AND ERECTING UTILITY INFRASTRUCTURE AND SERVICE FACILITIES FOR THE REASONS DESCRIBED ABOVE. CPS ENERGY AND SAWS SHALL ALSO HAVE THE RIGHT TO RELOCATE SAID INFRASTRUCTURE AND SERVICE FACILITIES WITHIN EASEMENT AND RIGHT-OF-WAY AREAS, TOGETHER WITH THE RIGHT OF INGRESS AND EGRESS OVER GRANTOR'S ADJACENT LANDS FOR THE PURPOSE OF ACCESSING SUCH INFRASTRUCTURE AND SERVICE FACILITIES AND THE RIGHT TO REMOVE FROM SAID LANDS ALL TREES OR PARTS THEREOF, OR OTHER OBSTRUCTIONS WHICH ENDANGER OR MAY INTERFERE WITH THE EFFICIENCY OF WATER, SEWER, GAS, AND/OR ELECTRIC INFRASTRUCTURE AND SERVICE FACILITIES. NO BUILDING, STRUCTURE, CONCRETE SLABS, OR WALLS WILL BE PLACED WITHIN EASEMENT AREAS WITHOUT AN ENCROACHMENT AGREEMENT WITH THE RESPECTIVE UTILITY. 2. ANY CPS ENERGY OR SAWS MONETARY LOSS RESULTING FROM MODIFICATIONS REQUIRED OF CPS ENERGY OR SAWS INFRASTRUCTURE AND SERVICE FACILITIES, LOCATED WITHIN SAID EASEMENTS, DUE TO GRADE CHANGES OR GROUND ELEVATION ALTERATIONS SHALL BE HEMISFAIR - NORTHWEST THE NUMBER OF WASTEWATER EQUIVALENT DWELLING UNITS (EDU'S) PAID FOR THE 4% ANNUAL CHANCE (25-YEAR) ULTIMATE DEVELOPMENT FLOODPLAIN PLUS THIS SUBDIVISION PLAT ARE KEPT ON FILE UNDER THE PLAT NUMBER AT THE SAN FREEBOARD. CONSTRUCTION, IMPROVEMENTS, OR STRUCTURES WITHIN THE DRAINAGE EASEMENTS AND FLOODPLAIN ARE PROHIBITED WITHOUT PRIOR QUADRANT WRITTEN APPROVAL FROM THE FLOODPLAIN ADMINISTRATOR OF THE CITY OF SAN ANTONIO OR BEXAR COUNTY. NON-RESIDENTIAL FINISHED FLOOR ELEVATION -THE 14.030 ACRE TRACT BEING REPLATTED IS 9.612 ACRES OUT OF LOT 14, AND 0.763 OF AN COMMON AREA MAINTENANC ACRE OUT OF THE 1.598 ACRE PUBLIC WATERWAY RIGHT-OF-WAY, BOTH OF THE HB FINISHED FLOOR ELEVATIONS FOR NON-RESIDENTIAL STRUCTURES SHALL BE NO THE MAINTENANCE OF ALL PRIVATE STREETS, OPEN SPACE, GREENBELTS, LESS THAN ONE FOOT ABOVE THE BASE FLOOD ELEVATION OF THE REGULATORY GONZALES CONVENTION CENTER SUBDIVISION RECORDED IN VOLUME 9677, PAGE 10-12, A FLOODPLAIN (CITY OF SAN ANTONIO ULTIMATE DEVELOPMENT FLOODPLAIN). THE PARKS, TREE SAVE AREAS, INCLUDING DRAINAGE EASEMENTS AND EASEMENTS AND EASEMENTS 2.528 ACRES OUT OF LOT 12, CIVIC CENTER PROJECT NO. 5, TEX R-83 URBAN RENEWAL LOWEST ADJACENT GRADE SHALL BE AT OR ABOVE THE BASE FLOOD ELEVATION. OF ANY OTHER NATURE WITHIN THIS SUBDIVISION SHALL BE THE RESPONSIBILITY AGENCY RECORDED IN VOLUME 9518, PAGE 122-126, BOTH OF THE DEED AND PLAT FLOOD-PROOFING MAY BE ALLOWED IF ELEVATING THE STRUCTURE IS NOT OF THE PROPERTY OWNERS, OR THE PROPERTY OWNERS, ASSOCIATION, OR ITS RECORDS OF BEXAR COUNTY, TEXAS AND INCLUDING THE FOLLOWING TRACTS DESCRIBE FEASIBLE, IF APPROVED BY THE FLOODPLAIN ADMINISTRATOR OF THE CITY OF SAN SUCCESSORS OR ASSIGNS AND NOT THE RESPONSIBILITY OF THE CITY OF SAN IN ORDINANCE 2017-02-02-0053 OF THE CITY OF SAN ANTONIO BEING STREET CLOSING, VACATING AND ABANDONMENTS, 0.0875 ACRE TRACT 2A, 0.656 ACRE MARKET STREET-EAST SEMENTS, DUE TO GRADE CHANGES OR GROUND ELEVATION ALTERATIONS SHALL BE ANTONIO. ANTONIO. ANTONIO. 0.276 ACRE MARKET STREET-WEST, 0.107 ACRE MARKET STREET. ESTABLISHING LOTS 18-20, BLOCK 3 NEW CITY BLOCK 13814. OUND ELEVATION ALTERATIONS. THIS PLAT DOES NOT AMEND, ALTER, RELEASE OR OTHERWISE AFFECT ANY EXISTING NO STRUCTURE, FENCES, WALLS OR OTHER OBSTRUCTIONS THAT IMPEDE DRAINAGE SHALL BE PLACED WITHIN THE LIMITS OF THE DRAINAGE EASEMENTS ECTRIC, GAS, WATER, SEWER, DRAINAGE, TELEPHONE, CABLE TV EASEMENTS OR ANY OTHER MENTS FOR UTILITIES UNLESS THE CHANGES TO SUCH EASEMENTS ARE DESCRIBED SHOWN ON THIS PLAT. NO LANDSCAPING OR OTHER TYPE OF MODIFICATIONS, WHICH ALTER THE CROSS-SECTIONS OF THE DRAINAGE EASEMENTS, AS APPROVED, SHALL BE ALLOWED WITHOUT THE APPROVAL OF THE DIRECTOR OF LOCATION MAP TCI OR DIRECTOR OF PUBLIC WORKS. THE CITY OF SAN ANTONIO AND BEXAR ADEQUATE FIRE DEPARTMENT VEHICLE ACCESS PER THE CITY OF SAN ANTONIO FIRE COUNTY SHALL HAVE THE RIGHT OF INGRESS AND EGRESS OVER THE GRANTOR'S SCALE: 1"= 100' CODE. THE CROSS ACCESS SHALL NOT BE BLOCKED NOR MAY THIS NOTE BE TAKEN ADJACENT PROPERTY TO REMOVE ANY IMPEDING OBSTRUCTIONS PLACED WITHIN THIS PLAT CONTAINS AMENDMENTS APPROVED BY THE OFF OF THE PLAT WITHOUT WRITTEN PERMISSION FROM THE CITY OF SAN ANTONIO THE LIMITS OF SAID DRAINAGE EASEMENT AND TO MAKE ANY MODIFICATIONS OR DIRECTOR OF DEVELOPMENT SERVICES ON: 1 June 2621 DIRECTOR OF DEVELOPMENT SERVICES AND THE SAN ANTONIO FIRE DEPARTMENT FIRE IMPROVEMENTS WITHIN SAID DRAINAGE EASEMENTS. PAPE-DAWSON ENGINEERS EAST MARKET STREET (VARIABLE WIDTH R.O.W., 62' MIN.) N: 13701615.74 (VOL 9518, PGS 122-126, DPR) 2000 NW LOOP 410 | SAN ANTONIO, TX 78213 | 210.375.9000 E: 2131746.50 S75°00'34"E ~ 738.21' TIPPE FIRM REGISTRATION #470 1 TBPLS FIRM REGISTRATION #10028800 DATE OF PREPARATION: May 20, 2020 SAN ANTONIO CONVENTION CENTER HOTEL BLOCK 3 COUNTY OF BEXAR NCB 13814 (VOL. 9569, PG. 36, ---654---THE OWNER OF LAND SHOWN ON THIS PLAT, IN PERSON OR THROUGH A DULY (2.140 ACRES) AUTHORIZED AGENT, DEDICATES TO THE USE OF THE PUBLIC, EXCEPT AREAS IDENTIFIED AS PRIVATE OR PART OF AN ENCLAVE OR PLANNED LINIT DEVELOPMENT, FOREVER ALL AREA BEING REPLATTED STREETS, ALLEYS, PARKS, WATERCOURSES, DRAINS, EASEMENTS AND PUBLIC PLACES THEREON SHOWN FOR THE PURPOSE AND CONSIDERATION THEREIN EXPRESSED. THE 14,030 ACRE TRACT BEING REPLATTED IS 9.612 ACRES OUT OF LOT 14, AND 0.763 OF AN ACRE OUT OF THE 1.598 ACRE PUBLIC WATERWAY RIGHT-OF-WAY, BOTH OF THE HB GONZALES CONVENTION CENTER SUBDIVISION RECORDED IN VOLUME 9677, PAGE 10-12, A 2.528 ACRES OUT OF LOT 12, CIVIC CENTER PROJECT NO. 5, TEX R-83 URBAN RENEWAL OWNER/DEVELOPER: HOMER GARCIA III (LOT 19 AND LOT 901) SAN ANTONIO PARKS AND RECREATION DEPARTMENT AGENCY RECORDED IN VOLUME 9518, PAGE 122-126, BOTH OF THE DEED AND PLAT RECORDS OF BEXAR COUNTY, TEXAS AND INCLUDING THE FOLLOWING TRACTS (23.129 ACRES) H.B GONZALEZ CONVENTION CENTER **~**124.65' SAN ANTONIO, TEXAS 78283 DESCRIBED IN ORDINANCE 2017-02-02-0053 OF THE CITY OF SAN ANTONIO BEING STREET CLOSING, VACATING AND ABANDONMENTS, 0.0875 ACRE TRACT 2A, 0.656 ACRE MARKET BLOCK 3 (210) 207-7275 - - - - - - -STATE OF TEXAS STREET-EAST, 0.276 ACRE MARKET STREET-WEST, 0.107 ACRE MARKET STREET. SUBDIVISION (VOL. 9677, PGS. 10–12, NCB 13814 COUNTY OF BEXAR (0.727 ACRES) (SHEET 2 OF 3) BEFORE ME, THE UNDERSIGNED AUTHORITY ON THIS DAY PERSONALLY APPEARED CB COUNTY BLOCK HOMER GARCIA III KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE DPR DEED AND PLAT RECORDS OF EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATIONS THEREIN EXPRESSED BEXAR COUNTY, TEXAS AND IN THE CAPACITY THEREIN STATED GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS DAY OF TUNE, A.D. 20 20. DR DEED RECORDS OF BEXAR FOUND 1/2" IRON ROD (UNLESS NOTED OTHERWISE) **GETCTV** GAS, ELECTRIC, TELEPHONE SET 1/2" IRON ROD (PD) AND CABLE TELEVISION ້າເຂົ້ອNotary Public, State of Tex FOUND MONUMENTATION NCB NEW CITY BLOCK Comm. Expires 04-06-2024 OPR OFFICIAL PUBLIC RECORDS — -1140- — EXISTING CONTOURS Notary ID 125947788 PROPOSED CONTOURS (OFFICIAL PUBLIC RECORDS BLOCK 3 OF REAL PROPERTY) OF EFFECTIVE (EXISTING) FEMA BEXAR COUNTY, TEXAS 1% ANNUAL CHANCE NCB 13814 BLOCK 3 (100-YR) FLOODPLAIN (3.058 ACRES) DFIRM PANEL: 48029C0415G NCB 13814 THE OWNER OF LAND SHOWN ON THIS PLAT, IN PERSON OR THROUGH A DU AUTHORIZED AGENT, DEDICATES TO THE USE OF THE PUBLIC, EXCEPT AREAS IDENTIFIED .653 (8.104 ACRES) AS PRIVATE OR PART OF AN ENCLAVE OR PLANNED UNIT DEVELOPMENT, FOREVER ALL 50' UTILITY EASEMENT (VOL 9518, PGS 122-126, DPR) 20' ABOVE GROUND NO BUILD EASEMENT TREETS, AMEYS, PARKS, WATERCOURSES, DRAINS, EASEMENTS AND PUBLIC PLACES REMAINING PORTION OF 20' 25 59.4' X 78.5' PUBLIC DRAINAGE EASEMENT CHILLED WATER & HEREON SHOWN FOR THE PURPOSE AND CONSIDERATION THEREIN EXPRESSED. CHILLED WATER & SEE DETAIL 'B' STEAM LINE EASEMENT 3 10' GAS AND ELECTRIC EASEMENT (SHEET 3 OF 3 OWNER/DEVELOPER: LORI HOUSTON (LOT 18 AND 20) (VOL 9518, PG 122-126, DPR) HEMISFAIR PARK PUBLIC FACILITIES CORPORATION 30' NON-BUILD EASEMENT 4 10' GAS AND ELECTRIC EASEMENT 41.32' DRAINAGE EASEMENT (VOL 9569, PG 36, DPR) 5 VARIABLE WIDTH ELECTRIC EASEMENT 1 SAN ANTONIO, TEXAS 78283 (210) 207-7080 STATE OF TEXAS 6 VARIABLE WIDTH ELECTRIC EASEMENT 2 –N1\5°01′04″È ~ 121.50′ SAN ANTONIO RIVER AUTHORITY 5 PERMANENT SUBTERRANEAN (7) 10' X 42.7' GAS EASEMENT EASEMENT BEFORE ME, THE UNDERSIGNED AUTHORITY ON THIS DAY PERSONALLY APPEARE _SEE DETAIL 'C' LORI HOUSTON KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE $\overline{}$ (SHEET 3 OF 3) (VOL 4220, PG 152, OPR) LAUREL JOHNSTON PROPERTY CORNERS ARE MONUMENTED WITH CAP OR DISK MARKED "PAPE-DAWSON" UNLESS NOTED OTHERWISE. Notary Public, State of Texas Comm. Expires 08-14-2022 COORDINATES SHOWN ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 NAD83 (NA2011) EPOCH 2010.00 FROM THE TEXAS COORDINATE SYSTEM Notary ID 125637097 ESTABLISHED FOR THE SOUTH CENTRAL ZONE DISPLAYED IN GRID VALUES DERIVED FROM THE NGS COOPERATIVE CORS NETWORK. DIMENSIONS SHOWN ARE SURFACE. BEARINGS ARE BASED ON THE NORTH AMERICAN DATUM OF 1983 NAD83 THE CITY OF SAN ANTONIO, TEXAS, AND HAVING BEEN REVIEWED BY THE DIRECTOR O (NA2011) EPOCH 2010.00, FROM THE TEXAS COORDINATE SYSTEM ESTABLISHED FOR THE SOUTH CENTRAL ZONE. DEVELOPMENT SERVICES, IS HEREBY APPROVED IN ACCORDANCE WITH STATE OR THOMAS MATTHEW CARTER LOT 14, BLOCK 3, NCB 13814 LOCAL LAWS AND REGULATIONS; AND/OR WHERE ADMINISTRATIVE EXCEPTION(S H.B. GONZALEZ CONVENTION (SHEET 3 OF 3) 7CENTER SUBDIVISION (VOL. 9677, PGS. 10-12, DPR) I HEREBY CERTIFY THAT PROPER ENGINEERING CONSIDERATION HAS BEEN GIVEN THIS PLAT TO THE MATTERS OF STREETS, LOTS AND DRAINAGE LAYOUT. TO THE BEST OF MY BLOCK 3, NCB 13814 DATED THIS _____ DAY OF 7 0.276 ACRES FROM RIGHT-OF-WAY TO PARK KNOWLEDGE THIS PLAT CONFORMS TO ALL REQUIREMENTS OF THE UNIFIED (CITY ORDINANCE NO. 2017-02-02-0053) DEVELOPMENT CODE, EXCEPT FOR THOSE VARIANCES GRANTED BY THE SAN (VOL. 9518, PGS. 122-126, DPR) 8 0.656 ACRE RIGHT-OF-WAY TAKE BACK PORTION OF EXISTING PUBLIC WATERWAY ROW (0.143 ACRES) (CITY ORDINANCE NO. 201-02-02-0053) (VOL. 9677, PGS. 10-12, DPR) 9 0.107 ACRES FROM 4 REMAINDER PORTION OF EXISTING RIGHT-OF-WAY TO PARK STATE OF TEXAS (CITY ORDINANCE NO. 2017-02-02-0053) PUBLIC WATERWAY ROW 10 LOT 13, BLOCK 3, NCB 13814 COUNTY OF BEXAR (0.8286 ACRES) (VOL. 9677, PGS. 10-12, DRP) SAN ANTONIO CONVENTION CENTER HOTEL HEREBY CERTIFY THAT THE ABOVE PLAT CONFORMS TO THE MINIMUM STANDARDS SET REMAINDING OF PORTION OF FORTH BY THE TEXAS BOARD OF PROFESSIONAL LAND SURVEYING ACCORDING TO AN ACTUAL SURVEY MADE ON THE GROUND BY: PAPE-DAWSON ENGINEERS, INC. REMAINING PORTION OF LOT 14, BLOCK 3, NCB 13814 (VOL. 9569, PG. 36, DPR) REMAINDER PORTION OF LOT 12, BLOCK 3, NCB 13814 ACTUAL SURVEY MADE ON THE GROUND BY: PAPE-DAWSON ENGINEERS, INC. H.B. GONZALEZ CONVENTION CIVIC CENTER PROJECT NO. 5 TEX. R-83 URBAN RENEWAL CIVIC CENTER PROJECT NO. 5 TEX. R-83 URBAN RENEWAL AGENCY, CITY OF SAN ANTONIO, TEXAS CENTER SUBDIVISION (32.07 ACRES) AGENCY, CITY OF SAN ANTONIO, TEXAS (VOL. 9677, PGS. 10-12, DRP) 13700403.62 (VOL. 9518, PGS. 122-126, DPR) 5-26-2020 6 0.0875 ACRES OF SOUTH ALAMO (VOL. 9518, PGS. 122-126, DPR) E: 2132076.02 SHEET 1 OF 3 STREET RIGHT-OF-WAY

NOTES

1. THIS DOCUMENT WAS PREPARED UNDER A SEPARATE AGREEMENT AND IS PROVIDED FOR REFERENCE ONLY.

HEMISFAIR **CIVIC PARK BID PACKAGE 3: PARK BUILDOUT**



CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT P.O. BOX 839966 SAN ANTONIO TX 78283-3966 PH. 210-207-6924



HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

PUBLIC WORKS DEPT. PROJECT # 23-01670 100% CONSTRUCTION

DRAWINGS PHASE 2

PRIME CONSULTANT / LANDSCAPE ARCHITECT GGN LANDSCAPE ARCHITECTURE LTD.

PH. 206-903-6802 CIVIL ENGINEER MAGNUSSON KLEMENCIC ASSOCIATES

PH. 206-292-1200 STRUCTURAL ENGINEER INTELLIGENT ENGINEERING SERVICES PH. 210-349-9098

MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841

FOUNTAIN CMS COLLABORATIVE PH. 831-425-3743

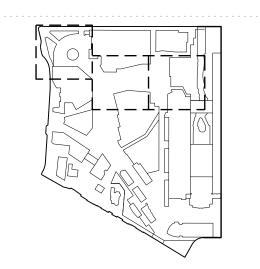
COST ESTIMATING DREW COLLABORATIVE WORKS

TILLETT LIGHTING PH. 212-766-0144

LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155

SOILS & IRRIGATION DESIGN

JEFFREY BRUCE & COMPANY PH. 816-842-8999



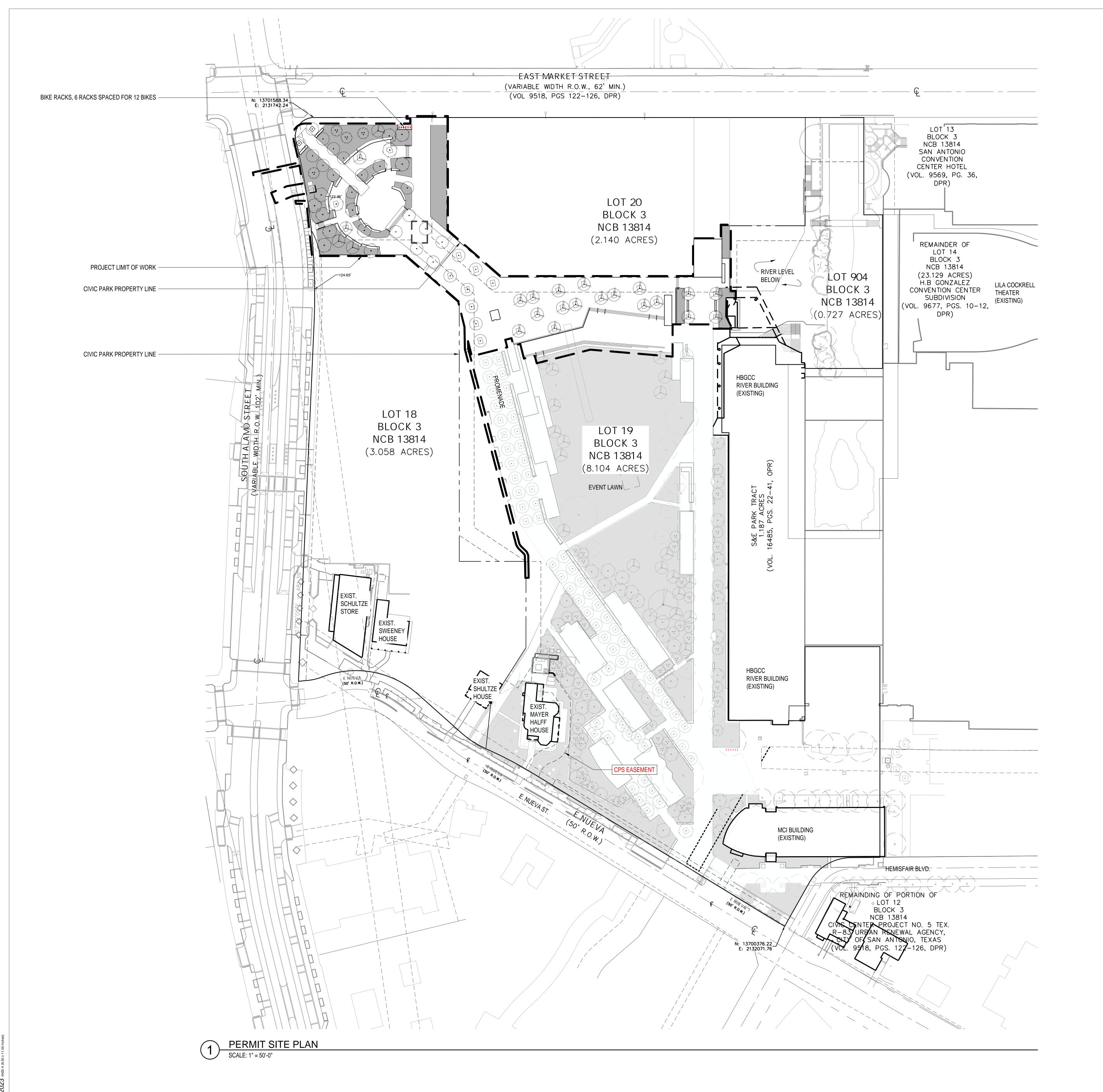
REVISIONS:

NO.	DATE	DESCRIPTION
01	07-28-23	100% CD SET

07/28/2023

PLAT

2G0.006



NOTES

LOT 19

BLOCK 3

NCB 13814

SHEET 2G 0.006

1. ALAMO STREET DESIGN IS SHOWN FOR REFERENCE ONLY. STREET LAYOUT IS IN DEVELOPMENT, AND IS SUBJECT TO CHANGE.

PROPERTY LEGAL DESCRIPTION

210 SOUTH ALAMO STREET

FOR MORE PROPERTY

INFORMATION, SEE PLAT ON

3. ALL SIDEWALKS, CURBS, RAMPS, AND DRIVE APPROACHES IN THE RIGHT OF WAY

SHALL BE IN COMPLIANCE WITH CURRENT TEXAS ACCESSIBILITY STANDARDS AND

CITY OF SAN ANTONIO DESIGN STANDARDS PRIOR TO FINAL INSPECTION APPROVAL

- PHASE 1 WORK SHOWN FOR REFERENCE ONLY.



HEMISFAIR

CIVIC PARK

BID PACKAGE 3: PARK BUILDOUT

CITY OF SAN ANTONIO
PUBLIC WORKS DEPARTMENT
P.O. BOX 839966
SAN ANTONIO TX 78283-3966
PH. 210-207-6924



HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

PUBLIC WORKS DEPT. PROJECT # 23-01670 100% CONSTRUCTION

DRAWINGS

PHASE 2

PRIME CONSULTANT / LANDSCAPE ARCHITECT GGN LANDSCAPE ARCHITECTURE LTD. PH. 206-903-6802

CIVIL ENGINEER MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200

STRUCTURAL ENGINEER INTELLIGENT ENGINEERING SERVICES PH. 210-349-9098

MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841 FOUNTAIN

CMS COLLABORATIVE PH. 831-425-3743

COST ESTIMATING DREW COLLABORATIVE WORKS PH. 206-718-2840

LIGHTING TILLETT LIGHTING PH. 212-766-0144 LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155

SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999



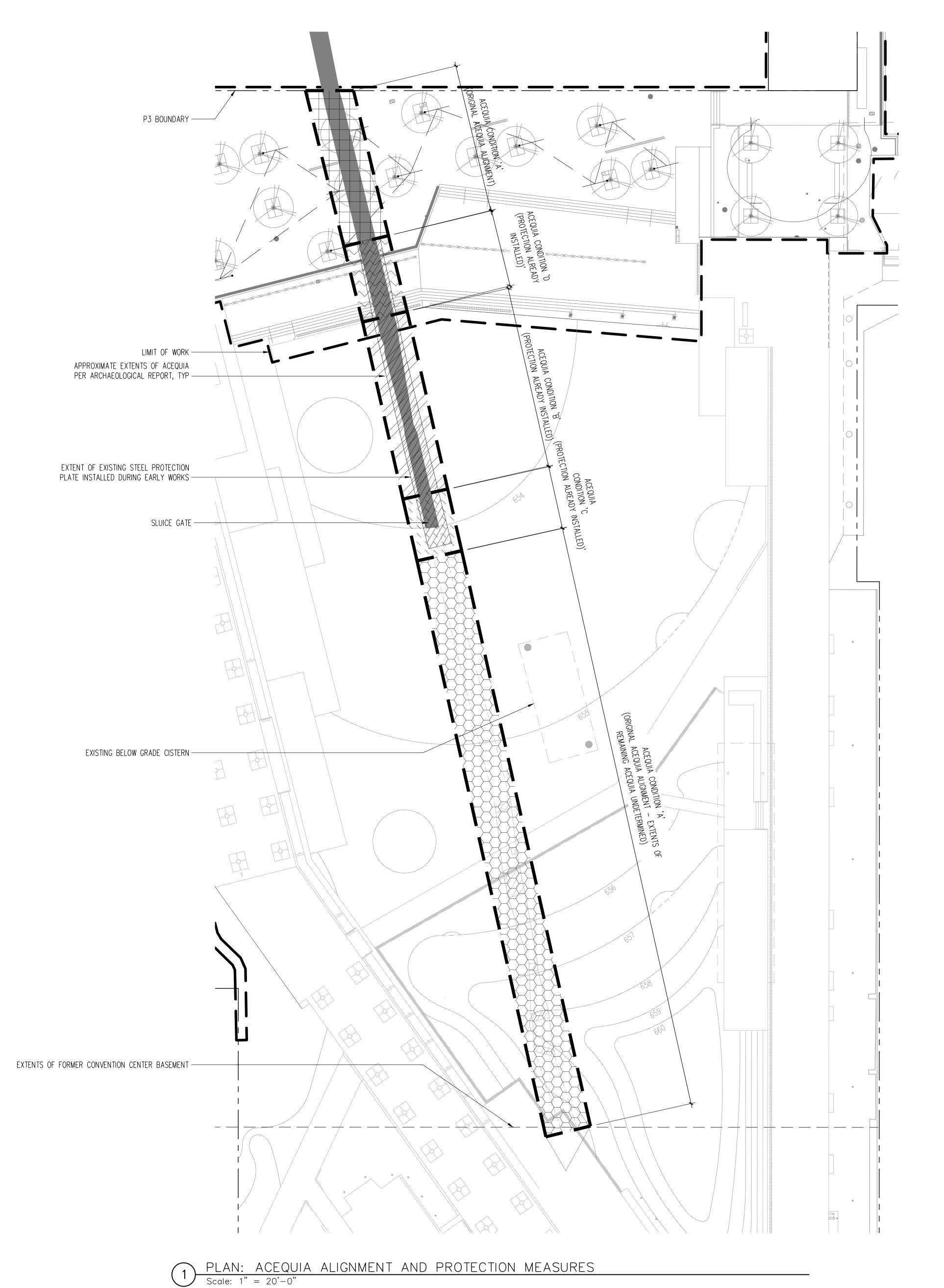


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VIOIOIVO	•
DATE	DESCRIPTION
07-28-23	100% CD SET

DRAWN BY CHECKED BY

PERMIT SITE PLAN





- 1. THE HISTORICALLY SIGNIFICANT ACEQUIA MADRE DE VALERO AND A STONE-LINED WELL ARE LOCATED WITHIN THE PROJECT LIMITS. MEASURES HAVE BEEN PUT IN PLACE TO PROTECT THE ACEQUIA DURING CONSTRUCTION; HOWEVER, IF THOSE MEASURES ARE DISTURBED, WORK SHALL CEASE IN THAT LOCATION AND THE CITY ARCHEOLOGIST (210-207-7306 OR 210-207-5421) AND EMD PROJECT MANAGER (210-207-1499) SHOULD BE CONTACTED IMMEDIATELY. EACH PROTECTION MEASURE (= CONDITION), APPROVED BY THE TEXAS HISTORICAL COMMISSION (THC) ON 23 JUNE 2017, WAS DETERMINED BASED ON THE AMOUNT OF COVER THAT WOULD REMAIN OVER THE ACEQUIA DURING AND AFTER CONSTRUCTION WAS COMPLETED.
- 2. THESE CONDITIONS ARE INCLUDED HERE IN CASE THE AMOUNT OF COVER OVER THE ACEQUIA CHANGES DURING CONSTRUCTION AND THE ACEQUIA REQUIRES ADDITIONAL PROTECTION. EXHIBITS ARE PROVIDED ON SHEET 2G1.202 TO HELP ILLUSTRATE EACH CONDITION.
 - A. CONDITION A: THIS CONDITION REQUIRES NO ADDITIONAL PROTECTION MEASURE TO PRESERVE THE ACEQUIA. IT IS IN AREAS WHERE THE EXISTING COVERAGE OVER THE ACEQUIA IS GREATER THAN THREE FEET AND NO ADDITIONAL EXCAVATION IS REQUIRED. SEE 1/2G1.202.
- B. CONDITION B: THIS CONDITION WILL BE USED WHEN COVERAGE OVER THE ACEQUIA IS LESS THAN THREE FEET. IN THESE LOCATIONS, A PERFORATED STEEL PLATE WILL BE PLACED OVER THE ACEQUIA THAT IS FIRST COVERED WITH LANDSCAPE FABRIC AND SEVERAL INCHES OF SAND. SEE 2/2G1.202.
- C. CONDITION C: THIS CONDITION HAS BEEN USED AT THE SLUICE GATE AND ASSOCIATED ELEMENTS. AT THIS LOCATION, THE FEATURE HAS BEEN ENCASED IN THE PERFORATED STEEL PLATES ALONG THE SIDES AND TOP. ALONG THE SIDES, THE PLATES HAVE BEEN PLACED APPROXIMATELY ONE FOOT FROM THE FEATURE. EXCAVATIONS TO INSTALL THIS PROTECTIVE SYSTEM WERE MONITORED BY TRAINED ARCHEOLOGISTS. SEE 3/2G1.202
- D. CONDITION D: THIS CONDITION IS REQUIRED WHERE THE COVERAGE OVER THE ACEQUIA IS LESS THAN THREE FEET AND STRUCTURAL ELEMENTS CROSS THE ACEQUIA. IN THESE LOCATIONS, A BRIDGING SYSTEM WILL BE CONSTRUCTED SO THAT THERE IS NO WEIGHT BEARING ON THE ACEQUIA. THIS CONDITION WILL BE REQUIRED AT THE FUTURE STAIRS AT THE NORTH END OF THE LAWN AND ANYWHERE ELSE STRUCTURAL ELEMENTS CROSS THE ACEQUIA. SEE 4/2G1.202 AND 5/2G1.202. SEE STRUCTURAL FOR ADDITIONAL DETAILS WHERE STRUCTURAL ELEMENTS CROSS THE ACEQUIA.
- 3. MITIGATION EXTENT ASSUMPTIONS FOR THE ACEQUIA DEL ALAMO ARE BASED ON INFORMATION PROVIDED IN THE "UNCOVERING AND DOCUMENTING THE ACEQUIA DEL ALAMO ON THE GROUNDS OF THE PLANNED CIVIC PARK AT HENRY B. GONZALEZ CONVENTION CENTER EXPANSION PROJECT, SAN ANTONIO, BEXAR COUNTY, TEXAS" PREPARED BY RABA KISTNER ENVIRONMENTAL, INC. IN MAY, 2017.
- 4. INFORMATION SHOWN IN THE DRAWINGS AND DETAILS IS BASED ON INFORMATION PROVIDED BY RABA KISTNER REPORT. FIELD CONDITIONS MAY VARY. CONTRACTOR SHALL VERIFY DEPTH AND ALIGNMENT OF ACEQUIA AND CROSS CHECK WITH REPORT AND DRAWINGS. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY FIELD DISCREPANCIES PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.
- 5. LOCATION AND ELEVATION INFORMATION FOR ACEQUIA SURVEY POINTS CAN BE FOUND IN "APPENDIX C: ELEVATION DATA" OF RABA KISTNER REPORT.
- 6. "AS-BUILT" LOCATIONS OF STEEL PROTECTION PLATES INSTALLED DURING EARLY WORKS ARE SHOWN IN THE DRAWINGS. ADDITIONAL AS-BUILT SURVEY DATA (LOCATIONS AND ELEVATIONS) CAN BE PROVIDED FOR REFERENCE.
- 7. WHERE THE ACEQUIA IS ENCOUNTERED, CONTRACTOR SHALL SURVEY THE TOP OF THE EXISTING ACEQUIA AND PROVIDE ELECTRONIC ELEVATIONS TO THE LANDSCAPE ARCHITECT. SURVEY SHALL BE AT THE SAME ELEVATIONAL DATUM AND HORIZONTAL CONTROL AS THE CIVIC PARK PROJECT.
- 8. FOR ANY PORTIONS OF THE ACEQUIA, REQUIRING MITIGATION CONDITIONS "B", "C" AND "D" CONTRACTOR SHALL PROVIDE FOUR (4) ADDITIONAL SURVEY POINTS AT THE TOP OF EACH CORNER OF INSTALLED STEEL PLATES FOR FUTURE COORDINATION.
- 9. CONTRACTOR SHALL PROVIDE A MINIMUM OF 6" OF SOIL COVERAGE OVER ENTIRE LENGTH OF ACEQUIA UPON COMPLETION.
- 10. ALL EXCAVATION ACTIVITIES ASSOCIATED WITH THE ACEQUIA MUST BE MONITORED BY AN ARCHEOLOGIST. COSA WILL PROVIDE THE ARCHEOLOGIST. THE CONTRACTOR MUST PROVIDE PUBLIC WORKS EMD AND/OR THE ARCHEOLOGIST CONSULTANT 48 HOURS NOTICE WHEN EXCAVATION ACTIVITIES WILL BE OCCURING. EXCAVATION ACTIVITIES IN THIS AREA CANNOT OCCUR WITHOUT AND ARCHEOLOGICAL MONITOR PRESENT TO MONITOR. CONSTRUCTION MUST STOP IN THE AREA IF THE ARCHEOLOGICAL CONSULTANT REQUESTS A "CEASE WORK" WHILE THEY CONFER WITH THE OFFICE OF HISTORIC PRESERVATION. CONSULTANT CONTACT INFORMATION WILL BE GIVEN TO THE CONTRACTOR ONCE THE CONSULTANT IS UNDER CONTRACT.
- 11. UTILITY INSTALLATIONS SHALL NOT IMPACT OR DAMAGE THE ACEQUIA. ANY UTILITIES THAT ARE REQUIRED TO PASS UNDER THE ACEQUIA WILL BE PLACED IN A CASED BORING TUNNEL WELL BELOW THE ACEQUIA.

LEGEND

ACEQUIA CONDITION 'A' — ORIGINAL ACEQUIA LOCATION, EXTENTS OF ACEQUIA UNDEFINED	
ACEQUIA CONDITION 'A' — AT EXISTING ACEQUIA PER RABA KISTNER REPORT	1 2G1.202
ACEQUIA CONDITION 'B'	2 2G1.202
ACEQUIA CONDITION 'C'	3 2G1.202
ACEQUIA CONDITION 'D'	4 2G1.202
ACEQUIA CONDITION 'D' AT FUTURE PARK CONSTRUCTION	5 2G1.202
ACEQUIA REMAINS FOUND/DOCUMENTED PER REPORT	



BID PACKAGE 2: PARK BUILDOUT



CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT P.O. BOX 839966 SAN ANTONIO TX 78283-3966 PH. 210-207-6924



HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

PUBLIC WORKS DEPT. PROJECT # 23-01670

PERMIT DRAWINGS

PHASE 1

PRIME CONSULTANT / LANDSCAPE ARCHITECT GUSTAFSON GUTHRIE NICHOL PH. 206-903-6802

PH. 206-903-6802

ARCHITECT
ALAMO ARCHITECTS
PH. 210-227-2612

CIVIL ENGINEER MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200

STRUCTURAL ENGINEER
INTELLIGENT ENGINEERING SERVICES
PH. 210-349-9098

MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841

FOUNTAIN
CMS COLLABORATIVE
PH. 831-425-3743
COST ESTIMATING

DREW COLLABORATIVE WORKS
PH. 206-718-2840

LIGHTING
TILLETT LIGHTING
PH. 212-766-0144

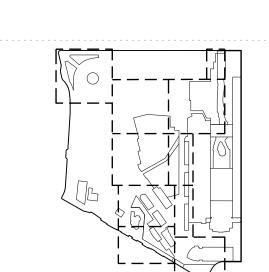
PH. 210-828-1155

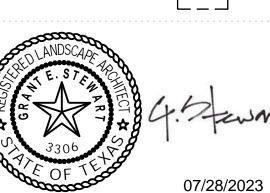
SOILS & IRRIGATION DESIGN
JEFFREY BRUCE & COMPANY

LANDSCAPE ARCHITECT

RIALTO STUDIO

PH. 816-842-8999





REVISIONS:

DATE	DESCRIPTION

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GS/DM

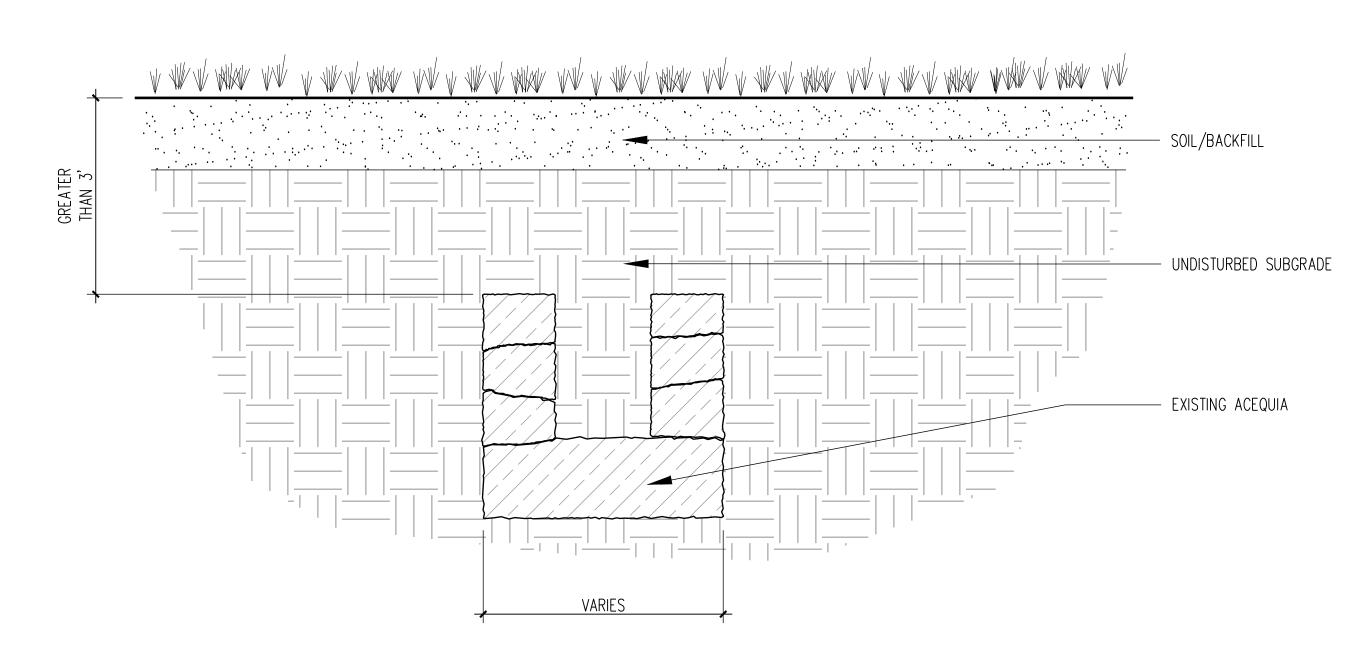
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9/24/2021 1410

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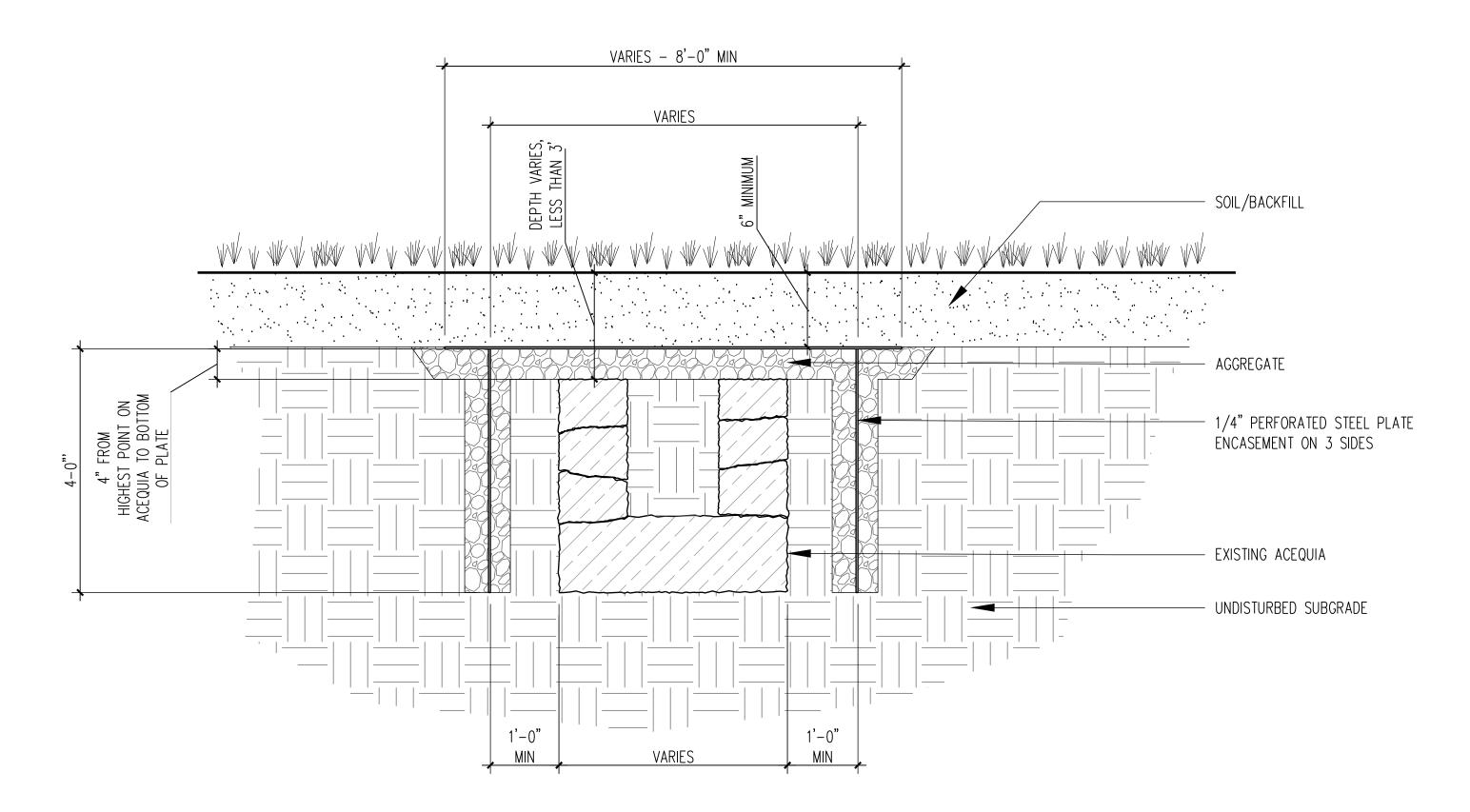
ACEQUIA PLAN AND NOTES

2G1.201



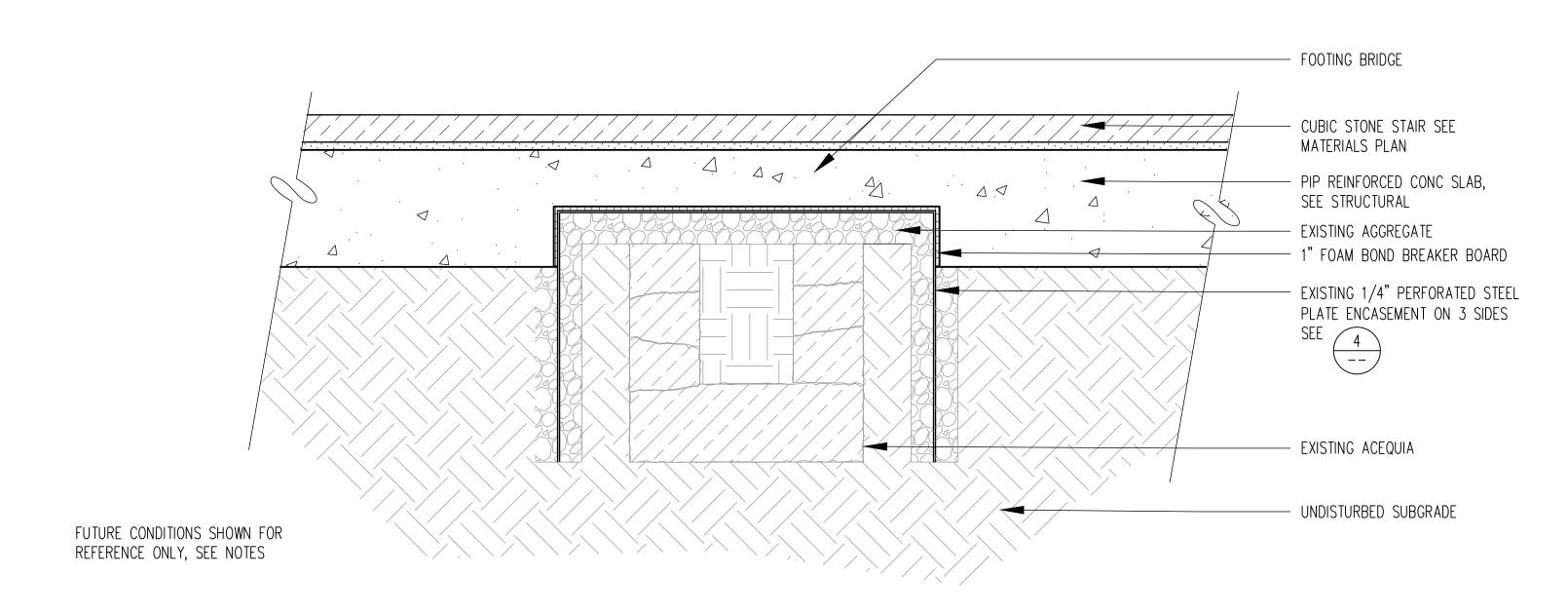
SECTION: ACEQUIA PROTECTION AT CONDITION 'A'

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



SECTION: ACEQUIA PROTECTION AT CONDITION 'C'

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



SOL/BACKFILL

1/4" PERFORATED STEEL PLATE
ENSING ACCOURA
COMPACTED SAND
GEOTEXTILE FABRIC

UNDISTURGED SUBGRADE

NOTES

1. REFER TO NOTES ON 2G1.201

SECTION: ACEQUIA PROTECTION AT CONDITION 'B'

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

SOL/BACKFILL
SOCI WELD CONNERS ALONG LENGTH
OF PLAILS UPON MYS ALLATION
ACCORDAN

ACCORDAN

LENGTH CHI S JUDIN MYS ALLATION
ACCORDAN
ACCORDAN

LENGTH CHI S JUDIN MYS ALLATION
ACCORDAN
A

SECTION: ACEQUIA PROTECTION AT CONDITION 'D'

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





CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT P.O. BOX 839966 SAN ANTONIO TX 78283-3966 PH. 210-207-6924



HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

PUBLIC WORKS DEPT. PROJECT # 23-01670

PERMIT DRAWINGS

PHASE 1

PRIME CONSULTANT / LANDSCAPE ARCHITECT GUSTAFSON GUTHRIE NICHOL PH. 206-903-6802

ARCHITECT ALAMO ARCHITECTS PH. 210-227-2612

CIVIL ENGINEER MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200

STRUCTURAL ENGINEER
INTELLIGENT ENGINEERING SERVICES
PH. 210-349-9098

MECHANICAL-ELECTRICAL-PLUMBING ENGINEER
CNG ENGINEERING
PH. 210-224-8841

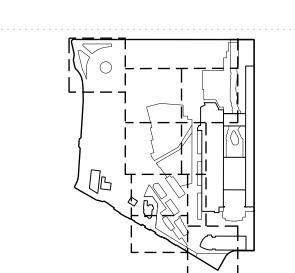
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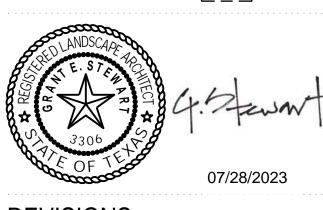
CMS COLLABORATIVE
PH. 831-425-3743

COST ESTIMATING
DREW COLLABORATIVE WORKS
PH. 206-718-2840

LIGHTING
TILLETT LIGHTING
PH. 212-766-0144

LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155 SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999





REVISIONS:

NO. DATE DESCRIPTION

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DRAWN BY
CHECKED BY

SS/SM

DATE
GGN PROJECT #

ACEQUIA PROTECTION DETAILS

2G1.202

LEGEND DESCRIPTION <u>SYMBOL</u> LIMITS OF WORK _____ MATCHLINE PROPERTY LINE EASEMENT LINE ______ SEDIMENT BARRIER GRATE INLET INSERT **CURB INLET GRAVEL FILTER** TYPE 1 FILTER DAM AT CHANNEL SECTION FILTER DAM TEMPORARY SEDIMENT CONTROL —————— **FENCE** INTERCEPTOR CHANNEL TEMPORARY SURFACE WATER FLOW **DIRECTION CONSTRUCTION EXIT** CATCHMENT AREA CENTERLINE __._.. 4" PERF SD PERFORATED STORM DRAIN 8" SD STORM DRAIN AREA DRAIN CAPPED OR PLUGGED END CLEANOUT MANHOLE TRENCH DRAIN SLOT DRAIN -----SANITARY SEWER LINE 8" W (P) POTABLE WATER LINE 2" W (IRR) IRRIGATION WATER LINE 8" W (F) FIRE WATER LINE COUPLING FIRE HYDRANT FITTING GATE VALVE HORIZONTAL THRUST BLOCK REDUCER N 1,433,544.34 E 2,454,789.02 COORDINATE POINT < x x x x x x CONCRETE SIDEWALK TYPE I × × × × × × CONCRETE PAVEMENT CONCRETE BASE TYPE I CONCRETE BASE TYPE II PAVEMENT PATCH SEE GENERAL NOTE 13 DEMOLITION LEGEND DESCRIPTION SYMBOL ITEM TO BE REMOVED ITEM TO REMAIN CAP UTILITY, SEE SITE DEMOLITION NOTE 4 REMOVE EXISTING **ASPHALT PAVEMENT** REMOVE EXISTING CONCRETE PAVEMENT SALVAGE EXISTING PAVERS AND REMOVE EXISTING BASE. SEE SITE DEMOLITION NOTE 24 REMOVE EXISTING PAVEMENT AND CURBS

SEE GENERAL NOTE 13

ABBREVIATIONS AND EAST, ELECTRICAL POTABLE EΑ EACH POINT OF CURVATURE **DEFLECTION ANGLE EXPANSION JOINT** PCC POINT OF COMPOUND CURVATURE DEGREE ELEVATION PED PEDESTRIAN DIAMETER ELEC ELECTRICAL PERF PERFORATED NUMBER **EMBED** EMBED (-DED, -MENT) PERP PERPENDICULAR **ENGR ENGINEER** POINT OF INTERSECTION AASHTO AMERICAN ASSOCIATION EQ **EQUAL** PIVPOST INDICATOR VALVE OF STATE HIGHWAY AND **EQUIP EQUIPMENT** PROPERTY LINE TRANSPORTATION OFFICIALS EACH SIDE PLC PLACE ABANDON (-ED) **ESMT EASEMENT** POC POINT OF CONNECTION ASBESTOS CEMENT, EW **EACH WAY** PPM PARTS PER MILLION ASPHALT CONCRETE **EXIST EXISTING** POINT OF REVERSE CURVATURE PSF AMERICAN CONCRETE INSTITUTE EXP **EXPANSION** POUNDS PER SQUARE FOOT AREA DRAIN **EXTERIOR** POUNDS PER SQUARE INCH ADDL ADDITIONAL POINT OF TANGENCY **ADJACENT** POLYVINYL CHLORIDE FCS ADJUST (-ED, -MENT, -ABLE) FLOW CONTROL STRUCTURE PVI POINT OF VERTICAL INTERSECTION AGGREGATE FD FLOOR DRAIN, FOUNDATION **PVMT** PAVEMENT ALTERNATE, ALTERNATIVE FDC FIRE DEPARTMENT CONNECTION AMERICAN NATIONAL STANDARDS RADIUS, RECYCLED **INSTITUTE** FDN FOUNDATION RC REINFORCED CONCRETE **APPROVED** FDRN FRENCH DRAIN **RCMD** RECOMMEND (-ED) APPROX APPROXIMATE (-LY) FIRE HYDRANT RD **ROOF DRAIN** AMERICAN PUBLIC WORKS FIN FINISH (-ED) RCB REINFORCED CONCRETE BOX ASSOCIATION FEMALE IRON PIPE THREAD RCP REINFORCED CONCRETE PIPE RED ARCHITECT (-URAL) FLANGE, FLOOR, FLOWLINE REDUCER ASPH **ASPHALT** FORCE MAIN REF REFER (-ENCE) ASSY **ASSEMBLY** FLOW SPLITTER REINF REINFORCE (-D, -MENT), ASTM AMERICAN SOCIETY FOR TESTING FOOT, FEET REINFORCING AND MATERIALS FTG FOOTING REQD REQUIRED ATB ASPHALT TREATED BASE RET RETAINING AWWA AMERICAN WATER WORKS GAS, GUTTER REV REVISION **ASSOCIATION** GΑ GAGE, GAUGE RIM**RIM ELEVATION** GALLON RESTRAINED JOINT BUILDING GALVANIZE (-D) ROW RIGHT-OF-WAY BLK **BLOCKING** GB **GRADE BREAK** RADIAL POINT **RPBA** BLRD BOLLARD GEN GENERAL REDUCED-PRESSURE PRINCIPAL BEAM, BENCH MARK GPM **GALLONS PER MINUTE BACKFLOW ASSEMBLY** BOTTOM GATE VALVE BOW **BOTTOM OF WALL** RETAINING WALL BOP **BOTTOM OF PIPE HORIZONTAL** BRG **BEARING** HIGH DENSITY POLYETHYLENE SLOPE, SOUTH BSMT **BASEMENT** HYDRODYNAMIC SEPARATOR SAWS SAN ANTONIO WATER SYSTEM BTWN BETWEEN HGL HYDRAULIC GRADE LINE SCHED SCHEDULE HANDHOLD SCI SINGLE CURB INLET C&G **CURB AND GUTTER HORIZONTAL** STORM DRAIN CANT CANTILEVER HIGH POINT SDFM STORM DRAIN FORCE MAIN CART CARTRIDGE (-S) HEIGHT SDMH STORM DRAIN MANHOLE CATCH BASIN HORIZONTAL THRUST BLOCK CONDENSATE COLLECTION HYDRANT SECT SECTION CONTROLLED DENSITY FILL CDF SED SEDIMENTATION CURB FACE INSIDE DIAMETER SQUARE FEET CFS CUBIC FEET PER SECOND INVERT ELEVATION SHEET CAST IRON INCLUDE (-D). INCLUDING SIM SIMILAR CIP CAST-IN-PLACE INFORMATION SLD SLOT DRAIN SOG CENTERLINE INTERIOR, INTERSECTION SLAB ON GRADE SPC CLR CLEAR (-ANCE) INVERT SPACE CMP SPEC CORRUGATED METAL PIPE IRRIGATION SPECIFICATION CNR CORNER SANITARY SEWER CO CLEAN OUT **JOINT** SSMH SANITARY SEWER MANHOLE COL COLUMN STA STATION LANDSCAPE ARCHITECT (-URAL) COMB COMBINATION STD STANDARD COMMUNICATION LATERAL STL STEEL CONC CONCRETE LB POUND STRUC STRUCTURAL, STRUCTURE COND CONDUIT, CONDITION LINEAL FEET SW SOUTHWEST CONN CONNECT (-ION) LOC LOCATE (-D), LOCATION SYM SYMMETRICAL CONST CONSTRUCTION LP LOW POINT CONT CONTINUATION, CONTINUE, LEFT THRUST BLOCK CONTINUOUS TOP OF CURB CONTR CONTRACTOR MATERIAL TCEQ TEXAS COMMISSION ON COORD COORDINATE, COORDINATION MAXIMUM **ENVIRONMENTAL QUALITY** CORPORATION **MECHANICAL** TRENCH DRAIN COSA CITY OF SAN ANTONIO MANUFACTURE (-R, -D) TOP ELEVATION CONTROL POINT **MANHOLE** TDH TOTAL DYNAMIC HEAD CPSE CPS ENERGY MONUMENT IN CASE **TEMP** TEMPORARY CSBC CRUSHED SURFACING BASE COARSE MINIMUM TEMPORARY EROSION AND CSTC CRUSHED SURFACING TOP COARSE MALE IRON PIPE THREAD SEDIMENTATION CONTROL CTB TOC CEMENT TREATED BASE **MISCELLANEOUS** TOP OF CONCRETE CTR CENTER MECHANICAL JOINT TOF TOP OF FOOTING CU CUBIC MATCHLINE TOW TOP OF WALL CULV CULVERT MONUMENT **TXDOT** TEXAS DEPARTMENT OF CV CHECK VALVE MECHANICALLY STABILIZED EARTH TRANSPORTATION MUTCD MANUAL ON UNIFORM TRAFFIC TYP TYPICAL DEG DEGREE CONTROL DEVICES DEMO DEMOLISH, DEMOLITION UD UNDER DRAIN DEPT DEPARTMENT NORTH, NUISANCE UNO UNLESS NOTED OTHERWISE DET DETAIL NORTHEAST UTIL UTILITY DETN DETENTION NOT IN CONTRACT UV ULTRAVIOLET DRINKING FOUNTAIN **NOMINAL** DUCTILE IRON NOT TO SCALE VERTICAL DIA DIAMETER **NORTHWEST** VAC VACUUM DIAG DIAGONAL VERTICAL BEND DICA DRILLED-IN CONCRETE ANCHOR ON CENTER VERTICAL CURVE VERTICAL DRAINAGE MATERIAL DIMENSION **OUTSIDE DIAMETER** VDM **VERT** DIRECTION OFD OVERFLOW DRAIN VERTICAL DOWNSPOUT OPNG OPENING VIF VERIFY IN FIELD DRAWING OPPOSITE (HAND) VOL VOLUME DWL DOWEL OPT OPTION (-AL) VERTICAL POINT OF CURVATURE ORIG ORIGINAL **OUTSIDE STEM AND YOKE** OS&Y WATER, WEST OIL/WATER SEPARATOR **WORK POINT** WPJ WEAKENED PLANE JOINT WATER SUFRACE WEIGHT WELDED WIRE FABRIC YARD HYDRANT

GENERAL NOTES

I. EXISTING CONDITIONS SHOWN IS BASED ON THE FOLLOWING INFORMATION.

WATER PLANS

ACTIVITIES.

- "HEMISFAIR PARK UTILITIES EXHIBIT" BY MAESTAS, DATED 11/20/18.
 "TOPOGRAPHIC SURVEY" BY CIVIL ENGINEERING CONSULTANT, DAN DURDEN, INC., DATED
- 11/02/18.
- RECORD DOCUMENT INFORMATION FROM PREVIOUS CONVENTION CENTER AND ROADWAY PROJECTS.
- "HEMISFAIR CIVIC PARK BID PACKAGE 2: PARK BUILDOUT" CONSTRUCTION DOCUMENTS AND
- REVISIONS THROUGH ASI 10.
- ADJACENT ROADWAY AND UTILITY PROJECTS AT THE BID SET DESIGN SUBMITTAL PHASE AND INCLUDE THE FOLLOWING:
- CITY OF SAN ANTONIO, DEPARTMENT OF CAPITAL IMPROVEMENTS MANAGEMENT SERVICES, HEMISFAIR COMPLETE STREETS IMPROVEMENTS (S. ALAMO ST)

SAN ANTONIO WATER SYSTEM, HEMISFAIR PARK WATER RELOCATION, WATER PLANS

- SAN ANTONIO WATER SYSTEM, HEMISFAIR PARK SANITARY SEWER RELOCATION, SANITARY SEWER PLANS
 SAN ANTONIO WATER SYSTEM, HEMISFAIR PARK CHILLED WATER RELOCATION, CHILLED
- 2. THERE MAY BE SURFACE FEATURES AND UNDERGROUND UTILITIES THAT ARE NOT DOCUMENTED AS AN EXISTING CONDITION. EXISTING CONDITION INFORMATION FROM RECORD DOCUMENTS HAS NOT BEEN FIELD VERIFIED. THE CONTRACTOR SHALL VERIFY THE EXISTING CONDITIONS AND NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION
- HORIZONTAL DATUM IS TEXAS STATE PLANE COORDINATES SYSTEM, SOUTH CENTRAL ZONE (NAD83)
 GRID COORDINATE SYSTEM. REFER TO THE TOPOGRAPHIC SURVEY FOR ADDITIONAL INFORMATION.
- 4. VERTICAL DATUM IS NAVD88. REFER TO TOPOGRAPHIC SURVEY FOR ADDITIONAL INFORMATION.
- 5. THE CONTRACTOR SHALL COMPLY WITH THE RECOMMENDATIONS IN THE PROJECT'S GEOTECHNICAL ENGINEERING STUDY PREPARED BY RABA KISTNER TITLED "GEOTECHNICAL ENGINEERING STUDY FOR HEMISFAIR CIVIC PARK" AND DATED MAY 24, 2017.
- ALL CIVIL WORK SHALL COMPLY WITH THE CITY OF SAN ANTONIO STANDARD SPECIFICATIONS FOR CONSTRUCTION AND STANDARD DETAILS FOR CONSTRUCTION (JUNE 2008) AND THE SAN ANTONIO WATER SYSTEM CONSTRUCTION SPECIFICATIONS (2019).
- 7. THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL DURING CONSTRUCTION.
- 8. THE LIMITS OF WORK INDICATED ON THE CIVIL DRAWINGS APPLY TO THE CIVIL SITE WORK AND CIVIL UTILITY WORK. WORK OUTSIDE THE LIMITS OF WORK MAY BE REQUIRED BY OTHER DISCIPLINES OR TRADES. UNLESS NOTED OTHERWISE, NO CIVIL-RELATED WORK SHALL BE CARRIED OUT OUTSIDE THE LIMITS OF WORK WITHOUT PRIOR APPROVAL FROM THE OWNER'S REPRESENTATIVE. ANY WORK ABUTTING THE LIMITS OF WORK SHALL BE CARRIED OUT ON THE PROJECT SIDE OF THE LIMITS OF WORK.
- 9. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF NEW WORK WITH THE REMOVAL OF UTILITY AND SITE DEMOLITION ITEMS. UNLESS NOTED OTHERWISE, ITEMS NOTED TO BE REMOVED ON THE SITE DEMOLITION DRAWINGS ARE ASSUMED TO BE REMOVED PRIOR TO THE INSTALLATION OF ANY NEW WORK.
- 10. ITEMS IDENTIFIED AS "VERIFY IN FIELD" HAVE NOT BEEN FIELD LOCATED BY SURVEY AND DO NOT HAVE RELIABLE AS-BUILT OR RECORD DOCUMENT INFORMATION. CONTRACTOR SHALL PROVIDE INFORMATION FOR ALL ITEMS MARKED AS "VERIFY IN FIELD" PRIOR TO STARTING ANY WORK ASSOCIATED WITH THE ITEM.
- 11. THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER, TEXAS811 (811, 1-800-545-6005 OR WWW.TEXAS811.ORG) 48 HOURS PRIOR TO EXCAVATING. IN ADDITION THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE SERVICES OF A PROFESSIONAL UNDERGROUND UTILITY LOCATION SERVICE FOR UTILITIES THAT ARE NOT LOCATED BY TEXAS811 THE CONTRACTOR SHALL MAINTAIN MARKINGS THAT INDICATE UNDERGROUND UTILITIES IN THE CONSTRUCTION AREA.
- 12. THE HISTORICALLY SIGNICANT ACEQUIA MADRE DE VALERO IS LOCATED WITHIN THE PROJECT LIMITS SEE SHEET 1G2.201 FOR NOTES REGARDING THE MEASURES REQUIRED TO PROTECT THIS FEATURE.
- 13. ACCURATE EXISTING CONDITIONS INFORMATION IN SOUTH ALAMO STREET IS NOT AVAILABLE AND EXISTING CURBS, MEDIANS, PAVEMENTS, SIDEWALKS, STREET LIGHTING, BOLLARDS, AND UTILITIES MAY NOT BE DEPICTED. CONTRACTOR SHALL VERIFY AND DOCUMENT EXISTING CONDITIONS OF CURBS, MEDIANS, PAVEMENTS, SIDEWALKS, STREET LIGHTING, BOLLARDS, AND UNDERGROUND UTILITIES IN SOUTH ALAMO STREET PRIOR TO ANY DEMOLITION AND RESTORE ALL PAVEMENTS, CURBS, SIDEWALKS, AND MEDIANS ACCORDING TO CITY OF SAN ANTONIO PUBLIC WORKS ROADWAY STANDARDS, MISCELLANEOUS CONSTRUCTION STANDARDS. NOTIFY THE OWNER OF ANY DISCREPANCIES AND CONFLICTS BETWEEN EXISTING CONDITIONS AND PROPOSED SITE AND UTILITY IMPROVEMENTS PRIOR TO BEGINNING ANY WORK.

	DRAWING LIST
SHEET NO	SHEET TITLE
2C0.001	NOTES, LEGEND, ABBREVIATIONS AND DRAWING LIST
2C0.002	NOTES
2C0.003	STORMWATER POLLUTION PREVENTION PLAN NARRATIVE AND GENERAL NOTES
2C0.004	STORMWATER POLLUTION PREVENTION PLAN NARRATIVE AND GENERAL NOTES
2C0.005	STORMWATER POLLUTION PREVENTION PLAN NARRATIVE AND GENERAL NOTES
2C0.100	KEY PLAN
2C0.201	EXISTING PIERS AND WALLS - AREA 1
2C0.202	EXISTING PIERS AND WALLS - AREA 2
2C0.203	EXISTING PIERS AND WALLS - AREA 3
2C0.211	SCHEDULE OF ASSUMED PIER AND WALL ELEVATIONS
2C1.101	TEMPORARY EROSION AND SEDIMENTATION CONTROL PLAN - AREA 1
2C1.102	TEMPORARY EROSION AND SEDIMENTATION CONTROL PLAN - AREA 2
2C1.103	TEMPORARY EROSION AND SEDIMENTATION CONTROL PLAN - AREA 3
2C2.100	SITE DEMOLITION FLAG NOTES
	SITE DEMOLITION PLAN - AREA 1
2C2.102	SITE DEMOLITION PLAN - AREA 2
2C2.103	SITE DEMOLITION PLAN - AREA 3
2C3.101	SITE PAVING PLAN - AREA 1
2C3.102	SITE PAVING PLAN - AREA 2
2C3.103	SITE PAVING PLAN - AREA 3
004.404	OTODIA DDAINA OF DLAN. ADEA 4
2C4.101	STORM DRAINAGE PLAN - AREA 1
2C4.102	STORM DRAINAGE PLAN - AREA 2
2C4.103	STORM DRAINAGE PLAN - AREA 3
2C5.101	SITE SUBDRAINAGE PLAN - AREA 1
2C5.101	SITE SUBDRAINAGE PLAN - AREA 2
2C5.102	SITE SUBDRAINAGE PLAN - AREA 3
203.103	SITE SUBDITATINAGE FEAR - AREA 3
2C6.101	UTILITY PLAN - AREA 1
2C6.101	UTILITY PLAN - AREA 2
2C6.103	UTILITY PLAN - AREA 3
2C7.101	SECTIONS AND DETAILS
2C7.102	SECTIONS AND DETAILS
2C7.103	SECTIONS AND DETAILS
2C7.104	SECTIONS AND DETAILS
2C7.105	SECTIONS AND DETAILS
201.100	OLO HORO JETALO

HEMISFAIR
CIVIC PARK
BID PACKAGE 3: PARK BUILDOUT



CITY OF SAN ANTONIO
PUBLIC WORKS DEPARTMENT
P.O. BOX 839966
SAN ANTONIO TX 78283-3966
PH. 210-207-6924



CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

100% CONSTRUCTION
DRAWINGS

PHASE 2

PRIME CONSULTANT / LANDSCAPE ARCHITECT GUSTAFSON GUTHRIE NICHOL PH. 206-903-6802 CIVIL ENGINEER

PH. 206-292-1200

STRUCTURAL ENGINEER
INTELLIGENT ENGINEERING SERVICES

MAGNUSSON KLEMENCIC ASSOCIATES

MECHANICAL-ELECTRICAL-PLUMBING ENGINEER
CNG ENGINEERING

PH. 210-224-8841

FOUNTAIN
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RIALTO STUDIO

LIGHTING

PH. 210-828-1155

SOILS & IRRIGATION DESIGN
JEFFREY BRUCE & COMPANY

PH. 816-842-8999

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REVISIONS:	

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NO.	DATE	DESCRIPTION
01	23-07-28	100% CD SET

DRAWN BY CHECKED BY

GGN PROJECT #
11/09/2022 1410

NOTES, LEGEND,

ABBREVIATIONS AND DRAWING LIST

2C0.001



BID PACKAGE 3: PARK BUILDOUT



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HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

PUBLIC WORKS DEPT. PROJECT # 23-01670 100% CONSTRUCTION **DRAWINGS**

PHASE 2

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LIGHTING TILLETT LIGHTING PH. 212-766-0144

LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155

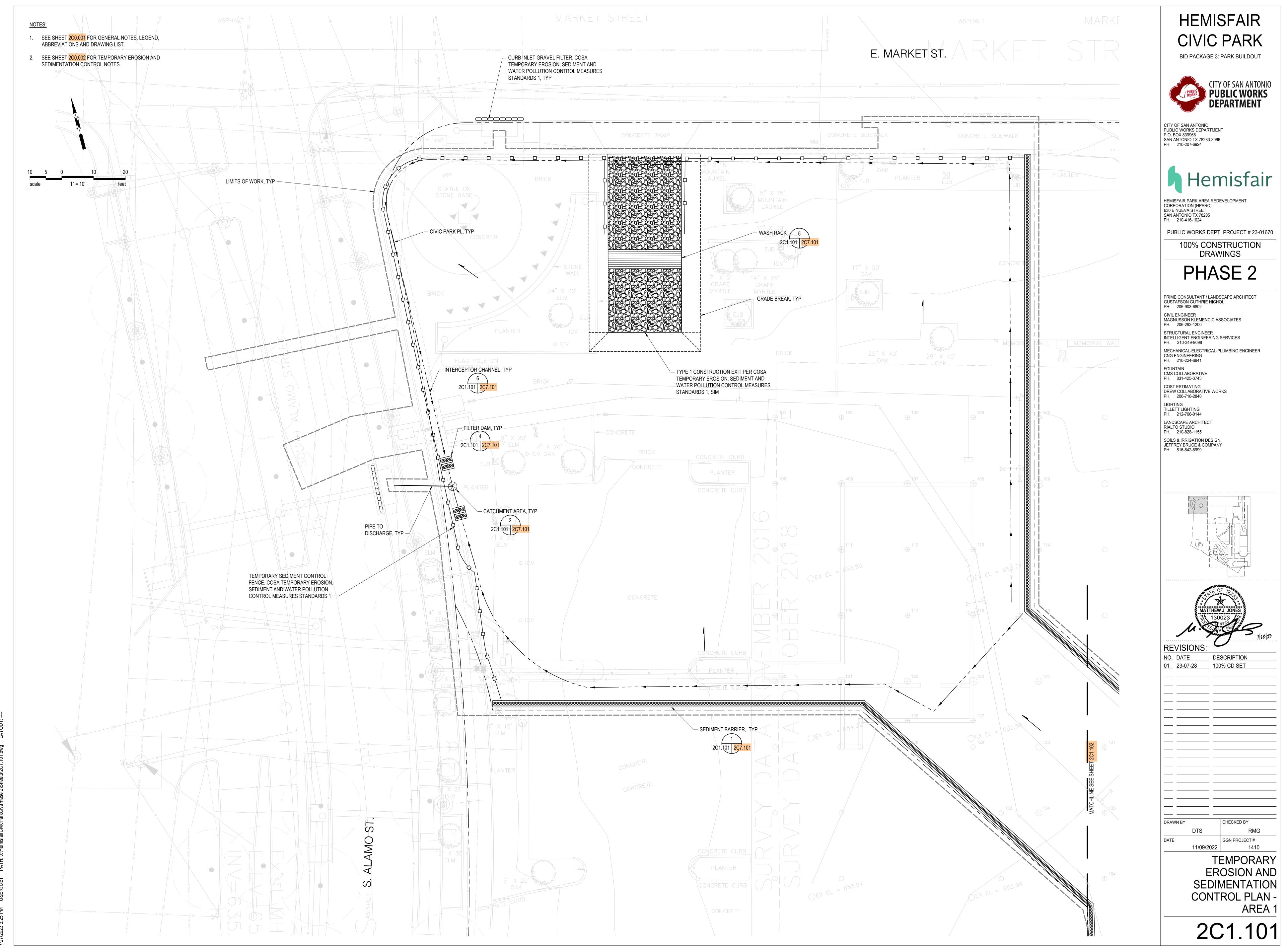
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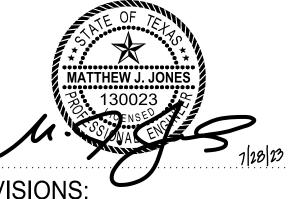


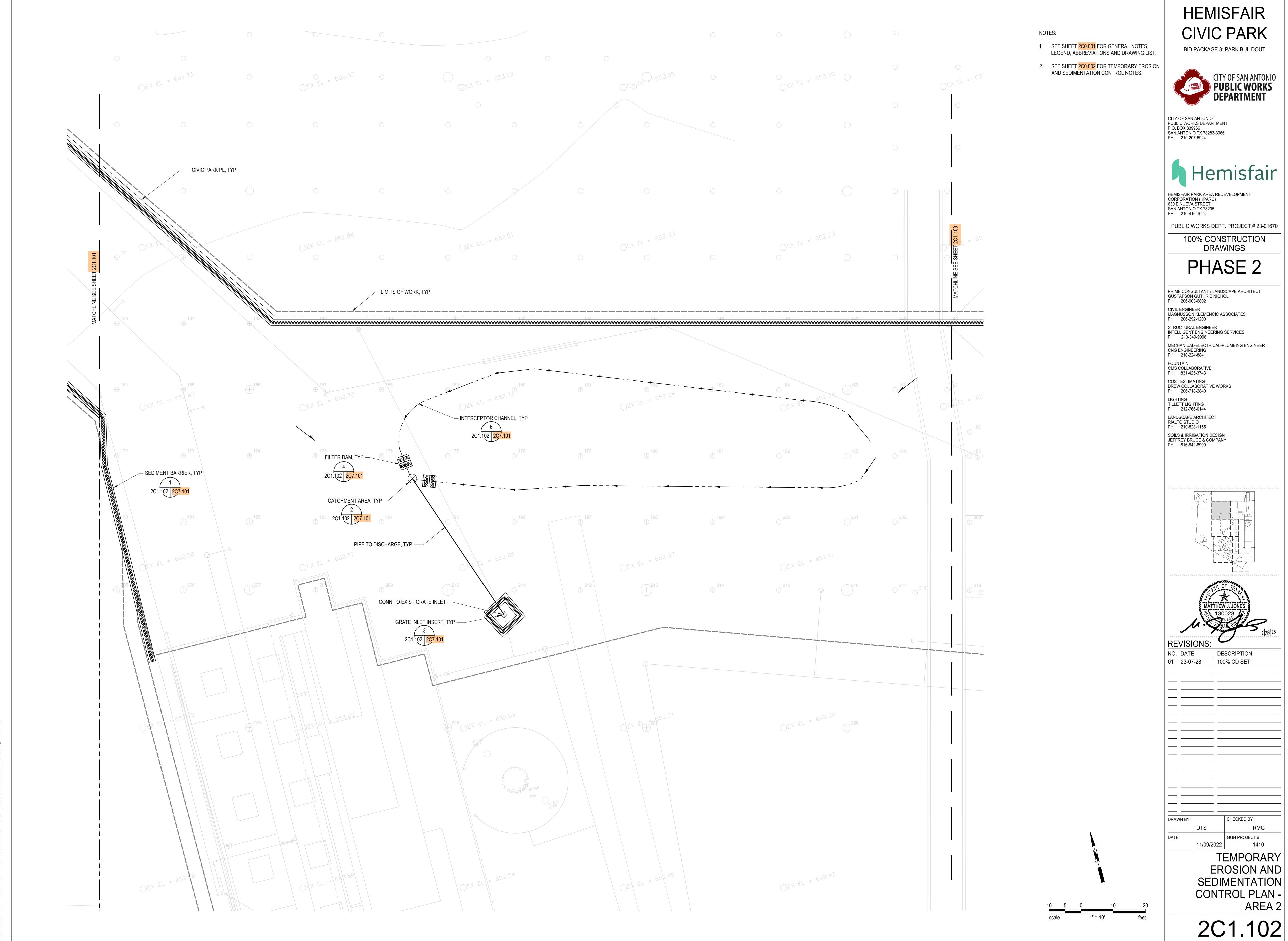
DESCRIPTION <u>01</u> <u>23-07-28</u> <u>100% CD SET</u>

KEY PLAN

2C0.100

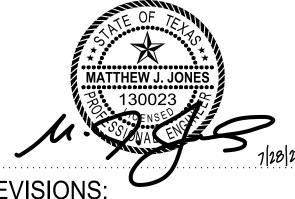












TEMPORARY EROSION AND SEDIMENTATION CONTROL PLAN -

UTILITIES TO BE REMOVED OR RELOCATED

FLAG	DESCRIPTION
(U1)	REMOVE EXISTING STORM DRAIN PIPING, INLETS, MANHOLES, AND CLEANOUTS
(U2)	NOT USED
(U3)	REMOVE EXISTING WATER PIPING, VALVES, VALVE BOXES, AND WATER METERS
(U4)	REMOVE EXISTING ELECTRICAL/POWER CONDUIT, DUCTBANKS, MANHOLE, VAULTS, PULL BOXES, AND JUNCTION BOXES
(U5)	NOT USED
(U6)	REMOVE EXISTING IRRIGATION PIPING, CONTROL VALVES, SPRINKLER HEADS

UTILITIES TO REMAIN

FLAG	DESCRIPTION
U1	EXISTING STORM DRAIN PIPING, INLETS, MANHOLES, TRENCH DRAINS, AND CLEANOUTS TO REMAIN
U2	EXISTING SANITARY SEWER PIPING, MANHOLES, AND CLEANOUTS TO REMAIN
U3	EXISTING WATER PIPING, VALVES, VALVE BOXES, FIRE HYDRANTS AND WATER METERS TO REMAIN
U4	EXISTING ELECRICAL/POWER CONDUIT, DUCTBANKS, MANHOLE, VAULTS, PULL BOXES, AND JUNCTION BOXES TO REMAIN
U5	EXISTING NATURAL GAS PIPING, VALVES, AND METERS TO REMAIN
U6	NOT USED
U7	EXISTING TELEPHONE AND COMMUNICATION CONDUIT, HANDHOLES, VAULTS, PULLBOXES, AND MANHOLES TO REMAIN
<u>U8</u>	NOT USED
U 9	NOT USED
<u>U10</u>	NOT USED
U11	NOT USED
<u>U12</u>	NOT USED

SITE ELEMENTS TO BE REMOVED, RELOCATED OR SALVAGED

	RELOCATED OR SALVAGED
FLAG	DESCRIPTION
(S1)	SALVAGE EXISTING LIGHT POLE AND FIXTURE, SEE SITE DEMOLITIC NOTE 25. REMOVE EXISTING AND FOUNDATION
S2	REMOVE EXISTING SIGN, POST AND FOUNDATION
S3	NOT USED
S4	REMOVE EXISTING WALL AND FOUNDATION
\(\sum_{55}\)	NOT USED
\(\sc{S6} \)	REMOVE EXISTING FLAG POLE AND FOUNDATION
S7	REMOVE EXISTING CONCRETE CURB
\(\ss\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	REMOVE EXISTING HANDRAIL/GUARDRAIL
S9	NOT USED
(S10)	REMOVE EXISTING IN-GROUND LIGHTS
(S11)	NOT USED
\S12	REMOVE EXISTING RIBBON CURB
S13	NOT USED
S14	NOT USED
<u> </u>	

SITE ELEMENTS TO REMAIN

FLAG	DESCRIPTION
\$1	EXISTING LIGHT FIXTURE AND POLE TO REMAIN
S2>	NOT USED
S 3	NOT USED
\$4	NOT USED
S5	EXISTING RIBBON CURB TO REMAIN
\$6	EXISTING RETAINING WALL TO REMAIN
\$7 >	EXISTING STRUCTURE TO REMAIN
\$8	EXISTING GUARDPOST/BOLLARD TO REMAIN
\$9	EXISTING ACEQUIA AND STEEL PLATE PROTECTION TO REMAIN
\$10	EXISTING CONCRETE CURB TO REMAIN
\$11	EXISTING WALL COUNTERFORT TO REMAIN
\$12	NOT USED
\$13	NOT USED
S14	NOT USED
S15	NOT USED

HEMISFAIR
CIVIC PARK
BID PACKAGE 3: PARK BUILDOUT

CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT

CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT P.O. BOX 839966 SAN ANTONIO TX 78283-3966 PH. 210-207-6924



HEMISFAIR PARK AREA REDEVELOPMENT
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PUBLIC WORKS DEPT. PROJECT # 23-01670

100% CONSTRUCTION DRAWINGS

PHASE 2

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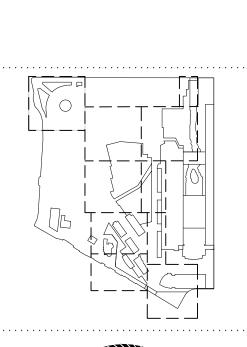
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SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999



MATTHEW J. JONES

130023

SEVISIONS:

D. DATE

DESCRIPTION

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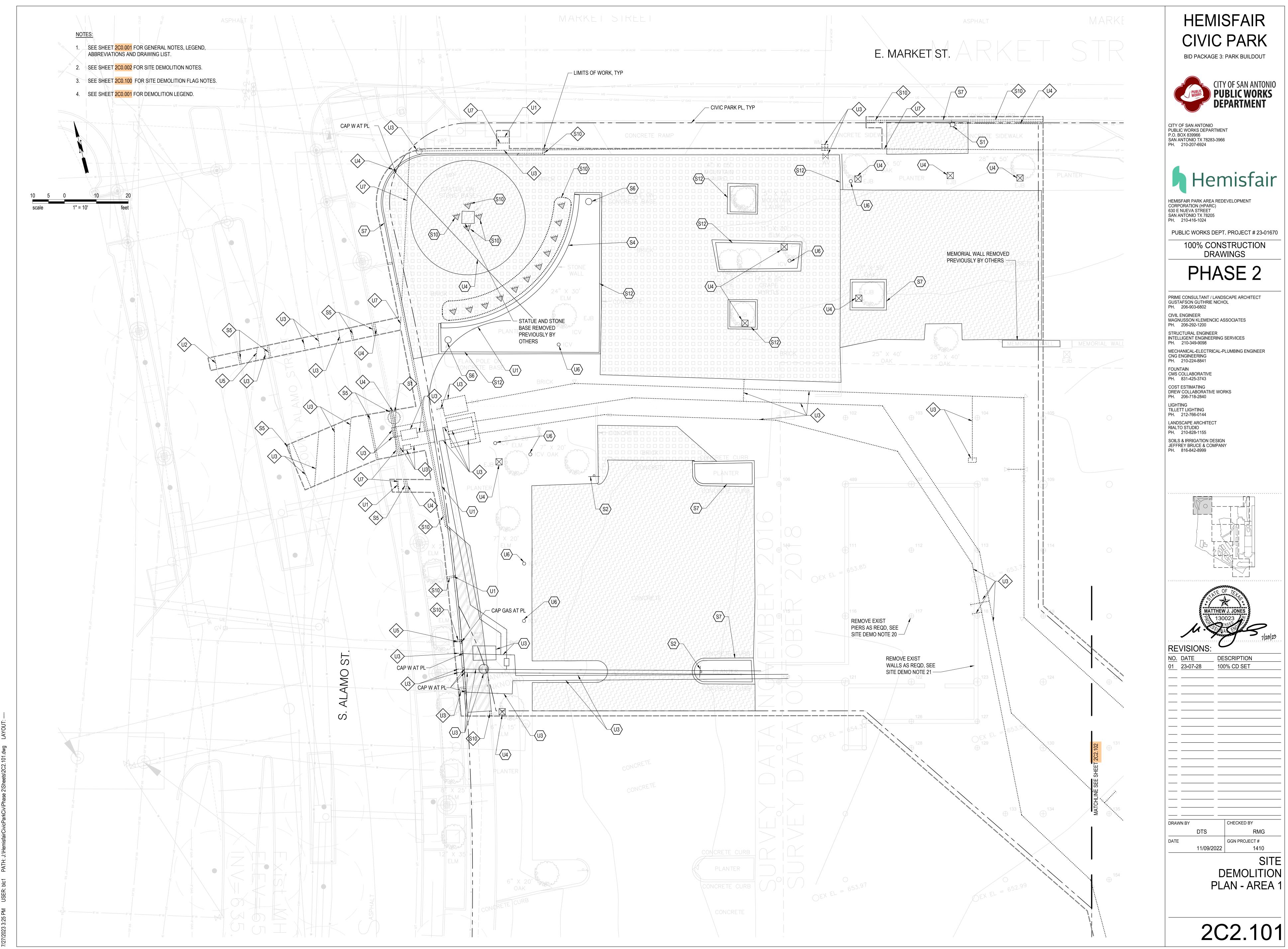
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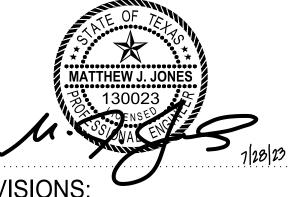
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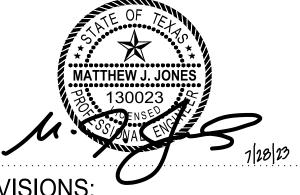
11/09/2022 1410













BID PACKAGE 3: PARK BUILDOUT



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SAN ANTONIO TX 78283-3966
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HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

PUBLIC WORKS DEPT. PROJECT # 23-01670 100% CONSTRUCTION **DRAWINGS**

PHASE 2

PRIME CONSULTANT / LANDSCAPE ARCHITECT GUSTAFSON GUTHRIE NICHOL PH. 206-903-6802

CIVIL ENGINEER MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200

STRUCTURAL ENGINEER INTELLIGENT ENGINEERING SERVICES PH. 210-349-9098 MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841

FOUNTAIN CMS COLLABORATIVE

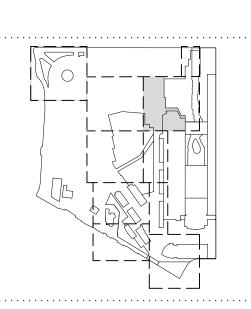
PH. 831-425-3743

COST ESTIMATING
DREW COLLABORATIVE WORKS LIGHTING TILLETT LIGHTING

PH. 212-766-0144

LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155

SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999



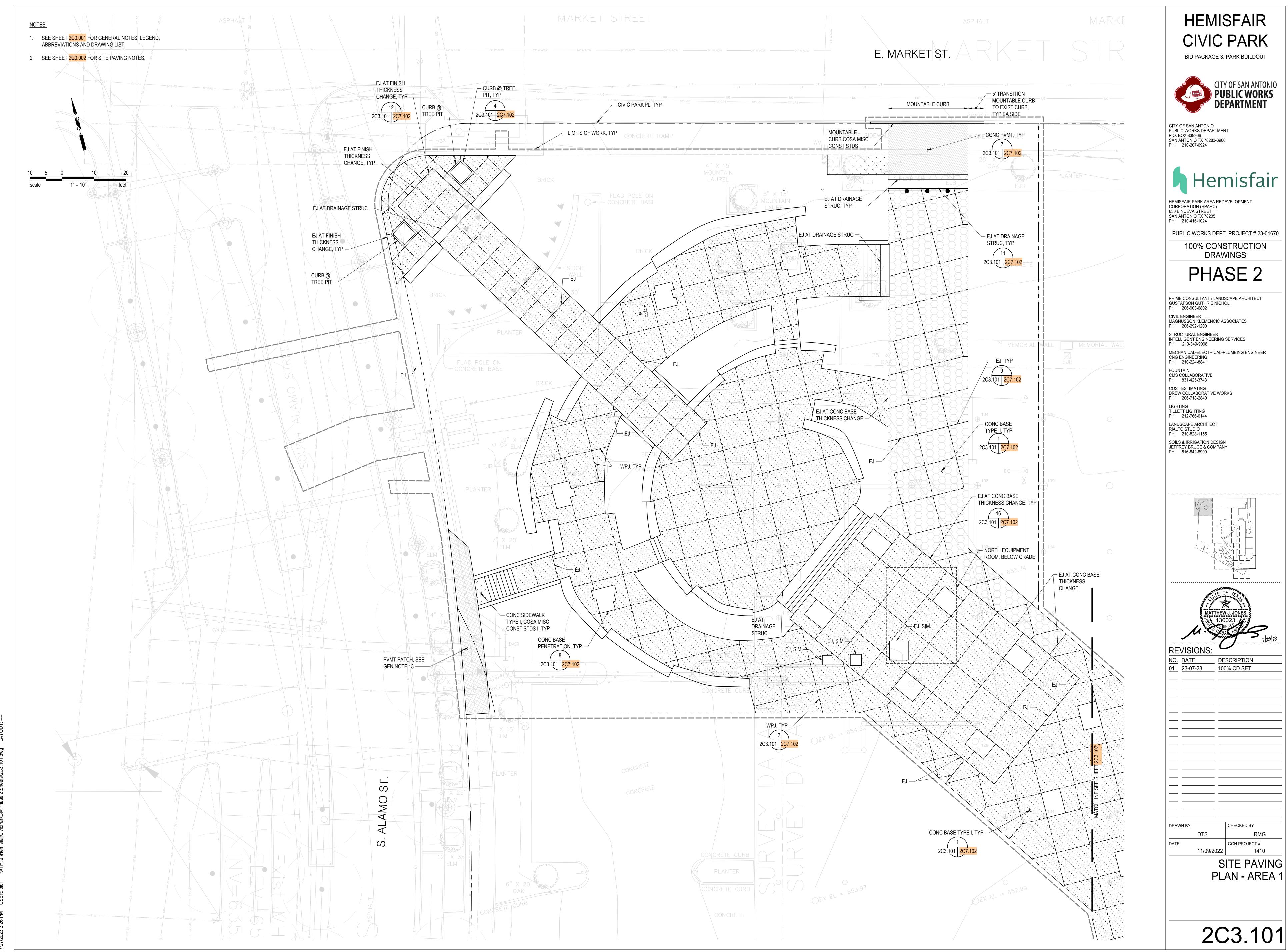


DESCRIPTION <u>01</u> <u>23-07-28</u> <u>100% CD SET</u>

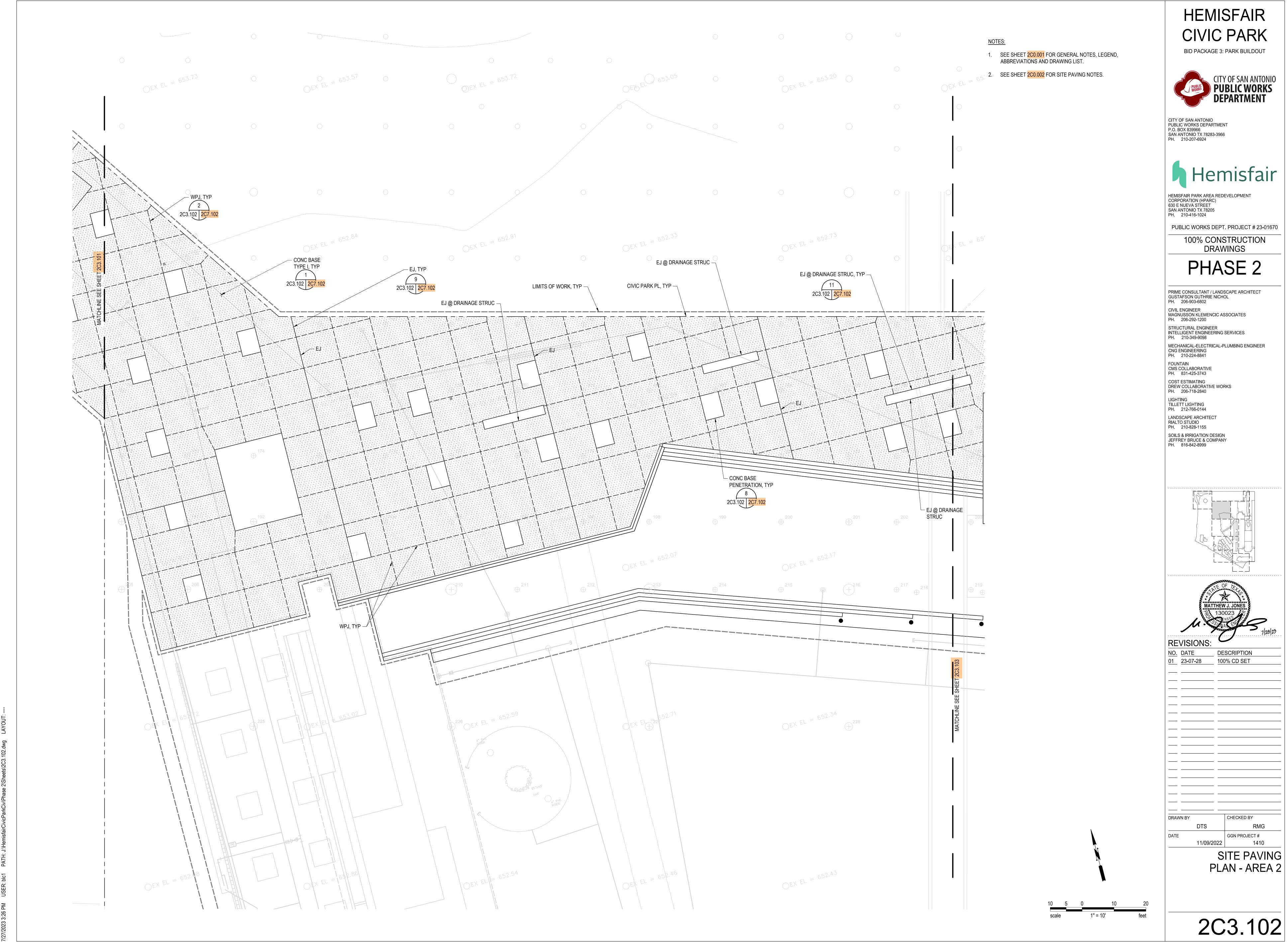
11/09/2022

SITE DEMOLITION PLAN - AREA 3

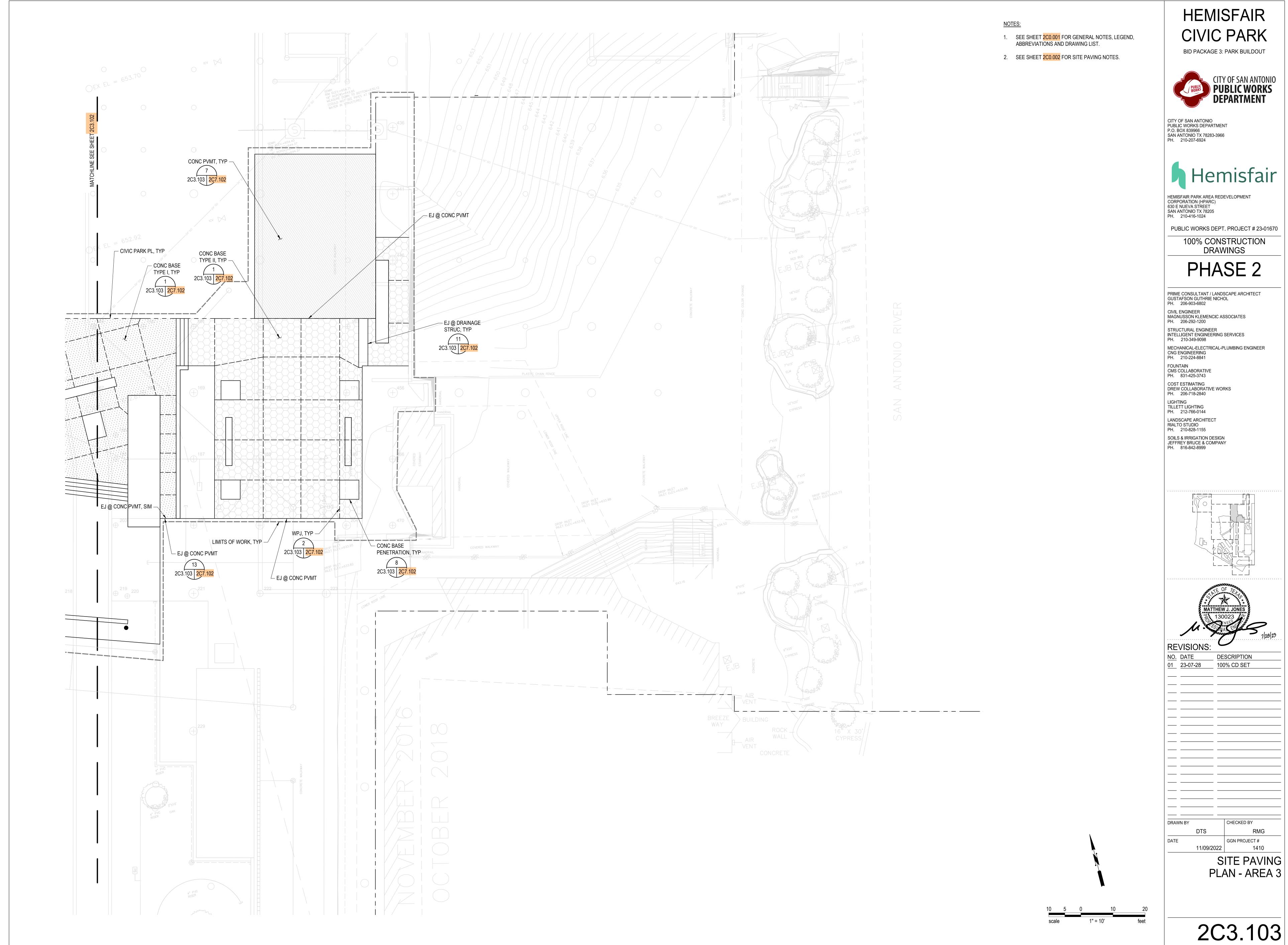
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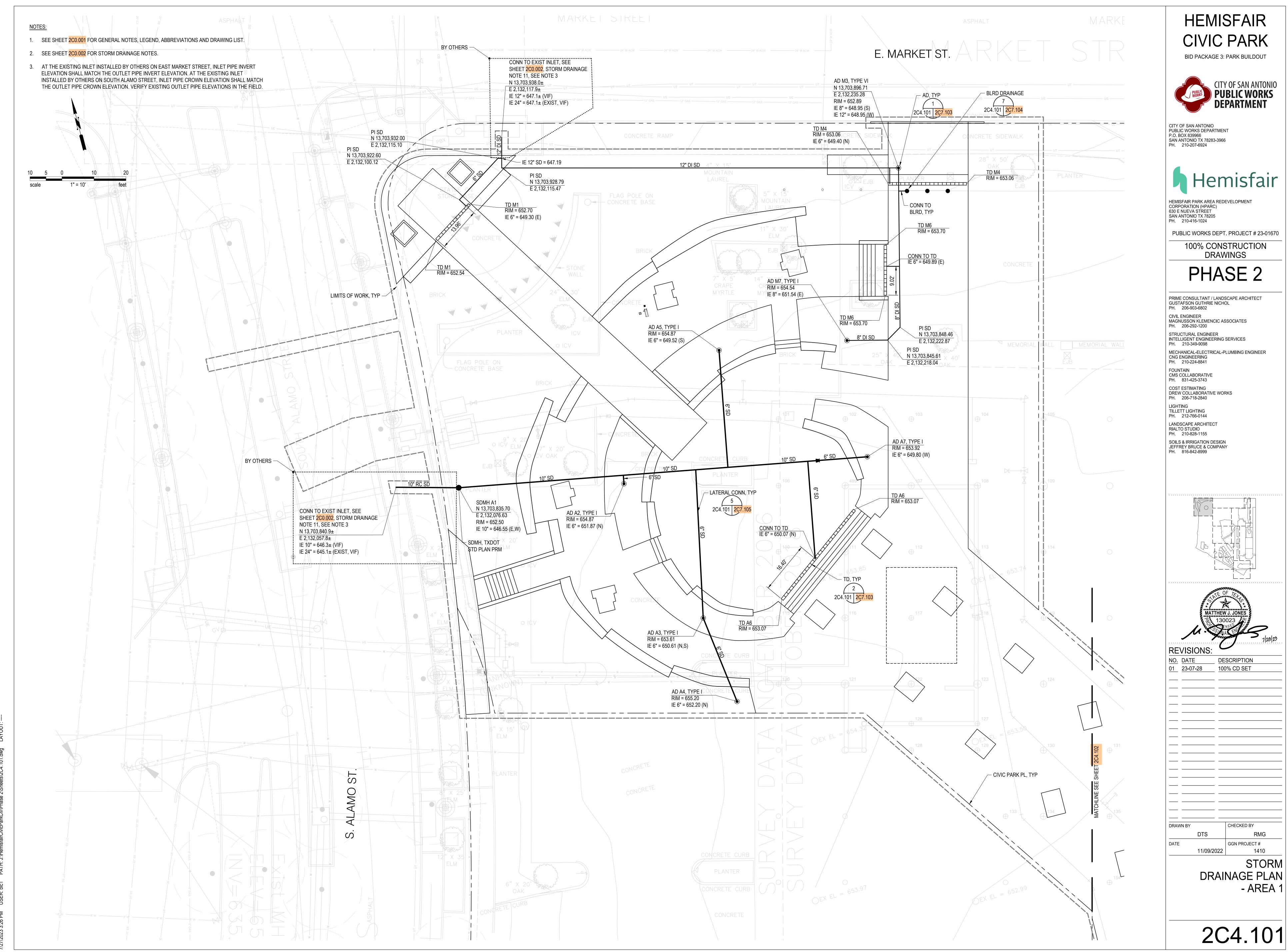




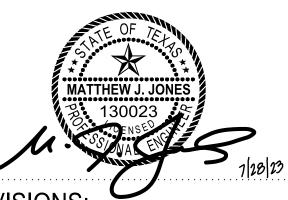
100% CONSTRUCTION

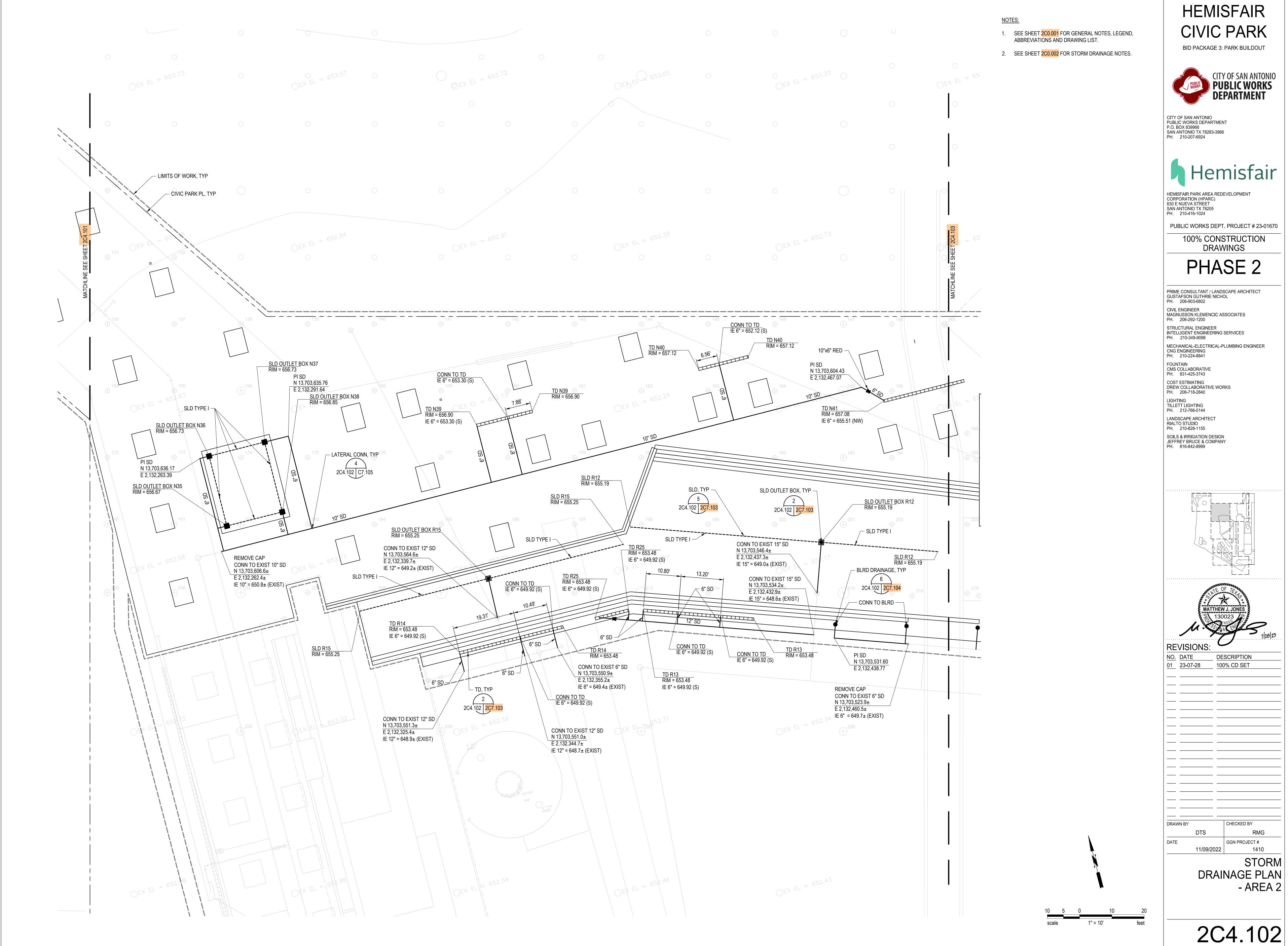


SITE PAVING PLAN - AREA 3

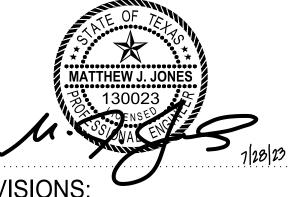




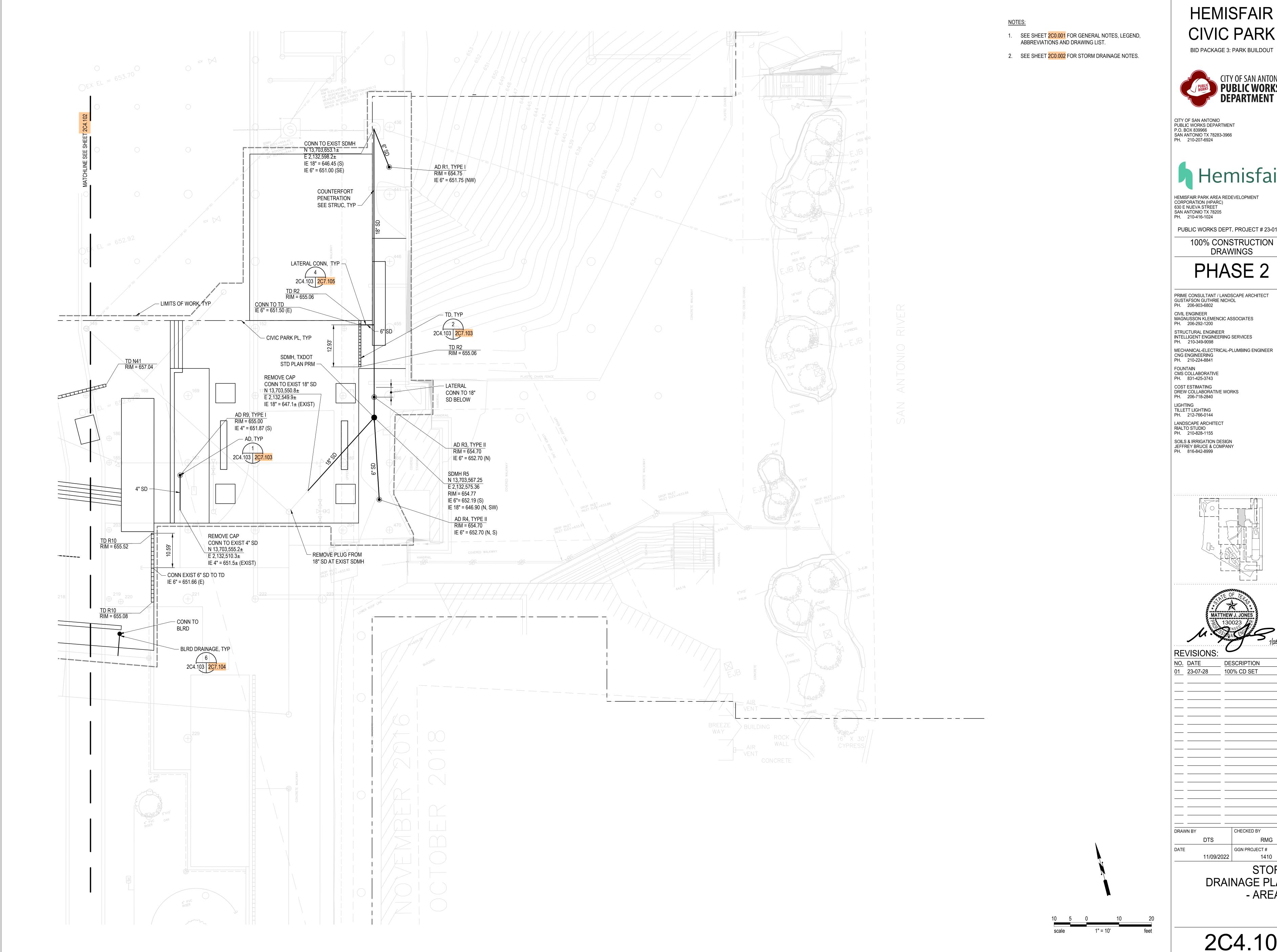








DRAINAGE PLAN - AREA 2

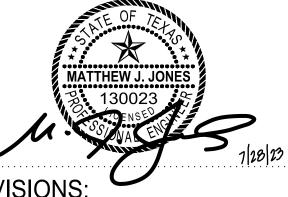


BID PACKAGE 3: PARK BUILDOUT





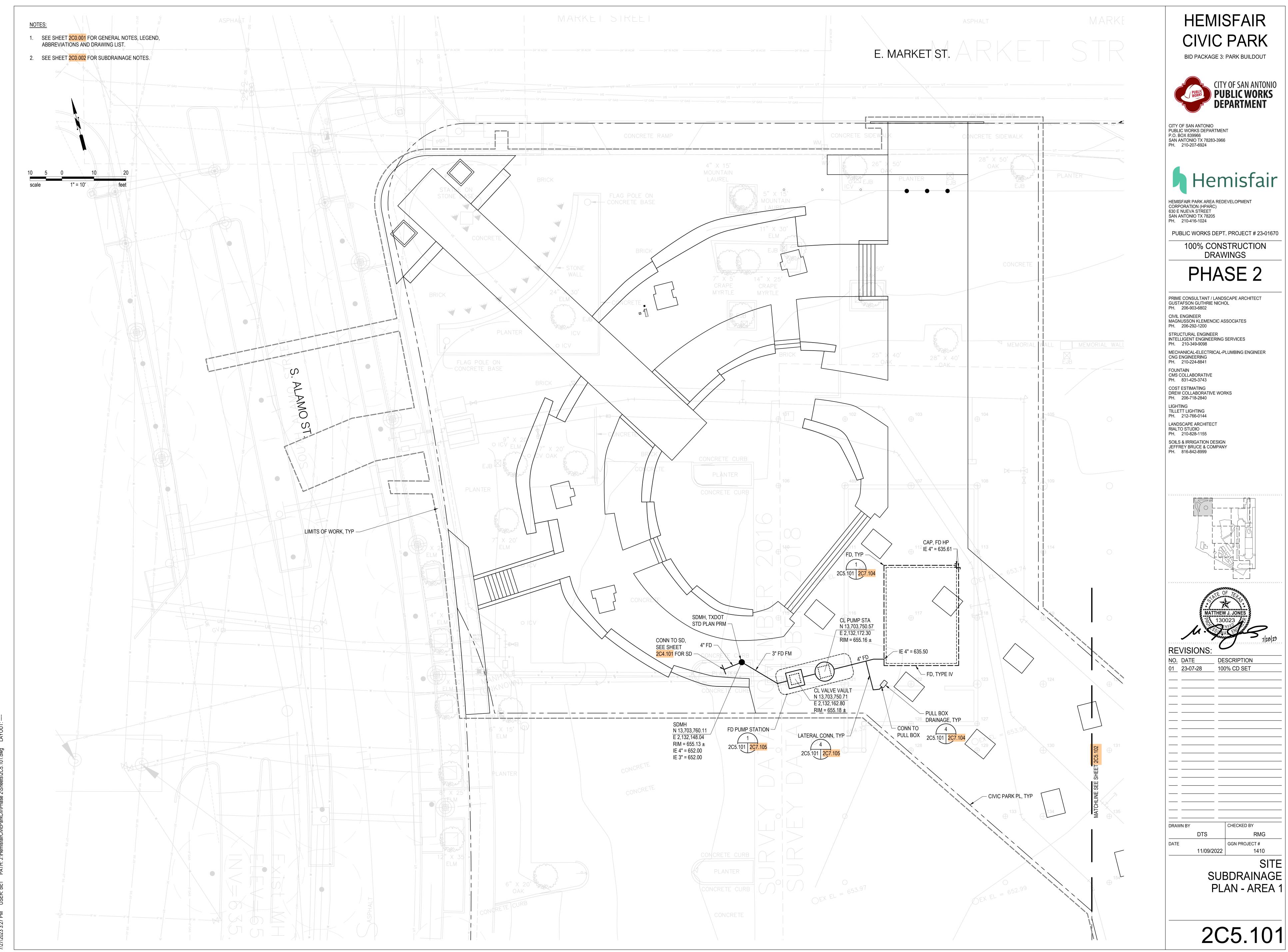
PUBLIC WORKS DEPT. PROJECT # 23-01670 100% CONSTRUCTION



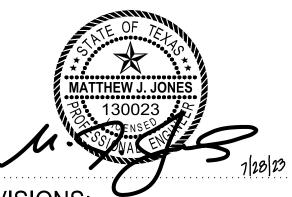
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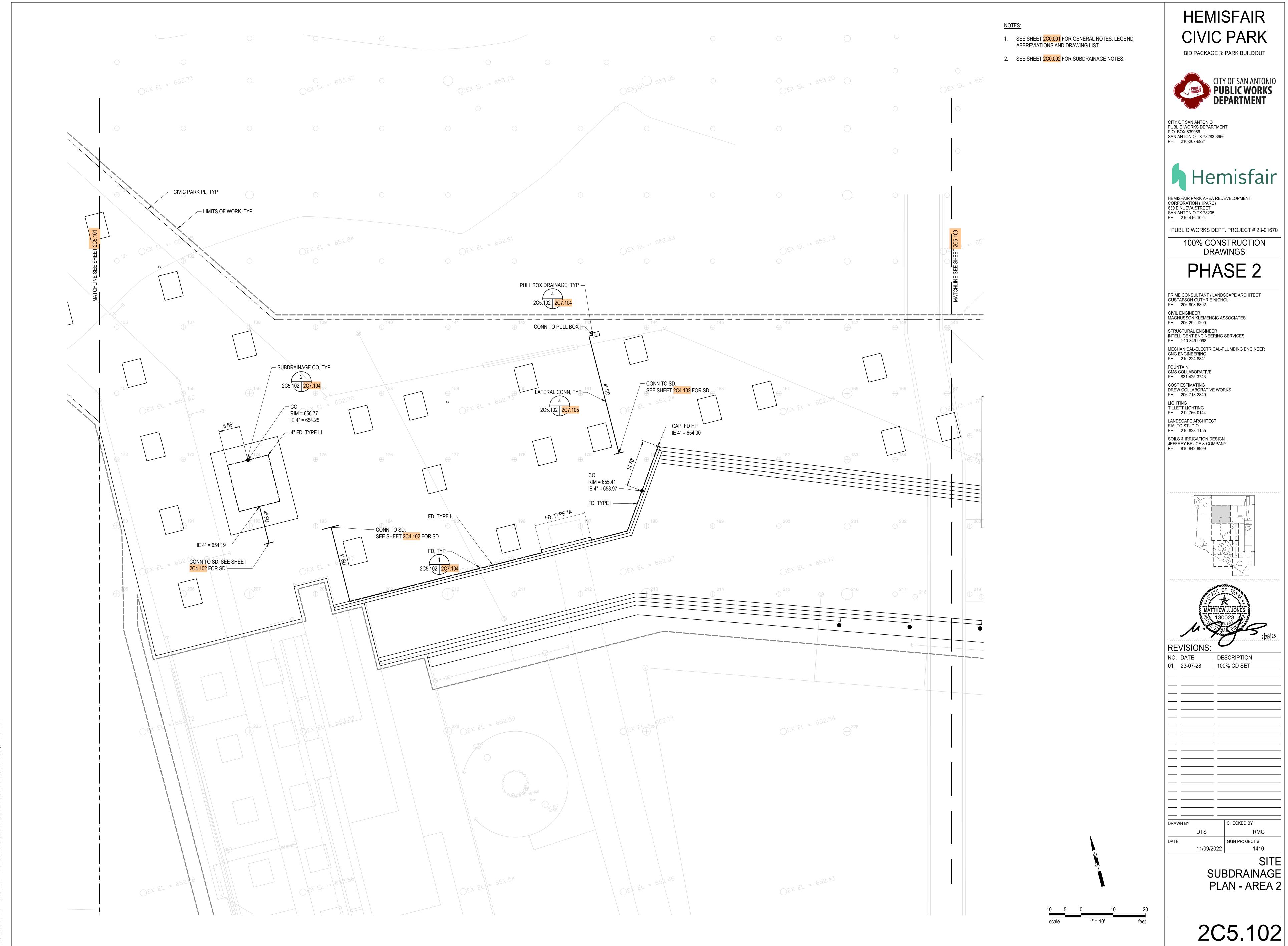
STORM DRAINAGE PLAN - AREA 3

2C4.103

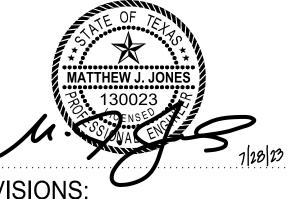


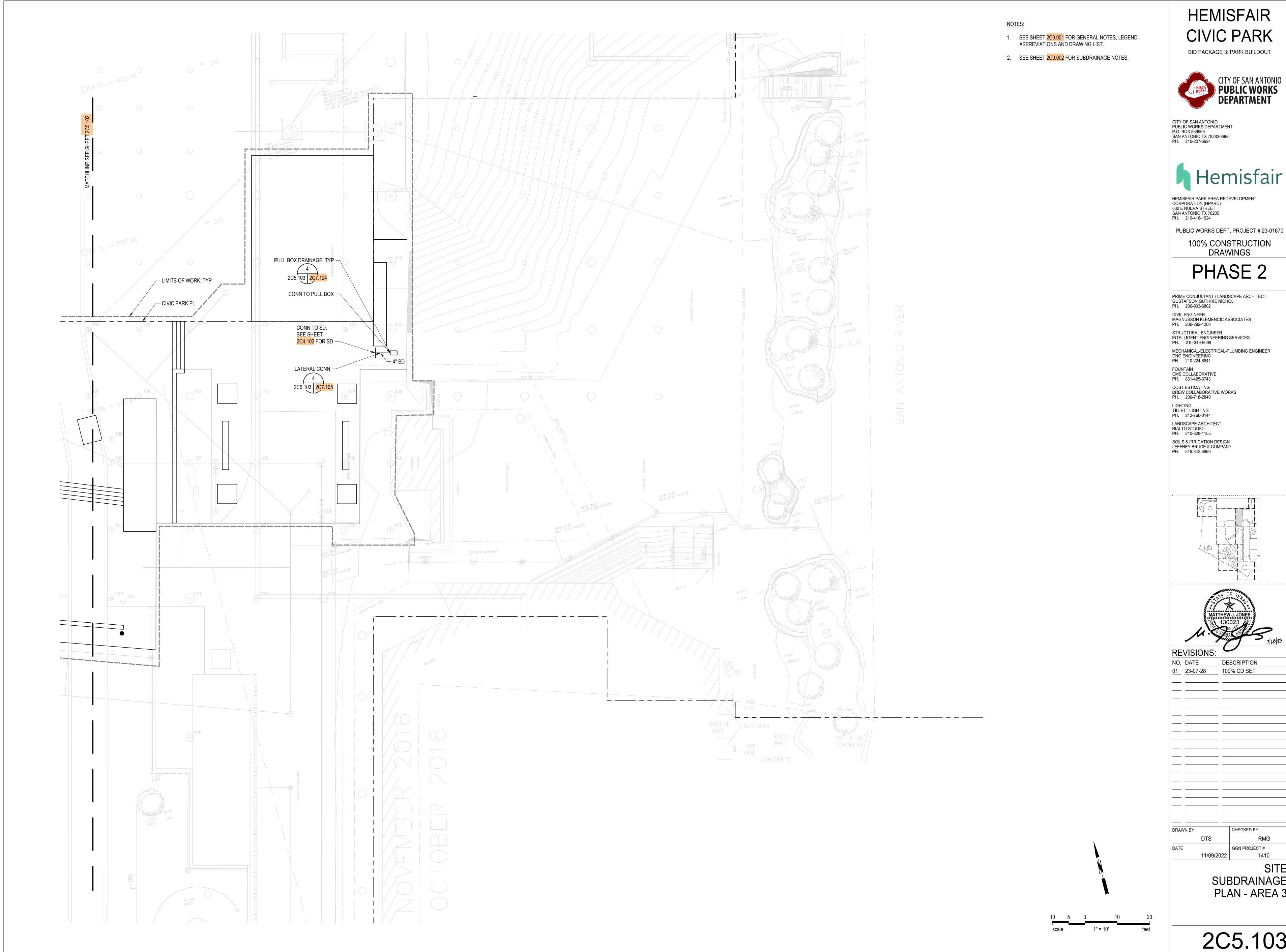








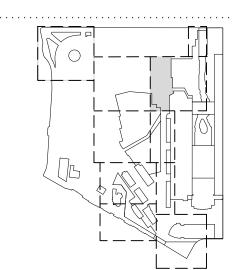








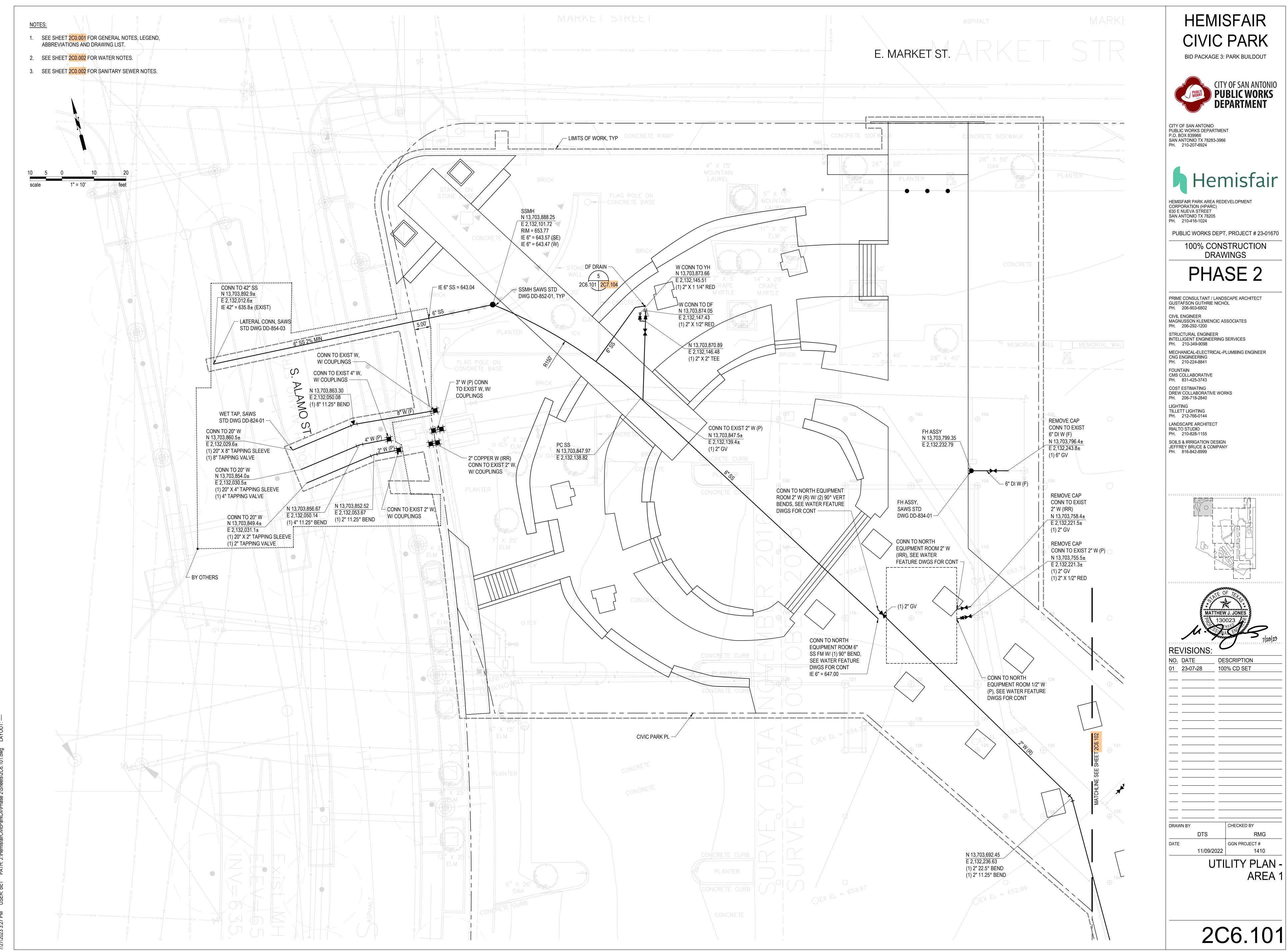
100% CONSTRUCTION



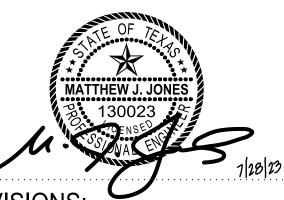


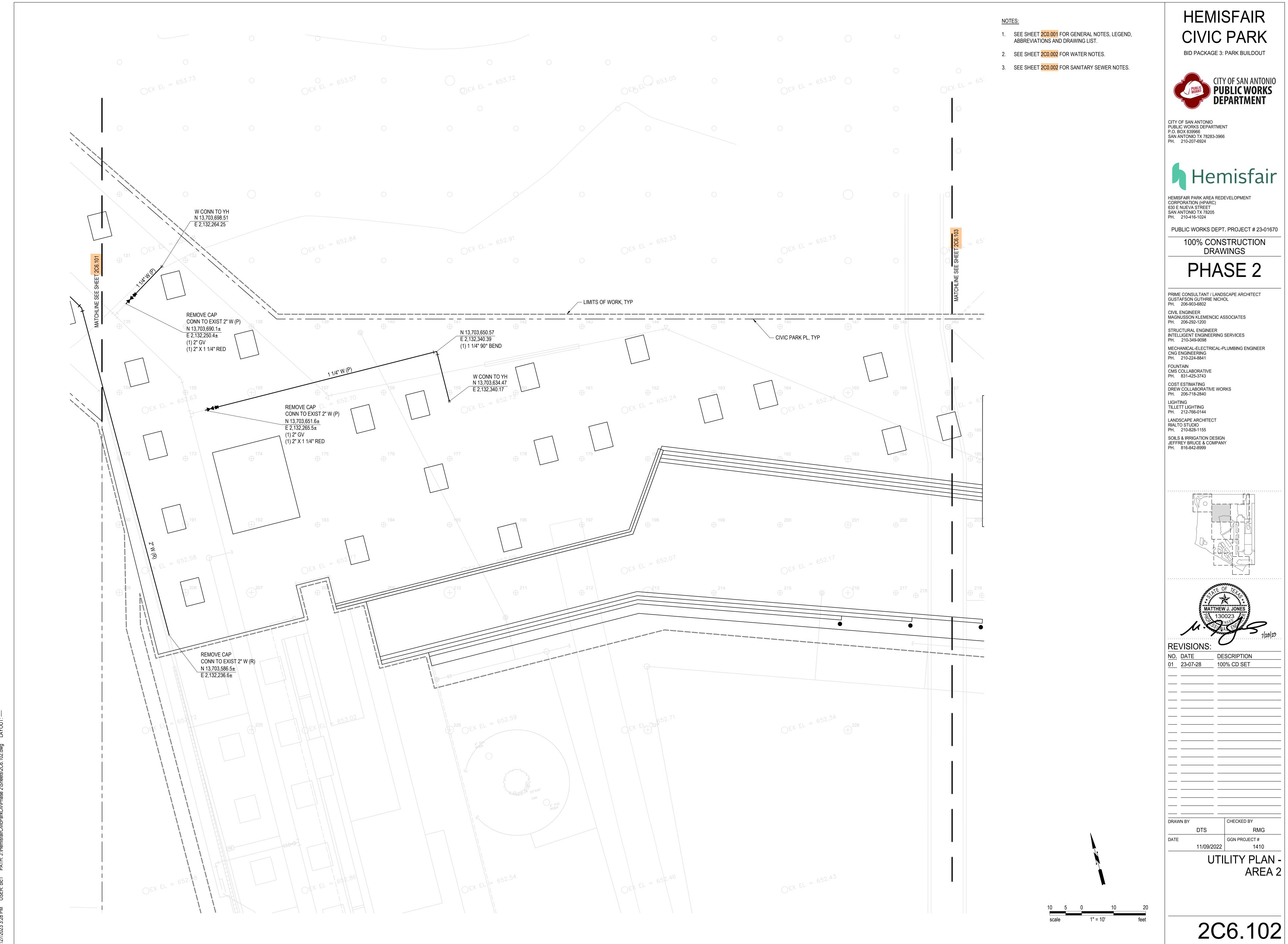
SITE SUBDRAINAGE PLAN - AREA 3

2C5.103





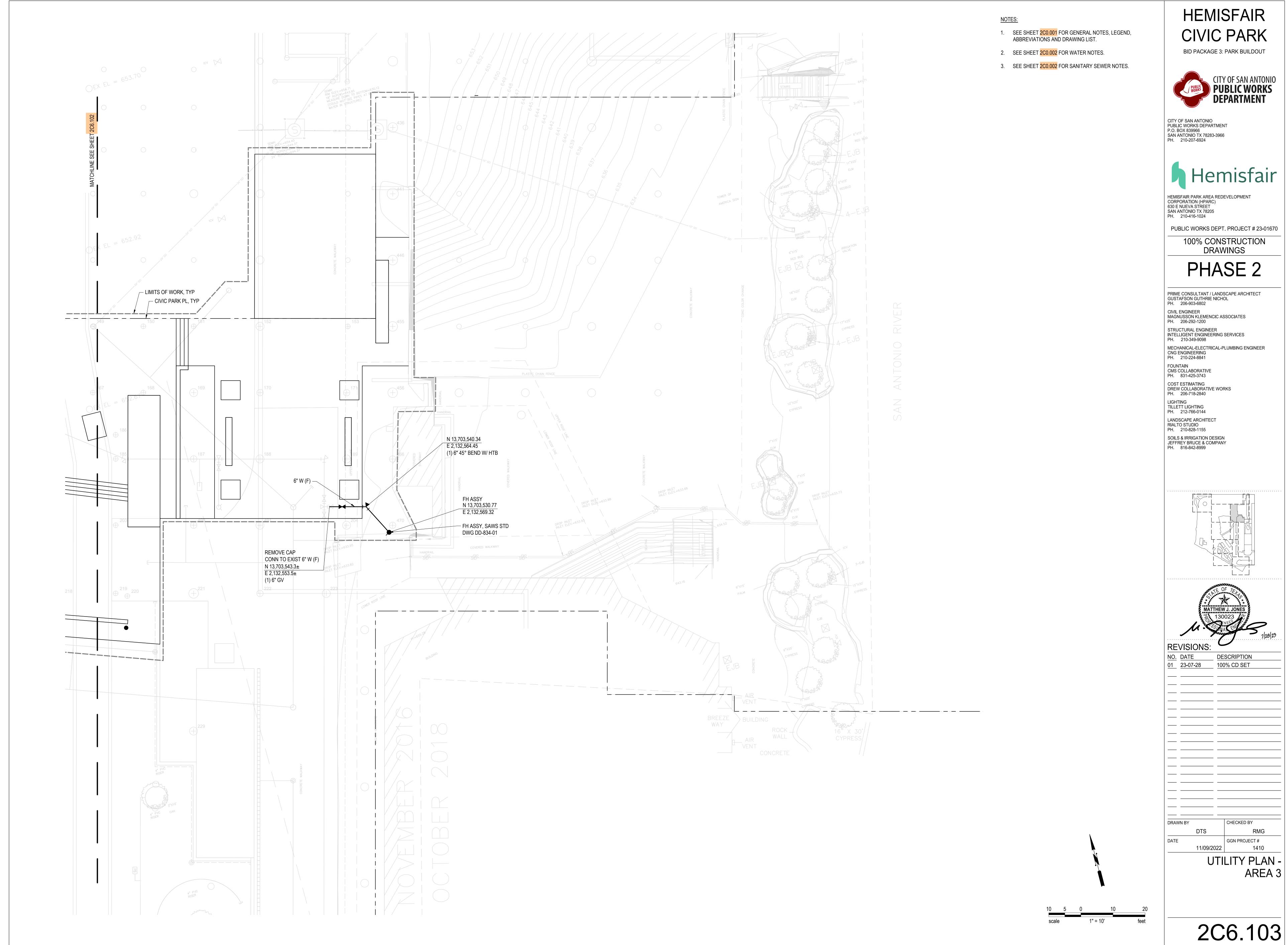








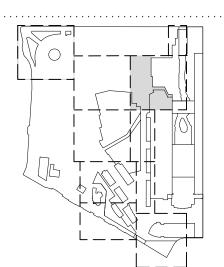
UTILITY PLAN -AREA 2





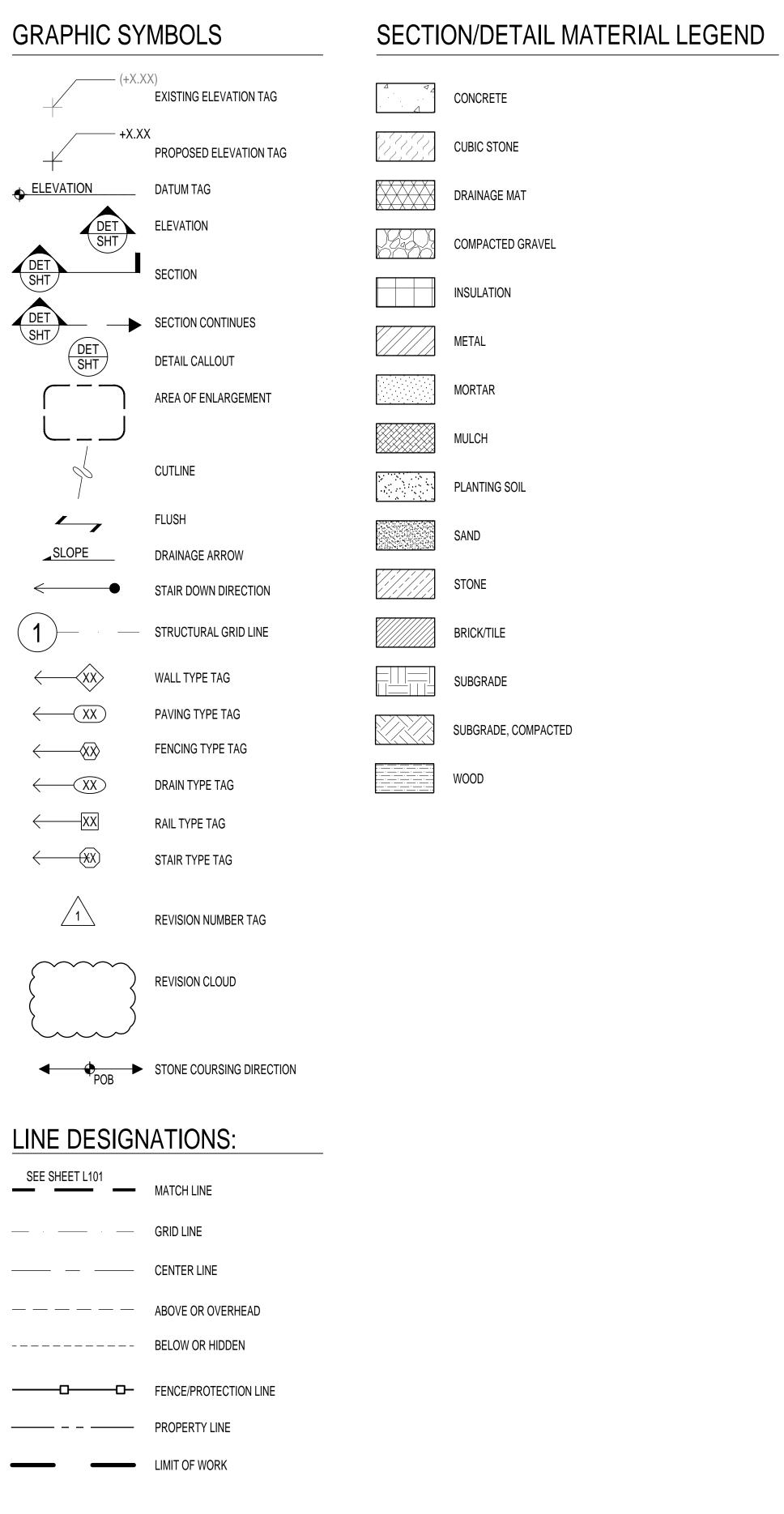


100% CONSTRUCTION





UTILITY PLAN -AREA 3



ABBREVIATION TABLE

FUTURE

4 ABV	ABOVE	G GA	GAUGE	R (R)
AC	ASPHALT CONCRETE	GAL	GALLON	R
ΑĎ	AREA DRAIN, ACCESS DOOR	GALV	GALVANIZED	RAD
ADJ	ADJUSTABLE/ADJACENT	GB	GRADE BREAK	RD
AFF	ABOVE FINISHED FLOOR	GC	GENERAL CONTRACTOR	REBAF
AFG	ABOVE FINISHED GRADE	GL	GLASS/GLAZING/GLAZED	RECT
AGG ALT	AGGREGATE	GPM H	GALLONS PER MINUTE	REF REINF
APPROX	ALTERNATE(IVE) / ALTERATION APPROXIMATE	П (H)	HIGH/HEIGHT	REQD
ARCH	ARCHITECT/ARCHITECTURAL	HB	HOSE BIB	REV
AVG	AVERAGE	HC	HANDICAP	ROW
}	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	HDWD	HARDWOOD	RL
3C	BOTTOM OF CURB	HDWR	HARDWARE	RT
SL .	BREAK LINE	HORIZ	HORIZONTAL	S
SLDG	BUILDING	HP	HIGH POINT, HORSEPOWER	S
SLKG	BLOCKING	HR	HANDRAIL	SAWS
O OT	BOTTOM OF BOTTOM	HSS HT	HOLLOW STRUCTURAL SECTION HEIGHT	SCHEI SECT
P	BOTTOM OF POOL	111	HEIGHT	SHT
iR	BREAK LINE, BOTTOM OF RAMP	ID	INSIDE DIAMETER/INSIDE DIMENSION	SIM
TWN	BETWEEN	ΙE	INVERT ELEVATION	SLR
S	BOTTOM OF STAIR	IN	INCHES	SPEC(
W	BOTTOM OF WALL	INSUL	INSULATION	SF
4.5	0.4.0.1717	INT	INTERIOR	SS
AP BC	CATCH BASIN	J	IOICT	ST
BC DE	CATCH BASIN	JST	JOIST	STA
DF EM	CONTROLLED DENSITY FILL CEMENT	JT K	JOINT	STD STL
EIVI F	CURB FACE	K KD	KILN DRIED	STRU(
Г 	CAST IRON	KO	KNOCK OUT	SURF
IP	CAST IN PLACE	L	- -	SW
L	CENTER LINE	(L)	LENGTH	SYM
LR	CLEAR, CLEARANCE	LB	POUND	T
0	CLEAN OUT	LF	LINEAR FEET	<u>(</u> T)
OL OLD	COLUMN	LOW	LIMIT OF WORK	T
OMP	COMPOSITE/COMPOSITION	LP LT	LOW POINT LIGHT	T&B TB
ONC OND	CONCRETE CONDITION	L1 M	LIGHT	TBD
OND	CONTINUOUS, CONTINUE,	MAINT	MAINTENANCE MAINTAIN	TC, TC
0111	CONTINUATION	MAS	MASONRY	TD TD
OSA	CITY OF SAN ANTONIO	MATL	MATERIAL	TEMP
TR	CENTER	MAX	MAXIMUM	T.O.
TSK	COUNTERSUNK	MECH	MECHANICAL	TOF
U	CUBIC	MEMB	MEMBRANE	THK
3)	DEEP/DEPTH	MEP	MECHANICAL, ELECTRICAL, AND	THR
)) BL	DOUBLE	MTL/MET	PLUMBING METAL	TOD TOL
ECID	DECIDUOUS	MFR	MANUFACTURER/MANUFACTURING	TOP
ETL	DETAIL	MH	MANHOLE, MOUNTING HEIGHT	TOS
IA	DIAMETER	MIN	MINIMUM/MINUTE	TS
IM(S)	DIMENSION(S)	MISC	MISCELLANEOUS	TW, TO
Ŋ	DOWN	N	NORTH	TYP
R MC(C)	DRAIN DRAMING(S)	N N/A	NORTH	U
WG(S)	DRAWING(S)	N/A NIC	NOT APPLICABLE NOT IN CONTRACT	UC
	EAST	No.	NUMBER	UNO UTIL
Ą	EACH	NOM	NOMINAL	V
3	EXPANSION BOLT	NS	NORTH SOUTH	V
ĺ	EXPANSION JOINT	NTS	NOT TO SCALE	VAR
-	ELEVATION	0		VIF
EC.	ELECTRICAL	OA	OVERALL	VERT
))	EQUAL	00	ON CENTER	VG
QUIP	EQUIPMENT	OD OF	OUTSIDE DIAMETER	VOL
TR M	EXISTING TO REMAIN	OF OFD	OVERFLOW DRAIN	W
W XP	EAST WEST EXPANSION	OFD OH	OVERFLOW DRAIN OVER HEAD	(W)
XP XIST	EXPANSION EXISTING	OPP	OPPOSITE	W
XT	EXTERIOR	ORIG	ORIGINAL	
XI		P	J. 1. J. 1. V.	
3	FLAT BAR	PA	PLANTING AREA	
OC	FIRE DEPARTMENT CONNECTION	PC	PRECAST, POINT OF CURVATURE	
DN	FOUNDATION	PERF	PERFORATED	
E	FINISH FLOOR ELEVATION	PERP	PERPENDICULAR	
3	FINISH GRADE	PL DLAS	PLATE, PROPERTY LINE	
- N	FIRE HYDRANT / FLAT HEAD	PLAS PLVWD	PLASTER PLYWOOD	
N -	FINISH FLOOR	PLYWD PNL	PLYWOOD PANEL	
)	FACE OF	PNT	PANEL PAINT	
) DB	FACE OF BRICK	POB	POINT OF BEGINNING	
DC	FACE OF CONCRETE	POC	POINT OF CURVATURE	
)F	FACE OF FINISH	POT	POINT OF TANGENCY	
DIC	FURNISHED BY OWNER, INSTALLED	PREFAB	PREFABRICATE(D)	
	BY CONTRACTOR	PSF	POUND PER SQUARE FOOT	
MC	FACE OF MASONRY	PSI	POUNDS PER SQUARE INCH	
OS S	FACE OF STUDS	PT	PAVING TYPE, POINT OF TANGENCY	
S Γ	FINISH SURFACE	PVC	POLYVINYL CHLORIDE	
-G	FOOT OR FEET FOOTING	Q OTB	OHARTER	
	FURNISH(ED)	QTR QTY	QUARTER QUANTITY	
URN	ENKINIQUIEI))	() (V	()	

QTY

QUANTITY

RISER HEIGHT RISER / RADIUS **RADIUS** RD REBAR ROOF DRAIN REINFORCING BAR RECT RECTANGULAR REF REFER(ENCE) REINF REINFORCE (-D, -MENT) REQD REQUIRED REV REVISION (REVISED) RIGHT OF WAY RIDGE LINE RIGHT SAN ANTONIO WATER SYSTEM SAWS SCHED SCHEDULE SECT SHT SECTION SHEET SIM SIMILAR SLR SEALER SPEC(S) SPECIFICATION(S) SQUARE FEET STAINLESS STEEL, SANITARY SEWER STONE STA STATION STD STANDARD STRUCT STRUCTURE/STRUCTURAL SURF SURFACE SW SIDEWALK SYM SYMMETRICAL TREAD DEPTH TOP/TREAD/THICK TOP AND BOTTOM THRUST BLOCK TBD TO BE DETERMINED TOP OF CURB / TOP OF CONCRETE TRENCH DRAIN TEMP TEMPORARY / TEMPERATURE T.O. TOP OF (OBJECT) TOF TOP OF FOOTING THK THR THICK THRESHOLD TOD TOP OF DECK TOL TOP TOS TOLERANCE TOP OF PLATE / PAVEMENT TOP OF STEEL TOP OF STAIR TW, TOW TOP OF WALL TYP TYPICAL UNDERCUT UNLESS NOTED OTHERWISE UTIL UTILITY VERTICAL VARIABLE / VARIES

VERIFY IN FIELD

VERTICAL GRAIN

VERTICAL

VOLUME

WIDE / WIDTH WEST, WATER CIVIC PARK BID PACKAGE 3: PARK BUILDOUT CITY OF SAN ANTONIO **PUBLIC WORKS**

HEMISFAIR



CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT P.O. BOX 839966 SAN ANTONIO TX 78283-3966 PH. 210-207-6924



HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

PUBLIC WORKS DEPT. PROJECT # 23-01670 100% CONSTRUCTION **DRAWINGS**

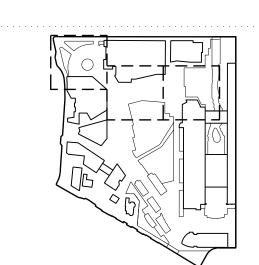
PHASE 2

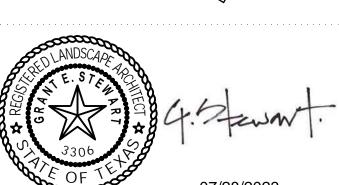
PRIME CONSULTANT / LANDSCAPE ARCHITECT GGN LANDSCAPE ARCHITECTURE LTD. PH. 206-903-6802 CIVIL ENGINEER
MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200 STRUCTURAL ENGINEER
INTELLIGENT ENGINEERING SERVICES PH. 210-349-9098 MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841 FOUNTAIN CMS COLLABORATIVE

PH. 831-425-3743 COST ESTIMATING DREW COLLABORATIVE WORKS PH. 206-718-2840 LIGHTING TILLETT LIGHTING

PH. 212-766-0144 LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155

SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999





07/28/2023 **REVISIONS:** DESCRIPTION

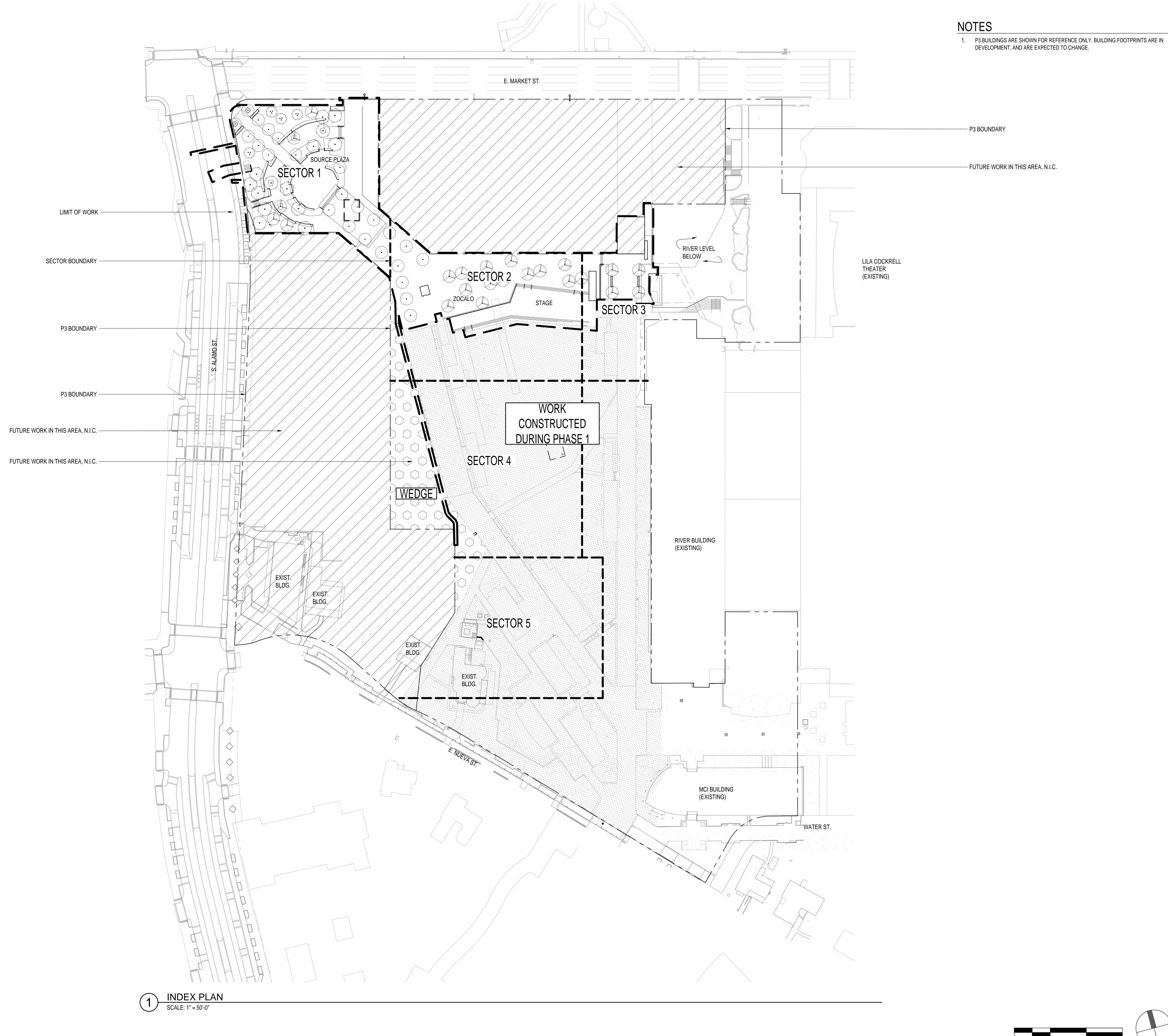
NO. DATE 01 07-28-23 100% CD SET

GGN PROJECT#

07/28/2023

LANDSCAPE NOTES ABBREVIATIONS AND LEGENDS

2L0.001



HEMISFAIR CIVIC PARK BID PACKAGE 3: PARK BUILDOUT



CITY OF SAN ANTONIO
PUBLIC WORKS DEPARTMENT
P.O. BOX 839966
SAN ANTONIO TX 78283-3966
PH. 210-207-6924



HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

PUBLIC WORKS DEPT. PROJECT # 23-01670 100% CONSTRUCTION

DRAWINGS

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CIVIL ENGINEER MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200

STRUCTURAL ENGINEER INTELLIGENT ENGINEERING SERVICES PH. 210-349-9098

MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841

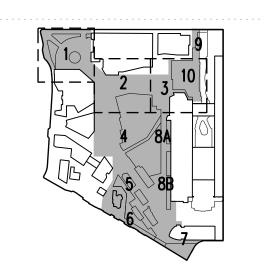
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REVISIONS:

NO. DATE DESCRIPTION 01 07-28-23 100% CD SET

CHECKED BY DRAWN BY 07/28/2023

INDEX PLAN



LIGHTING FIXTURE LEGEND

EIGHTHAG TIXTORE EEGEND		
SYMBOL	TYPE	
SEE LIGHTING PLANS	FOR INFORMATION ON ALL FIXTURES	
	POST-TOP LANTERN	
•••	TRIPLE HEAD POST-TOP LANTERN	
• ——	CATENARY FIXTURE	
0	CATENARY POLE	
€	ADJUSTABLE FLOODS POST-TOP	
<u> </u>	RELOCATED EXISTING STREET LIGHT. SEE ELEC. (COORDINATE WITH P3 PROJECT MARKET STREET IMPROVEMENTS)	
	EXISTING STREET LIGHT TO REMAIN (COORDINATE WITH ALAMO STREET AND P3 PROJECTS)	

UTILITY LEGEND

SYMBOL	TYPE
	PROPOSED FIRE HYDRANT
	EXISTING FIRE HYDRANT
	PROPOSED AREA DRAINS
	EXISTING AREA DRAINS
O HH o	PROPOSED UTILITY COVER
	EXISTING UTILITY COVER
	PROPOSED IRRIGATION VALVE BOX
	PROPOSED WIFI BOLLARD

NOTE: SEE CIVIL FOR UTILITY PLANS, DETAILS AND SPECIFICATIONS SEE WIFI FOR WIFI PLANS, DETAILS AND SPECIFICATIONS

WALL SCHEDULE

WALL TYPE	LOCATION	DECCDIDTION	NOTES	DETAII	CDEC
VVALLITPE	LOCATION	DESCRIPTION	NOTES	DETAIL	SPEC
WALL TYPE 1	SOURCE PLAZA	STONE VENEER SEAT WALL WITH CUBIC STONE COPING. STONE VENEER BOTH SIDES OF WALL. CAST-IN-PLACE REINFORCED CONCRETE CORE. SEE DRAWINGS FOR STONE VENEER SIZE AND INSTALLATION PATTERN.	HEIGHT SEE GRADING PLAN	1 2L5.001	044300
WALL TYPE 2 2	SOURCE PLAZA	CUBIC STONE RETAINING WALL ON CAST-IN-PLACE REINFORCED CONCRETE FOUNDATION.	HEIGHT SEE GRADING PLAN	1 2L5.002	044300
WALL TYPE 3 3	SOURCE PLAZA, ZOCALO	STONE VENEER WALL WITH CUBIC STONE COPING. STONE VENEER ONE SIDE OF WALL. CAST-IN-PLACE REINFORCED CONCRETE CORE. SEE DRAWINGS FOR STONE VENEER SIZE AND INSTALLATION PATTERN.	HEIGHT SEE GRADING PLAN	2 2L5.001	044300
WALL TYPE 8 8	ZOCALO	STONE VENEER RETAINING WALL WITH CUBIC STONE COPING. SEE DETAILS FOR INTEGRATING LEAN RAIL WITH TOP OF WALL. STONE VENEER ONE SIDE OF WALL. CAST-IN-PLACE CONCRETE CORE. SEE DRAWINGS FOR STONE VENEER SIZE AND INSTALLATION PATTERN.	HEIGHT SEE GRADING PLAN	6 2L5.00½	044300
WALL TYPE 10A	MURAL ROOM OVERLOOK FIRE LANE SHALLOWS ALAMO STREET	CUBIC STONE BENCH ON CAST-IN-PLACE REINFORCED CONCRETE FOUNDATION.	HEIGHT SEE GRADING PLAN	4 2L5.001	044300
WALL TYPE 11 11	SOURCE PLAZA	CUBIC STONE RETAINING WALL ON CAST-IN-PLACE REINFORCED CONCRETE FOUNDATION.	HEIGHT SEE GRADING PLAN	2 2L5.002 2L5.002	044300
WALL TYPE 16 16	SOURCE PLAZA	EXISTING CIP CONCRETE WALL AT UTILITY PAD.	HEIGHT SEE GRADING PLAN	5 2L5.001	033000
WALL TYPE 17 17	SOURCE PLAZA	STONE VENEER WALL WITH CUBIC STONE COPING. STONE VENEER ONE SIDE OF WALL. CAST-IN-PLACE REINFORCED CONCRETE CORE. SEE DRAWINGS FOR STONE VENEER SIZE AND INSTALLATION PATTERN.	HEIGHT SEE GRADING PLAN	3 2L5.001	044300

SITE FURNISHING SCHEDULE

SYMBOL	ITEM	DETAIL	SPEC.
B1—)	BENCH B1		129300
R T	TRASH RECEPTACLE & RECYCLING RECEPTACLE		129300
	REMOVABLE BOLLARD	1 2L5.201	129300
1111	BIKE RACK		129300
$\vdash\!$	HAND RAIL (BOTH SIDES OF STAIR UNLESS NOTED OTHERWISE)	2L5.402	057300
$\fbox{G}\longrightarrow$	GUARD RAIL	7 2L5.401	057300
	LEAN RAIL	1 2L5.401	057300
LG	LEAN RAIL / GUARD RAIL	4 2L5.401	057300
$\mathbb{R} \longrightarrow \begin{array}{ c c c c c c c c c c c c c c c c c c c$	PLANT PROTECTION RAIL	4 2L5.403	057300
<u>D1</u>	CAST IRON TRENCH DRAIN, SLOPING TRENCH BODY	3 2L5.801	129300
E-≡-≡-∃ D2	ADA COMPLIANT SLOT DRAIN, STAINLESS STEEL	1 2L5.801	129300
	DRINKING FOUNTAIN TYPE B	3 2L5.201	129300
•	ELECTRICAL/POWER INTEGRATED WITH WALLS	1 2L5.603 2L5.603	SEE ELECTRICAL
0	ELECTRICAL/POWER PEDESTAL	SEE ELECTRICAL	SEE ELECTRICAL
■ C	CHARGING STATION	SEE ELECTRICAL	SEE ELECTRICAL
YH⊗	YARD HYDRANT	5 2L5.201	129300
(A)	TREE GRATE TYPE A	1 2L5.104	129300
(C)	TREE GRATE TYPE C	2L5.104	129300
D	TREE GRATE TYPE D	2L5.104	129300
(A1)	TREE GRATE TYPE A1	1 2L5.104 2L5.201	129300
PB	ELECTRICAL PULL BOX	3 2L5.103	SEE ELECTRICAL
SG SG SG	SIGNAGE	N.I.C. SEE SIGNAGE PACKAGE	
$\boxed{\texttt{S1}} \longrightarrow$	STAIR TYPE 1	1 2L5.301	
(S2)>	STAIR TYPE 2	1 2L5.301 2L5.301	

HEMISFAIR
CIVIC PARK
BID PACKAGE 3: PARK BUILDOUT



CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT P.O. BOX 839966 SAN ANTONIO TX 78283-3966 PH. 210-207-6924



HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

PUBLIC WORKS DEPT. PROJECT # 23-01670

100% CONSTRUCTION
DRAWINGS

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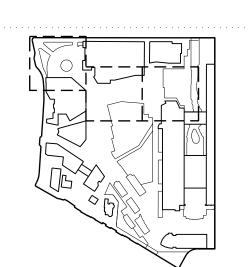
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OF TOP	07/28/2023

REVISIONS:

NO. DATE

DESCRIPTION

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JB/KW

GS/DM

DATE

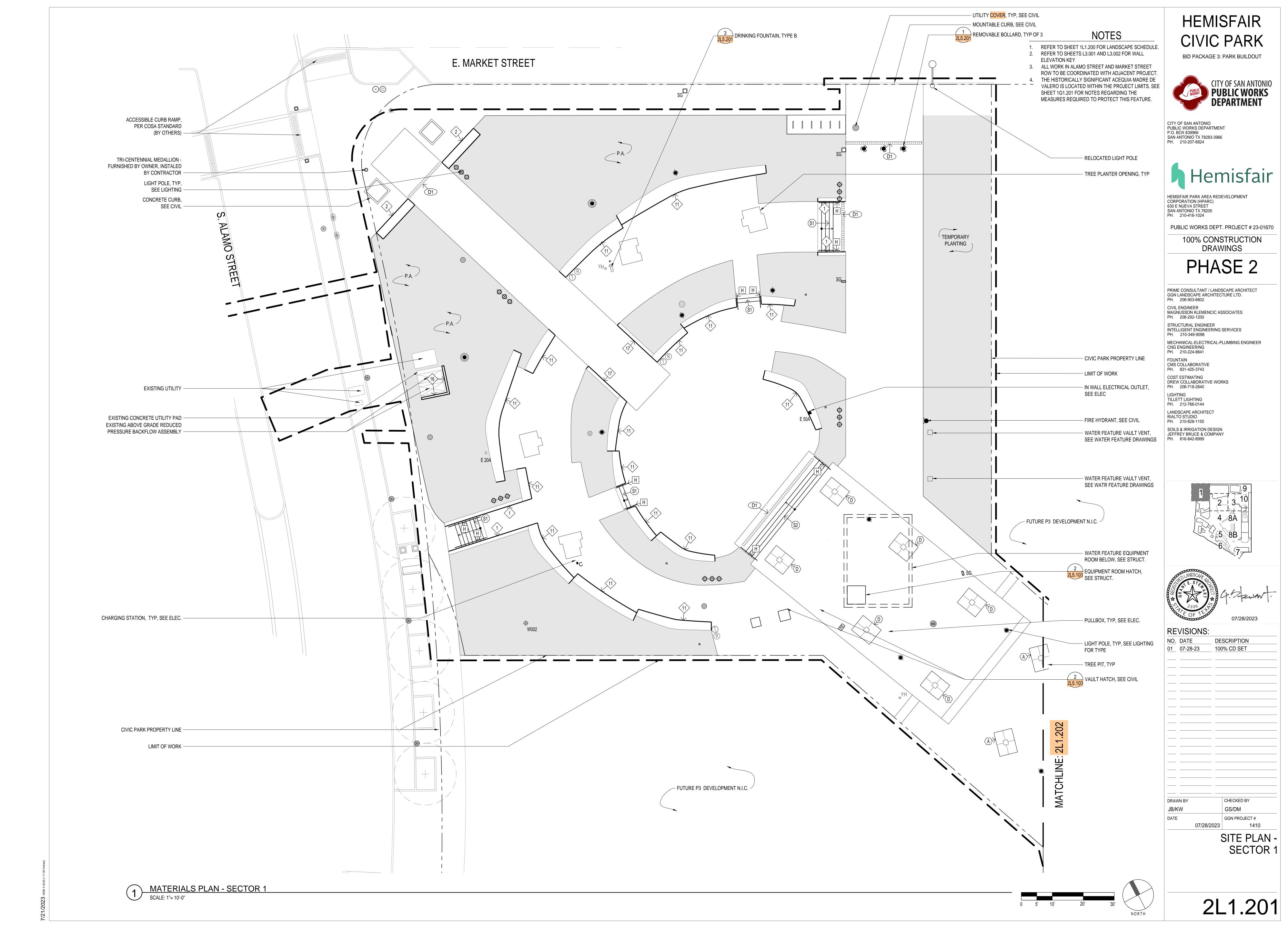
07/28/2023

GGN PROJECT #

1410

LANDSCAPE NOTES AND SCHEDULES

2L1.200



NOTES

REFER TO SHEET 1L1.200 FOR MATERIALS PLAN NOTES.
 SEE L5.500 SERIES FOR WATER FEATURES

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CIVIC PARK
BID PACKAGE 3: PARK BUILDOUT



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MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841

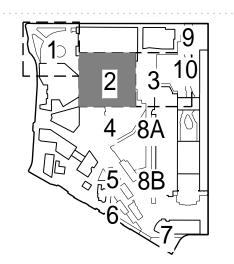
FOUNTAIN CMS COLLABORATIVE PH. 831-425-3743

COST ESTIMATING DREW COLLABORATIVE WORKS PH. 206-718-2840

LIGHTING
TILLETT LIGHTING
PH. 212-766-0144

LANDSCAPE ARCHITECT
RIALTO STUDIO
PH. 210-828-1155

SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999







 NO.
 DATE
 DESCRIPTION

 01
 07-28-23
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JB/KW

DATE

07/28/2023

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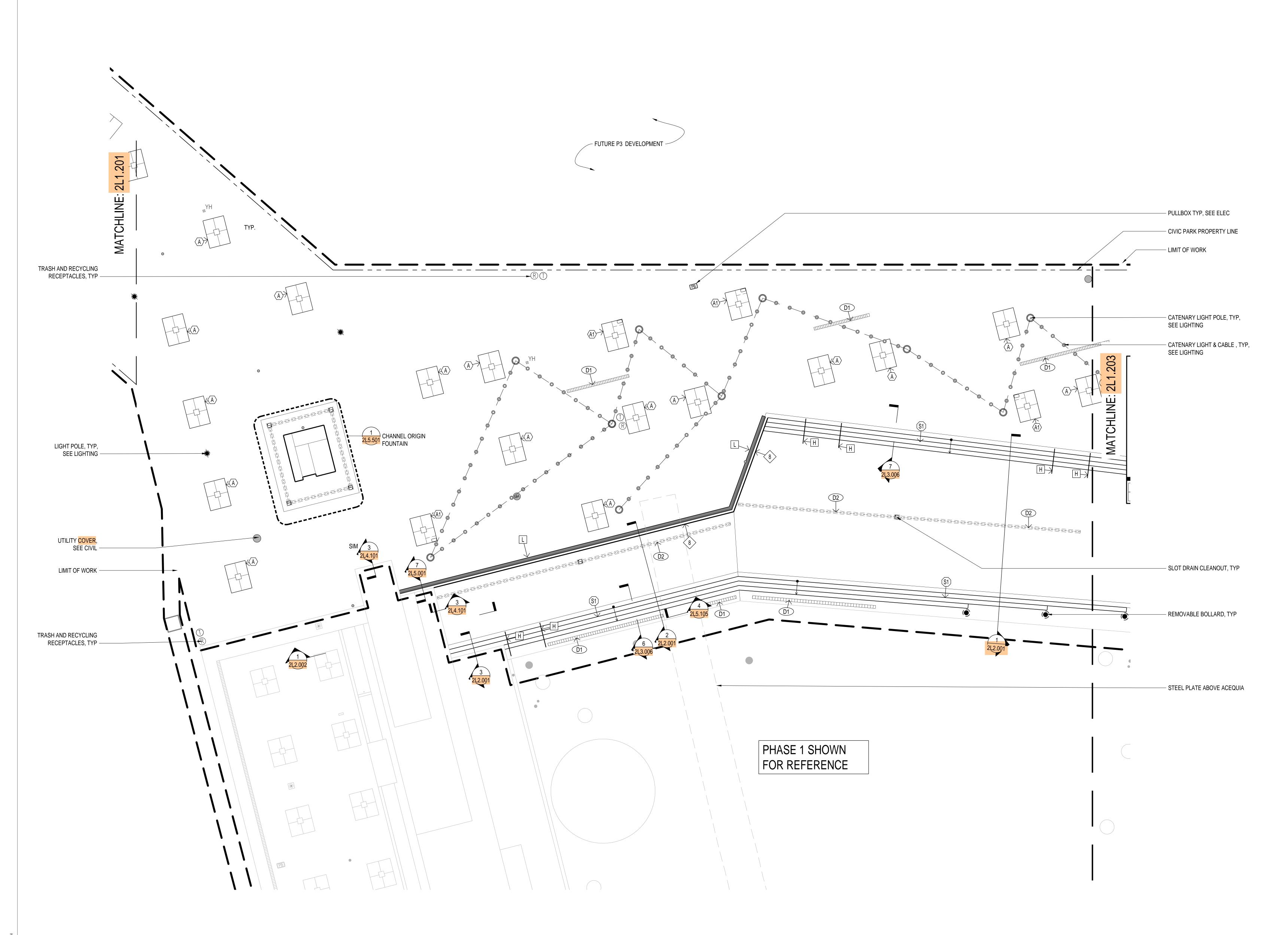
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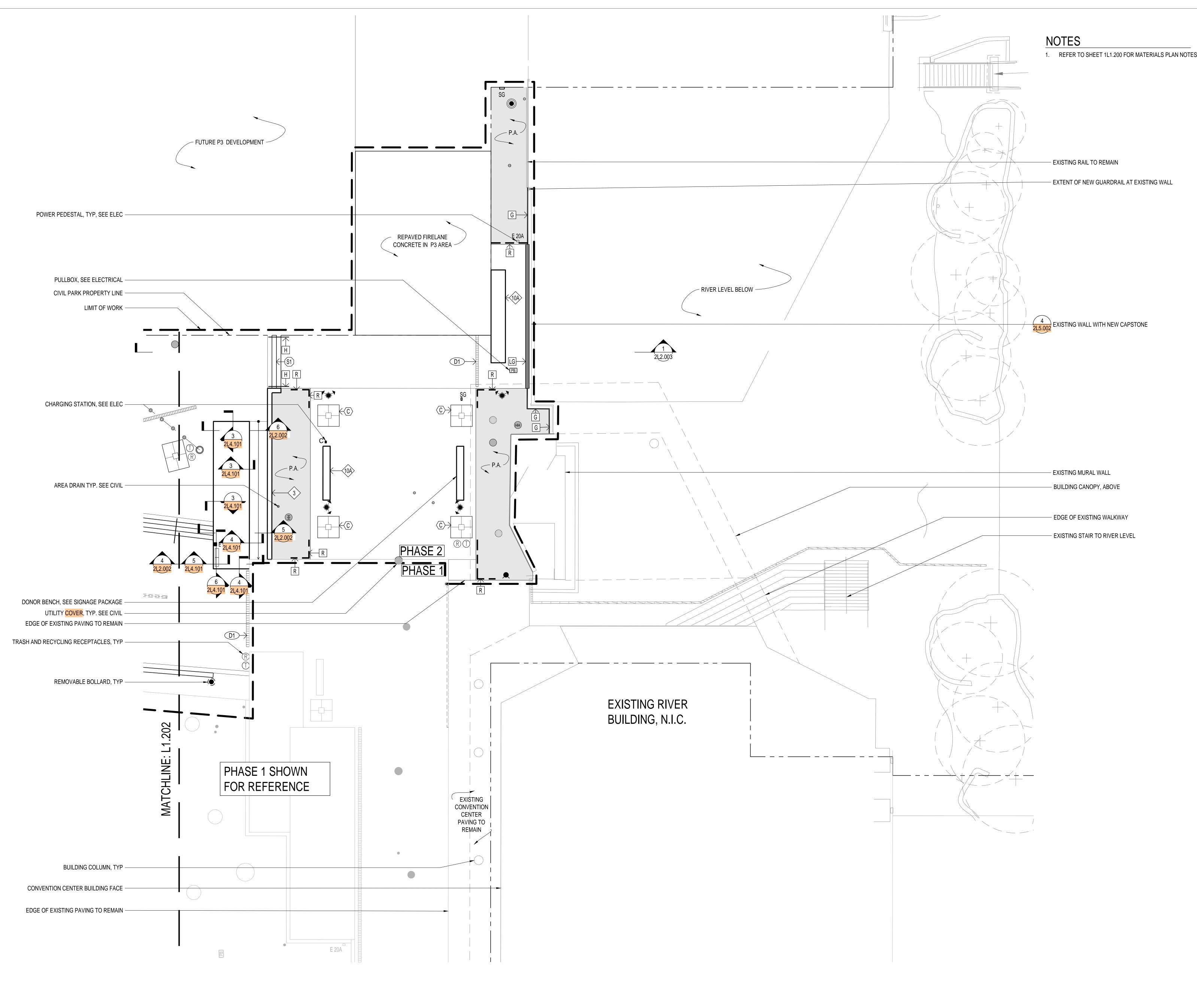
GGN PROJECT

1

SITE PLAN -SECTOR 2

20' 30'





HEMISFAIR CIVIC PARK BID PACKAGE 3: PARK BUILDOUT



CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT P.O. BOX 839966 SAN ANTONIO TX 78283-3966 PH. 210-207-6924



HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

PUBLIC WORKS DEPT. PROJECT # 23-01670 100% CONSTRUCTION **DRAWINGS**

PHASE 2

PRIME CONSULTANT / LANDSCAPE ARCHITECT GGN LANDSCAPE ARCHITECTURE LTD. PH. 206-903-6802

CIVIL ENGINEER MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200

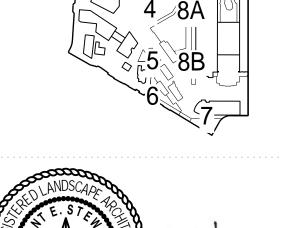
STRUCTURAL ENGINEER INTELLIGENT ENGINEERING SERVICES PH. 210-349-9098

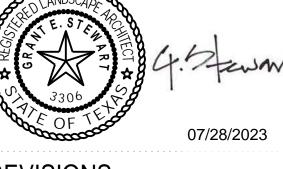
MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841 FOUNTAIN

CMS COLLABORATIVE PH. 831-425-3743 COST ESTIMATING

DREW COLLABORATIVE WORKS PH. 206-718-2840

LIGHTING TILLETT LIGHTING PH. 212-766-0144 LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155 SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999





REVISIONS: NO. DATE

DESCRIPTION 01 07-28-23 100% CD SET

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SITE PLAN -SECTOR 3

PAVING SCHEDULE

PAVIN(G SCHEDUI	<u>.E</u>						
SYMBOL		MATERIAL	LOCATION	DESCRIPTION	NOMINAL DIMENSIONS: LENGTH (L) x WIDTH (W)	DETAIL	PATTERN	SPEC.
PT-1A		PAVING TYPE 1A	CITY SIDEWALKS	CITY OF SAN ANTONIO STANDARD SIDEWALK	N/A	SEE CIVIL	SEE CIVIL	321316 (FINISH)
PT-1B		PAVING TYPE 1B	CITY SIDEWALKS AT FIRE APPARATUS ACCESS	CITY OF SAN ANTONIO STANDARD SIDEWALK (VEHICLE RATED)	N/A	SEE CIVIL	SEE CIVIL	321316 (FINISH)
PT-2A		PAVING TYPE 2A	SOURCE PLAZA	DIMENSIONALLY CUT LIMESTONE PAVERS. SEE DRAWINGS FOR LAYOUT PATTERN AND REQUIRED PAVER CUTTING.	3'-0"(L) x 1'-6"(W)	2L5.101	1 2L5.102	321440
PT-5		PAVING TYPE 5	ZOCALO PAVING	EXTERIOR TILES. SEE DRAWINGS FOR LAYOUT PATTERN.	23 5/8"(L) X 31 1/2"(W)	2L5.101	2 2L5.102	093013.10
PT-6A		PAVING TYPE 6A	PAVEMENT TYPE TRANSITIONS	DIMENSIONALLY CUT LIMESTONE PAVERS. SEE DRAWINGS FOR LAYOUT PATTERN AND REQUIRED PAVER CUTTING.	VARIES (L) X VARIES (W)	1 2L5.101	PATTERN PER PLAN	321440
PT-7		PAVING TYPE 7	STAGE PAVING	DIMENSIONALLY CUT LIMESTONE PAVERS. SEE DRAWINGS FOR LAYOUT PATTERN AND REQUIRED PAVER CUTTING.	6'-0"(L) X 4'-0"(W)	2L5.101	3 2L5.102	321440
PT-8B		PAVING TYPE 8B	BALCONES PAVING	DIMENSIONALLY CUT LIMESTONE PAVERS. SEE DRAWINGS FOR LAYOUT PATTERN AND REQUIRED PAVER CUTTING.	8'-0"(L) X 4'-0"(W) & 8'-0"(L) X 3'-2"(W)	2L4.101	2 2L5.101	321440
PT-9A		PAVING TYPE 9A	SOURCE PLAZA	DIMENSIONALLY CUT LIMESTONE PAVERS. SEE DRAWINGS FOR LAYOUT PATTERN AND REQUIRED PAVER CUTTING.	2'-6"(L) X 2'-6"(W) & 2'-6"(L) X 1'-8"(W) & 2'-6"(L) X 10"(W)	1 2L5.101	6 2L5.101	321440
PT-9B		PAVING TYPE 9B	SOURCE PLAZA FIRE LANE	DIMENSIONALLY CUT LIMESTONE PAVERS. SEE DRAWINGS FOR LAYOUT PATTERN AND REQUIRED PAVER CUTTING.	2'-6"(L) X 2'-6"(W) & 2'-6"(L) X 1'-8"(W) & 2'-6"(L) X 10"(W)	2L5.101	6 2L5.101	321440
PT-10		PAVING TYPE 10	FIRE LANE	DIMENSIONALLY CUT LIMESTONE PAVERS. SEE DRAWINGS FOR LAYOUT PATTERN AND REQUIRED PAVER CUTTING.	2'-0"(L) X 1'-0"(W)	1 2L5.101	4 2L5.102	321440
PT-11		PAVING TYPE 11	FIRE LANE	DIMENSIONALLY CUT LIMESTONE PAVERS. SEE DRAWINGS FOR LAYOUT PATTERN AND REQUIRED PAVER CUTTING.	2'-0"(L) X 2'-0" & 1'-0"(L) X 2'-0"(W)	2L5.101	5 2L5.102	321440
PT-19		PAVING TYPE 19	SOURCE PLAZA	BOUND GRAVEL PAVING	SEE SPECIFICATIONS	2L5.101	N/A	321440
PT-22	+ + + + + + + + + + + + + + + + + + +	PAVING TYPE 22	ALAMO AND MARKET INTERSECTION	NEW PRECAST PAVING TO MATCH EXISTING SIDEWALK PAVING	SEE SPECIFICAITONS			321400

1. THE HISTORICALLY SIGNIFICANT ACEQUIA MADRE DE VALERO IS LOCATED WITHIN THE PROJECT LIMITS. SEE SHEET 1G1.201 FOR NOTES REGARDING THE MEASURES REQUIRED TO PROTECT THIS FEATURE.

NOTES

HEMISFAIR CIVIC PARK BID PACKAGE 3: PARK BUILDOUT



CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT P.O. BOX 839966 SAN ANTONIO TX 78283-3966 PH. 210-207-6924



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PUBLIC WORKS DEPT. PROJECT # 23-01670 100% CONSTRUCTION **DRAWINGS**

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CIVIL ENGINEER MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200

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MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841

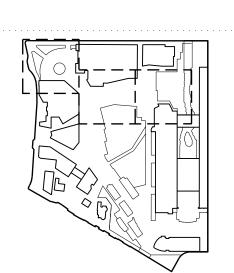
FOUNTAIN CMS COLLABORATIVE PH. 831-425-3743

COST ESTIMATING DREW COLLABORATIVE WORKS PH. 206-718-2840

LIGHTING TILLETT LIGHTING PH. 212-766-0144

LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155

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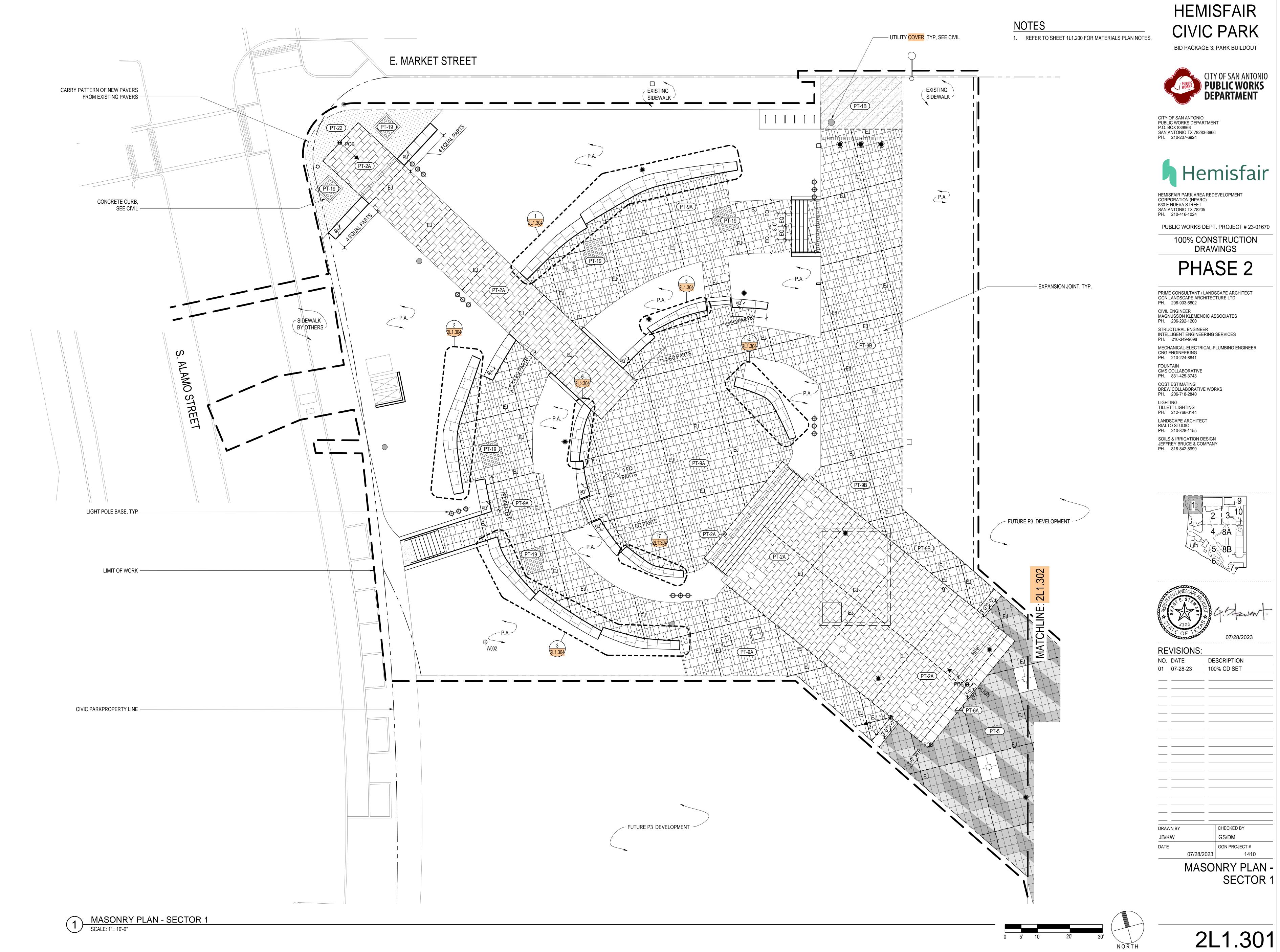
07/28/2023 **REVISIONS:**

NO. DATE DESCRIPTION 01 07-28-23 100% CD SET

GGN PROJECT # 1410

LANDSCAPE MASONRY NOTES AND SCHEDULES

2L1.300



NOTES

1 REFER TO SHEET 11 1 200 FOR MA

REFER TO SHEET 1L1.200 FOR MATERIALS PLAN NOTES.
 SEE L5.500 SERIES FOR WATER FEATURES

HEMISFAIR
CIVIC PARK
BID PACKAGE 3: PARK BUILDOUT



CITY OF SAN ANTONIO
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PUBLIC WORKS DEPT. PROJECT # 23-01670

100% CONSTRUCTION

DRAWINGS

PHASE 2

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MECHANICAL-ELECTRICAL-PLUMBING ENGINEER
CNG ENGINEERING
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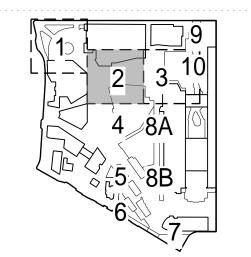
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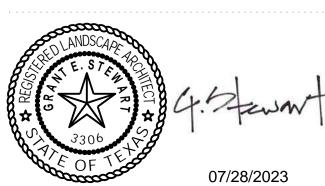
COST ESTIMATING DREW COLLABORATIVE WORKS PH. 206-718-2840

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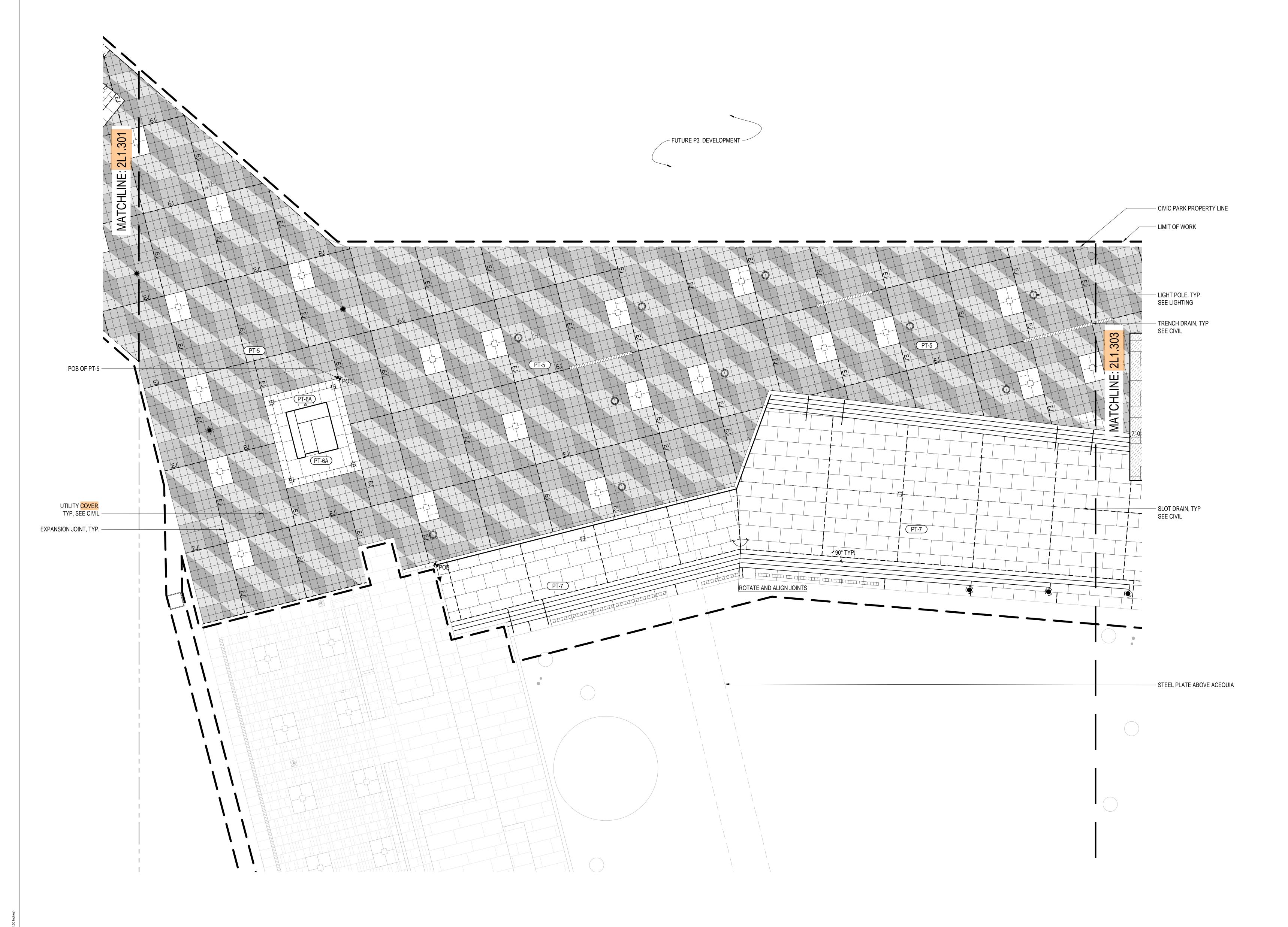
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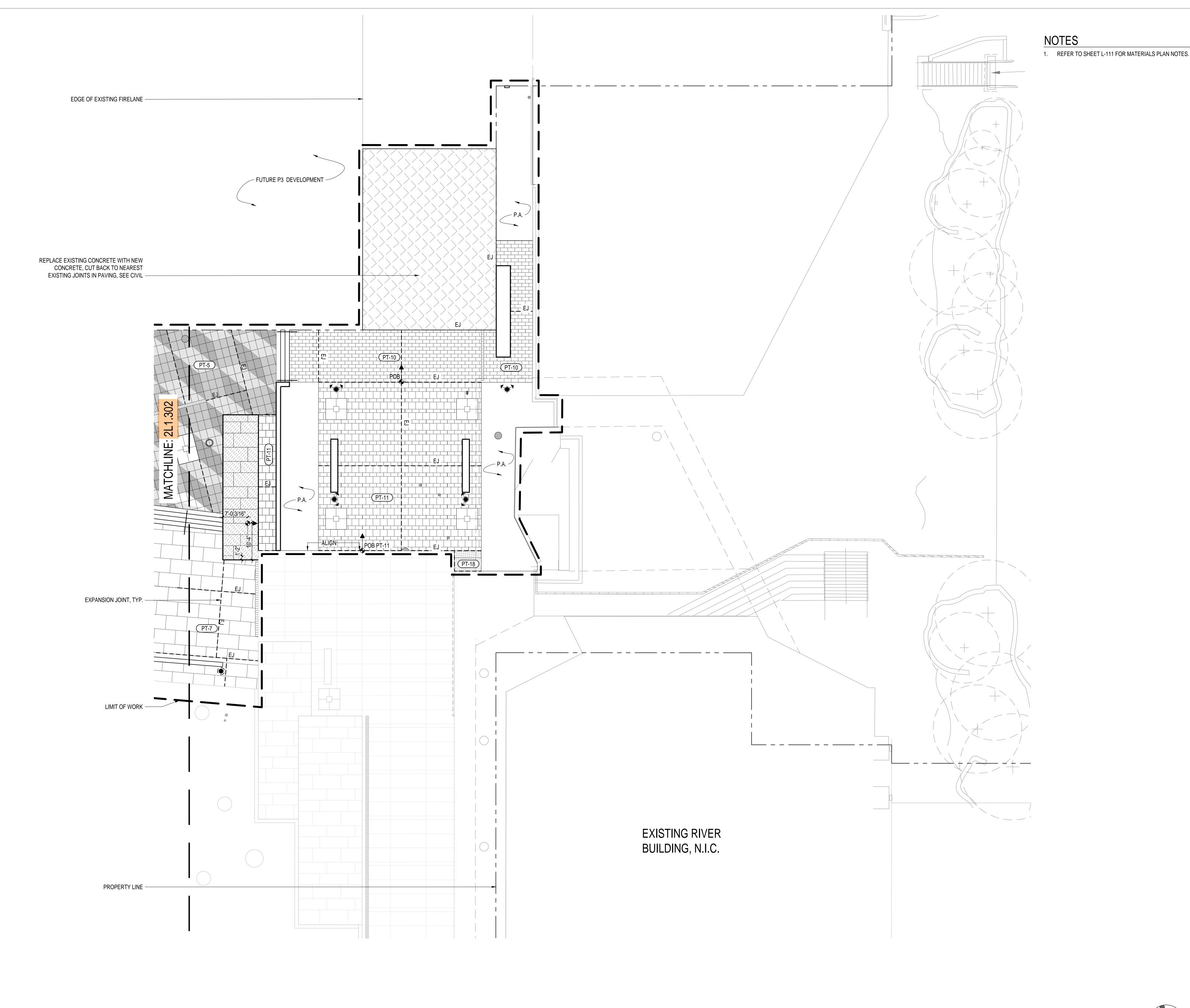
GGN PROJECT #

1410

MASONRY PLAN -SECTOR 2

5' 10' 20' 30'





HEMISFAIR CIVIC PARK BID PACKAGE 3: PARK BUILDOUT



CITY OF SAN ANTONIO
PUBLIC WORKS DEPARTMENT
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PUBLIC WORKS DEPT. PROJECT # 23-01670 100% CONSTRUCTION DRAWINGS

PHASE 2

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CIVIL ENGINEER MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200

STRUCTURAL ENGINEER INTELLIGENT ENGINEERING SERVICES PH. 210-349-9098

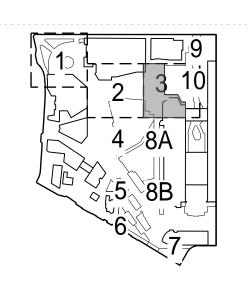
MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841

FOUNTAIN CMS COLLABORATIVE PH. 831-425-3743

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LIGHTING TILLETT LIGHTING PH. 212-766-0144 LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155

SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999



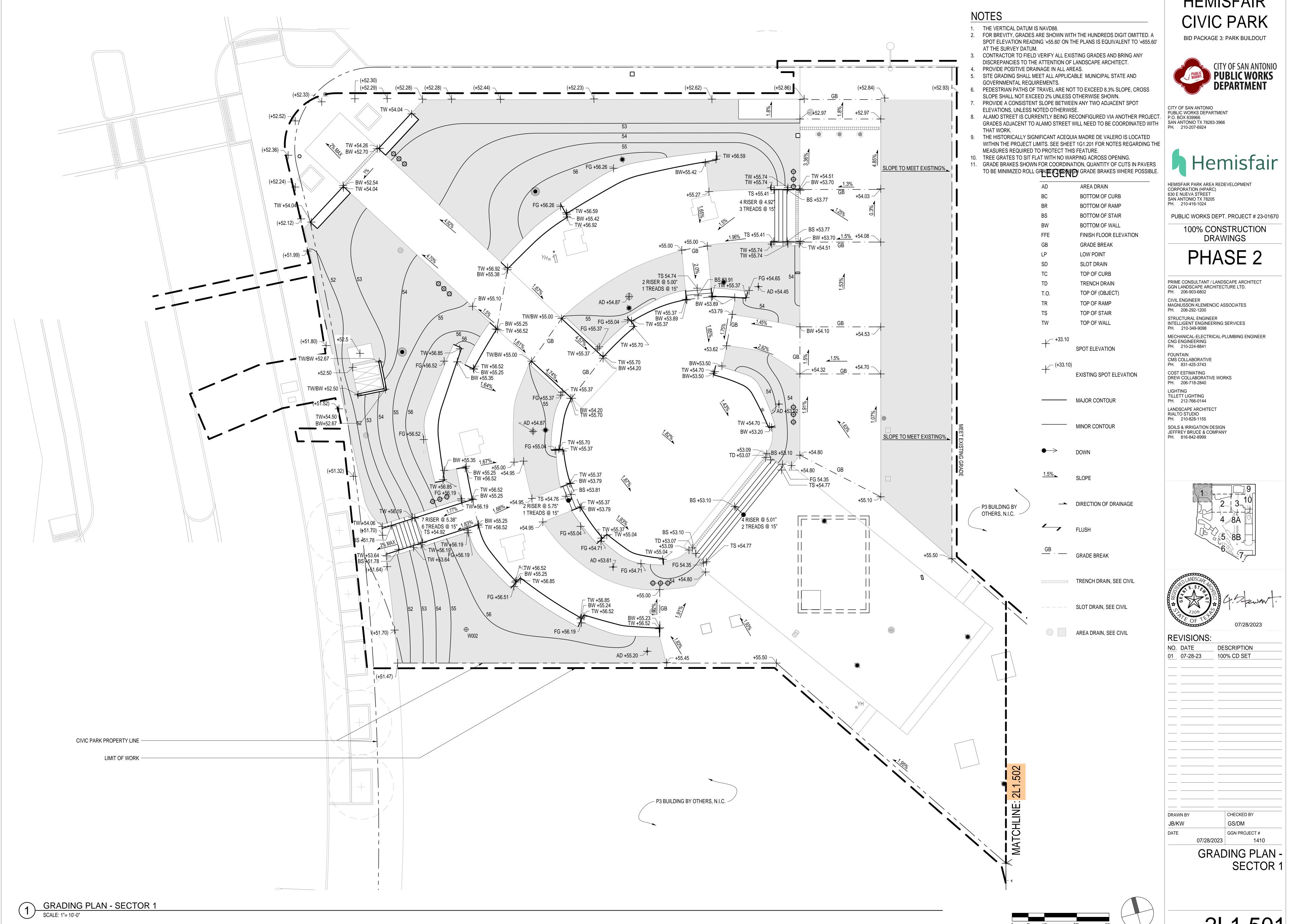


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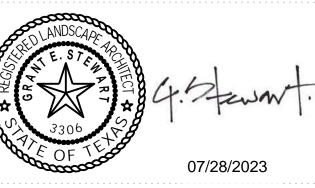
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MASONRY PLAN -SECTOR 3

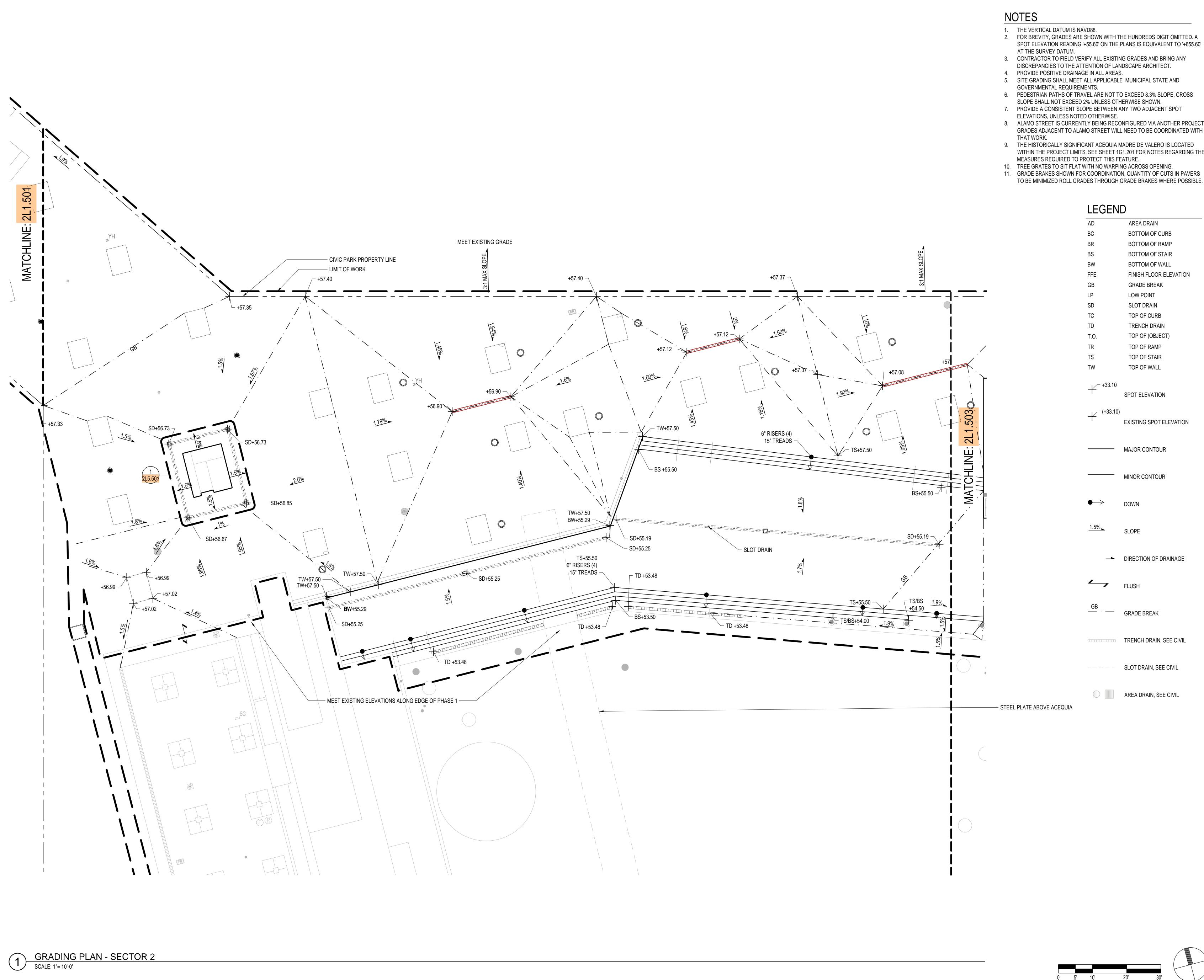


HEMISFAIR





2L1.501



- 1. THE VERTICAL DATUM IS NAVD88.
- 2. FOR BREVITY, GRADES ARE SHOWN WITH THE HUNDREDS DIGIT OMITTED. A SPOT ELEVATION READING '+55.60' ON THE PLANS IS EQUIVALENT TO '+655.60'
- 3. CONTRACTOR TO FIELD VERIFY ALL EXISTING GRADES AND BRING ANY DISCREPANCIES TO THE ATTENTION OF LANDSCAPE ARCHITECT.
- 4. PROVIDE POSITIVE DRAINAGE IN ALL AREAS. 5. SITE GRADING SHALL MEET ALL APPLICABLE MUNICIPAL STATE AND
- 6. PEDESTRIAN PATHS OF TRAVEL ARE NOT TO EXCEED 8.3% SLOPE, CROSS SLOPE SHALL NOT EXCEED 2% UNLESS OTHERWISE SHOWN.
- 7. PROVIDE A CONSISTENT SLOPE BETWEEN ANY TWO ADJACENT SPOT ELEVATIONS, UNLESS NOTED OTHERWISE.
- 8. ALAMO STREET IS CURRENTLY BEING RECONFIGURED VIA ANOTHER PROJECT. GRADES ADJACENT TO ALAMO STREET WILL NEED TO BE COORDINATED WITH
- 9. THE HISTORICALLY SIGNIFICANT ACEQUIA MADRE DE VALERO IS LOCATED WITHIN THE PROJECT LIMITS. SEE SHEET 1G1.201 FOR NOTES REGARDING THE
- MEASURES REQUIRED TO PROTECT THIS FEATURE. 10. TREE GRATES TO SIT FLAT WITH NO WARPING ACROSS OPENING. 11. GRADE BRAKES SHOWN FOR COORDINATION, QUANTITY OF CUTS IN PAVERS

LEGENI)
AD	AREA DRAIN
BC	BOTTOM OF CURB
BR	BOTTOM OF RAMP
BS	BOTTOM OF STAIR
BW	BOTTOM OF WALL
FFE	FINISH FLOOR ELEVATION
GB	GRADE BREAK
LP	LOW POINT
SD	SLOT DRAIN
TC	TOP OF CURB
TD	TRENCH DRAIN
T.O.	TOP OF (OBJECT)
TR	TOP OF RAMP
TS	TOP OF STAIR
TW	TOP OF WALL
+33.10	SPOT ELEVATION
(+33.10)	EXISTING SPOT ELEVATION
	MAJOR CONTOUR
	MINOR CONTOUR
$ \bullet \!$	DOWN
1.5%	SLOPE
	DIRECTION OF DRAINAGE
	FLUSH
<u>GB</u>	GRADE BREAK

TRENCH DRAIN, SEE CIVIL

AREA DRAIN, SEE CIVIL

SLOT DRAIN, SEE CIVIL

HEMISFAIR CIVIC PARK BID PACKAGE 3: PARK BUILDOUT



CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT P.O. BOX 839966 SAN ANTONIO TX 78283-3966 PH. 210-207-6924



HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

PUBLIC WORKS DEPT. PROJECT # 23-01670 100% CONSTRUCTION **DRAWINGS**

PHASE 2

PRIME CONSULTANT / LANDSCAPE ARCHITECT GGN LANDSCAPE ARCHITECTURE LTD. PH. 206-903-6802

CIVIL ENGINEER MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200 STRUCTURAL ENGINEER
INTELLIGENT ENGINEERING SERVICES

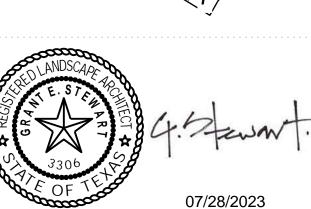
PH. 210-349-9098 MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841

FOUNTAIN CMS COLLABORATIVE PH. 831-425-3743 COST ESTIMATING

DREW COLLABORATIVE WORKS

LIGHTING TILLETT LIGHTING PH. 212-766-0144

LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155 SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999



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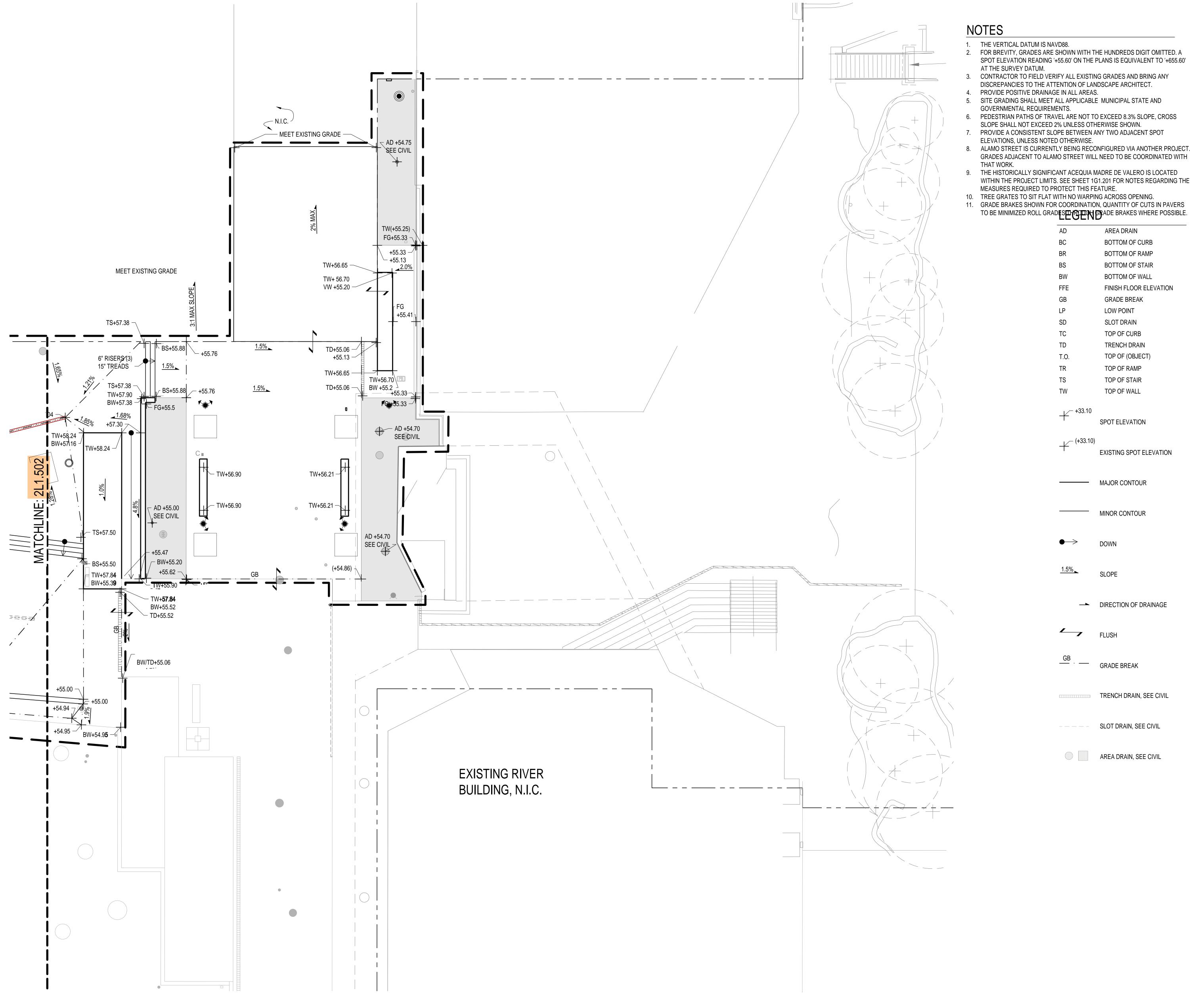
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GRADING PLAN -SECTOR 2

2L1.502



NOTES

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 - 2. FOR BREVITY, GRADES ARE SHOWN WITH THE HUNDREDS DIGIT OMITTED. A SPOT ELEVATION READING '+55.60' ON THE PLANS IS EQUIVALENT TO '+655.60' AT THE SURVEY DATUM.
 - 3. CONTRACTOR TO FIELD VERIFY ALL EXISTING GRADES AND BRING ANY DISCREPANCIES TO THE ATTENTION OF LANDSCAPE ARCHITECT. 4. PROVIDE POSITIVE DRAINAGE IN ALL AREAS.
 - 5. SITE GRADING SHALL MEET ALL APPLICABLE MUNICIPAL STATE AND GOVERNMENTAL REQUIREMENTS.
 - 6. PEDESTRIAN PATHS OF TRAVEL ARE NOT TO EXCEED 8.3% SLOPE, CROSS SLOPE SHALL NOT EXCEED 2% UNLESS OTHERWISE SHOWN. 7. PROVIDE A CONSISTENT SLOPE BETWEEN ANY TWO ADJACENT SPOT ELEVATIONS, UNLESS NOTED OTHERWISE.
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 - MEASURES REQUIRED TO PROTECT THIS FEATURE. 10. TREE GRATES TO SIT FLAT WITH NO WARPING ACROSS OPENING. 11. GRADE BRAKES SHOWN FOR COORDINATION, QUANTITY OF CUTS IN PAVERS

С	BOTTOM OF CURB	630 E NUEVA SAN ANTONIO
R	BOTTOM OF RAMP	PH. 210-416
S	BOTTOM OF STAIR	PUBLIC W
W	BOTTOM OF WALL	100
FE	FINISH FLOOR ELEVATION	100
В	GRADE BREAK	
D	LOW POINT	
D	SLOT DRAIN	
С	TOP OF CURB	
D	TRENCH DRAIN	PRIME CONSI
.O.	TOP OF (OBJECT)	PH. 206-903

TOP OF RAMP TOP OF STAIR TOP OF WALL

AREA DRAIN

EXISTING SPOT ELEVATION

MINOR CONTOUR

SPOT ELEVATION

——— MAJOR CONTOUR

 $\quad \quad \bullet \longrightarrow \quad \quad$ DOWN

DIRECTION OF DRAINAGE

SLOPE

TRENCH DRAIN, SEE CIVIL

SLOT DRAIN, SEE CIVIL

AREA DRAIN, SEE CIVIL

HEMISFAIR CIVIC PARK BID PACKAGE 3: PARK BUILDOUT



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HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) /A STREET NIO TX 78205 16-1024

> WORKS DEPT. PROJECT # 23-01670 00% CONSTRUCTION

DRAWINGS PHASE 2

SULTANT / LANDSCAPE ARCHITECT SCAPE ARCHITECTURE LTD.

CIVIL ENGINEER MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200 STRUCTURAL ENGINEER
INTELLIGENT ENGINEERING SERVICES PH. 210-349-9098

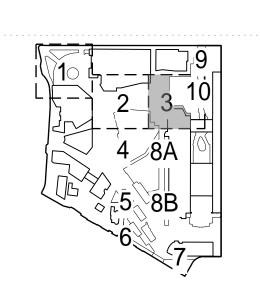
MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841 FOUNTAIN

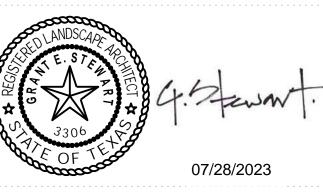
CMS COLLABORATIVE PH. 831-425-3743 COST ESTIMATING

DREW COLLABORATIVE WORKS

LIGHTING TILLETT LIGHTING PH. 212-766-0144

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GRADING PLAN -SECTOR 3

PHASE 2 TREE SCHEDULE

TREES	CODE	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY	REMARKS
	PAR DES	PARKINSONIA X `DESERT MUSEUM`	DESERT MUSEUM PALO VERDE	6" CAL	PER PLAN	4	MULTI-TRUNK, BRANCHING TO ROOT BALL, FULL, SYMMETRICAL
	PLA AL2	PLATANUS MEXICANA `ALAMO` TM	MEXICAN SYCAMORE	50" BOX	PER PLAN	13	FULL CANOPY, SYMMETRICAL GROWTH
	QUE MON	QUERCUS POLYMORPHA 'MONTERREY'	MONTERREY OAK	50" BOX	PER PLAN	14	FULL CANOPY, SYMMETRICAL GROWTH, 8' CLEAR TRUNK
	QUE VIR	QUERCUS VIRGINIANA	SOUTHERN LIVE OAK	60" BOX	PER PLAN	19	FULL CANOPY, SYMMETRICAL GROWTH, 8' CLEAR TRUNK
	SOP SEC	SOPHORA SECUNDIFLORA	TEXAS MOUNTAIN LAUREL	10' HGT.	PER PLAN	4	MULTI-TRUNK, BRANCHING TO ROOT BALL, FULL, SYMMETRICAL
	ULM CRA	ULMUS CRASSIFOLIA	CEDAR ELM	42" BOX	PER PLAN	5	FULL CANOPY, SYMMETRICAL GROWTH, 8' CLEAR TRUNK

PHASE 2 SHRUB AND GROUNDCOVER SCHEDULE

SHRUBS	BOTANICAL NAME	COMMON NAME	SIZE	QTY
+	AGERATINA HAVANENSIS	SHRUBBY BONESET	#5 CONT.	67
	AMYRIS TEXANA	TEXAS TORCHWOOD	#5 CONT.	5
$\overline{\bullet}$	ANISACANTHUS QUADRIFIDUS WRIGHTII `MEXICAN FIRE` TM	WRIGHT`S DESERT HONEY	#5 CONT.	25
••	BAUHINIA LUNARIOIDES	ANACACHO ORCHID TREE	5` HT.	27
••	DASYLIRION TEXANUM	TEXAS SOTOL	#5 CONT.	9
₹•}	ILEX VOMITORIA `NANA`	DWARF YAUPON	#5 CONT.	392
(JUSTICIA SPICIGERA	MEXICAN HONEYSUCKLE	#5 CONT.	65
\bigcirc	LEUCOPHYLLUM LANGMANIAE `RIO BRAVO`	COMPACT TEXAS RANGER	#5 CONT.	45
	LEUCOPHYLLUM ZYGOPHYLLUM 'CIMARRON'	CIMARRON BLUE RANGER	3 GAL.	32
	MYRICA CERIFERA 'DON'S DWARF'	DON'S DWARF WAX MYRTLE	3 GAL.	127
	PITTOSPORUM TOBIRA `WHEELER`S DWARF`	DWARF PITTOSPORUM	#5 CONT.	247
•	RHUS AROMATICA `GRO-LOW`	GRO-LOW FRAGRANT SUMAC	#5 CONT.	37
•	RHUS VIRENS	EVERGREEN SUMAC	#15	26
**************************************	SABAL MINOR	DWARF PALMETTO	#5 CONT.	17
GRASSES	BOTANICAL NAME	COMMON NAME	SIZE	QTY
\oplus	BOUTELOUA CURTIPENDULA	SIDEOATS GRAMA	#2 CONT.	210
•	BOUTELOUA GRACILIS 'BLONDE AMBITION'	BLONDE AMBITION BLUE GRAMA	#2 CONT.	962
٨	CAREX TEXENSIS	TEXAS SEDGE	#2 CONT.	428
Similar Signature	MUHLENBERGIA REVERCHONI `UNDAUNTED`	UNDAUNTED MUHLY	#2 CONT.	61
\odot	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM	#2 CONT.	137
PERENNIALS	BOTANICAL NAME	COMMON NAME	SIZE	QTY
\odot	ARTEMESIA LUDOVICIANA `SILVER KING`	WHITE SAGEBUSH	#2 CONT.	70
*	CALLIRHOE INVOLUCRATA	PURPLE POPPYMALLOW	#2 CONT.	84
•	ERYNGIUM YUCCIFOLIUM	RATTLESNAKE MASTER	#2 CONT.	47
0	LANTANA MONTEVIDENSIS `ALBA`	WHITE TRAILING LANTANA	#2 CONT.	9
	LANTANA MONTEVIDENSIS `PURPLE`	TRAILING LANTANA	#2 CONT.	10
\odot	MALVAVISCUS ARBOREUS	GIANT TURK`S CAP	#2 CONT.	52
	RUSSELIA EQUISETIFORMIS `RED`	FIRECRACKER PLANT	#5 CONT.	44
SOD/SEED	BOTANICAL NAME	COMMON NAME	SIZE	
	SEED MIX 1	POLLINATOR MIX	1LB PER 2000	2,985 SF
	- SEED WIIX I		SQ FT	SF

LANDSCAPE NOTES

1. SEE SHEETS 2L1.007-2L1.008 FOR TREE PROTECTION PLAN FOR EXISTING TREES (CITY OF SAN ANTONIO A/P# AI2295685).

2. MAINTAIN A 1' CLEAR AREA AT THE BASE OF EACH TREE TO ALLOW OXYGEN EXCHANGE. INSTALL NATIVE BARK MULCH WHERE NOTED. IT SHALL BE DOUBLE SHREDDED HARDWOOD AND INSTALLED TO A DEPTH OF 4" AS COMPLIANT WITH COSA STANDARDS.

3. FOR PLANTING SOILS, SEE SOIL IMPROVEMENT PLAN, SHEET 2L1.710.

4. ASSUME TRIANGULAR SPACING FOR ALL PLANTING AREAS WHEN INDIVIDUAL PLANTS ARE NOT SHOWN.

5. ALL QUANTITIES SHOWN ON PLANS TO BE VERIFIED BY LANDSCAPE CONTRACTOR. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL LABELED PLANT MATERIAL ON PLANS (NOT TABULATION).

6. STAKE EXTENTS OF BEDLINES IN FIELD PRIOR TO PLANTING.

7. LANDSCAPE ARCHITECT TO REVIEW ALL PLANT LAYOUTS IN FIELD PRIOR TO PLANTING.

8. ALL PLANTS MUST COMPLY WITH THE AMERICAN STANDARDS FOR NURSERY STOCK, BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. AND MEET OR EXCEED HEIGHT AND SPREAD REQUIREMENTS LISTED ON THE PLANT SCHEDULE.

9. LANDSCAPE CONTRACTOR SHALL MAINTAIN ALL TREES, SHRUBS, AND GROUNDCOVER IN A HEALTHY STATE UNDER THE CONTRACT UNTIL FINAL ACCEPTANCE BY THE OWNER.

10. LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF ANY QUESTIONS REGARDING APPLICATION OF PROPOSED PLANT MATERIAL PRIOR TO INSTALLATION.

11. MODIFY EXISTING IRRIGATION TO ACCOMMODATE NEW PLANT AND HARDSCAPE LAYOUT.

12. SEE SHEET 2L5.610 FOR PLANTING DETAILS.

13. THE HISTORICALLY SIGNIFICANT ACEQUIA MADRE DE VALERO IS LOCATED WITHIN THE PROJECT LIMITS. SEE SHEET 1G1.201 FOR NOTES REGARDING THE MEASURES REQUIRED TO PROTECT THIS FEATURE.

HEMISFAIR
CIVIC PARK
BID PACKAGE 3: PARK BUILDOUT



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PUBLIC WORKS DEPT. PROJECT # 23-01670

100% CONSTRUCTION
DRAWINGS

PHASE 2

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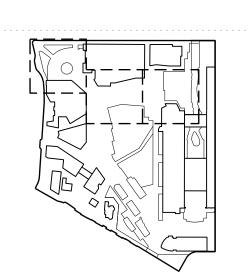
PH. 210-349-9098

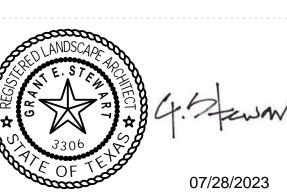
COST ESTIMATING DREW COLLABORATIVE WORKS PH. 206-718-2840

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TILLETT LIGHTING
PH. 212-766-0144

LANDSCAPE ARCHITECT
RIALTO STUDIO
PH. 210-828-1155

SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999





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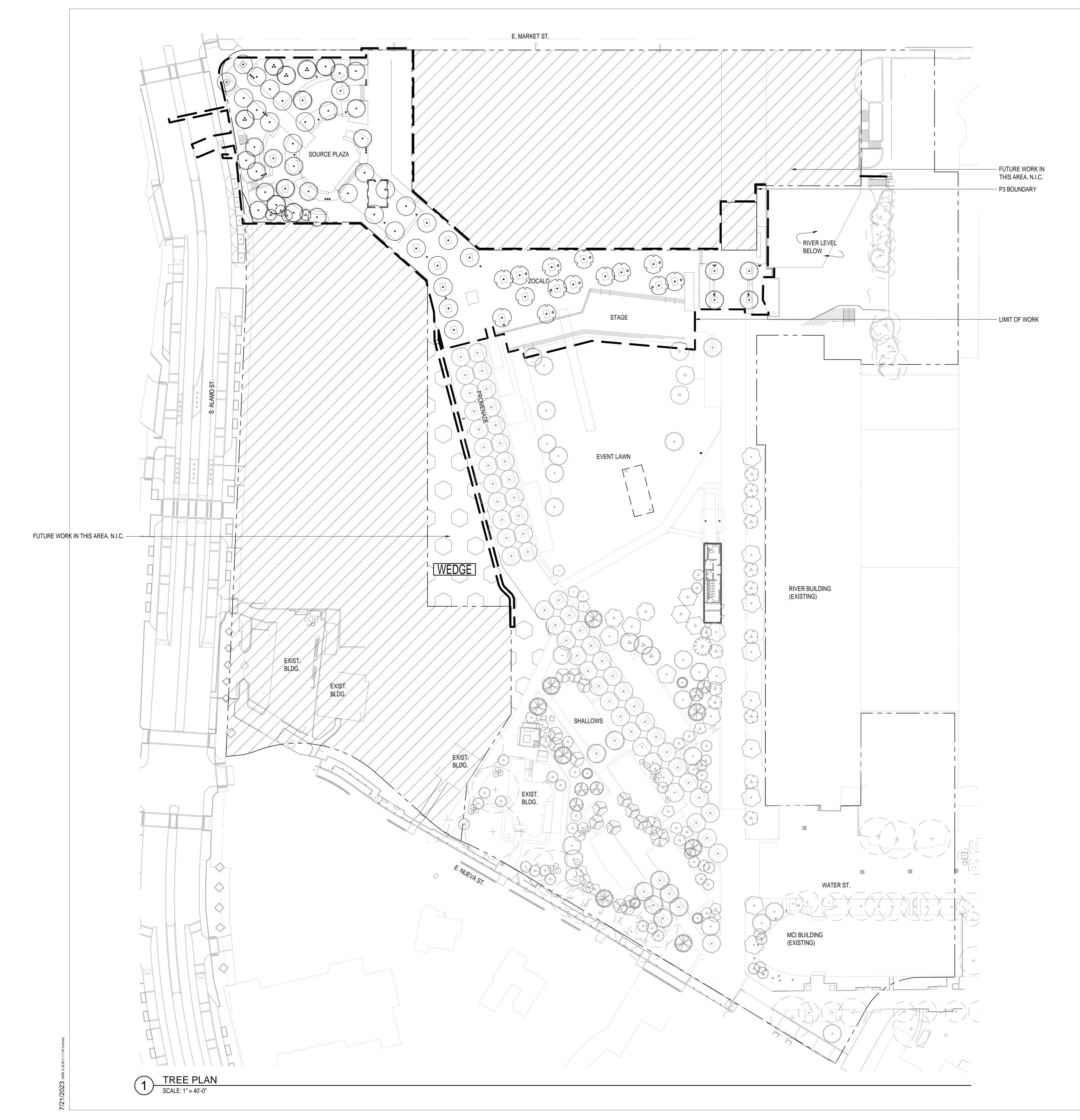
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GGN PROJECT #

07/28/2023

PLANTING NOTES AND SCHEDULES

2L1.600



NOTES

1. SEE SHEET L1.600 FOR PLANTING NOTES AND SCHEDULES.

TREE LEGEND

BOTANICAL / COMMON NAME

PARKINSONIA X `DESERT MUSEUM` DESERT MUSEUM PALO VERDE

PLATANUS MEXICANA `ALAMO` TM MEXICAN SYCAMORE

QUERCUS POLYMORPHA `MONTERREY` MONTERREY OAK

QUERCUS VIRGINIANA SOUTHERN LIVE OAK

SOPHORA SECUNDRIFLORA TEXAS MOUNTAIN LAUREL

ULMUS CRASSIFOLIA CEDAR ELM

HEMISFAIR CIVIC PARK

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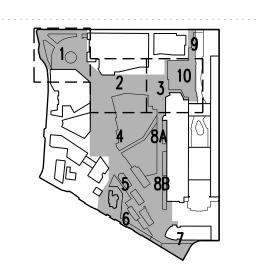
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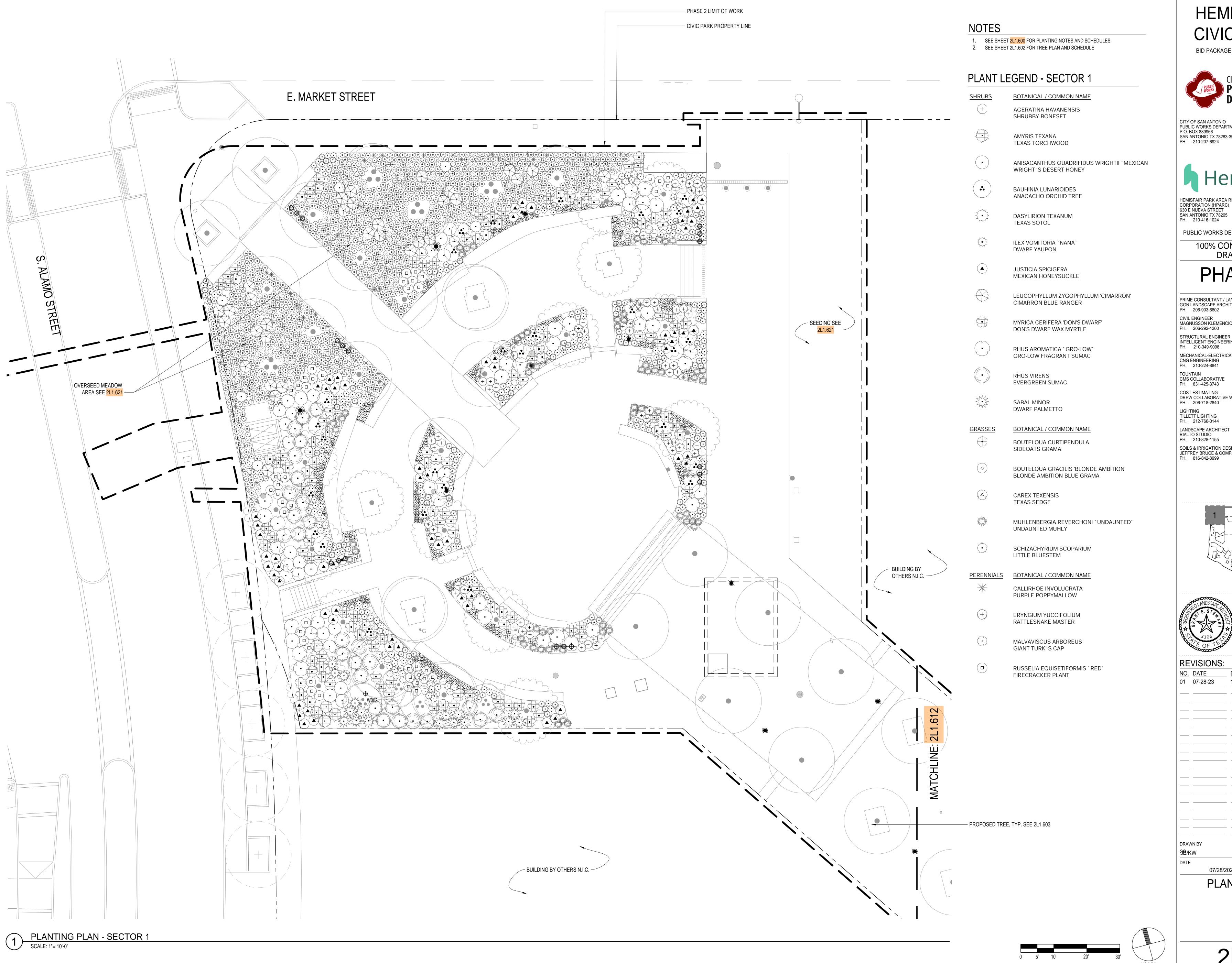
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TREE PLAN





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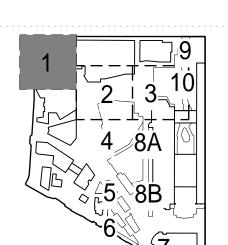
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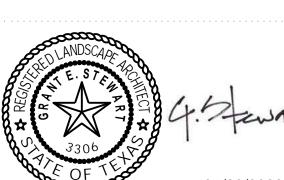
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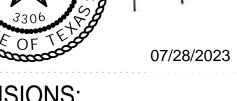
DREW COLLABORATIVE WORKS PH. 206-718-2840

LIGHTING TILLETT LIGHTING PH. 212-766-0144

SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999







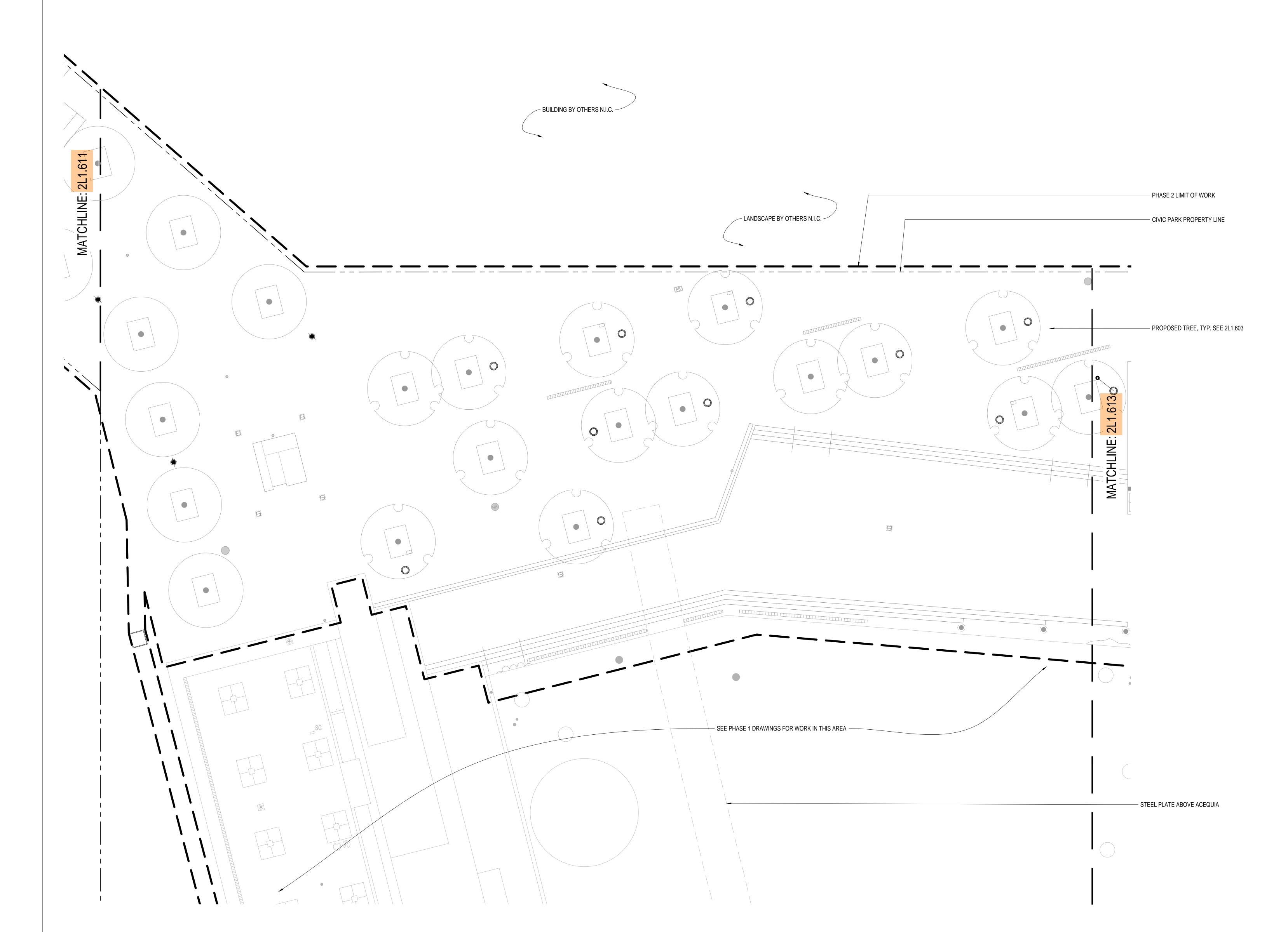
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07/28/2023 PLANTING PLAN -SECTOR 1

NOTES

SEE SHEET 2L1.600 FOR PLANTING NOTES AND SCHEDULES.
 SEE SHEET 2L1.602 FOR TREE PLAN AND SCHEDULE.







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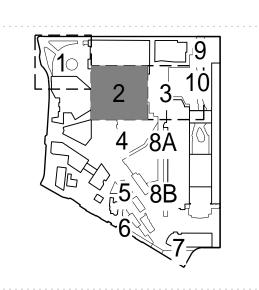
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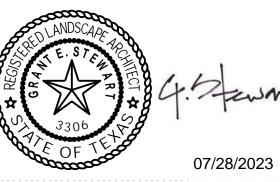
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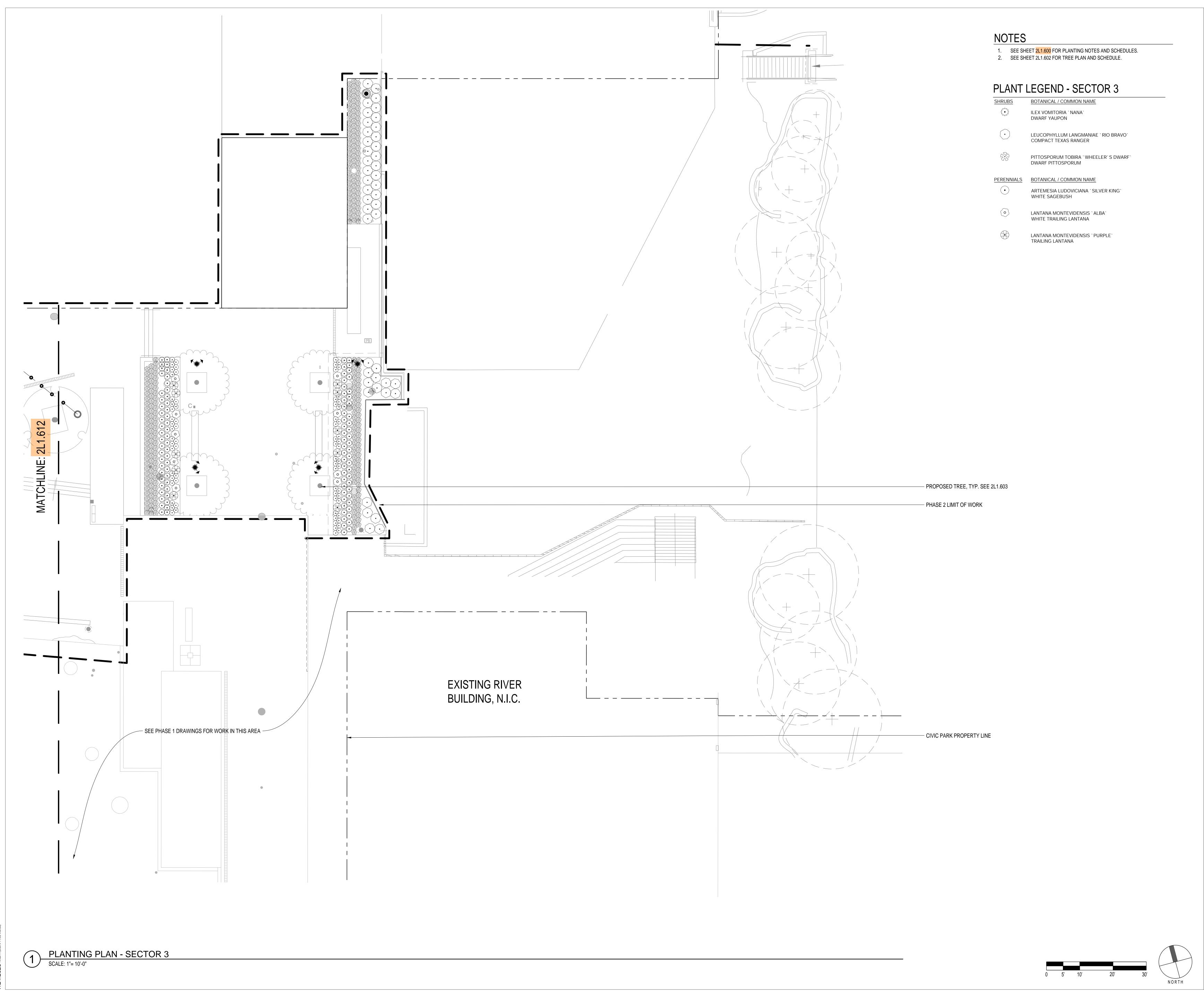


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PLANTING PLAN -SECTOR 2



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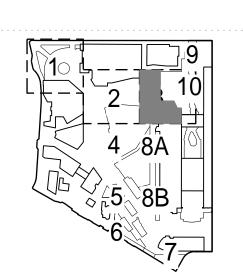
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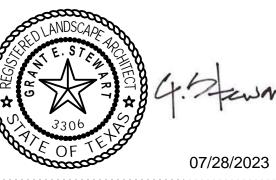
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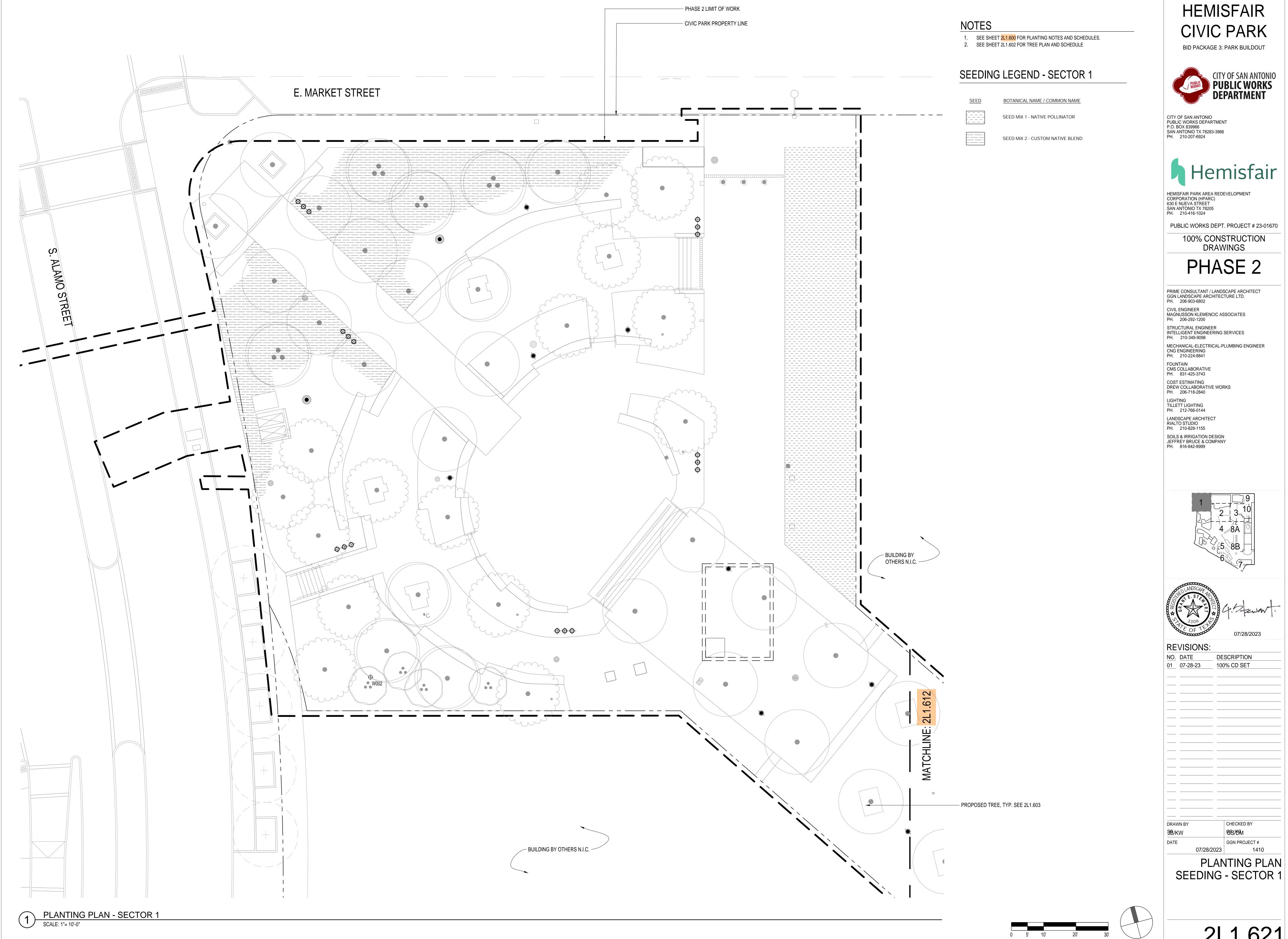
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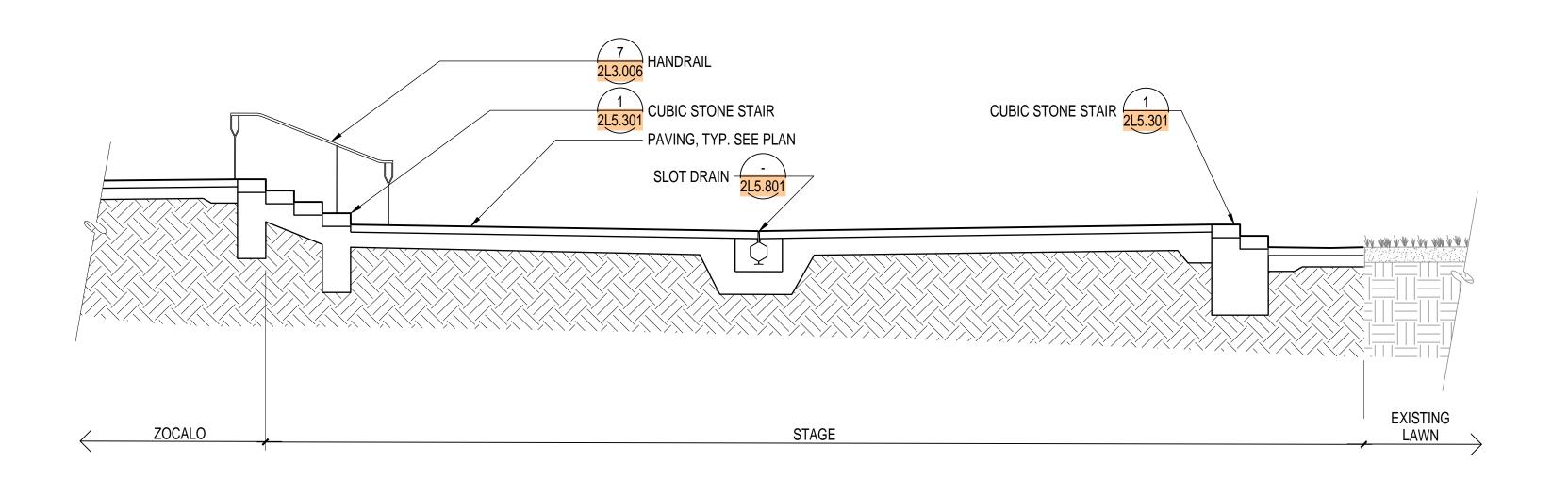
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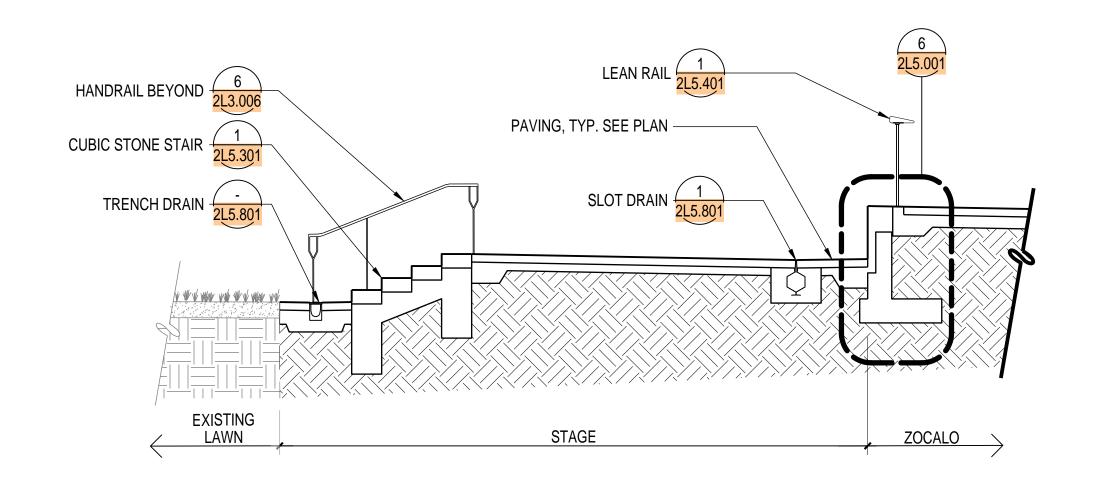
PLANTING PLAN -SECTOR 3

2L1.613



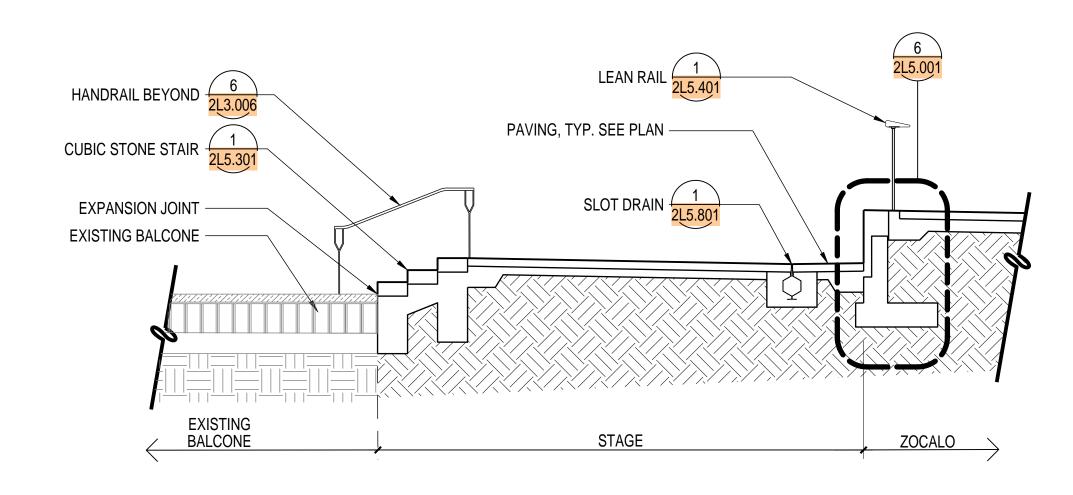
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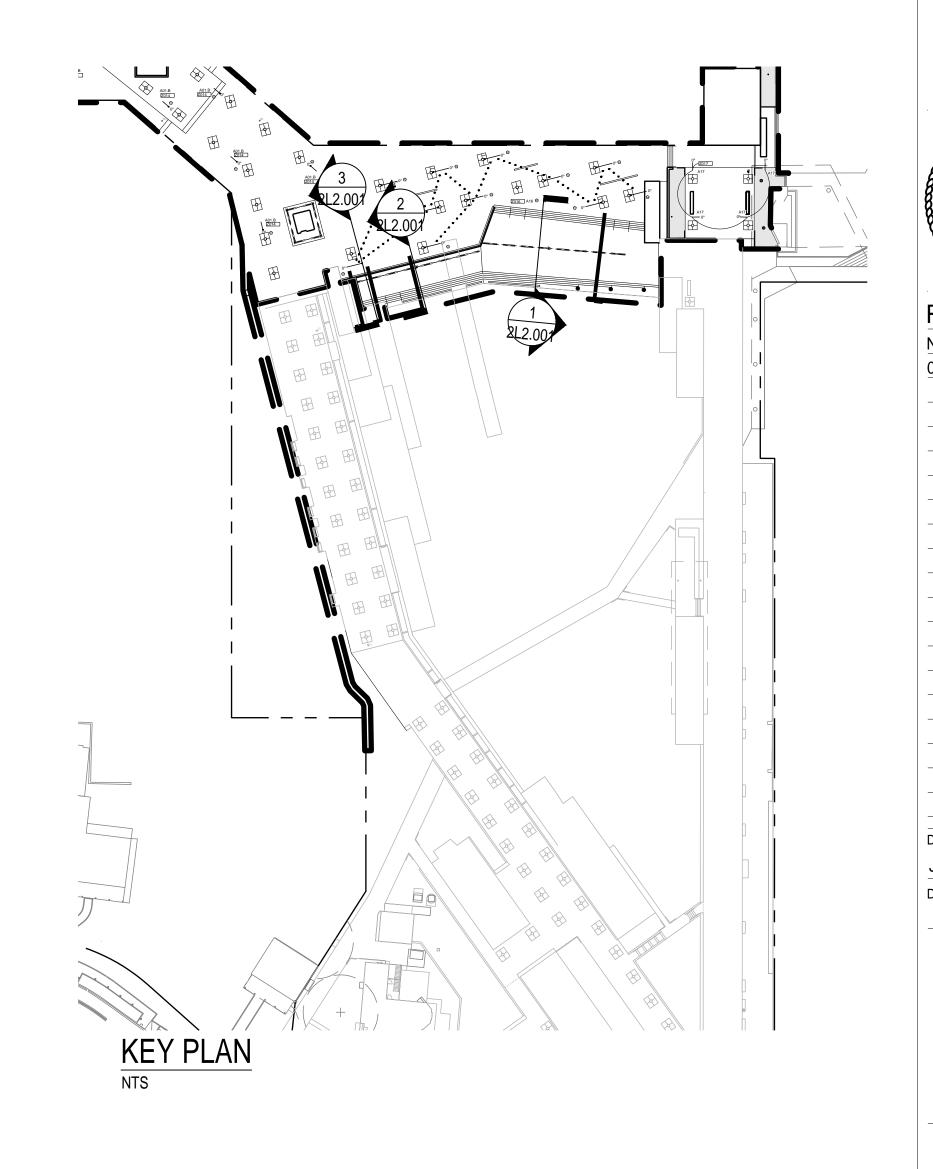
SECTION: NORTH-SOUTH STAGE TO LAWN LOOKING EAST

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



3 SECTION: STAGE AT EXISTING BALCONE SCALE: 1/4" = 1'-0"

SECTION: NORTH-SOUTH LAWN TO ZOCALO LOOKING EAST SCALE: 1/4" = 1'-0"



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FOUNTAIN CMS COLLABORATIVE PH. 831-425-3743

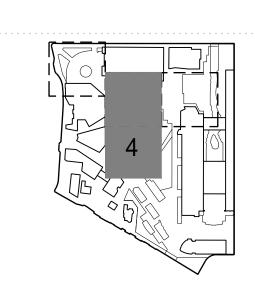
COST ESTIMATING
DREW COLLABORATIVE WORKS
PH. 206-718-2840

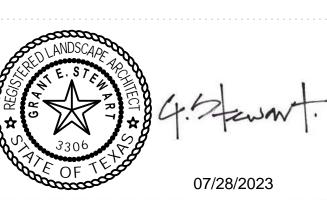
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TILLETT LIGHTING
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LANDSCAPE ARCHITECT
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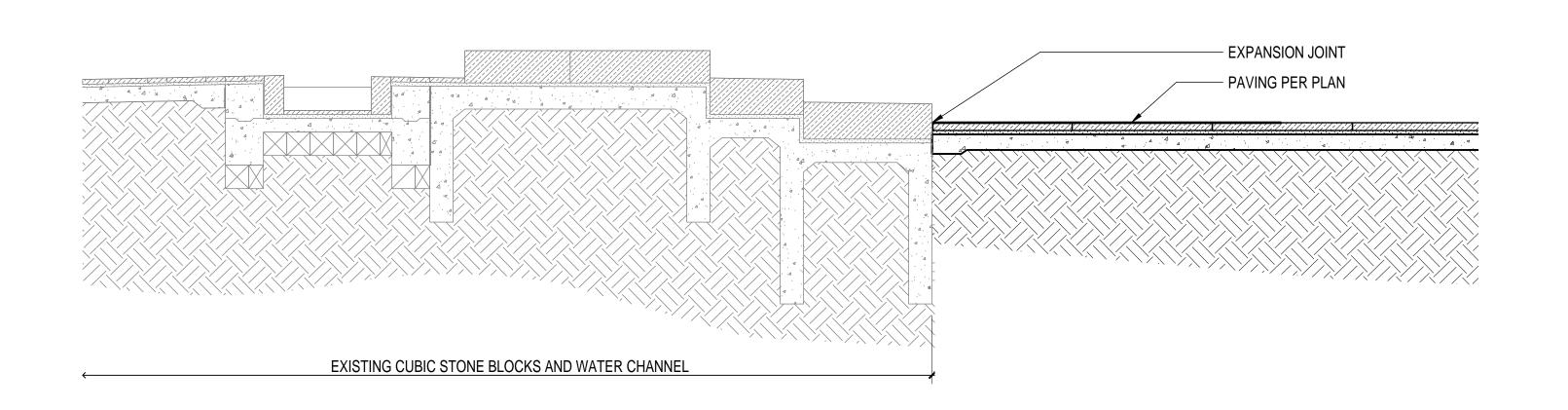
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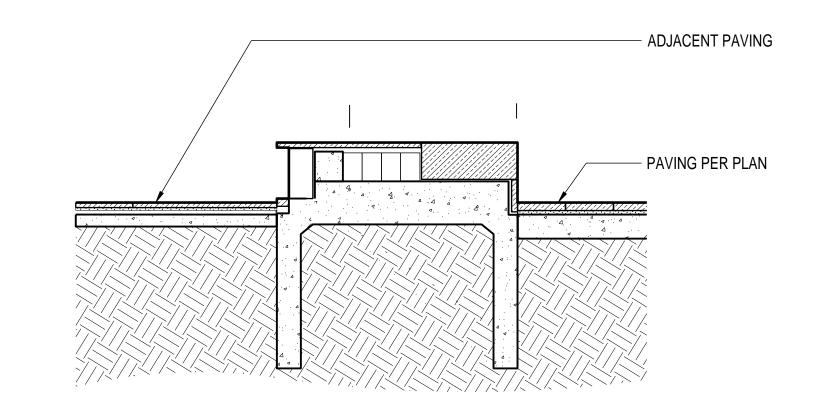
GGN PROJECT #

07/28/2023 1410

SECTIONS -LAWN

2L2.001

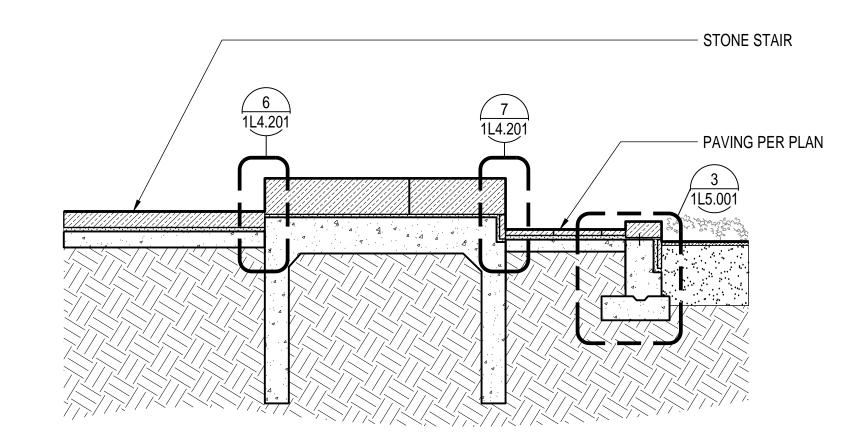




SECTION: BALCONES AT STAGE

SECTION: BALCONES AT STAGE ACCESS

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



PAVING PER PLAN

PAVING PER PLAN

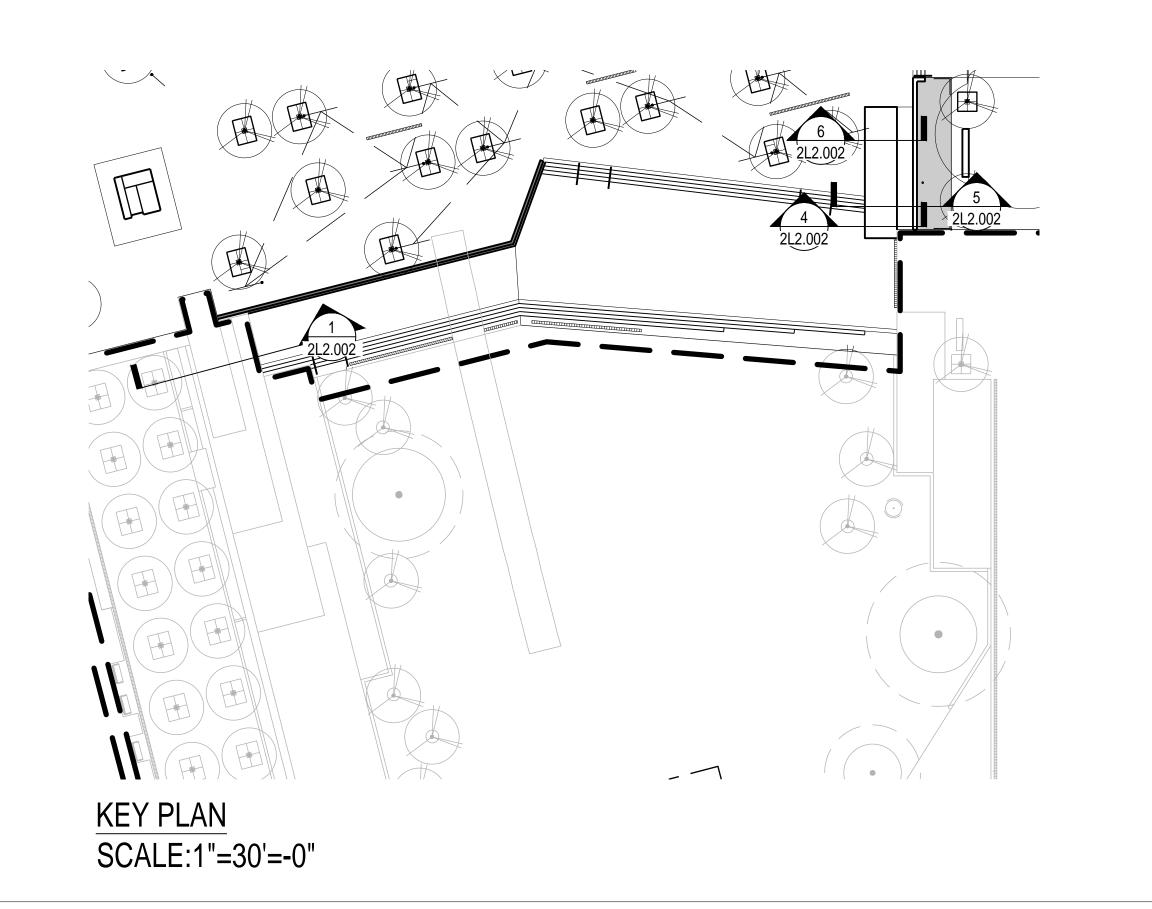
115.001

SECTION: BALCONES AT CUBIC STONE STAIR, RAMP

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

6 SECTION: BALCONES AT ZOCALO, RAMP

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



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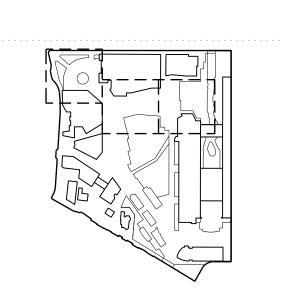
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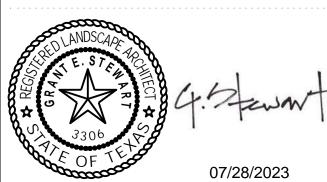
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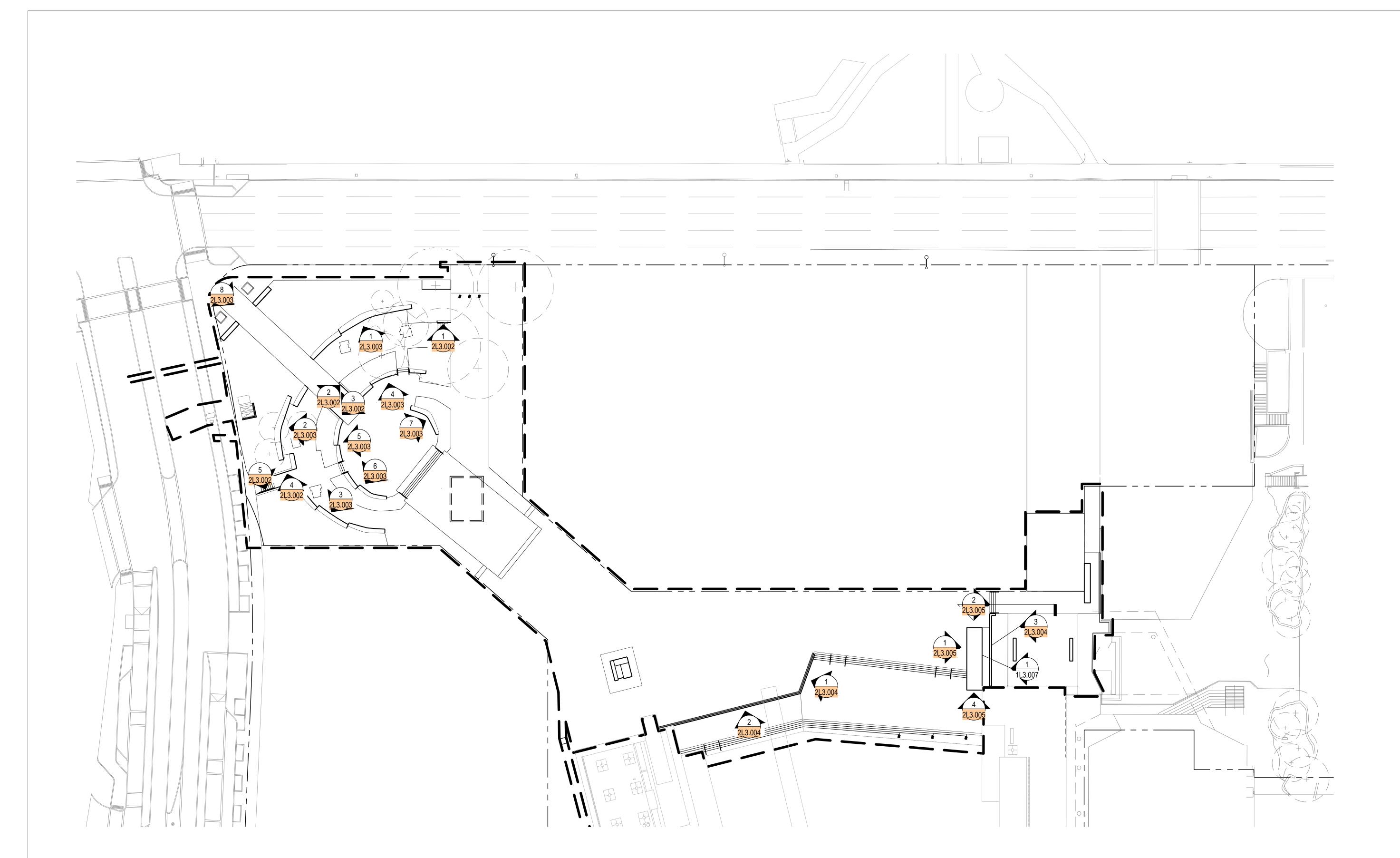
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DATE

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o7/28/2023 1410 SECTIONS - BALCONES

2L2.002







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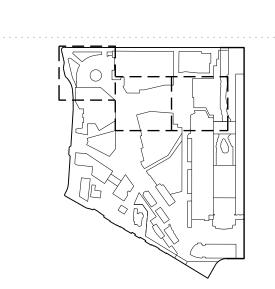
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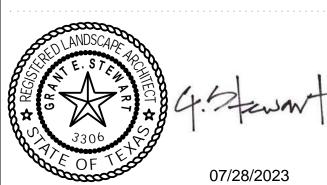
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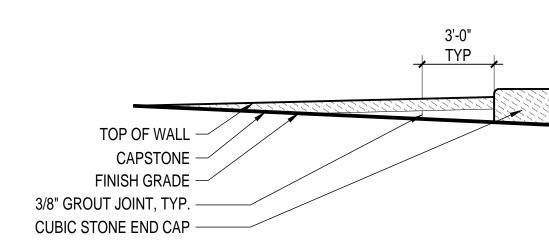
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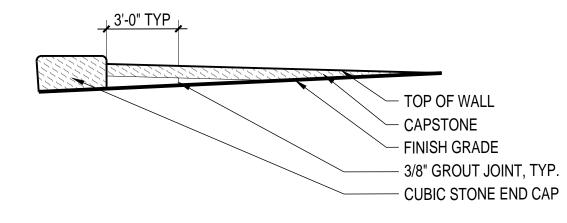
WALL ELEVATION KEY PLAN - NORTH

15' 30' 60' 90'

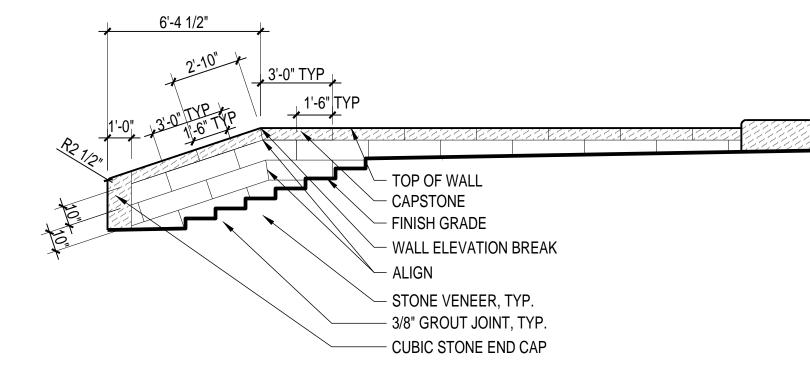
ELEVATION: FIRE LANE CHEEK WALL LOOKING NORTH SCALE: 1/4" = 1'-0"



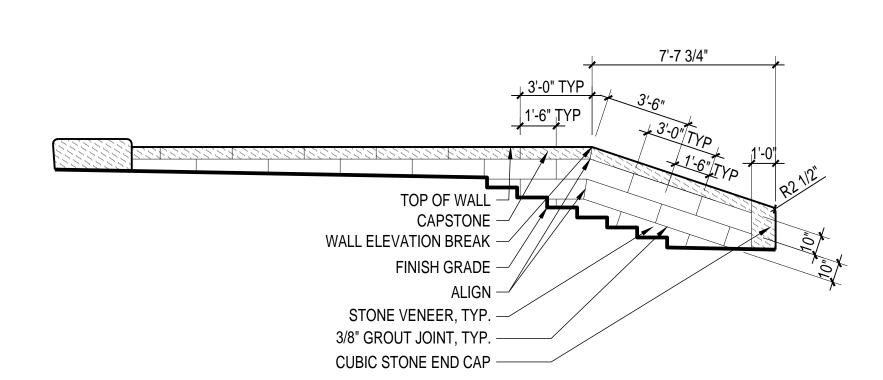
ELEVATION: CENTRAL CHEEK WALL LOOKING EAST SCALE: 1/4" = 1'-0"



ELEVATION: CENTRAL CHEEK WALL LOOKING WEST 3 ELEVATION SCALE: 1/4" = 1'-0"



ELEVATION: ALAMO CHEEK WALL LOOKING NORTH



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

LEGEND



FOR ACTUAL HEIGHTS

1. ALL TOP OF WALL NOTATIONS ARE FOR REFERENCE ONLY, SEE GRADING PLAN

KEY PLAN - SOURCE PLAZA

SCALE: 1" = 20'-0"





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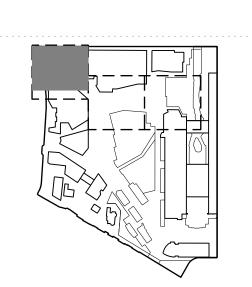
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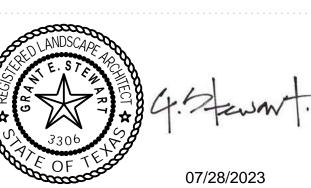
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LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155

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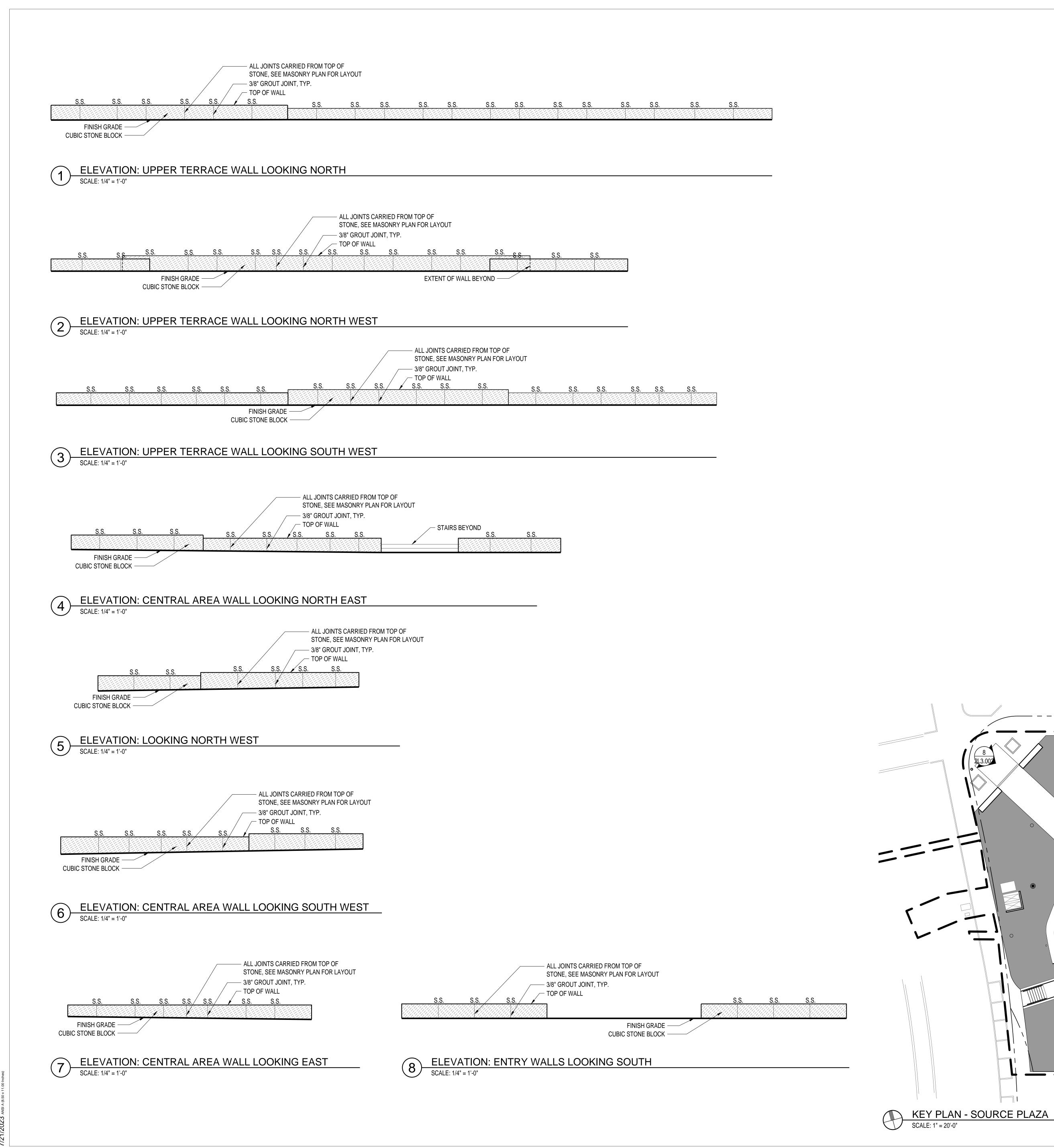
REVISIONS:

NO. DATE DESCRIPTION 01 07-28-23 100% CD SET

CHECKED BY DRAWN BY GGN PROJECT #

07/28/2023

WALL ELEVATIONS







1. SEE GRADING PLAN FOR ALL TOP AND BOTTOM OF WALL ELEVATIONS

1/4" CHAMFER ALL EXPOSED EDGES

3. SKATE STOPS LOCATED AT EVERY JOINT THAT IS LABELED S.S, SEE DETAIL FOR REFERENCE 2L5.003

.

4 2L3.003





CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT P.O. BOX 839966 SAN ANTONIO TX 78283-3966 PH. 210-207-6924



HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

PUBLIC WORKS DEPT. PROJECT # 23-01670 100% CONSTRUCTION **DRAWINGS**

PRIME CONSULTANT / LANDSCAPE ARCHITECT GGN LANDSCAPE ARCHITECTURE LTD. PH. 206-903-6802

CIVIL ENGINEER MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200

STRUCTURAL ENGINEER
INTELLIGENT ENGINEERING SERVICES PH. 210-349-9098

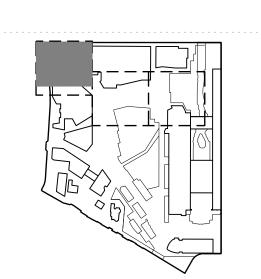
MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841 FOUNTAIN

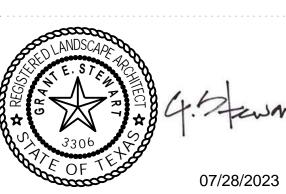
CMS COLLABORATIVE PH. 831-425-3743

COST ESTIMATING DREW COLLABORATIVE WORKS PH. 206-718-2840

LIGHTING TILLETT LIGHTING PH. 212-766-0144 LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155

SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999





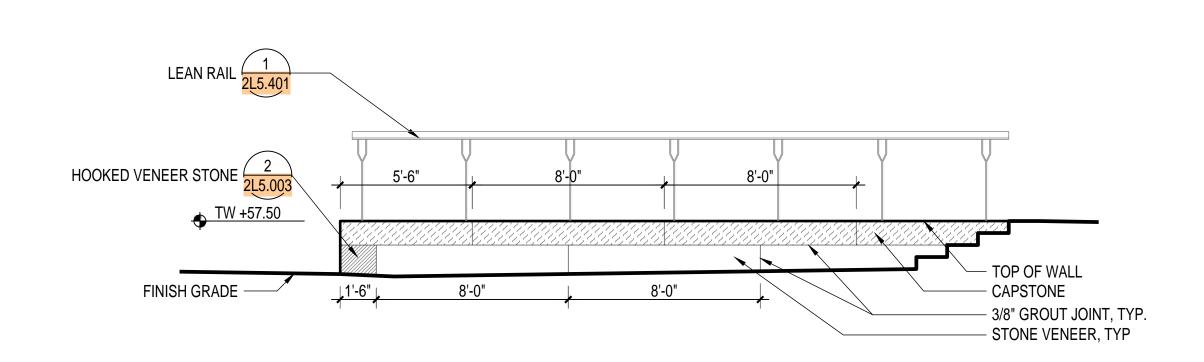
REVISIONS: NO. DATE

DESCRIPTION 01 07-28-23 100% CD SET

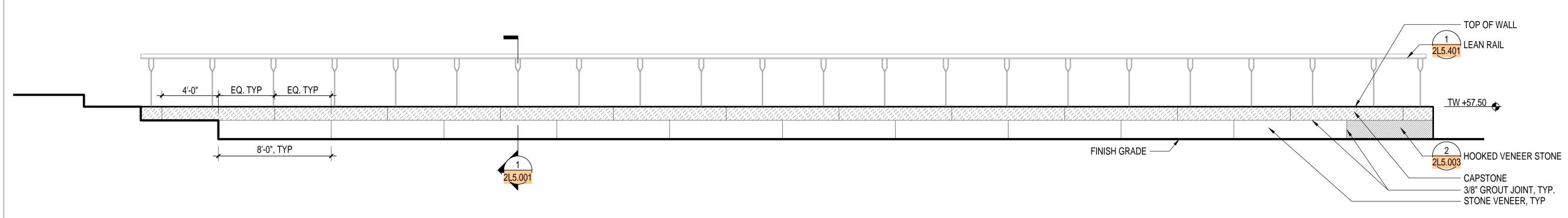
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> 07/28/2023 WALL ELEVATIONS

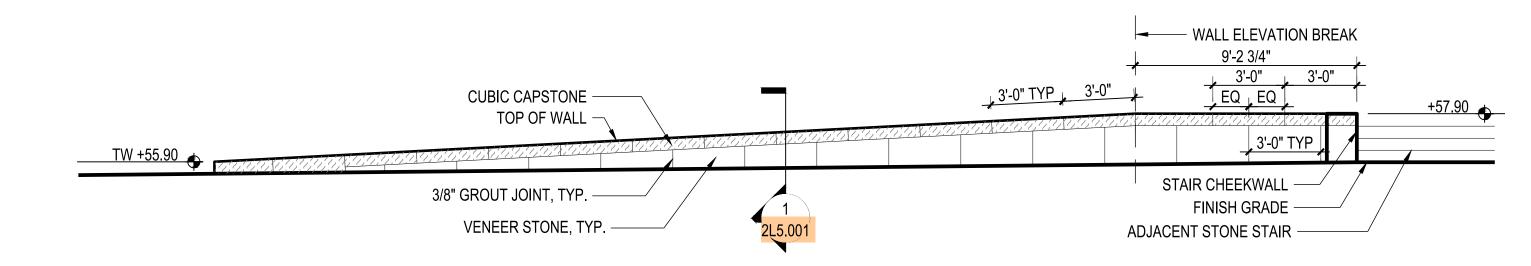
GGN PROJECT #



1 ELEV: ZOCALO WALL LOOKING WEST SCALE: 1/4" = 1'

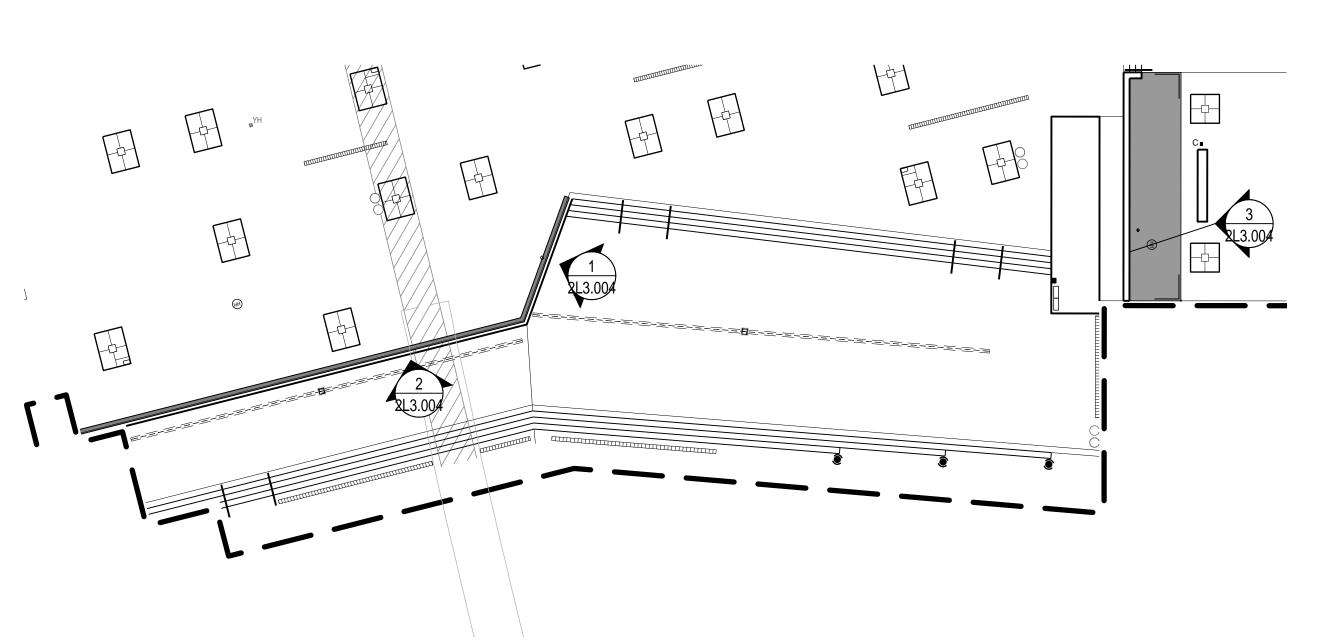


2 ELEV: ZOCALO WALL LOOKING NORTH
SCALE: 1/4" = 1'



3 ELEV: ZOCALO RAMP WALL LOOKING WEST

SCALE: 1/4" = 1'



KEY PLAN - ZOCALO/STAGE

SCALE: 1" = 20'-0"

LEGEND

CUBIC STONE

NOTES:

1. ALL TOP OF WALL NOTATIONS ARE FOR REFERENCE ONLY, SEE GRADING PLAN FOR ACTUAL HEIGHTS

HEMISFAIR
CIVIC PARK
BID PACKAGE 3: PARK BUILDOUT



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PUBLIC WORKS DEPT. PROJECT # 23-01670

100% CONSTRUCTION
DRAWINGS

PHASE 2

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MAGNUSSON KLEMENCIC ASSOCIATES
PH. 206-292-1200

STRUCTURAL ENGINEER INTELLIGENT ENGINEERING SERVICES PH. 210-349-9098

MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841

FOUNTAIN CMS COLLABORATIVE PH. 831-425-3743

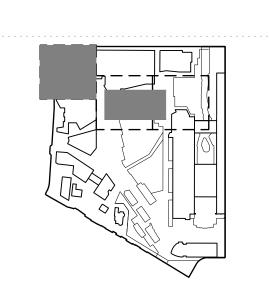
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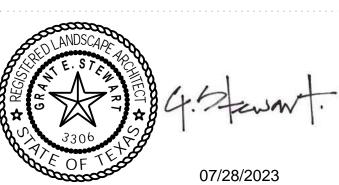
LIGHTING
TILLETT LIGHTING
PH. 212-766-0144

LANDSCAPE ARCHITECT
RIALTO STUDIO
PH. 210-828-1155

PH. 210-828-1155

SOILS & IRRIGATION DESIGN
JEFFREY BRUCE & COMPANY
PH. 816-842-8999





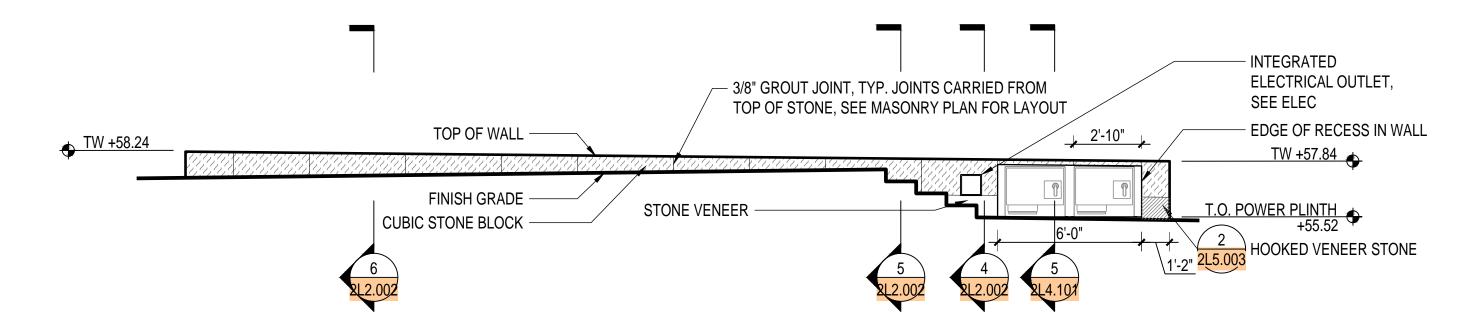
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NO. DATE DESCRIPTION
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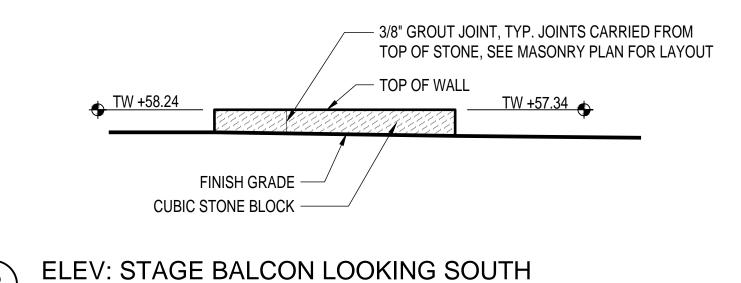
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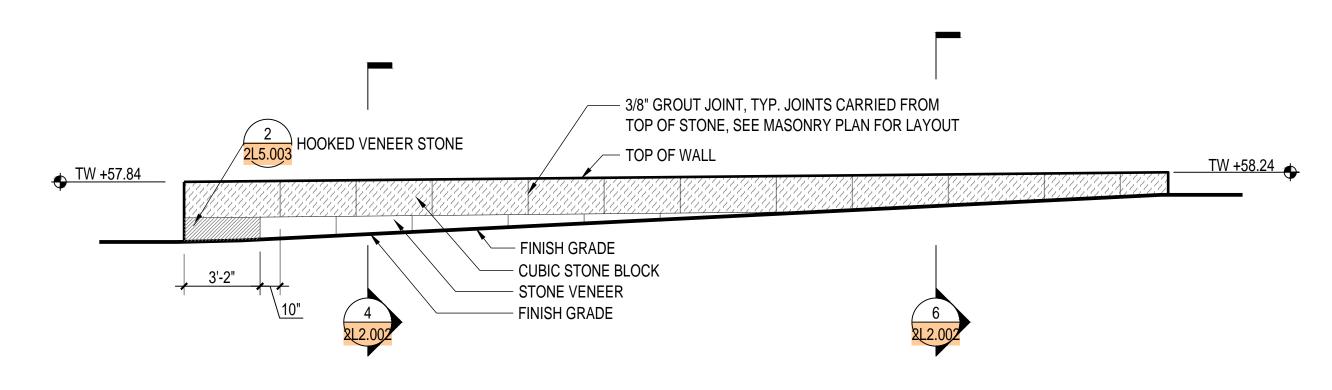
07/28/2023 1410
WALL ELEVATIONS

GGN PROJECT #



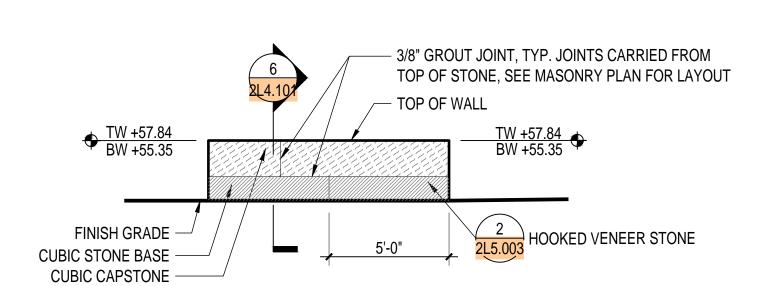
ELEV: STAGE BALCON LOOKING EAST SCALE: 1/4" = 1'-0"





ELEV: STAGE BALCON LOOKING WEST

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



ELEV: STAGE BALCON LOOKING NORTH

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

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



CUBIC STONE

1. ALL TOP OF WALL NOTATIONS ARE FOR REFERENCE ONLY, SEE GRADING PLAN FOR ACTUAL HEIGHTS





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PUBLIC WORKS DEPT. PROJECT # 23-01670 100% CONSTRUCTION **DRAWINGS**

PHASE 2

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CIVIL ENGINEER MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200

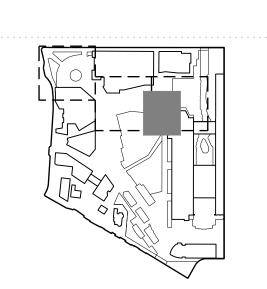
STRUCTURAL ENGINEER INTELLIGENT ENGINEERING SERVICES PH. 210-349-9098 MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841

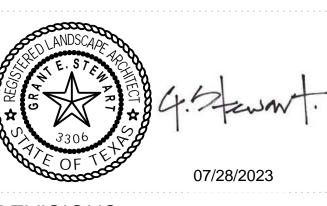
FOUNTAIN CMS COLLABORATIVE PH. 831-425-3743

COST ESTIMATING DREW COLLABORATIVE WORKS PH. 206-718-2840

LIGHTING TILLETT LIGHTING PH. 212-766-0144

LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155 SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999





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NO. DATE

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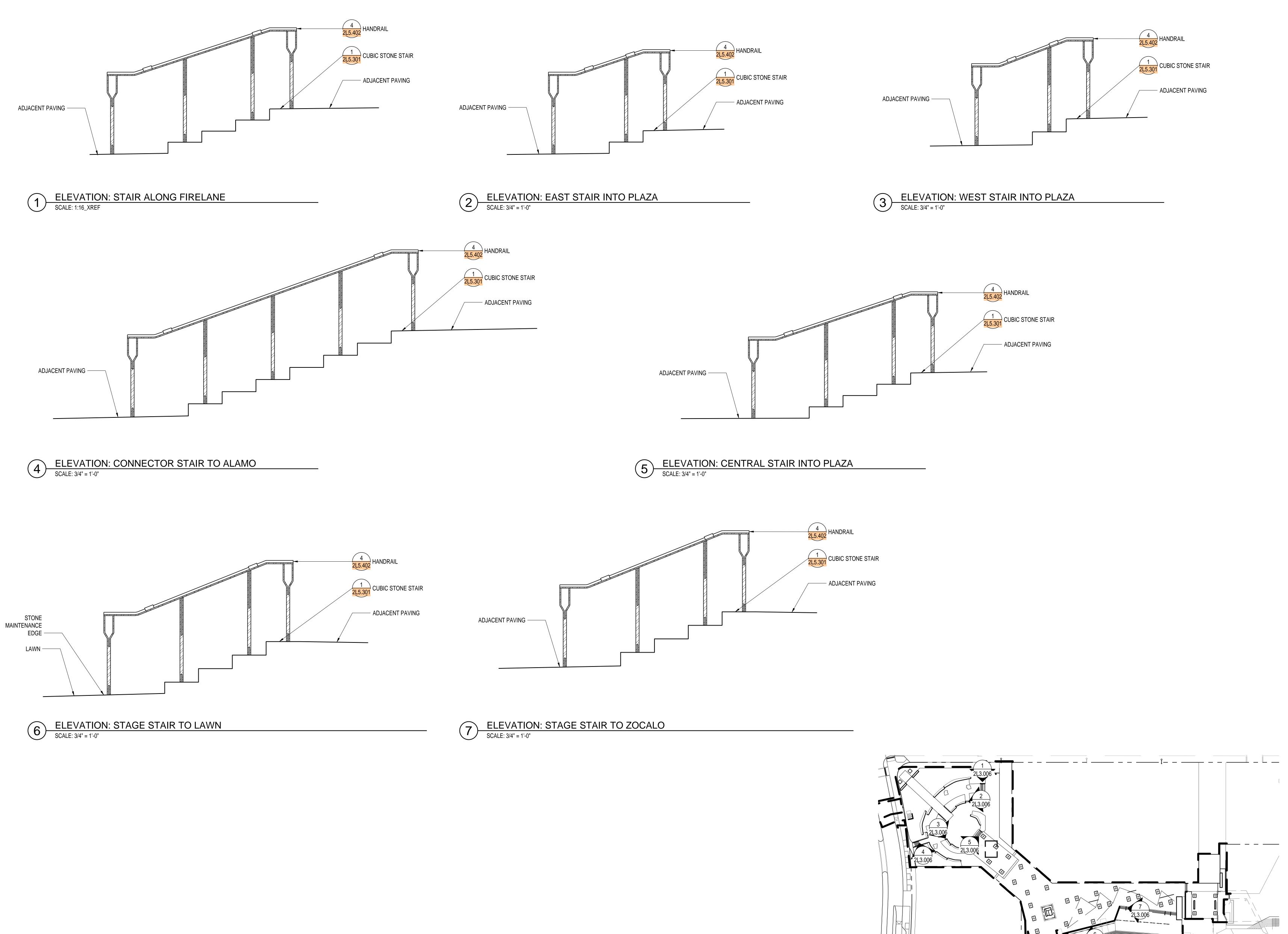
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WALL ELEVATIONS

2L3.005

KEY PLAN - EAST BALCONES

SCALE: 1" = 20'-0"



KEY PLAN

HEMISFAIR CIVIC PARK BID PACKAGE 3: PARK BUILDOUT



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STRUCTURAL ENGINEER INTELLIGENT ENGINEERING SERVICES PH. 210-349-9098

MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841

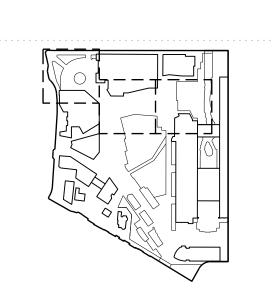
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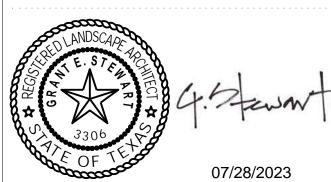
COST ESTIMATING DREW COLLABORATIVE WORKS PH. 206-718-2840

LIGHTING TILLETT LIGHTING PH. 212-766-0144

LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155

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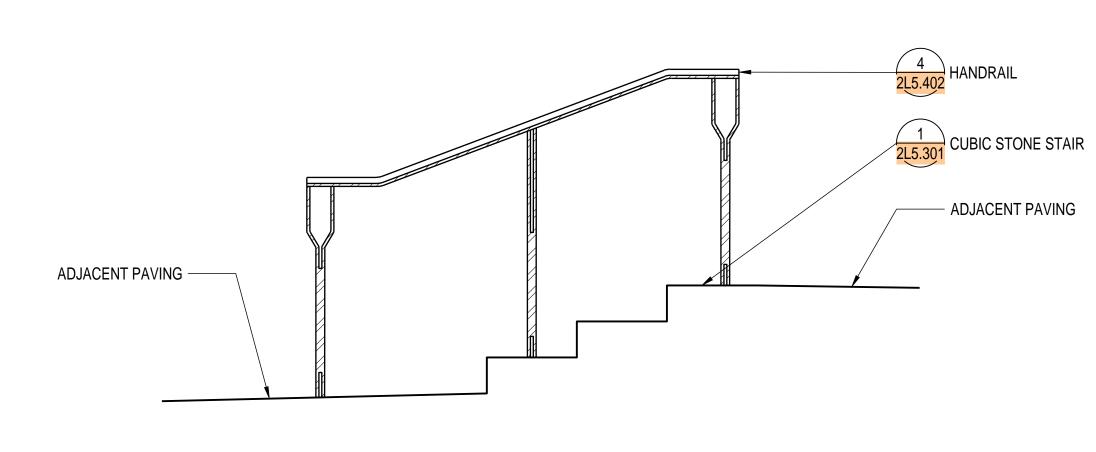
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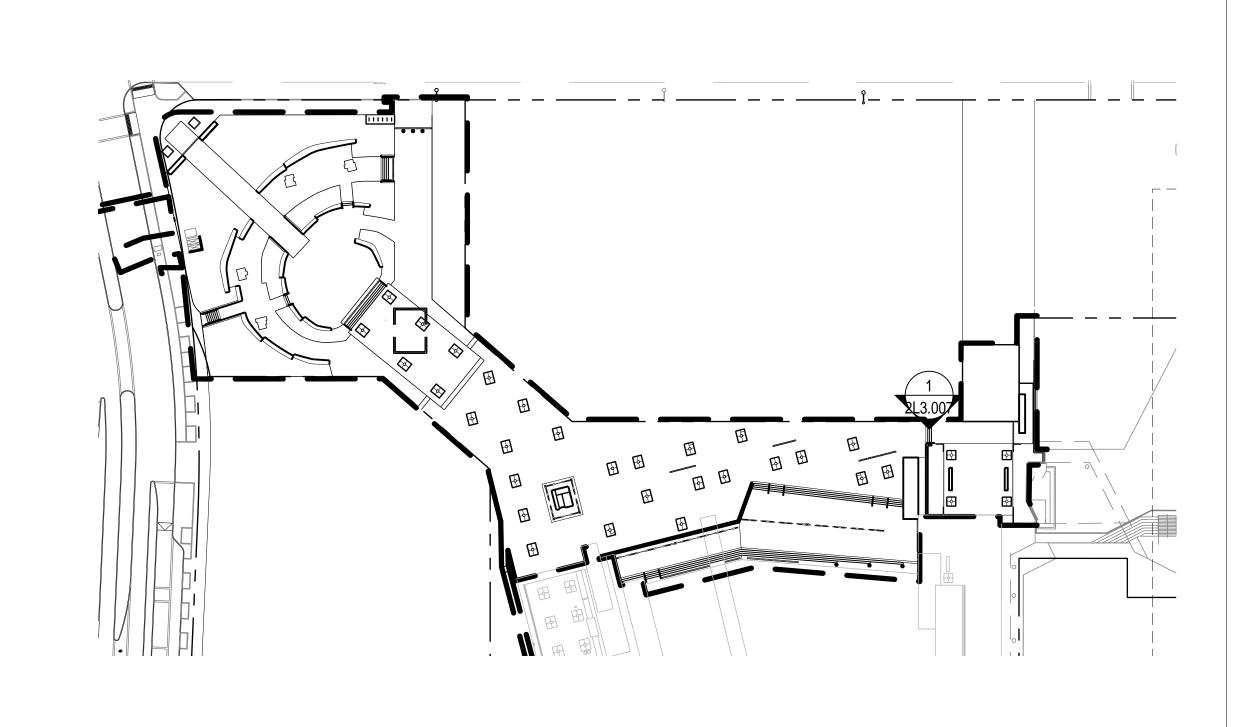
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RAIL ELEVATIONS



ELEVATION: RAIL AT SOUTH PATH

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



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BID PACKAGE 3: PARK BUILDOUT



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PUBLIC WORKS DEPT. PROJECT # 23-01670

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MECHANICAL-ELECTRICAL-PLUMBING ENGINEE

MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841

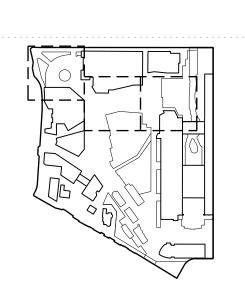
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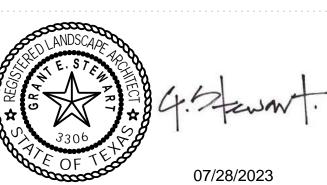
COST ESTIMATING DREW COLLABORATIVE WORKS PH. 206-718-2840

LIGHTING
TILLETT LIGHTING
PH. 212-766-0144

LANDSCAPE ARCHITECT
RIALTO STUDIO
PH. 210-828-1155

SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999





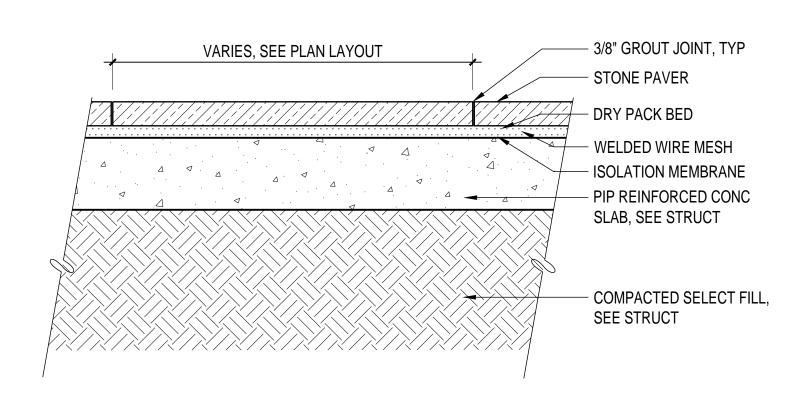
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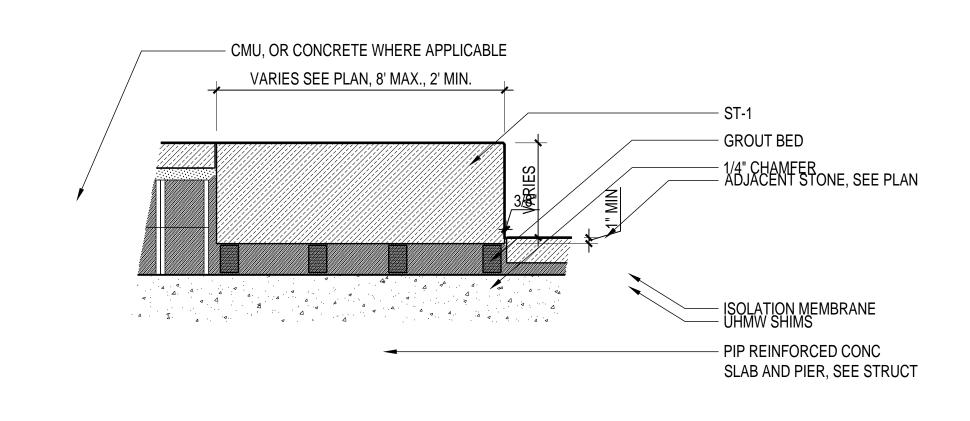
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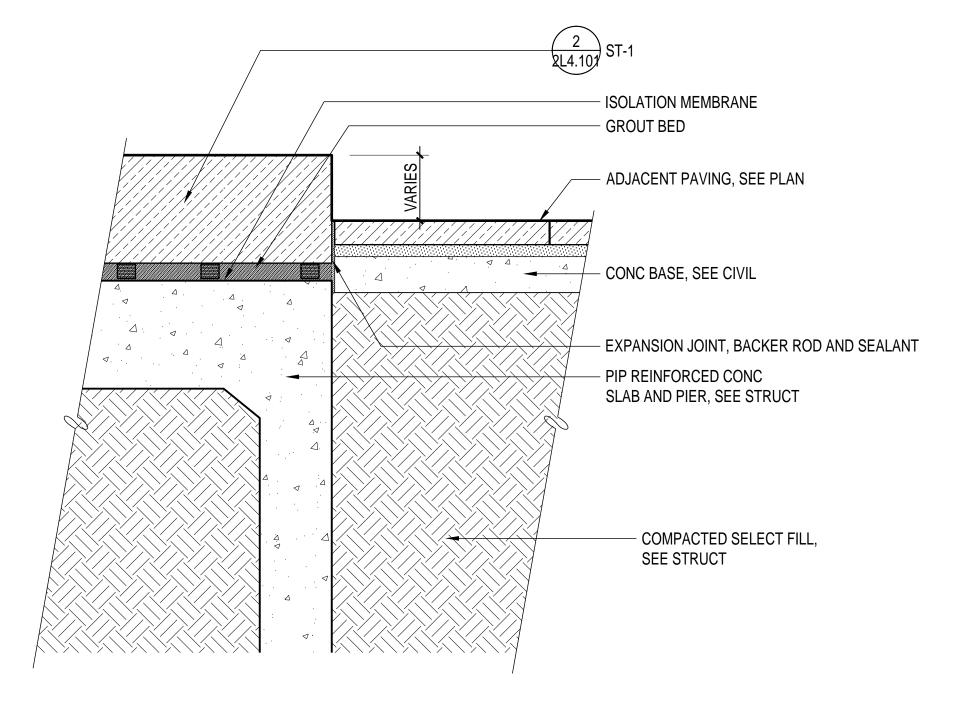
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JB/KW GS/DM

RAIL ELEVATIONS



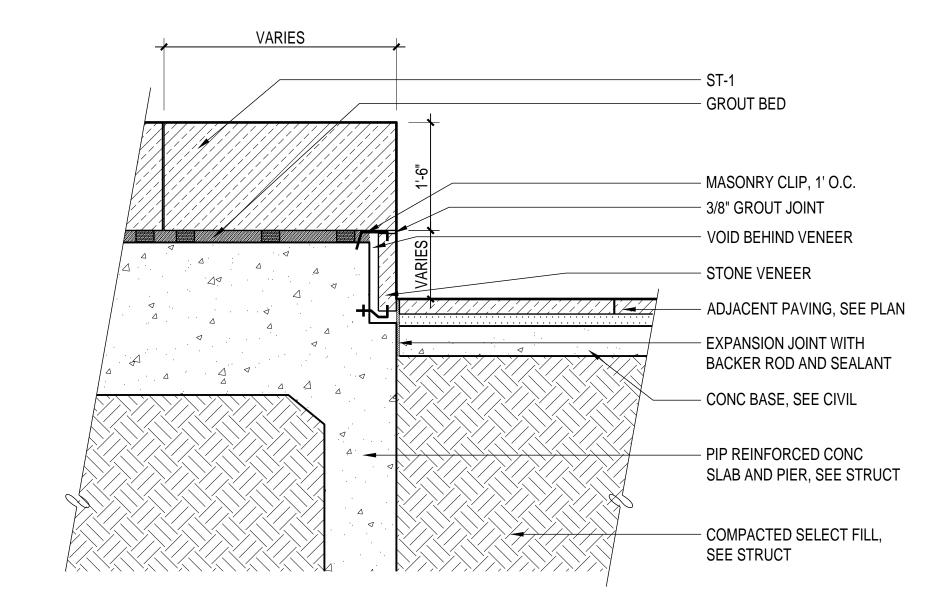




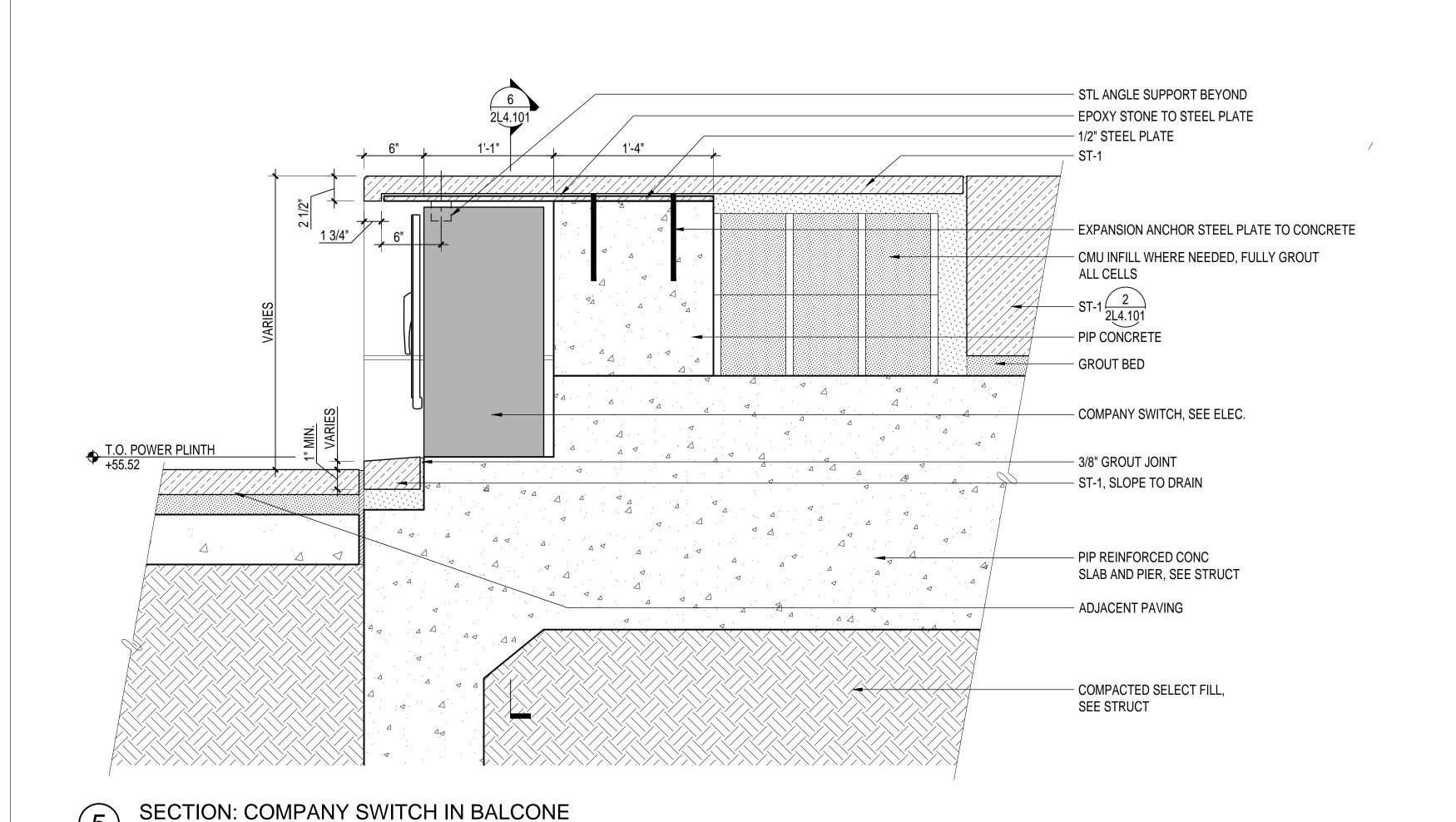
DETAIL: PT8, PT8B, STONE PAVER OVER STRUCTURAL SLAB SCALE: 3/4" = 1'-0"

DETAIL: ST-1, CUBIC STONE BLOCK, TYP. SCALE: 3/4" = 1'-0"

DETAIL: CUBIC STONE ADJACENT PAVING SCALE: 3/4" = 1'-0"

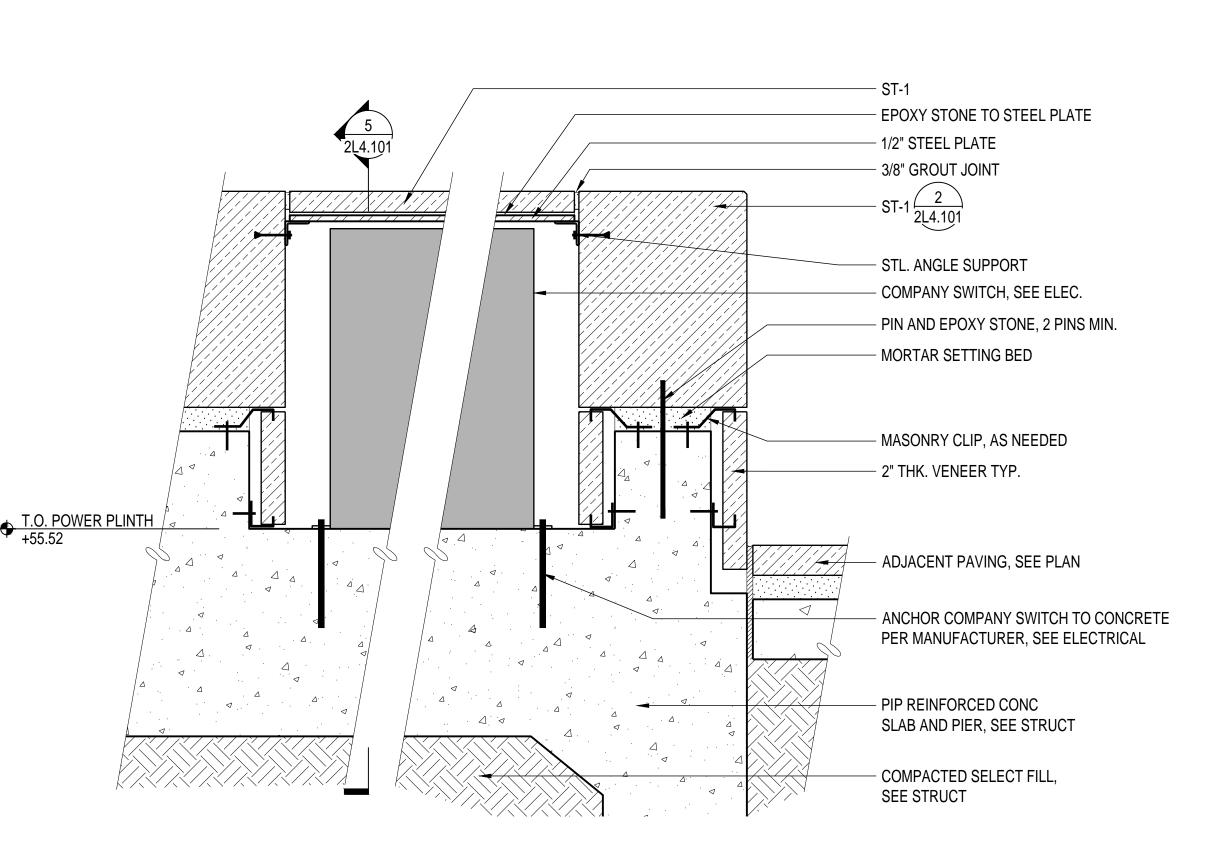


DETAIL: VENEER AT BALCONIES SCALE: 3/4" = 1'-0"



SECTION: COMPANY SWITCH THROUGH END

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



HEMISFAIR CIVIC PARK BID PACKAGE 3: PARK BUILDOUT

CITY OF SAN ANTONIO

CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT P.O. BOX 839966 SAN ANTONIO TX 78283-3966 PH. 210-207-6924



HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

PUBLIC WORKS DEPT. PROJECT # 23-01670 100% CONSTRUCTION **DRAWINGS**

PHASE 2

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CIVIL ENGINEER
MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200 STRUCTURAL ENGINEER

INTELLIGENT ENGINEERING SERVICES PH. 210-349-9098 MECHANICAL-ELECTRICAL-PLUMBING ENGINEER

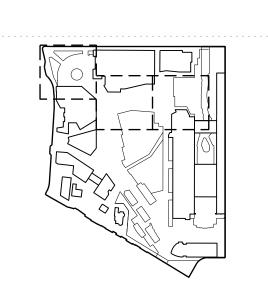
CNG ENGINEERING PH. 210-224-8841 FOUNTAIN

CMS COLLABORATIVE PH. 831-425-3743

COST ESTIMATING DREW COLLABORATIVE WORKS PH. 206-718-2840

LIGHTING TILLETT LIGHTING PH. 212-766-0144 LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155

SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999





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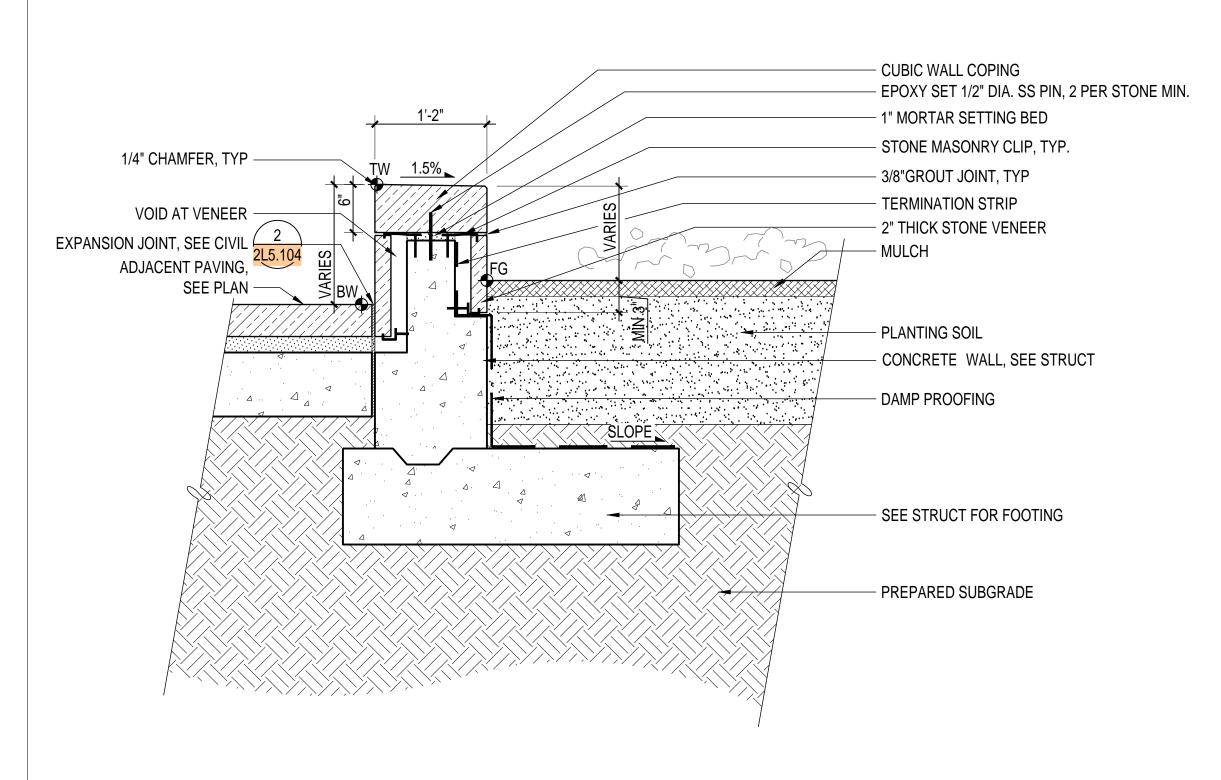
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DETAILS - BALCONES

2L4.101

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



DETAIL: WALL TYPE 1

SCALE: 1" = 1'-0"

EXPANSION JOINT -

ADJACENT PAVING,

- EPOXY SET 1/2" DIA. SS PIN, 2 PER STONE MIN. 1/4" CHAMFER, TYP -- 1" MORTAR SETTING BED CUBIC WALL COPING -EXPANSION JOINT, SEE CIVIL STONE MASONRY CLIP, TYP -ADJACENT PAVING, SEE PLAN STONE VENEER -- MORTAR SETTING BED VOID AT VENEER -MULCH -PLANTING SOIL, SEE SOILS PLAN — TERMINATION STRIP DAMP PROOFING CONCRETE WALL, SEE STRUCT - SEE STRUCT FOR FOOTING - PREPARED SUBGRADE

- CUBIC WALL COPING - EPOXY SET 1/2" DIA. SS PIN, 2 PER STONE MIN. - 1" MORTAR SETTING BED - STONE MASONRY CLIP, TYP. 1/4" CHAMFER, TYP 3/8"GROUT JOINT, TYP **VOID AT VENEER** - TERMINATION STRIP - 2" THICK STONE VENEER ADJACENT PAVING, SEE PLAN -- PLANTING SOIL - CONCRETE WALL, SEE STRUCT - DAMP PROOFING - SEE STRUCT FOR FOOTING - PREPARED SUBGRADE

PHASE 2 PRIME CONSULTANT / LANDSCAPE ARCHITECT GGN LANDSCAPE ARCHITECTURE LTD. PH. 206-903-6802

TERMINATION STRIP

- CONCRETE WALL, SEE STRUCT.

- FOUNDATION DRAIN, SEE CIVIL

- SEE STRUCT FOR FOOTING

- PREPARED SUBGRADE

- DAMP PROOFING

CIVIL ENGINEER MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200 STRUCTURAL ENGINEER
INTELLIGENT ENGINEERING SERVICES PH. 210-349-9098 MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841

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CIVIC PARK

BID PACKAGE 3: PARK BUILDOUT

CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT P.O. BOX 839966

SAN ANTONIO TX 78283-3966 PH. 210-207-6924

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PUBLIC WORKS DEPT. PROJECT # 23-01670

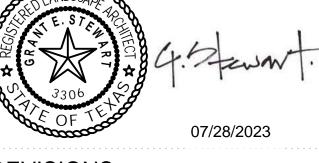
100% CONSTRUCTION

DRAWINGS

PUBLIC WORKS

FOUNTAIN CMS COLLABORATIVE PH. 831-425-3743 COST ESTIMATING DREW COLLABORATIVE WORKS PH. 206-718-2840

LIGHTING TILLETT LIGHTING PH. 212-766-0144 LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155 SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999



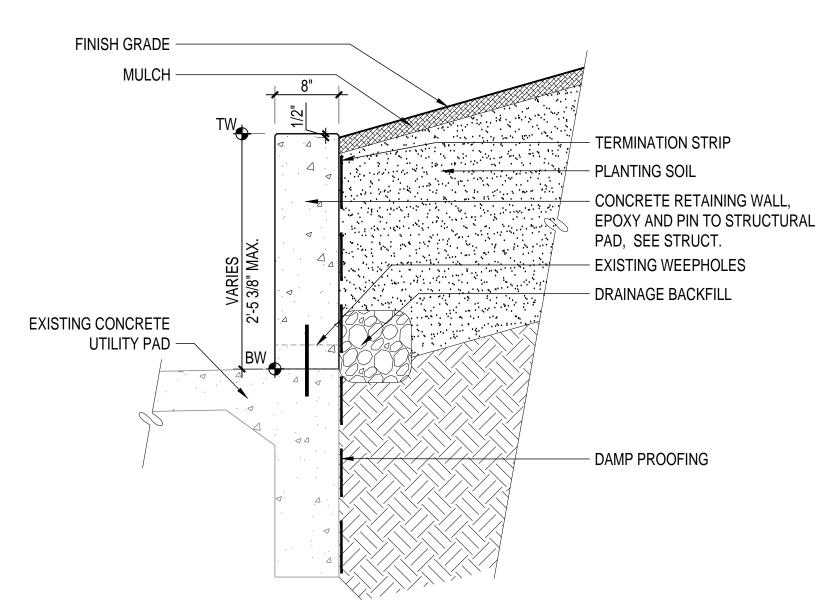
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01 07-28-23 100% CD SET

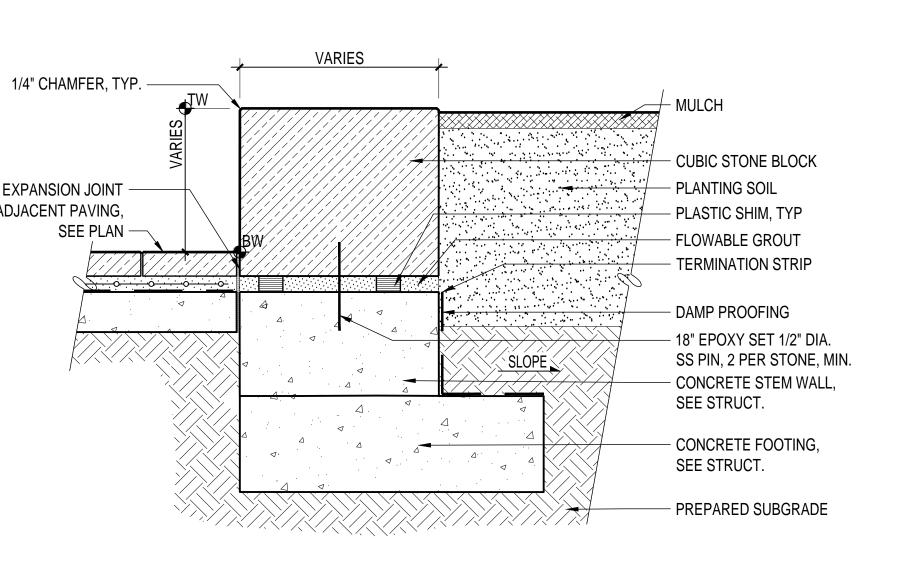
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> 07/28/2023 DETAILS - WALLS

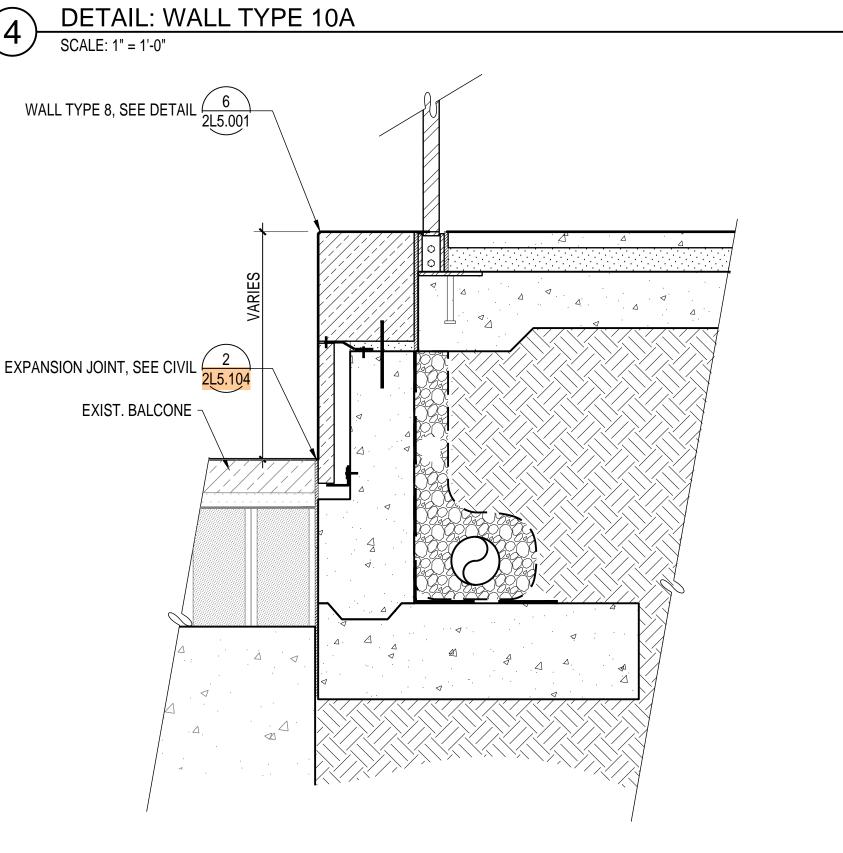
DETAIL: WALL TYPE 3 SCALE: 1" = 1'-0"

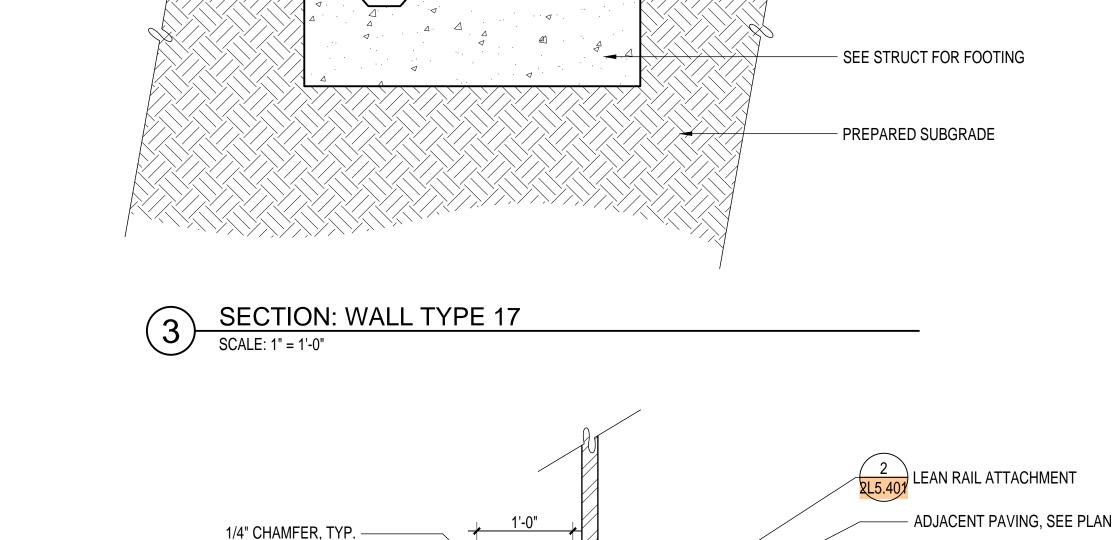


SECTION: WALL TYPE 16 SCALE: 1" = 1'-0"



WALL TYPE 8, SEE DETAIL $\frac{6}{2L5.001}$ EXPANSION JOINT, SEE CIVIL 2 2L5.104 EXIST. BALCONE





CUBIC WALL COPING -1" MORTAR SETTING BED -

EPOXY SET 1/2" DIA. SS

PIN, 2 PER STONE, MIN. -

VOID BEHIND VENEER -

STONE MASONRY CLIP, TYP -

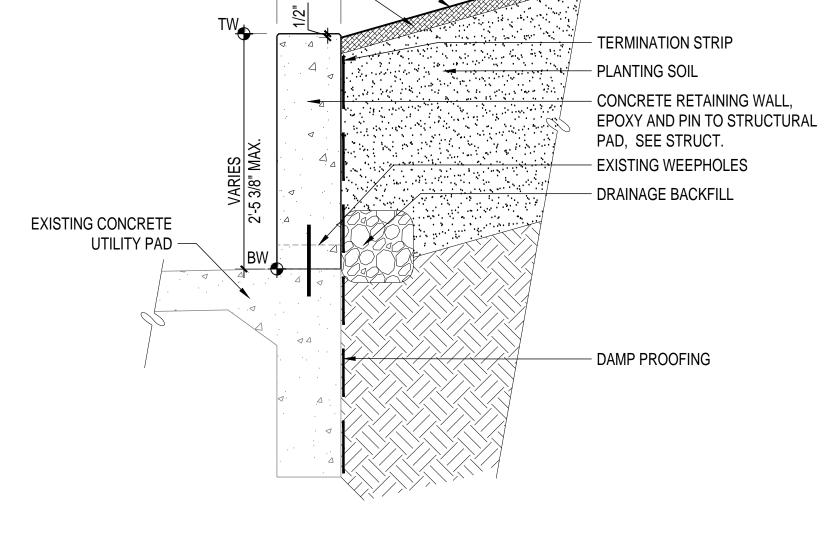
EXPANSION JOINT, SEE CIVIL

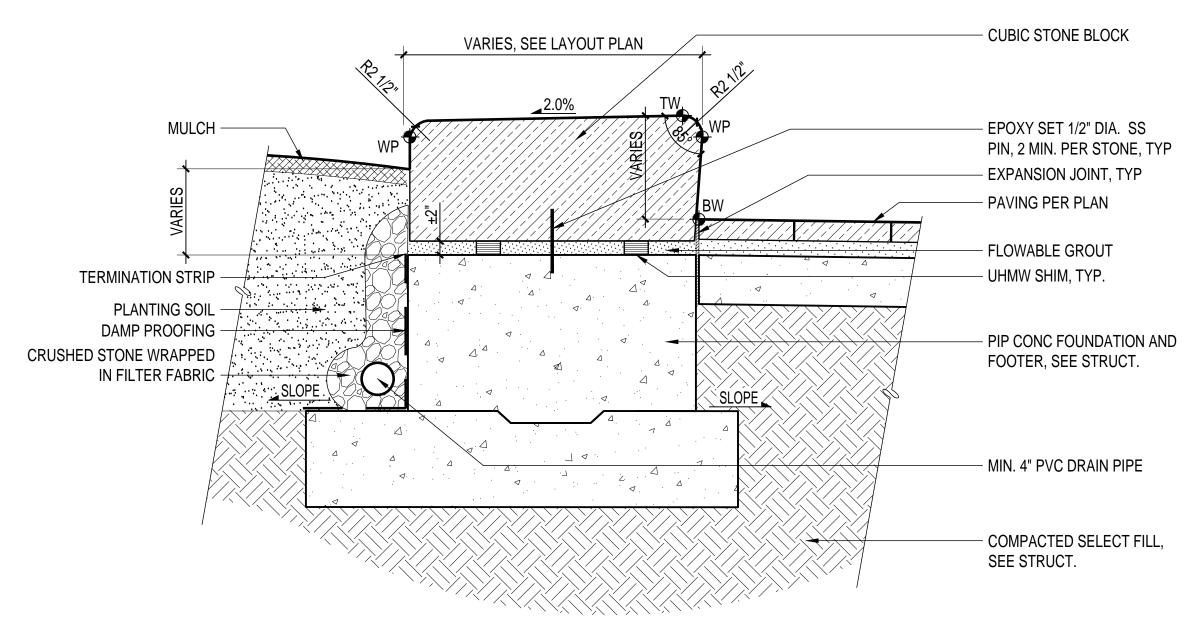
ADJACENT PAVING, SEE PLAN

STONE VENEER -

DETAIL: WALL TYPE 8

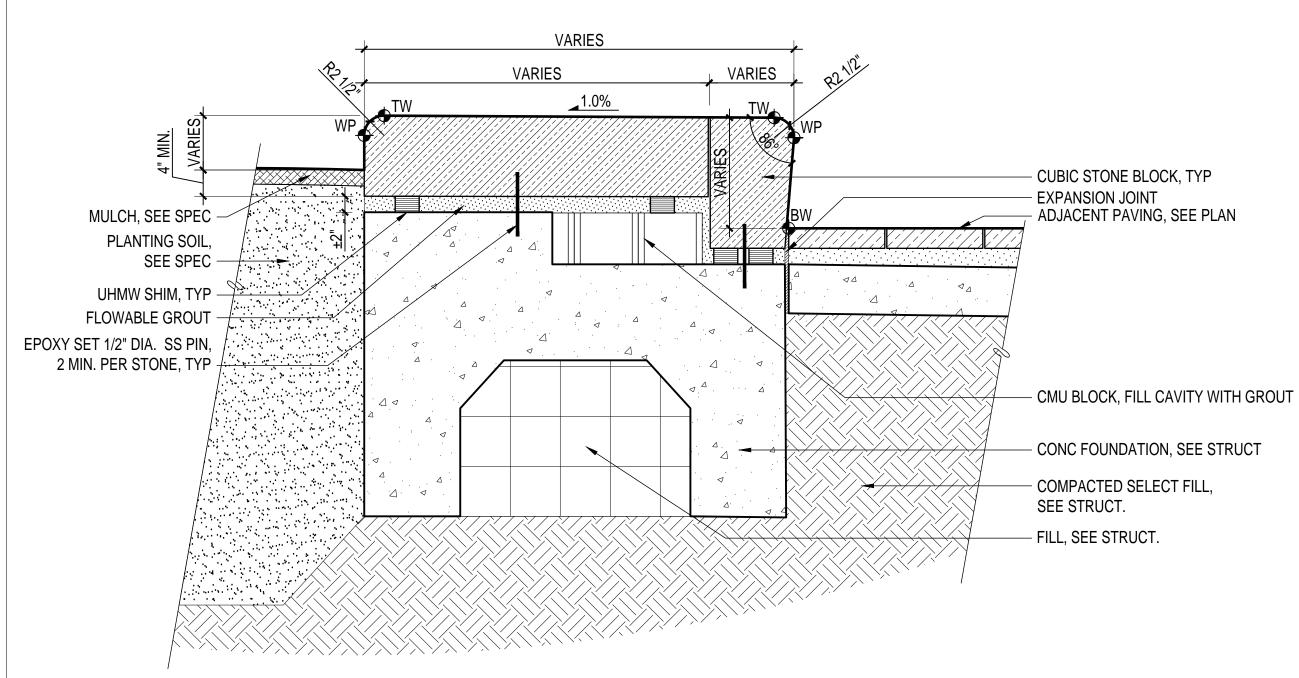
SCALE: 1" = 1'-0"





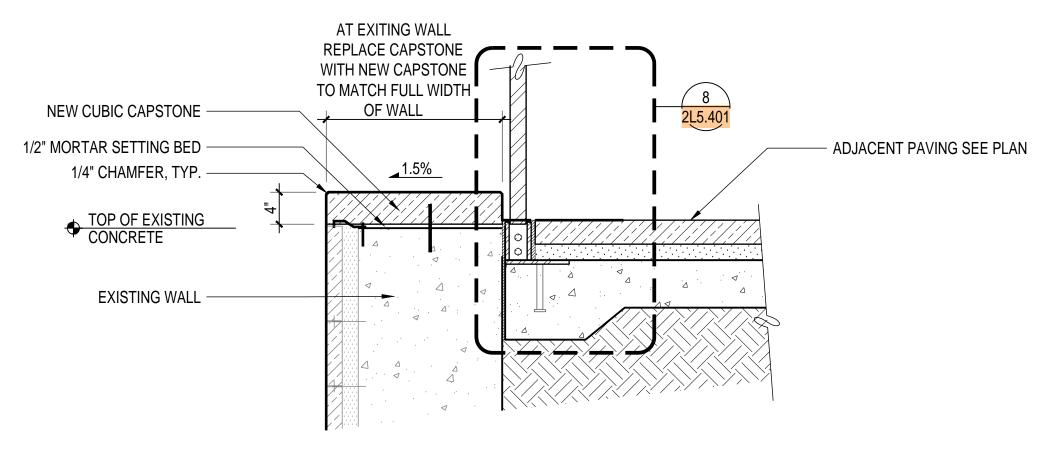
DETAIL: WALL TYPE 2

SCALE: 1" = 1'-0"



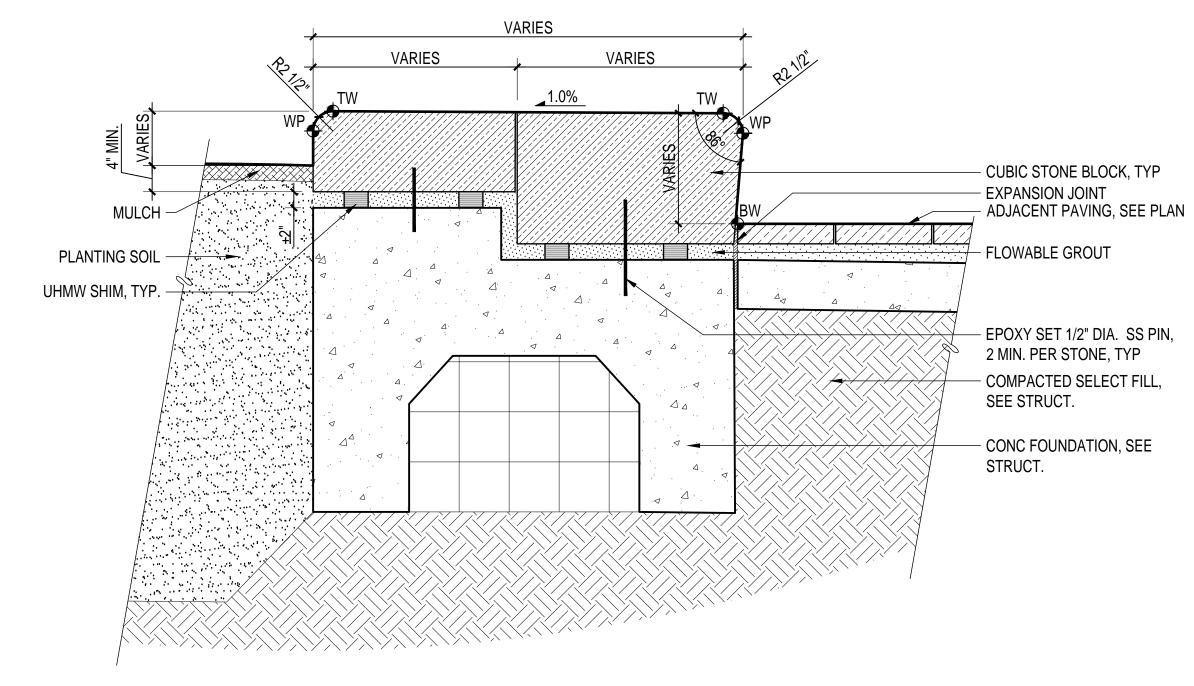
SECTION: WALL TYPE 11 AT CMU INFILL

SCALE: 1" = 1'-0"



SECTION: NEW CAPSTONE AT EXISTING WALL

SCALE: 1" = 1'-0"



DETAIL: WALL TYPE 11

SCALE: 1" = 1'-0"





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PUBLIC WORKS DEPT. PROJECT # 23-01670

100% CONSTRUCTION

DRAWINGS

PHASE 2

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STRUCTURAL ENGINEER
INTELLIGENT ENGINEERING SERVICES
PH. 210-349-9098

MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841

FOUNTAIN CMS COLLABORATIVE PH. 831-425-3743

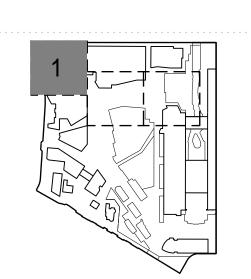
COST ESTIMATING

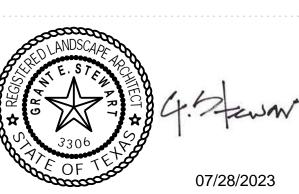
DREW COLLABORATIVE WORKS PH. 206-718-2840

LIGHTING
TILLETT LIGHTING
PH. 212-766-0144

LANDSCAPE ARCHITECT
RIALTO STUDIO
PH. 210-828-1155

SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999





REVISIONS:

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DATE	DESCRIPTION
07-28-23	100% CD SET

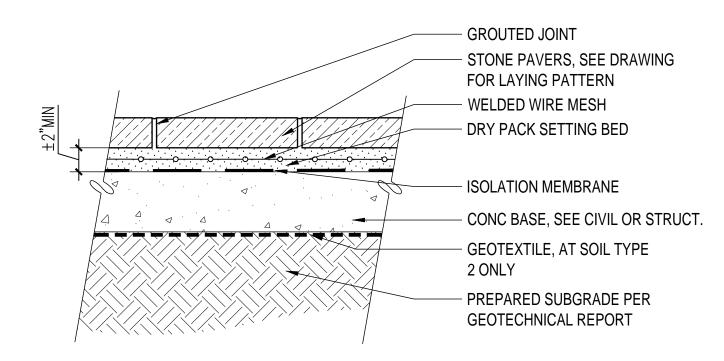
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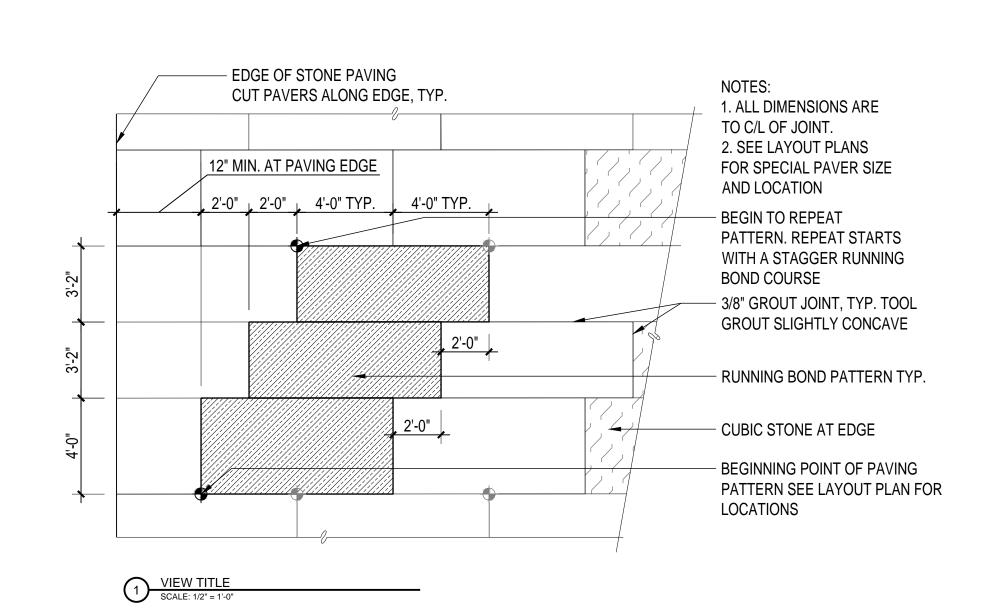
DATE GGN PROJECT #

07/28/2023 1410

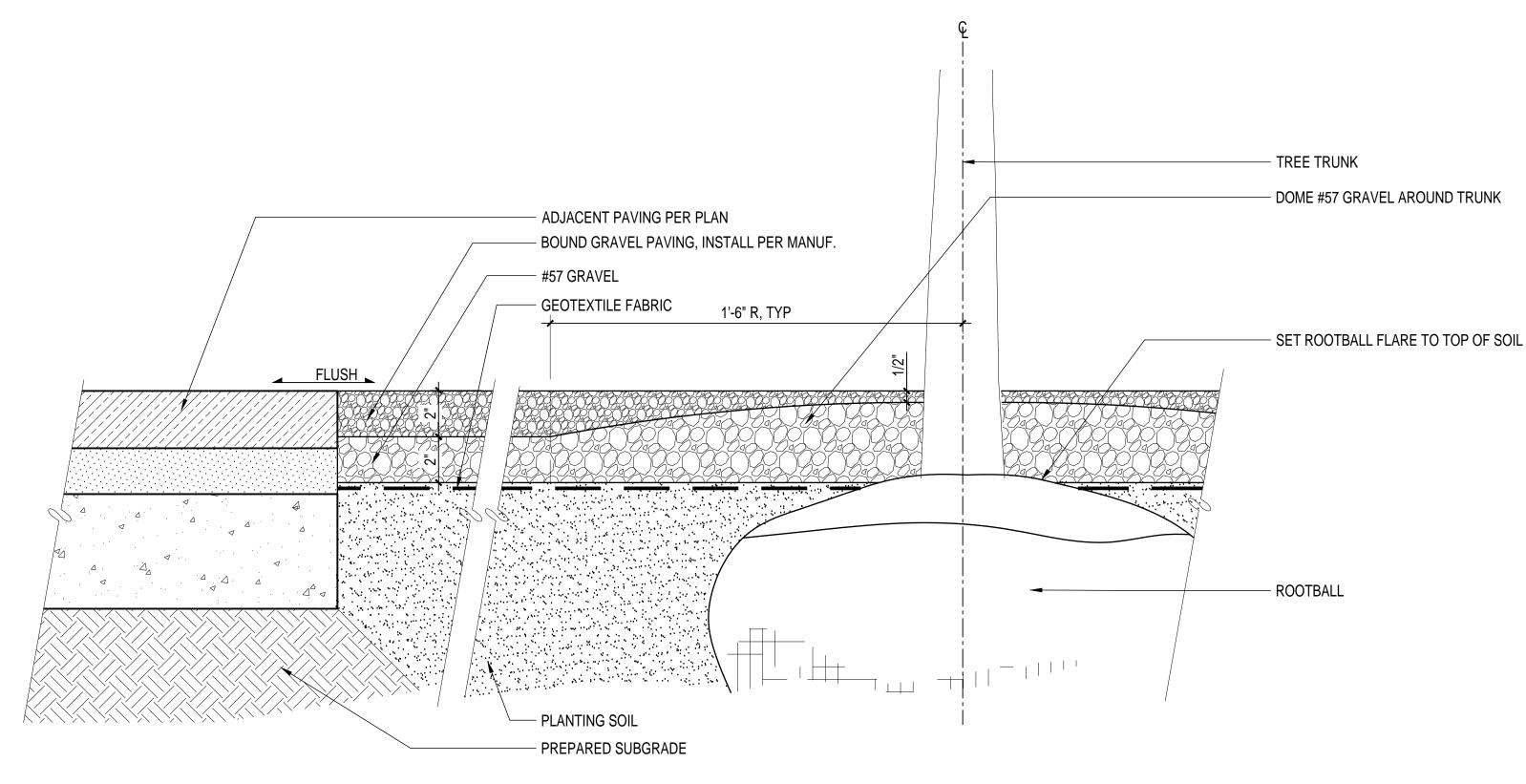
DETAILS - WALLS



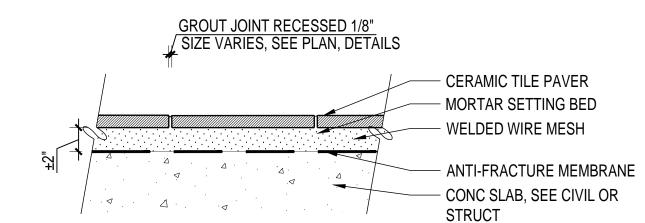
DETAIL: PAVING TYPE 2A, 2B, 4, 6A, 7, 9A, 9B, 10, 11, 12, 13, 14 - STONE PAVING



PLAN: PT-8 SCALE: 1/4" = 1'-0"

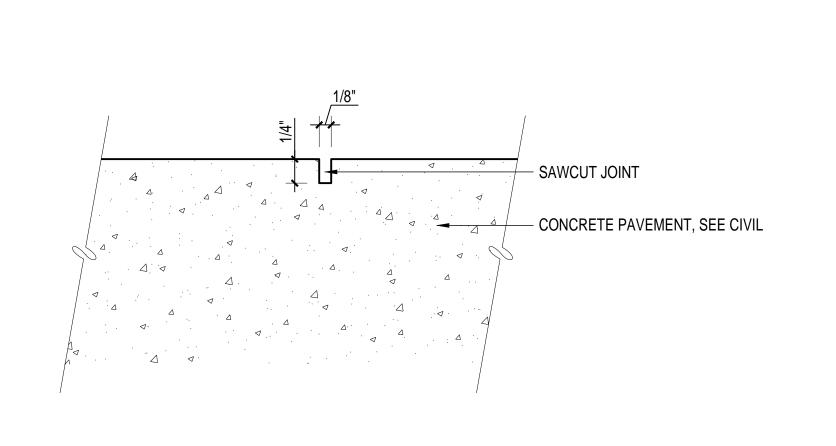


SECTION: PT-19 SCALE: 3" = 1'-0"



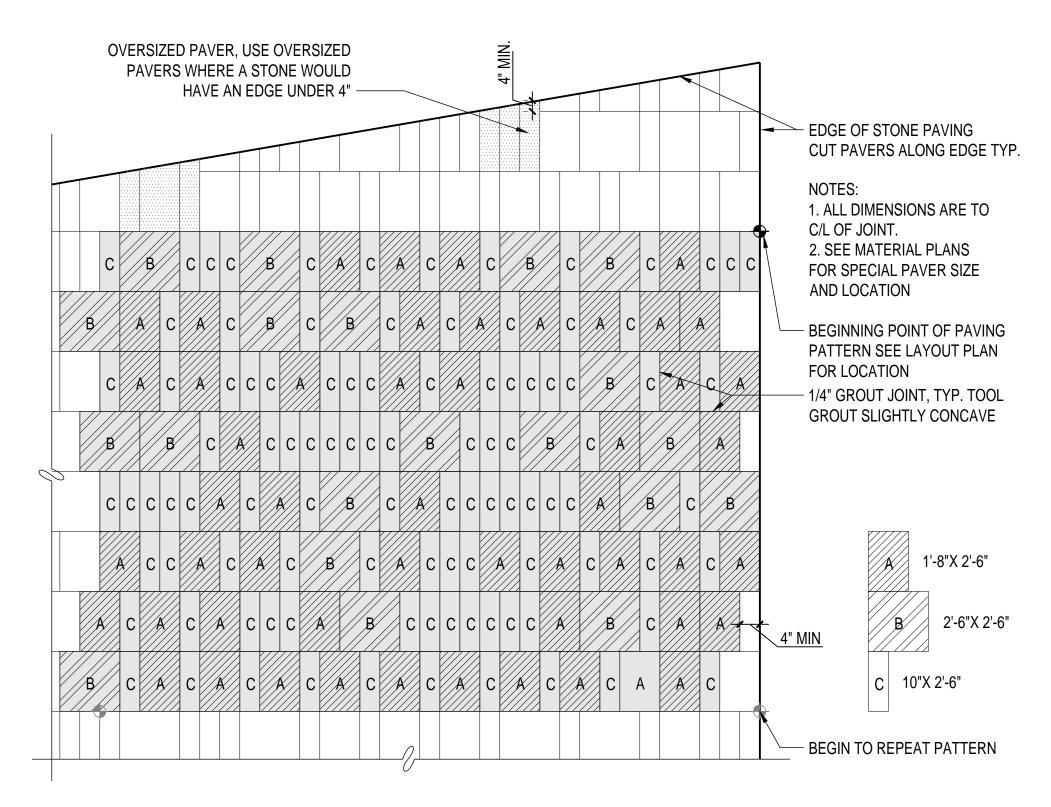
SECTION: PAVING TYPE 5 & 15 - TILE

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



SECTION: DECORATIVE SAWCUT JOINT

SCALE: 1' = 1'-0"



6 PLAN: PT-9
SCALE: 1/4" = 1'-0"

HEMISFAIR CIVIC PARK BID PACKAGE 3: PARK BUILDOUT



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PUBLIC WORKS DEPT. PROJECT # 23-01670 100% CONSTRUCTION **DRAWINGS**

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MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200 STRUCTURAL ENGINEER

INTELLIGENT ENGINEERING SERVICES PH. 210-349-9098 MECHANICAL-ELECTRICAL-PLUMBING ENGINEER

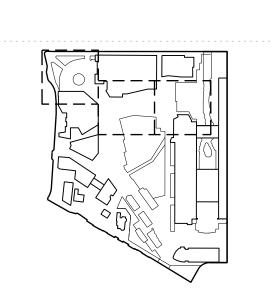
CNG ENGINEERING PH. 210-224-8841 FOUNTAIN

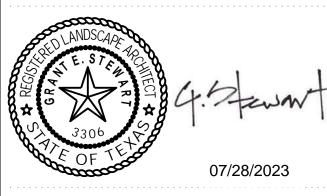
CMS COLLABORATIVE PH. 831-425-3743

COST ESTIMATING DREW COLLABORATIVE WORKS PH. 206-718-2840

LIGHTING TILLETT LIGHTING PH. 212-766-0144 LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155

SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999





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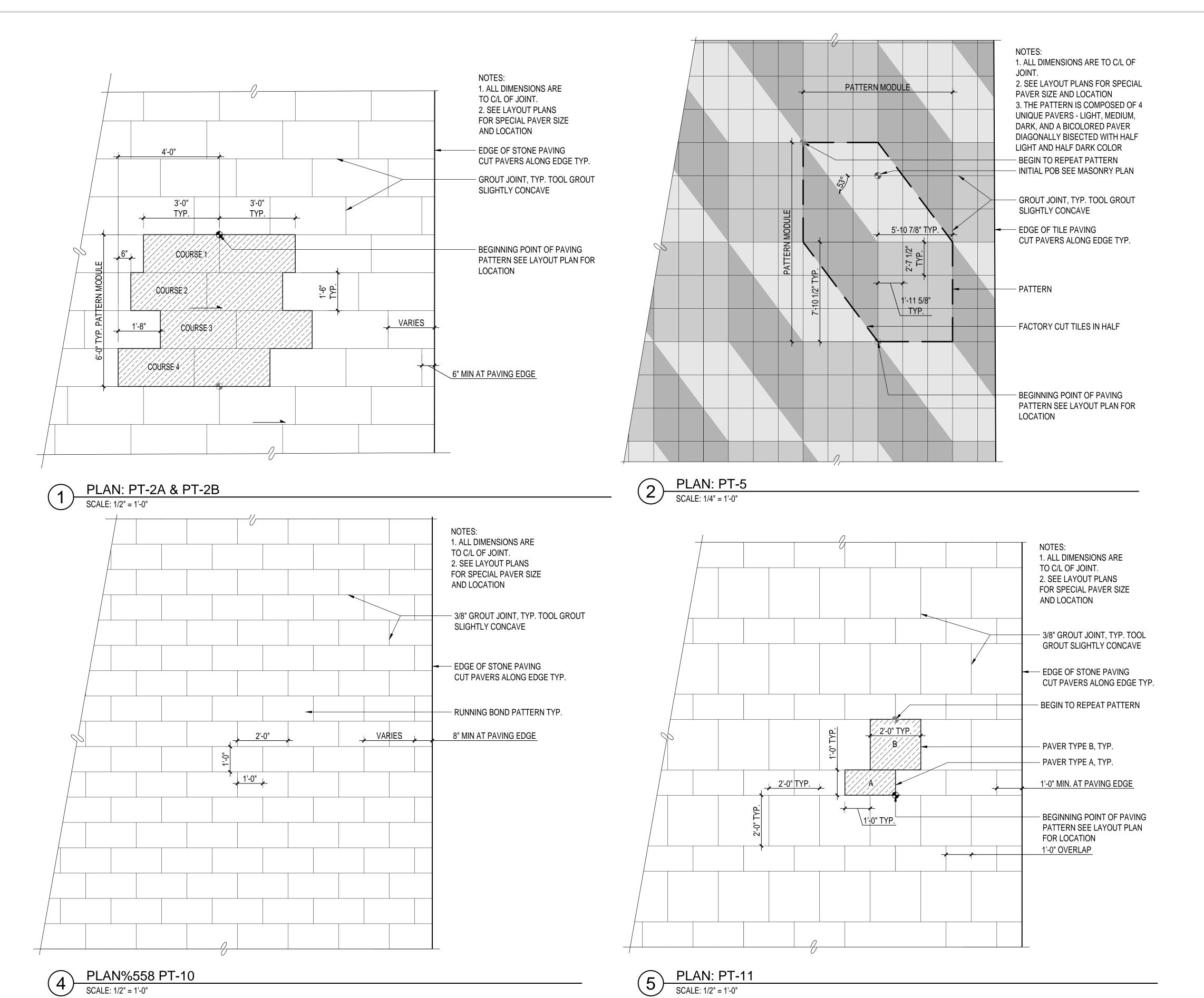
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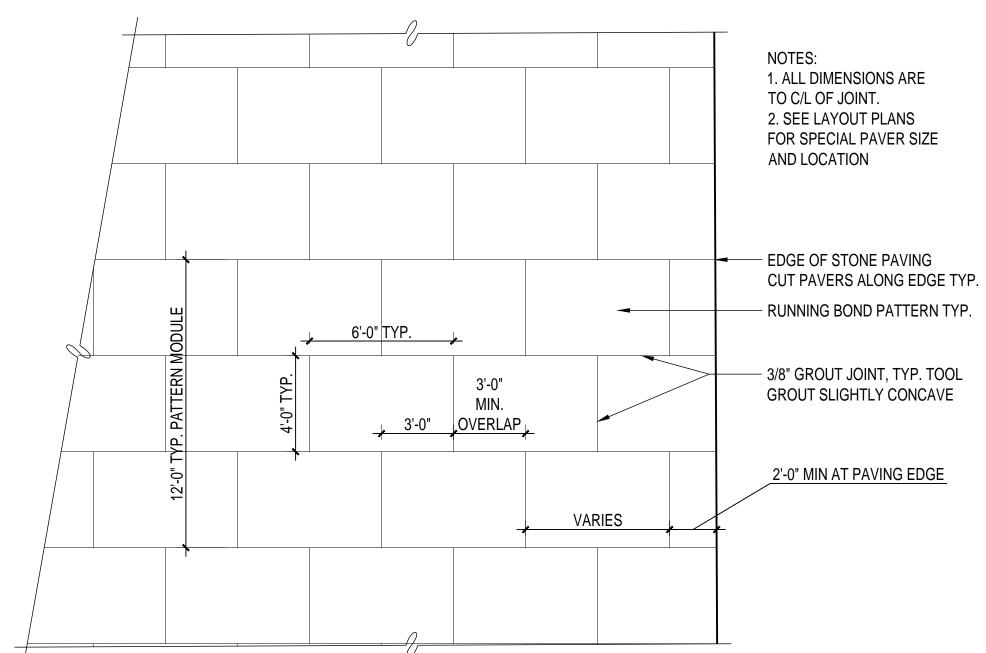
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DETAILS - PAVING





3 PLAN: PT-7
SCALE: 1/4" = 1'-0"

HEMISFAIR CIVIC PARK BID PACKAGE 3: PARK BUILDOUT



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CNG ENGINEERING
PH. 210-224-8841

FOUNTAIN CMS COLLABORATIVE PH. 831-425-3743

COST ESTIMATING
DREW COLLABORATIVE WORKS

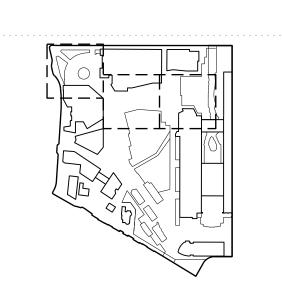
LIGHTING TILLETT LIGHTING PH. 212-766-0144

PH. 206-718-2840

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PH. 210-828-1155 SOILS & IRRIGATION DESIG

SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999







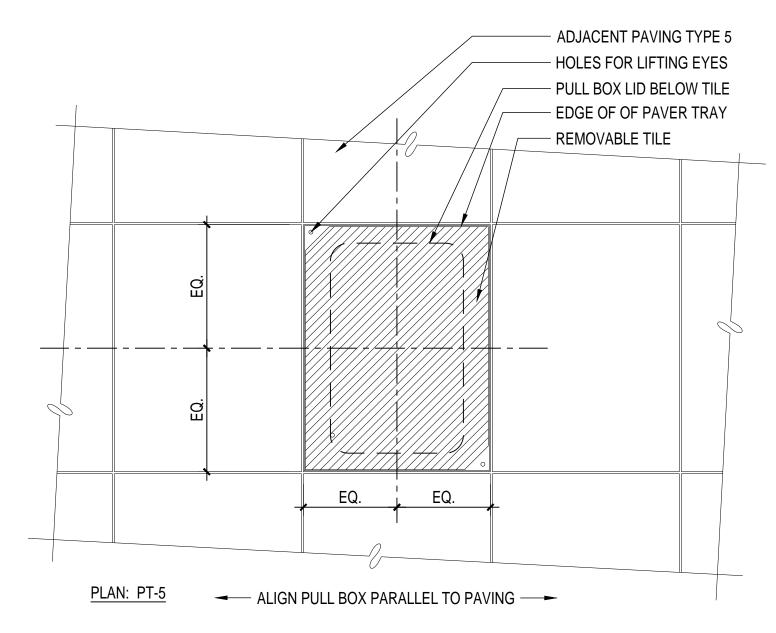
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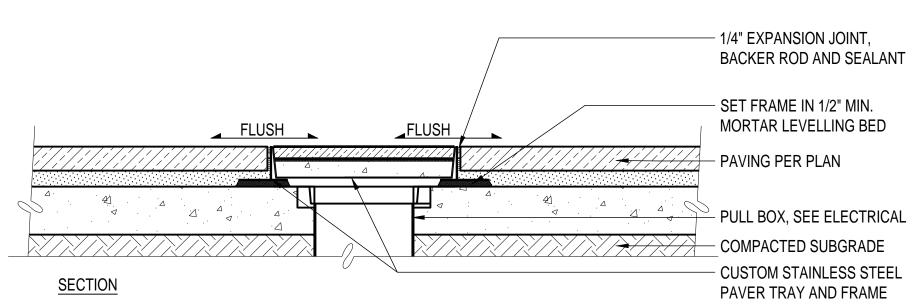
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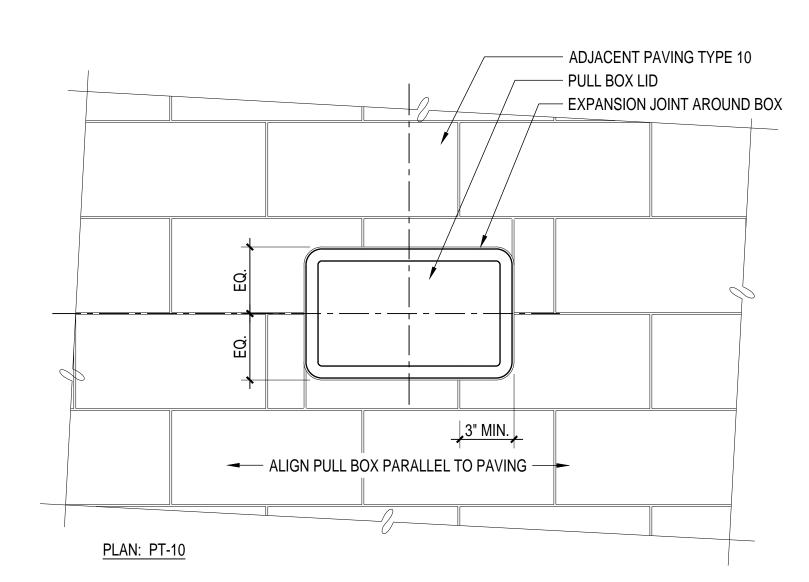
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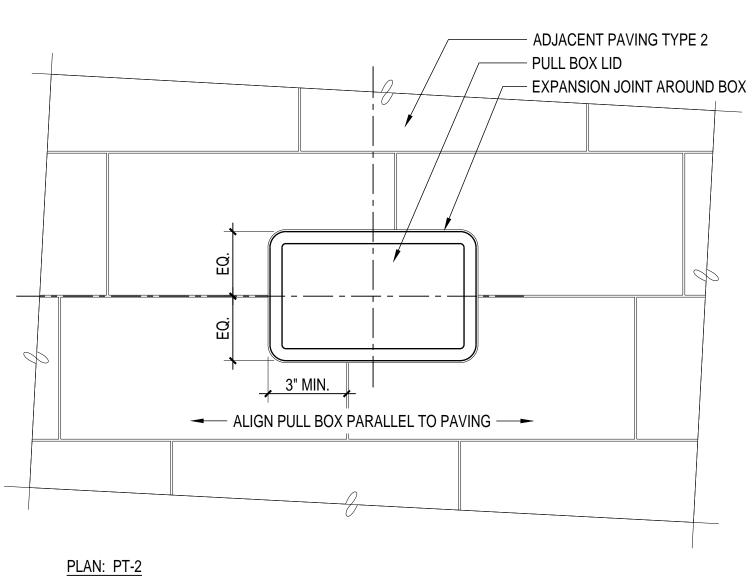


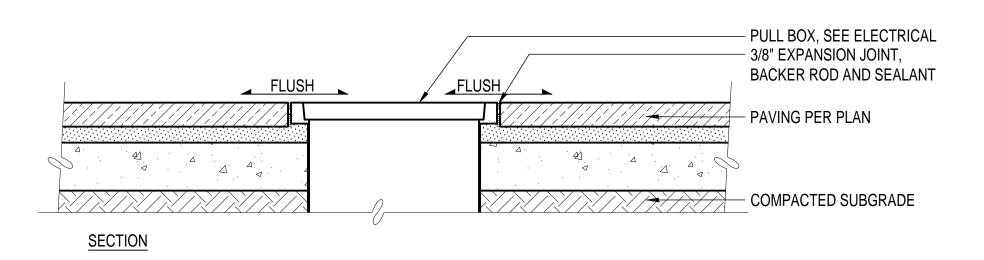


STONE INFILL, ALIGN PATTERN WITHIN LID TO ADJACENT PAVING GROUT JOINT TYP. EPOXY ADHESIVE FLOOR HATCH AND FRAME STONE PAVING, SEE PLAN AND DETAILS CONCRETE TOPPING SLAB EXPANSION JOINT EXPANSION ANCHOR, SEE STRUCT. CONCRETE WALL, SEE STRUCT.

DETAIL: RECESSED PULL BOX IN TILE









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BID PACKAGE 3: PARK BUILDOUT



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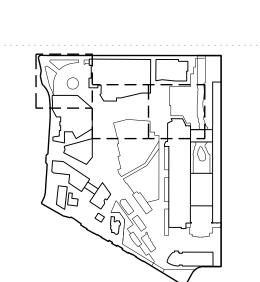
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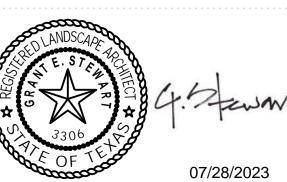
COST ESTIMATING DREW COLLABORATIVE WORKS PH. 206-718-2840

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TILLETT LIGHTING
PH. 212-766-0144

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RIALTO STUDIO

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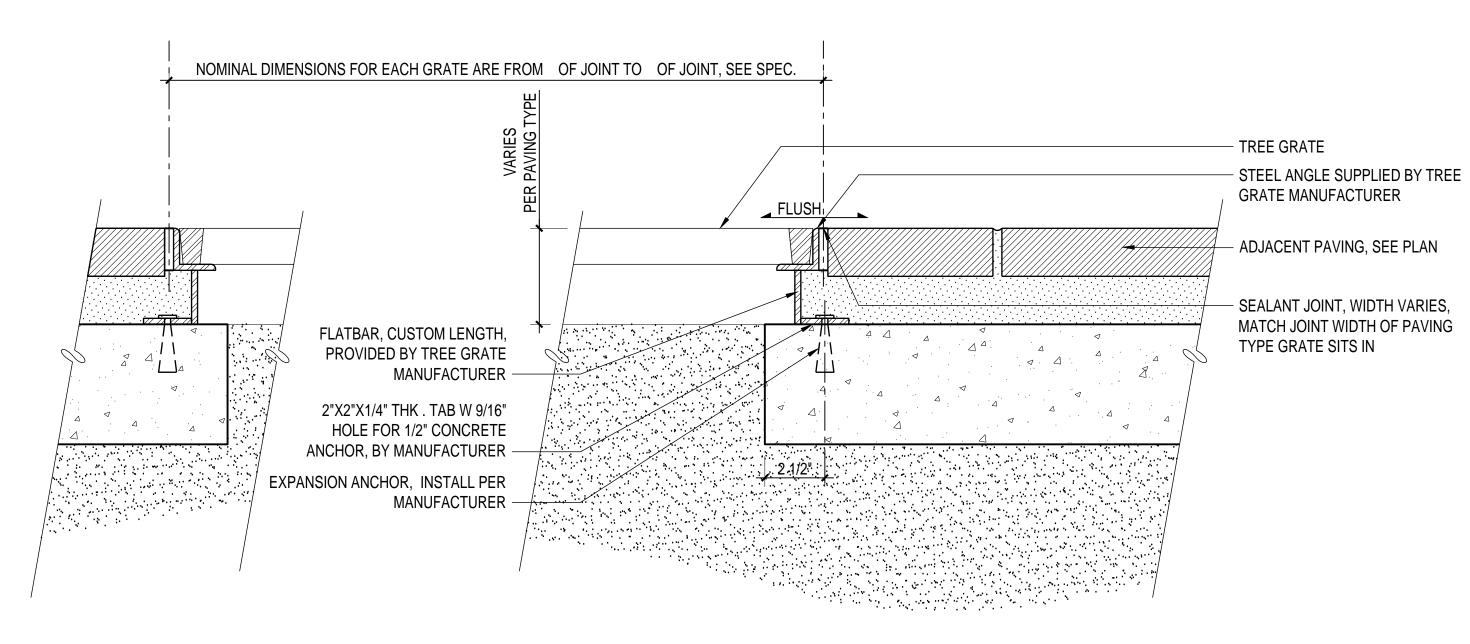
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 GS/DM

 DATE
 GGN PROJECT #

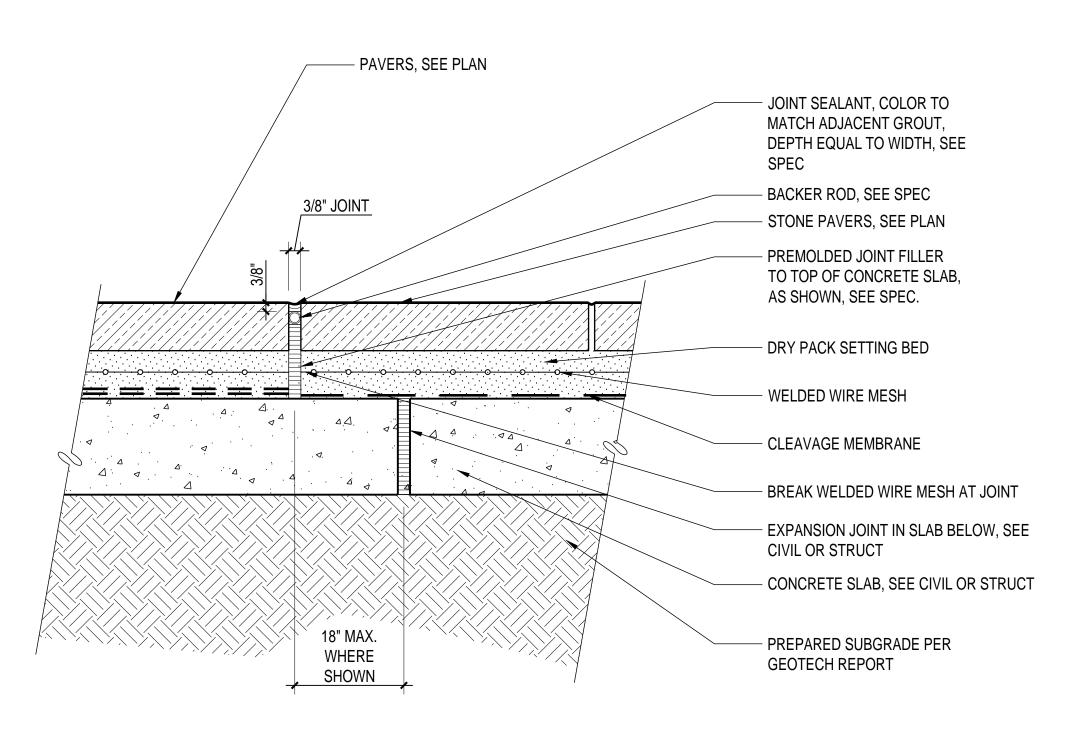
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 1410

DETAILS - PAVING



SECTION: TREE GRATE AT PAVING

SCALE: 3" = 1'-0"



SECTION: EXPANSION JOINT

SCALE: 3" = 1'-0"

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BID PACKAGE 3: PARK BUILDOUT



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MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841

FOUNTAIN CMS COLLABORATIVE PH. 831-425-3743

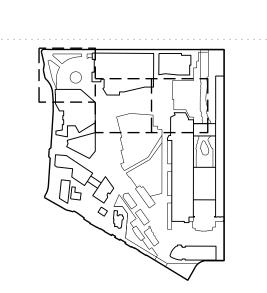
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DREW COLLABORATIVE WORKS
PH. 206-718-2840

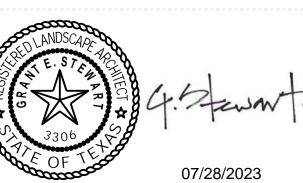
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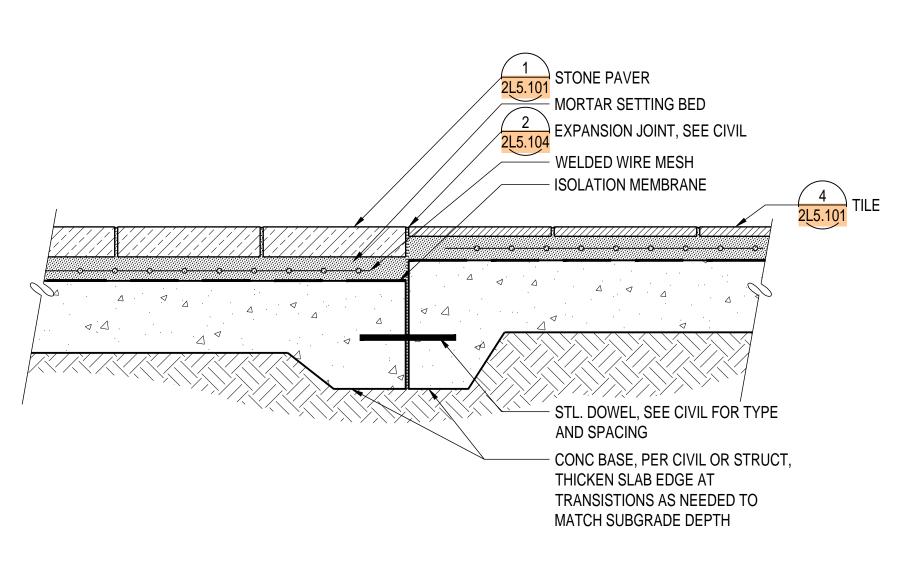
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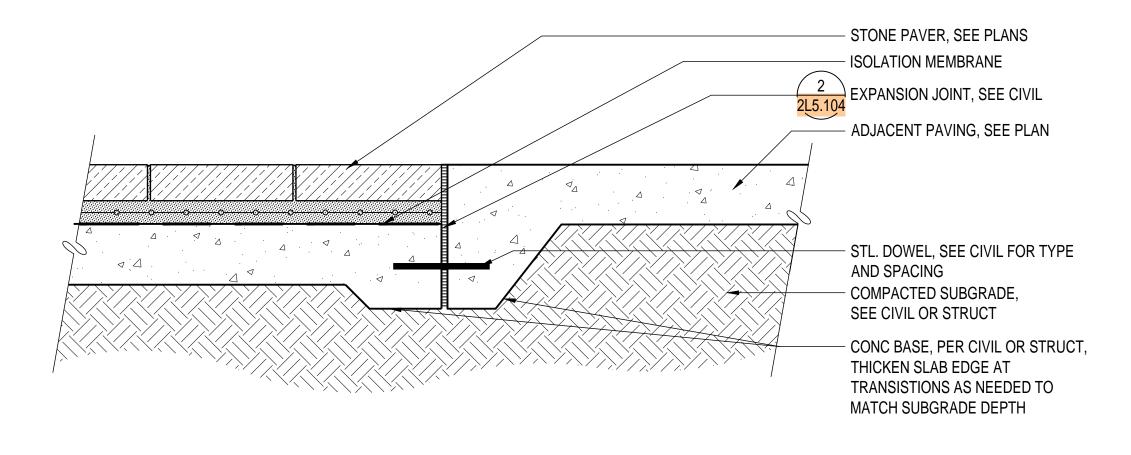
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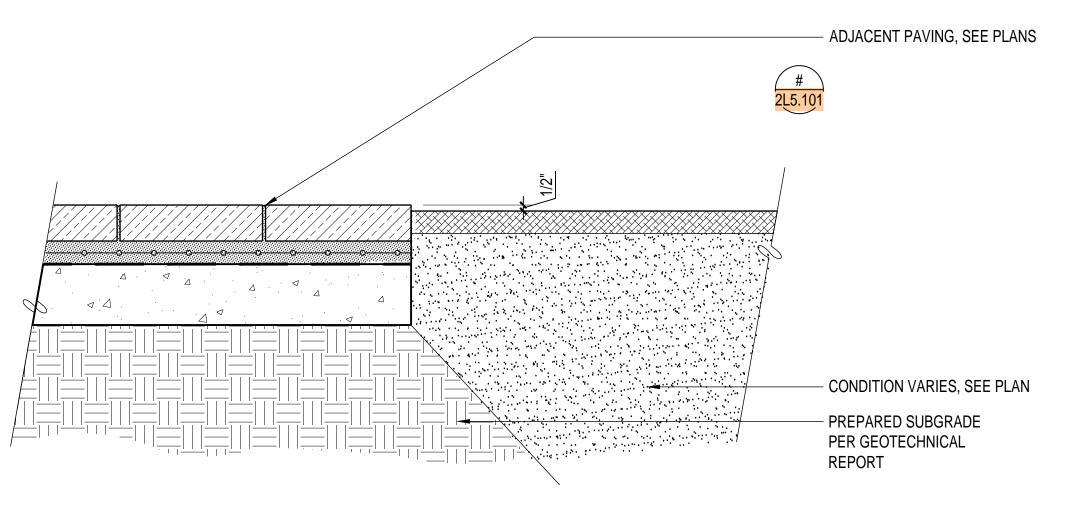
DATE GGN PROJECT #

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DETAILS - PAVING





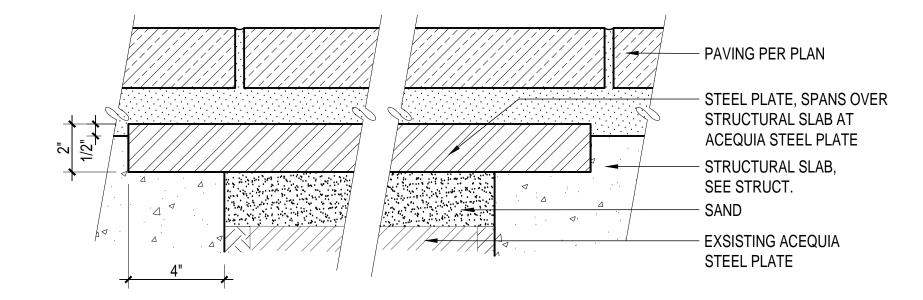


DETAIL: PAVING AT PLANTING

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

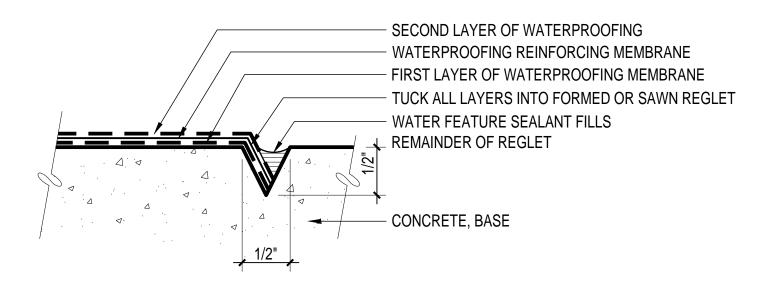
DETAIL: STONE AT TILE

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



SECTION: STAGE PAVING AT ACEQUIA

SCALE: 3" = 1'-0"



DETAIL: LIMESTONE AT CONCRETE

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

SECTION: REGLET

SCALE: 1' = 1'-0"





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MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841

FOUNTAIN CMS COLLABORATIVE PH. 831-425-3743

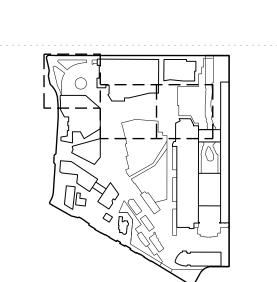
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DREW COLLABORATIVE WORKS
PH. 206-718-2840

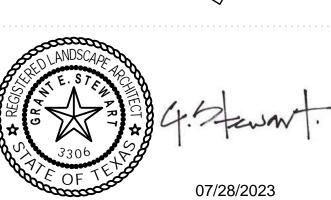
LIGHTING
TILLETT LIGHTING
PH. 212-766-0144

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RIALTO STUDIO
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PH. 210-828-1155

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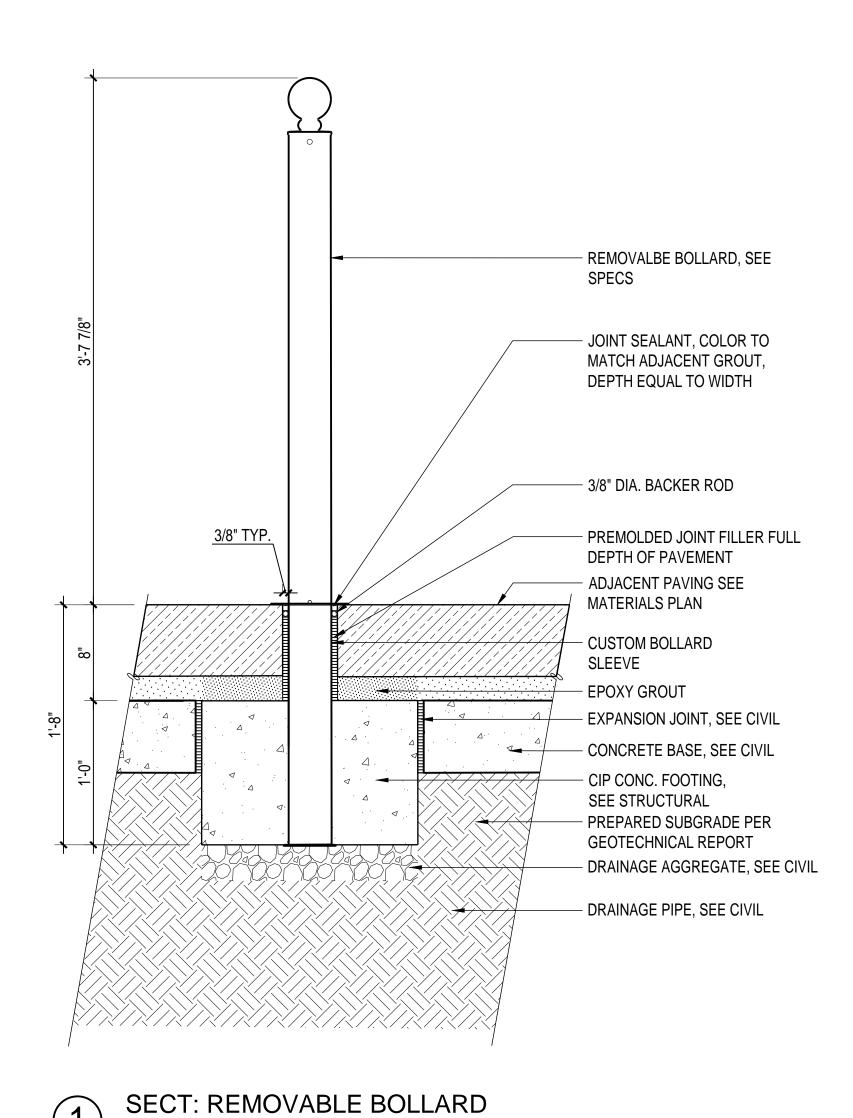
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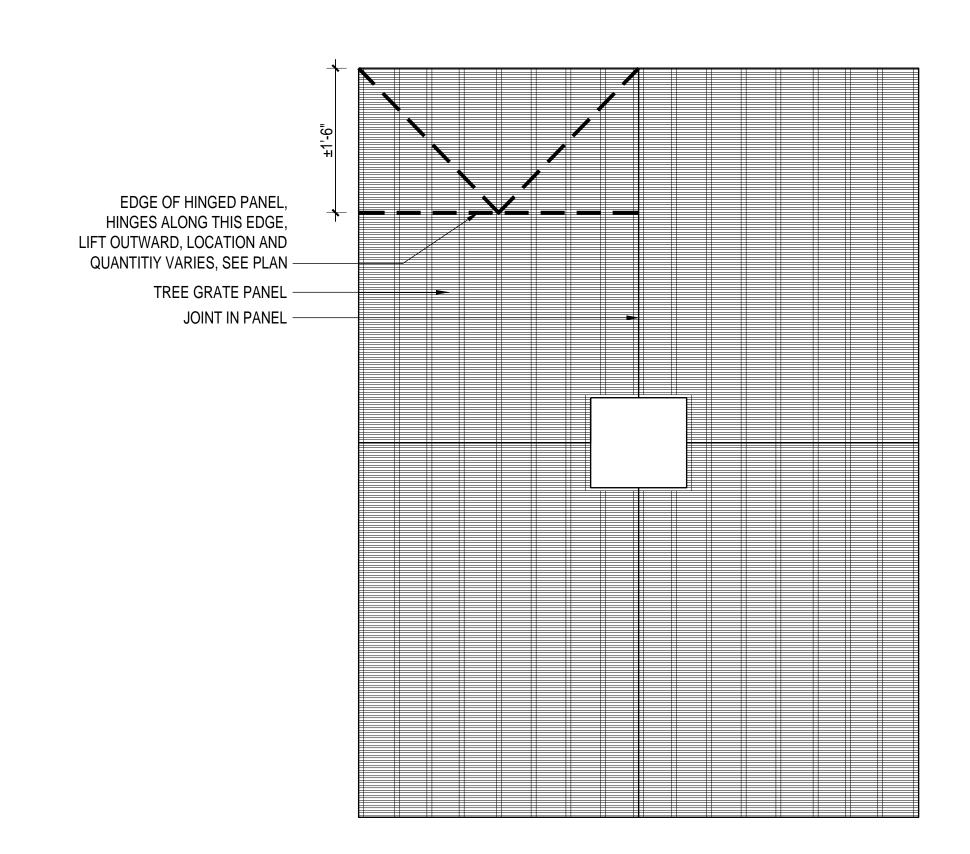
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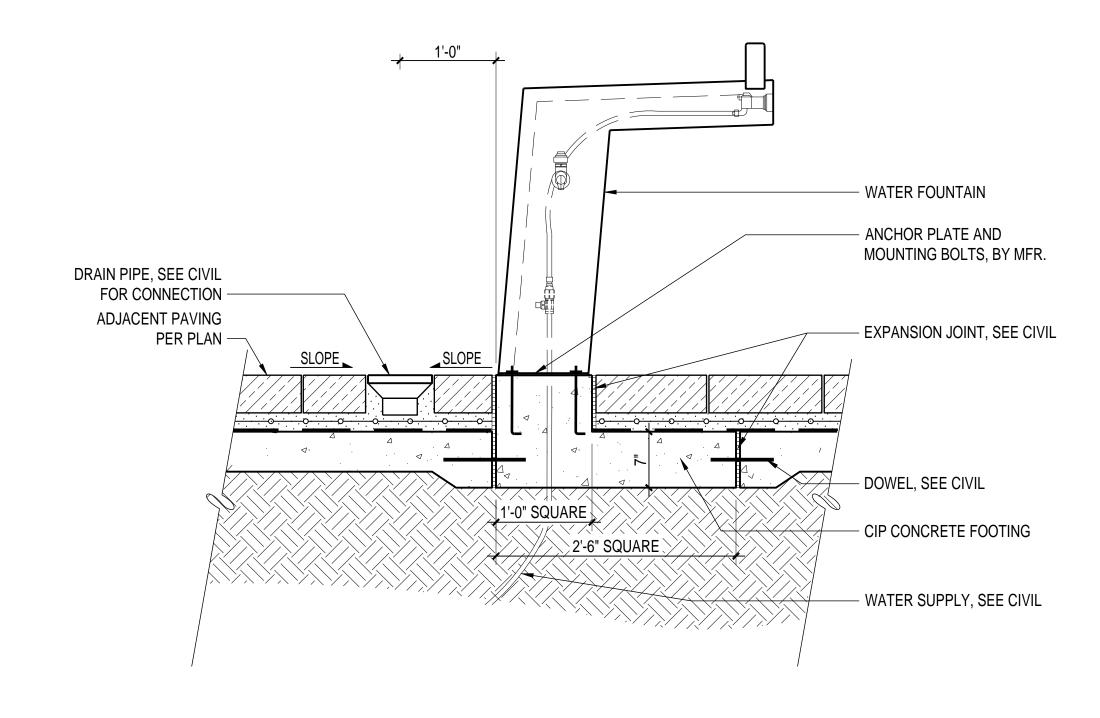
DETAILS - PAVING





PLAN:MODIFIED TREE GRATE

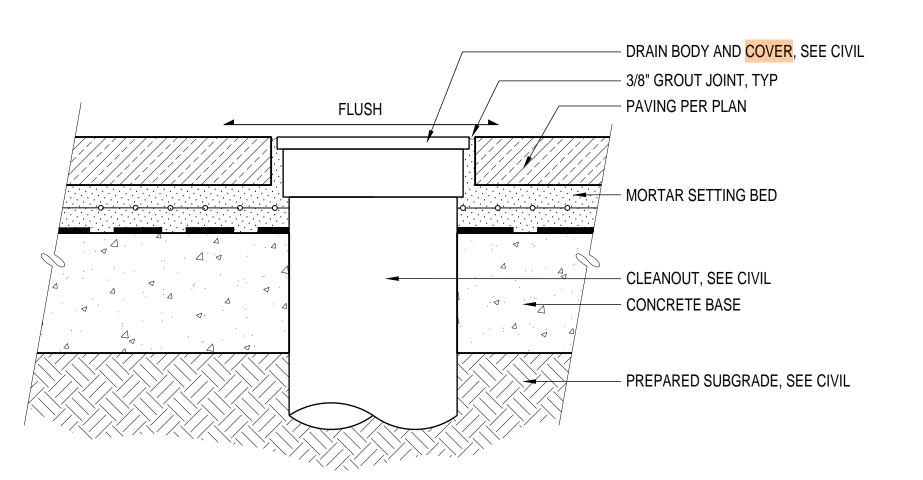
SCALE: 1" = 1'-0"



3 DETAIL: FOUNTAIN TYPE B

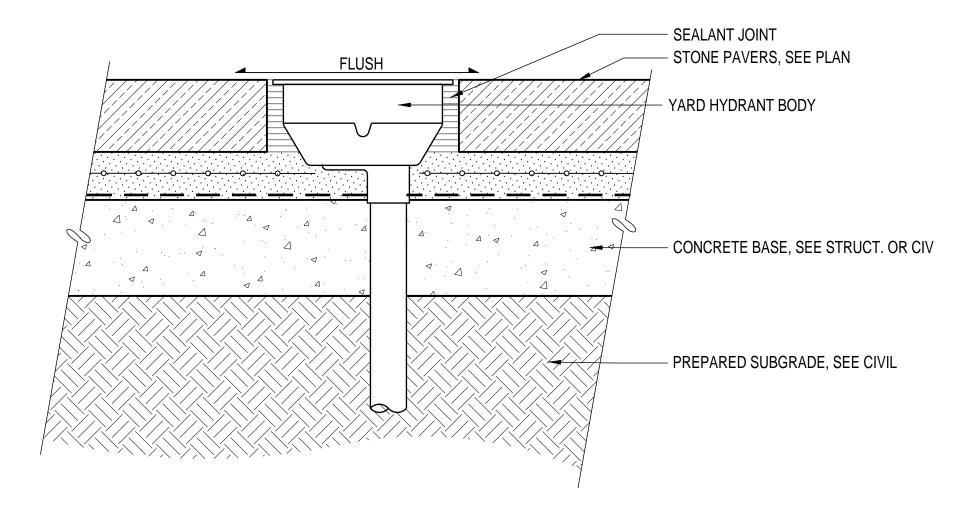
SCALE: 1" = 1'-0"

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



SECTION: CLEANOUT IN PAVING

SCALE: 3" = 1'-0"



SECTION: YARD HYDRANT

SCALE: 3" = 1'-0"





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CNG ENGINEERING

FOUNTAIN CMS COLLABORATIVE PH. 831-425-3743

PH. 210-224-8841

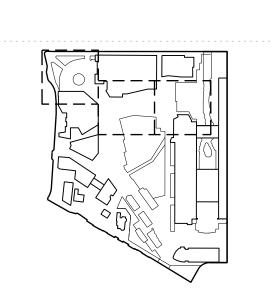
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PH. 206-718-2840

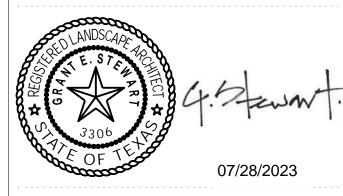
LIGHTING
TILLETT LIGHTING
PH. 212-766-0144

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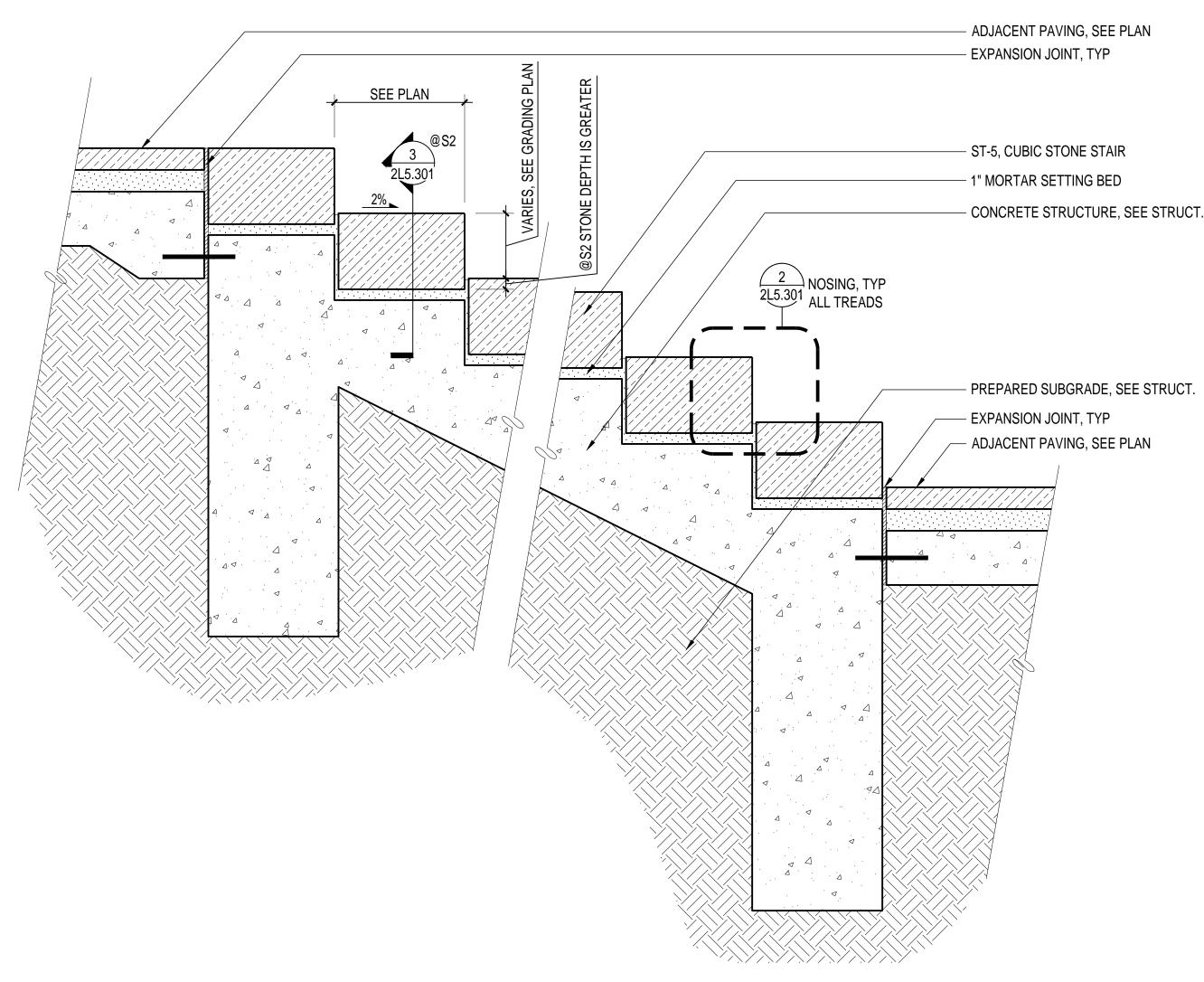
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DETAILS - FURNISHING



- FACE OF STONE - GROOVE IN STAIR — EDGE OF STAIR 1 1/4" O.C. — CUBIC STONE - MORTAR SETTING BED

DETAIL: CUBIC STONE STAIR S1 AND S2

TOP OF CUBIC TREAD -FINISH GRADE -MULCH -PLANTING SOIL CONCRETE STRUCTURE, SEE STRUCT. —

SECTION: S2 EDGE CONDITION

DETAIL: STONE NOSING TEXTURE

SCALE: 6" = 1'-0"

HEMISFAIR CIVIC PARK BID PACKAGE 3: PARK BUILDOUT



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FOUNTAIN CMS COLLABORATIVE

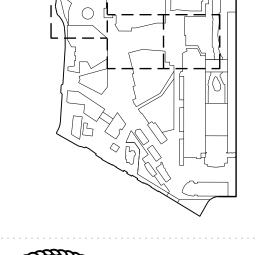
PH. 831-425-3743 COST ESTIMATING

DREW COLLABORATIVE WORKS PH. 206-718-2840

LIGHTING TILLETT LIGHTING PH. 212-766-0144

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SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999



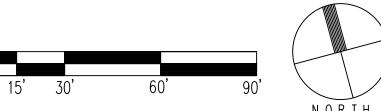


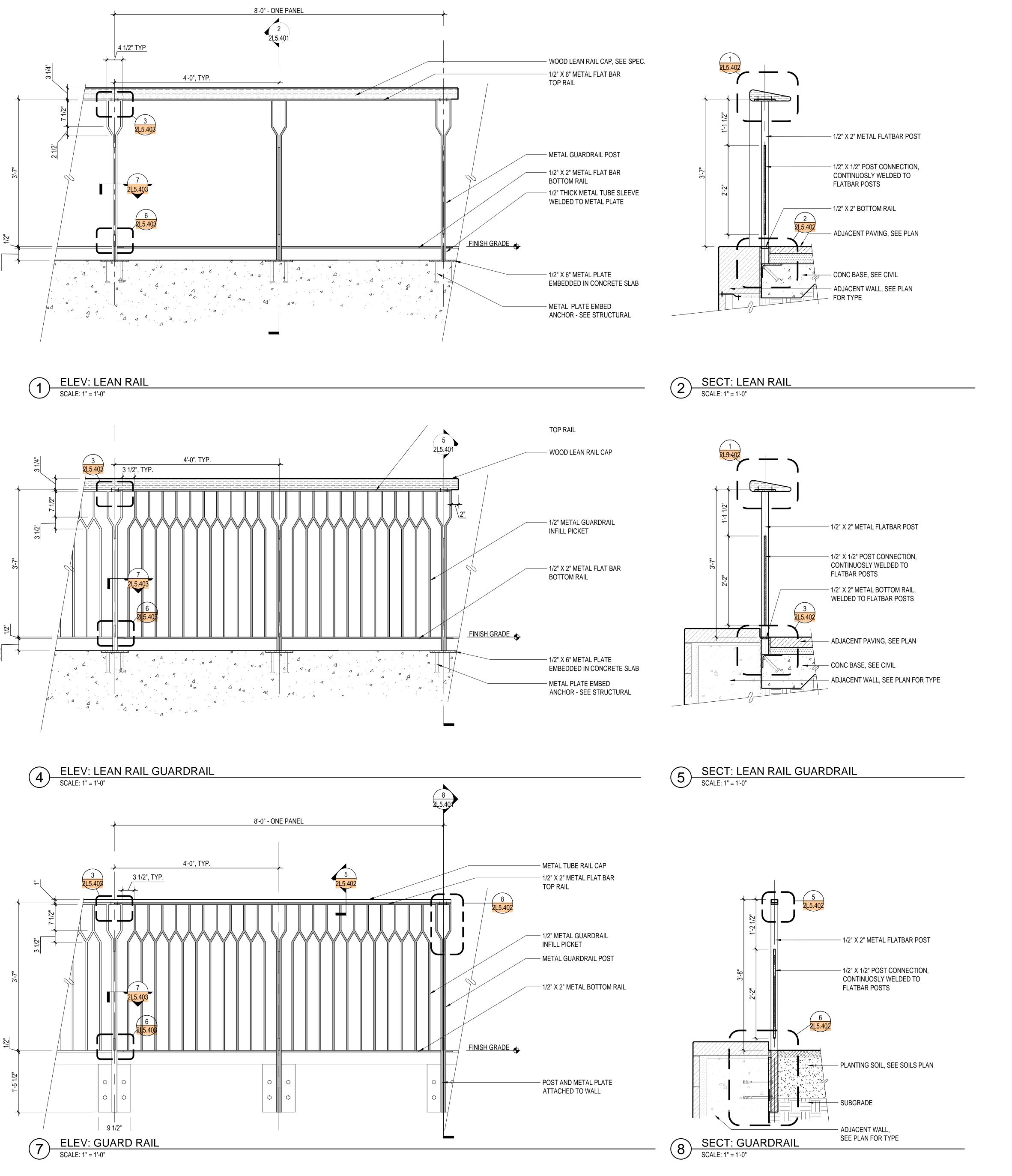
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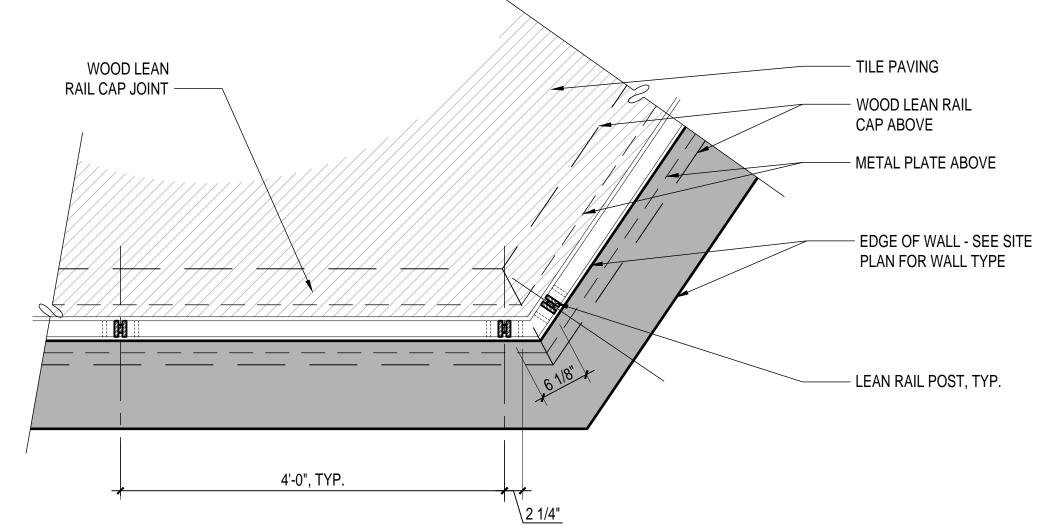
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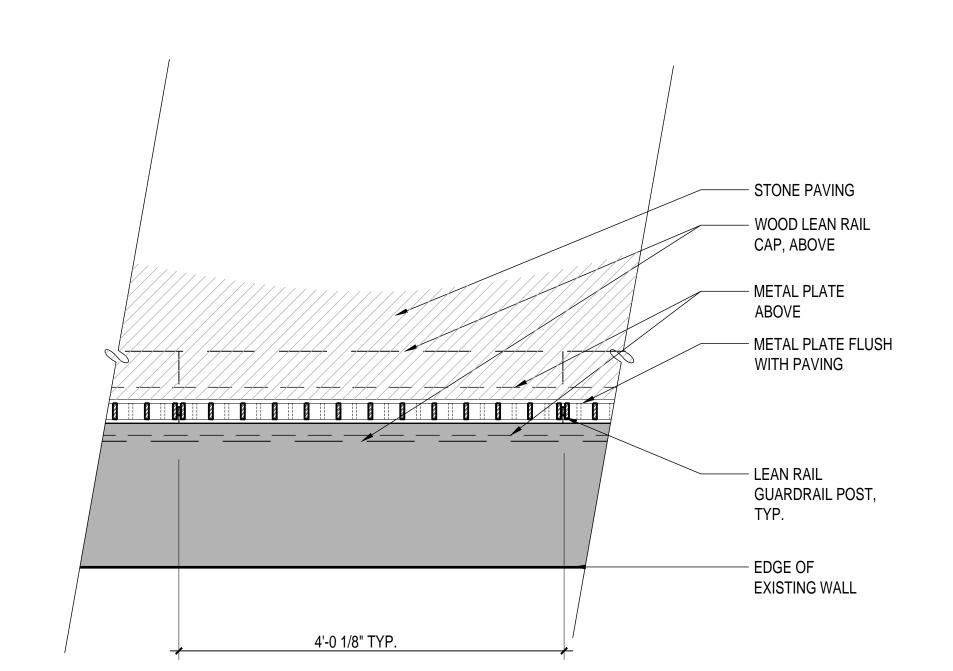
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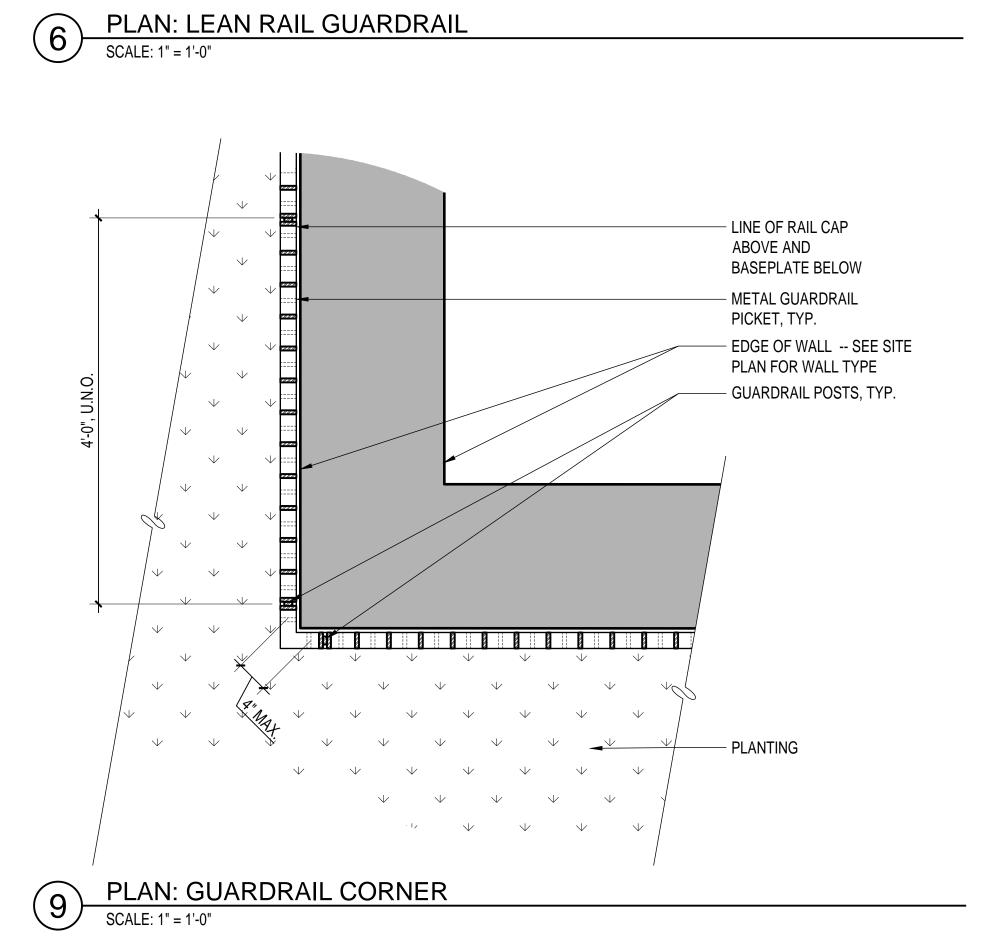






PLAN: LEAN RAIL





HEMISFAIR
CIVIC PARK
BID PACKAGE 3: PARK BUILDOUT



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CNG ENGINEERING
PH. 210-224-8841

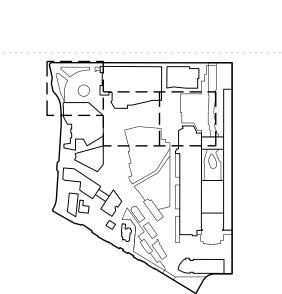
FOUNTAIN
CMS COLLABORATIVE
PH. 831-425-3743

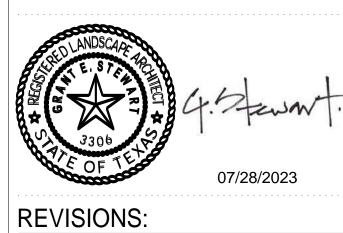
COST ESTIMATING
DREW COLLABORATIVE WORKS

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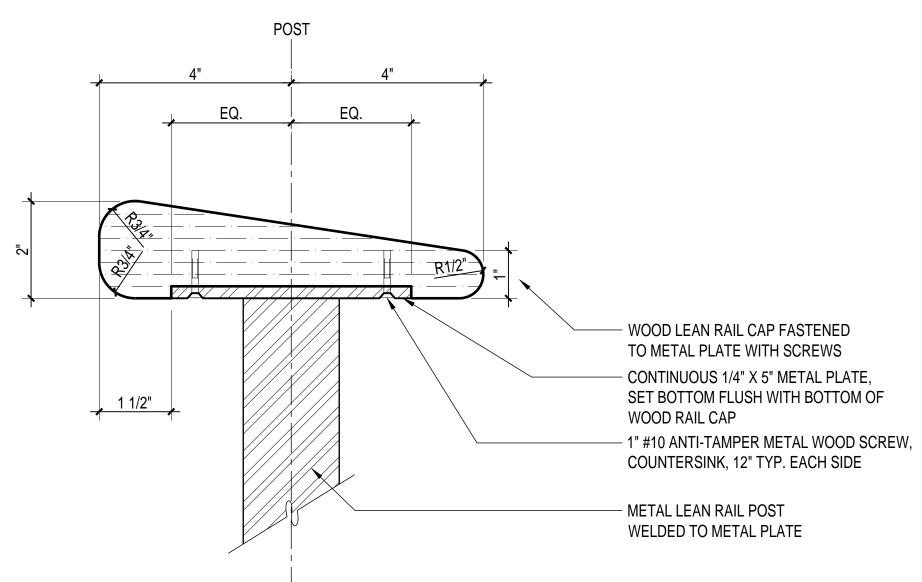
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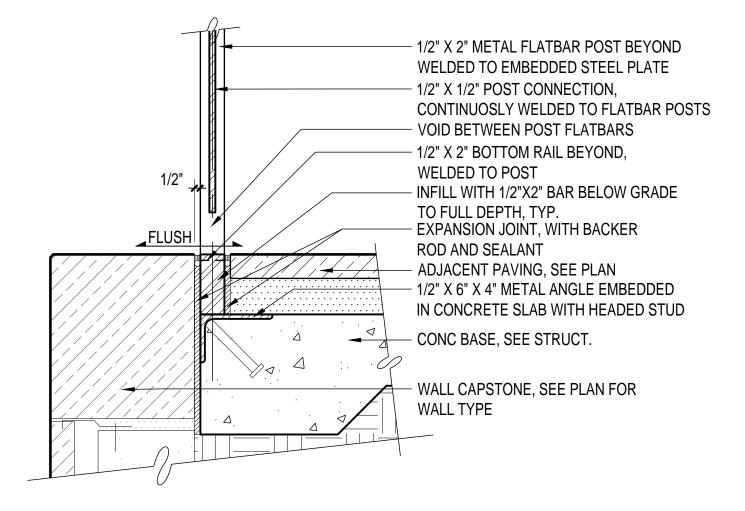
GS/DM

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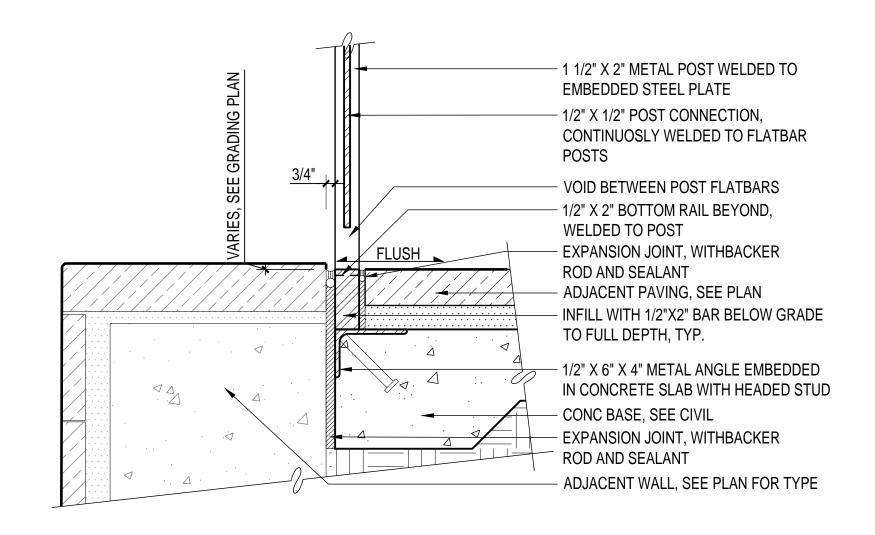
DETAILS - RAILS



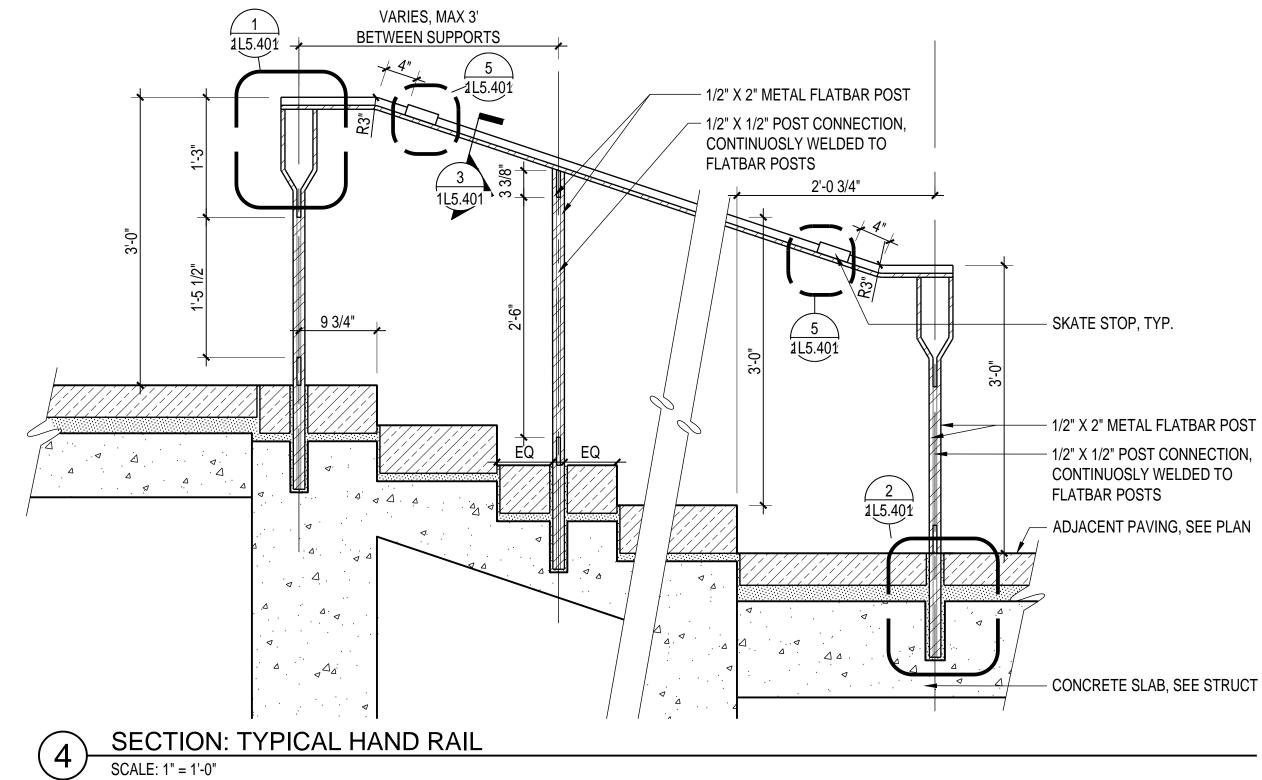
SECTION: TOP LEAN RAIL PLATE



SECTION: LEAN RAIL CONNECTION SCALE: 1 1/2" = 1'-0"



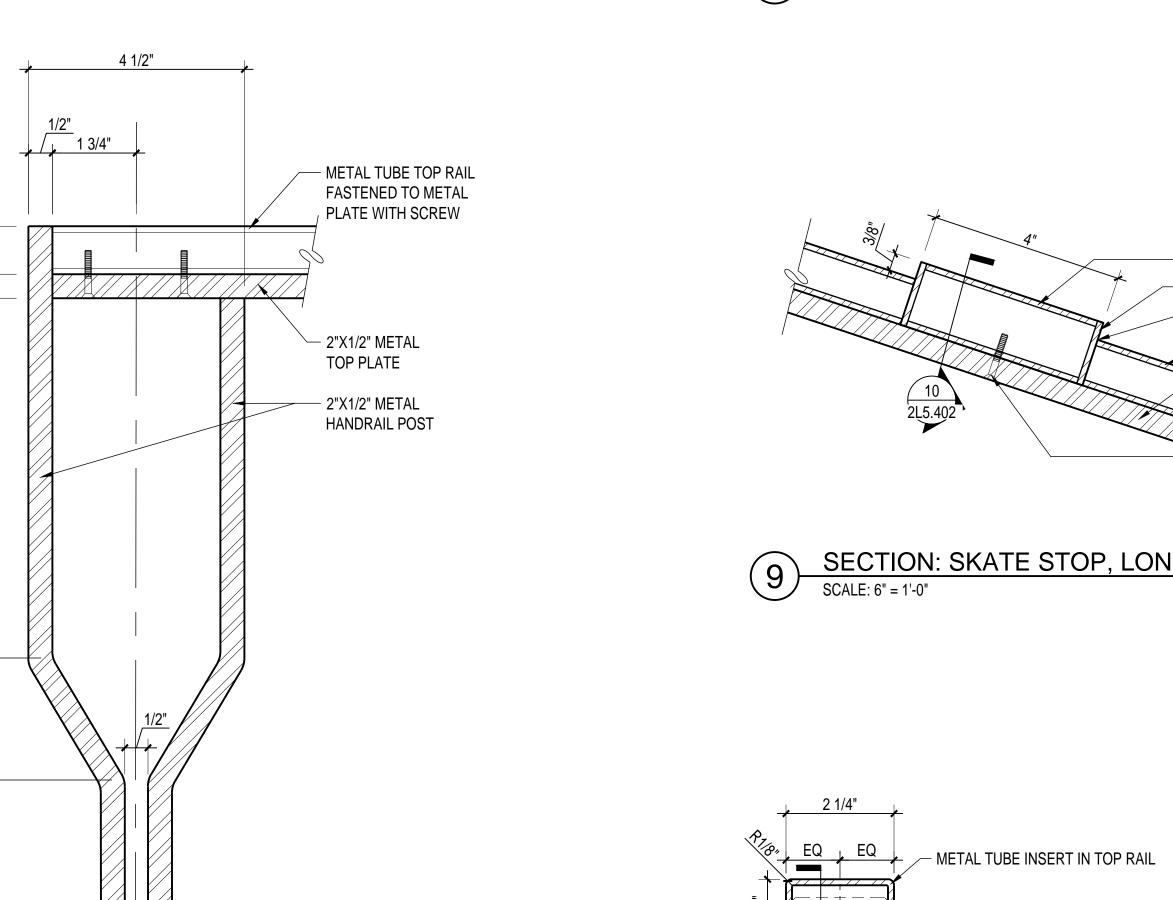
SECTION: LEANRAIL-GUARDRAIL CONNECTION SCALE: 1 1/2" = 1'-0"



3/8" TYP

− 2" X 1/2" METAL HANDRAIL POST, WELD TO TOP PLATE

SECTION: HANDRAIL AND GUARDRAIL TOP RAIL

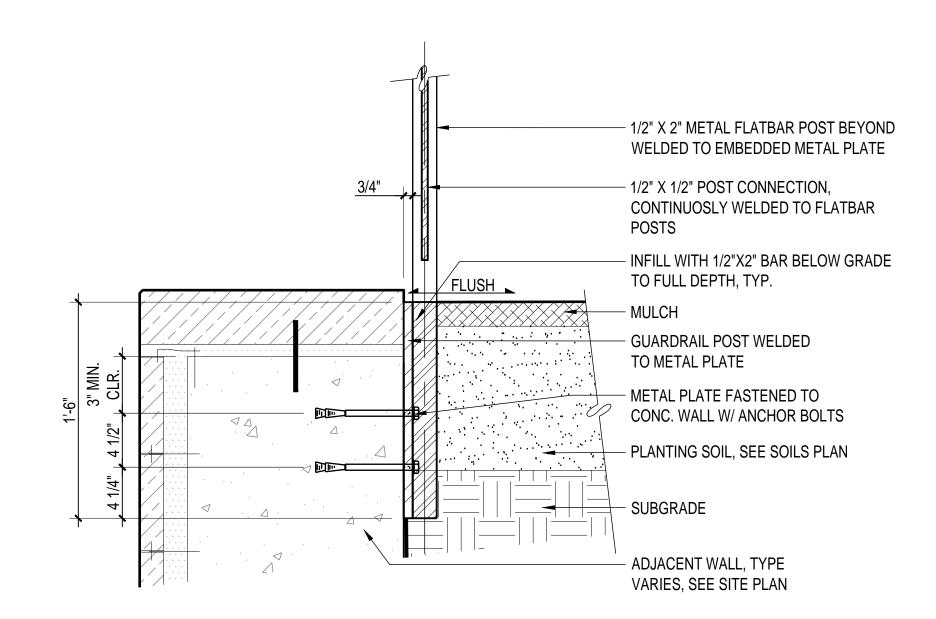


- 1/2"X1/2" METAL POST CONNECTION,

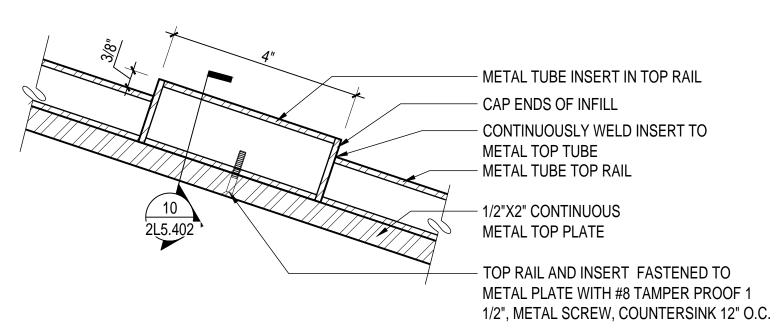
CONTINUOUSLY WELDED TO

HANRDRAIL POSTS, BOTH SIDES

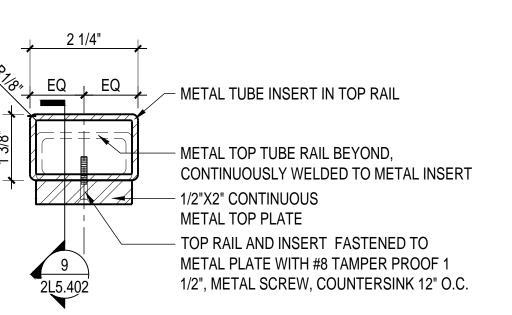
SECTION: HANDRAIL SIDE SCALE: 6" = 1'-0"

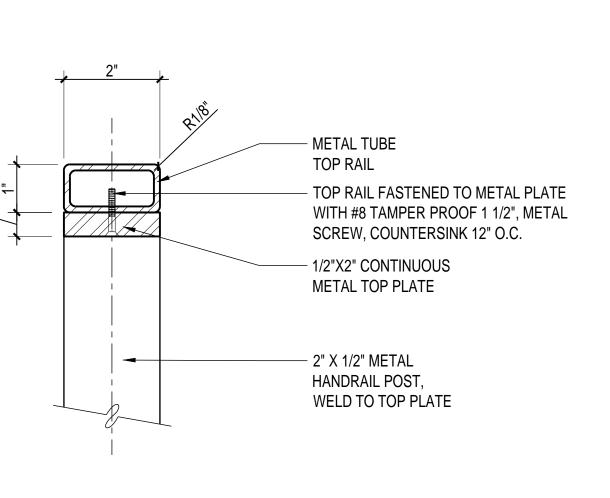


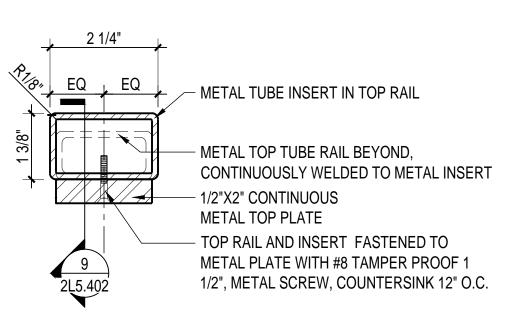
SECTION: GUARD RAIL CONNECTION AT PLANTING



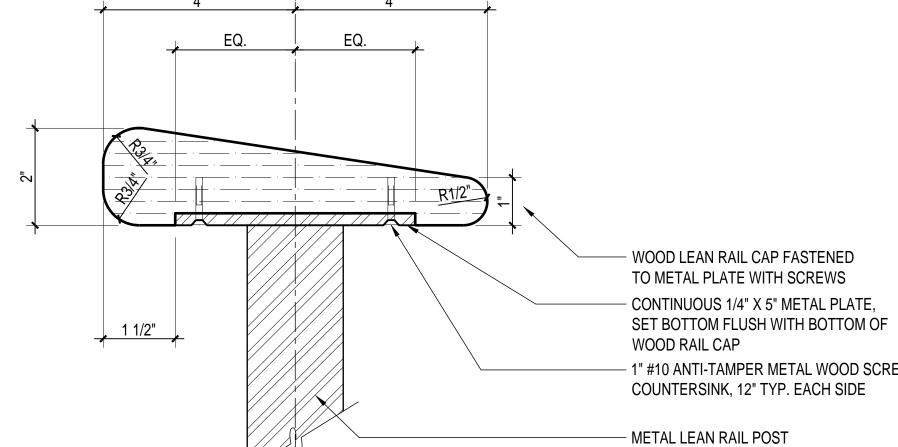
SECTION: SKATE STOP, LONGITUDINAL SECTION



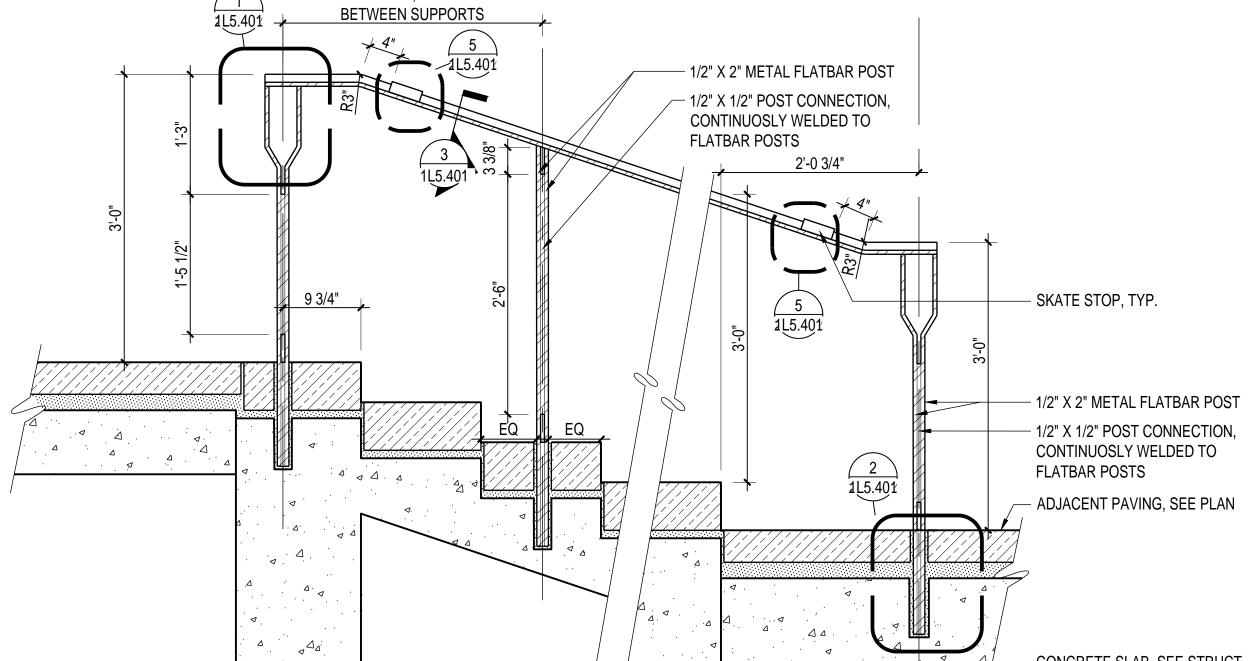




SECTION: SKATE STOP, CROSS SECTION SCALE: 6" = 1'-0"



SCALE: 6" = 1'-0"



METAL HANDRAIL POST

- INFILL WITH 1/2"X2" BAR BELOW GRADE TO FULL DEPTH, TYP.

- DRY PACK SETTING BED

— CONCRETE BASE, SEE

CIVIL OR STRUCTURAL

- CORE DRILL

PAVER PER PLAN

- EPOXY GROUT

SECTION: HANDRAIL CONNECTION SCALE: 3" = 1'-0"

2L5.402

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GGN PROJECT #

DETAILS - RAILS

GS/DM

07/28/2023

07/28/2023

DESCRIPTION

HEMISFAIR

CIVIC PARK

BID PACKAGE 3: PARK BUILDOUT

CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT P.O. BOX 839966

SAN ANTONIO TX 78283-3966 PH. 210-207-6924

HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

PUBLIC WORKS DEPT. PROJECT # 23-01670

100% CONSTRUCTION

DRAWINGS

PHASE 2

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CIVIL ENGINEER MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200

STRUCTURAL ENGINEER
INTELLIGENT ENGINEERING SERVICES

PH. 210-349-9098

PH. 210-224-8841

CMS COLLABORATIVE PH. 831-425-3743

DREW COLLABORATIVE WORKS

COST ESTIMATING

PH. 206-718-2840

LIGHTING TILLETT LIGHTING

PH. 212-766-0144

PH. 210-828-1155

PH. 816-842-8999

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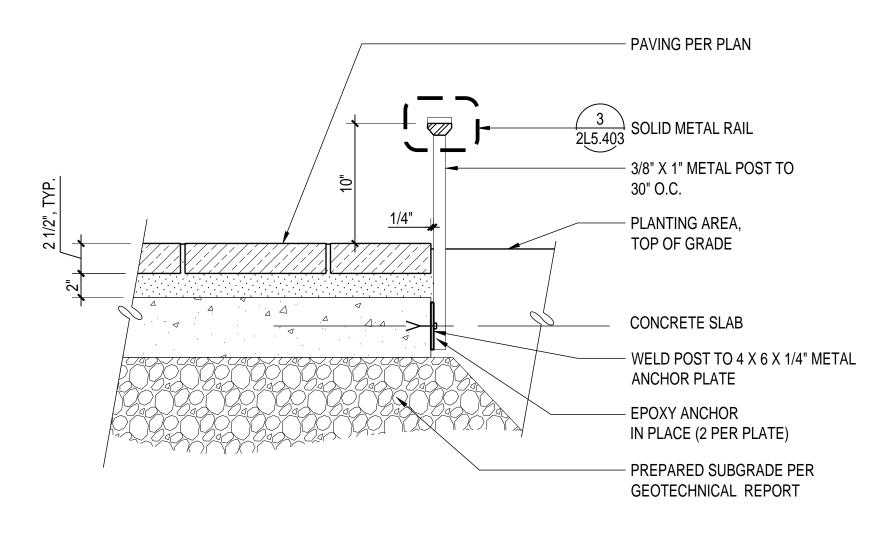
LANDSCAPE ARCHITECT RIALTO STUDIO

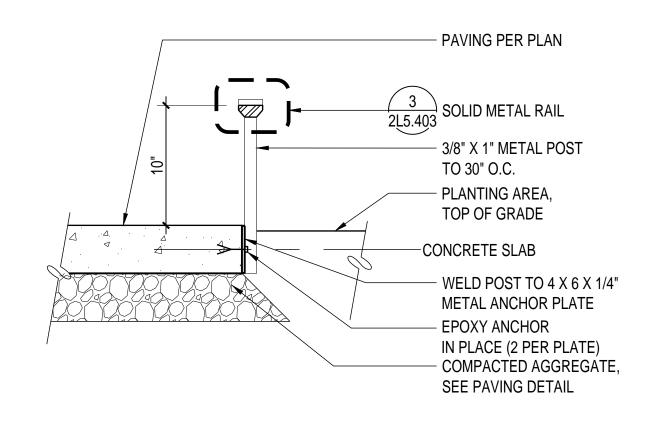
SOILS & IRRIGATION DESIGN

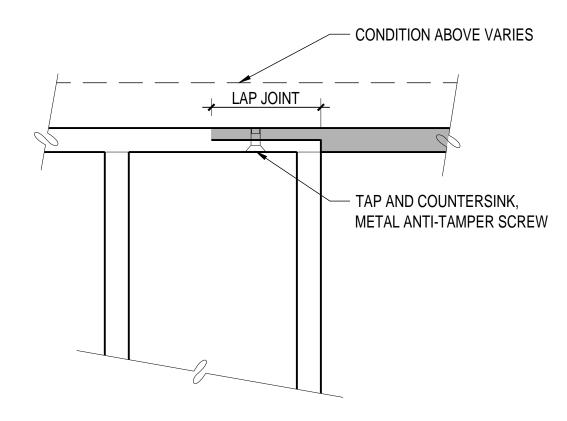
JEFFREY BRUCE & COMPANY

FOUNTAIN

CITY OF SAN ANTONIO
PUBLIC WORKS



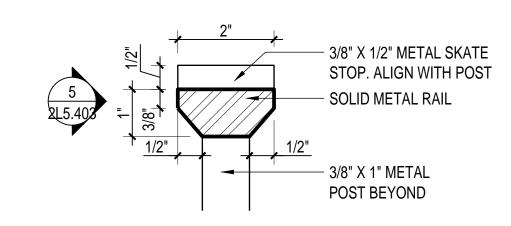




SECTION: RAIL AT STONE PAVING SCALE: 1 1/2" = 1'-0"

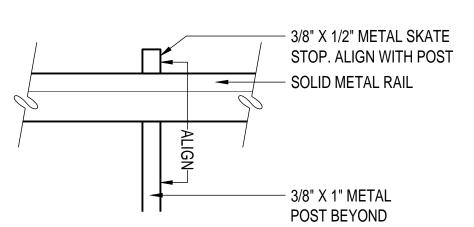
SECTION: RAIL AT PT 1A SCALE: 1 1/2" = 1'-0"

SECTION: RAIL SPLICE, TOP SCALE: 6" = 1'-0"



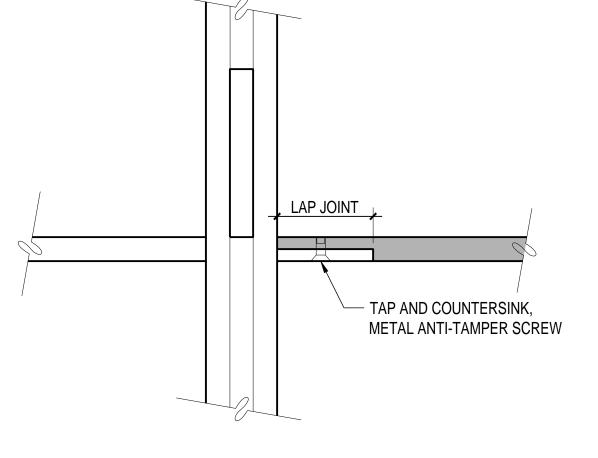
SECTION:PLANTNG TOP RAIL

SCALE: 6" = 1'-0"



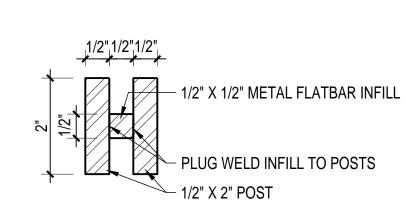


ELEVATION: SKATE STOP



SECTION: RAIL SPLICE, BOTTOM

SCALE: 6" = 1'-0"



SECTION: RAIL POST

SCALE: 6" = 1'-0"

HEMISFAIR CIVIC PARK BID PACKAGE 3: PARK BUILDOUT



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STRUCTURAL ENGINEER INTELLIGENT ENGINEERING SERVICES PH. 210-349-9098

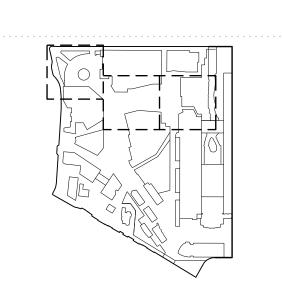
MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841

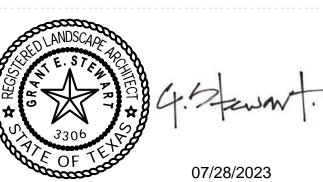
> FOUNTAIN CMS COLLABORATIVE PH. 831-425-3743

COST ESTIMATING DREW COLLABORATIVE WORKS PH. 206-718-2840

LIGHTING TILLETT LIGHTING PH. 212-766-0144 LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155

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DETAILS - RAILS

NOTES

RIVER LEVEL

EXISTING RIVER BUILDING

FUTURE PHASE OF PARK CONSTRUCTION

EXISTING MCI BUILDING

STAGE

EVENT LAWN

EXIST. BLDG.

 P3 BUILDINGS ARE SHOWN FOR REFERENCE ONLY. BUILDING FOOTPRINTS ARE IN DEVELOPMENT, AND ARE EXPECTED TO CHANGE.

HEMISFAIR CIVIC PARK BID PACKAGE 3: PARK BUILDOUT



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PUBLIC WORKS DEPT. PROJECT # 23-01670

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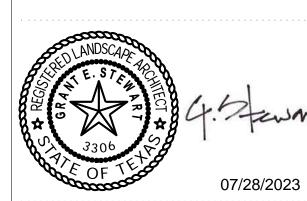
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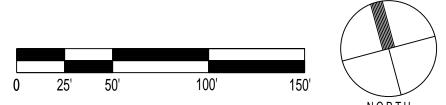
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GS/DM

DATE

O7/28/2023

WATER FEATURE INDEX PLAN

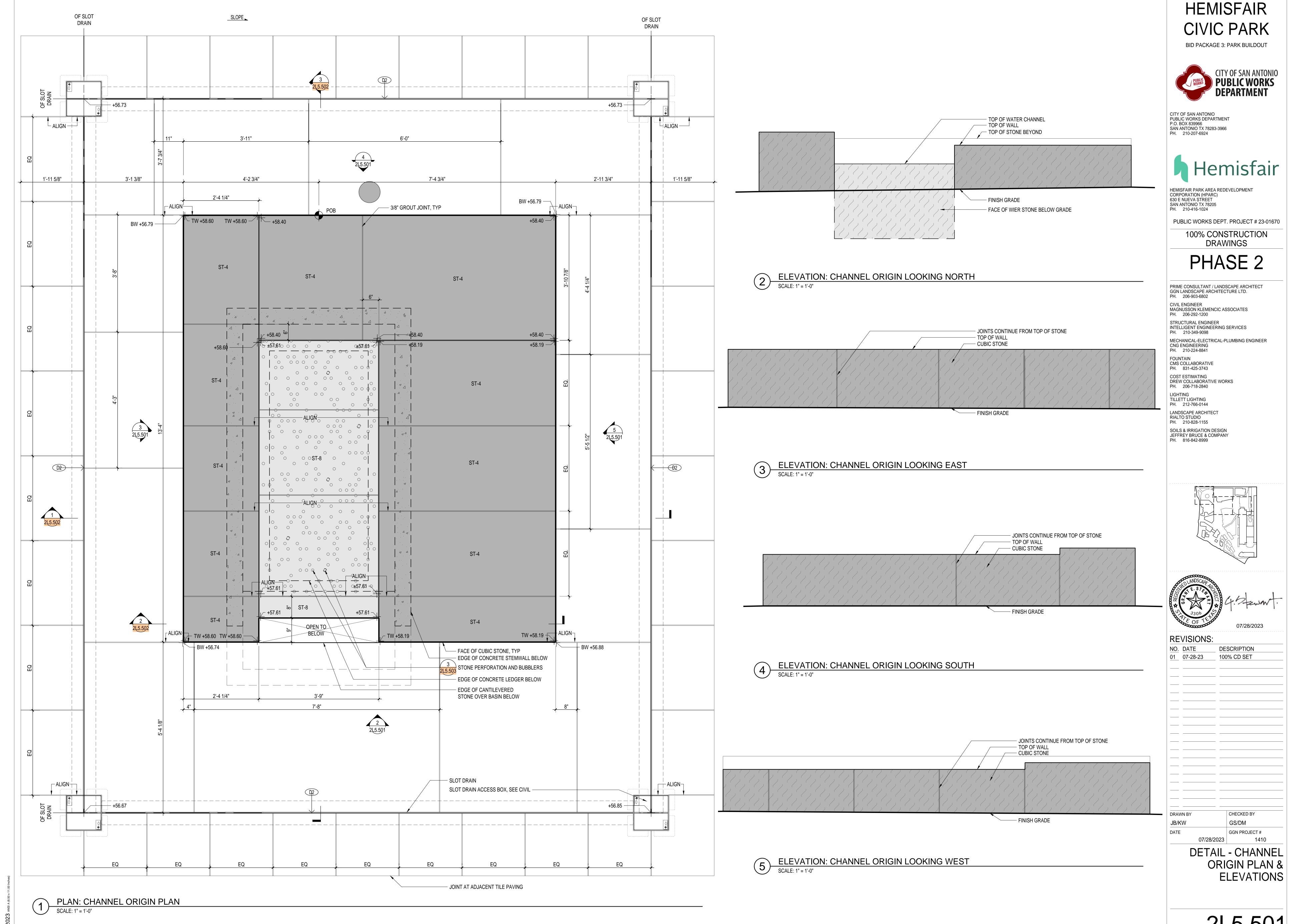


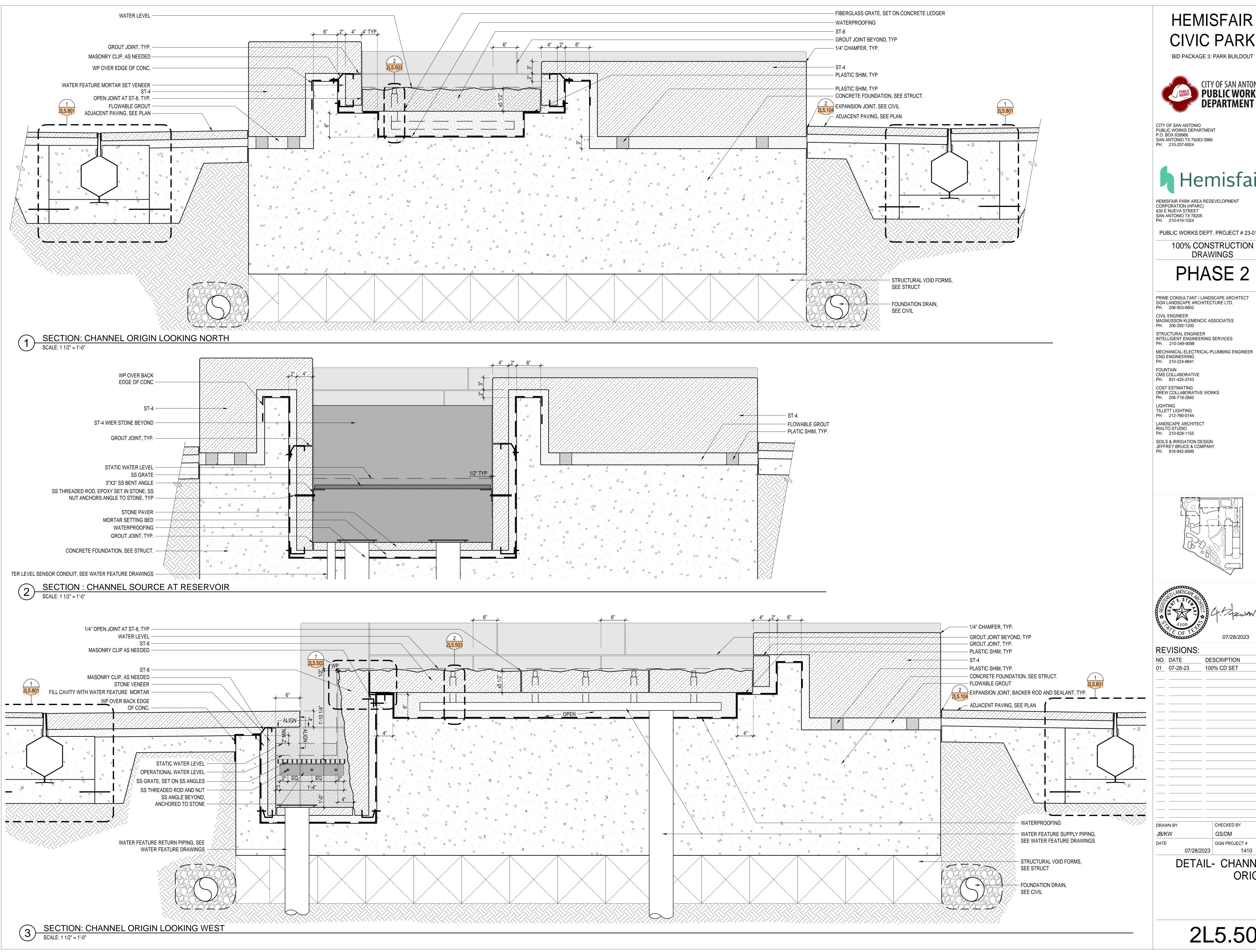


BLDG.

BLDG.

E. MARKET ST





HEMISFAIR CIVIC PARK



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CIVIL ENGINEER MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200

STRUCTURAL ENGINEER
INTELLIGENT ENGINEERING SERVICES

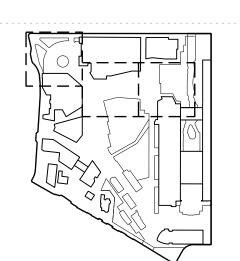
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DETAIL- CHANNEL ORIGIN

GGN PROJECT #

	STRUCTURAL ABBR	REVIATIONS	
AB -	ANCHOR BOLT ABOVE	L -	LENGTH
ABV - ACI -	AMERICAN CONCRETE INSTITUTE	LBS - LL -	POUNDS LIVE LOAD
ADDL – ADH –	ADDITIONAL ADHESIVE	LLH -	LONG LEG HORIZONTAL
ADJ -	ADJACENT	LLV - LO -	LONG LEG VERTICAL LOW
AFF - AGGR -	ABOVE FINISHED FLOOR AGGREGATE	LOC - LONG -	LOCATION LONGITUDINAL
AHU -	AIR HANDLING UNIT	LP -	LOW POINT
AISC -	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	LSH - LSL -	LONG SIDE HORIZONTAL LONG SLOTTED HOLE
ALT – APPD –	ALTERNATE APPROVED	LSV - LW -	LONG SIDE VERTICAL LIGHTWEIGHT
APPROX -	APPROXIMATE	LW -	LIGHTWEIGHT CONCRETE
ARCH -	ARCHITECT (OR) ARCHITECTURAL	M -	MOMENT
BD -	BOARD	MAS -	MASONRY
B.O. – BF –	BOTTOM OF BACK FACE	MATL – MAX –	MATERIAL MAXIMUM
BFF – BIL –	BELOW FINISH FLOOR BOTTOM INSIDE LAYER	MC -	MOMENT CONNECTION(S)
BL -	BUILDING LINE	MECH - MEP -	MECHANICAL MECHANICAL, ELECTRICAL, PLUMBING
BLDG - BLK -	BUILDING BLOCK	MEZZ - MFR -	MEZZANINE MANUFACTURER
BLKG -	BLOCKING	MID -	MIDDLE
BM - BOL -	BEAM BOTTOM OUTSIDE LAYER	MIN - MISC -	MINIMUM MISCELLANEOUS
BOS - BOTT -	BOTTOM OF STEEL BOTTOM	MTL -	METAL
BP -	BASE PLATE	NF -	NEAR FACE
BRDG – BRG –	BRIDGING BEARING	NIC - NOM -	NOT IN CONTRACT NOMINAL
BRKT -	BRACKET	NS -	NON-SHRINK
BRL – BSMT –	BRICKLEDGE BASEMENT	NTS -	NOT TO SCALE
B TO B - BTWN -	BACK TO BACK BETWEEN	OC - OCEW -	ON CENTER ON CENTER EACH WAY
		OD -	OUTSIDE DIAMETER (OR) OVERFLOW DRAIN
C – CANT –	CAMBER CANTILEVER	0F - 0H -	OUTSIDE FACE OPPOSITE HAND
CFS - CG -	COLD FORMED STEEL CENTER OF GRAVITY	OPNG(S) - OPP -	OPENINGS
CGS -	CENTER OF GRAVITY OF STRAND	045 -	OPPOSITE OVER-SIZED HOLE
CIP - CJ -	CAST IN PLACE CONTROL JOINT	P -	PAN
CJP -	COMPLETE JOINT PENETRATION	P/C -	PRECAST CONCRETE
CL - CL G -	CENTER LINE CEILING	PAR - PC -	PARALLEL PIECE
CLR – CMU –	CLEAR (OR) CLEARANCE	PCF - PEMB -	POUNDS PER CUBIC FOOT PRE-ENGINEERED METAL BUILDING
COL -	CONCRETE MASONRY UNIT COLUMN	PERP -	PERPENDICULAR
C OR COMP - CONC -	COMPRESSION CONCRETE	PI - PJ -	PLASTICITY INDEX PANEL JOINT
CONN(S) -	CONNECTION(S)	PJP –	PARTIAL JOINT PENETRATION
CONST - CONST JT -	CONSTRUCTION CONSTRUCTION JOINT	PL – PLF –	PLATE POUNDS PER LINEAR FOOT
CONT - CONTR -	CONTINUOUS	PLYWD - PREFAB -	PLYWOOD PREFABRICATED
COORD -	CONTRACTOR COORDINATE	PRELIM -	PRELIMINARY
CTSK - CVR -	COUNTER SINK COVER	PROJ - PSF -	PROJECTION POUNDS PER SQUARE FOOT
DBA -	DEFORMED BAR ANCHOR	PSI - PT -	POUNDS PER SQUARE INCH
DBL -	DOUBLE	P-T -	POINT (OR) PRESSURE TREATED POST-TENSION(ED)
DEV – DFL –	DEVELOPMENT DOUGLAS FIR LARCH	QTY -	QUANTITY
DIA -	DIAMETER		
DIAG - DIM(S) -	DIAGONAL DIMENSION(S)	R - RCP -	RADIUS (OR) REACTION (OR) REMAINDER REINFORCED CONCRETE PIPE
DKG – DL –	DECKING DEAD LOAD	RD -	ROOF DRAIN
DN -	DOWN	REINF - REQ -	REINFORCE(ING)(ED)(MENT) REQUIRE(MENT)
DS - DTL -	DOWNSPOUT DETAIL	REQD - RET -	REQUIRED RETAINING
DVTL - DWG(S) -	DOVETAIL DRAWING(S)	RET SYS -	RETENTION SYSTEM
DWL(S) -	DOWEL(S)	RM - RND -	ROOM ROUND
EA -	EACH	RO -	ROUGH OPENING
EF -	EACH FACE (OR) EXHAUST FAN	SCHED -	SCHEDULE(D)
EJ - EL -	EXPANSION JOINT ELEVATION	SECT - SF -	SECTION SQUARE FOOT
ELEC - EMBED -	ELECTRICAL EMBEDMENT	SHT - SHTG -	SHEET
ENGR -	ENGINEER	SIM -	SHEATHING SIMILAR
EOR - EQ -	ENGINEER OF RECORD EQUAL (OR) EQUIVALENT	SL - SOG -	SLOPE SLAB ON GRADE
EQUIP -	EQUIPMENT	SPA -	SPACE
EW - EXIST -	EACH WAY EXISTING	SPECD - SPEC(S) -	SPECIFIED SPECIFICATION(S)
EXP - EXT -	EXPANSION EXTERIOR	5Q - 5S -	SQUARE STAINLESS STEEL
EXTN -	EXTENSION	SSL -	SHORT SLOTTED HOLE
F TO F -	FACE TO FACE	STAGG - STD -	STAGGERED STANDARD
FABR - FD -	FABRICATOR FLOOR DRAIN	STIFF -	STIFFENER
FDN -	FOUNDATION	STIRR - STL -	STIRRUPS STEEL
FFE - FIN -	FINISHED FLOOR ELEVATION FINISH (OR) FINISHED	STR - STRUCT -	STRAIGHT STRUCTURE (OR) STRUCTURAL
FIN FL -	FINISHED FLOOR	SUBCONTR -	SUBCONTRACTOR
FL – FRMG –	FLOOR FRAMING	SUPT(S) — SW —	SUPPORT(S) SHEARWALL (OR) SIDEWALK
FS - FT -	FAR SIDE FOOT (OR) FEET	J/ (S
FTG -	FOOTING	T -	TENSION
		T.O	TOP OF
GA – GALV –	GAGE (OR) GAUGE GALVANIZED	T&B - TEMP -	TOP AND BOTTOM TEMPERATURE
GC -	GENERAL CONTRACTOR	THK - THRD -	THICK THREAD(ED)
GR - GR BM -	GRADE GRADE BEAM	TIL -	TOP INSIDE LAYER
		ТОВ - ТОС -	TOP OF BEAM TOP OF CONCRETE
HB - HCA -	HORIZONTAL BRACE HEADED CONCRETE ANCHOR	TOF - TOL -	TOP OF FOOTING TOP OUTSIDE LAYER
HDG - HDR -	HOT DIP GALVANIZED HEADER	TOP -	TOP OF PIER
HI -	HIGH	TOPC - TOS -	TOP OF PIER (PILE) CAP TOP OF STEEL
HK - HL -	HOOK HOLE	TOW -	TOP OF WALL
HORIZ - HP -	HORIZONTAL	TR – TRANSV –	TREAD TRANSVERSE
HS -	HIGH POINT HEADED STUD	TYP -	TYPICAL
HSS - HT -	HOLLOW STRUCTURAL SECTION HEIGHT		
		UNO -	UNLESS NOTED OTHERWISE
ID - IF -	INSIDE DIAMETER INSIDE FACE	V -	SHEAR
IN - INFO -	INCH INFORMATION	VB - VERT -	VERTICAL BRACE VERTICAL
INT -	INTERIOR	VIF -	VERIFY IN FIELD
INTERM -	INTERMEDIATE	W - W/ -	WIDTH WITH
JST(S) -	IOIST(S)	/N/ -	7 31 1 1 1

WIDTH
WITH
WITHOUT
WIND LOAD
WORK POINT
WATERPROOFING
WATERSTOP
WEIGHT
WELDED WIRE MESH

IN -INFO -INT -INTERM -

JST(S) -JT -

KLF -KSF -KSI -

JOIST(S) JOINT

KIPS (1000 LBS) KIP PER LINEAR FOOT KIP PER SQUARE FOOT KIP PER SQUARE INCH

SYMBOLS LEG	END
SYMBOL	DESCRIPTION
PIER TYPE, T.O.PIER EL PENETRATION	CONCRETE PIER
COLUMN SIZE BASE PLATE TYPE	STEEL COLUMN
CI	CONCRETE COLUMN
<u> </u>	WELDED METAL BAR GRATING
	SLAB OR DECK SPAN DIRECTION
7777	DROP IN SLAB OR DECK
	DROP AND SLOPE IN SLAB OR DECK
7//////////////////////////////////////	SLOPE IN SLAB OR DECK
S	STEEL BEAM SPLICE
	MASONRY WALL
	WINDOW IN MASONRY WALL
	DOOR IN MASONRY WALL
	EXISTING CONSTRUCTION
	MISCELLANEOUS, SEE PLAN

HEMISFAIR CIVIC PARK BID PACKAGE 3: PARK BUILDOUT



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FOUNTAIN

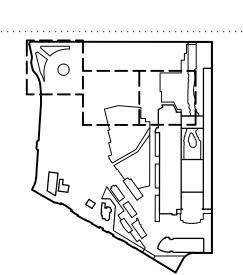
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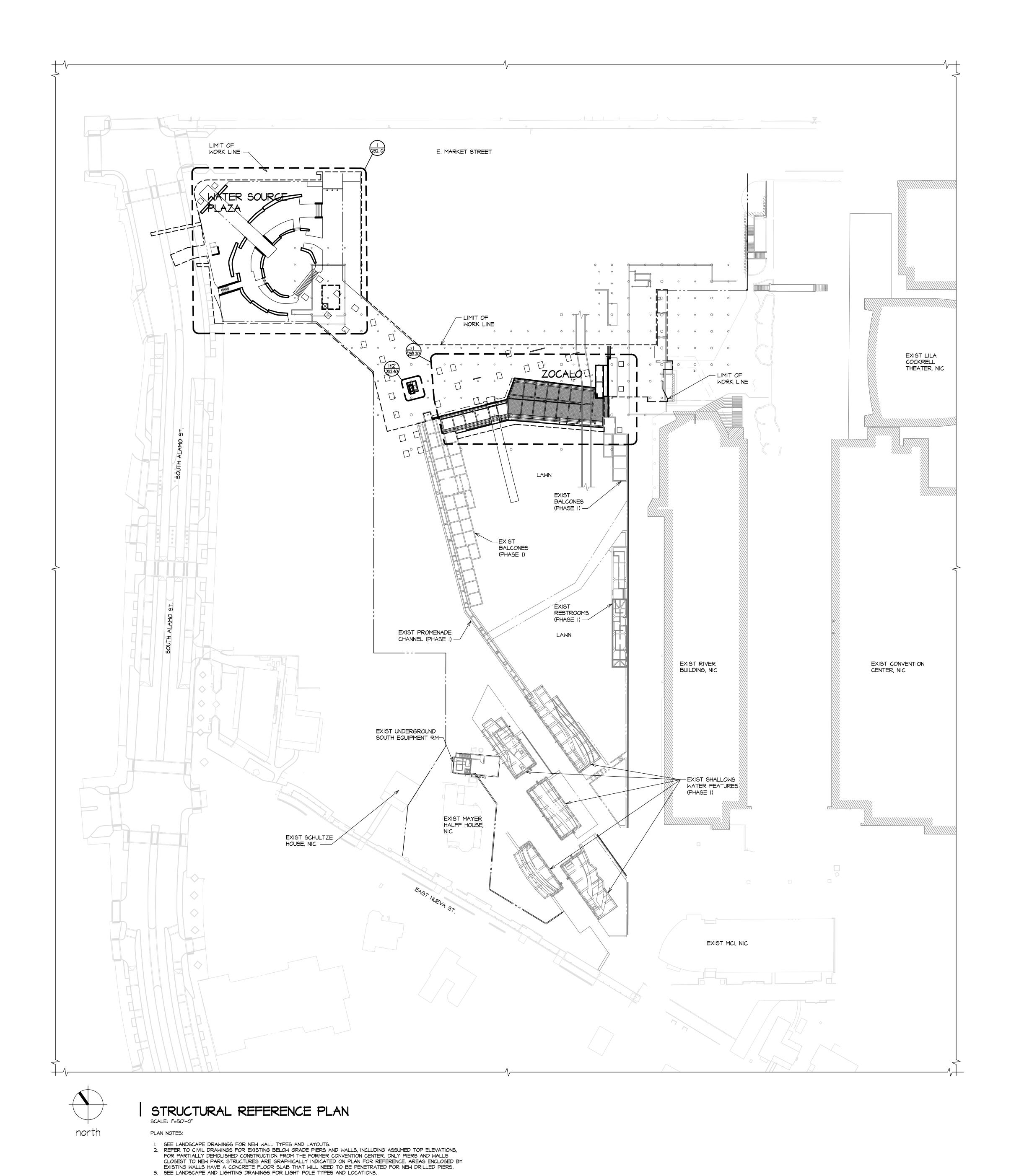


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Chui P	M. Minney	• 07/28/20:	2

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NO. DATE	DESCRIPTION

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ABBREVIATIONS AND LEGEND





CITY OF SAN ANTONIO
PUBLIC WORKS DEPARTMENT
P.O. BOX 839966
SAN ANTONIO TX 78283-3966
PH. 210-207-6924



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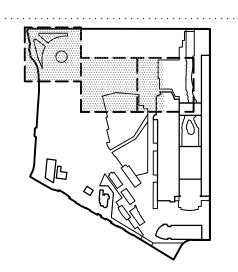
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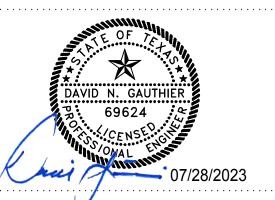
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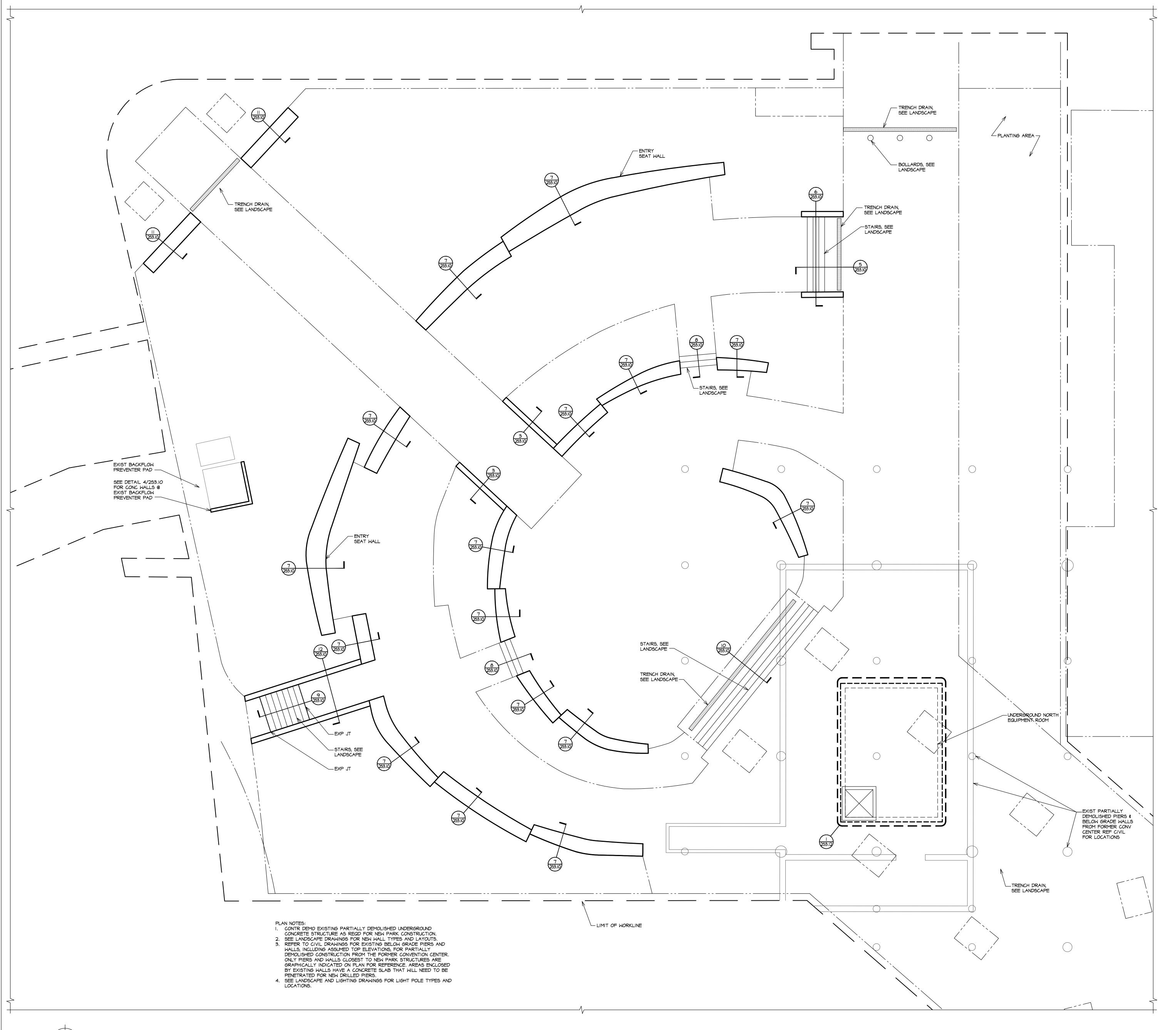
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DATE

GGN PROJECT #

07/28/2023

STRUCTURAL REFERENCE PLAN



HEMISFAIR CIVIC PARK

BID PACKAGE 3: PARK BUILDOUT



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DRAWINGS

PHASE 2

PRIME CONSULTANT / LANDSCAPE ARCHITECT GGN LANDSCAPE ARCHITECTURE, LTD. PH. 206-903-6802

CIVIL ENGINEER MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200

STRUCTURAL ENGINEER INTELLIGENT ENGINEERING SERVICES PH. 210-349-9098

MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING PH. 210-224-8841

PH. 210-224-8841 FOUNTAIN

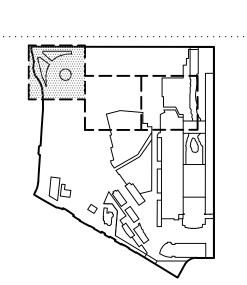
CMS COLLABORATIVE PH. 831-425-3743

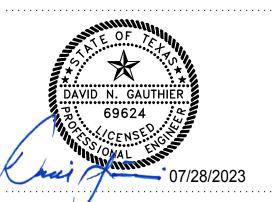
COST ESTIMATING
DREW COLLABORATIVE WORKS
PH. 206-718-2840

LIGHTING TILLETT LIGHTING PH. 212-766-0144

LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155

SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999





REVISIONS:

NO. DATE DESCRIPTION

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IES-STAFF

DG

DATE

07/28/2023

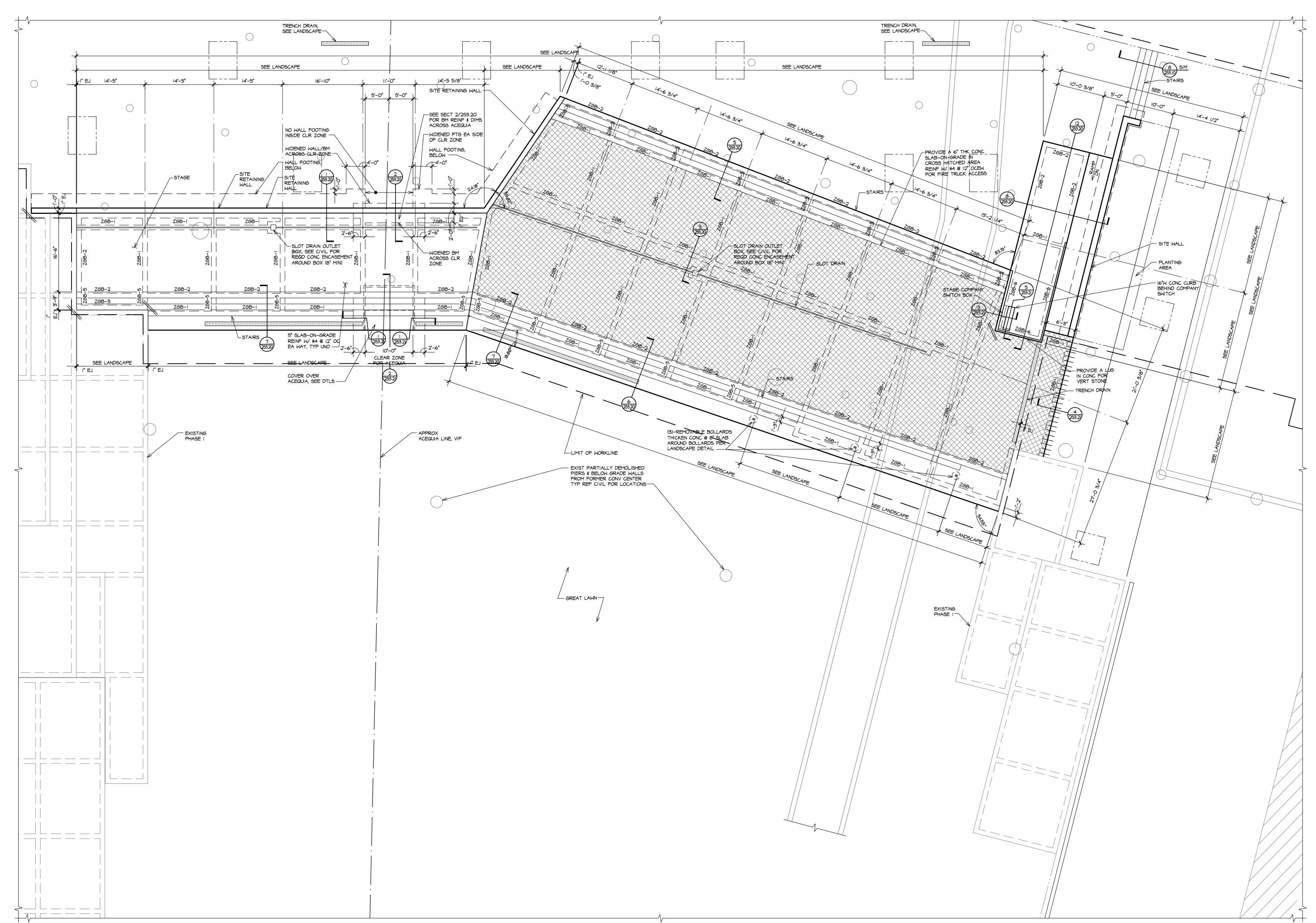
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DG

GGN PROJECT #

ENLARGED PLAN PLAZA





ENLARGED ZOCALO PLAN SCALE: 1/8" = 1'-0"

PLAN NOTES:
I. CONTR DEMO EXISTING PARTIALLY DEMOLISHED UNDERGROUND CONCRETE STRUCTURE

- AS REQD FOR NEW PARK CONSTRUCTION.

 2. SEE LANDSCAPE DRAWINGS FOR NEW WALL TYPES AND LAYOUTS.

 3. REFER TO CIVIL DRAWINGS FOR EXISTING BELOW GRADE PIERS AND WALLS, INCLUDING ASSUMED TOP ELEVATIONS, FOR PARTIALLY DEMOLISHED CONSTRUCTION FROM THE FORMER CONVENTION CENTER. ONLY PIERS AND WALLS CLOSEST TO NEW PARK STRUCTURES ARE GRAPHICALLY INDICATED ON PLAN FOR REFERENCE. AREAS ENCLOSED BY EXISTING WALLS HAVE A CONCRETE FLOOR SLAB THAT WILL NEED TO
- BE PENETRATED FOR NEW DRILLED PIERS.

 4. SEE LANDSCAPE AND LIGHTING DRAWINGS FOR LIGHT POLE TYPES AND LOCATIONS.

ZOCALO GRADE BEAM SCHEDULE					
MARK	BEAM SIZE	BEAM REINFORCING *			
Z6B-I	1'-0"x2'-6"	(2)-#6 TOP ¢ BOTT W/ #3 □ @ 18" OC			
Z GB -2	l'-0"x4'-0"	(2)-#6 TOP & BOTT W/ #3 □ @ 18" OC			
ZGB-3	l'-0"x3'-0"	(2)-#6 TOP ¢ BOTT W/ #3 □ @ 18" OC			
ZGB-4	2'-0"x2'-0"	(2)-#6 TOP & BOTT W/ #3 ☐ @ 18" OC			
ZGB-5	l'-0"x2'-6"/4'-0"	(2)-#6 TOP & BOTT W/ #3 □ @ 18" OC			
ZGB-6	l'-6"x5'-0"	(2)-#6 TOP ¢ BOTT W/ #3 □ @ 18" OC			

* CONTINUOS TOP & BOTTOM REINFORCING FOR GRADE SUPPORTED BEAMS IN THIS SCHEDULE MAY BE PROVIDED WITH A CLASS B LAP SPLICE AT ANY POINT ALONG THE BEAM LENGTH. BEAMS OVER 2'-6" DEEP SHALL HAVE #4 CONT HORIZ BARS SPACED @ 12" OC EA FACE

HEMISFAIR
CIVIC PARK
BID PACKAGE 3: PARK BUILDOUT



CITY OF SAN ANTONIO PUBLIC WORKS DEPARTMENT P.O. BOX 839966 SAN ANTONIO TX 78283-3966 PH. 210-207-6924



HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

PUBLIC WORKS DEPT. PROJECT # 23-01670

100% CONSTRUCTION
DRAWINGS

PHASE 2

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CIVIL ENGINEER
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COST ESTIMATING

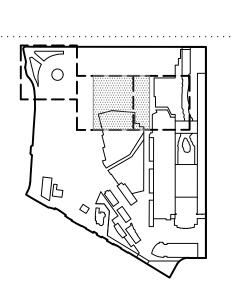
PH. 210-349-9098

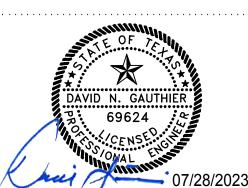
DREW COLLABORATIVE WORKS PH. 206-718-2840 LIGHTING

TILLETT LIGHTING PH. 212-766-0144

LANDSCAPE ARCHITECT RIALTO STUDIO PH. 210-828-1155

SOILS & IRRIGATION DESIGN JEFFREY BRUCE & COMPANY PH. 816-842-8999





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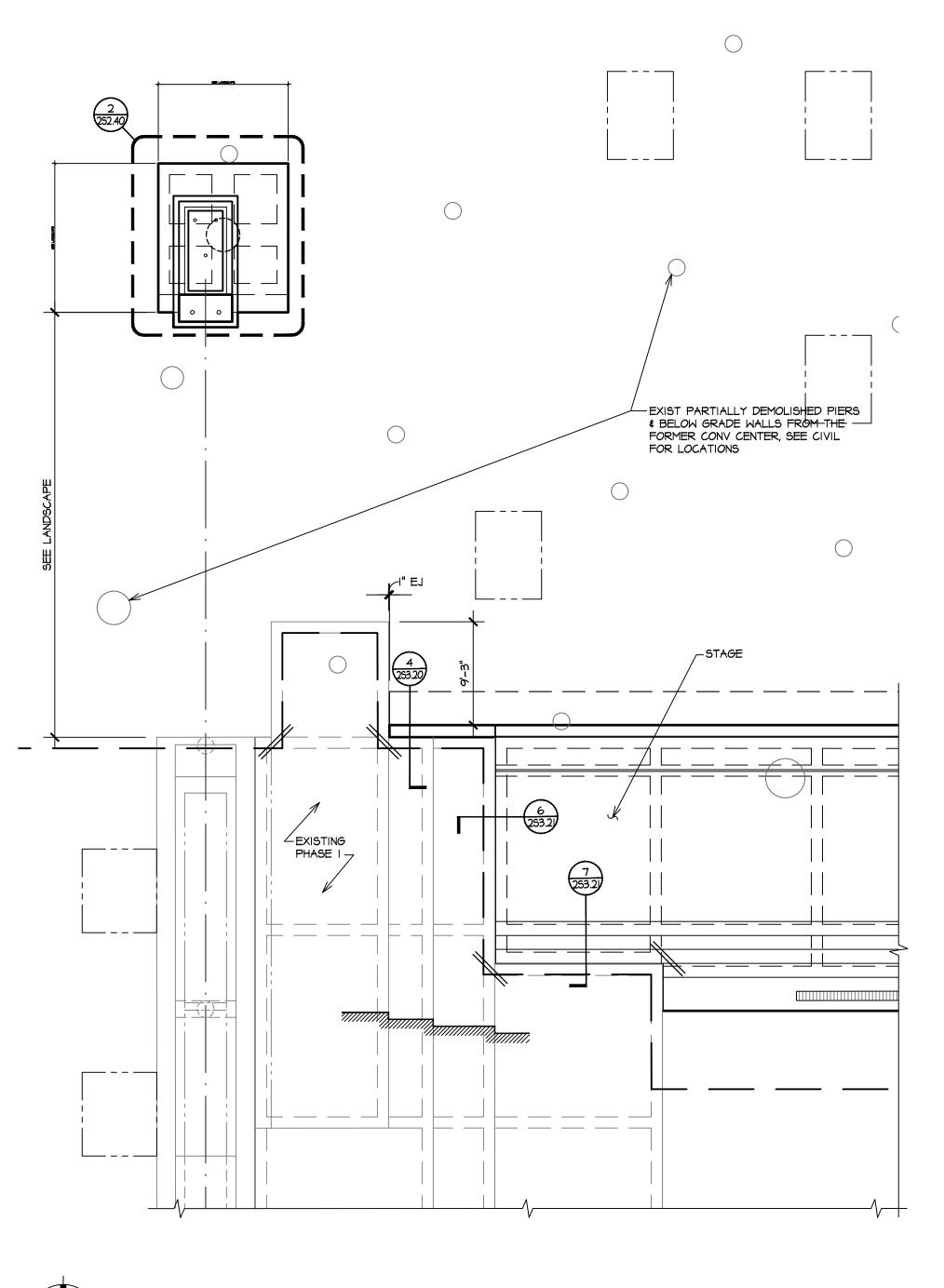
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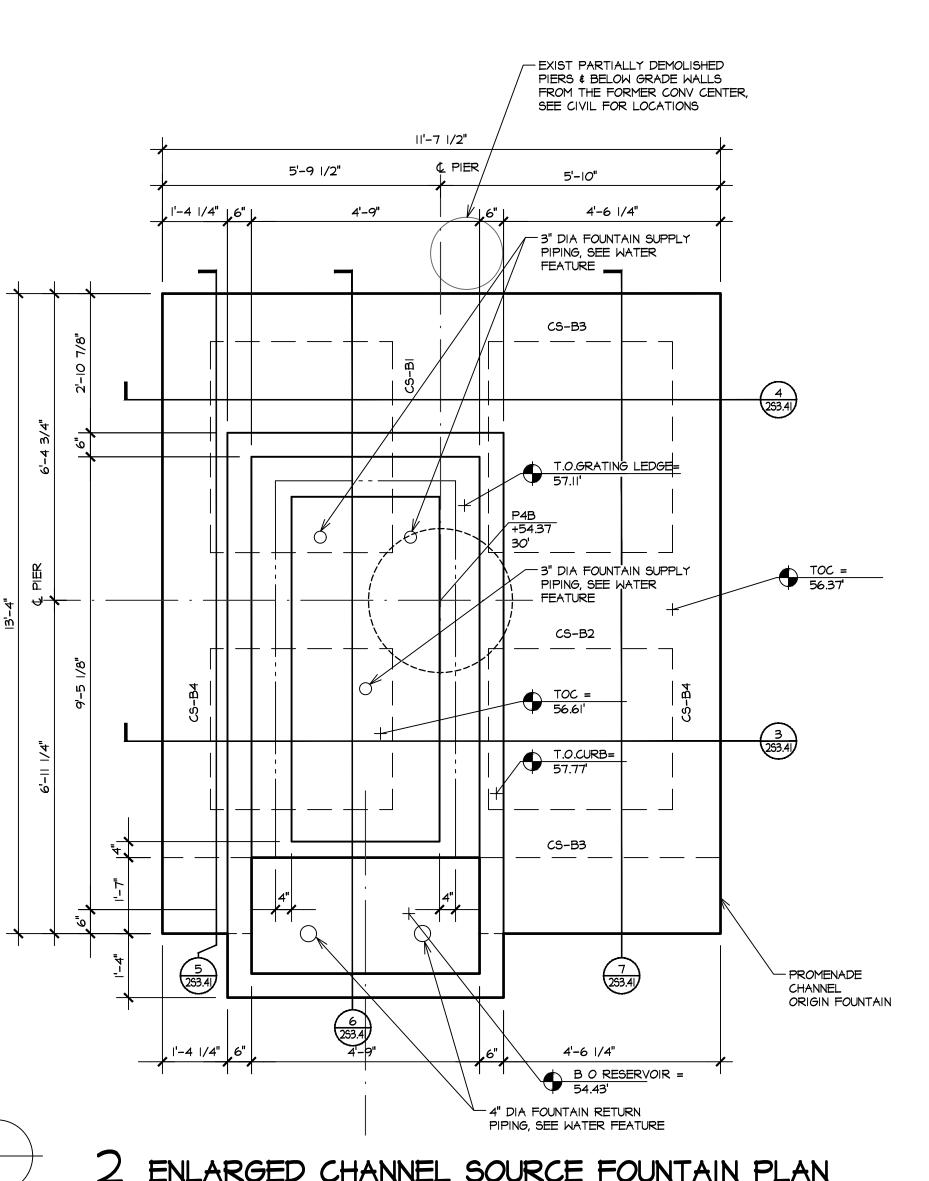
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07/28/2023
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GGN PROJECT #
1410

ENLARGED PLAN ZOCALO

282.20







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PUBLIC WORKS DEPT. PROJECT # 23-01670 100% CONSTRUCTION **DRAWINGS**

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STRUCTURAL ENGINEER
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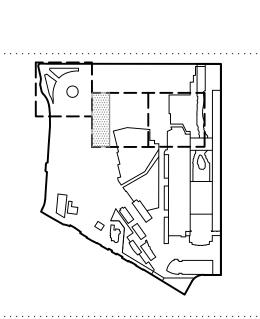
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REVISIONS: DESCRIPTION

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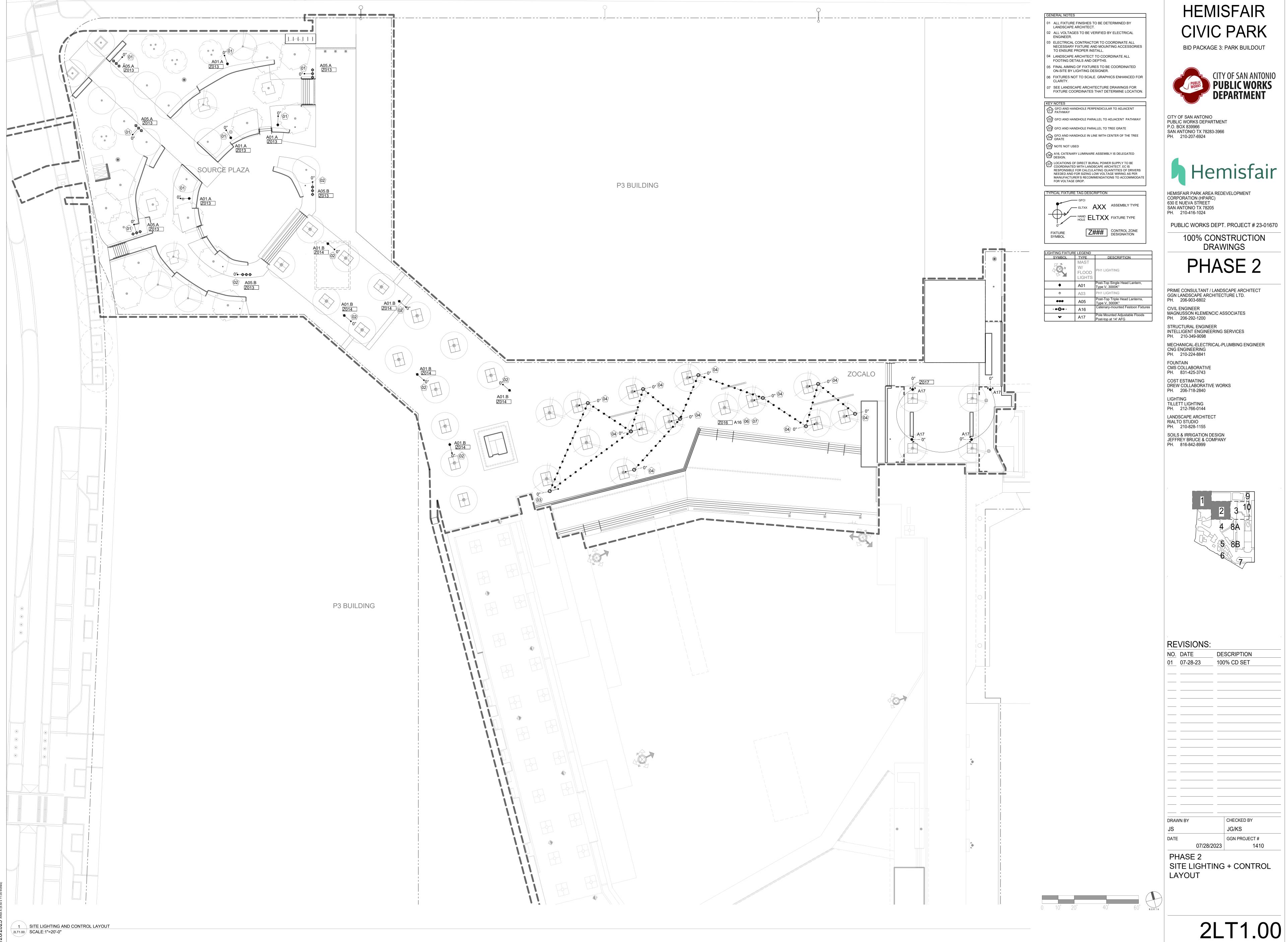
IES-STAFF GGN PROJECT # 07/28/2023 ENLARGED PLAN

AT CHANNEL SOURCE FOUNTAIN

2\$2.40

ENLARGED PLAN AT CHANNEL SOURCE FOUNTAIN AND ZOCALO SCALE: 1/8" = 1'-0"

2 ENLARGED CHANNEL SOURCE FOUNTAIN PLAN SCALE: 1/2" = 1'-0"







MECHANICAL GENERAL NOTES, ABBREVIATIONS, & SYMBOLS [SOME SYMBOLS MAY NOT BE USED ON THIS PROJECT]

				1	[SOME SYMBOLS MAY NOT BE USE						
ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION	DUC	CTWORK SYMBOLS	FITTINGS	<u>S</u>	DESCRIPTION	<u>DOUBLELINE</u>	SINGLE LINE	<u>GENERAL NOTES</u>
ABV	ABOVE	НВ	HOSE BIBB								
ADV AC	ABOVE CEILING	HP	HORSEPOWER			BLIND FLANGE	 II	DIRECTION OF FLOW	Λ — • V	(1. SCOPE OF WORK INCLUDES FURNISHING AND INSTALLING ALL MECHANICAL EQUIPMENT, DUCTS, AND ACCESSORIES FOR COMPLETE
A/C	AIR CONDITIONED	HR	HOUR	GENERAL		CAP	—— 		Δ)	WORKING MECHANICAL SYSTEM.
ACC	AIR COOLED CHILLER	HGT	HIGH, HEIGHT		ROLIND DITCE SECTION	POINT OF CONNECTION	•	DUCT SIZE, FIRST FIGURE IS SIDE SHOWN	∑ 24×12	(24×12 (2. REFER TO ARCHITECTURAL DRAWINGS FOR MOST ACCURATE LOCATIONS OF WALLS, CEILING GRIDS AND OTHER ARCHITECTURAL
AD	ACCESS DOOR	HVAC	HEATING/VENTILATING/ AIR CONDITIONING		ROUND DUCT SECTION	POINT OF DISCONNECT	♦	(DIMENSIONS ARE CLEAR INSIDE)	Δ	,)	ELEMENTS. SHIFT LOCATION OF DIFFUSERS AS REQUIRED TO CONFORM TO ARCHITECTURAL CEILING GRID. WHERE DIFFUSER
AF	AIR FOIL ABOVE FINISHED FLOOR	HWP	HOT WATER PUMP		FLAT OVAL DUCT SECTION	COUPLING (JOINT)		DUCT CAP			LOCATIONS ON ARCHITECTURAL AND MECHANICAL DRAWINGS DIFFER SIGNIFICANTLY, NOTIFY ENGINEER.
AFF AHU	ABOVE FINISHED FLOOR AIR HANDLING UNIT	HZ	HERTZ	√ 3 ¹² °¢	12" DIA. ROUND DUCT	CROSS	+,.			, ,	
AMCA	AIR MOVING AND CONDITIONING	ID	INSIDE DIAMETER			ELBOW, 90°		RECTANGULAR DUCT DROP	λ	<u> </u>	3. BALANCING DAMPERS. INSTALL BALANCING DAMPER AT BRANCH TAKE-OFF TO EVERY SUPPLY REGISTER AND EVERY EXHAUST
	ASSOCIATION, INC.	IE 	INVERT ELEVATION (FLOW LINE)	12"X24"	12" BY 24" FLAT OVAL DUCT	ELBOW, 45°		ROUND DUCT DROP	9 10	€	REGISTER. DO NOT INSTALL DAMPERS IN TRANSFER DUCTS. 4. THERMOSTATS SHALL BE MOUNTED AT 48" A.F.F., WITH ALL CONTROL
AP APPROX	ACCESS PANEL APPROXIMATE	IN IN WG	INCHES INCHES OF WATER		SUPPLY DUCT SECTION, POSITIVE PRESS.	·	—— ———————————————————————————————————	NOOND DOOL DIVOL		1	BUTTONS AND OPERATORS NOT HIGHER THAN 48" A.F.F.
ARCH	ARCHITECTURAL	IN WG	KILOWATT(S)		SULLE DUCE SECTION, FUSITIVE PRESS.	PIPE DROP		SUPPLY DUCT TURNING UP			5. PROGRAM EACH THERMOSTAT, SCHEDULES AND TEMPERATURES TO
ARI	AIR CONDITIONING & REFRIGERATION INSTITUTE	N.W I Λ.T	KILUWATT(S) LEAVING AIR TEMPERATURE		EXH., RET., O.A. DUCT SECTION NEGATIVE PRESS.	PIPE RISER		CHIDDLY DUCT THIDMING DOWN		, F	SUIT OWNER'S NEED. GIVE OWNER A RECORD OF ALL SETTINGS.
ANSI	AMERICAN NATIONAL STANDARD INSTITUTE	LBS	POUNDS	12/8	DUCTWORK, FIRST NO. IS VISIBLE DIM.	ELBOW, REDUCING (SHOW SIZE)	2	SUPPLY DUCT TURNING DOWN) <u>×</u>	6. DUCT SHALL BE GALVANIZED SHEET METAL EXCEPT WHERE NOTED. CONFORM TO SMACNA DUCT CONSTRUCTION STANDARDS AND
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	LDB	LEAVING DRY-BULB TEMPERATURE			. ,	4	RETURN OR EXHAUST DUCT TURNING UP		\	MECHANICAL CODE. CONNECT TO REGISTERS WITH FLEXMASTER TYPE 8 INSULATED (MINIMUM R-VALUE EQUAL TO R-6) OR EQUIVALENT
ASTM AV	AMERICAN SOCIETY FOR TESTING MATERIALS AUTOMATIC AIR VENT ASSEMBLY	LVR	LOUVER	12/8	EXISTING DUCTWORK (LIGHT LINES)	FIROW CHOOT DADILIC	SR —	RETURN OR EXHAUST DUCT TURNING DOWN			FLEXDUCT, EXCEPT WHERE NOTED. DO NOT USE MORE THAN 6 FOOT LENGTH FLEXDUCT TO CONNECT TO A REGISTER.
В	BOILER	MA	MIXED AIR		ACOUSTICALLY LINED DUCT	ELBOW, SHORT RADIUS		ON EXEMPLE DOOL TORNING DOWN) <u>–</u>	7. PROVIDE AND INSTALL ALL DUCT TRANSITIONS AND OFFSETS AS
BDD	BACK DRAFT DAMPER	MAU	MAKEUP AIR HANDLING UNIT			REDUCER, CONCENTRIC		FLEXIBLE DIFFUSER DROP			REQUIRED ALTHOUGH NOT SHOWN.
ВНР	BRAKE HORSEPOWER	MAX MD	MAXIMUM MANUAL DAMPER	A.D.	DUCT ACCESS DOOR	REDUCER, ECCENTRIC		10" DIA DOLIND DUOT	12" ø		8. DUCT DIMENSIONS SHOWN ARE CLEAR INSIDE AIRSTREAM DIMENSIONS.
BI	BACKWARD INCLINED	MECH	MECHANICAL		FLEXIBLE CONNECTION (DUCT)	TEE		12" DIA. ROUND DUCT			9. FIELD VERIFY ALL EXISTING CONDITIONS. FIELD VERIFY HORIZONTAL
BLDG BOD	BUILDING BOTTOM OF DUCT	MIN	MINIMUM			TEE	I	12" BY 24" FLAT OVAL DUCT	12"x24"		AND VERTICAL LOCATIONS OF ALL POINTS OF INTERFACE OR
ВОР	BOTTOM OF PIPE	NA	NOT APPLICABLE	R	CHANGE OF ELEVATION IN DIRECTION SHOWN R-RISE D-DROP	TEE, OUTLET UP	ф	EXISTING DUCTWORK (LIGHT LINES)	12x8		CONNECTION TO EXISTING STRUCTURE, EQUIPMENT OR SYSTEMS.
BSMT	BASEMENT	NC	NOISE CRITERIA			TEE, OUTLET DOWN		TRANSITION			10. THESE DRAWINGS INDICATE THE GENERAL EXTENT OF THE WORK AND ARE NOT INTENDED TO INDICATE OR DESCRIBE ALL WORK REQUIRED
CFM	CUBIC FEET PER MINUTE	N.C. /NI	NORMALLY CLOSED NEW		BRANCH DUCT WITH VOLUME DAMPER	TEE, REDUCING (SHOW SIZES)	\\ \frac{6}{2} \\ \frac{4}{3} \\ \end{array}	(ROUND TO ROUND) OR		├	FOR THE FULL PERFORMANCE AND COMPLETION OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
CH	CHILLER WATER DUMP	NO	NORMALLY OPEN			LINION FLANGED	111. T _. Z	(SQUARE TO SQUARE)			11. CONTRACTOR IS RESPONSIBLE TO COORDINATE HIS WORK WITH OTHER
CHP CHS/R	CHILLED WATER PUMP CHILLED WATER SUPPLY / RETURN	NTS	NOT TO SCALE		SIDEWALL REGISTER	UNION, FLANGED	 -	DUCT TRANSITION (SQUARE TO ROUND)		\longrightarrow	TRADES, PARTICULARLY TO PREVENT THE WORK OF OTHER TRADES ENTERING SPACE REQUIRED FOR DUCT AND HVAC EQUIPMENT.
CLG	CEILING	OA	OUTSIDE AIR	7; \		UNION, SCREWED	→ ⊢	(SQUARE TO ROUND)		, , , ,	
CO	CLEANOUT	OBD	OPPOSED BLADE DAMPER		DUCT WITH TURNING VANES	FLANGED CONNECTION	$\dashv \vdash$	TRANSITION TO REGISTER	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	\longrightarrow	12. DO NOT OPERATE HVAC EQUIPMENT DURING OTHER CONSTRUCTION OPERATIONS UNLESS ALL RETURN INLETS ARE PROTECTED WITH
COND	CONDENSATE	OD	OUTSIDE DIAMETER	4"	PROPORTIONAL SPLIT — DIMENSIONS INDICATE SPLIT				^	, ,	TEMPORARY FILTERS. ALL DUCT AND HVAC EQUIPMENT SHALL BE COMPLETELY CLEAN INTERNALLY UPON COMPLETION OF WORK.
CONN	CONTINUATION	PBD	PARALLEL BLADE DAMPER		I NOFONTIONAL SPLIT - DIMENSIONS INDICATE SPLIT			45° RECTANGULAR ELBOW		\rightarrow	13. PERFORM AIR BALANCE TO ALL CFM FLOWS INDICATED. PROVIDE
CONT	CONTINUATION CONTROLLABLE PITCH	PCHP	PRIMARY CHILLED WATER PUMP	PBD	DAMPER TYPE INDICATED (OBD, PBD)	MANUAL V	ALVES	WITH TURNING VANES	"		MARKED UP PLANS INDICATING FINAL BALANCING DATA.
CT CT	COOLING TOWER	PD	PRESSURE DROP OR DIFFERENCE	M	MOTORIZED DAMPER TYPE INDICATED (OBD, PBD)			4	\bowtie	\bot	14. COMPLETE AND ADJUST SYSTEMS TO PROPER OPERATION. DEMONSTRATE PROPER OPERATION OF ALL SYSTEMS TO OWNER'S
CU	CONDENSING UNIT	PH PPB	PHASE PARTS PER BILLION	'PBD'		AIR	- Ā	90° RECTANGULAR ELBOW WITH TURNING VANES	Con		PERSONNEL PRIOR TO COMPLETION OF WORK.
CW	COLD WATER	PRESS PPE	PARTS PER BILLION PRESSURE		VANED ELBOW (PROVIDE ALL SQUARE OR RECTANGULAR ELBOWS W/ VANES EVEN IF SYMBOL IS MISSING)	ANGLE	—(√) — ス4—			<u></u>	15. THE DRAWINGS ARE DIAGRAMMATIC ONLY AND SHALL NOT BE SCALED.
CWP	CONDENSING WATER PUMP	PRV	PRESSURE REDUCING VALVE			BALL	+° Ф		A		THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH OTHER TRADES AND WITH EXISTING CONDITIONS. THE CONTRACTOR SHALL
<u>ψ</u> D	CENTER LINE DRAIN	PSIG	POUNDS PER SQUARE INCH (GAUGE)		VANED ELBOW (SHORT RADIUS)	BUTTERFLY	—(i—	45° RADIUS ELBOW	$\langle \rangle$	\rightarrow	NOT INSTALL OR FABRICATE ANY WORK SHOWN UNTIL ALL SUCH WORK IS FULLY COORDINATED. NOT ALL OFFSETS AND FITTINGS ARE
DB	DRY BULB	RA	RETURN AIR		OTHURADO DISTINO TITATION	DIAPHRAGM	- ⋈				SHOWN. PROVIDE OFFSETS AND FITTINGS AS REQUIRED BY FIELD CONDITIONS AS PART OF THE WORK.
DCP	DATA COLLECTION PANEL	RE: 4M6.01 REF	REFER TO DETAIL 4, SHEET M6.01 REFERENCE, CALLED OUT ELSEWHERE		STANDARD RADIUS ELBOW	GATE	— — —			<u>ا</u>	
DDC	DIRECT DIGITAL CONTROL	KLF RH	REFERENCE, CALLED OUT ELSEWHERE RELATIVE HUMIDITY	· · · · · · · · · · · · · · · · · · ·	LOUVER	GLOBE	— <u> </u>				16. CONSTRUCT ALL DUCTWORK DOWNSTREAM OF UNITS TO SMACNA CLASSIFICATIONS. SEAL ALL DUCTWORK TO A SMACNA TYPA "A"
DEG	DEGREE	RPM	REVOLUTIONS PER MINUTE			PLUG	 √ - -	AIR CC	NDITIONING		SEAL CLASS.
DG DIA	DOOR GRILLE DIAMETER	RTU	ROOF TOP UNIT		SUPPLY AIR DIFFUSER	ISOLATION	→ ₩ -	· · · · · · · · · · · · · · · · · · ·			17. ENTIRE INSTALLATION SHALL BE IN ACCORDANCE WITH IBC, IMC, UPC, NFC, AND NFPA; THE STATE OF TEXAS AND THE APPROVING
DPT	DEW POINT TEMPERATURE	SA SCH	SUPPLY AIR SCHEDULE		RETURN AIR GRILLE	BALANCING	→ ∞>				AUTHORITIES.
DWG	DRAWING	SCH SCHP	SCHEDULE SECONDARY CHILLED WATER PUMP		ACTOMIC ONICE			CONTROLC			
DX	DIRECT EXPANSION	SD	SMOKE DAMPER		EXHAUST AIR GRILLE			CONTROLS			
EA	EACH	SF	SUPPLY FAN		LINEAD SLIDDLY ALD DEVICE			1	THERMOSTAT - R	REMOTE BULB	
EAT	ENTERING AIR TEMPERATURE	SMACNA	SHEET METAL AND AIR		LINEAR SUPPLY AIR DEVICE	AUTOMATIC CO		T _{TU-1-01}	THERMOSTAT SER	VING TERMINAL UNIT TU-1-01	
EDB EDH	ENTERING DRY-BULB TEMPERATURE ELECTRIC DUCT HEATER		CONDITIONING CONTRACTORS NATIONAL ASSOCIATION		LINEAR RETURN AIR DEVICE	VALVES	<u>.</u>	⊕ ₃	HUMIDISTAT SERVI		
EF	EXHAUST FAN	SP	NATIONAL ASSOCIATION STATIC PRESSURE	$\sim\sim$	FLEXIBLE DUCT (SINGLE LINE REPRESENTATION)			F	FIRESTAT		
EFF	EFFICIENCY	SQ.FT	SQUARE FEET	<u> </u>	FLEXIBLE DUCT (DOUBLE LINE REPRESENTATION)	TWO-WAY	─ ₩				
ELEC	ELECTRICAL	STD	STANDARD		. II	TWO-WAY BUTTERFLY	─ ₹—		TEMPERATURE SE	NSOR	
ELEV EG	ELEVATION EXHAUST GRILLE	SW	SWITCH		FAN (SCHEMATIC)			H	HUMIDITY SENSOR	2	
EHC	ELECTRICAL HEATING COIL	TEMP	TEMPERATURE	DPG DPG	DIFFEDENTIAL PROCESSES ASSESSED	THREE-WAY	─ৡ ─	©	CARBON DIOXIDE	SENSOR	
ENT	ENTERING	T'STAT	THERMOSTATION EXPANSION NAMES		DIFFERENTIAL PRESSURE GAUGE						
EQUIP	EQUIPMENT	TXV TYP	THERMOSTATIC EXPANSION VALVE TYPICAL	FSD	COMBINATION FIRE/SMOKE DAMPER						
ER	EXHAUST REGISTER	UF	TYPICAL UNDER FLOOR	(FD)	AND SLEEVE (PROVIDE ACCESS DOOR)						
ESP EWB	EXTERNAL STATIC PRESSURE ENTERING WET-BULB TEMPERATURE	UH	UNIT HEATER		FIRE DAMPER						
EML	ENTERING WATER TEMPERATURE	UL	UNDERWRITERS LABORATORIES	_ '							
EXH	EXHAUST	V-12	CONTROL VALVE NUMBER	₹ FBD	MANUAL VOLUME DAMPER TYPE						
(E)	EXISTING	VB	VALVE BOX	1 00	INDICATED (OBD, PBD)						
F	FAHRENHEIT	VEL	VELOCITY								
FA FC	FACE AREA FAN COIL	VENT VF	VENTILATE VENTILATION FAN								
FCU	FAN COIL UNIT	VOL	VOLUME								
FD	FIRE DAMPER	VOLT	VOLTAGE								
FEF	FUME EXHAUST FAN	W	WIDE, WIDTH								
FLEX	FLEXIBLE	W/	WITH								-
FLG	FLANGE FIRE DAMPER	WB (2	WET BULB					DRAWING SYME	<u> 30LS</u>		
FLR FM	FIRE DAMPER FACTORY MUTUAL	W/O	WITHOUT								-
FO	FLAT OVAL DUCT							(2)	KEYED NOTE 2		
FPM	FEET PER MINUTE								NLILU NUIE Z		
FT	FEET, FOOT										
FS GAL	FLOW SWITCH GALLON							2 DETAIL 1/8" = 1'-0"	DETAIL NUMBER 2 SCALE OF 1 / 8	2 AT A DRAWING " = 1' - 0"	
GAL GALV	GALVANIZED							1/8" = 1'-0"	33 31 1 / 0		
GPM	GALLONS PER MINUTE							_			
	GALLONS PER DAY								OFOTION APPOW	CECTION 4 CHEET M 2	
GPD					1			/ N/ = '/ /	ZECTION VEDIUM	- 2F('HOM I ZHEEI M'-)	
GPD GPH HWS/R	GALLONS PER HOUR HOT WATER SUPPLY/ RETURN							M-2	SECTION ARROW -	− SECTION 1, SHEET M−2	

HEMISFAIR CIVIC PARK

BID PACKAGE 3: PARK BUILDOUT



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PUBLIC WORKS PROJECT # 23-01670 100% CONSTRUCTION **DRAWINGS**

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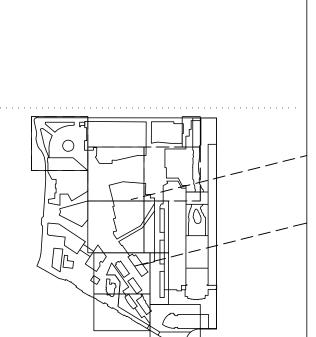
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COST ESTIMATING DREW COLLABORATIVE WORKS LIGHTING TILLETT LIGHTING PH. 212-766-0144





DESCRIPTION

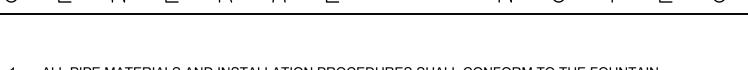
REVISIONS:

01	07-28-23	100)% CD SET
DRA	WN BY		CHECKED BY
MN	Л		MF

MECHANICAL GENERAL NOTES, ABBREVIATIONS AND SYMBOLS

GGN PROJECT #

2MP3.01



- 1. ALL PIPE MATERIALS AND INSTALLATION PROCEDURES SHALL CONFORM TO THE FOUNTAIN PLUMBING SPECIFICATIONS.
- 2. VERIFY THE EXACT LOCATION OF THE EQUIPMENT SPACES AND WATER DISPLAYS WITH THE LANDSCAPE DRAWINGS.
- 3. PIPE ROUTING SHOWN ON THE PIPING PLAN IS OPTIMIZED WITHIN THE FRAMEWORK OF KNOWN CONDITIONS AT THE SITE. CONTRACTOR SHALL, HOWEVER, DETERMINE THE EXACT ROUTING AT THE SITE TO AVOID CONFLICT WITH SITE CONDITIONS. ANY RE-ROUTING WHICH CREATES A TRAPPED CONDITION IN THE PIPING MUST BE CALLED TO THE ATTENTION OF THE FOUNTAIN CONSULTANT BEFORE THE PIPE IS INSTALLED.
- 4. ALL PIPING BETWEEN THE WATER DISPLAY AND THE EQUIPMENT SPACE SHALL BE INSTALLED DEAD LEVEL OR SLOPED DOWN TOWARD THE EQUIPMENT SPACE UNLESS OTHERWISE INDICATED ON THESE DRAWINGS.
- 5. WHERE FERROUS AND NON-FERROUS METALLIC PIPING IS JOINED, PROVIDE DIELECTRIC FITTINGS.
- 6. PROVIDE A WATERSTOP, FLASHING FLANGE OR SLEEVE AS APPROPRIATE AND AS SHOWN ON THE
- DETAILS, AT EACH FLOOR OR WALL PENETRATION UNDER THIS WORK.
- 7. PIPING IN PARALLEL OR CROSSING SHALL HAVE 3" MINIMUM CLEARANCE TO OTHER PIPING. 8. PROVIDE PIPE SUPPORTS AND HANGERS AS NECESSARY TO MAINTAIN ALIGNMENT, PREVENT STRESSES AND ALLOW REMOVAL AND MAINTENANCE OF FUNCTIONAL EQUIPMENT. PIPING SHALL NOT BE SUPPORTED BY THE EQUIPMENT.
- 9. ALL EQUIPMENT AND PIPING SHOWN ON THE EQUIPMENT SPACE PLANS ARE DRAWN GRAPHICALLY AND TO SCALE. ANY DEVIATION FROM ARRANGEMENTS SHOWN SHALL BE CALLED TO THE ATTENTION OF THE FOUNTAIN CONSULTANT BEFORE THE EQUIPMENT AND PIPING ARE INSTALLED.
- 10. PROVIDE UNIONS AND/OR FLANGES AS SHOWN, AND AS REQUIRED TO FACILITATE REMOVAL OF ALL
- 11. PROVIDE DISCHARGE PIPING OF PROPER SIZE FOR ALL AIR VENTS AND RELIEF VALVES. EXTEND TO NEAREST DRAIN.
- 12. WHERE GRATES AND FRAMES ARE SHOWN ON THESE PLANS, THEY SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR UNLESS OTHERWISE INDICATED ON THESE DRAWINGS.
- 13. VALVE TAG DESIGNATIONS INDICATED ON THE SCHEMATIC PIPING DIAGRAM ARE TO BE APPLIED TO THE VALVE TAGS SUPPLIED UNDER THE PLUMBING CONTRACTOR'S WORK.

P	P	G	M	A	T	E	R	A	S	

- 1. IN THE EQUIPMENT SPACES AND PASSING THROUGH BUILDING SPACES TO A TRANSITION POINT APPROXIMATELY 6" INSIDE THE BUILDING WALL:
- a. 2" AND SMALLER: SCHEDULE 40 STAINLESS STEEL WITH THREADED ENDS.
- (1) FITTINGS: THREADED STAINLESS STEEL FITTING AND FLANGES
- b. 2-1/2" AND LARGER: SCHEDULE 10 STAINLESS STEEL WITH ROLLED GROOVED ENDS.
- (1) STAINLESS STEEL FITTINGS AND FLANGES.
- (2) JOINING WITH RIGID GALVANIZED IRON OR STEEL COUPLINGS. 2. WATER TREATMENT PIPING: SCHEDULE 80 PVC.
- a. FITTINGS: SCHEDULE 80 PVC SOLVENT WELDED FITTINGS.

VALVES AND EQUIPMENT.

4. UNDERGROUND PIPING BEYOND THE PERIMETER OF THE EQUIPMENT SPACE AND BUILDING: HDPE BUTT-FUSION PIPE AND FITTINGS.

P	U M P		SC	H E	D	U L E
PUMP	TYPE	DUTY GPM @ FT.	MOTOR VOLTAGE	RPM	HP	MANUFACTURER & CATALOG NUMBER
FP-1D	END SUCTION CLOSE COUPLED	75 @ 70	208V, 3PH	1750	3	GRUNDFOS 15951 LC

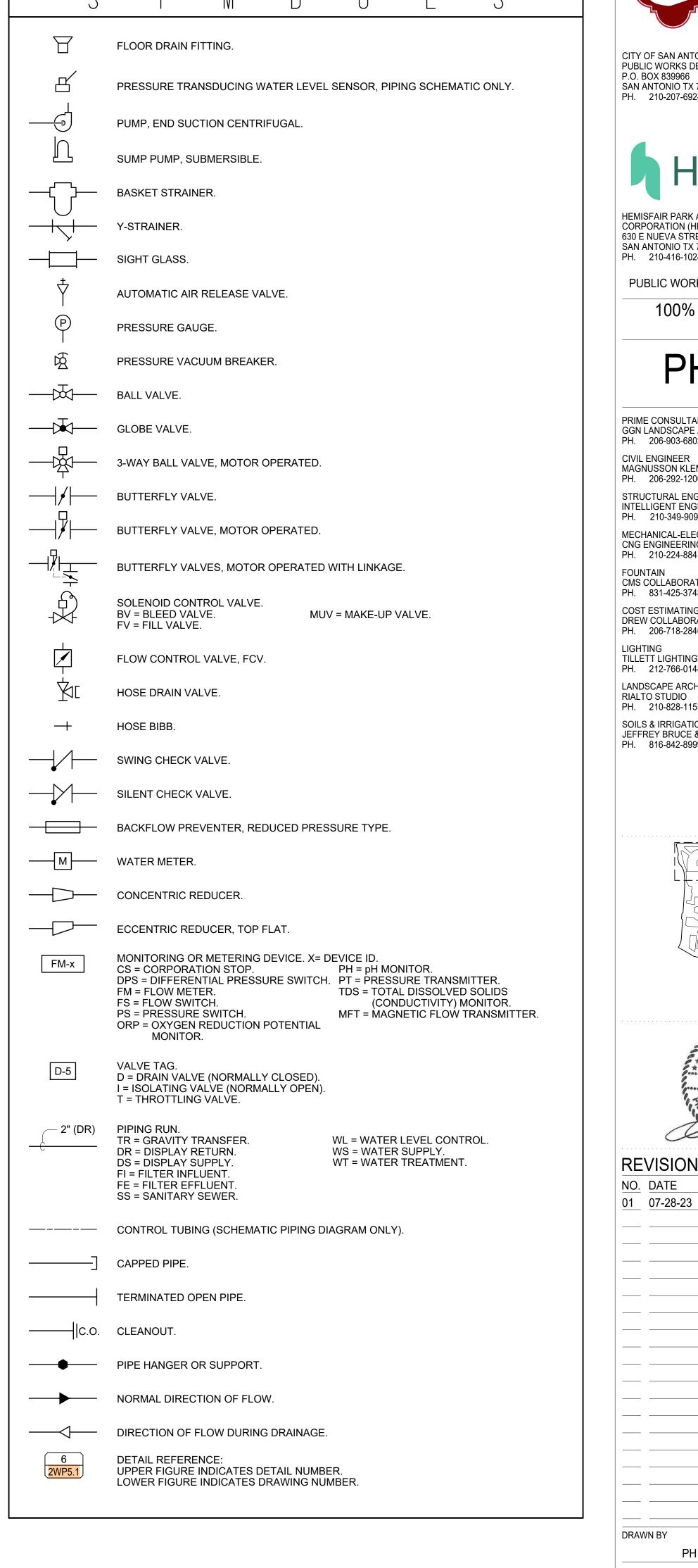
	CENTRIC REDUCTER, TOP FLAT.	
1/4"	CONTROL TUBING TO GAUGE PANEL. SHOWN ON SCHEMATIC PIPING DIAGRAM ONLY.	
ЭΑ	UGE PANEL ASSEMBLY.	
IL	TER PUMP.	
PR	ESSURE GAUGE.	
FLC	DW METER.	
AU	TOMATIC AIR VENT ASSEMBLY.	
FIL	TER ASSEMBLY.	
МО	TORIZED BUTTERFLY VALVE ASSEMBLY WITH LINKAGE.	
GL	OBE VALVE.	
DIS	PLAY JET ASSEMBLY.	
FIL	TER EFFLUENT FITTING.	
МО	TORIZED BUTTERFLY VALVE.	
WA	TER TREATMENT ASSEMBLY.	
СН	EMICAL PUMP DISCHARGE TUBING. INDICATED ON SCHEMATIC PIPING DIAGRAM ONLY.	
CO	RPORATION STOP. THE PIPE INTO WHICH THE CORPORATION STOP IS FITTED SHALL BE ATED ON THE INSIDE WITH COAL TAR MASTIC FOR A MINIMUM OF 12" ON EITHER SIDE OF E POINT OF INJECTION. SEE SCHEMATIC PIPING DIAGRAM FOR WATER TREATMENT PIPING.	
	TABLE WATER SUPPLY PIPING STUB. SUPPLY PIPING TO BE ROUTED TO STUB UNDER CIVIL GINEER'S WORK.	
	CYCLED WATER SUPPLY PIPING STUB. SUPPLY PIPING TO BE ROUTED TO STUB UNDER 'IL ENGINEER'S WORK.	
	RIGATION WATER SUPPLY PIPING. PIPE TO BE CAPPED INSIDE THE VAULT FOR POSSIBLE TURE USE. CONTINUATION OUTSIDE THE VAULT UNDER CIVIL ENGINEER'S WORK.	
WA	TER SUPPLY ASSEMBLY.	
EM	ERGENCY EYEWASH.	
НО	SE BIBB WITH PRESSURE VACUUM BREAKER.	
WA	TER-LEVEL-SENSING PRESSURE TRANSMITTER.	
TD	S BLEED SOLENOID VALVE.	
	AIN PIPING STUB. PIPING TO BE ROUTED FROM STUB AND CONNECTED TO SANITARY WER UNDER CIVIL ENGINEER'S WORK.	
FLC	OOR DRAIN ROUTED TO SUMP, PROVIDED UNDER MECHANICAL ENGINEER'S WORK.	
VE	NTILATION FAN, PROVIDED UNDER MECHANICAL ENGINEER'S WORK.	
VE	NTILATION DUCT SYSTEM, PROVIDED UNDER MECHANICAL ENGINEER'S WORK.	
	NTILATION DUCT TERMINATION FITTING, PROVIDED UNDER MECHANICAL ENGINEER'S PRK.	
HA	LF-SIZE SCHEMATIC PIPING DIAGRAM (REQUIRED TO REFERENCE VALVE DESIGNATIONS).	
СО	NCRETE EQUIPMENT VAULT, PROVIDED UNDER STRUCTURAL ENGINEER'S WORK.	
	" SQUARE EQUIPMENT VAULT ACCESS HATCH, PROVIDED UNDER CHITECTURAL/STRUCTURAL WORK.	
EQ	UIPMENT VAULT ACCESS LADDER WITH TELESCOPING SAFETY POST.	
SU	BMERSIBLE SUMP PUMP ASSEMBLY, PROVIDED UNDER MECHANICAL ENGINEER'S WORK.	
SU	MP WITH GRATE, PROVIDED UNDER STRUCTURAL ENGINEER'S WORK.	
СО	NCRETE HOUSEKEEPING PAD, 4" HIGH.	
	NCRETE HOUSEKEEPING PAD, HEIGHT AS NECESSARY TO ACCOMMODATE HEADER EVATION.	
	NCRETE HOUSEKEEPING PAD AND PROTECTIVE MATTING, PROVIDED UNDER FOUNTAIN ECTRICAL WORK.	
	UNTAIN ELECTRICAL DISTRIBUTION EQUIPMENT, PROVIDED UNDER FOUNTAIN ELECTRICAL DRK. MAINTAIN CLEARANCE IN FRONT OF EQUIPMENT AS REQUIRED BY CODE.	
PEI	NETRATION, SLEEVED.	
	NETRATION, SLEEVED, PROVIDED UNDER STRUCTURAL ENGINEER'S WORK.	

FILTER INFLUENT FITTING.

BUTTERFLY VALVE WITH LEVER HANDLE.

BUTTERFLY VALVE WITH GEAR OPERATOR.

FIBERGLASS-REINFORCED-PLASTIC (FRP) BASKET STRAINER.







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HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

PUBLIC WORKS DEPT. PROJECT # 23-01670 100% CONSTRUCTION **DRAWINGS**

PRIME CONSULTANT / LANDSCAPE ARCHITECT GGN LANDSCAPE ARCHITECTURE LTD. PH. 206-903-6802

MAGNUSSON KLEMENCIC ASSOCIATES PH. 206-292-1200 STRUCTURAL ENGINEER
INTELLIGENT ENGINEERING SERVICES

PH. 210-349-9098 MECHANICAL-ELECTRICAL-PLUMBING ENGINEER

CNG ENGINEERING PH. 210-224-8841

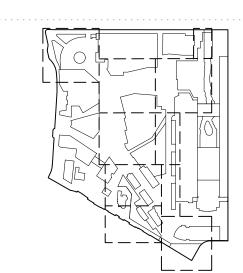
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TILLETT LIGHTING PH. 212-766-0144

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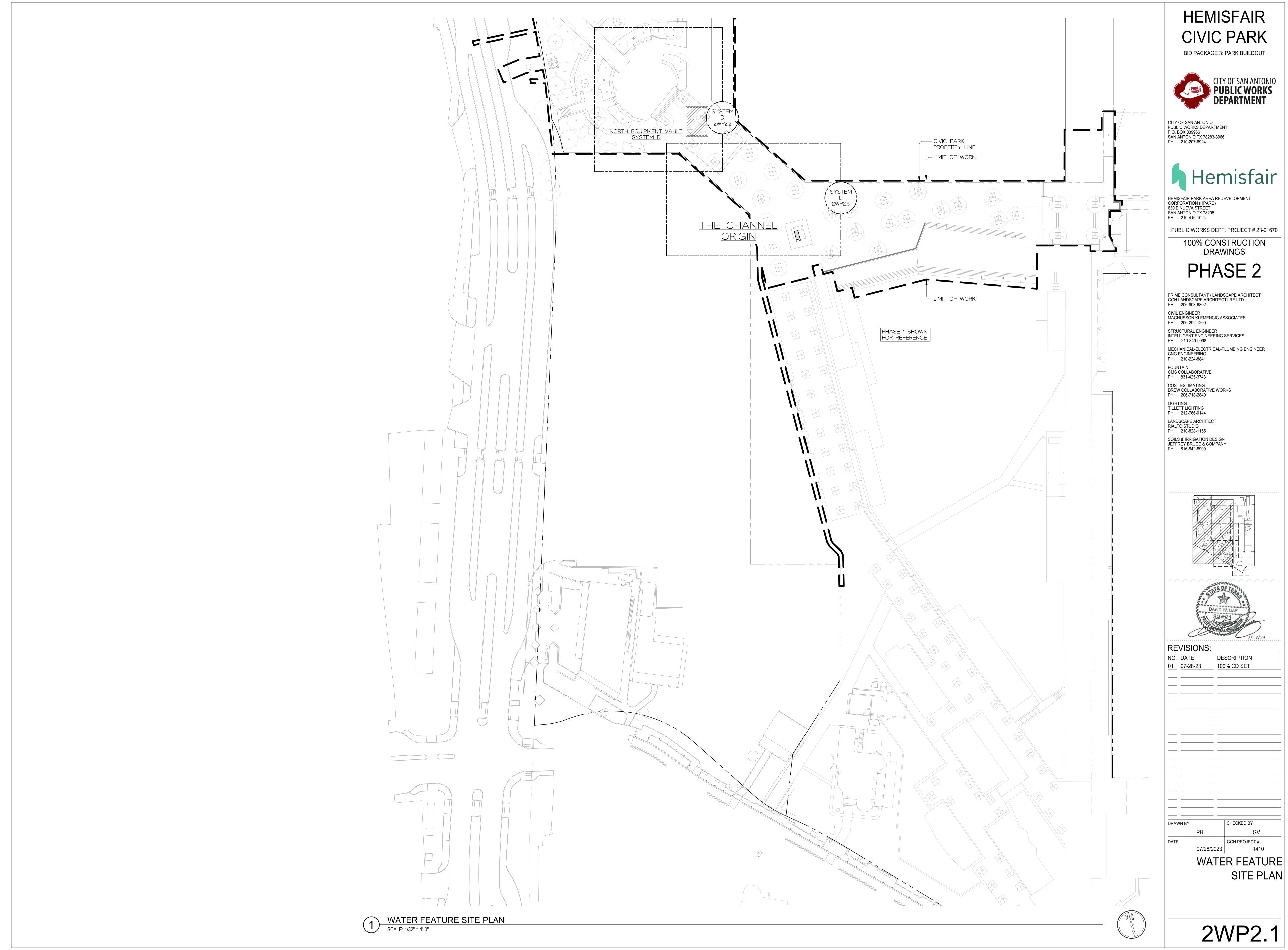




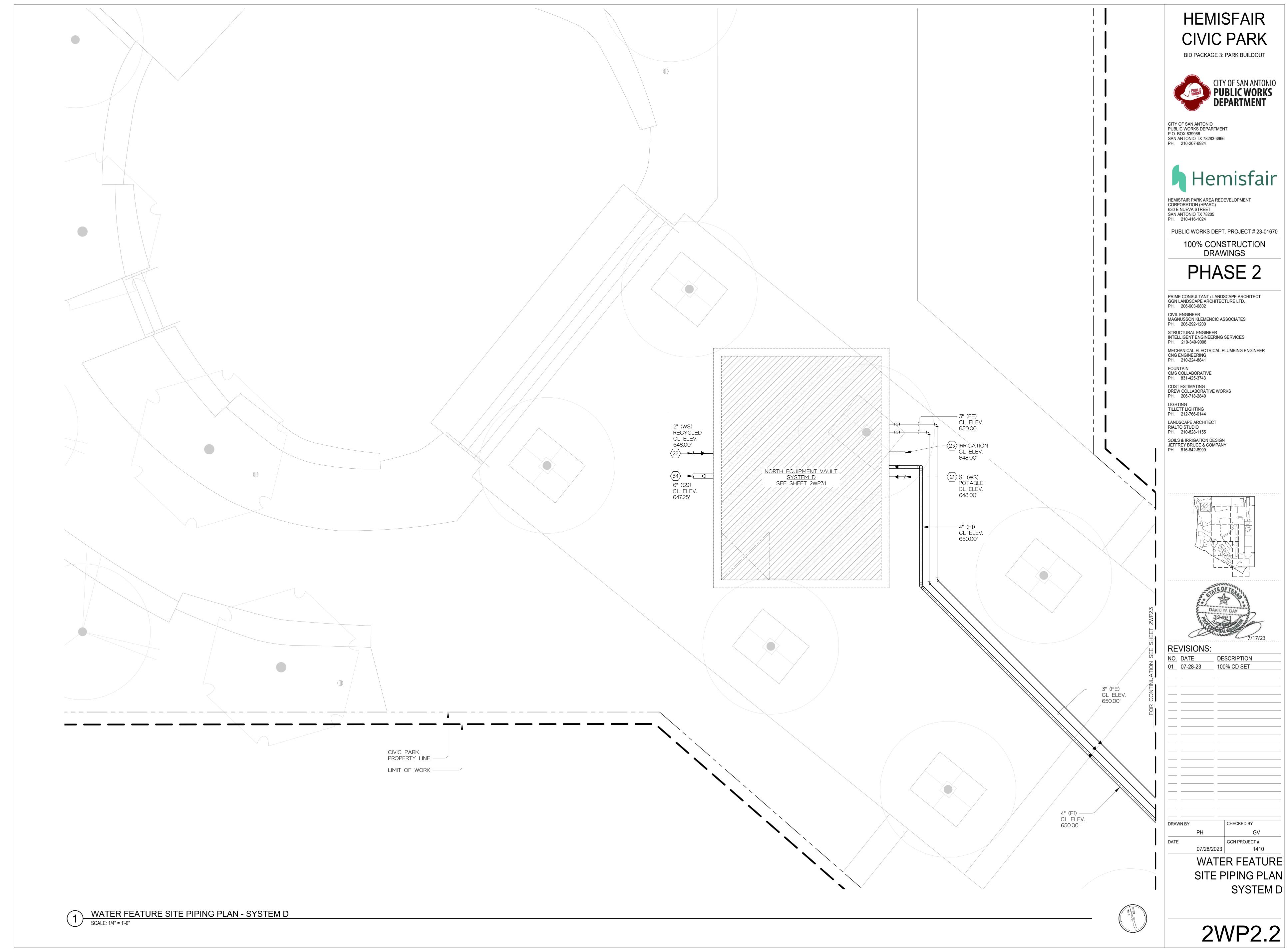
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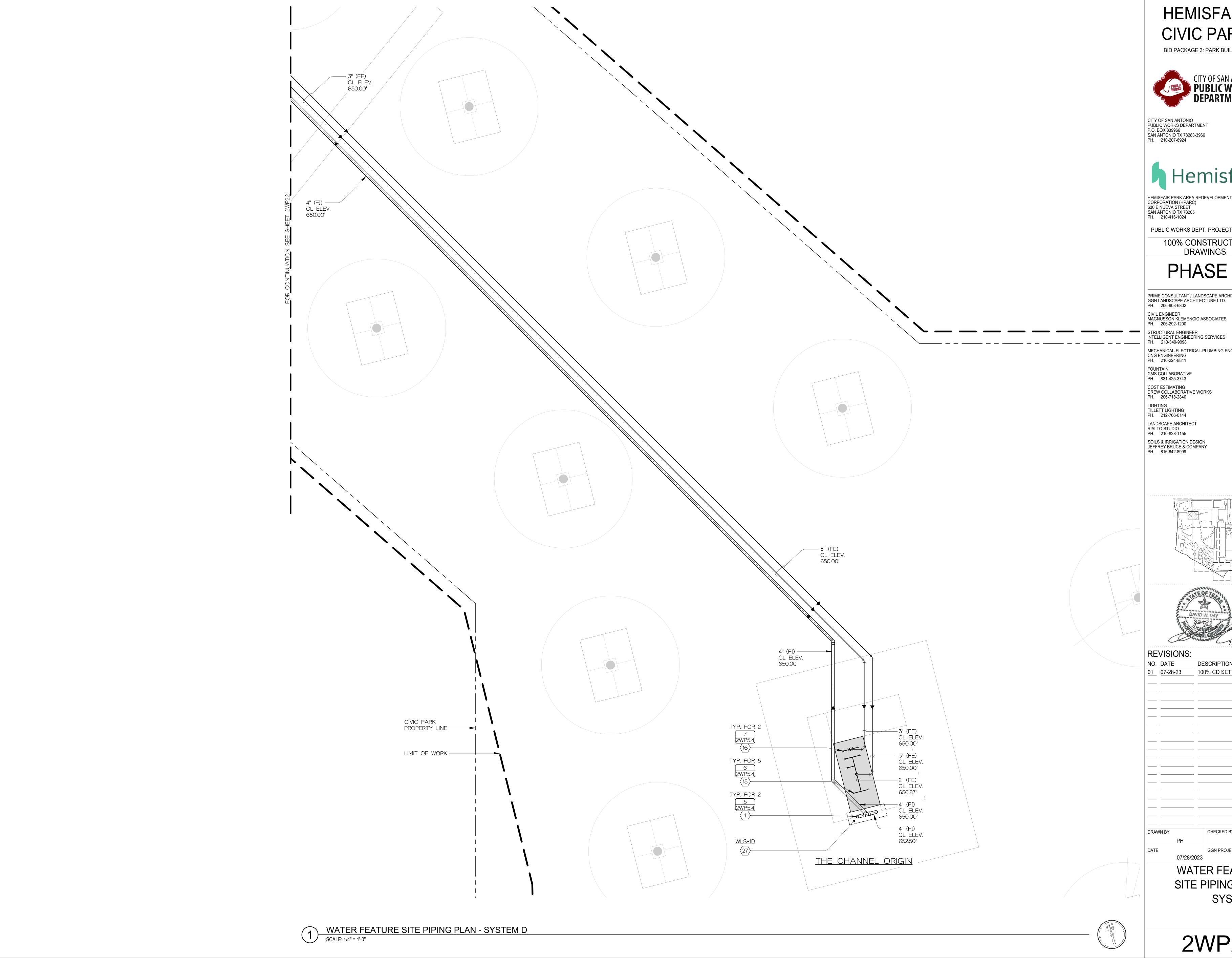
WATER FEATURE PLUMBING NOTES & SYMBOLS

2WP1.1



WATER FEATURE





HEMISFAIR CIVIC PARK

BID PACKAGE 3: PARK BUILDOUT



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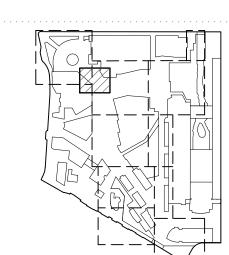
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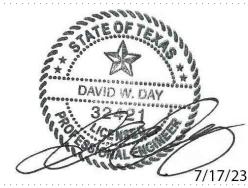
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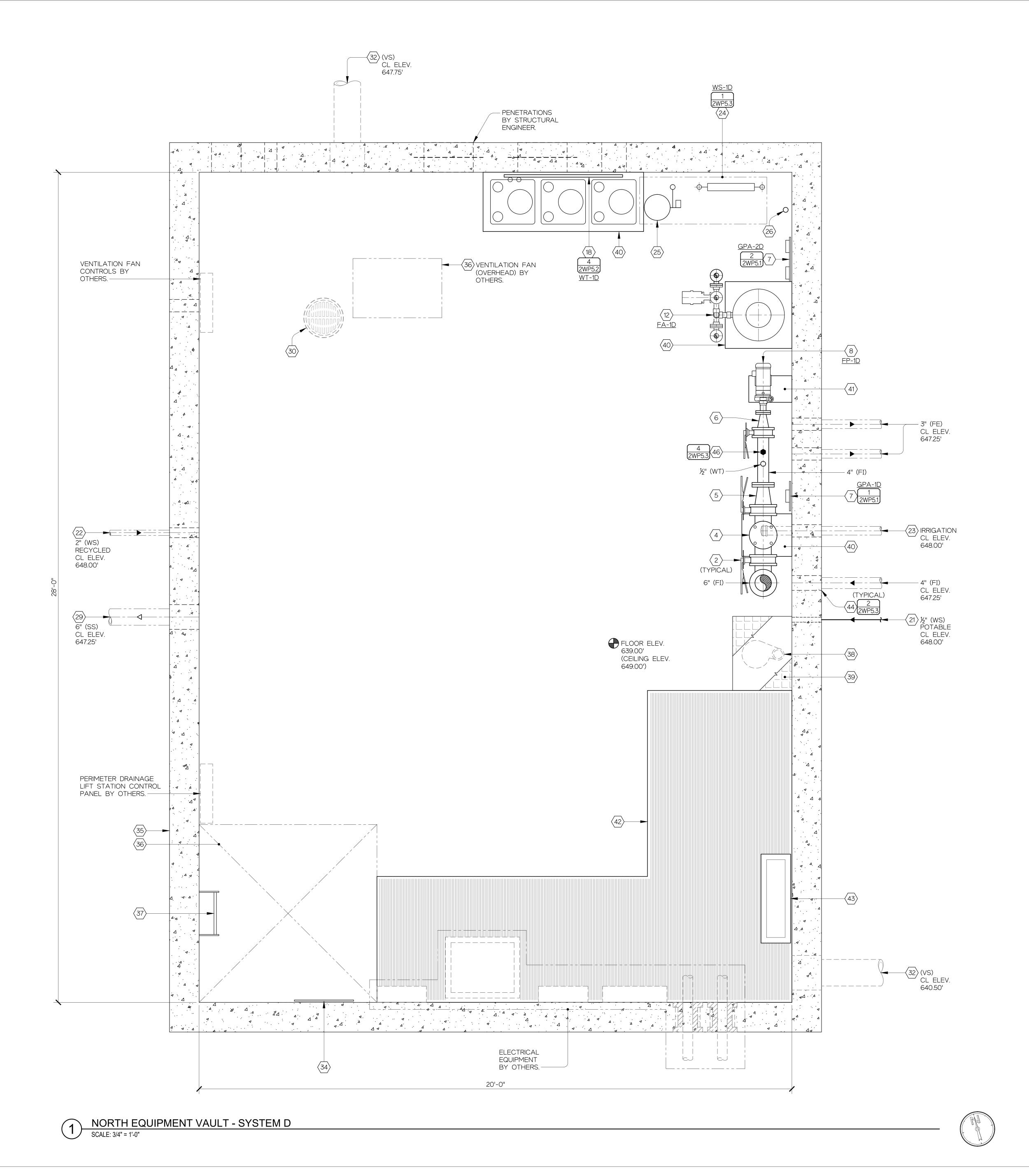




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WATER FEATURE SITE PIPING PLAN SYSTEM D





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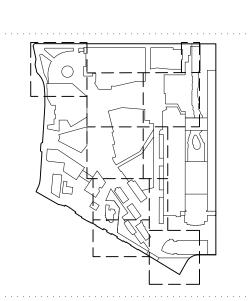
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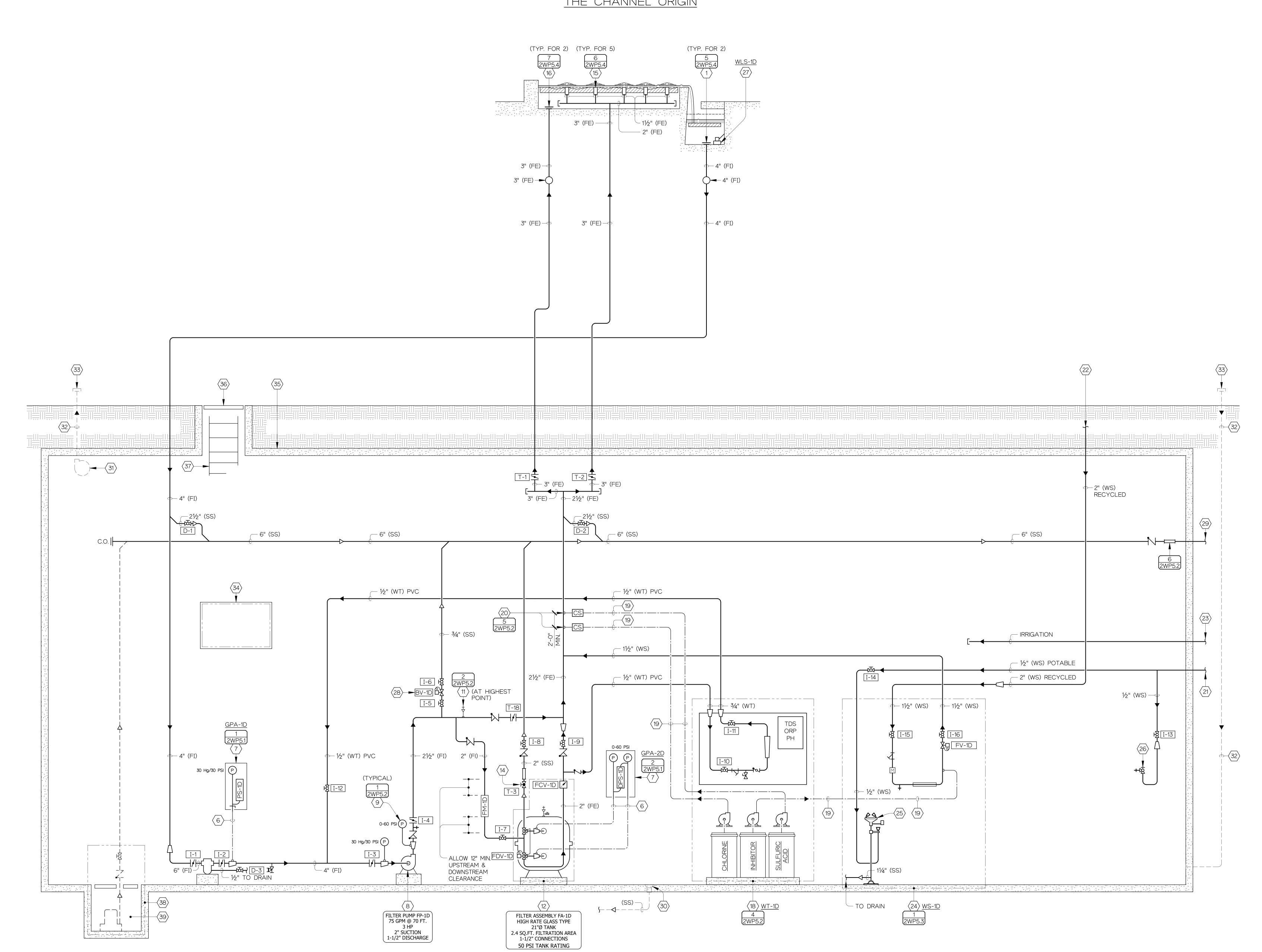
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NORTH EQUIPMENT
VAULT
SYSTEM D

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THE CHANNEL ORIGIN







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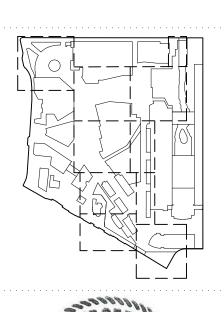
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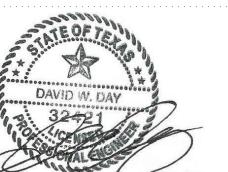
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WATER FEATURE SCHEMATIC PIPING DIAGRAM SYSTEM D

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GENERAL ANNOTATION LEGEND						
SYMBOL AAC	DESCRIPTION ABOVE ACCESSIBLE CEILING					
AC	ABOVE COUNTER					
AFF	ABOVE FINISHED FLOOR					
AFG	ABOVE FINISHED GRADE					
AVC	AUDIO VISUAL CONTRACTOR					
BBC	BACKBONE BONDING CONDUCTOR					
BCT	BONDING CONDUCTOR FOR TELECOMMUNICATIONS					
CAT6	CATEGORY 6 COPPER CABLE - CAT6					
CAT6A	CATEGORY 6A COPPER CABLE - CAT6A					
CCTV	CLOSED CIRCUIT TELEVISION					
CFCI	CONTRACTOR FURNISHED, CCNTRACTOR INSTALLED					
CL	CENTER LINE					
CLG	CEILING					
СО	CONDUIT					
DAS	DISTRIBUTED ANTENNA SYSTEM					
DIA	DIAMETER					
DIM	DIMENSION					
DMARC	TELECOMMUNICATIONS DEMARCATION POINT					
DR	DOOR					
DUCT	UNDERGROUND CONDUIT/ HDPE					
(E)	EXISTING					
EC	ELECTRICAL CONTRACTOR					
EF	ENTRANCE FACILITY					
ELEV	ELEVATION					
ELEC	ELECTRICAL					
EQ	EQUAL					
ETR	EXISTING TO REMAIN					
FIXT	FIXTURE					
FLR	FLOOR LEVEL					
FT	FOOT/FEET					
FUT	FUTURE					
FV	FIELD VERIFY					
GC	GENERAL CONTRACTOR					
GE	GROUNDING EQUALIZER (NOW KNOWN AS BBC)					

SYMBOL	GENERAL ANNOTATION LEGEND					
GES	DESCRIPTION GROUNDING ELECTRODE SYSTEM					
IDF	INTERMEDIATE DISTRIBUTION FRAME					
INST						
	INSTALLED LOWLYGLTAGE CONTRACTOR					
LVC	LOW VOLTAGE CONTRACTOR					
MC	MECHANICAL CONTRACTOR					
MDF	MAIN DISTRIBUTION FRAME					
MER	MAIN EQUIPMENT ROOM					
MISC	MISCELLANEOUS					
MPOE	MINIMUM POINT OF ENTRY					
NIC	NOT IN CONTRACT					
NTS	NOT TO SCALE					
OC	ON CENTER					
OD	OUTER DIAMETER					
OFCI	OWNER FURNISHED, CONTRACTOR					
OFE	OWNER FURNISHED EQUIPMENT					
OFOI	OWNER FURNISHED, OWNER INSTALLED					
РВВ	PRIMARY BONDING BUSBAR					
PDU	POWER DISTRIBUTION UNIT					
PSC	PHYSICAL SECURITY CONTRACTOR					
PWR	POWER					
RCP	REFLECTED CEILING PLAN					
QTY	QUANTITY					
RBB	RACK BONDING BUSBAR					
SBB	SECONDARY BONDING BUSBAR					
SCC	STRUCTURED CABLING CONTRACTOR					
SECT	SECTION					
TBB	TELECOMMUNICATIONS BONDING BACKBONE					
TBC	TELECOMMUNICATIONS BONDING CONDUCTOR (AKA BCT ANSI/TIA-607-C)					
TBD	TO BE DETERMINED					
TEF	TELECOMMUNICATIONS ENTRANCE FACILITY					
TGB	TELECOMMUNICATIONS GROUND BUSBAR (AKA SBB ANSI/TIA-607-C)					
TMGB	TELECOMMUNICATIONS MAIN GROUND BUSBAR (AKA PBB ANSI/TIA-607-C)					
TR	TELECOM ROOM					
TYP	TYPICAL					
115	ITTIOAL					

TECHNOLOGY SHEET INDEX				
SHEET NUMBER	SHEET NAME			
1T0.000	TECHNOLOGY - INDEX SHEET			
1T1.201	TECHNOLOGY - SITE PLAN - SECTOR 1			
1T1.202	TECHNOLOGY - SITE PLAN - SECTOR 2			
1T1.203	TECHNOLOGY - SITE PLAN - SECTOR 3			
1T1.500	TECHNOLOGY - DETAILS			
1T1.501	TECHNOLOGY - DETAILS			
1T1.502	TECHNOLOGY - DETAILS			

TECHNOLOGY - GENERAL NOTES

- 1. EACH KEYNOTE MAY NOT BE UTILIZED ON EVERY SHEET.
- 2. ALL CONDUIT MEASUREMENTS REFER TO STANDARD CONDUIT TRADE SIZES.
- 3. CABLE FILL PERCENTAGES SHALL COMPLY WITH NEC.
- 4. ALL CABLES SHALL BE INSTALLED IN ACCORDANCE WITH CURRENT ANSI/TIA/EIA AND BICSI STANDARDS.
- 5. CABLES SHALL BE INSTALLED IN COMPLIANCE WITH THE CABLE MANUFACTURER'S INSTALLATION RECOMMENDATIONS.
- 6. CABLES SHALL BE INSTALLED IN THE MOST DIRECT AVAILABLE PATHWAY IN NON-SPLICED SEGMENTS, WITH NO SINGLE PERMANENT CHANNEL EXCEEDING DISTANCE LIMITATIONS.
- 7. THE ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT FROM ROUGH IN JUNCTION BOX TO ABOVE-CEILING SPACE WITHIN ROOM OR TO NEAREST PULL BOX UNLESS INDICATED OTHERWISE.
- 8. THE STRUCTURED CABLING CONTRACTOR SHALL UTILIZE EXISTING INFRASTRUCTURE WHERE POSSIBLE.
- 9. THE ELECTRICAL CONTRACTOR SHALL PROVIDE GROUNDING BUSBARS IN ALL TELECOM ROOMS.
- 10. THE STRUCTURED CABLING CONTRACTOR SHALL MAKE FINAL GROUND CONNECTION FROM TELECOM BUSBAR TO EQUIPMENT.
- 11. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL PULLBOXES, CONDUITS AND CONDUIT SLEEVES. BUSINGS TO BE INSTALLED WITH ALL CONDUIT.
- 12. ALL PENETRATIONS THROUGH FIRE RATED WALLS SHALL BE FIRE STOPPED USING THE APPROPRIATE APPROVED (UL CLASSIFIED) FIRE STOPPING MATERIAL.
- 13. ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND SHALL BEAR THE UNDERWRITERS LABEL (UL) AND SHALL BE INSTALLED IN THE MANNER FOR WHICH THEY ARE DESIGNED.
- 14. THE OWNER AND/OR OWNER REPRESENTATIVE IS TO BE NOTIFIED OF ANY CHANGE TO DRAWING OR SPECIFICATIONS IN WRITING CAUSED BY FIELD CONDITION CONFLICTS.

TECHNOLOGY SYMBOLS LEGEND NOT ALL SYMBOLS ARE USED

KEYNOTE

HEMISFAIR
CIVIC PARK
BID PACKAGE 3: PARK BUILDOUT

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PH. 210-349-9098

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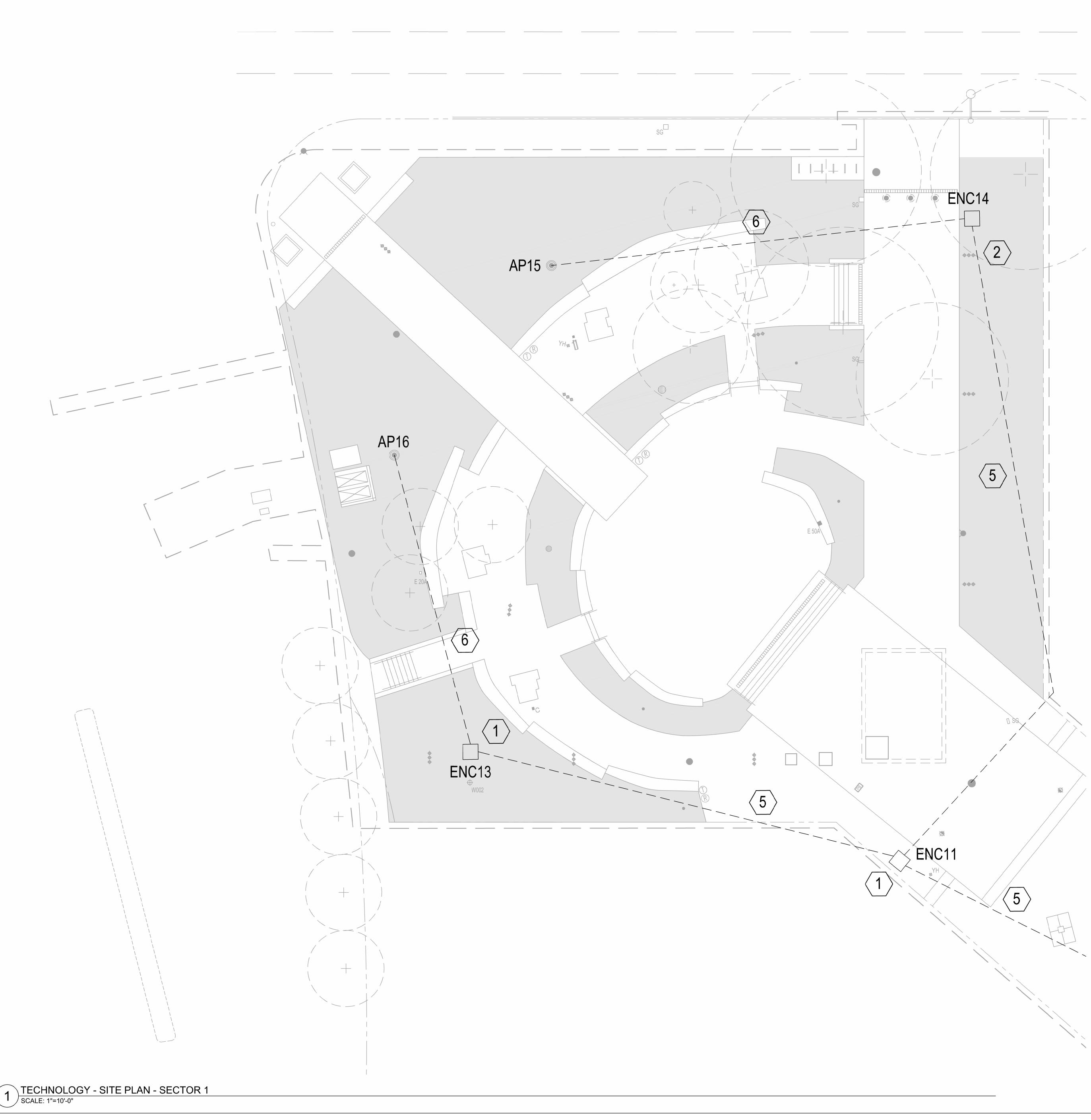
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1410

TECHNOLOGY - INDEX SHEET

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PUBLIC WORKS DEPT. PROJECT # 23-01670

100% CONSTRUCTION

DRAWINGS

PHASE 2

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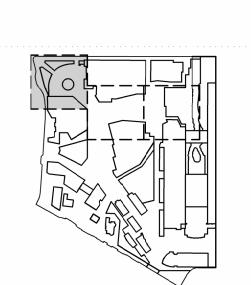
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TECHNOLOGY
- SITE PLAN
- SECTOR 1

2T1.201

4. MAINTAIN A MINIMUM SEPARATION OF 12" BETWEEN TECHNOLOGY CONDUITS AND ELECTRICAL CONDUITS.
5. UNDERGROUND CONDUITS/DUCTS SHALL HAVE NO MORE THAN 90

AT DEVICE LOCATION.

TECHNOLOGY - SITE PLAN - GENERAL NOTES:

REFER TO ELECTRICAL FOR ADDITIONAL REQUIREMENTS.

2. EXACT CONDUIT ROUTING SHALL BE FIELD COORDINATED.

3. TECHNOLOGY SHALL RUN IN THE SAME TRENCH AS ELECTRICAL WHERE

DEGREES OF BENDS BETWEEN PULLBOXES OR DEVICE LOCATIONS WITH

A MAXIMUM BEND RADIUS OF 45 DEGRESS EXCEPT WHERE STUBBING UP

6. ALL HDPE DUCTS SHALL BE SMOOTH-WALLED SDR-11 OR SDR-13.5, DURA-LINE OR EQUAL.

7. ALL HDPE DUCTS SHALL BE BURIED AT A MINIMUM OF 24" BELOW GRADE EXCEPT WHERE ELECTRICAL IS RUN SHALLOWER. AT THESE LOCATIONS CONDUITS SHALL MATCH ELECTRICAL PATHWAYS' DEPTH. CONTRACTOR SHALL COORDINATE EXACT DEPTH TO ENSURE DUCTS DO NOT CONFLICT WITH STRUCTURAL ELEMENTS (WALL FOOTINGS, BUILDINGS, STRUCTURAL ELEMENTS, WATER FEATURES, ETC.).

8. ALL DUCTS/CONDUITS SHALL HAVE PULL STRINGS AND SHALL HAVE NYLON BUSHINGS ON THE ENDS.

9. ANY CONDUIT ENTERING THE BUILDING FROM UNDERGROUND SHALL BE SEALED WITH AT BOTH ENDS WITH AN INFLATABLE DUCT PLUG SYSTEM TO PREVENT GASES AND WATER FROM PENETRATING INTO THE

10. UNDERGROUND ENCLOSURES / HAND HOLES SHALL BE FIBERGLASS-REINFORCED AND FLUSH MOUNTED TO GRADE IN ALL AREAS OUTSIDE THE FIRE LANE AND SHALL BE CONCRETE AND FLUSH MOUNTED TO GRADE IN THE FIRE LANE. ALL ENCLOSURE LIDS SHALL BE MARKED "TELECOMMUNICATIONS". THEY SHALL BE CONSTRUCTED WITH A LOAD RATING PER ANSI/SCTE - 77 TIER 22 IN ALL AREAS OUTSIDE THE FIRE LANE AND H-20 IN THE FIRE LANE. THEY SHALL INCLUDE KEYED LOCKING SYSTEM, BE EQUIPED WITH CABLE RACKS, CONDUIT ENTRANCES, AND STRUT INSERTS. BOTTOM OF ENCLOSURES OUTSIDE FIRE LAN SHALL NOT BE SOLID. ENCLOSURES SHALL BE HUBBELL,

KEYNOTES:

BUILDING.

UNDERGROUND ENCLOSURE, 48" X 48" X 48" BY E.C. FIELD COORDINATE EXACT LOCATION WITH OTHER UTILITIES.

OLDCASTLE, OR SIMILAR EQUIPPED SYSTEM.

18"X24"X18" FIBERGLASS REINFORCED PULL BOX BY E.C. FIELD COORDINATE EXACT LOCATION WITH OTHER UTILITIES.

FOUR (4) 4" HDPE DUCTS FROM NEMA 4X ENCLOSURE TO UNDERGROUND ENCLOSURE. (1) 4" 3-CELL DETECTABLE MAXCELL INNERDUCT IN EACH DUCT, ALL BY E.C. CONDUITS WILL ROUTE OVERHEAD FROM NEMA 4X ENCLOSURE TO EXTERIOR WALL WHERE THEY WILL SWEEP THROUGH THE EXTERIOR WALL OF THE BUILDING BEHIND THE METAL DECORATIVE PANELING AND TRANSITION UNDERGROUND TO UNDERGROUND ENCLOSURE. FIELD COORDINATE EXACT ROUTE THROUGH BUILDING AND UNDERGROUND TO ENCLOSURE.

(4) 4" HDPE DUCTS UNDERGROUND. (1) 4" 3-CELL DETECTABLE MAXCELL INNERDUCT IN EACH DUCT. ALL BY E.C.

(2) 4" HDPE DUCTS UNDERGROUND. (1) 4" 3-CELL DETECTABLE MAXCELL INNERDUCT IN EACH DUCT. ALL BY E.C.

(1) 1-1/4" CONDUIT FROM UNDERGROUND ENCLOSURE TO BOLLARD LOCATION.

(1) 1-1/4" CONDUIT FROM UNDERGROUND ENCLOSURE TO POLE LOCATION. CONDUIT SHALL RISE UP POLE TO 12' AFG WHERE THERE SHALL BE A SINGLE GANG BACKBOX ACCESSIBLE FROM

OUTSIDE THE POLE FOR FUTURE MAINTENANCE.

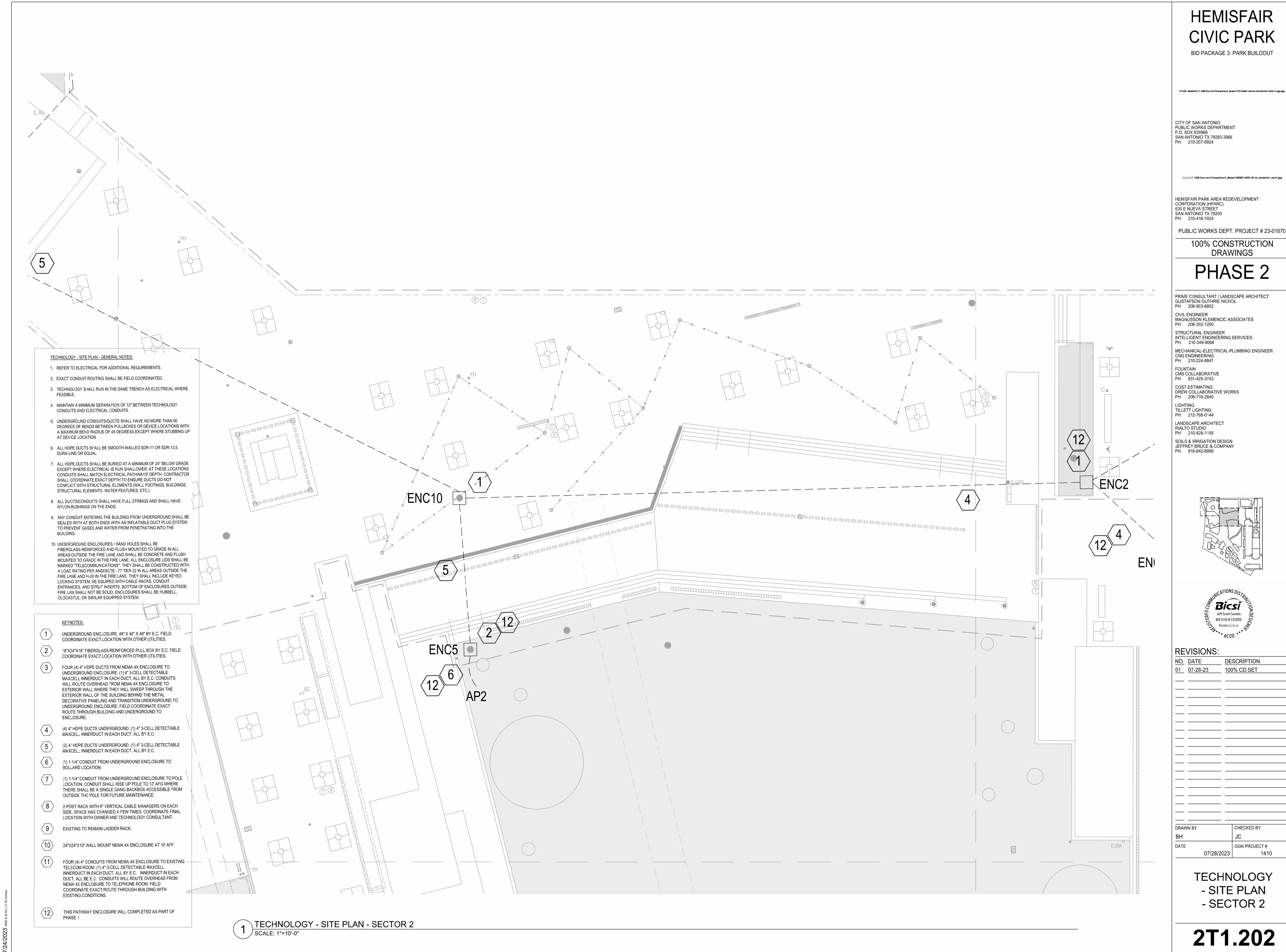
2-POST RACK WITH 6" VERTICAL CABLE MANAGERS ON EACH SIDE. SPACE HAS CHANGED A FEW TIMES, COORDINATE FINAL LOCATION WITH OWNER AND TECHNOLOGY CONSULTANT.

9 EXISTING TO REMAIN LADDER RACK.

24"X24"X10" WALL MOUNT NEMA 4X ENCLOSURE AT 10' AFF.

FOUR (4) 4" CONDUITS FROM NEMA 4X ENCLOSURE TO EXISTING TELECOM ROOM. (1) 4" 3-CELL DETECTABLE MAXCELL INNERDUCT IN EACH DUCT. ALL BY E.C. INNERDUCT IN EACH DUCT, ALL BE E.C. CONDUITS WILL ROUTE OVERHEAD FROM NEMA 4X ENCLOSURE TO TELEPHONE ROOM. FIELD COORDINATE EXACT ROUTE THROUGH BUILDING WITH EXISTING CONDITIONS.

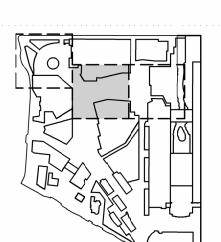
THIS PATHWAY ENCLOSURE WILL COMPLETED AS PART OF PHASE 1.



CIVIC PARK BID PACKAGE 3: PARK BUILDOUT

PUBLIC WORKS DEPT. PROJECT # 23-01670

MECHANICAL-ELECTRICAL-PLUMBING ENGINEER



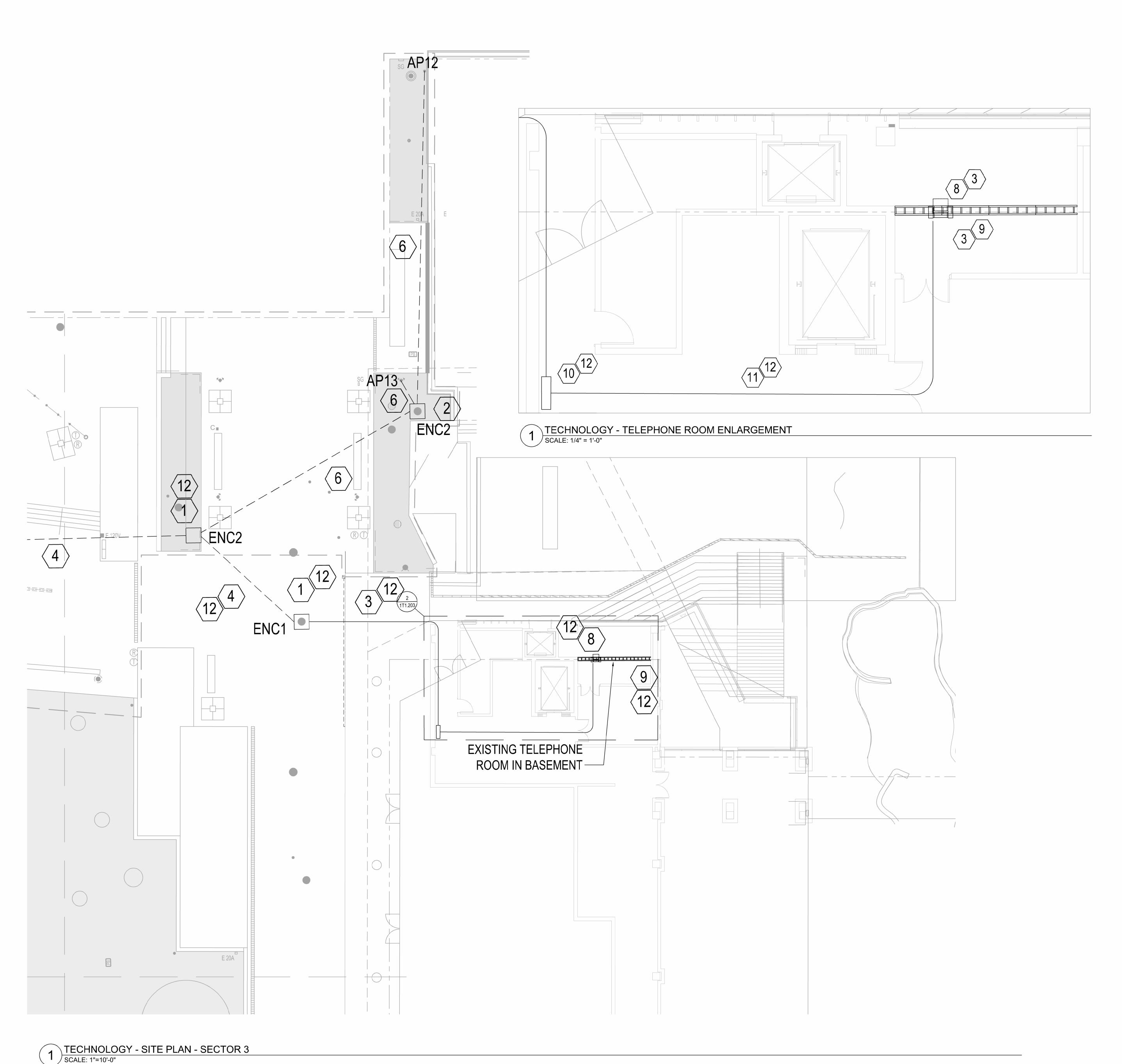


DESCRIPTION

CHECKED BY

TECHNOLOGY - SITE PLAN

2T1.202



TECHNOLOGY - SITE PLAN - GENERAL NOTES:

CONDUITS AND ELECTRICAL CONDUITS.

AT DEVICE LOCATION.

DURA-LINE OR EQUAL.

REFER TO ELECTRICAL FOR ADDITIONAL REQUIREMENTS.

2. EXACT CONDUIT ROUTING SHALL BE FIELD COORDINATED.

3. TECHNOLOGY SHALL RUN IN THE SAME TRENCH AS ELECTRICAL WHERE

4. MAINTAIN A MINIMUM SEPARATION OF 12" BETWEEN TECHNOLOGY

5. UNDERGROUND CONDUITS/DUCTS SHALL HAVE NO MORE THAN 90

6. ALL HDPE DUCTS SHALL BE SMOOTH-WALLED SDR-11 OR SDR-13.5,

SHALL COORDINATE EXACT DEPTH TO ENSURE DUCTS DO NOT CONFLICT WITH STRUCTURAL ELEMENTS (WALL FOOTINGS, BUILDINGS,

8. ALL DUCTS/CONDUITS SHALL HAVE PULL STRINGS AND SHALL HAVE

9. ANY CONDUIT ENTERING THE BUILDING FROM UNDERGROUND SHALL BE SEALED WITH AT BOTH ENDS WITH AN INFLATABLE DUCT PLUG SYSTEM TO PREVENT GASES AND WATER FROM PENETRATING INTO THE

FIBERGLASS-REINFORCED AND FLUSH MOUNTED TO GRADE IN ALL AREAS OUTSIDE THE FIRE LANE AND SHALL BE CONCRETE AND FLUSH MOUNTED TO GRADE IN THE FIRE LANE. ALL ENCLOSURE LIDS SHALL BE MARKED "TELECOMMUNICATIONS". THEY SHALL BE CONSTRUCTED WITH A LOAD RATING PER ANSI/SCTE - 77 TIER 22 IN ALL AREAS OUTSIDE THE FIRE LANE AND H-20 IN THE FIRE LANE. THEY SHALL INCLUDE KEYED LOCKING SYSTEM, BE EQUIPED WITH CABLE RACKS, CONDUIT

ENTRANCES, AND STRUT INSERTS. BOTTOM OF ENCLOSURES OUTSIDE FIRE LAN SHALL NOT BE SOLID. ENCLOSURES SHALL BE HUBBELL,

UNDERGROUND ENCLOSURE, 48" X 48" X 48" BY E.C. FIELD COORDINATE EXACT LOCATION WITH OTHER UTILITIES.

FOUR (4) 4" HDPE DUCTS FROM NEMA 4X ENCLOSURE TO

UNDERGROUND ENCLOSURE. (1) 4" 3-CELL DETECTABLE

MAXCELL INNERDUCT IN EACH DUCT, ALL BY E.C. CONDUITS WILL ROUTE OVERHEAD FROM NEMA 4X ENCLOSURE TO EXTERIOR WALL WHERE THEY WILL SWEEP THROUGH THE EXTERIOR WALL OF THE BUILDING BEHIND THE METAL

DECORATIVE PANELING AND TRANSITION UNDERGROUND TO UNDERGROUND ENCLOSURE. FIELD COORDINATE EXACT ROUTE THROUGH BUILDING AND UNDERGROUND TO

(4) 4" HDPE DUCTS UNDERGROUND. (1) 4" 3-CELL DETECTABLE

(2) 4" HDPE DUCTS UNDERGROUND. (1) 4" 3-CELL DETECTABLE MAXCELL INNERDUCT IN EACH DUCT. ALL BY E.C.

(1) 1-1/4" CONDUIT FROM UNDERGROUND ENCLOSURE TO POLE LOCATION. CONDUIT SHALL RISE UP POLE TO 12' AFG WHERE THERE SHALL BE A SINGLE GANG BACKBOX ACCESSIBLE FROM

2-POST RACK WITH 6" VERTICAL CABLE MANAGERS ON EACH SIDE. SPACE HAS CHANGED A FEW TIMES, COORDINATE FINAL LOCATION WITH OWNER AND TECHNOLOGY CONSULTANT.

24"X24"X10" WALL MOUNT NEMA 4X ENCLOSURE AT 10' AFF.

TELECOM ROOM. (1) 4" 3-CELL DETECTABLE MAXCELL INNERDUCT IN EACH DUCT. ALL BY E.C. INNERDUCT IN EACH

COORDINATE EXACT ROUTE THROUGH BUILDING WITH

THIS PATHWAY ENCLOSURE WILL COMPLETED AS PART OF

FOUR (4) 4" CONDUITS FROM NEMA 4X ENCLOSURE TO EXISTING

DUCT, ALL BE E.C. CONDUITS WILL ROUTE OVERHEAD FROM NEMA 4X ENCLOSURE TO TELEPHONE ROOM. FIELD

(1) 1-1/4" CONDUIT FROM UNDERGROUND ENCLOSURE TO

MAXCELL INNERDUCT IN EACH DUCT. ALL BY E.C.

OUTSIDE THE POLE FOR FUTURE MAINTENANCE.

EXISTING TO REMAIN LADDER RACK.

EXISTING CONDITIONS.

18"X24"X18" FIBERGLASS REINFORCED PULL BOX BY E.C. FIELD COORDINATE EXACT LOCATION WITH OTHER UTILITIES.

STRUCTURAL ELEMENTS, WATER FEATURES, ETC.).

10. UNDERGROUND ENCLOSURES / HAND HOLES SHALL BE

OLDCASTLE, OR SIMILAR EQUIPPED SYSTEM.

NYLON BUSHINGS ON THE ENDS.

BUILDING.

KEYNOTES:

ENCLOSURE.

BOLLARD LOCATION.

7. ALL HDPE DUCTS SHALL BE BURIED AT A MINIMUM OF 24" BELOW GRADE EXCEPT WHERE ELECTRICAL IS RUN SHALLOWER. AT THESE LOCATIONS CONDUITS SHALL MATCH ELECTRICAL PATHWAYS' DEPTH. CONTRACTOR

DEGREES OF BENDS BETWEEN PULLBOXES OR DEVICE LOCATIONS WITH

A MAXIMUM BEND RADIUS OF 45 DEGRESS EXCEPT WHERE STUBBING UP

HEMISFAIR
CIVIC PARK
BID PACKAGE 3: PARK BUILDOUT

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CITY OF SAN ANTONIO
PUBLIC WORKS DEPARTMENT
P.O. BOX 839966
SAN ANTONIO TX 78283-3966
PH. 210-207-6924

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HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

PUBLIC WORKS DEPT. PROJECT # 23-01670

100% CONSTRUCTION

DI IA OF O

PRIME CONSULTANT / LANDSCAPE ARCHITECT GUSTAFSON GUTHRIE NICHOL

PH. 206-903-6802

CIVIL ENGINEER

MAGNUSSON KLEMENCIC ASSOCIATES

PH. 206-292-1200

STRUCTURAL ENGINEER
INTELLIGENT ENGINEERING SERVICES

PH. 210-349-9098

MECHANICAL-ELECTRICAL-PLUMBING ENGINEER CNG ENGINEERING
PH. 210-224-8841

FOUNTAIN CMS COLLABORATIVE PH. 831-425-3743

COST ESTIMATING DREW COLLABORATIVE WORKS

PH. 206-718-2840

LIGHTING
TILLETT LIGHTING
PH. 212-766-0144

LANDSCAPE ARCHITECT
RIALTO STUDIO
PH. 210-828-1155

SOILS & IRRIGATION DESIGN
JEFFREY BRUCE & COMPANY

PH. 816-842-8999





 NO. DATE
 DESCRIPTION

 01 07-28-23
 100% CD SET

TECHNOLOGY
- SITE PLAN
- SECTOR 3

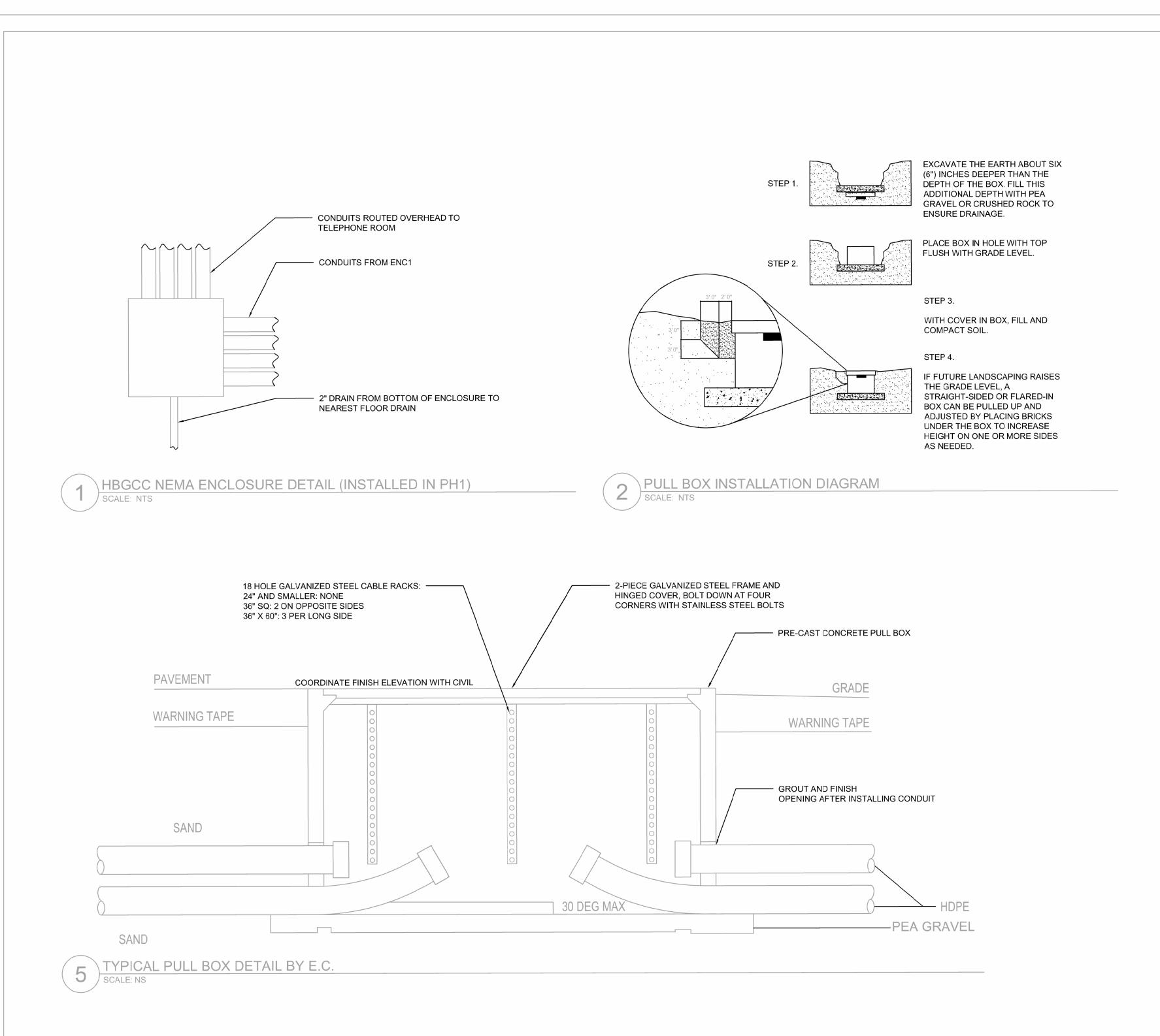
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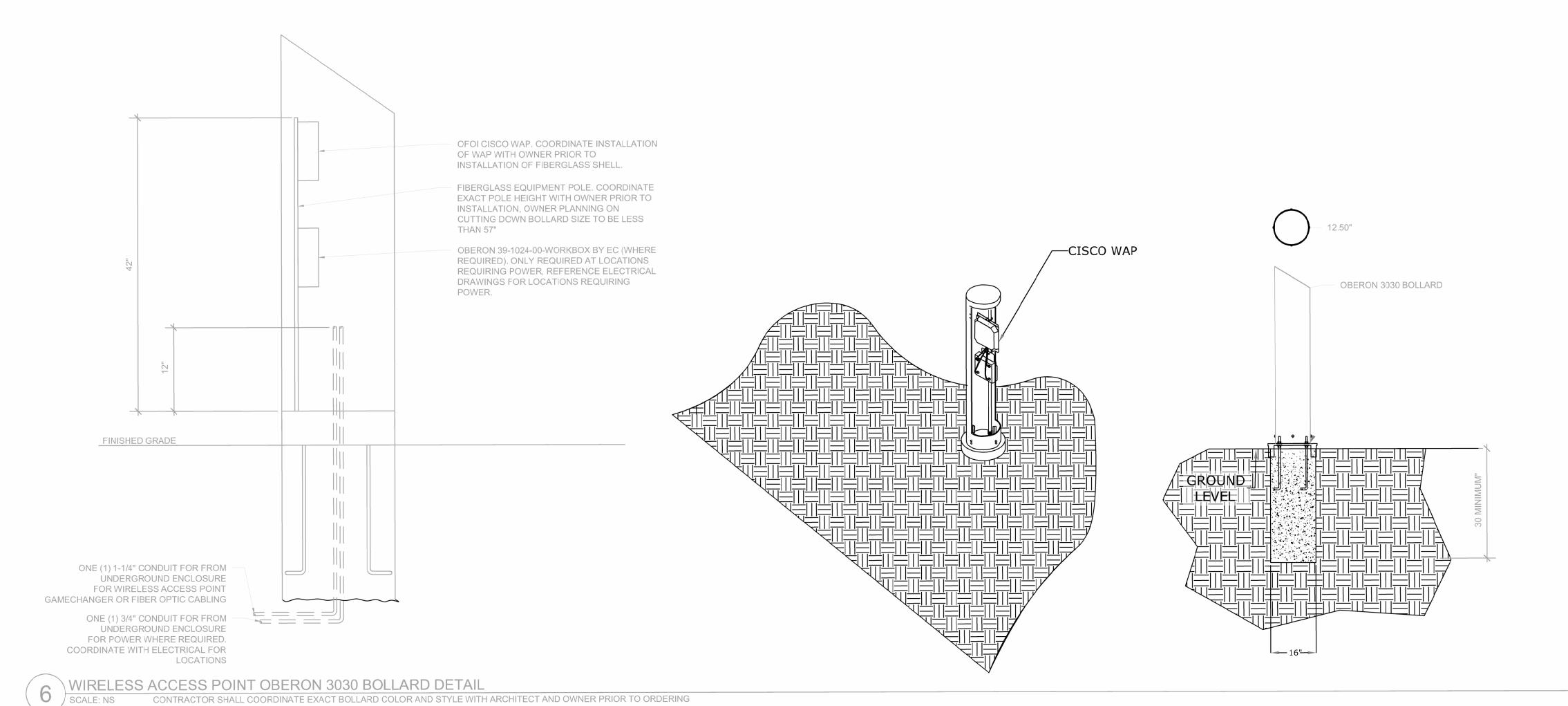
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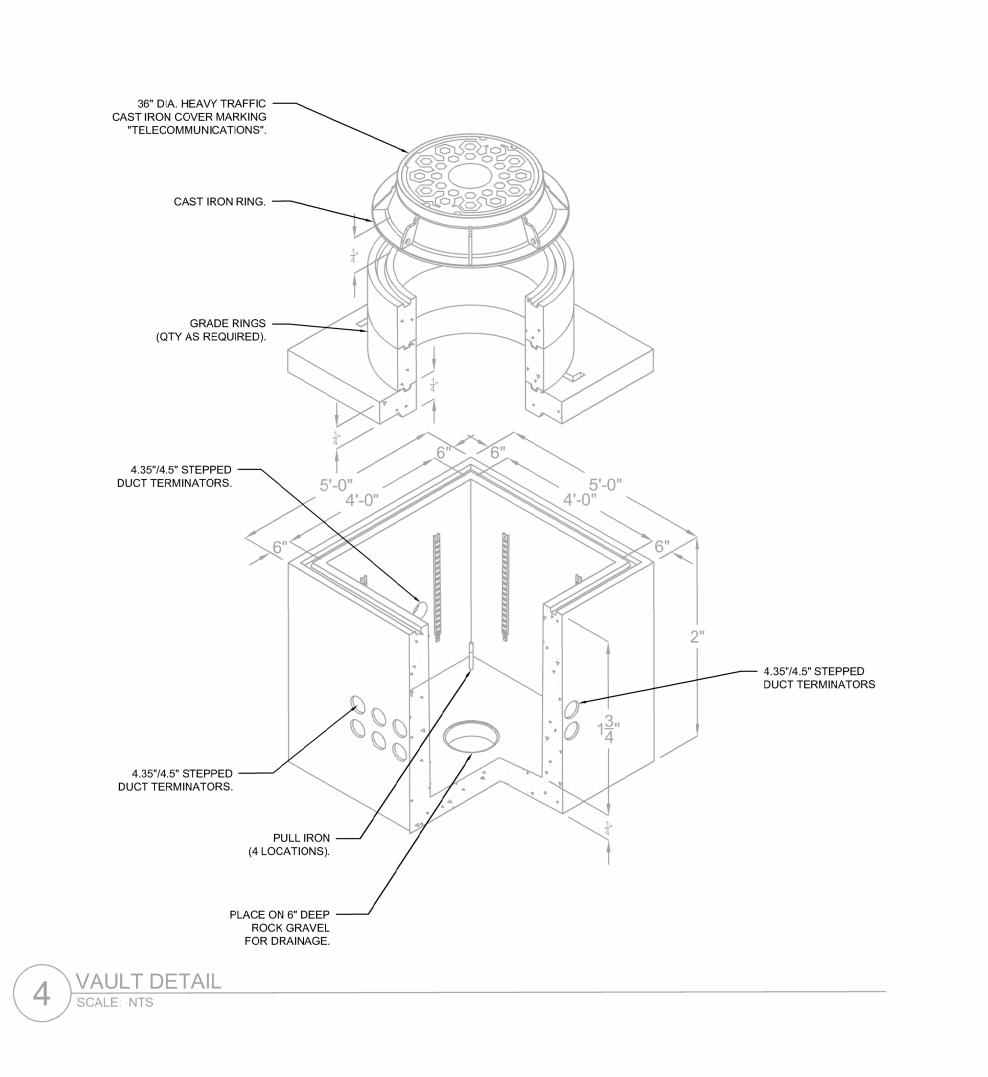
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NOTE: BY ELECTRICAL CONTRACTOR UNLESS

T1"c. RADIUS SWEEP
ABOVE CEILING ROUTED

TO NEMA4 ENCLOSURE.

NO CONDUIT SHALL HAVE

MORE THAN TWO 90°

SWEEPS.

7-4-11/16 x 4-11/16 x 3-1/4" DEEP

NOTE: CONDUIT AND

CONTRACTOR

TECHNOLOGY ROUGH-IN DETAIL

BACKBOX PROVIDED BY ELECTRICAL

BACK BOX

REFERENCE WIRELESS ACCESS POINT SCHEDULE

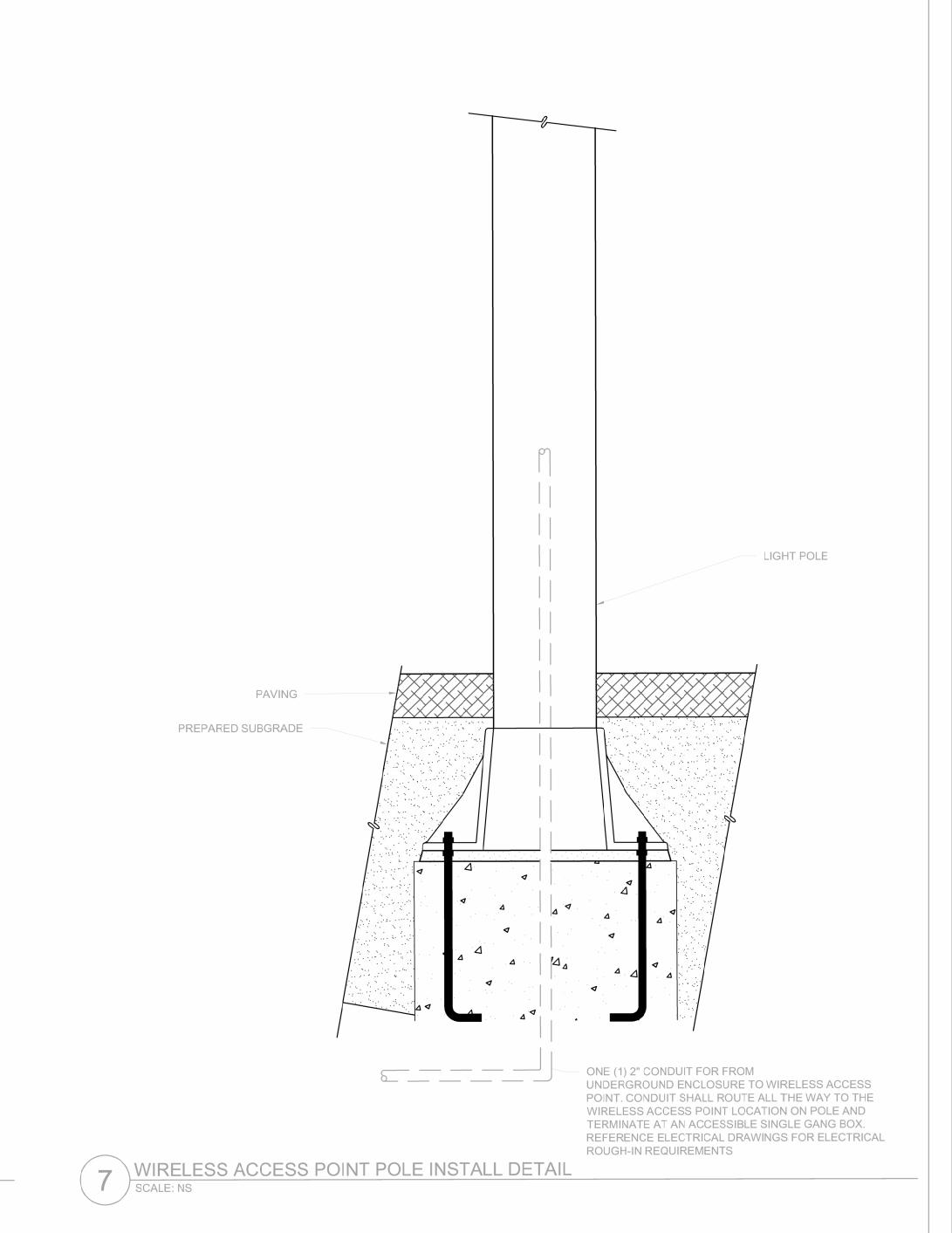
BUILDING MOUNTED WAP DETAIL

NOTED OTHERWISE.

FINISHED CEILING

SINGLE GANG MUDING

3 TECHNO SCALE: NS



HEMISFAIR CIVIC PARK

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BID PACKAGE 3: PARK BUILDOUT

CITY OF SAN ANTONIO
PUBLIC WORKS DEPARTMENT
P.O. BOX 839966
SAN ANTONIO TX 78283-3966
PH. 210-207-6924

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HEMISFAIR PARK AREA REDEVELOPMENT CORPORATION (HPARC) 630 E NUEVA STREET SAN ANTONIO TX 78205 PH. 210-416-1024

PUBLIC WORKS DEPT. PROJECT # 23-01670

100% CONSTRUCTION

DRAWINGS

PHASE 2

PRIME CONSULTANT / LANDSCAPE ARCHITECT GUSTAFSON GUTHRIE NICHOL

CIVIL ENGINEER
MAGNUSSON KLEMENCIC ASSOCIATES
PH. 206-292-1200

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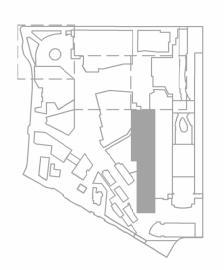
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PH. 210-828-1155

SOILS & IRRIGATION DESIGN
JEFFREY BRUCE & COMPANY
PH. 816-842-8999





RE	VISIC	NS:	
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DRAWN BY			CHECKED BY
ВН			JC
DATE			GGN PROJECT #
	_	07/28/2023	

TECHNOLOGY - DETAILS

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