

# HISTORIC AND DESIGN REVIEW COMMISSION

July 19, 2023

**HDRC CASE NO:** 2023-268  
**ADDRESS:** 814 N OLIVE ST  
**LEGAL DESCRIPTION:** NCB 540 (GREENVIEW PLACE), BLOCK 11 LOT 21  
**ZONING:** RM-4, H  
**CITY COUNCIL DIST.:** 2  
**DISTRICT:** Dignowity Hill Historic District  
**APPLICANT:** Brad Clawson/Elise Construction  
**OWNER:** Brad Clawson/Elise Construction  
**TYPE OF WORK:** Amendment to previously-approved design for new construction of three two-story residences  
**APPLICATION RECEIVED:** June 01, 2023  
**60-DAY REVIEW:** July 31, 2023  
**CASE MANAGER:** Jessica Anderson

## REQUEST:

The applicant requests a Certificate of Appropriateness for approval to amend a previous approval to construct three two-story structures on the vacant lot addressed 814 N Olive, formerly addressed 810 N Olive, specifically to:

1. Modify the carport design of the north and south structures to feature entirely metal canopies.
2. Install 5V metal roofing on all three structures.
3. Install aluminum windows on all three structures.

## APPLICABLE CITATIONS:

*Historic Design Guidelines, Chapter 4, Guidelines for New Construction*

### 1. Building and Entrance Orientation

#### A. FAÇADE ORIENTATION

- i. *Setbacks*—Align front facades of new buildings with front facades of adjacent buildings where a consistent setback has been established along the street frontage. Use the median setback of buildings along the street frontage where a variety of setbacks exist. Refer to UDC Article 3, Division 2. Base Zoning Districts for applicable setback requirements.
- ii. *Orientation*—Orient the front façade of new buildings to be consistent with the predominant orientation of historic buildings along the street frontage.

#### B. ENTRANCES

- i. *Orientation*—Orient primary building entrances, porches, and landings to be consistent with those historically found along the street frontage. Typically, historic building entrances are oriented towards the primary street.

### 2. Building Massing and Form

#### A. SCALE AND MASS

- i. *Similar height and scale*—Design new construction so that its height and overall scale are consistent with nearby historic buildings. In residential districts, the height and scale of new construction should not exceed that of the majority of historic buildings by more than one-story. In commercial districts, building height shall conform to the established pattern. If there is no more than a 50% variation in the scale of buildings on the adjacent block faces, then the height of the new building shall not exceed the tallest building on the adjacent block face by more than 10%.
- ii. *Transitions*—Utilize step-downs in building height, wall-plane offsets, and other variations in building massing to provide a visual transition when the height of new construction exceeds that of adjacent historic buildings by more than one-half story.
- iii. *Foundation and floor heights*—Align foundation and floor-to-floor heights (including porches and balconies) within one foot of floor-to-floor heights on adjacent historic structures.

#### B. ROOF FORM

- i. *Similar roof forms*—Incorporate roof forms—pitch, overhangs, and orientation—that are consistent with those predominantly found on the block. Roof forms on residential building types are typically sloped, while roof forms on non-residential building types are more typically flat and screened by an ornamental parapet wall.

## C. RELATIONSHIP OF SOLIDS TO VOIDS

- i. *Window and door openings*—Incorporate window and door openings with a similar proportion of wall to window space as typical with nearby historic facades. Windows, doors, porches, entryways, dormers, bays, and pediments shall be considered similar if they are no larger than 25% in size and vary no more than 10% in height to width ratio from adjacent historic facades.
- ii. *Façade configuration*— The primary façade of new commercial buildings should be in keeping with established patterns. Maintaining horizontal elements within adjacent cap, middle, and base precedents will establish a consistent street wall through the alignment of horizontal parts. Avoid blank walls, particularly on elevations visible from the street. No new façade should exceed 40 linear feet without being penetrated by windows, entryways, or other defined bays.

## D. LOT COVERAGE

- i. *Building to lot ratio*— New construction should be consistent with adjacent historic buildings in terms of the building to lot ratio. Limit the building footprint for new construction to no more than 50 percent of the total lot area, unless adjacent historic buildings establish a precedent with a greater building to lot ratio.

### 3. Materials and Textures

#### A. NEW MATERIALS

- i. *Complementary materials*—Use materials that complement the type, color, and texture of materials traditionally found in the district. Materials should not be so dissimilar as to distract from the historic interpretation of the district. For example, corrugated metal siding would not be appropriate for a new structure in a district comprised of homes with wood siding.
- ii. *Alternative use of traditional materials*—Consider using traditional materials, such as wood siding, in a new way to provide visual interest in new construction while still ensuring compatibility.
- iii. *Roof materials*—Select roof materials that are similar in terms of form, color, and texture to traditionally used in the district.
- iv. *Metal roofs*—Construct new metal roofs in a similar fashion as historic metal roofs. Refer to the Guidelines for Alterations and Maintenance section for additional specifications regarding metal roofs.
- v. *Imitation or synthetic materials*—Do not use vinyl siding, plastic, or corrugated metal sheeting. Contemporary materials not traditionally used in the district, such as brick or simulated stone veneer and Hardie Board or other fiberboard siding, may be appropriate for new construction in some locations as long as new materials are visually similar to the traditional material in dimension, finish, and texture. EIFS is not recommended as a substitute for actual stucco.

#### B. REUSE OF HISTORIC MATERIALS

- i. *Salvaged materials*—Incorporate salvaged historic materials where possible within the context of the overall design of the new structure.

### 4. Architectural Details

#### A. GENERAL

- i. *Historic context*—Design new buildings to reflect their time while respecting the historic context. While new construction should not attempt to mirror or replicate historic features, new structures should not be so dissimilar as to distract from or diminish the historic interpretation of the district.
- ii. *Architectural details*—Incorporate architectural details that are in keeping with the predominant architectural style along the block face or within the district when one exists. Details should be simple in design and should complement, but not visually compete with, the character of the adjacent historic structures or other historic structures within the district. Architectural details that are more ornate or elaborate than those found within the district are inappropriate.
- iii. *Contemporary interpretations*—Consider integrating contemporary interpretations of traditional designs and details for new construction. Use of contemporary window moldings and door surroundings, for example, can provide visual interest while helping to convey the fact that the structure is new. Modern materials should be implemented in a way that does not distract from the historic structure.

### 5. Garages and Outbuildings

#### A. DESIGN AND CHARACTER

- i. *Massing and form*—Design new garages and outbuildings to be visually subordinate to the principal historic structure in terms of their height, massing, and form.
- ii. *Building size* – New outbuildings should be no larger in plan than 40 percent of the principal historic structure footprint.
- iii. *Character*—Relate new garages and outbuildings to the period of construction of the principal building on the lot through the use of complementary materials and simplified architectural details.

- iv. *Windows and doors*—Design window and door openings to be similar to those found on historic garages or outbuildings in the district or on the principle historic structure in terms of their spacing and proportions.
- v. *Garage doors*—Incorporate garage doors with similar proportions and materials as those traditionally found in the district.

## B. SETBACKS AND ORIENTATION

- i. *Orientation*—Match the predominant garage orientation found along the block. Do not introduce front-loaded garages or garages attached to the primary structure on blocks where rear or alley-loaded garages were historically used.
- ii. *Setbacks*—Follow historic setback pattern of similar structures along the streetscape or district for new garages and outbuildings. Historic garages and outbuildings are most typically located at the rear of the lot, behind the principal building. In some instances, historic setbacks are not consistent with UDC requirements and a variance may be required.

## 6. Mechanical Equipment and Roof Appurtenances

### A. LOCATION AND SITING

- i. *Visibility*—Do not locate utility boxes, air conditioners, rooftop mechanical equipment, skylights, satellite dishes, and other roof appurtenances on primary facades, front-facing roof slopes, in front yards, or in other locations that are clearly visible from the public right-of-way.
- ii. *Service Areas*—Locate service areas towards the rear of the site to minimize visibility from the public right-of-way.

### B. SCREENING

- i. *Building-mounted equipment*—Paint devices mounted on secondary facades and other exposed hardware, frames, and piping to match the color scheme of the primary structure or screen them with landscaping.
- ii. *Freestanding equipment*—Screen service areas, air conditioning units, and other mechanical equipment from public view using a fence, hedge, or other enclosure.
- iii. *Roof-mounted equipment*—Screen and set back devices mounted on the roof to avoid view from public right-of-way.

## 7. Designing for Energy Efficiency

### A. BUILDING DESIGN

- i. *Energy efficiency*—Design additions and new construction to maximize energy efficiency.
- ii. *Materials*—Utilize green building materials, such as recycled, locally-sourced, and low maintenance materials whenever possible.
- iii. *Building elements*—Incorporate building features that allow for natural environmental control – such as operable windows for cross ventilation.
- iv. *Roof slopes*—Orient roof slopes to maximize solar access for the installation of future solar collectors where compatible with typical roof slopes and orientations found in the surrounding historic district.

### B. SITE DESIGN

- i. *Building orientation*—Orient new buildings and additions with consideration for solar and wind exposure in all seasons to the extent possible within the context of the surrounding district.
- ii. *Solar access*—Avoid or minimize the impact of new construction on solar access for adjoining properties.

### C. SOLAR COLLECTORS

- i. *Location*—Locate solar collectors on side or rear roof pitch of the primary historic structure to the maximum extent feasible to minimize visibility from the public right-of-way while maximizing solar access. Alternatively, locate solar collectors on a garage or outbuilding or consider a ground-mount system where solar access to the primary structure is limited.
- ii. *Mounting (sloped roof surfaces)*—Mount solar collectors flush with the surface of a sloped roof. Select collectors that are similar in color to the roof surface to reduce visibility.
- iii. *Mounting (flat roof surfaces)*—Mount solar collectors flush with the surface of a flat roof to the maximum extent feasible. Where solar access limitations preclude a flush mount, locate panels towards the rear of the roof where visibility from the public right-of-way will be minimized.

## Standard Specifications for Windows in Additions and New Construction

- **GENERAL:** New windows on additions should relate to the windows of the primary historic structure in terms of materiality and overall appearance. Windows used in new construction should be similar in appearance to those commonly found within the district in terms of size, profile, and configuration. While no material is expressly prohibited by the Historic Design Guidelines, a high-quality wood or aluminum-clad wood window

product often meets the Guidelines with the stipulations listed below. Whole window systems should match the size of historic windows on property unless otherwise approved.

- **SIZE:** Windows should feature traditional dimensions and proportions as found within the district.
- **SASH:** Meeting rails must be no taller than 1.25". Stiles must be no wider than 2.25". Top and bottom sashes must be equal in size unless otherwise approved.
- **DEPTH:** There should be a minimum of 2" in depth between the front face of the window trim and the front face of the top window sash.
  - This must be accomplished by recessing the window sufficiently within the opening or with the installation of additional window trim to add thickness.
- **TRIM:** Window trim must feature traditional dimensions and architecturally appropriate casing and sloped sill detail. Window track components such as jamb liners must be painted to match the window trim or concealed by a wood window screen set within the opening.
- **GLAZING:** Windows should feature clear glass. Low-e or reflective coatings are not recommended for replacements. The glazing should not feature faux divided lights with an interior grille. If approved to match a historic window configuration, the window should feature real exterior muntins.
- **COLOR:** Wood windows should feature a painted finished. If a clad product is approved, white or metallic manufacturer's color is not allowed, and color selection must be presented to staff.
- **INSTALLATION:** Wood windows should be supplied in a block frame and exclude nailing fins. Window opening sizes should not be altered to accommodate stock sizes prior to approval.
- **FINAL APPROVAL:** If the proposed window does not meet the aforementioned stipulations, then the applicant must submit updated window specifications to staff for review, prior to purchase and installation. For more assistance, the applicant may request the window supplier to coordinate with staff directly for verification.

## **FINDINGS:**

- a. The applicant requests to amend a previous approval to construct three two-story structures on the vacant lot addressed 814 N Olive, formerly addressed 810 N Olive. The structures are currently under construction.
- b. **PREVIOUS APPROVAL:** This request was approved by the Historic and Design Review Commission on July 18, 2018. Certificates of Appropriateness are valid for 180 days, and the issued Certificate of Appropriateness expired. The HDRC reissued the Certificate of Appropriateness on May 1, 2020, which also subsequently expired. The previously-approved plans for the three two-story structures included approval of a corrugated metal roofs and fiberglass-clad wood windows on all three structures, and carports on the north and south structures that featured wood-framed canopies with exposed rafter tails and I-beams. When the applicant requested staff reissue the previously-approved HDRC Certificate of Appropriateness, staff noted the structures as built feature 5V galvalume metal roofs and metal-framed canopies without exposed rafter tails or I-beams on the north and south structures. The applicant shared by email the request to install aluminum windows rather than the previously-approved fiberglass-clad wood windows.
- c. **CARPORTS (DESIGNS FOR NORTH AND SOUTH STRUCTURES):** The applicant requests to install fully-metal carports on the north and south structures; the HDRC previously approved carport canopies framed in wood with exposed rafter tails and I-beams. Historic Design Guidelines for New Construction 4.A state that architectural details should be in keeping with the predominant architectural style along the block face or within the district when one exists, and that integrating contemporary interpretations of traditional designs and details for new construction should be considered. Craftsman is the dominant style found on the block. The previously-approved design conforms to guidelines through its use of wood-framed canopies with rafter tails supported by more modern metal posts and exposed I-beams. The proposed fully-metal carport design does not conform to guidelines.
- d. **ROOFS (MATERIALS):** The applicant requests to install a 5V metal roofing on all three structures; the HDRC previously approved corrugated metal roofing. Historic Design Guidelines for New Construction 3.A.iii says to construct new metal roofs in a similar fashion as historic metal roofs. The 5V metal roof does not conform to guidelines. Staff finds standing-seam metal roofs would conform to guidelines. The roofs should feature panels that are 18 to 21 inches wide, seams that are 1 to 2 inches high, a crimped ridge seam, and match the current finish or a standard galvalume finish. Panels should be smooth without striation or corrugation. Ridges are to feature a double-munch or crimped ridge configuration; no vented ridge caps or end caps are allowed.
- e. **WINDOWS (MATERIALS):** The applicant requests to install aluminum windows on all three structures; the HDRC previously approved fiberglass-clad wood windows, which are still reflected on the most recent plans

submitted by the applicant. Per Standard Specifications for Windows in Additions and New Construction, new windows on additions should relate to the windows of the primary historic structure in terms of materiality and overall appearance. While no material is expressly prohibited by the Historic Design Guidelines, a high-quality wood or aluminum-clad wood window product often meets the Guidelines. Staff finds the request does not conform to guidelines.

**RECOMMENDATION:**

Staff recommends approval of items 1 through 3, based on findings a through e, with the following stipulations:

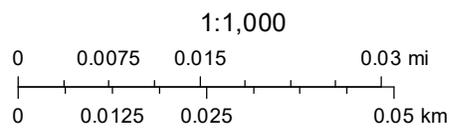
- i. That the applicant proposes the previously-approved carport design for the north and south structures that features exposed rafter tails and I-beams, as noted in finding c.
- ii. That the applicant installs a standing seam metal roofs on all three structures, as noted in finding d. The roofs should feature panels that are 18 to 21 inches wide, seams that are 1 to 2 inches high, a crimped ridge seam, and match the current finish or a standard galvalume finish. Panels should be smooth without striation or corrugation. Ridges are to feature a double-munch or crimped ridge configuration; no vented ridge caps or end caps are allowed. An inspection must be scheduled with OHP staff prior to the start of work to verify that the roofing material matches the approved specifications. No modifications to the roof pitch or roof form are requested or approved at this time.
- iii. That the applicant proposes a window product that conforms to standard specifications for windows in new construction, namely a high-quality wood or aluminum-clad wood window product, as noted in finding e.

# City of San Antonio One Stop



July 13, 2023

- CoSA Addresses
- CoSA Parcels
- BCAD Parcels



















# LOT 21, BLOCK 11, GREENVIEW PLACE SUBDIVISION

## 814 N. OLIVE STREET

## SAN ANTONIO, TEXAS

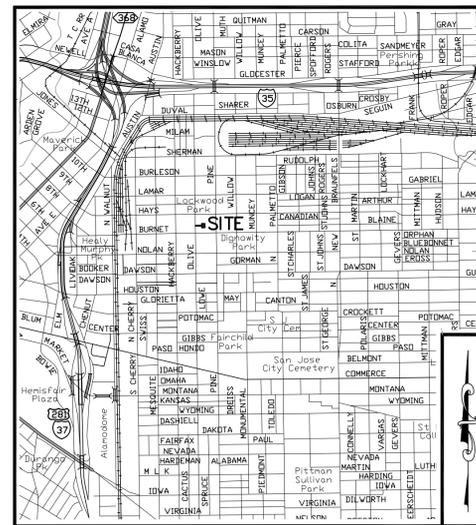
**GENERAL NOTES:**

- ALL MATERIALS AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF THIS CONTRACT SHALL CONFORM TO ALL APPLICABLE CITY OF SAN ANTONIO (COSA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION), TEXAS DEPARTMENT OF TRANSPORTATION (TXDOT) STANDARD SPECIFICATIONS (LATEST EDITION), AND THE SAN ANTONIO WATER SYSTEM STANDARD (SAWS) SPECIFICATIONS FOR WATER AND SANITARY SEWER CONSTRUCTION (LATEST EDITION).
- THE GEOTECHNICAL REPORT SHALL BE THE GOVERNING DOCUMENT WHERE DISCREPANCIES EXIST BETWEEN IT AND COSA, TXDOT, AND SAWS SPECIFICATIONS.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY CONSTRUCTION PERMITS AND PROPERLY NOTIFY ALL APPLICABLE GOVERNMENTAL AND UTILITY AGENCIES PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR IS TO NOTIFY AND MAKE ARRANGEMENTS WITH THE CITY OF SAN ANTONIO BUILDING INSPECTION DEPARTMENT 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR ALL PUBLIC UTILITY CONNECTIONS (ELECTRIC, WATER, GAS, SEPTIC, SEWER) AS WELL AS PROVIDING ALL INFRASTRUCTURES REQUIRED BY UTILITY COMPANY.
- CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNERS AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT, EXCEPTING FROM LIABILITY ARISING FROM SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY QUESTIONS THAT MAY ARISE CONCERNING THE ALIGNMENT, PLACEMENT, OR LIMITS OF DIMENSIONS OR GRADES NECESSARY FOR CONSTRUCTION OF THIS PROJECT.
- THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES INDICATED ON THE PLANS ARE PER FIELD LOCATES BY DYE ENTERPRISES AND TAKEN FROM AVAILABLE RECORDS, AND ARE NOT GUARANTEED, BUT SHALL BE HELD RESPONSIBLE FOR ANY DAMAGE TO AND FOR THE MAINTENANCE AND PROTECTION OF THE EXISTING UTILITIES EVEN IF THEY ARE NOT SHOWN ON THE PLANS. LOCATION AND DEPTH OF EXISTING UTILITIES SHOWN HERE ARE APPROXIMATE ONLY. ACTUAL LOCATIONS AND DEPTHS MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION, WHO SHALL BE RESPONSIBLE FOR PROTECTION OF SAME DURING CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING TO ITS ORIGINAL, OR BETTER CONDITION, ANY DAMAGE DONE TO EXISTING FENCES, UTILITIES, PAVEMENT, CURBS, SHRUBS, BUSHES, DRIVEWAYS, ETC. THAT ARE SHOWN TO REMAIN AT NO COST TO THE OWNER.
- DUE TO FEDERAL REGULATIONS TITLE 49, PART 192.181, C.P.S. MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN THE PROJECT AREA.
- ALL FILL MATERIAL USED FOR THIS PROJECT SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO USE. FILL MATERIAL SHALL NOT CONTAIN ANY VEGETATIVE MATTER, LARGE ROCKS OR TRASH.
- EXCESS EXCAVATED MATERIAL BECOMES PROPERTY OF THE CONTRACTOR TO BE DISPOSED OFFSITE IN ACCORDANCE WITH APPROPRIATE REGULATIONS.
- THE OWNER SHALL PROVIDE AN INDEPENDENT LABORATORY FOR ALL TESTING. THE CONTRACTOR SHALL PAY FOR ANY RETESTING.
- THE CONTRACTOR SHALL NOTIFY ENGINEER UPON COMPLETION OF EXCAVATION, PRIOR TO SUBGRADE MOISTURE CONDITIONING, FOR SUBGRADE INSPECTION BY TESTING LABORATORY.
- ALL SITE ELEVATIONS AND HORIZONTAL DIMENSIONS SHALL BE WITHIN 0.10 FEET OF THE DESIGN DATA SHOWN ON THE PLANS.
- NO BLASTING IS ALLOWED.
- TRENCH EXCAVATION PROTECTION – CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S REQUIRED TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES FOR THE PROJECT. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES, SHALL PROVIDE FOR ADEQUATE TRENCH SAFETY PROTECTION THAT COMPLY WITH, AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION. THE TRENCH EXCAVATION PROTECTION PLAN MUST BE SUBMITTED TO THE PROPER GOVERNING AUTHORITIES BEFORE BEGINNING CONSTRUCTION.
- BENCHMARK ELEVATIONS ARE BASED ON NAVD 88 DATUM.
- ALL CONSTRUCTION STAKING IS THE RESPONSIBILITY OF THE CONTRACTOR. DYE ENTERPRISES IS AVAILABLE TO PERFORM ALL CONSTRUCTION STAKING FOR THE CONTRACTOR, IF THE CONTRACTOR DESIRES, A REQUEST FOR PROPOSAL FOR THESE SERVICES CAN BE SUBMITTED TO DYE ENTERPRISES.

**GRADING AND DRAINAGE:**

- CONTRACTOR SHALL USE ADEQUATE EROSION AND SEDIMENTATION CONTROLS TO PREVENT TRANSPORT OF SEDIMENT FROM SITE.
- ALL DISTURBED AREAS SHALL BE REVEGETATED PER LANDSCAPE PLANS OR AS OTHERWISE APPROVED BY OWNER.
- POSITIVE DRAINAGE SHALL BE MAINTAINED ON ALL SURFACE AREAS WITHIN THE SCOPE OF THIS PROJECT. DRAINAGE SHALL BE DIRECTED AWAY FROM ALL FOUNDATIONS.

LEGAL DESCRIPTION  
 LOT 21, BLOCK 11, N.C.B. 540, GREENVIEW PLACE  
 SUBDIVISION AS RECORDED IN VOLUME 20001, PAGE 1297,  
 PLAT RECORDS OF BEXAR COUNTY, TEXAS.



LOCATION MAP  
 1"=2000'

### INDEX OF CIVIL SHEETS

- SHEET C1.0 GENERAL NOTES & INDEX
- SHEET C2.0 EXISTING CONDITIONS & DEMOLITION PLAN
- SHEET C3.0 SITE & DIMENSIONAL CONTROL PLAN
- SHEET C4.0 GRADING & DRAINAGE PLAN
- SHEET C5.0 UTILITY LAYOUT
- SHEET C6.0 SITE FIRE PROTECTION PLAN
- SHEET C7.0 UTILITY NOTES & DETAILS
- SHEET C7.1 UTILITY DETAILS
- SHEET C7.2 ALLEY PAVEMENT WIDENING

2-19-20

NO.	DATE	COMMENTS
1	02/19/20	CITY COMMENTS:



**DYE ENTERPRISES**  
 ENGINEERS • SURVEYORS • PLANNERS

REGISTRATION #00857500  
 TITLE FIRE PROTECTION #00857500  
 4047 STAHL ROAD, SUITE #3  
 SAN ANTONIO, TEXAS 78217  
 TEL: (210) 598-4191  
 FAX: (210) 598-4191

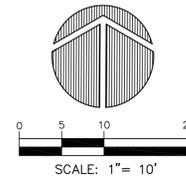
LOT 21, BLOCK 11, GREENVIEW PLACE SUBDIVISION

## GENERAL NOTES & INDEX

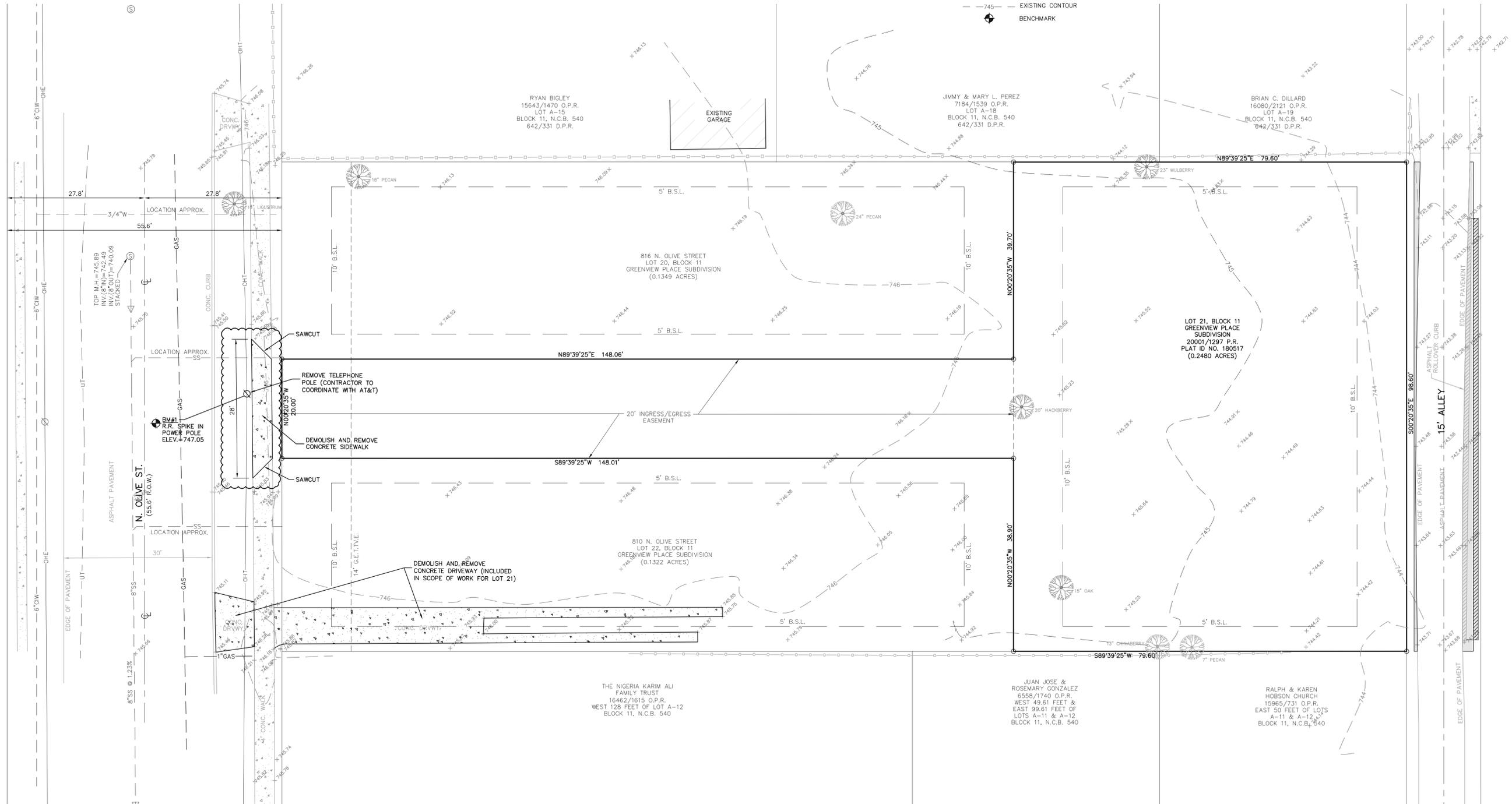
CITY OF SAN ANTONIO, COUNTY OF BEXAR, STATE OF TEXAS

DRAWN BY: D.S.D./M.J.W.  
 CHECKED BY: D.S.D.  
 DATE: 10-04-2019  
 PROJECT NO: 180044-00

SHEET  
**C1.0**



- LEGEND**
- 1/2" STEEL REBAR W/ CAP MARKED (DYE ENT SA TX)
  - P.R. PLAT RECORDS OF BEXAR COUNTY, TEXAS
  - D.P.R. DEED & PLAT RECORDS OF BEXAR COUNTY, TEXAS
  - O.P.R. OFFICIAL PUBLIC RECORDS OF BEXAR COUNTY, TEXAS
  - B.S.L. BUILDING SETBACK LINE
  - G.E.T.T.V.E. GAS, ELECTRIC, TELEPHONE, & CABLE T.V. EASEMENT
  - E.T.E. ELECTRIC & TELEPHONE EASEMENT
  - OHE— EXISTING OVERHEAD ELECTRIC
  - ⊗ EXISTING POWER POLE
  - OHT— EXISTING OVERHEAD TELEPHONE
  - UT— EXISTING UNDERGROUND TELEPHONE
  - ⊙ EXISTING SANITARY SEWER MANHOLE
  - SS— EXISTING SANITARY SEWER LINE
  - CIW— EXISTING CAST IRON WATER LINE
  - EXISTING CONCRETE CURB
  - EXISTING CONCRETE SURFACE
  - 745— EXISTING CONTOUR
  - ⊕ BENCHMARK



9-12-20

**DYE ENTERPRISES**  
ENGINEERS - SURVEYORS - PLANNERS

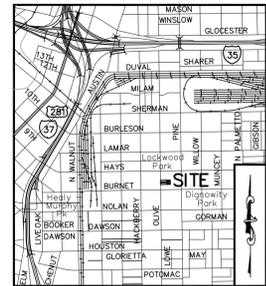
STATE REGISTRATION #00857500  
TDP #0000000000  
4047 STAHL ROAD, SUITE #3  
SAN ANTONIO, TEXAS 78217  
PHONE (210) 598-4191  
FAX (210) 598-4191

LOT 21, BLOCK 11, GREENVIEW PLACE SUBDIVISION  
814 N. OLIVE STREET  
**EXISTING CONDITIONS & DEMOLITION PLAN**  
CITY OF SAN ANTONIO, COUNTY OF BEXAR, STATE OF TEXAS

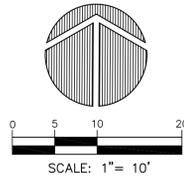
DRAWN BY: D.S.D./M.J.W.  
CHECKED BY: D.S.D.  
DATE: 10-04-2019  
PROJECT NO: 180044-00

SHEET  
**C2.0**

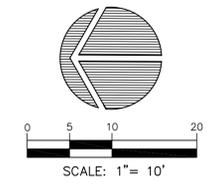




LOCATION MAP  
SCALE: 1"=2000"



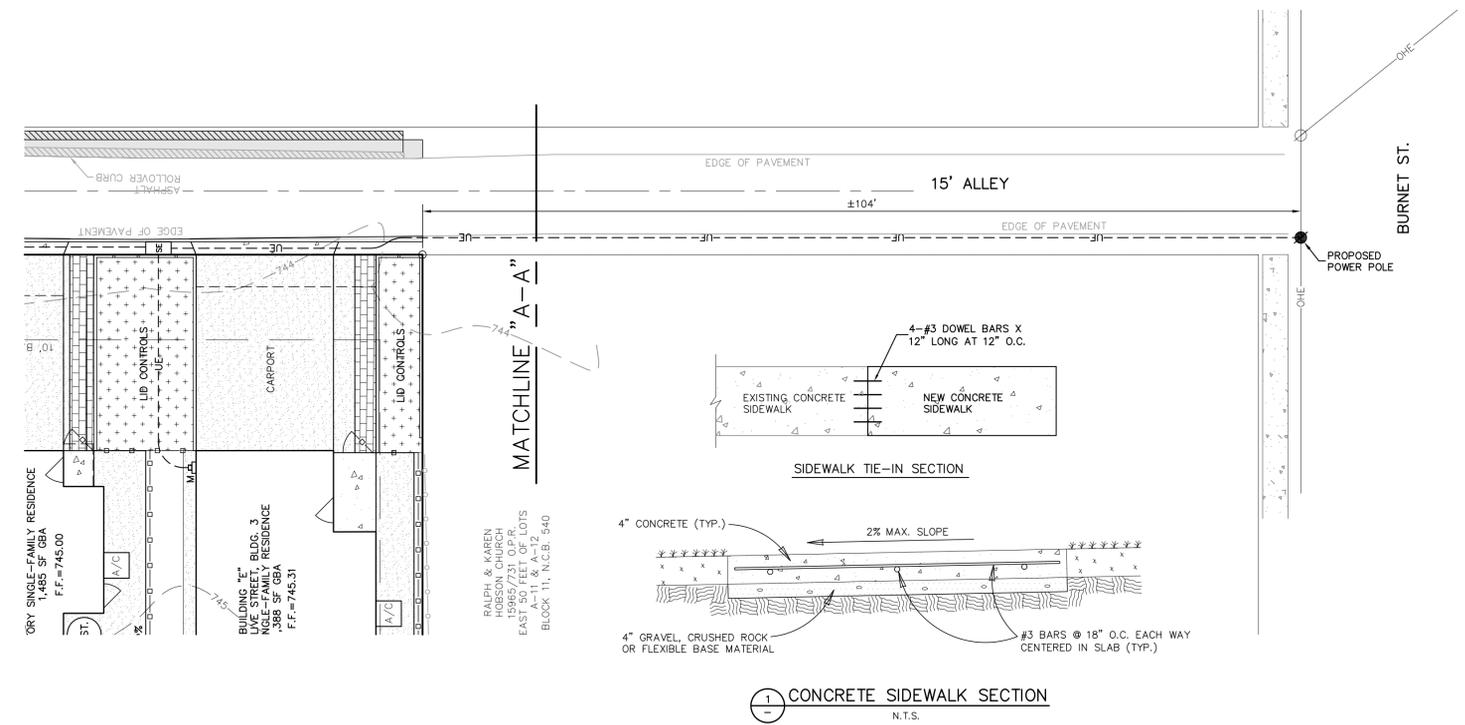
SCALE: 1"= 10'



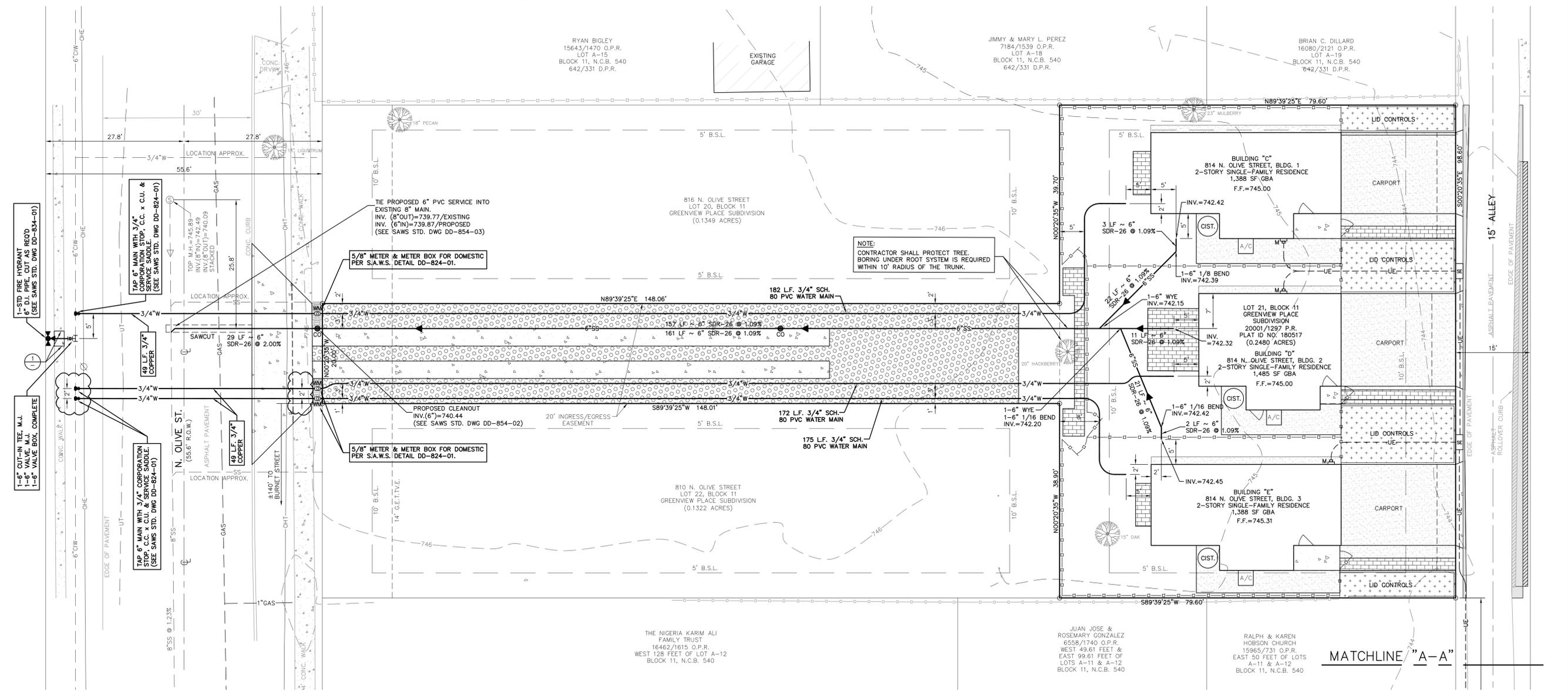
SCALE: 1"= 10'

- LEGEND**
- 1/2" STEEL REBAR W/ CAP MARKED (DYE ENT SA TX)
  - P.R. PLAT RECORDS OF BEXAR COUNTY, TEXAS
  - D.P.R. DEED & PLAT RECORDS OF BEXAR COUNTY, TEXAS
  - O.P.R. OFFICIAL PUBLIC RECORDS OF BEXAR COUNTY, TEXAS
  - B.S.L. BUILDING SETBACK LINE
  - G.E.T.T.V.E. GAS, ELECTRIC, TELEPHONE, & CABLE T.V. EASEMENT
  - E.E. ELECTRIC EASEMENT
  - E.T.E. ELECTRIC & TELEPHONE EASEMENT
  - OHE EXISTING OVERHEAD ELECTRIC
  - Ø EXISTING POWER POLE
  - OHT EXISTING OVERHEAD TELEPHONE
  - UT EXISTING UNDERGROUND TELEPHONE
  - Ø EXISTING SANITARY SEWER MANHOLE
  - SS EXISTING SANITARY SEWER LINE
  - CIW EXISTING CAST IRON WATER LINE
  - EXISTING CONCRETE CURB
  - EXISTING CONCRETE SURFACE
  - PROPOSED CONCRETE SURFACE
  - PROPOSED GRASSCRETE
  - PROPOSED GRAVEL WITH LANDSCAPE PAVERS
  - PROPOSED GRAVEL SURFACE
  - PROPOSED LID CONTROLS
  - PROPOSED CONCRETE CURB
  - CIST. CISTERN
  - ⊕ BENCHMARK
  - EXISTING CONTOUR
  - ⊕ PROPOSED FIRE HYDRANT
  - ⊕ PROPOSED WATER METER
  - ⊕ PROPOSED CLEANOUT
  - ⊕ PROPOSED POWER POLE
  - OHE PROPOSED OVERHEAD ELECTRIC
  - UE PROPOSED UNDERGROUND ELECTRIC
  - SE PROPOSED SECONDARY ENCLOSURE

**NOTE:**  
SEE ARCHITECTURAL DRAWINGS FOR FINAL LOCATION AND TYPE OF SURFACE MATERIALS.



CONCRETE SIDEWALK SECTION  
N.T.S.



**DYE ENTERPRISES**  
ENGINEERS - SURVEYORS - PLANNERS  
STATE OF TEXAS REGISTRATION #10011  
10011 REGISTRATION #10011  
4047 STAHL ROAD, SUITE #3  
SAN ANTONIO, TEXAS 78217  
FAX (210) 598-4191

LOT 21, BLOCK 11, GREENVIEW PLACE SUBDIVISION  
814 N. OLIVE STREET  
UTILITY LAYOUT

DRAWN BY: D.S.D./M.J.W.  
CHECKED BY: D.S.D.  
DATE: 10-04-2019  
PROJECT NO: 180044-00

SHEET  
C5.0

10-16-19

CITY OF SAN ANTONIO, COUNTY OF BEXAR, STATE OF TEXAS



**SAWS CONSTRUCTION NOTES  
COUNTER PERMIT AND GENERAL CONSTRUCTION PERMIT**

REVISED JULY 2017

**GENERAL SECTION**

- ALL MATERIALS AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF THIS CONTRACT SHALL BE APPROVED BY THE SAN ANTONIO WATER SYSTEM (SAWS) AND COMPLY WITH THE PLANS, SPECIFICATIONS, GENERAL CONDITIONS AND WITH THE FOLLOWING AS APPLICABLE:
    - CURRENT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) "DESIGN CRITERIA FOR DOMESTIC WASTEWATER SYSTEM"; TEXAS ADMINISTRATIVE CODE (TAC) TITLE 30 PART 1 CHAPTER 217 AND "PUBLIC DRINKING WATER"; TAC TITLE 30 PART 1 CHAPTER 290.
    - CURRENT TxDOT "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS AND DRAINAGE";
    - CURRENT "SAN ANTONIO WATER SYSTEM STANDARD SPECIFICATIONS FOR WATER AND SANITARY SEWER CONSTRUCTION";
    - CURRENT CITY OF SAN ANTONIO "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION";
    - CURRENT CITY OF SAN ANTONIO "UTILITY EXCAVATION CRITERIA MANUAL" (UECM).
  - THE CONTRACTOR SHALL NOT PROCEED WITH ANY PIPE INSTALLATION WORK UNTIL THEY OBTAIN A COPY OF THE APPROVED COUNTER PERMIT OR GENERAL CONSTRUCTION PERMIT (GCP) FROM THE CONSULTANT AND HAS BEEN NOTIFIED BY SAWS CONSTRUCTION INSPECTION DIVISION TO PROCEED WITH THE WORK AND HAS ARRANGED A MEETING WITH THE INSPECTOR AND CONSULTANT FOR THE WORK REQUIREMENTS. WORK COMPLETED BY THE CONTRACTOR WITHOUT AN APPROVED COUNTER PERMIT AND/OR A GCP WILL BE SUBJECT TO REMOVAL AND REPLACEMENT AT THE EXPENSE OF THE CONTRACTORS AND/OR THE DEVELOPER.
  - THE CONTRACTOR SHALL OBTAIN THE SAWS STANDARD DETAILS FROM THE SAWS WEBSITE, HTTP://WWW.SAWS.ORG/BUSINESS\_CENTER/SPECS, UNLESS OTHERWISE NOTED WITHIN THE DESIGN PLANS.
  - THE CONTRACTOR IS TO MAKE ARRANGEMENTS WITH THE SAWS CONSTRUCTION INSPECTION DIVISION AT (210) 233-2973 ON NOTIFICATION PROCEDURES THAT WILL BE USED TO NOTIFY AFFECTED HOME RESIDENTS AND/OR PROPERTY OWNERS 48 HOURS PRIOR TO BEGINNING ANY WORK.
  - LOCATION AND DEPTH OF EXISTING UTILITIES AND SERVICE LATERALS SHOWN ON THE PLANS ARE UNDERSTOOD TO BE APPROXIMATE. ACTUAL LOCATIONS AND DEPTHS MUST BE FIELD VERIFIED BY THE CONTRACTOR AT LEAST 1 WEEK PRIOR TO CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE UTILITY SERVICE LINES AS REQUIRED FOR CONSTRUCTION AND TO PROTECT THEM DURING CONSTRUCTION AT NO COST TO SAWS.
    - THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF UNDERGROUND UTILITIES AND DRAINAGE STRUCTURES AT LEAST 1-2 WEEKS PRIOR TO CONSTRUCTION WHETHER SHOWN ON PLANS OR NOT. PLEASE ALLOW UP TO 7 BUSINESS DAYS FOR LOCATES REQUESTING PIPE LOCATION MARKERS ON SAWS FACILITIES. THE FOLLOWING CONTACT INFORMATION ARE SUPPLIED FOR VERIFICATION PURPOSES:
      - SAWS UTILITY LOCATES: HTTP://WWW.SAWS.ORG/SERVICE/LOCATES
      - COSA DRAINAGE (210) 207-0724 OR (210) 207-6026
      - COSA TRAFFIC SIGNAL OPERATIONS (210) 206-8480
      - COSA TRAFFIC SIGNAL DAMAGES (210) 207-3951
      - TEXAS STATE WIDE ONE CALL LOCATOR 1-800-545-6005 OR 811
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING EXISTING FENCES, CURBS, STREETS, DRIVEWAYS, SIDEWALKS, LANDSCAPING AND STRUCTURES TO ITS ORIGINAL OR BETTER CONDITION IF DAMAGES ARE MADE AS A RESULT OF THE PROJECT'S CONSTRUCTION.
  - ALL WORK IN TEXAS DEPARTMENT OF TRANSPORTATION (TxDOT) AND/OR BEXAR COUNTY RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH RESPECTIVE CONSTRUCTION SPECIFICATIONS AND PERMIT REQUIREMENTS.
  - THE CONTRACTOR SHALL COMPLY WITH CITY OF SAN ANTONIO OR OTHER GOVERNING MUNICIPALITY'S TREE ORDINANCES WHEN EXCAVATING NEAR TREES.
  - THE CONTRACTOR SHALL NOT PLACE ANY WASTE MATERIALS IN THE 100-YEAR FLOOD PLAIN WITHOUT FIRST OBTAINING AN APPROVED FLOOD PLAIN PERMIT.
  - HOLIDAY WORK: CONTRACTORS WILL NOT BE ALLOWED TO PERFORM SAWS WORK ON SAWS RECOGNIZED HOLIDAYS. REQUEST SHOULD BE SENT TO CONSTWKRQ@SAWS.ORG.
  - WEEKEND WORK: CONTRACTORS ARE REQUIRED TO NOTIFY THE SAWS INSPECTION CONSTRUCTION DEPARTMENT 48 HOURS IN ADVANCE TO REQUEST WEEKEND WORK. REQUEST SHOULD BE SENT TO CONSTWKRQ@SAWS.ORG.
- ANY AND ALL SAWS UTILITY WORK INSTALLED WITHOUT HOLIDAY/WEEKEND APPROVAL WILL BE SUBJECT TO BE UNCOVERED FOR PROPER INSPECTION.
- COMPACTION NOTE (ITEM 804): THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING THE COMPACTION REQUIREMENTS ON ALL TRENCH BACKFILL AND FOR PAYING FOR THE TESTS PERFORMED BY A THIRD PARTY. COMPACTION TESTS WILL BE DONE AT ONE LOCATION POINT RANDOMLY SELECTED, OR AS INDICATED BY THE SAWS INSPECTOR AND/OR THE TEST ADMINISTRATOR, PER EACH 12-INCH LOOSE LIFT PER 400 LINEAR FEET AT A MINIMUM. THIS PROJECT WILL NOT BE ACCEPTED AND FINALIZED BY SAWS WITHOUT THIS REQUIREMENT BEING MET AND VERIFIED BY PROVIDING ALL NECESSARY DOCUMENTED TEST RESULTS.
  - A COPY OF ALL TESTING REPORTS SHALL BE FORWARDED TO SAWS CONSTRUCTION INSPECTION DIVISION.

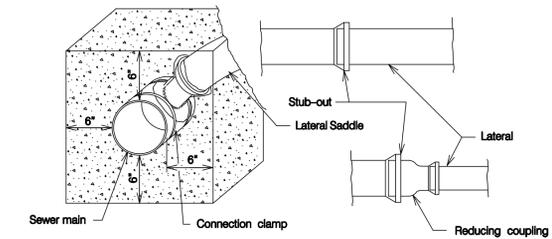
**WATER SECTION**

- PRIOR TO TIE-INS, ANY SHUTDOWNS OF EXISTING MAINS OF ANY SIZE MUST BE COORDINATED WITH THE SAWS CONSTRUCTION INSPECTION DIVISION AT LEAST ONE WEEK IN ADVANCE OF THE SHUTDOWN. THE CONTRACTOR MUST ALSO PROVIDE A SEQUENCE OF WORK AS RELATED TO THE TIE-INS; THIS IS AT NO ADDITIONAL COST TO SAWS OR THE PROJECT AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SEQUENCE THE WORK ACCORDINGLY.
  - FOR WATER MAINS 12" OR HIGHER: SAWS EMERGENCY OPERATIONS CENTER (210) 233-2014
- ASBESTOS CEMENT (AC) PIPE, ALSO KNOWN AS TRANSITE PIPE WHICH IS KNOWN TO CONTAIN ASBESTOS-CONTAINING MATERIAL (ACM), MAY BE LOCATED WITHIN THE PROJECT LIMITS. SPECIAL WASTE MANAGEMENT PROCEDURES AND HEALTH AND SAFETY REQUIREMENTS WILL BE APPLICABLE WHEN REMOVAL AND/OR DISTURBANCE OF THIS PIPE OCCURS. SUCH WORK IS TO BE MADE UNDER SPECIAL SPECIFICATION ITEM NO. 3000, "SPECIAL SPECIFICATION FOR HANDLING ASBESTOS CEMENT PIPE".
- VALVE REMOVAL: WHERE THE CONTRACTOR IS TO ABANDON A WATER MAIN, THE CONTROL VALVE LOCATED ON THE ABANDONING BRANCH WILL BE REMOVED AND REPLACED WITH A CAP/PLUG. (NSPI)
- SUITABLE ANCHORAGE/THRUST BLOCKING OR JOINT RESTRAINT SHALL BE PROVIDED AT ALL OF THE FOLLOWING MAIN LOCATIONS: DEAD ENDS, PLUGS, CAPS, TEES, CROSSES, VALVES, AND BENDS, IN ACCORDANCE WITH THE STANDARD DRAWINGS DD-839 SERIES AND ITEM NO. 839, IN THE SAWS STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- ALL VALVES SHALL READ "OPEN RIGHT".
- PRVS REQUIRED: CONTRACTOR TO VERIFY THAT NO PORTION OF THE TRACT IS BELOW GROUND ELEVATION OF 245 FEET WHERE THE STATIC PRESSURE WILL NORMALLY EXCEED 80 PSI AT ALL SUCH LOCATIONS WHERE THE GROUND LEVEL IS BELOW 245 FEET. THE DEVELOPER OR BUILDER SHALL INSTALL AT EACH LOT, ON THE CUSTOMER'S SIDE OF THE METER, AN APPROVED TYPE PRESSURE REGULATOR IN CONFORMANCE WITH THE PLUMBING CODE OF THE CITY OF SAN ANTONIO. NO DUAL SERVICES ALLOWED FOR ANY LOT(S). IF PRVS ARE REQUIRED FOR SUCH LOT(S), ONLY SINGLE SERVICE CONNECTIONS SHALL BE ALLOWED. \*NOTE: A PRESSURE REGULATOR IS ALSO KNOWN AS A PRESSURE REDUCING VALVE (PRV).
- PIPE DISINFECTION WITH DRY HTH FOR PROJECTS LESS THAN 800 LINEAR FEET. (ITEM NO. 847.3). MAINS SHALL BE DISINFECTED WITH DRY HTH WHERE SHOWN IN THE CONTRACT DOCUMENTS OR AS DIRECTED BY THE INSPECTOR, AND SHALL NOT EXCEED A TOTAL LENGTH OF 800 FEET. THIS METHOD OF DISINFECTION WILL ALSO BE FOLLOWED FOR MAIN REPAIRS. THE CONTRACTOR SHALL UTILIZE ALL APPROPRIATE SAFETY MEASURE TO PROTECT HIS PERSONNEL DURING DISINFECTION OPERATIONS.
- BACKFLOW PREVENTION DEVICES:
  - ALL IRRIGATION SERVICES WITHIN RESIDENTIAL AREAS ARE REQUIRED TO HAVE BACKFLOW PREVENTION DEVICES.
  - ALL COMMERCIAL BACKFLOW PREVENTION DEVICES MUST BE APPROVED BY SAWS PRIOR TO INSTALLATION.
- FINAL CONNECTION TO THE EXISTING WATER MAIN SHALL NOT BE MADE UNTIL THE WATER MAIN HAS BEEN PRESSURE TESTED, CHLORINATED, AND SAWS HAS RELEASED THE MAIN FOR TIE-IN AND USE.

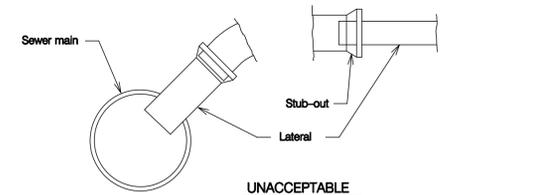
**SEWER SECTION**

- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT NO SANITARY SEWER OVERFLOW (SSO) OCCURS AS A RESULT OF THEIR WORK. ALL CONTRACTOR PERSONNEL RESPONSIBLE FOR SSO PREVENTION AND CONTROL SHALL BE TRAINED ON PROPER RESPONSE. SHOULD AN SSO OCCUR, THE CONTRACTOR SHALL:
    - IDENTIFY THE SOURCE OF THE SSO AND NOTIFY SAWS EMERGENCY OPERATIONS CENTER (EOC) IMMEDIATELY AT (210) 233-2014. PROVIDE THE ADDRESS OF THE SPILL AND AN ESTIMATED VOLUME OR FLOW.
    - ATTEMPT TO ELIMINATE THE SOURCE OF THE SSO.
    - CONTAIN SEWAGE FROM THE SSO TO THE EXTENT OF PREVENTING A POSSIBLE CONTAMINATION OF WATERWAYS.
    - CLEAN UP SPILL SITE (RETURN CONTAINED SEWAGE TO THE COLLECTION SYSTEM IF POSSIBLE) AND PROPERLY DISPOSE OF CONTAMINATED SOIL/MATERIALS.
    - CLEAN THE AFFECTED SEWER MAINS AND REMOVE ANY DEBRIS.
  - MEET ALL POST-SSO REQUIREMENTS AS PER THE EPA CONSENT DECREE, INCLUDING LINE CLEANING AND TELEVISIONING THE AFFECTED SEWER MAINS (AT SAWS DIRECTION) WITHIN 24 HOURS.
- SHOULD THE CONTRACTOR FAIL TO ADDRESS AN SSO IMMEDIATELY AND TO SAWS SATISFACTION, THEY WILL BE RESPONSIBLE FOR ALL COSTS INCURRED BY SAWS, INCLUDING ANY FINES FROM EPA, TCEQ AND/OR ANY OTHER FEDERAL, STATE OR LOCAL AGENCIES.
- NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE FOR THIS WORK. ALL WORK SHALL BE DONE ACCORDING TO GUIDELINES SET BY THE TCEQ AND SAWS.
- IF BYPASS PUMPING IS REQUIRED, THE CONTRACTOR SHALL PERFORM SUCH WORK IN ACCORDANCE WITH SAWS STANDARD SPECIFICATION FOR WATER AND SANITARY SEWER CONSTRUCTION, ITEM NO. 864, "BYPASS PUMPING".
  - PRIOR TO TIE-INS, ANY SHUTDOWNS OF EXISTING FORCE MAINS OF ANY SIZE MUST BE COORDINATED WITH THE SAWS CONSTRUCTION INSPECTION DIVISION AT (210) 233-2973 AT LEAST ONE WEEK IN ADVANCE OF THE SHUTDOWN. THE CONTRACTOR MUST ALSO PROVIDE A SEQUENCE OF WORK AS RELATED TO THE TIE-INS; THIS IS AT NO ADDITIONAL COST TO SAWS OR THE PROJECT AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SEQUENCE THE WORK ACCORDINGLY.
  - SEWER PIPE WHERE WATER LINE CROSSES SHALL BE 160 PSI AND MEET THE REQUIREMENTS OF ASTM D2241, TAC 217.53 AND TCEQ 290.44(E)(4)(B). CONTRACTOR SHALL CENTER A 20' JOINT OF 160 PSI PRESSURE RATED PVC AT THE PROPOSED WATER CROSSING.
  - ELEVATIONS POSTED FOR TOP OF MANHOLES ARE FOR REFERENCE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE ALLOWANCES AND ADJUSTMENTS FOR TOP OF MANHOLES TO MATCH THE FINISHED GRADE OF THE PROJECT'S IMPROVEMENTS. (NSPI)
  - SPILLS, OVERFLOWS, OR DISCHARGES OF WASTEWATER: ALL SPILLS, OVERFLOWS, OR DISCHARGES OF WASTEWATER, RECYCLED WATER, PETROLEUM PRODUCTS, OR CHEMICALS MUST BE REPORTED IMMEDIATELY TO THE SAWS INSPECTOR ASSIGNED TO THE COUNTER PERMIT OR GENERAL CONSTRUCTION PERMIT (GCP). THIS REQUIREMENT APPLIES TO EVERY SPILL, OVERFLOW, OR DISCHARGE REGARDLESS OF SIZE.
  - MANHOLE AND ALL PIPE TESTING (INCLUDING THE TV INSPECTION) MUST BE PERFORMED AND PASSED PRIOR TO FINAL FIELD ACCEPTANCE BY SAWS CONSTRUCTION INSPECTION DIVISION, AS PER THE SAWS SPECIFICATIONS FOR WATER AND SANITARY SEWER CONSTRUCTION.
  - ALL PVC PIPE OVER 14 FEET OF COVER SHALL BE EXTRA STRENGTH WITH MINIMUM PIPE STIFFNESS OF 115 PSI.

**LATERAL CONNECTION TO EXISTING  
SEWER MAINSTUB-OUT**



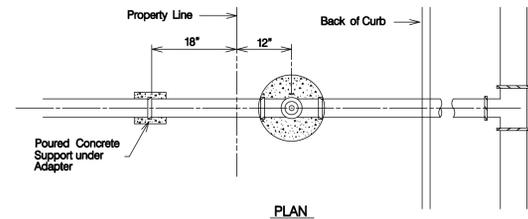
**ACCEPTABLE**



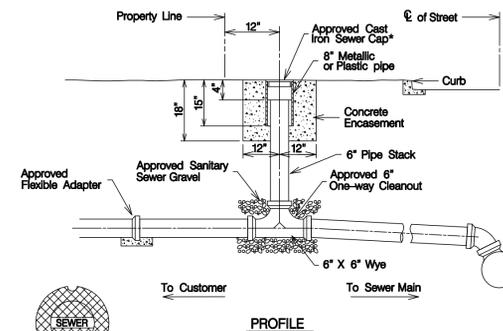
**UNACCEPTABLE**

**Note:**  
The saddle shall be permanently bonded to the existing main by the use of compounds or clamps as recommended by the manufacturer.

**LATERAL CONNECTION**  
DD-854-03 N.T.S.

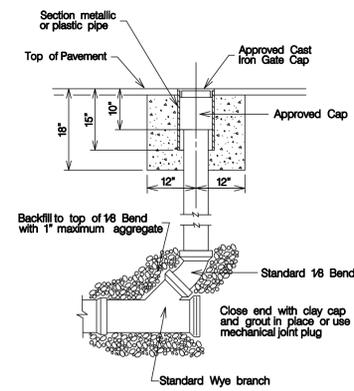


**PLAN**



**PROFILE**

**TYPICAL CLEANOUT DETAIL**  
DD-854-02 N.T.S.



**TYPICAL CLEANOUT DETAIL**  
DD-854-02 N.T.S.

NO.	DATE	COMMENTS
1	10/07/19	SAWS COMMENTS:

**DYE ENTERPRISES**  
ENGINEERS • SURVEYORS • PLANNERS

DYE ENTERPRISES, INC.  
18004400 Olive St. N.10. (Parkway) 18044-00 Olive St. N.10. (Parkway)  
TOP FLOOR REGISTRATION #00855500  
4047 STAHL ROAD, SUITE #3  
SAN ANTONIO, TEXAS 78217  
TEL: (210) 598-4191  
FAX: (210) 598-4191

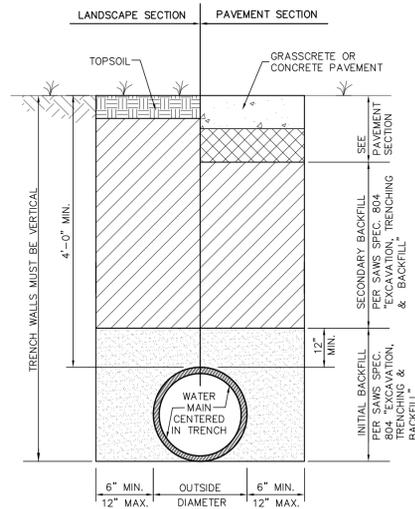
LOT 21, BLOCK 11, GREENVIEW PLACE SUBDIVISION  
814 N. OLIVE STREET  
**UTILITY NOTES & DETAILS**  
CITY OF SAN ANTONIO, COUNTY OF BEXAR, STATE OF TEXAS

DRAWN BY: D.S.D./M.J.W.  
CHECKED BY: D.S.D.  
DATE: 10-04-2019  
PROJECT NO: 180044-00

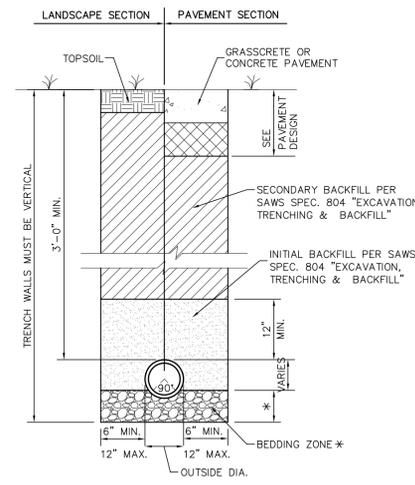
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**UTILITY TRENCH NOTE:**

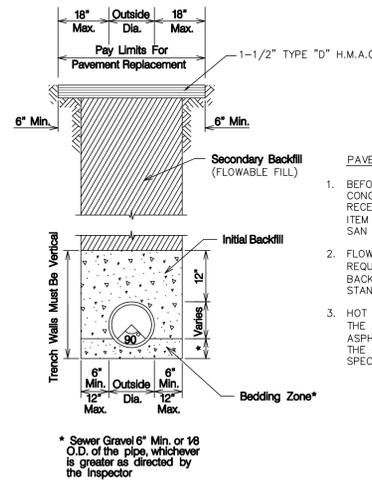
ALL SECONDARY BACKFILL MATERIAL SHALL BE MOISTURE CONDITIONED TO WITHIN THREE (3) PERCENTAGE POINTS OF THE OPTIMUM MOISTURE CONTENT AND COMPACTED TO AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED IN ACCORDANCE WITH ASTM D-698. IT IS RECOMMENDED THAT THE SECONDARY BACKFILL MATERIAL BE PLACED IN SIX (6) INCH LIFTS. SECONDARY BACKFILL SHALL CONFORM TO THE UTILITY TRENCH RECOMMENDATIONS PRESENTED IN THE GEOTECHNICAL ENGINEERING STUDY BY BURGE ENGINEERING & ASSOCIATES, INC. (BEA PROJECT NO. 12-18-0161), DATED AUGUST 20, 2018.



**SAWS WATER PIPE TRENCH DETAIL**  
N.T.S.



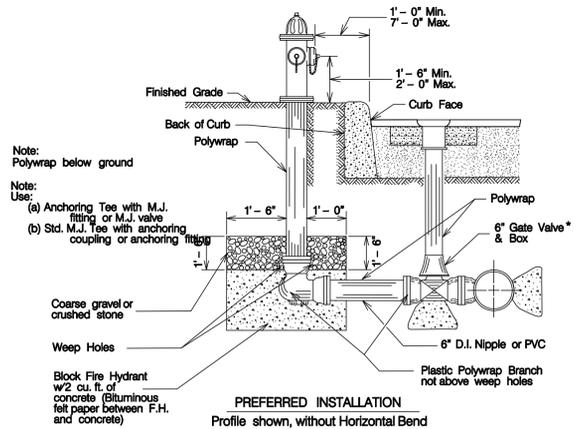
**SAWS SANITARY SEWER PIPE TRENCH DETAIL**  
N.T.S.



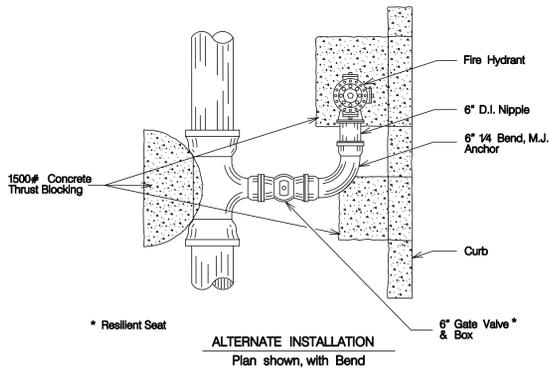
**SAWS SANITARY SEWER PIPE TRENCH DETAIL (STREET REPAIR)**  
N.T.S.

**PAVEMENT REPAIR NOTES:**

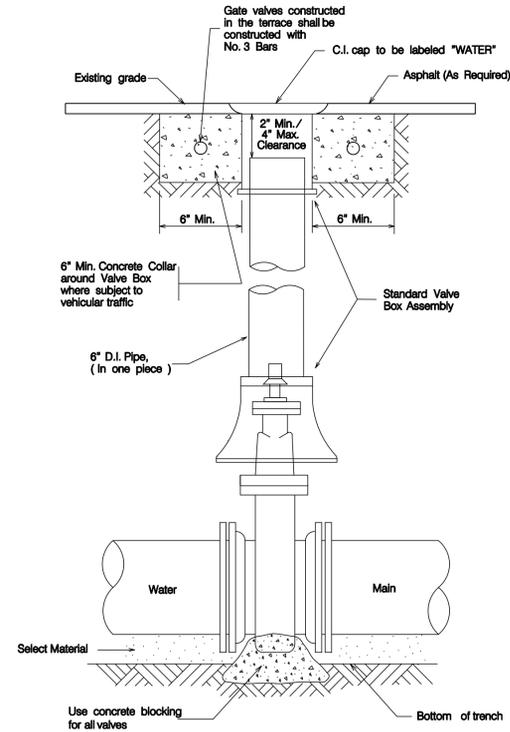
- BEFORE PLACEMENT OF HOT MIX ASPHALTIC CONCRETE, ALL EXPOSED SURFACES SHALL RECEIVE A TACK COAT IN ACCORDANCE WITH ITEM NO. 203, "TACK COAT" OF THE CITY OF SAN ANTONIO STANDARD SPECIFICATIONS.
- FLOWABLE FILL SHALL MEET THE REQUIREMENTS OF ITEM 413, "FLOWABLE BACKFILL", OF THE CITY OF SAN ANTONIO STANDARD SPECIFICATIONS.
- HOT MIX ASPHALTIC CONCRETE SHALL MEET THE REQUIREMENTS OF ITEM 205, "HOT MIX ASPHALT CONCRETE PAVEMENT", TYPE "D" OF THE CITY OF SAN ANTONIO STANDARD SPECIFICATIONS.



**PREFERRED INSTALLATION**  
Profile shown, without Horizontal Bend

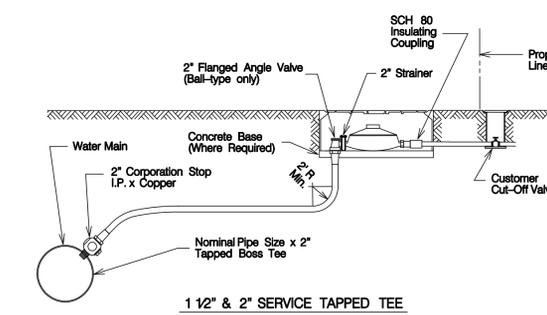


**FIRE HYDRANT INSTALLATION**  
N.T.S.



**INSTALLATION OF NON-GEARED GATE VALVE WITH VALVE BOX AND EXTENSION**  
N.T.S.

PIPE DIAMETER	SERVICE SIZE			
	3/4"	1"	1 1/2"	2"
6" A.C.	Tap With Service Saddle			
6" C.I. or D.I.	Tap	Tap	Tap With Service Saddle	Tap With Service Saddle
8" A.C.	Tap With Service Saddle			
8" C.I. or D.I.	Tap	Tap	Tap With Service Saddle	Tap With Service Saddle
8" PVC	Tap With Service Saddle			
10" A.C.	Tap With Service Saddle			
10" C.I. or D.I.	Tap	Tap	Tap With Service Saddle	Tap With Service Saddle
10" PVC	Tap With Service Saddle			
12" A.C.	Tap With Service Saddle			
12" C.I. or D.I.	Tap	Tap	Tap With Service Saddle	Tap With Service Saddle
12" PVC	Tap With Service Saddle			
16" A.C.	Tap With Service Saddle			
16" C.I. or D.I.	Tap	Tap	Tap With Service Saddle	Tap With Service Saddle



**1 1/2" & 2" SERVICE TAPPED TEE**

**COPPER SERVICE INSTALLATION TAPPING SCHEDULE**  
N.T.S.

LOT 21, BLOCK 11, GREENVIEW PLACE SUBDIVISION  
814 N. OLIVE STREET  
**UTILITY DETAILS**

CITY OF SAN ANTONIO, COUNTY OF BEXAR, STATE OF TEXAS

NO.	DATE	COMMENTS

12-4-19

**DYE ENTERPRISES**  
 ENGINEERS - SURVEYORS - PLANNERS  
 TEXAS REGISTRATION #18087500  
 TEXAS PROFESSIONAL SURVEYORS REGISTRATION #3685760  
 4047 STAHL ROAD, SUITE #3  
 SAN ANTONIO, TEXAS 78217  
 TEL: (210) 698-4191  
 FAX: (210) 698-4191  
 WWW.DYEENTERPRISES.COM

DRAWN BY: D.S.D./M.J.W.  
 CHECKED BY: J.D.S.D.  
 DATE: 10-04-2019  
 PROJECT NO: 180044-00

**SHEET**  
C7.1

**GENERAL NOTES**

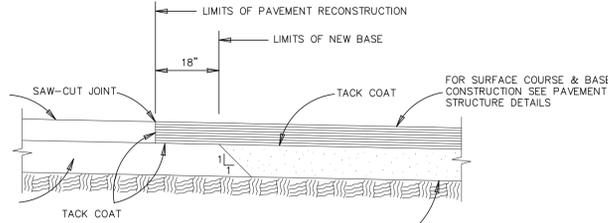
- ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF SAN ANTONIO STANDARD SPECIFICATIONS FOR CONSTRUCTION JUNE 2008, OR LATEST.
- NO EXTRA PAYMENT SHALL BE ALLOWED FOR WORK CALLED FOR ON THE PLANS, BUT NOT INCLUDED IN THE BID PROPOSAL. THIS INCIDENTAL WORK WILL BE REQUIRED AND SHALL BE INCLUDED IN THE PAY ITEM TO WHICH IT RELATES.
- THE CONTRACTOR SHALL PROVIDE ACCESS FOR THE DELIVERY OF MAIL BY THE U.S. POSTAL SERVICE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING TO ITS ORIGINAL OR BETTER CONDITION ANY DAMAGE DONE TO EXISTING FENCES, CONCRETE ISLANDS, STREET PAVING, CURBS, SHRUBS, BUSHES OR DRIVEWAYS. (NO SEPARATE PAY ITEM).
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO SEE THAT ALL SIGNS AND BARRICADES ARE PROPERLY INSTALLED AND MAINTAINED. ALL LOCATIONS AND DISTANCES WILL BE DECIDED UPON IN THE FIELD BY THE CONTRACTOR, USING THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. THE CITY'S CONSTRUCTION INSPECTOR AND TRAFFIC ENGINEERING REPRESENTATIVE WILL ONLY BE RESPONSIBLE TO INSPECT BARRICADES AND SIGNS. IF, IN THE OPINION OF THE TRAFFIC ENGINEERING REPRESENTATIVE AND THE CONSTRUCTION INSPECTOR, THE BARRICADES AND SIGNS DO NOT CONFORM TO ESTABLISHED STANDARDS OR ARE INCORRECTLY PLACED OR ARE INSUFFICIENT IN QUANTITY TO PROTECT THE GENERAL PUBLIC, THE CONSTRUCTION INSPECTOR SHALL HAVE THE OPTION TO STOP OPERATIONS UNTIL SUCH TIME AS THE CONDITIONS ARE CORRECTED.
- IF THE NEED ARISES, ADDITIONAL BARRICADES AND DIRECTIONAL DEVICES MAY BE ORDERED BY THE TRAFFIC ENGINEERING REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
- DUE TO FEDERAL REGULATIONS TITLE 49 PART 192.171 C.P.S. MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN THE PROJECT AREA.
- CONTRACTOR SHALL NOTIFY THE CITY INSPECTOR TWENTY FOUR (24) HOURS PRIOR TO BACKFILL OF ANY UTILITY TRENCHES TO SCHEDULE FOR DENSITY TEST AS REQUIRED.
- CONTRACTOR SHALL PRESERVE ALL CONSTRUCTION STAKES, MARKS, ETC. IF ANY ARE DESTROYED OR REMOVED BY THE CONTRACTOR OR HIS EMPLOYEES, THEY SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF EXISTING UTILITIES. CONTRACTOR SHALL NOTIFY THE FOLLOWING AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO EXCAVATION OPERATION:
  - SAN ANTONIO WATER SYSTEM (SAWS) 233-2010
  - BEXAR METROPOLITAN WATER DISTRICT (BEXAR MET) 354-6938 / 357-5741
  - COSEA DRAINAGE 207-8048
  - COSEA SIGNAL OPERATIONS 207-7720 / 207-7785
  - TEXAS STATE WIRE ONE CALL LOCATOR 1-800-344-8377
- THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES INDICATED ON THE PLANS ARE TAKEN FROM AVAILABLE RECORDS AND ARE NOT GUARANTEED, BUT SHALL BE INVESTIGATED AND VERIFIED BY THE CONTRACTOR BEFORE STARTING WORK. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY DAMAGE TO AND FOR THE MAINTENANCE AND PROTECTION OF THE EXISTING UTILITIES EVEN IF THEY ARE NOT SHOWN ON THE PLANS. LOCATION AND DEPTH OF EXISTING UTILITIES SHOWN HERE ARE APPROXIMATE ONLY. ACTUAL LOCATIONS AND DEPTHS MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION AND HE SHALL BE RESPONSIBLE FOR PROTECTION OF SAME DURING CONSTRUCTION.
- ALL WASTE MATERIAL SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE HIS SOLE RESPONSIBILITY TO DISPOSE OF THIS MATERIAL OFF THE LIMITS OF THE PROJECT. NO WASTE MATERIAL SHALL BE PLACED IN EXISTING LOTS THAT WILL BLOCK OR ALTER FLOOD LIMITS OF EXISTING ARTIFICIAL OR NATURAL DRAINAGE.
- THE CONTRACTOR SHALL NOT PLACE ANY WASTE MATERIAL IN THE 100-YEAR FLOOD PLAIN WITHOUT FIRST OBTAINING AN APPROVED FLOOD PLAIN DEVELOPMENT PERMIT.
- THE CONTRACTOR SHALL MAINTAIN ALL ADJOINING STREETS AND TRAVELED ROUTES FREE FROM SPILLED AND / OR TRACKED CONSTRUCTION MATERIALS AND / OR DEBRIS.
- IF THE CONTRACTOR ENCOUNTERS ANY ARCHAEOLOGICAL DEPOSITS DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR MUST STOP EXCAVATION IMMEDIATELY, CONTACT THE CITY INSPECTOR, AND CALL THE CITY HISTORIC PRESERVATION OFFICE AT 207-7306 OR 207-3327 FOR AN ARCHAEOLOGICAL INVESTIGATION. THE CONTRACTOR CANNOT BEGIN EXCAVATION AGAIN WITHOUT WRITTEN PERMISSION FROM THE CITY. IF MORE THAN THREE (3) DAYS ARE REQUIRED FOR INVESTIGATION (NOT INCLUDING HOLIDAY AND WEEKENDS) AND IF THE CONTRACTOR IS UNABLE TO WORK IN OTHER AREAS, THEN THE CONTRACTOR WILL BE ALLOWED TO NEGOTIATE FOR ADDITIONAL CONSTRUCTION TIME UPON WRITTEN REQUEST WITHIN TEN (10) DAYS AFTER THE FIRST NOTICE TO THE CITY OF ARCHAEOLOGICAL INVESTIGATION FOR EACH EVENT. IF THE TIME REQUIRED FOR INVESTIGATION IS LESS THAN OR EQUAL TO THREE (3) DAYS FOR EACH EVENT, CONTRACT DURATION WILL NOT BE EXTENDED.
- IF SUSPECTED CONTAMINATION IS ENCOUNTERED DURING CONSTRUCTION OPERATIONS, C.O.S.A. SHALL BE NOTIFIED IMMEDIATELY WHEN CONTAMINATED SOILS AND / OR GROUNDWATER ARE ENCOUNTERED AT LOCATIONS NOT IDENTIFIED IN THE PLANS. THE NOTIFICATION SHOULD INCLUDE THE STATION NUMBER, TYPE OF CONTAMINATED MEDIA, EVIDENCE OF CONTAMINATION AND MEASURES TAKEN TO CONTAIN THE CONTAMINATED MEDIA AND PREVENT PUBLIC ACCESS. THE CONTAMINATED SOIL AND / OR GROUNDWATER SHALL NOT BE REMOVED FROM THE LOCATION WITHOUT PRO C.O.S.A. APPROVAL. THE CONTRACTOR MUST STOP THE EXCAVATION IMMEDIATELY AND CONTACT THE C.O.S.A. INSPECTOR. THE CONTRACTOR CANNOT BEGIN EXCAVATION ACTIVITIES WITHOUT WRITTEN PERMISSION FROM THE CITY.
- CONTRACTOR IS TO INCLUDE A MAILBOX POST BLOCKOUT FOR VACANT LOTS AND ALL RESIDENCES WHICH DO NOT HAVE MAILBOXES AT THE CURB. BLOCKOUTS ARE PROVIDED FOR FUTURE USE BY THE POST OFFICE.
- CONTRACTOR SHALL NOT REMOVE OR ADJUST ANY VIA FACILITIES UNLESS THE CONTRACTOR MUST CONTACT VIA FOURTEEN DAYS PRIOR, FOR THE REMOVAL OF BENCHES, STOP POLES OR ANY OTHER VIA FACILITIES THAT MAY BE PRESENT. PLEASE PROVIDE THIRTY DAYS PRIOR NOTICE FOR SHELTER REMOVAL (TELEPHONE NOS: (210) 362-2155 OR (210) 362-2096). THE CONTRACTOR WILL BE LIABLE FOR ANY DAMAGES TO VIA FACILITIES NOT REMOVED BY VIA. THE CONTRACTOR IS REQUIRED TO REPLACE ALL FLATWORK REMOVED OR DAMAGED IN THE COURSE OF EXECUTING THE CONTRACT UNLESS OTHERWISE NOTED BY VIA. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING VIA FACILITIES AT ADJACENT TO WORK AREA.

**TREE PROTECTION AND PRESERVATION GENERAL NOTES**

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

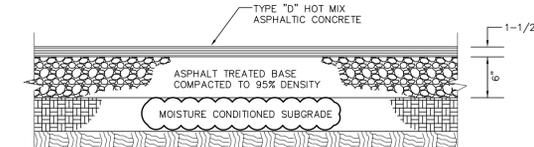
**ACCESSIBILITY REQUIREMENTS**

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



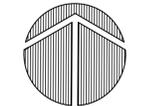
**PAVEMENT JUNCTION DETAILS**

NOTE: ALL PAVEMENT MATERIALS AND CONSTRUCTION PROCEDURES SHALL COMPLY WITH THE CURRENT CITY OF SAN ANTONIO "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION".



**TYPE "D" HOT MIX ASPHALTIC CONCRETE**

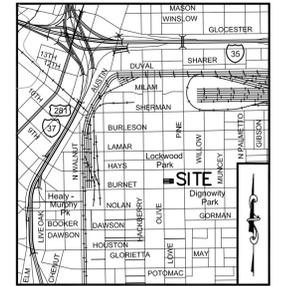
N.T.S.



SCALE: 1" = 10'

**LEGEND**

●	1/2" STEEL REBAR W/ CAP MARKED (DYE ENT SA TX)	□	PROPOSED CONCRETE SURFACE
P.R.	PLAT RECORDS OF BEXAR COUNTY, TEXAS	○	PROPOSED GRASSCRETE
D.P.R.	DEED & PLAT RECORDS OF BEXAR COUNTY, TEXAS	▨	PROPOSED GRAVEL WITH LANDSCAPE PAVERS
O.P.R.	OFFICIAL PUBLIC RECORDS OF BEXAR COUNTY, TEXAS	▩	PROPOSED GRAVEL SURFACE
B.S.L.	BUILDING SETBACK LINE	▧	PROPOSED LID CONTROLS
G.E.T.I.V.E.	GAS, ELECTRIC, TELEPHONE, & CABLE T.V. EASEMENT	▦	PROPOSED CONCRETE CURB
E.T.E.	ELECTRIC & TELEPHONE EASEMENT	○	CIST.
—OHE—	EXISTING OVERHEAD ELECTRIC		
—X—	EXISTING POWER POLE		
—OHT—	EXISTING OVERHEAD TELEPHONE		
—UT—	EXISTING UNDERGROUND TELEPHONE		
—SS—	EXISTING SANITARY SEWER LINE		
—CIW—	EXISTING CAST IRON WATER LINE		
—	EXISTING CONCRETE CURB		
—	EXISTING CONCRETE SURFACE		
—	BENCHMARK		
—745—	EXISTING CONTOUR		
X743.15	EXISTING SPOT ELEVATION		



LOCATION MAP SCALE: 1" = 2000'

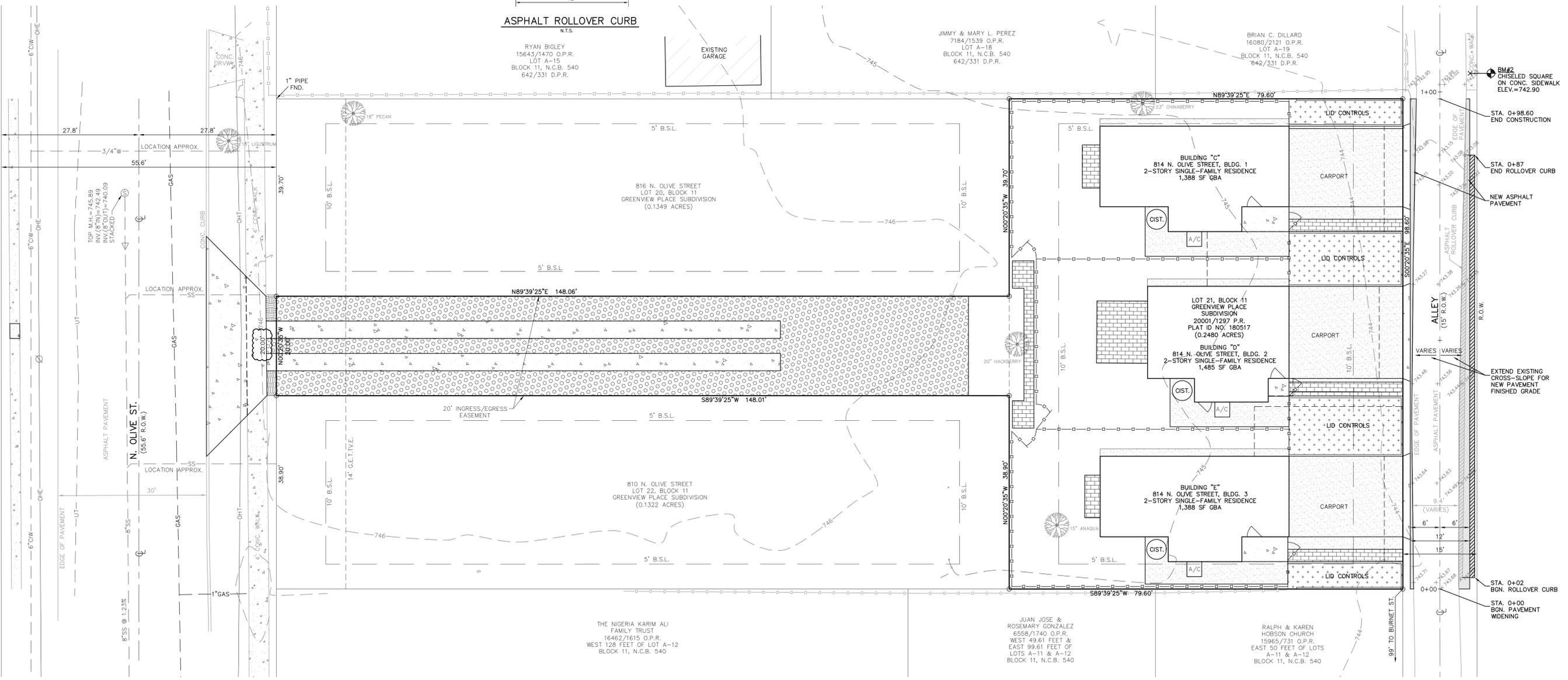


**DYE ENTERPRISES**  
ENGINEERS - SURVEYORS - PLANNERS  
180044-00 REGISTRATION #00857500  
10810 RINGBROOK DRIVE, SUITE 100  
SAN ANTONIO, TEXAS 78217  
PHONE (210) 598-4191 FAX (210) 598-4191

LOT 21, BLOCK 11, GREENVIEW PLACE SUBDIVISION  
814 N. OLIVE STREET  
ALLEY PAVEMENT WIDENING

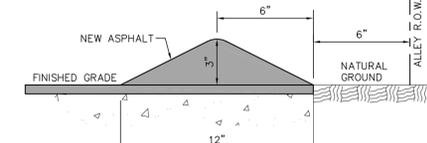
DRAWN BY: D.S.D./M.J.W.  
CHECKED BY: D.S.D./D.S.D.  
DATE: 02-19-2020  
PROJECT NO: 180044-00

SHEET  
C7.2



**ASPHALT ROLLOVER CURB**

N.T.S.



THE NIGERIA KARIM ALI FAMILY TRUST  
16462/1615 O.P.R.  
WEST 128 FEET OF LOT A-12  
BLOCK 11, N.C.B. 540

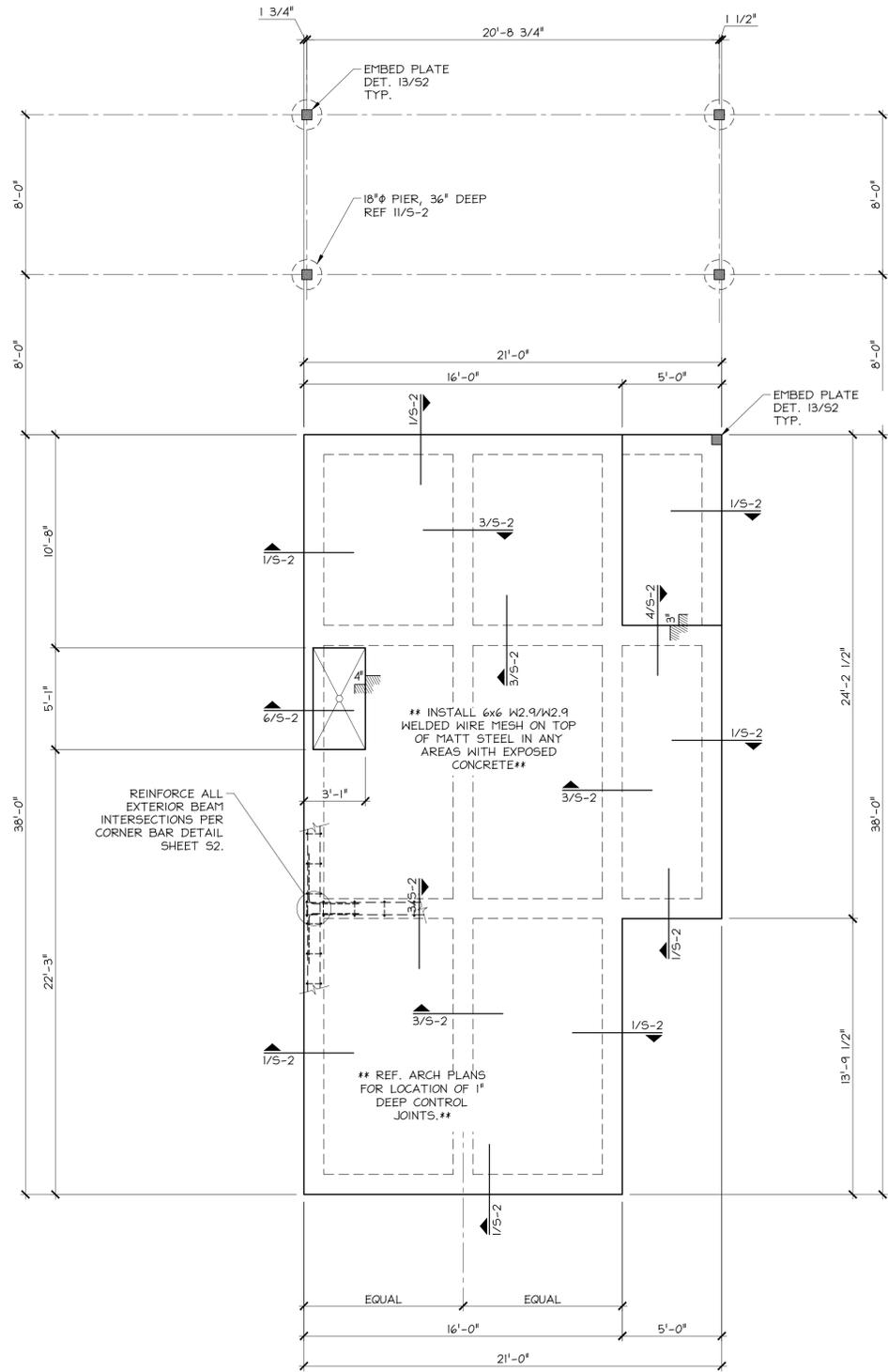
JUAN JOSE & ROSEMARY GONZALEZ  
6558/1740 O.P.R.  
WEST 49.61 FEET & EAST 99.61 FEET OF LOTS A-11 & A-12  
BLOCK 11, N.C.B. 540

RALPH & KAREN HOBSON CHURCH  
15965/731 O.P.R.  
EAST 50 FEET OF LOTS A-11 & A-12  
BLOCK 11, N.C.B. 540

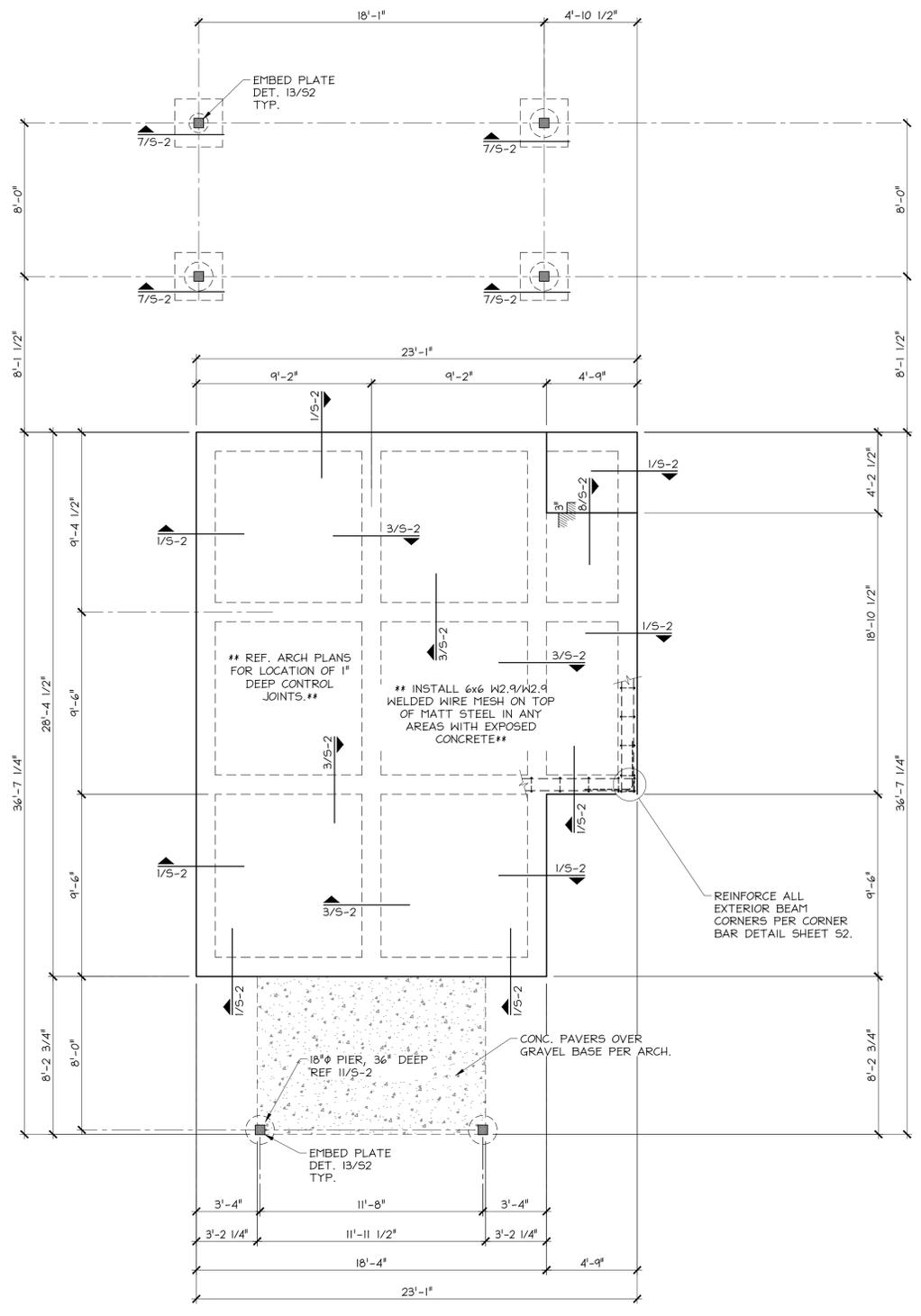


**Spaulding Structural Engineering**  
 12227 Huebner, Ste. 106 San Antonio, Tx  
 Phone 210-451-7756 REG. # F-10775

**NOTE:** BUILDER SHALL COORDINATE/VERIFY ALL DIMENSIONS, DROPS, AND FLOORING ALLOWANCES WITH ARCHITECT, AS PER FOUNDATION NOTE A.2. SHEET 52.



**BLDG C & E**  
**FOUNDATION PLAN**  
 1/4" = 1'-0"



**BLDG D**  
**FOUNDATION PLAN**  
 1/4" = 1'-0"

814 N. OLIVE STREET  
 SAN ANTONIO, TEXAS  
 FOUNDATION PLAN

DRAWN BY: MS  
 DATE: 11/01/2018  
 SCALE: 1/4" = 1'

**S1**

**FOUNDATION NOTES**

A. GENERAL  
1. THIS FOUNDATION HAS BEEN DESIGNED AS A CONVENTIONALLY REINFORCED SLAB-ON-GRADE FOUNDATION. GEOTECHNICAL INFORMATION PROVIDED BY:

BURGE ENGINEERING & ASSOCIATES  
REPORT NO. 12-18-0161  
DATED: 8/20/2018

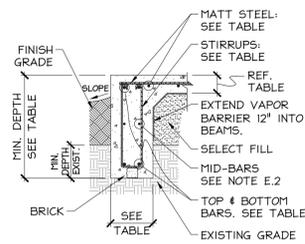
2. IT IS THE RESPONSIBILITY OF THE BUILDER AND CONCRETE CONTRACTOR TO VERIFY ALL DIMENSIONS, DROPS, BLOCK OUT LOCATIONS, ETC. WITH THE ARCHITECTURAL PLANS.  
3. A PRE-POUR INSPECTION MUST BE PERFORMED ON THE FOUNDATION A MAXIMUM OF THREE DAYS BEFORE PLACEMENT OF CONCRETE. PERMISSION MUST BE GIVEN BY THE ENGINEER OR HIS REPRESENTATIVE PRIOR TO PLACEMENT OF CONCRETE.

B. CONCRETE  
1. CONCRETE SHALL BE MINIMUM 3000 PSI AT 28 DAYS.  
2. CONCRETE SLUMP: 5"

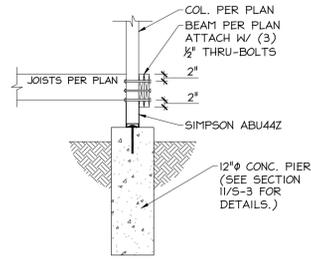
C. SITE AND SUBGRADE PREPARATION  
1. **WITHIN THE FOUNDATION FOOTPRINT, PLUS 3 FEET BEYOND THE FOOTPRINT, REMOVE THE EXISTING SOILS TO A MINIMUM DEPTH OF 2 FEET.** DUE TO THE POSSIBLE VARIABILITY OF THE DEPTH OF THE STRATUM 1 CLAY THE EXCAVATION DEPTH MAY BE DEEPER. A BURGE ENGINEERING REPRESENTATIVE MUST BE CONTACTED TO APPROVE OF EXCAVATION DEPTH.  
2. FOLLOWING EXCAVATION, THE EXPOSED SUBGRADE SOILS SHOULD BE SCARIFIED TO A DEPTH OF SIX (6) INCHES, MOISTURE CONDITIONS BETWEEN -1 AND +4 POINTS ABOVE OPTIMUM MOISTURE CONTENT AND COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED IN ACCORDANCE WITH ASTM D698.  
3. FOLLOWING APPROVAL OF THE SUBGRADE, THE SELECT FILL SHOULD BE PLACED UP TO THE FINAL BUILDING PAD ELEVATION. THE SELECT FILL SHOULD BE PLACED IN EIGHT (8) INCH MAXIMUM THICK LOOSE LIFTS. EACH LIFT OF SELECT FILL SHOULD BE MOISTURE CONDITIONED TO WITHIN PLUS OR MINUS THREE (±3) PERCENTAGE POINTS OF THE OPTIMUM MOISTURE CONTENT, AND COMPACTED TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED IN ACCORDANCE WITH ASTM D698, STANDARD PROCTOR METHOD. A MINIMUM OF THREE (3) NUCLEAR DENSITY TESTS SHOULD BE PERFORMED ON EACH LIFT.  
4. THE SELECT FILL SHOULD BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO IMPORTING TO THE SITE. THE SELECT FILL SHOULD HAVE A PLASTICITY INDEX RANGING BETWEEN 5 AND 17 WITH A MAXIMUM PARTICLE SIZE OF 3 INCHES. THE SELECT FILL SHOULD BE INORGANIC MATERIAL FREE OF DEBRIS.  
5. INSTALL A 10 MIL PLASTIC VAPOR BARRIER OVER GRADED PADS. TAPE ALL TEARS AND PENETRATIONS. THE PLASTIC SHOULD EXTEND A MINIMUM OF 12-INCHES INTO GRADE BEAMS.

D. REINFORCEMENT  
1. REINFORCEMENT: ASTM A-615, GRADE 60, UNLESS NOTED OTHERWISE.  
2. STIRRUPS AND TIES: ASTM A-615, GRADE 40, UNLESS NOTED OTHERWISE.  
3. ALL REINFORCEMENTS SHALL BE DESIGNED AND DETAILED IN ACCORDANCE WITH THE ACI "MANUAL OF STANDARD PRACTICES FOR DETAILING CONCRETE STRUCTURES" (ACI 318, LATEST ADDITION).  
4. ALL LAPS AND SPLICES SHALL BE A MINIMUM OF 40 BAR DIAMETERS.  
5. CONCRETE IN CONTACT WITH SOIL SHALL HAVE A MINIMUM REINFORCEMENT COVER OF 3-INCHES. CONCRETE EXPOSED TO AIR SHALL HAVE A MINIMUM COVER OF 1 1/2-INCHES.  
6. SLAB BARS SHALL BE PLACED MID-PLANE.  
7. CORNER BARS - ONE BAR TOP AND BOTTOM AT EXTERIOR CORNERS. TWO BOTTOM BARS WHERE INTERIOR BEAMS MEET EXTERIOR BEAMS. (REFER TO DETAILS)  
8. **IMPORTANT**- REINFORCEMENT **MUST** HAVE PROPER COVER. FOUNDATION WILL NOT BE APPROVED UNTIL PROPER COVER IS OBTAINED.

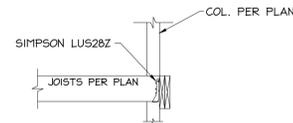
E. CONCRETE GRADE BEAMS  
1. BEAM DEPTHS ARE MINIMUM GIVEN IN CHART. IF SOLID ROCK PREVENTS EXCAVATION TO SPECIFIED BEAM DEPTH WITHOUT THE USE HEAVY EQUIPMENT SUCH AS A JACK HAMMER OR HOE RAM, MINIMUM DEPTH MAY BE REDUCED TO 16-INCHES.  
2. WHEN BEAM DEPTHS EXCEED 36-INCHES, ADD TWO-#3 HORIZONTAL REBAR AT 18-INCHES ON CENTER. IF BEAM DEPTH EXCEEDS 5-FEET, REF. DEEP BEAM DETAIL.  
3. PAY PARTICULAR ATTENTION TO SPECIFIED PENETRATION OF EXCAVATION INTO **EXISTING** SOIL. PENETRATION DEPTH MEASURED FROM THE BOTTOM OF GRADE BEAM TO SURFACE OF EXISTING SOIL, NOT FINISHED GRADE.  
4. CLEAN ALL TRASH AND LOOSE FILL OUT OF BEAMS PRIOR TO REQUESTING PRE-POUR INSPECTION.



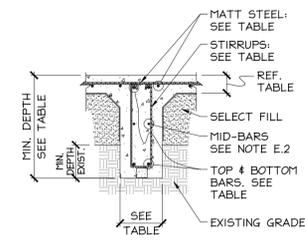
1 SECTION N.T.S.  
EXTERIOR BEAM



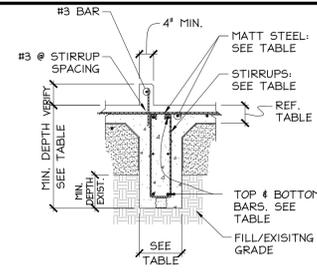
2 SECTION N.T.S.  
PIER & BEAM DETAIL



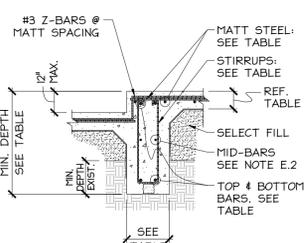
2A SECTION N.T.S.  
DETAIL



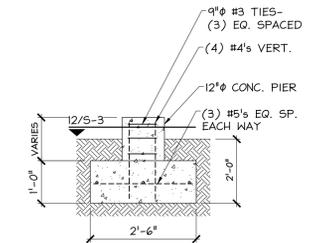
3 SECTION N.T.S.  
INTERIOR BEAM



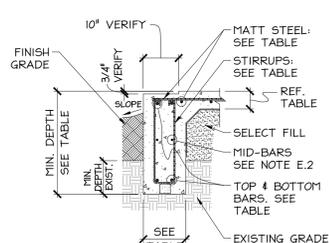
3A SECTION N.T.S.  
INTERIOR BEAM W/ CURB



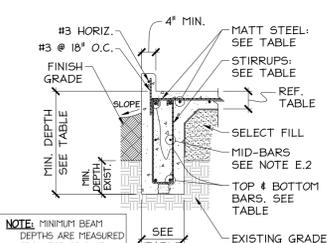
4 SECTION N.T.S.  
INTERIOR BEAM W/ DROP



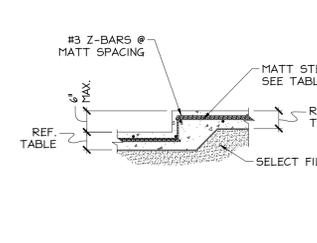
7 SECTION N.T.S.  
FOOTING DETAIL



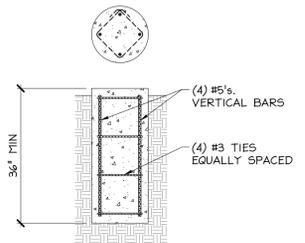
5 SECTION N.T.S.  
EXTERIOR BEAM W/ 3/4\"/>



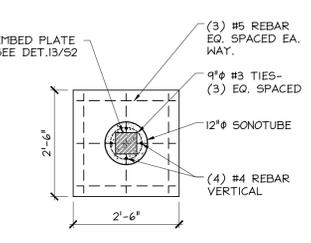
6 SECTION N.T.S.  
EXTERIOR BEAM W/ CURB



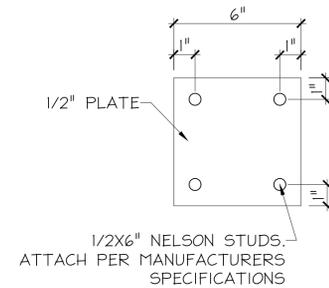
8 SECTION N.T.S.  
INTERIOR SLAB DROP



11 SECTION N.T.S.  
PIER FOOTING



12 SECTION N.T.S.  
FOOTING

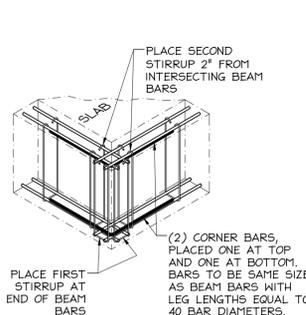


DETAIL 13

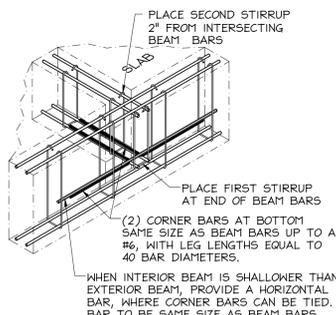
BEAM AND SLAB TABLE

BEAM WIDTH	EXT. BEAM DEPTH	EXT. BM. DEPTH IN GRADE	INT. BEAM DEPTH	BEAM BARS	STIRRUP EXT. BEAM	STIRRUP INT. BEAM	PAD BARS	SLAB THICKNESS
12" MIN.	30"	12"	24"	2-#7 TOP 2-#7 BOT	#3 @ 18" O.C.	#3 @ 12" O.C.	#3 @ 12" O.C.	4"

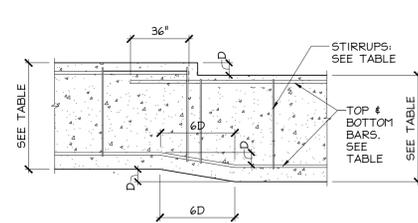
BUILDER/CONTRACTOR TO VERIFY ALL DIMENSIONS, FLOOR PENETRATIONS, DROP AREAS, AND BLOCKOUT LOCATIONS ON SITE.



CORNER BAR DETAIL  
OUTSIDE EXTERIOR BEAM CORNER  
N.T.S.



CORNER BAR DETAIL  
AT INTERIOR BEAM TO EXTERIOR BEAM INTERSECTION  
N.T.S.



BEAM PROFILE AT DROP  
N.T.S.



Spaulding Structural Engineering  
12227 Huebner, Ste. 106 San Antonio, TX  
Phone 210-451-7756 REG. # F-10775

814 N. OLIVE STREET  
SAN ANTONIO, TEXAS  
DETAILS & NOTES

DRAWN BY: MS  
DATE: 11/01/2018  
SCALE: N.T.S.

S2

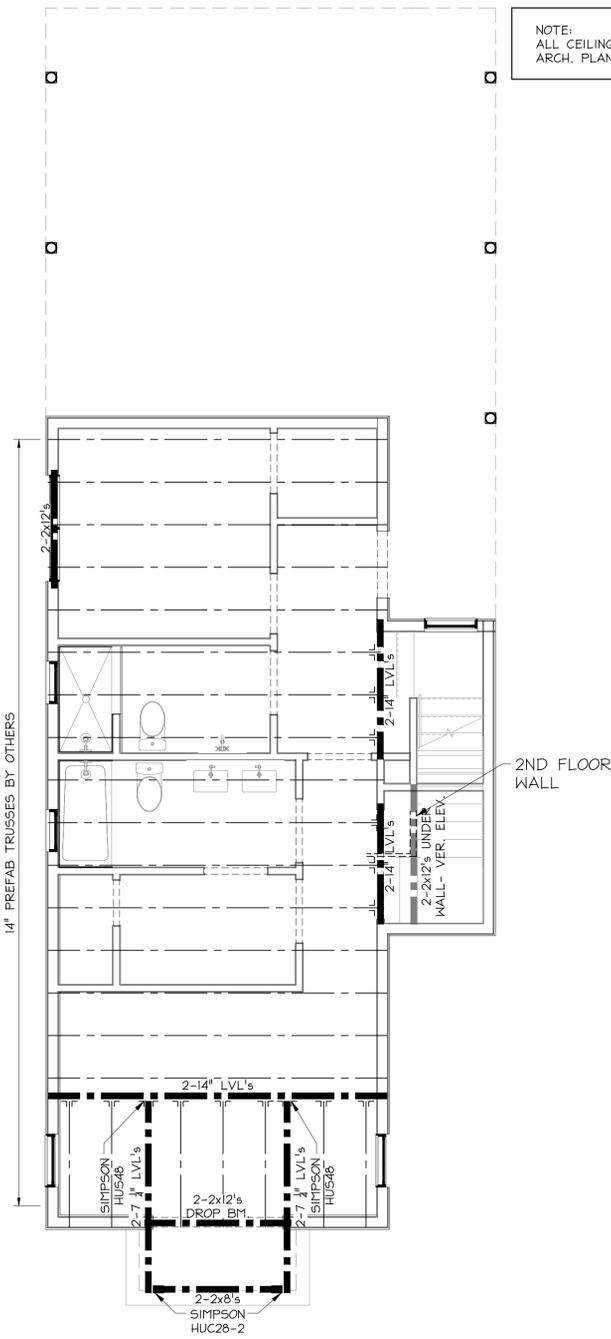
WOOD FRAMING NOTES:

WALL FRAMING

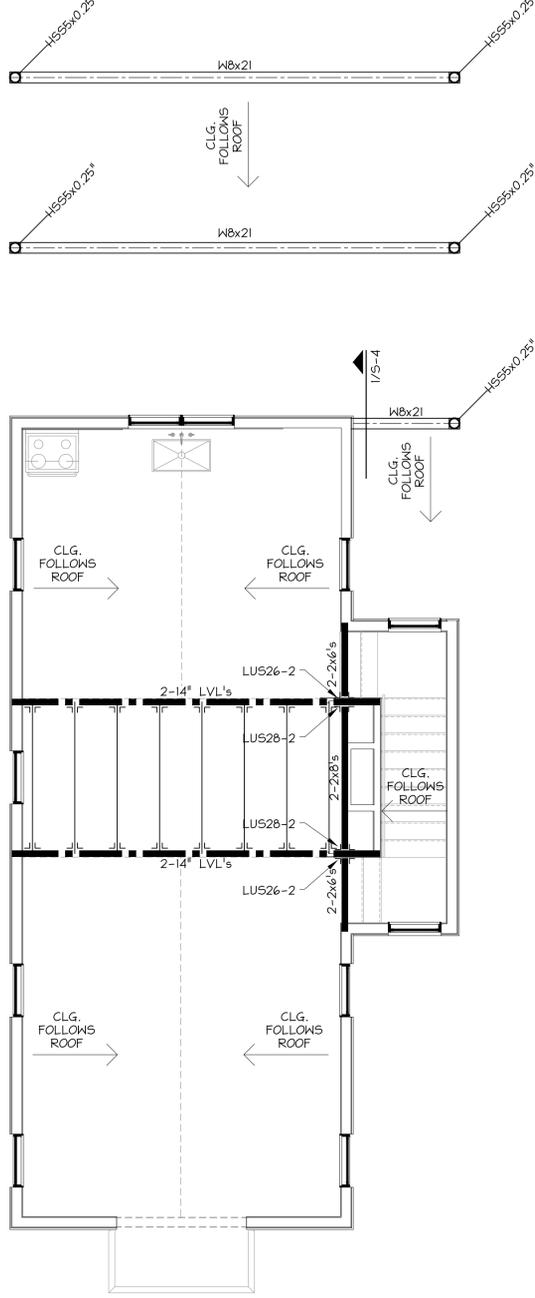
1. STUDS ARE TO BE MINIMUM 2x4 SPACED A MAXIMUM OF 16" O.C. AT EXTERIOR WALLS AND 24" O.C. AT INTERIOR WALLS.
2. NOT LESS THAN 3 STUDS SHALL BE INSTALLED AT EACH CORNER OF AN EXTERIOR WALL.
3. ALL EXTERIOR AND BEARING WALLS SHALL HAVE TWO TOP PLATES, OVERLAPPING AT CORNERS. END JOINTS SHALL BE OFFSET AT LEAST 48" AND SHALL BE NAILED WITH NOT LESS THAN (8) 16d NAILS ON EACH SIDE OF THE JOINT.
4. HEADER STUDS OR KING STUDS AT OPENINGS SHALL BE DOUBLED WHERE THE SPAN OF THE HEADER EXCEEDS 4'.
5. STUDS SHALL HAVE FULL BEARING ON A PLATE EQUAL IN SIZE TO THE STUDS.

ROOF AND CEILING

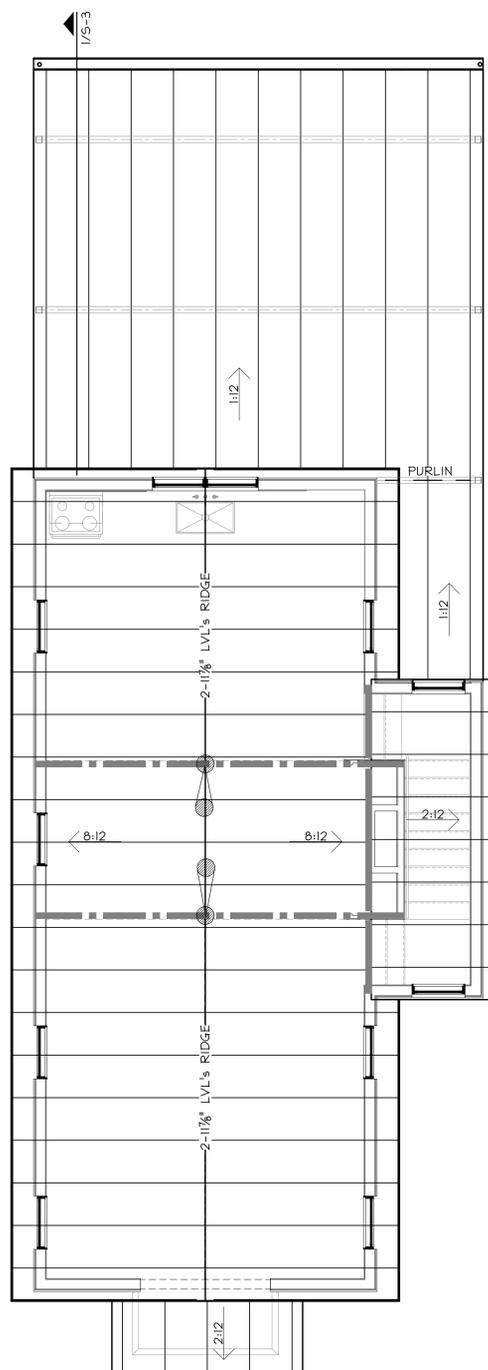
1. ALL LUMBER TO BE #2 SOUTHERN YELLOW PINE OR #2 D. FIR OR BETTER.
2. RAFTERS TO BE 2x6's AT 24" O.C.
3. U.N.O. CEILING JOISTS TO BE 2x6's AT 24" O.C.
4. HIPS VALLEYS AND RIDGES TO BE 2" NOMINAL THICKNESS WITH DEPTH NOT LESS THAN THE CUT END OF THE RAFTER.
5. RAFTERS SHALL BE FRAMED DIRECTLY OPPOSITE EACH OTHER AT THE RIDGE.
6. NOTCHING AT THE END OF RAFTERS AND CEILING JOISTS SHALL NOT EXCEED 1/4th THE DEPTH. NOTCHES AT THE TOPS OR BOTTOM OF RAFTERS SHALL NOT EXCEED 1/6th THE DEPTH AND SHALL NOT BE LOCATED IN THE MIDDLE THIRD OF THE SPAN.
7. HOLES BORED INTO RAFTERS OR CEILING JOISTS SHALL NOT BE WITHIN 2" OF THE TOP AND BOTTOM AND THEIR DIAMETER SHALL NOT EXCEED 1/3 THE DEPTH OF THE MEMBER.
8. PURLIN MAY BE INSTALLED TO REDUCE THE SPANS OF THE RAFTERS. THE PURLIN MUST BE THE SAME SIZE OR LARGER THAN THE RAFTER IT IS CARRYING. THE STRUTS OR PURLIN BRACE MUST BE NO SMALLER THAN 2X4. THEIR ANGLE CAN BE NO LESS THAN 45 DEGREES TO THE HORIZONTAL. THE MAXIMUM UNBRACED LENGTH OF THE STRUT IS 8'. THE STRUTS SHOULD BE PLACED 4' ON CENTER.
9. CEILING JOISTS SHALL REQUIRE BRIDGING IF THEY ARE 2X10 OR LARGER. THE BRIDGING SHALL BE NO SMALLER THAN 1X4. THERE SHALL BE 1 LINE OF BRIDGING FOR EACH 8' OF SPAN.
10. PREFABRICATED WOOD I-JOISTS, STRUCTURAL GLUE LAMINATED TIMBER AND STRUCTURAL COMPOSITE LUMBER SHALL NOT BE NOTCHED OR DRILLED EXCEPT WHERE PERMITTED BY THE MANUFACTURERS RECOMMENDATIONS OR WHERE THE EFFECTS OF SUCH ALTERATIONS ARE SPECIFICALLY CONSIDERED IN THE DESIGN OF THE MEMBER BY THE DESIGN PROFESSIONAL.
11. STRUCTURAL BEAMS THAT BEAR ON EXTERIOR WALLS WITH THE ROOF SLOPING TO THE TOP OF THE WALL SHALL BE CUT TIGHT TO THE ROOF DECK. THERE SHALL NOT BE A GAP GREATER THAN 1/2" BETWEEN ROOF CUT ALONG TOP OF BEAM AND ROOF DECKING.
12. ROOF SHEATHING SHALL BE MINIMUM 7/16" OSB SHEATHING OR 1/2" CD STRUCTURAL PLYWOOD. ATTACH SHEATHING TO RAFTERS WITH 8d NAILS OR 2" 16 GAGE STAPLES SPACED 4" O.C. AT EDGES AND 8" O.C. AT INTERMEDIATE FRAMING.
13. REFER TO ARCHITECTURAL PLANS FOR ALL ROOF SLOPES.



FLOOR FRAMING PLAN



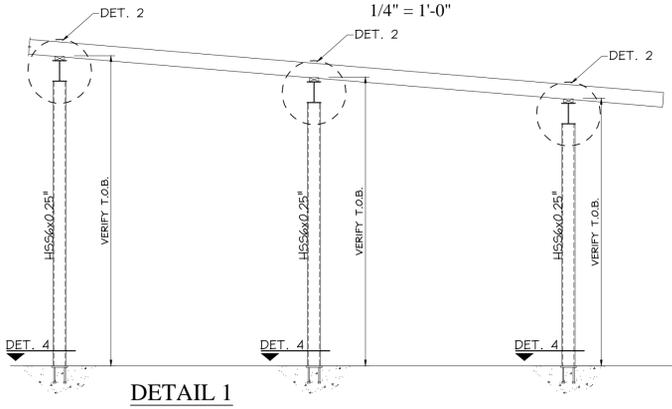
2ND FLOOR CEILING FRAMING PLAN



ROOF FRAMING PLAN

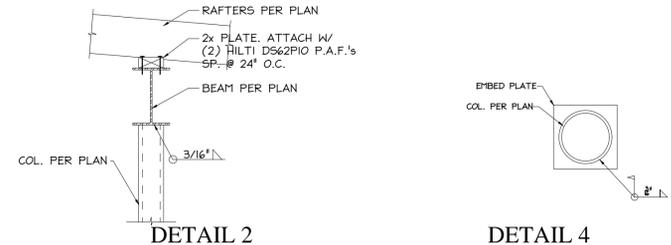
MAXIMUM SPAN ALLOWANCE FOR HEADERS SUPPORTING WOOD FRAME WALLS	
1 STORY OR 2nd FLOOR OF 2 STORY	
SIZE OF WOOD HEADER	MAX. SPAN
(2) 2x6's	4'-6"
(2) 2x8's	6'-6"
(2) 2x10's	8'-0"
(2) 2x12's	9'-6"
1st FLOOR OF 2 STORY	
SIZE OF WOOD HEADER	MAX. SPAN
(2) 2x12's	7'-0"

ROOF BRACING SCHEDULE			
HEIGHT	REQUIREMENTS	SECTION	
1-7 FT.	2x4 #1 BRACING		
8-15 FT.	2x6/2x4 #1 BRACING		
16-20 FT.	2x8/2x6 #1 BRACING		



DETAIL 1

BUILDING C & E



DETAIL 2

DETAIL 4



**Spaulding Structural Engineering**  
 12227 Huebner, Ste. 106 San Antonio, Texas  
 Phone 210-451-7756 REG. # F-10775

814 N. OLIVE STREET  
 SAN ANTONIO, TEXAS  
 FRAMING PLAN

DRAWN BY: CP  
 DATE: 11/01/2018  
 SCALE: 1/4" = 1'

S3

WOOD FRAMING NOTES:

WALL FRAMING

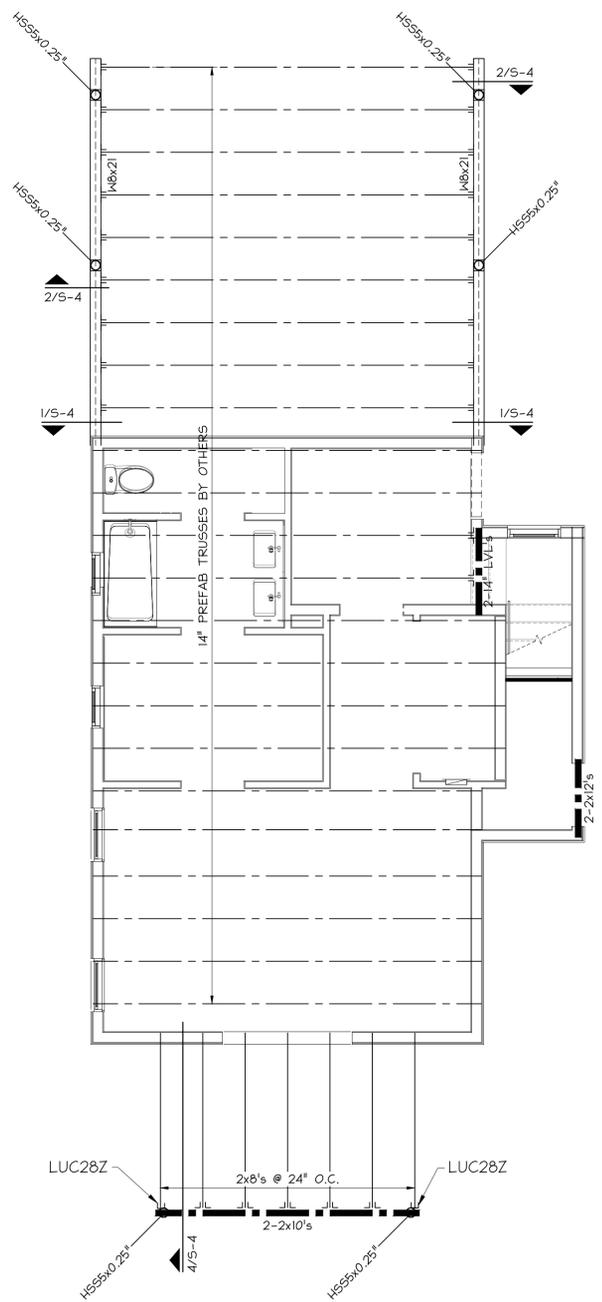
1. STUDS ARE TO BE MINIMUM 2x4 SPACED A MAXIMUM OF 16" O.C. AT EXTERIOR WALLS AND 24" O.C. AT INTERIOR WALLS.
2. NOT LESS THAN 3 STUDS SHALL BE INSTALLED AT EACH CORNER OF AN EXTERIOR WALL.
3. ALL EXTERIOR AND BEARING WALLS SHALL HAVE TWO TOP PLATES OVERLAPPING AT CORNERS. END JOINTS SHALL BE OFFSET AT LEAST 48" AND SHALL BE NAILED WITH NOT LESS THAN (8) 16d NAILS ON EACH SIDE OF THE JOINT.
4. HEADER STUDS OR KING STUDS AT OPENINGS SHALL BE DOUBLED WHERE THE SPAN OF THE HEADER EXCEEDS 4'.
5. STUDS SHALL HAVE FULL BEARING ON A PLATE EQUAL IN SIZE TO THE STUDS.

ROOF AND CEILING

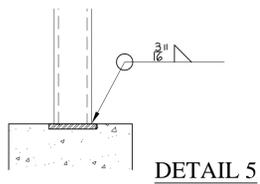
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12. REFER TO ARCHITECTURAL PLANS FOR ALL ROOF SLOPES.

MAXIMUM SPAN ALLOWANCE FOR HEADERS SUPPORTING WOOD FRAME WALLS	
1 STORY OR 2nd FLOOR OF 2 STORY	
SIZE OF WOOD HEADER	MAX. SPAN
(2) 2x6's	4'-6"
(2) 2x8's	6'-6"
(2) 2x10's	8'-0"
(2) 2x12's	9'-6"
1st FLOOR OF 2 STORY	
SIZE OF WOOD HEADER	MAX. SPAN
(2) 2x12's	7'-0"

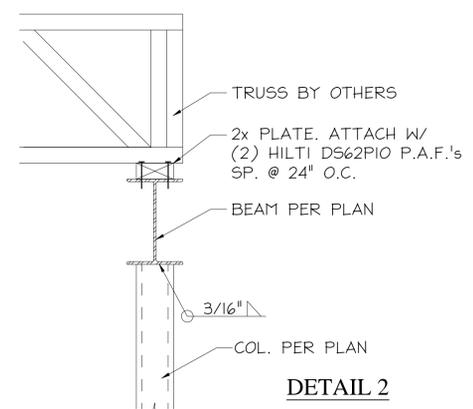
ROOF BRACING SCHEDULE			
HEIGHT	REQUIREMENTS	SECTION	
1-7 FT.	2x4 #1 BRACING	2x4	
8-15 FT.	2x6/2x4 *T* BRACING	2x6	
16-20 FT.	2x8/2x6 *T* BRACING	2x8	



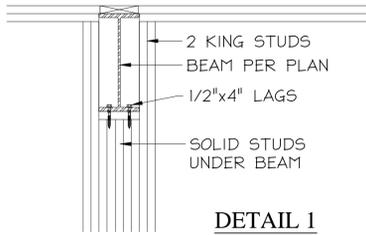
FLOOR FRAMING PLAN  
1/4" = 1'-0"



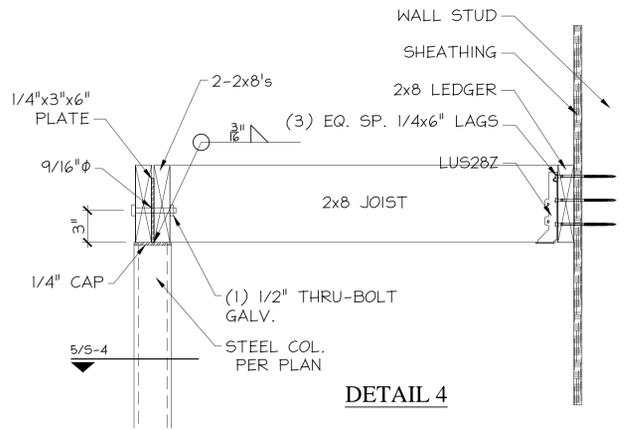
DETAIL 5



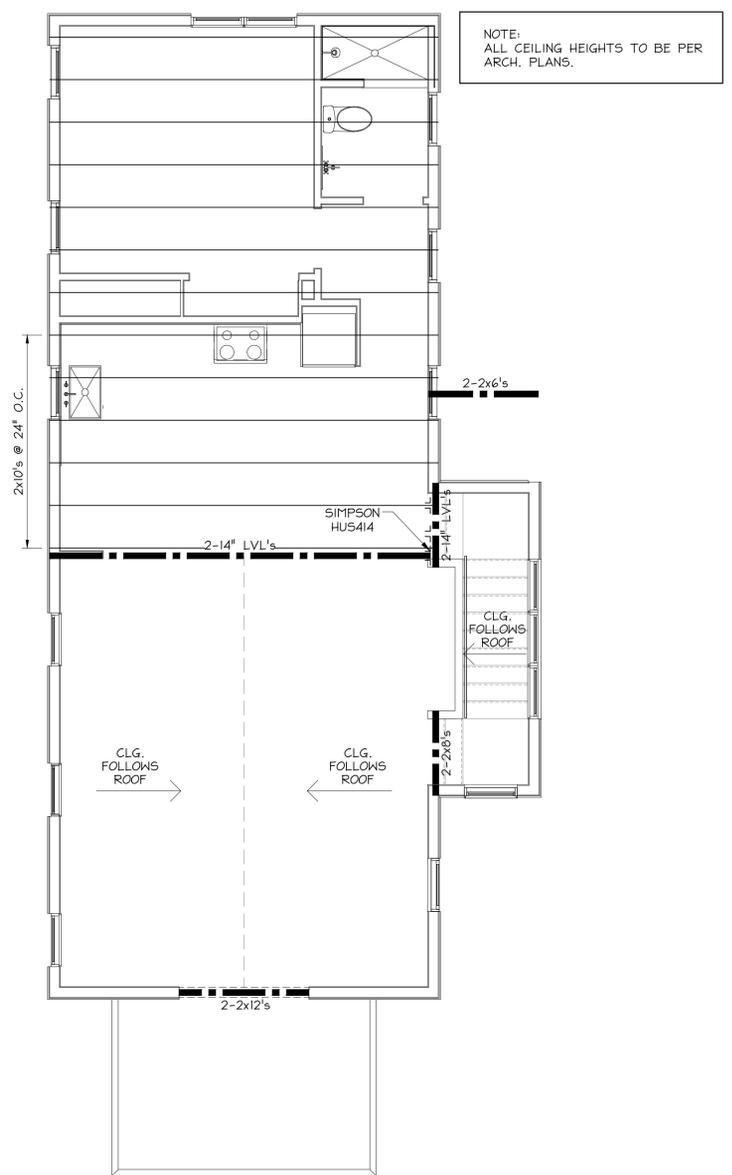
DETAIL 2



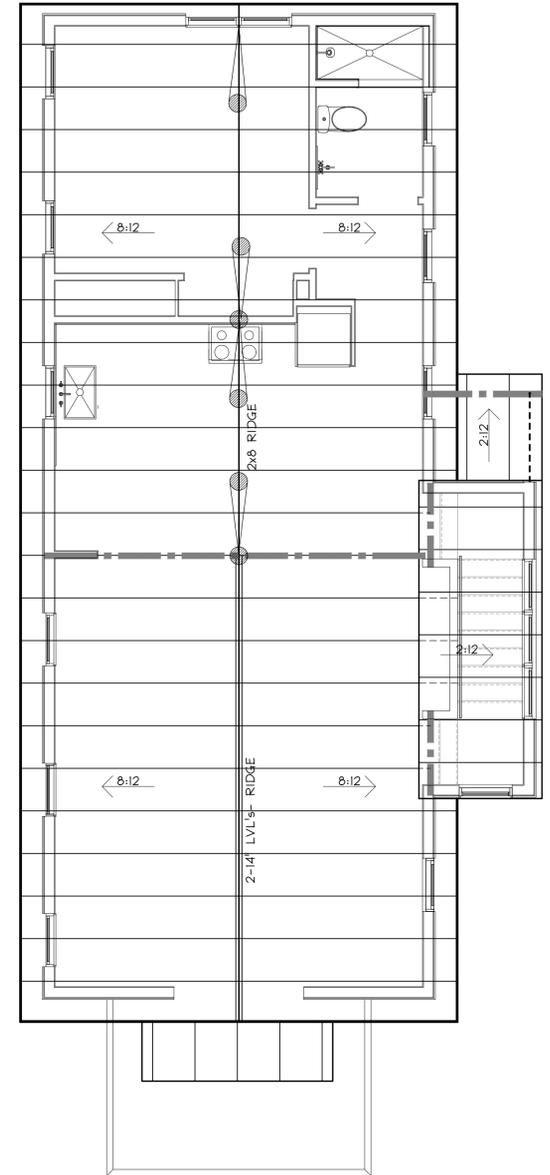
DETAIL 1



DETAIL 4



2ND STORY CEILING FRAMING PLAN  
1/4" = 1'-0"



ROOF FRAMING PLAN  
1/4" = 1'-0"

NOTE:  
ALL CEILING HEIGHTS TO BE PER ARCH. PLANS.

BUILDING D



Spaulding Structural Engineering  
12227 Huebner, Ste. 106 San Antonio, Texas  
Phone 210-451-7756 REG. # F-10775

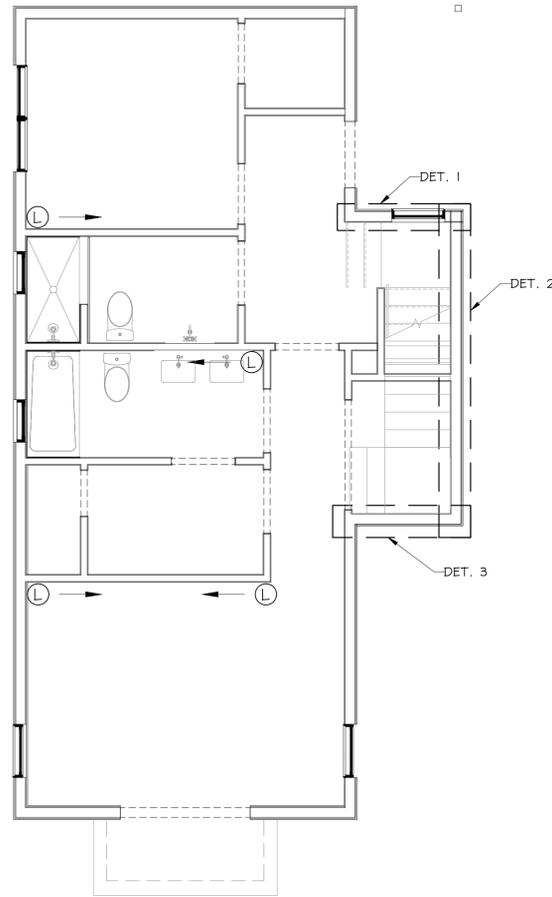
814 N. OLIVE STREET  
SAN ANTONIO, TEXAS  
FRAMING PLAN

DRAWN BY: CP  
DATE: 11/01/2018  
SCALE: 1/4" = 1'

S4

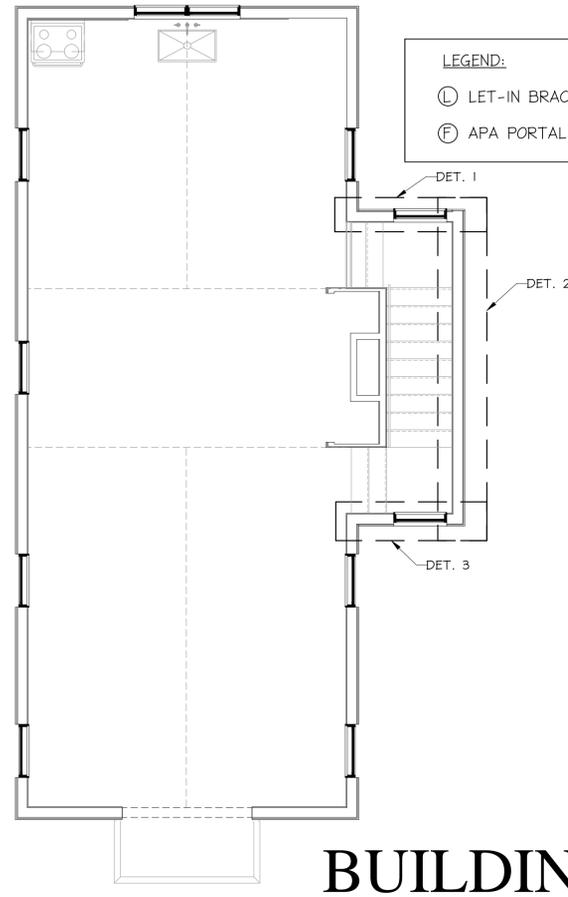


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**1ST FLOOR WALL BRACING PLAN**

1/4" = 1'-0"

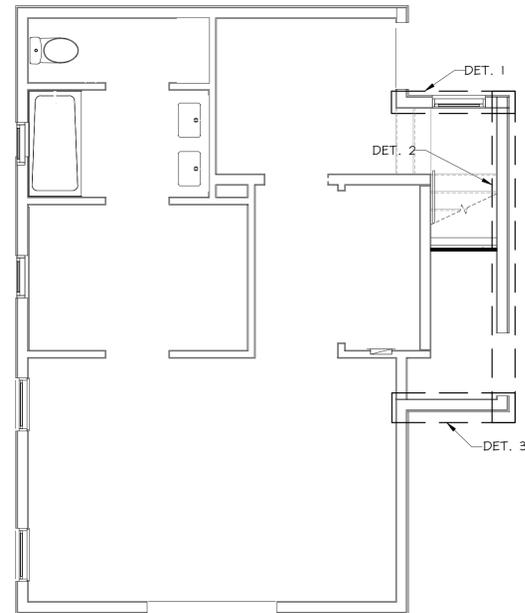


**2ND FLOOR WALL BRACING PLAN**

1/4" = 1'-0"

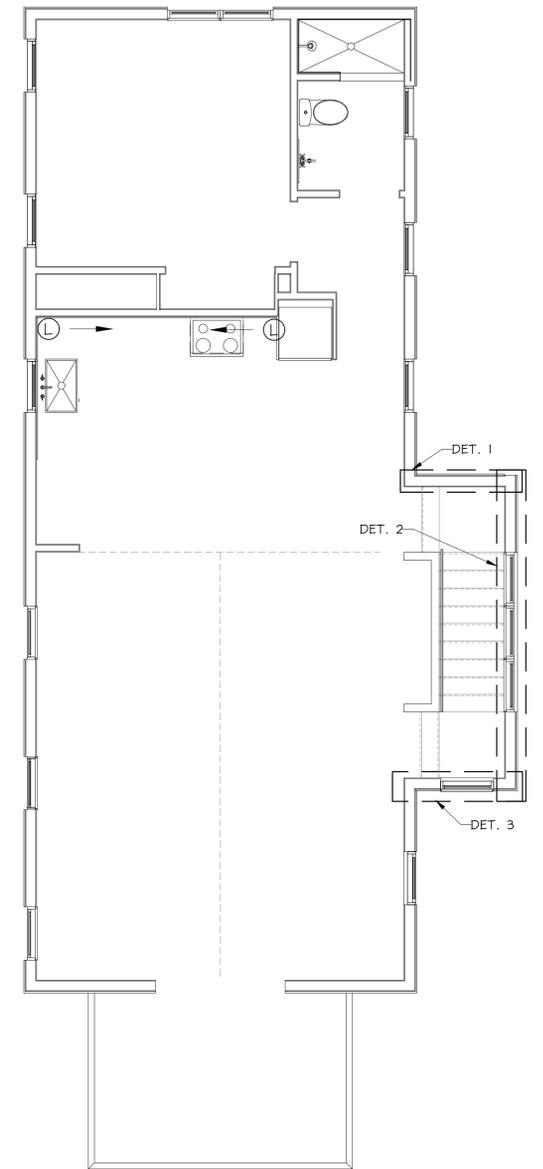
**LEGEND:**  
 (L) LET-IN BRACE-SEE NOTES 1 SHEET 1.  
 (F) APA PORTAL FRAME- SEE DETAIL SHEET 1

**NOTE:**  
 SHEATH ALL EXTERIOR WALLS WITH 7/16" OSB PLYWOOD EXCEPT WITHIN 24" OF GRADE. USE PRESSURE TREATED 1/2" CD PLYWOOD WITHIN 24" OF GRADE. ATTACH ALL PLYWOOD AS PER NOTE 2.



**1ST FLOOR WALL BRACING PLAN**

1/4" = 1'-0"



**2ND FLOOR WALL BRACING PLAN**

1/4" = 1'-0"

# BUILDING C&E

**GENERAL NOTES:**

1. LET-IN BRACING  
 A. 1x4 LET-IN: ATTACH CONTINUOUS DIAGONAL 1x4 (#2 S.Y.P.) LET-IN TO TOP & BOTTOM PLATES AND INTERVENING STUDS. ATTACH W/2-12d NAILS AT EACH PLATE AND STUDS. END OF LET-IN AT TOP PLATE SHOULD BE CLOSE TO THE BUILDING CORNER UNLESS NOTED OTHERWISE. INSTALL BRACE AT NO LESS THAN A 45 DEGREE ANGLE AND NO GREATER THAN 60 DEGREE ANGLE TO THE HORIZONTAL. ARROW DENOTES DOWNWARD PATH OF 1x4.  
 B. SIMPSON RCWB METAL BRACING MAY BE USED IN PLACE OF THE 1x4 LET-IN ON 2x6 WALLS, WHEN THE FOLLOWING MINIMUM WALL LENGTHS ARE AVAILABLE:

8' PLATE-SIMPSON RCWB2, MIN. 8' WALL LENGTH REQUIRED.  
 9' PLATE-SIMPSON RCWB2, MIN. 6'-10" WALL LENGTH REQUIRED.  
 10' PLATE-SIMPSON RCWB4, MIN. 10' WALL LENGTH REQUIRED.

ATTACH SIMPSON RCWB AS SPECIFIED BY THE MANUFACTURER. THE SIMPSON TMB IS NOT AN ACCEPTABLE SUBSTITUTION FOR THE 1x4 LET-IN.

2. OSB SHEATHING- ATTACH 7/16" OSB TO STUDS W/ 8d (131#)x 2 1/2" NAILS @ 6" O.C. AT ALL EDGES AND 12" O.C. ALONG INTERMEDIATE STUDS. 8d NAILS SHOULD BE PLACED NO LESS THAN 3/8" FROM THE PANEL EDGE. SOLID BLOCK ALL HORIZONTAL JOINTS.

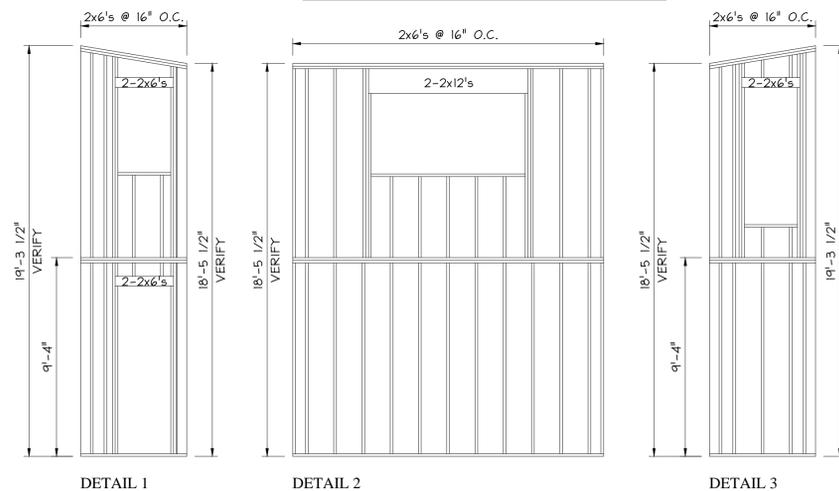
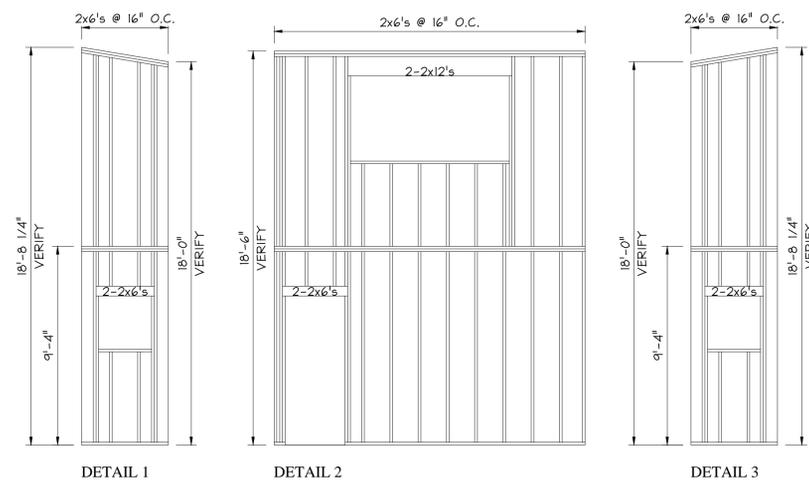
**SOLE PLATE ANCHORAGE**

1. BOTTOM PLATES SHOULD BE ANCHORED TO THE FOUNDATION WITH 1/2" J-BOLTS HAVING A MINIMUM OF 7" CONCRETE EMBEDMENT AND SPACED NO MORE THAN 6' ON CENTER. THERE SHOULD BE AT LEAST 2 BOLTS PER PLATE AND THERE MUST BE A BOLT WITHIN 12" OF EACH END OF THE PLATE. A PROPERLY SIZED NUT AND WASHER SHALL BE TIGHTENED ON EACH BOLT.

**TALL WALL NOTES:**

1. ALL STUDS TO BE MIN. 2x4 #2 SYP OR SPF.  
 2. SINGLE BOTTOM PLATE, DOUBLE TOP PLATE.  
 3. ATTACH STUDS TO TOP AND BOTTOM PLATES WITH MIN. OF (4) 12d NAILS.  
 4. ATTACH HEADERS TO FRAMING W/ MIN. (8) 12d NAILS IN EACH END.  
 5. ALL STUDS TO BE CONTINUOUS EXCEPT JACK AND CRIPPLE STUDS ABOVE AND BELOW OPENINGS.  
 6. EXTERIOR WALL BOTTOM PLATES SHALL BE ANCHORED TO THE FOUNDATION WITH 1/2" ANCHOR BOLTS. THE ANCHOR BOLTS SHALL HAVE A MINIMUM DEPTH OF 7 INCHES INTO CONCRETE. BOLT SPACING SHALL BE A MAXIMUM OF 6 FEET ON CENTER, WITH ONE BOLT LOCATED NO MORE THAN 12 INCHES FROM EACH END. A NUT AND WASHED SHALL BE TIGHTENED ON EACH BOLT OF THE PLATE.

# BUILDING D



814 N. OLIVE STREET  
 SAN ANTONIO, TEXAS  
 WALL BRACING PLAN

DRAWN BY: CP  
 DATE: 11/01/2018  
 SCALE: 1/4" = 1'

S5

# 814 N OLIVE STREET

SAN ANTONIO TX 78202

**PROJECT TEAM:**

Cotton Estes | AIA (Architect)  
info@highcottonarchitects.com

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(Structural)  
chester@sse-texas.com

Scott Dye, PE (Civil)  
dyeenterprises@sabx.com

Zambranowitz (LID Design)  
helena.zambrano@gmail.com, corey.squire@gmail.com

**SET ISSUE DATES**

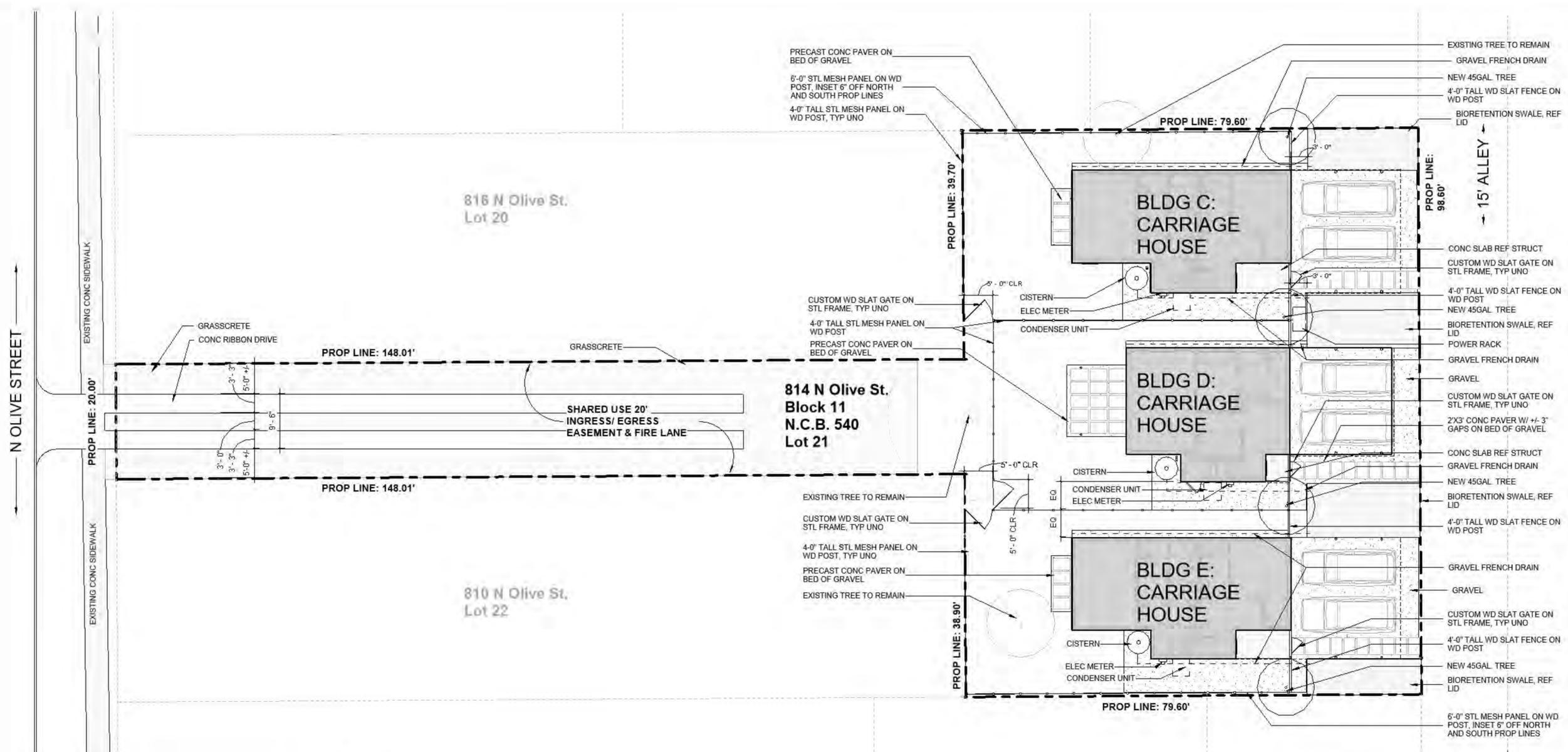
02.13.2018 HDRC Schematic Approval  
07.18.2018 HDRC Final Approval  
10.31.2018 Construction Documents for Bidding

**CONSTRUCTION  
DOCUMENTS**

**PROJECT  
INFORMATION  
- 814 N OLIVE**

# A001

ABBREVIATIONS	PROJECT DATA	GENERAL PROJECT NOTES	(RESERVED)																																																				
<p>ABV ABOVE AFF ABOVE FINISHED FLOOR ADJ ADJUSTABLE ANOD ANODIZED A/C AIR CONDITIONING ALT ALTERNATE ALUM ALUMINUM ARCH ARCHITECT (URAL) M BEAM BTWN BETWEEN BD BOARD B.S. BOTH SIDES OT BOTTOM B.O.B. BOTTOM OF BEAM B.O.D. BOTTOM OF DECK B.O.S. BOTTOM OF STEEL BLDG BUILDING CAB CABINET CLG CEILING CEM CEMENT CER TILE CERAMIC TILE CIR CIRCLE CIRC CIRCULAR, CIRCUMFERENCE CLR CLEAR COL COLUMN CONC CONCRETE CONST CONSTRUCTION CONT CONTINUOUS, CONTINUE C.J. CONTROL JOINT CNTR COUNTERTOP D DEEP DEMO DEMOLISH, DEMOLITION DTL DETAIL DIA DIAMETER DIM DIMENSION DR DOOR D.H. DOUBLE HUNG DBL DOUBLE DWG DRAWING E EAST ELEC ELECTRIC (AL) ELEV ELEVATION EXIST EXISTING EQ EQUAL EX EXHAUST EXP EXPOSED IN FINISH (ED) FIN FLR FINISHED FLOOR FD FLOOR DRAIN RZR FREEZER FT FOOT (FEET) FTG FOOTING FCB FIBER CEMENT BOARD FDN FOUNDATION GA GAGE, GAUGE GALV GALVANIZED G.C. GENERAL CONTRACTOR GYP BD GYPSUM WALL BOARD GYP GYPSUM HDW HARDWARE HDR HEADER HVAC HEATING / VENTILATING / AIR CONDITIONING HGT HEIGHT HC HOLLOW CORE HM HOLLOW METAL HORIZ HORIZONTAL INCL INCLUDE (D), (NG) INSUL INSULATION, INSULATING INT INTERIOR LH LEFT HAND MSRY MASONRY MAX MAXIMUM MECH MECHANICAL MEMB MEMBRANE MTL METAL M. METER (S) MIN MINIMUM MISC MISCELLANEOUS N NORTH NIC NOT IN CONTRACT NTS NOT TO SCALE OC ON CENTER (S) PG OPENING OPP OPPOSITE OD OUTSIDE DIAMETER PTD PAINTED PERF PERFORATED PL PLATE PLYWD PLYWOOD REFP REFER (ENCE)E REFL REFLECTED REFG REFRIGERATOR RAG RETURN AIR GRILL REQD REQUIRED RH RIGHT HAND RO ROUGH OPENING SCHED SCHEDULE SIM SIMILAR SC SOLID CORE S SOUTH SPEC SPECIFICATION, SPECIFIED SQ SQUARE SS STAINLESS STEEL STL STEEL STOR STORAGE STR STAIR, STRINGER SD STORM DRAIN STRUCT STRUCTURAL TEL TELEPHONE TV TELEVISION T&amp;G TONGUE AND GROOVE T.O.P. TOP OF PLATE T.O.S. TOP OF STEEL T.O.W. TOP OF WALL TYP TYPICAL UNO UNLESS NOTED OTHERWISE VERT VERTICAL W WEST WIN WINDOW W/ WITH W/O WITHOUT WD WOOD</p>	<p><b>OLIVE STREET HOUSES</b></p> <p>PROJECT ADDRESS: 810 N OLIVE STREET, SAN ANTONIO TX 78202 ZONING: RM-4 (3 LOTS) DISTRICT: HISTORICAL, DIGNOWITY HILL</p> <hr/> <p><b>PROJECT DIRECTORY</b></p> <p><b>Architect</b> HighCotton Architects, PLLC Cotton Estes, AIA Phone: 401-441-1014 Email: info@highcottonarchitects.com</p> <p><b>Architect/ Owner:</b> Stephen Green</p> <p><b>Structural Engineer</b> Spaulding Structural Engineering Inc. Chester L. Spaulding III, P.E. Phone: 210-451-7756 Email: chester@sse-texas.com</p> <p><b>Geotechnical Engineer</b> Burge Engineering &amp; Associates, Inc. Benny Krieger, P.E. Phone: 210-646-8566 Email: benny@burge-eng.com</p> <p><b>Civil Engineer</b> Dye Enterprises D. Scott Dye, P.E., R.P.L.S. Phone: 210-599-4123 Email: dyeenterprises@sabx.com</p> <p><b>Sustainability Consultant</b> Zambranowitz Corey Squire, AIA, LEED AP Email: corey.squire@gmail.com</p>	<ol style="list-style-type: none"> <li>REFER TO COMPLETE SET OF ISSUED CONTRACT DOCUMENTS FOR APPLICABLE NOTES, ABBREVIATIONS, AND SYMBOLS.</li> <li>DO NOT SCALE THE DRAWINGS. IF DIMENSIONS ARE IN QUESTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING ALL LITES LABELED WITH A 'T' ON WINDOW TYPE ELEVATIONS SHALL BE TEMPERED TO MEET SAFETY REQUIREMENTS.</li> <li>ISOLATE DISSIMILAR METALS TO PREVENT GALVANIC CORROSION.</li> <li>SEALANTS EXPOSED TO VIEW SHALL BE CUSTOM COLOR AS SELECTED BY THE ARCHITECT. COORDINATE LOCATION OF SEALANT AND COMPATIBILITY OF SEALANTS WITH ADJACENT WORK, BUILDING MATERIALS, AND OTHER CONTINUOUS SEALANTS.</li> <li>COMPLY WITH ALL APPLICABLE CODES, LAWS, ORDINANCES, ORDERS, RULES, AND REGULATIONS OF AUTHORITIES HAVING JURISDICTION.</li> <li>REVIEW DOCUMENTS, VERIFY DIMENSIONS AND FIELD CONDITIONS AND CONFIRM THAT WORK IS BUILDABLE AS SHOWN. REPORT ANY CONFLICTS OR OMISSIONS TO THE ARCHITECT FOR CLARIFICATION PRIOR TO PERFORMING ANY WORK IN QUESTION.</li> <li>COORDINATE WORK WITH THE OWNER, INCLUDING SCHEDULING TIME AND LOCATIONS FOR DELIVERIES, BUILDING ACCESS, USE OF BUILDING SERVICES AND FACILITY. MINIMIZE DISTURBANCE OF BUILDING FUNCTIONS AND OCCUPANTS.</li> <li>MAINTAIN WORK AREAS SECURE AND LOCKABLE DURING CONSTRUCTION. COORDINATE WITH OWNER AND/OR PROPERTY MANAGER TO ENSURE SECURITY.</li> <li>MAINTAIN EXITS, EXIT LIGHTING, FIRE PROTECTIVE DEVICES, AND ALARMS IN CONFORMANCE WITH APPLICABLE CODES AND ORDINANCES.</li> <li>EXAMINATION OF THE SITE AND PORTIONS THEREOF THAT AFFECT THIS WORK SHALL BE MADE BY THE GENERAL CONTRACTOR PRIOR TO STARTING WORK, WHO SHALL COMPARE EXISTING CONDITIONS WITH THE CONTRACT DOCUMENTS AND SATISFY HIM/HERSELF AS TO THE EXISTING CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED. CONTRACTOR SHALL AT SUCH TIME ASCERTAIN AND VERIFY THE LOCATIONS OF EXISTING STRUCTURES AND UTILITIES.</li> <li>ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE INSTALLED, CONNECTED, ERECTED CLEANED, AND CONDITIONED PER THE MANUFACTURER'S INSTRUCTIONS. IN CASE OF DIFFERENCES BETWEEN MANUFACTURER'S INSTRUCTIONS AND THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT BEFORE PROCEEDING WITH THE WORK IN QUESTION. DAMAGE TO NEW AND EXISTING MATERIALS, FINISHES, STRUCTURES AND EQUIPMENT SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER AT THE EXPENSE OF THE CONTRACTOR.</li> <li>CONTRACTOR SHALL REMOVE ALL RUBBISH AND WASTE MATERIALS OF ALL SUBCONTRACTORS AND TRADES ON A DAILY BASIS AND SHALL EXERCISE STRICT CONTROL OVER JOB CLEANING TO PREVENT ANY DIRT, DEBRIS, OR DUST FROM AFFECTING ANY FINISHED AREAS IN OR OUTSIDE THE JOB SITE. BURNING OF DEBRIS ON SITE SHALL NOT BE PERMITTED.</li> <li>CONTRACTOR SHALL NOT PROCEED WITH ANY WORK REQUIRING ADDITIONAL COMPENSATION BEYOND THE CONTRACT AMOUNT WITHOUT AUTHORIZATION FROM THE ARCHITECT OR OWNER. FAILURE TO OBTAIN AUTHORIZATION SHALL INVALIDATE ANY CLAIM FOR ADDITIONAL COMPENSATION.</li> </ol>	(RESERVED)																																																				
	<p><b>SYMBOLS</b></p>	<p><b>SHEET LIST</b></p>	(RESERVED)																																																				
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N OLIVE STREET

EXISTING CONC SIDEWALK  
PROP LINE: 20.00'

GRASSCRETE  
CONC RIBBON DRIVE  
PROP LINE: 148.01'

PROP LINE: 148.01'

816 N Olive St.  
Lot 20

814 N Olive St.  
Block 11  
N.C.B. 540  
Lot 21

810 N Olive St.  
Lot 22

SHARED USE 20'  
INGRESS/ EGRESS  
EASEMENT & FIRE LANE

PROP LINE: 39.70'

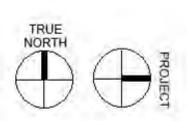
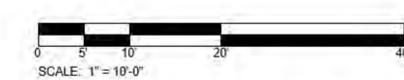
PROP LINE: 38.90'

PROP LINE: 79.60'

PROP LINE: 79.60'

PROP LINE:  
98.60'

15' ALLEY



1 SITE PLAN - 814 N OLIVE  
SCALE: 1" = 10'-0"

- SITE PLAN NOTES**
- 1 REFER TO LID DESIGN FOR BIORETENTION SWALES AND CISTERN DESIGN
  - 2 REF. CIVIL PLANS FOR GRADING, FIRE ACCESS, UTILITIES AND BUILDING SETBACKS
  - 3 ALL EXISTING TREES TO REMAIN SHOWN IN LIGHT GREY. EXISTING TREES TO BE DEMOED SHOWN IN DASHED LINES. NEW TREES SHOWN IN BLACK LINES.
  - 4 +/- INDICATES 1" TOLERANCE FROM NOTED DIMENSIONS

814 N  
OLIVE  
STREET

SAN ANTONIO TX 78202

PROJECT TEAM:  
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Zambranowitz (LID Design)  
zdzambranowitz@coteste.com, dzambranowitz@coteste.com

SET ISSUE DATES

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10.31.2018	Construction Documents for Bidding

CONSTRUCTION  
DOCUMENTS

SITE PLAN -  
814 N OLIVE

A100

commercial site plan: I2550159 to include street improvement of the alley to widen from 9.5 feet to 12 feet.

# 814 N OLIVE STREET

SAN ANTONIO TX 78202

**PROJECT TEAM:**

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**CONSTRUCTION DOCUMENTS**

**FLOOR PLAN - 814 N OLIVE - BLDG C & E**

**A202**

**FLOOR PLAN NOTES**

- DIMENSIONS ARE TO COLUMN CENTERLINE, FACE OF STUD, FACE OF CONCRETE, AND CENTERLINE OF DOOR AND WINDOW OPENINGS, UNLESS NOTED OTHERWISE. DIMENSIONS NOTED AS "CLR" MUST BE PRECISELY MAINTAINED. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT ARCHITECT'S APPROVAL UNLESS NOTED AS "-/+". VERIFY DIMENSIONS MARKED "V.I.F." PRIOR TO COMMENCEMENT OF CONSTRUCTION, AND NOTIFY ARCHITECT OF ANY INCONSISTENCIES. "ALIGN" SHALL MEAN TO ACCURATELY LOCATE FINISH FACES IN THE SAME PLANE.
- REFERENCE A001 FOR ADDITIONAL GENERAL NOTES.
- PROVIDE DRAIN PAN AT ALL WASHER/DRYER AND WATER HEATER UNITS.
- CROSS REFERENCE SITE PLAN, CIVIL AND LID DESIGN FOR HARDSCAPE AND DRAINAGE
- FURNITURE FOR REF. ONLY, NIC

**PARTITION TYPES GENERAL NOTES**

- REFER TO FLOOR PLAN FOR EXTENT OF WALL TYPE.
- PROVIDE SOLID WOOD BLOCKING AT ALL WALLS TO RECEIVE TOWEL BARS, TOILET PAPER HOLDERS, CABINETRY, COAT HOOKS, ETC.
- PROVIDE FULL, ACOUSTICAL BATT INSULATION TO ALL INTERIOR WALLS ABUTTING BEDROOMS, BATHROOMS, LAUNDRY ROOMS AND MECHANICAL ROOMS.
- REFER TO INTERIOR ELEVATIONS FOR INTERIOR FINISHES & WALL BASE.
- WALL GYP BD SHALL BE 1/2" THICK UNO. PROVIDE WATER RESISTANT TYPE AT ALL WET WALLS, PROVIDE EXTERIOR RATED GYP BD AT ALL UNCONDITIONED SPACES
- OPENINGS IN A RATED WALL, FLOOR, CEILING, AND ROOF ASSEMBLIES SHALL BE SEALED WITH A FIRE RESISTANT JOINT SYSTEM OR PROTECTED WITH A FIRE RATED CHASE
- WHERE TWO DIFFERENT PARTITION SYSTEMS ABUT, THE FINISH FACES SHALL BE FLUSH
- ALL INTERIOR PARTITIONS TO BE 2X4 WD FRAMING UNO.

**EXTERIOR PARTITION TYPES**

- X01:** VERTICAL FCB SIDING ON WRB ON PLYWD SHEATHING ON 2X6 WD FRAMING W/ OPEN CELL SPRAY FOAM INSUL W/ R VALUE OF 20.
- X02:** HORIZ FCB SIDING ON WRB ON PLYWD SHEATHING ON 2X6 WD FRAMING W/ OPEN CELL SPRAY FOAM INSUL W/ R VALUE OF 20.
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- X03:** CORRUGATED MTL SIDING ON WRB ON PLYWD SHEATHING ON 2X6 WD FRAMING W/ OPEN CELL SPRAY FOAM INSUL W/ R VALUE OF 20.
- X04:** HORIZ NAT. WD SHIP LAP SIDING ON FURRING STRIPS ON WRB ON PLYWD SHEATHING ON 2X6 WD FRAMING W/ OPEN CELL SPRAY FOAM INSUL W/ R VALUE OF 20.

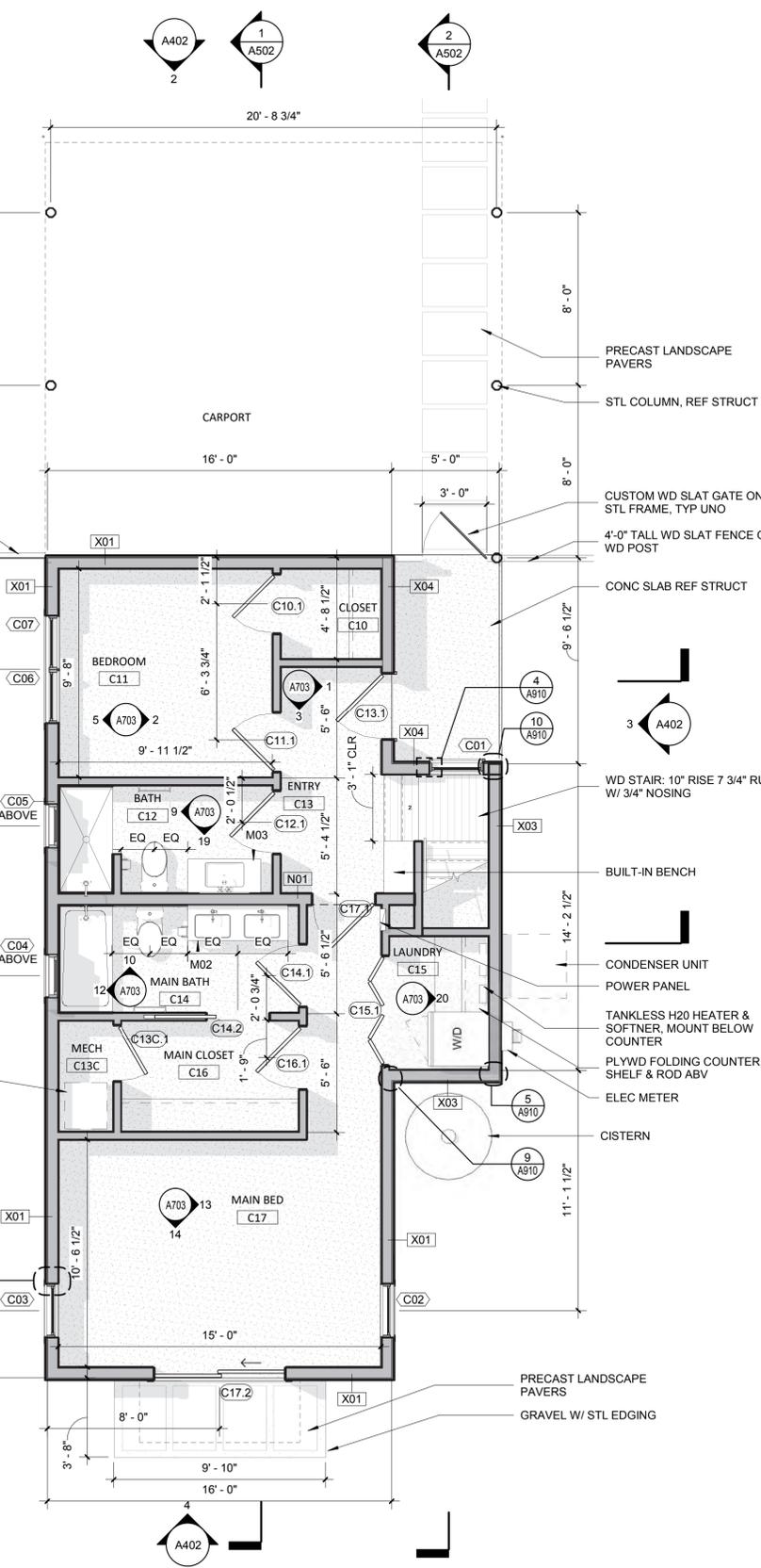
**INTERIOR PARTITION TYPES**

- N01:** 2X6 WD FRAMING
- N02:** 2X4 WD FRAMING ON THE FLAT

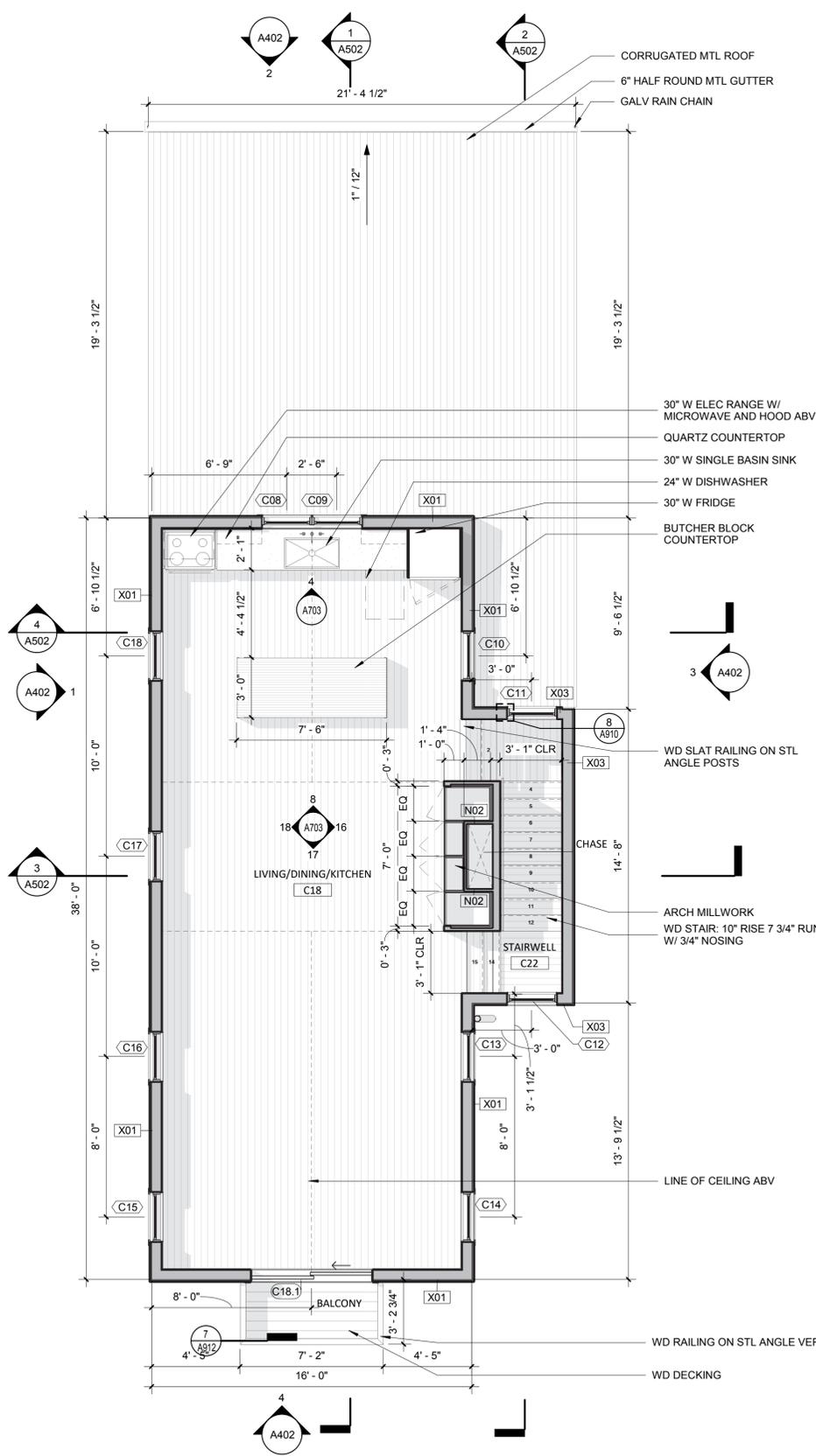
**FLOOR FINISH LEGEND**

- POLISHED CONC
- BAMBOO TONGUE AND GROOVE FLOORING
- STONE TILE

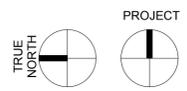
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Exception: Grade floor openings or below-grade openings shall have a net clear opening area of not less than 5 square feet (0.465 m2).



1 BLDG C & E - LVL 1 FLOOR PLAN  
SCALE: 1/4" = 1'-0"



2 BLDG C & E - LVL 2 FLOOR PLAN  
SCALE: 1/4" = 1'-0"



# 814 N OLIVE STREET

SAN ANTONIO TX 78202

**PROJECT TEAM:**

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**CONSTRUCTION DOCUMENTS**

**FLOOR PLAN - 814 N OLIVE - BLDG D**

**A203**

**FLOOR PLAN NOTES**

- DIMENSIONS ARE TO COLUMN CENTERLINE, FACE OF STUD, FACE OF CONCRETE, AND CENTERLINE OF DOOR AND WINDOW OPENINGS, UNLESS NOTED OTHERWISE. DIMENSIONS NOTED AS "CLR" MUST BE PRECISELY MAINTAINED. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT ARCHITECT'S APPROVAL UNLESS NOTED AS "+/-". VERIFY DIMENSIONS MARKED "V.I.F." PRIOR TO COMMENCEMENT OF CONSTRUCTION, AND NOTIFY ARCHITECT OF ANY INCONSISTENCIES. "ALIGN" SHALL MEAN TO ACCURATELY LOCATE FINISH FACES IN THE SAME PLANE.
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- FURNITURE FOR REF. ONLY, NIC

**PARTITION TYPES GENERAL NOTES**

- REFER TO FLOOR PLAN FOR EXTENT OF WALL TYPE.
- PROVIDE SOLID WOOD BLOCKING AT ALL WALLS TO RECEIVE TOWEL BARS, TOILET PAPER HOLDERS, CABINETS, COAT HOOKS, ETC.
- PROVIDE FULL, ACOUSTICAL BATT INSULATION TO ALL INTERIOR WALLS ABUTTING BEDROOMS, BATHROOMS, LAUNDRY ROOMS AND MECHANICAL ROOMS.
- REFER TO INTERIOR ELEVATIONS FOR INTERIOR FINISHES & WALL BASE.
- WALL GYP BD SHALL BE 1/2" THICK UNO. PROVIDE WATER RESISTANT TYPE AT ALL WET WALLS. PROVIDE EXTERIOR RATED GYP BD AT ALL UNCONDITIONED SPACES.
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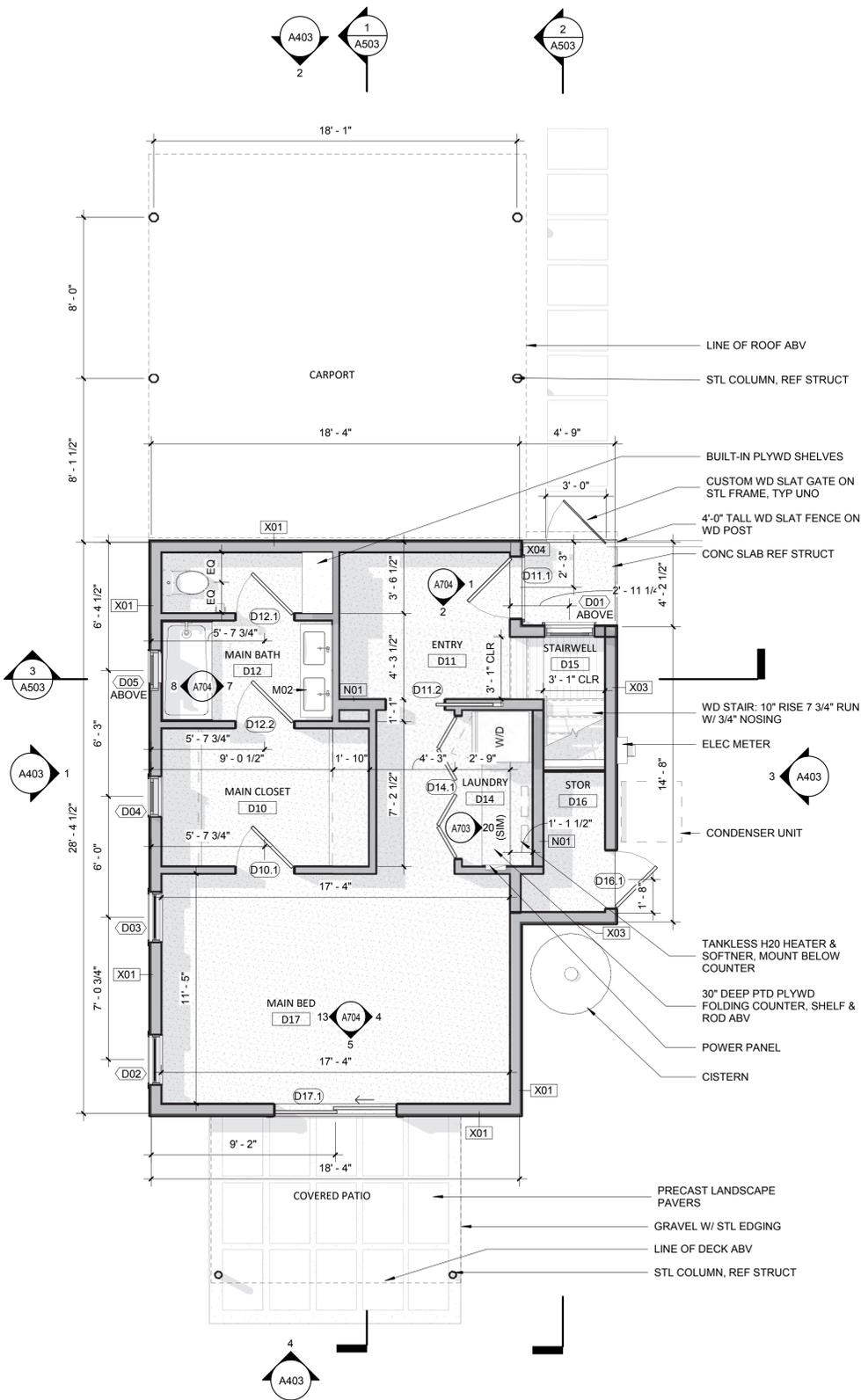
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**INTERIOR PARTITION TYPES**

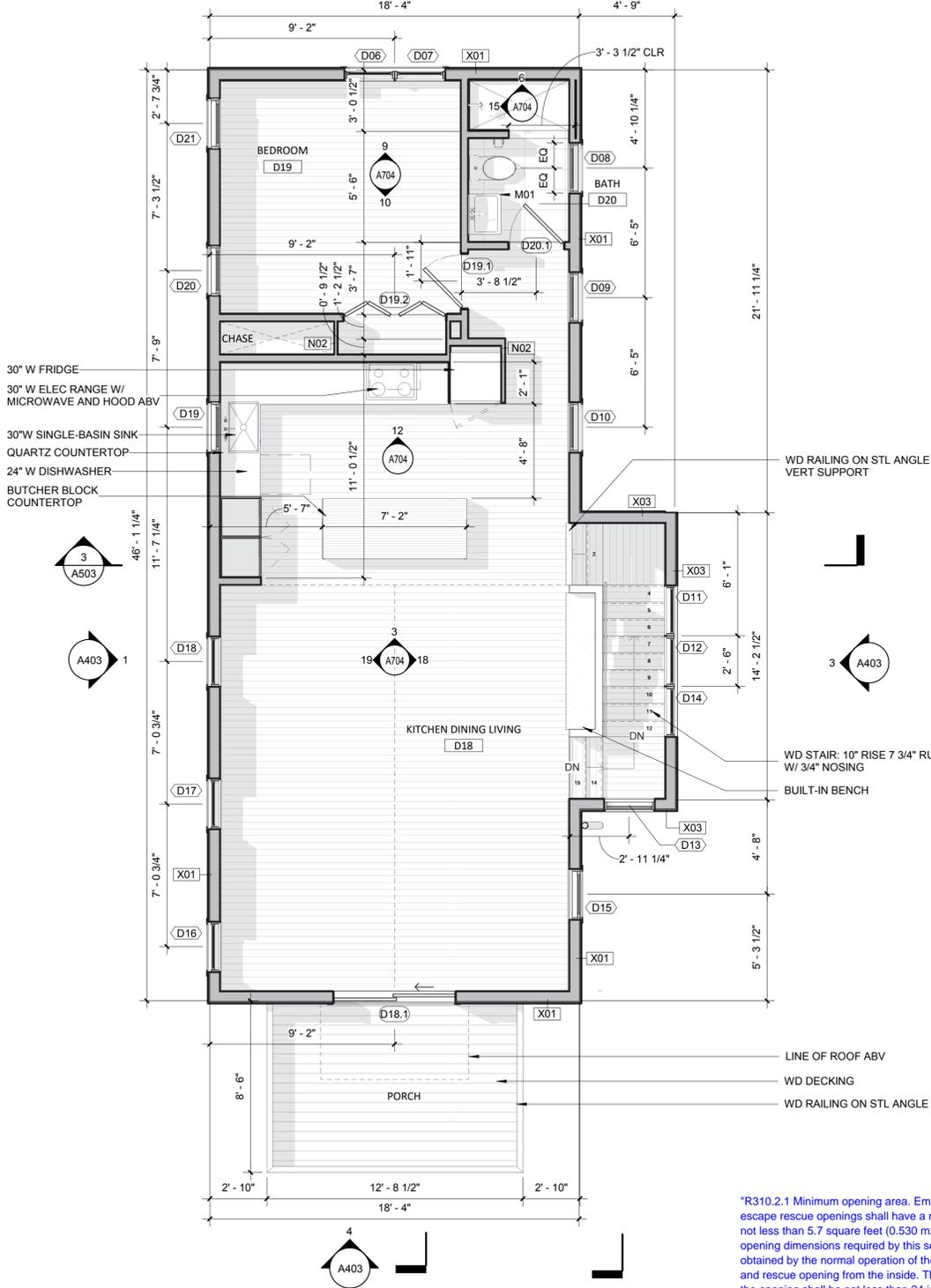
- N01: 2X6 WD FRAMING
- N02: 2X4 WD FRAMING ON THE FLAT

**FLOOR FINISH LEGEND**

- POLISHED CONC
- BAMBOO TONGUE AND GROOVE FLOORING
- STONE TILE

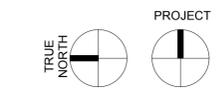


1 BLDG D - LVL 1 FLOOR PLAN  
SCALE: 1/4" = 1'-0"



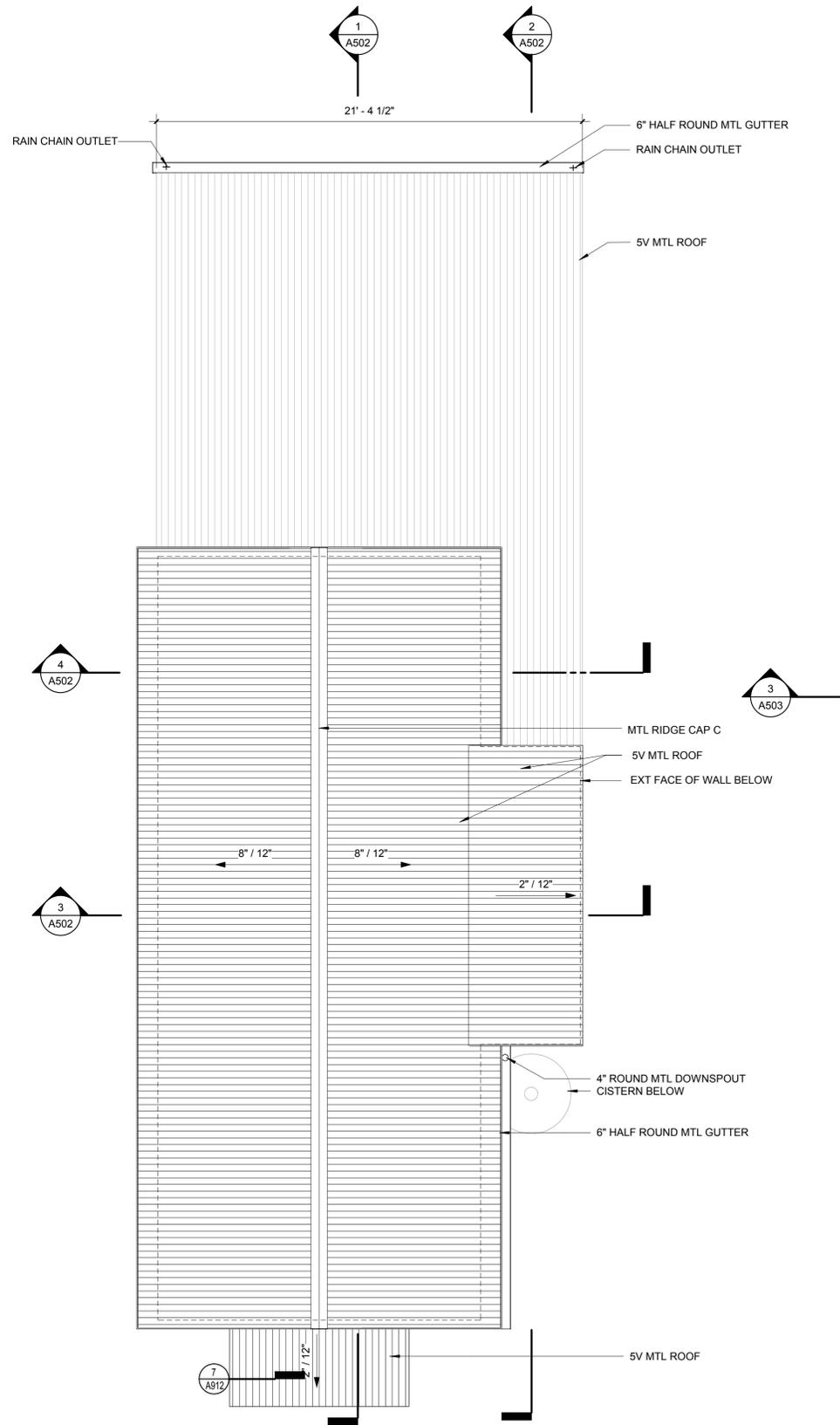
2 BLDG D- LVL 2 FLOOR PLAN  
SCALE: 1/4" = 1'-0"

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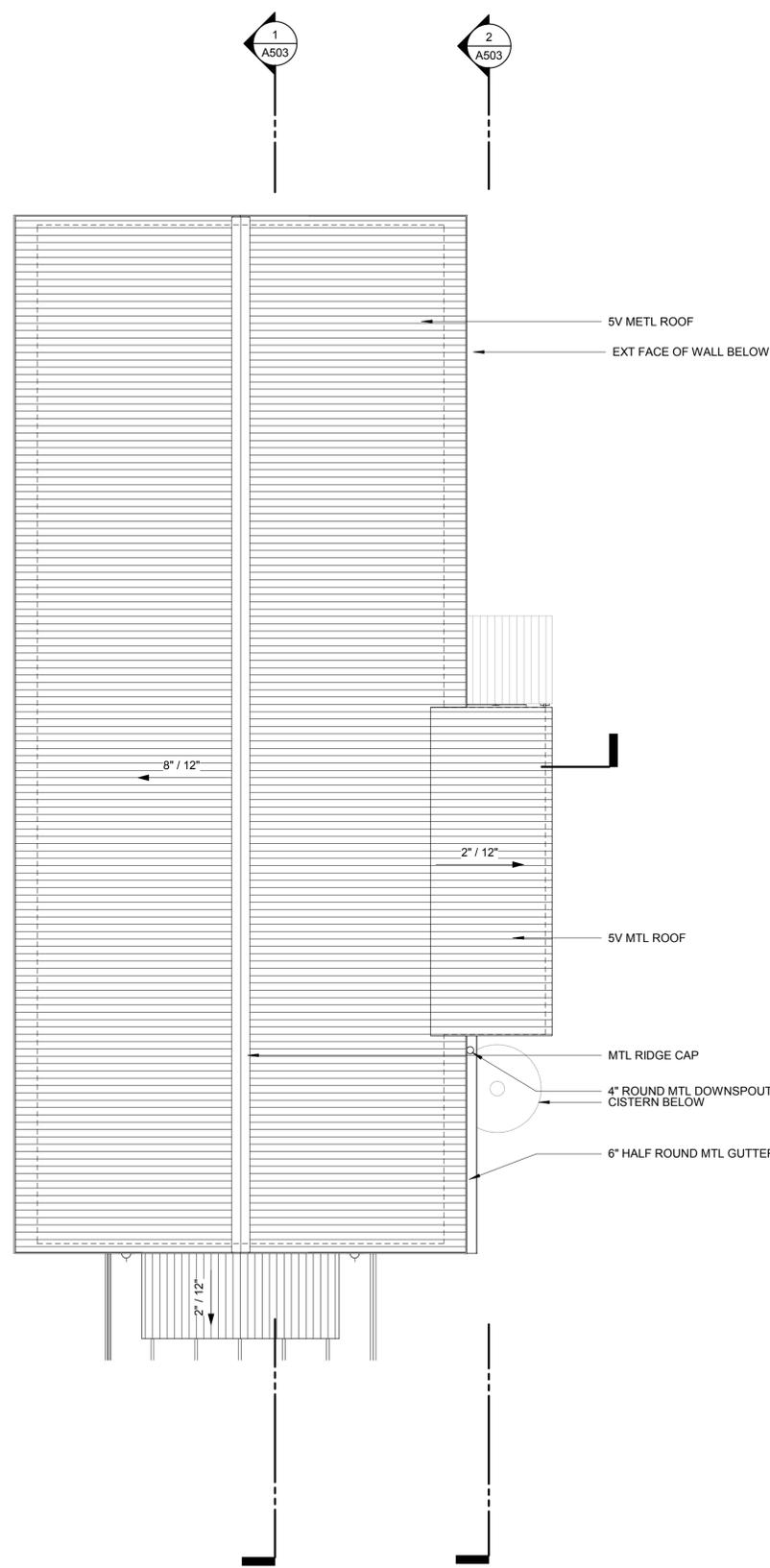


**ROOF PLAN NOTES**

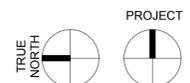
- 1 REFER TO MECHANICAL, PLUMBING AND ELECTRICAL FOR LOCATIONS OF PIPING, CURBS, VENTS, DUCTS, FANS, AND OTHER ITEMS ON THE ROOF SURFACE.
- 2 PAINT EXPOSED ROOF MOUNTED EQUIPMENT, PIPING, ETC., EXCEPT THOSE ITEMS WHICH ARE ALUMINUM OR STAINLESS STEEL COLORED AS SELECTED BY ARCHITECT.
- 3 ALL ROOF FLASHING TO BE ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- 4 ALL 2X6 ROOF FRAMING OVER CONDITIONED AREAS TO RECEIVE CLOSED CELL SPRAY FOAM INSUL. W/ MIN. R-VALUE OF 38



2 BLDG C & E - ROOF PLAN  
SCALE: 1/4" = 1'-0"



1 BLDG D - ROOF PLAN  
SCALE: 1/4" = 1'-0"



814 N  
OLIVE  
STREET

SAN ANTONIO TX 78202

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CONSTRUCTION  
DOCUMENTS

ROOF PLANS -  
814 N OLIVE -  
BLDG C, E, D

A241

**NOTE:**

BUILDING E WINDOW AND DOORS ARE IDENTICAL TO BLDG C WINDOW AND DOORS. ONLY BUILDING C WINDOWS AND DOORS ARE LISTED IN SCHEDULES FOR CLARITY.

WINDOW SCHEDULE									
BLDG	MARK	UNIT WIDTH	UNIT HEIGHT	Sill Height	TYPE	FRAME MATERIAL	GLAZING TYPE	COMMENTS	MARK
C&E	C01	2'-0"	5'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E		C01
C&E	C02	2'-0"	5'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E		C02
C&E	C03	2'-0"	6'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E		C03
C&E	C04	2'-0"	2'-0"	6'-0"	FIXED	FIBERGLASS	LOW-E		C04
C&E	C05	2'-0"	2'-0"	6'-0"	FIXED	FIBERGLASS	LOW-E		C05
C&E	C06	2'-0"	5'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E	MULLED UNIT	C06
C&E	C07	2'-0"	5'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E	MULLED UNIT	C07
C&E	C08	2'-0"	5'-0"	3'-5"	SINGLE HUNG	FIBERGLASS	LOW-E	MULLED UNIT	C08
C&E	C09	2'-0"	5'-0"	3'-5"	SINGLE HUNG	FIBERGLASS	LOW-E	MULLED UNIT	C09
C&E	C10	2'-0"	4'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E		C10
C&E	C11	2'-0"	4'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E		C11
C&E	C12	2'-0"	4'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E	MULLED UNIT	C12
C&E	C13	2'-0"	4'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E		C13
C&E	C14	2'-0"	4'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E		C14
C&E	C15	2'-0"	4'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E		C15
C&E	C16	2'-0"	4'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E		C16
C&E	C17	2'-0"	4'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E		C17
C&E	C18	2'-0"	4'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E		C18
C&E	C19	2'-0"	2'-0"	4'-0"	FIXED	FIBERGLASS	LOW-E	MULLED UNIT	C19
D	D01	2'-0"	2'-0"	2'-0"	AWNING	FIBERGLASS	LOW-E		D01
D	D02	2'-0"	2'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E		D02
D	D03	2'-0"	2'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E		D03
D	D04	2'-0"	2'-0"	6'-0"	FIXED	FIBERGLASS	LOW-E		D04
D	D05	2'-0"	2'-0"	6'-0"	FIXED	FIBERGLASS	LOW-E		D05
D	D06	2'-0"	2'-0"	2'-0"	SINGLE HUNG	FIBERGLASS	LOW-E	MULLED UNIT	D06
D	D07	2'-0"	2'-0"	2'-0"	SINGLE HUNG	FIBERGLASS	LOW-E	MULLED UNIT	D07
D	D08	2'-0"	2'-0"	4'-0"	AWNING	FIBERGLASS	LOW-E		D08
D	D09	2'-0"	2'-0"	4'-0"	AWNING	FIBERGLASS	LOW-E		D09
D	D10	2'-0"	2'-0"	4'-0"	AWNING	FIBERGLASS	LOW-E		D10
D	D11	2'-0"	4'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E	MULLED UNIT	D11
D	D12	2'-0"	4'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E	MULLED UNIT	D12
D	D13	2'-0"	2'-0"	4'-0"	FIXED	FIBERGLASS	LOW-E		D13
D	D14	2'-0"	4'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E	MULLED UNIT	D14
D	D15	2'-0"	2'-0"	4'-0"	AWNING	FIBERGLASS	LOW-E		D15
D	D16	2'-0"	4'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E		D16
D	D17	2'-0"	4'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E		D17
D	D18	2'-0"	4'-0"	3'-0"	SINGLE HUNG	FIBERGLASS	LOW-E		D18
D	D19	2'-0"	2'-0"	4'-6"	AWNING	FIBERGLASS	LOW-E		D19
D	D20	2'-0"	2'-0"	4'-6"	AWNING	FIBERGLASS	LOW-E		D20
D	D21	2'-0"	2'-0"	4'-6"	AWNING	FIBERGLASS	LOW-E		D21

DOOR SCHEDULE													
BUILDING	MARK	TYPE	SIZE			PANEL		DETAIL			GLASS TYPE	REMARKS	MARK
			WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	HEAD	JAMB	THRESHOLD			
C&E	C10.1	SWING	2'-8"	7'-0"	0'-1.34"	SC FLUSH	PTD						C10.1
C&E	C11.1	SWING	2'-8"	7'-0"	0'-1.34"	SC FLUSH	PTD						C11.1
C&E	C12.1	SWING	2'-10"	7'-0"	0'-1.34"	SC FLUSH	PTD						C12.1
C&E	C13.1	SWING	3'-0"	8'-0"	0'-1.34"	SOLID WOOD/ GLASS 4-LITE	STD				LOW E		C13.1
C&E	C13C.1	SWING	2'-6"	7'-0"	0'-1.34"	HC FLUSH	PTD						C13C.1
C&E	C14.1	SWING	2'-10"	7'-0"	0'-1.34"	SC FLUSH	PTD						C14.1
C&E	C14.2	POCKET	2'-10"	7'-0"	0'-1.34"	HC FLUSH	PTD						C14.2
C&E	C15.1	BIFOLD	6'-0"	7'-0"	0'-1.34"	HC FLUSH	PTD						C15.1
C&E	C16.1	SWING	2'-10"	7'-0"	0'-1.34"	HC FLUSH	PTD						C16.1
C&E	C17.1	SWING	2'-10"	7'-0"	0'-1.34"	HC FLUSH WD	PTD						C17.1
C&E	C17.2	SLIDER	6'-0"	8'-0"	0'-1.34"	FIBERGLASS/GLASS	FACTORY FINSH				LOW E		C17.2
C&E	C18.1	SLIDER	6'-0"	7'-0"	0'-1.34"	FIBERGLASS/GLASS	FACTORY FINSH				LOW E		C18.1
D	D10.1	SWING	2'-10"	7'-0"	0'-1.34"	SC FLUSH	PTD						D10.1
D	D11.1	SWING	3'-0"	8'-0"	0'-1.34"	SOLID WOOD/ GLASS 4-LITE ENTRY DOOR	STD				LOW E		D11.1
D	D11.2	POCKET	2'-10"	7'-0"	0'-1.34"	SC FLUSH	PTD						D11.2
D	D12.1	SWING	2'-10"	7'-0"	0'-1.34"	SC FLUSH	PTD						D12.1
D	D12.2	SWING	2'-10"	7'-0"	0'-1.34"	SC FLUSH	PTD						D12.2
D	D14.1	BIFOLD	7'-0"	7'-0"	0'-1.34"	HC FLUSH	PTD						D14.1
D	D16.1	SWING	2'-10"	7'-0"	0'-1.34"	SC FLUSH	CORRUGATED MTL SIDING						D16.1
D	D17.1	SLIDER	6'-0"	8'-0"	0'-1.34"	FIBERGLASS/GLASS	FACTORY FINSH				LOW E		D17.1
D	D18.1	SLIDER	6'-0"	7'-0"	0'-1.34"	FIBERGLASS/GLASS	FACTORY FINSH				LOW E		D18.1
D	D19.1	SWING	2'-8"	7'-0"	0'-1.34"	SC FLUSH	PTD						D19.1
D	D19.2	BIFOLD	6'-0"	7'-0"	0'-1.34"	HC FLUSH WD	PTD						D19.2
D	D20.1	SWING	2'-8"	7'-0"	0'-1.34"	SC FLUSH	PTD						D20.1

BATHROOM VANITY SCHEDULE	
Mark	Model
M01	IKEA: G ODMOR GGN/ ODENSVIK 898.843.37
M02	IKEA: G ODMOR GGN/ ODENSVIK 891.854.77
M03	IKEA: G ODMOR GGN/ ODENSVIK 191.854.66

**WINDOWS & DOOR NOTES**

1. PROVIDED TEMPERED LITES WHERE REQUIRED FOR SAFETY ACCORDING TO CODE.
2. ALL FIBERGLASS WINDOWS SHALL BE PELLA IMPERVIA SERIES.
3. ALL FIBERGLASS CLAD WOOD WINDOWS SHALL BE PELLA 450 SERIES WITH PINE INTERIOR FINISH.
4. PROVIDE EQUAL SIM. DIVIDED LITES WITH SPACER PER EXTERIOR ELEVATIONS.
5. WINDOW AND DOOR SCHEDULES ARE NOT TO BE CONSIDERED AN ORDER FORM. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL WINDOWS TO BE REVIEWED BY ARCHITECT PRIOR TO FABRICATION.
6. VERIFY ALL DIMENSIONS IN FIELD.
7. BLDG E WINDOWS ARE NOT INCLUDED IN SCHEDULE. BLDG E TO RECEIVE IDENTICAL WINDOWS TO BLDG C.
8. REFER TO DETAILS FOR TYP HEAD, JAMB, SILL AND THRESHOLD.

814 N OLIVE STREET

SAN ANTONIO TX 78202

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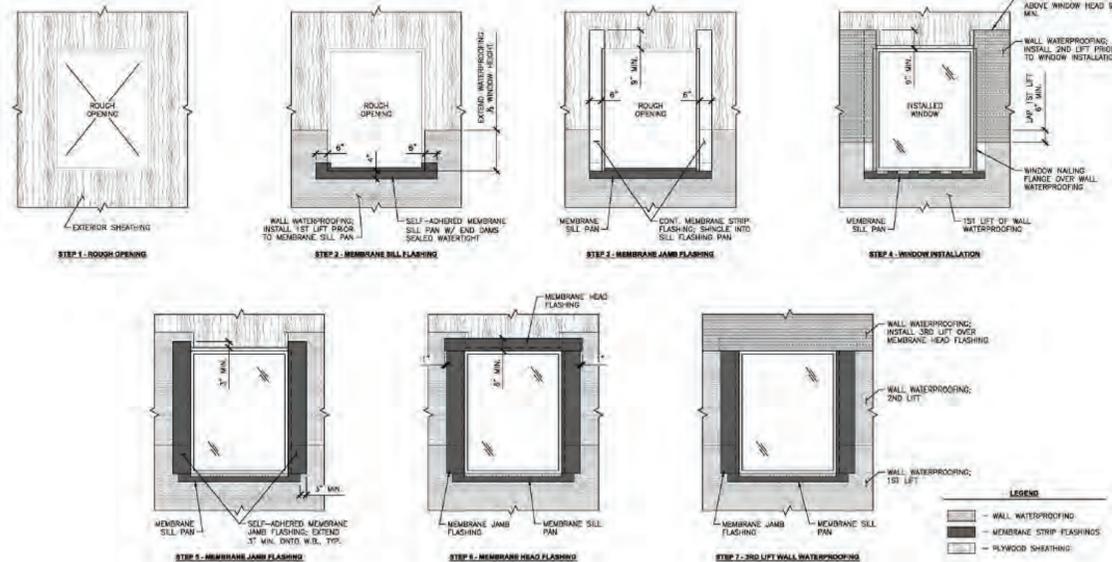
Zambranowitz (LID Design)

SET ISSUE DATES

02.13.2018	-DCR Schematic Approval
07.16.2018	-DCR Final Approval
10.31.2018	Construction Documents for Bldg.

CONSTRUCTION DOCUMENTS

WINDOW, DOOR & MILLWORK SCHEDULE - 814 N OLIVE - BLDG C, D, E **A260**



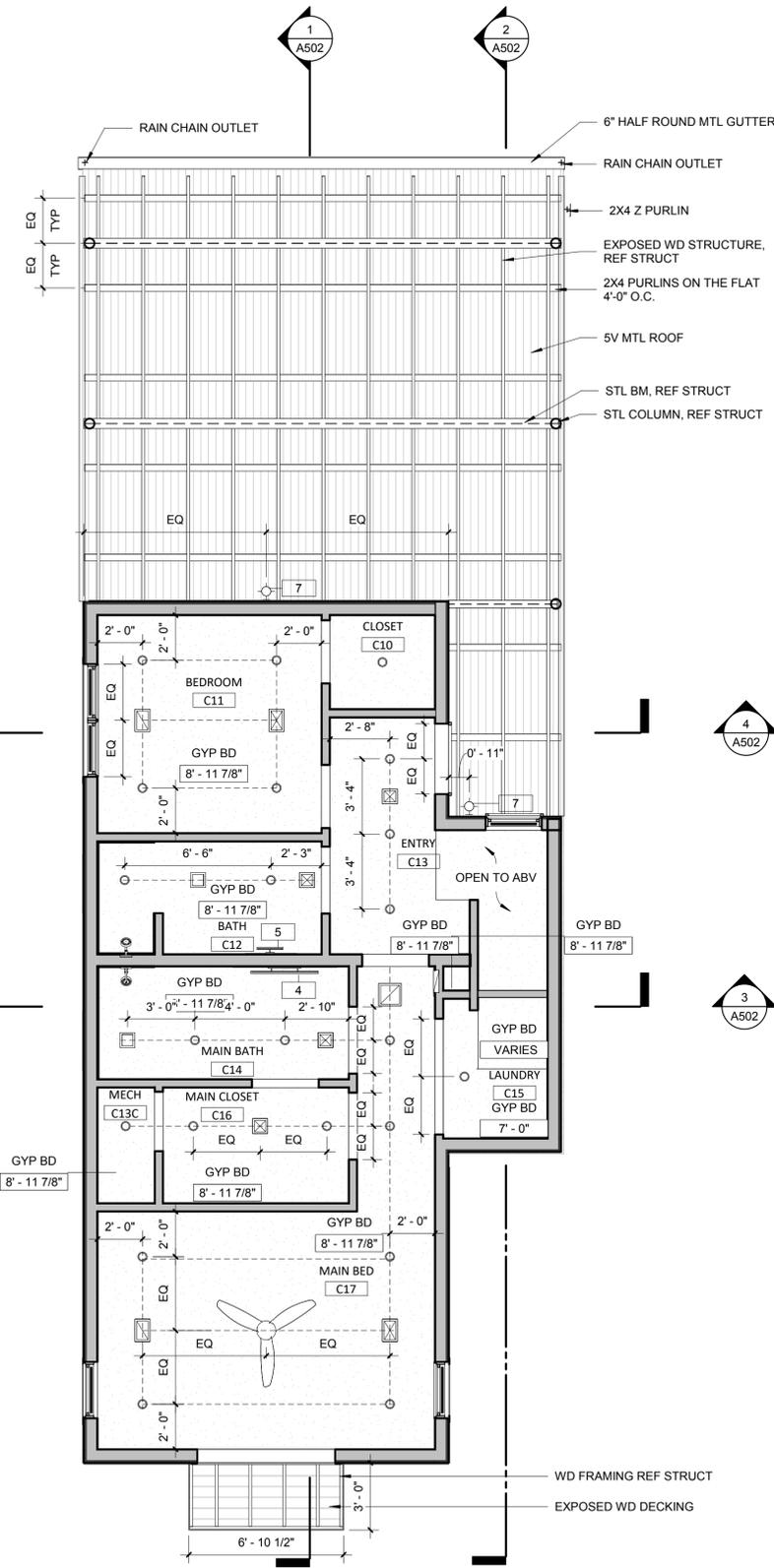
TYP. WINDOW FLASHING INSTRUCTIONS

**REFLECTED CEILING PLAN NOTES**

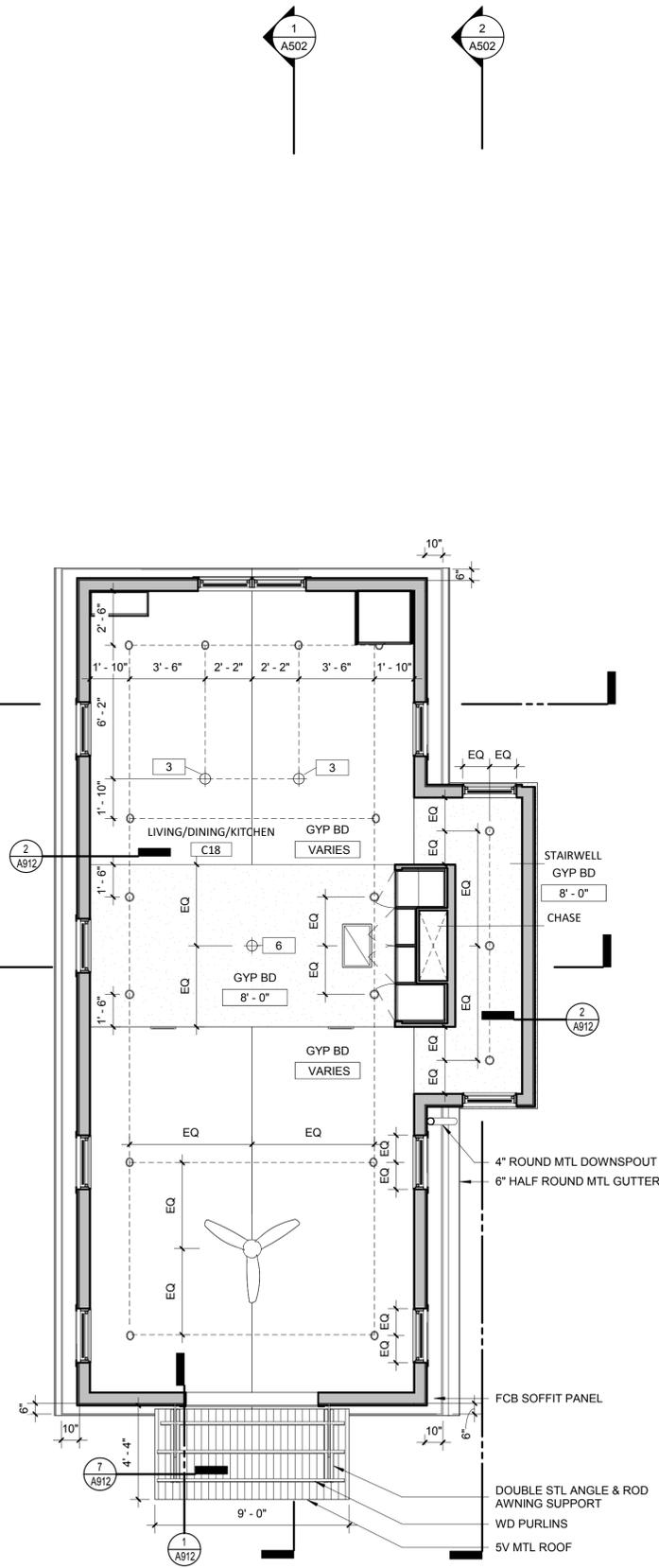
- 1 DIMENSIONS ON REFLECTED CEILING PLANS ARE TO FACE OF FINISH, UNLESS NOTED OTHERWISE.
- 2 REFER TO SPECS FOR FIXTURE TYPE DESCRIPTIONS AND ALLOWANCES
- 3 THE CONTRACTOR SHALL COMPARE THIS REFLECTED CEILING PLAN WITH ELECTRICAL LIGHTING PLANS, MECHANICAL SUPPLY, RETURN, AND EXHAUST PLANS. THE CONTRACTOR SHALL REPORT ANY OMISSIONS OR INCONSISTENCIES TO THE ARCHITECT.
- 4 RELOCATE SUPPLY DRAIN AND VENT PIPES TO MAINTAIN SCHEDULED CEILING HEIGHTS. COORDINATE RELOCATIONS WITH MEP ENGINEERS.
- 5 DASHED LINE ON CEILING PLANS INDICATES FIXTURE ALIGNMENT
- 6 MECHANICAL GRILLE LOCATIONS AND SIZES ARE FOR DIAGRAMMATIC PURPOSES ONLY
- 7 REFER TO INTERIOR ELEVATIONS FOR WALL MOUNT SUPPLY AND RETURN GRILLE LOCATIONS
- 8 ALL CEILINGS TO BE 5/8" GYP BD UNLESS OTHERWISE NOTED. USE WATER RESISTANT TYPE AT ALL BATHROOMS.

**MECH & ELEC SYMBOLS**

-  SUPPLY GRILLE
-  RETURN GRILLE
-  EXHAUST FAN
-  ACCESS PANEL, PAINT TO MATCH CEILING U.N.O.
-  ALIGN
-  RECESSED CEILING FIXTURE, REF. SPECS
-  PENDANT FIXTURE, REF. SPECS
-  WALL SCONCE, REF. ELEVATIONS & SPECS
-  CEILING FAN, REF. SPECS



1 BLDG C & E - LVL 1 RCP  
 SCALE: 1/4" = 1'-0"



2 BLDG C & E - LVL 2 RCP  
 SCALE: 1/4" = 1'-0"

814 N OLIVE STREET

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Zambranowitz (LID Design)  
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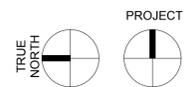
**SET ISSUE DATES**

02.13.2018 HDRC Schematic Approval  
 07.18.2018 HDRC Final Approval  
 10.31.2018 Construction Documents for Bidding

**CONSTRUCTION DOCUMENTS**

RCP - 814 N OLIVE - BLDG C & E

A302

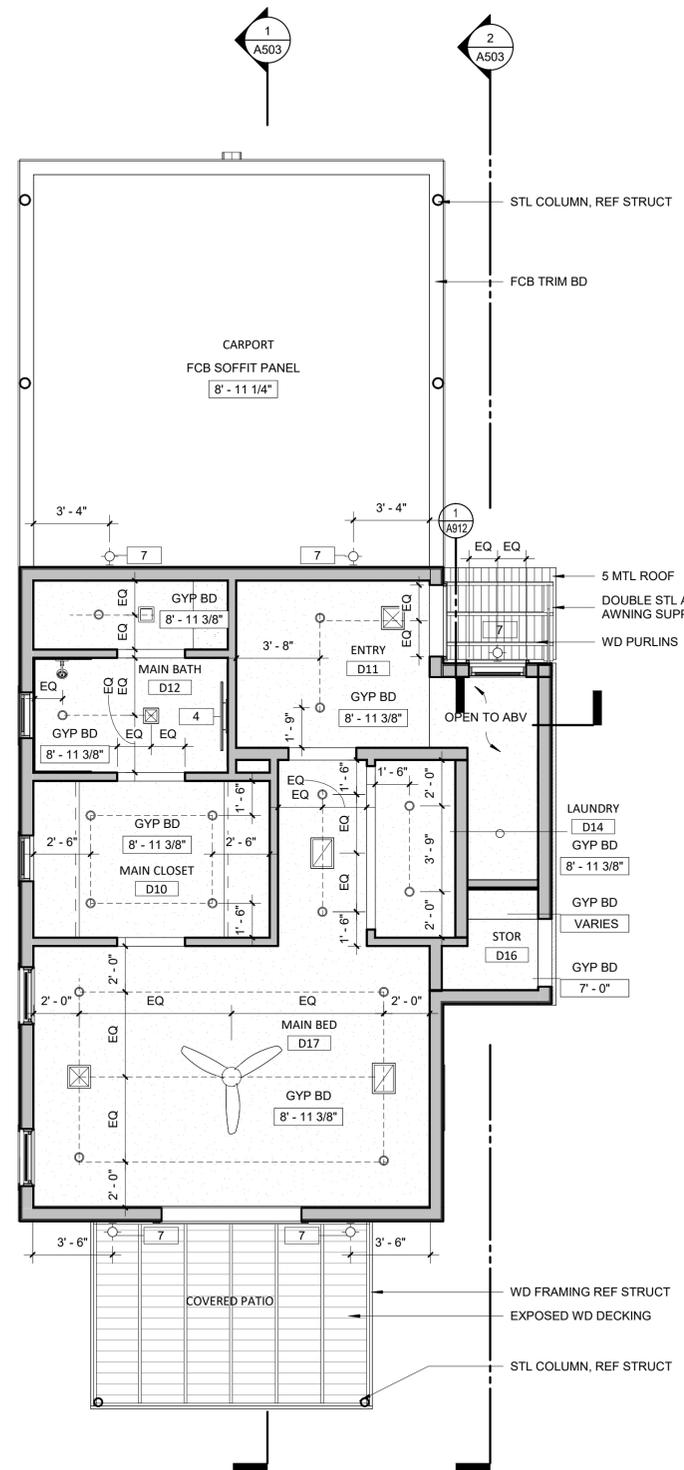


**REFLECTED CEILING PLAN NOTES**

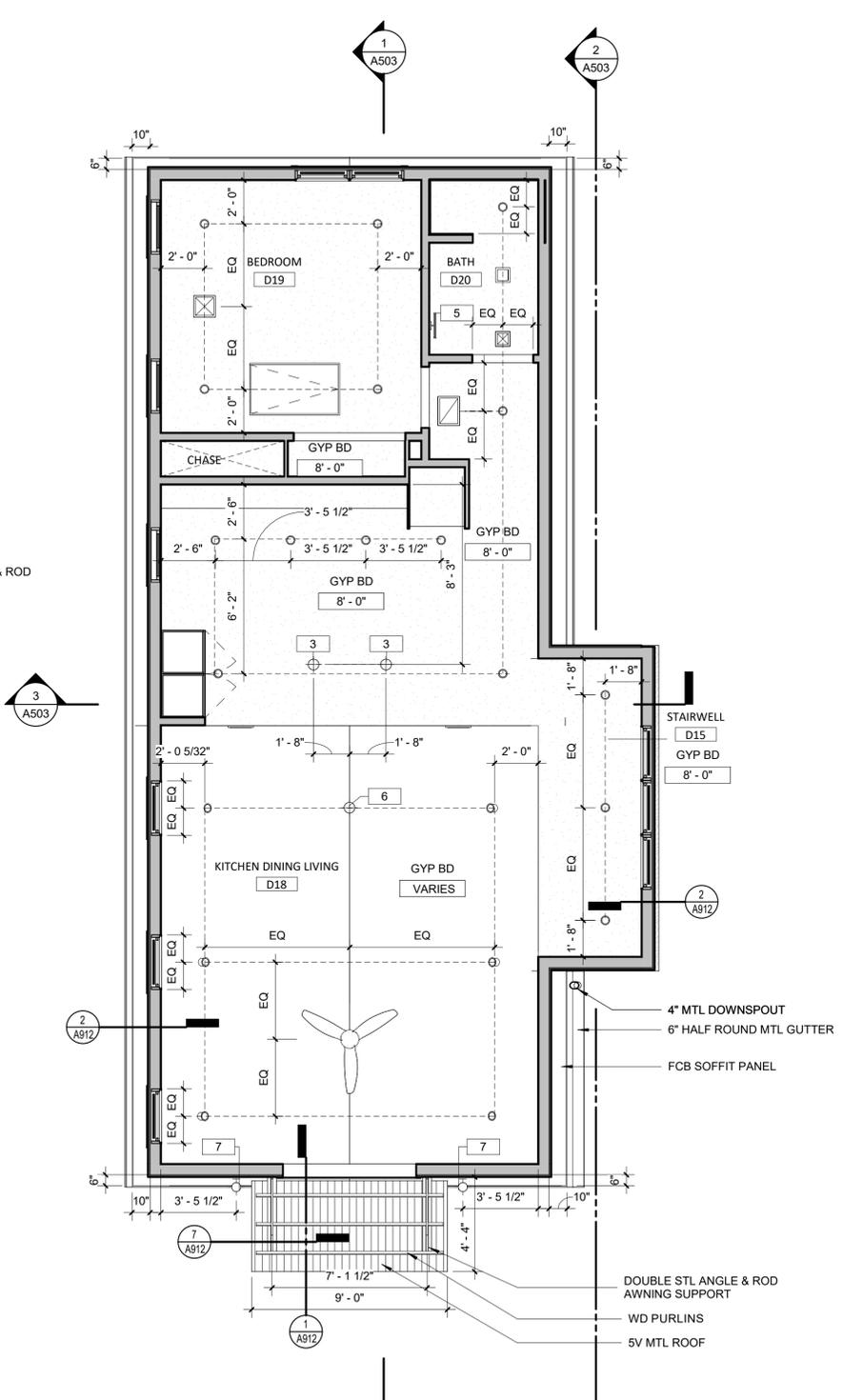
- 1 DIMENSIONS ON REFLECTED CEILING PLANS ARE TO FACE OF FINISH, UNLESS NOTED OTHERWISE.
- 2 REFER TO SPECS FOR FIXTURE TYPE DESCRIPTIONS AND ALLOWANCES
- 3 THE CONTRACTOR SHALL COMPARE THIS REFLECTED CEILING PLAN WITH ELECTRICAL LIGHTING PLANS, MECHANICAL SUPPLY, RETURN, AND EXHAUST PLANS. THE CONTRACTOR SHALL REPORT ANY OMISSIONS OR INCONSISTENCIES TO THE ARCHITECT.
- 4 RELOCATE SUPPLY DRAIN AND VENT PIPES TO MAINTAIN SCHEDULED CEILING HEIGHTS. COORDINATE RELOCATIONS WITH MEP ENGINEERS.
- 5 DASHED LINE ON CEILING PLANS INDICATES FIXTURE ALIGNMENT
- 6 MECHANICAL GRILLE LOCATIONS AND SIZES ARE FOR DIAGRAMMATIC PURPOSES ONLY
- 7 REFER TO INTERIOR ELEVATIONS FOR WALL MOUNT SUPPLY AND RETURN GRILLE LOCATIONS
- 8 ALL CEILINGS TO BE 5/8" GYP BD UNLESS OTHERWISE NOTED. USE WATER RESISTANT TYPE AT ALL BATHROOMS.

**MECH & ELEC SYMBOLS**

-  SUPPLY GRILLE
-  RETURN GRILLE
-  EXHAUST FAN
-  ACCESS PANEL, PAINT TO MATCH CEILING U.N.O.
-  ALIGN CENTER OF FIXTURE OR GRILLE
-  RECESSED CEILING FIXTURE, REF. SPECS
-  PENDANT FIXTURE, REF. SPECS
-  WALL SCONCE, REF. ELEVATIONS & SPECS
-  CEILING FAN, REF. SPECS



1 BLDG D - LVL 1 RCP  
 SCALE: 1/4" = 1'-0"



2 BLDG D - LVL 2 RCP  
 SCALE: 1/4" = 1'-0"

814 N OLIVE STREET

SAN ANTONIO TX 78202

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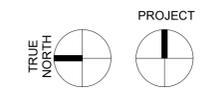
**SET ISSUE DATES**

02.13.2018	HDRC Schematic Approval
07.18.2018	HDRC Final Approval
10.31.2018	Construction Documents for Bidding

**CONSTRUCTION DOCUMENTS**

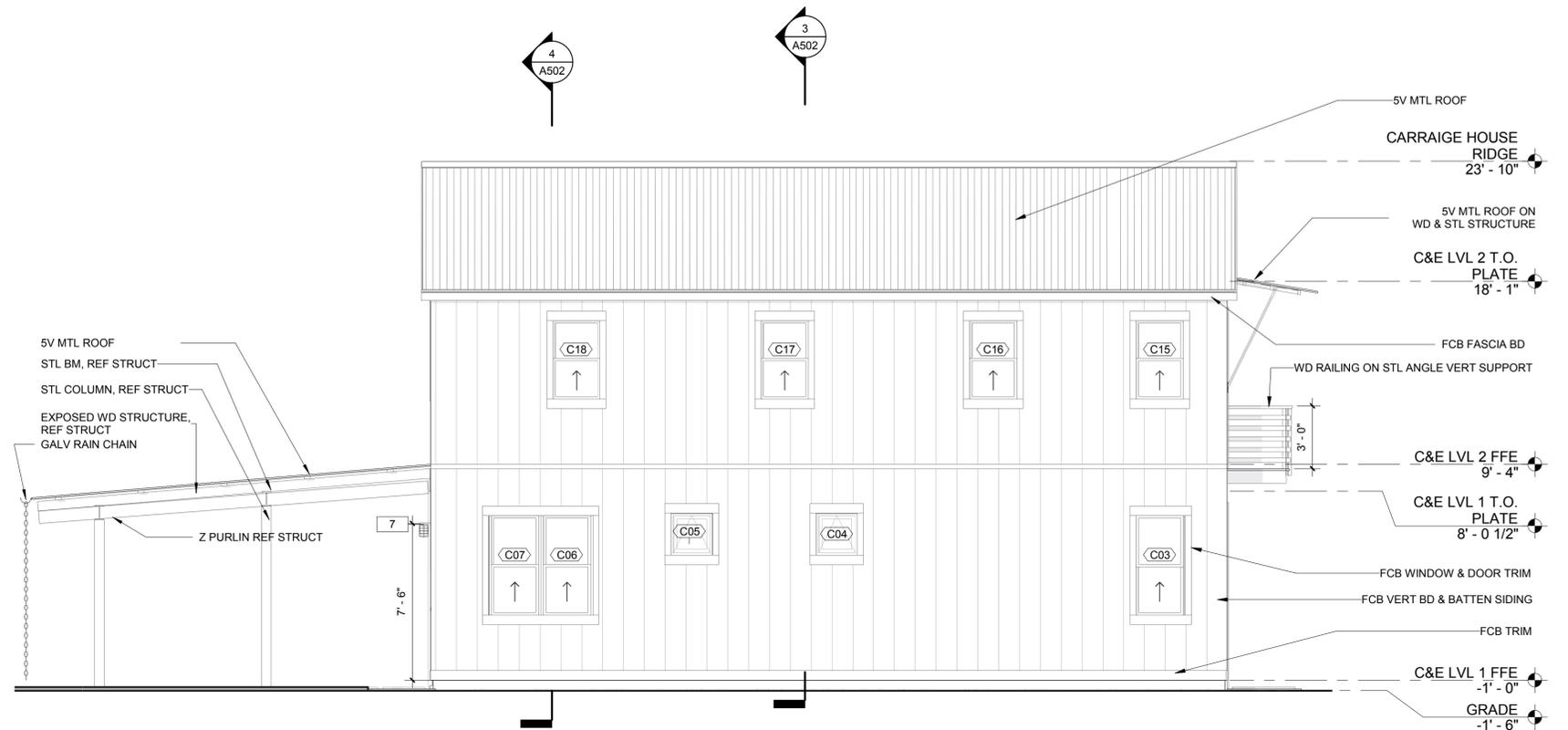
RCP - 814 N OLIVE - BLDG D

A303

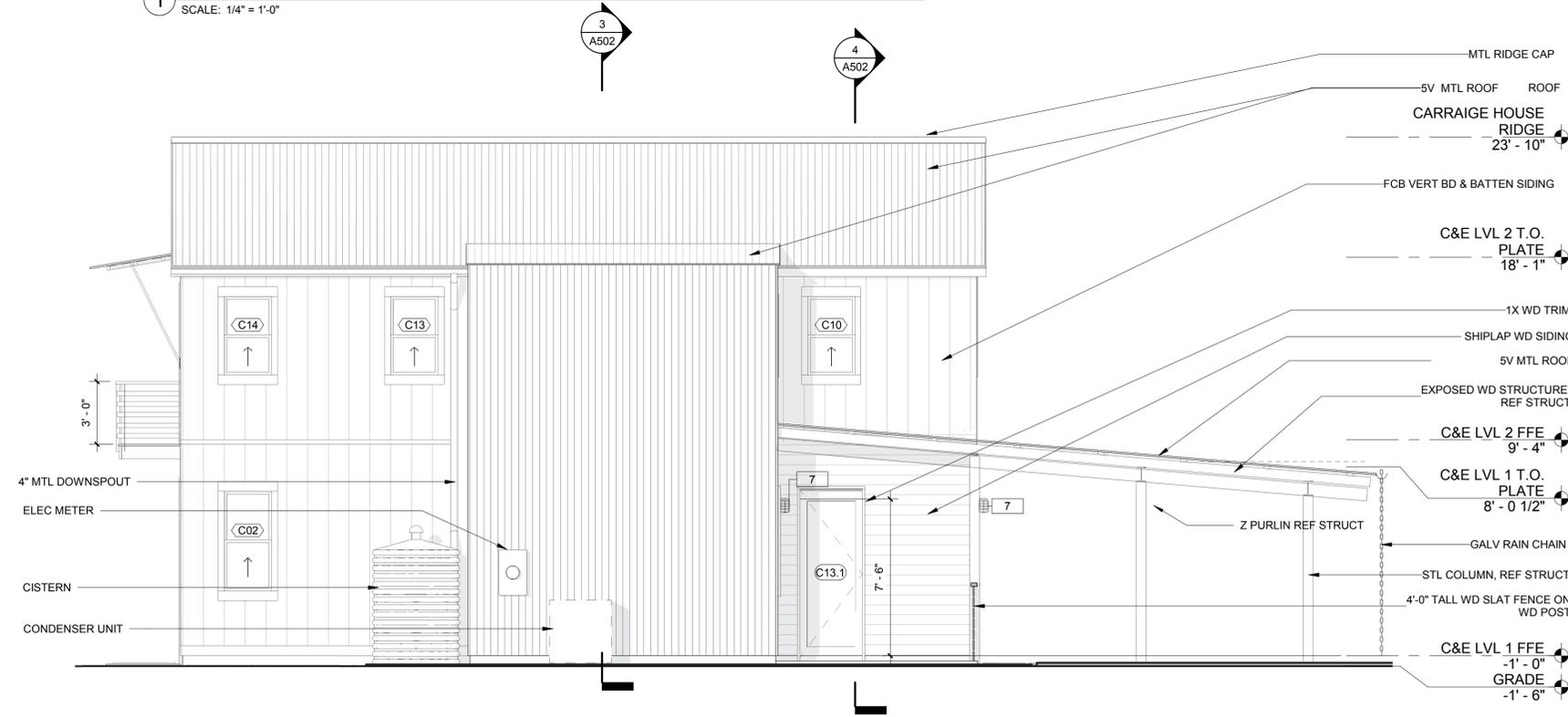


**ELEVATION NOTES**

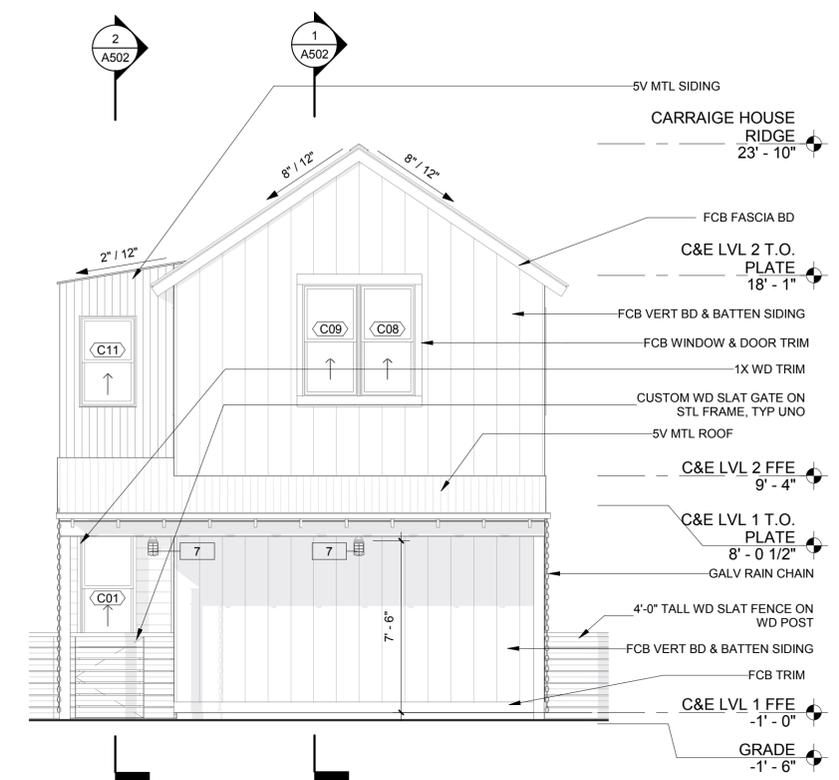
- 1 REF. CIVIL FOR GRADE ELEVATIONS
- 2 REF. WINDOW & DOOR SCHEDULE FOR HEAD & SILL HEIGHTS
- 3 REF. ELEC PLANS FOR LIGHTING FIXTURE TYPES



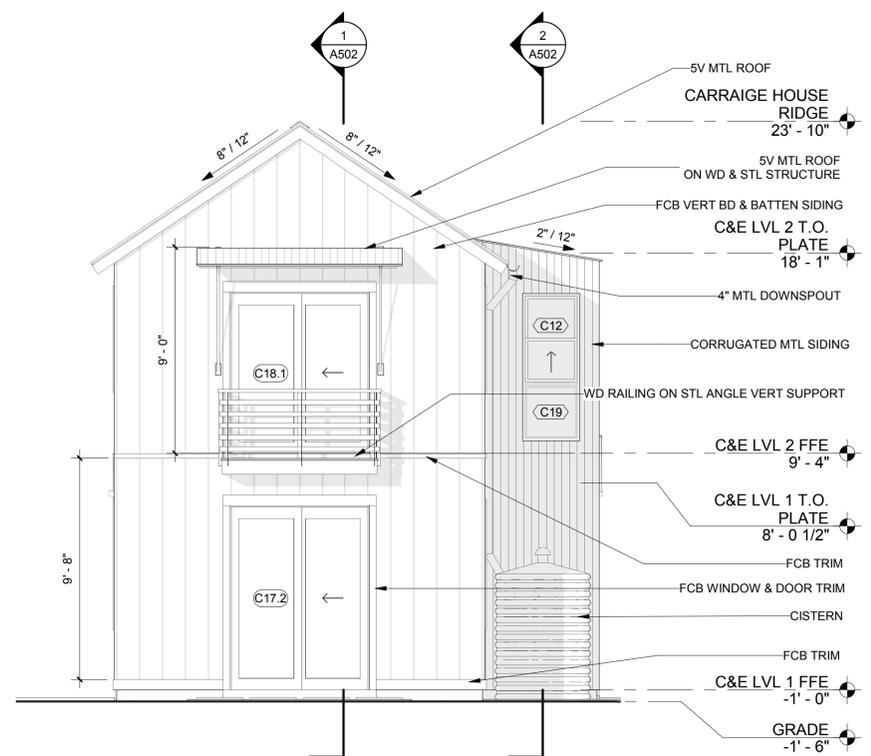
1 BLDG C & E - NORTH  
SCALE: 1/4" = 1'-0"



3 BLDG C & E - SOUTH  
SCALE: 1/4" = 1'-0"



2 BLDG C & E - EAST  
SCALE: 1/4" = 1'-0"



4 BLDG C & E - WEST  
SCALE: 1/4" = 1'-0"

814 N  
OLIVE  
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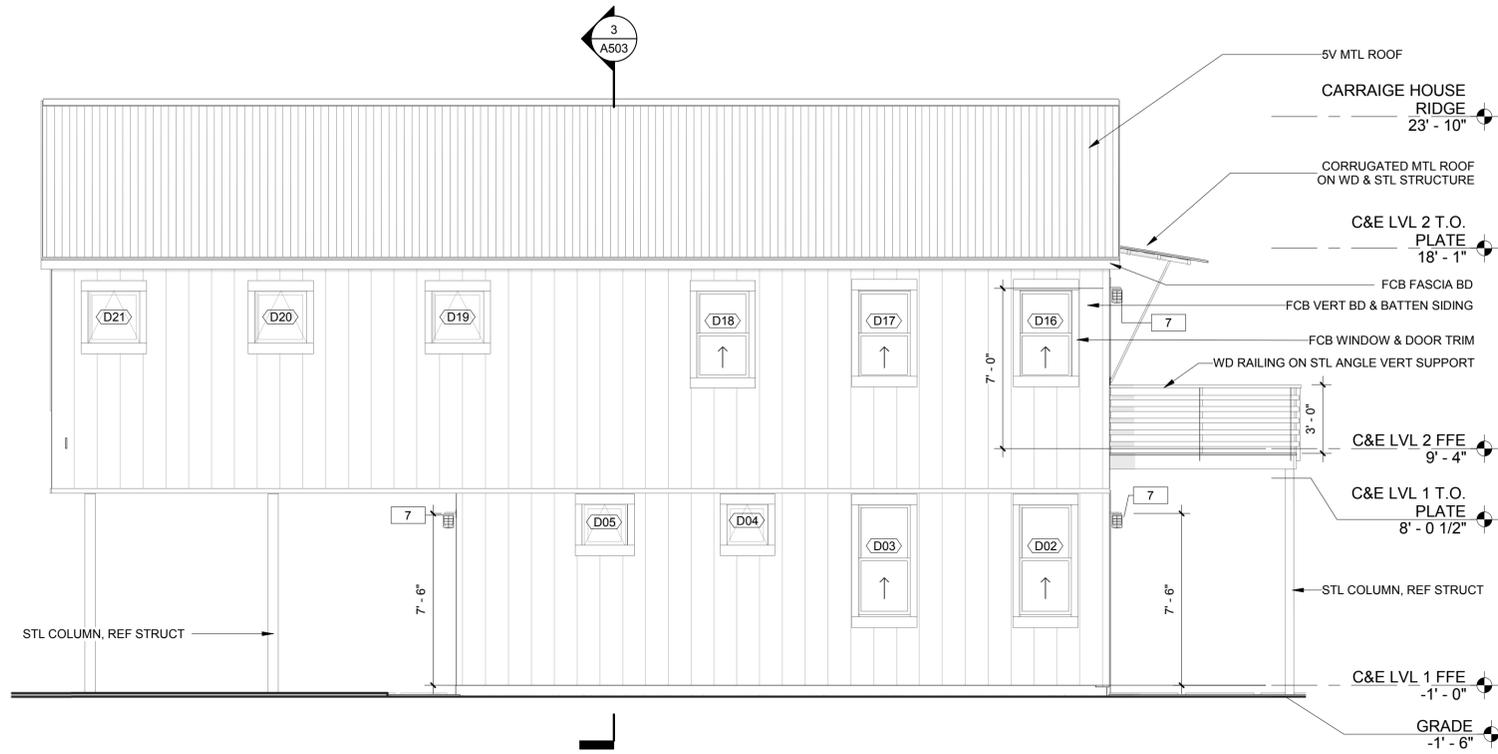
**CONSTRUCTION DOCUMENTS**

EXT  
ELEVATIONS -  
814 N OLIVE -  
BLDG C&E

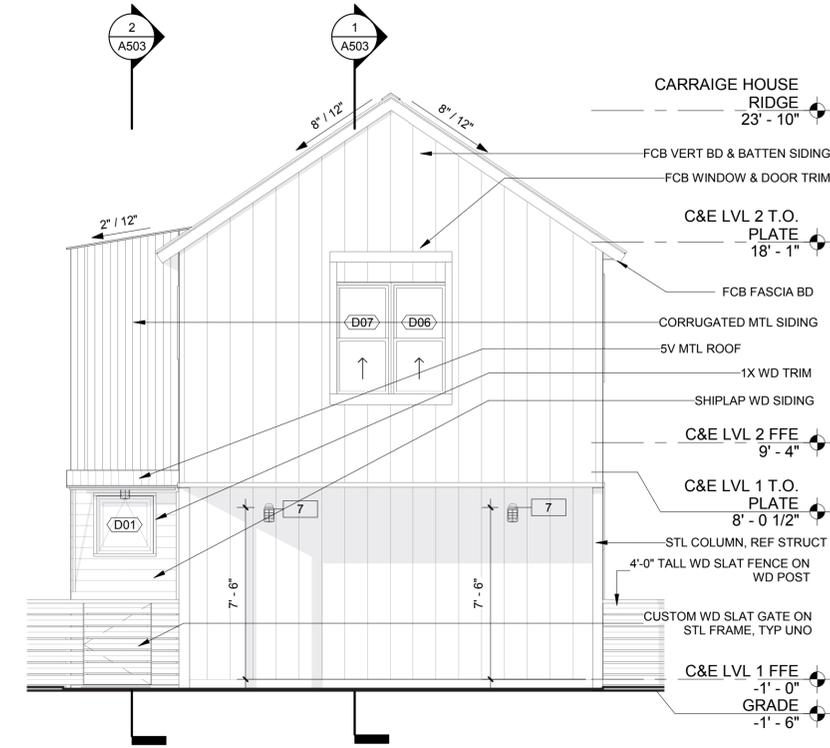
A402

**ELEVATION NOTES**

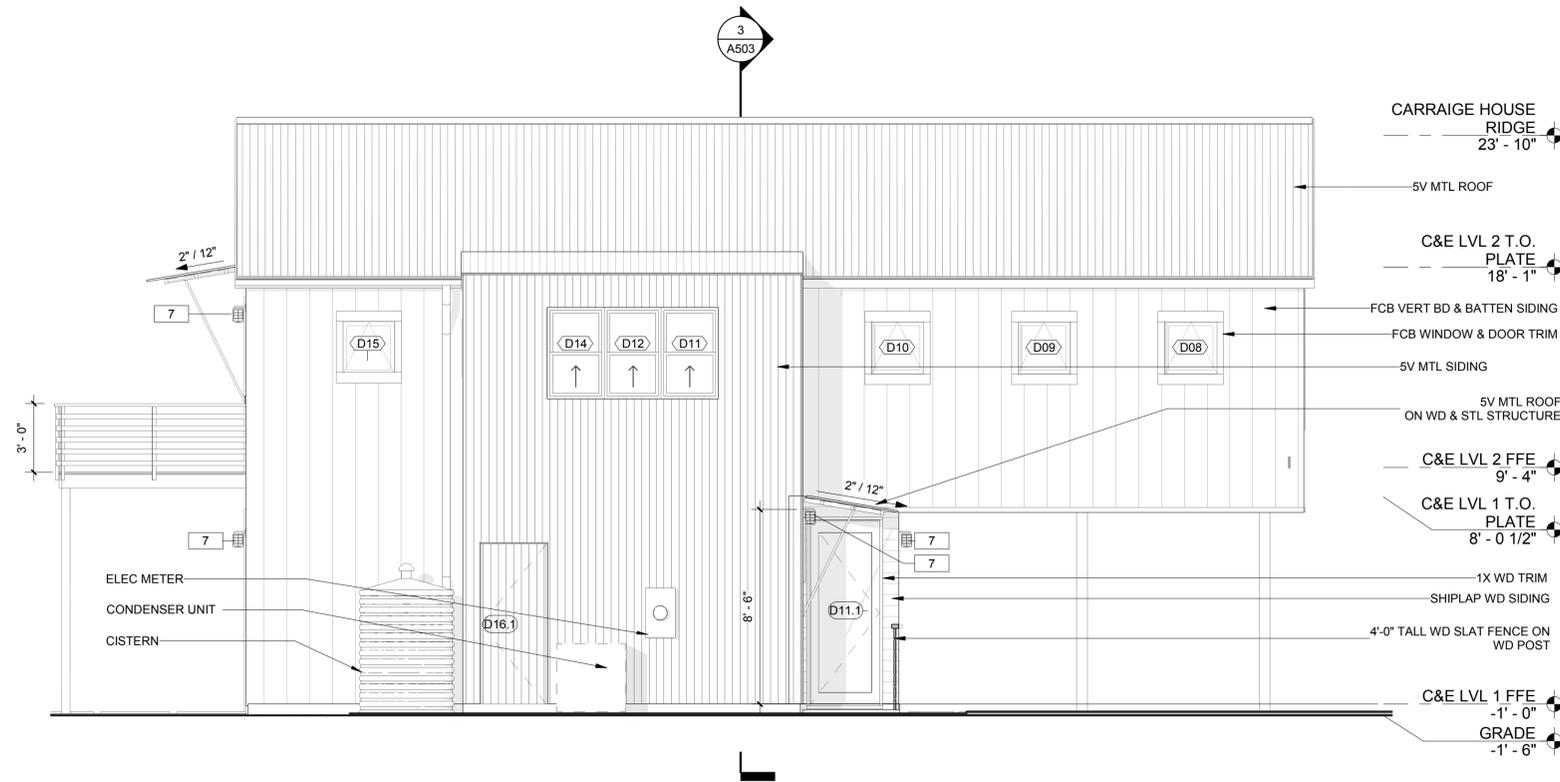
- 1 REF. CIVIL FOR GRADE ELEVATIONS
- 2 REF. WINDOW & DOOR SCHEDULE FOR HEAD & SILL HEIGHTS
- 3 REF. ELEC PLANS FOR LIGHTING FIXTURE TYPES



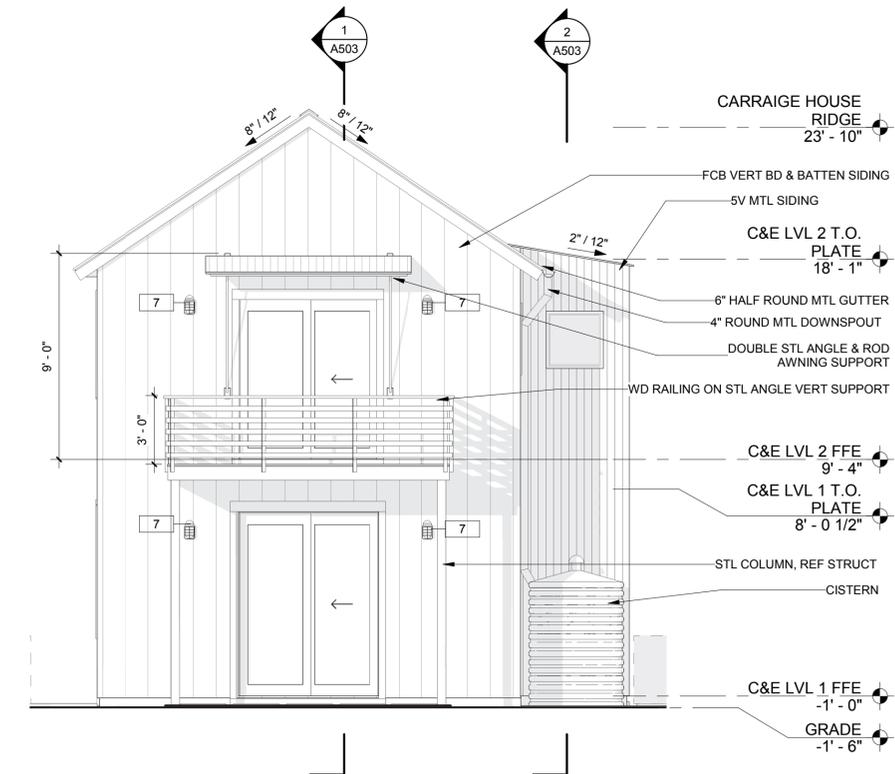
1 CARRAIGE HOUSE 2 - NORTH  
SCALE: 1/4" = 1'-0"



2 CARRAIGE HOUSE 2 - EAST  
SCALE: 1/4" = 1'-0"



3 CARRAIGE HOUSE 2 - SOUTH  
SCALE: 1/4" = 1'-0"



4 CARRAIGE HOUSE 2 - WEST  
SCALE: 1/4" = 1'-0"

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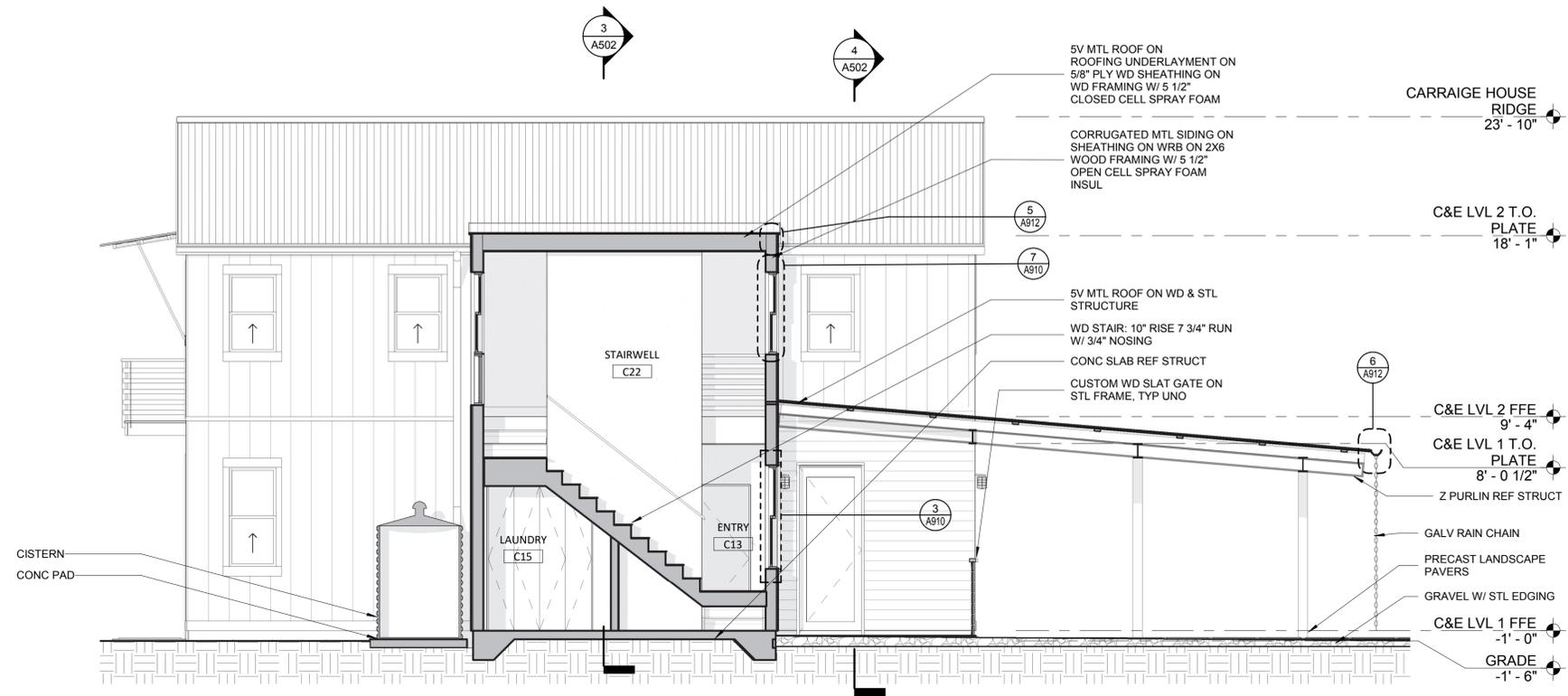
**CONSTRUCTION DOCUMENTS**

EXT  
ELEVATIONS -  
814 N OLIVE -  
BLDG D

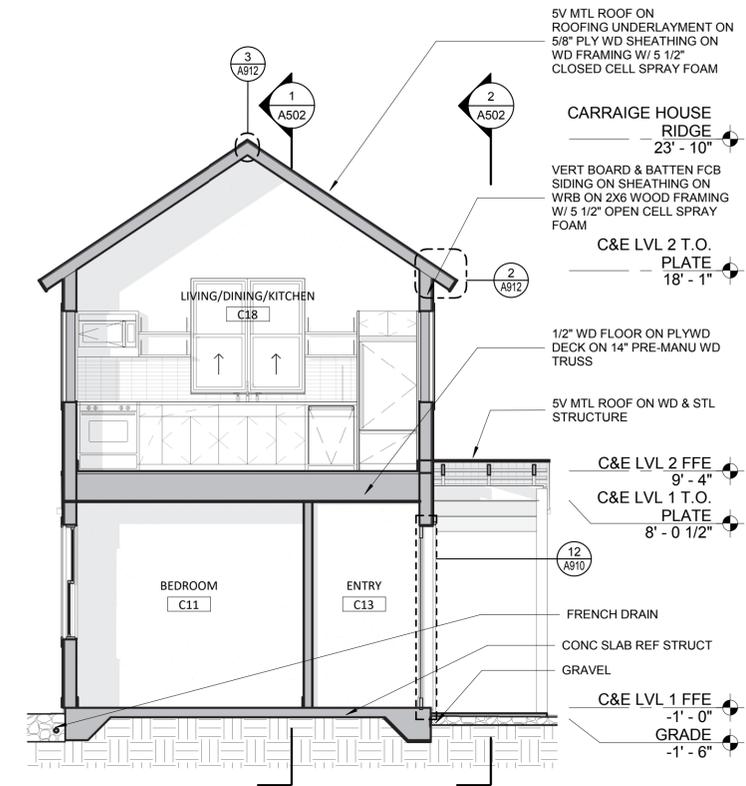
A403

**BUILDING SECTION NOTES**

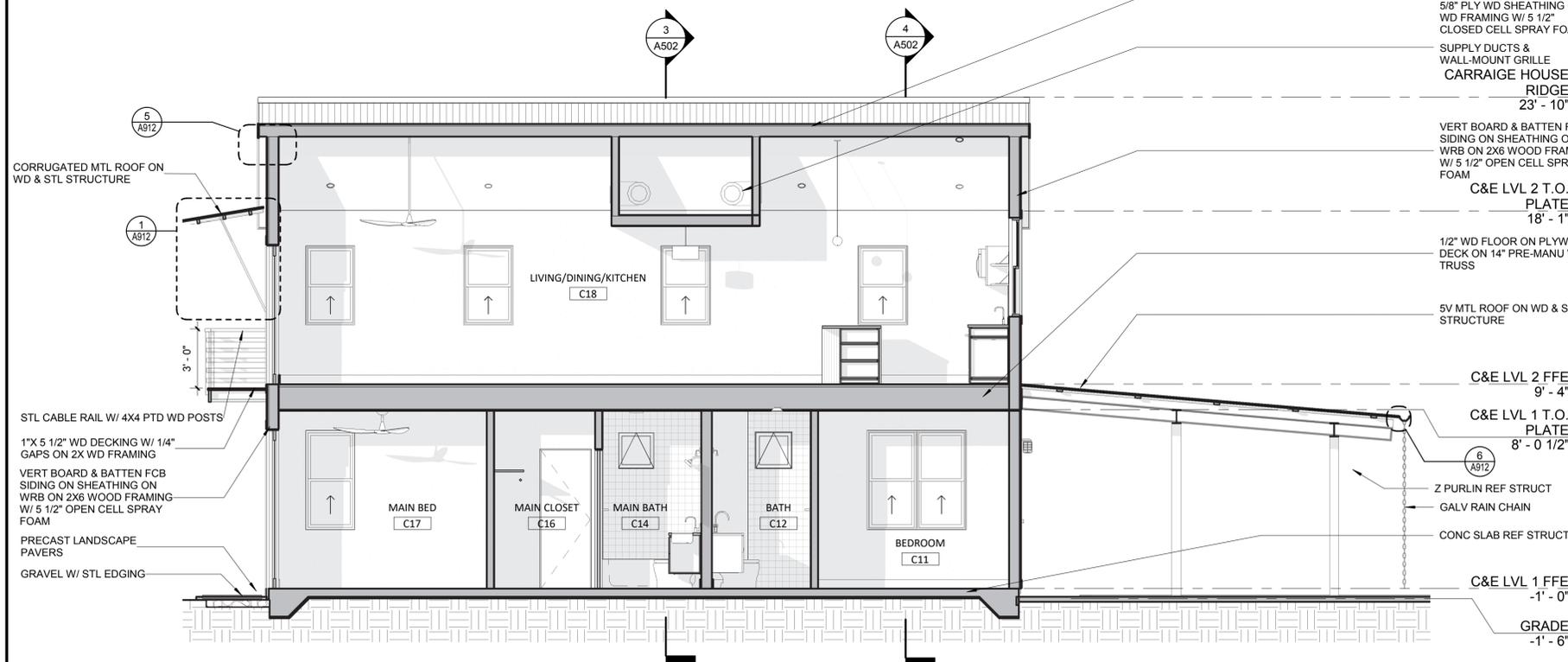
- 1 REFERENCE INTERIOR ELEVATIONS FOR INTERIOR FINISHES
- 2 REFERENCE CIVIL DRAWINGS FOR GRADE ELEVATIONS
- 3 ALL FINISH GRADES TO SLOPE AWAY FROM FOUNDATION
- 4 REFERENCE PLANS FOR WALL TYPES



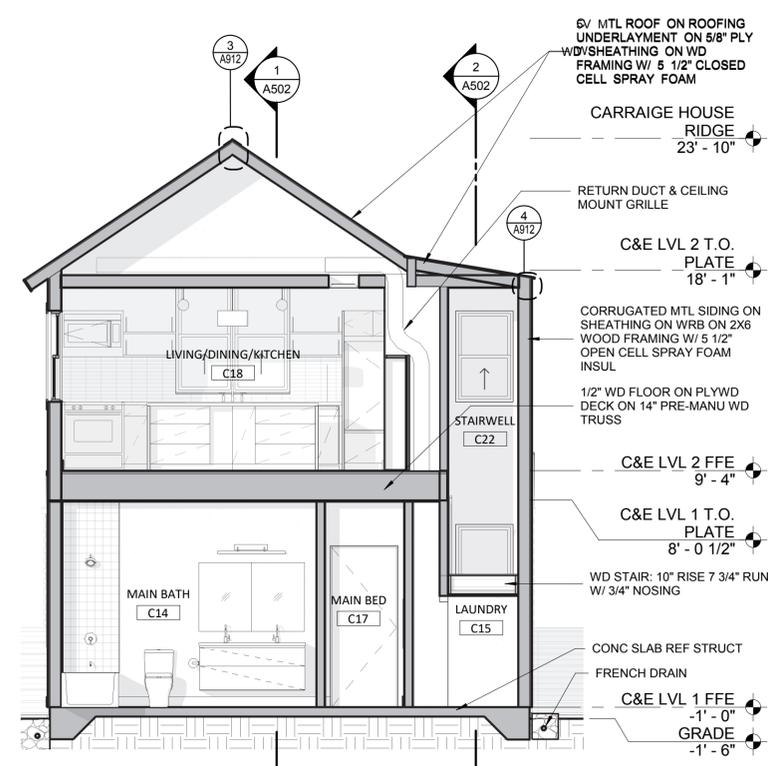
2 BLDG C & E - LOOKING WEST 2  
SCALE: 1/4" = 1'-0"



4 BLDG C & E - LOOKING NORTH 1  
SCALE: 1/4" = 1'-0"



1 BLDG C & E - LOOKING WEST 1  
SCALE: 1/4" = 1'-0"



3 BLDG C & E - LOOKING NORTH  
SCALE: 1/4" = 1'-0"

814 N  
OLIVE  
STREET

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**SET ISSUE DATES**

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10.31.2018 Construction Documents for Bidding

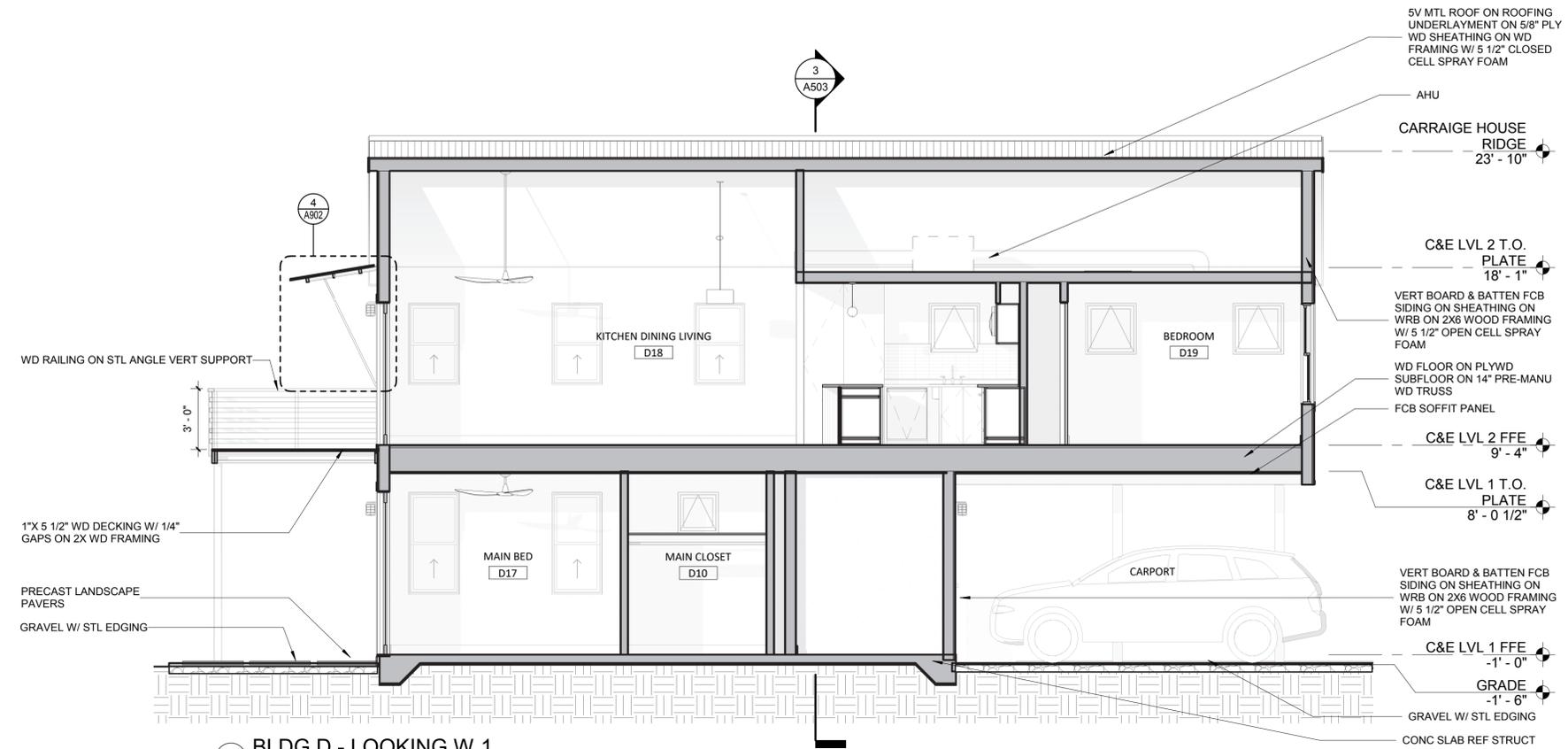
**CONSTRUCTION DOCUMENTS**

**BUILDING SECTIONS - 814 N OLIVE - BLDG C & E**

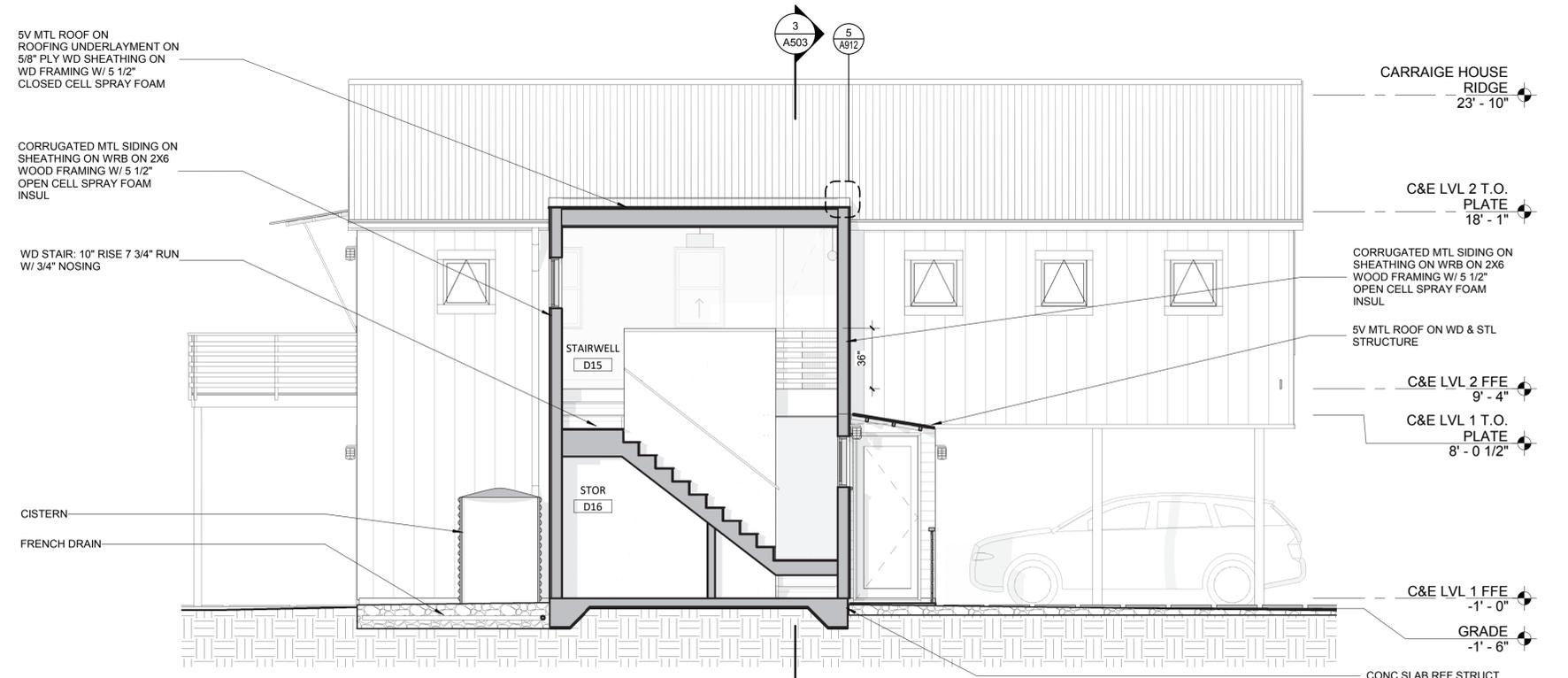
**A502**

**BUILDING SECTION NOTES**

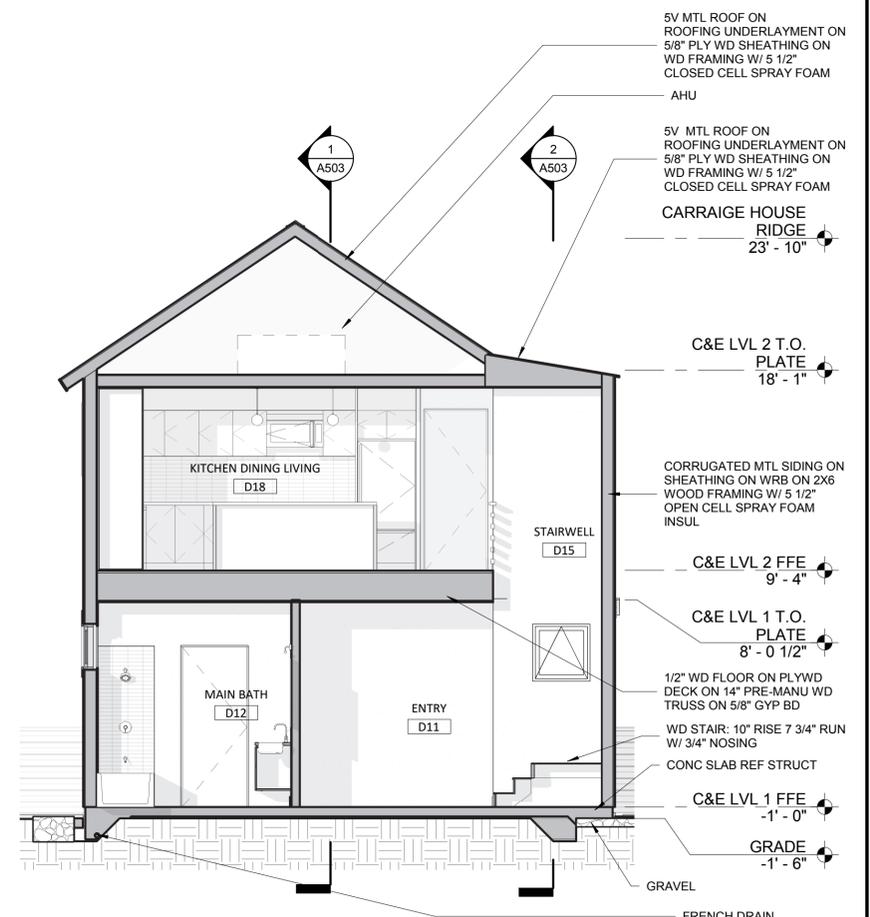
- 1 REFERENCE INTERIOR ELEVATIONS FOR INTERIOR FINISHES
- 2 REFERENCE CIVIL DRAWINGS FOR GRADE ELEVATIONS
- 3 ALL FINISH GRADES TO SLOPE AWAY FROM FOUNDATION
- 4 REFERENCE PLANS FOR WALL TYPES



1 BLDG D - LOOKING W 1  
SCALE: 1/4" = 1'-0"



2 BLDG D - LOOKING WEST 2  
SCALE: 1/4" = 1'-0"



3 BLDG D - LOOKING NORTH 1  
SCALE: 1/4" = 1'-0"

814 N  
OLIVE  
STREET

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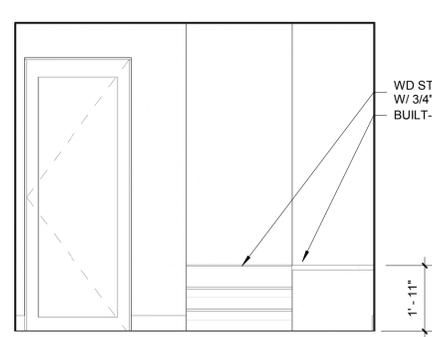
**SET ISSUE DATES**

02.13.2018	HDRC Schematic Approval
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10.31.2018	Construction Documents for Bidding

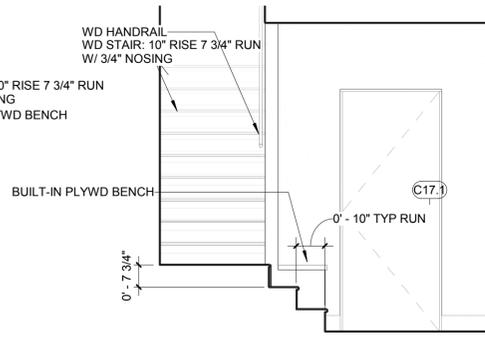
**CONSTRUCTION DOCUMENTS**

**BUILDING SECTIONS - 814 N OLIVE - BLDG D**

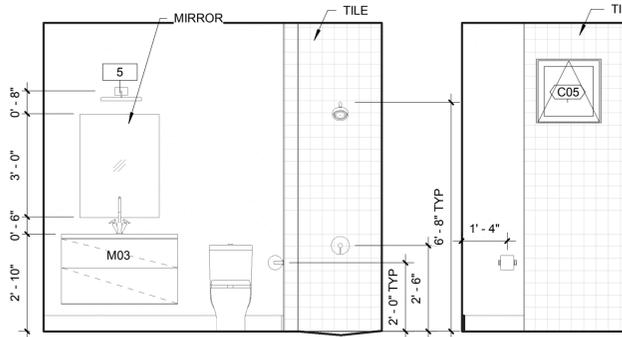
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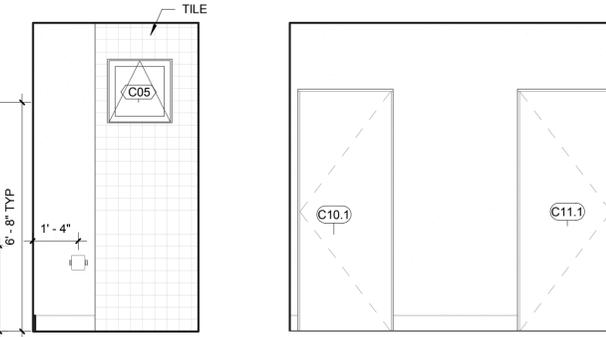
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SCALE: 3/8" = 1'-0"



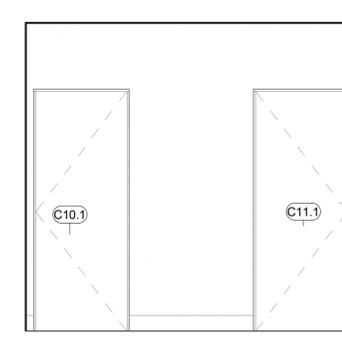
3 C/E - ENTRY S  
SCALE: 3/8" = 1'-0"



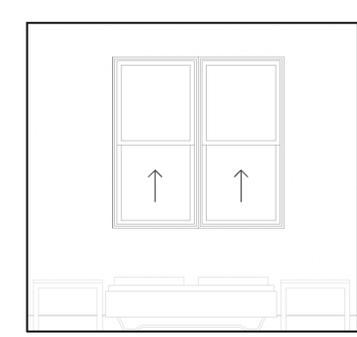
19 C/E - BATH S  
SCALE: 3/8" = 1'-0"



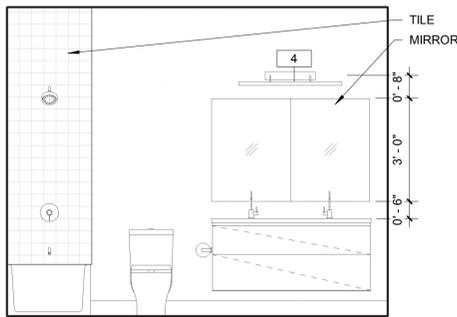
9 C/E - BATH W  
SCALE: 3/8" = 1'-0"



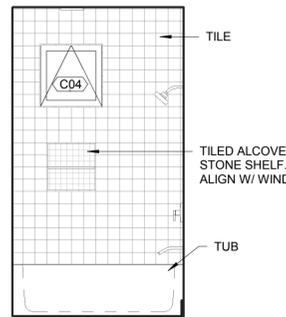
2 C/E - BEDROOM E  
SCALE: 3/8" = 1'-0"



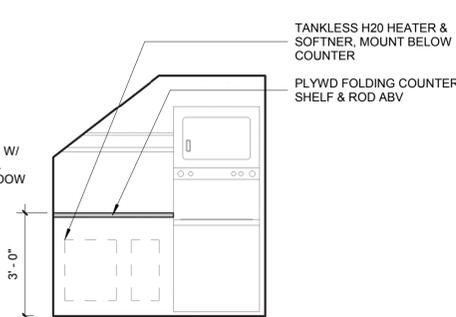
5 C/E - BEDROOM W  
SCALE: 3/8" = 1'-0"



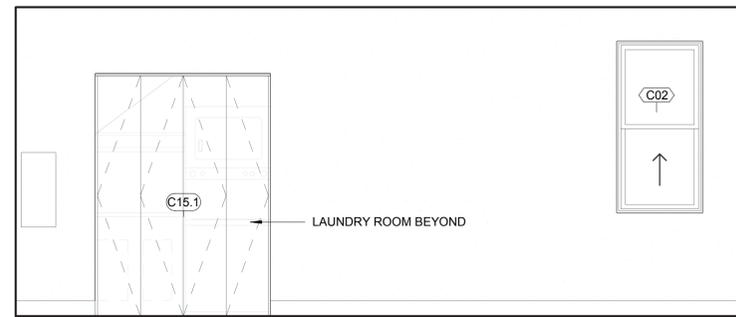
10 C/E - MAIN BATH N  
SCALE: 3/8" = 1'-0"



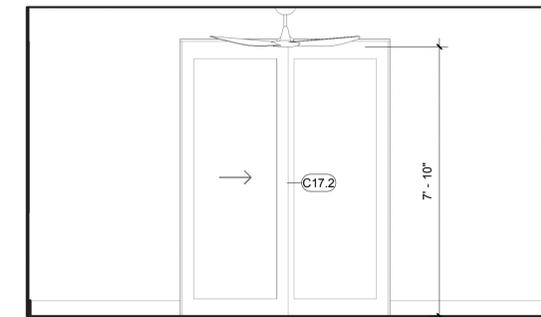
12 C/E - MAIN BATH W  
SCALE: 3/8" = 1'-0"



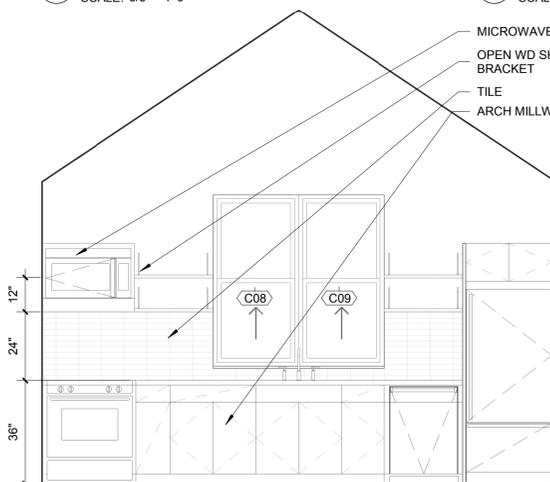
20 C/E - LAUNDRY E  
SCALE: 3/8" = 1'-0"



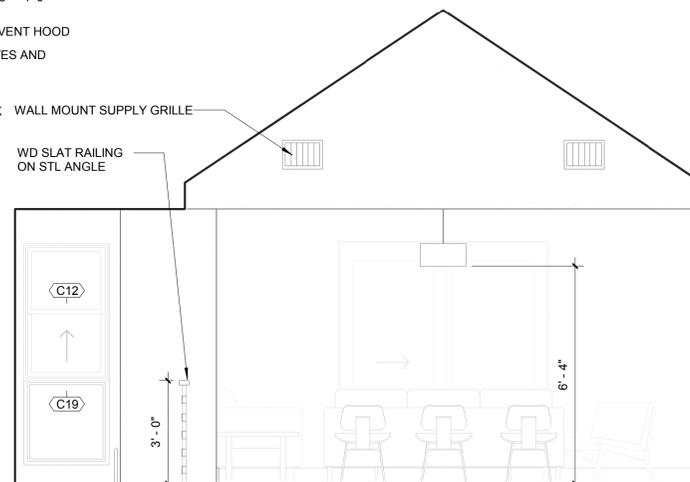
13 C/E - MAIN BEDROOM E  
SCALE: 3/8" = 1'-0"



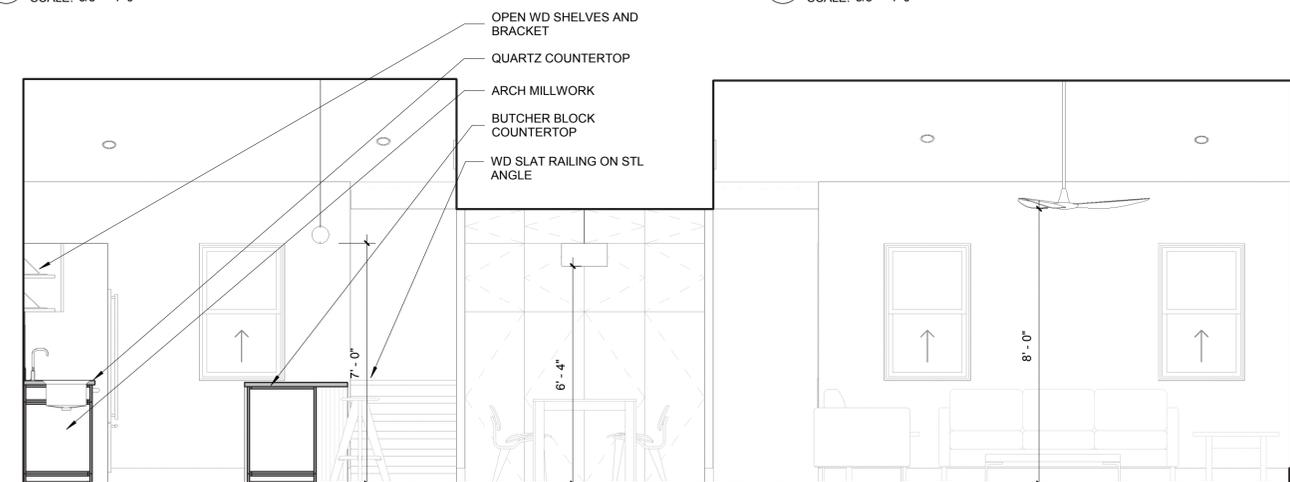
14 C/E - MAIN BEDROOM S  
SCALE: 3/8" = 1'-0"



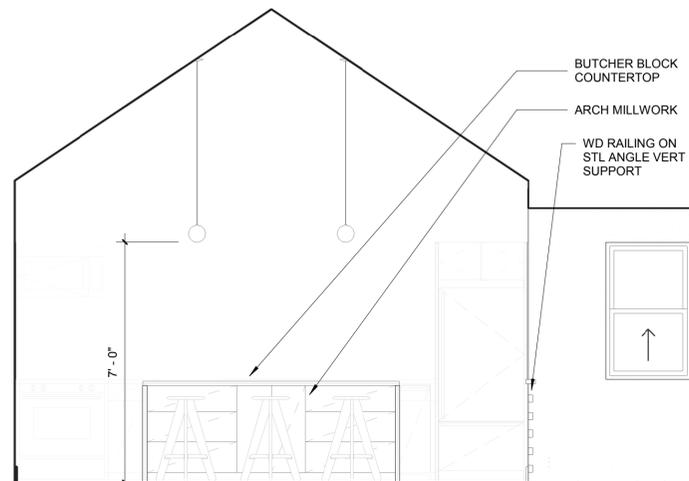
4 C/E KITCHEN N  
SCALE: 3/8" = 1'-0"



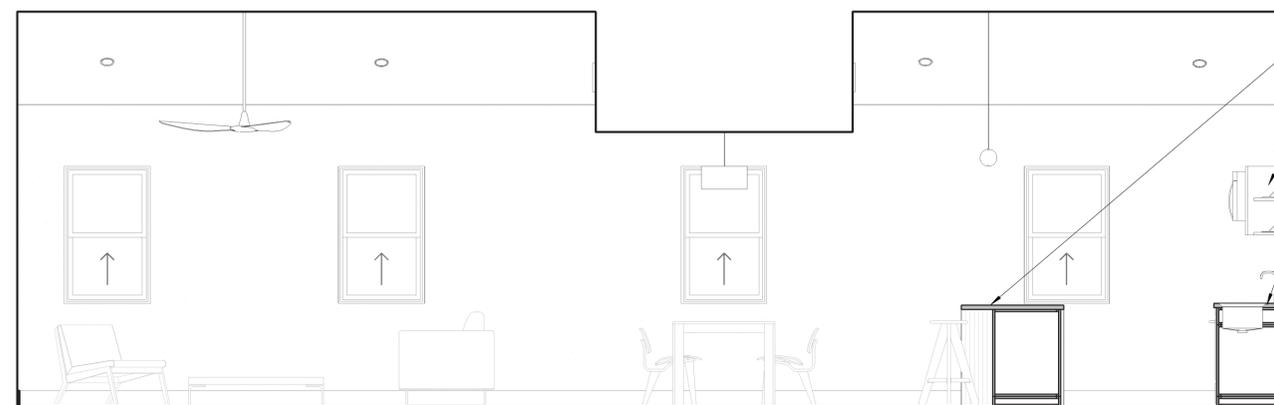
17 C/E - LIVING/ DINING/ KITCHEN S  
SCALE: 3/8" = 1'-0"



16 C/E - LIVING/ DINING/ KITCHEN E  
SCALE: 3/8" = 1'-0"



8 C/E - LIVING/ DINING/ KITCHEN N  
SCALE: 3/8" = 1'-0"



18 C/E - LIVING/ DINING/ KITCHEN W  
SCALE: 3/8" = 1'-0"



- INTERIOR ELEVATION NOTES**
- 1 REFER TO LIGHTING PLANS AND SPECIFICATIONS FOR SWITCHES AND RECEPTACLES
  - 2 REFER TO LIGHTING PLANS AND SPECIFICATIONS FOR SWITCHES AND RECEPTACLES
  - 3 TYP. INTERIOR WINDOW & DOOR TRIM TO BE PTD 1X4 WHERE INDICATED IN INTERIOR ELEVATION
  - 4 TYP. BASEBD TO BE PTD 1X6
  - 5 REFER TO SPECIFICATIONS FOR TYPICAL TRIM JOINERY
  - 6 REFER TO MILLWORK SCHEDULE FOR PREFABRICATED VANITIES
  - 7 ALL INTERIOR FINISHES TO BE 1/2" GYP BD UNLESS NOTED OTHERWISE. PROVIDE WATER RESISTANT TYPE AT ALL WET WALLS. PROVIDE EXTERIOR RATED GYP BD AT ALL UNCONDITIONED SPACES
  - 8 REFER TO REFLECTED CEILING PLAN FOR LIGHT FIXTURE DIMENSIONS OFF OF WALL

814 N  
OLIVE  
STREET

SAN ANTONIO TX 78202

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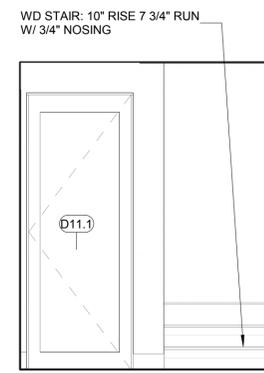
SET ISSUE DATES

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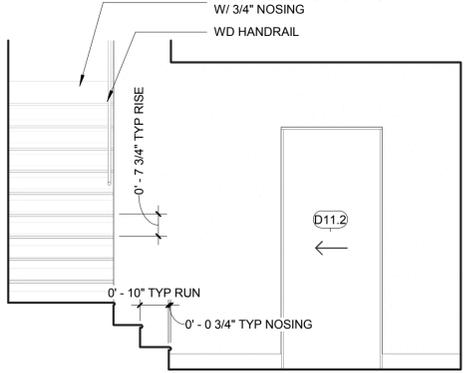
CONSTRUCTION  
DOCUMENTS

INT  
ELEVATIONS -  
814 N OLIVE -  
BLDG C&E

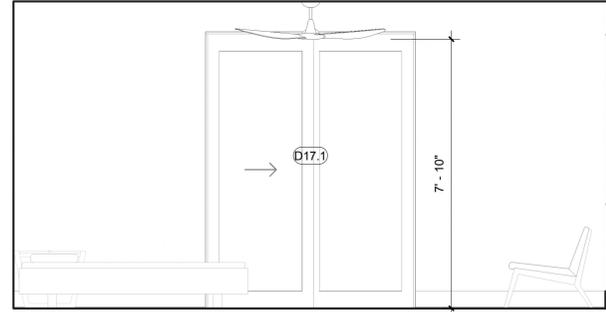
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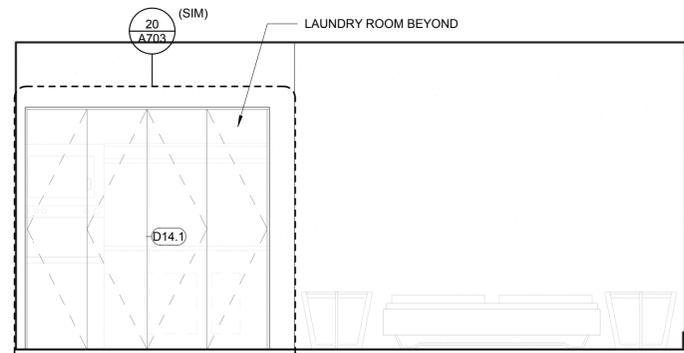
1 D- ENTRY E  
SCALE: 3/8" = 1'-0"



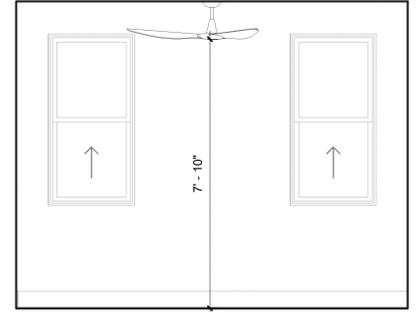
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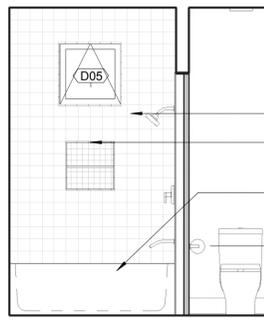
5 D- MAIN BEDROOM S  
SCALE: 3/8" = 1'-0"



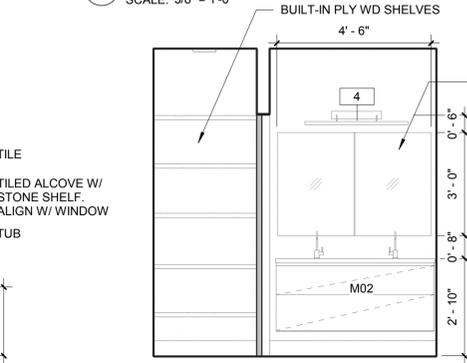
4 D- MAIN BED E  
SCALE: 3/8" = 1'-0"



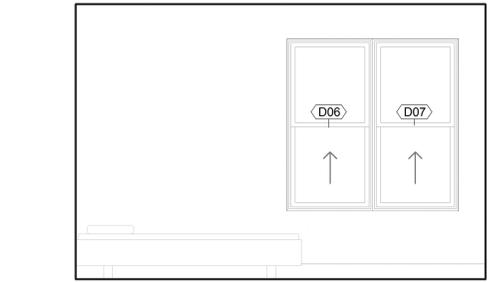
13 D- MAIN BED W  
SCALE: 3/8" = 1'-0"



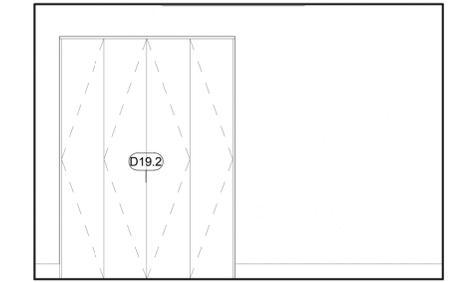
8 D- MAIN BATH W  
SCALE: 3/8" = 1'-0"



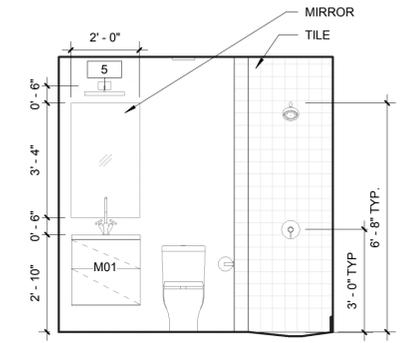
7 D- MAIN BATH E  
SCALE: 3/8" = 1'-0"



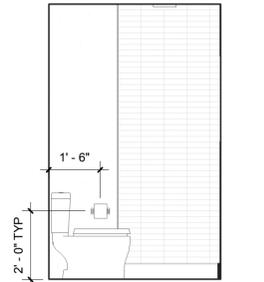
9 D- BEDROOM N  
SCALE: 3/8" = 1'-0"



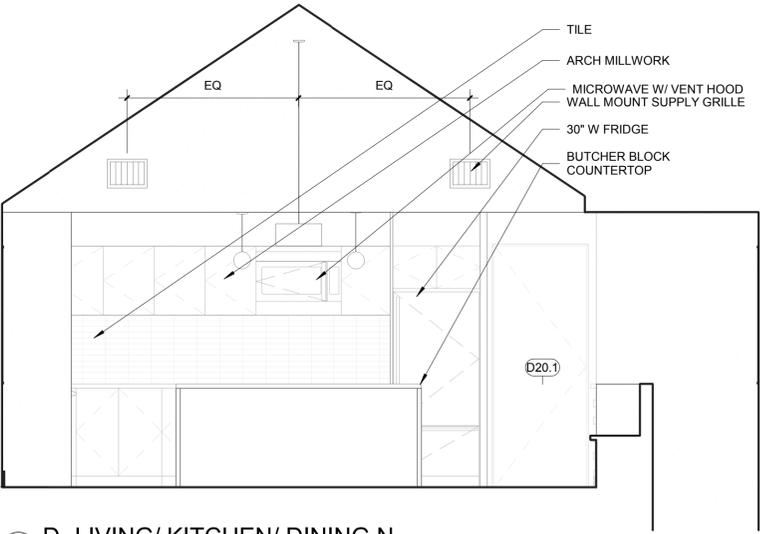
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SCALE: 3/8" = 1'-0"



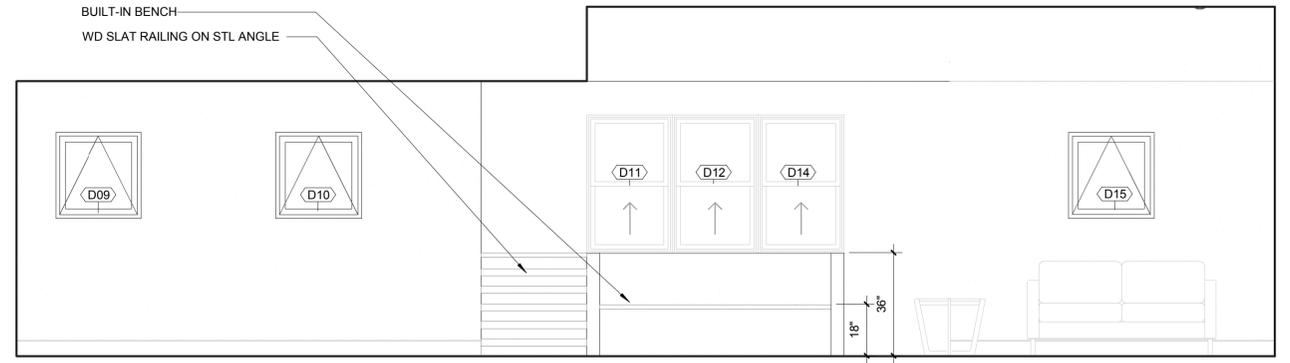
15 D- BATH W  
SCALE: 3/8" = 1'-0"



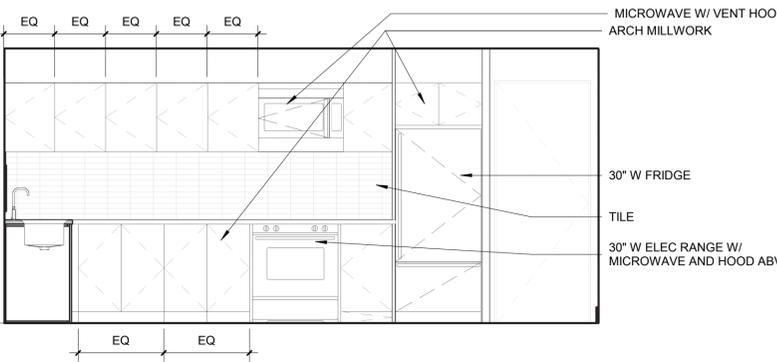
6 D- BATH N  
SCALE: 3/8" = 1'-0"



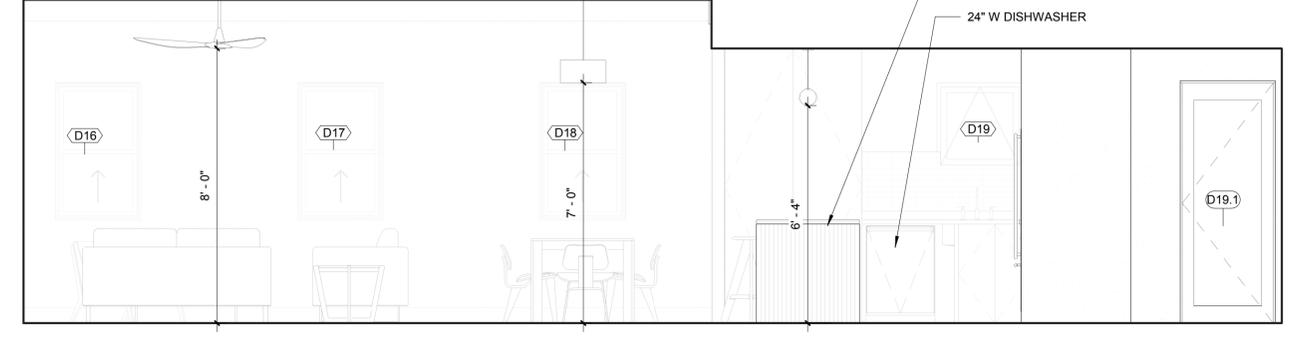
3 D- LIVING/ KITCHEN/ DINING N  
SCALE: 3/8" = 1'-0"



18 D - KITCHEN/LIVING/DINING E  
SCALE: 3/8" = 1'-0"



12 D- KITCHEN N  
SCALE: 3/8" = 1'-0"



19 D - KITCHEN/LIVING/DINING W  
SCALE: 3/8" = 1'-0"

- INTERIOR ELEVATION NOTES**
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814 N  
OLIVE  
STREET

SAN ANTONIO TX 78202

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- Scott Dye, PE (Civil)  
dyeenterprises@satxrr.com
- Zambranowitz (LID Design)  
helena.zambrano@gmail.com, corey.square@gmail.com

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CONSTRUCTION DOCUMENTS

INT  
ELEVATIONS -  
814 N OLIVE -  
BLDG D

A704

814 N  
OLIVE  
STREET

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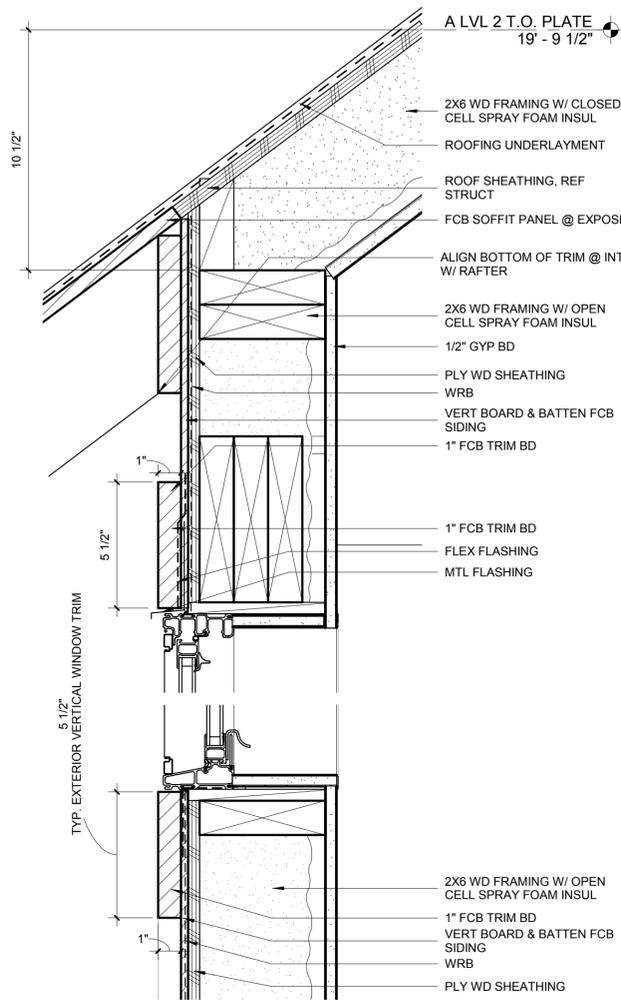
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CONSTRUCTION  
DOCUMENTS

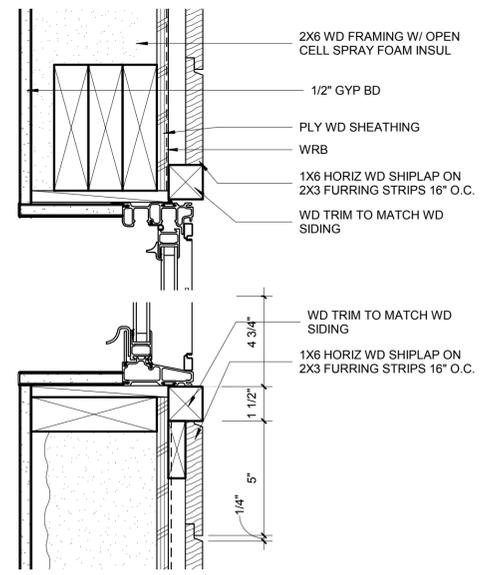
EXT DETAILS-  
814 N OLIVE

A910

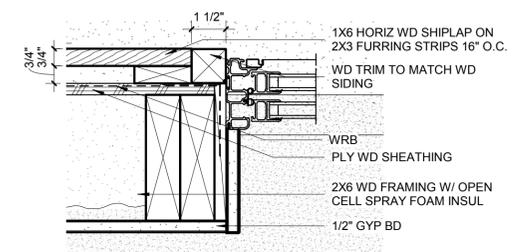


1 TYP WINDOW HEAD & SILL @ VERT SIDING.  
SCALE: 3" = 1'-0"

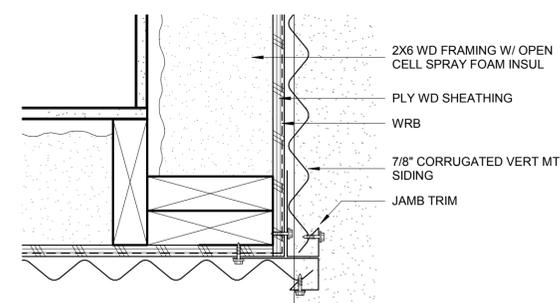
2 TYP WINDOW JAMB @ VERT SIDING.  
SCALE: 3" = 1'-0"



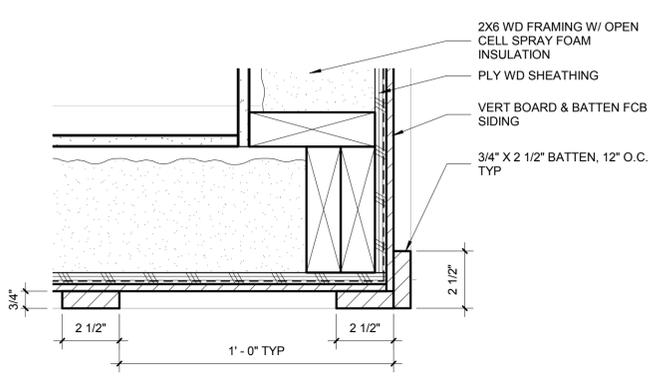
3 TYP WINDOW HEAD & SILL @ WD SIDING  
SCALE: 3" = 1'-0"



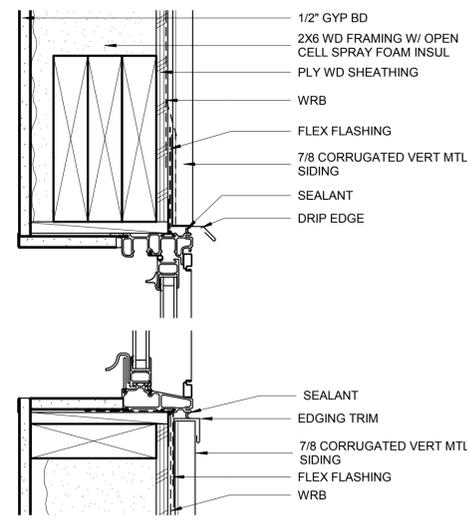
4 TYP WINDOW JAMB @ WD SIDING  
SCALE: 3" = 1'-0"



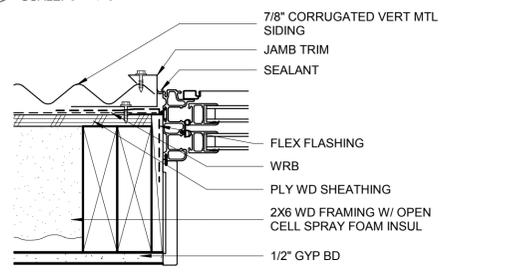
5 PLAN DTL- CORNER @ MTL SIDING  
SCALE: 3" = 1'-0"



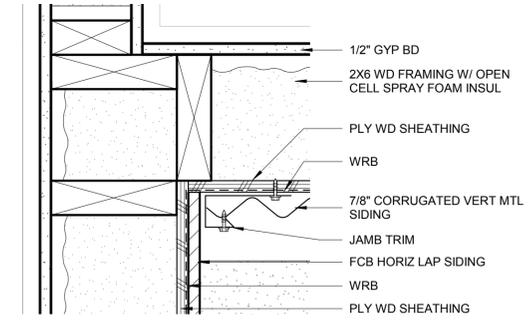
6 PLAN DTL- TYP. CORNER @ VERT SIDING.  
SCALE: 3" = 1'-0"



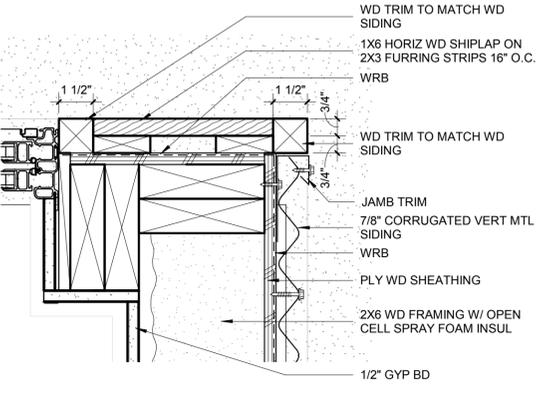
7 TYP WINDOW HEAD & SILL @ MTL SIDING  
SCALE: 3" = 1'-0"



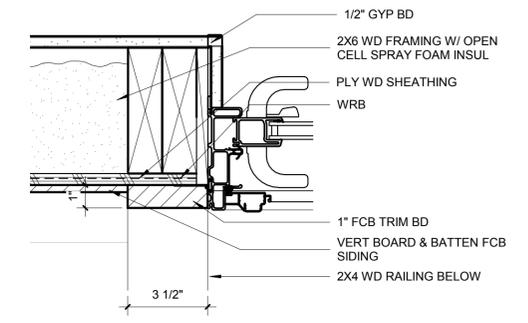
8 TYP WINDOW JAMB @ MTL SIDING  
SCALE: 3" = 1'-0"



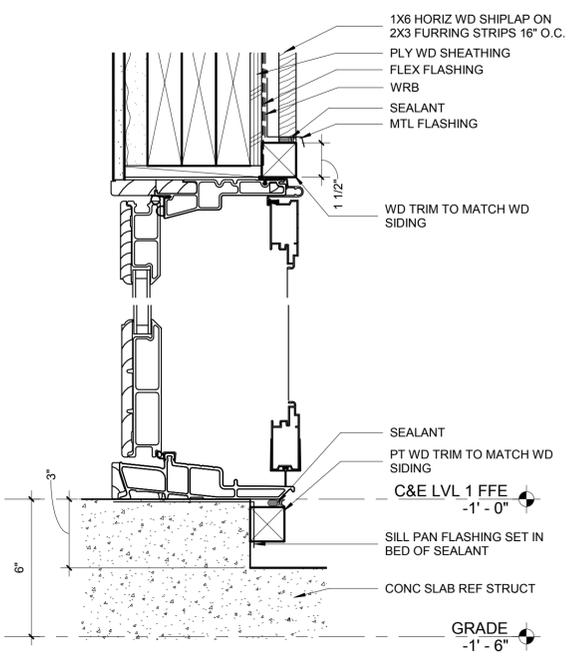
9 PLAN DTL- CORNER @ VERT & MTL SIDING  
SCALE: 3" = 1'-0"



10 PLAN DTL- CORNER @ WD & MTL SIDING  
SCALE: 3" = 1'-0"



11 SLIDER DOOR JAMB @ VERT SIDING.  
SCALE: 3" = 1'-0"



12 TYP DOOR HEAD & SILL @ WD SIDING  
SCALE: 3" = 1'-0"

814 N  
OLIVE  
STREET

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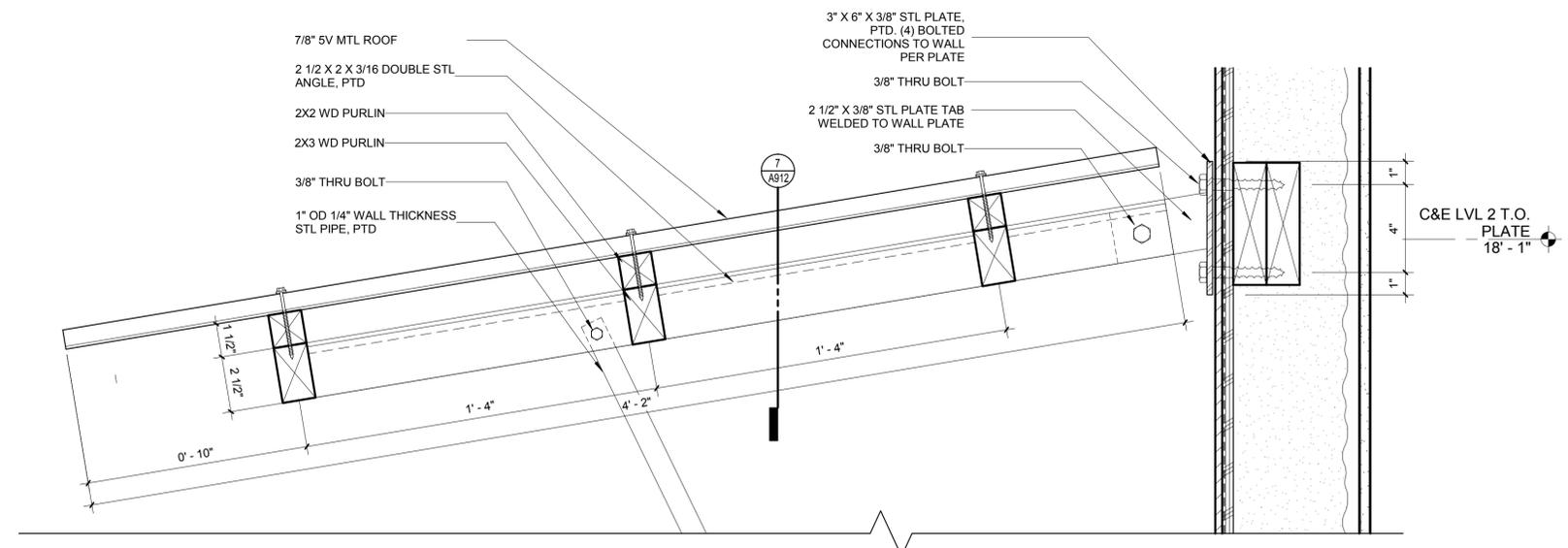
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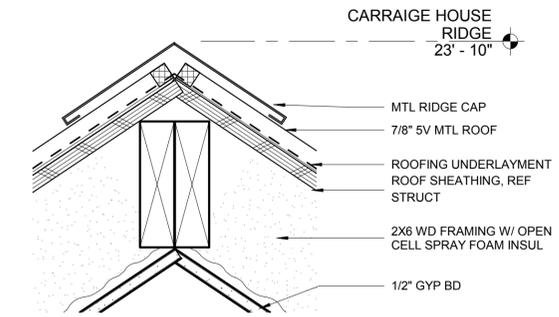
CONSTRUCTION  
DOCUMENTS

EXT DETAILS-  
814 N OLIVE

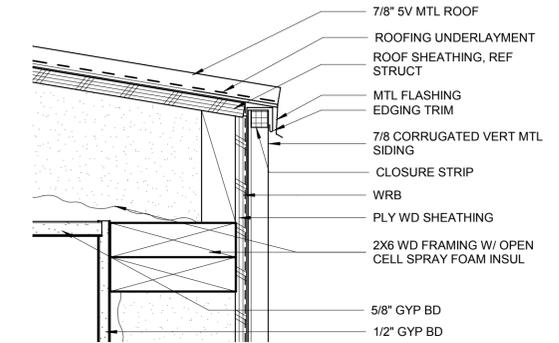
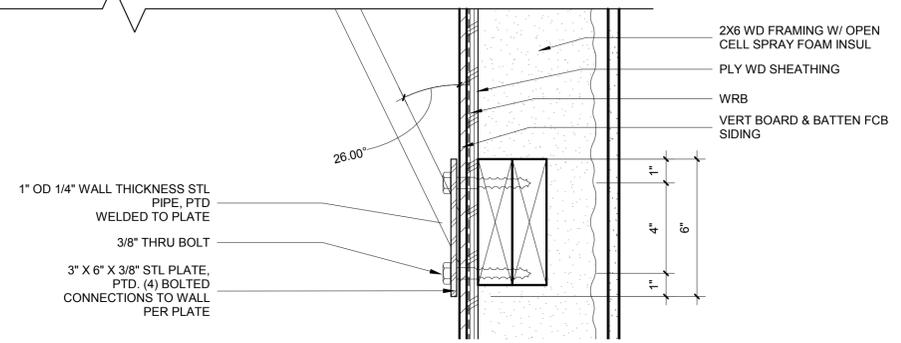
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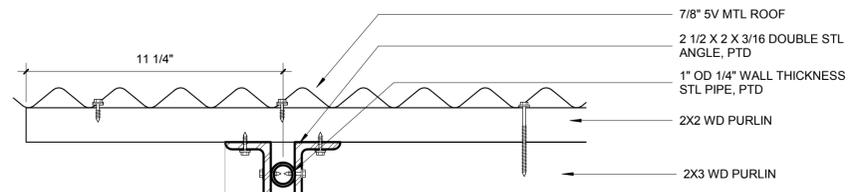
1 SECT DTL - TYP AWNING EAVE  
SCALE: 3" = 1'-0"



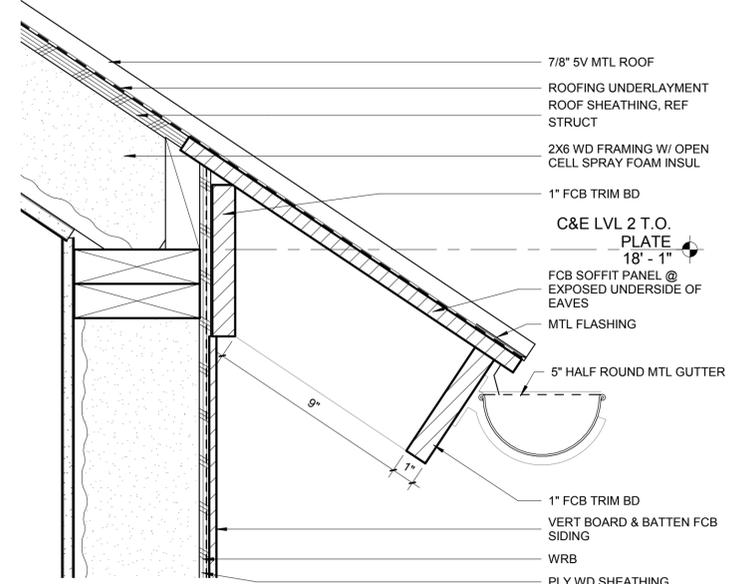
3 SECT DTL-TYP RIDGE @ CORRUGATED MTL ROOF  
SCALE: 3" = 1'-0"



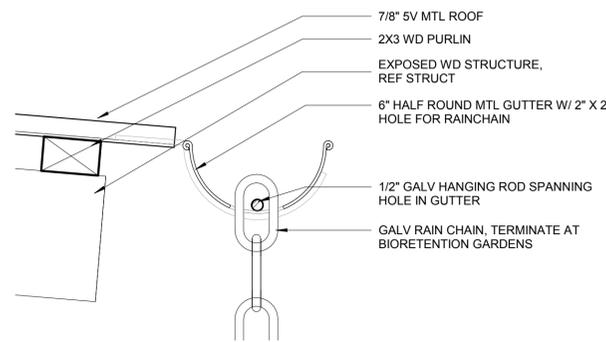
4 SECT DTL- TYP EAVE @ CORRUGATED MTL ROOF & CORRUGATED SIDING  
SCALE: 3" = 1'-0"



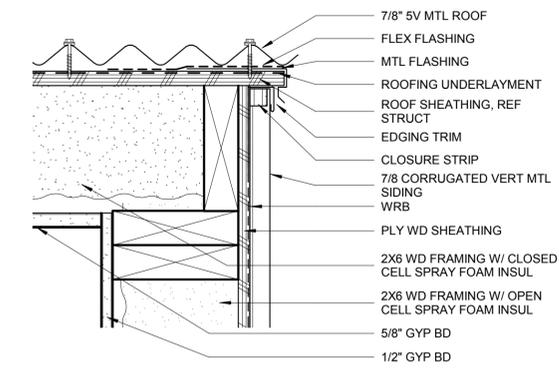
7 SECT DETL- TYP AWNING RAKE  
SCALE: 3" = 1'-0"



2 SECT DTL- TYP EAVE @ CORRUGATED MTL ROOF  
SCALE: 3" = 1'-0"



6 SECT DTL @ RAIN CHAIN  
SCALE: 3" = 1'-0"



5 SECT. DTL - TYP RAKE @ CORRUGATED MTL ROOF  
SCALE: 3" = 1'-0"



# 814 N OLIVE STREET

**PROJECT ADDRESS:**

N OLIVE STREET  
SAN ANTONIO TX 78202

**OWNER:**

STEPHEN GREEN

**SET ISSUE DATES**

02.13.2018 HDRC Schematic Approval  
07.18.2018 HDRC Final Approval  
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CONSTRUCTION  
DOCUMENTS

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**CONSTRUCTION DOCUMENTS**

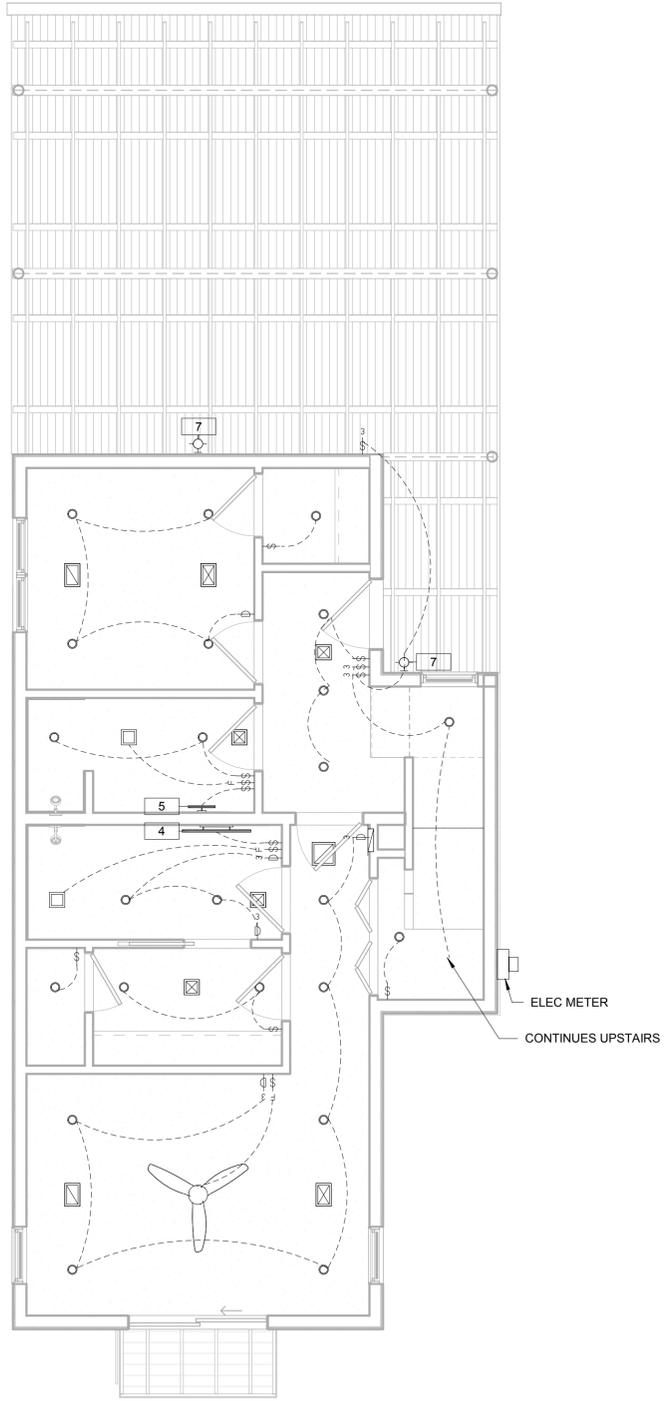
## LIGHTING PLAN - BLDG C & E - 814 N OLIVE

# EL202

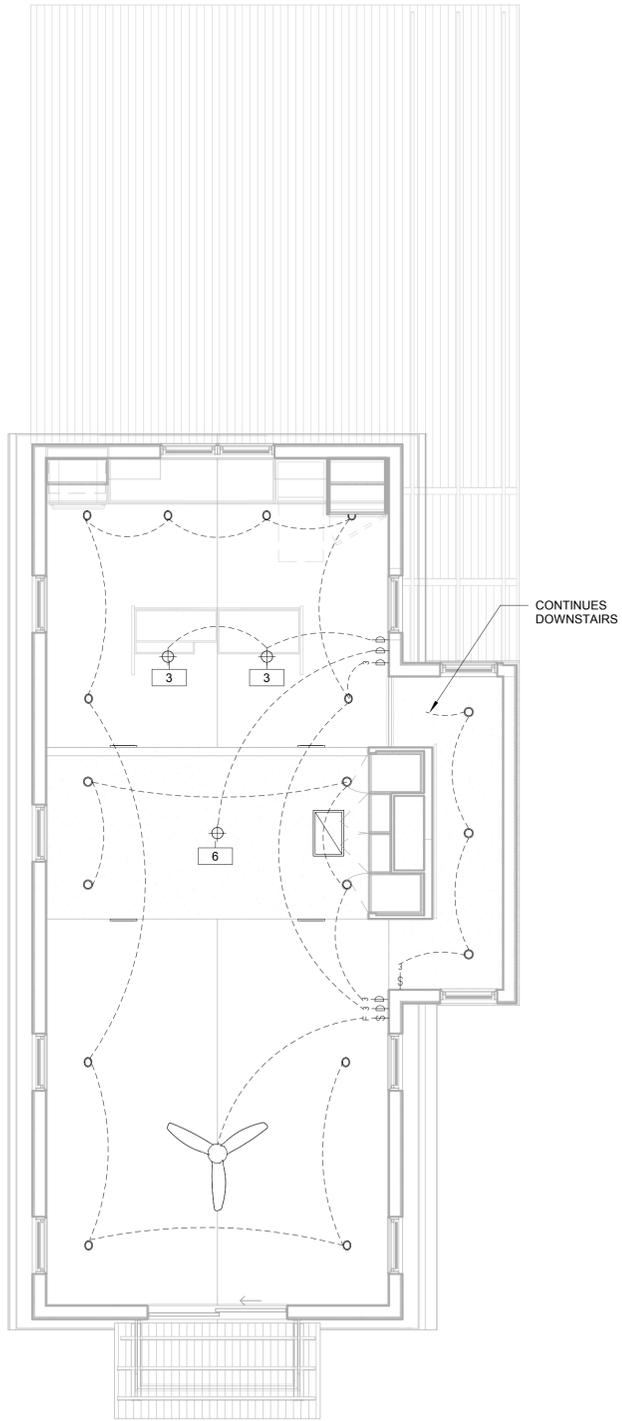
ELECTRICAL SYMBOLS	
	110 WALL MOUNTED DUPLEX OUTLET
	110 WALL MOUNTED GROUND FAULT INTERRUPTER DUPLEX OUTLET
	110 WALL MOUNTED SWITCHED DUPLEX OUTLET
	110 WALL MOUNTED SIMPLEX OUTLET
	220 WALL MOUNTED OUTLET
	SWITCH
	THERMOSTATIC SWITCH
	FAN SWITCH
	3-WAY SWITCH
	3-WAY SWITCH DIMMER
	DIMMER
	WALL MOUNTED DATA JACK
	WALL MOUNTED TV JACK
	WALL MOUNTED SECURITY PANEL
	WALL MOUNTED THERMOSTAT
	SUPPLY GRILLE
	RETURN GRILLE
	EXHAUST FAN
	4" RECESSED CEILING FIXTURE, REF. SPECS
	PENDANT FIXTURE, REF. SPECS
	WALL SCONCE, REF. ELEVATIONS & SPECS
	CEILING FAN, REF. SPECS

**ELECTRICAL NOTES**

- COORDINATE ELECTRICAL REQUIREMENTS WITH APPLIANCES AND MECH EQUIP.
- ALL OUTLETS/ JACKS SHALL BE MOUNTED VERTICALLY UNLESS NOTED OTHERWISE
- ALL INTERIOR OUTLETS SHALL BE CENTERED AT 12" AFF UNLESS NOTED OTHERWISE
- ALL SWITCHES SHALL BE MOUNTED VERTICALLY UNLESS NOTED OTHERWISE
- ALL SWITCHES SHALL BE MOUNTED 42" AFF UNLESS NOTED OTHERWISE
- ALL CONTROL PANELS SHALL BE CENTERED ABOVE SWITCHES/OUTLETS WHERE POSSIBLE
- ADJACENT OUTLETS AND SWITCHES AT COMMON HEIGHT A.F.F. SHALL BE GANGED UNDER ONE COVER PLATE
- ALL SWITCHES, OUTLETS AND JACK SHALL BE "DECORA" STYLE, WHITE
- PROVIDE "HOME RUN" AND SURGE PROTECTION FOR ALL ELEC OUTLETS AT TVS, AUDIO VISUAL, AND COMPUTERS.
- COORDINATE TV, PHONE AND INTERNET OPTIONS WITH ARCHITECT AND OWNER IN FIELD
- PROVIDE SMOKE AND HEAT DETECTORS AS REQUIRED BY CODE. COORDINATE LOCATIONS WITH ARCHITECT
- REFER TO SPECS FOR LIGHTING FIXTURE TYPE DESCRIPTIONS AND ALLOWANCES
- PROVIDE GFCI OUTLETS IN ALL WET LOCATIONS AS REQUIRED BY CODE
- PROVIDE 220 V OUTLETS ACCORDING TO APPLIANCE REQUIREMENTS AND LOCATIONS
- REFER TO REFLECTED CEILING PLANS FOR FIXTURE LOCATIONS
- NOT ALL OUTLETS ARE SHOWN, PROVIDE ADDITIONAL OUTLETS AS REQD PER CODE.



1 ELEC- BLDG C & E - LVL 1  
SCALE: 1/4" = 1'-0"



2 ELEC- BLDG C & E - LVL 2  
SCALE: 1/4" = 1'-0"

# 814 N OLIVE STREET

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**CONSTRUCTION DOCUMENTS**

**LIGHTING PLAN - BLDG D - 814 N OLIVE**

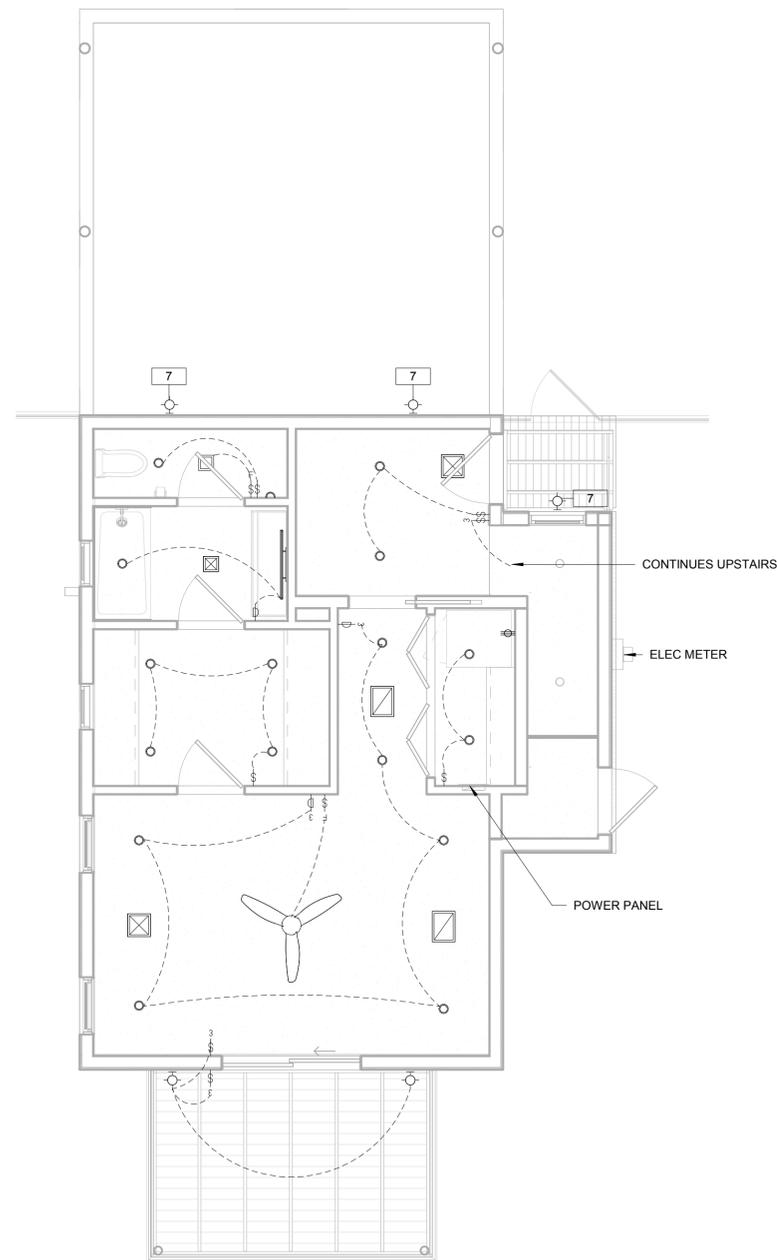
**EL203**

**ELECTRICAL SYMBOLS**

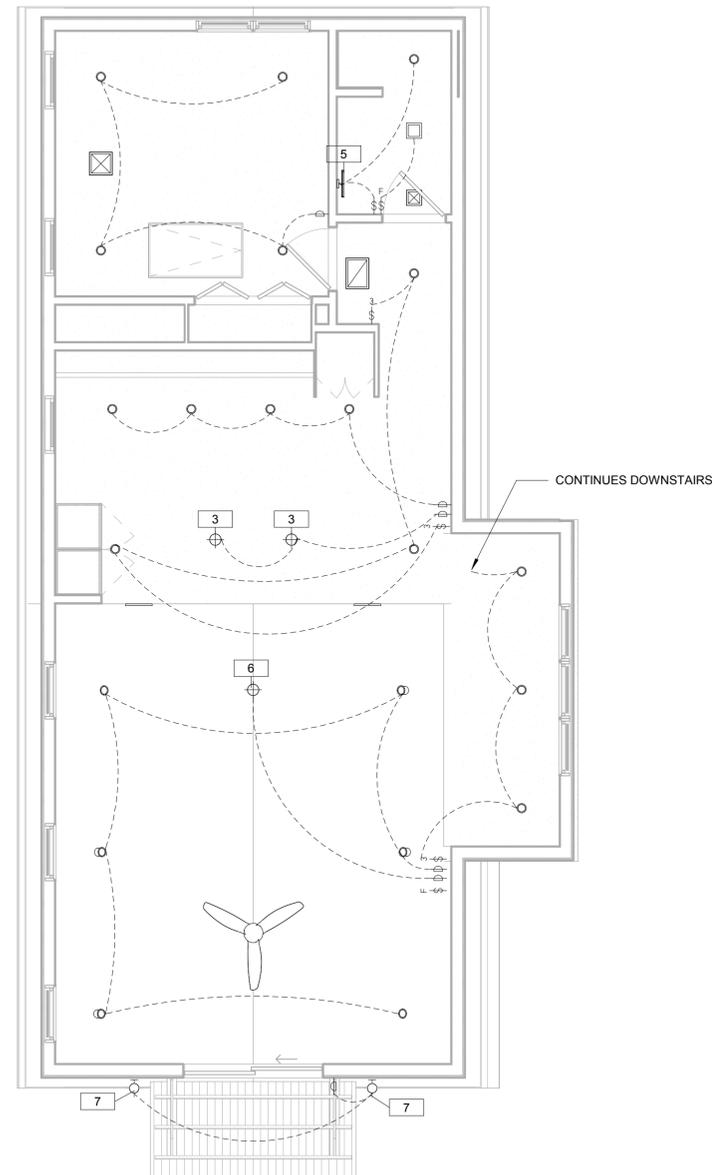
	110 WALL MOUNTED DUPLEX OUTLET
	110 WALL MOUNTED GROUND FAULT INTERRUPTER DUPLEX OUTLET
	110 WALL MOUNTED SWITCHED DUPLEX OUTLET
	110 WALL MOUNTED SIMPLEX OUTLET
	220 WALL MOUNTED OUTLET
	SWITCH
	THERMOSTATIC SWITCH
	FAN SWITCH
	3-WAY SWITCH
	3-WAY SWITCH DIMMER
	DIMMER
	WALL MOUNTED DATA JACK
	WALL MOUNTED TV JACK
	WALL MOUNTED SECURITY PANEL
	WALL MOUNTED THERMOSTAT
	SUPPLY GRILLE
	RETURN GRILLE
	EXHAUST FAN
	4\"/>
	PENDANT FIXTURE, REF. SPECS
	WALL SCONCE, REF. ELEVATIONS & SPECS
	CEILING FAN, REF. SPECS

**ELECTRICAL NOTES**

- COORDINATE ELECTRICAL REQUIREMENTS WITH APPLIANCES AND MECH EQUIP.
- ALL OUTLETS/ JACKS SHALL BE MOUNTED VERTICALLY UNLESS NOTED OTHERWISE
- ALL INTERIOR OUTLETS SHALL BE CENTERED AT 12" AFF UNLESS NOTED OTHERWISE
- ALL SWITCHES SHALL BE MOUNTED VERTICALLY UNLESS NOTED OTHERWISE
- ALL SWITCHES SHALL BE MOUNTED 42" AFF UNLESS NOTED OTHERWISE
- ALL CONTROL PANELS SHALL BE CENTERED ABOVE SWITCHES/OUTLETS WHERE POSSIBLE
- ADJACENT OUTLETS AND SWITCHES AT COMMON HEIGHT A.F.F. SHALL BE GANGED UNDER ONE COVER PLATE
- ALL SWITCHES, OUTLETS AND JACK SHALL BE "DECORA" STYLE, WHITE
- PROVIDE "HOME RUN" AND SURGE PROTECTION FOR ALL ELEC OUTLETS AT TVS, AUDIO VISUAL, AND COMPUTERS.
- COORDINATE TV, PHONE AND INTERNET OPTIONS WITH ARCHITECT AND OWNER IN FIELD
- PROVIDE SMOKE AND HEAT DETECTORS AS REQUIRED BY CODE. COORDINATE LOCATIONS WITH ARCHITECT
- REFER TO SPECS FOR LIGHTING FIXTURE TYPE DESCRIPTIONS AND ALLOWANCES
- PROVIDE GFCI OUTLETS IN ALL WET LOCATIONS AS REQUIRED BY CODE
- PROVIDE 220 V OUTLETS ACCORDING TO APPLIANCE REQUIREMENTS AND LOCATIONS
- REFER TO REFLECTED CEILING PLANS FOR FIXTURE LOCATIONS
- NOT ALL OUTLETS ARE SHOWN, PROVIDE ADDITIONAL OUTLETS AS REQ'D PER CODE.



1 ELEC- BLDG D- LVL 1  
SCALE: 1/4" = 1'-0"



2 ELEC- BLDG D - LVL 2  
SCALE: 1/4" = 1'-0"

### Tree Preservation Data

tree no.	tree size & specie	disposition
101	23" Chinaberry	specie not counted
102	20" hackberry	saved
103	15" anagua	saved
104	7" pecan	removed

**Total Trees:** 42 inches  
**Removed Trees:** 7 inches  
**Preserved Trees:** 35 inches  
**Percent Preserved:** 83.33%

### Tree Legend

- saved - tree that will be saved and meets city of San Antonio requirements
- optioned - tree that the owner may attempt to save; however, it does not meet City of San Antonio Root Protection Zone requirements and is counted as removed. Owner may remove at his option

City of San Antonio Canopy Coverage Calculations  
 This Project Falls Within the CRAG Area - 15% Coverage Required

Overall Lot Size: 0.248 acres 10,809 sq. ft.

Total Canopy Area Required:  
 10,809 sq. ft. x .15 = **1,622 sq. ft.**

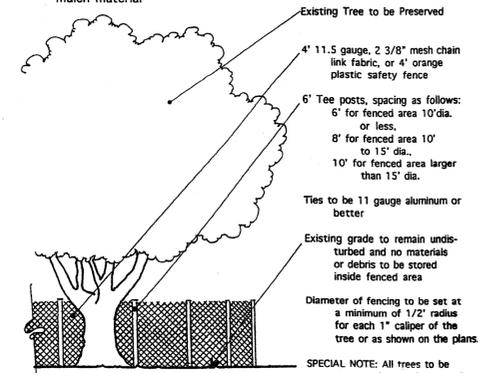
Existing Trees:  
 2 medium trees @ 875 sq. ft. = 1750 sq. ft.  
 Total Existing Trees 1,750 sq. ft.

Total Canopy Provided: **1,750 sq. ft.**  
 Percentage Canopy Provided: **16.19%**

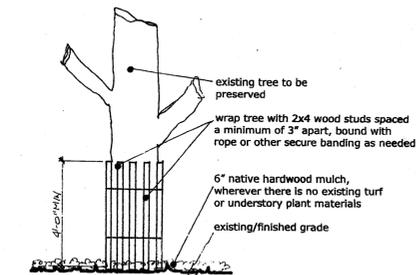
### Tree Protection Notes:

- [1] A Root Protection Zone (RPZ) will be established around each tree to be preserved to meet Tree Preservation and/or Landscape Ordinances. The RPZ shall be an area defined by a radius extending out from the edge of the trunk/bole of the tree a distance of one (1) linear foot for each inch caliper/diameter as measured at breast height (4.5' above finished grade) of the tree. Example: a 12" caliper/diameter tree will have a 12' radius RPZ.
- [2] No work shall begin where tree protection has not been completed and approved by the city. Tree protection fencing shall be installed, maintained and repaired as necessary throughout construction. Fencing shall be a minimum of 4 feet in height.
- [3] All broken branches and roots 2" diameter or greater for saved trees shall be cut cleanly and all oak species shall be coated and sealed within 30 minutes. Exposed roots shall be covered at the end of the work day utilizing soil, approved mulch or wet burlap.
- [4] No equipment, vehicles or materials shall be operated or stored within the RPZ. No clean-out areas (such as paint or plaster drops) will be allowed over the RPZ or in a location which would allow such materials to migrate into or over the RPZ.
- [5] A minimum of 50% of the RPZ shall remain in essentially a pristine condition; hence, no surface cutting, shaping, etc. will be allowed in said area greater than 3 inches in depth.
- [6] Roots or branches in conflict with construction shall be cut-off cleanly in accordance with proper pruning techniques. All oak wounds one-half (1/2) inch or larger shall be painted with an approved pruning sealant within thirty (30) minutes of cutting. Only properly sterilized pruning equipment shall be used on pruning oak trees in order to prevent the spread of oak wilt.
- [7] All wounds to limbs and/or root systems of oak trees that expose sapwood shall be painted within 30 minutes with asphaltic, exterior oil or latex paint.
- [8] Any tree removal shall be approved by the city arborist, if not otherwise shown as such on an approved Tree Preservation Plan.
- [9] Trees shown to be preserved and which are adversely damaged or lost due to the contractor's negligence during construction shall be mitigated.
- [10] Trees must be maintained in good health throughout the construction process. Maintenance may need to include: watering, foliage rinsing to remove dust or other pollutants, and regular re-mulching as shown in details.
- [11] No wires, nails or other materials shall be attached to protected trees.
- [12] All onsite staging, storage, project trailers, employee parking, etc. are required to comply with the terms and conditions of the approved tree permit.
- [13] The permit holder shall maintain a copy of the tree permit, the data and support drawings and the conditions of approved imposed by the city arborist, readily available at the site at all times during which work is in progress.
- [14] Protective barriers as required by the approved plan shall be maintained properly and kept in place until construction is completed.
- [15] A pre-construction conference with city tree inspection staff is required to review procedures for protection and management of all significant, heritage and mitigation trees.

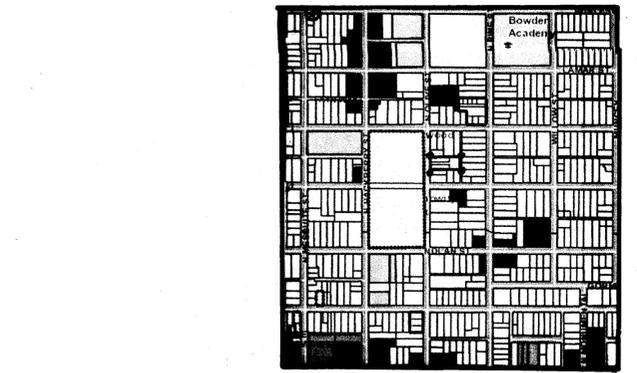
Note: During construction, place and maintain a 3" layer of coarse mulch material



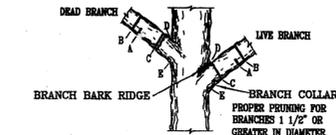
### Tree Preservation Not to Scale



### Tree Protection (Heavy Construction Areas) Not to Scale



Location Map

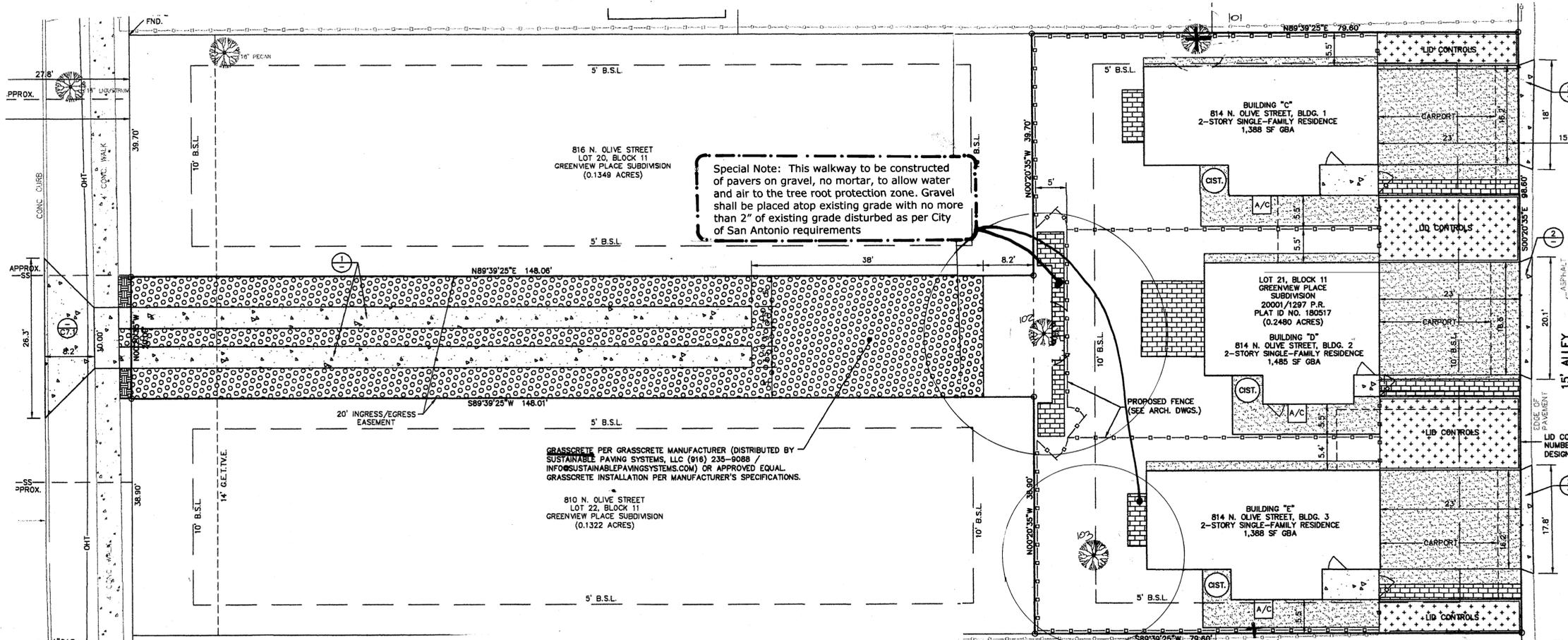


NOTE: DO NOT CUT FROM D TO E.

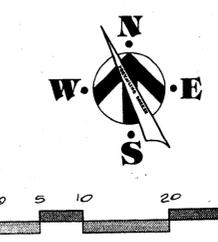
- A. FIRST CUT - TO PREVENT THE BARK FROM BEING PEELED WHEN THE BRANCH FALLS.
- B. SECOND CUT - TO REDUCE THE WEIGHT OF BRANCH.
- C. FINAL CUT - ALLOW FOR HEALING COLLAR BUT NO STUBS
- D. BRANCH EDGES - IDENTIFY PROPERLY BRANCH EDGES WHICH ARE SITE FOR DECAY.

FOR OAKS ONLY: PAINT ALL WOUNDS OR CUTS WITH PRUNING PAINT WITHIN 30 MIN TO PREVENT THE SPREAD OF OAK WILT.

### Tree Pruning Detail Not to Scale



Revised: February 26, 2020  
 to add one existing Tree #104,  
 7" pecan to charts



Revised February 6 as follows:

- 1) There are only three existing trees within lot 21. Two of those trees were misidentified. #101 is Chinaberry and not a Mulberry. As such this tree (Chinaberry) specie is not counted. The second tree is an Anagua, not an oak tree. Therefore the Tree Preservation Data Chart has been revised to show correct species and percentage Saved (100.00%).
- 2) The Canopy Coverage calculations remain the same, 2 existing medium trees are being saved: a hackberry and an anagua. Percentage saved remains the same (16.19%). This project falls within the CRAG area so the percentage is sufficient to meet requirements. At the time the three residences are constructed, landscape requirements will come into play and additional trees will be planted based upon requirements other than Canopy Coverage.



Call before you dig!  
 Call 811



## CANOPY COVERAGE PLAN TREE PRESERVATION PLAN

**Lot 21, Block 11, Greenview Place Subdivision**  
 San Antonio, Texas  
 814 N. Olive Street

**Peter B. Olfers and Associates**  
 Landscape Architecture • Research • Planning  
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 Pipe Creek, Texas 76229  
 phone (210) 378-5915  
 email: orncbpete@hotmail.com



