

100% Construction Documents

Architectural, Structural, MEP & Accessibility



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**JEFFERSON COUNTY
 PUBLIC HEALTH AND ADULT PROBATION DEPARTMENTS
 OFFICE BUILDING
 Port Arthur, Texas**

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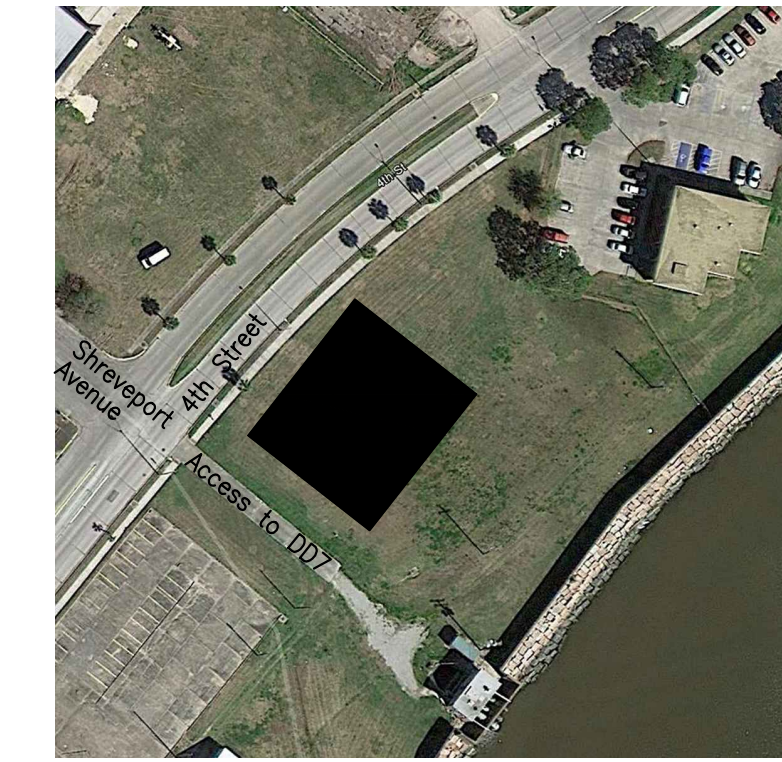
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Document Issue

August 30, 2013 Issued for 30% Design Issue
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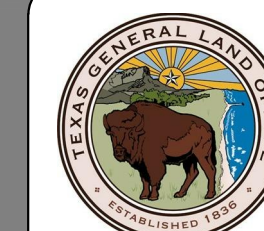
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Notes

General Notes

- THE CONTRACTOR SHALL INSPECT THE JOB SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS AND THE INTENDED SCOPE OF WORK. VERIFY THE RELATIONSHIP BETWEEN EXISTING CONSTRUCTION AND NEW CONSTRUCTION.
- ALL CONTRACTORS FOR THIS WORK TO CARRY INSURANCE OF THE TYPES AND LIMITS AS SPECIFIED BY THE BUILDING OWNER.
- PROVIDE A ONE-YEAR WARRANTY ON ALL MATERIALS AND WORKMANSHIP BEGINNING AT DATE OF SUBSTANTIAL COMPLETION.
- PERFORM ALL WORK IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL CODES AND ORDINANCES.
- SECURE BUILDING PERMITS AND ALL OTHER PERMITS AND APPLICABLE APPROVALS AS REQUIRED BY AUTHORITIES HAVING JURISDICTION AND UTILITY COMPANIES PRIOR TO BEGINNING WORK.
- PERFORM THE WORK WITH QUALIFIED MECHANICS EXPERIENCED IN INSTALLING PRODUCTS, EQUIPMENT AND SYSTEMS OF SIMILAR TYPE UNDER THE DIRECTION OF EXPERIENCED SUPERVISION. ALL WORK TO CONFORM IN QUALITY TO ACCEPTED INDUSTRY STANDARDS. ANY QUESTIONS REGARDING THIS REQUIREMENT SHALL BE DIRECTED TO THE ARCHITECT FOR INTERPRETATION.
- THE WORK OF ALL TRADES AND VENDORS IS TO BE COORDINATED BY THE GENERAL CONTRACTOR.
- SCOPE OF WORK OF ALL TRADES IS TO INCLUDE ALL MATERIALS AND LABOR AS REQUIRED TO TOTALLY COMPLETE PROJECT FROM INTERFACE WITH EXISTING CONSTRUCTION THROUGH CONFIGURATION AS INDICATED IN THE CONSTRUCTION DOCUMENTS. ALL FINISHED WORK SHALL BE COMPLETE AND FUNCTIONAL, CONSISTENT WITH THE DESIGN INTENT AS EXPRESSED IN THESE DOCUMENTS, WHETHER SPECIFICALLY ADDRESSED IN THESE DOCUMENTS OR NOT. ANY QUESTIONS CONCERNING THE COMPLETENESS OF THE WORK SHALL BE ADDRESSED TO THE CONSTRUCTION PROJECT MANAGER.
- IN THE EVENT THAT ANY CONTRADICTION OCCURS WITHIN THESE CONSTRUCTION DOCUMENTS OR EXISTING CONDITIONS, NOTIFY CHICA & ASSOCIATES IMMEDIATELY FOR INTERPRETATION. ANY WORK UNDERTAKEN PRIOR TO NOTIFICATION WILL BE AT THE CONTRACTOR'S SOLE EXPENSE AND RESPONSIBILITY.
- PERFORM DEMOLITION AND SALVAGE WORK AS SHOWN OR REQUIRED TO PRODUCE THE INTENDED RESULTS. PATCH EXISTING AFFECTED SURFACES TO MATCH ADJACENT FINISHES AND TEXTURES. WHERE INDICATED, DELIVER MATERIALS WHICH HAVE BEEN SALVAGED FOR OWNER'S FUTURE USE TO OWNER'S ATTIC STORAGE.
- MATCH EXISTING BUILDING STANDARD FINISHES, MATERIALS, HARDWARE AND EQUIPMENT AS REQUIRED UNLESS OTHERWISE NOTED.
- CONNECT NEW WORK TO EXISTING WORK IN A NEAT AND CODE-APPROVED MANNER.
- COORDINATE WORK TO ALLOW FOR THE PROPER INTRODUCTION OF MATERIALS, EQUIPMENT AND SYSTEMS WITHOUT INTERFERENCE FROM ADJACENT CONSTRUCTION. UTILIZE SPACE TO MAXIMIZE ACCESSIBILITY FOR OTHER INSTALLATIONS.
- PROVIDE FIRE RETARDANT TREATED WOOD BLOCKING, NAILERS AND PLYWOOD AS REQUIRED FOR RIGID ATTACHMENT OF CABINET AND OTHER ITEMS NEEDING WALL, FLOOR OR CEILING ATTACHMENT.
- INSTALL WORK READILY ACCESSIBLE FOR OPERATION, MAINTENANCE AND REPAIRS. PROVIDE ACCESS DOORS IN WALLS AND CEILINGS AS REQUIRED.
- REMOVE RUBBISH FROM PREMISES AS OFTEN AS NECESSARY OR AS DIRECTED IN ORDER TO KEEP PREMISES CLEAN AND EXIT WAYS CLEAR. PROVIDE COMPLETE AND THOROUGH CLEANING OF ENTIRE SPACE UPON COMPLETION OF CONSTRUCTION, INCLUDING: CARPET VACUUMING AND STAIN REMOVAL, CLEANING HVAC DIFFUSERS AND GRILLES, WIPING DOWN ALL WALL, CEILING, BASE, DOOR AND FRAME SURFACES, CLEANING GLASS, WINDOW MULLION AND SILLS, WINDOW SHADES AND OTHER SURFACES.
- THE ABOVE DRAWINGS AND SPECIFICATIONS, AND IDEAS, DESIGNS AND ARRANGEMENTS REPRESENTED THEREBY ARE AND SHALL REMAIN THE PROPERTY OF THE DESIGNERS AND NO PART THEREOF SHALL BE COPIED, DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY OTHER WORK OR PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED AND DEVELOPED. WITHOUT THE WRITTEN CONSENT OF THE DESIGNERS, VISUAL CONTACT WITH THESE DRAWINGS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.
- ALL REPORTS, DRAWINGS, SPECIFICATIONS, ELECTRONIC FILES, FIELD DATA, NOTES AND OTHER DOCUMENTS AND INSTRUMENTS PREPARED BY THE DESIGNERS AS INSTRUMENTS OF SERVICE SHALL REMAIN PROPERTY OF THE DESIGNERS. THE DESIGNERS SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING THE COPYRIGHT THERETO.



State of Texas
 General Land Office
 Project Contract Number: 10-5219-000-5299



Jefferson County
 Project Contract Number: IFB 14-018/KJS

ISSUED FOR CONSTRUCTION
 Document Issue Date: March 10, 2014

Texas Department of Insurance
 Project Registration Number:
TBD

State of Texas Elimination of Architectural
 Barriers (EAB) Registration Number:
B4811251

Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet as to be printed at 11x17 (ANSI B)

Code Research and Analysis of the Physical Characteristics of the Proposed Building for

Jefferson County Office Facility
7777 4th Street
Port Arthur, Texas

Physical Characteristics of the Proposed Structure:

| | |
|-------------------------|--|
| Total Area under Roof: | 14,392.00 SF |
| Health Services: | 0.00 SF |
| Adult Probation: | 0.00 SF |
| Total Conditioned Area: | 0.00 SF (Inside Face - Exterior Walls) |
| Health Services: | 0.00 SF |
| Adult Probation: | 0.00 SF |

Applicable Codes and Ordinances:

| | |
|-------------------------------------|--|
| Building Code: | 2012 International Building Code (IBC) |
| Mechanical Code: | 2012 International Mechanical Code (IMC) |
| Plumbing Code: | 2012 International Plumbing Code (IPC) |
| Electrical Code: | 2011 National Electrical Code (NEC) |
| Windstorm Code/Area Classification: | |
| Energy Code: | 2012 International |

Chapter 3 - Use and Occupancy Classification:

Section 304.1 - Business Group B. Business Group B occupancy includes, among others, the use of a building or structure, or a portion thereof, for office, professional or service-type transactions, including storage of records and accounts. Business occupancies shall include, but not be limited to, the following:

- Ambulatory Care Facilities
- Clinic, Outpatient
- Offices

Chapter 5 - General Building Heights and Areas:

Section 503 - General Building Heights and Area Limitations

Section 503.1 - General. The building height and area shall not exceed the limits specified in Table 503 based upon the type of construction as determined by Section 602 and the occupancies as determined by Section 302 except as modified hereafter. Each portion of a building separated by one or more fire walls complying with Section 706 shall be considered to be a separate building.



Jefferson County Health Facility - Page 1 of 14 Pages

Chapter 6 - Types of Construction:

Section 602.1 General. Buildings and structures erected or to be erected, altered or extended in height or area shall be classified in one of the five construction types defined in Sections 602.2 through 602.5. The building elements shall have a fire-resistance rating not less than that specified in Table 601 and exterior walls shall have a fire-resistance rating not less than that specified in Table 602. Where required to have a fire-resistance rating by Table 601, building elements shall comply with the applicable provisions of Section 703.2. The protection of openings shall not be required unless required by other provisions of this code.

Section 602.1.1 Minimum requirements. A building or portion thereof shall not be required to conform to the details of a type of construction higher than that type that meets the minimum requirements based upon occupancy even though certain features of such a building actually conform to a higher type of construction.

Section 602.3 Type III. Type III construction is that type of construction in which the exterior walls are of noncombustible materials and the interior elements are of any material permitted by this code.

The Health Clinic building complies with the use and construction configuration requirements of a Type III A structure.

Table 601 - Fire-Resistance Rating Requirements for Building Elements (hours)

| | |
|--|---------------|
| For Type III A Construction | |
| Primary Structural Frame | 1 hour |
| Bearing Walls | 2 hours |
| Exterior | 2 hours |
| Interior | 1 hour |
| Non-Bearing Walls and Partitions | |
| Exterior | See Table 602 |
| Interior | 0 hours |
| Floor construction and secondary members | 1 hour |
| Roof construction and secondary members | 1 hour |

d. An approved automatic sprinkler system in accordance with 903.3.1.1 shall be allowed to be substituted for 1-hour fire-resistance-rated construction, provided such system is not otherwise required by other provisions of the code or used for an area increase allowance in accordance with Section 506.3 or an allowable height increase in accordance with Section 504.2. The 1-hour substitution of exterior walls shall not be permitted.



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Table 602 - Fire-Resistance Rating Requirements for Exterior Walls Based on Fire Separation Distance (Load-bearing exterior walls shall also comply with the fire-resistance rating requirements of Table 601)

| Fire Separation Distance = X (feet) | Type of Construction | Occupancy Group B |
|-------------------------------------|----------------------|-------------------|
| X - 5' | All | 1 |
| 5 > X > 10 | Others | 1 |
| 10 > X > 30 | Others | 1 |
| > 30 | All | 0 |

Based upon the criteria noted above and the configuration of the existing buildings on site, our structure does not have any fire-resistance rating requirements for the building elements or exterior walls based upon fire separation distance.

Table 503 - Allowable Building Heights and Areas

| | |
|----------------------------|------------|
| Use: | Group B |
| Building Construction: | Type III A |
| Maximum Number of Stories: | 5 Stories |
| Maximum Area per Story: | 28,500 sf |

The total Office Building (Group B) structure is one story and 14,238.00 SF.

The allowable areas for the proposed structure is less than the allowable areas noted in Table 503 and shown above.

Chapter 7 - Fire and Smoke Protection Features:

Section 701 - General. The provisions of this chapter shall govern the materials, systems and assemblies used for structural fire resistance and fire-resistance-rated construction separation of adjacent spaces to safeguard against the spread of fire and smoke within a building and the spread of fire to or from buildings.

Section 704 - Fire-Resistance Rating of Structural Members

Section 704.1 Requirements. The fire-resistance ratings of structural members and assemblies shall comply with this section and the requirements for the type of construction as specified in Table 601. The fire-resistance ratings shall not be less than the ratings required for the fire-resistance-rated assemblies supported by the structural members.



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The automatic fire sprinkler system provided throughout the proposed building allows the building to be constructed with no fire rating requirements based upon the structural configuration of the structure as the exterior walls comply with the 2 hour fire rating requirements (Table 720.1(2) Rated Fire-Resistance Periods for Various Walls and Partitions, Item 2-1.2) for a 4 hour partition. The interior building frame, floor and roof framing may be downrated to 0 hours because of the automatic fire sprinkler. There are no interior bearing walls in the proposed structure.

Section 705 - Exterior Walls

Section 705.2 Projections. Cornices, eave overhangs, exterior balconies and similar projections extending beyond the exterior wall shall conform to the requirements of this section and Section 1406. Exterior egress balconies and exterior exit stairways shall also comply with Sections 1019 and 1026, respectively. Projections shall not extend beyond the distance determined by the following three methods, whichever results in the lesser projection:

1. A point one-third the distance from the exterior face of the wall to the lot line where protected openings or a combination of protected and unprotected openings are required in an exterior wall.
2. A point one-half the distance from an exterior face of the wall to the lot line where all openings in the exterior wall are permitted to be unprotected or the building is equipped throughout with an automatic sprinkler system installed under the provisions of Section 705.8.2.
3. More than 12 inches into areas where openings are prohibited.

Buildings on the same lot are considered as portions of one building in accordance with Section 705.3 are not required to comply with this section.

Based upon existing site conditions, projections are not required to be protected. Note 2 above would apply should we have any projections.

Section 705.2.2 Type III, IV or V construction. Projections from walls of Type III, IV or V construction shall be on any approved material.

Section 705.3 Buildings on the same lot. For the purposes of determining the required wall and opening protection and roof-covering requirements, buildings on the same lot shall be assumed to have an imaginary line between them.

In the case of the structures in question (our proposed structure and the existing Drivers License Office Building) the imaginary line is a point midway between the two structures.

Section 705.5 Fire-resistance ratings. Exterior walls shall be fire-resistance rated in accordance with Tables 601 and 602 and this section. The required fire-resistance rating of exterior walls with a fire separation distance of greater than 10 feet shall be rated for exposure

to fire from the inside. The required fire-resistance rating of exterior walls with a fire separation distance of less than or equal to 10 feet shall be rated for exposure to fire from both sides.

Per Table 601 and 602 and existing conditions on site, no exterior walls have to be of rated construction.

Section 705.8 Openings. Openings in exterior walls shall comply with Sections 705.8.1 through 705.8.6.

Section 705.8.1 Allowable area of openings. The maximum area of unprotected and protected openings permitted in an exterior wall in any story of a building shall not exceed the percentages specified in Table 705.8.

Exceptions:

2. Buildings whose exterior bearing walls, exterior nonbearing walls and exterior primary structural frame are not required to be fire-resistance rated shall be permitted to have unlimited unprotected openings.

Section 705.8.3 Unprotected openings. Where unprotected openings are permitted, windows and doors shall be constructed of any approved materials. Glazing shall conform to the requirements of Chapters 24 and 26.

Table 705.8 - Maximum Area of Exterior Wall Openings Based on Fire Separation Distance and Degree of Opening Protection.

| Fire Separation Distance | Degree of Opening Protection | Allowable Area |
|--------------------------|------------------------------|----------------|
| 0 to less than 3 feet | Unprotected, Sprinklered | Not Permitted |
| 3 to less than 5 feet | Unprotected, Sprinklered | 15% |
| 5 to less than 10 feet | Unprotected, Sprinklered | 25% |
| 10 to less than 15 feet | Unprotected, Sprinklered | 45% |
| 15 to less than 20 feet | Unprotected, Sprinklered | 75% |
| 20 to less than 25 feet | Unprotected, Sprinklered | No Limit |
| 25 to less than 30 feet | Unprotected, Sprinklered | No Limit |
| 30 or greater | Unprotected, Sprinklered | Not Required |

Based upon the above exception, Tables 601 and 602 and the existing field conditions of the project, no openings are required to be protected, rated or controlled based upon percentages of area.



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Section 709 - Fire Partitions

Section 709.1 General. The following wall assemblies shall comply with this section.

4. Corridor walls as required by Section 1018.1.

Section 709.2 Materials. The walls shall be of materials permitted by the building type of construction.

Section 709.3 Fire-resistance rating. Fire partitions shall have a fire-resistance rating of not less than 1 hour.

Exceptions:

1. Corridor walls permitted to have a 1/2 hour fire-resistance rating by Table 1018.1.

Based upon the installation of an automatic sprinkler system walls can be unrated.

Section 712 - Horizontal Assemblies

Section 712.1 General. Floor and roof assemblies required to have a fire-resistance rating shall comply with this section. Nonfire-resistance-rated floor and roof assemblies shall comply with Section 713.4.2.

Section 712.2 Materials. The floor and roof assemblies shall be of materials permitted by the building type of construction.

Section 712.3 Fire-resistance rating. The fire-resistance rating of floor and roof assemblies shall not be less than that required by the building type of construction. Where the floor assembly separates mixed occupancies, the assembly shall have a fire-resistance rating of not less than that required by Section 508.4 based on the occupancies being separated. Where the floor assembly separates a single occupancy into different fire areas, the assembly shall have a fire-resistance rating of not less than that required by Section 707.3.9. Horizontal assemblies separating dwelling units in the same building and horizontal assemblies separating sleeping units in the same building shall be a minimum of 1-hour fire-resistance-rated construction.

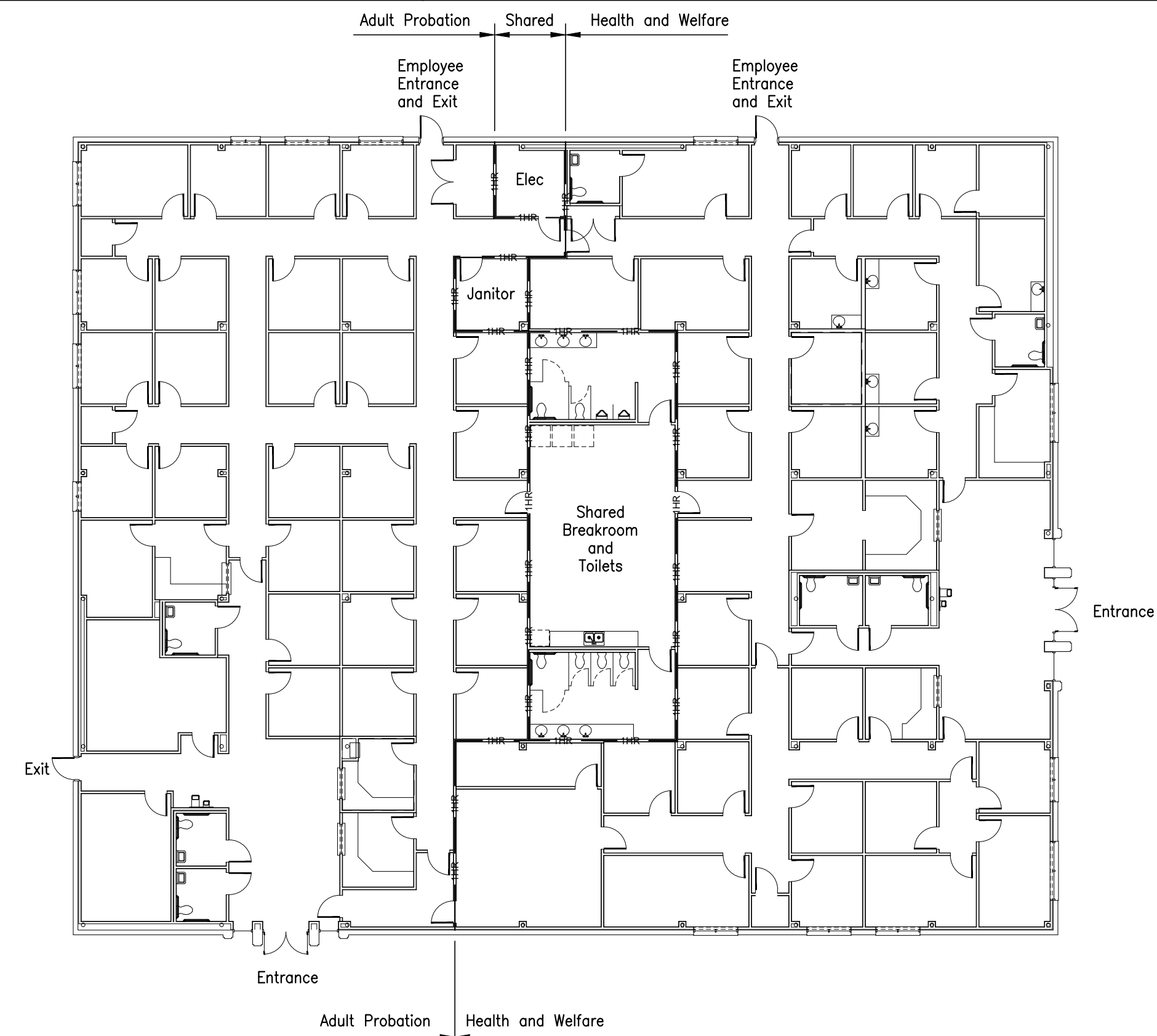
Exception: Dwelling units and sleeping unit separations in buildings of Type IIB, IIBB and VB construction shall have fire-resistance ratings of not less than 1/2 hour in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1

Based upon the installation of an automatic sprinkler system ceiling/roof assemblies can be unrated.

Section 712.4 Continuity. Assemblies shall be continuous without openings, penetrations or joints except as permitted by this section and Sections 708.2, 713.4, 714 and 1022.1. [edit,



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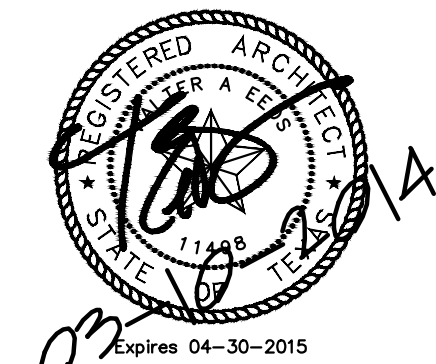
Rated Walls and Exiting Plan - Architecture

2012 IBC Building Code Analysis - Architecture

| DATE | |
|------------|--|
| ISSUED FOR | |
| NO. | |

JEFFERSON COUNTY
PUBLIC HEALTH AND ADULT PROBATION
DEPARTMENTS OFFICE BUILDING
Port Arthur, Texas

ISSUED FOR CONSTRUCTION



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505 Orleans, Suite 106
Beaumont, Texas 77701
Ph.: (409) 833-4343
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DATE: March 10, 2014
SCALE:
DRAWN BY: ET AL
CHECKED BY: WAE
APPROVED BY: RB/SF

CD0.01

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did not include irrelevant code provisions) The supported construction shall be protected to afford the required fire-resistance rating of the horizontal assembly supported.

Section 713 - Penetrations

Section 713.4 - Horizontal Assemblies. Penetrations of a floor, floor/ceiling assembly or a ceiling membrane of a roof/ceiling assembly not required to be enclosed in a shaft by Section 708.2 shall be protected in accordance with Sections 713.4.1 through 713.4.2.2.

Section 713.4.1 Fire-resistance-rated assemblies. Penetrations of fire-resistance-rated floor, floor/ceiling assemblies or the ceiling membrane of a roof/ceiling assembly shall comply with Section 713.4.1.1 through 713.4.1.4. Penetrations in horizontal smoke barriers shall also comply with 713.5.

Section 713.4.1.1 Through Penetrations. Through penetrations of fire-resistance-rated horizontal assemblies shall comply with Section 713.4.1.1.1 or 713.4.1.1.2.

Exceptions:
1. Penetrations by steel, ferrous or copper conduits, pipes, tubes or vents or concrete or masonry items through a single fire-resistance-rated floor assembly where the annular space is protected with materials that prevent the passage of flame and hot gas sufficient to ignite cotton waste when subjected to ASTM E 119 or UL 263 time-temperature fire conditions under a minimum positive pressure differential of 0.01 inch of water at the location of the penetration for a time period equivalent to the fire-resistance rating of the construction penetrated. Penetrating items with a maximum of 6 inch nominal diameter shall not be limited to the penetration of a single fire-resistance-rated floor assembly, provided the aggregate area of the openings through the assembly does not exceed 144 square inches in any 100 square foot of floor area.

Section 713.4.1.1.1 Installation. Through penetrations shall be installed as tested in the approved fire-resistance-rated assembly.

Section 713.4.1.1.2 Through-penetration firestop system. Through penetrations shall be protected by an approved through-penetration firestop system installed and tested in accordance with ASTM E 814 or UL 1479, with a minimum positive pressure differential of 0.01 inch of water. The system shall have an F rating/T rating of not less than 1 hour but not less than the required rating of the floor penetrated.

Exception: Floor penetrations contained and located within the cavity of a wall above a floor or below a floor do not require a T rating.

Section 713.4.2 Nonfire-resistance-rated assemblies. Penetrations of nonfire-resistance-rated floor or roof/ceiling assemblies or the ceiling membrane of nonfire-resistance-rated roof/ceiling assembly shall meet the requirements of Section 708 or shall comply with Section 713.4.2.1 or 713.4.2.2.

Section 713.4.2.1 Noncombustible penetrating items. Noncombustible penetrating items that connect not more than three stories are permitted, provided that the annular space is filled to resist the free passage of flame and the products of combustion with an approved noncombustible material or with a fill, void or cavity material that is tested and classified for use in through-penetration firestop systems.



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Section 713.4.2.2 Penetrating items. Penetrating items that connect not more than two stories are permitted, provided that the annular space is filled with an approved material that is tested and classified for use in through-penetration firestop systems.

Firestopping of all penetrations through wall, floor/ceiling and the ceiling of ceiling/roof assemblies will be required.

Section 717 - Concealed Spaces

Section 717.3 Draftstopping in floors. In combustible construction, draftstopping shall be installed to subdivide floor/ceiling assemblies in the locations prescribed in Sections 717.3.2 through 717.3.3.

Section 717.3.2 Groups R-1, R-2, R-3 and R-4. Draftstopping shall be provided in floor/ceiling spaces in Group R-1 buildings, in R-2 buildings with two dwelling units, in Group R-3 buildings with two dwelling units and in Group R-4 buildings. Draftstopping shall be located above and in line with the dwelling unit and sleeping unit separations.

Exception:
1. Draftstopping is not required in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.
2. Draftstopping is not required in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.2, provided that the automatic sprinklers are also installed in the combustible concealed space.

Section 717.4 Draftstopping in attics. In combustible construction, draftstopping shall be installed to subdivide attic spaces and concealed roof spaces in the locations prescribed in Sections 717.4.2 and 717.4.3. Ventilation of concealed spaces shall be maintained in accordance with Section 1203.2.

Section 717.4.3 Other Groups. Draftstopping shall be installed in attics and concealed roof spaces, such that any horizontal area does not exceed 3,000 square feet.

Exception: Draftstopping is not required in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.

Section 719 - Thermal and Sound-Insulating Materials

Section 719.2 Concealed Installation. Insulating materials, where concealed as installed in buildings of any type of construction shall have a flame spread index of not more than 25 and a smoke-developed index of not more than 450.

Section 719.2.1 Facings. Where such materials are installed in concealed spaces in buildings of Type III, IV, or V construction, the flame spread and smoke-developed limitations do not apply to facings, coverings and layers of reflective foil insulation that are installed behind and in substantial contact with the unexposed surface of the ceiling, wall or floor finish.



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Section 720 - Prescriptive Fire Resistance

Section 720.1 General. The provisions of this section contain prescriptive details of fire-resistive-rated building elements, components or assemblies. The materials of construction listed in Tables 720.1(1), 720.1(2) and 720.1(3) shall be assumed to have the fire-resistance ratings prescribed therein. Where materials that change the capacity for heat dissipation are incorporated into a fire-resistance-rated assembly, fire test results or other substantiating data shall be made available to the building official to show that the required fire-resistance-rating time period is not reduced.

Chapter 8 - Interior Finishes:

Section 801 - General

Section 801.1 Scope. Provisions of this chapter shall govern the use of materials used as interior finishes, trim and decorative materials.

Section 801.2 Interior wall and ceiling finish. The provisions of Section 803 shall limit the allowable fire performance and smoke development of interior wall and ceiling finish materials based upon occupancy classification.

Table 803.9 Interior Wall and Ceiling Finish Requirements by Occupancy indicate that Class C finishes are allowed for exit enclosures and exit passageways of Group B buildings based upon the existing configuration of the structure and note b. In all other cases, Class C finishes are allowed for Group B uses for corridors, rooms and enclosed spaces. In all cases, Class C finishes are allowed for Group F-1 uses for exit enclosures, exit passageways, corridors, rooms and enclosed spaces.

Section 802.3 Interior floor finish. The provisions of Section 804 shall limit the allowable fire performance and smoke development of interior floor finish materials based upon occupancy classification.

Section 804 - Interior Floor Finish does not list any specific requirements for resilient flooring used in Group B uses for exit corridors and enclosures.

Chapter 9 - Fire Protection Systems:

Section 901 - General

Section 901.1 Scope. The provisions of this chapter shall specify where fire protection systems are required and shall apply to the design, installation and operation of fire protection systems.

Section 902 - Definitions

Section 902.1 Definitions. The following words and terms shall, for the purposes of this chapter, and as used elsewhere in this code, have meanings shown herein.



Jefferson County Health Facility - Page 9 of 14 Pages

FIRE AREA - The aggregate floor area enclosed and bounded by fire walls, fire barriers, exterior walls or horizontal assemblies of a building. Areas of the building not provided with surrounding walls shall be included in the fire area if such areas are included within the horizontal projection of the roof or the floor next above.

Section 903 - Automatic Sprinkler Systems

Section 903.1 General. Automatic sprinkler systems shall comply with this section.

Section 903.3.1.1 Alternative Protection. Alternative automatic fire-extinguishing systems complying with Section 904 shall be permitted in lieu of automatic sprinkler protection where recognized by the applicable standard and approved by the fire code official.

A Type 13 automatic fire sprinkler system is installed throughout the building.

Chapter 10 - Means of Egress:

Section 1001 - Administration

Section 1001.1 General. Buildings or portions thereof shall be provided with a means of egress system as required by this chapter. The provisions of this chapter shall control the design, construction and arrangement of means of egress components required to provide approved means of egress from structures and portions thereof.

Section 1004 Occupant Load

Section 1004.1 Design occupant load. In determining means of egress requirements, the number of occupants for whom means of egress facilities shall be provided shall be determined in accordance with this section.

Section 1004.1.1 Areas without fixed seating. The number of occupants shall be computed at a rate of one occupant per unit of area prescribed in Table 1004.1.1. For areas without fixed seating, the occupant load shall not be less than that number determined by dividing the floor area under consideration by the occupant per unit of area factor assigned to the occupancy as set forth in Table 1004.1.1.

Per Table 1004.1.1 Maximum Floor Area Allowances Per Occupant the ratio for both Business areas and Outpatient areas is 1 occupant for every 100 gross square feet of area.

Based upon the gross area of the proposed building the total population used for calculating exit widths is 144 occupants.

Section 1005 - Egress Width

Section 1005.1 Minimum required egress width. The means of egress width shall not be less than that required by this section. The total width of the means of egress in inches shall not be less than the total occupant load served by the means of egress multiplied by 0.3 inch per



Jefferson County Health Facility - Page 10 of 14 Pages

occupant for stairways and by 0.2 per occupant for other egress components. The width shall not be less than specified elsewhere in this code. Multiple means of egress shall be sized such that the loss of any one means of egress shall not reduce the available capacity to less than 50 percent of the required capacity. The maximum capacity required from any story of a building shall be maintained to the termination of the means of egress.

The minimum total exit width is 28.8 inches (based upon 0.2 inches per occupant times 144 occupants). Divided by the five exits and each passageway would only have to be 5.76 inches wide.

The minimum total door width is 28.8 inches (based upon 0.2 inches per occupant x 144 occupants).

Per 1008.1.1 Size of doors, the minimum allowable width of a door shall be 32 inches, therefore all unit entry doors will comply with the requirements of Section 1005.1 automatically as they are 36 inches wide. Additionally, the current exit configuration provides a total of 252 inches of dispersed exit width.

Section 1006 - Means of Egress Illumination

Section 1006.1 Illumination required. The means of egress, including the exit discharge, shall be illuminated at all times the building space served by the means of egress is occupied.

Confirm requirements with CBO.

Section 1007 - Accessible Means of Egress

Section 1007.1 Accessible means of egress required. Accessible means of egress shall comply with this section. Accessible spaces shall be provided with not less than one accessible means of egress. Where more than one means of egress are required by Section 1015.1 or 1021.1 from any accessible space, each accessible portion of the space shall be served by not less than two accessible means of egress.

Exceptions:
1. Accessible means of egress are not required in alterations to existing buildings.



Jefferson County Health Facility - Page 11 of 14 Pages

Section 1008 - Doors, Gates and Turnstiles

Section 1008.1.1 Size of doors. The minimum width of each door opening shall be sufficient for the occupant load thereof and shall provide a clear width of 32 inches.

Exceptions:
1. The minimum and maximum width shall not apply to door openings that are not part of the required means of egress in Group R-2 and R-3 occupancies.

Section 1008.1.2 Door Swing. Egress doors shall be of the pivoted or side-swinging type.

Doors shall swing in the direction of egress travel where serving an occupant load of 50 or more persons or a Group H occupancy.

The minimum width of all doorways that are part of the means of egress system shall be 32 inches per 1008.1.1.

All existing openings utilize doors 36 inches wide, so we comply with the requirements of 1008.1.1 and 1008.1.2.

Section 1011 - Exit Signs

Section 1011.1 Where Required. Exit and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel.

Exit signage is required.

Section 1012 - Handrails

Section 1012.1 Where required. Handrails for stairways and ramps shall be adequate in strength and attachment in accordance with Section 1607.7. Handrails required for stairways by Section 1009.12 shall comply with Sections 1012.2 through 1012.9. Handrails required for ramps by Section 1010.8 shall comply with Sections 1012.2 through 1012.8.

Section 1012.2 Height. Handrail height, measured above stair tread nosings, or finish surface of ramp slope, shall be uniform, not less than 34 inches and not more than 38 inches.

No handrails are anticipated as there are no stairs or ramps in the current configuration.

Section 1013 - Guards

Section 1013.1 Where required. Guards shall be located along open-sided walking surfaces, including mezzanines, equipment platforms, stairs, ramps and landings that are more than 30 inches measured vertically to the floor or grade below at any point within 36 inches



Jefferson County Health Facility - Page 12 of 14 Pages

horizontally to the edge of the open side. Guards shall be adequate in strength and attachment in accordance with Section 1607.7.

Section 1013.2 Height. Required guards shall not be less than 42 inches high, measured vertically above the adjacent walking surfaces.

Section 1013.3 Opening limitations. Required guards shall not have openings which allow the passage of a sphere 4 inches in diameter from the walking surface to the required guard height.

No handrails are anticipated as there are no stairs or ramps in the current configuration.

Handrails at stairs and ramps shall be 36 inches above nosing and guardrails 42 inches AFF. In all cases the maximum spacing of balusters shall be 4 inches on center.

Section 1018 - Corridors

Section 1018.1 Construction. Corridors shall be fire-resistance rated in accordance with Table 1018.1.

Table 1018.1 - Corridor Fire-Resistance Rating

| Occupancy | Occupant Load Served by Corridor | Required Fire-Resistance Rating (hours) with sprinkler system |
|-----------|----------------------------------|---|
| B, F | Greater than 10 | 0 |

All existing corridor walls are unrated and all proposed corridors and walls will be unrated.

Section 1018.2 Corridor width. The minimum corridor width shall be as determined by Section 1005.1, but not less than 44 inches.

All proposed corridors are greater than 44 inches in width exclusive of doorways.



Jefferson County Health Facility - Page 13 of 14 Pages

Section 1021 - Number of Exits and Continuity

Section 1021.1 - Exits from stories. All spaces within each story shall have access to the minimum number of approved independent exits as specified in Table 1021.1 based upon the occupant load of the story.

Table 1021.1 Minimum Number of Exits for Occupant Load

| Occupant Load (persons per story) | Minimum Number of Exits (per story) |
|-----------------------------------|-------------------------------------|
| 1 - 500 | 2 |

The building currently provides five exits from the building.

Chapter 11 - Accessibility:

Section 1101.1 Scope. The provisions of this chapter shall control the design and construction of facilities for accessibility to physically disabled persons.

The project is required to comply with the Texas Accessibility Standards - 2012 Edition. Areas of the overall project having to comply are limited to the areas being reconfigured.



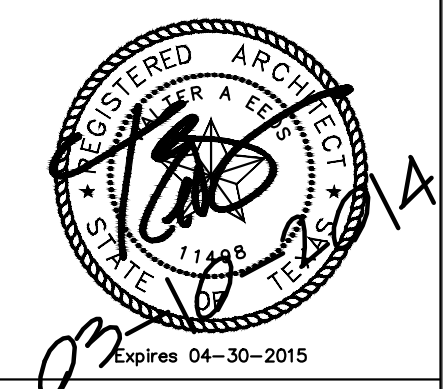
Jefferson County Health Facility - Page 14 of 14 Pages

2012 IBC Building Code Analysis - Architecture

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**JEFFERSON COUNTY
PUBLIC HEALTH AND ADULT PROBATION
DEPARTMENTS OFFICE BUILDING
Port Arthur, Texas**

ISSUED FOR CONSTRUCTION



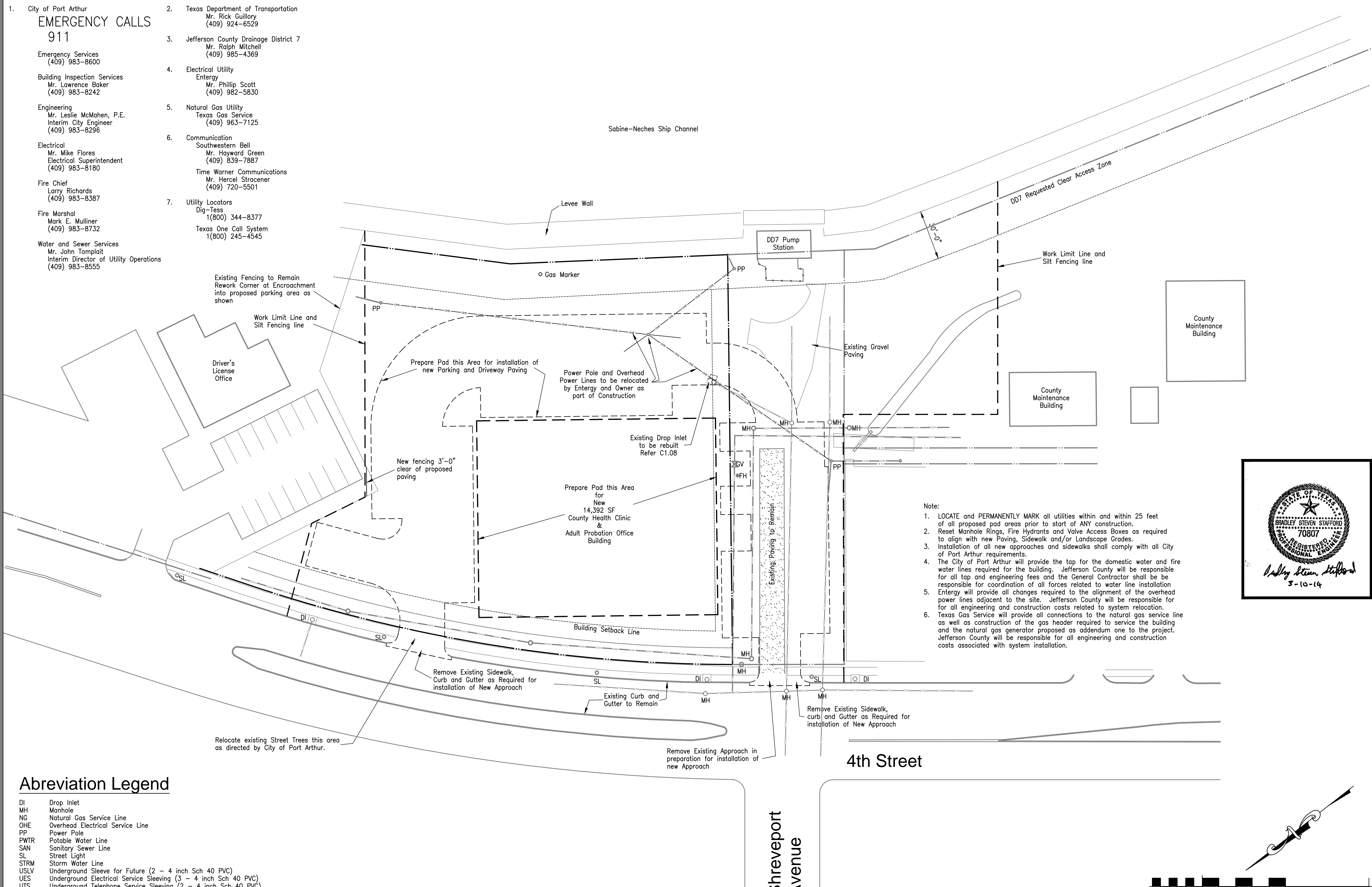
Chica & Associates, Inc.
Texas Registered Engineering Firm
505 Orleans, Suite 106
Beaumont, Texas 77701
Ph.: (409) 833-4343
Fax: (409) 833-6326

DATE: March 10, 2014
SCALE: -
DRAWN BY: ET AL
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APPROVED BY: RB/SF

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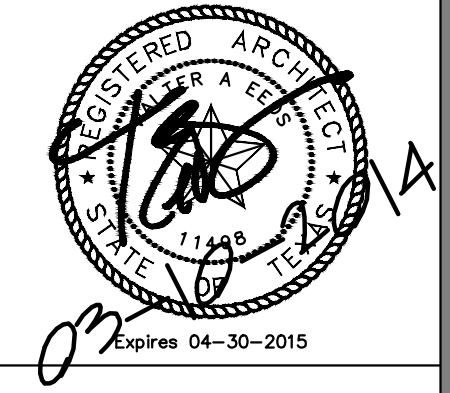
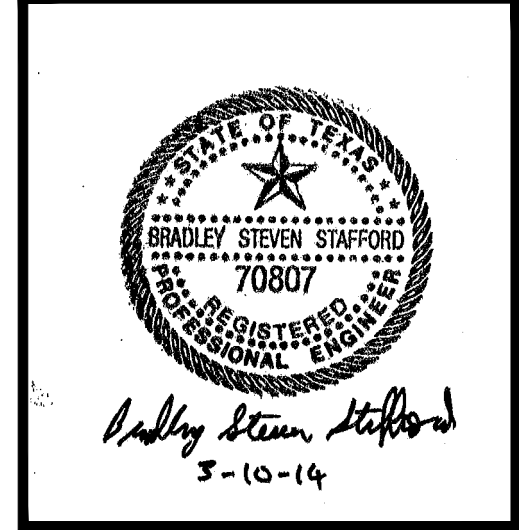
Public and Utility Service Contact List

- | | |
|---|---|
| 1. City of Port Arthur EMERGENCY CALLS 911 Emergency Services (409) 983-8600 Building Inspection Services Mr. Lawrence Baker (409) 983-8242 Engineering Mr. Leslie McMahan, P.E. Interim City Engineer (409) 983-8296 Electrical Mr. Mike Flores Electrical Superintendent (409) 983-8180 Fire Chief Larry Richards (409) 983-8387 Fire Marshal Mark E. Mulliner (409) 983-8732 Water and Sewer Services Mr. John Tompkins Interim Director of Utility Operations (409) 983-8555 | 2. Texas Department of Transportation Mr. Rick Guillory (409) 924-6529 3. Jefferson County Drainage District 7 Mr. Ralph Mitchell (409) 985-4369 4. Electrical Utility Entergy Mr. Phillip Scott (409) 982-5830 5. Natural Gas Utility Texas Gas Service (409) 963-7125 6. Communication Southwestern Bell Mr. Hayward Green (409) 839-7887 Time Warner Communications Mr. Hercul Stracener (409) 720-5501 7. Utility Locators Dig-Tess 1(800) 344-8377 Texas One Call System 1(800) 245-4545 |
|---|---|



Abbreviation Legend

- | | |
|------|---|
| DI | Drop Inlet |
| MH | Manhole |
| NG | Natural Gas Service Line |
| OHE | Overhead Electrical Service Line |
| PP | Power Pole |
| PWTR | Potable Water Line |
| SAN | Sanitary Sewer Line |
| SL | Street Light |
| STRM | Storm Water Line |
| USLV | Underground Sleeve for Future (2 - 4 inch Sch 40 PVC) |
| UES | Underground Electrical Service Sleeving (3 - 4 inch Sch 40 PVC) |
| UTS | Underground Telephone Service Sleeving (2 - 4 inch Sch 40 PVC) |



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Texas Registered Engineering Firm F-1062
505 Orleans, Suite 106 Beaumont, Texas 77701
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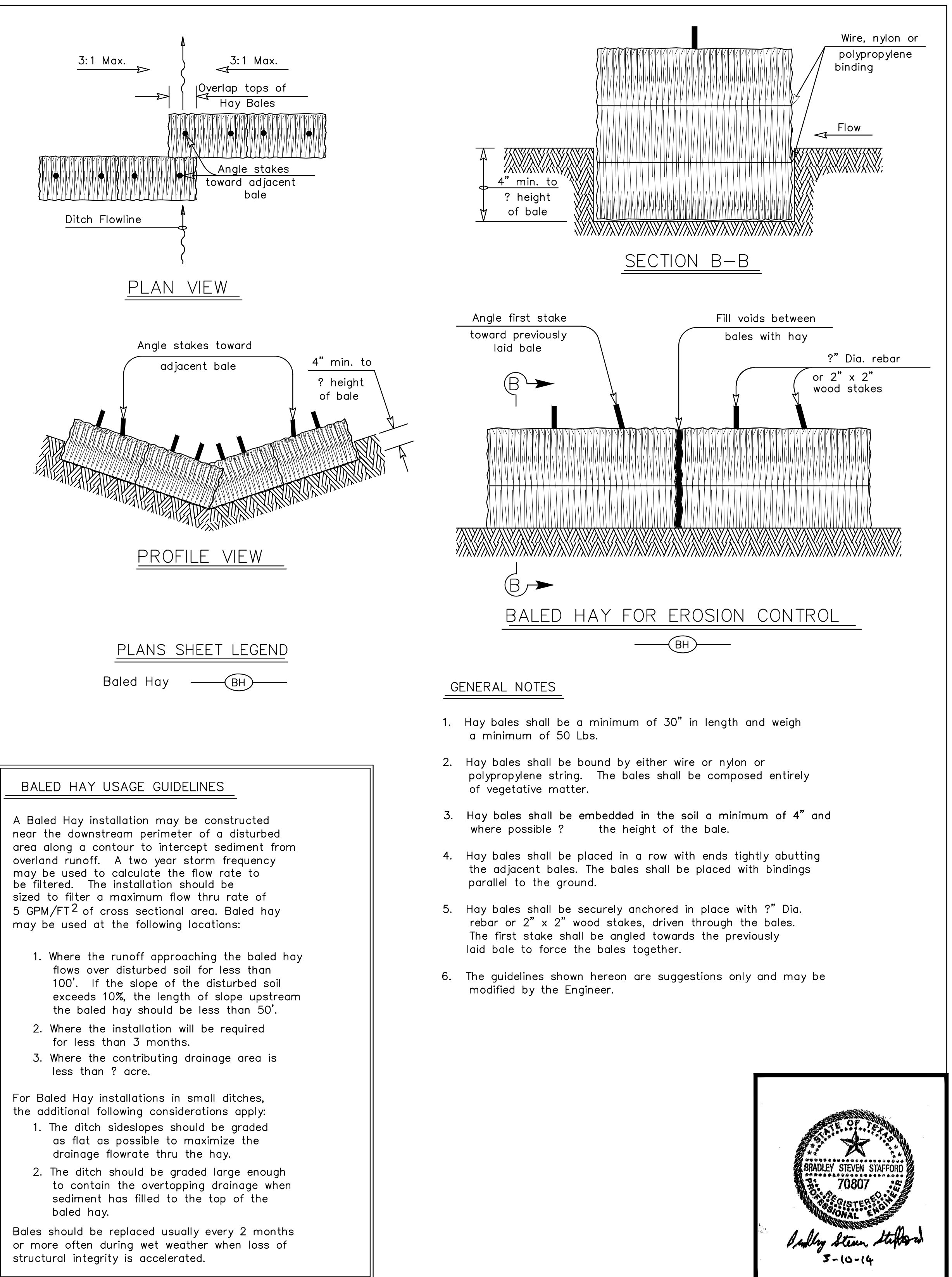
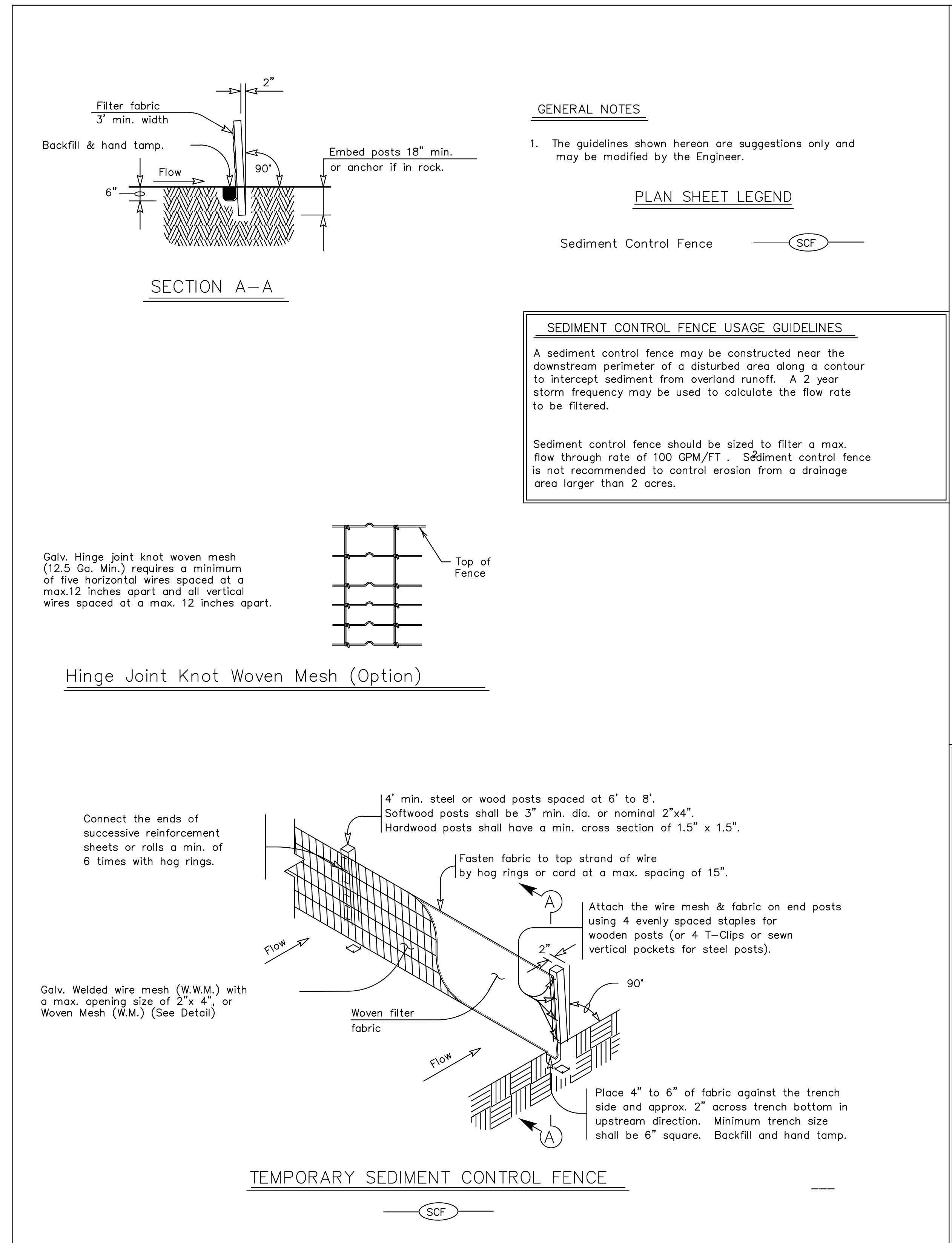
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D0.01

Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet is actual 22x34 (ANSI D) so as to be printed at 11x17 (ANSI B)

Site Work and Excavation Limits Plan

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Port Arthur, Texas

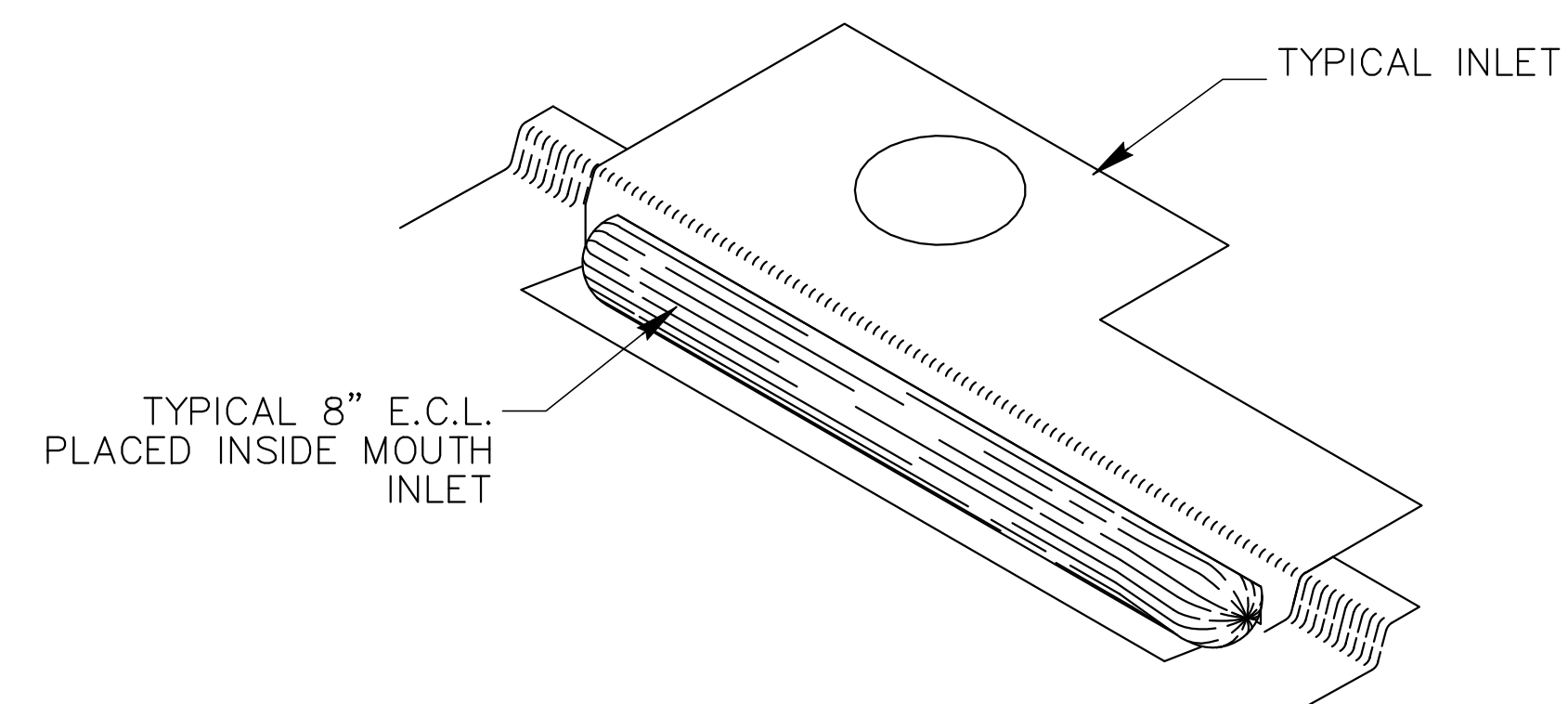
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Texas Registered Engineering Firm F-11862
505 Orleans, Suite 106 Beaumont, Texas 77701
Ph.: (409) 833-4343 Fax: (409) 833-6326

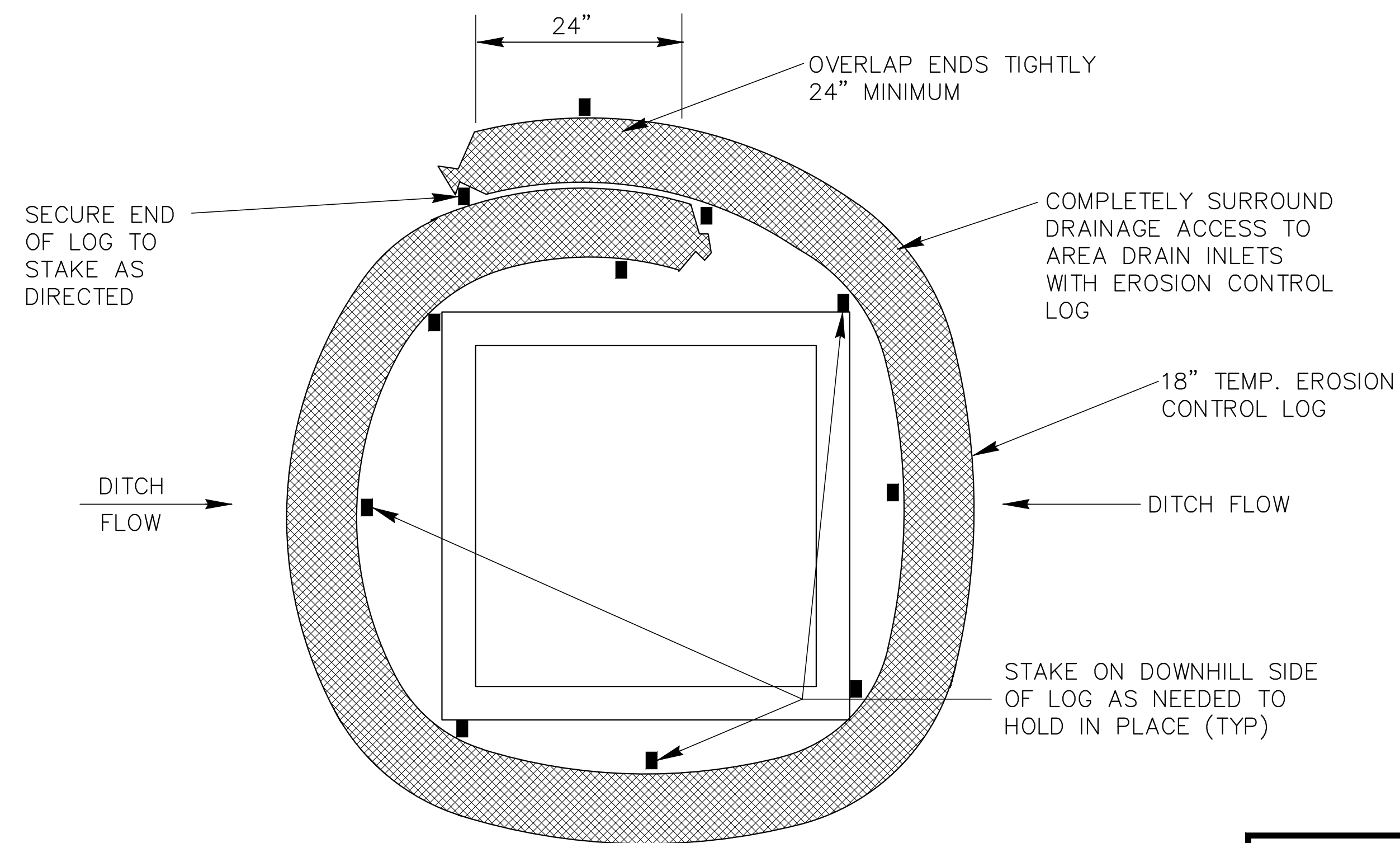
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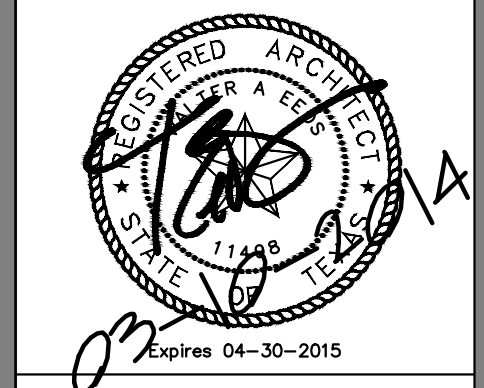
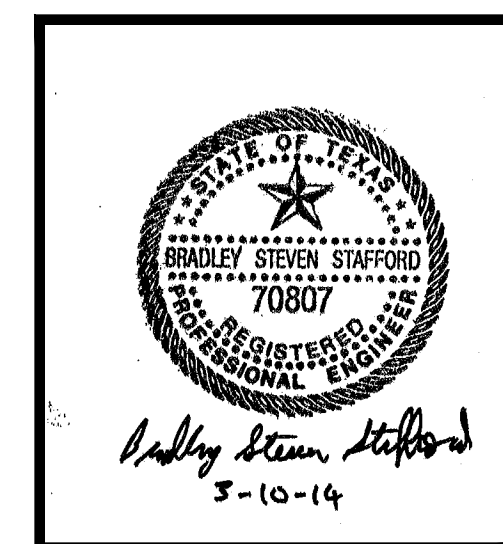


TYPICAL COMPLETED INLET DETAIL



TYPICAL INCOMPLETE INLET DETAIL

SWPPP Details



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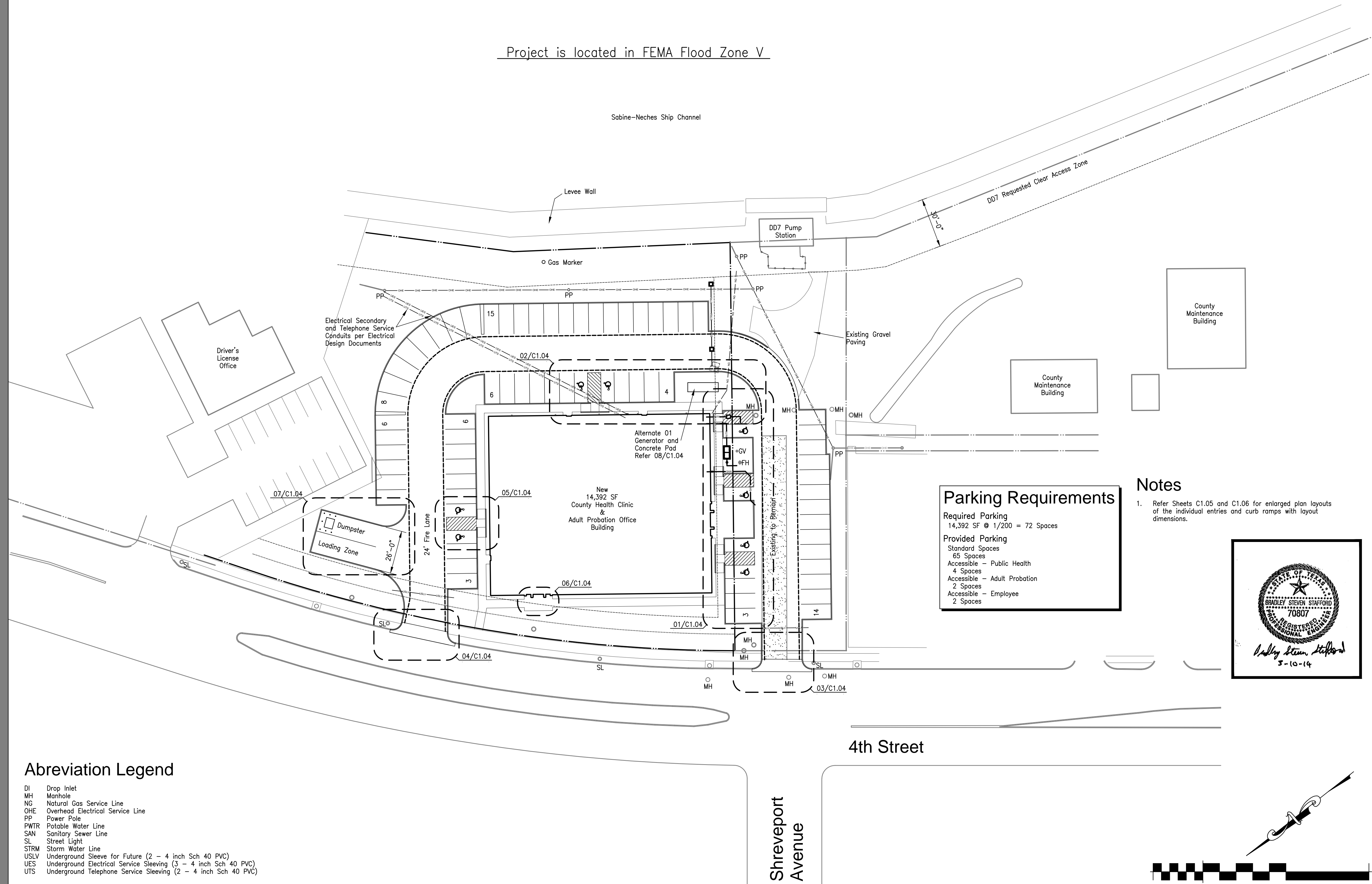
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Project is located in FEMA Flood Zone V



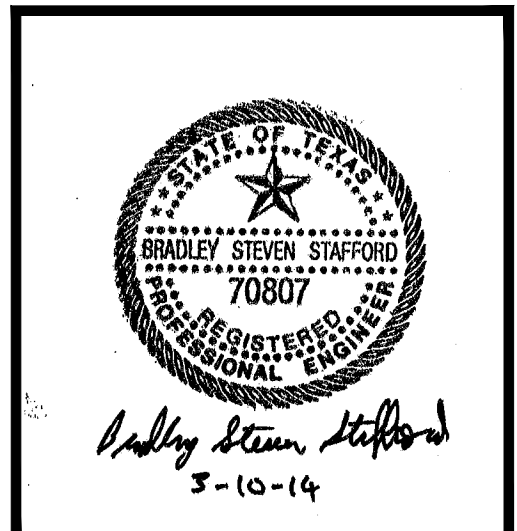
Parking Requirements

Required Parking
14,392 SF @ 1/200 = 72 Spaces

Provided Parking
Standard Spaces
65 Spaces
Accessible - Public Health
4 Spaces
Accessible - Adult Probation
2 Spaces
Accessible - Employee
2 Spaces

Notes

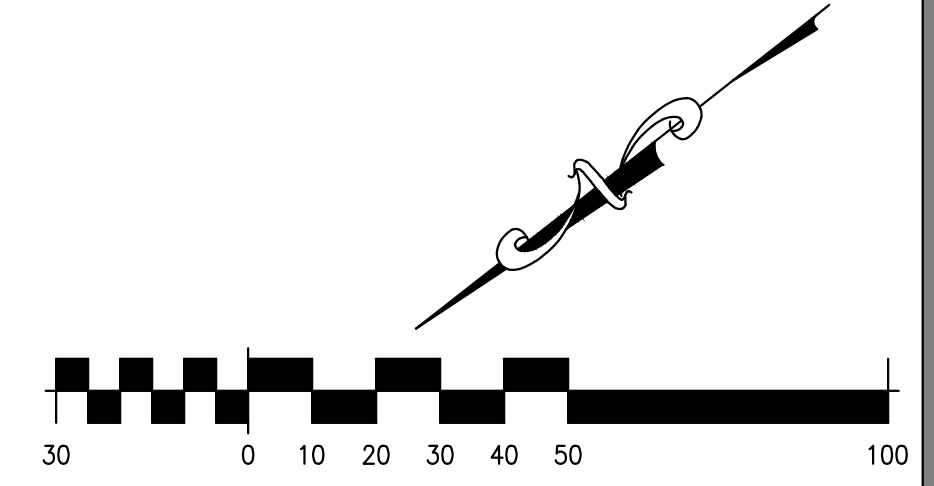
1. Refer Sheets C1.05 and C1.06 for enlarged plan layouts of the individual entries and curb ramps with layout dimensions.



Abbreviation Legend

- DI Drop Inlet
- MH Manhole
- NG Natural Gas Service Line
- OHE Overhead Electrical Service Line
- PP Power Pole
- PWTR Potable Water Line
- SAN Sanitary Sewer Line
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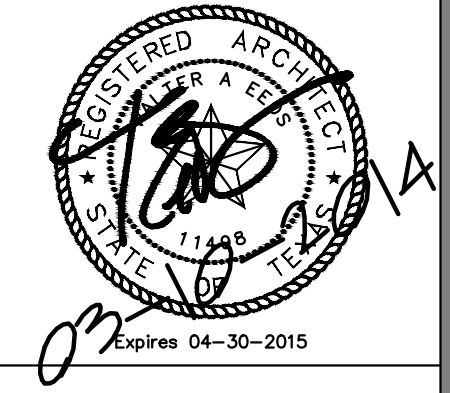
Overall Site Plan - Final Configuration - Civil



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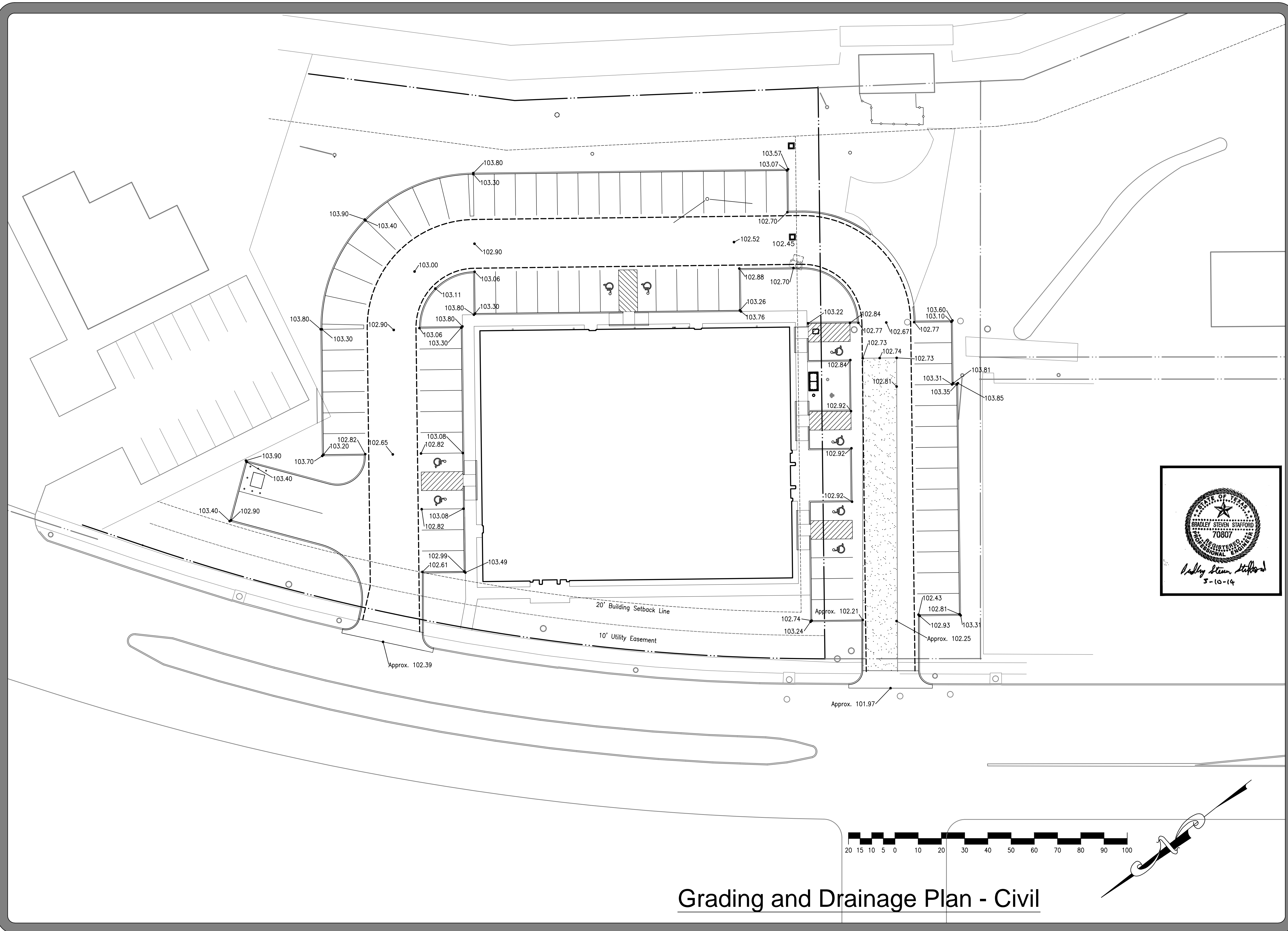
Chica & Associates, Inc.
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505 Orleans, Suite 106
Ph.: (409) 833-4343
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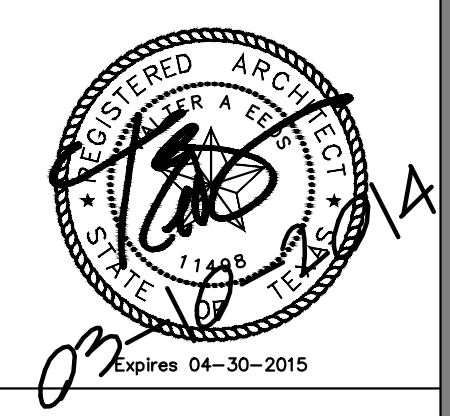
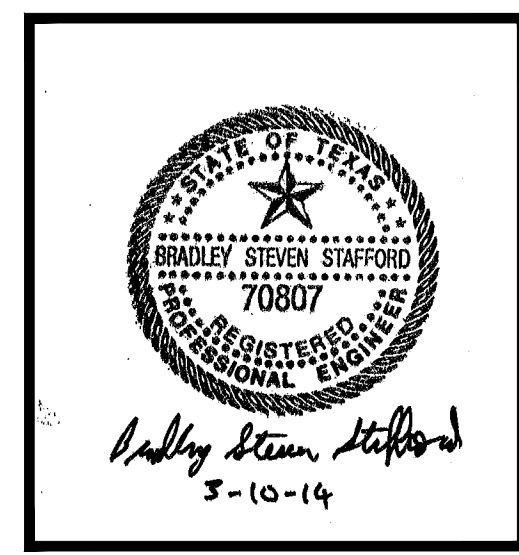
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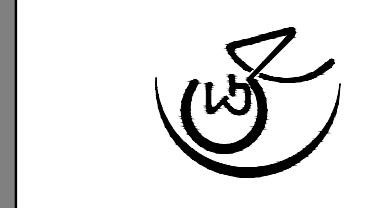
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Grading and Drainage Plan - Civil



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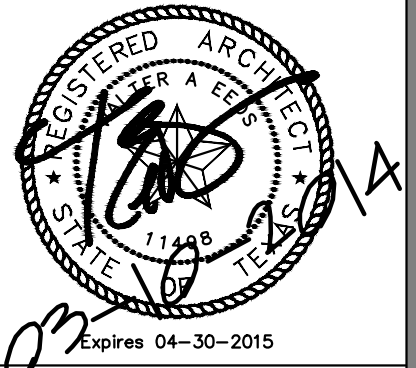
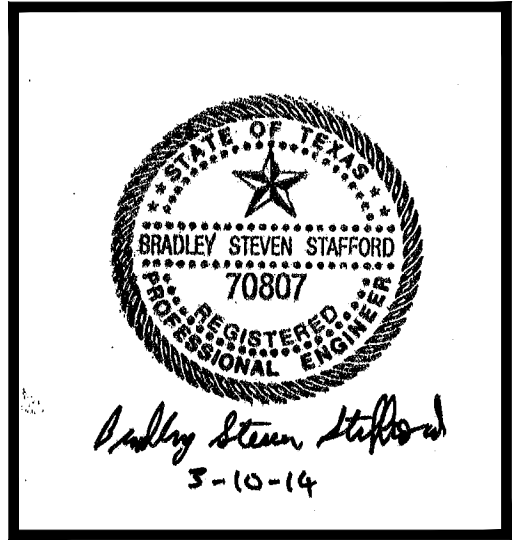
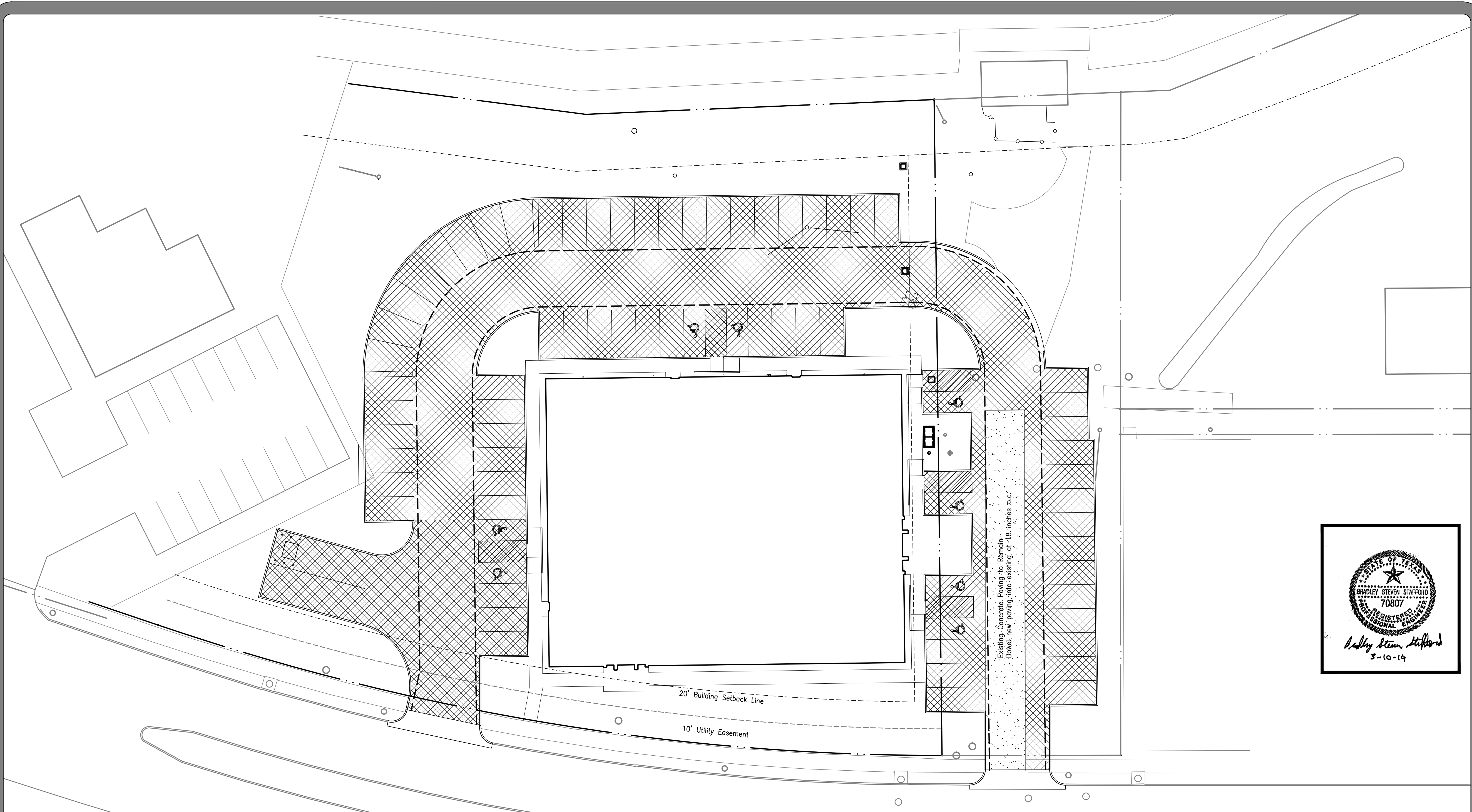
C1.02

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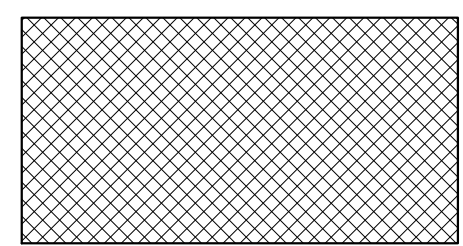
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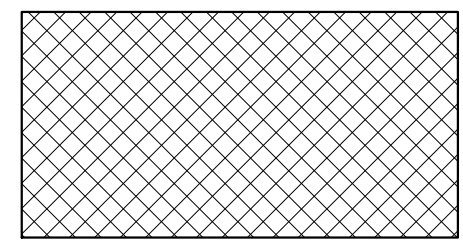
C1.03

Paving Legend



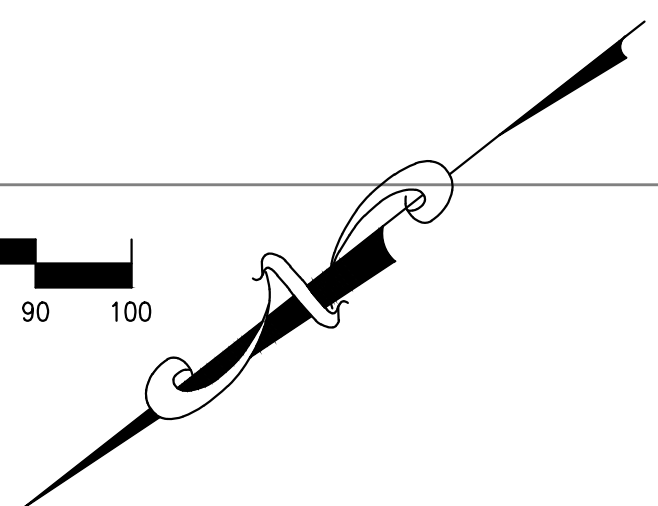
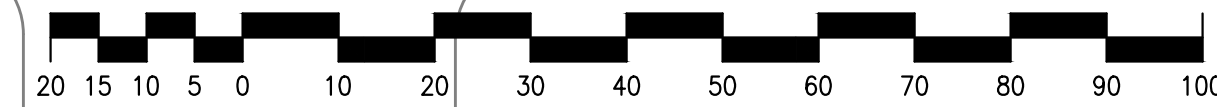
10 inch Concrete Paving

#3 Bars at 18 inches OCEW with Prepared Subbase per Soils Report Requirements



6 inch Concrete Paving

#3 Bars at 18 inches OCEW with Prepared Subbase per Soils Report Requirements

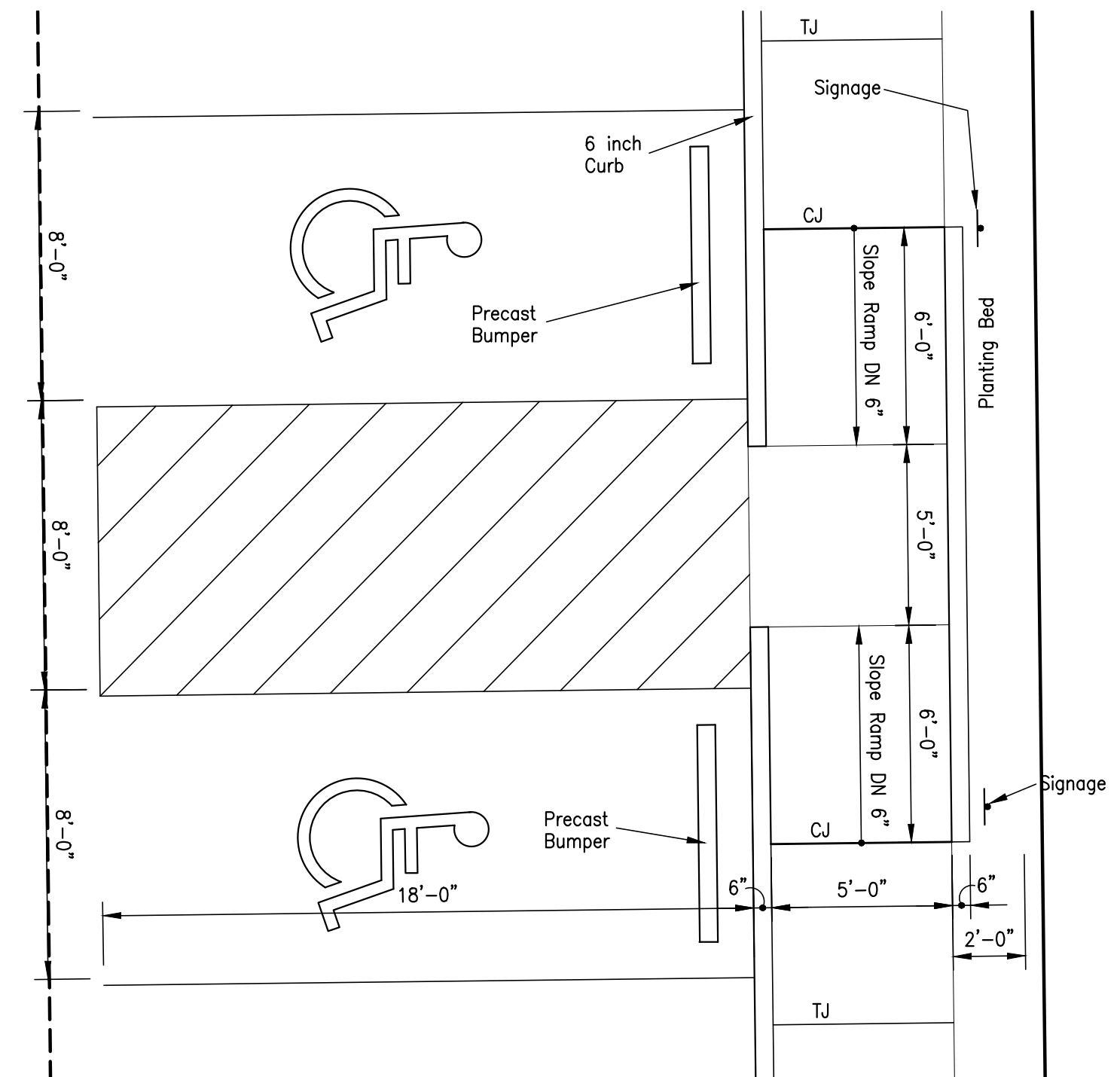


Paving Plan - Civil

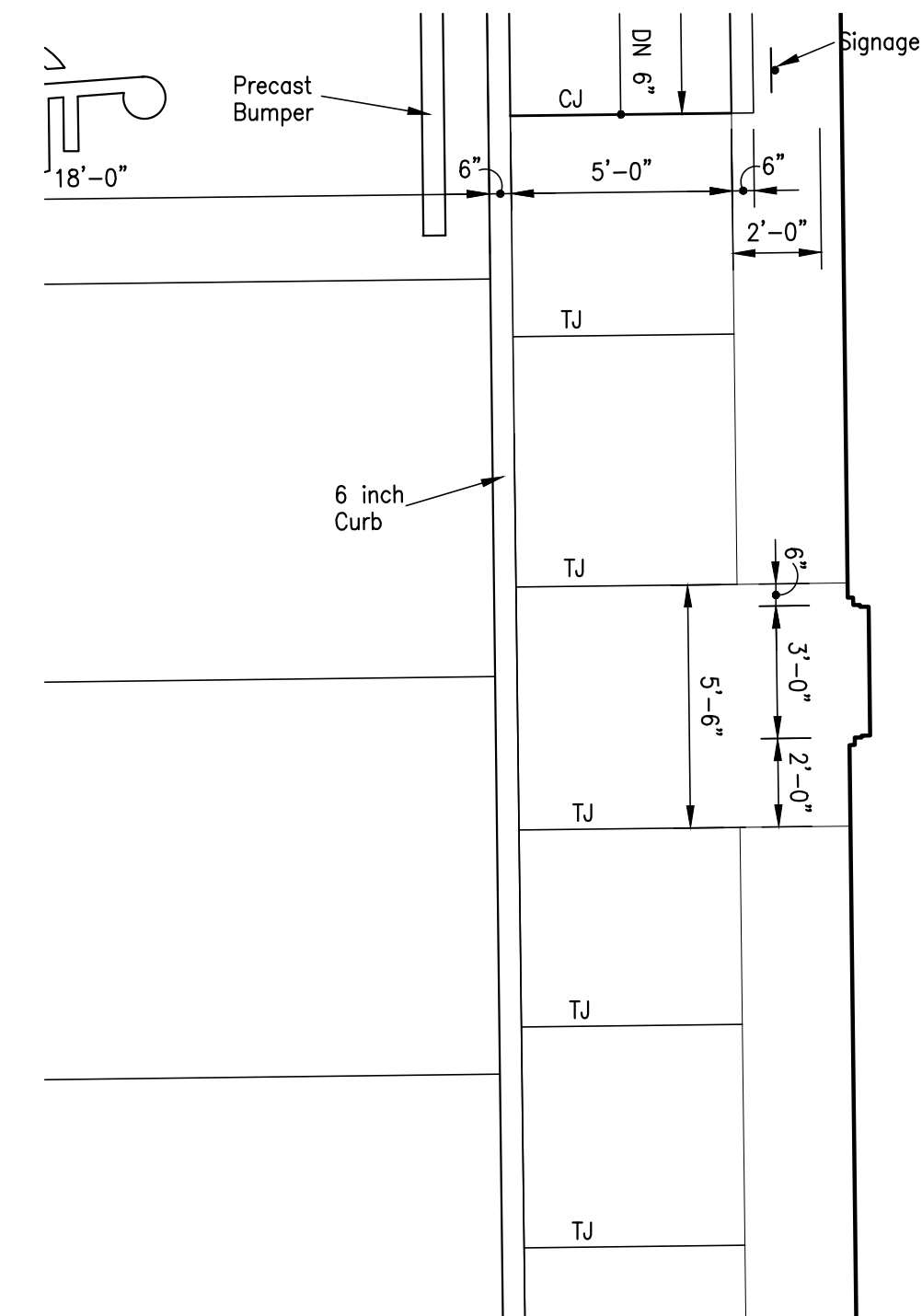
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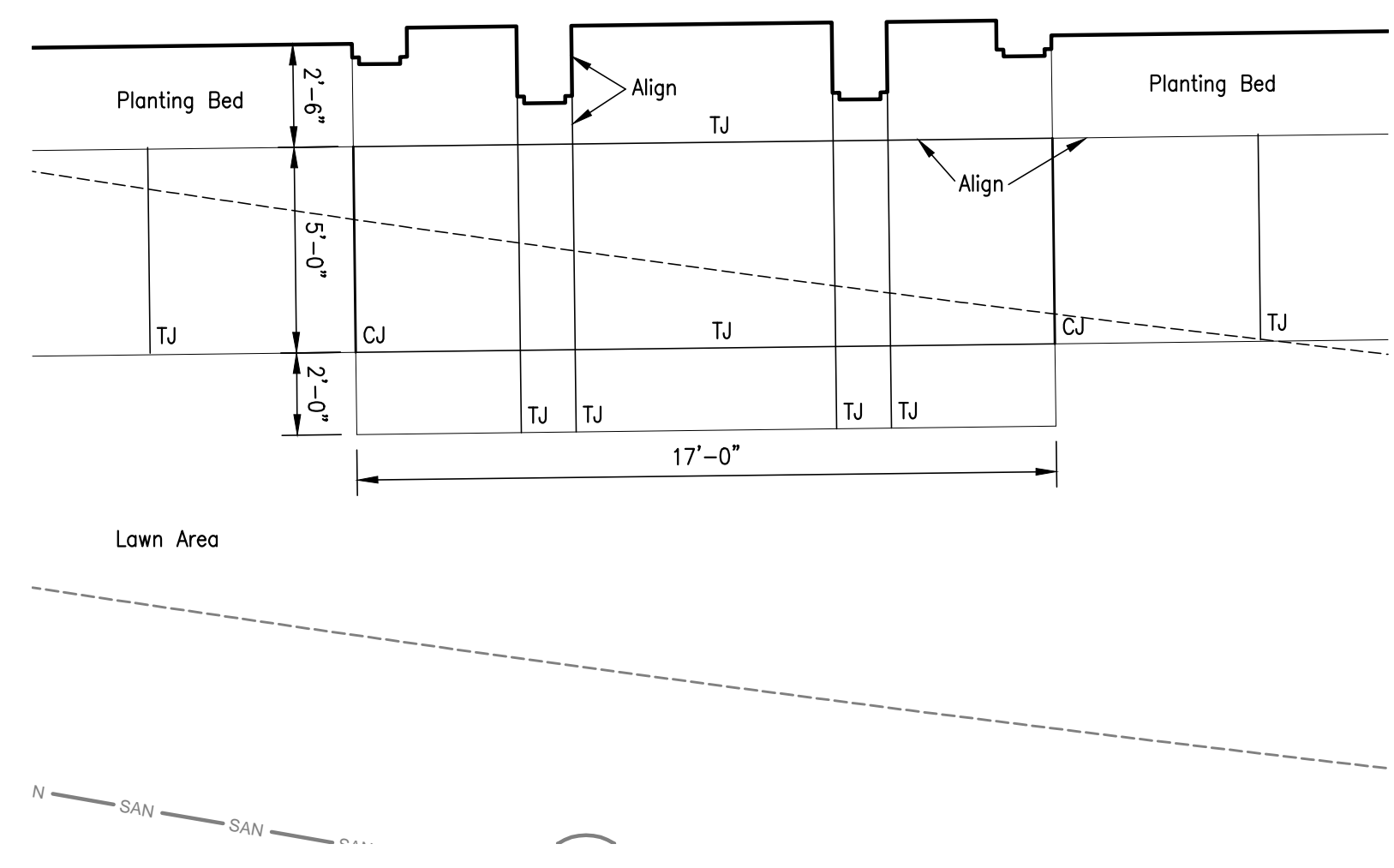
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06 - Enlarged Plan Detail

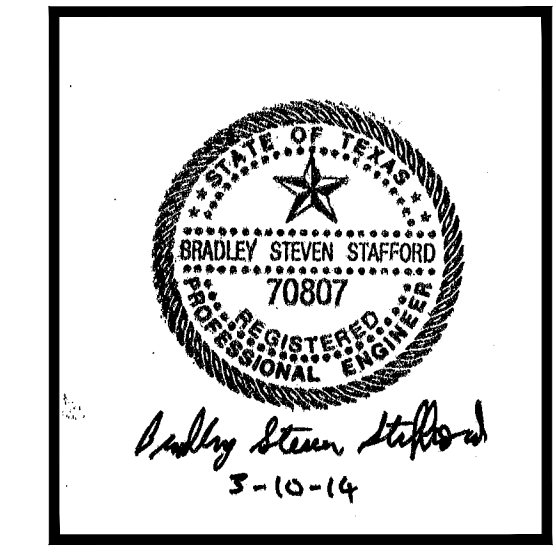


05 - Enlarged Plan Detail

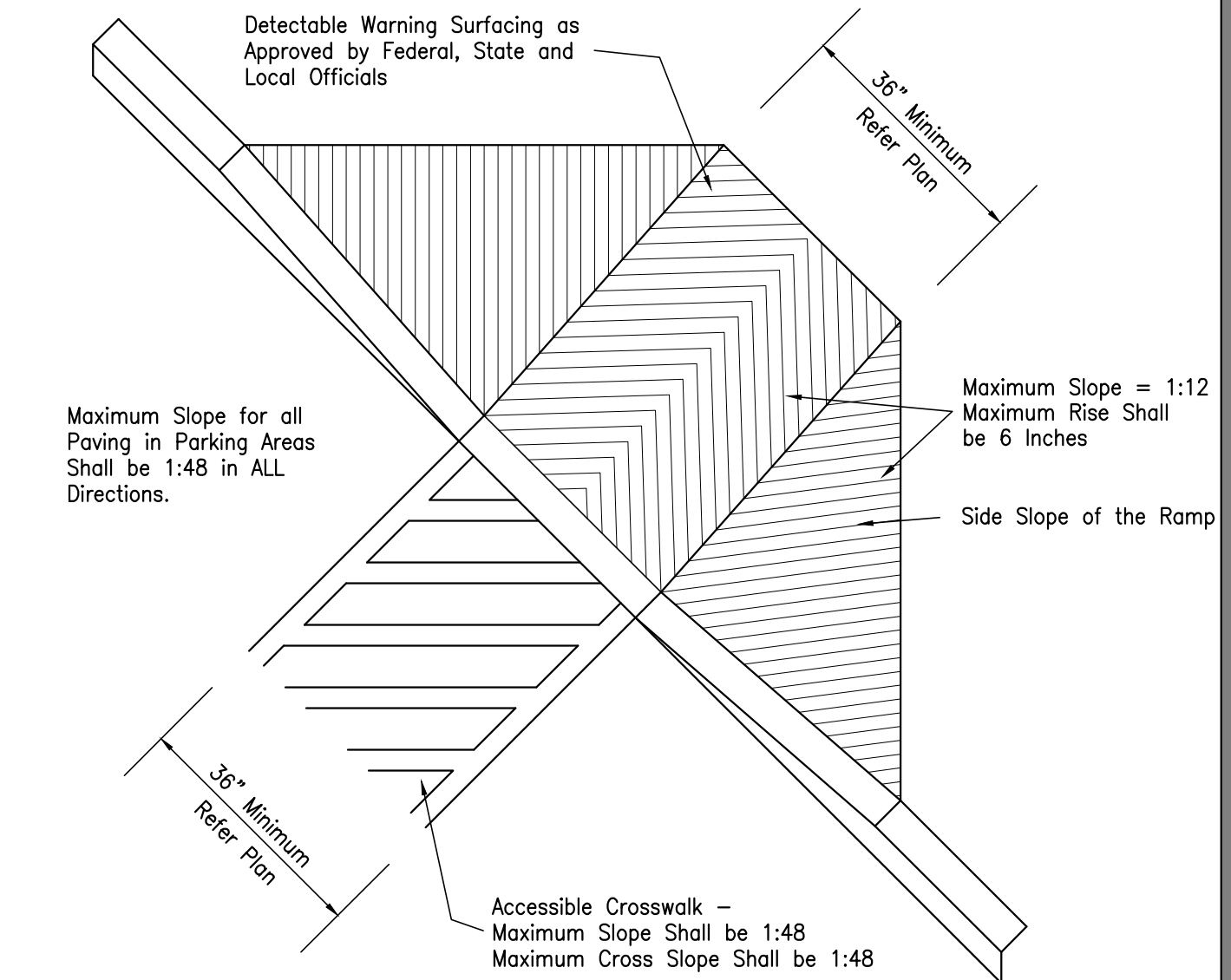


04 - Enlarged Plan Detail

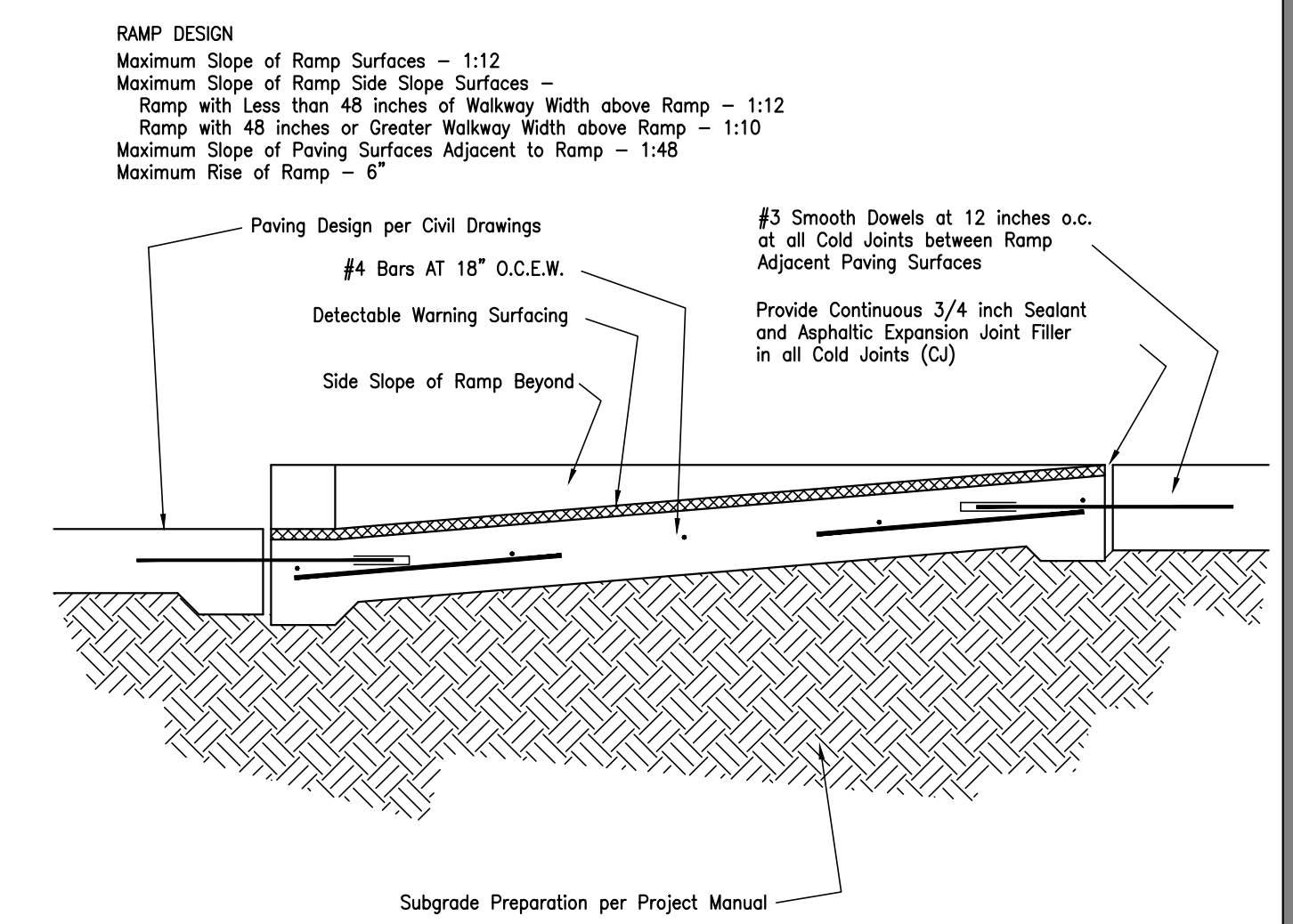
03 - Not Used



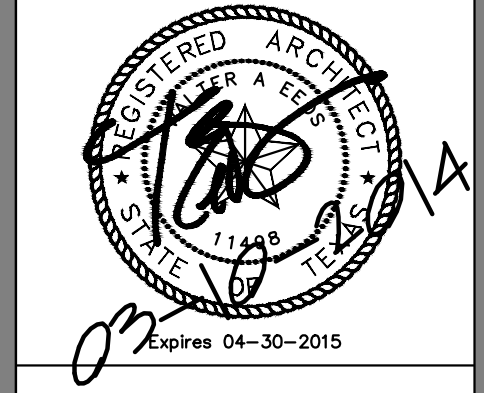
Site Paving Details - Civil



02 - HC Ramp Isometric



01 - HC Ramp Section



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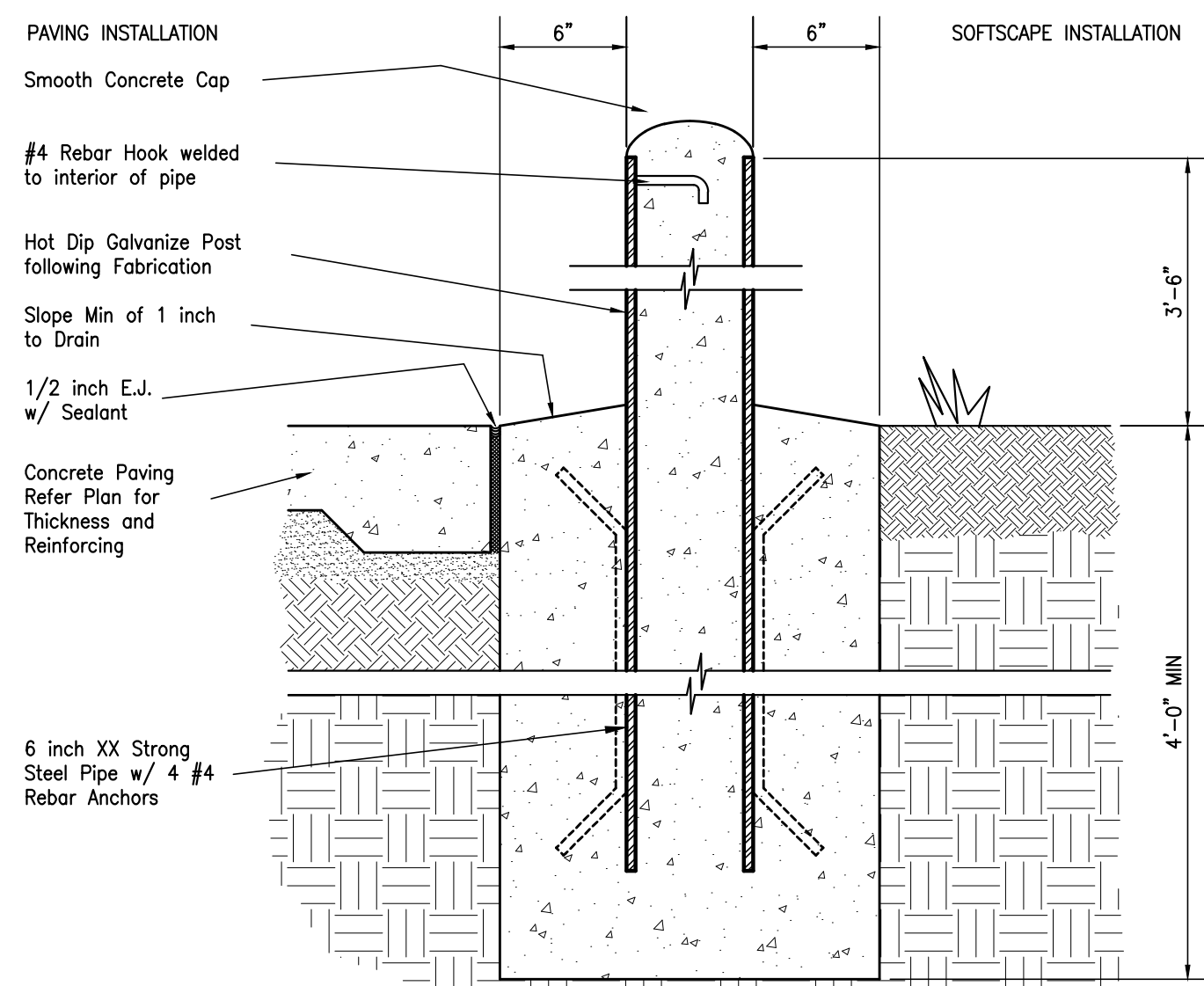
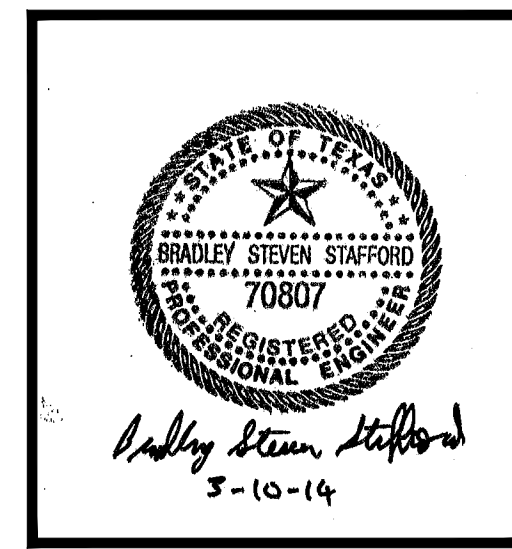


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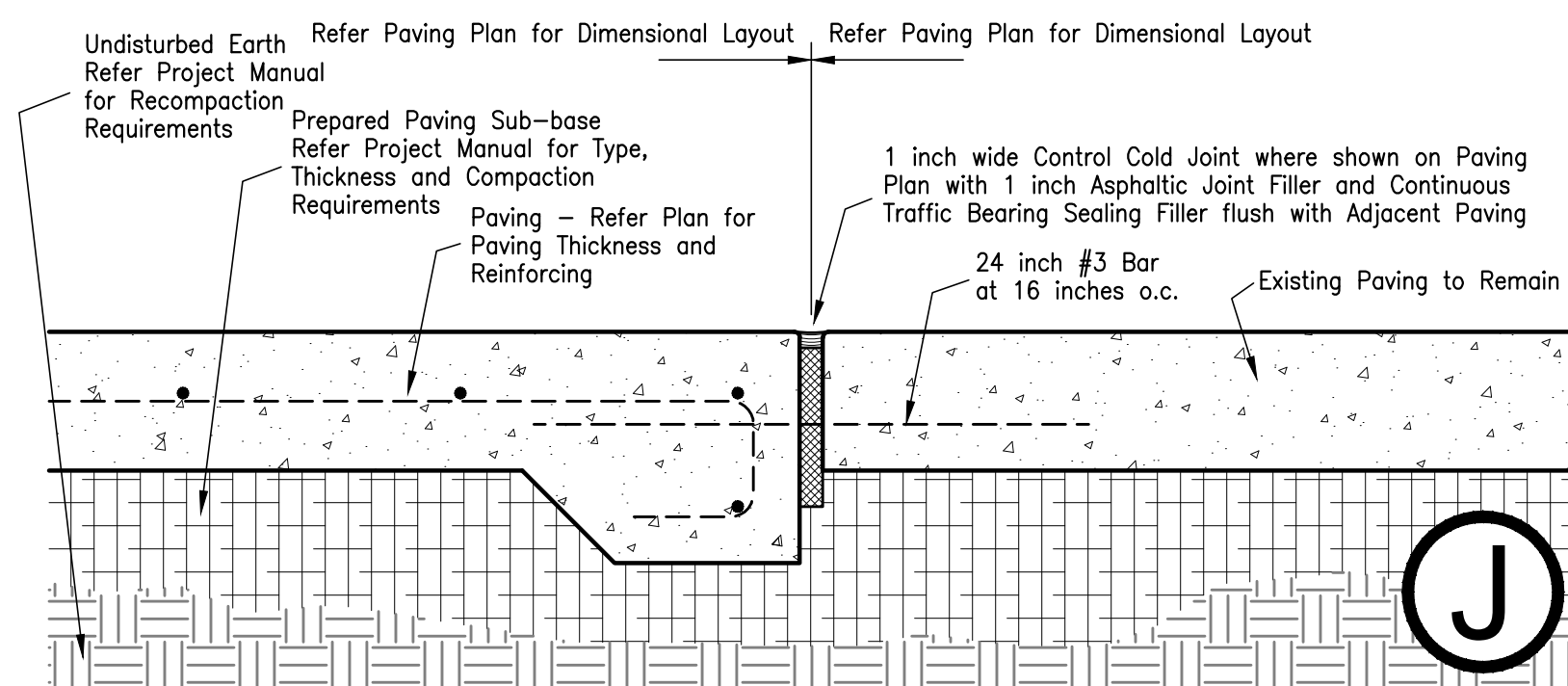
C1.06

Do not scale plots to fit 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet as to be printed at 11x17 (ANSI B)

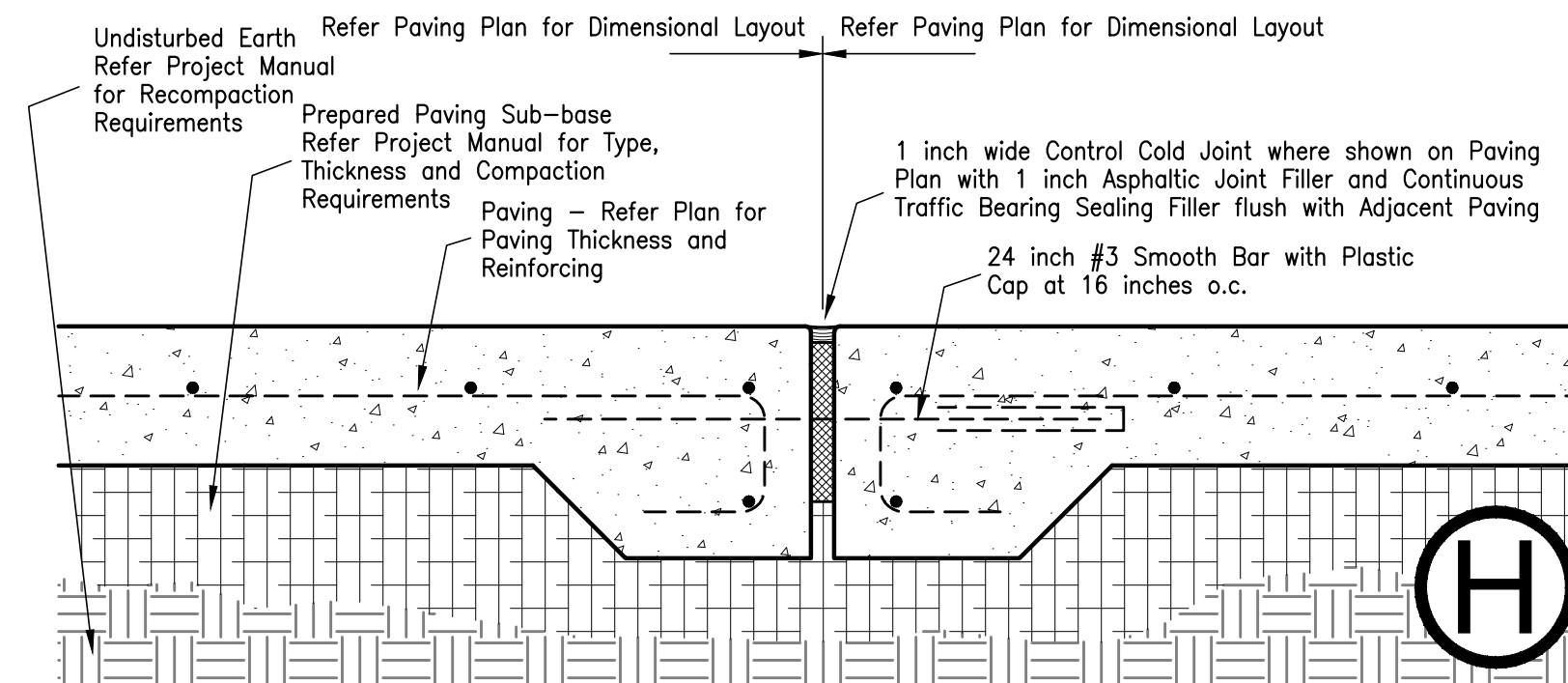
Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet as to be printed at 11x17 (ANSI B)



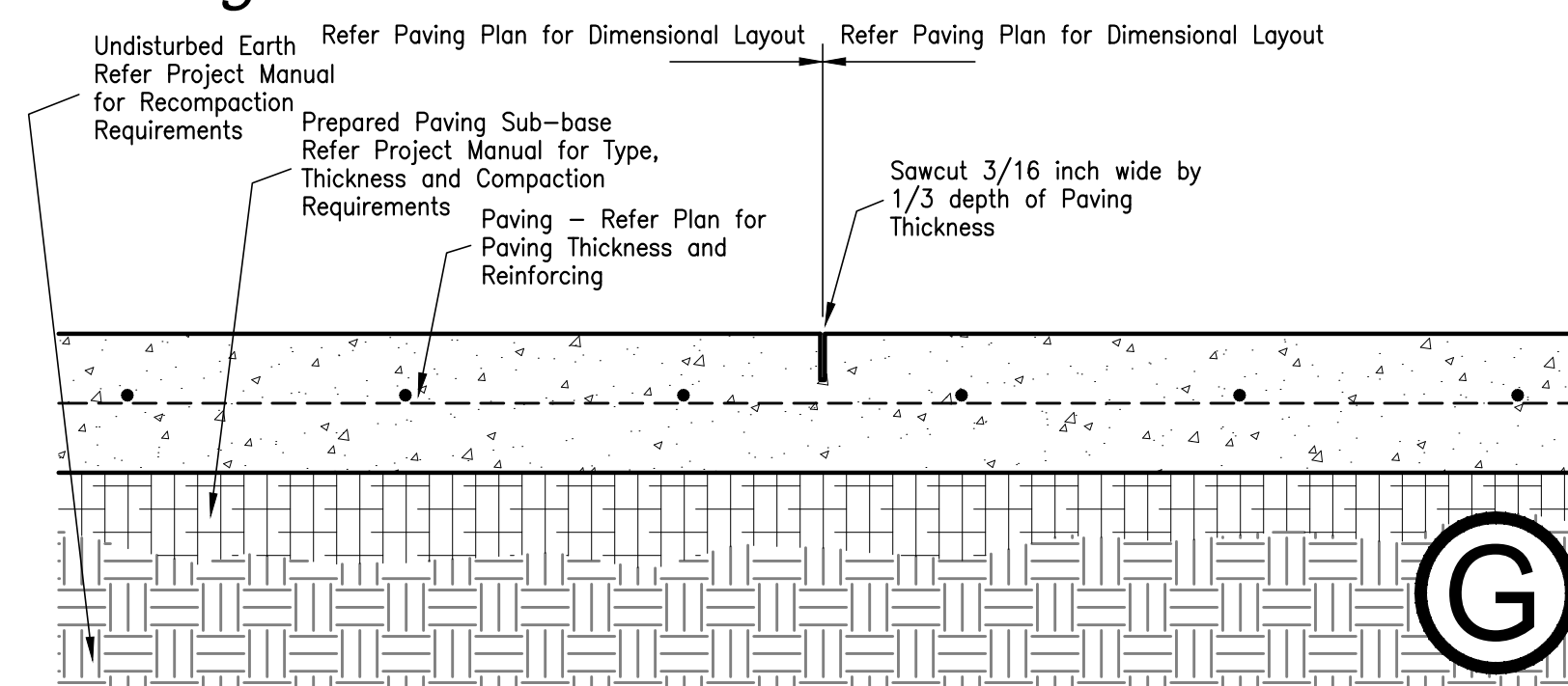
02 - Pipe Bollard



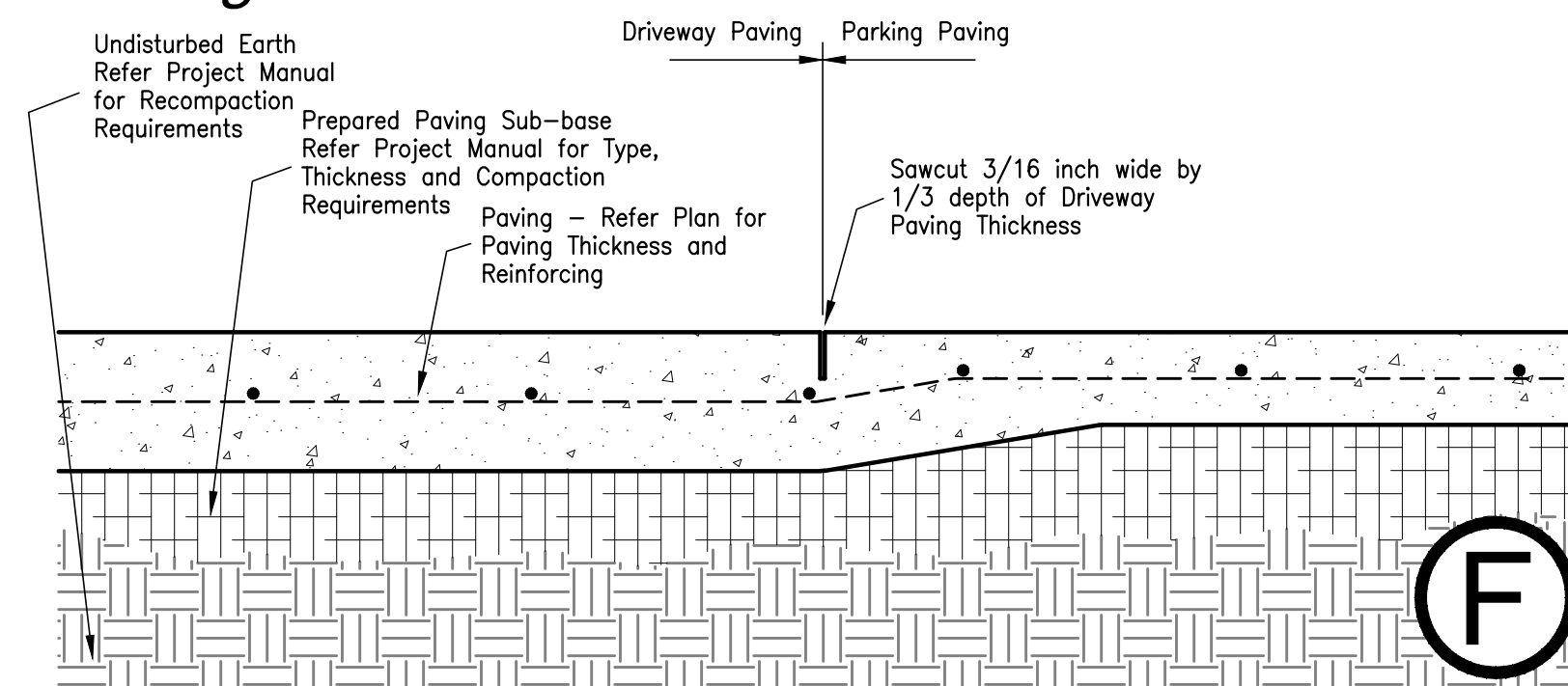
Paving with Cold Joint at Existing Paving



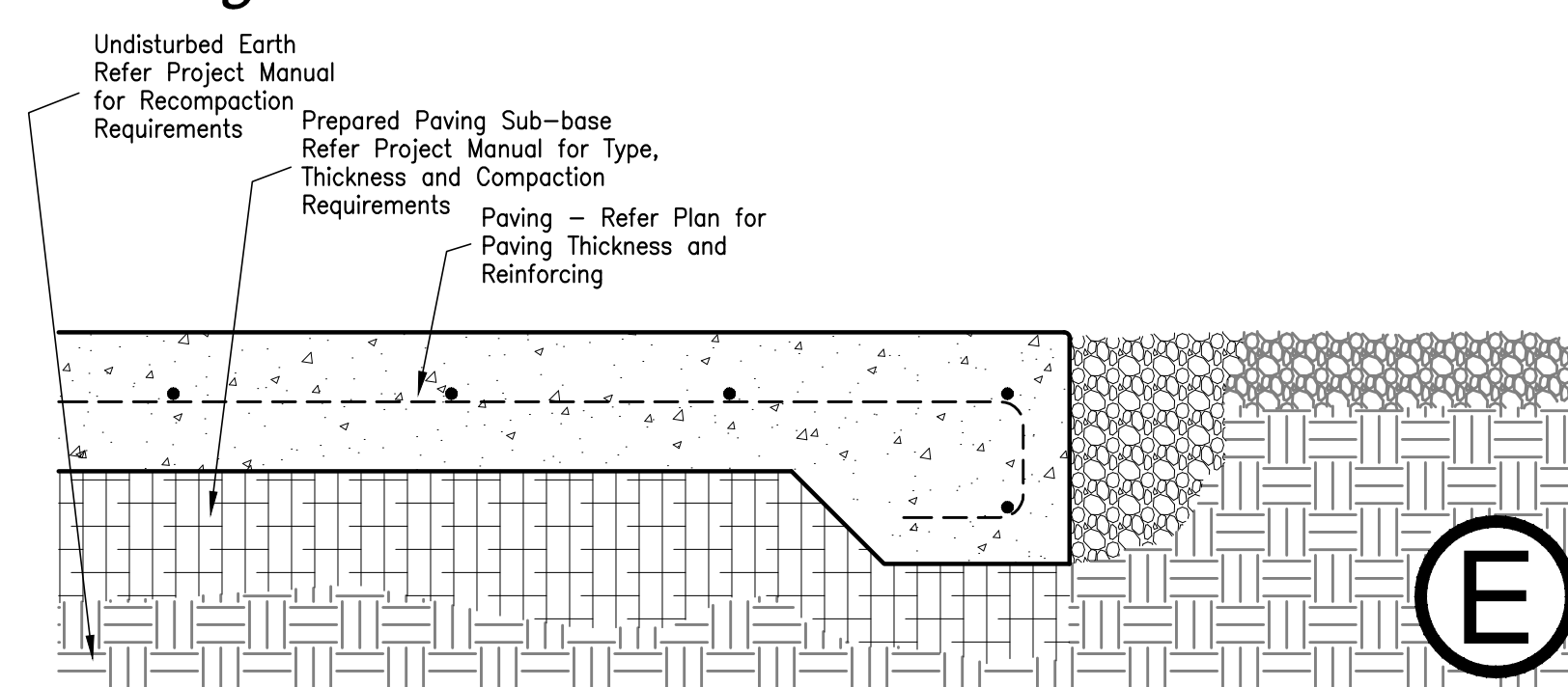
Paving with Construction Cold Joint



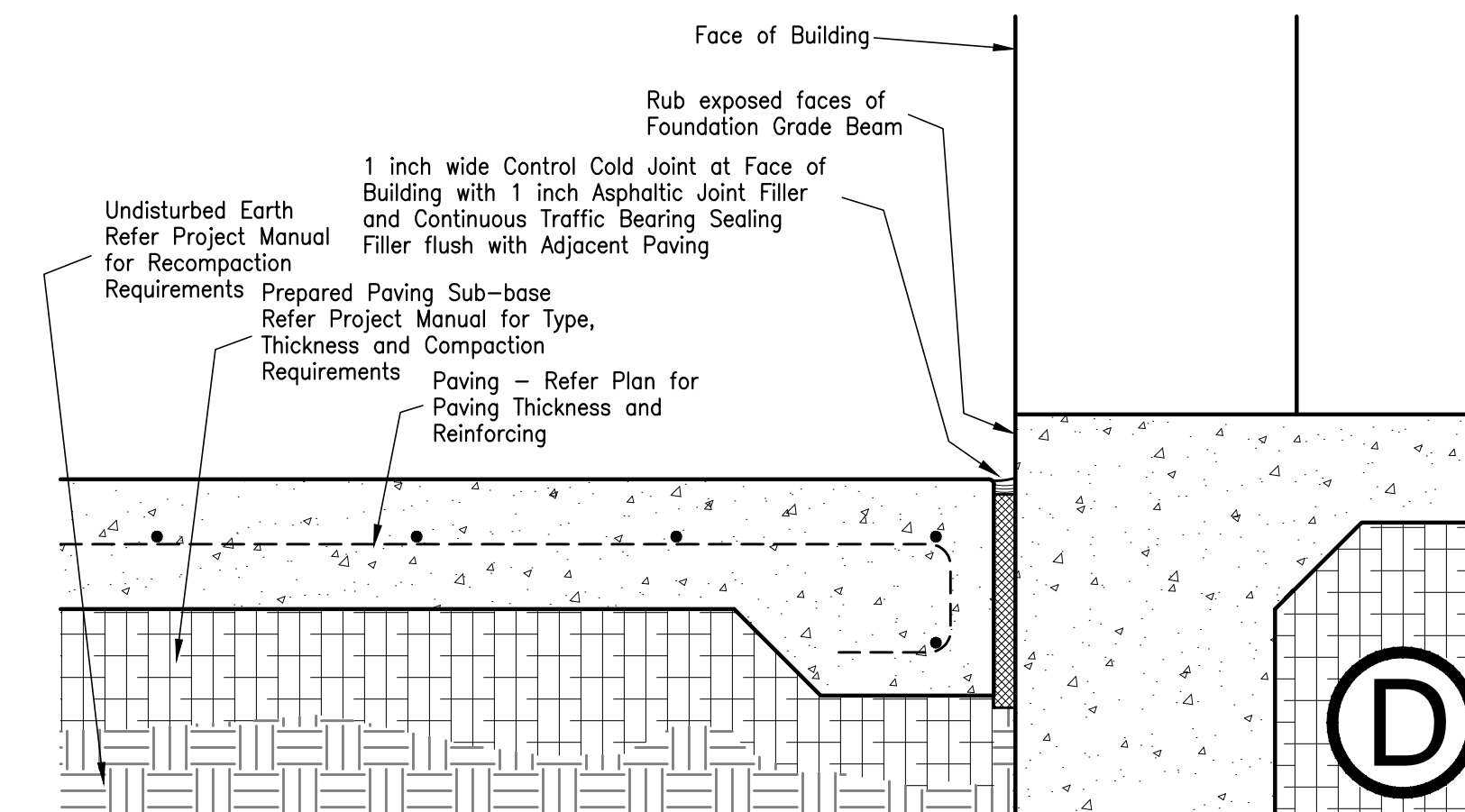
Paving with Sawn Control Joint



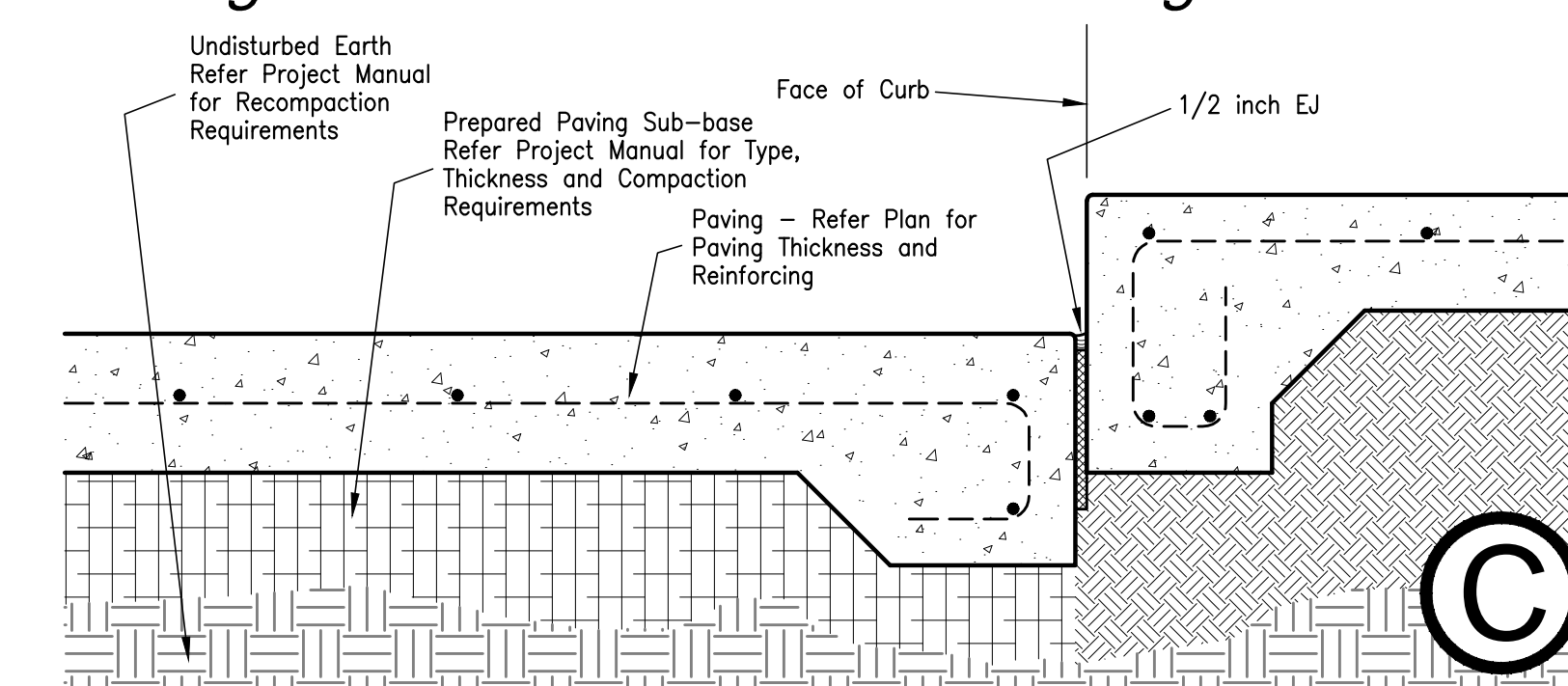
Paving Thickness Transition with Sawn Control Joint



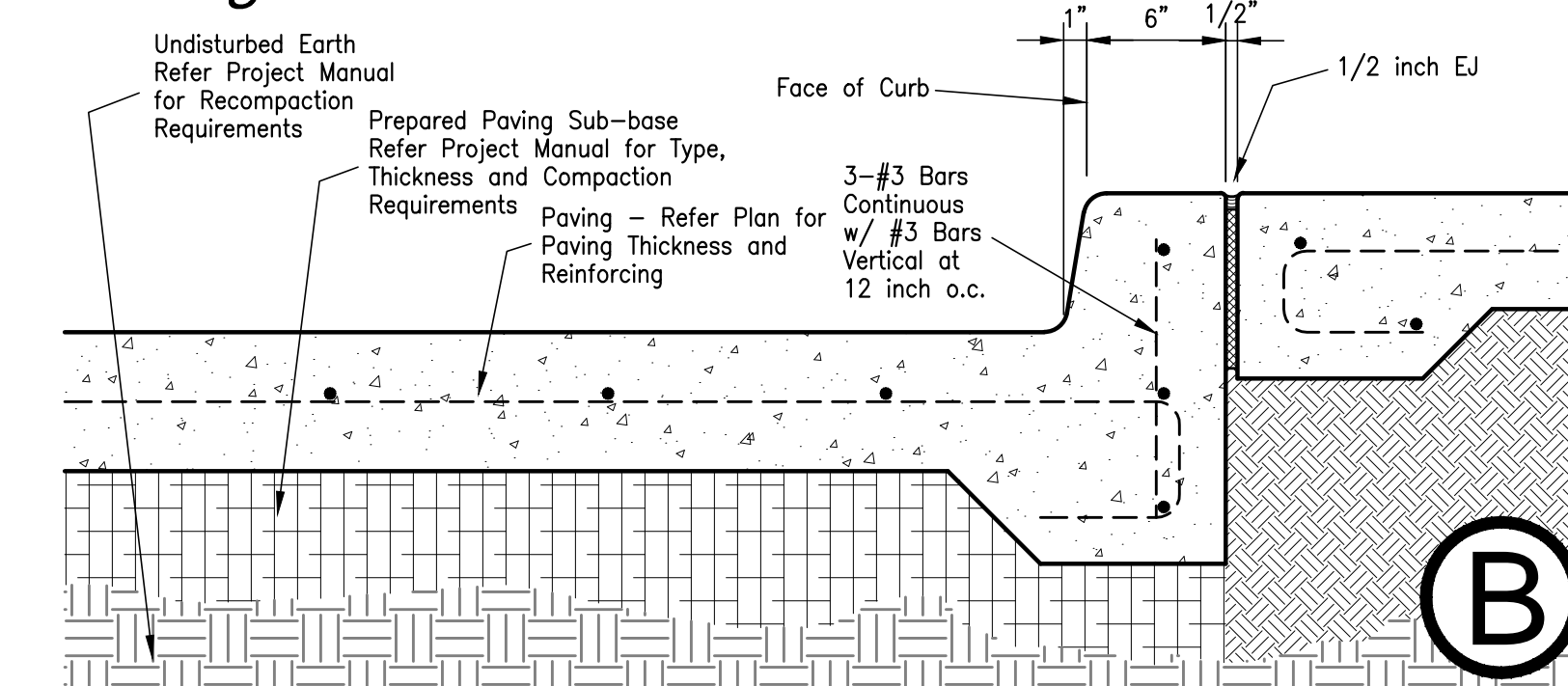
Paving without Curb at Existing Landscape/Paving Area



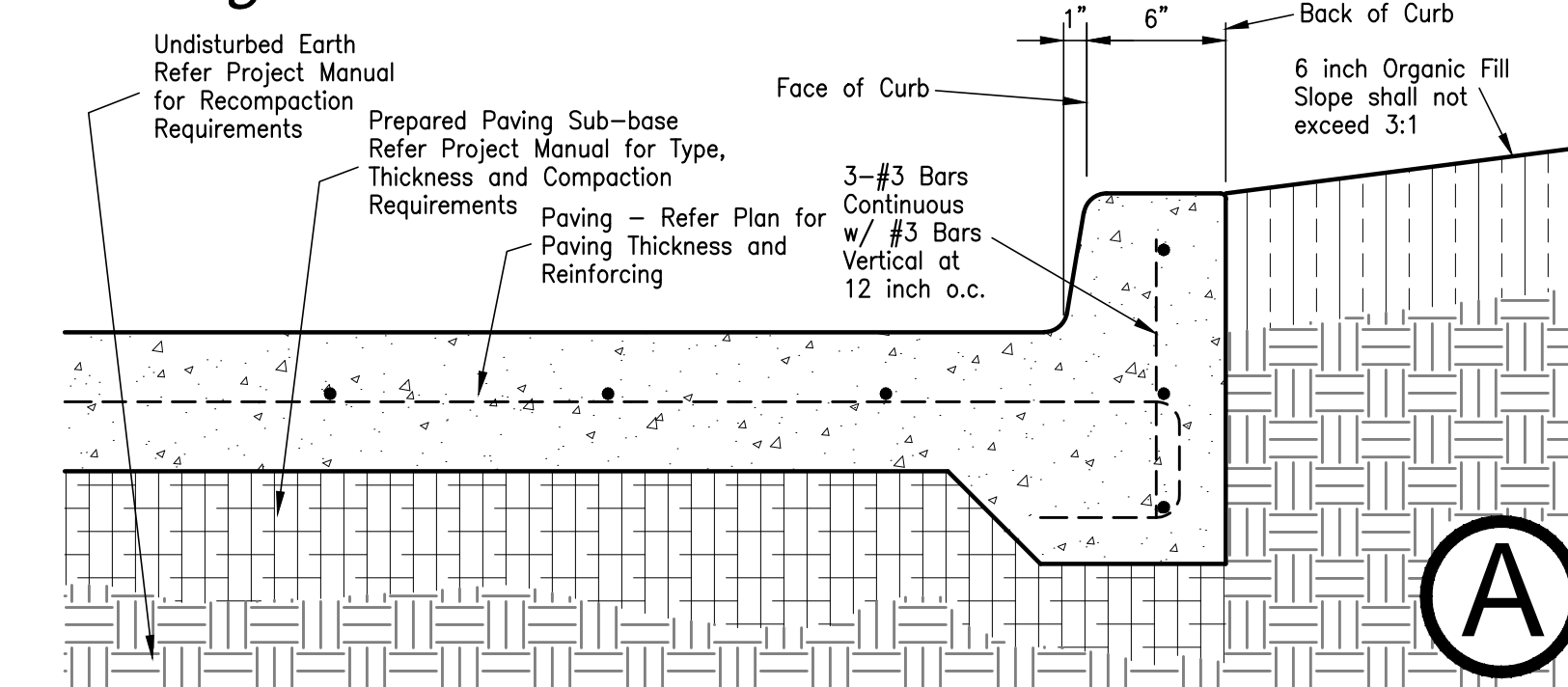
Paving without Curb at Face of Building



Paving without Curb at Sidewalk



Paving with Curb at Sidewalk



Paving with Curb at Landscape Area

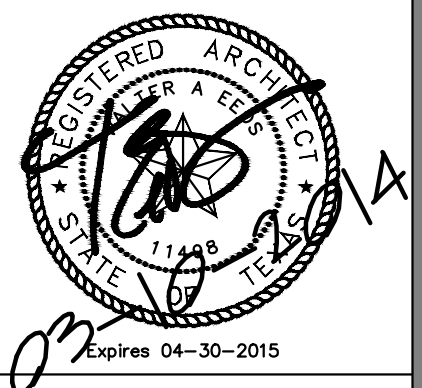
01 - Paving Sections and Termination Details

Site Details - Civil

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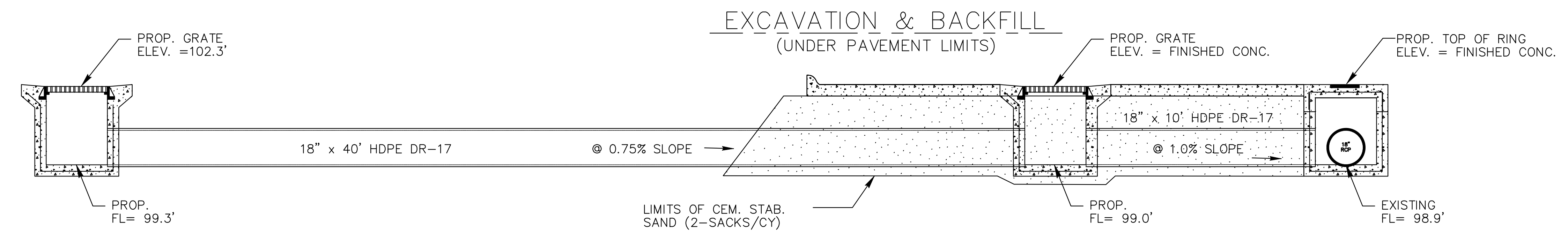
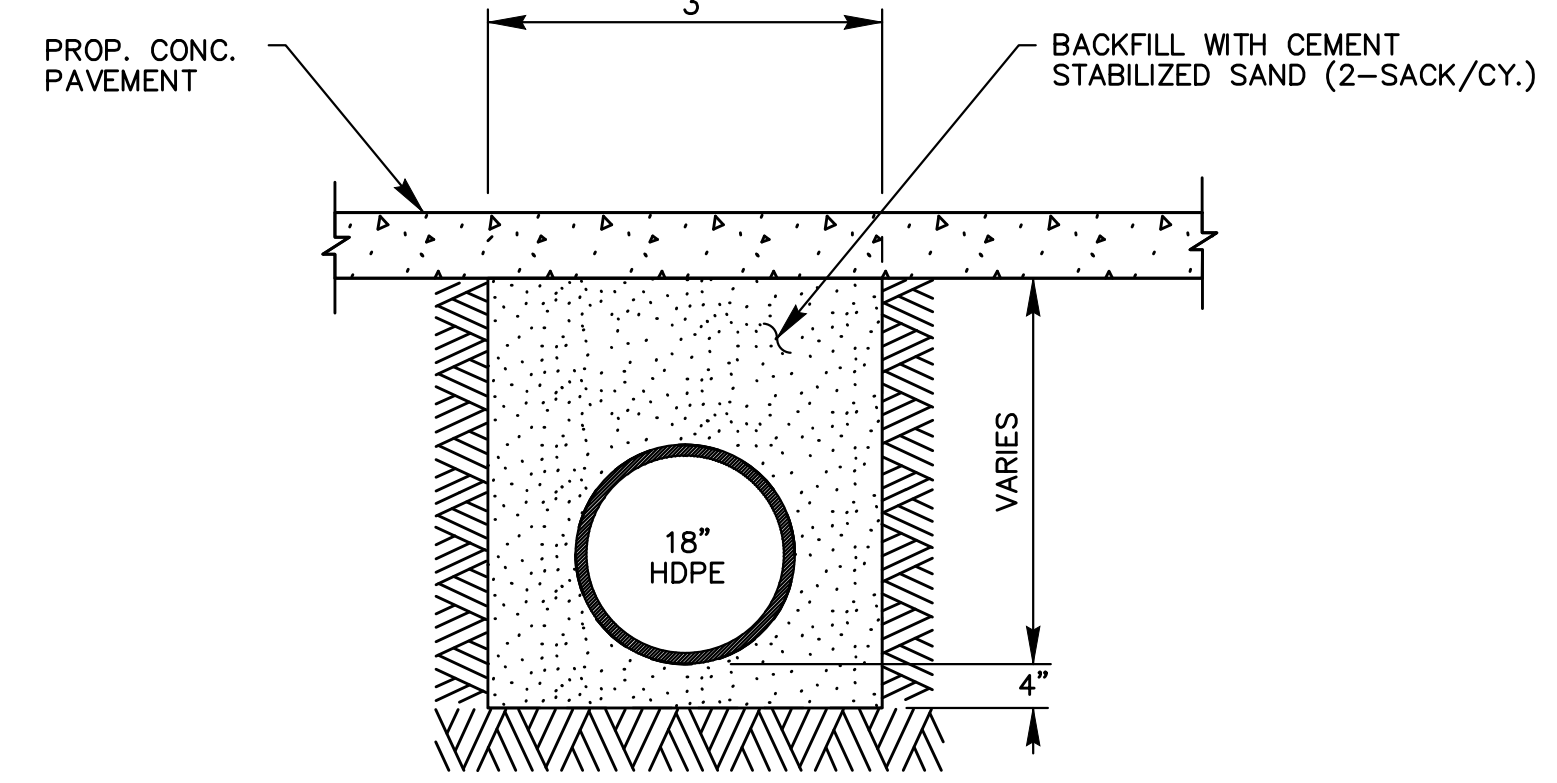
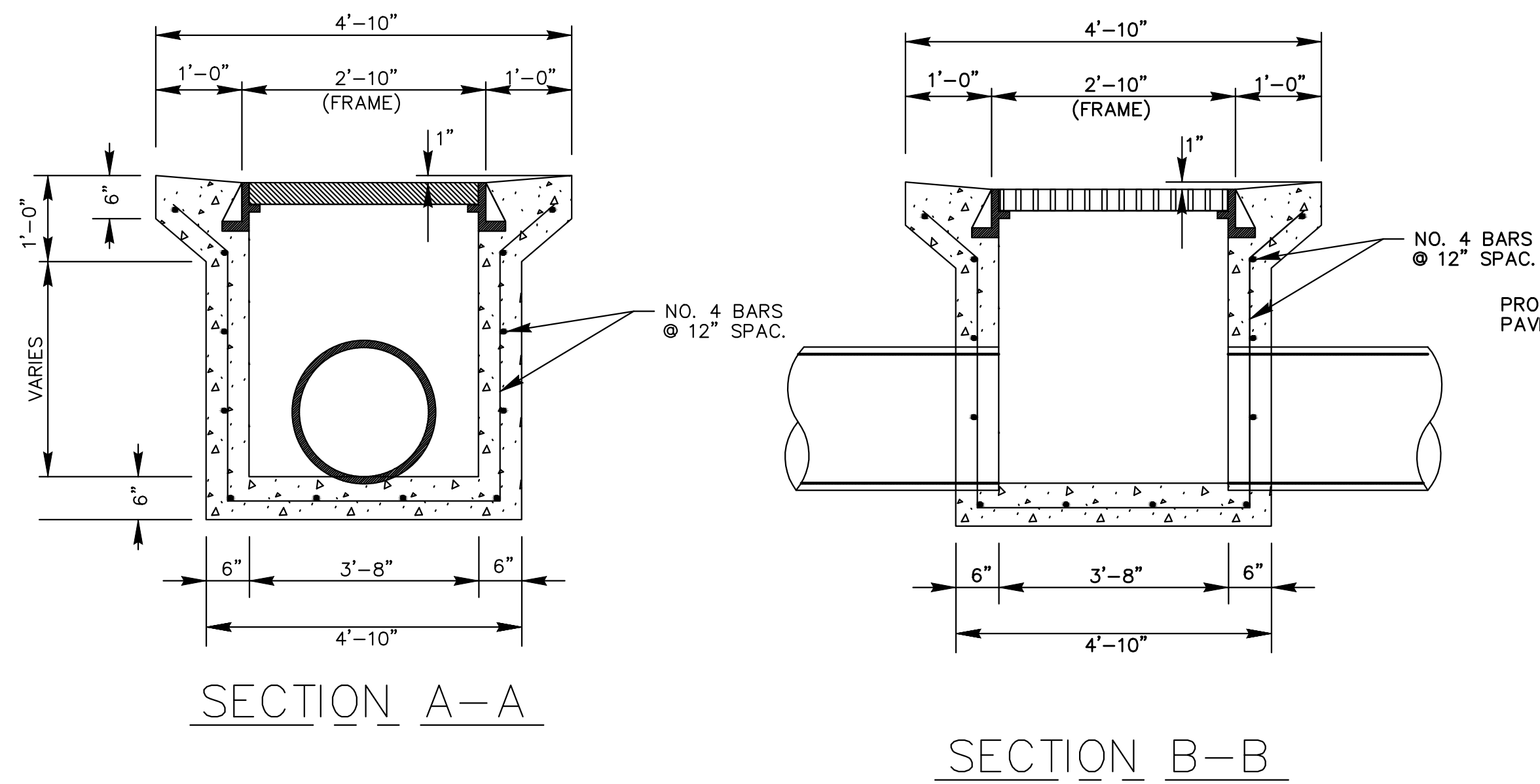
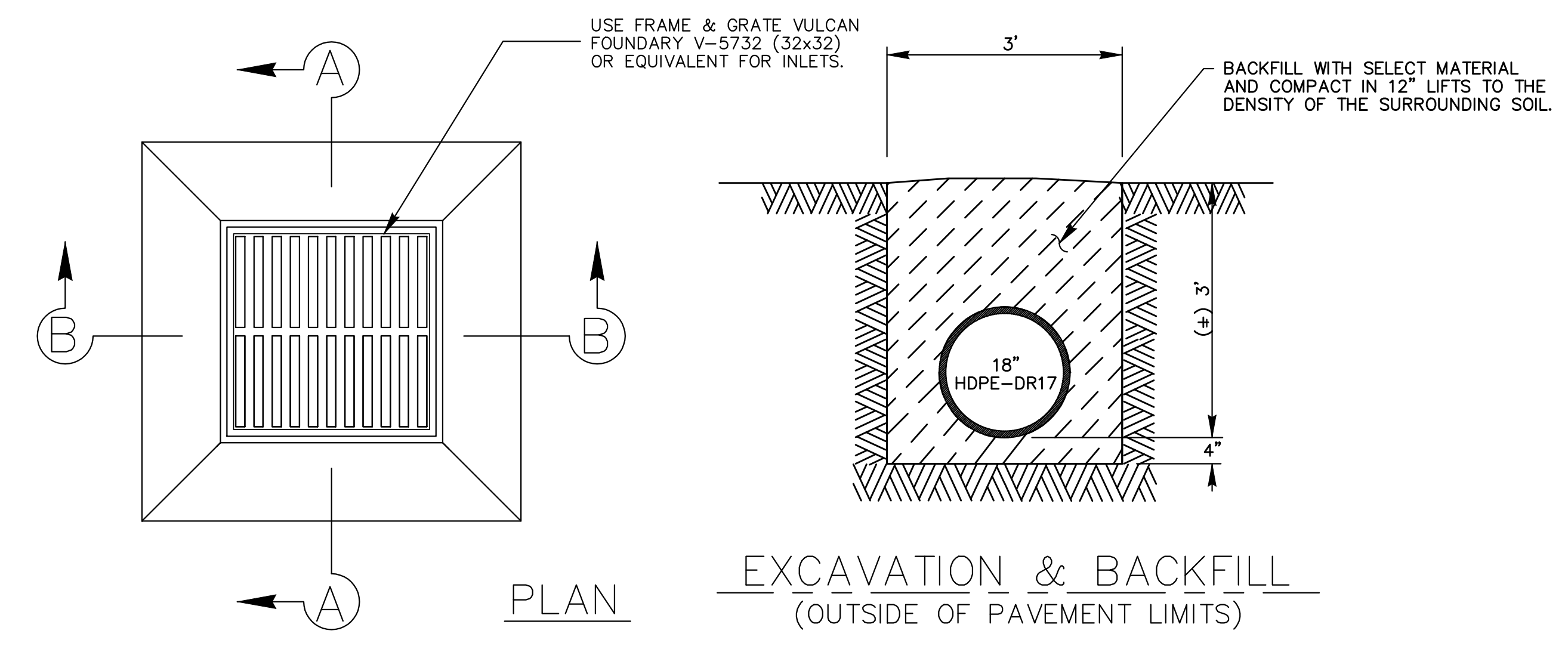


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C1.07

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STORM SEWER INLET DETAILS

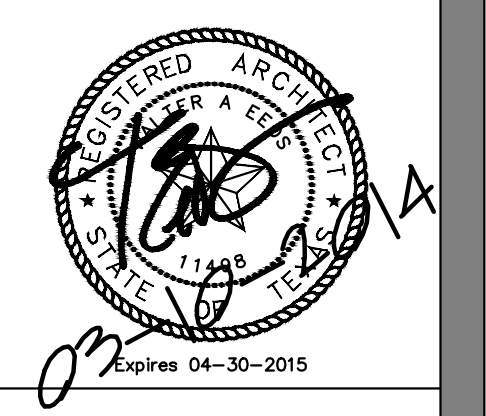
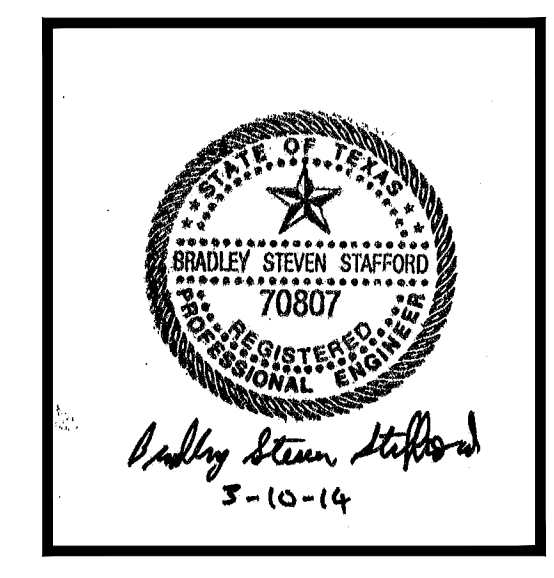
GENERAL NOTES:

1. ALL CONCRETE SHALL BE CLASS "A" ($f'c=3,000$ psi). CHAMFER ALL EXPOSED CORNERS $3/4"$.
2. ALL REINFORCING STEEL SHALL BE NO. 4 BARS GRADE 60 ON 12" (MAX.) SPACING BOTH HORIZONTAL AND VERTICAL. LAP PROPOSED STEEL A MINIMUM OF 1'-9".
3. THE CAST IRON FRAMES, GRATES, RINGS, AND COVERS ON NEW AND MODIFIED INLETS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED SUBSIDIARY TO THE INSTALLATION OR MODIFICATION OF INLETS.
4. NEW INLETS ARE TO BE PRECAST.
5. EXISTING INLET IS TO BE MODIFIED. BREAK BACK THE EXISTING TOP OF THE INLET TO 1' BELOW PROPOSED CONCRETE FINISHED GRADE. RETAIN AND CLEAN 1' OF EXISTING REINFORCING STEEL.

REPLACE TOP WITH CLASS "A" CONCRETE 7" THICK MATCHING PROPOSED PAVEMENT SLOPE. ALL TOP SLAB REINFORCING STEEL SHALL BE NO. 4 BARS PLACED AT 6" SPACING'S (BOTH DIRECTIONS). LAP PROPOSED TOP REINFORCING STEEL 9" MINIMUM TO EXISTING REINFORCING STEEL.

INSTALL NEW RING & COVER THAT CONFORMS TO THE REQUIREMENTS OF AASHTO M306, "STANDARD SPECIFICATION FOR DRAINAGE STRUCTURE CASTINGS".

IN AREAS OF CONFLICT BETWEEN REINFORCING STEEL, BLOCK OUTS, PIPES OR OTHER REINFORCING STEEL, THE REINFORCEMENT SHALL BE BENT OR ADJUSTED TO CLEAR AS DIRECTED BY THE ENGINEER.



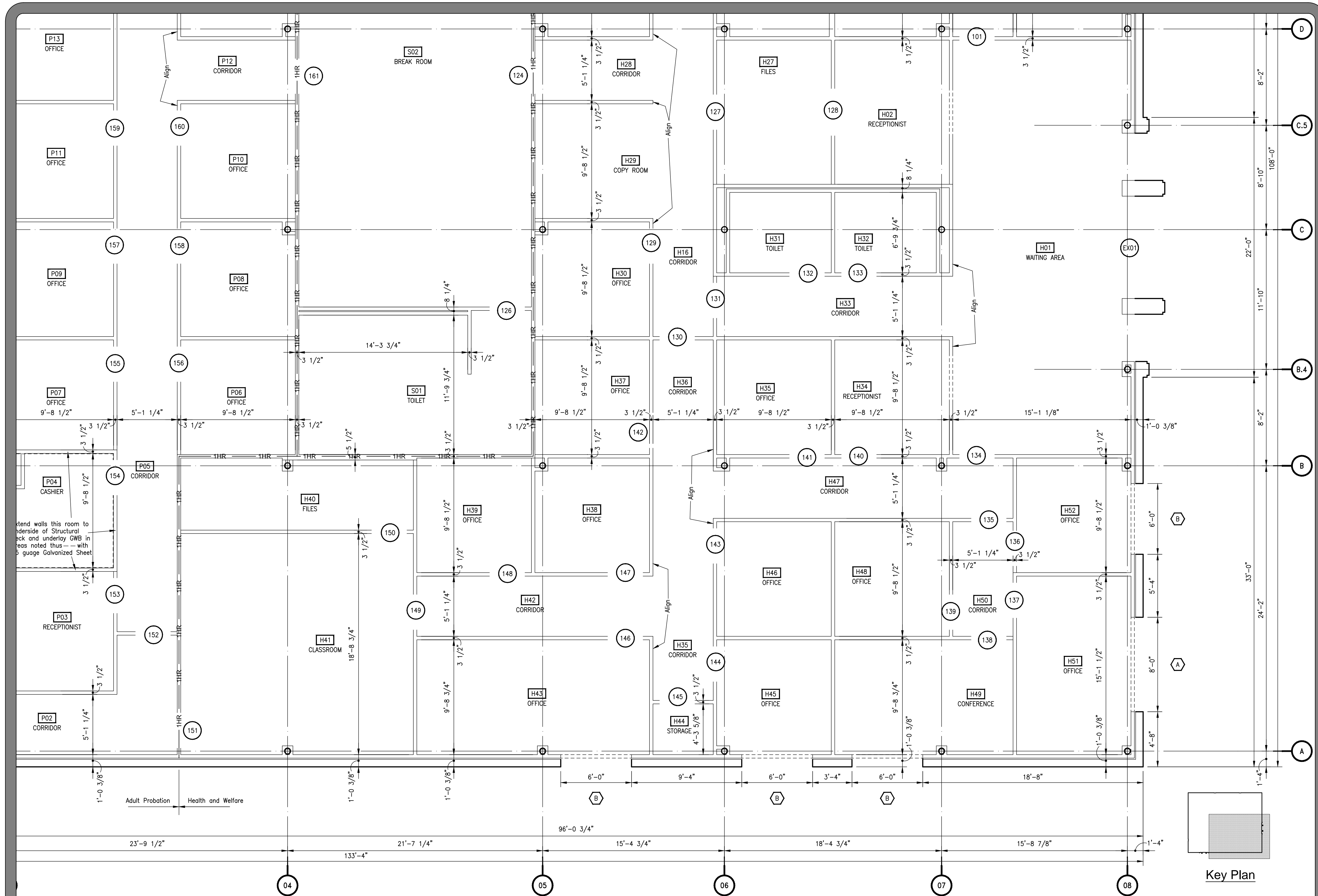
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C1.08

Storm Sewer Extension - Civil

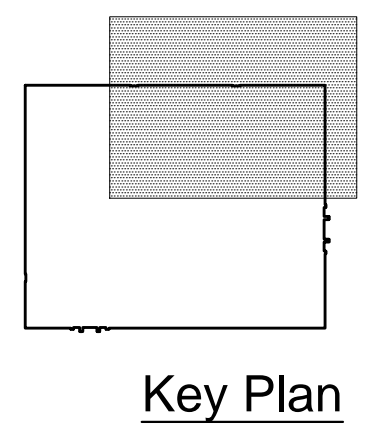
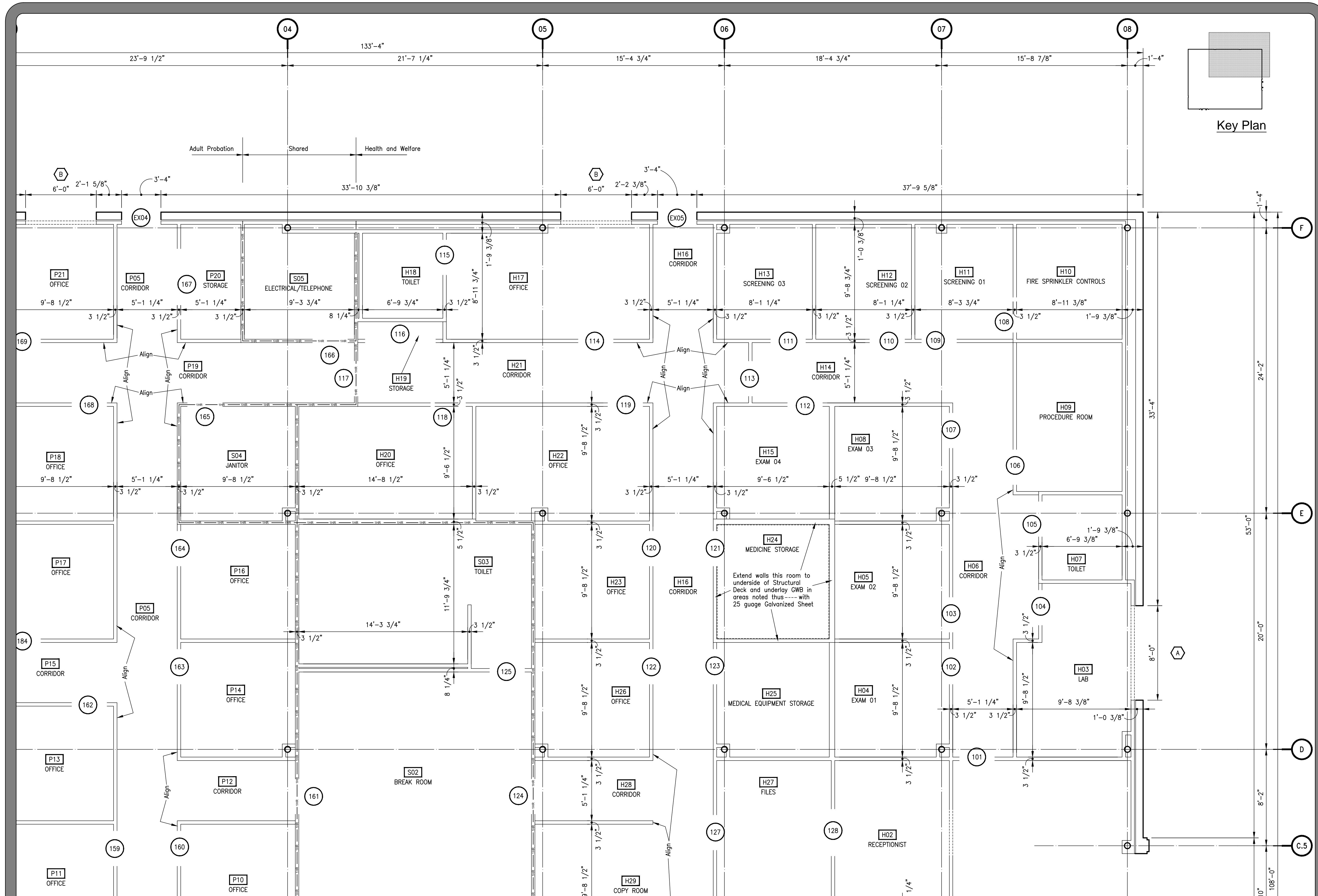
Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet as printed at 11x17 (ANSI B)



Enlarged Floor Plan - First Floor - Part A - Architectural Layout

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| APPROVED BY: | RB/SF | |
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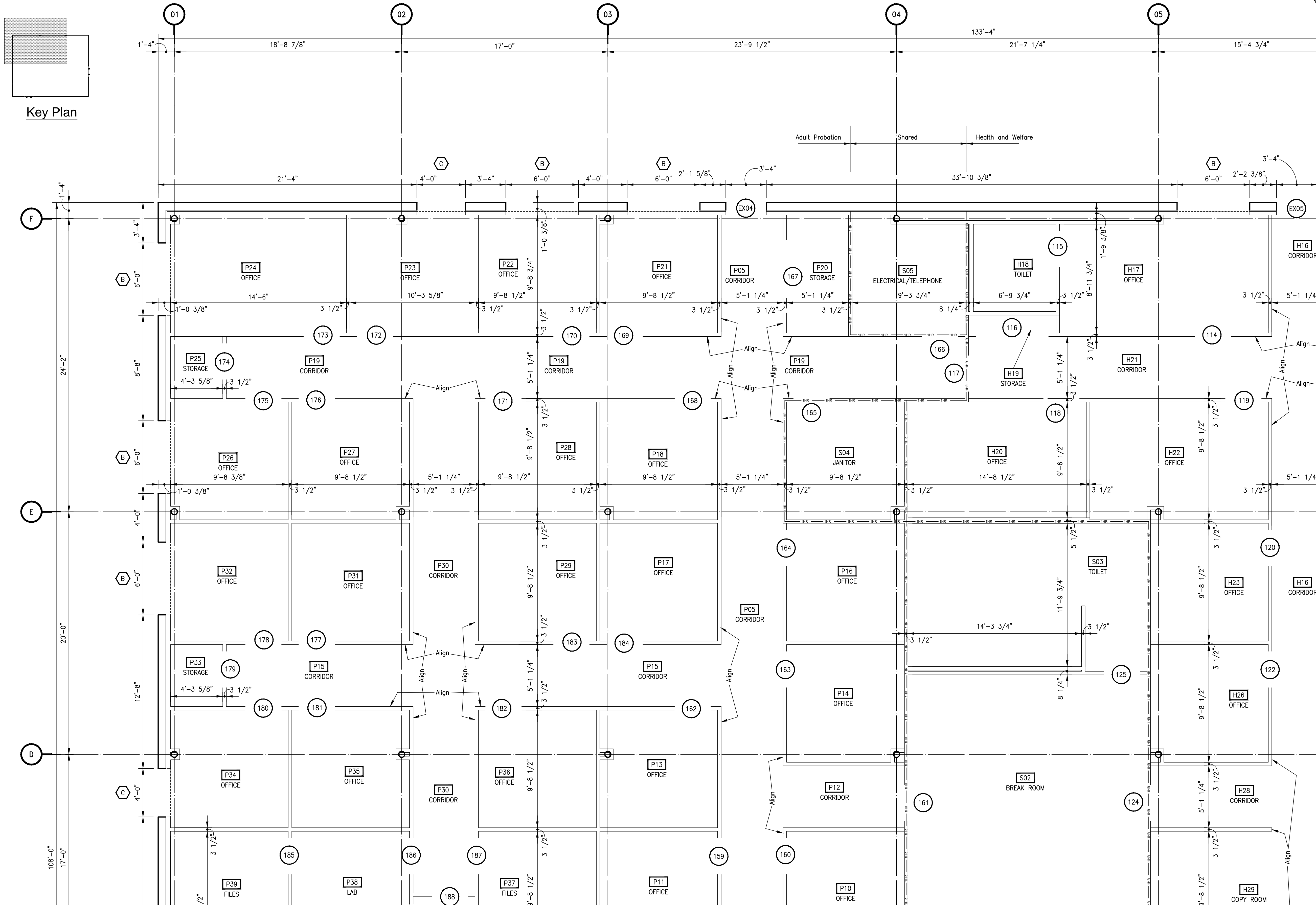
Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet is actual 22x34 (ANSI D) so as to be printed at 11x17 (ANSI B)



Enlarged Floor Plan - First Floor - Part C - Architectural Layout

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| SCALE: | 1/4" = 1'-0" |
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| APPROVED BY: | RB/SF |
| A1.03 | |

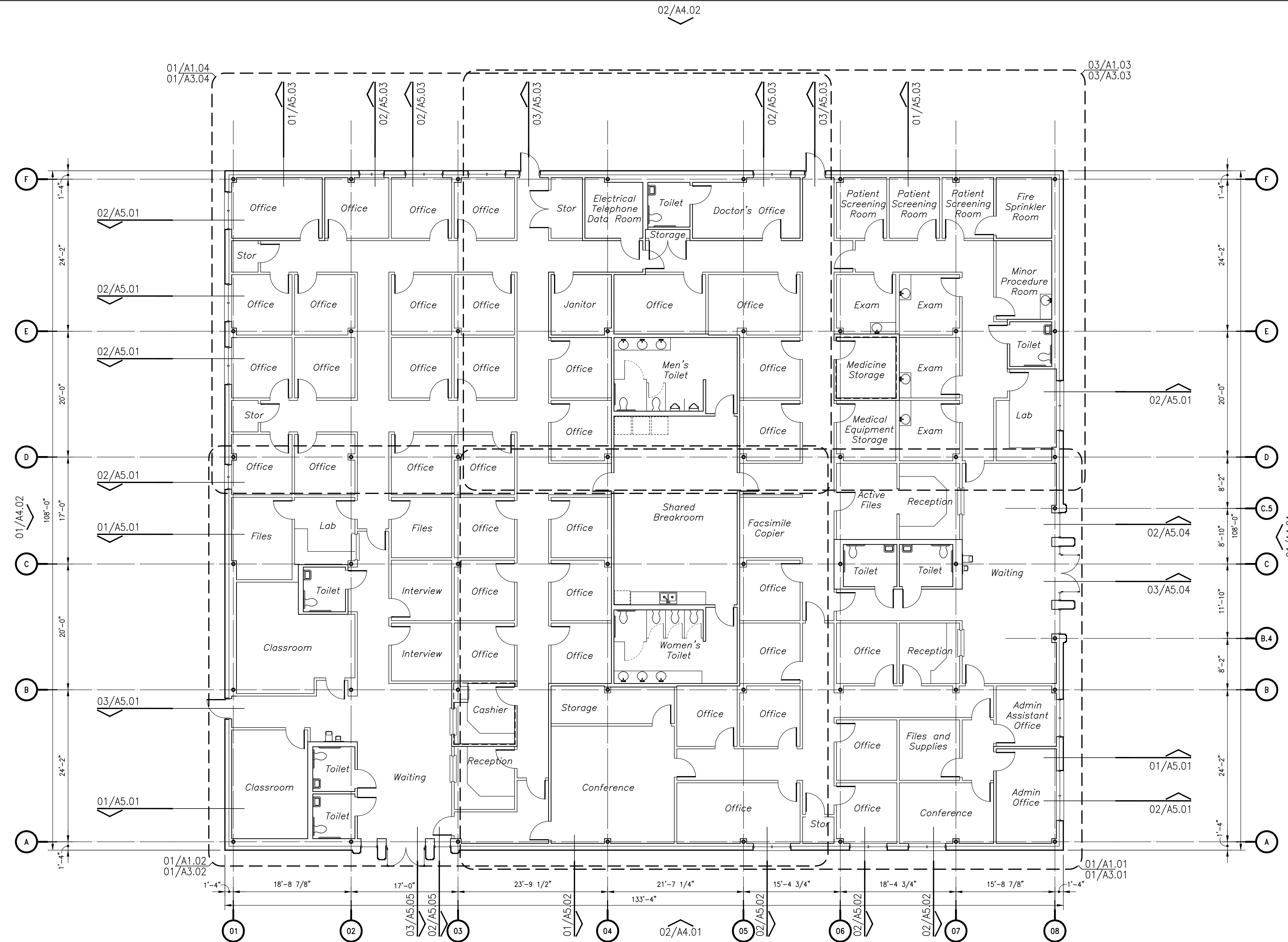
Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet is actual 22x34 (ANSI D) so as to be printed at 11x17 (ANSI B)



Enlarged Floor Plan - First Floor - Part D - Architectural Layout

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| APPROVED BY: | RB/SF |
| A1.04 | |

Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet as to be printed at 11x17 (ANSI B)

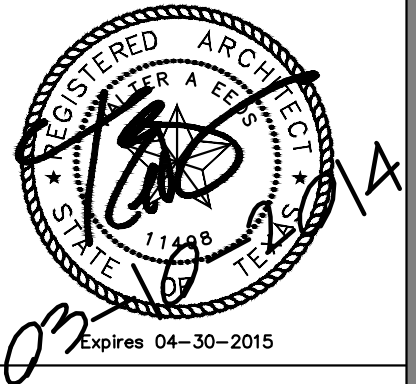


Overall Floor Plan - First Floor - Architecture

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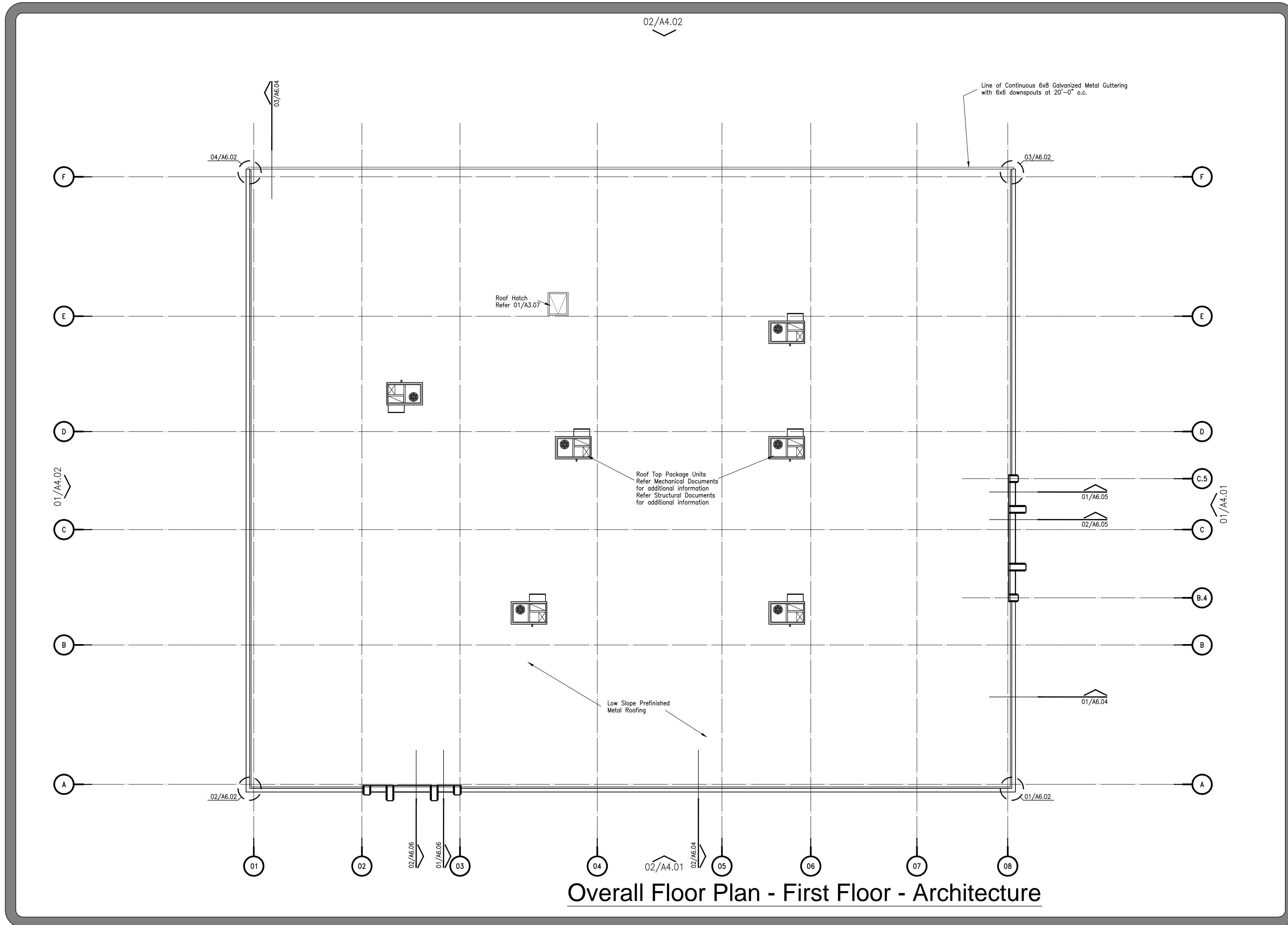
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A2.01

Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet is actual 22x34 (ANSI D) so as to be printed at 11x17 (ANSI B)



Overall Floor Plan - First Floor - Architecture

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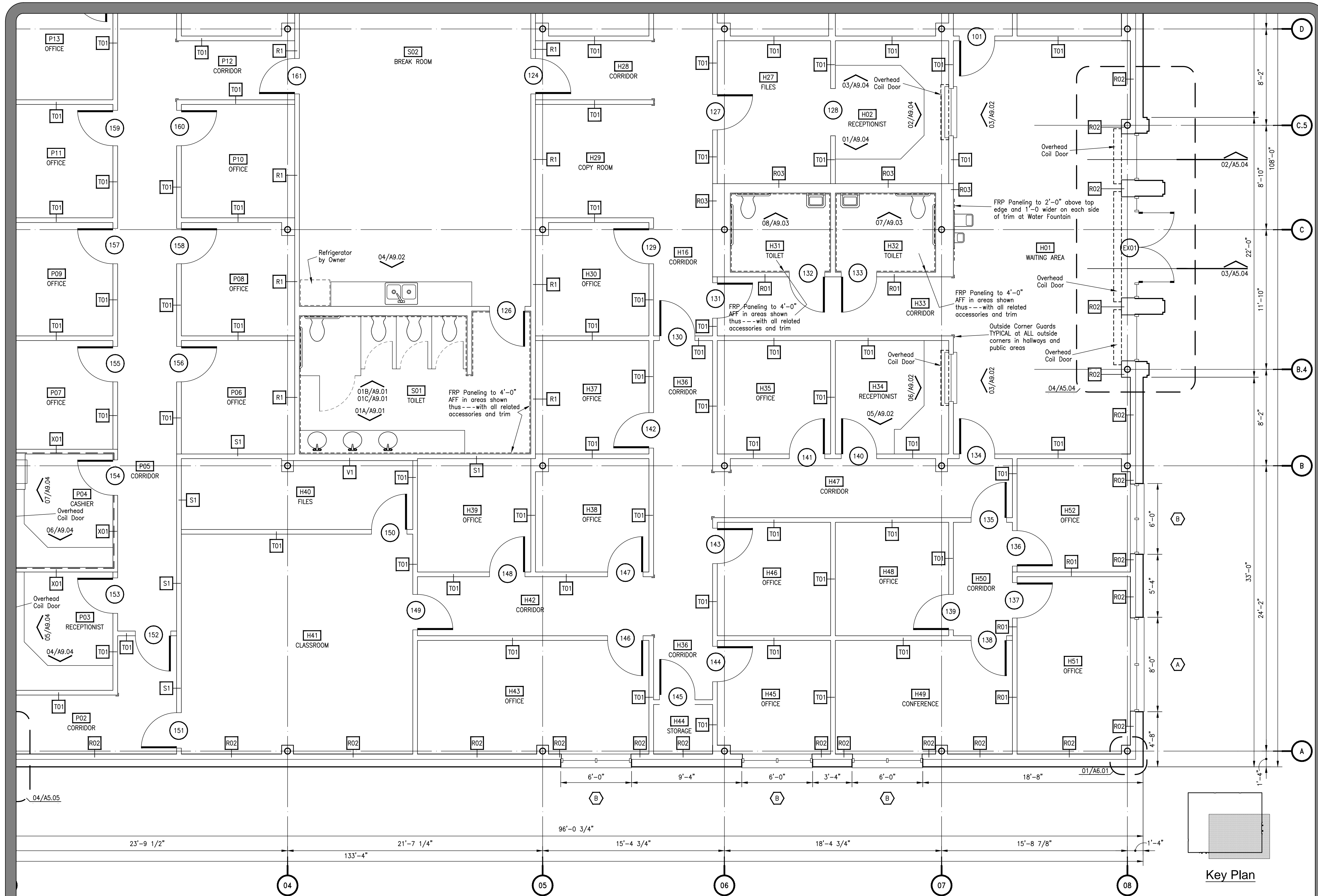
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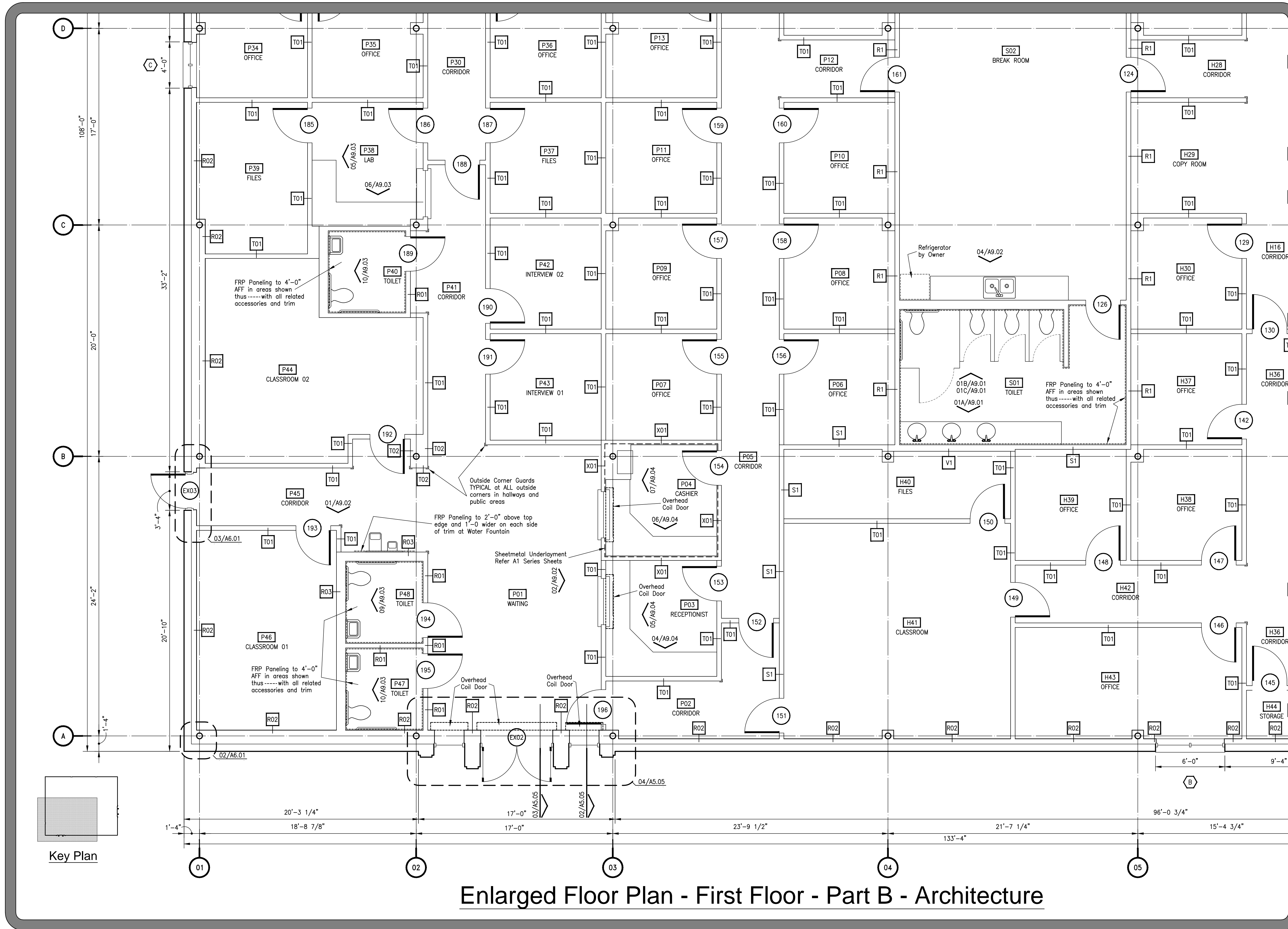
Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet is actualit 22x34 (ANSI D) so as to be printed at 11x17 (ANSI B)



Enlarged Floor Plan - First Floor - Part A - Architecture

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Do not scale plots to fit 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet is acualit 22x34 (ANSI D) so as to be printed at 11x17 (ANSI B)



Enlarged Floor Plan - First Floor - Part B - Architecture

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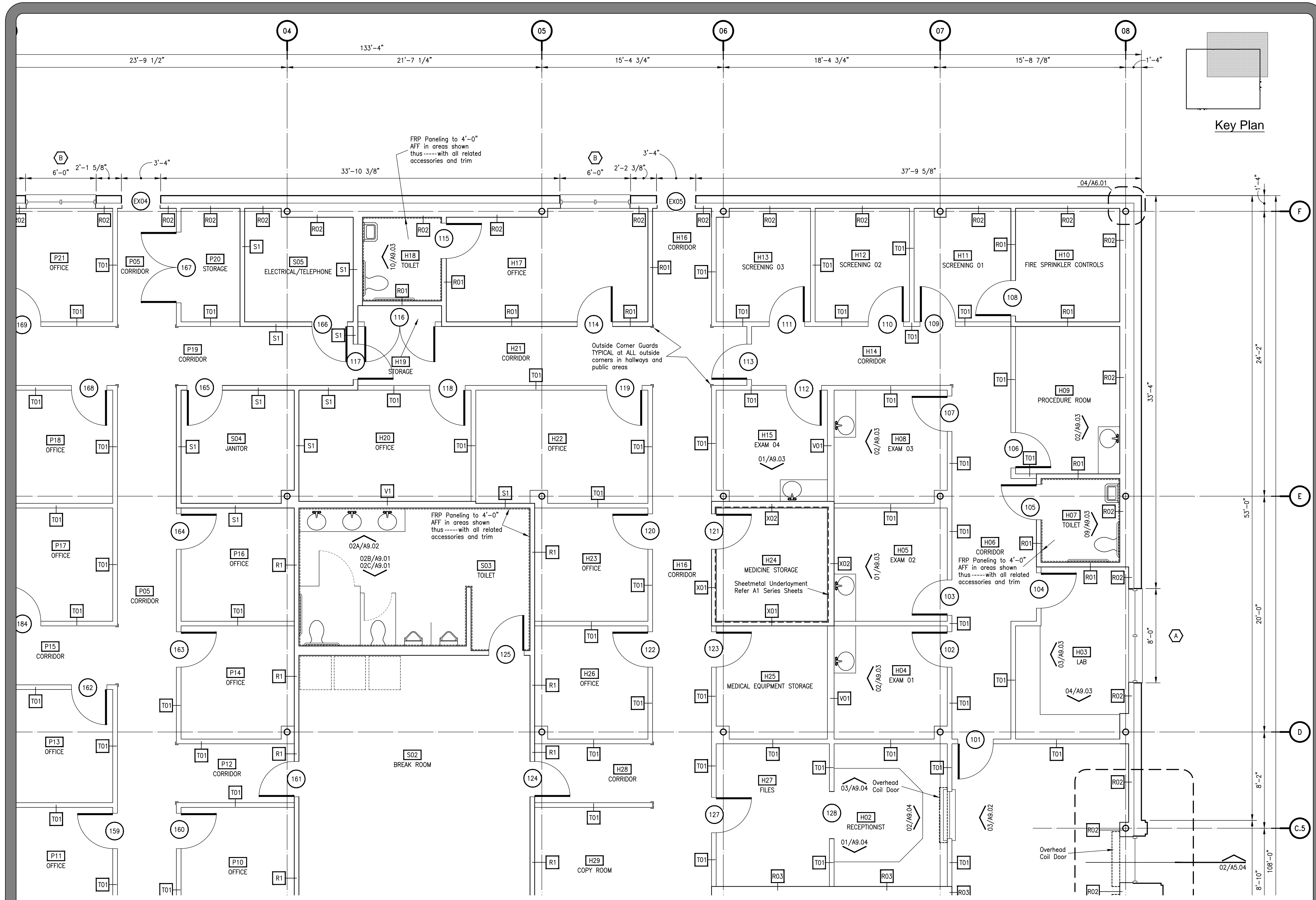
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A3.02

Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet is actual 22x34 (ANSI D) so as to be printed at 11x17 (ANSI B)



Enlarged Floor Plan - First Floor - Part C - Architecture

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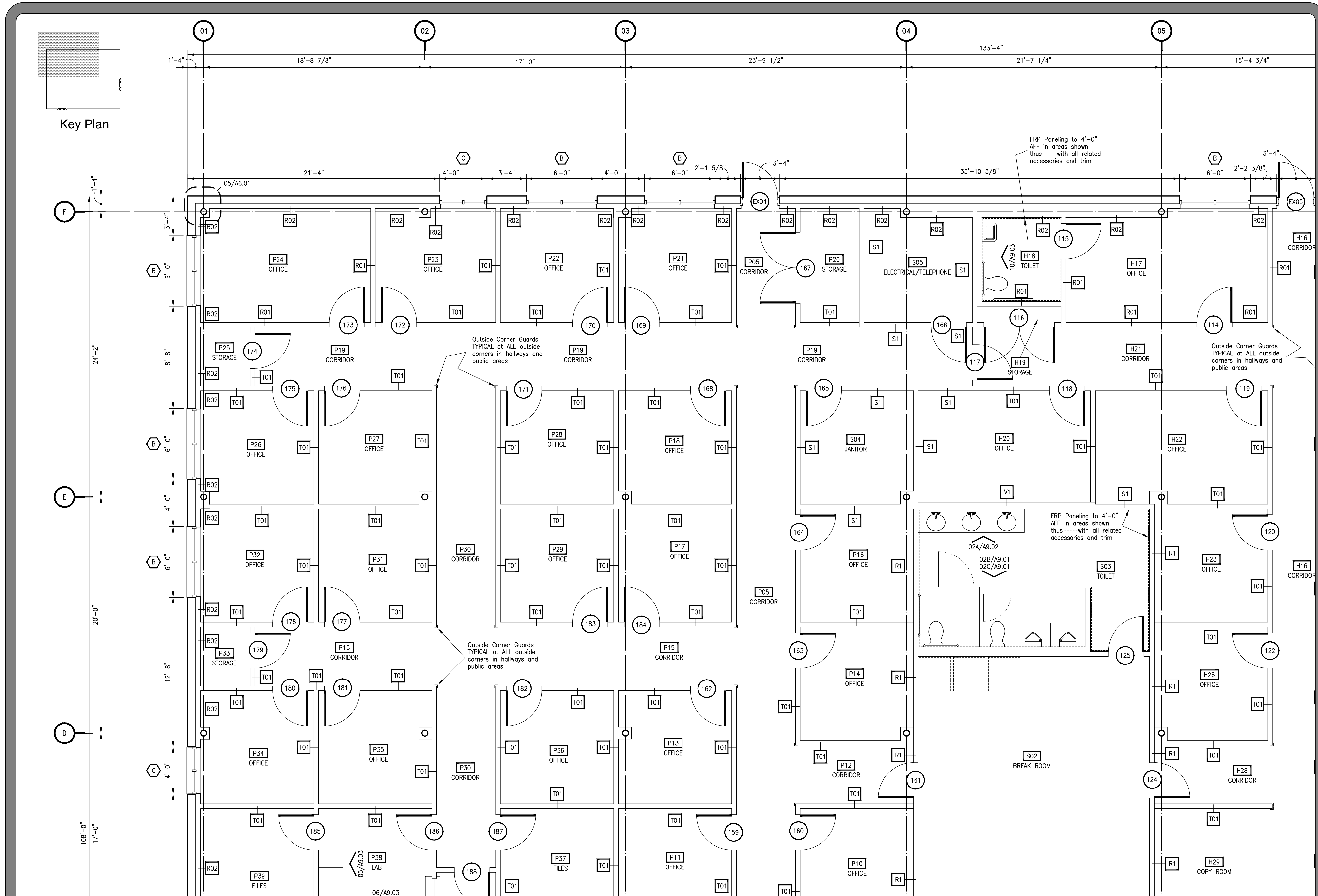
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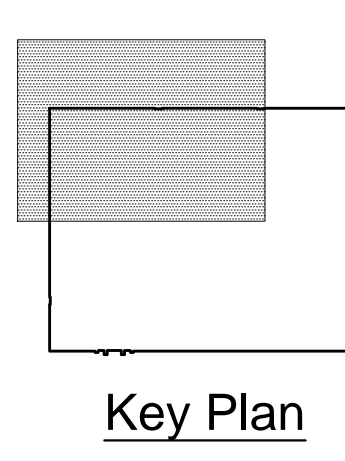
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A3.03

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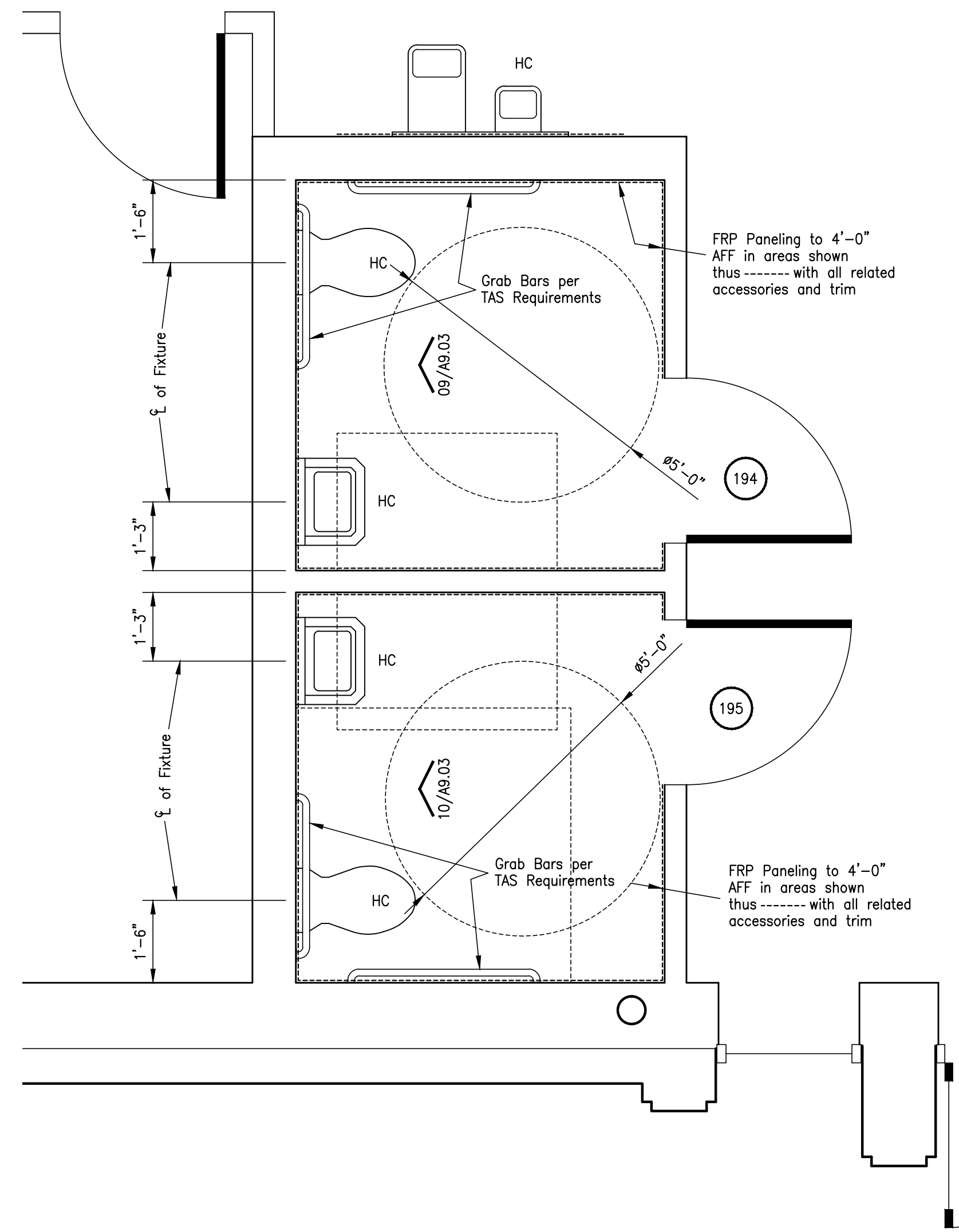


Enlarged Floor Plan - First Floor - Part D - Architecture

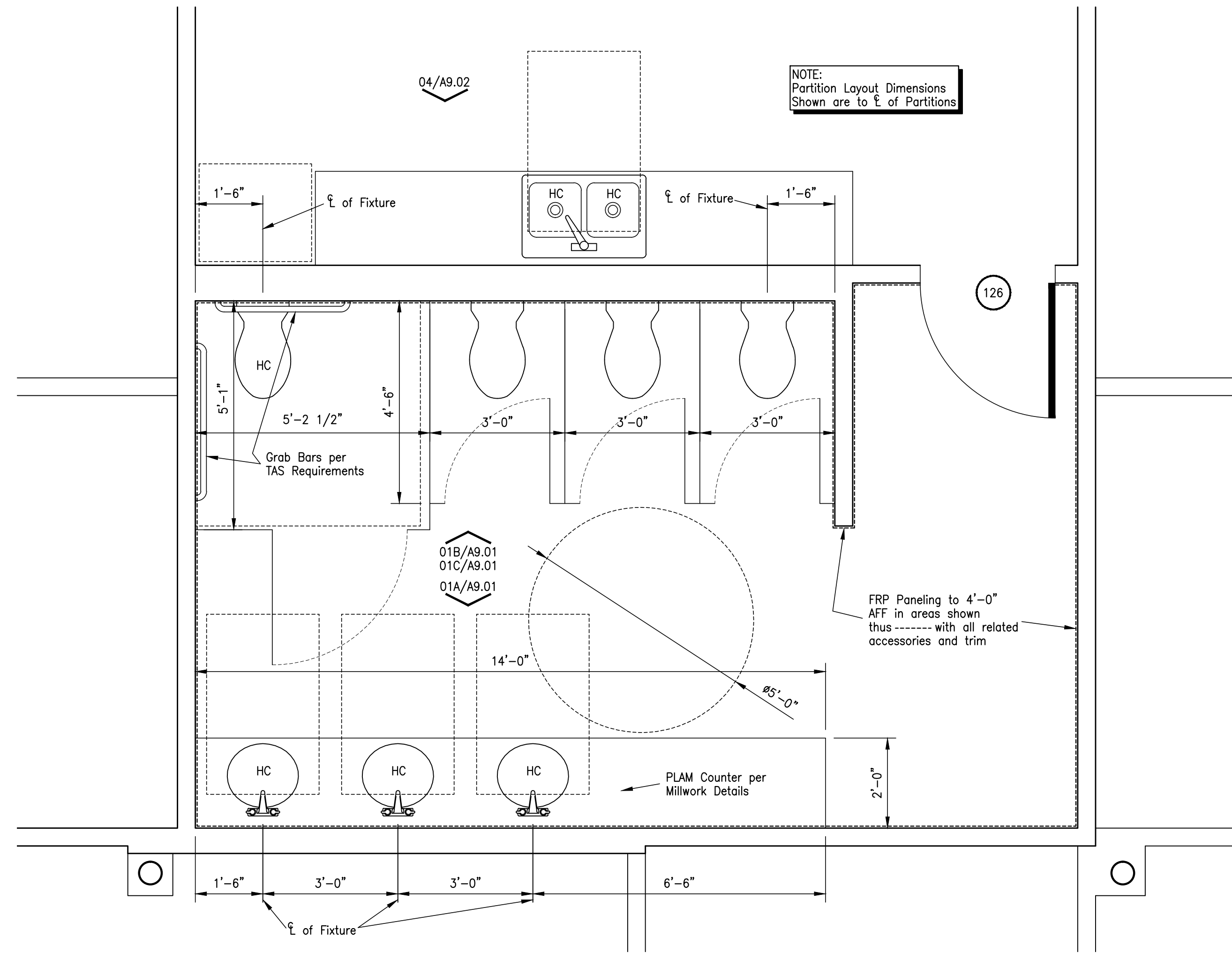


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| A3.04 | |

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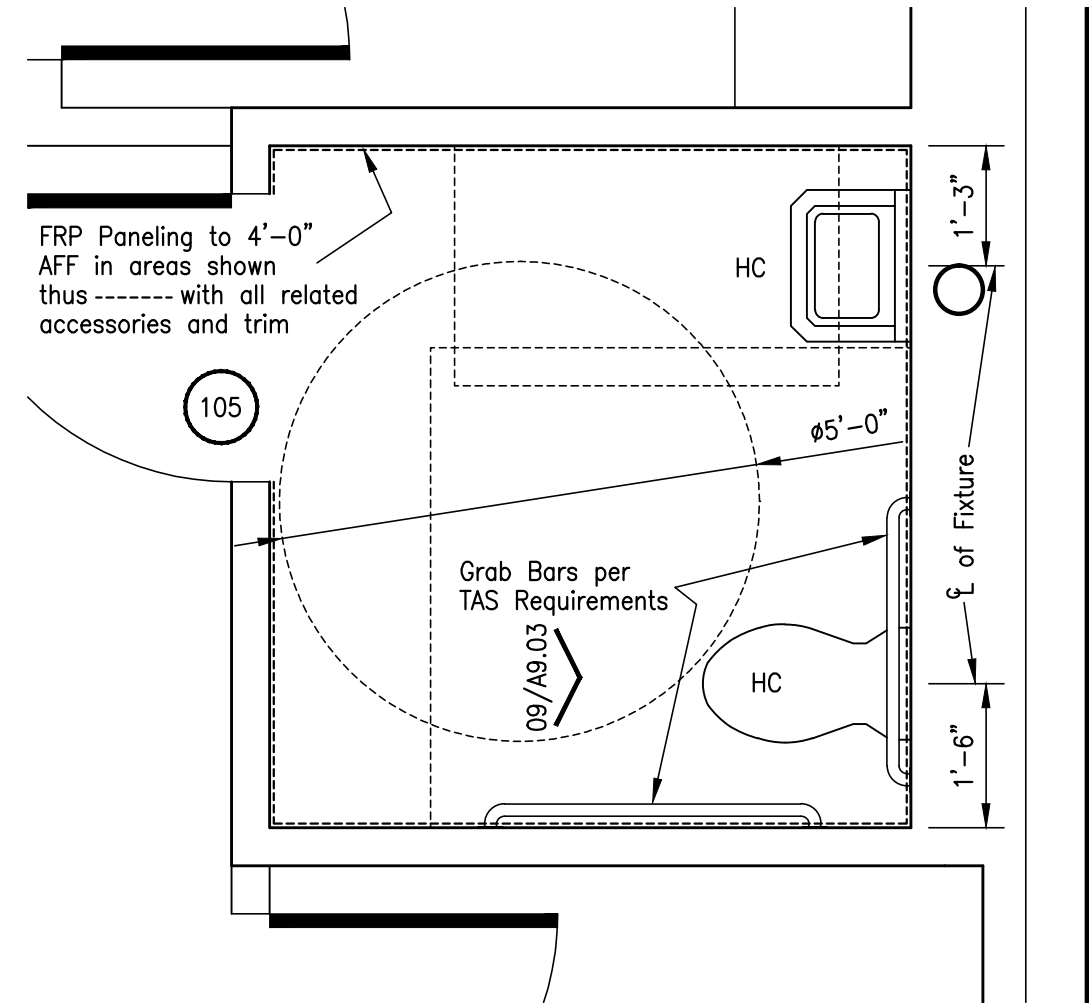
02 - Adult Probation Waiting Room Toilets



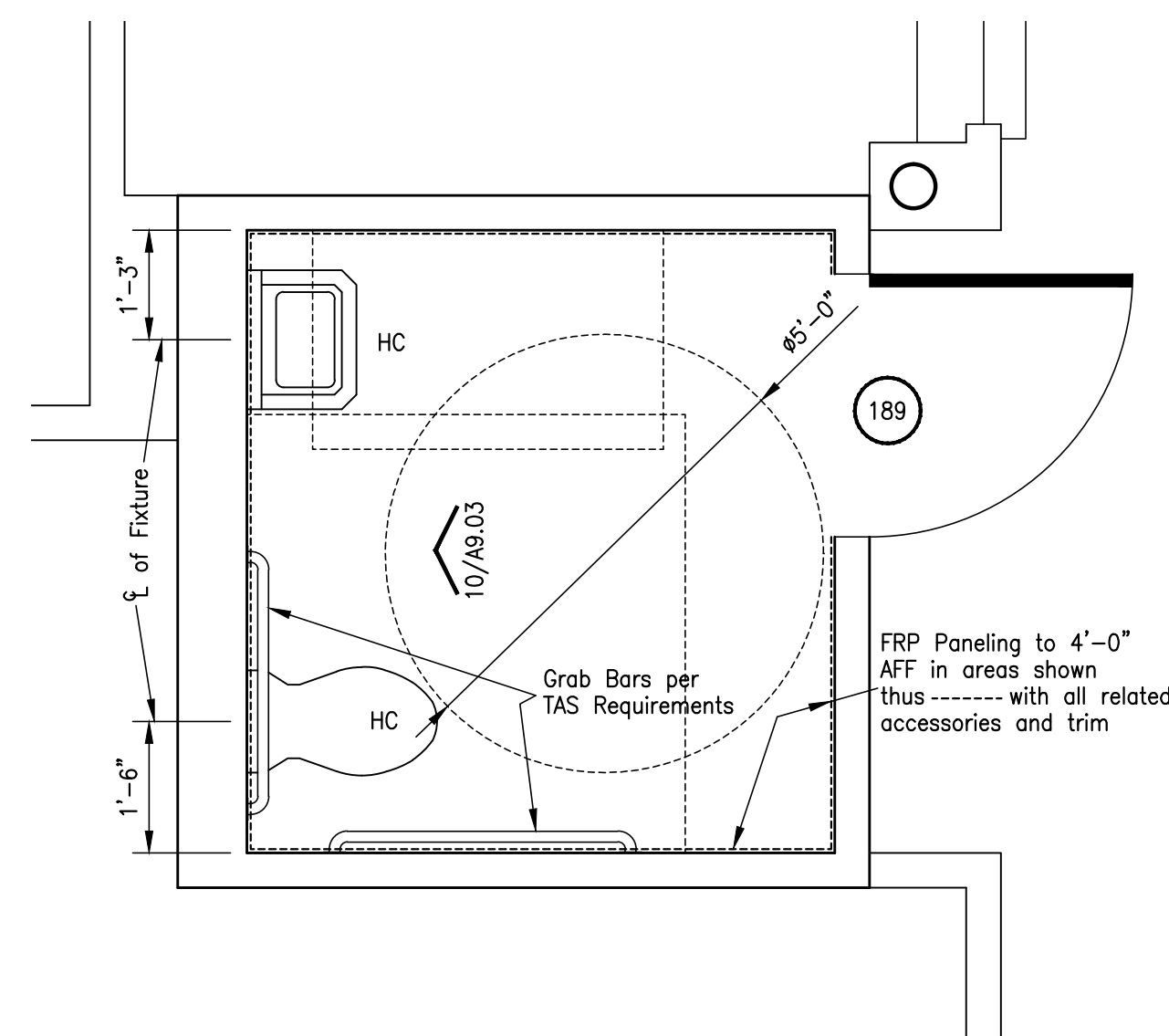
01 - Shared Women's Toilets

Enlarged Floor Plans - Toilets - Architecture

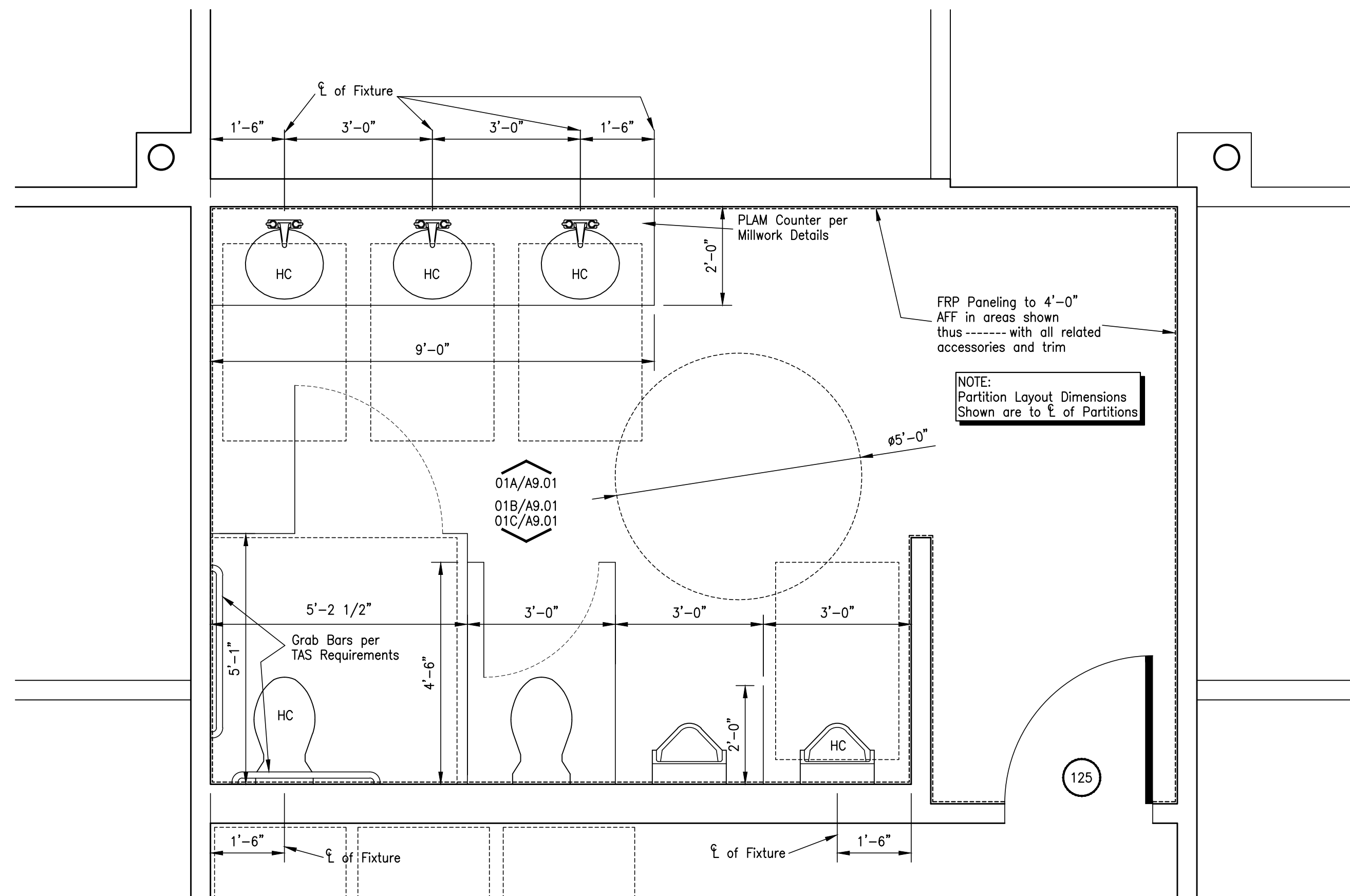
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| A3.05 | | |



03 - Health Clinic Lab Area Toilet



02 - Adult Probation Lab Area Toilet



01 - Shared Men's Toilets

Enlarged Floor Plans - Toilets - Architecture

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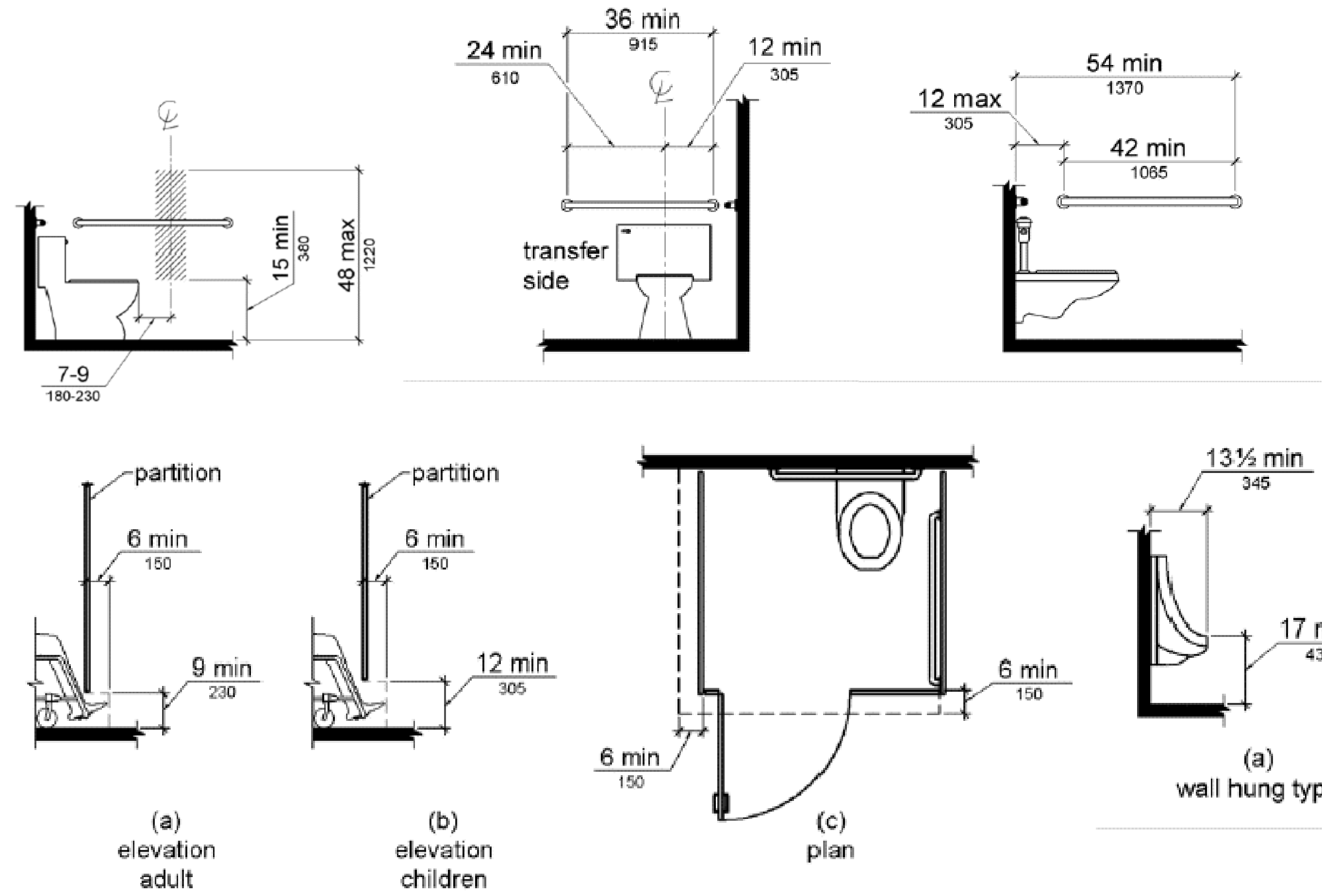
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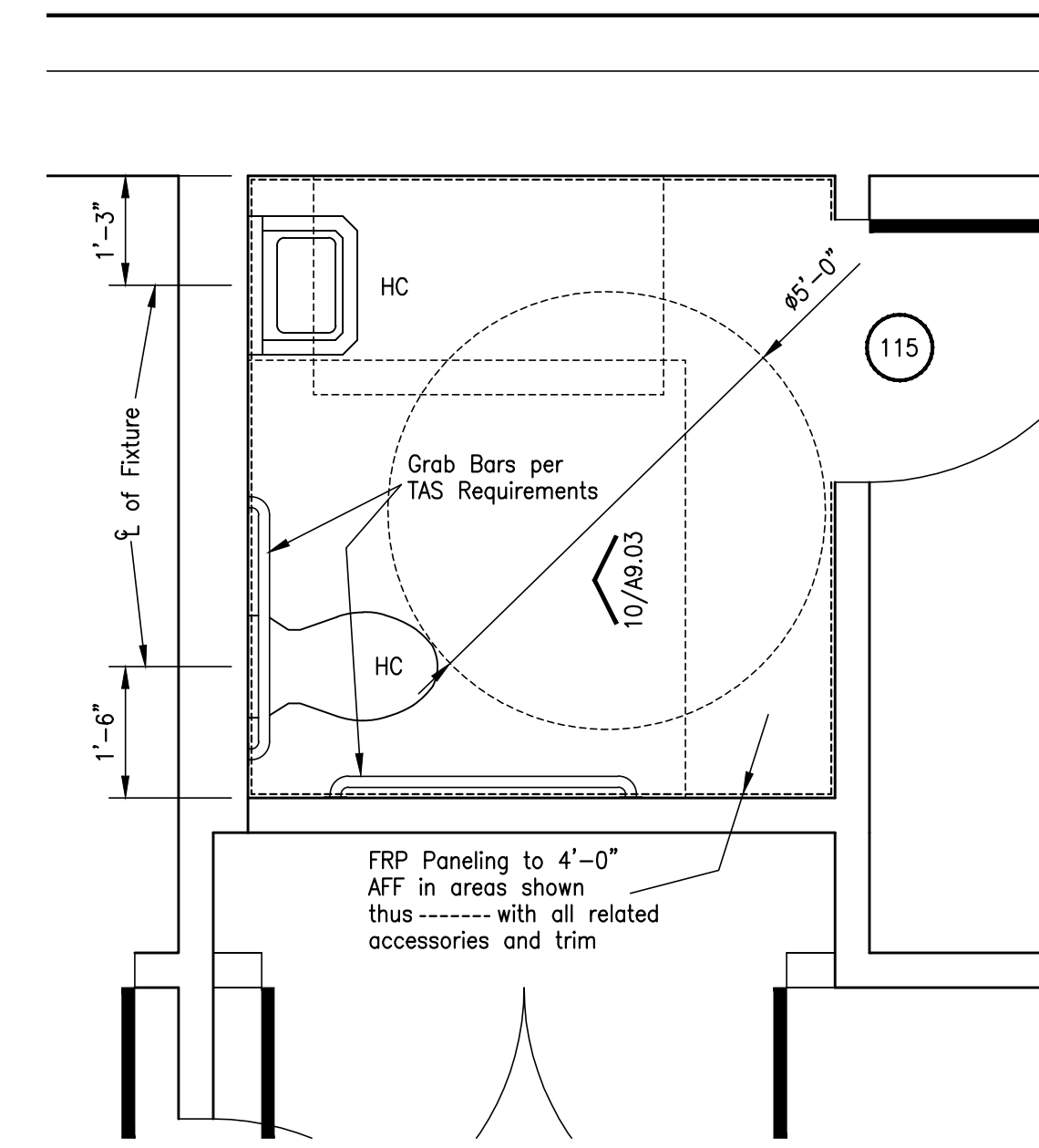
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A3.06

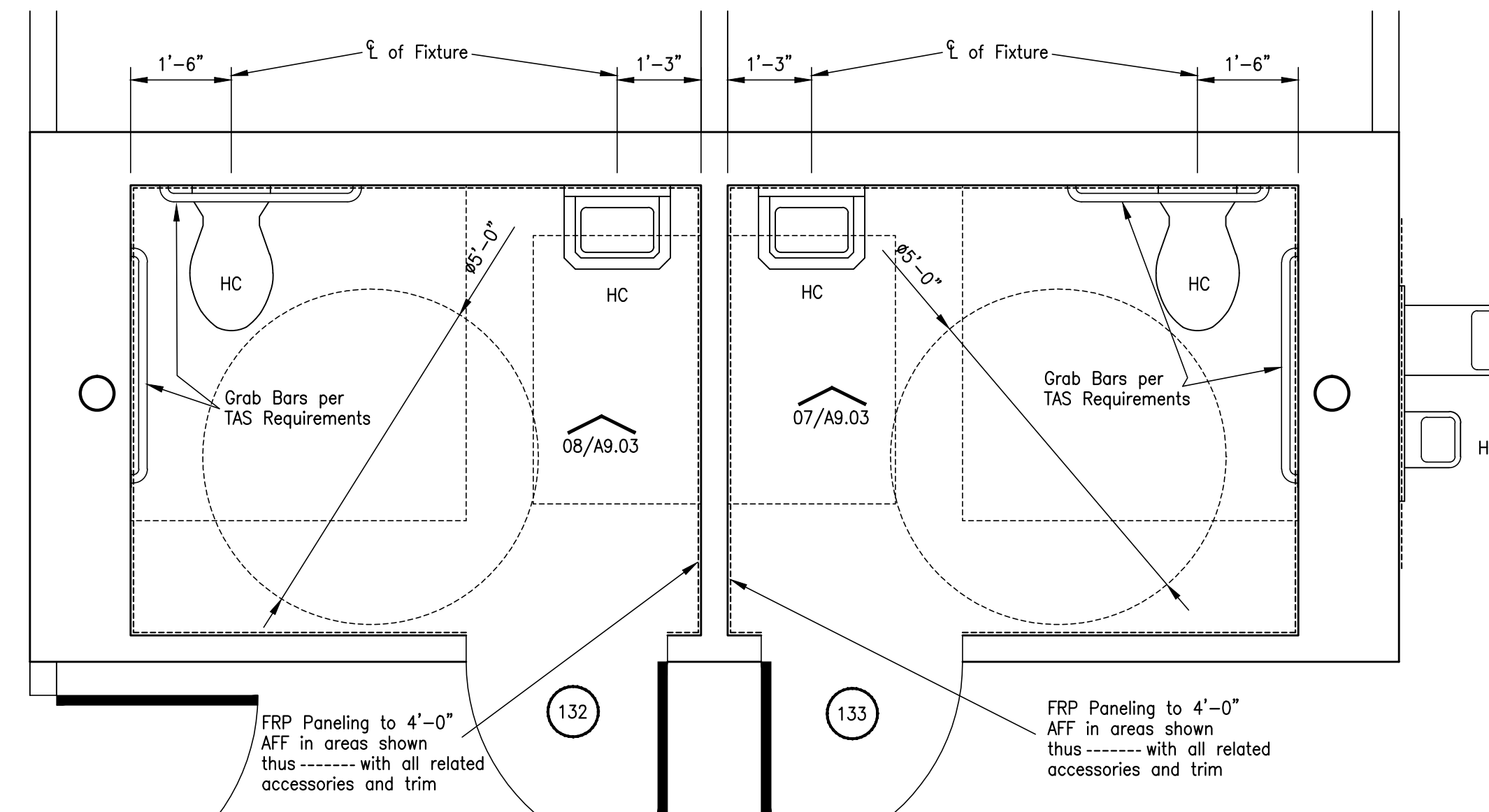
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03 - Texas Accessibility Standard Layout Details



02 - Doctor's Office Private Toilet

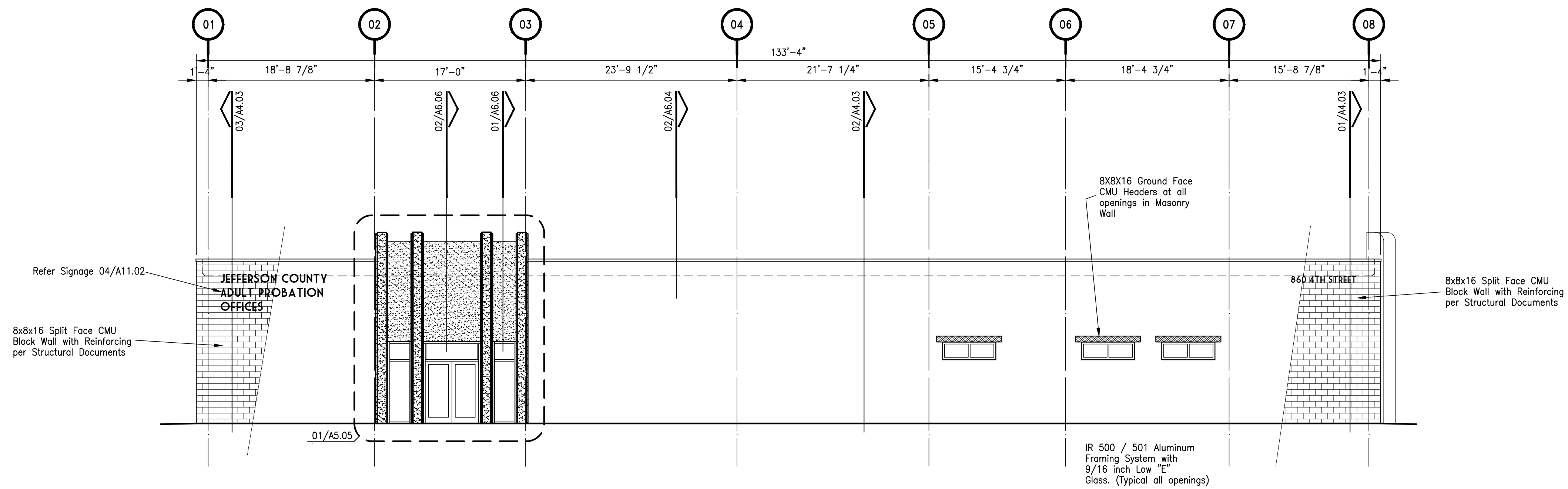


01 - Health Clinic Waiting Room Toilets

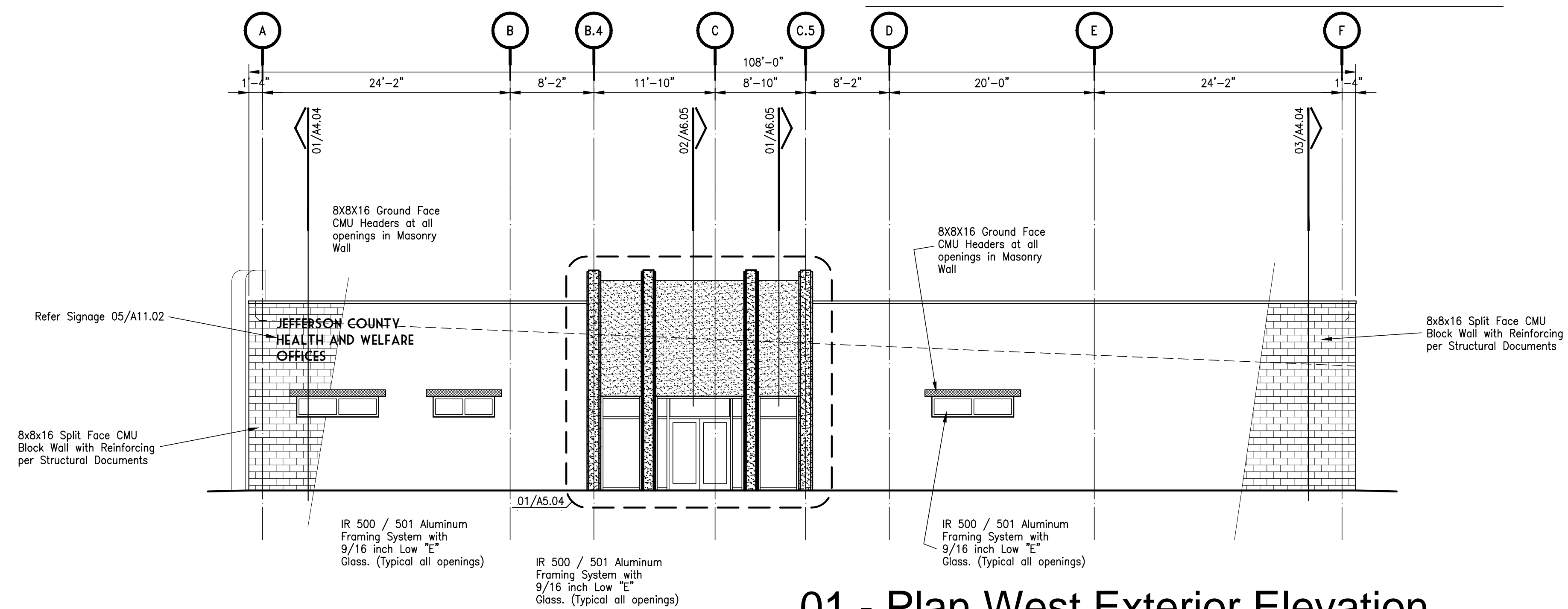
Enlarged Floor Plans - Toilets - Architecture

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| <p>A3.07</p> | |

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02 - Plan North Exterior Elevation



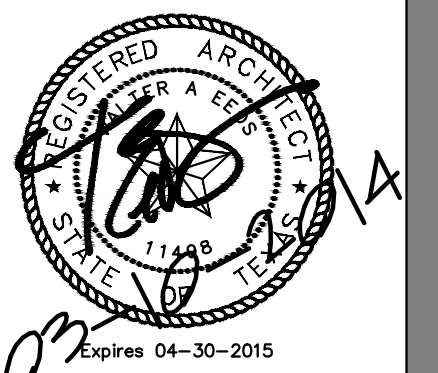
01 - Plan West Exterior Elevation

Exterior Elevations - Architecture

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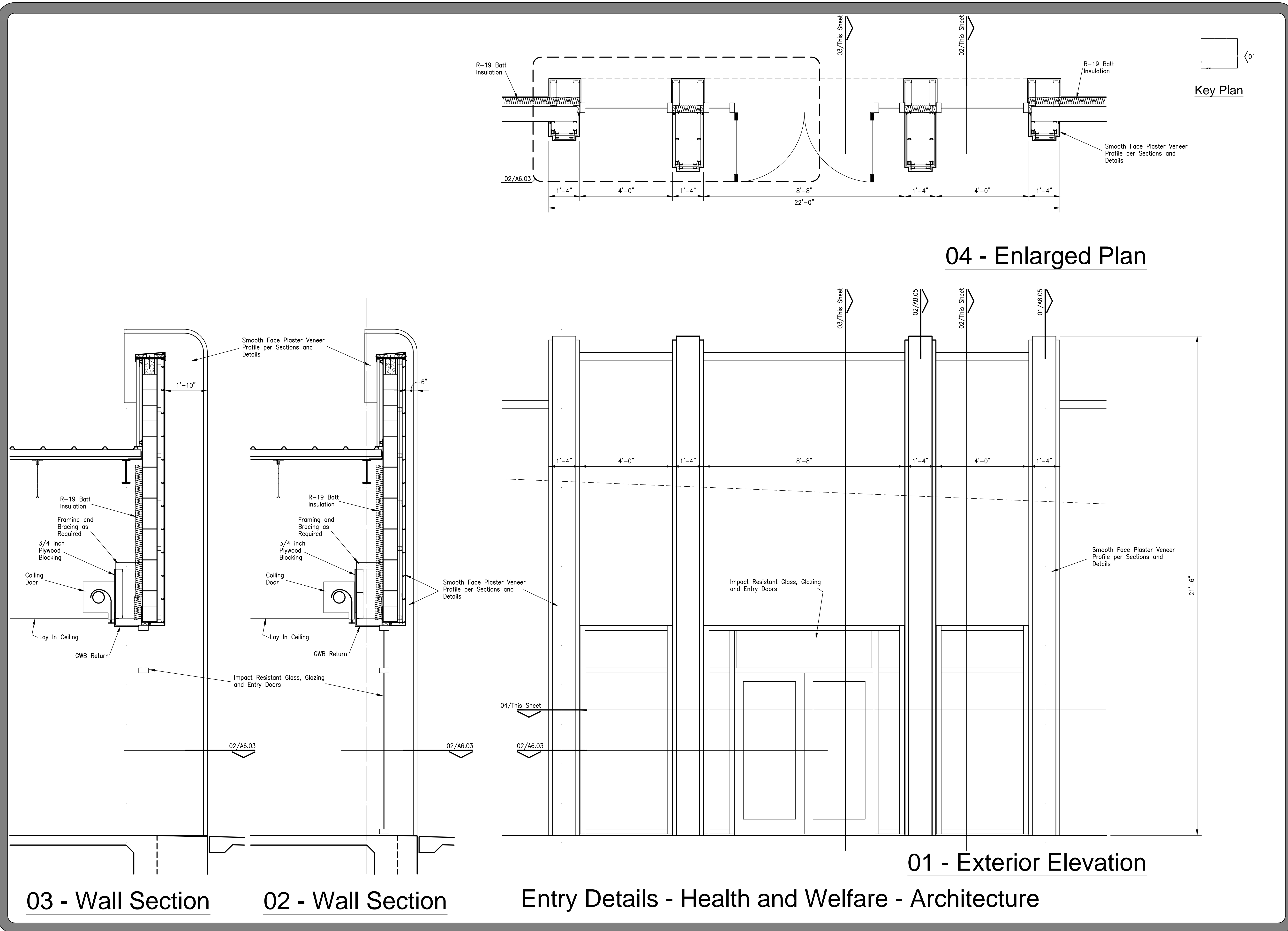


Chica & Associates, Inc.
Texas Registered Engineering Firm F-11892
505 Orleans, Suite 106 Beaumont, Texas 77701
Ph.: (409) 633-4343



DATE: March 10, 2014
SCALE: 1/8" = 1'-0"
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APPROVED BY: RB/SF

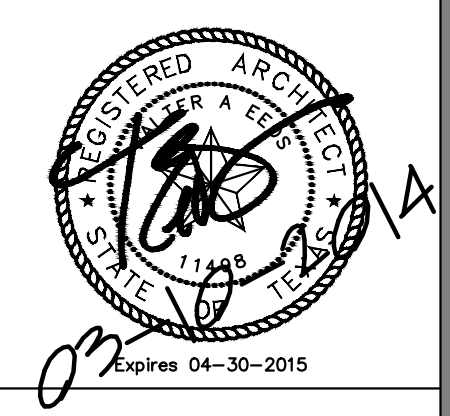
Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet as to be printed at 11x17 (ANSI B)



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JEFFERSON COUNTY
PUBLIC HEALTH AND ADULT PROBATION
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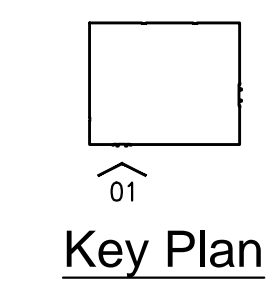
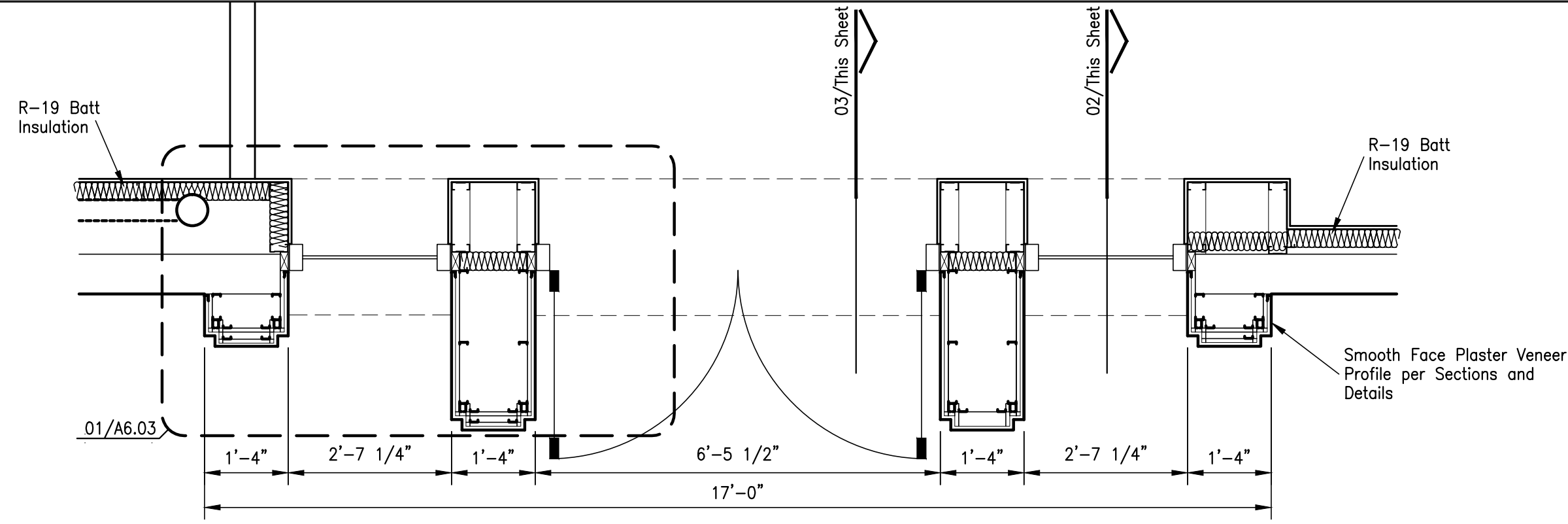


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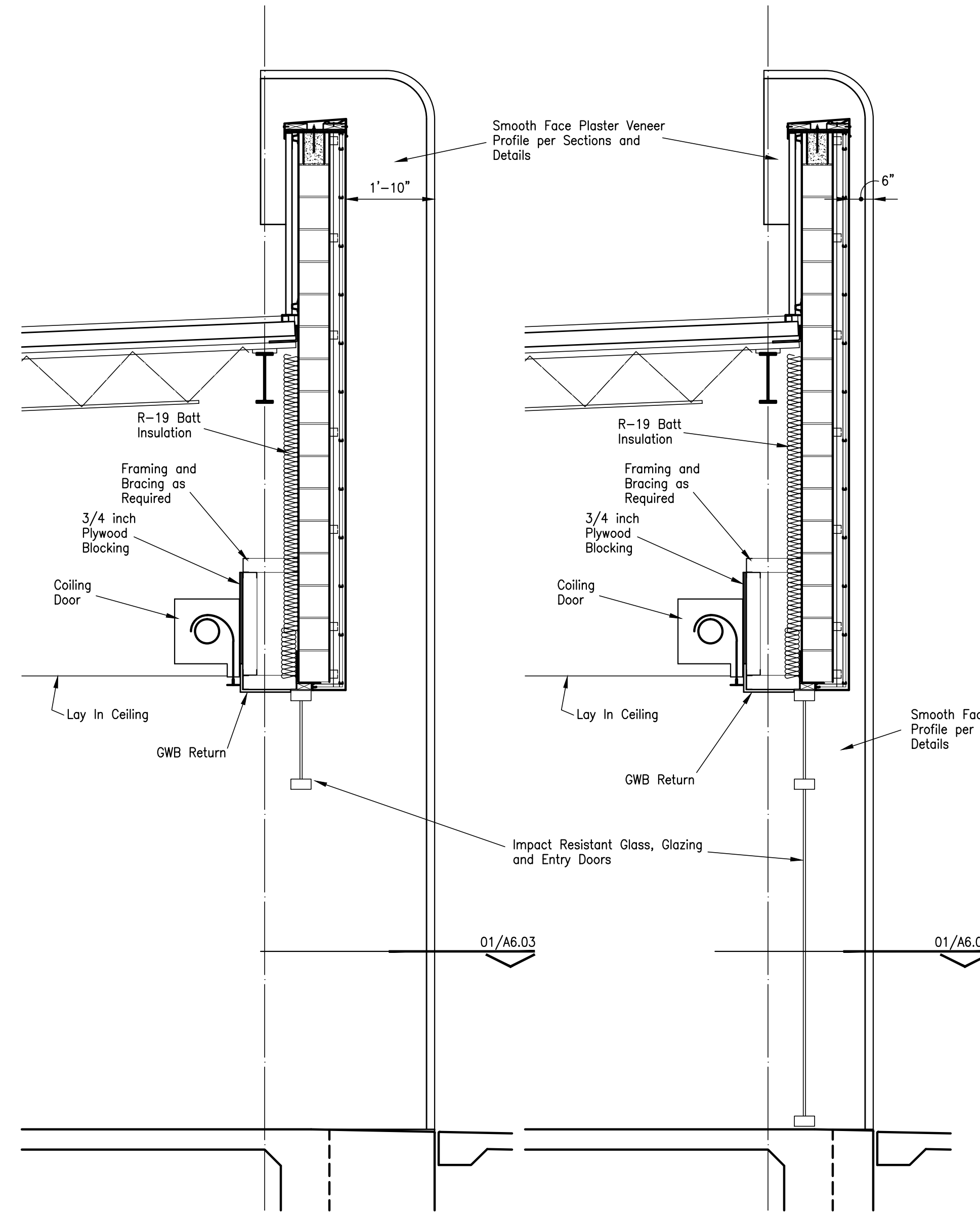
A5.04

Entry Details - Health and Welfare - Architecture

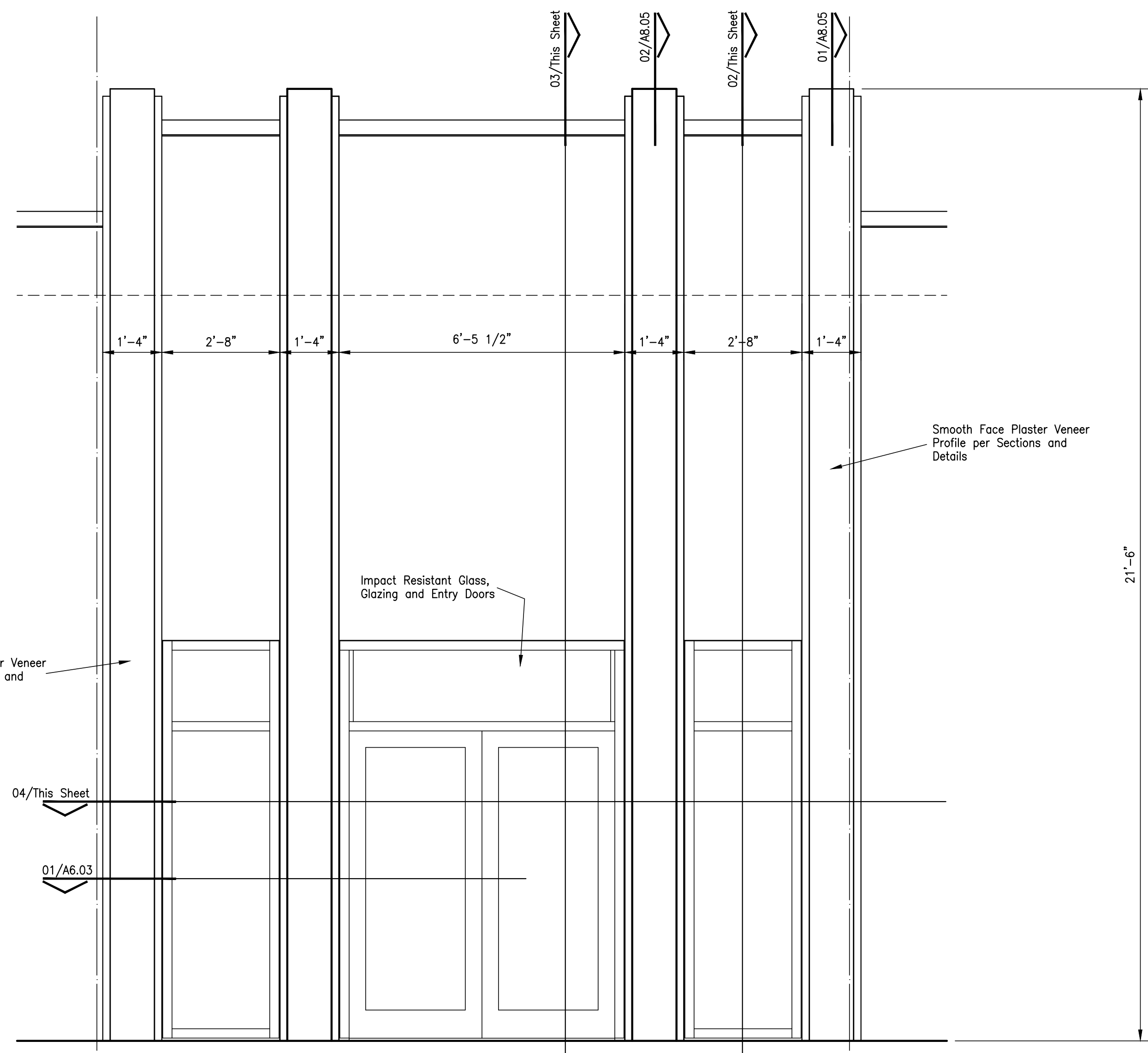
Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet as printed at 11x17 (ANSI B)



04 - Enlarged Plan



03 - Wall Section 02 - Wall Section



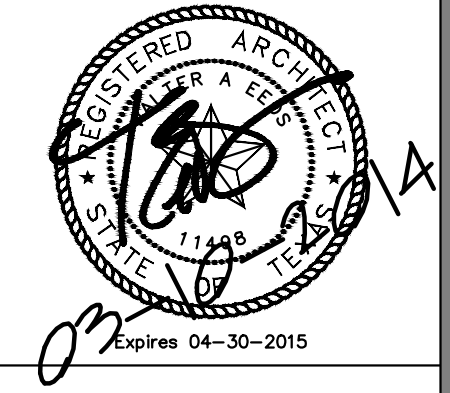
01 - Exterior Elevation

Entry Details - Adult Probation - Architecture

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JEFFERSON COUNTY
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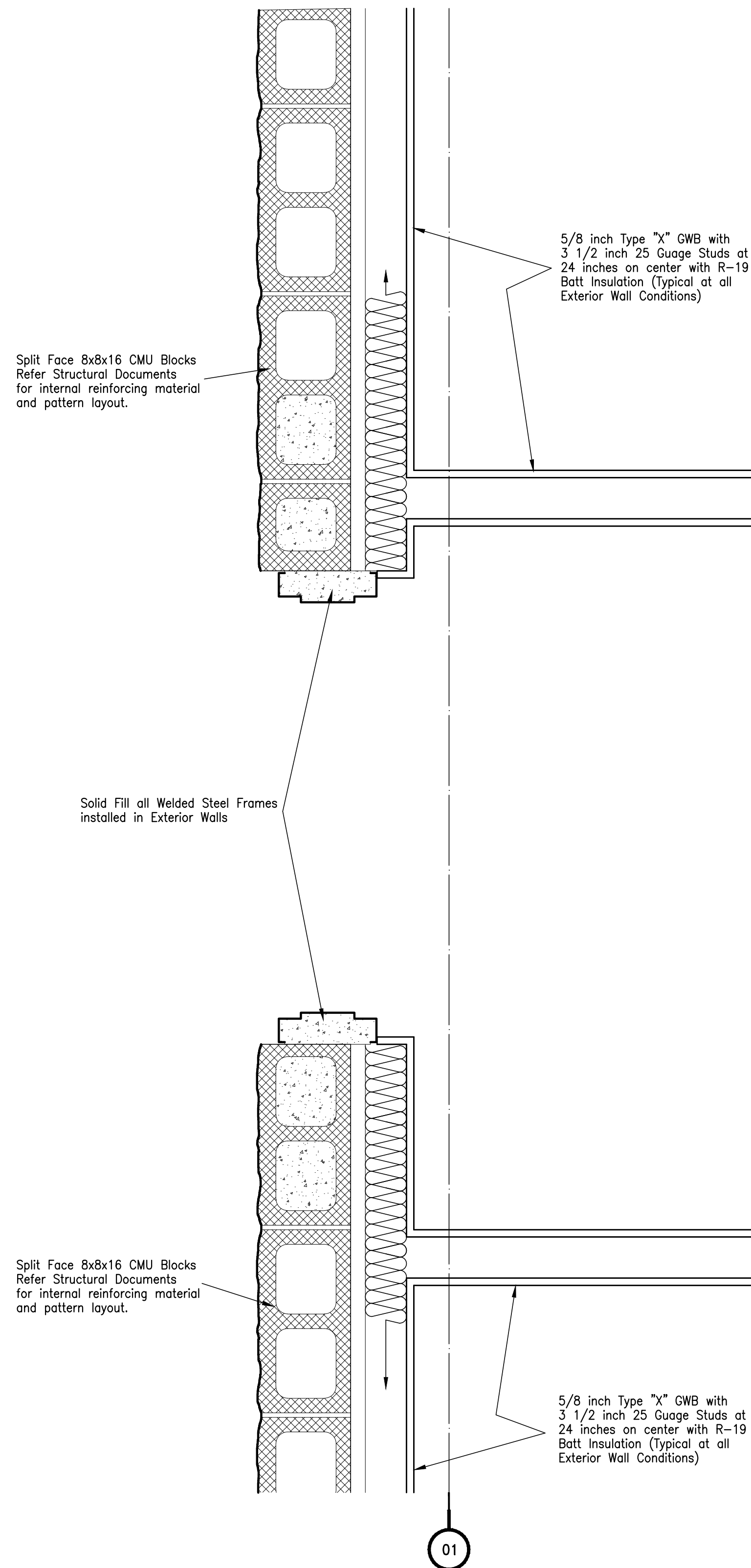
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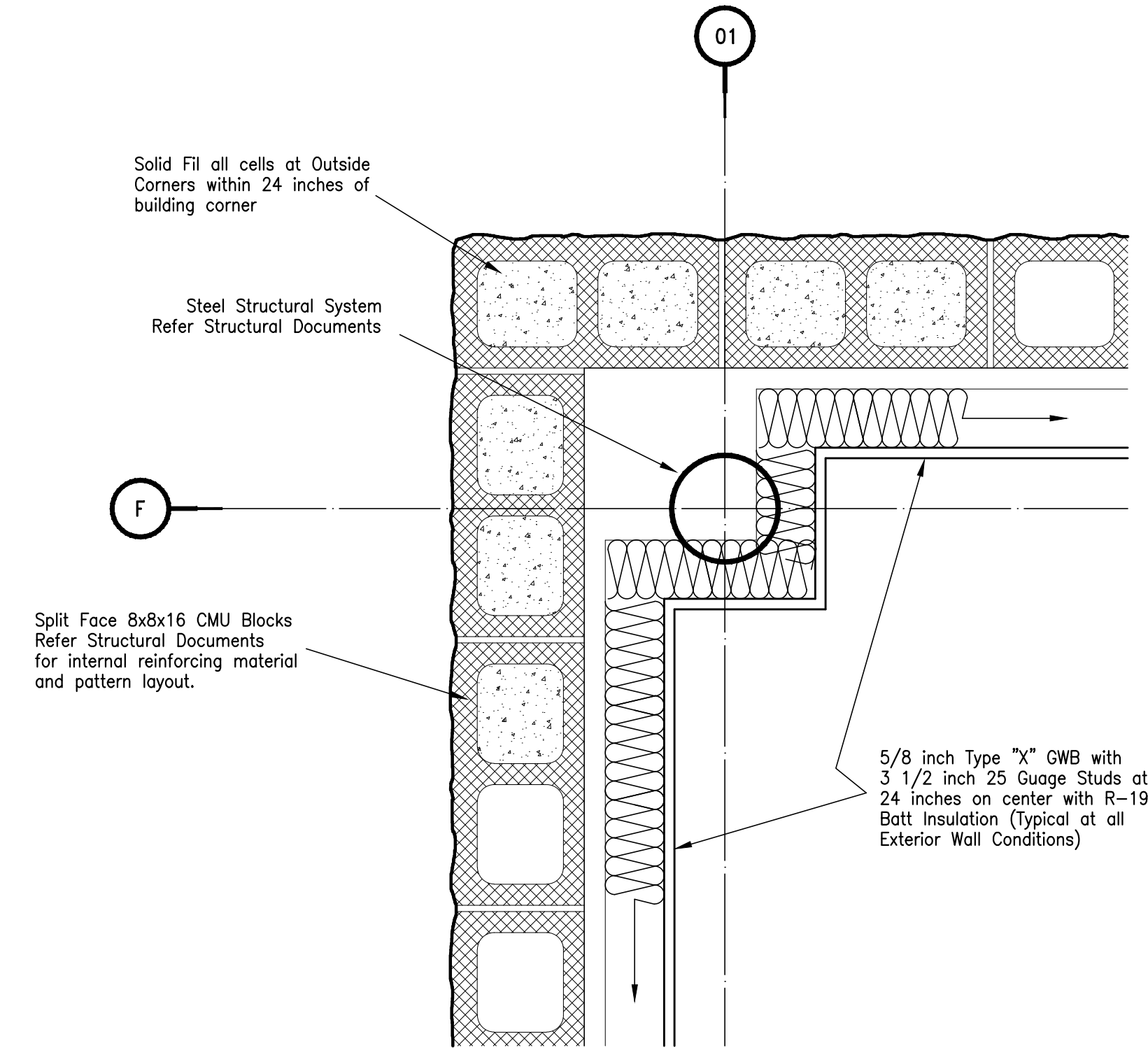
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A5.05

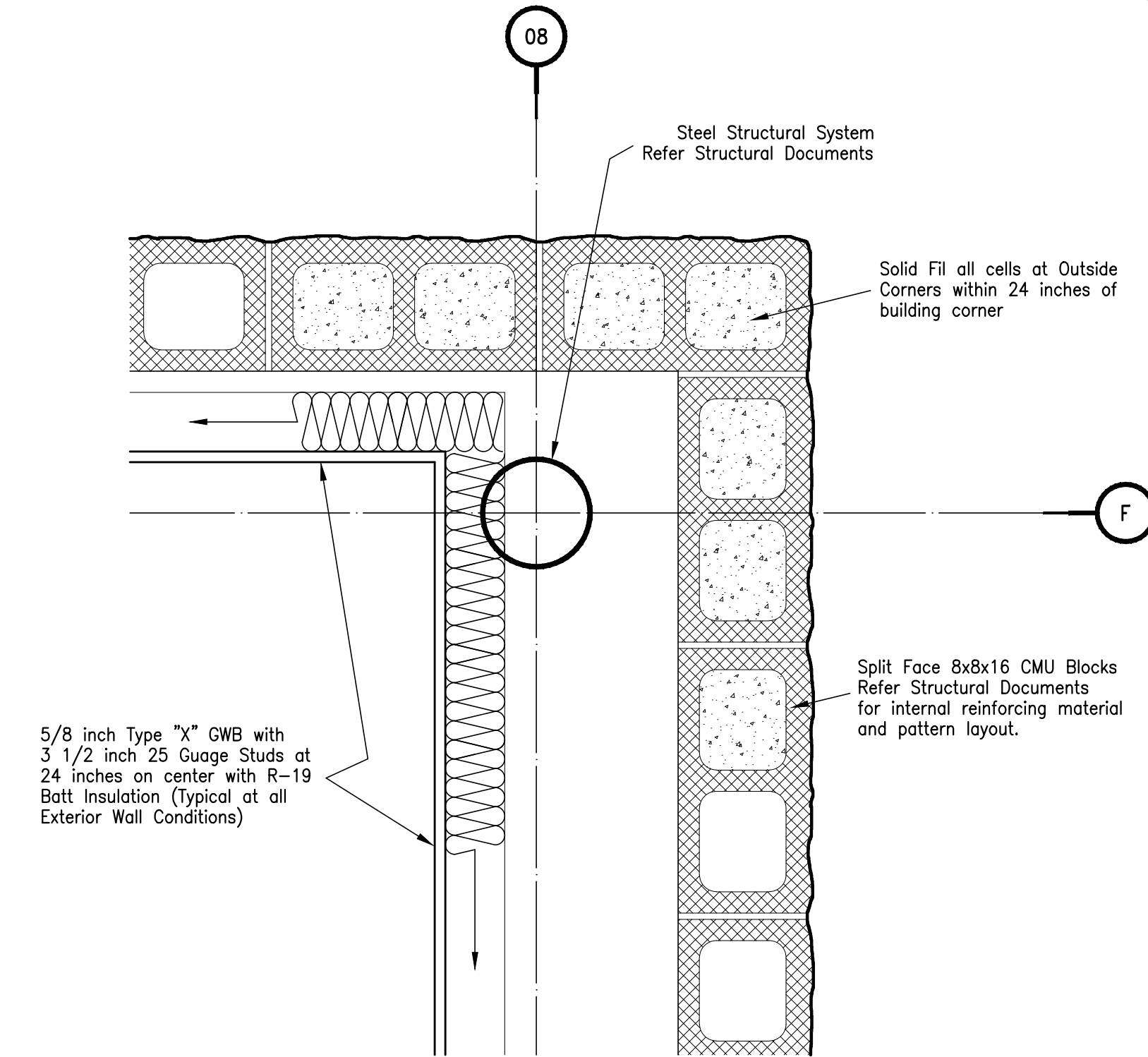
Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet as to be printed at 11x17 (ANSI B)



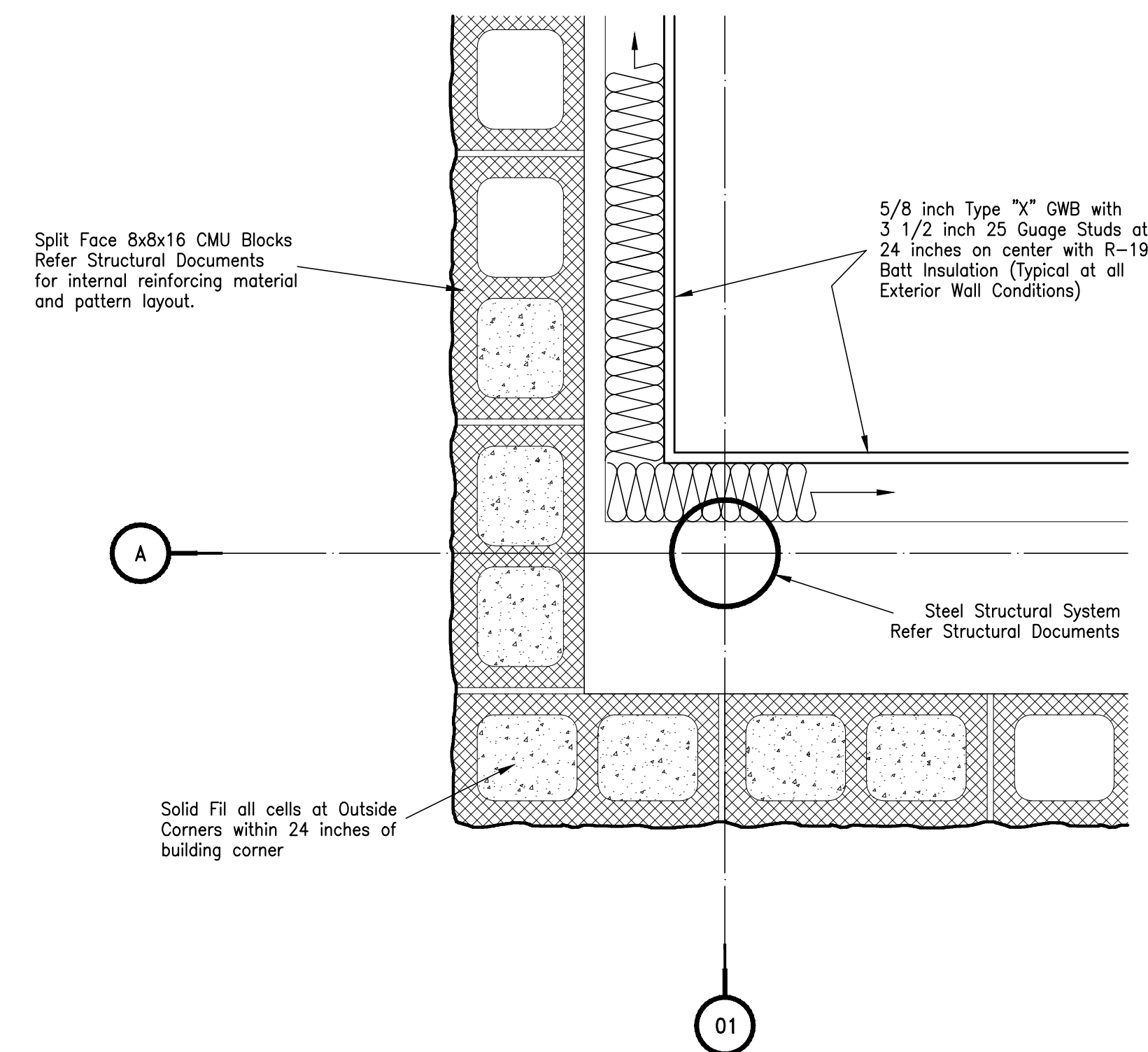
03 - Plan Section



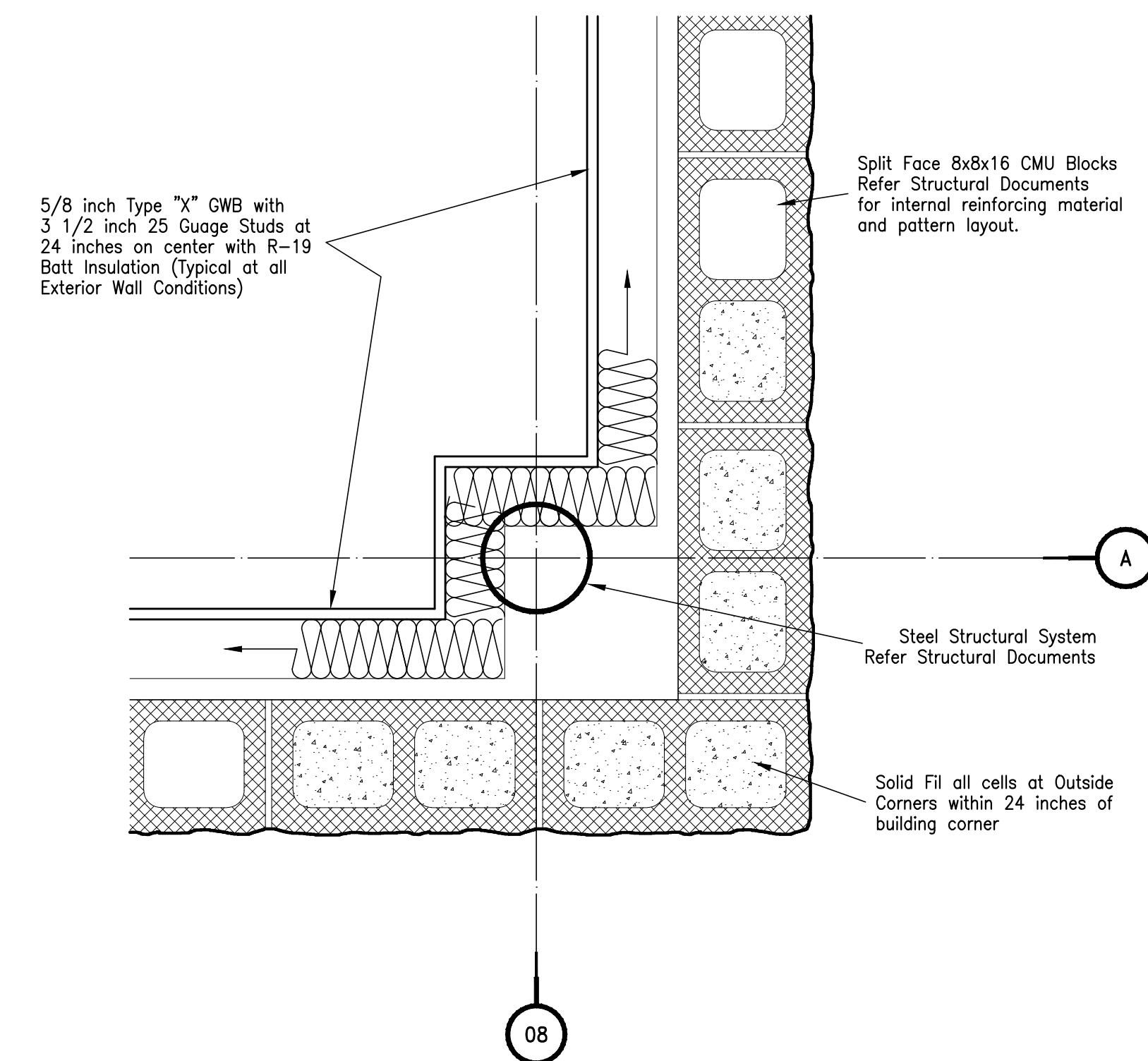
05 - Plan Section



04 - Plan Section



02 - Plan Section



01 - Plan Section

Detail Plan Sections - Architecture

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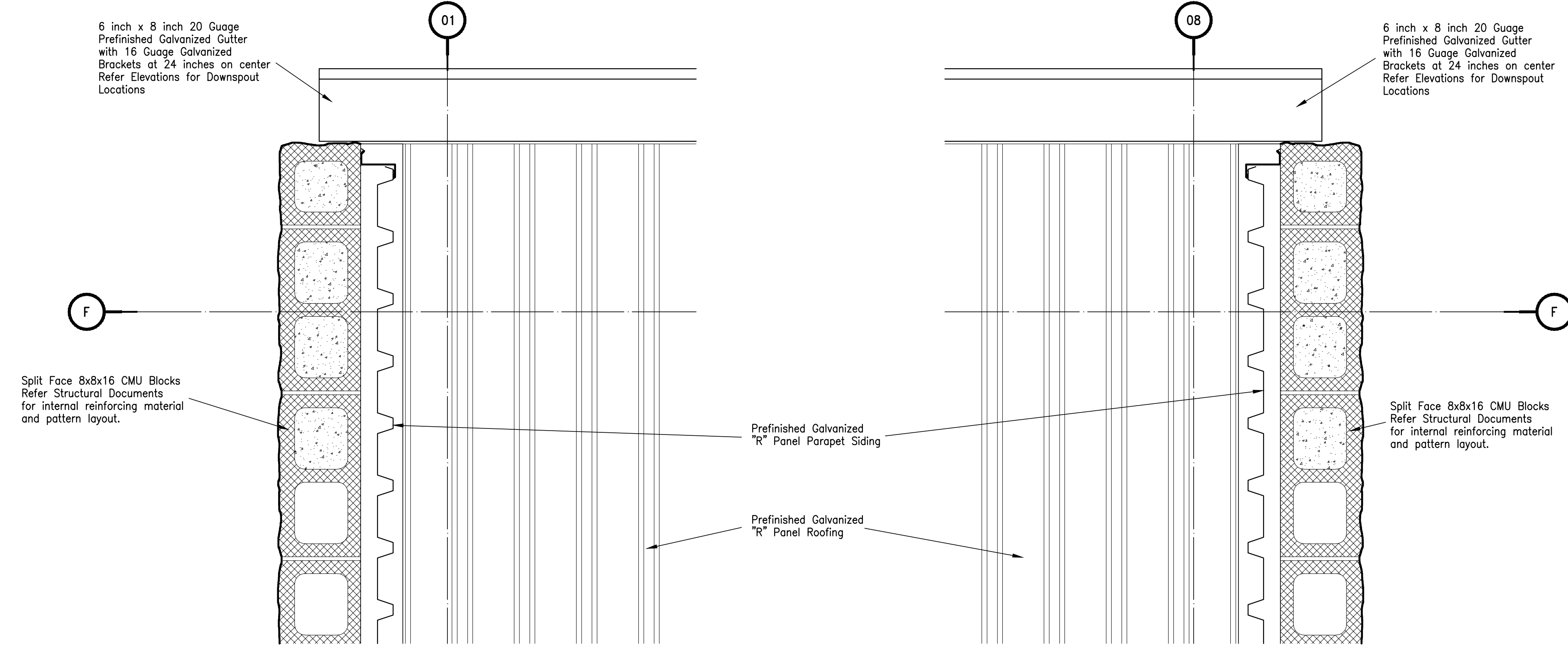
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DATE: March 10, 2014
SCALE: 1/2" = 1'-0"
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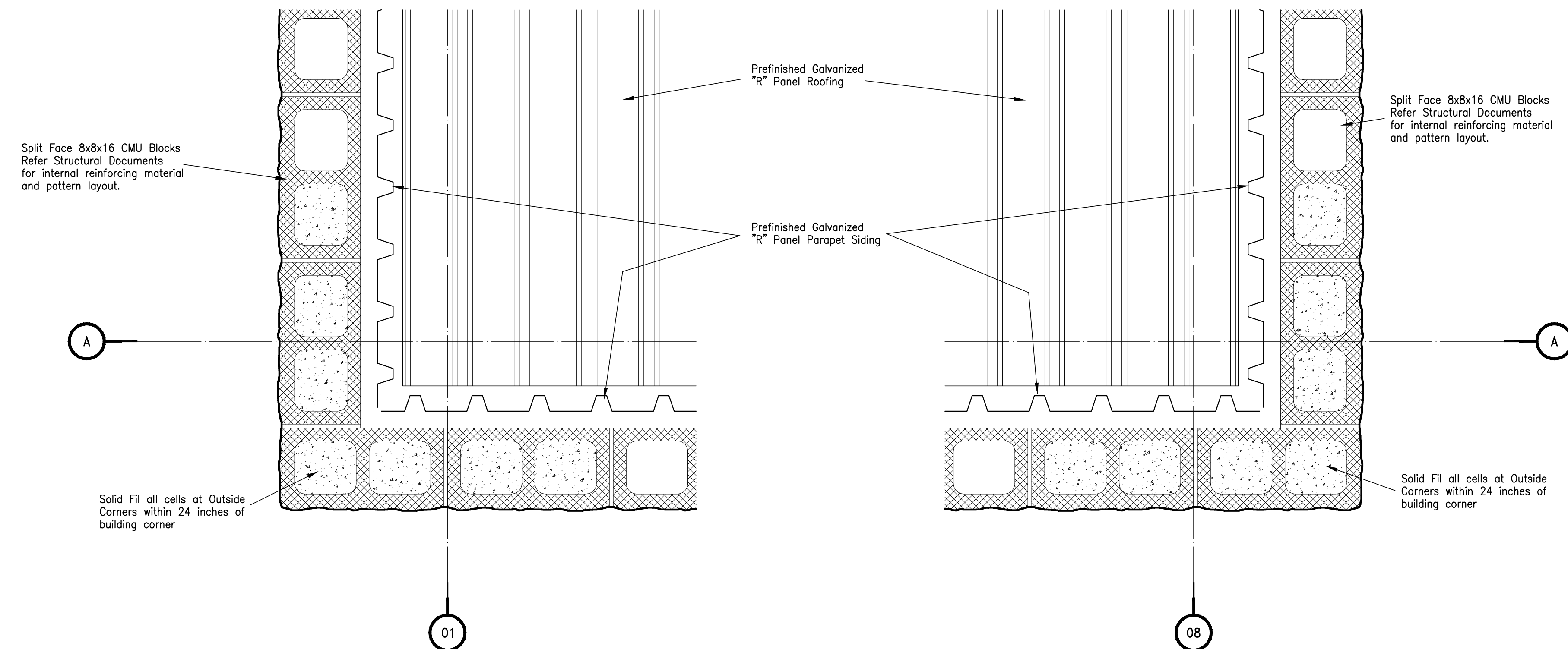
A6.01

Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet is actual 22x34 (ANSI D) so as to be printed at 11x17 (ANSI B)



04 - Parapet Section

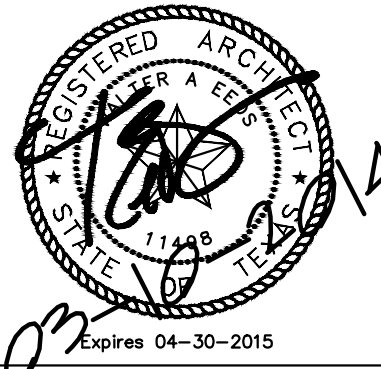

03 - Parapet Section



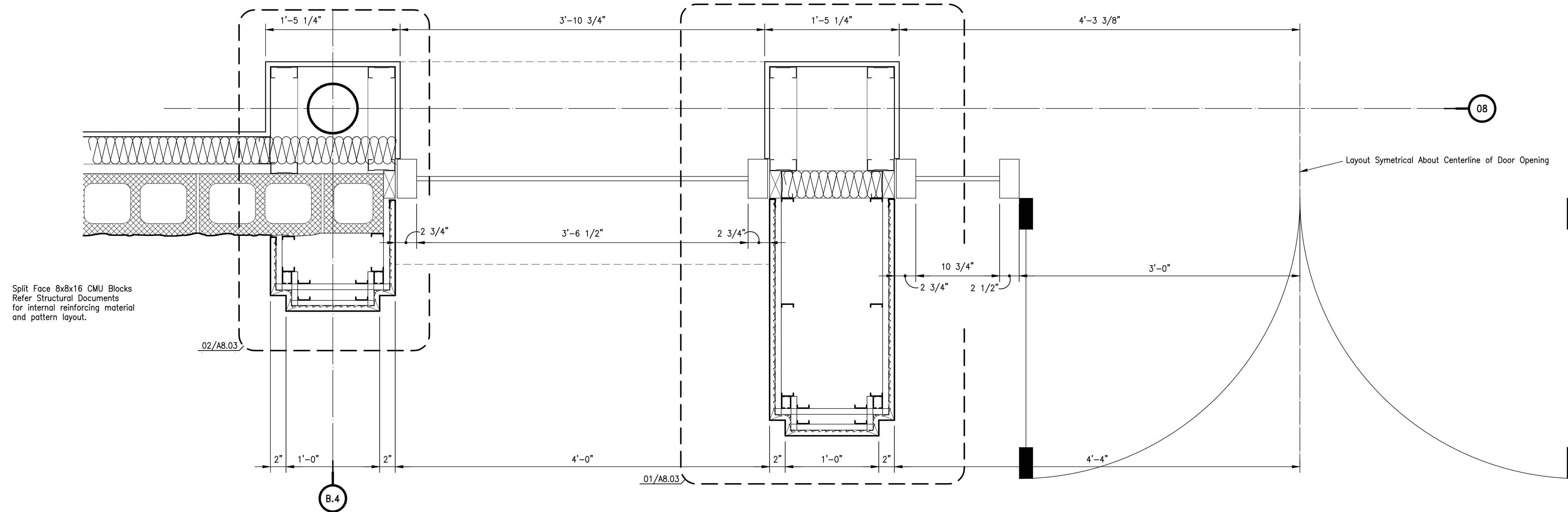
02 - Parapet Section

01 - Parapet Section

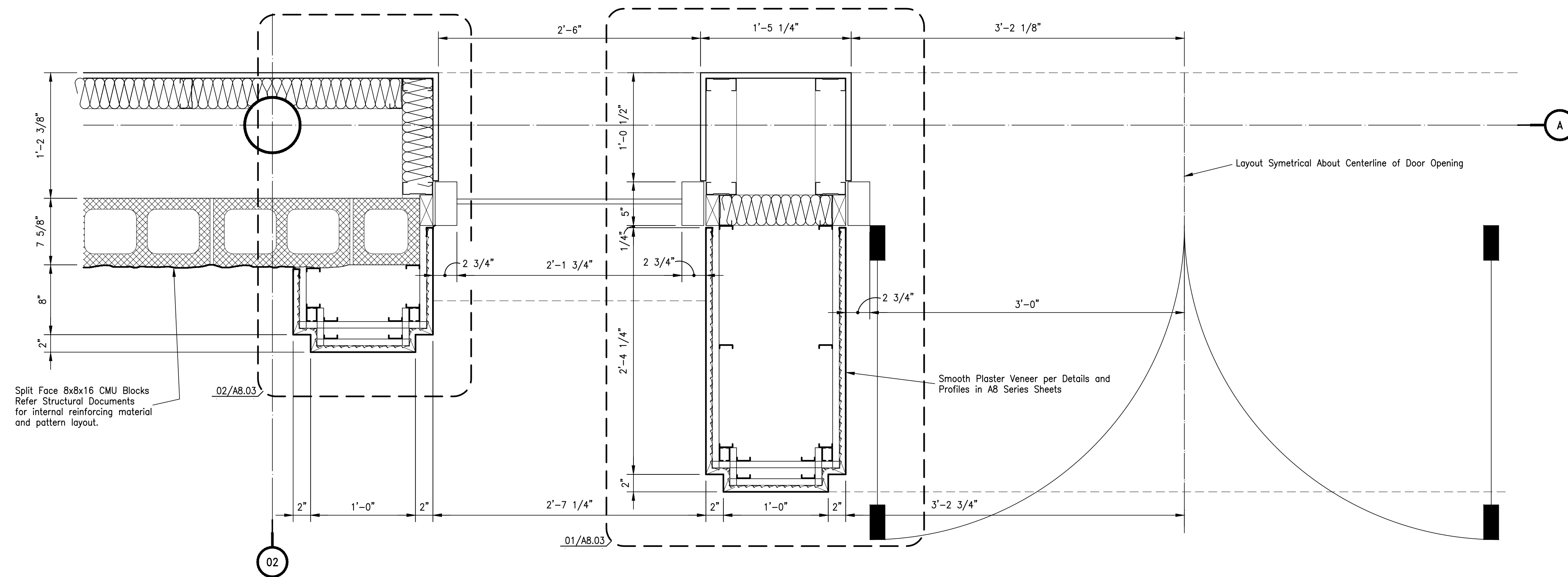
Detail Plan Sections - Architecture

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| JEFFERSON COUNTY PUBLIC HEALTH AND ADULT PROBATION DEPARTMENTS OFFICE BUILDING Port Arthur, Texas ISSUED FOR CONSTRUCTION | |
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| Chica & Associates, Inc. Texas Registered Engineering Firm F-1082 505 Orleans, Suite 106 Beaumont, Texas 77701 Ph.: (409) 833-4343 | |
|  | |
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| SCALE: | 1 1/2" = 1'-0" |
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| CHECKED BY: | WAE |
| APPROVED BY: | RB/SF |
| A6.02 | |

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02 - Plan Section - Entry - Health and Welfare



01 - Plan Section - Entry - Adult Probation

Detail Plan Sections - Architecture

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JEFFERSON COUNTY
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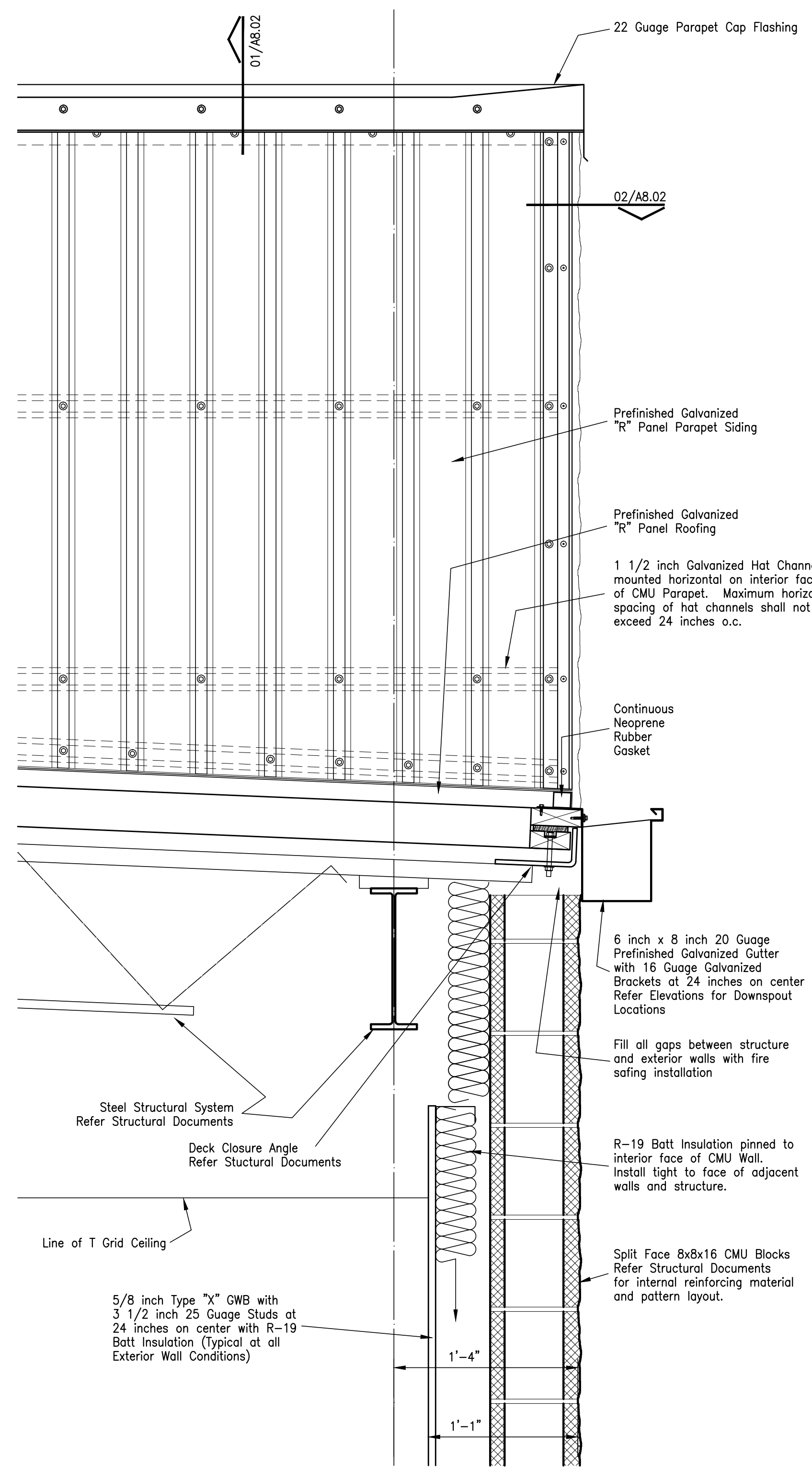
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Ph.: (409) 833-4343

Expires 04-30-2015

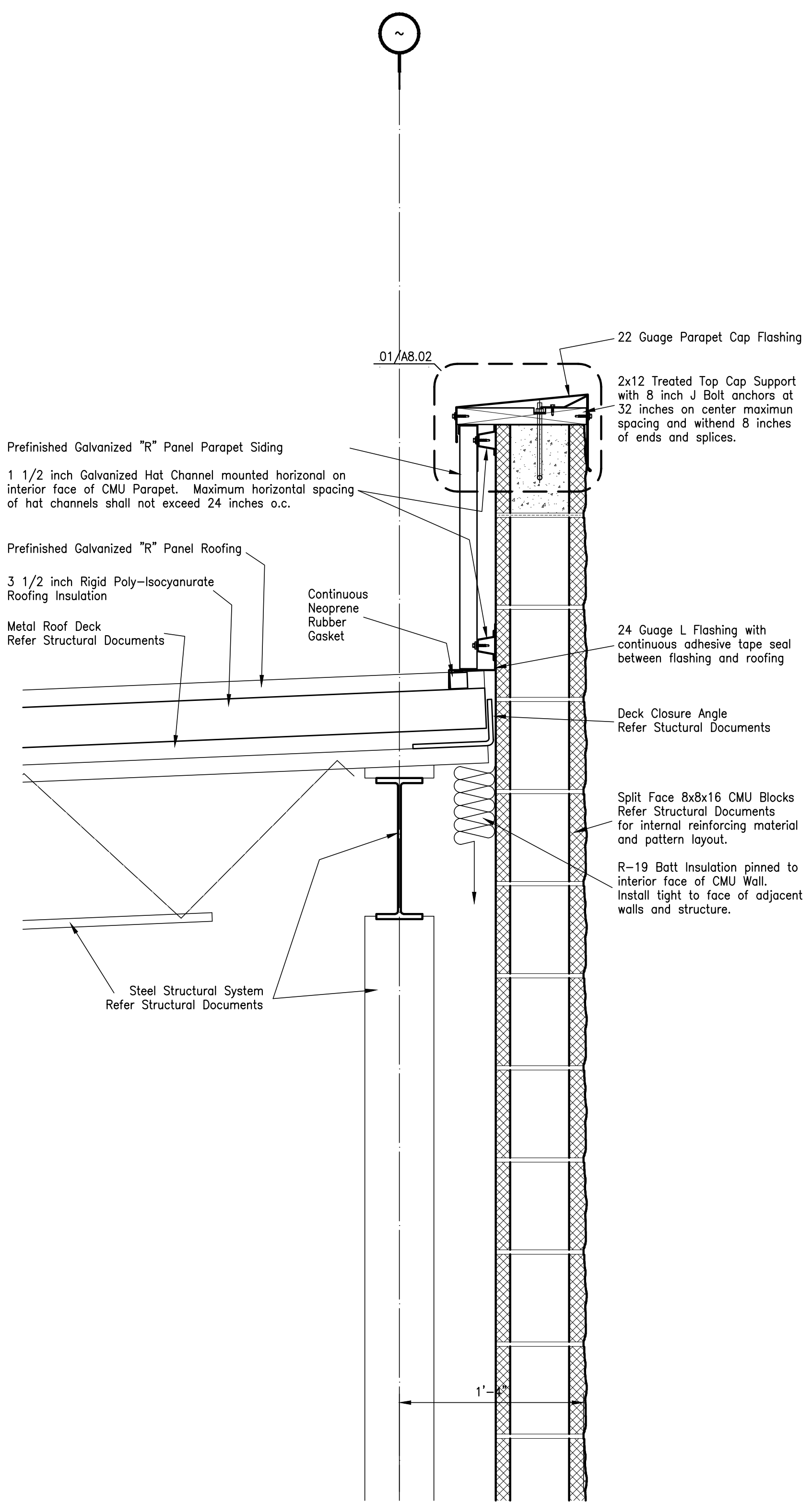
DATE: March 10, 2014
SCALE: 1 1/2" = 1'-0"
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A6.03

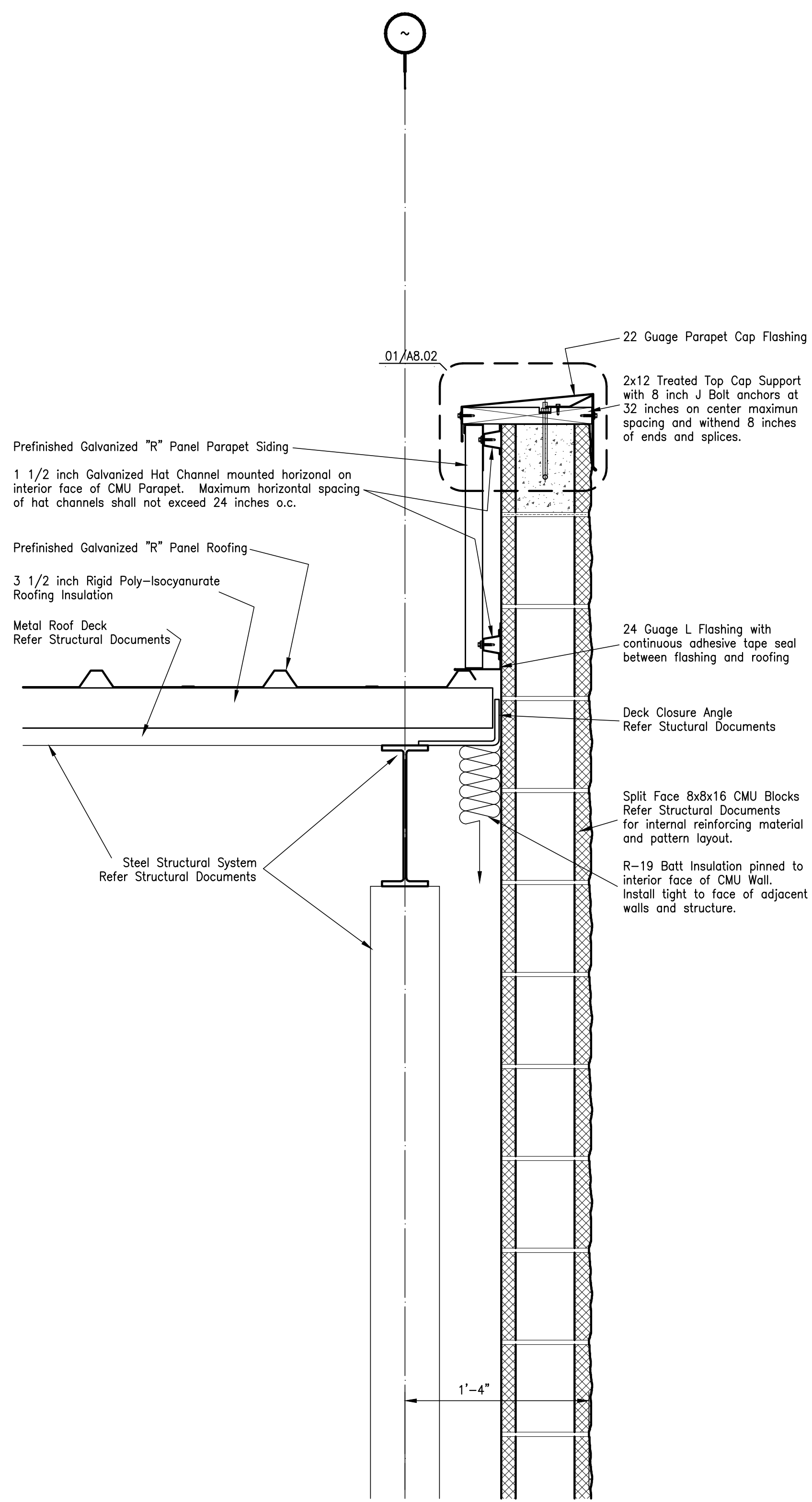
Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet as printed at 11x17 (ANSI B)



03 - Parapet Section



02 - Parapet Section



01 - Parapet Section

Detail Sections - Architecture

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**JEFFERSON COUNTY
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Port Arthur, Texas**

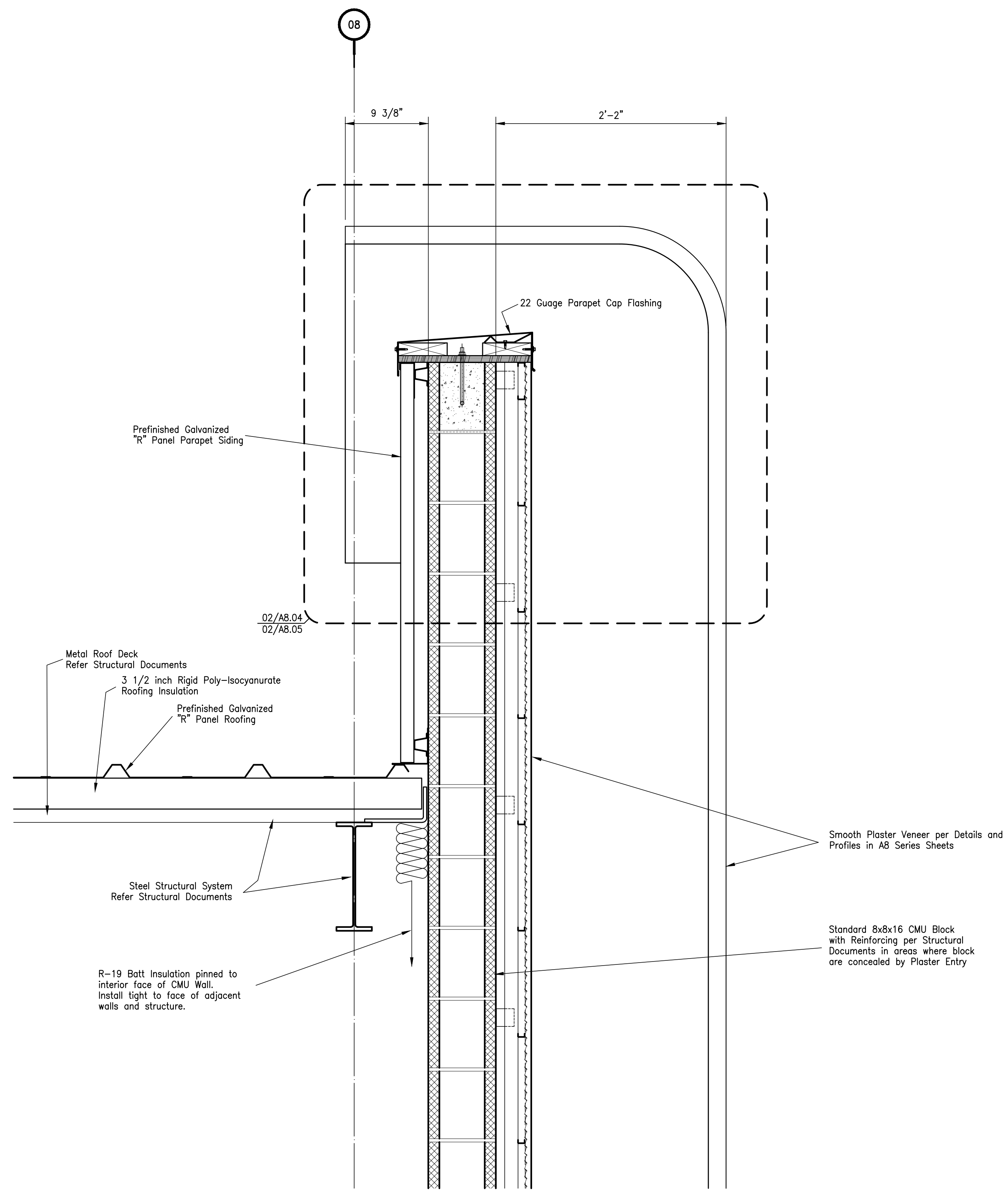
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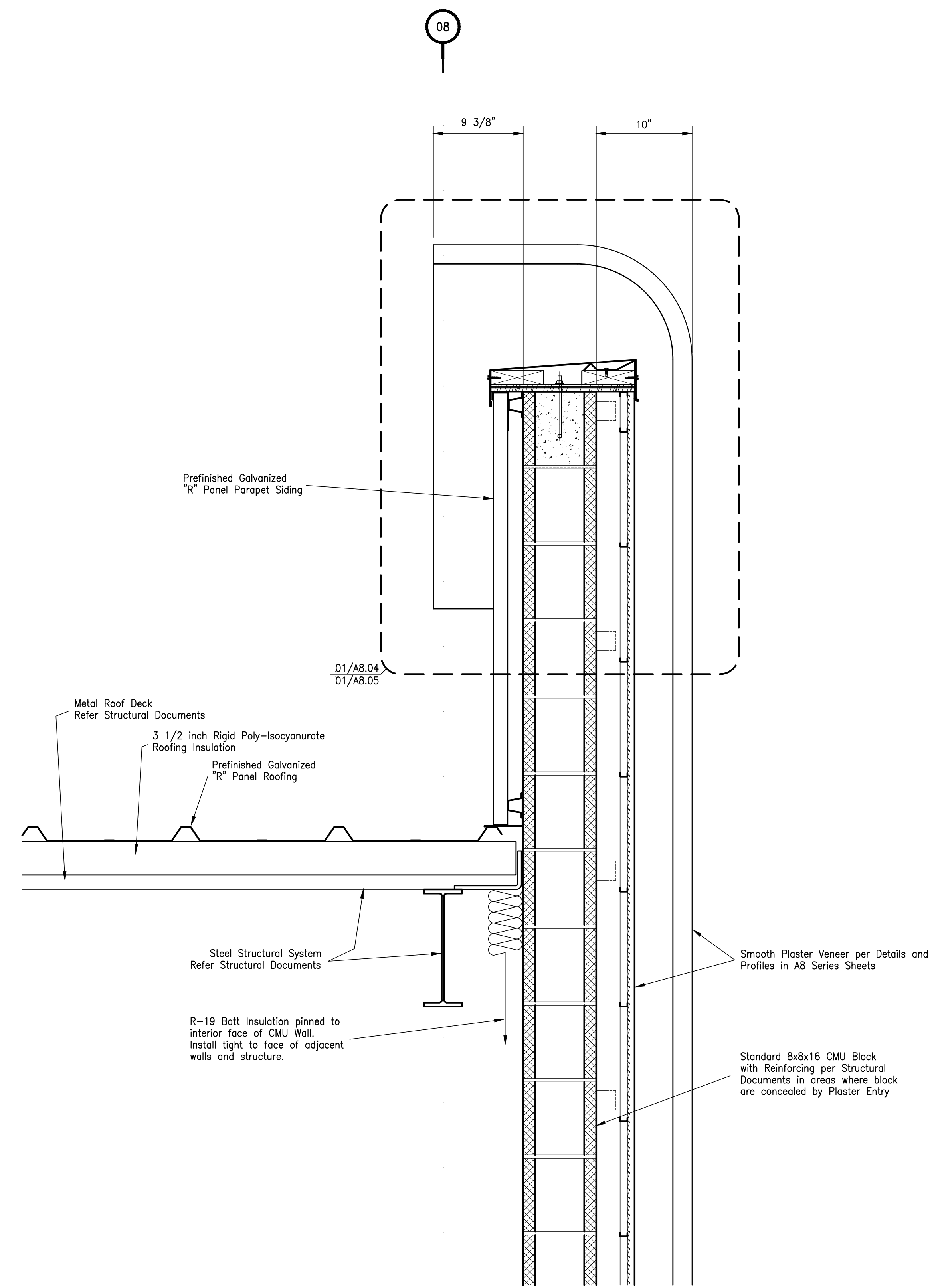
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| DATE: | March 10, 2014 |
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| CHECKED BY: | WAE |
| APPROVED BY: | RB/SF |

A6.04

Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet as to be printed at 11x17 (ANSI B)



02 - Parapet Section



01 - Parapet Section

Detail Sections - Architecture

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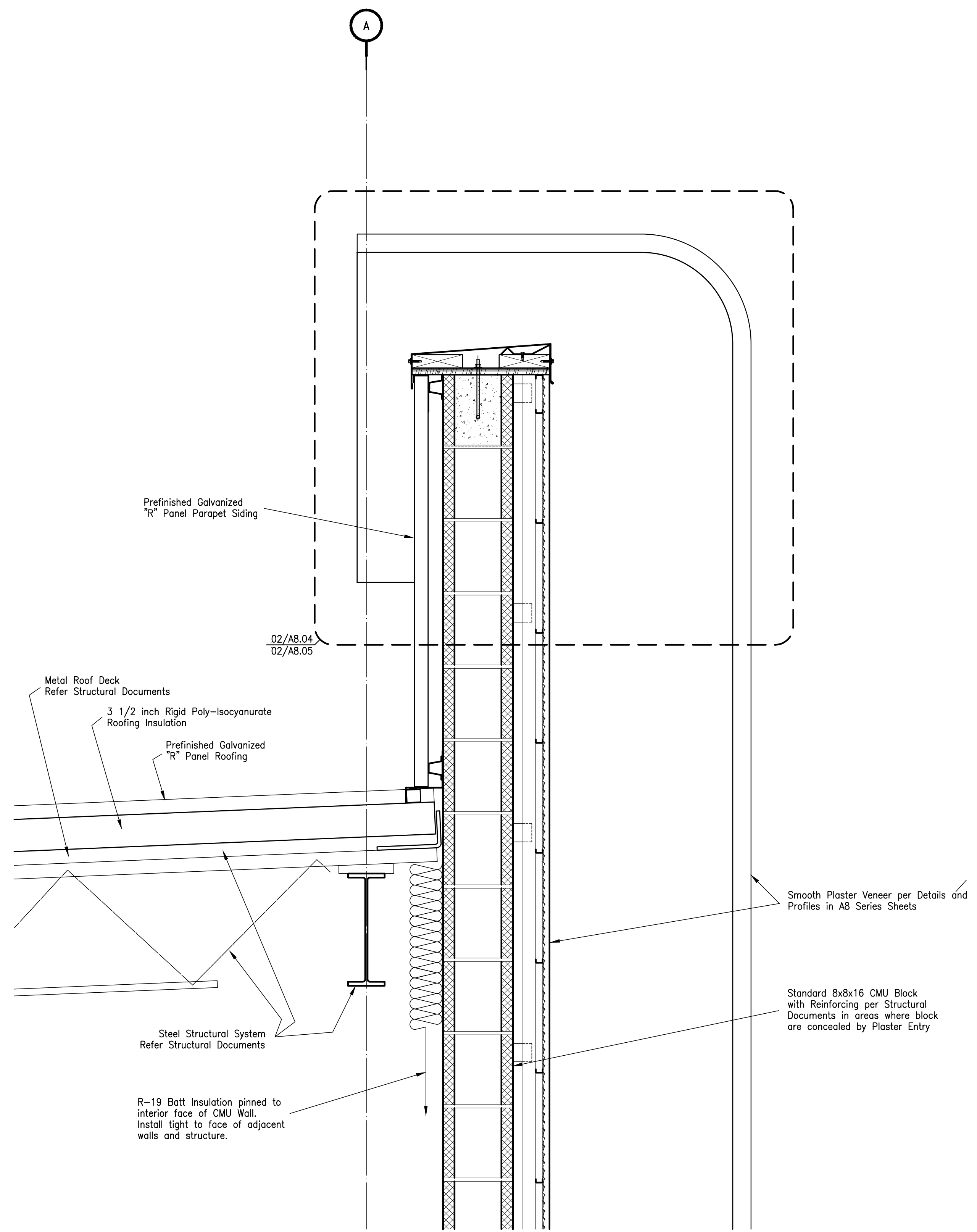
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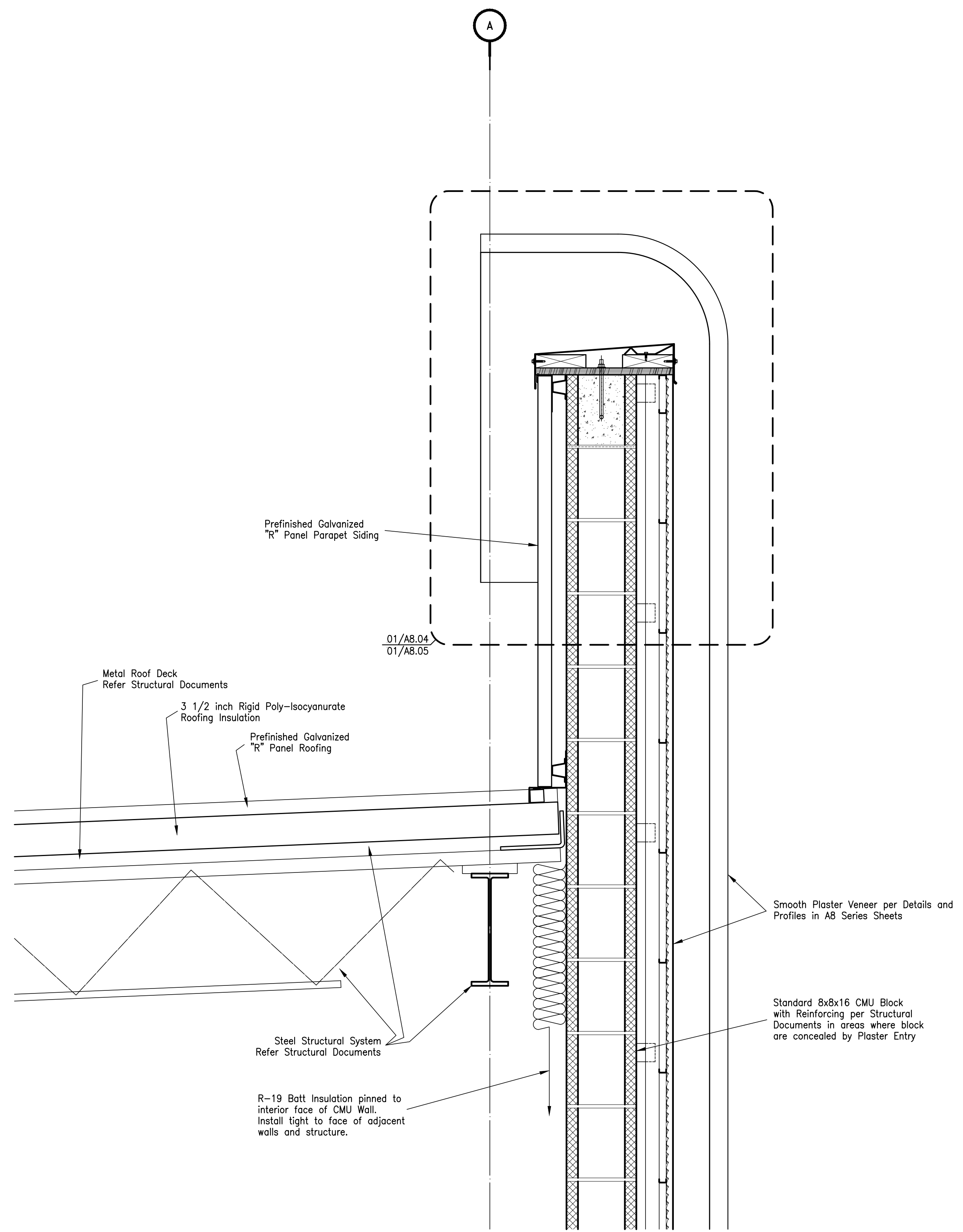
DATE: March 10, 2014
SCALE: 1 1/2" = 1'-0"
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A6.05

Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet is accuallt 22x34 (ANSI D) so as to be printed at 11x17 (ANSI B)



02 - Parapet Section



01 - Parapet Section

Detail Sections - Architecture

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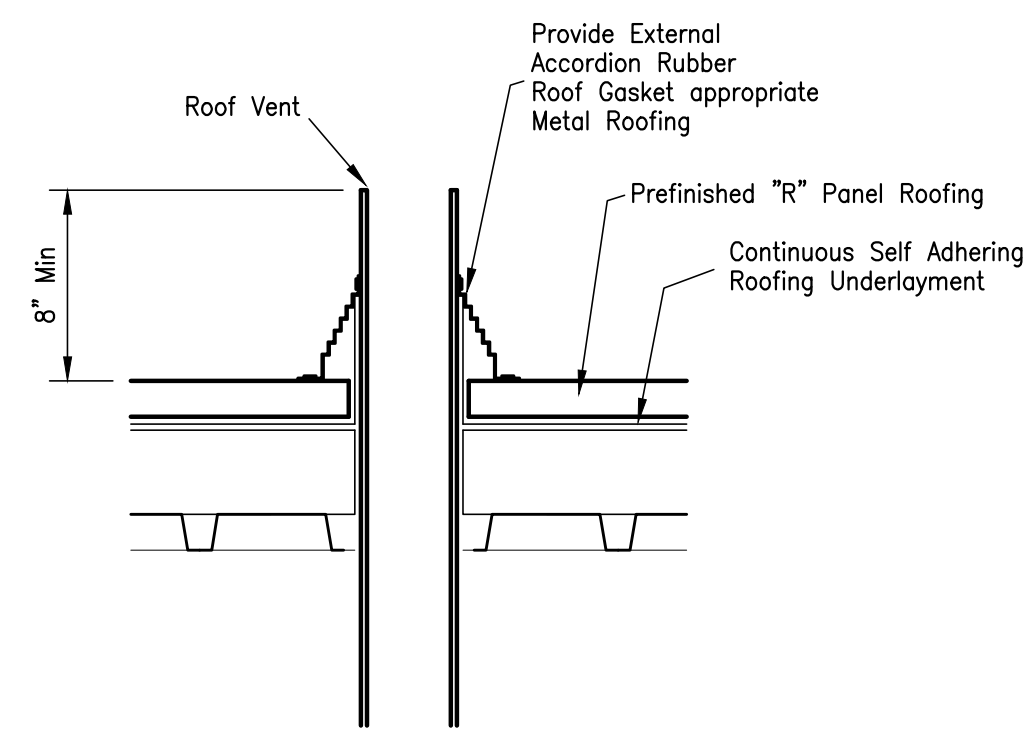
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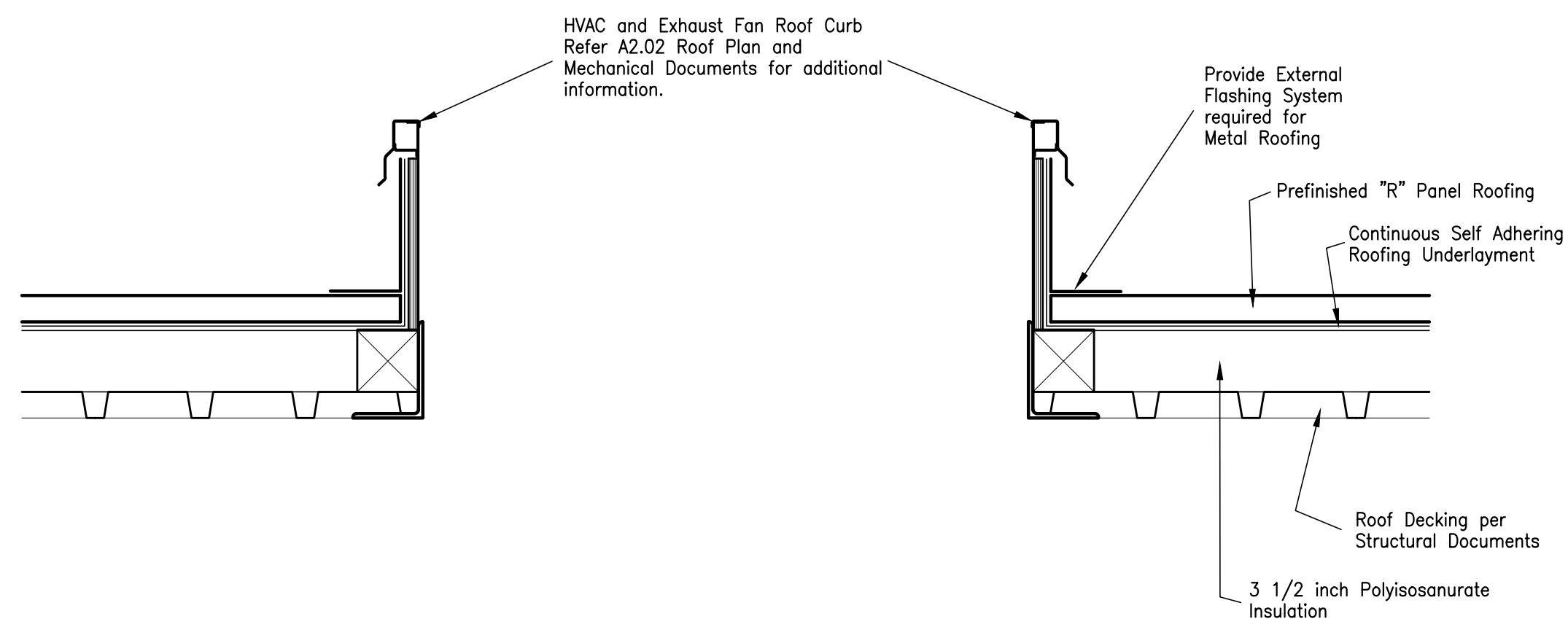
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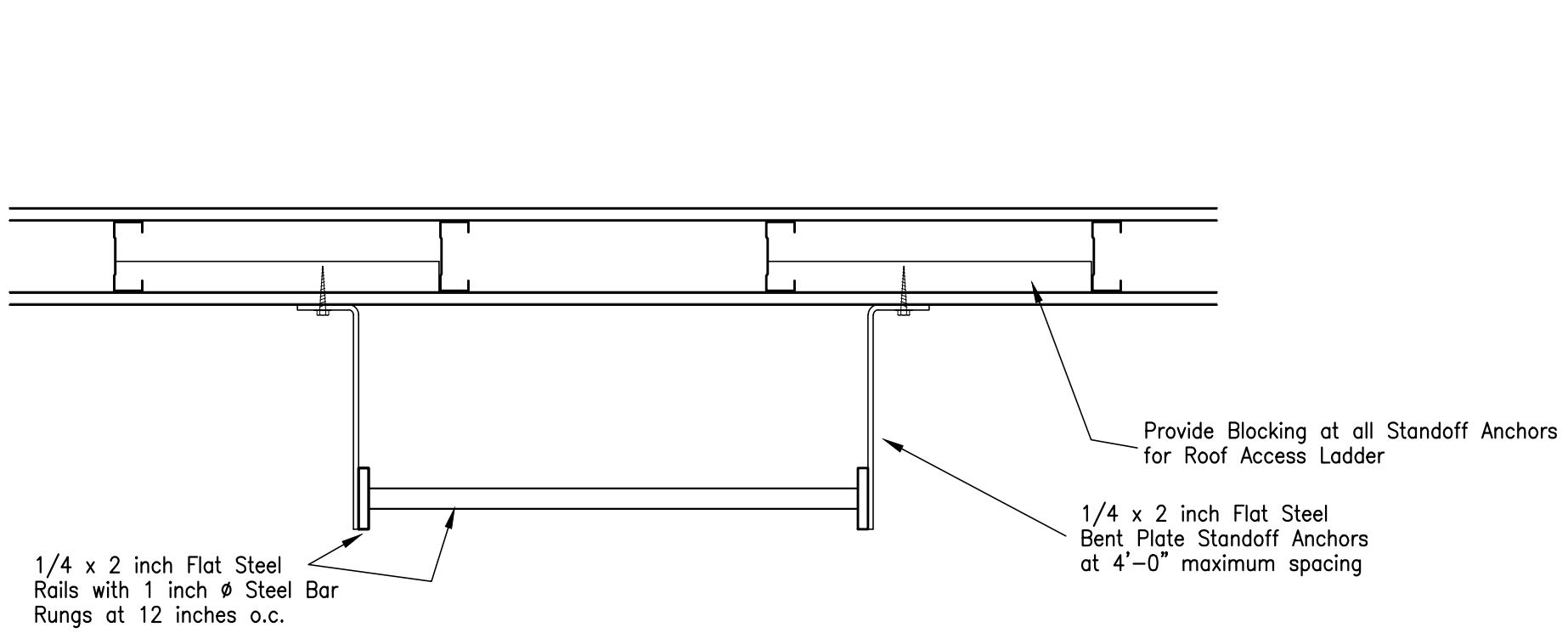
Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet is overall 22x34 (ANSI D) so as to be printed at 11x17 (ANSI B)



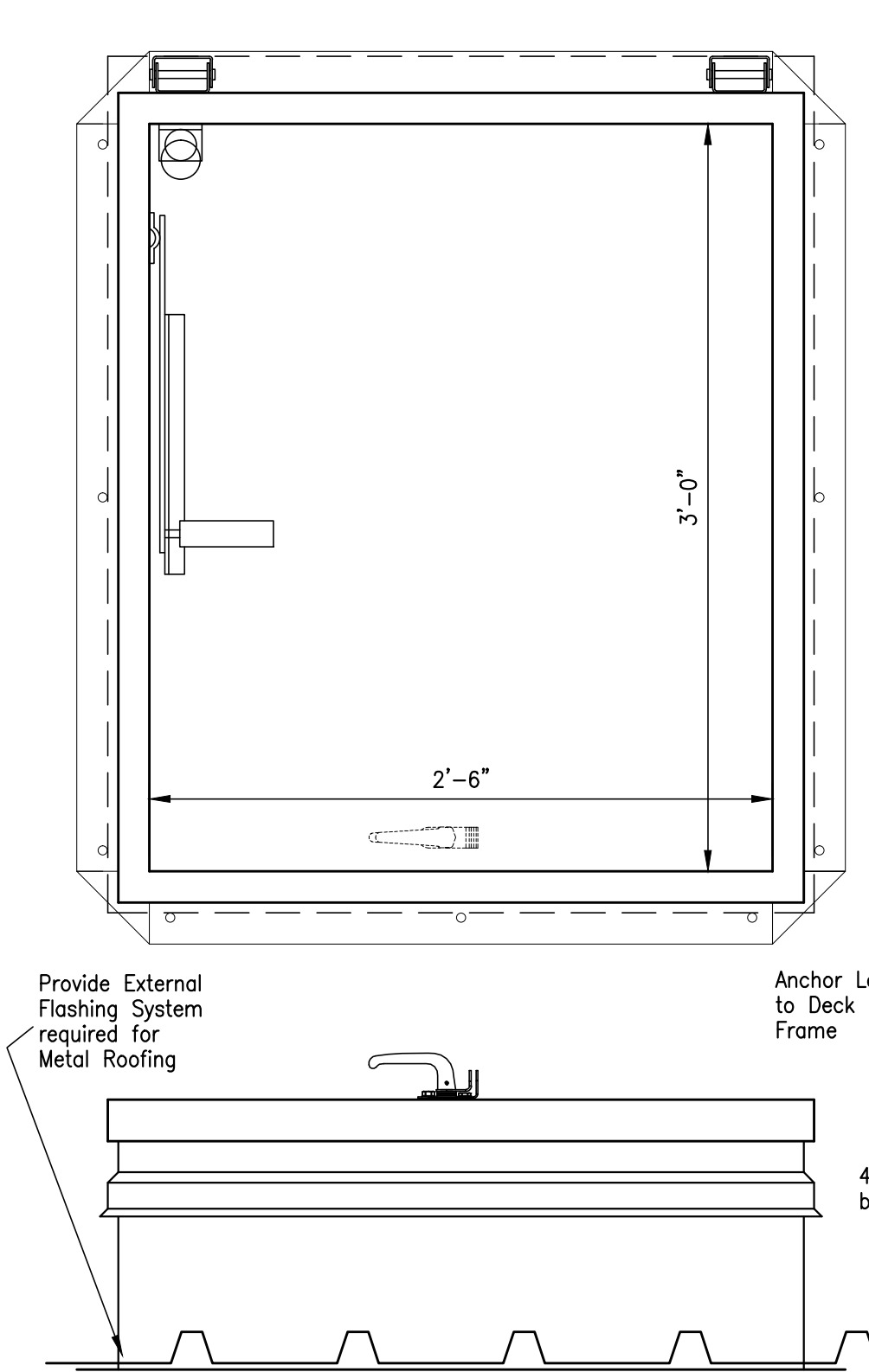
04 - Plumbing Roof Vent Detail



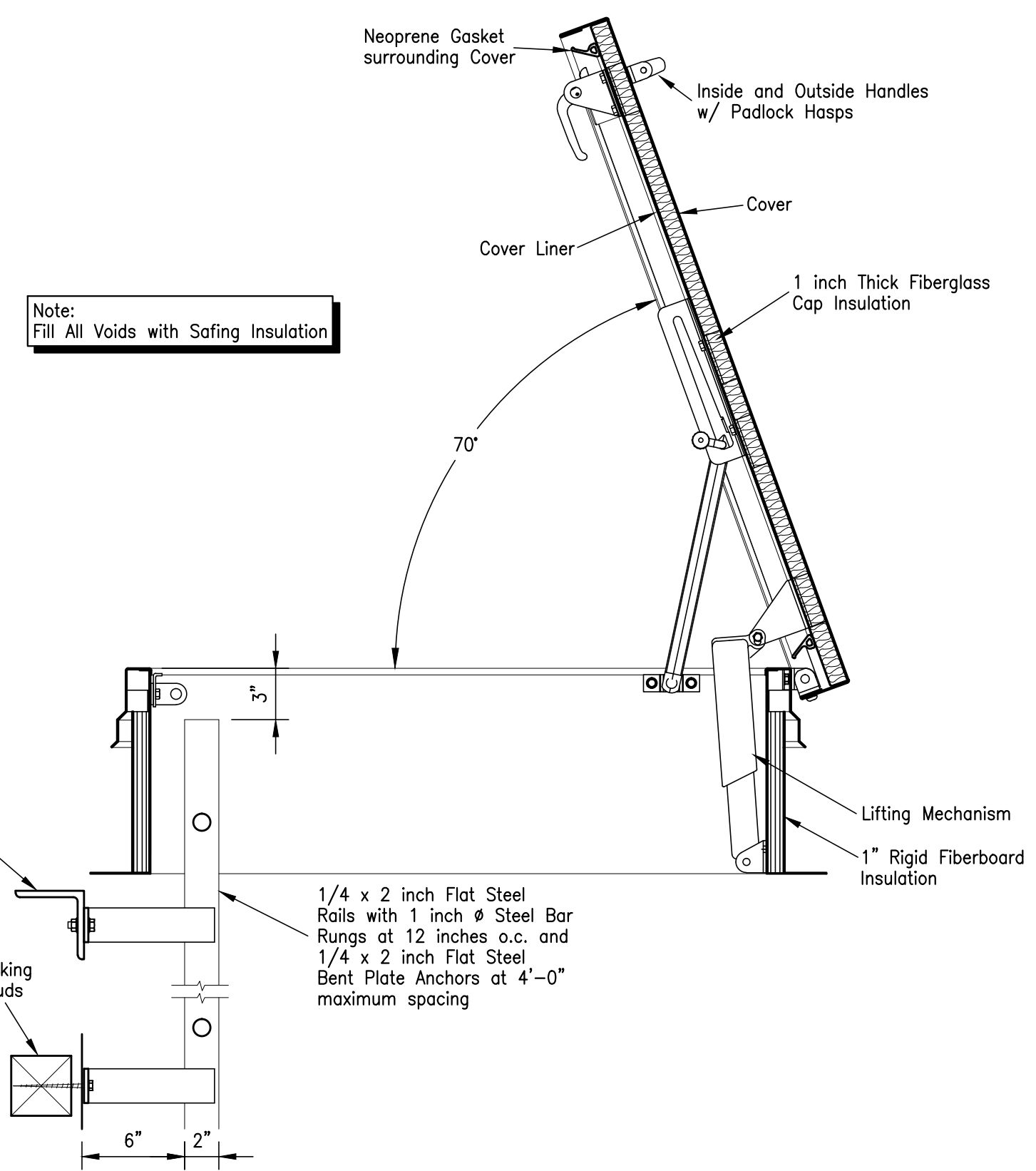
03 - Mechanical Roof Curb Detail



02 - Roof Access Ladder Detail



Note: Fill All Voids with Safing Insulation



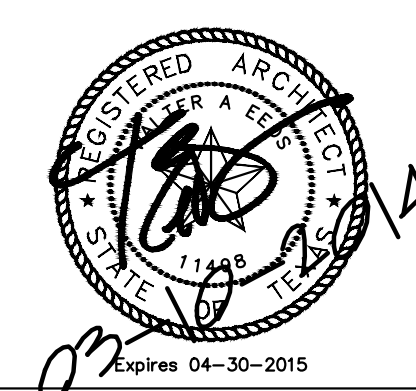
01 - Roof Hatch Detail

Exterior Details - Architecture

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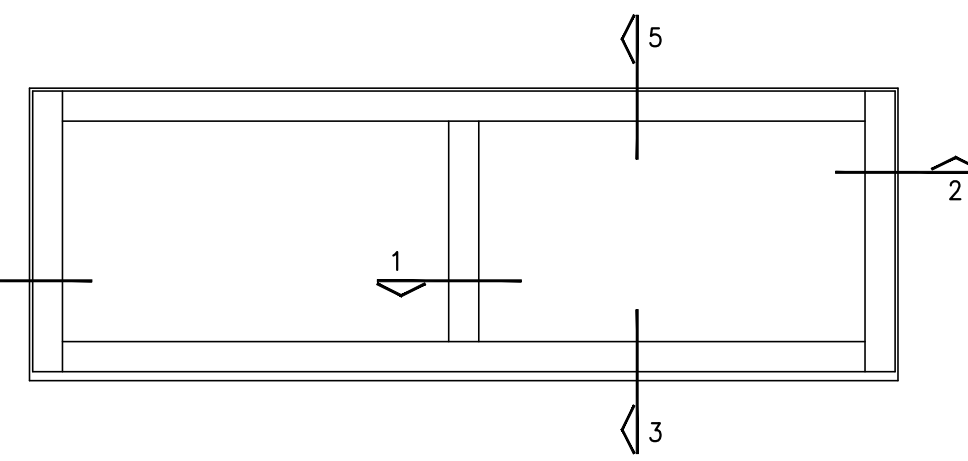
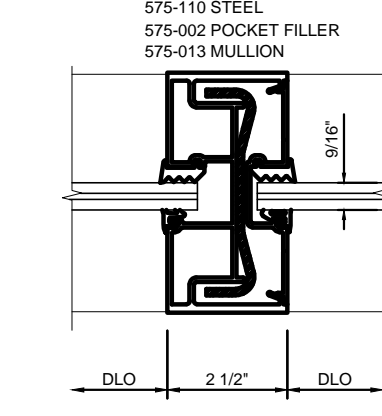
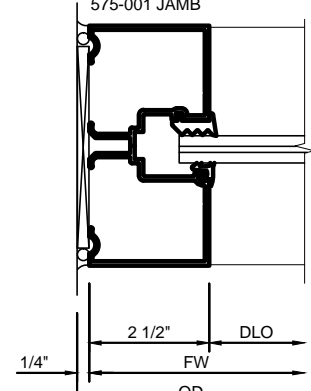
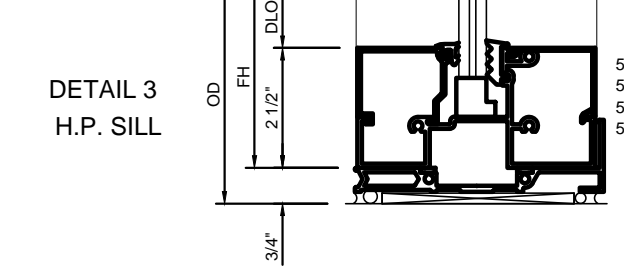
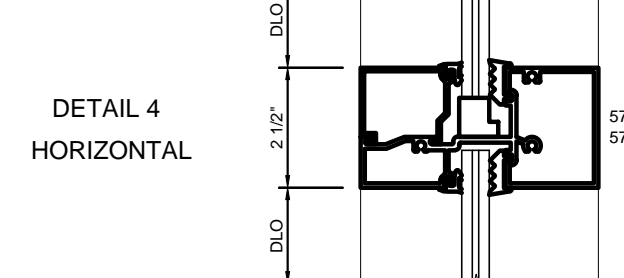
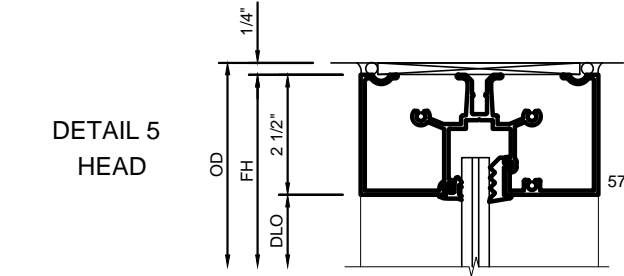
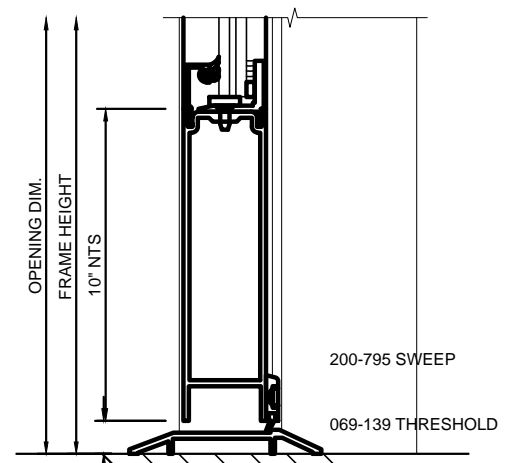
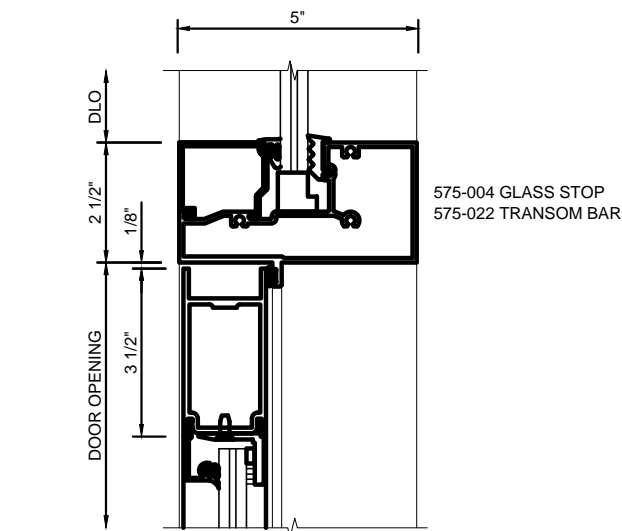
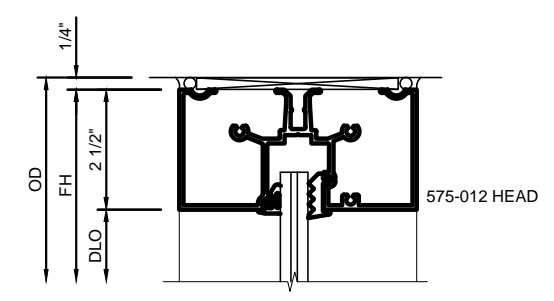
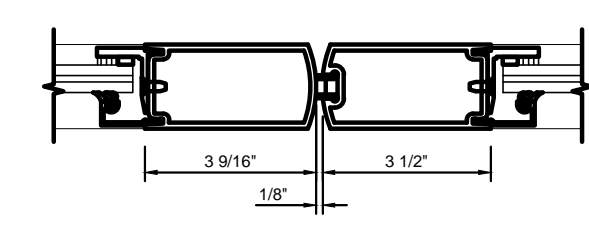
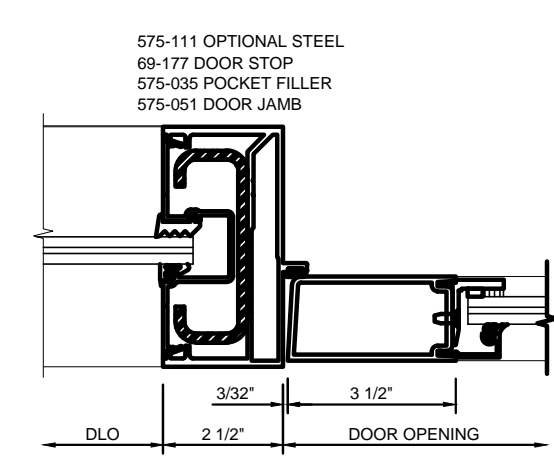
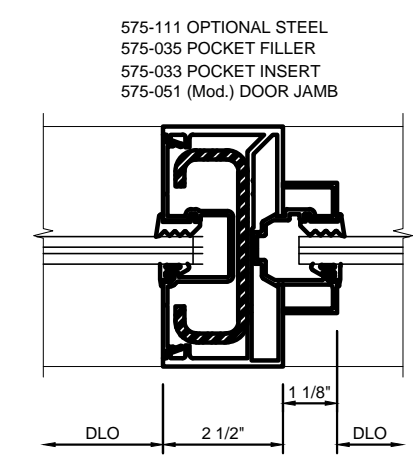
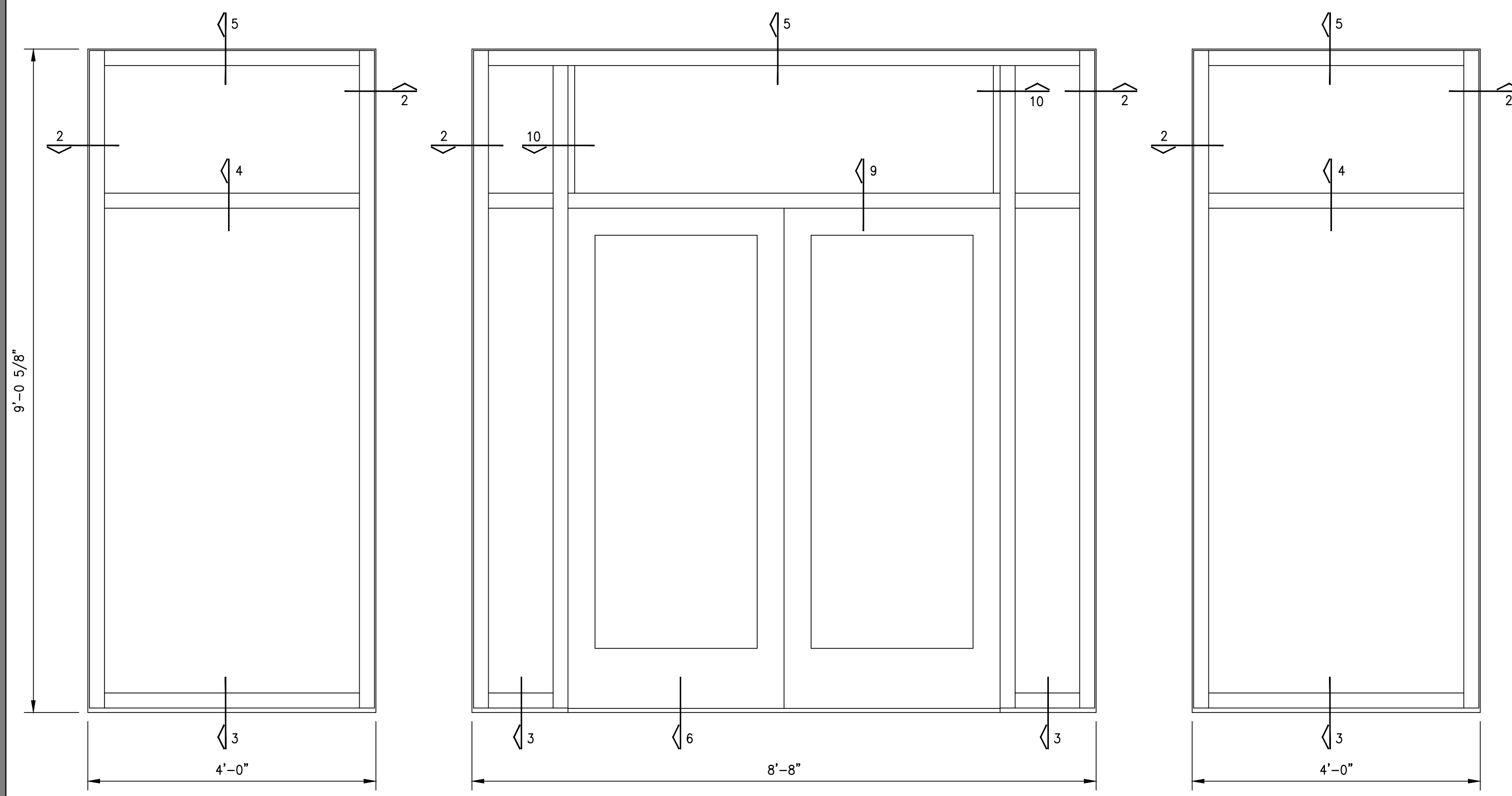
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A6.07

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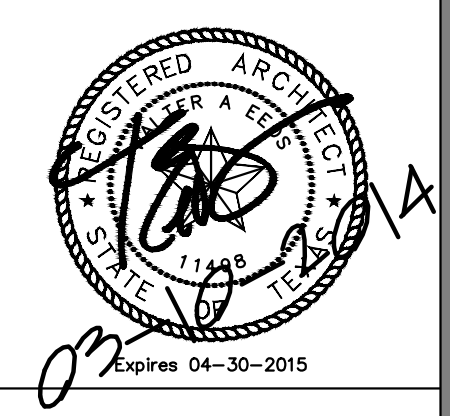
Window Schedule

| Mark | Opening Width | Opening Height |
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| W4 | 4'-0 3/8" | 2'-0 3/8" |
| W6 | 6'-0 3/8" | 2'-0 3/8" |
| W8 | 8'-0 3/8" | 2'-0 3/8" |

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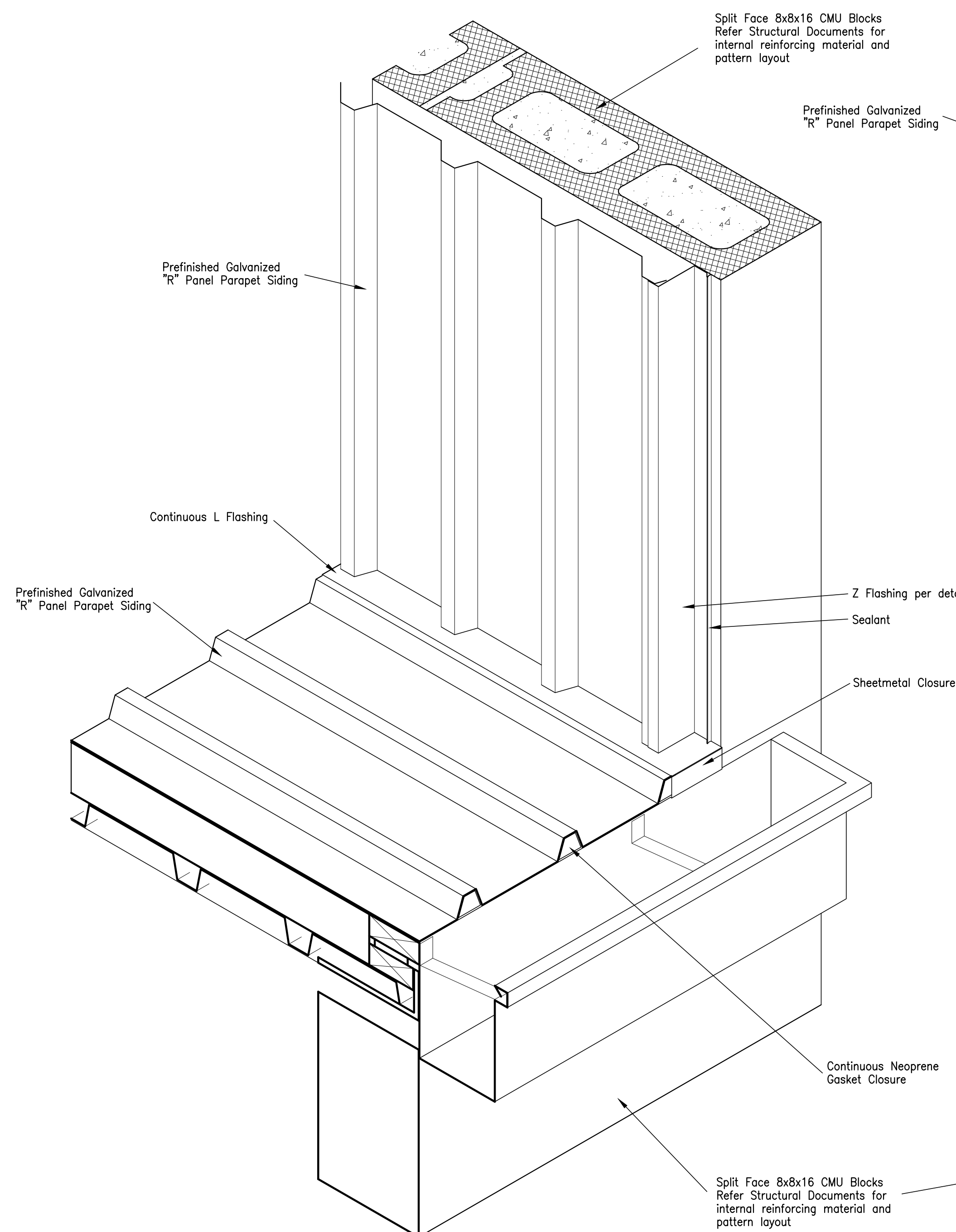


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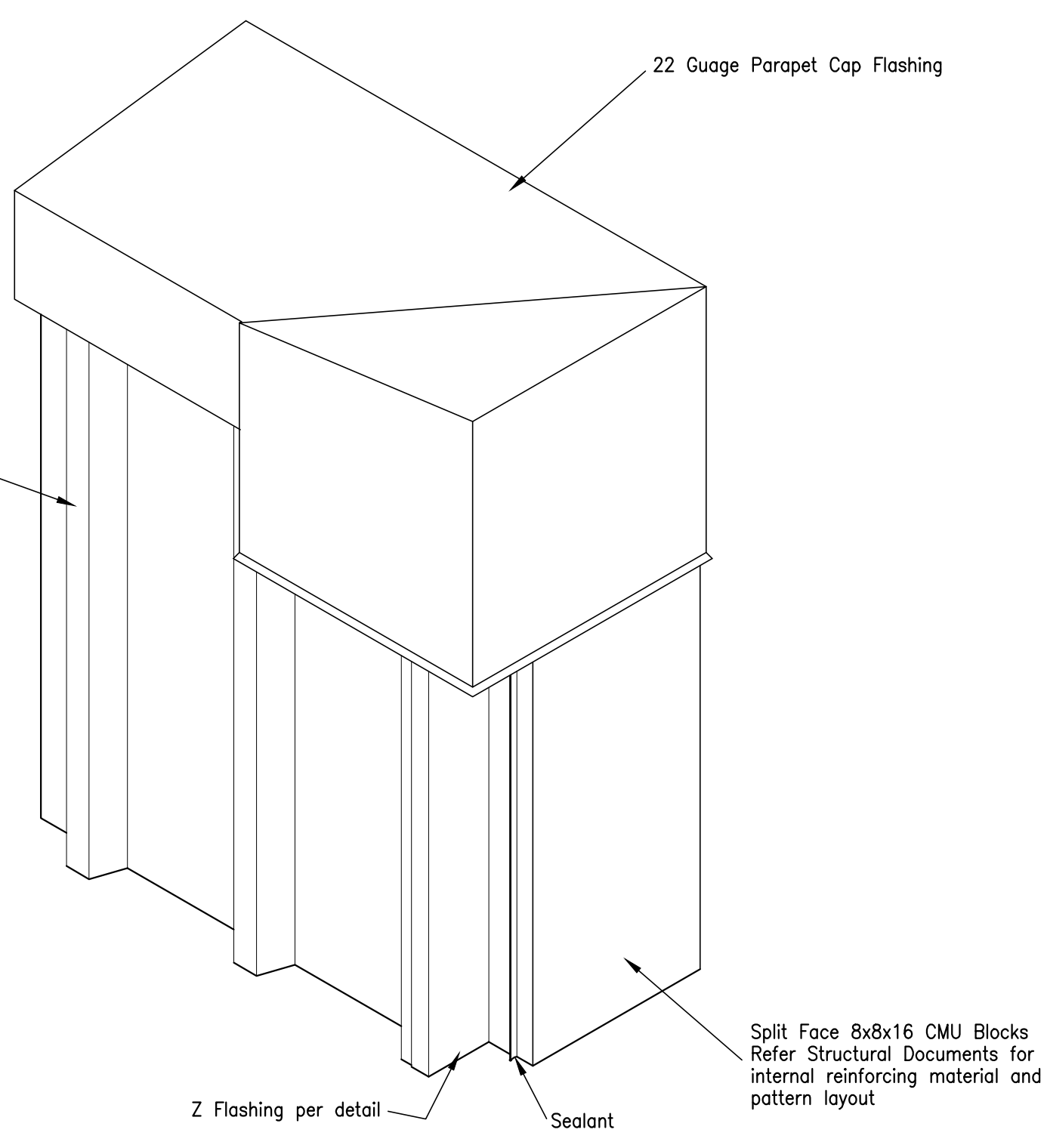
A8.01

Enlarged Elevations and Details - High Impact Exterior Glazing - Architecture

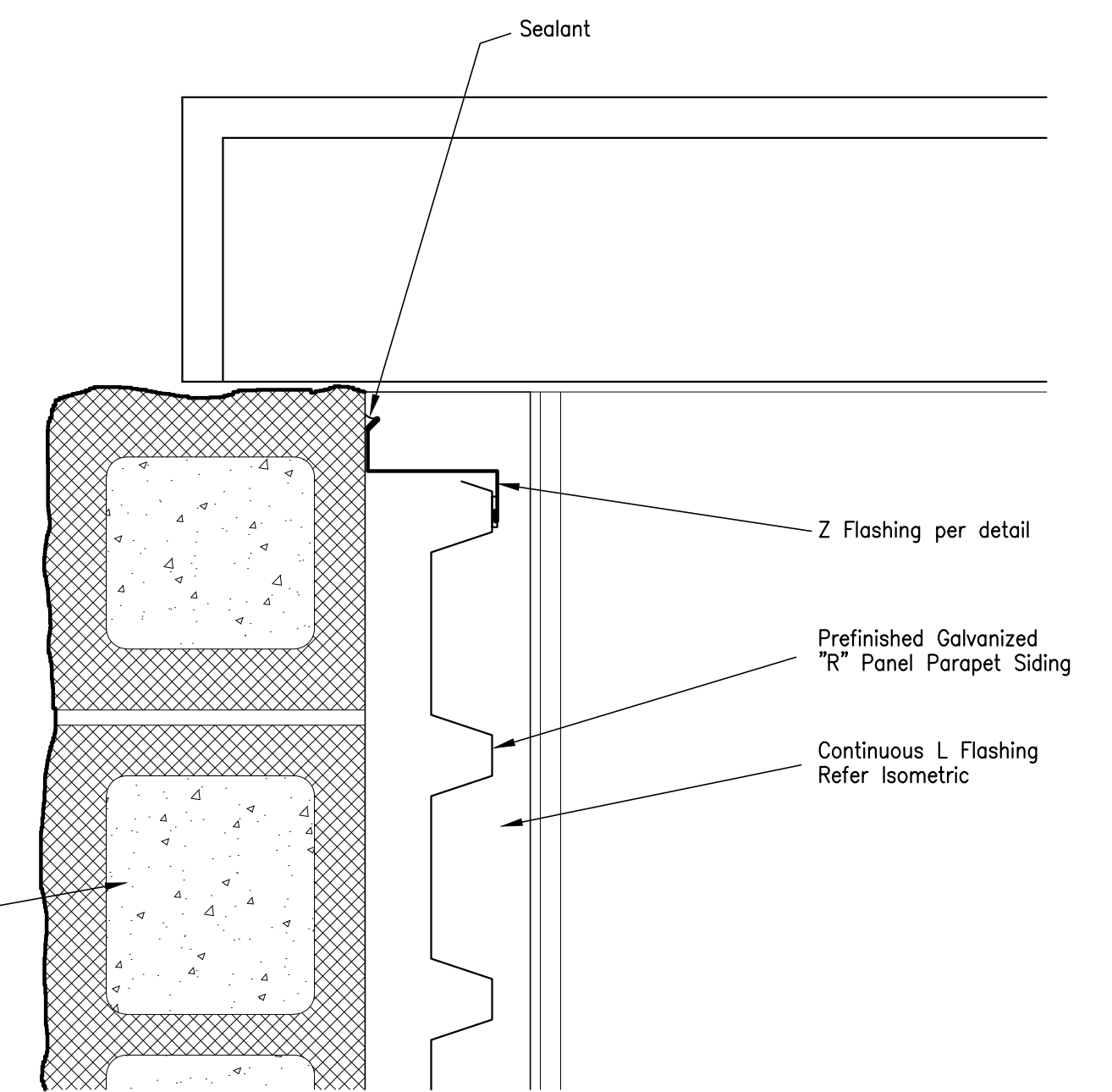
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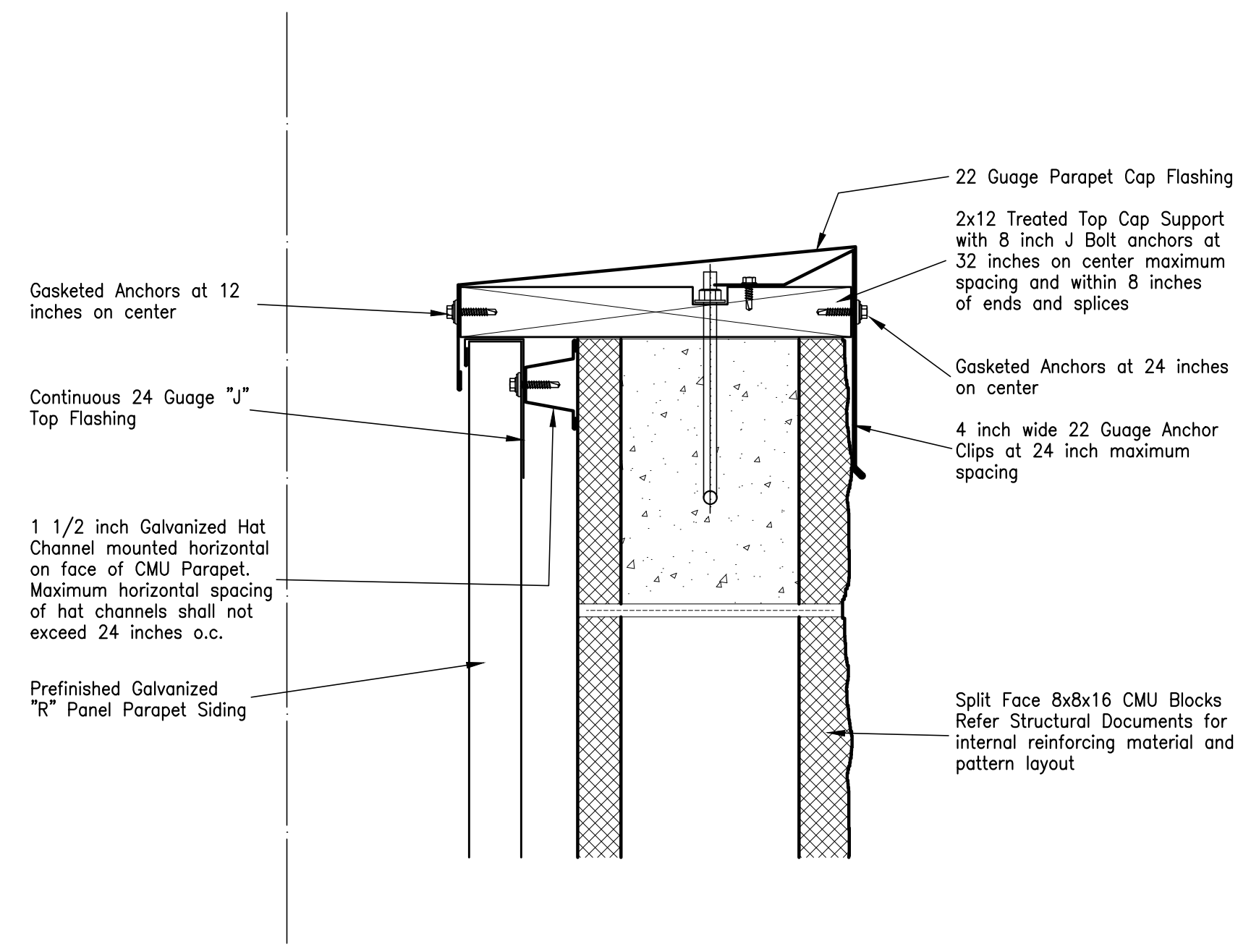
03 - Parapet Isometric



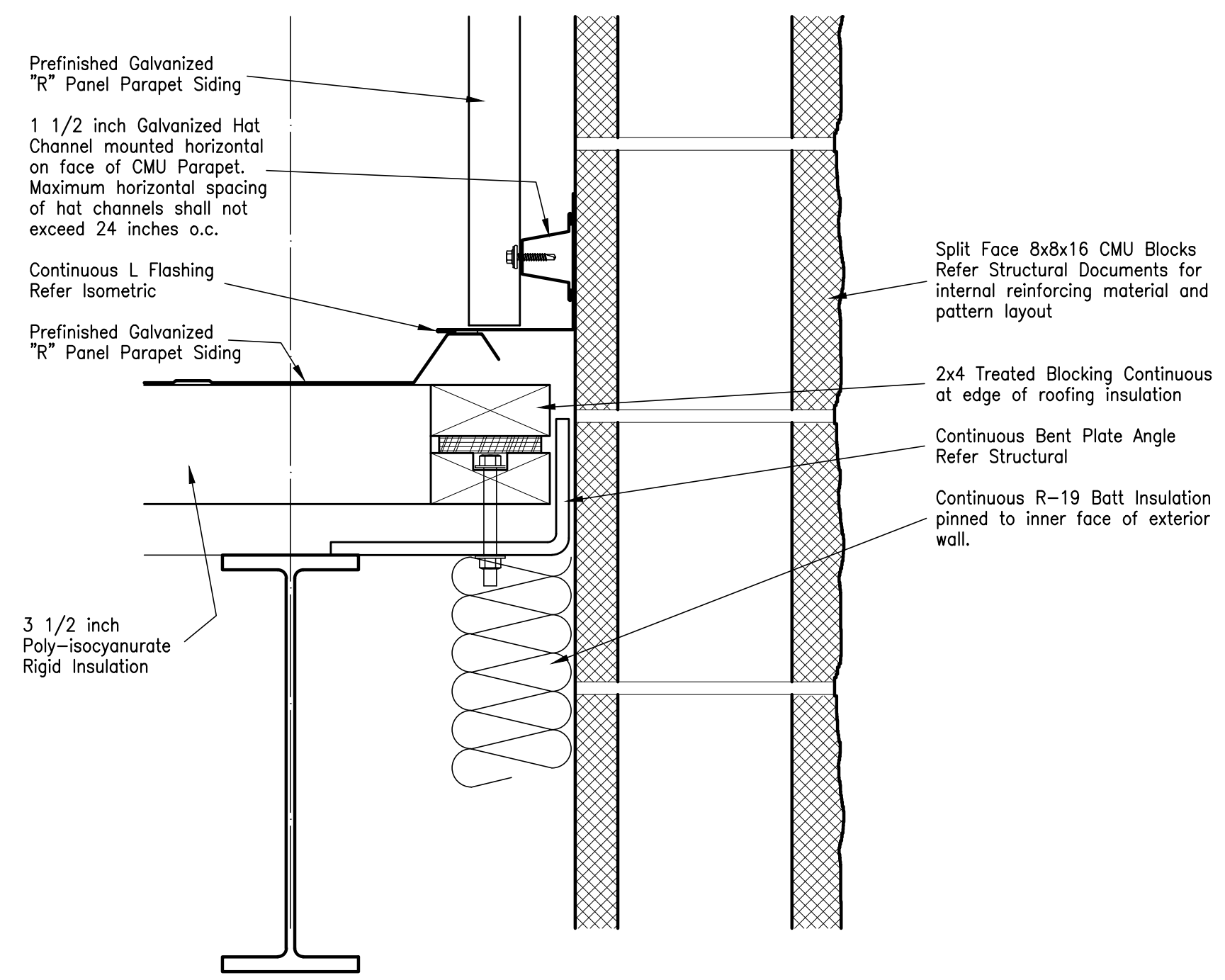
05 - Parapet Cap Isometric



02 - Parapet Plan Detail

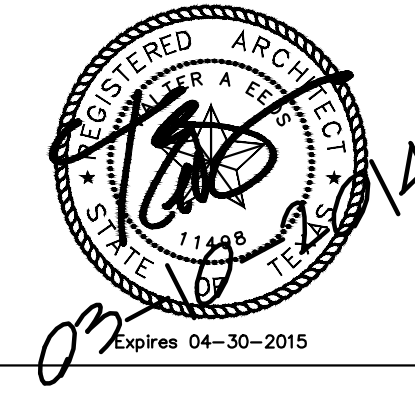



04 - Parapet Cap Section Detail



01 - Parapet Section Detail

Exterior Details - Architecture

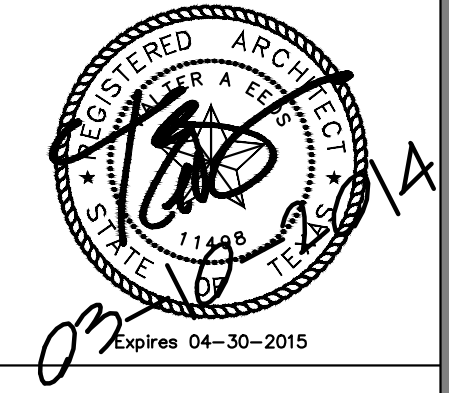

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| <p>JEFFERSON COUNTY PUBLIC HEALTH AND ADULT PROBATION DEPARTMENTS OFFICE BUILDING Port Arthur, Texas</p> <p>ISSUED FOR CONSTRUCTION</p> | | | | | | | | | | | |
|  | | | | | | | | | | | |
| <p>Chica & Associates, Inc. Texas Registered Engineering Firm F-1082 505 Orleans, Suite 106 Beaumont, Texas 77701 Ph.: (409) 833-4343 Fax: (409) 833-6326</p>  | | | | | | | | | | | |
| <p>DATE: March 10, 2014 SCALE: 3" = 1'-0" DRAWN BY: ET AL CHECKED BY: WAE APPROVED BY: RB/SF</p> | | | | | | | | | | | |
| A8.02 | | | | | | | | | | | |

Do not scale plots to fit 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet as to be printed at 11x17 (ANSI B)

DOOR AND HARDWARE SCHEDULE

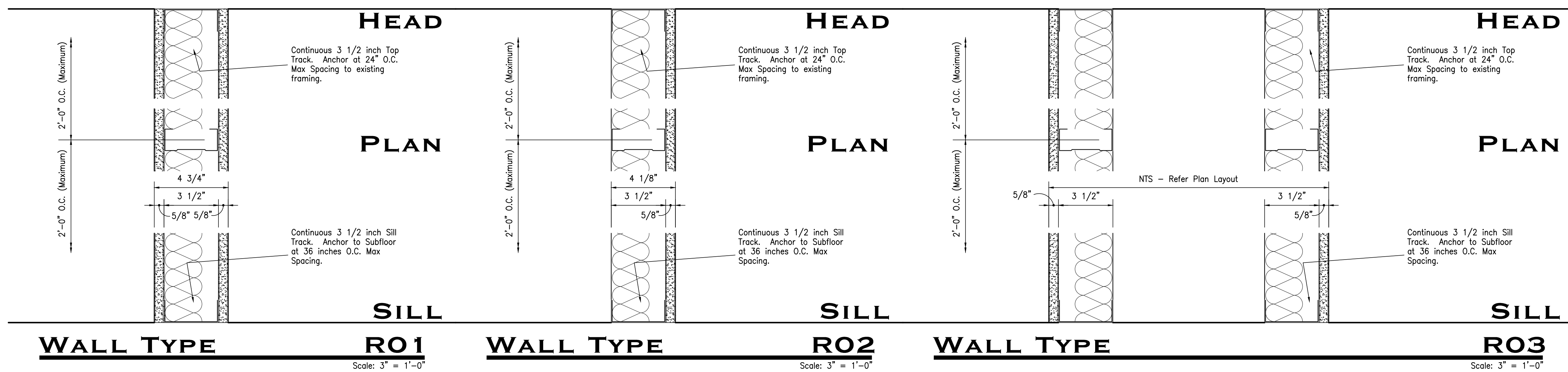
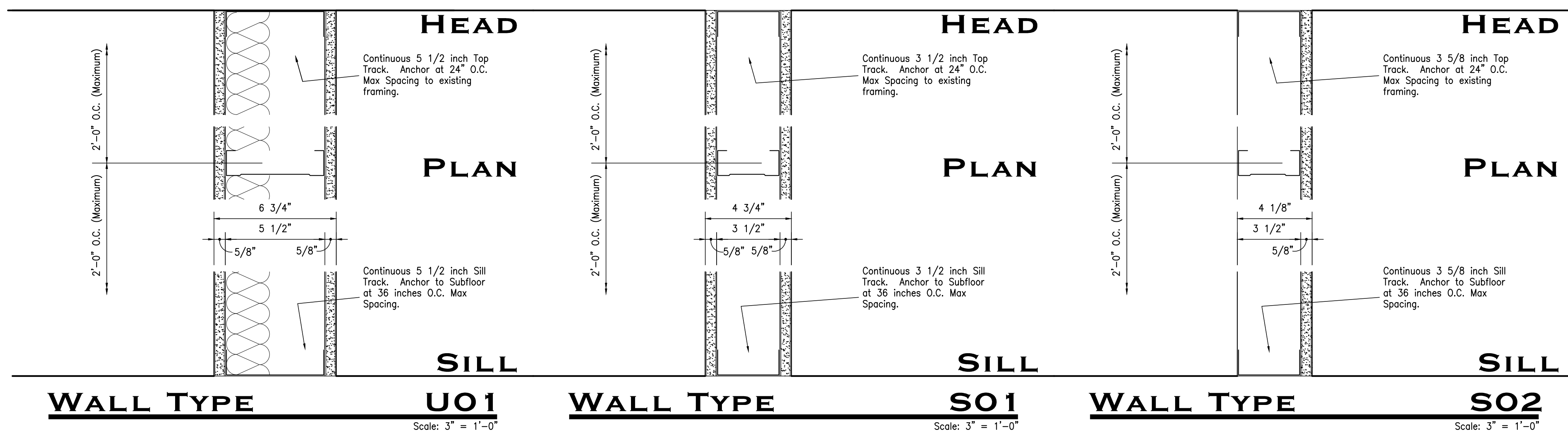
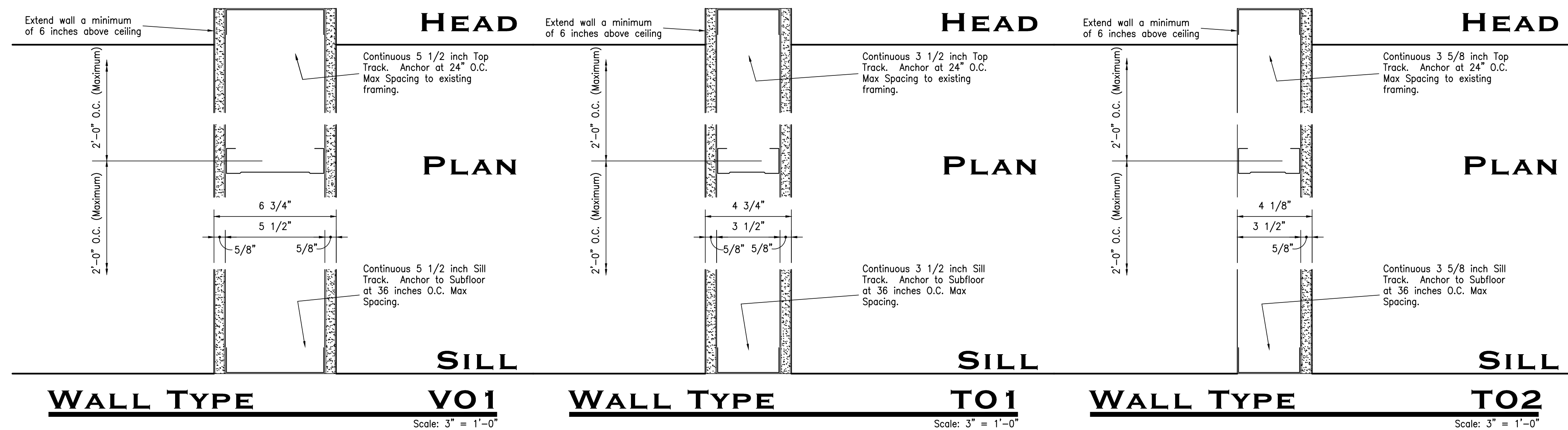
| LOCATION | DOOR NUMBER & SIZE | | DOOR TYPE & MATERIALS | | FRAME TYPE & MATERIALS | | DOOR DETAILS, HARDWARE TYPES & FUNCTIONS | | NOTES |
|----------|--------------------|-------------------|-----------------------|------------------------|------------------------|------------|--|-------------|-------|
| | DOOR NUMBER | WIDTH - 3'-0" UNO | HEIGHT - 7'-0" UNO | THICKNESS - 1 3/4" UNO | DOOR TYPE | FRAME TYPE | FIRE RATING - WALL/DOOR | DOOR NUMBER | |
| EXTERIOR | EX01 | PR 3'-0" | . . . | . . . | 01 | 08 | | EX01 | |
| | EX02 | PR 3'-0" | . . . | . . . | 01 | 09 | | EX02 | |
| | EX03 | . . . | . . . | . . . | 03 | 10 | | EX03 | |
| | EX04 | . . . | . . . | . . . | 03 | 10 | | EX04 | |
| | EX05 | . . . | . . . | . . . | 03 | 10 | | EX05 | |
| INTERIOR | 101 | . . . | . . . | . . . | 05 | 10 | | 101 | |
| | 102 | . . . | . . . | . . . | 05 | 10 | | 102 | |
| | 103 | . . . | . . . | . . . | 05 | 10 | | 103 | |
| | 104 | . . . | . . . | . . . | 05 | 10 | | 104 | |
| | 105 | . . . | . . . | . . . | 05 | 10 | | 105 | |
| | 106 | . . . | . . . | . . . | 05 | 10 | | 106 | |
| | 107 | . . . | . . . | . . . | 05 | 10 | | 107 | |
| | 108 | . . . | . . . | . . . | 05 | 10 | | 108 | |
| | 109 | . . . | . . . | . . . | 05 | 10 | | 109 | |
| | 110 | . . . | . . . | . . . | 05 | 10 | | 110 | |
| | 111 | . . . | . . . | . . . | 05 | 10 | | 111 | |
| | 112 | . . . | . . . | . . . | 05 | 10 | | 112 | |
| | 113 | . . . | . . . | . . . | 05 | 10 | | 113 | |
| | 114 | . . . | . . . | . . . | 05 | 10 | | 114 | |
| | 115 | . . . | . . . | . . . | 05 | 10 | | 115 | |
| 116 | . . . | . . . | . . . | 05 | 10 | | 116 | | |
| 117 | . . . | . . . | . . . | 05 | 10 | | 117 | | |
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| 120 | . . . | . . . | . . . | 05 | 10 | | 120 | | |
| 121 | . . . | . . . | . . . | 05 | 10 | | 121 | | |
| 122 | . . . | . . . | . . . | 05 | 10 | | 122 | | |
| 123 | . . . | . . . | . . . | 05 | 10 | | 123 | | |
| 124 | . . . | . . . | . . . | 05 | 10 | | 124 | | |
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| 126 | . . . | . . . | . . . | 05 | 10 | | 126 | | |
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| 129 | . . . | . . . | . . . | 05 | 10 | | 129 | | |
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| 131 | . . . | . . . | . . . | 05 | 10 | | 131 | | |
| 132 | . . . | . . . | . . . | 05 | 10 | | 132 | | |
| 133 | . . . | . . . | . . . | 05 | 10 | | 133 | | |
| 134 | . . . | . . . | . . . | 05 | 10 | | 134 | | |
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| 137 | . . . | . . . | . . . | 05 | 10 | | 137 | | |
| 138 | . . . | . . . | . . . | 05 | 10 | | 138 | | |
| 139 | . . . | . . . | . . . | 05 | 10 | | 139 | | |
| 140 | . . . | . . . | . . . | 05 | 10 | | 140 | | |
| 141 | . . . | . . . | . . . | 05 | 10 | | 141 | | |
| 142 | . . . | . . . | . . . | 05 | 10 | | 142 | | |
| 143 | . . . | . . . | . . . | 05 | 10 | | 143 | | |
| 144 | . . . | . . . | . . . | 05 | 10 | | 144 | | |
| 145 | . . . | . . . | . . . | 05 | 10 | | 145 | | |
| 146 | . . . | . . . | . . . | 05 | 10 | | 146 | | |
| 147 | . . . | . . . | . . . | 05 | 10 | | 147 | | |
| 148 | . . . | . . . | . . . | 05 | 10 | | 148 | | |
| 149 | . . . | . . . | . . . | 05 | 10 | | 149 | | |
| 150 | . . . | . . . | . . . | 05 | 10 | | 150 | | |
| 151 | . . . | . . . | . . . | 05 | 10 | | 151 | | |
| 152 | . . . | . . . | . . . | 05 | 10 | | 152 | | |
| 153 | . . . | . . . | . . . | 05 | 10 | | 153 | | |
| 154 | . . . | . . . | . . . | 05 | 10 | | 154 | | |

01 ALL HARDWARE AND HARDWARE INSTALLATION SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL JURISDICTION REGULATIONS AND AMERICAN'S WITH DISABILITIES ACT
 02 PROVIDE RATED DOORS, FRAMES AND HARDWARE FOR ALL DOOR OPENINGS WITHIN RATED WALLS AS NOTED IN DRAWINGS OR ON DOOR SCHEDULE.
 03 COORDINATE ALL ELECTRIC HARDWARE INSTALLATION WITH SECURITY AND FIRE ALARM CONSULTANTS.

| | |
|---|-------------|
| <p>ISSUED FOR</p> | <p>DATE</p> |
| <p>NO.</p> | <p>NO.</p> |
| <p>JEFFERSON COUNTY PUBLIC HEALTH AND ADULT PROBATION DEPARTMENTS OFFICE BUILDING Port Arthur, Texas</p> | |
| <p>ISSUED FOR CONSTRUCTION</p> | |
|  | |
| <p>Chica & Associates, Inc. Texas Registered Engineering Firm 505 Orleans, Suite 106 Beaumont, Texas 77701 Ph.: (409) 833-4343</p> | |
|  | |
| <p>DATE: March 10, 2014 SCALE: DRAWN BY: ET AL CHECKED BY: WAE APPROVED BY: RB/SF</p> | |

A10.01

Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet is actual 22x34 (ANSI D) so as to be printed at 11x17 (ANSI B)



Wall Types - Architectural

| | |
|------------|--|
| DATE | |
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DEPARTMENTS OFFICE BUILDING
Port Arthur, Texas

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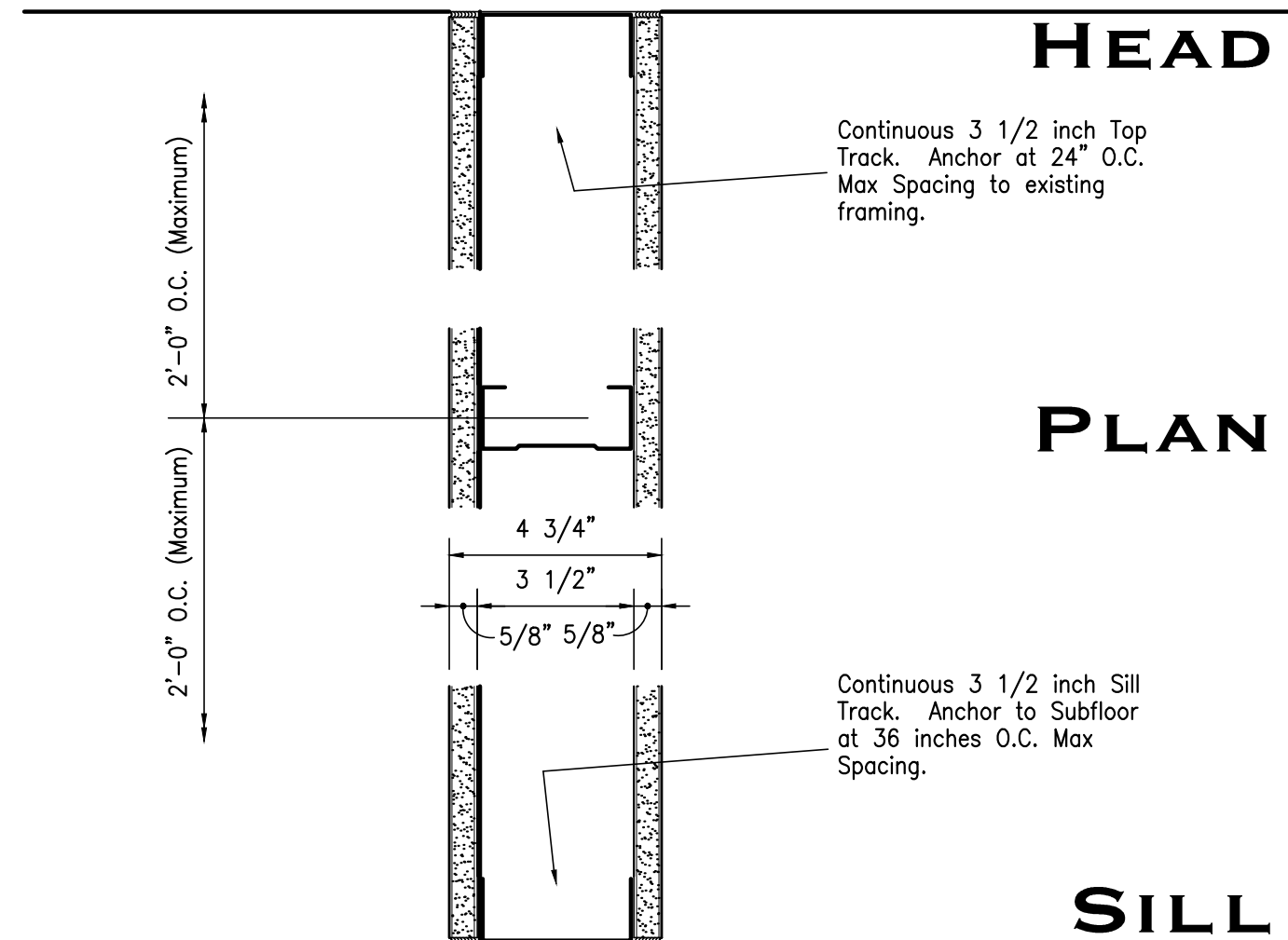
Expires 04-30-2015

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Texas Registered Engineering Firm F-11892
505 Orleans, Suite 106 Beaumont, Texas 77701
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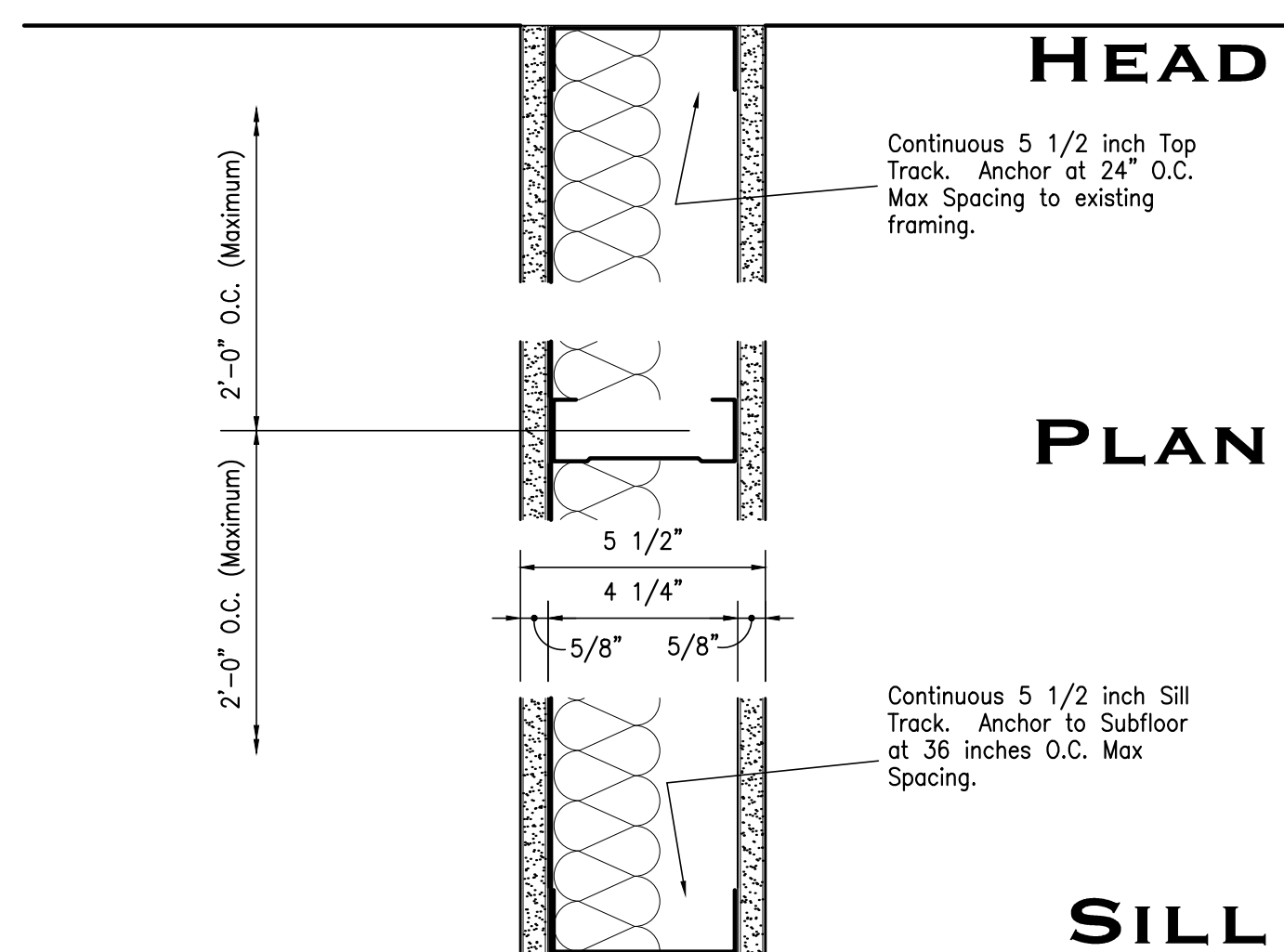
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|--------------|----------------|
| DATE: | March 10, 2014 |
| SCALE: | As Noted |
| DRAWN BY: | ET AL |
| CHECKED BY: | WAE |
| APPROVED BY: | RB/SF |

A10.05

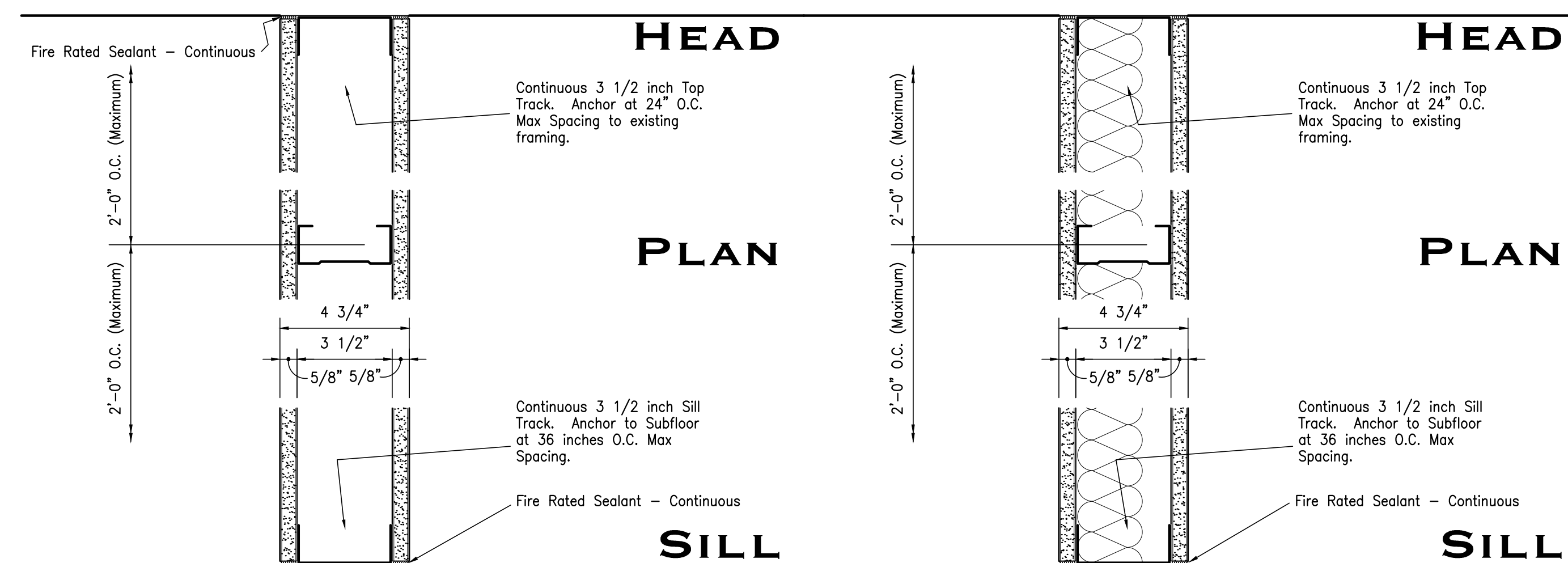
Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet is actual 22x34 (ANSI D) so as to be printed at 11x17 (ANSI B)



WALL TYPE XO1
Scale: 3" = 1'-0"

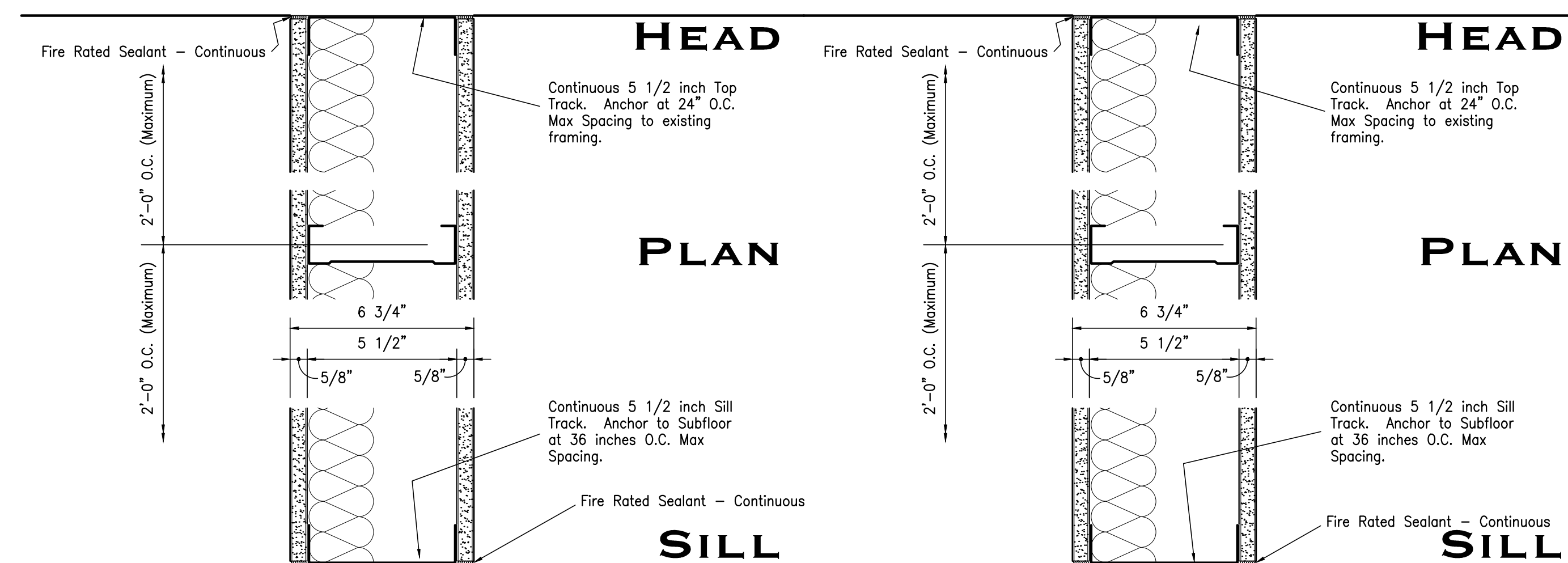


WALL TYPE XO2
Scale: 3" = 1'-0"



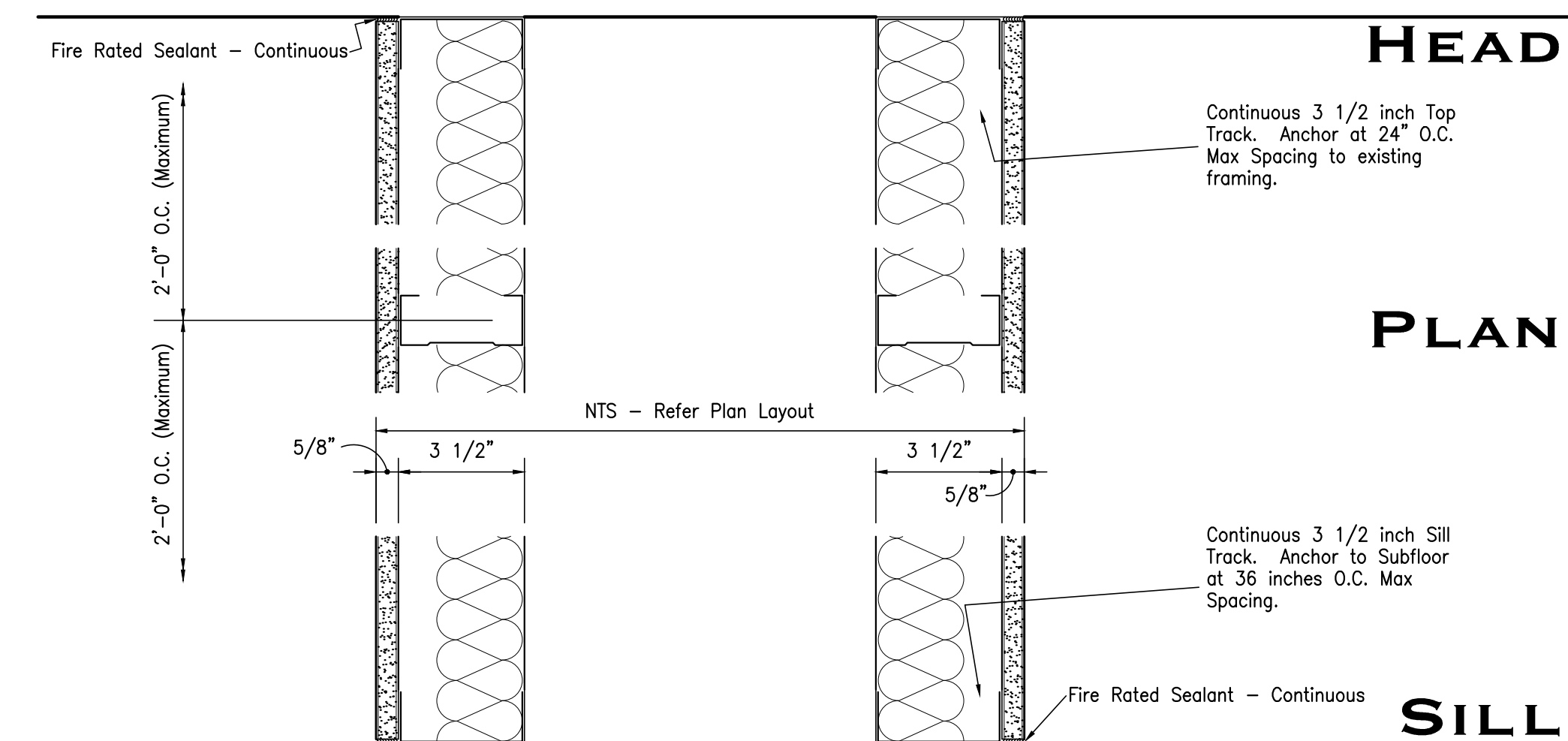
1 HR WALL TYPE S1
Scale: 3" = 1'-0"

1 HR WALL TYPE R1
Scale: 3" = 1'-0"



1 HR WALL TYPE V1
Scale: 3" = 1'-0"

WALL TYPE VO1
Scale: 3" = 1'-0"



1 HR WALL TYPE U1
Scale: 3" = 1'-0"

Wall Types - Architectural

| | | | | | |
|------|--|------------|--|-----|--|
| DATE | | ISSUED FOR | | NO. | |
| | | | | | |

JEFFERSON COUNTY
PUBLIC HEALTH AND ADULT PROBATION
DEPARTMENTS OFFICE BUILDING
Port Arthur, Texas

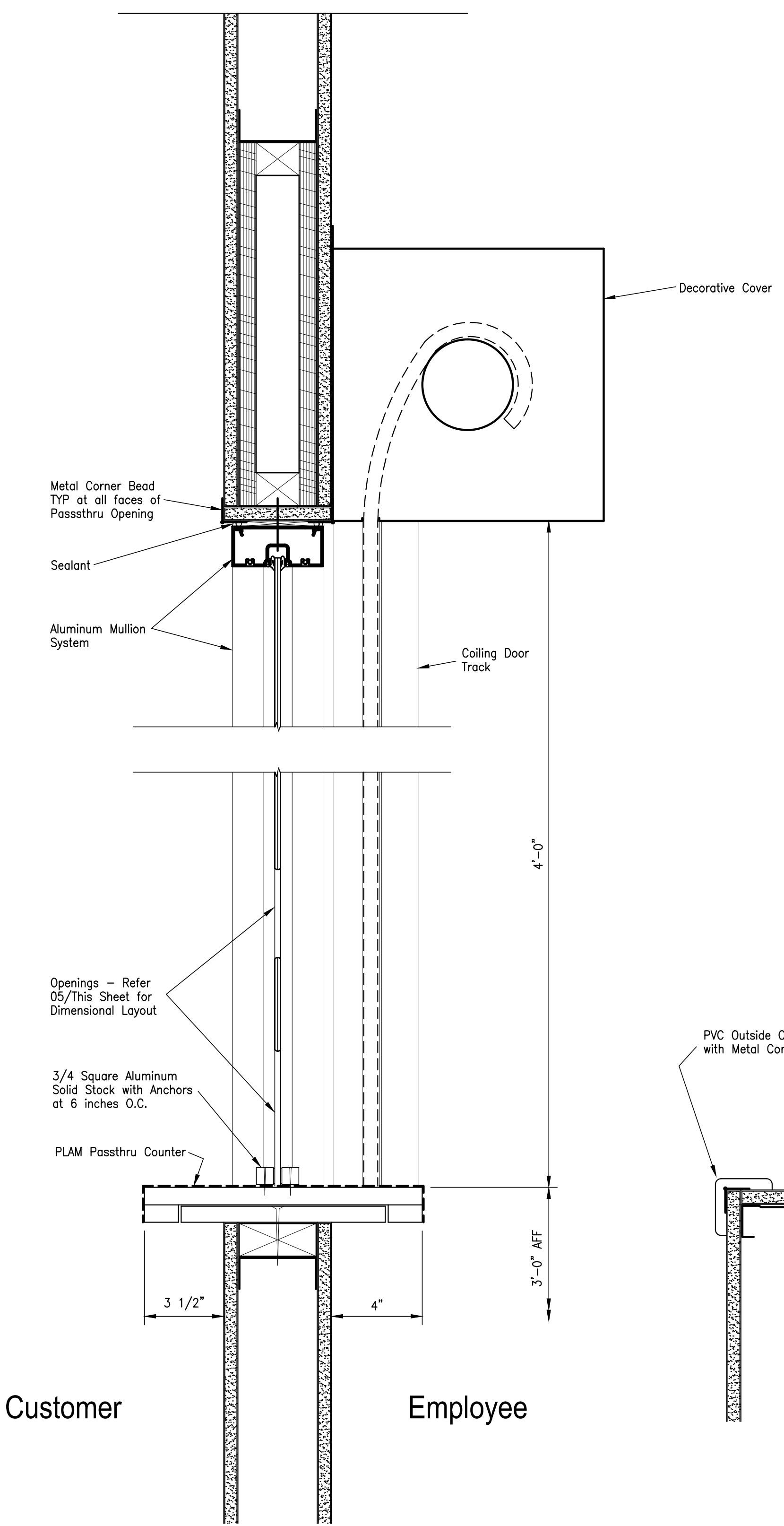
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Texas Registered Engineering Firm F-1182
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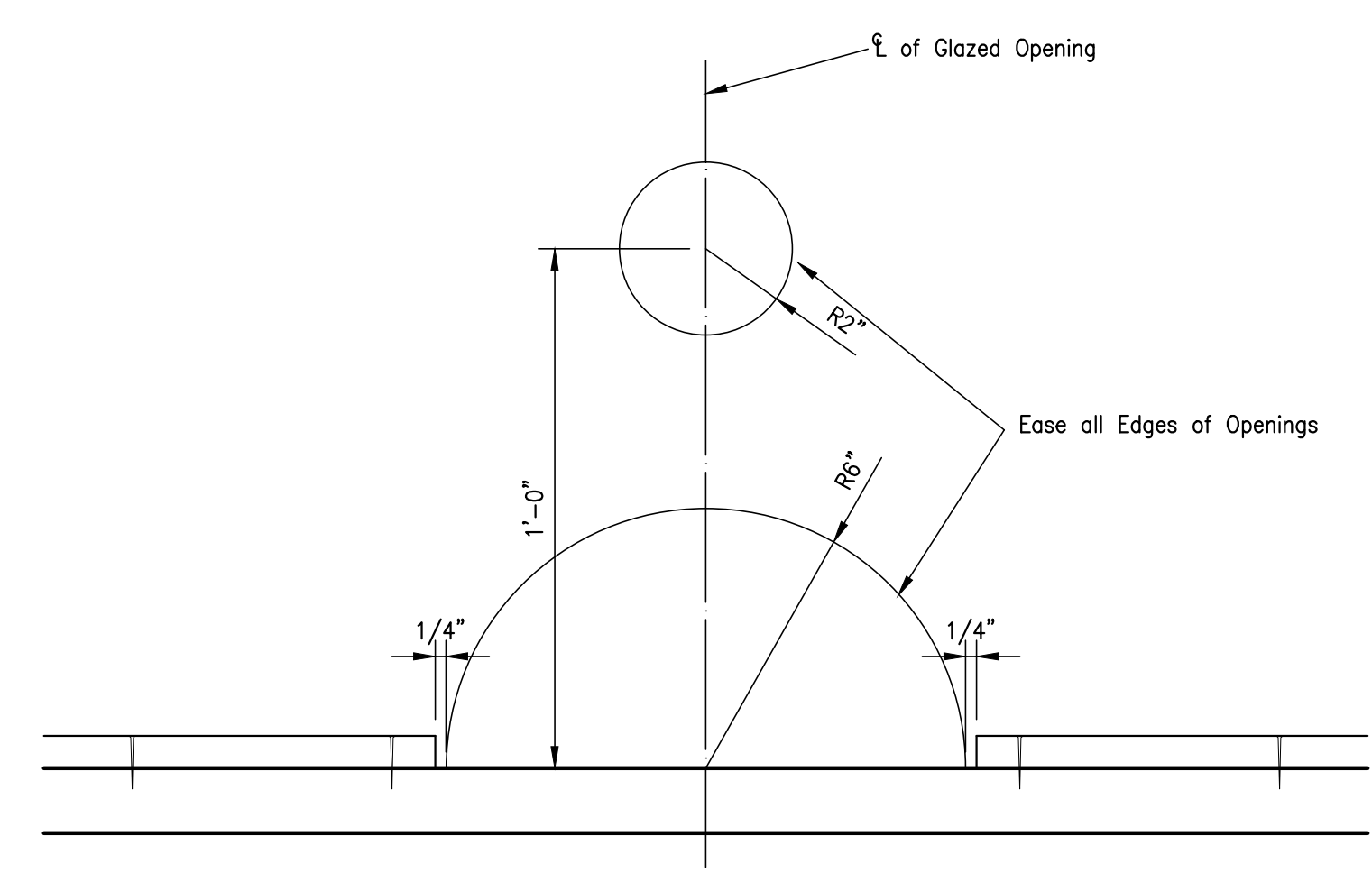
| | |
|--------------|----------------|
| DATE: | March 10, 2014 |
| SCALE: | As Noted |
| DRAWN BY: | ET AL |
| CHECKED BY: | WAE |
| APPROVED BY: | RB/SF |

A10.06

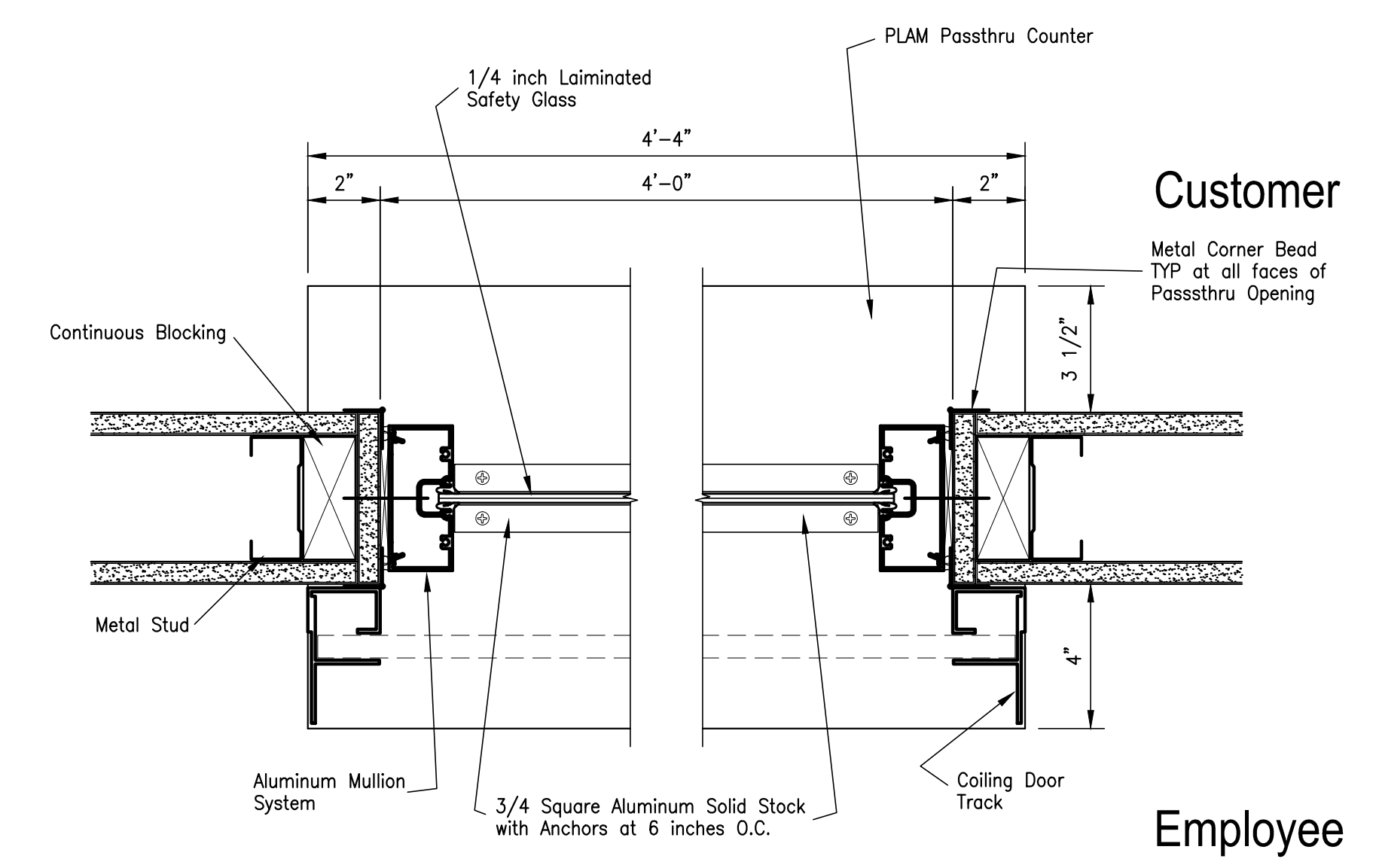
Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size as the sheet is actually 22x34 (ANSI D) so as to be printed at 11x17 (ANSI B)



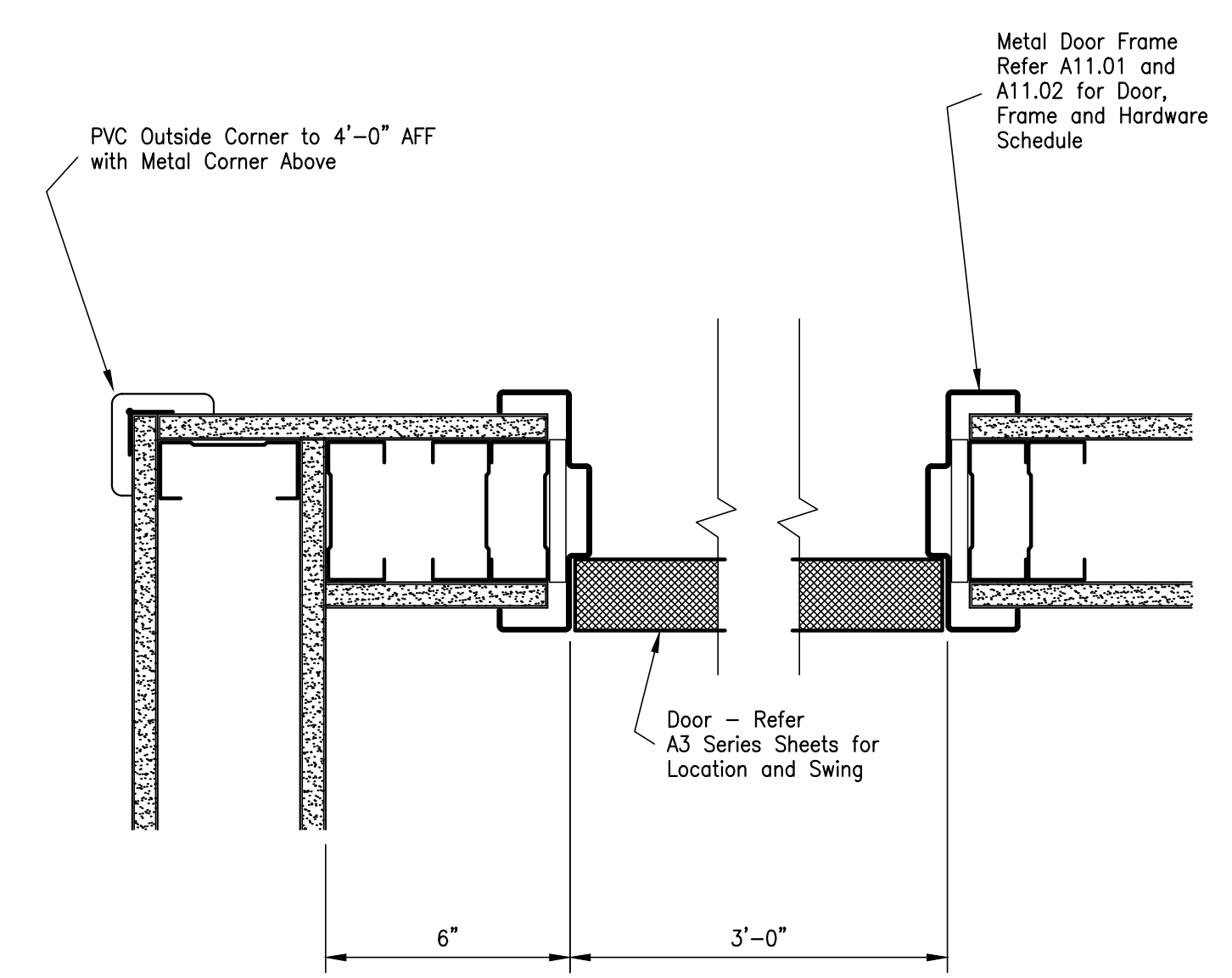
03 - Section at Passthru



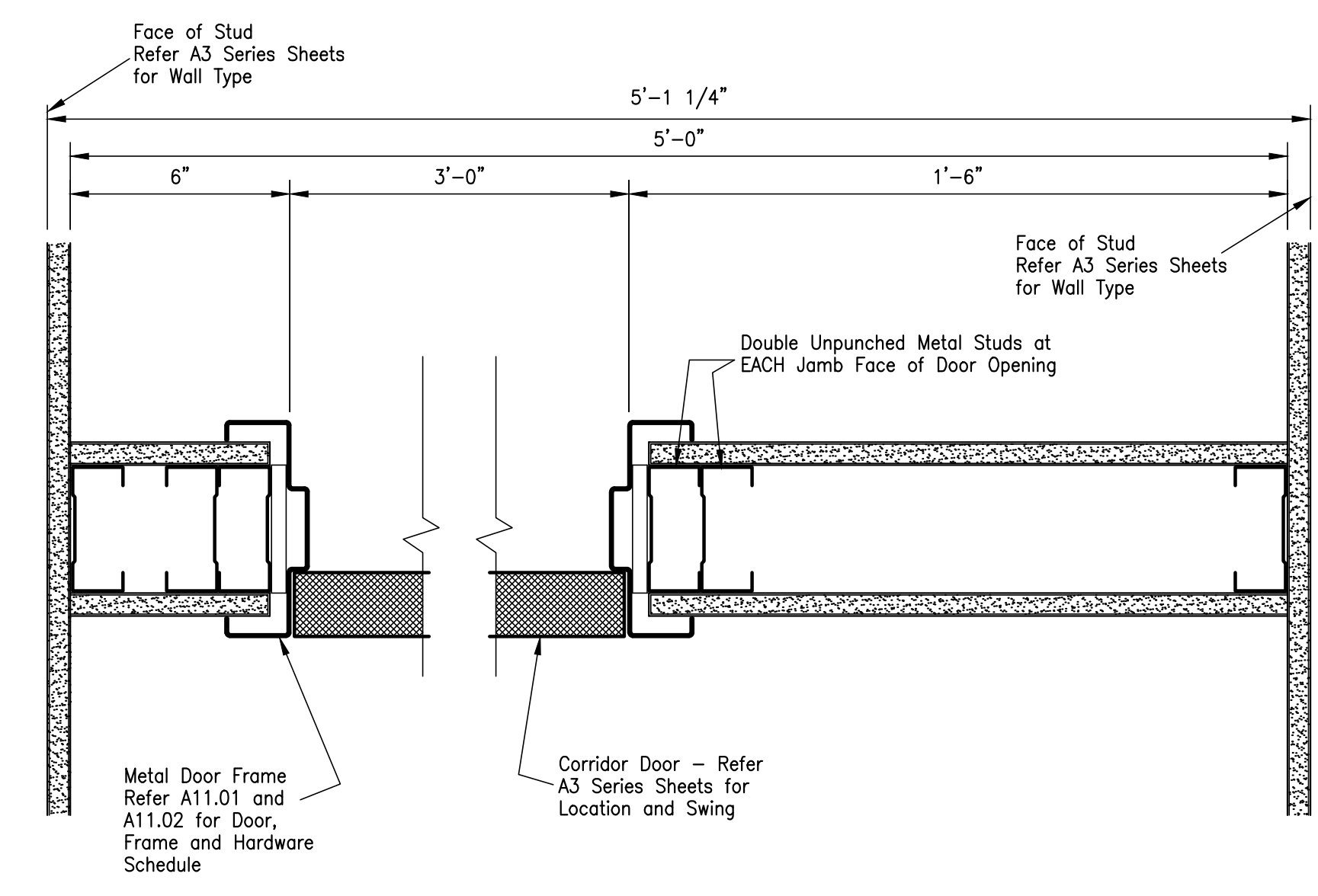
05 - Elevation of Passthru Openings



04 - Plan at Passthru

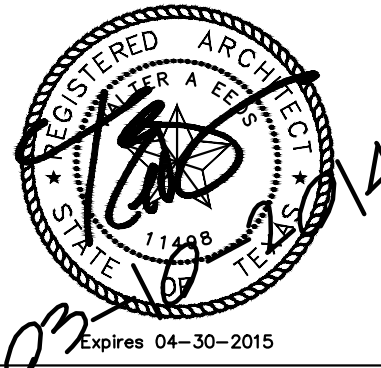



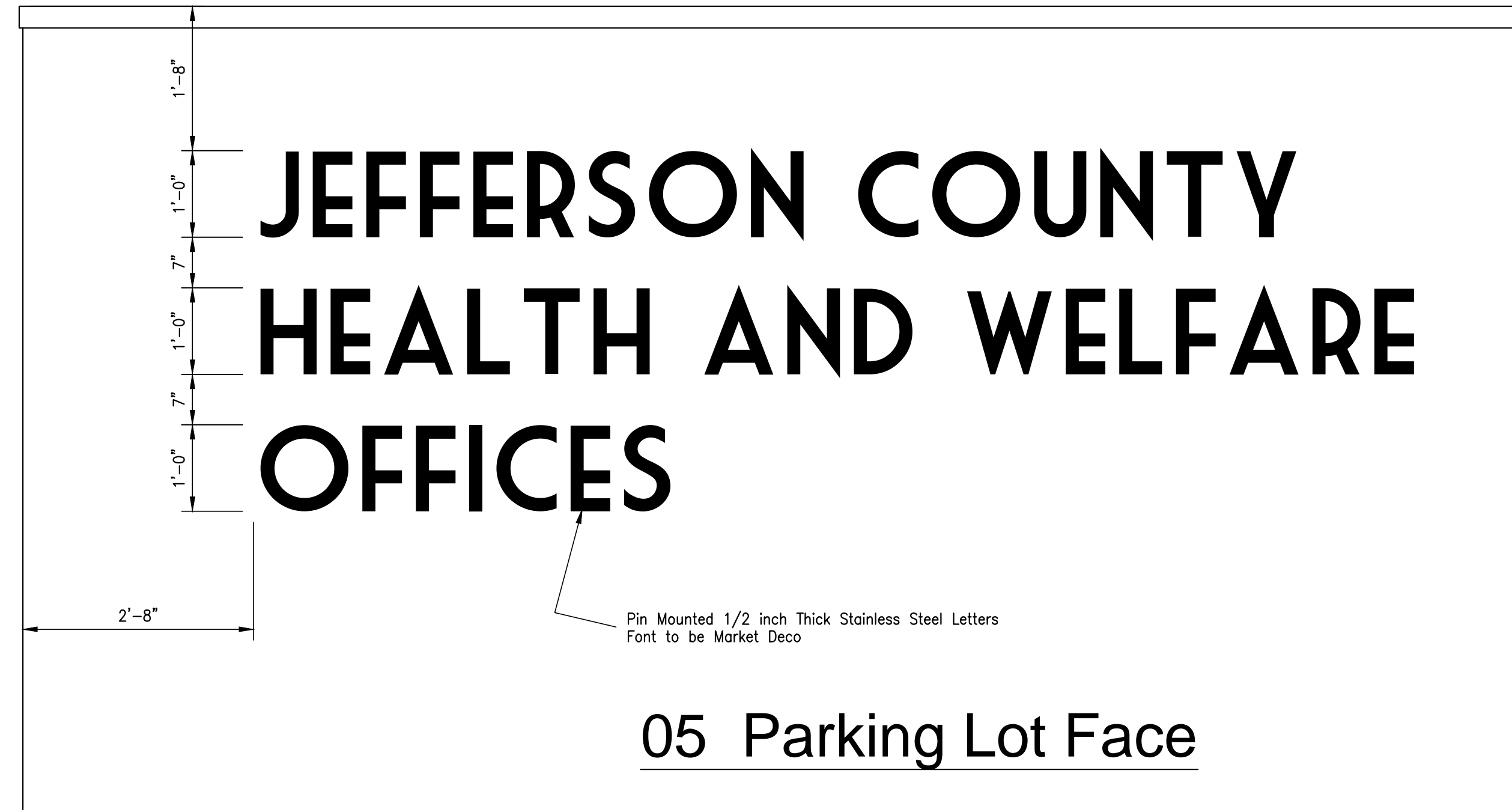
02 - Typical Office Door Layout



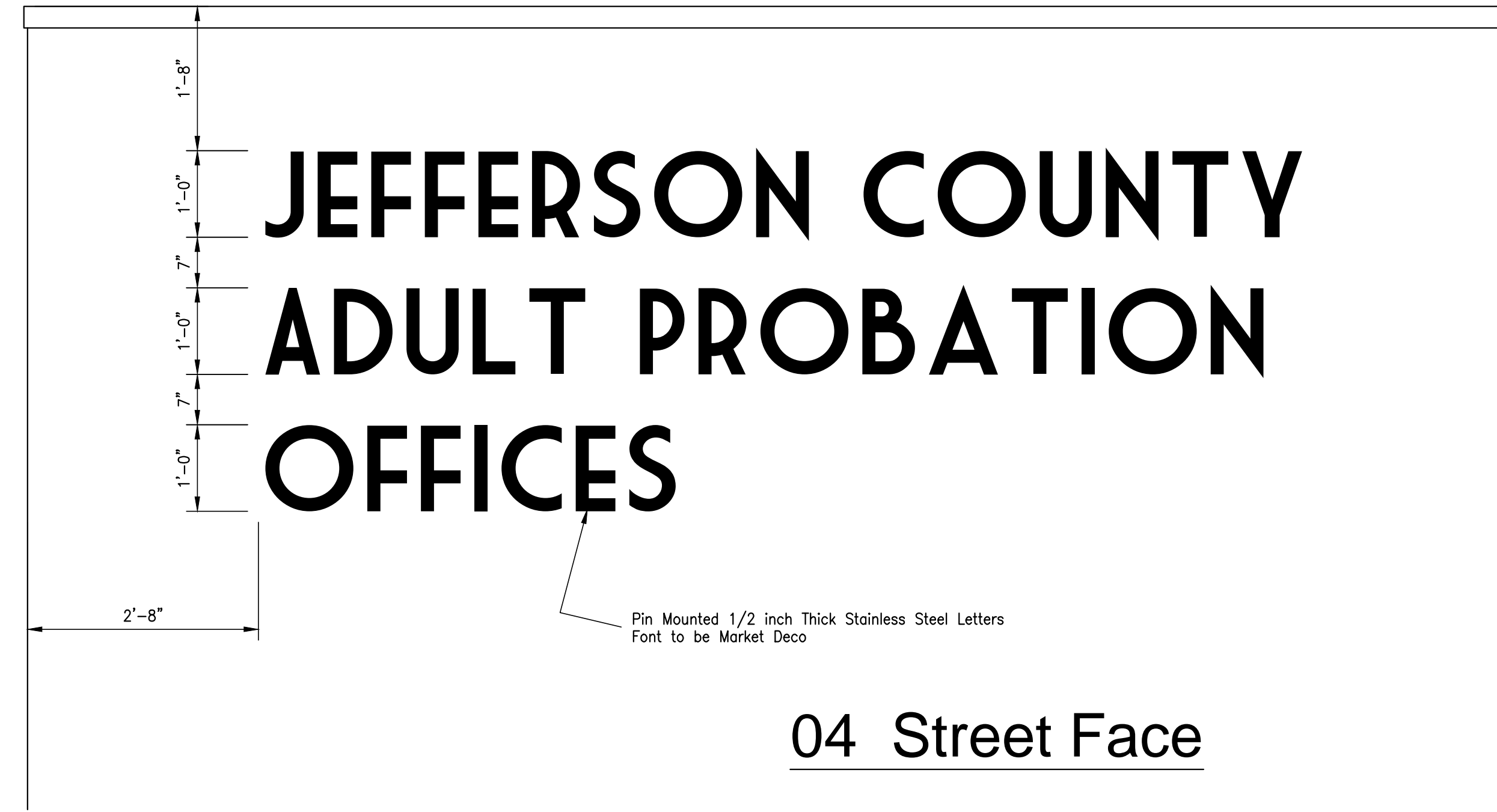
01 - Typical Corridor Door Layout

Interior Details - Architecture

| | |
|---|----------------|
| DATE | |
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| NO. | |
| JEFFERSON COUNTY PUBLIC HEALTH AND ADULT PROBATION DEPARTMENTS OFFICE BUILDING Port Arthur, Texas | |
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| Chica & Associates, Inc. Texas Registered Engineering Firm F-11862 505 Orleans, Suite 106 Beaumont, Texas 77701 Ph.: (409) 833-4343 Fax: (409) 833-6326 | |
|  | |
| DATE: | March 10, 2014 |
| SCALE: | 3" = 1'-0" |
| DRAWN BY: | ET AL |
| CHECKED BY: | WAE |
| APPROVED BY: | RB/SF |
| A11.01 | |

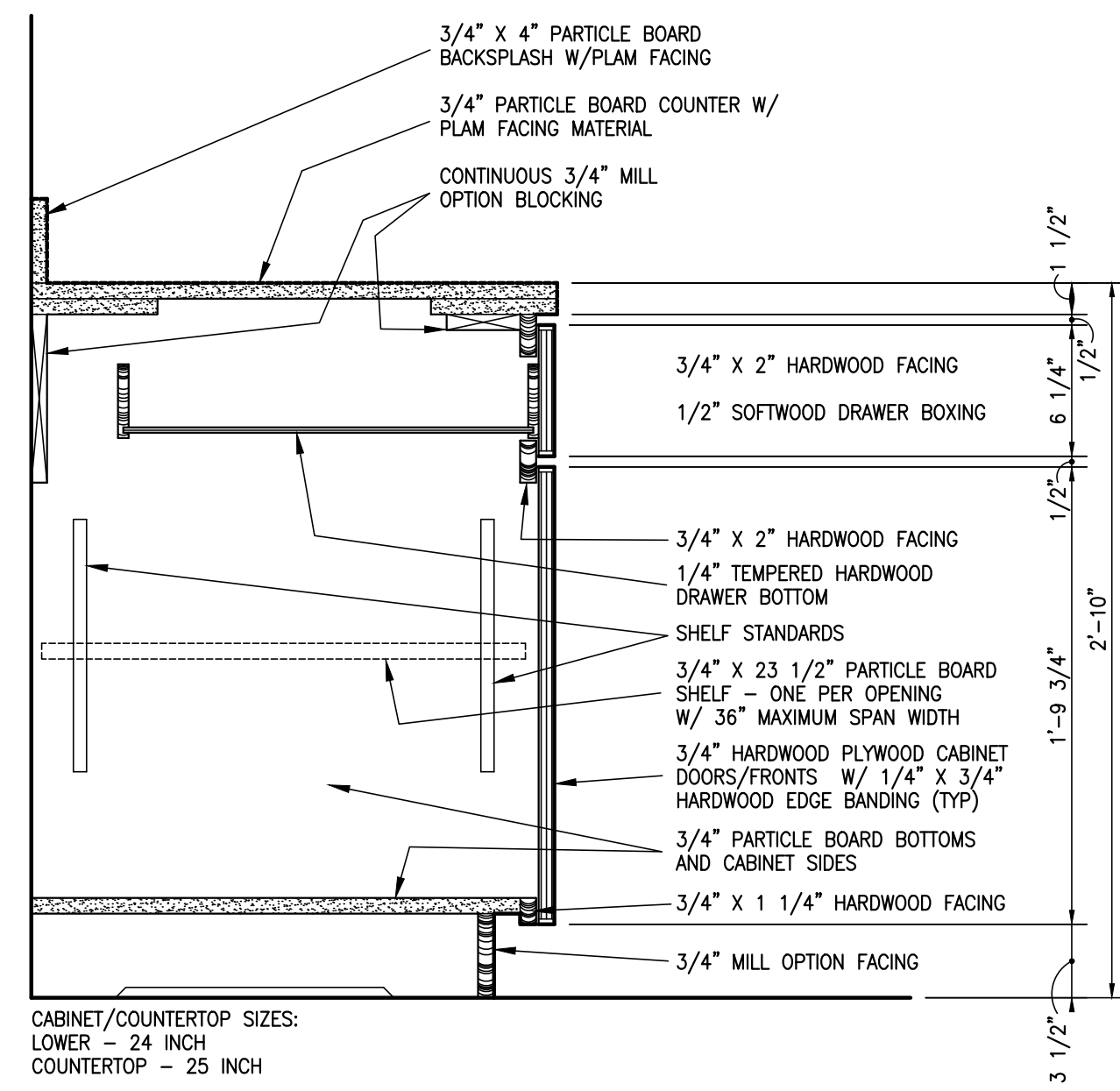


05 Parking Lot Face



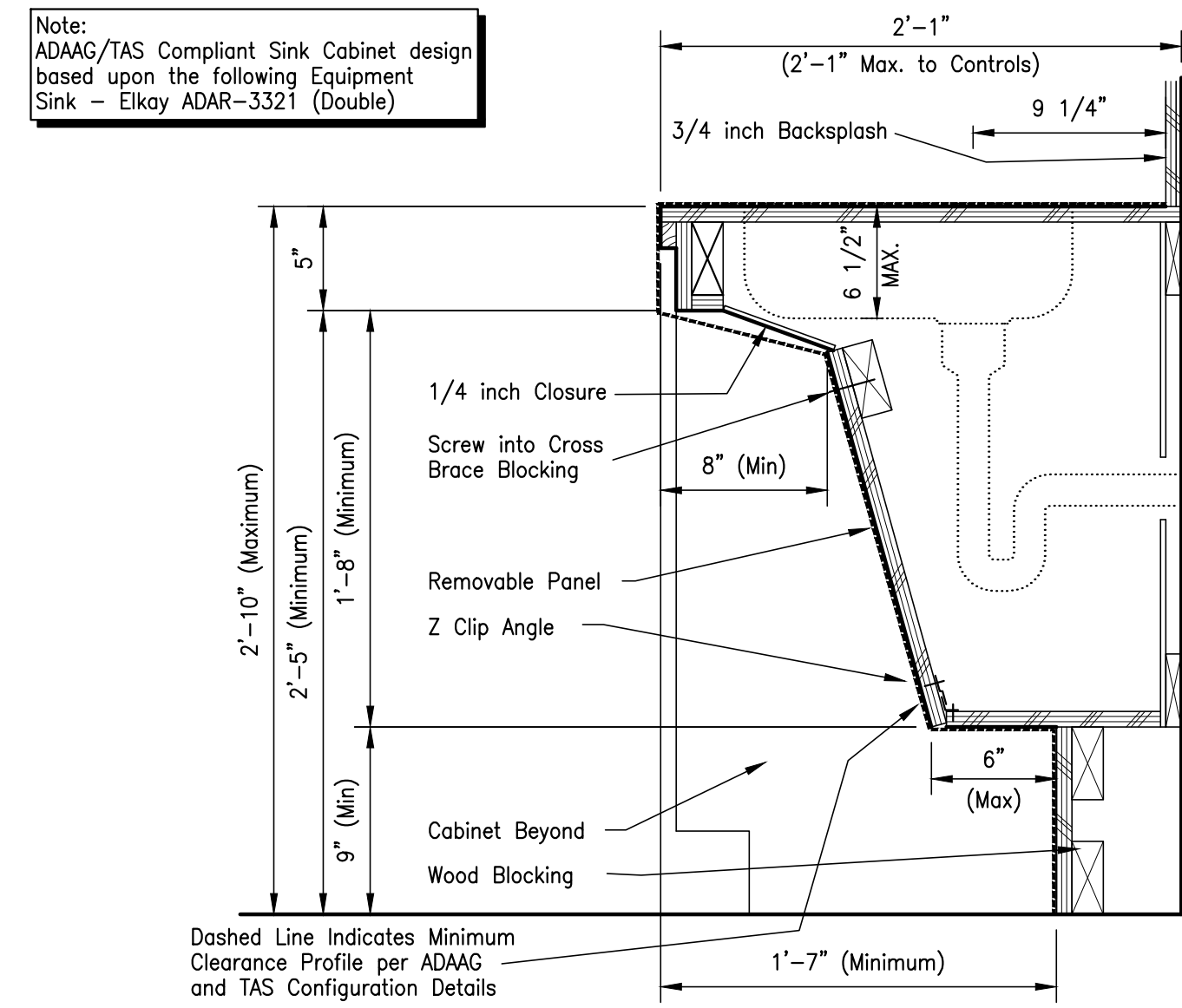
04 Street Face

Exterior Signage Details - Architecture



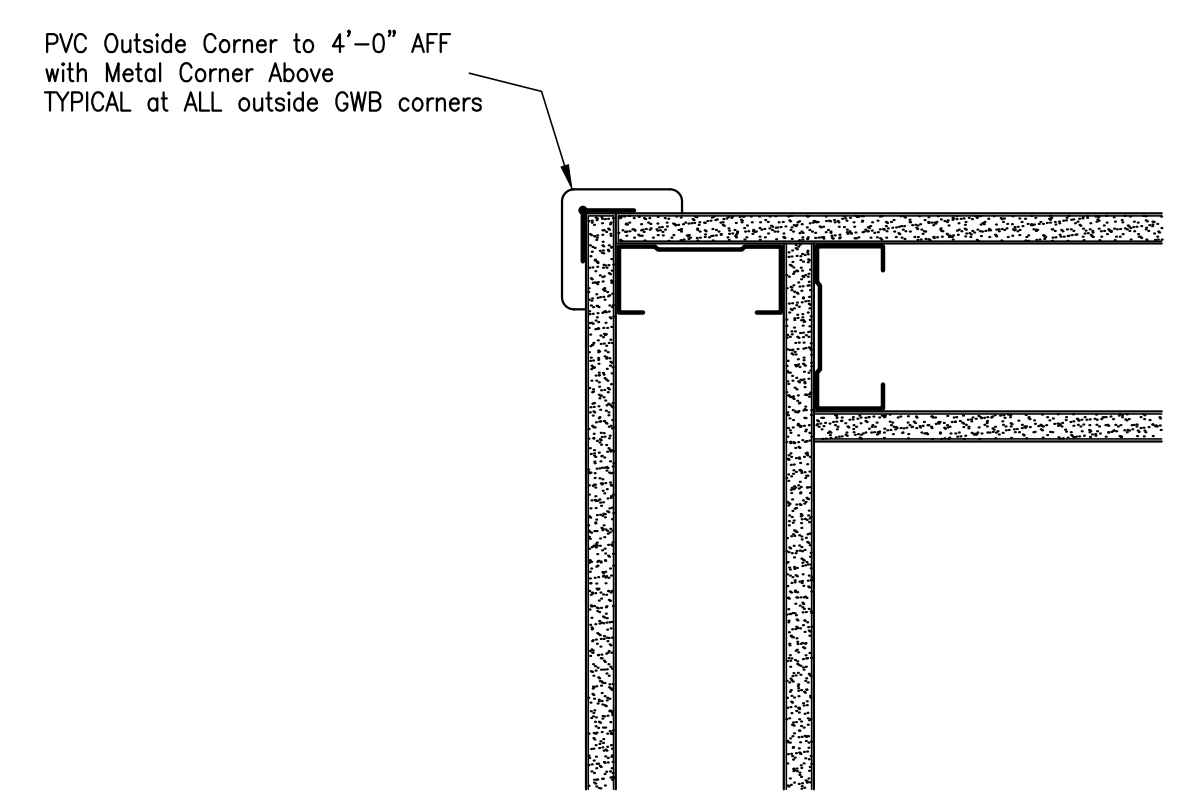
CABINET/COUNTERTOP SIZES:
LOWER - 24 INCH
COUNTERTOP - 25 INCH

03 MILLWORK SECTION DETAIL
File Name: CAB1.dwg Scale: 1 1/2" = 1'-0"



Note:
ADAAG/TAS Compliant Sink Cabinet design based upon the following Equipment Sink - Elkay ADAR-3321 (Double)

02 - Accessible Sink Detail
Scale: 1 1/2" = 1'-0"



01 - Typical Outside Corner Detail
Scale: 3/4" = 1'-0"

Interior Details - Architecture

| NO. | ISSUED FOR | DATE |
|-----|------------|------|
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JEFFERSON COUNTY
PUBLIC HEALTH AND ADULT PROBATION
DEPARTMENTS OFFICE BUILDING
Port Arthur, Texas

ISSUED FOR CONSTRUCTION

Chica & Associates, Inc.
Texas Registered Engineering Firm F-1062
505 Orleans, Suite 106 Beaumont, Texas 77701
Ph.: (409) 833-4343 Fax: (409) 833-8326

DATE: March 10, 2014
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CHECKED BY: WAE
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A11.02

Do not scale plots to fit. 24x36 (ARCH D) sheets. Plot all drawings full size on the sheet in accordance with ANSI D, so as to be printed at 11x17 (ANSI B)

GENERAL NOTES:

DESIGN LOADS:

ROOF:

Table with 2 columns: Description and Value. Includes LIVE LOAD (UNLESS NOTED) 20.00 PSF, BASIC WIND SPEED (3 SECOND GUST) (V) 160.00 MPH, WIND EXPOSURE (C), BUILDING OCCUPANCY CATEGORY III, WIND INTERNAL PRESSURE COEFFICIENT +/- 0.18, ROOF UPLIFT PRESSURE 42.00 PSF, COMPONENT AND CLADDING 50.00 PSF.

BUILDING CODE: 2012 I.B.C.

FOUNDATION:

- 1. THE FOUNDATION HAS BEEN DESIGNED IN ACCORDANCE WITH THE SOILS ANALYSIS REPORT PREPARED BY TOLUNAY-WONG ENGINEERS, INC., DATED JULY 31, 2013 (NO. 13.23.174). THE CONTRACTOR SHOULD BE FULLY KNOWLEDGEABLE OF THE CONTENTS OF THE SOILS REPORT.
2. THE CONTRACTOR IS TO REPORT IMMEDIATELY TO THE ENGINEER'S OFFICE ANY CONDITION DISCOVERED THAT IS DRASTICALLY DIFFERENT THAN THAT DESCRIBED BY THE SOILS REPORT IF SUCH FINDINGS WILL IN ANY WAY ALTER THE STRUCTURAL DESIGN OF THE FOUNDATION.
... 17. REFER TO THE SOILS REPORT, SECTION 7, FOR OTHER FOUNDATION OR SITE IMPROVEMENT SPECIFICATIONS. OR CONTACT TWE, INC.

CONCRETE:

- 1. CONCRETE WORK SHALL BE EXECUTED IN STRICT ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN CONCRETE INSTITUTE BUILDING CODE (ACI-318-11).
2. CONCRETE AND REINFORCING SPECIFICATIONS AS FOLLOWS:
Table with 4 columns: Typical Piers, 28 DAY STRENGTH, SACK CONTENT, SLUMP. Values include 3,000 PSI, 5/C.Y., H.R., 4" TO 6".
3. PORTLAND CEMENT SHALL CONFORM TO ASTM C-33.
... 16. ALL EXTERIOR CONCRETE WALKS AND DRIVES SHALL BE CONSTRUCTED USING AIR-ENTRAINED CONCRETE. SUFFICIENT AIR-ENTRAINING AGENT SHALL BE USED TO REDUCE THE WEIGHT OF THE CONCRETE BY 6% TO 8%.

17. PIERS:

- (A) ALL PIERS SHALL BE STRAIGHT DRILLED, REINFORCED CONCRETE SHAFTS WITH UNDER-REAMS SITUATED IN THE NATURAL CLAY SOILS AT A DEPTH OF TEN (10) FEET BELOW EXISTING GRADE.
(B) NOT USED
(C) COMPLETE INSTALLATION OF THE INDIVIDUAL SHAFTS SHOULD BE ACCOMPLISHED WITHIN EIGHT (8) HOURS AFTER DRILLING.
... 18. SEE ARCHITECTURAL AND MECHANICAL PLANS FOR VERIFICATION OF ALL DEPRESSIONS, OPENINGS, CAST-IN-PLACE ACCESSORIES, ETC.

Table with 2 columns: DATE, ISSUED FOR. Multiple empty rows.

JEFFERSON COUNTY
PUBLIC HEALTH AND ADULT PROBATION
DEPARTMENTS OFFICE BUILDING
Port Arthur, Texas

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Chica & Associates, Inc.
Texas Registered Engineering Firm
505 Orlans, Suite 106
Ph: (409) 833-4343



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JOE P. HILL, P.E. 34297 ON MARCH 10, 2014.

Logo for Jph (Joe P. Hill, P.E.) Consulting Structural Engineering, 1801 N. Hampton Rd, Suite 440, Dallas, Texas 75115, (972) 283-5111.

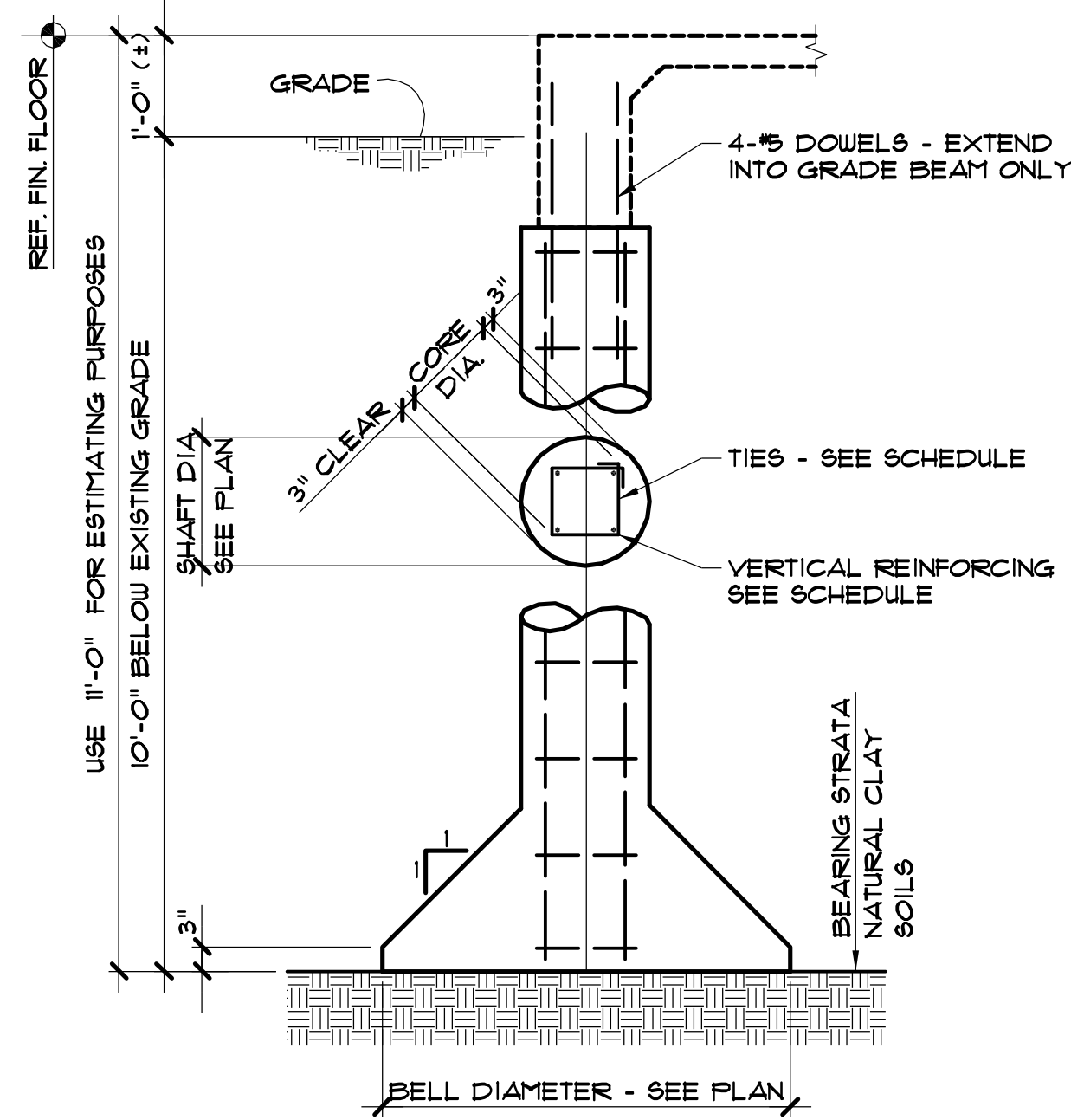
Jph, P.E. Job No. 13504

JOE P. HILL P.E.
TEXAS FIRM REG. No. F-2335

DATE: March 10, 2014
SCALE:
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CHECKED BY: WAE
APPROVED BY: RB/SF

SO.1

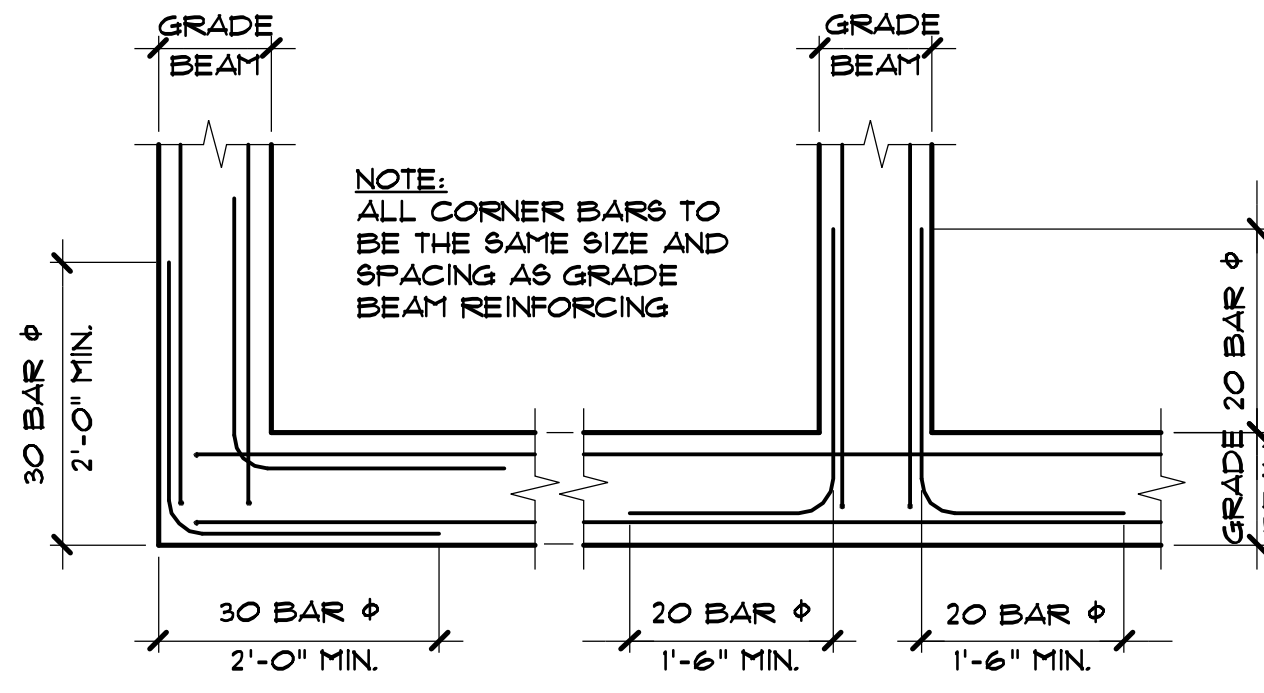
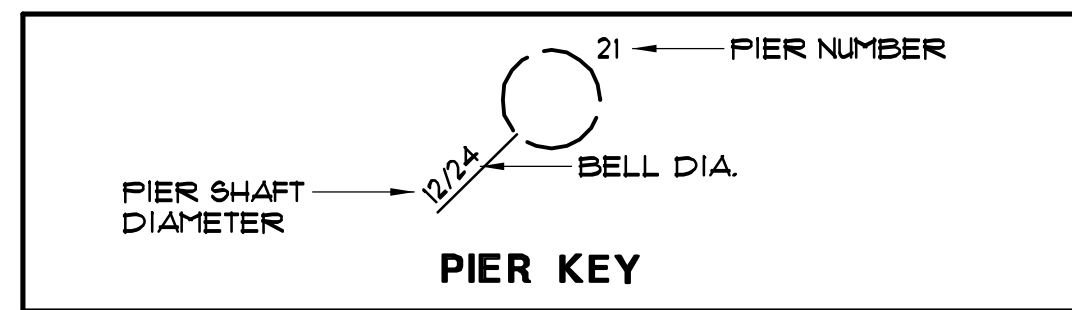
\\FS1New X drive\E2013\13-504 Port Arthur Health Clinic - TX\PD\SO.1.dwg, 2/28/2014 2:52:16 PM, Plotted By JVS



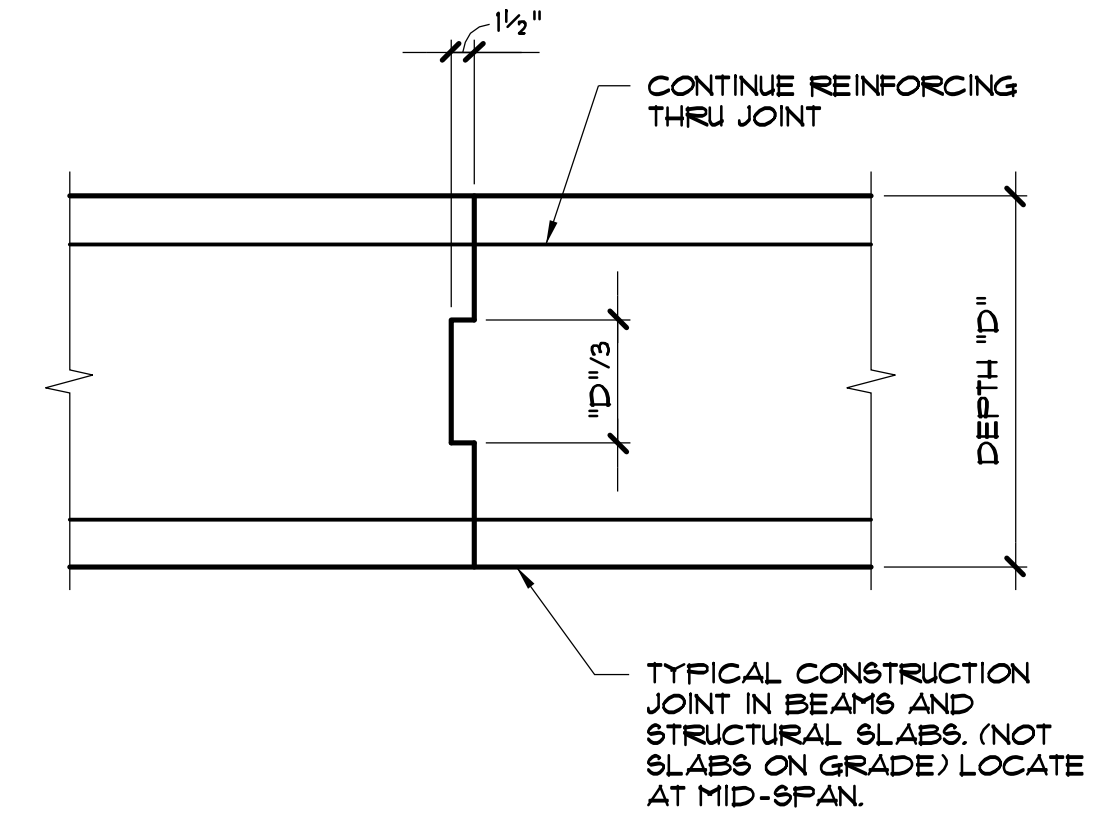
1 TYPICAL BELL PIER DETAIL
N. T. S. ALLOWABLE BEARING CAPACITY : 3000 P#F

| TYPICAL PIER REINFORCING | | | | |
|--------------------------|----------------|---------------|-----------------------|-------------------------|
| PIER MARK | SHAFT DIAMETER | CORE DIAMETER | VERTICAL BARS (RE: 1) | SQUARE TIES AND SPACING |
| A | 14" | 8" | 4-#6's | (*) AT 12" O.C. |
| B | 18" | 12" | 8-#6's | #3'S AT 12" O.C. |
| C | 24" | 18" | 8-#7's | #3'S AT 24" O.C. |

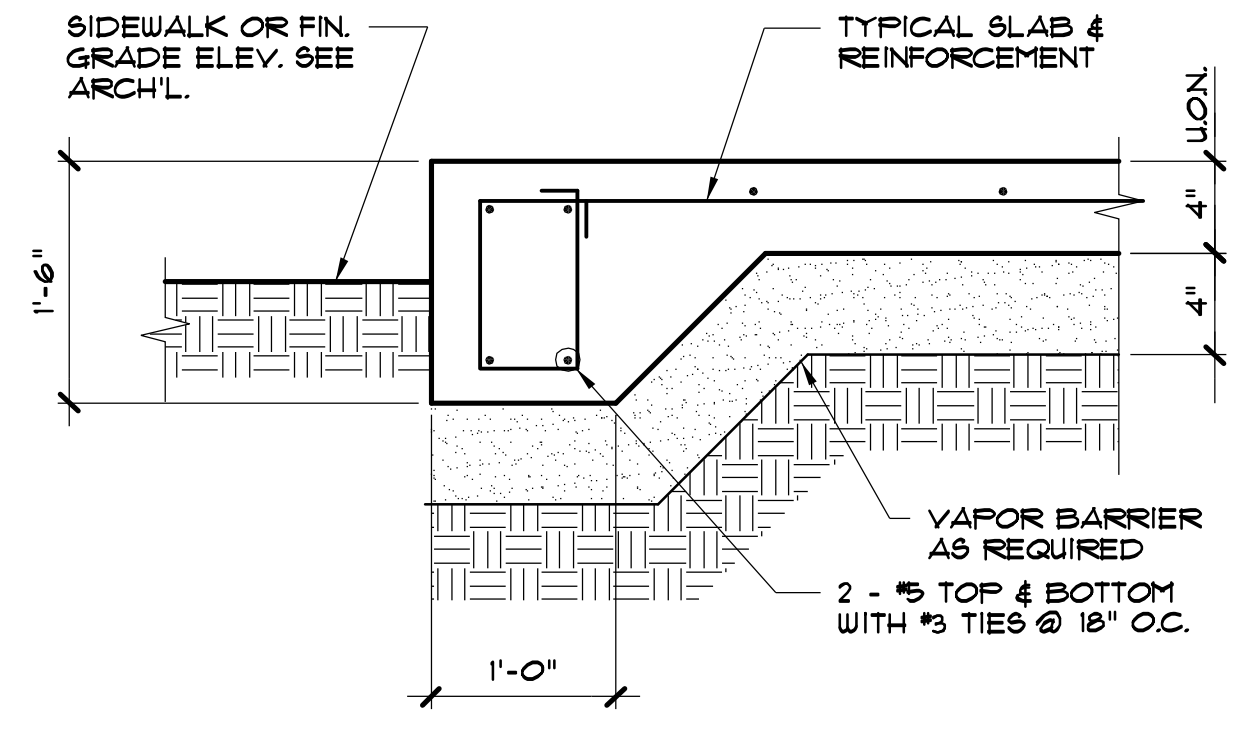
(*) INDICATES 1/4" ϕ ROUND STOCK



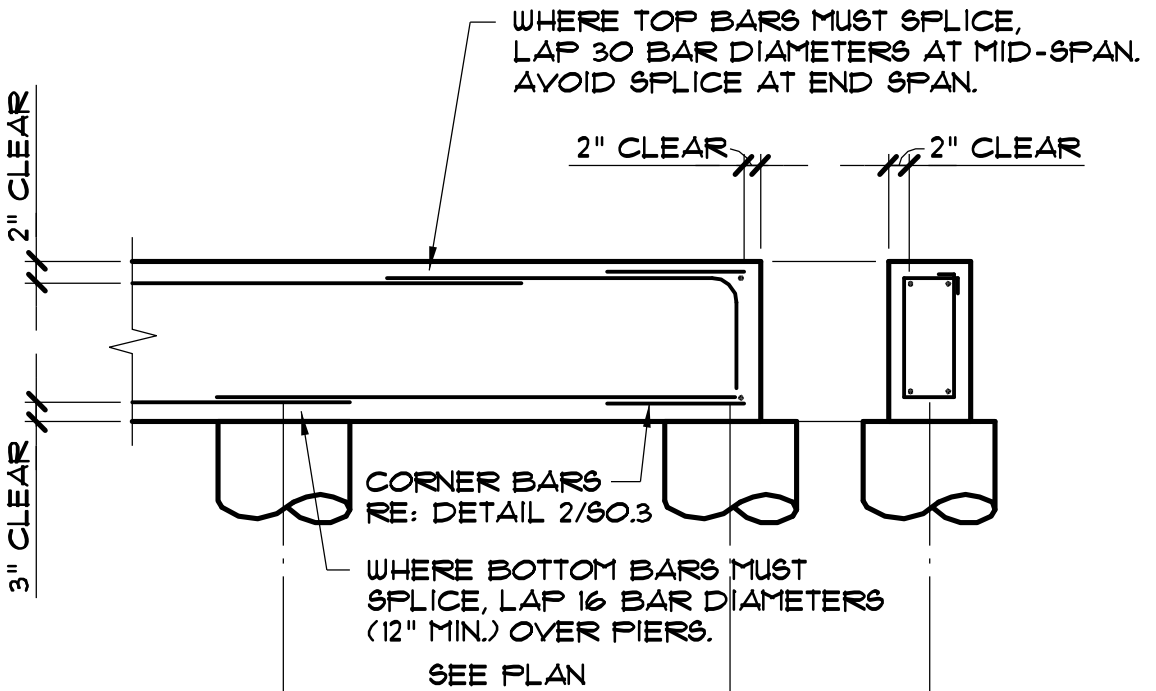
2 TYPICAL CORNER BAR DETAIL
N. T. S.



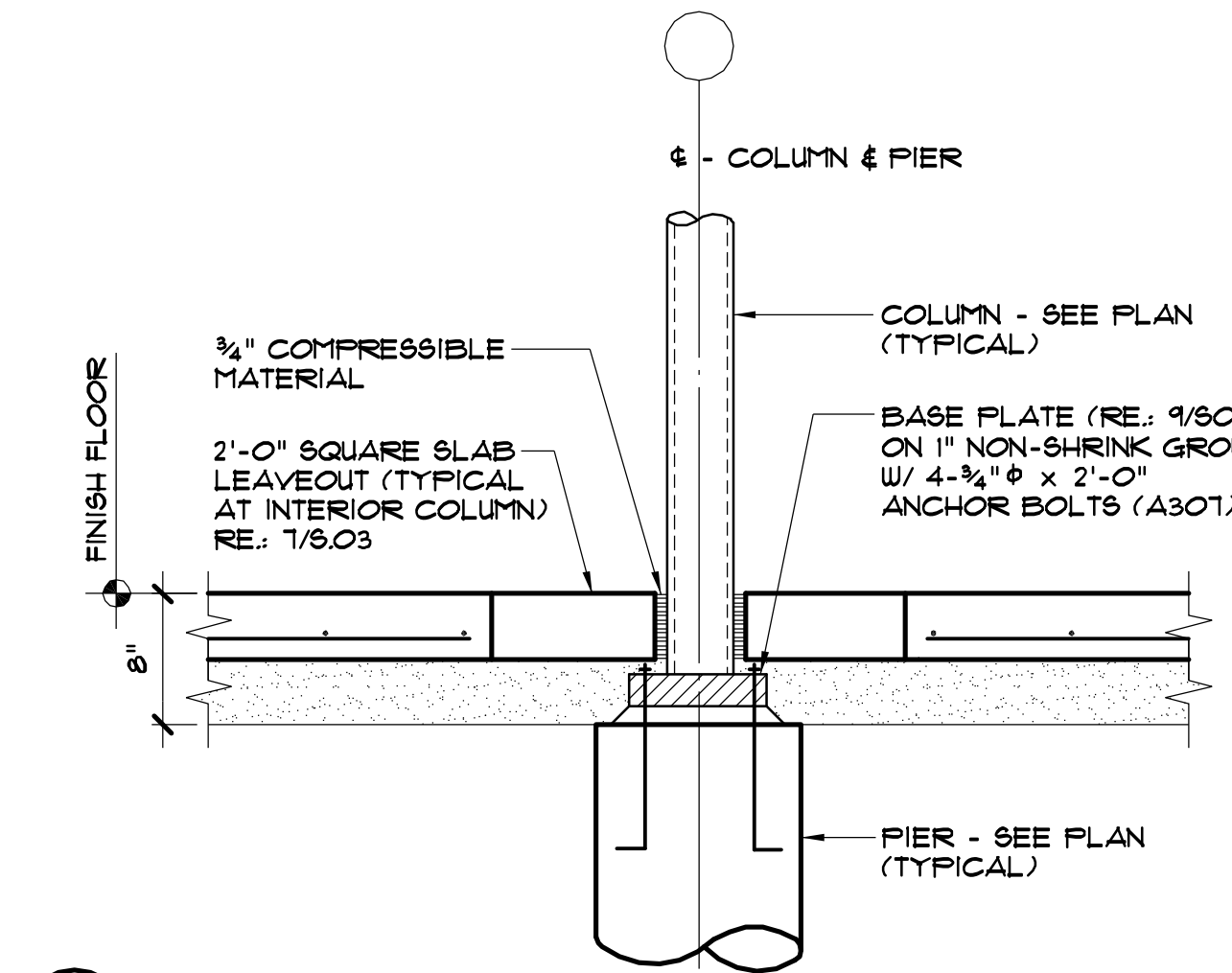
3 TYPICAL CONSTRUCTION JOINT
N. T. S. WORK WITH DETAIL 8A/80.3



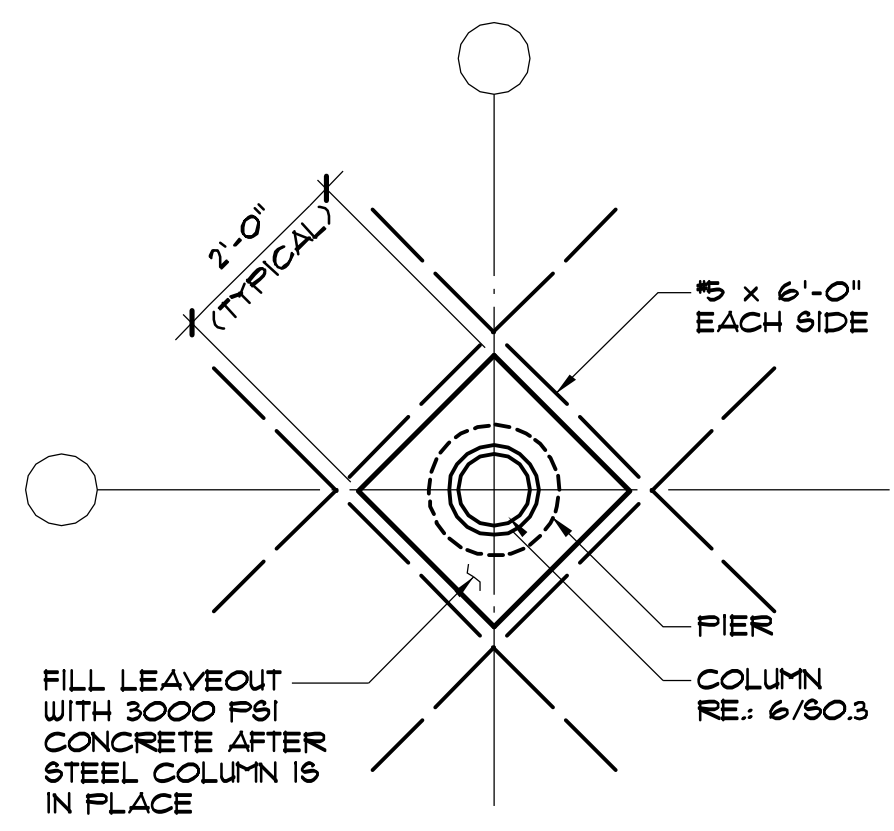
4 TYPICAL TURNED DOWN SLAB DETAIL
N. T. S.



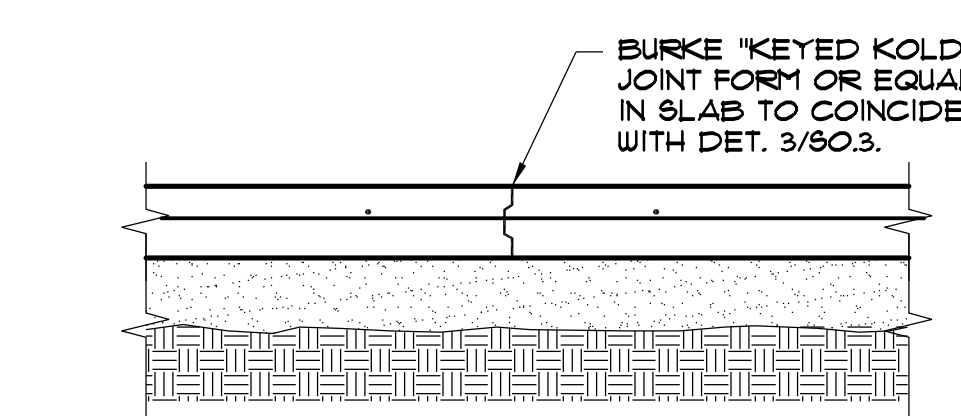
5 TYPICAL GRADE BEAM REINFORCING
N. T. S.



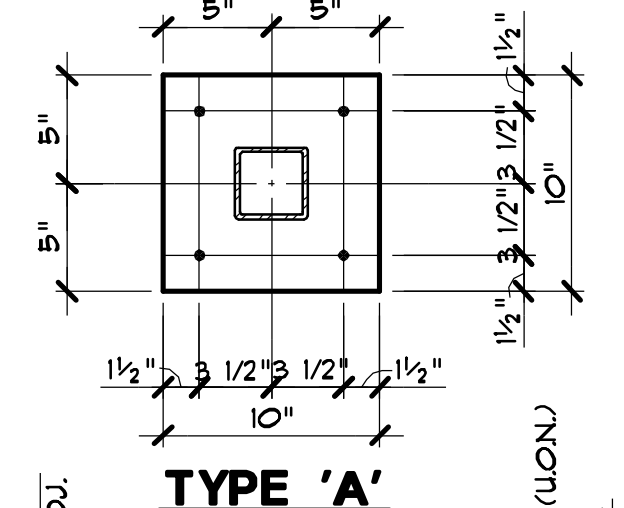
6 TYPICAL INTERIOR TUBE COLUMN DETAIL
N. T. S.



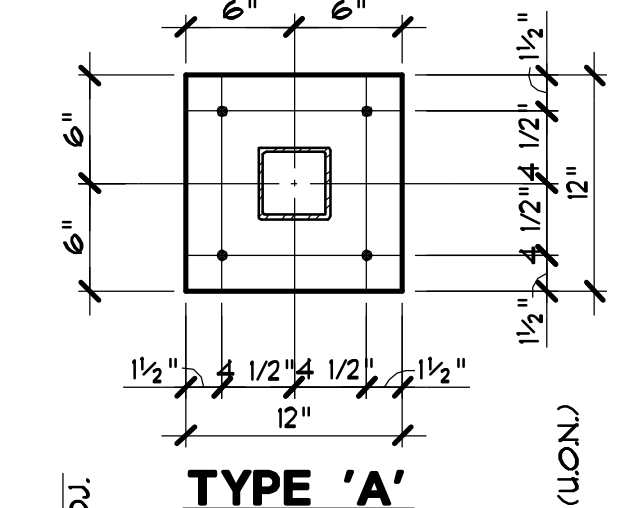
7 TYPICAL SLAB LEAVEOUT DETAIL
N. T. S.



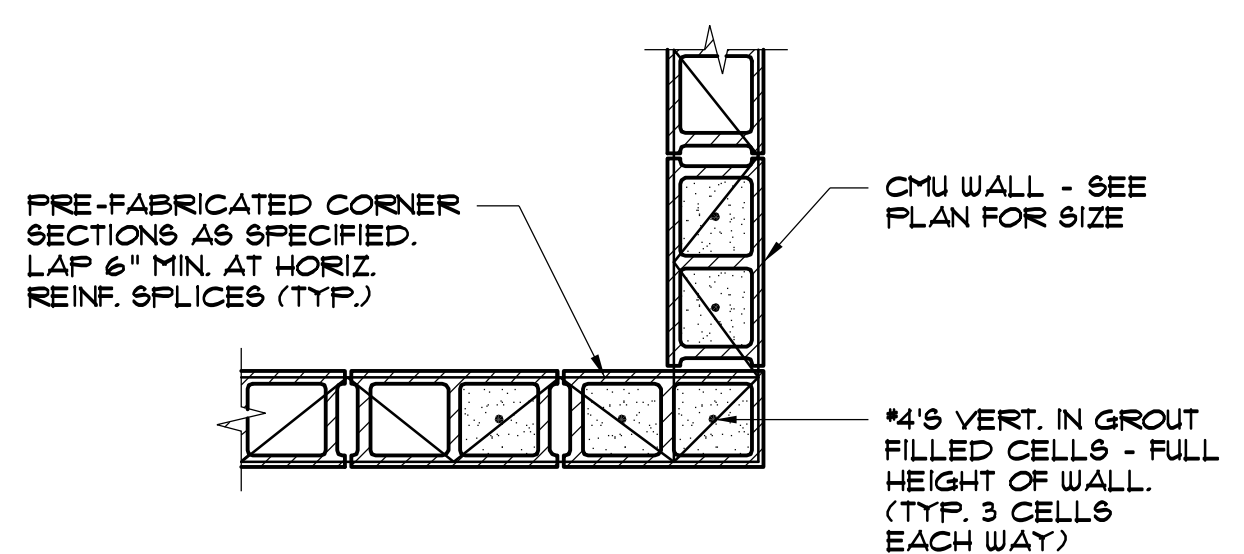
8A TYPICAL SLAB CONSTRUCTION JOINT DETAIL
N. T. S.



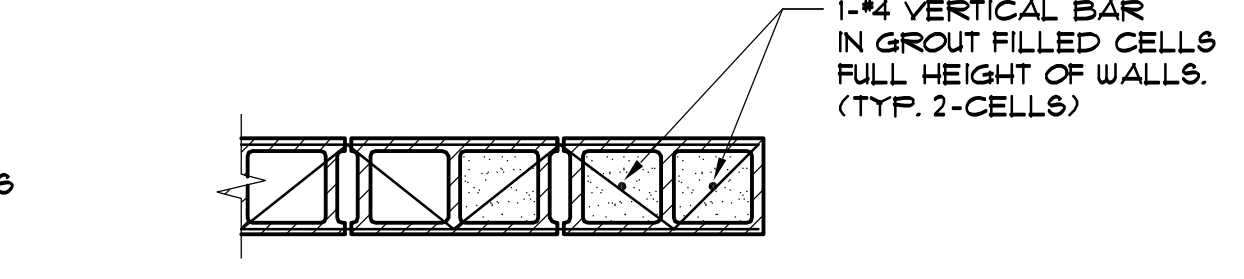
9 BASE PLATE DETAIL AT TYPICAL HSS4x4 EXTERIOR TUBE COLUMN.
N. T. S. RE: 6 & 1/80.3



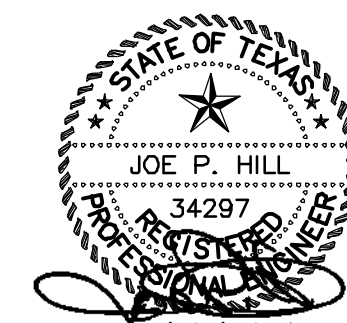
10 BASE PLATE DETAIL AT TYPICAL HSS6x6 INTERIOR TUBE COLUMN.
N. T. S. RE: 6 & 1/80.3



11 TYPICAL CMU WALL CORNER
N. T. S.



11A TYPICAL CMU WALL END
N. T. S. (TYP. @ EA. SIDE OF ELEVATOR DOOR OPEN'G.)



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY JOE P. HILL, P.E. 34297 ON MARCH 10, 2014.

Joh
JOE P. HILL, P.E.
CONSULTING STRUCTURAL ENGINEERING
1801 N. Hampton Rd.
Suite 440, Dallas, Texas 75115
(972) 283-5111
FAX (972) 283-5113

Jph, P.E. Job No. 13504

JOE P. HILL, P.E.
TEXAS FIRM REG. No. F-2335

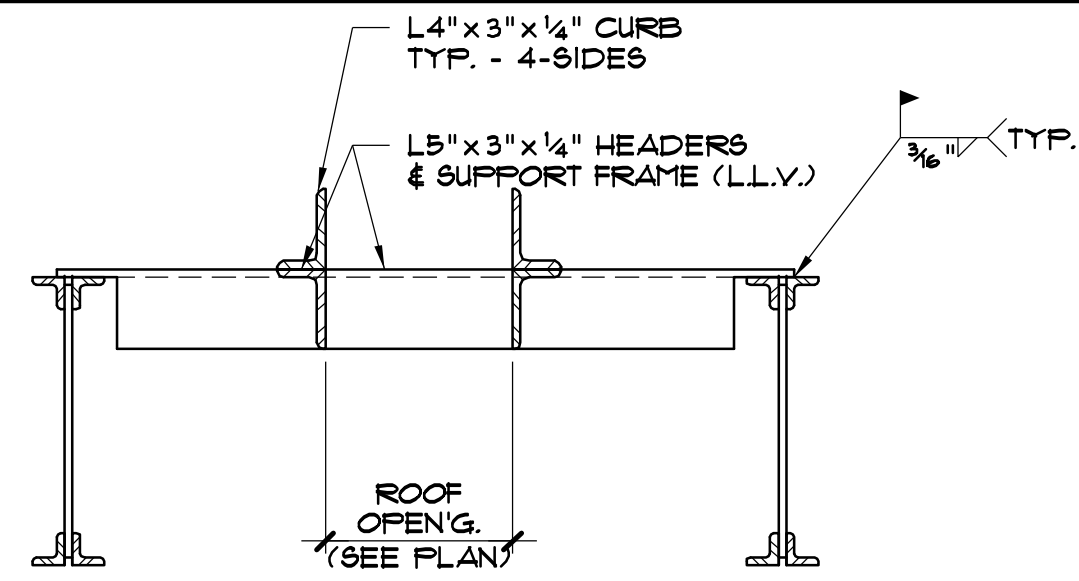


Chica & Associates, Inc.
Texas Registered Engineering Firm
505 Orleans, Suite 106
Ph: (409) 833-4343

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CHECKED BY: WAE
APPROVED BY: RB/SF

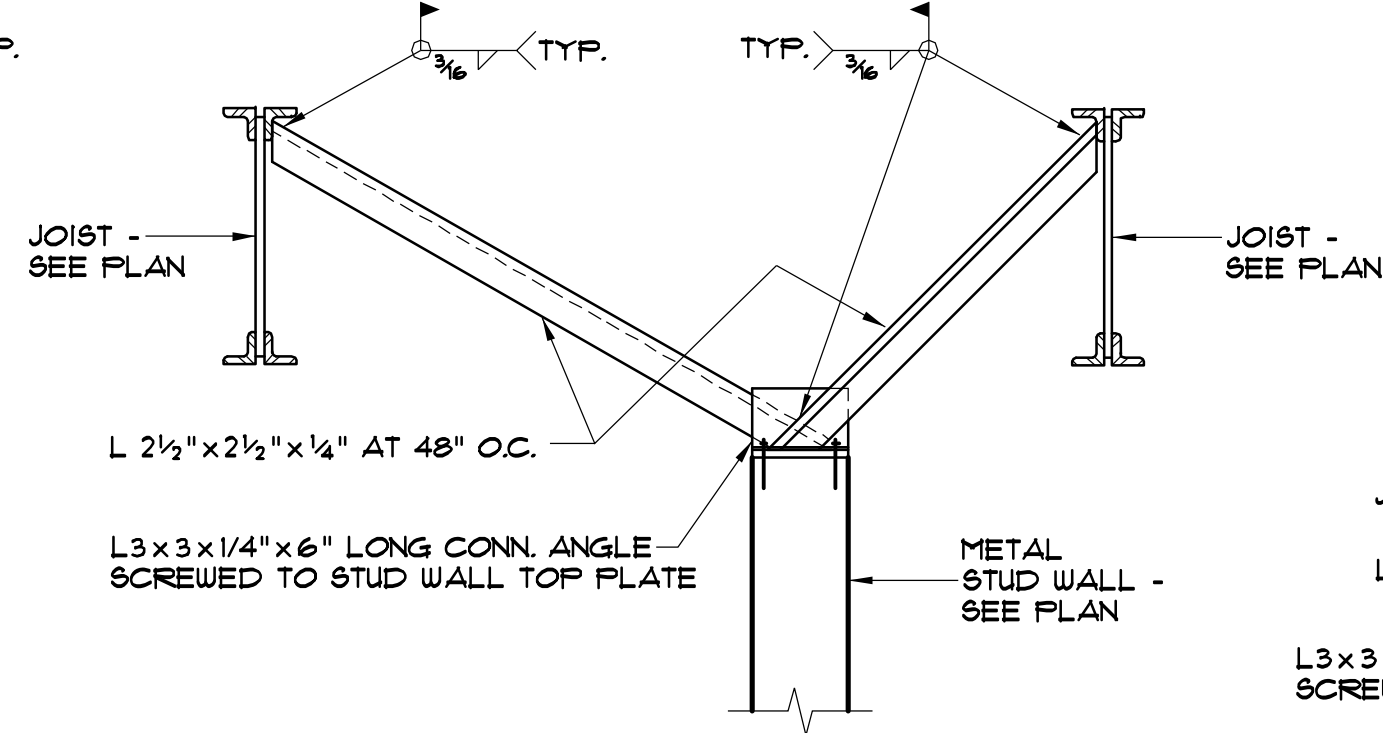
SO.3

WFS\New X.dwg (E:\2013\1313-504 Port Arthur Health Clinic - TX\FPD\80.3.dwg, 2/28/2014 2:50:19 PM, Plotted By: VJS)

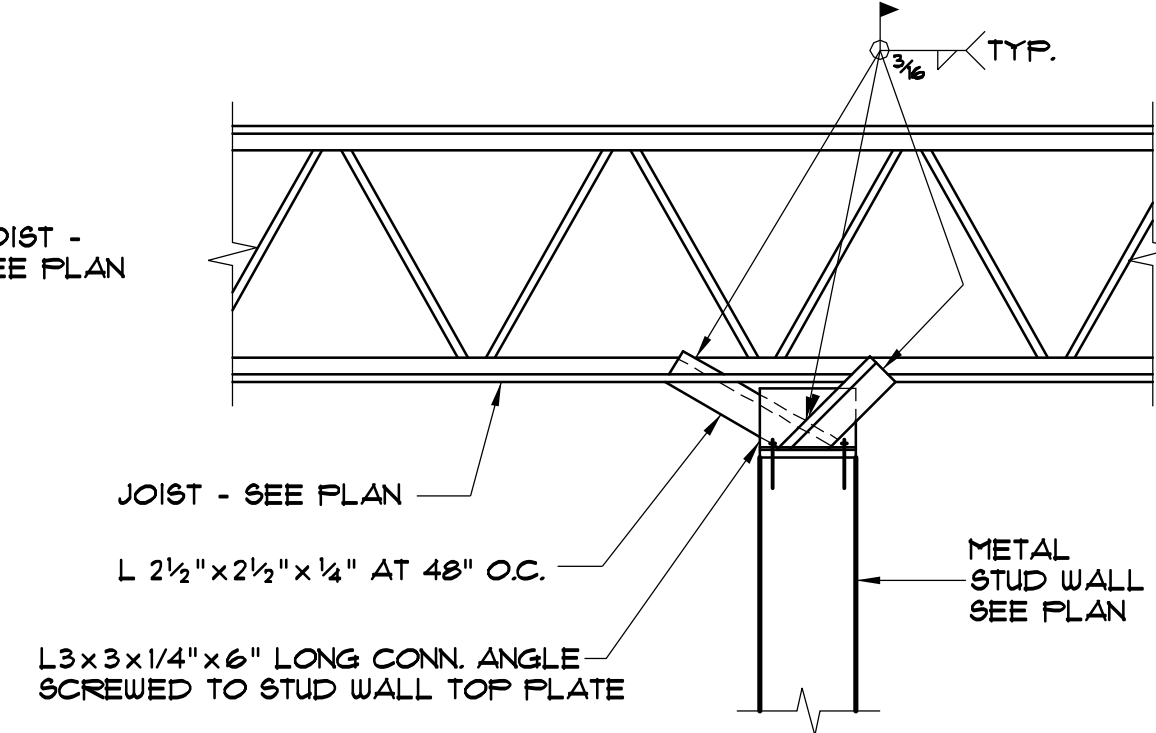


- USE THIS DETAIL FOR ANY AND ALL ROOF OPENINGS LARGER THAN 10".
- REFER TO M-E-P DRAWINGS FOR ALL ROOF OPENINGS, SIZES AND LOCATIONS.
- COORDINATE ALL ROOF OPENINGS SHOWN ON M-E-P WITH STRUCTURAL FRAMING PLANS.
- AN OPENING NOT SHOWN ON THE STRUCTURAL FRAMING PLAN IS NOT TO BE CONSTRUED AS AN OMISSION OR EXCLUSION FROM THIS PROJECT.

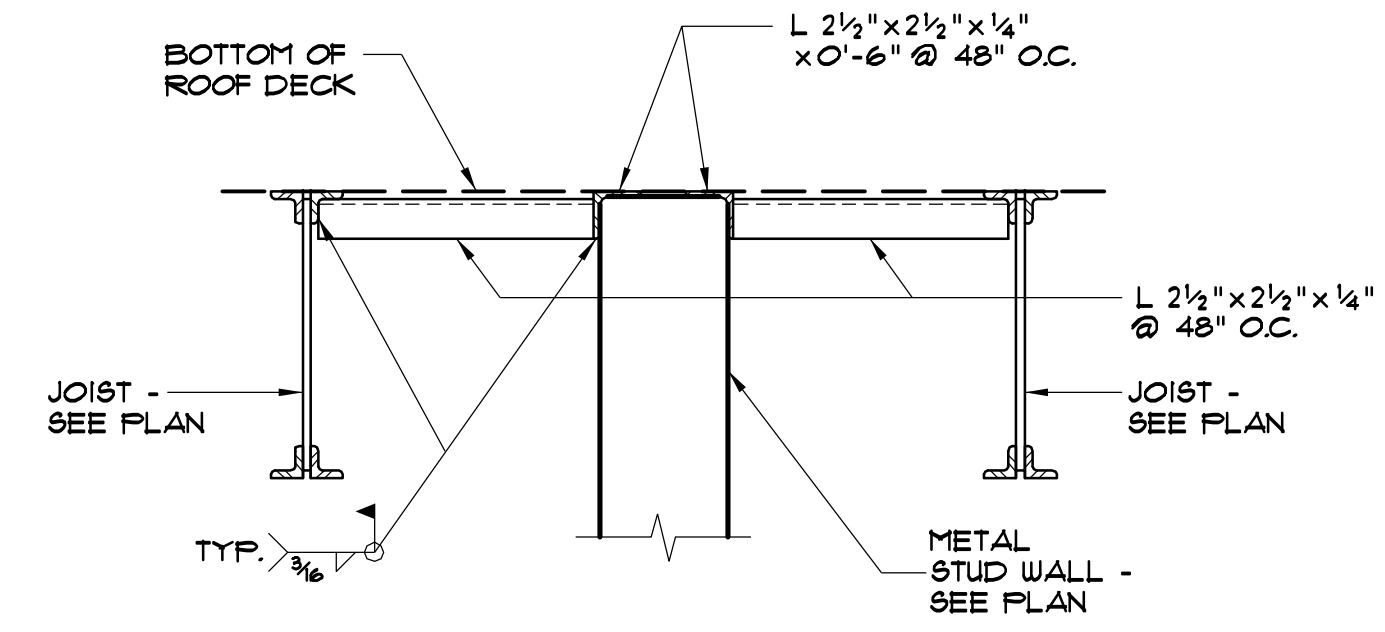
1 TYPICAL ROOF OPENING DETAIL
N. T. S.



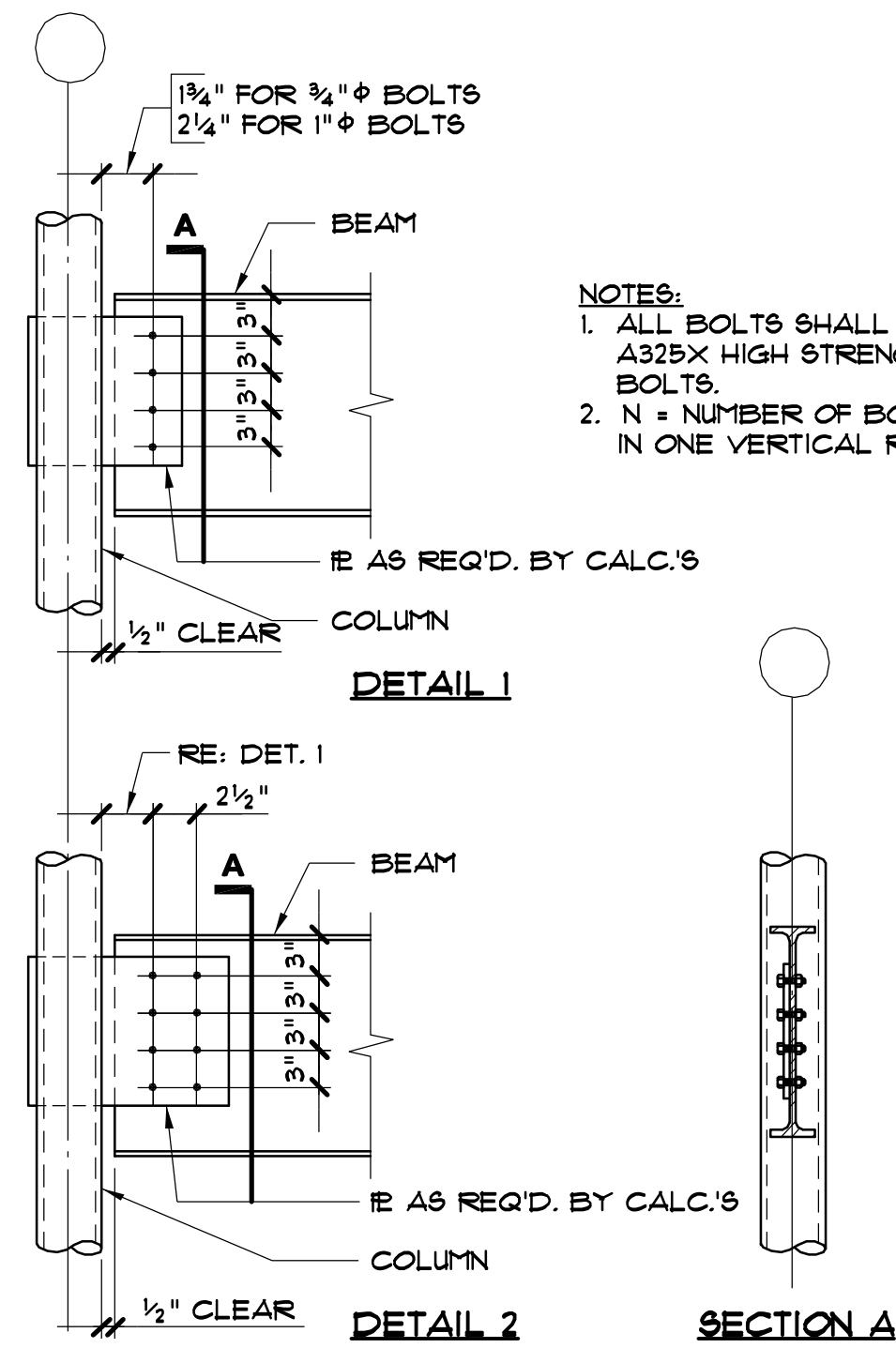
2 SHORT WALL - PARALLEL TO JOIST
N. T. S.



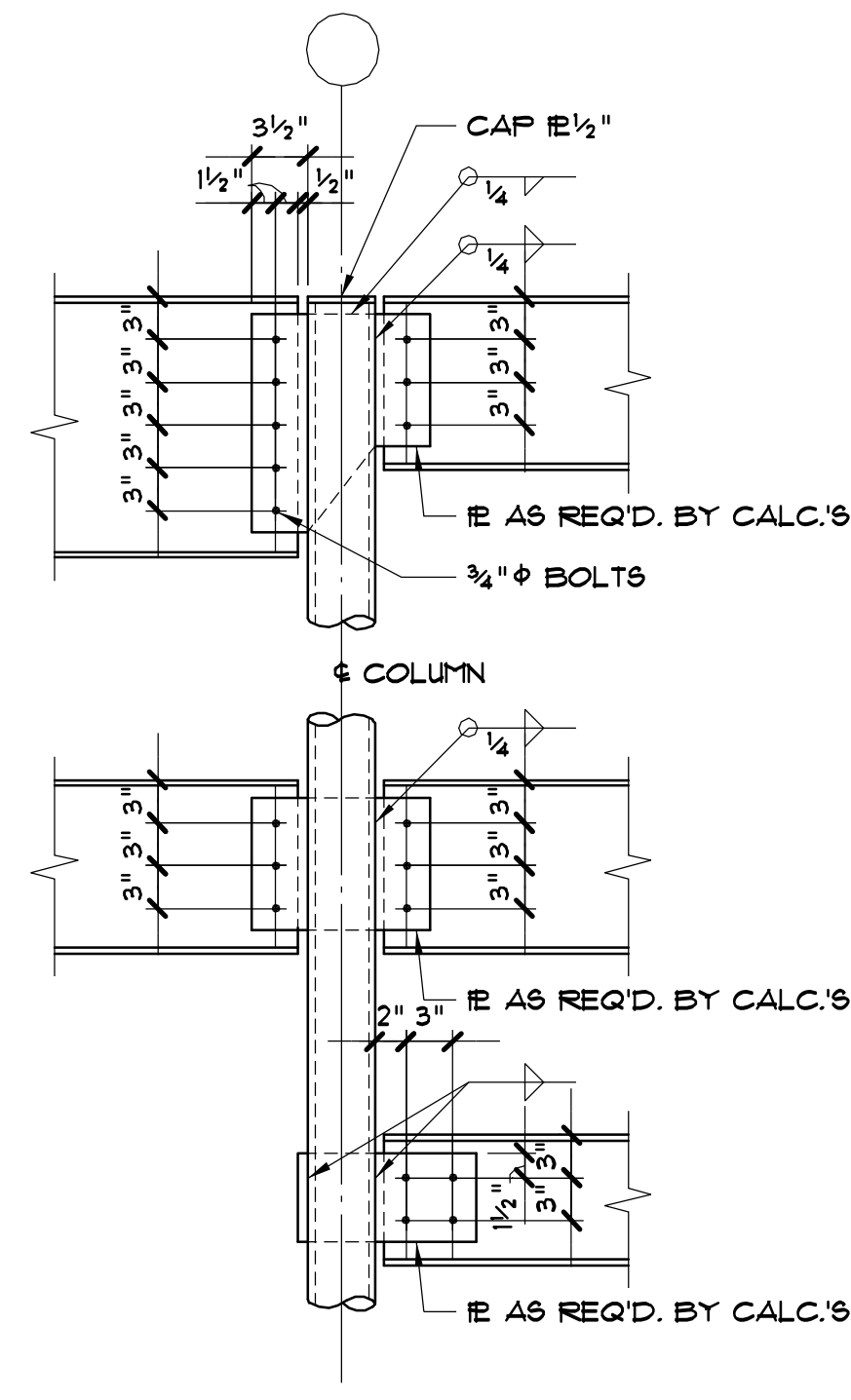
3 SHORT WALL - PERPENDICULAR TO JOIST
N. T. S.



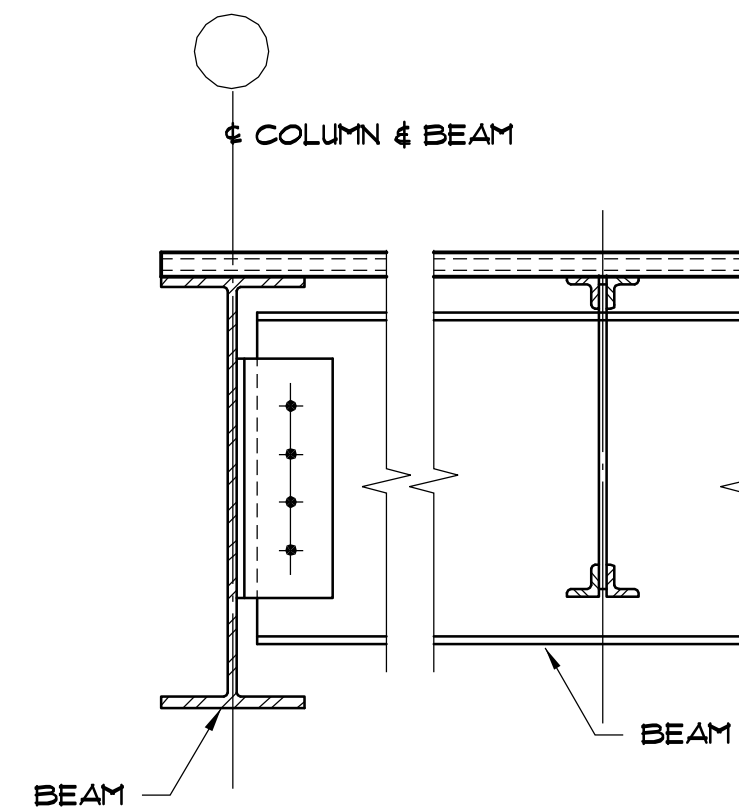
4 HIGH WALL TO BOTTOM OF ROOF DECK
N. T. S.



5 TYPICAL BEAM TO PIPE OR TUBE COLUMN CONNECTION
N. T. S.



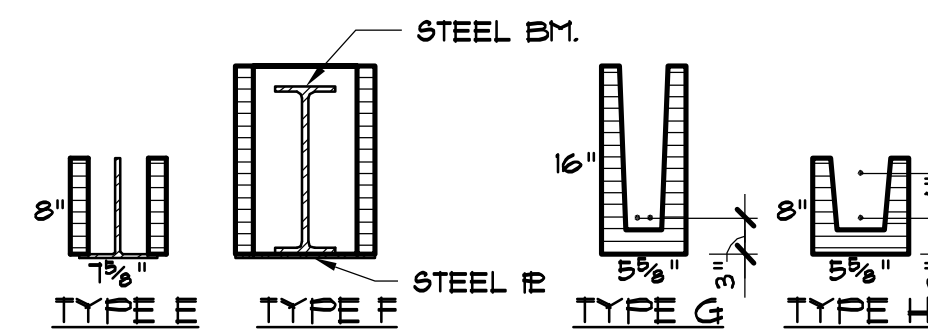
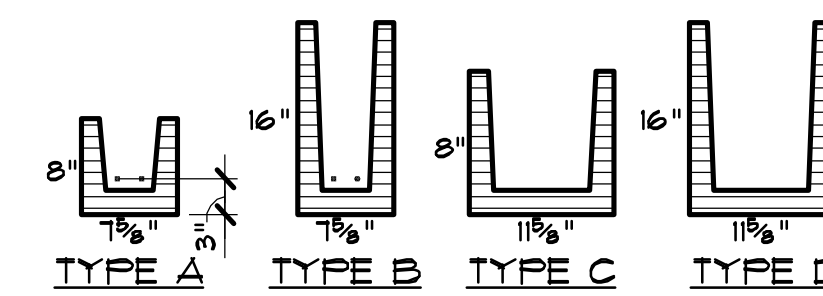
6 TYPICAL BEAM TO PIPE OR TUBE COLUMN CONNECTION
N. T. S.



7 TYPICAL BEAM TO BEAM CONNECTION DETAIL
N. T. S.

| LINTEL SCHEDULE | | | | | |
|-----------------|------|---------------|---------|------------------|--------|
| MARK | TYPE | OPEN'G. WIDTH | REIN'G. | STEEL ANGLE SIZE | DETAIL |
| L1 | A | 3'-4" | 2-#4'S | | |
| L2 | A | 4'-0" | 2-#4'S | | |
| L3 | A | 6'-0" | 2-#5'S | | |
| L4 | A | 6'-0" | 2-#5'S | | |
| L5 | A | 6'-0" | 2-#5'S | | |
| L6 | A | 4'-0" | 2-#4'S | | |
| L7 | A | 6'-0" | 2-#4'S | | |
| L8 | A | 6'-0" | 2-#4'S | | |
| L9 | A | 3'-4" | 2-#4'S | | |
| L10 | A | 6'-0" | 2-#4'S | | |
| L11 | A | 3'-4" | 2-#4'S | | |
| L12 | B | 8'-0" | 2-#4'S | | |
| L13 | A | 4'-0" | 2-#4'S | | |
| L14 | B | 8'-8" | 2-#4'S | | |
| L15 | A | 4'-0" | 2-#4'S | | |
| L16 | A | 6'-0" | 2-#5'S | | |
| L17 | B | 8'-0" | 2-#4'S | | |
| L18 | A | 6'-0" | 2-#5'S | | |
| L19 | A | 6'-0" | 2-#5'S | | |
| L20 | A | 6'-0" | 2-#5'S | | |
| L21 | A | 2'-8" | 2-#4'S | | |
| L22 | B | 6'-4" | 2-#4'S | | |
| L23 | A | 2'-8" | 2-#4'S | | |

NOTE: REFER TO ARCH'L. FOR OPENING WIDTH



8 MASONRY OPENING LINTELS



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Jph, P.E. Job No. 13504

JOE P. HILL, P.E.
TEXAS FIRM REG. No. F-2335

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505 Orleans, Suite 106
Beaumont, Texas 77701
Ph: (409) 833-4343

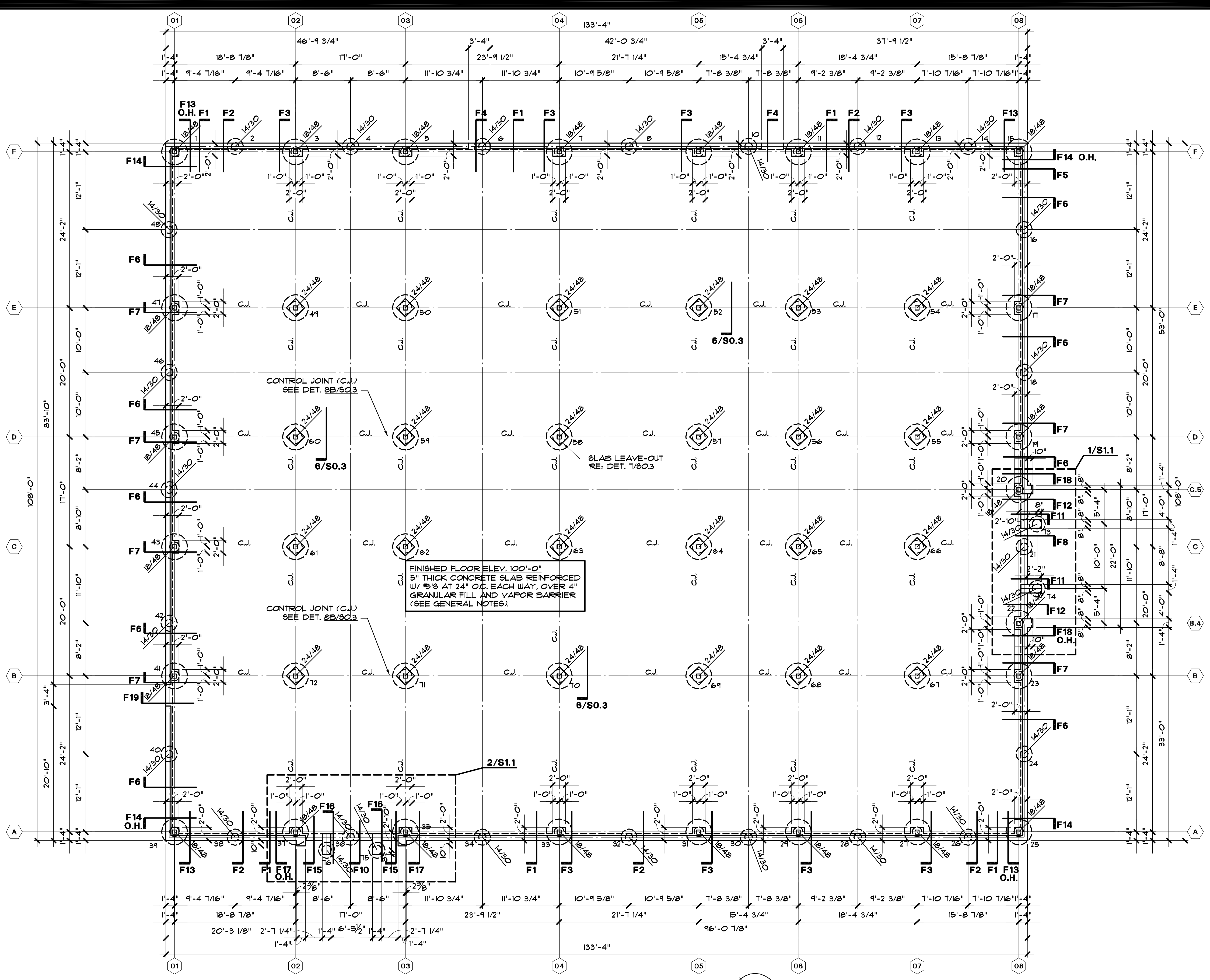


DATE: March 10, 2014
SCALE:
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CHECKED BY: WAE
APPROVED BY: RB/SF

S0.4

W:\S\New X.dwg (E:\2013\13-504 Port Arthur Health Clinic - TX\FPD\SO.dwg, 2/28/2014 2:49:53 PM, Plotted By: JYS)

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 I:\FS1\New X drive\E201313-504 Port Arthur Health Clinic - TX\PD\SI\0.dwg, 2/28/2014 2:49:18 PM, Plotted By VJS



01 NEW FOUNDATION PLAN
 SCALE: 1/8" = 1'-0"



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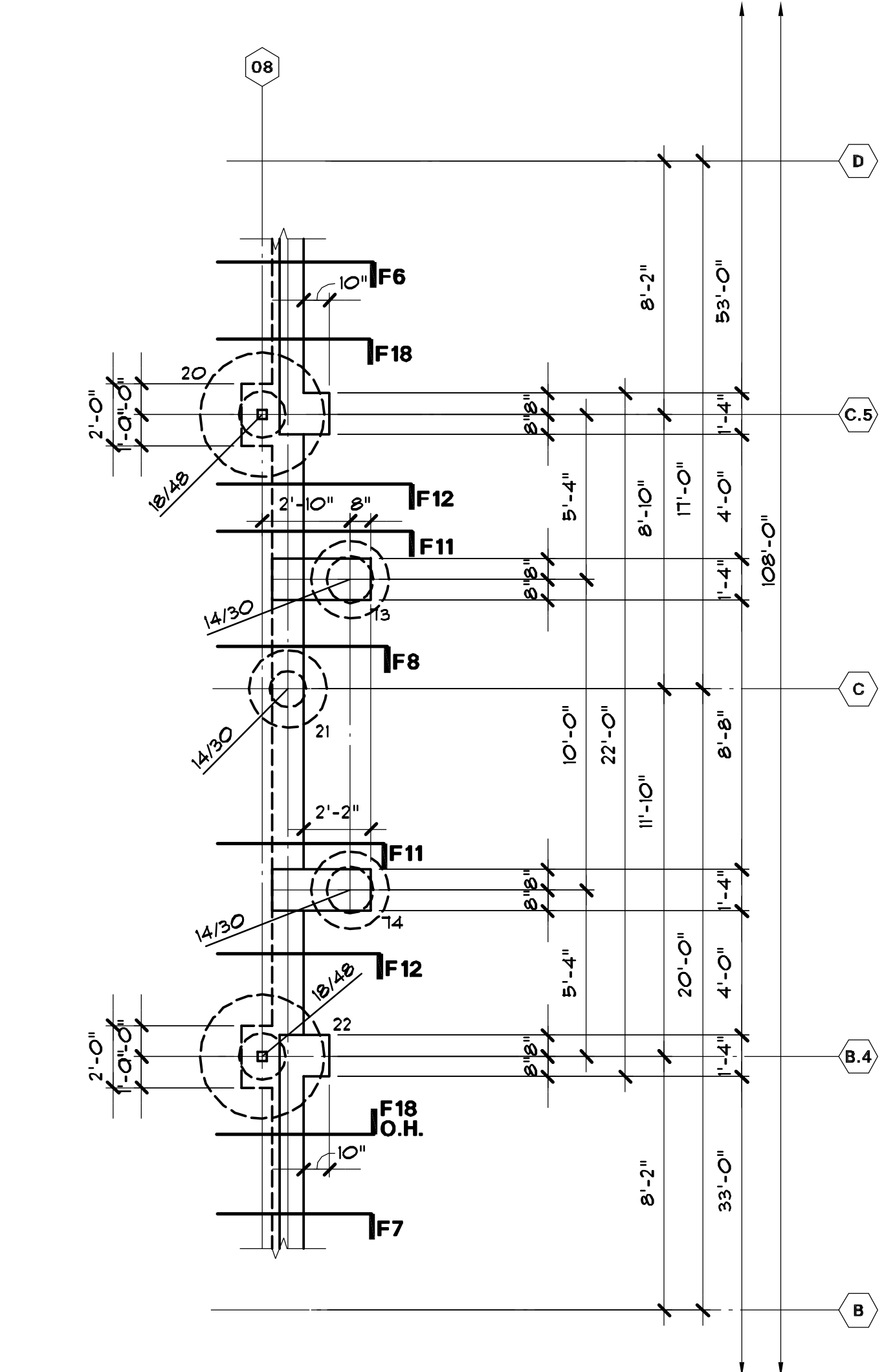
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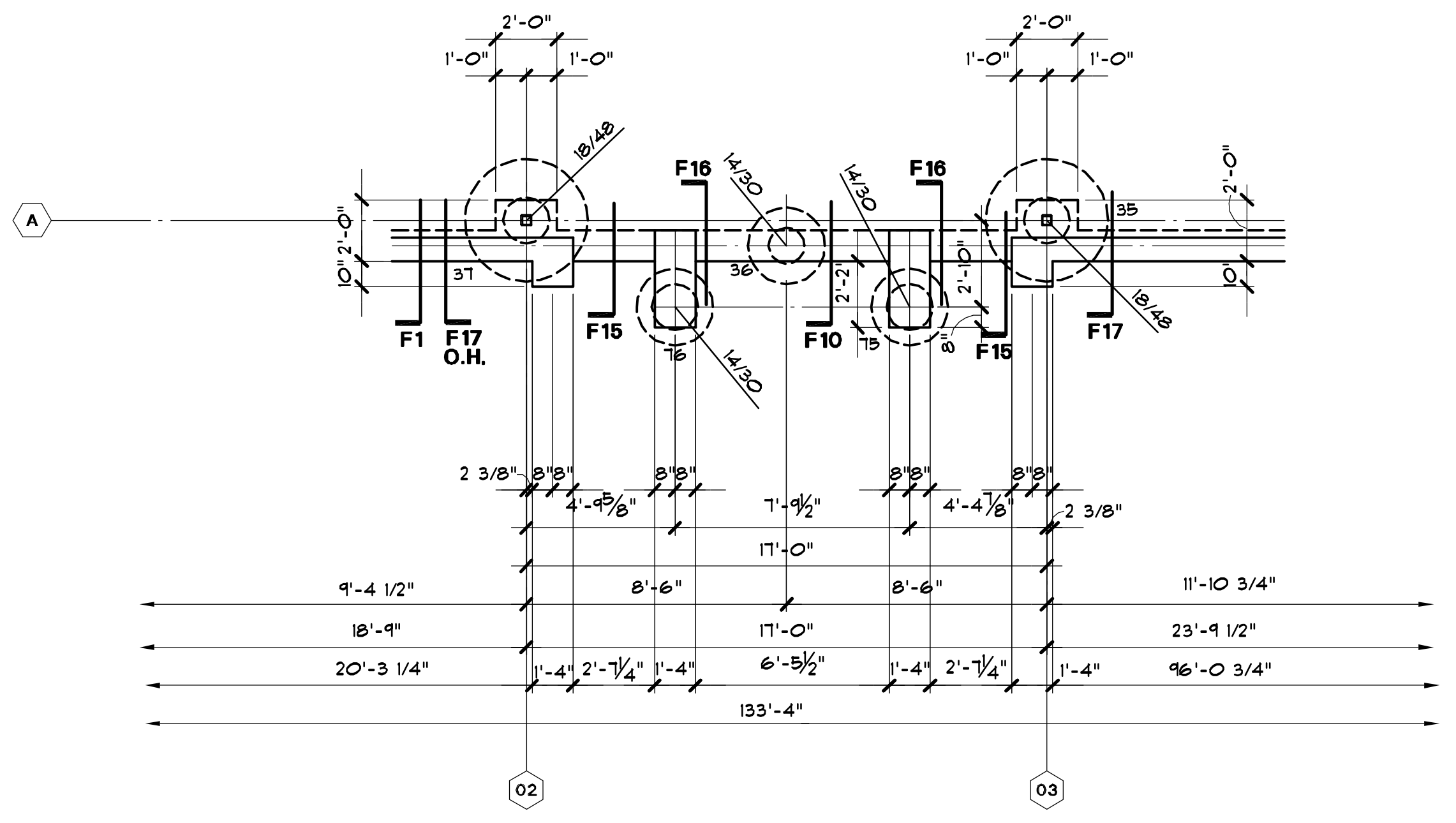
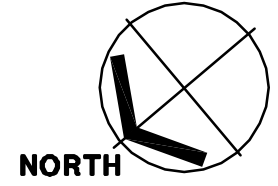
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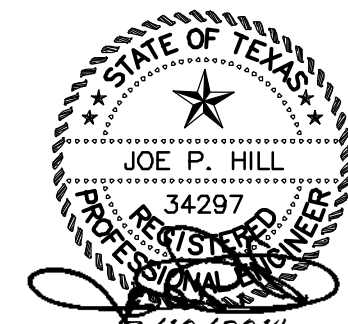
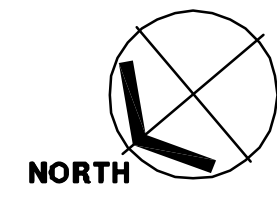
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01 ENLARGED NEW FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



02 ENLARGED NEW FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



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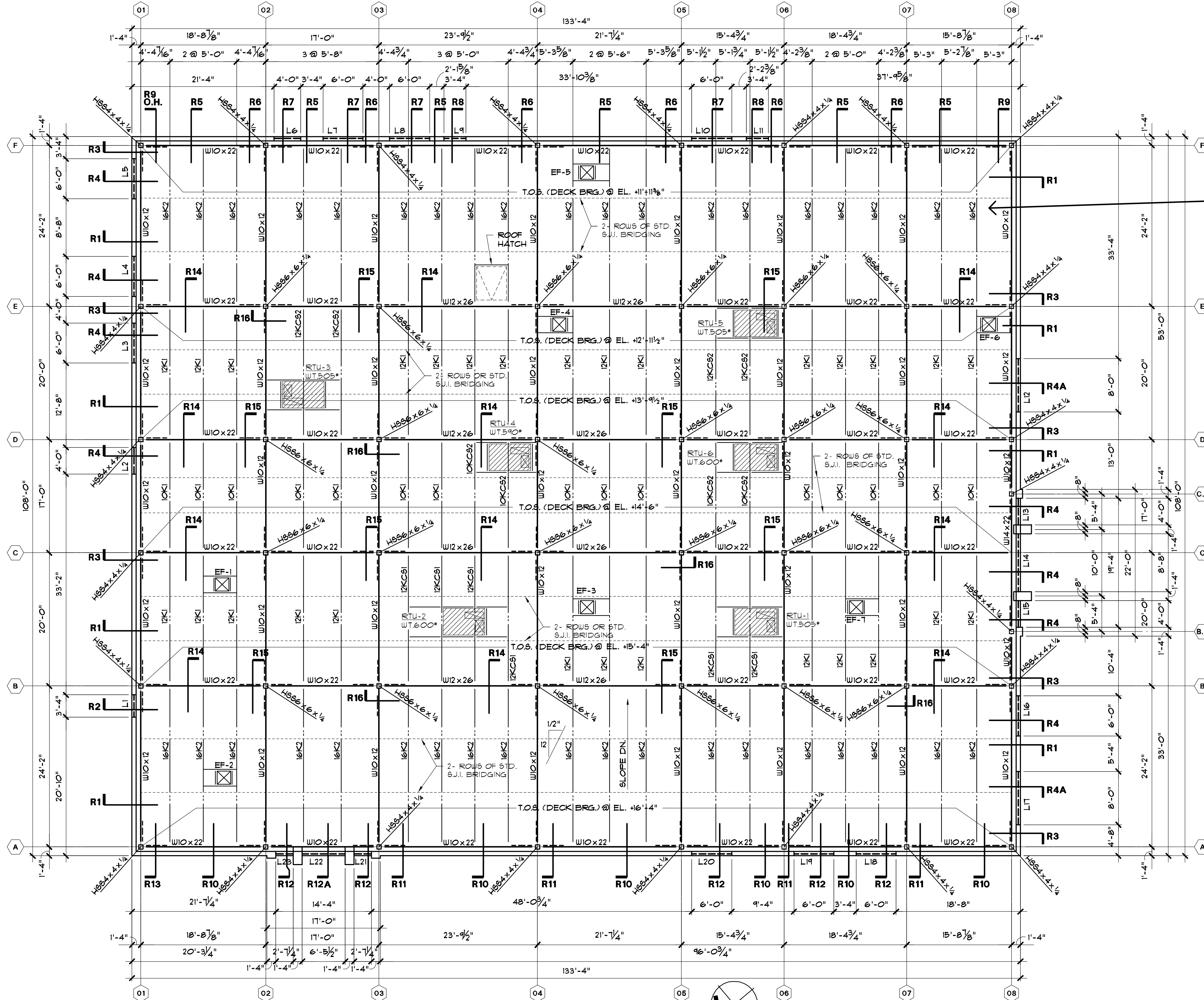
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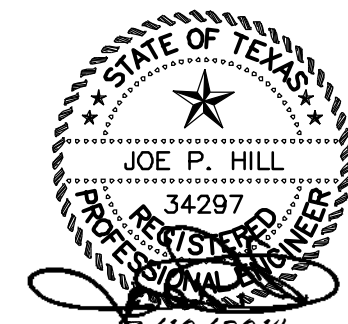
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I:\FS1\New X\Drawings\201313-504 Port Arthur Health Clinic - TX\FPD\S2.0.dwg, 2/28/2014 2:48:40 PM, Plotted By VJS
 I:\FS1\New X\Drawings\201313-504 Port Arthur Health Clinic - TX\FPD\S2.0.dwg, 2/28/2014 2:48:40 PM, Plotted By VJS




ROOF DECK:
 BUILT UP ROOF DECK OVER 1/2" 22 GA.
 INTERMEDIATE RIB METAL DECK, PAINTED
 PER STEEL DECK INSTITUTE SPECIFICATIONS
 (S.D.I.). ALL DECK SHALL SPAN A MINIMUM
 OR THREE (3) CONTINUOUS SPANS.
 (SEE GENERAL NOTES)

TYPICAL COLUMNS:
 EXTERIOR: HSS 4" x 4" x 1/4"
 INTERIOR: HSS 6" x 6" x 1/4"
 (---): KNEE BRACE
 2-L3" x 3" x 1/4" (TYP.)



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JOE P. HILL, P.E.
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01 NEW ROOF PLAN
 SCALE: 1/8" = 1'-0"
 NORTH

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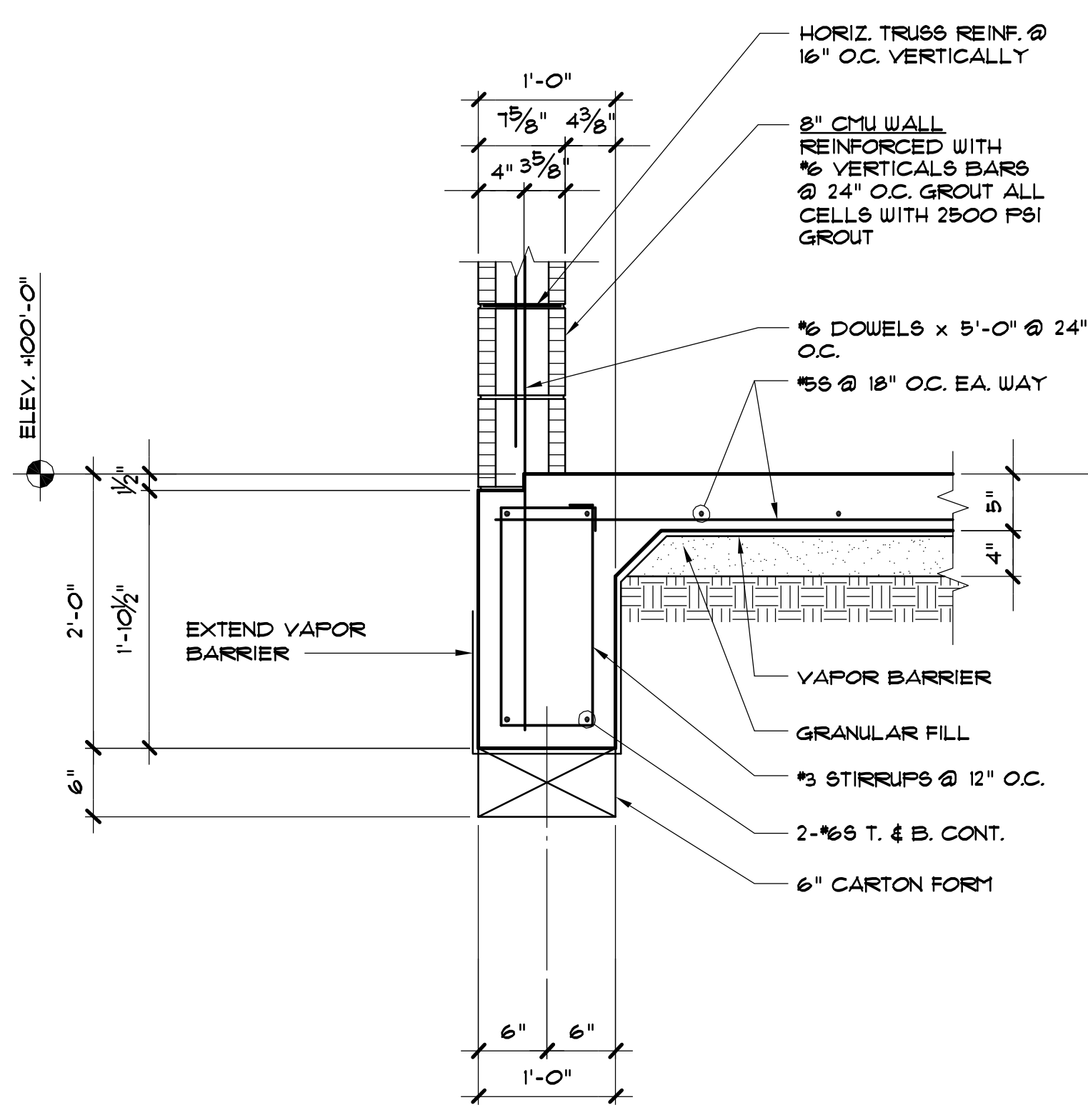


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| DATE: | March 10, 2014 |
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| CHECKED BY: | WAE |
| APPROVED BY: | RB/SF |

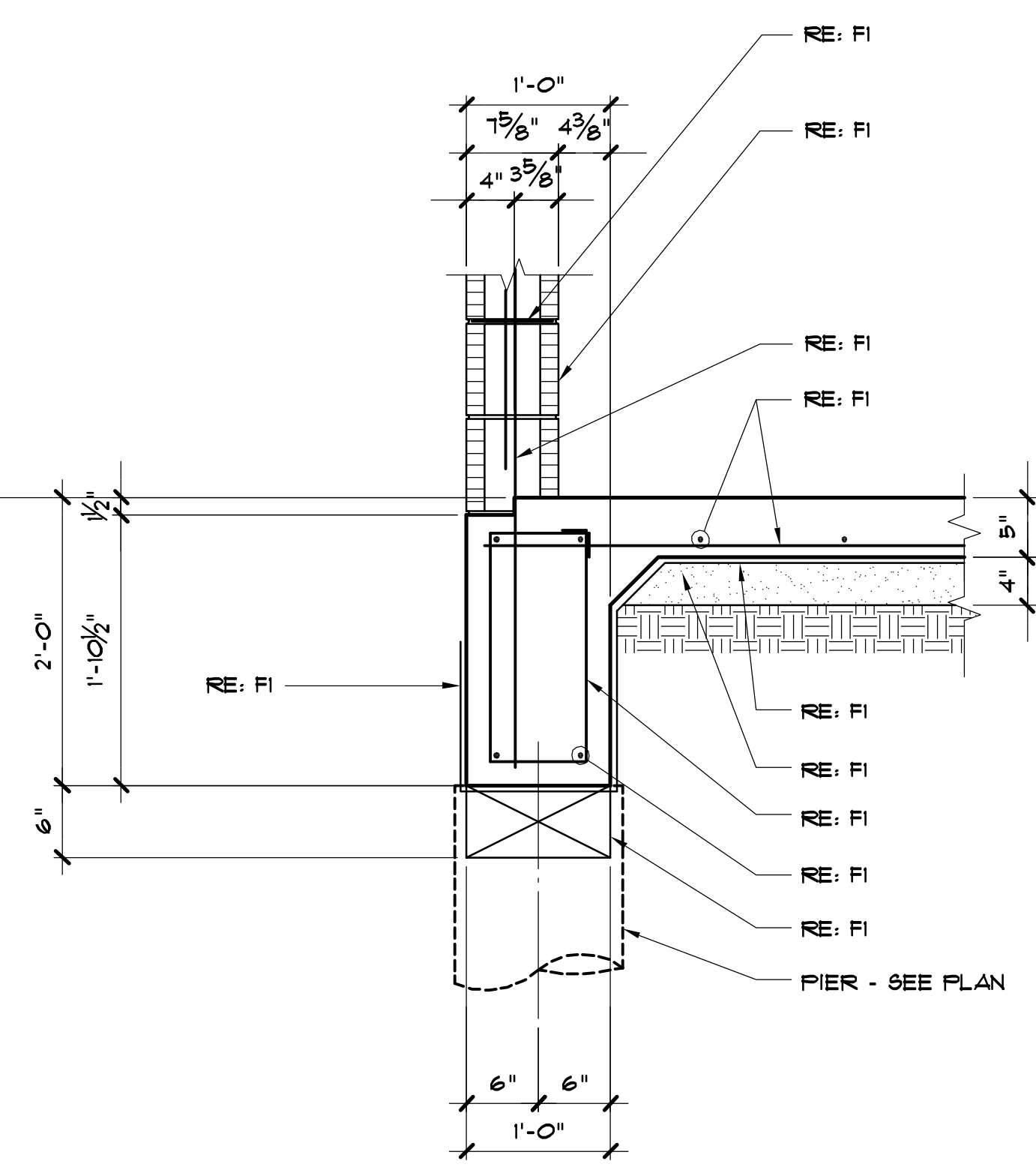
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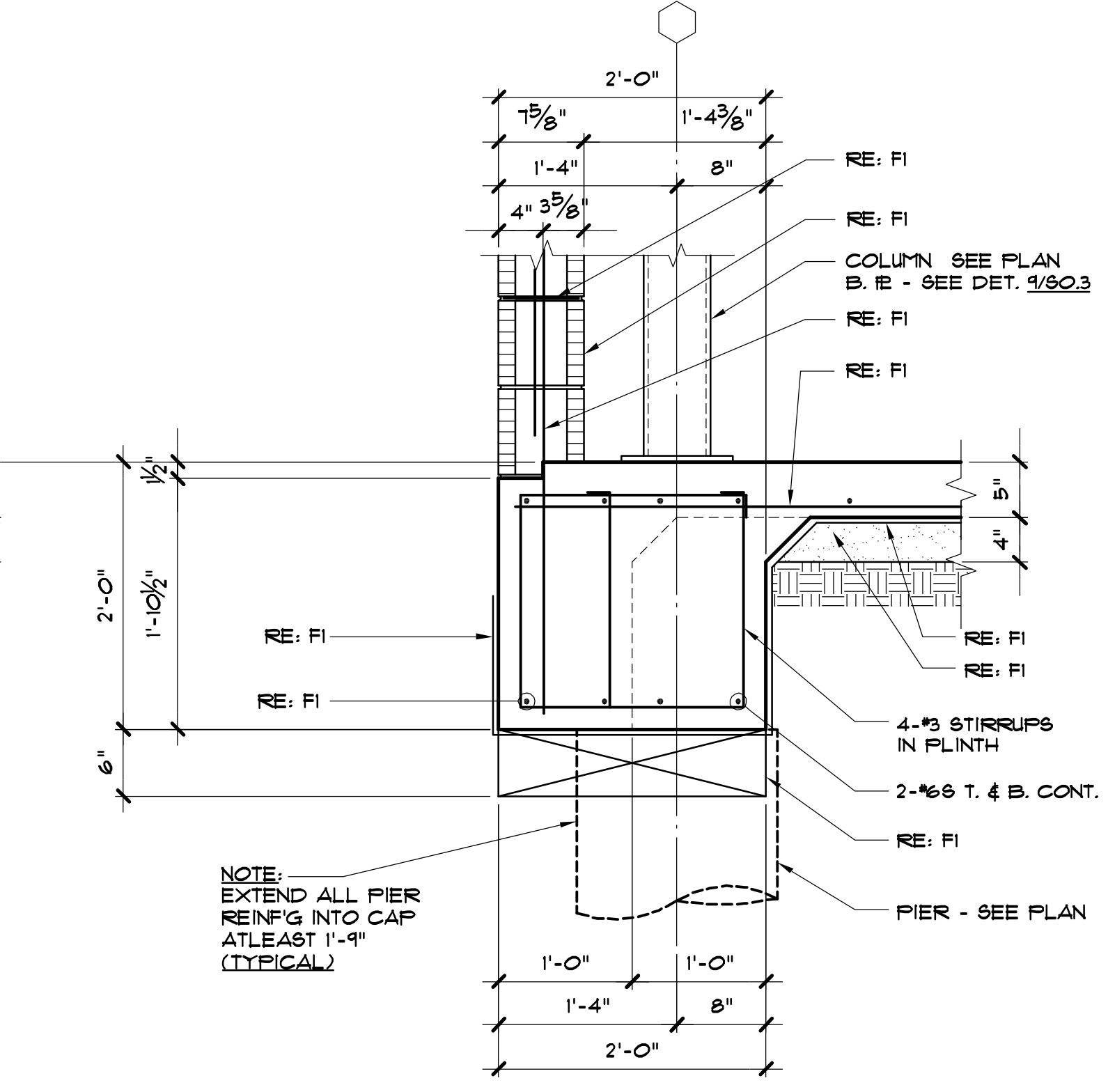


F1

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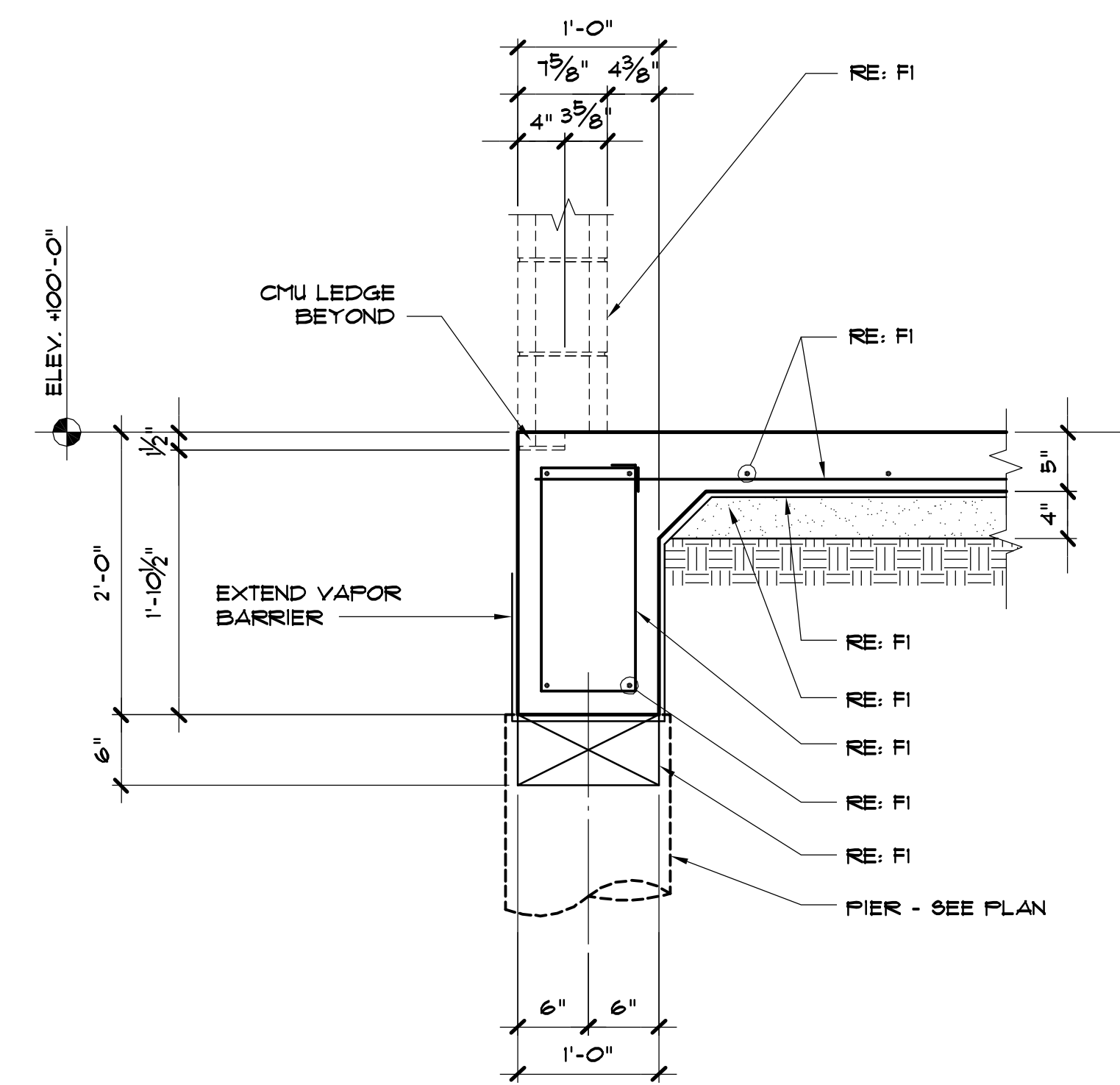


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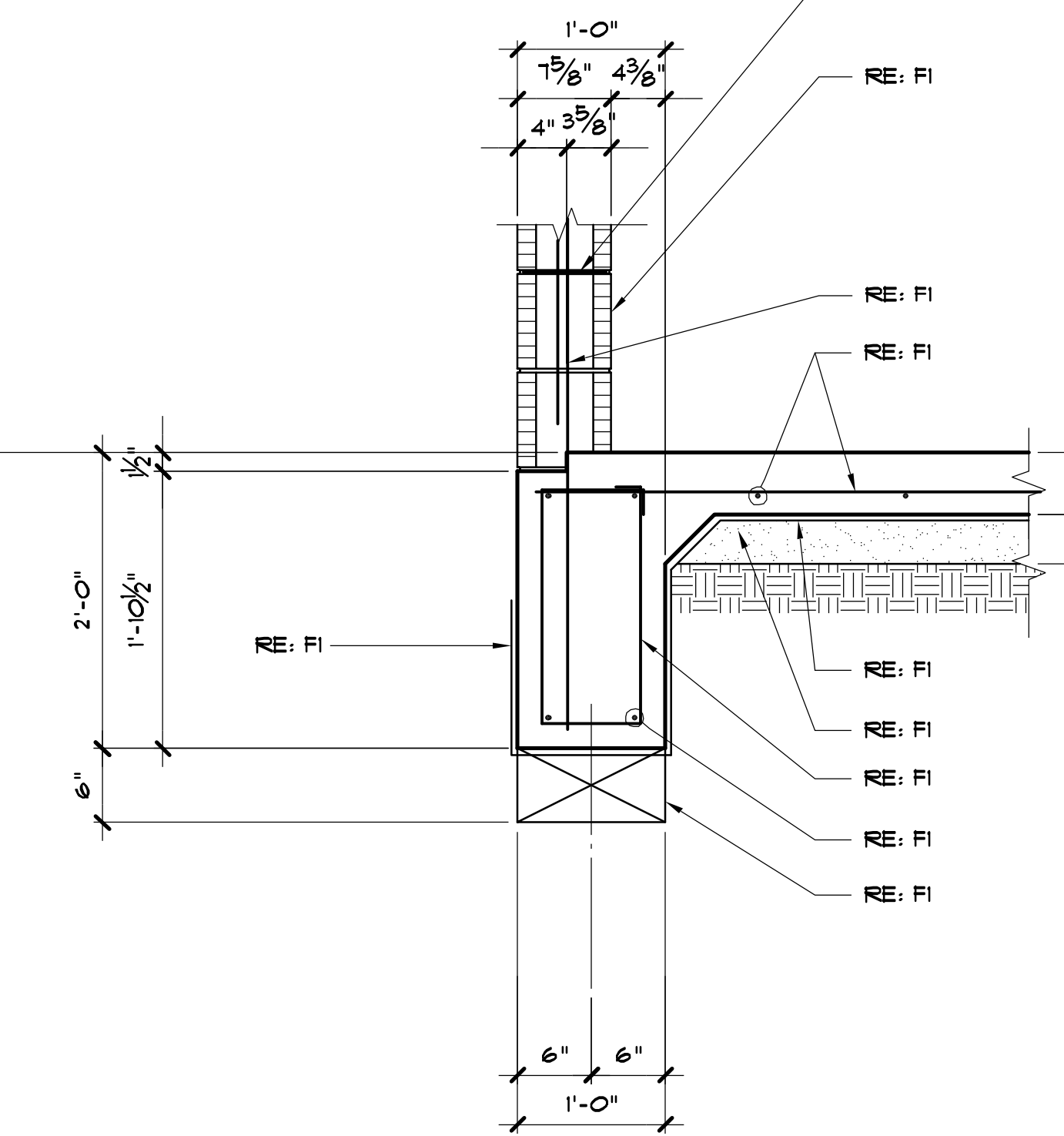


F3

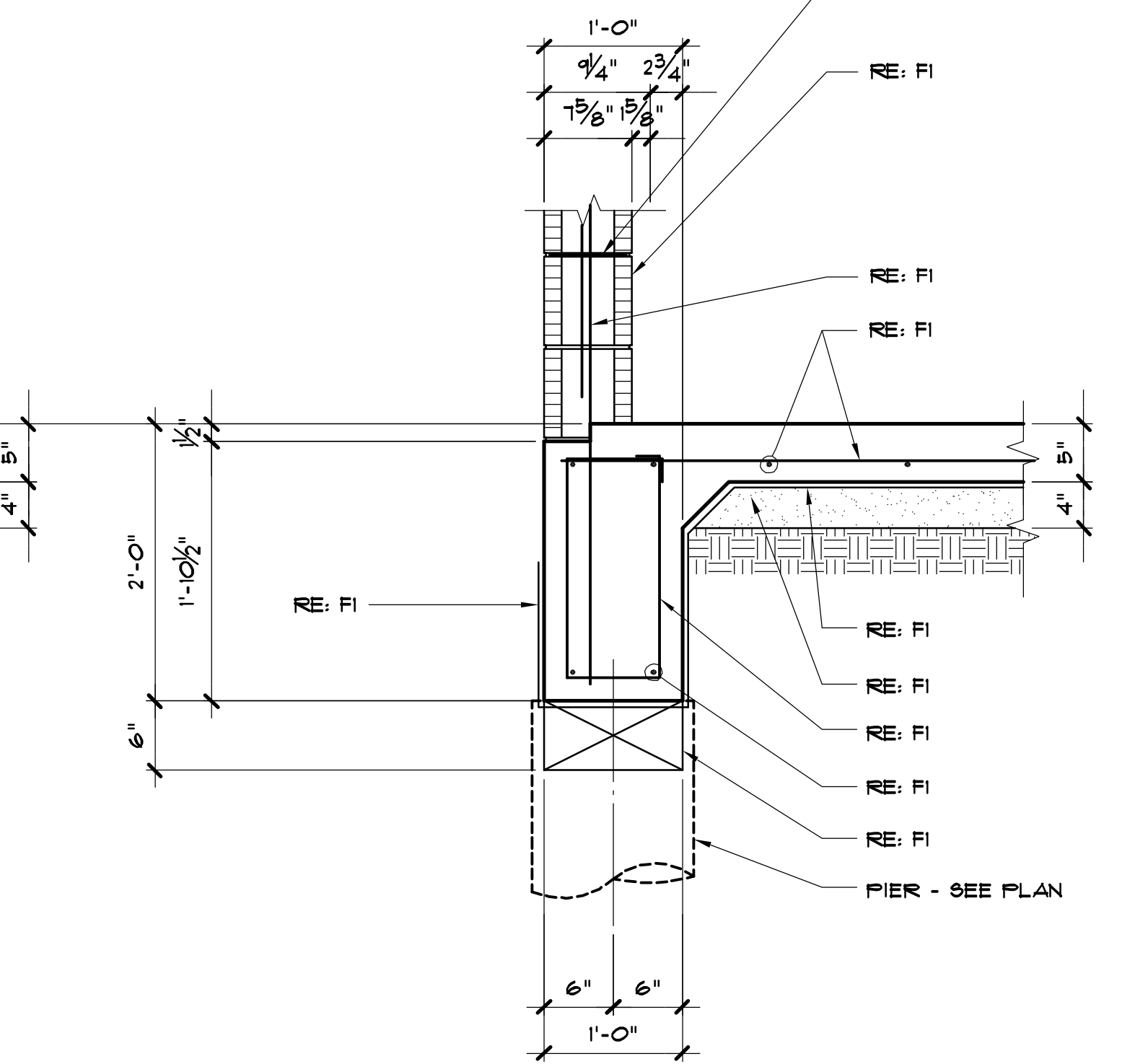
NOTE:
EXTEND ALL PIER
REINFG INTO CAP
ATLEAST 1'-9"
(TYPICAL)




F4




F5



F6



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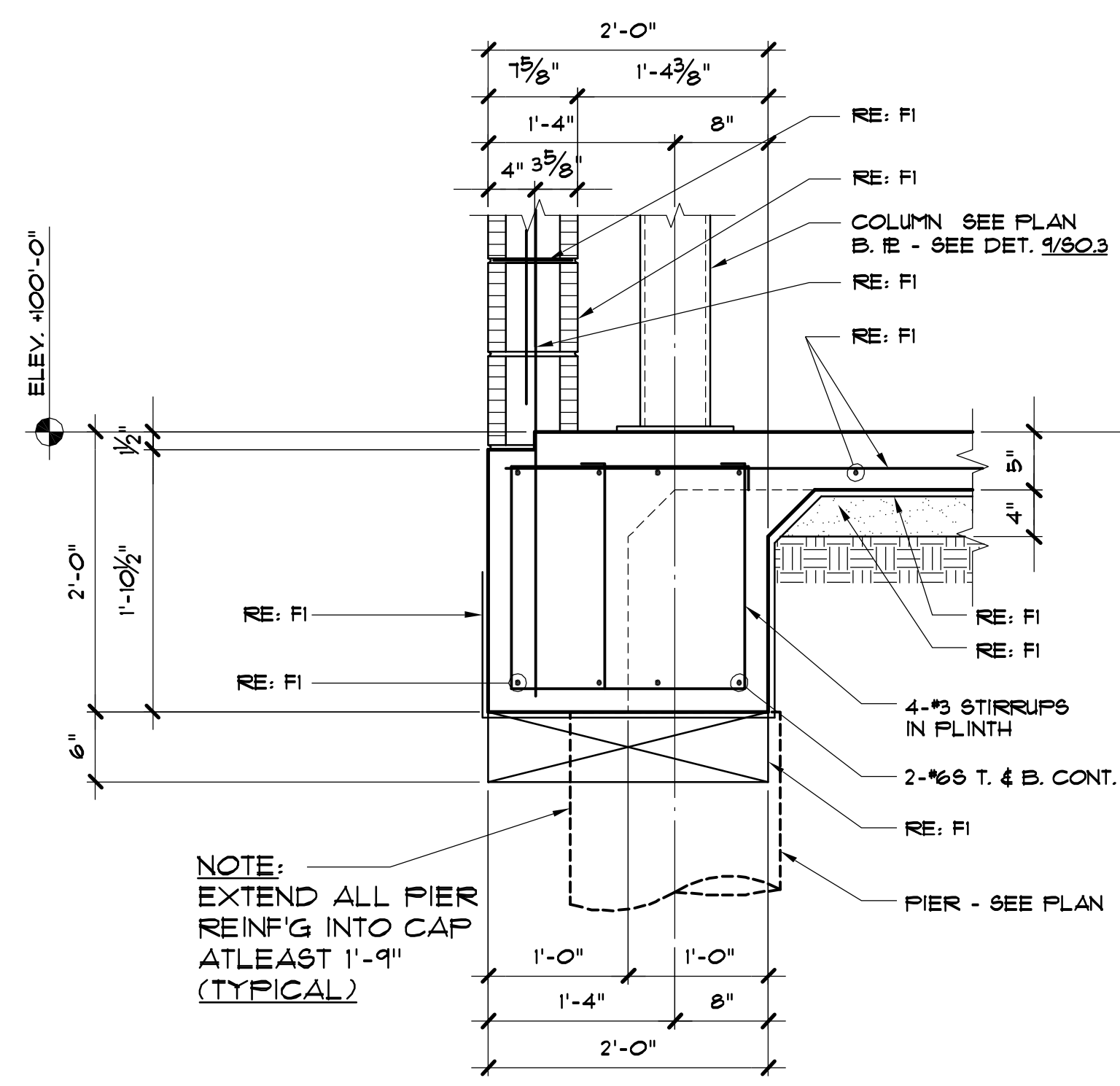
DATE: March 10, 2014
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S3.0

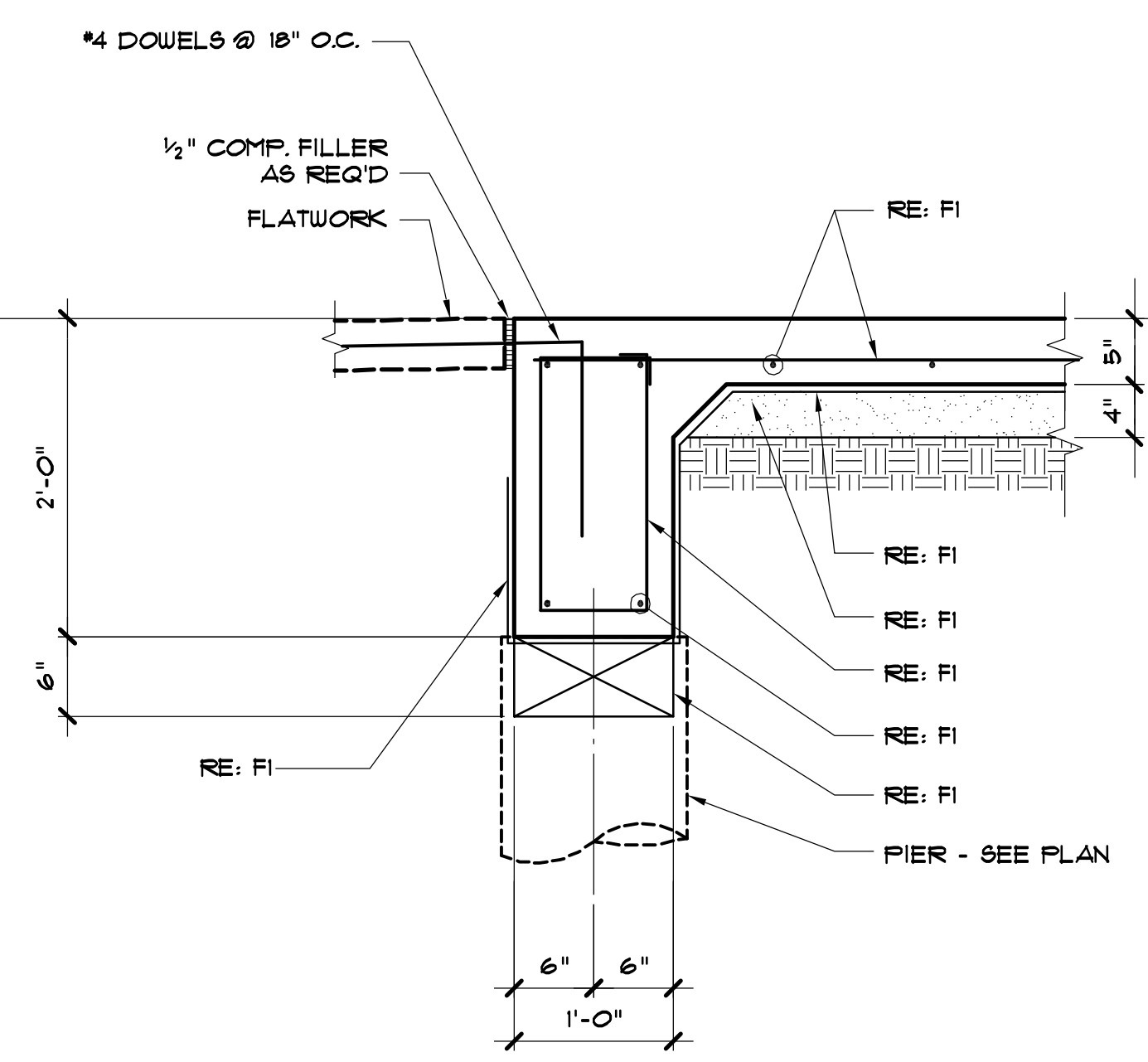
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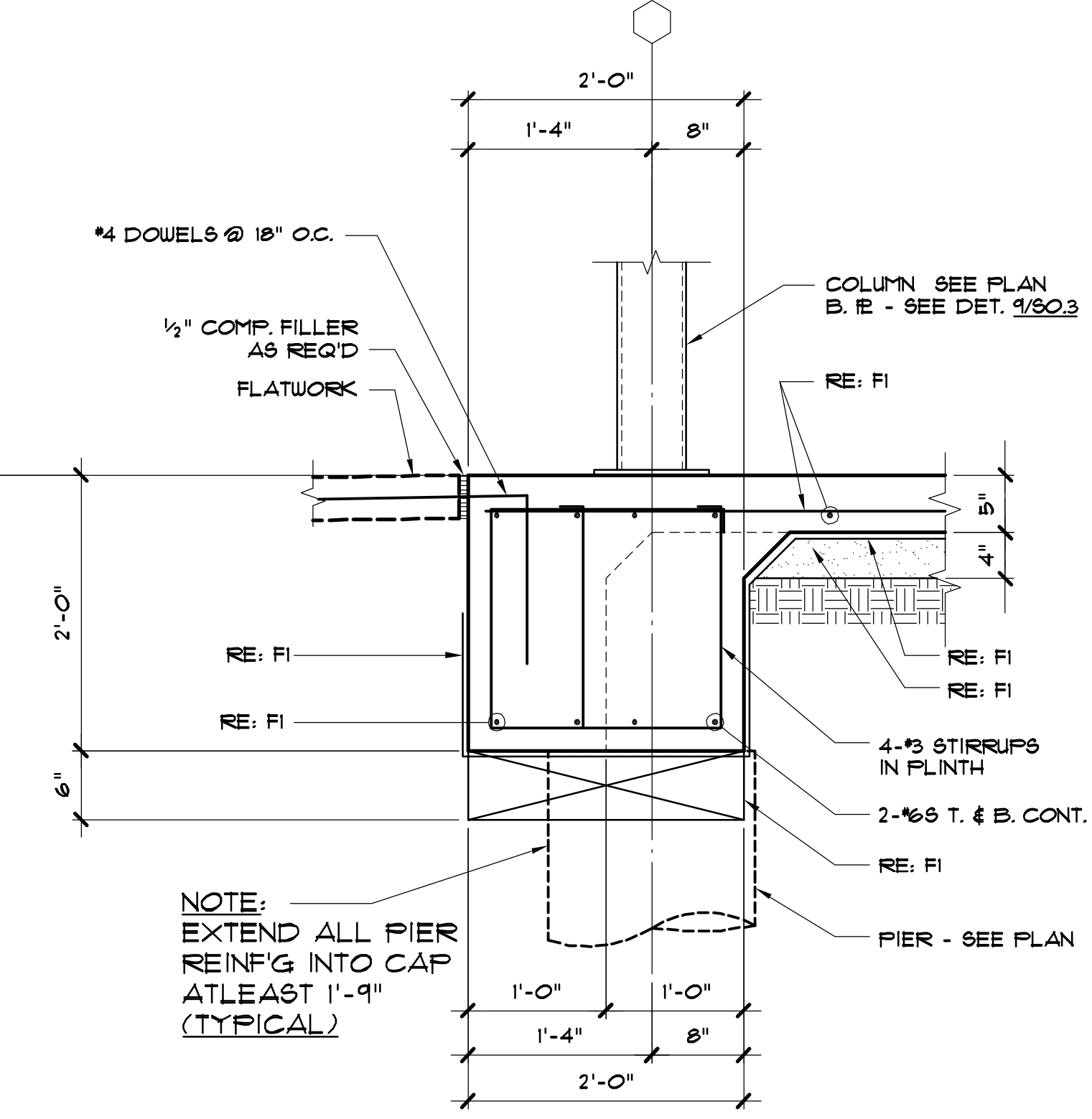
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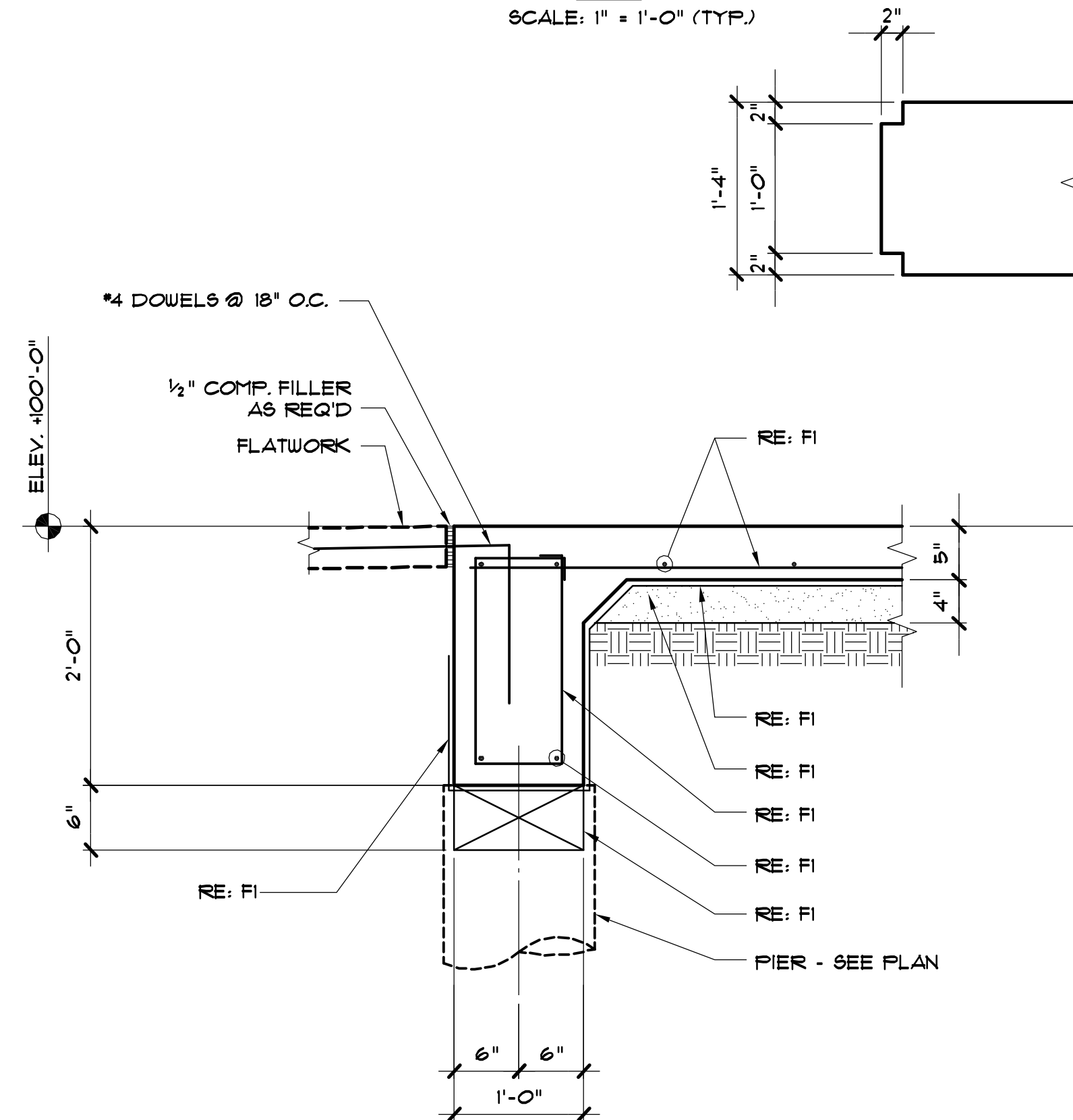
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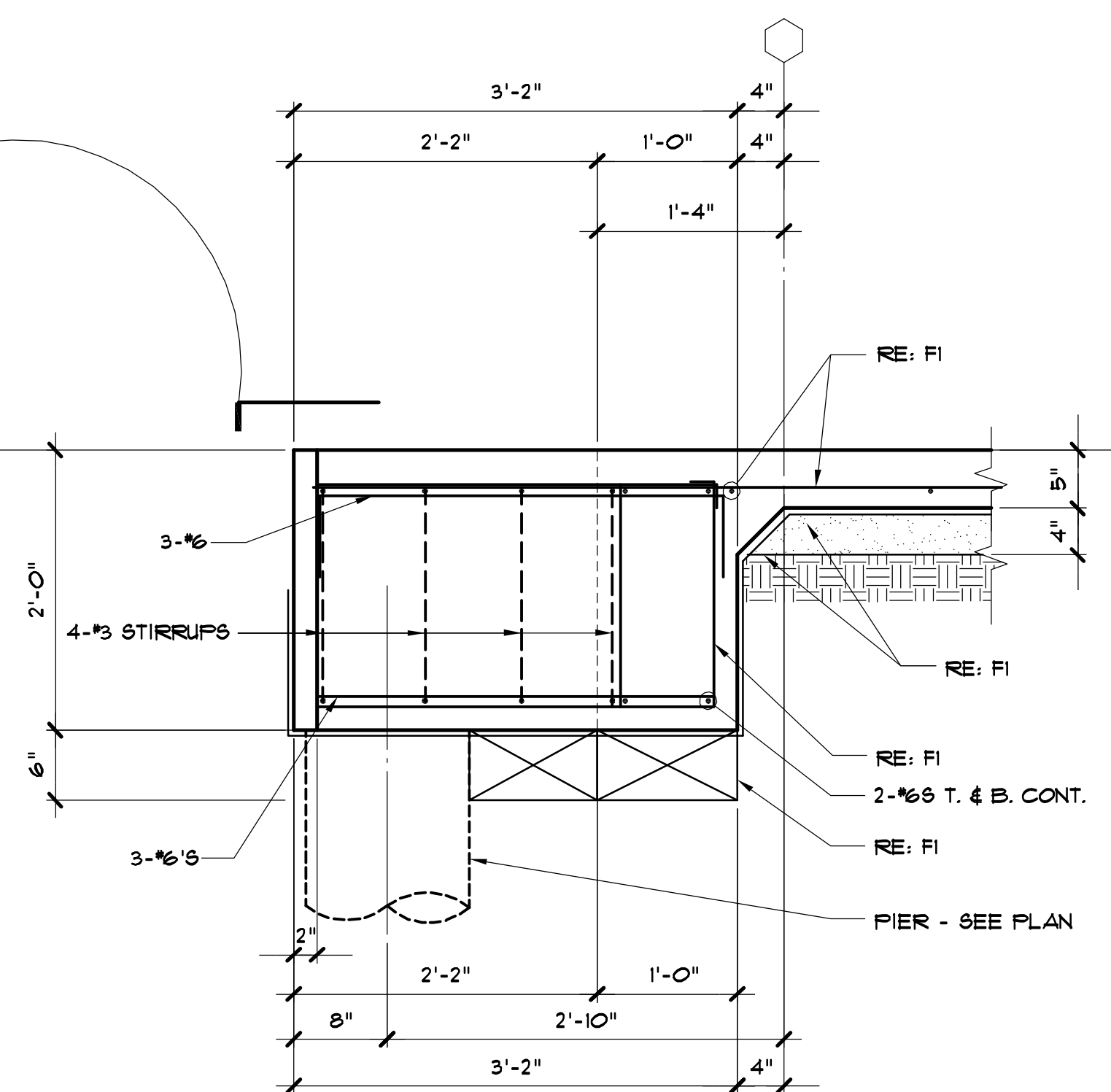
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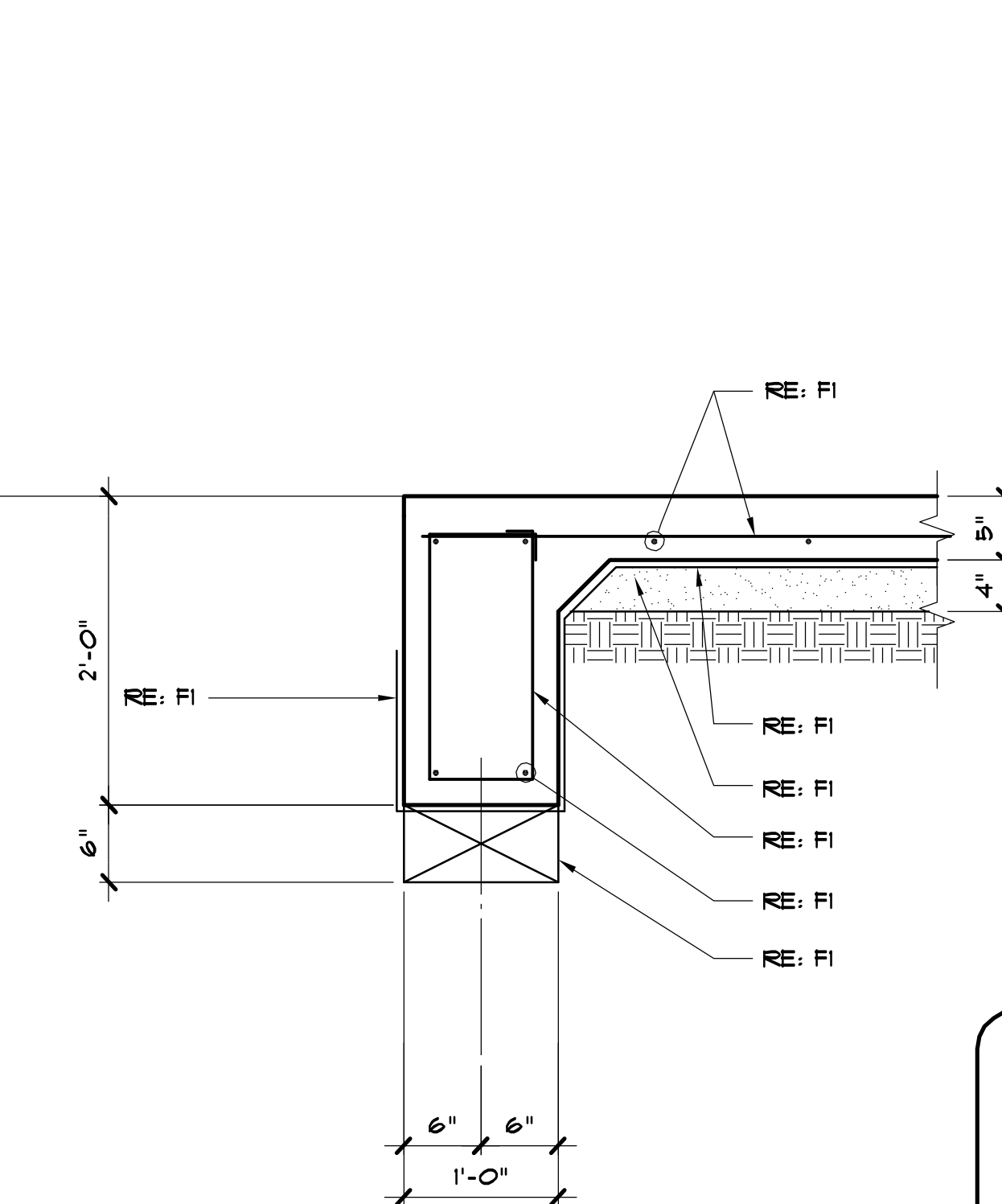
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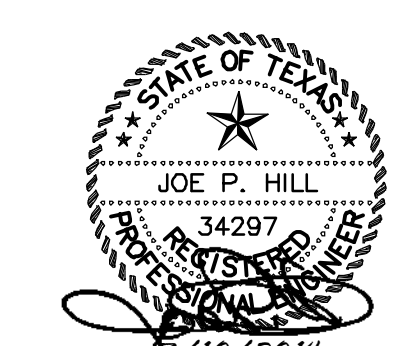
F10



F11



F12



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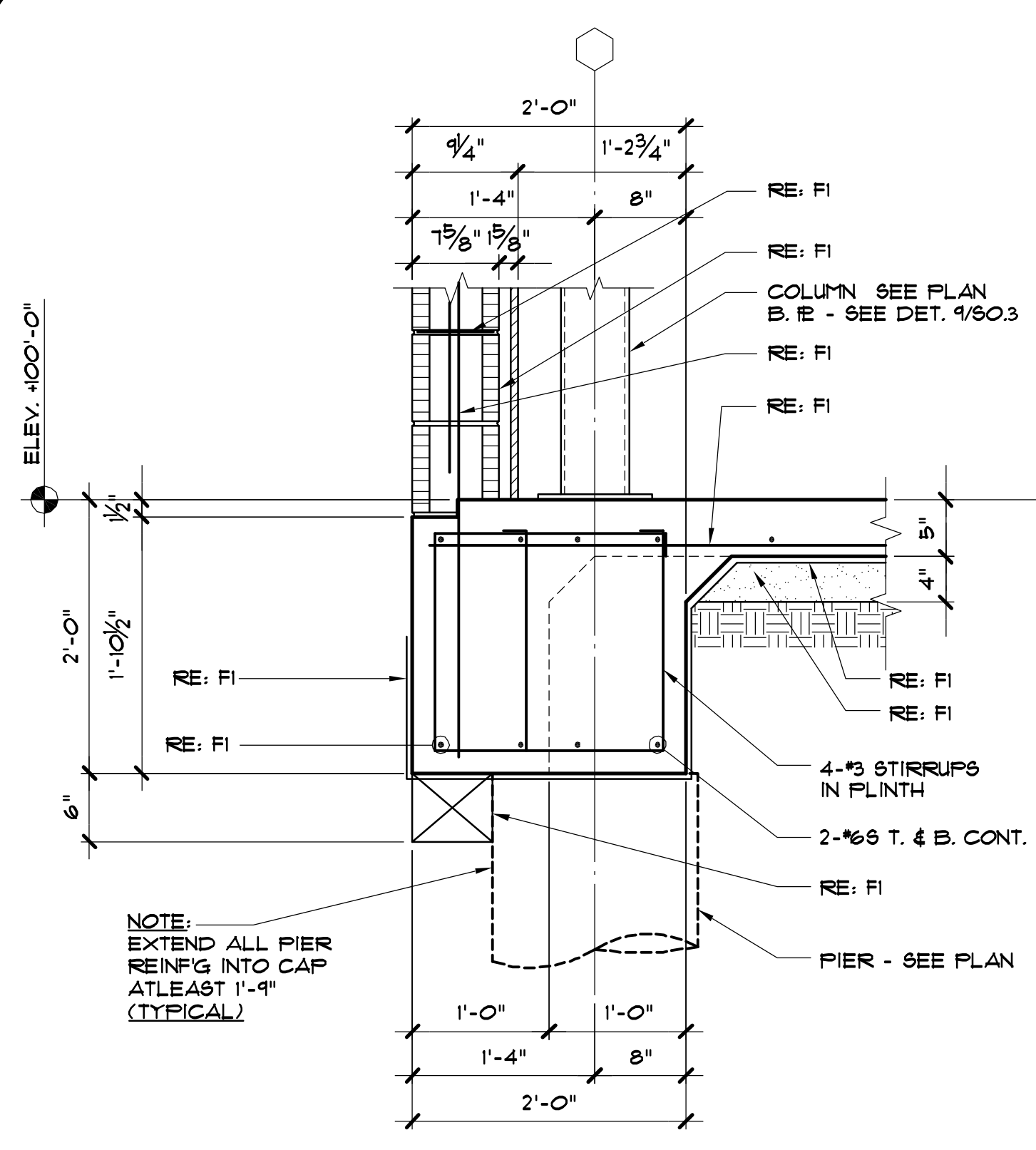
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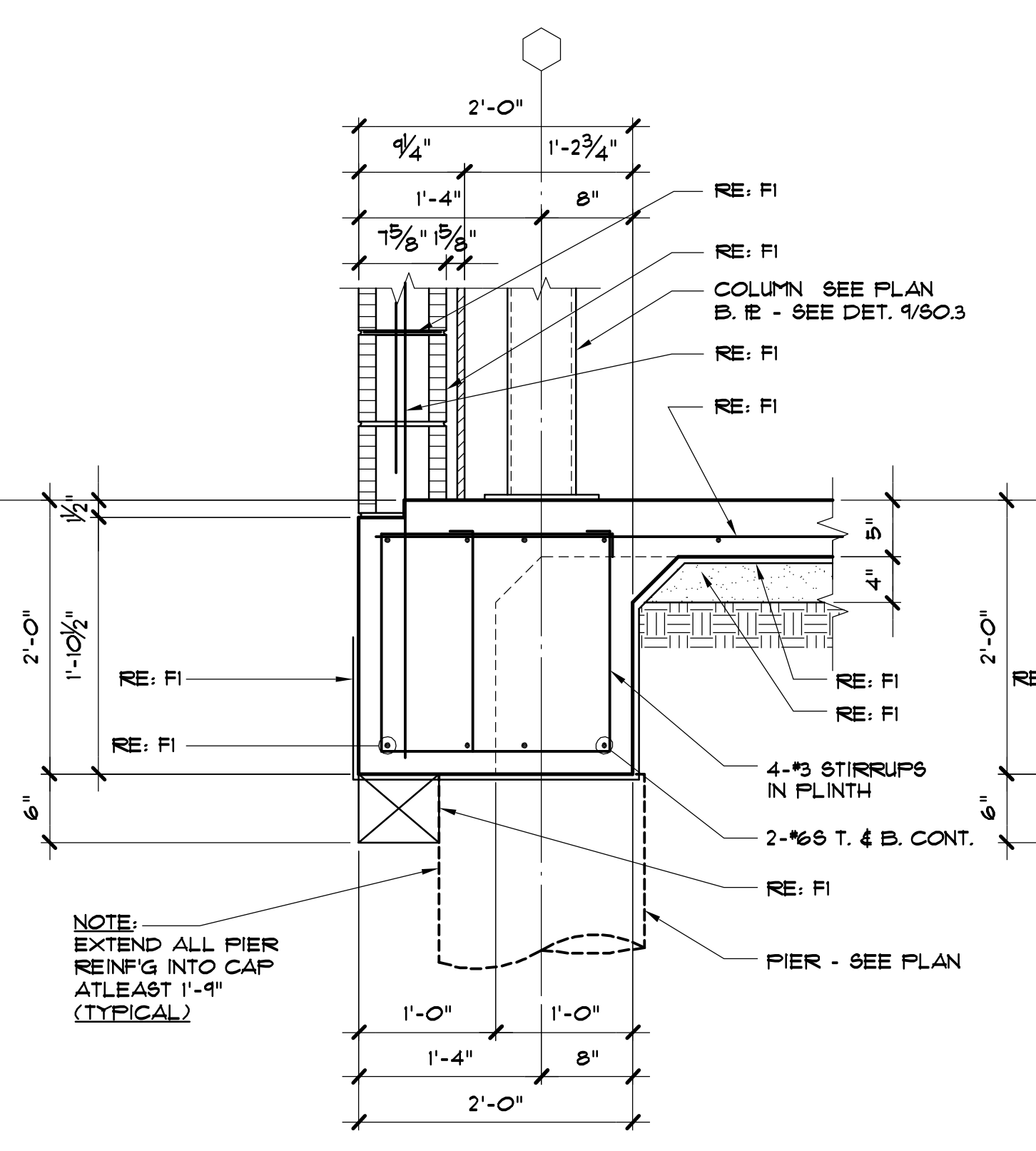
DATE: March 10, 2014
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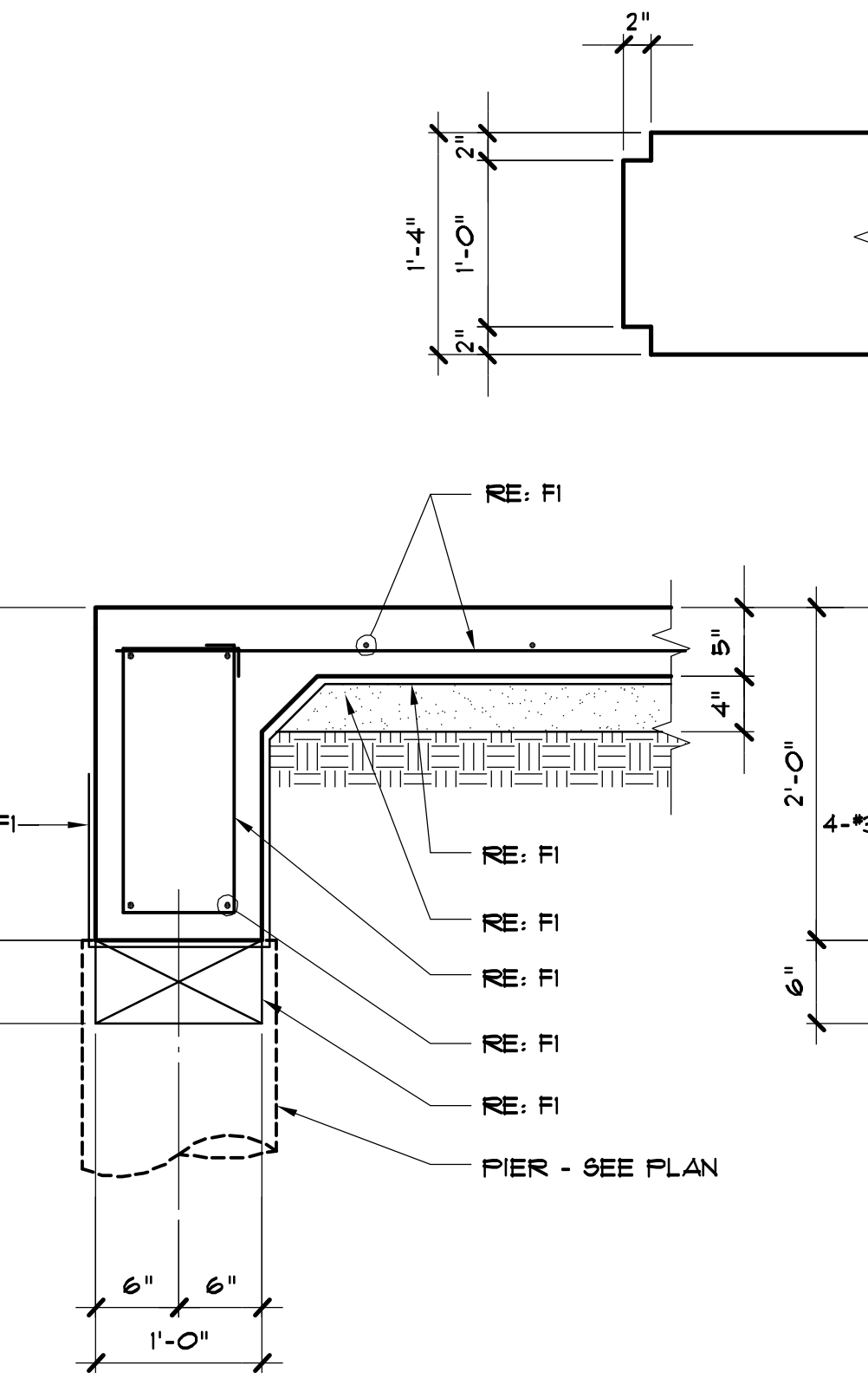
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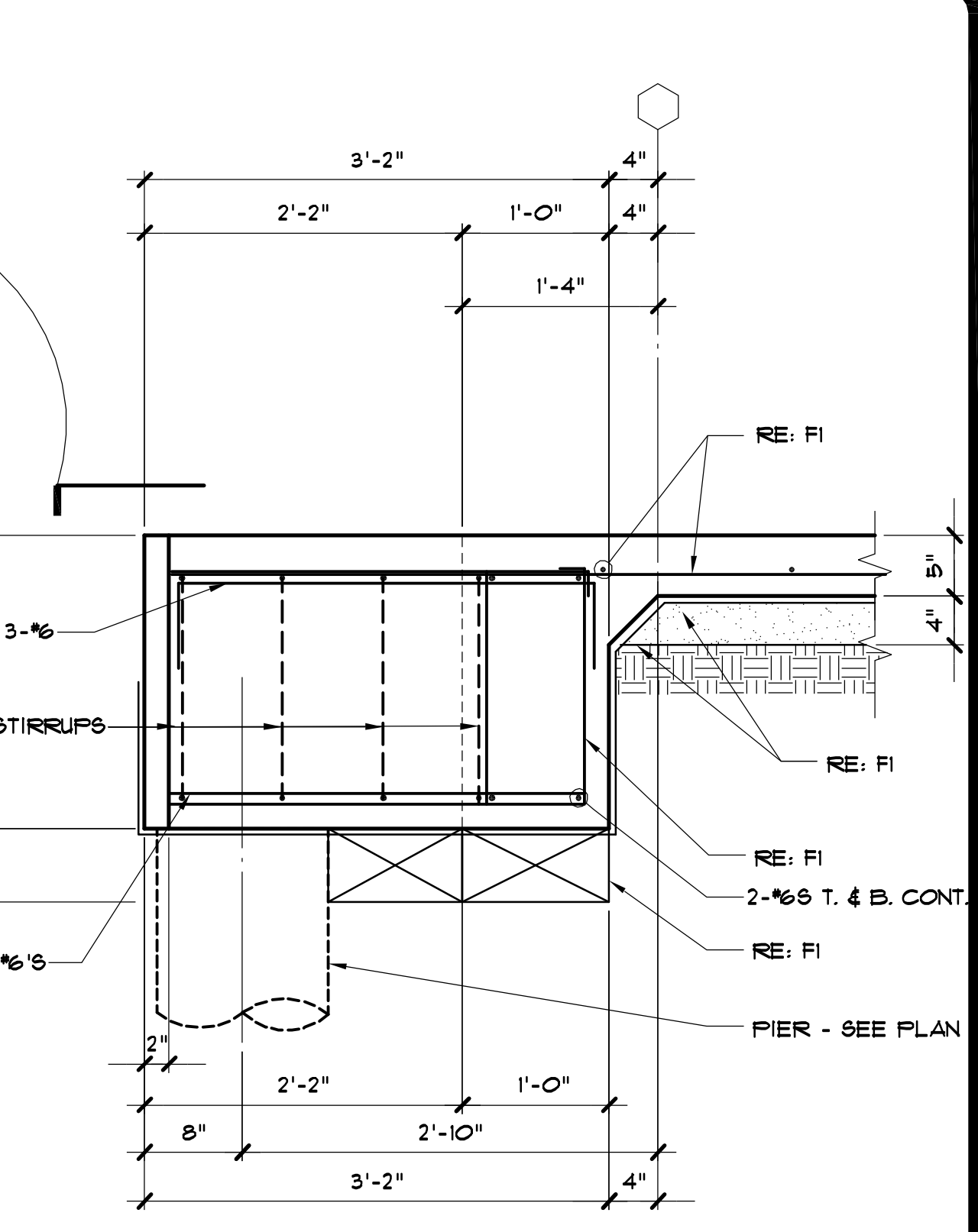
F13
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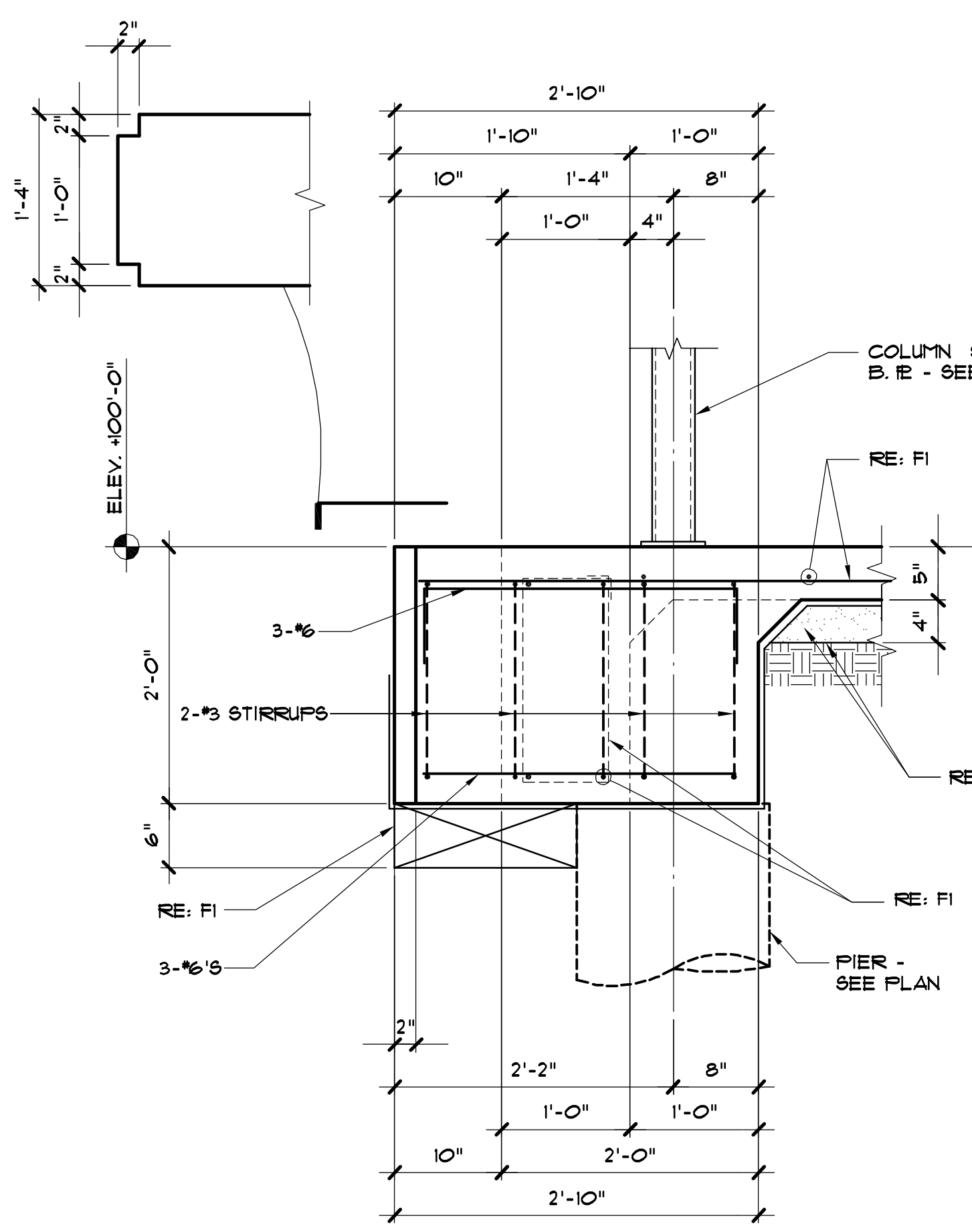
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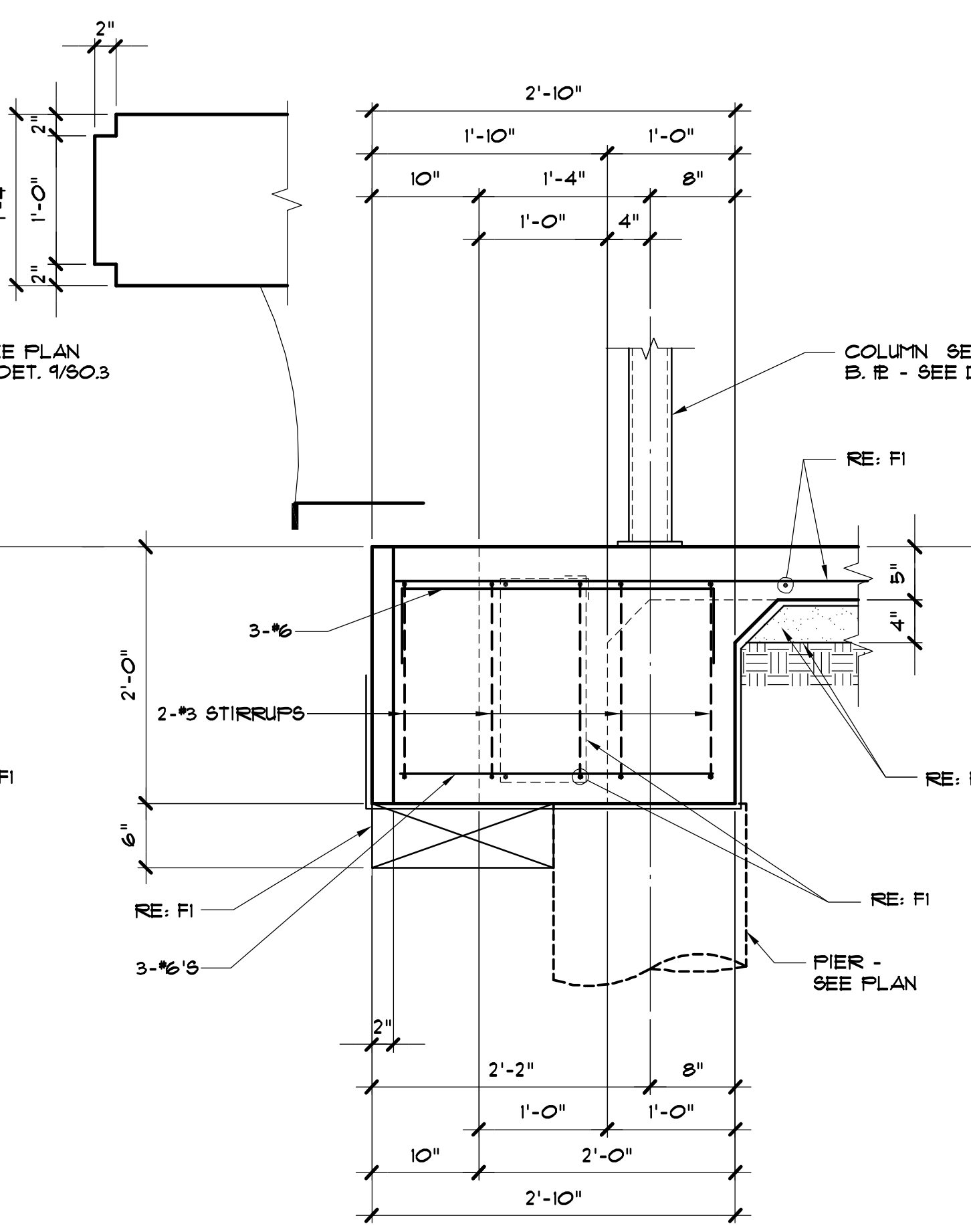
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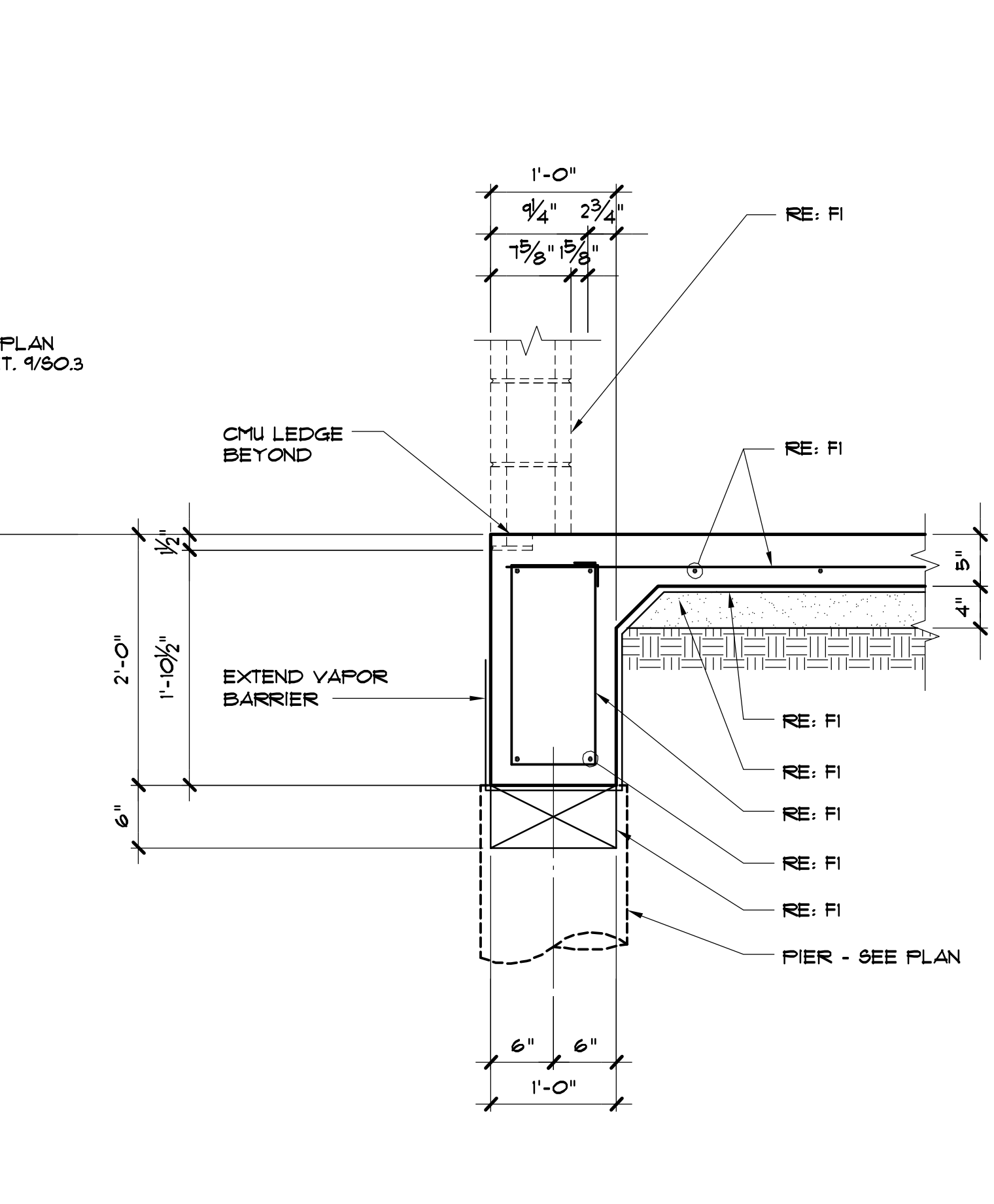
F16



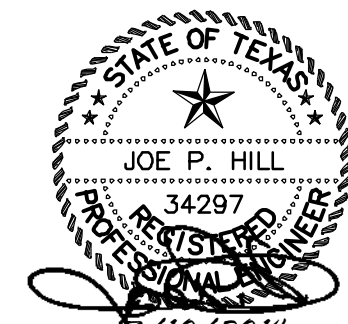
F17



F18



F19



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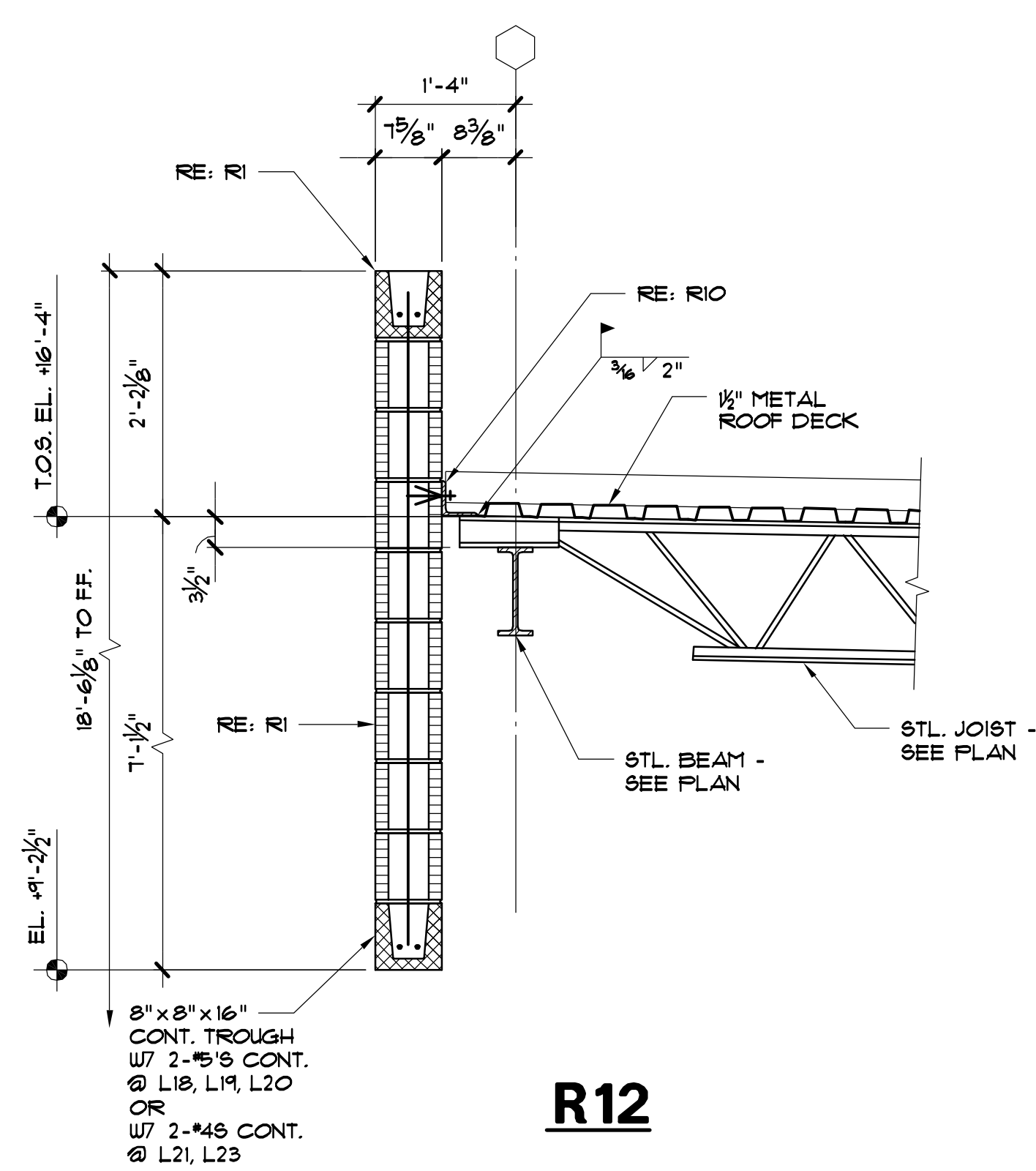
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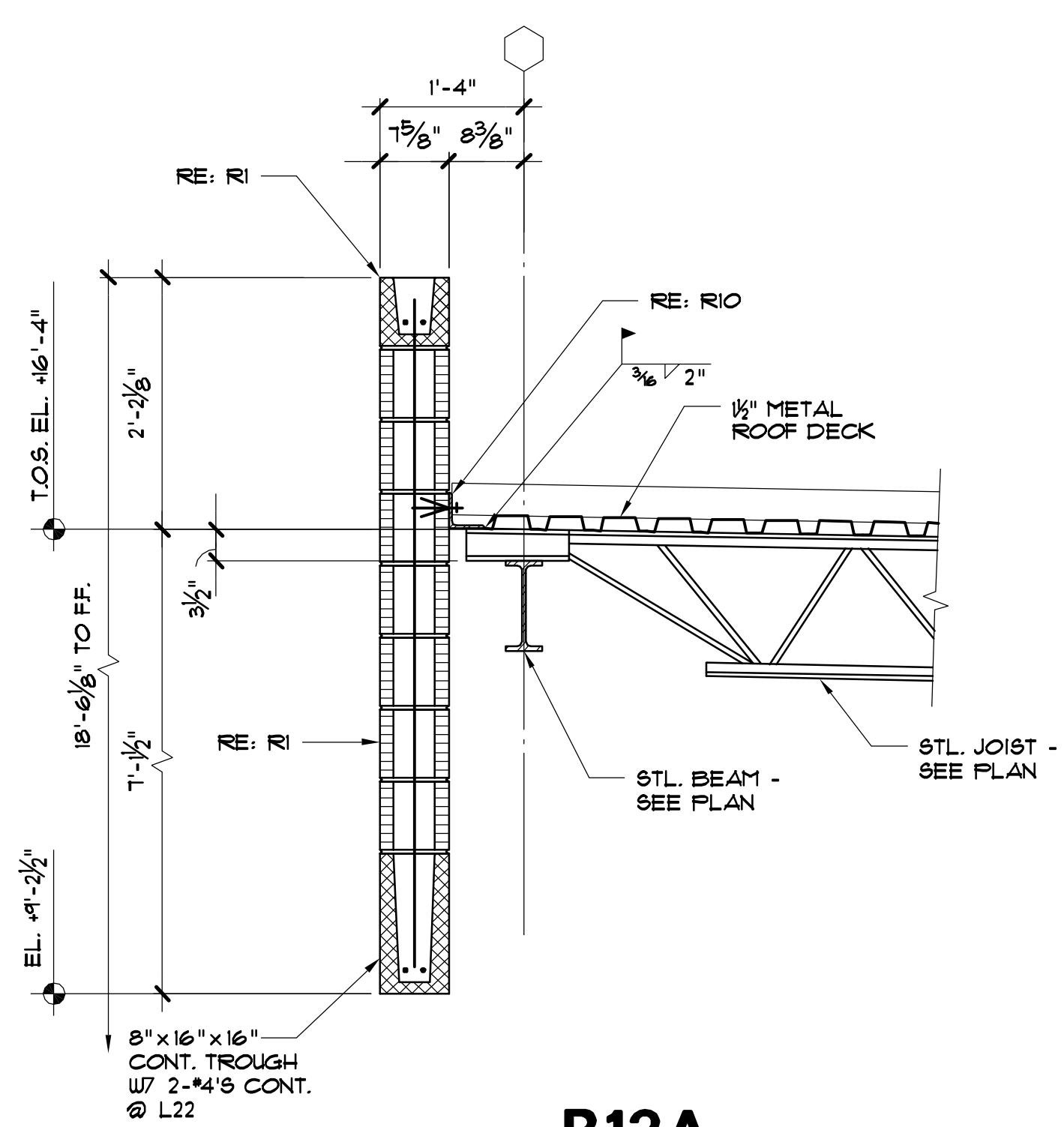
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S3.2

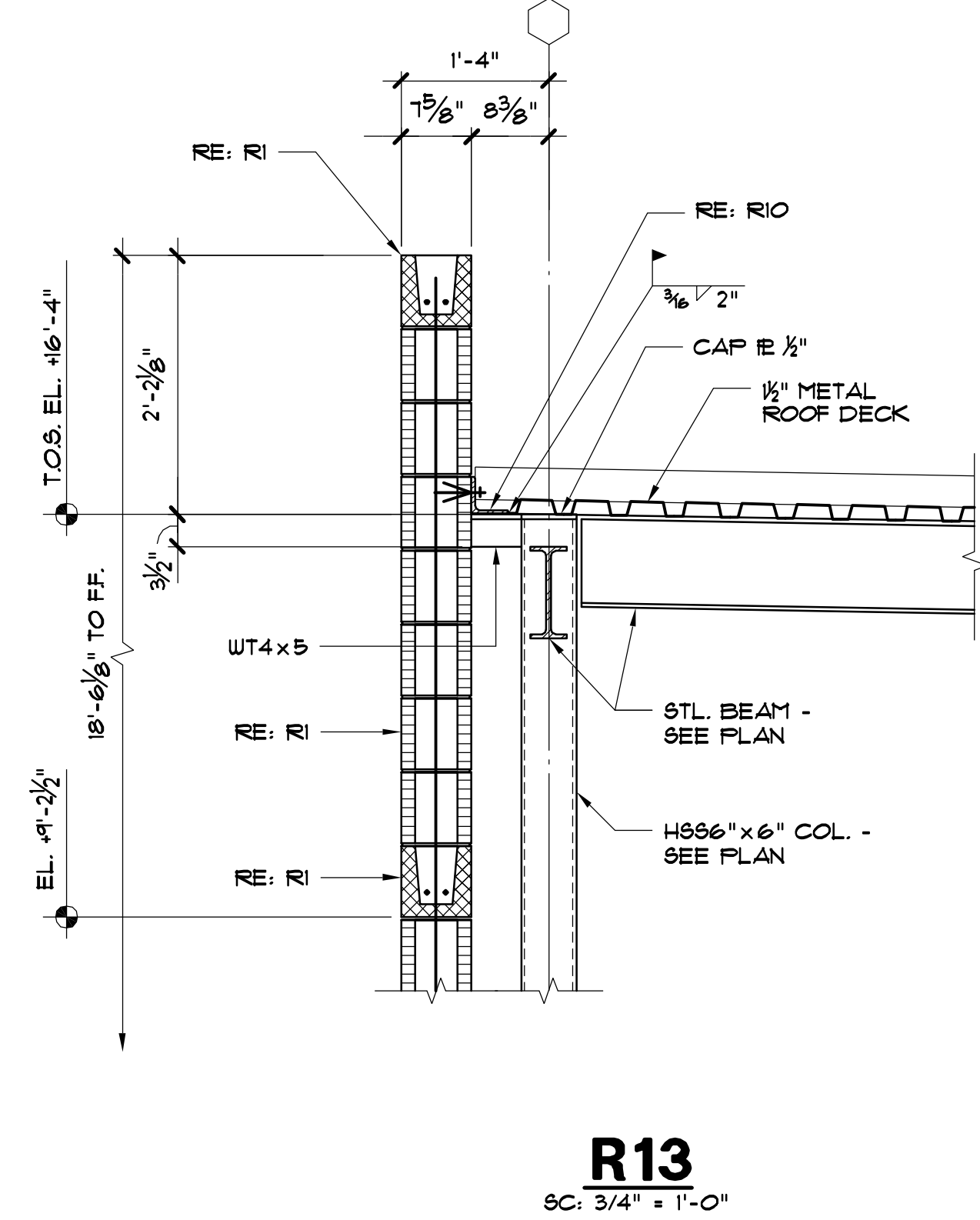
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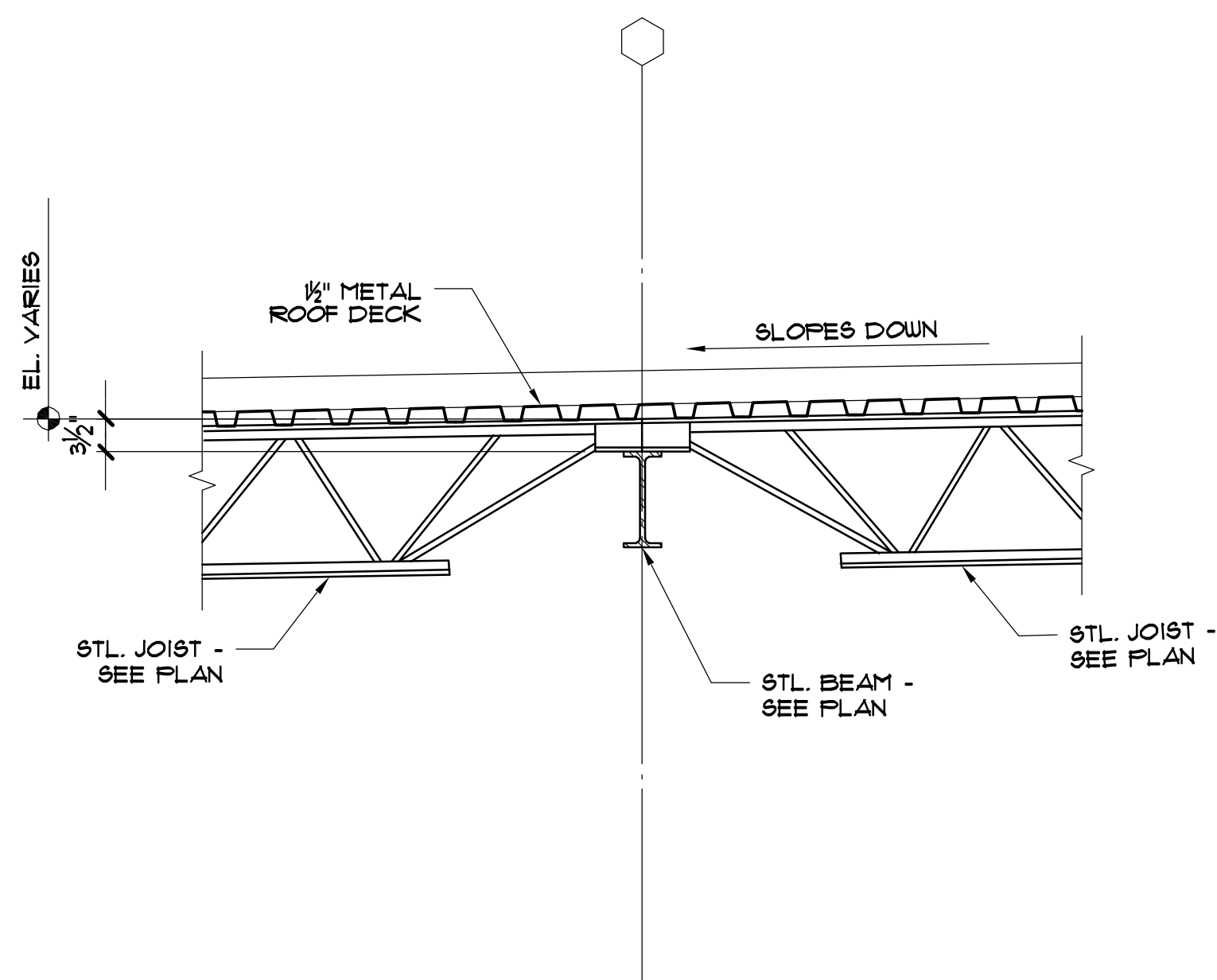
R12



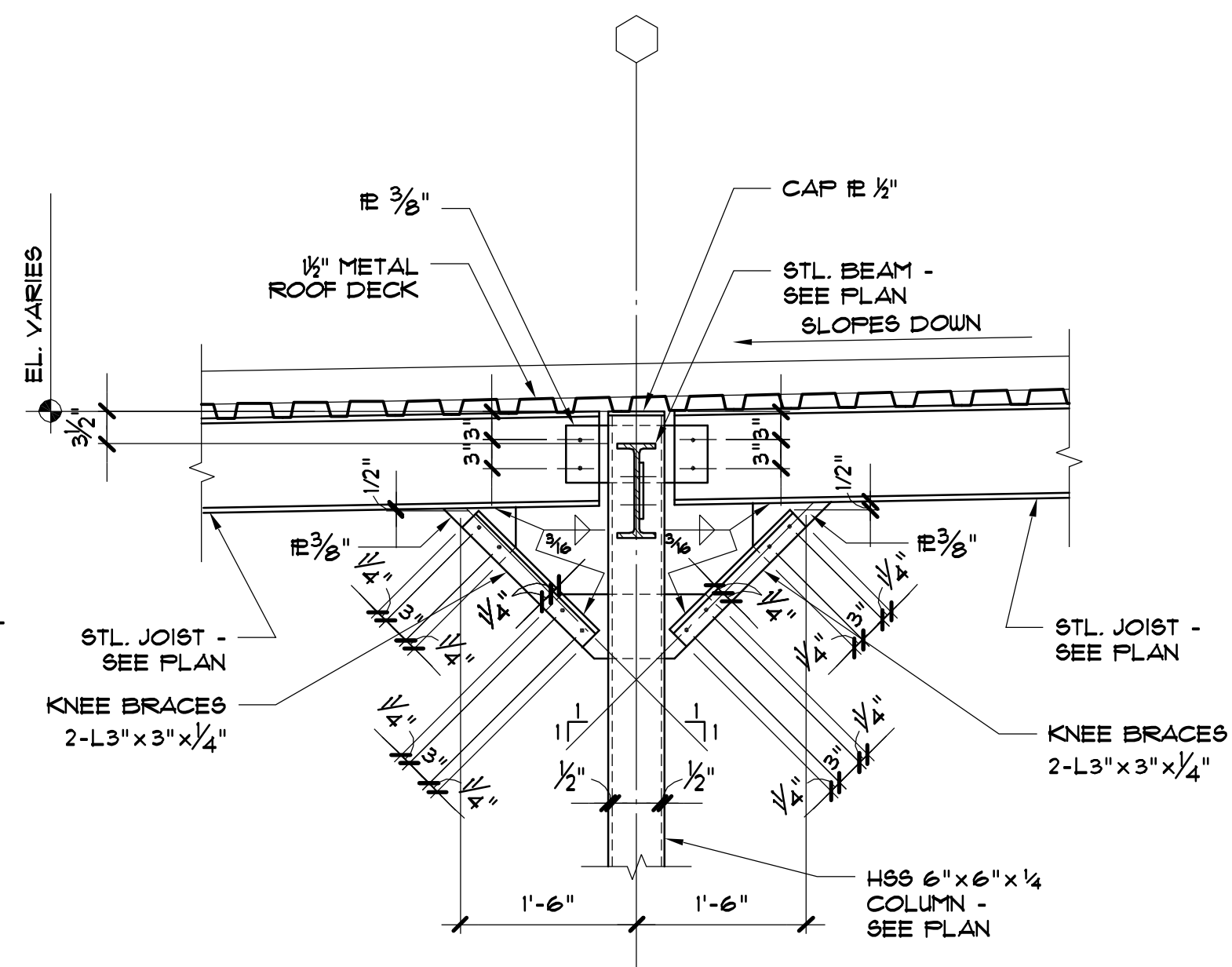
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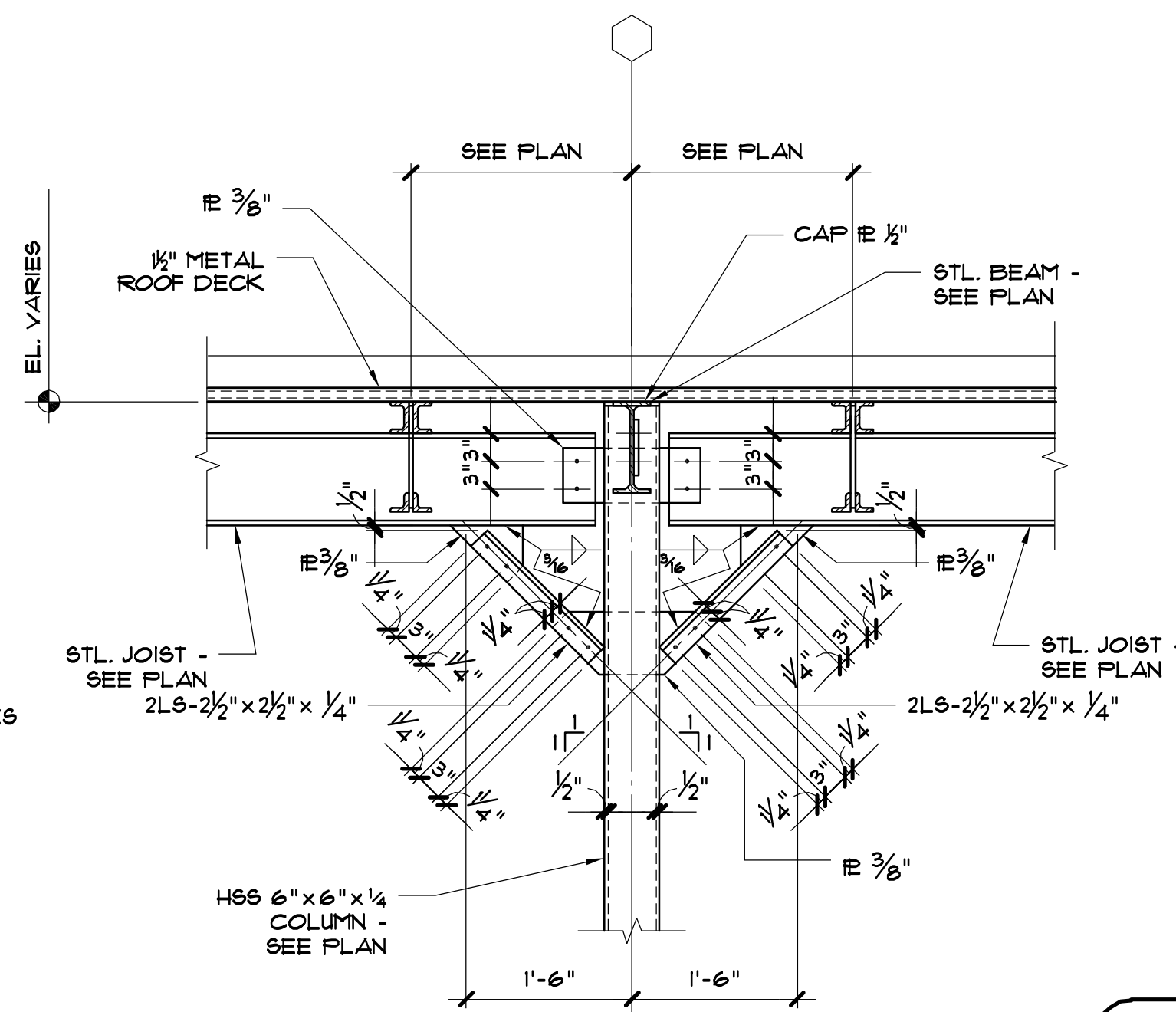
R13
SC: 3/4" = 1'-0"



R14




R15



R16



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 DEPARTMENTS OFFICE BUILDING
 Port Arthur, Texas

ISSUED FOR CONSTRUCTION



Chica & Associates, Inc.
 Texas Registered Engineering Firm F-1062
 505 Orleans, Suite 106
 Ph: (409) 833-4343

DATE: March 10, 2014
 SCALE:
 DRAWN BY: ET AL
 CHECKED BY: WAE
 APPROVED BY: RB/SF

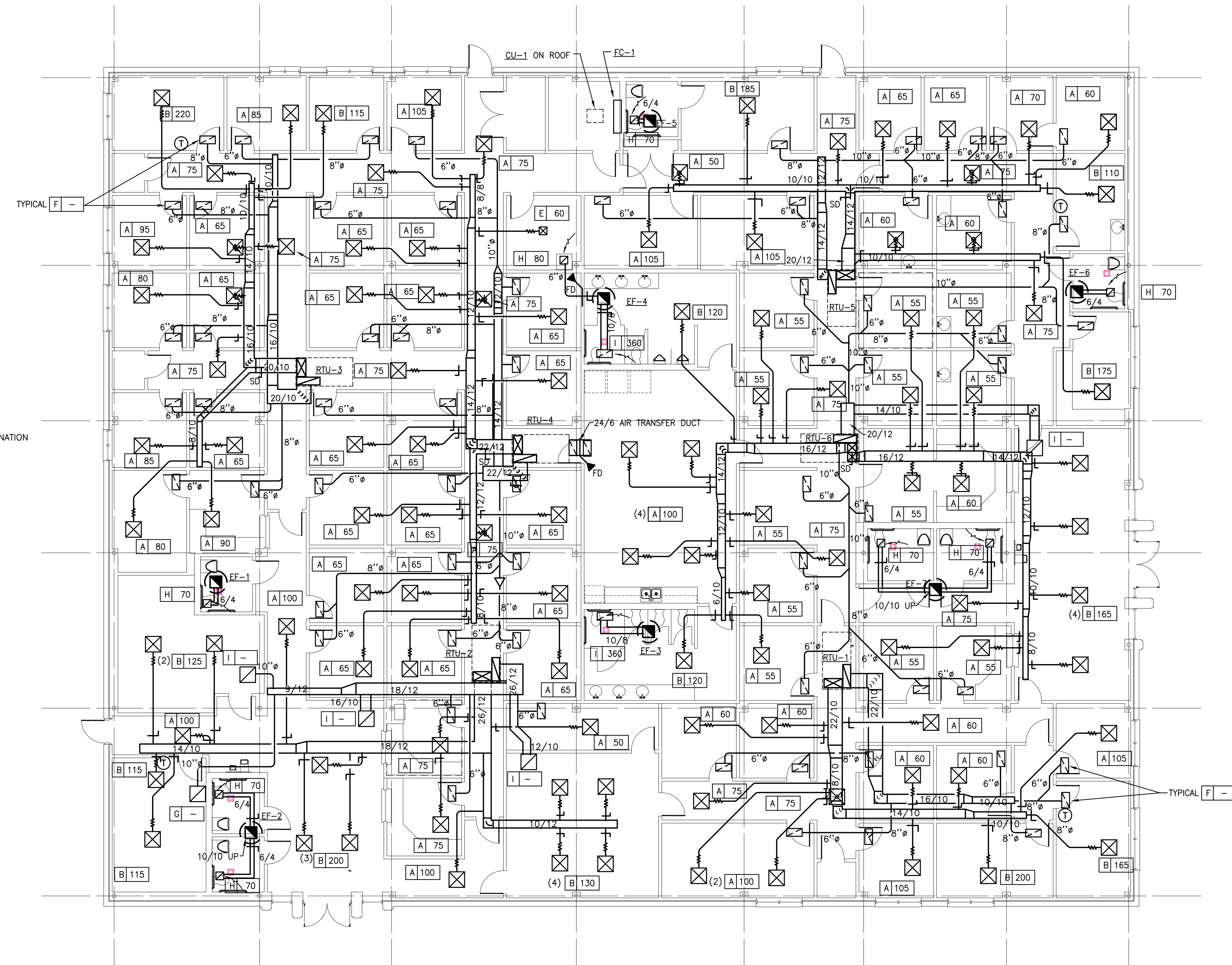
S4.2

GENERAL NOTES:

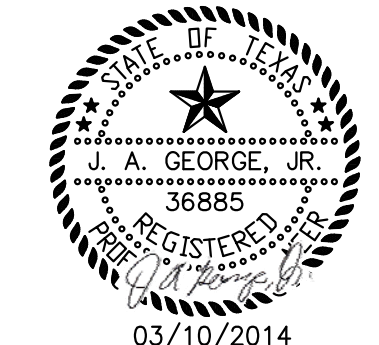
1. RUN OUT DUCT SIZE TO DIFFUSER IS THE SAME SIZE AS DIFFUSER NECK.
2. ALL DUCTS WHICH PENETRATE WALLS GOING TO ROOF SHALL HAVE FIRE DAMPERS.

HVAC LEGEND

- DUCTWORK
- CEILING SUPPLY AIR DIFFUSER WITH FLEXIBLE DUCT CONNECTION
- RETURN OR EXHAUST GRILLE CEILING
- ROUND FLEXIBLE DUCTWORK 5' LENGTH MAXIMUM
- TEMPERATURE SENSOR
- VOLUME DAMPER
- FIRE DAMPER
- MOTORIZED CONTROL DAMPER
- CONDENSATE DRAIN (SEE PLUMBING PLAN)
- DUCT SMOKE DETECTOR
- SUPPLY/RETURN/EXHAUST AIR REGISTER DESIGNATION CONNECTED DUCT SIZE SAME AS DIFFUSER
- SPLITTER DAMPER



1 MECHANICAL FLOOR PLAN
SCALE: 1/8" = 1'-0"



03/10/2014
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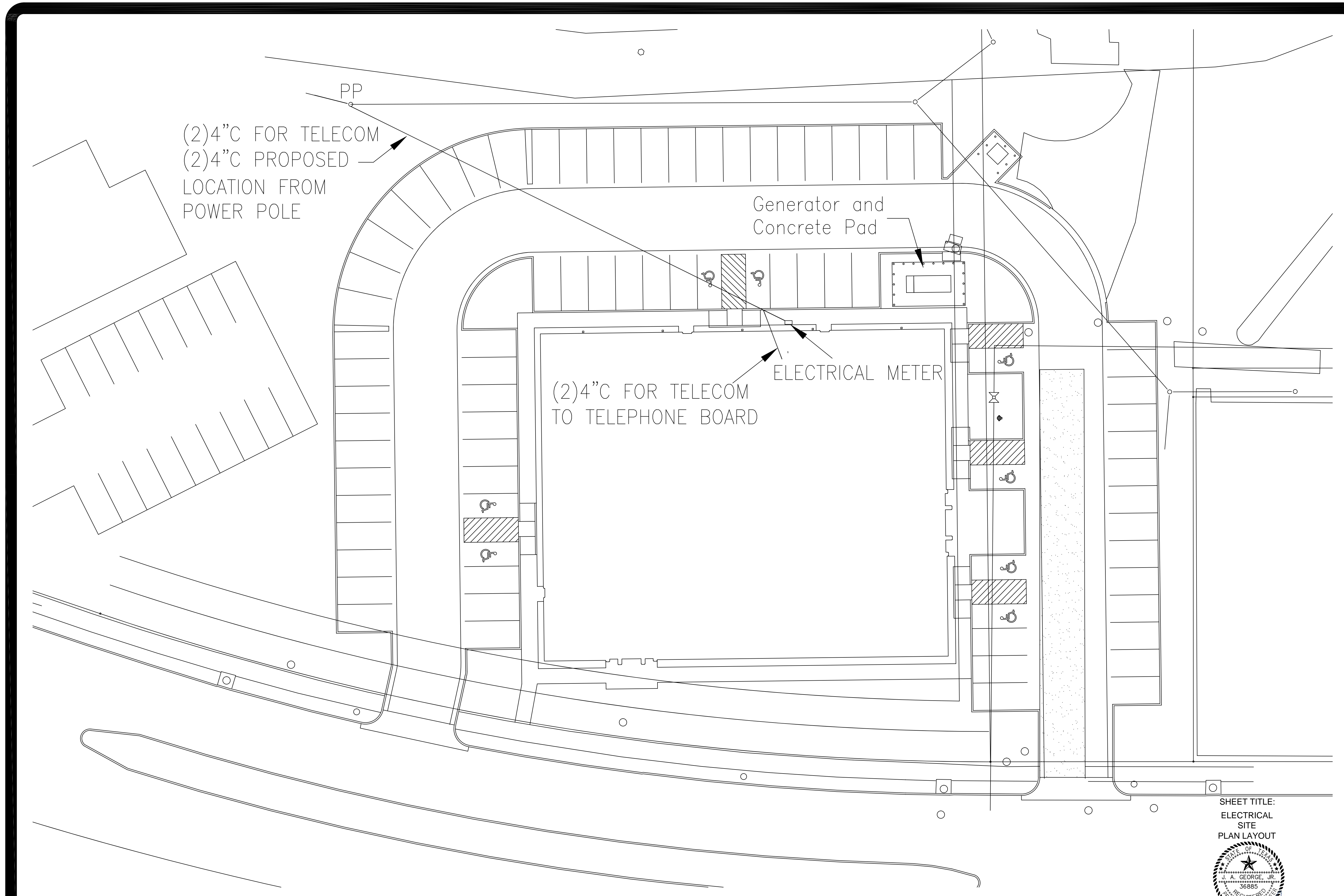
| NO. | ISSUED FOR | DATE |
|-----|--|------|
| | JEFFERSON COUNTY PUBLIC HEALTH AND ADULT PROBATION DEPARTMENT BUILDING Port Arthur, Texas | |
| | ISSUED FOR CONSTRUCTION | |



Chica & Associates, Inc.
Texas Registered Engineering Firm
505 MacArthur Blvd
Port Arthur, TX 77662
Ph: (409) 383-4646
Fax: (409) 383-5338

DATE: March 10, 2014
SCALE: AS NOTED
DRAWN BY: JAG
CHECKED BY: JAG
APPROVED BY: JAG

M1.01



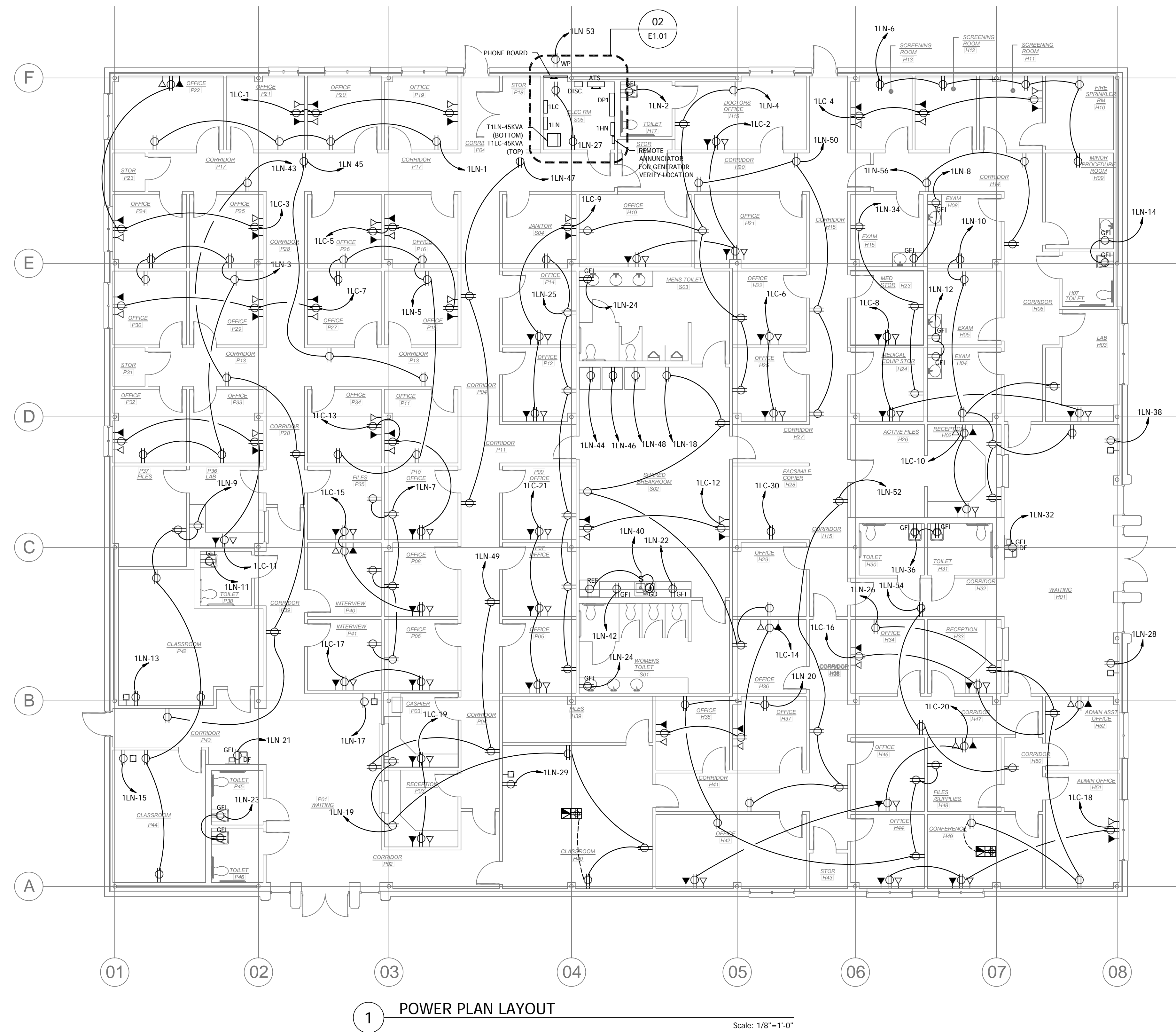
1 SITE PLAN LAYOUT
Scale: 1/16"=1'-0"

SHEET TITLE:
ELECTRICAL
SITE
PLAN LAYOUT



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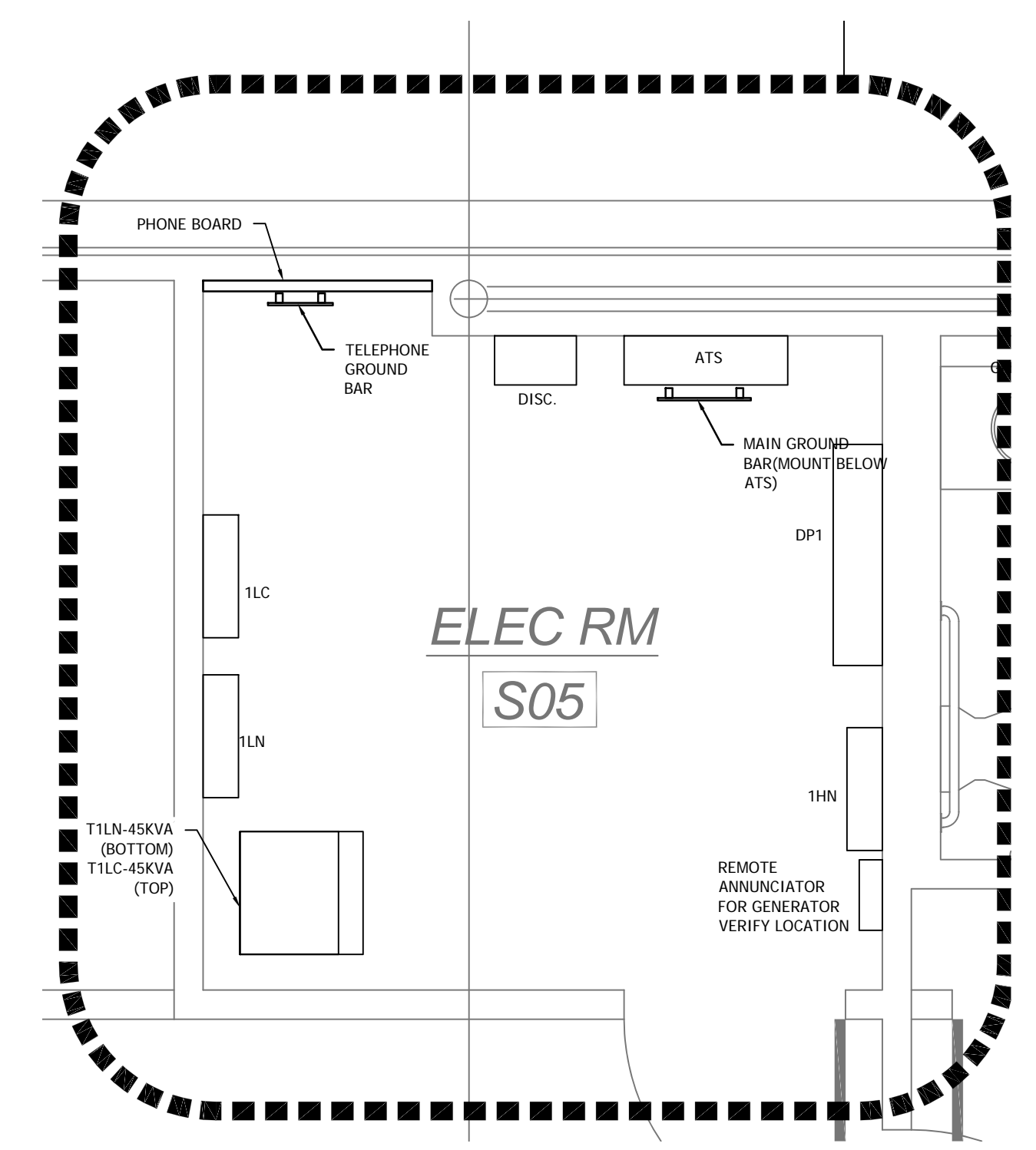
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| | |
| <p>Chica & Associates, Inc. Texas Registered Engineering Firm F-1862 505 Orleans, Suite 106 Beaumont, Texas 77701 Ph.: (409) 833-4343 Fax: (409) 833-6326</p> | |
| DATE: | March 10, 2014 |
| SCALE: | 1/8"=1'-0" |
| DRAWN BY: | CB |
| CHECKED BY: | CB |
| APPROVED BY: | |
| E0.01 | |



1 POWER PLAN LAYOUT
Scale: 1/8"=1'-0"

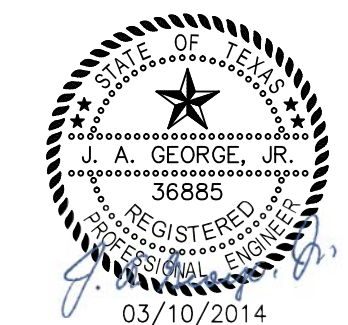
FIRE ALARM SYSTEM
DRAWINGS DO NOT SHOW PLACEMENT OF DEVICES.
FA CONTRACTOR TO PROVIDE ALL HORNS, HORN/STROBES, PULL STATIONS, SMOKE DETECTOR, MONITORING OF DUCT SMOKE DETECTORS, AND MONITORING FLOW AND TAMPER SWITCHES, EXTERIOR BELL FOR SPRINKLER SYSTEM, AUTO DIALER, REMOTE ANNUNCIATOR AND ALL DEVICES AS REQUIRED TO MEET STATE AND LOCAL CODE.
WIRING TO BE RAN IN PLENUM CABLING.
ELECTRICAL CONTRACTOR TO PROVIDE A STUB UP TO CEILING SPACE AND OR BAR JOIST.
WIRING TO BE CLASS A FOR INITIATIONS AND INDICATION DEVICES.
SYSTEM TO BE DESIGNED TO MEET ALL REQUIREMENT OF NFPA, ADA, NEC, AND STATE AND LOCAL CODES. SYSTEM TO BE DESIGNED BY A CERTIFIED DESIGNER OF THE STATE OF TEXAS.

POWER PLAN
PROVIDED DEDICATED NEUTRALS TO ALL IG DEVICES SUCH AS COMPUTER, COPIER, PROJECTOR, AV AND IT CIRCUITS.
PROVIDED DEDICATED NEUTRALS TO ALL BRANCH CIRCUITS.
PROVIDE J-BOX WITH 3/4" STUB UP AT ALL LOW VOLTAGE AND FIRE ALARM OUTLET BOXES. AT LAY IN CEILING STUB TO ABOVE CEILING AT EXPOSED ROOMS STUB TO BAR JOIST.
PROVIDE 120V POWER TO FIRE ALARM AND SECURITY PANELS.
PROVIDE GFI RECEPTACLES WITH IN 6 FT. OF SINK AND AT KITCHEN PREP.



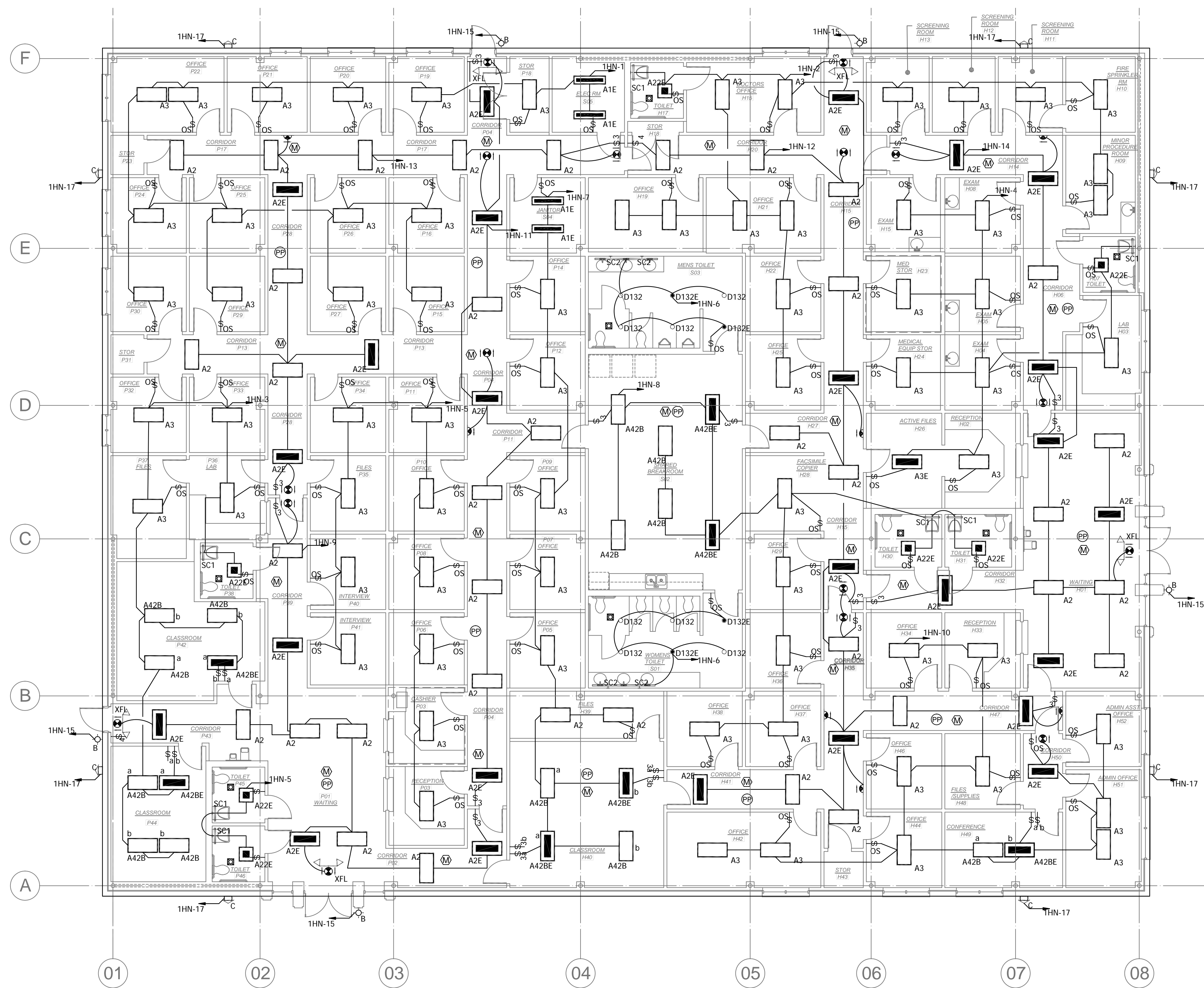
2 ENLARGED ELECTRICAL ROOM LAYOUT
Scale: 1/2"=1'-0"

SHEET TITLE:
ELECTRICAL POWER FLOOR
PLAN LAYOUT



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| Chica & Associates, Inc. Texas Registered Engineering Firm 505 Ohiens, Suite 106 Ph.: (409) 833-4343 F-1082 Beaumont, Texas 77701 Fax: (409) 833-8326 | |
| DATE: | March 10, 2014 |
| SCALE: | 1/8"=1'-0" |
| DRAWN BY: | CB |
| CHECKED BY: | CB |
| APPROVED BY: | |
| E1.01 | |



1 LIGHTING PLAN LAYOUT
Scale: 1/8"=1'-0"

| SYMBOL | DESCRIPTION |
|----------|--|
| [Symbol] | 2x4 2 Lamp Acrylic Fixture with 1 Ballast |
| [Symbol] | 2x4 2 Lamp Acrylic Fixture with 1 Ballast (Will be Nightlight) |
| [Symbol] | 2x4 3 Lamp Acrylic Fixture with 1 Ballast |
| [Symbol] | 2x4 3 Lamp Acrylic Fixture with 1 Ballast and Battery Pack |
| [Symbol] | 2x4 4 Lamp Acrylic Fixture with 2 Ballast |
| [Symbol] | 2x4 4 Lamp Acrylic Fixture with 2 Ballast and Battery Pack |
| [Symbol] | 4' 2 Lamp Strip |
| [Symbol] | 2x2 2 Lamp Acrylic Fixture with 1 Ballast and Battery Pack |
| [Symbol] | Downlight |
| [Symbol] | Downlight with Battery Pack |
| [Symbol] | Exterior Sconce With Medium Throw Lighting |
| [Symbol] | Exterior Sconce With Wide Throw Lighting |
| [Symbol] | 2FT Wall Mounted Fixture |
| [Symbol] | 4FT Wall Mounted Fixture |
| [Symbol] | Exit Light |
| [Symbol] | Exit Light with Battery Pack/Lights |
| [Symbol] | Occupancy Sensor Wall Switch |
| [Symbol] | 3 Way Switch |
| [Symbol] | 4 Way Switch |
| [Symbol] | Motion Ceiling Mounted Occupancy Sensor |
| [Symbol] | Power Pack for Occupancy Sensor |

| Type | Description | Manufacturer or Brand | Catalog Number | Qty of Lamp | Lamp Wattage | Lamp Color | Voltage | Comment |
|-------|--|-----------------------|--------------------------------|-------------|--------------|------------|---------|--------------|
| A1 | 2x4 2 Lamp Strip | ABB Lighting | LC133M001-00000 | 2 | 250 | White | 120 | Incandescent |
| A2 | 2x4 2 Lamp Acrylic Fixture with 1 Ballast | ABB Lighting | DPF62 2 Pin A-135-000000-00000 | 2 | 250 | White | 120 | Incandescent |
| A3 | 2x4 3 Lamp Acrylic Fixture with 1 Ballast | ABB Lighting | DPF62 3 Pin A-135-000000-00000 | 3 | 250 | White | 120 | Incandescent |
| A42B | 2x4 4 Lamp Acrylic Fixture with 2 Ballast | ABB Lighting | DPF62 4 Pin A-135-000000-00000 | 4 | 250 | White | 120 | Incandescent |
| A42BE | 2x4 4 Lamp Acrylic Fixture with 2 Ballast and Battery Pack | ABB Lighting | DPF62 4 Pin A-135-000000-00000 | 4 | 250 | White | 120 | Incandescent |
| D132 | Downlight | ABB Lighting | DPF62 2 Pin A-135-000000-00000 | 1 | 250 | White | 120 | Incandescent |
| D132E | Downlight with Battery Pack | ABB Lighting | DPF62 2 Pin A-135-000000-00000 | 1 | 250 | White | 120 | Incandescent |
| OS | Occupancy Sensor Wall Switch | ABB Lighting | DPF62 2 Pin A-135-000000-00000 | 1 | 250 | White | 120 | Incandescent |
| S3 | 3 Way Switch | ABB Lighting | DPF62 2 Pin A-135-000000-00000 | 1 | 250 | White | 120 | Incandescent |
| S4 | 4 Way Switch | ABB Lighting | DPF62 2 Pin A-135-000000-00000 | 1 | 250 | White | 120 | Incandescent |
| M | Motion Ceiling Mounted Occupancy Sensor | ABB Lighting | DPF62 2 Pin A-135-000000-00000 | 1 | 250 | White | 120 | Incandescent |
| PP | Power Pack for Occupancy Sensor | ABB Lighting | DPF62 2 Pin A-135-000000-00000 | 1 | 250 | White | 120 | Incandescent |

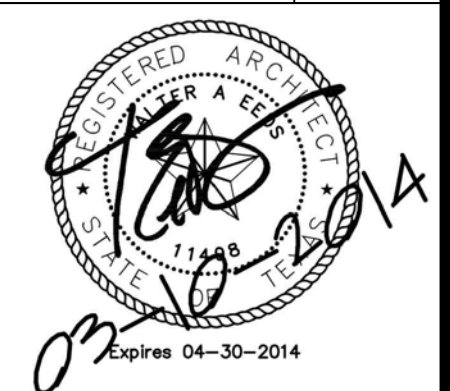
SHEET TITLE:
ELECTRICAL
LIGHTING FLOOR
PLAN LAYOUT



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| DATE | ISSUED FOR CONSTRUCTION | NO. |
|----------|-------------------------|-----|
| 03/10/14 | | 1 |

JEFFERSON COUNTY
PUBLIC HEALTH AND ADULT PROBATION
DEPARTMENTS OFFICE BUILDING
Port Arthur, Texas
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505 Orleans, Suite 106
Ph.: (409) 633-4343

DATE: March 10, 2014
SCALE: 1/8"=1'-0"
DRAWN BY: CB
CHECKED BY: CB
APPROVED BY:

E2.01

COMcheck Software Version 3.9.2
Interior Lighting Compliance Certificate

2006 IECC

Section 1: Project Information

Project Type: **New Construction**
 Project Title: **Port Arthur Public Health and Probation Building**
 Construction Site: **Jefferson County, Port Arthur, TX**
 Owner/Agent: **Don George, George McKenna Electric, 2318 East Graywater Irving, TX 75061, 972-721-1950, don.george@georgemckenna.com**
 Designer/Contractor: **Don George, George McKenna Electric, 2318 East Graywater Irving, TX 75061, 972-721-1950, don.george@georgemckenna.com**

Section 2: Interior Lighting and Power Calculation

| Area Category | A | B | C | D | E |
|--------------------------------|----------------------|-------------------|--------------------|----------------|-------|
| | Floor Area (sq. ft.) | Allowed Watts (W) | Proposed Watts (W) | Complies (Y/N) | Notes |
| Probation Office (Office) | 1321 | 1 | 1321 | | |
| Exam Rooms (Healthcare Clinic) | 1179 | 1 | 1179 | | |
| Total Allowed Watts = | | 1400 | | | |

Section 3: Interior Lighting Fixture Schedule

| Fixture ID | Description / Lamp / Wattage Per Lamp / Ballast | A | B | C | D | E |
|---|--|----------------------|----------|---------------|--------------|---------|
| | | Floor Area (sq. ft.) | Lamp Qty | # of Fixtures | Watt | (C X D) |
| Probation Office (Office 1321 sq. ft.) | | | | | | |
| Linear Fluorescent 1 | A22: 2x2 2Lamp-1 Ballast-Acrylic Fix. 24" T8 17W. Electronic | 2 | 7 | 34 | 238 | |
| Linear Fluorescent 2 | A2: 2x4 2Lamp-1 Ballast-Acrylic Fix. Other: Electronic | 2 | 62 | 56 | 3472 | |
| Linear Fluorescent 3 | A3: 2x4 3Lamp-1 Ballast-Acrylic Fix. Other: Electronic | 3 | 71 | 84 | 5964 | |
| Linear Fluorescent 4 | A42B: 2x4 4Lamp-2 Ballast-Acrylic Fix. Other: Electronic | 4 | 18 | 112 | 2016 | |
| Compact Fluorescent 1 | D132: Recessed Downlight, Triple 4-pin 32W. Electronic | 1 | 12 | 32 | 384 | |
| Linear Fluorescent 5 | A1: 4F7 2Lamp Strip, 48" T8 32W. Electronic | 2 | 4 | 64 | 384 | |
| Linear Fluorescent 7 | SC2: 48" Wall Fixture, 24" T8 17W. Electronic | 2 | 4 | 56 | 224 | |
| Linear Fluorescent 8 | SC1: 24" Wall Fixture, 24" T8 17W. Electronic | 1 | 7 | 32 | 224 | |
| Exam Rooms (Healthcare Clinic 1179 sq. ft.) | | | | | | |
| Linear Fluorescent 9 | A3: 2x4 3Lamp-1 Ballast-Acrylic Fix. Other: Electronic | 3 | 16 | 84 | 1344 | |
| Total Proposed Watts = | | | | | 14122 | |

Section 4: Requirements Checklist

Interior Lighting **PASSES** Design 2% better than code.

Lighting Wattage:
 1. Total proposed watts must be less than or equal to total allowed watts.
 Allowed Watts: 1400 Proposed Watts: 14122 Complies: YES

Controls, Switching, and Wiring:
 Complies: YES

Project Title: Port Arthur Public Health and Probation Building Report date: 01/13/14
 Data Reference: J101 - Current Active Projects/ASD Port Arthur Health Clinic-6 - Schedule/Port Arthur Com Check.csk Page 1 of 4

- 2. Independent controls for each space (switch/occupancy sensor).
 Exceptions:
 Areas designated as security or emergency areas that must be continuously illuminated.
 Lighting in stairways or corridors that are illuminated by the means of egress.
- 3. Master switch at entry to basement/garage room.
- 4. Individual dwelling units separately metered.
- 5. Each space required to have a manual control also allows for reducing the connected lighting load by at least 50 percent by either controlling all luminaires, dual switching of alternate rows of luminaires, alternate luminaires, or alternate lamps, switching the middle lamp luminaires independently of other lamps, or switching each luminaire or each lamp.

- Exceptions:
 Only one luminaire in space.
 An occupant-sensing device controls the area.
 The area is a corridor, storeroom, restroom, public lobby or sleeping unit.
 Areas that use less than 5.6 Watts/sq. ft.
- 6. Automatic lighting shutoff control in buildings larger than 5,000 sq. ft.
 Exceptions:
 Sleeping units, patient care areas, and spaces where automatic shutoff would endanger safety or security.
- 7. Photoautonomous time switch on exterior lights.
 Exceptions:
 Lighting intended for 24-hour use.
 Tandem wired one-lamp and three-lamp ballasted luminaires (No single-lamp ballasts).
 Exceptions:
 Electronic high-frequency ballasts, luminaires on emergency circuits or with no available path.

Section 5: Compliance Statement
 Compliance Statement: The proposed lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2006 IECC requirements in COMcheck Version 3.9.2 and to comply with the mandatory requirements in the Requirements Checklist.

Name: Title Signature Date

Project Title: Port Arthur Public Health and Probation Building Report date: 01/13/14
 Data Reference: J101 - Current Active Projects/ASD Port Arthur Health Clinic-6 - Schedule/Port Arthur Com Check.csk Page 2 of 4

COMcheck Software Version 3.9.2
Exterior Lighting Compliance Certificate

2006 IECC

Section 1: Project Information

Project Type: **New Construction**
 Project Title: **Port Arthur Public Health and Probation Building**
 Construction Site: **Jefferson County, Port Arthur, TX**
 Owner/Agent: **Don George, George McKenna Electric, 2318 East Graywater Irving, TX 75061, 972-721-1950, don.george@georgemckenna.com**
 Designer/Contractor: **Don George, George McKenna Electric, 2318 East Graywater Irving, TX 75061, 972-721-1950, don.george@georgemckenna.com**

Section 2: Exterior Lighting Area/Surface Power Calculation

| Exterior Area/Surface | A | B | C | D | E | F |
|--|--------------------------|-------------------|--------------------|----------------|-------------|---|
| | Quantity | Allowed Watts (W) | Proposed Watts (W) | Complies (Y/N) | Notes | |
| Parking lot Driveway (Driveway) | 405 52 | 0.15 | Yes | 61 | 0 | |
| 2 Main Entry (Main entryway) | 8 ft of door width | 30 | Yes | 60 | 64 | |
| Parking area(s) | 6471 82 | 0.15 | Yes | 621 | 500 | |
| Stairwell Around Building (Walkway < 10 feet wide) | 338 ft of walkway length | 1 | Yes | 338 | 900 | |
| Building Exits (Other entryway) | 3 ft of door width | 20 | Yes | 180 | 96 | |
| Total Allowed Watts = | | | | 1931 | 1560 | |
| Total Proposed Watts = | | | | | 97 | |

* Wattage tradeoffs are only allowed between tradeable areas/surfaces.
 ** A supplemental allowance equal to 5% of total allowed wattage may be applied toward compliance of both non-tradeable and tradeable areas/surfaces.

Section 3: Exterior Lighting Fixture Schedule

| Fixture ID | Description / Lamp / Wattage Per Lamp / Ballast | A | B | C | D | E |
|--|--|----------------------|----------|---------------|-------------|---------|
| | | Floor Area (sq. ft.) | Lamp Qty | # of Fixtures | Watt | (C X D) |
| Parking lot Driveway (Driveway 405 52): Tradeable Wattage | | | | | | |
| 2 Main Entry (Main entryway) | 18 ft of door width: Tradeable Wattage | | | | | |
| Compact Fluorescent 2 | B: Wall Mount - Medium Throw, Triple 4-pin 32W. Electronic | 1 | 2 | 32 | 64 | |
| Parking area (6471 82): Tradeable Wattage | | | | | | |
| HD 1: SA: Shoe Box on 20' Pole: Metal Halide: Standard | | 1 | 2 | 250 | 500 | |
| Stairwell Around Building (Walkway < 10 feet wide 338 ft of walkway length): Tradeable Wattage | | | | | | |
| HQ2: High-Pressure Sodium: Standard | | 1 | 6 | 100 | 600 | |
| Building Exits (Other door (not main entry) 3 ft of door width): Tradeable Wattage | | | | | | |
| Compact Fluorescent 1 | B: Wall Mount - Medium Throw, Triple 4-pin 32W. Electronic | 1 | 3 | 32 | 96 | |
| Total Tradeable Proposed Watts = | | | | | 1560 | |

Section 4: Requirements Checklist

Lighting Wattage:
 1. Within each non-tradeable area/surface, total proposed watts must be less than or equal to total allowed watts. Across all tradeable areas/surfaces, total proposed watts must be less than or equal to total allowed watts.

Project Title: Port Arthur Public Health and Probation Building Report date: 01/13/14
 Data Reference: J101 - Current Active Projects/ASD Port Arthur Health Clinic-6 - Schedule/Port Arthur Com Check.csk Page 3 of 4

Compliance: Passes.

- Controls, Switching, and Wiring:**
 2. All exemption claims are associated with fixtures that have a control device independent of the control of the nonexempt lighting.
 3. All lighting fixtures are controlled by a photoresistor or astronomical time switch that is capable of automatically turning off the beam when sufficient daylight is available or the lighting is not required.

Exceptions:
 Covered vehicle entrances/exits requiring lighting for safety, security and eye adaptation.

Exterior Lighting Efficiency:
 4. All exterior building grounds luminaires that operate at greater than 100W have minimum efficacy of 60 lumen/watt.

Exceptions:
 Controlled by motion sensor or exempt from consideration under the provisions of Section 505.6.2.

Section 5: Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2006 IECC requirements in COMcheck Version 3.9.2 and to comply with the mandatory requirements in the Requirements Checklist.

Name: Title Signature Date

Project Title: Port Arthur Public Health and Probation Building Report date: 01/13/14
 Data Reference: J101 - Current Active Projects/ASD Port Arthur Health Clinic-6 - Schedule/Port Arthur Com Check.csk Page 4 of 4

| Type | Description | Manufacturer or Brand | Catalog Number | Qty of Lamp | Lamp Wattage | Lamp Color | Voltage | Comment |
|------|---|-----------------------|--|-------------|--------------|------------|-----------|---------|
| A1 | 48 2 lamp Strip | ABL-Lithonia Lighting | C 1 32 MVOLT GE810S | 2 | 32 | 4100K | Universal | |
| A22 | 2x2 2 Lamp Acrylic Fixture with 2-Ballast | ABL-Lithonia Lighting | ZSPFG 2 17 FN A12125 MVOLT GE810S LP743 | 2 | 32 | 4100K | Universal | |
| A3 | 2x4 2 Lamp Acrylic Fixture with 2-Ballast | ABL-Lithonia Lighting | ZSPFG 2 32 FN A12125 MVOLT GE810S L84128 | 2 | 32 | 4100K | Universal | |
| A3 | 2x4 3 Lamp Acrylic Fixture with 3-Ballast | ABL-Lithonia Lighting | ZSPFG 3 32 FN A12125 MVOLT GE810S L84128 | 3 | 32 | 4100K | Universal | |
| A42B | 2x4 4 Lamp Acrylic Fixture with 2-Ballast | ABL-Lithonia Lighting | ZSPFG 4 32 FN A12125 MVOLT GE810S L84128 | 4 | 32 | 4100K | Universal | |
| D132 | Down Light | ABL-Lithonia Lighting | AF 1232TRT 8AR MVOLT GE8 10 WLP41 | 1 | 32 | 4100K | Universal | |
| WP | Wall Mounted Sconce with Wide Throw | ABL-Lithonia Lighting | W51 150MMW 277 LP1[DARK BRONZE TEXTURED SURFACE MTD] | 1 | 150 | | 277V | |
| B | Wall Mounted Sconce with Wide Throw | ABL-Lithonia Lighting | W51 32TRT MD 277 LP1[DARK BRONZE TEXTURED SURFACE MTD] | 1 | 32 | | 277V | |
| SC1 | 2x4 2 Lamp Surface Mounted | ABL-Lithonia Lighting | WP 1 1475 MVOLT GE810S | 1 | 14 | | Universal | |
| SC2 | 48 2 Lamp Surface Mounted | ABL-Lithonia Lighting | WP 2 2875 MVOLT GE810S | 2 | 28 | | Universal | |
| SA | Single head 220W fit on 30ft Pole | ABL-Lithonia Lighting | KAD 250M R3 SCWA SP004 LP1 | 1 | 250 | | 277V | |
| X | Exit Light With Battery Pack | ABL-Lithonia Lighting | IQMSR1202277 EL N5D | 1 | 1 | | Universal | |
| XFL | Exit Light With Battery Pack & Emergency LED Lights | ABL-Lithonia Lighting | LHOMLEDSD | 3 | 1 | | Universal | |
| | An unswitched fixture provides a 90 minute battery back up with test switch. | | | | | | | |
| | All corridor lights feature: Connect battery pack and fixture to hot leg. Fixture will be on 24 hours for security and egress lighting. | | | | | | | |
| | Fixtures at classrooms, waiting room, conference and breakroom out a battery pack will be controlled by motion sensor. | | | | | | | |
| | Connect Exit Light and Battery Packs to Hot leg of circuit controlling area. | | | | | | | |

SHEET TITLE:

COM CHECK



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E4.02

