

Leon County Ag Extension - Exterior Improvements

Tallahassee, FL
for
Leon County

100% Construction Documents



February 3, 2020

ALW Project #14273.11.1

Consultants:



Kever | Mckee Engineering
3370 Capital Circle NE, Suite F
Tallahassee, FL 32308
Phone: 850.727.5367
KeverMckee.com



H2 Engineering
114 East Fifth Avenue
Tallahassee, FL 32303
850.224.7922
H2Engineering.com

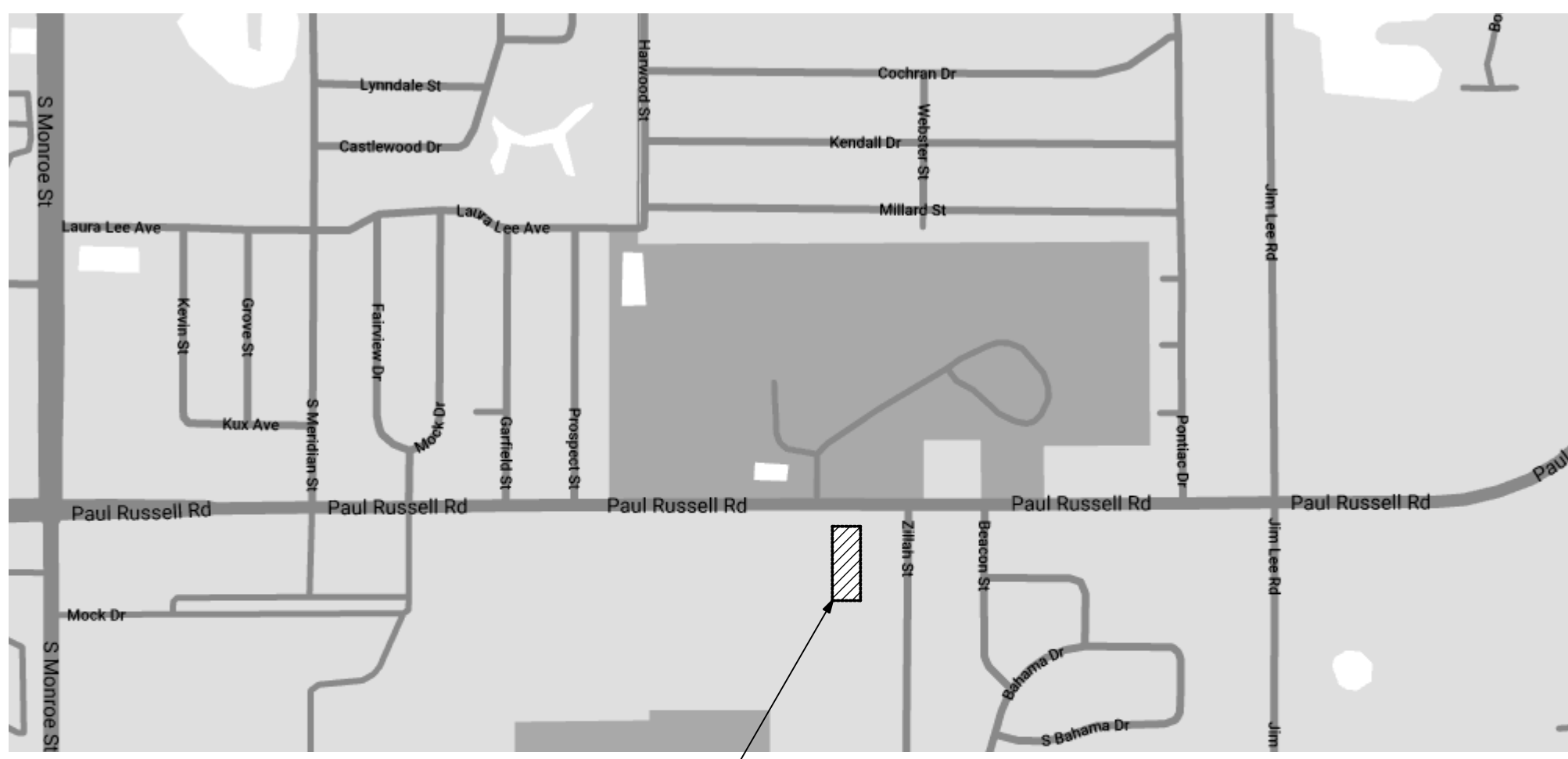
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CONCEPT SCHEM. DESIGN	SM	R. LEWIS	1/13/2020					
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20% CONSTRUCTION DOCS.								
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Client:	Leon County Tallahassee, Florida
Job Title:	Leon County Ag Extension - Exterior Improvements
Project #:	14273.11.1
Phase:	100% Construction Documents



Architects Lewis + Whitlock
206 West Virginia St.
Tallahassee, Florida 32301
850.942.1718
www.think3d.net

Description:	Cover Sheet
Sheet No.:	CS



PROJECT LOCATION

Location Map

615 Paul Russell Rd, Tallahassee, FL 32301



PROJECT AREA

Area Map

Building Information

Construction Type: III-B Existing Building
 Construction Type IV - Addition
 Area of Alteration: 1,500 S.F. (Exterior to Building)
 Addition and Level 2 Alteration (Door Replacement, Roof Modification)
 Building Area Per Floor: 13,300 S.F.
 Fire Sprinkler Provided: No

Applicable Codes:

Florida Building Code, Building (FBC-B)	6th Edition
Florida Building Code, Accessibility (FBC-A)	6th Edition
Florida Building Code, Existing Building (FBC-EB)	6th Edition
Florida Building Code, Mechanical	6th Edition
Florida Building Code, Fuel Gas	6th Edition
Florida Building Code, Plumbing	6th Edition
Florida Fire Prevention Code (FFPC)	6th Edition
National Electrical Code (NEC)	2014 Edition

NOTE: CONTRACTOR SHALL PROVIDE ANY INFORMATION AND/OR PRODUCT APPROVAL NUMBERS AS REQUIRED BY FLORIDA STATUTE 553.842 AND FLORIDA ADMINISTRATIVE CODE 9B-72

CS	Cover Sheet
G1.0	Index of Drawings, Standard Abbreviations and General Notes
D1.1	Demolition Plan
D1.2	Demolition Images
AS.1	Architectural Site Plan
A1.1	First Floor Plan
A2.1	Exterior Elevations
A3.1	Building Sections and Details
A3.2	Details
A3.3	Signage Plan & Details
S0.1	Structural Notes & Key Plan
S1.1	Foundation Plan & Details
S1.2	Roof Framing Plan & Details
S1.3	Sign Details
E1.0	Floor Plan - Electrical

Legend of Architectural Symbols:

1 A1.1 BUILDING SECTION REFERENCE

1 A1.1 WALL SECTION REFERENCE

1 A1.1 DETAIL REFERENCE

PROJECT NORTH

C1 FINISH COLOR

ELEVATION REFERENCE POINT

CONSTRUCTION NOTES NUMERICAL

DEMOLITION NOTES ALPHABETICAL

REVISION

DASH AND DOT FIRE RATED WALLS

DOUBLE DASHED LINE PROPERTY LINES, BOUNDARY LINES

DASHED LINES HIDDEN, FUTURE, OR EXIST. CONST. TO BE REMOVED

BREAK LINE TO BREAK OFF PARTS OF DRAWING

SINGLE DASH LINE COLUMN LINES

Architectural General Notes:

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- 2) ALL DIMENSIONS ARE TO THE FACE OF STUD OR STUD TRACK, CENTER LINE OF STUD OR STUD TRACK, FACE OF MASONRY AND TO THE CENTER LINE OF STRUCTURAL STEEL COLUMNS, UNLESS OTHERWISE INDICATED.
- 3) WHERE STRUCTURAL DESIGN LOADS ARE NOT PROVIDED FOR ANY COMPONENTS REQUIRING MANUFACTURER OR FABRICATOR ENGINEERING, AND MINIMUM LOADING CONDITIONS ARE NOT PROVIDED IN APPLICABLE CODES AND STANDARDS, CONSULT ARCHITECT PRIOR TO PROCEEDING.
- 4) DIMENSIONS FOR PATHS OF EGREGES INCLUDING CORRIDORS AND STAIRS SHALL MEAN CLEAR WIDTH BETWEEN CORRIDOR WALLS, AND AT STAIRS CLEAR WIDTH BETWEEN WALLS OR CURBS.
- 5) DO NOT SCALE DRAWINGS, IF THERE IS A CONFLICT IN DIMENSIONS OR IF THERE IS INSUFFICIENT DIMENSIONING, CONTACT THE ARCHITECT FOR CLARIFICATION PRIOR TO PROCEEDING.
- 6) IF AN ORDER OF PRECEDENT FOR THE INTERPRETATION OF DOCUMENTS IS NOT PROVIDED IN THE PROJECT MANUAL (IF PROVIDED), AND A CONFLICT OCCURS IN THE SPECIFICATIONS, OR BETWEEN THE DRAWINGS AND SPECIFICATIONS, CONTACT THE ARCHITECT. ALL REQUEST FOR CLARIFICATION TO THE ARCHITECT SHALL BE MADE IN WRITING. THE ARCHITECT'S RESPONSE SHALL BE MADE IN WRITING AND NO FORMAL INSTRUCTIONS SHALL BE GIVEN VERBALLY.
- 7) WHERE CLEAR DIMENSIONS ARE INDICATED, THIS SHALL MEAN CLEAR WIDTH FROM FINISHED WALL TO FINISHED WALL OR CLEAR FLOOR AREA BETWEEN BUILDING COMPONENTS.
- 8) ALL FIRE RATED PARTITION OR WALL ASSEMBLIES SHALL EXTEND FROM THE FLOOR SLAB TO THE UNDERSIDE OF THE BUILDING STRUCTURE AND/OR DECK ABOVE. ALL PENETRATIONS IN RATED CONSTRUCTION SHALL BE PROPERLY SEALED TO INSURE THE RATING IS MAINTAINED.
- 9) ALL FIRE RATED FLOOR/CEILING OR ROOF/CEILING ASSEMBLIES SHALL BE CONTINUOUS BETWEEN PARTITIONS AND/OR WALLS FOR THE SPACE OR HORIZONTAL AREA INDICATED. ALL PENETRATIONS IN RATED CONSTRUCTION SHALL BE PROPERLY SEALED TO INSURE THE RATING IS MAINTAINED.
- 10) TYPICAL AND STANDARD DETAILS MAY BE PROVIDED IN THE DRAWINGS. IF A SPECIFIC DETAIL IS NOT PROVIDED FOR CONDITION OF FABRICATION AND/OR INSTALLATION, CONTACT THE ARCHITECT PRIOR TO PROCEEDING.
- 11) THE INSTALLATION OF MECHANICAL, PLUMBING AND ELECTRICAL ITEMS (INCLUDING UTILITIES, ROUGH-INS, SYSTEM COMPONENTS AND FINISHED FIXTURES) IN EXPOSED TO VIEW AREAS OR SPACES SHALL BE UNDERTAKEN WITH SKILL AND CRAFTSMANSHIP TO PROVIDE A FINISHED CONDITION ACCEPTABLE TO THE ARCHITECT. ALL EXPOSED TO VIEW ITEMS SHALL BE FINISHED WITH PAINT UNLESS OTHERWISE SPECIFIED TO BE PREFINISHED OR NOT TO BE PAINTED.
- 12) THESE GENERAL NOTES HAVE THE SAME AUTHORITY AS OTHER NOTES AND REFERENCES IN THE DRAWINGS OR SPECIFICATIONS AND SHALL NOT BE EXCLUDED IN THE EXECUTION OF THE WORK. THEY MAY REQUIRE COORDINATION BETWEEN VARIOUS TRADE CONTRACTORS. IN ADDITION TO THESE GENERAL NOTES, REFER TO DEMOLITION AND CONSTRUCTION NOTES SPECIFIC TO EACH DRAWING.
- 13) THE CONTRACTOR SHALL ERECT AND MAINTAIN ALL REASONABLE SAFEGUARDS FOR SAFETY AND HEALTH, INCLUDING POSTING DANGER SIGNS AND OTHER WARNING AGAINST HAZARDS, AS WELL AS PROMULGATING SAFETY STANDARDS.
- 14) THE CONTRACTOR SHALL BE RESTRICTED TO AREAS SPECIFIED BY THE OWNER FOR ON-SITE STORAGE OF MATERIALS
- 15) THE CONTRACTOR SHALL MAINTAIN A CLEAN WORK PREMISE AT ALL TIMES AND SHALL CLEAN CONSTRUCTION SITE OF ALL DEBRIS DAILY. THE WORK PREMISE SHALL BE CLEAN AT COMPLETION OF JOB AND BEFORE FINAL PAYMENT IS MADE.
- 16) THE CONTRACTOR SHALL TAKE CARE NOT DAMAGE EXISTING SURFACES AND SHALL BE RESPONSIBLE FOR RESTORING AREAS DAMAGED BY THE CONTRACTOR (MATERIALS, FINISHES, ETC.) TO THEIR ORIGINAL CONDITIONS. SURFACES SHALL BE REPAINTED TO MATCH EXISTING ADJACENT FINISHES.

Standard Abbreviations:

A/C	-AIR CONDITIONING	FD	-FLOOR DRAIN	M	-METER	SAN	-SANITARY
ACI	-AMERICAN CONCRETE INSTITUTE	FEB	-FIRE EXTINGUISHER W/ BRACKET	MATL	-MATERIAL	SC	-SOLID CORE
ACT	-ACOUSTICAL CEILING TILE	FEC	-FIRE EXTINGUISHER IN CABINET	MAX	-MAXIMUM	SECT	-SECTION
ADJ	-ADJACENT	FF	-FINISH FLOOR	MC	-MECHANICAL	SEW	-SEWER
AFF	-ABOVE FINISH FLOOR	FHC	-FIRE HOSE CABINET	MECH	-MECHANICAL	SF	-SQUARE FEET
ALT	-ALTERNATE	FIN	-FINISH	MTL	-METAL	SGL	-SINGLE
ALUM	-ALUMINUM	FL	-FLOOR	MEZZ	-MEZZANINE	SIM	-SIMILAR
ASTM	-AMERICAN SOCIETY OF TSTG. & MTL.	FLG	-FLASHING	MFR	-MANUFACTURER	SJ	-SAWED JOINT
BD	-BOARD	FT	-FOOT OR FEET	MIN	-MINIMUM	SPKLR	-SPRINKLER
BLDG	-BUILDING	FTG	-FOOTING	MISC	-MISCELLANEOUS	SQ	-SQUARE
BLT	-BOLT	GA	-GAUGE	MK	-MARK	SST	-STAINLESS STEEL
BM	-BEAM	GALV	-GALVANIZED	MO	-MASONRY OPENING	STD	-STANDARD
BOT	-BOTTOM	GEN	-GENERAL	MTD	-MOUNTED	STL	-STEEL
BRG	-BEARING	GND	-GROUND	MULL	-MULLION	STOR	-STORAGE
C/C	-CENTER TO CENTER	GWB	-GYPSUM WALLBOARD	N	-NORTH	STRUCT	-STRUCTURAL
CEM	-CEMENT	GYP	-GYPSUM	NA	-NOT APPLICABLE	SUSP	-SUSPENDED
CF	-CUBIC FEET	NA	-NOT IN CONTRACT	NIC	-NOT IN CONTRACT	TBD	-TO BE DETERMINED
CFM	-CUBIC FEET PER MINUTE	NOM	-NOMINAL	NOM	-NOMINAL	TEL	-TELEPHONE
CG	-CORNER GUARD	NS	-NON SHRINK	NTS	-NOT TO SCALE	TEMP	-TEMPORARY, TEMPERATURE
CIR	-CIRCLE, CIRCULAR	HDR	-HEADER	OA	-OVERALL	T&G	-TONGUE & GROOVE
CIP	-CAST-IN-PLACE	HDRL	-HANDRAIL	OC	-ON CENTER	THK	-THICK
CJ	-CONTROL JOINT	HM	-HOLLOW METAL	OD	-OUTSIDE DIAMETER	TOB	-TOP OF BEAM
CLG	-CEILING	HORZ	-HORIZONTAL	OH	-OVERHEAD	TOC	-TOP OF CONCRETE
CLO	-CLOSET	HGT	-HEIGHT	OPP	-OPPOSITE	TOF	-TOP OF FOOTING
CLR	-CLEARANCE, CLEAR	ID	-INSIDE DIAMETER (DIM.)	OPPH	-OPPOSITE HAND	TOS	-TOP OF STEEL
CMU	-CONCRETE MASONRY UNIT	IN	-INCHES	PCF	-POUNDS PER CUBIC FOOT	TS	-STRUCTURAL TUBE STEEL
COL	-COLUMN	INSUL	-INSULATION	PKG	-PACKING	TV	-TELEVISION
COMP	-COMPRESSOR, COMPOSITE	INT	-INTERIOR	PL	-PLATE	TYP	-TYPICAL
CONC	-CONCRETE	JAN	-JANITOR	PLYWD	-PLYWOOD	UNF	-UNFINISHED
CONSTR	-CONSTRUCTION	JB	-JAMB	PNL	-PANEL	UON	-UNLESS OTHERWISE NOTED
CONT	-CONTINUOUS	JT	-JOINT	PR	-PAIR	UR	-URINAL
CORR	-CORRUGATED	K	-KIPS (KILO POUND OR 1000LBS.)	PREP	-PREPARATION	VCT	-VINYL COMPOSITION TILE
CS	-COUNTERSINK	KD	-KILN DRIED	PSF	-POUNDS PER SQUARE FOOT	VB	-VAPOR BARRIER
CTR	-CENTER	L	-LEAVE	PSF	-POUNDS PER SQUARE FOOT	VERT	-VERTICAL
DBL	-DOUBLE	LAV	-LAVATORY	PSI	-POUNDS PER SQUARE INCH	VEST	-VESTIBULE
DEFS	-DIRECT APPLIED EXT FINISH SYSTEM	LBS	-POUNDS	PT	-PRESSURE TREATED, PAINT, POINT	VFY	-VERIFY
DEG	-DEGREES	LH	-LEFT HAND	PVC	-POLYVINYL CHLORIDE	VOL	-VOLUME
DIA	-DIAMETER	LL	-LIVE LOAD	PVMT	-PAVEMENT	VT	-VINYL TILE
DIM	-DIMENSION	LLH	-LONG LEG HORIZONTAL	QC	-QUALITY CONTROL	W/	-WITH
DN	-DOWN	LLV	-LONG LEG VERTICAL	QT	-QUARRY TILE	WC	-WATER CLOSET
DS	-DOWNSPOUT	LTL	-LINTEL	REF	-REFERENCE	WD	-WOOD
DTL	-DETAIL	LTWT	-LIGHTWEIGHT	REINF	-REINFORCED, REINFORCEMENT	WIO	-WITHOUT
DWG	-DRAWING	LVR	-LOUVER	REQD	-REQUIRED	WP	-WATERPROOF, WORKING POINT
EA	-EACH	REF	-REFERENCE	REV	-REVISION	WWF	-WELDED WIRE FABRIC
EJ	-EXPANSION JOINT	RH	-RIGHT HAND	RM	-ROOM		
ELEC	-ELECTRICAL	RO	-ROUGH OPENING				
ELEV	-ELEVATOR, ELEVATION						
ENCL	-ENCLOSURE						
EQ	-EQUAL						
EQUIP	-EQUIPMENT						
EWV	-ELECTRICAL WATERCOOLER						
EXH	-EXHAUST						
EX	-EXISTING						
EXT	-EXTERIOR						

Standard Abbreviations:

Index of Drawings:

PHASE:	DRAWN:	REVIEWED:	DATE:	ID:	REVISION:	DATE:
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Client: **Leon County**
 Tallahassee, Florida

Job Title: **Leon County Ag Extension - Exterior Improvements**

Consultant: **14273.11.1**
 100% Construction Documents

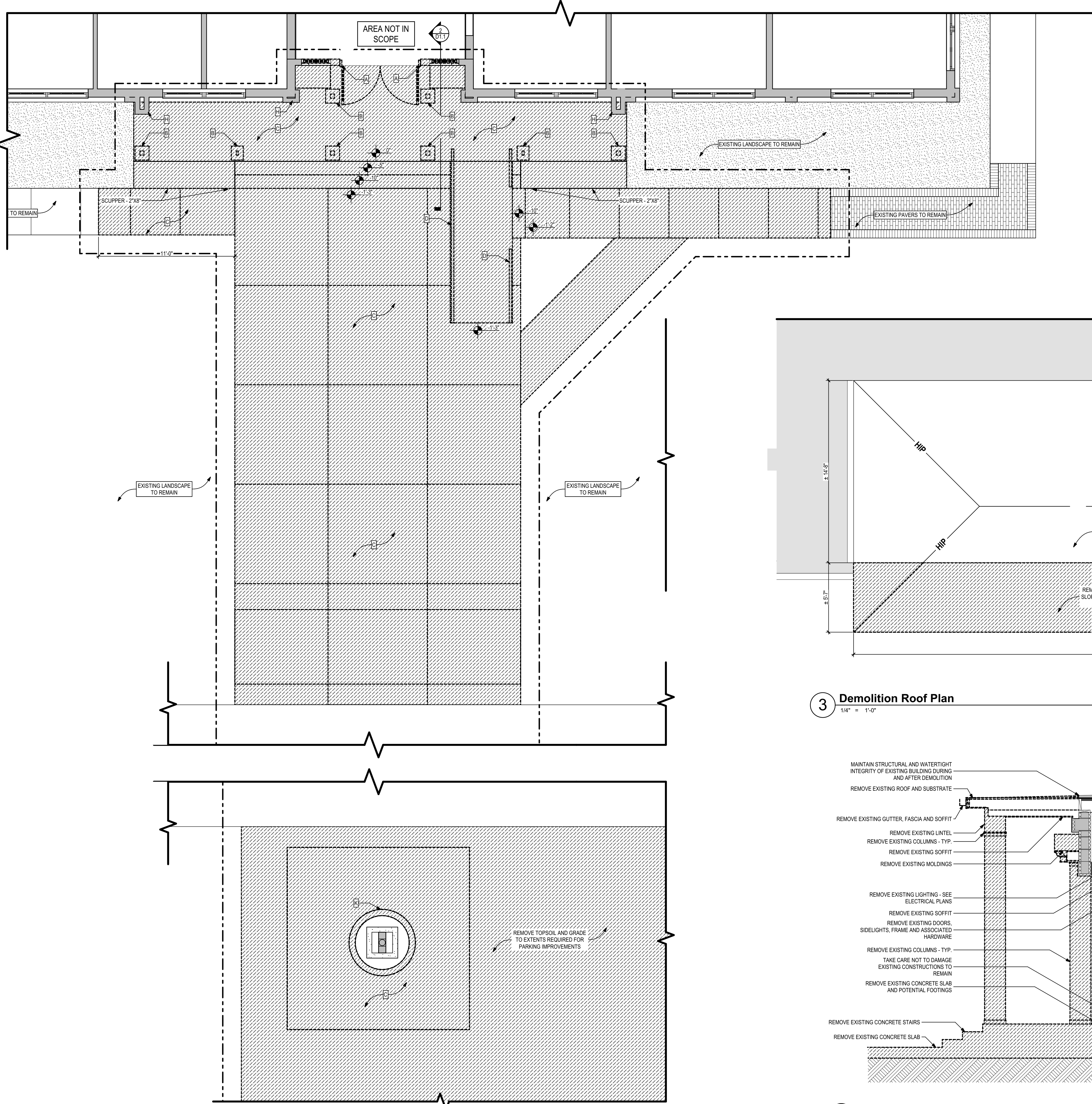
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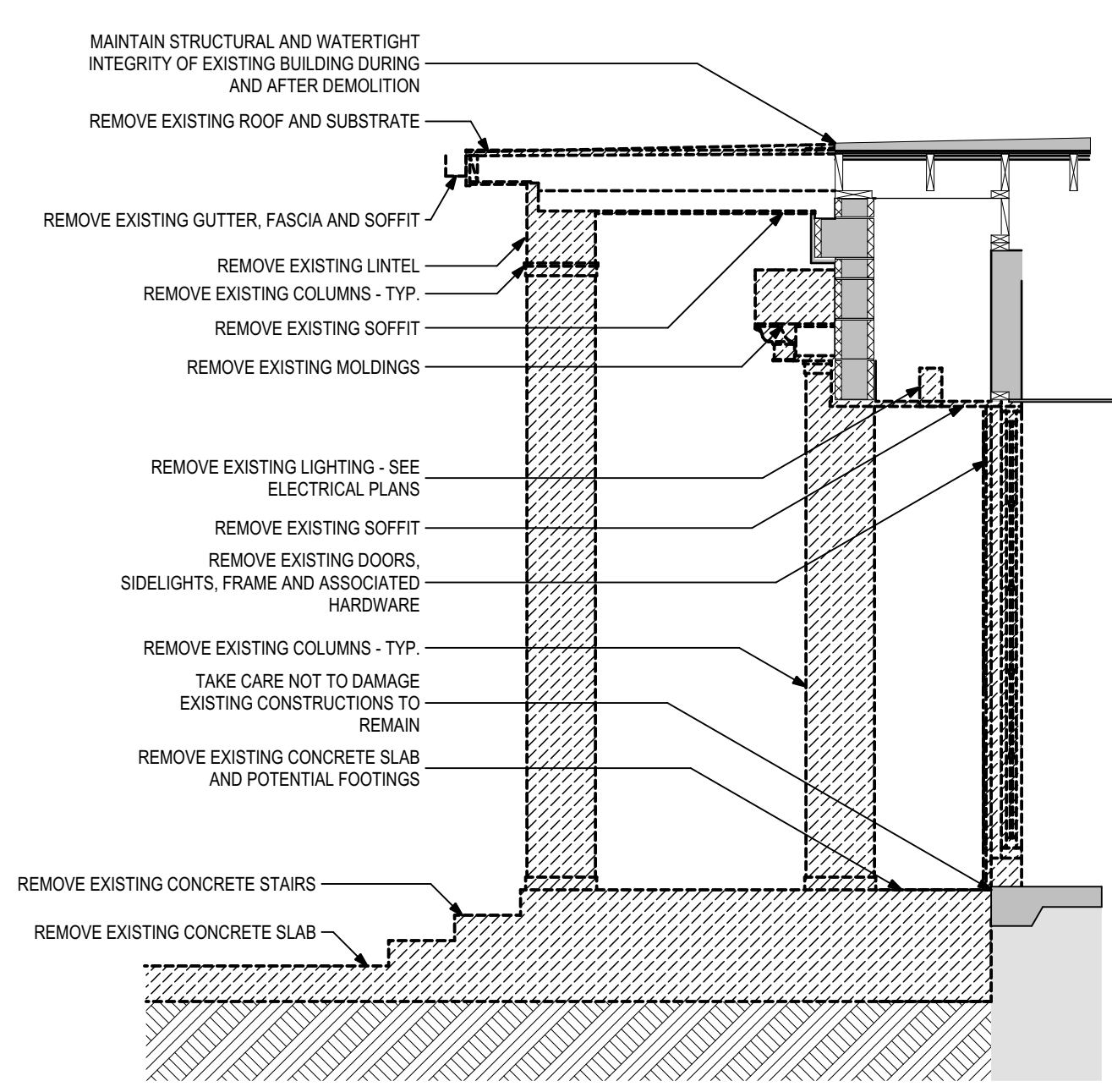
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Index of Drawings, Standard Abbreviations and General Notes

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General Demolition Notes

1. THE CONTRACTOR SHALL EXAMINE THE SITE AND EXISTING CONDITIONS AND BECOME FAMILIAR WITH ALL CONDITIONS WHICH MAY AFFECT THE WORK, PRIOR TO STARTING.
2. OWNER SHALL REMOVE ALL LOOSE FURNISHINGS PRIOR TO START OF WORK, TYP.
3. CONTRACTOR TO PROVIDE DUST BARRIERS AND PROTECTIVE MATERIAL TO MINIMIZE DAMAGES/DISTURBANCES TO EXISTING ADJACENT MATERIALS.
4. ANY DAMAGE TO EXISTING MATERIALS NOT SCHEDULE FOR REMOVAL SHALL REPAIRED AT NO EXPENSE TO THE OWNER, TYP.
5. SALVAGE MATERIALS AND ITEMS INDICATED ON THE DRAWINGS AND TURN OVER TO OWNER WITH SIGNED RECEIPT.
6. UTILITY INTERRUPTIONS SHALL BE SCHEDULED WITH USER 72 HOURS IN ADVANCE.
7. WORK HOURS FOR DEMOLITION SHALL BE SCHEDULED WITH USER 72 HR IN ADVANCED AND SHALL OCCUR AFTER HOURS IF REQUESTED BY USER.
8. CONTRACTOR SHALL PATCH AND REPAIR ALL WALLS THAT ARE IMPACTED BY MECHANICAL AND/OR ELECTRICAL CONDUIT, PIPING, AND ALL OTHER MISC DEVICE REMOVAL.
9. BUILDING SHALL REMAIN OCCUPIED DURING DEMOLITION ACTIVITIES. CM SHALL TAKE ALL PRECAUTIONS NECESSARY TO ISOLATE OCCUPANTS FROM DEMOLITION.
10. LIMIT CONSTRUCTION AREA TO 5' MAXIMUM BEYOND CONSTRUCTIONS. PROVIDE PROTECTION FOR ALL LANDSCAPING OUTSIDE OF THE CONSTRUCTION AREA.
11. CONTRACTOR SHALL MAINTAIN BUILDING STRUCTURAL AND WATERTIGHT INTEGRITY AT ALL TIMES.
12. CONTRACTOR SHALL MAINTAIN BUILDING SECURITY INTEGRITY AT ALL TIMES.



Demolition Notes

- [X] REPRESENTS NOTE ON PLANS
- A REMOVE EXISTING DOOR, DOOR FRAME, WINDOW, WINDOW FRAME AND ALL ASSOCIATED HARDWARE.
- B REMOVE EXISTING MASONRY COLUMN
- C REMOVE EXISTING CONCRETE SLAB
- D REMOVE EXISTING RAIL IN ITS ENTIRETY.
- E REMOVE EXISTING MOLDING AND WOODWORK.
- F REMOVE EXISTING LIGHT FIXTURES PER ELECTRICAL DRAWINGS.
- G REMOVE EXISTING CEILING AND FRAMING
- H PLASTER TO REMAIN
- J REMOVE EXISTING ROOF OVERHANG, SHEATHING, FRAMING, SOFFIT, FASCIA, AND GUTTER TO EXTERIOR WALL. MAINTAIN WATER TIGHT INTEGRITY AT ALL TIMES.
- K REMOVE EXISTING CONCRETE CURB

Demolition Legend

- [Solid Line] EXISTING PARTITION TO REMAIN
- [Dashed Line] EXISTING CONSTRUCTION TO REMAIN
- [Dotted Line] PARTITION TO BE REMOVED
- [Hatched] CONSTRUCTION TO BE REMOVED
- [Cross-hatched] EXISTING FLOORING TO BE REMOVED

PHASE:	CONCEPT SCHEM. DESIGN	ADVANCED SCHEM. DESIGN	50% CONSTRUCTION DOCS.	80% CONSTRUCTION DOCS.	PERMIT DOCS.	100% CONSTRUCTION DOCS.
DRAWN:	R. LEWIS	R. LEWIS	R. LEWIS	R. LEWIS	R. LEWIS	R. LEWIS
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Client: **Leon County**
Tallahassee, Florida

Job Title: **Leon County Ag Extension - Exterior Improvements**

Consultant:

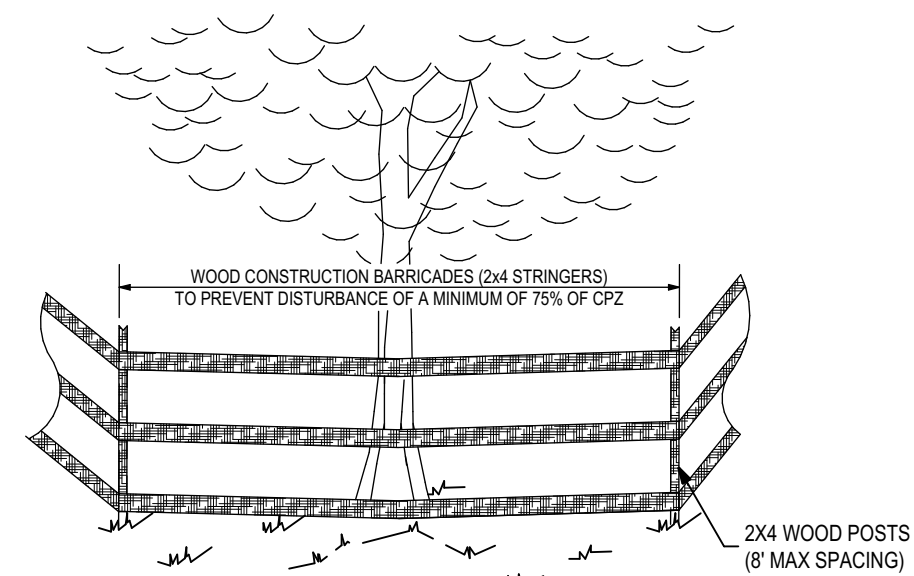
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Description: **Demolition Plan**

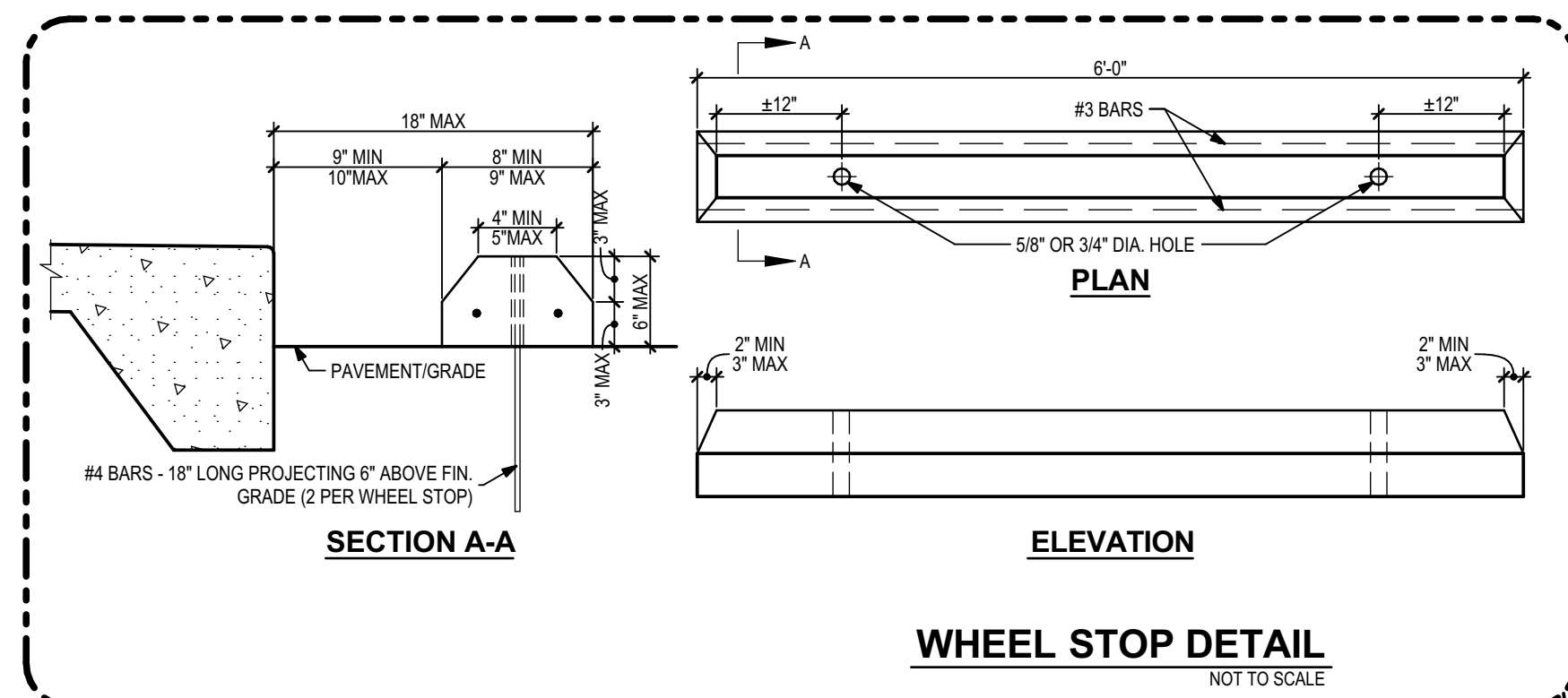
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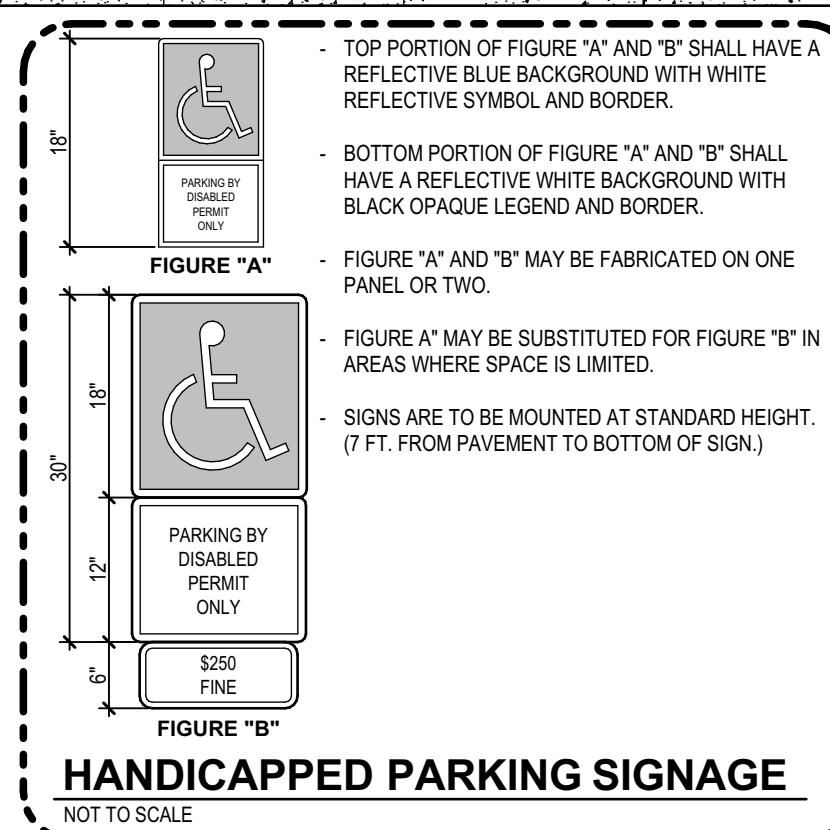
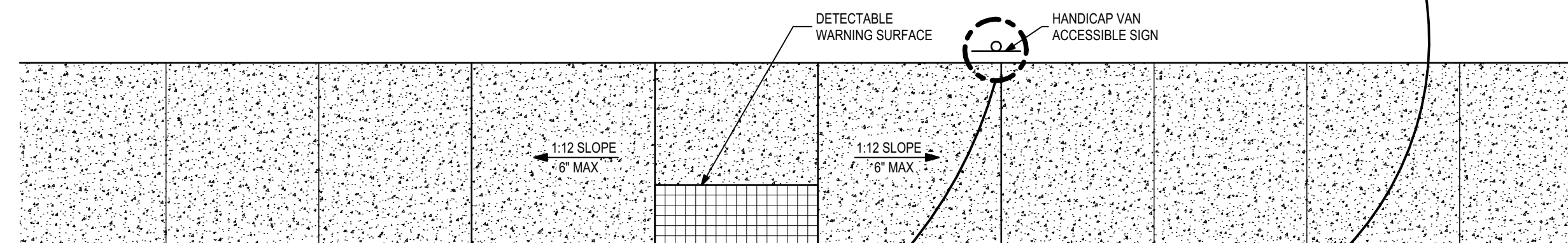


NOTE
 CRITICAL PROTECTION ZONE REFERS TO THAT AREA SURROUNDING A TREE WITHIN A CIRCLE DESCRIBED BY A RADIUS OF ONE FOOT FOR EACH INCH OF THE TREE'S DBH. TREE PROTECTION BARRICADES TO COMPLETELY SURROUND EACH URBAN FOREST AREA AND ALL CONSERVATION FEATURE AREAS.

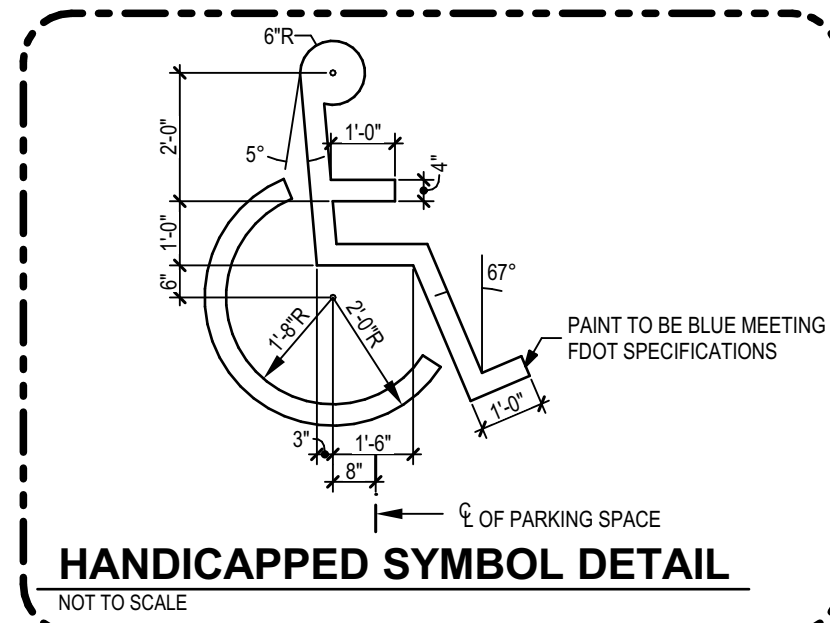
TREE PROTECTION BARRICADE
 NOT TO SCALE



WHEEL STOP DETAIL
 NOT TO SCALE

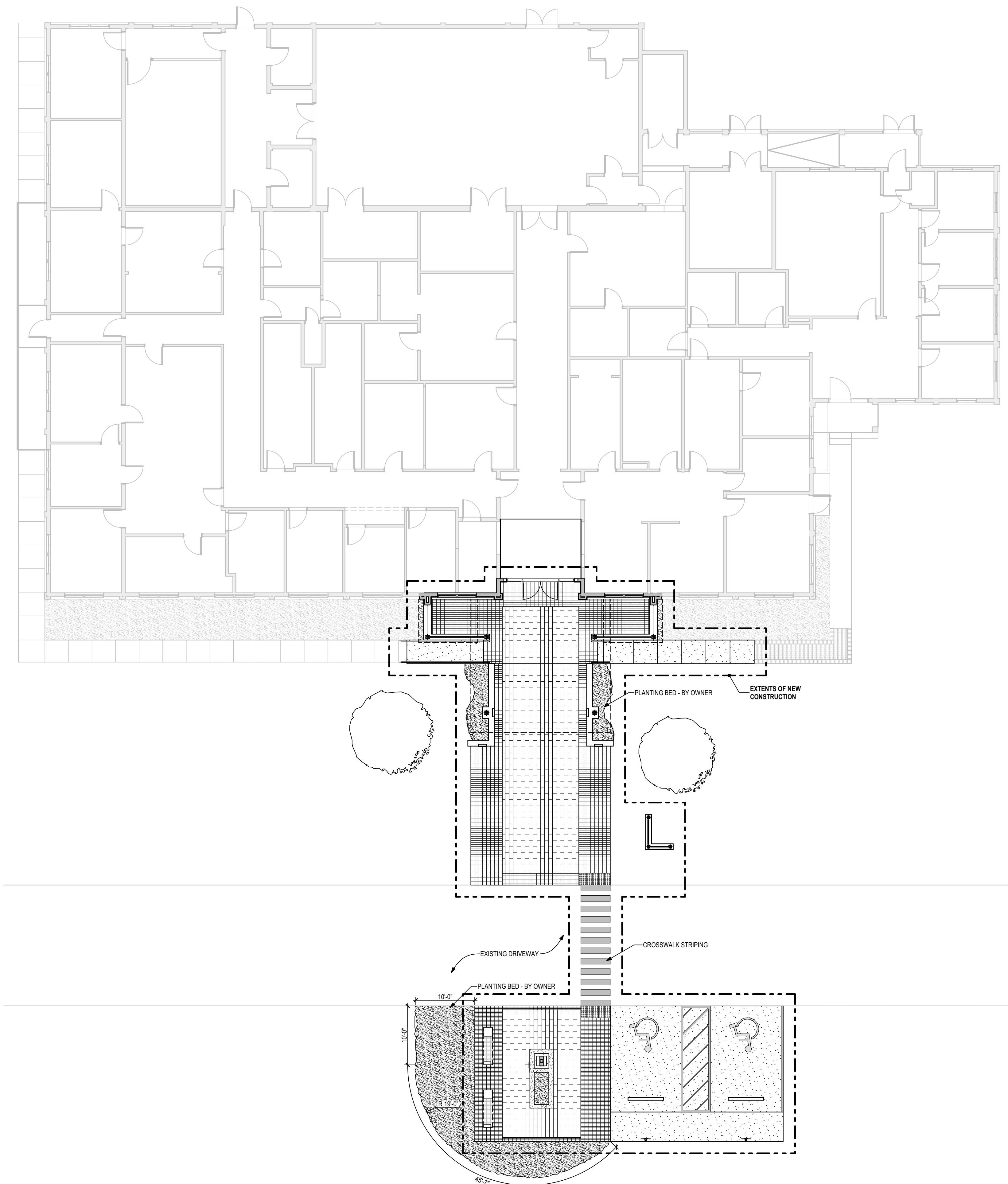


HANDICAPPED PARKING SIGNAGE
 NOT TO SCALE



HANDICAPPED SYMBOL DETAIL
 NOT TO SCALE

2 Accessible Parking Details
 1/4" = 1'-0"



1 Site Plan
 1" = 10'

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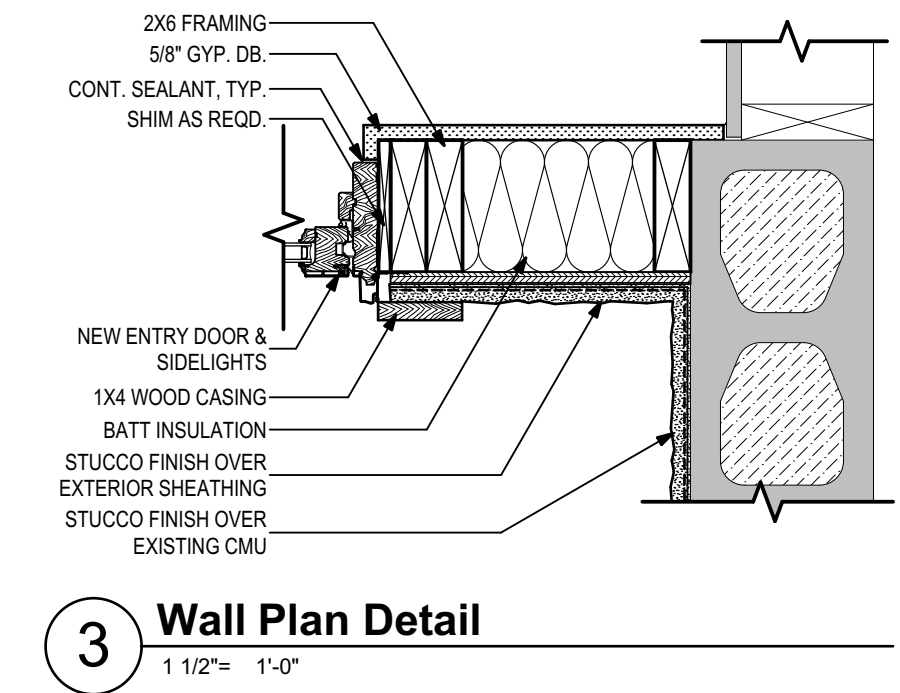
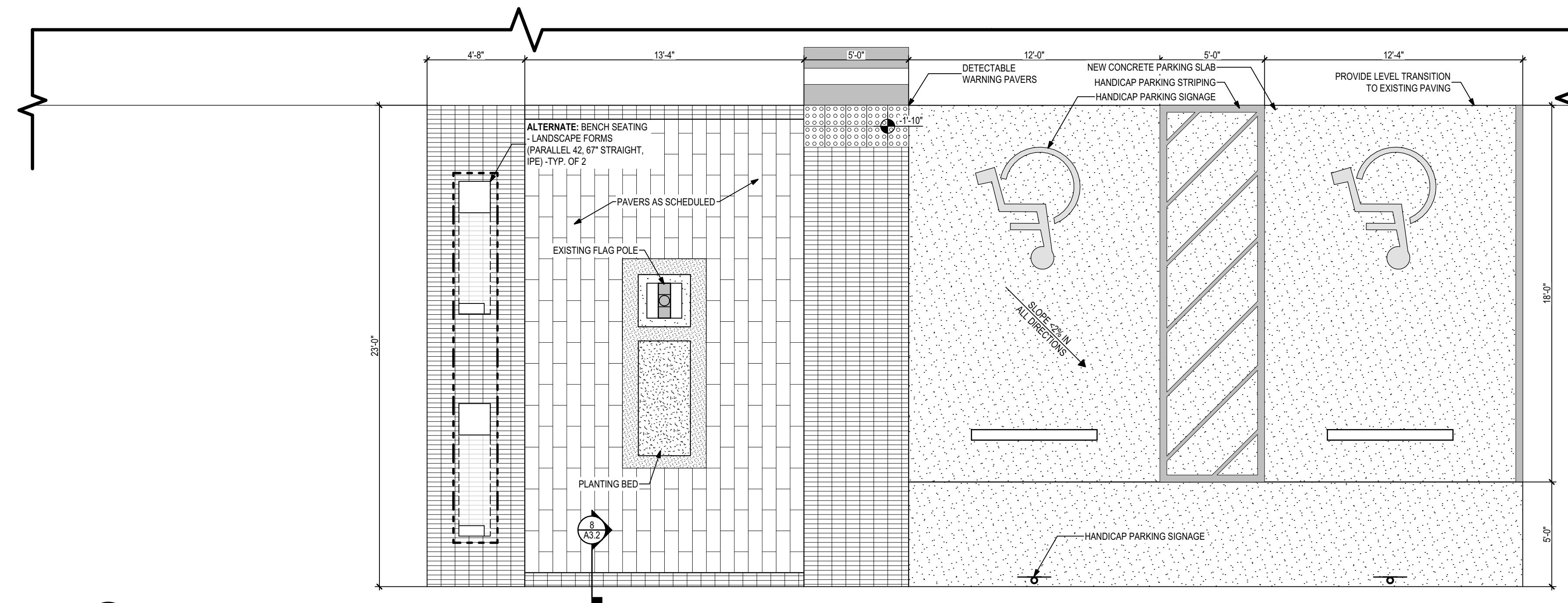
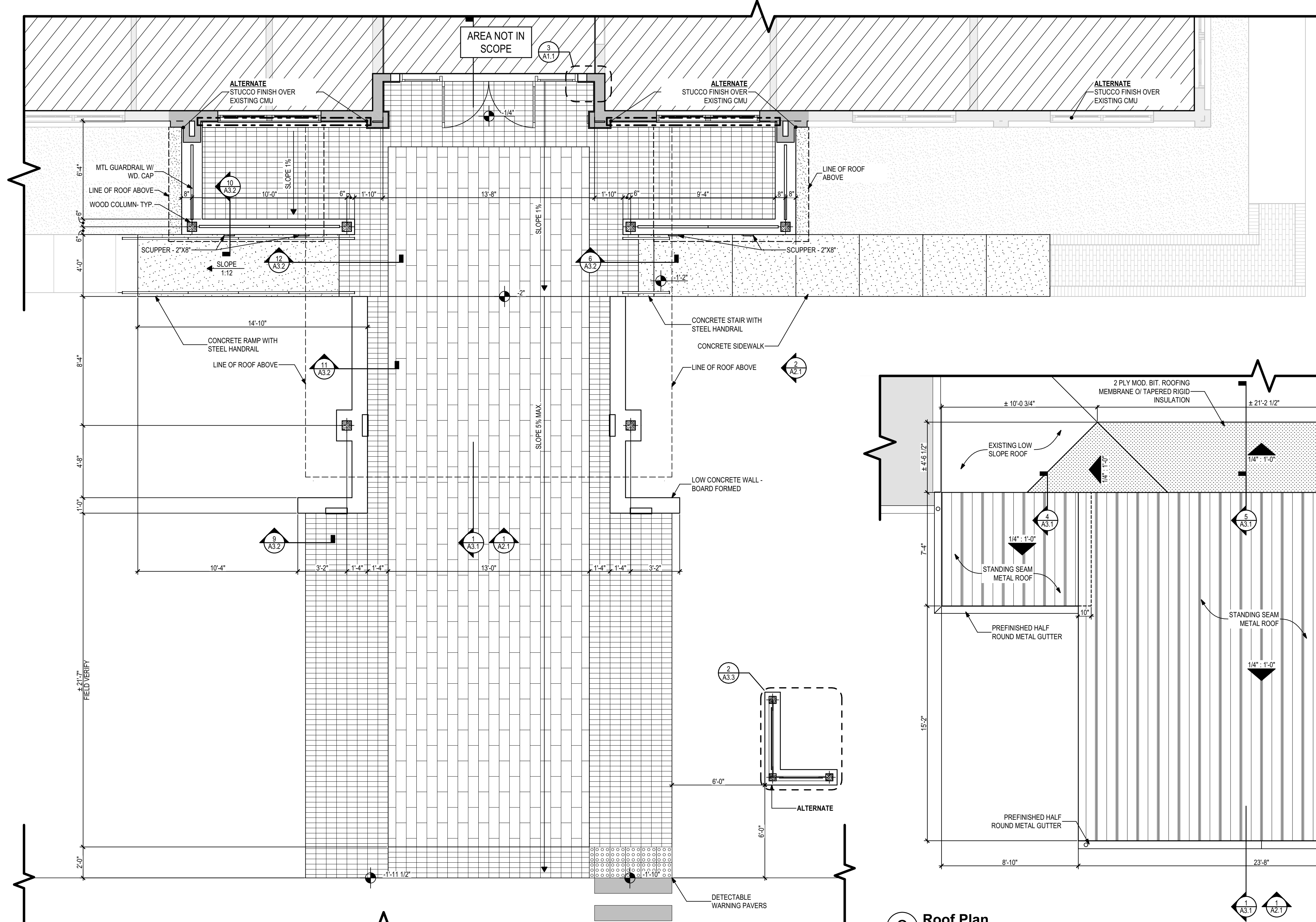
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Description:
Architectural Site Plan

Sheet No.:
AS.1



1 Floor Plan
1/4" = 1'-0"

2 Roof Plan
1/4" = 1'-0"

3 Wall Plan Detail
1 1/2" = 1'-0"

Drawing Legend

	EXISTING PARTITION TO REMAIN
	EXISTING CONSTRUCTION W/ NEW INTERIOR LAYER
	NEW PARTITION
	EXISTING CONSTRUCTION TO REMAIN
	NEW CONSTRUCTION
	CONSTRUCTION ABOVE
	CONSTRUCTION BELOW

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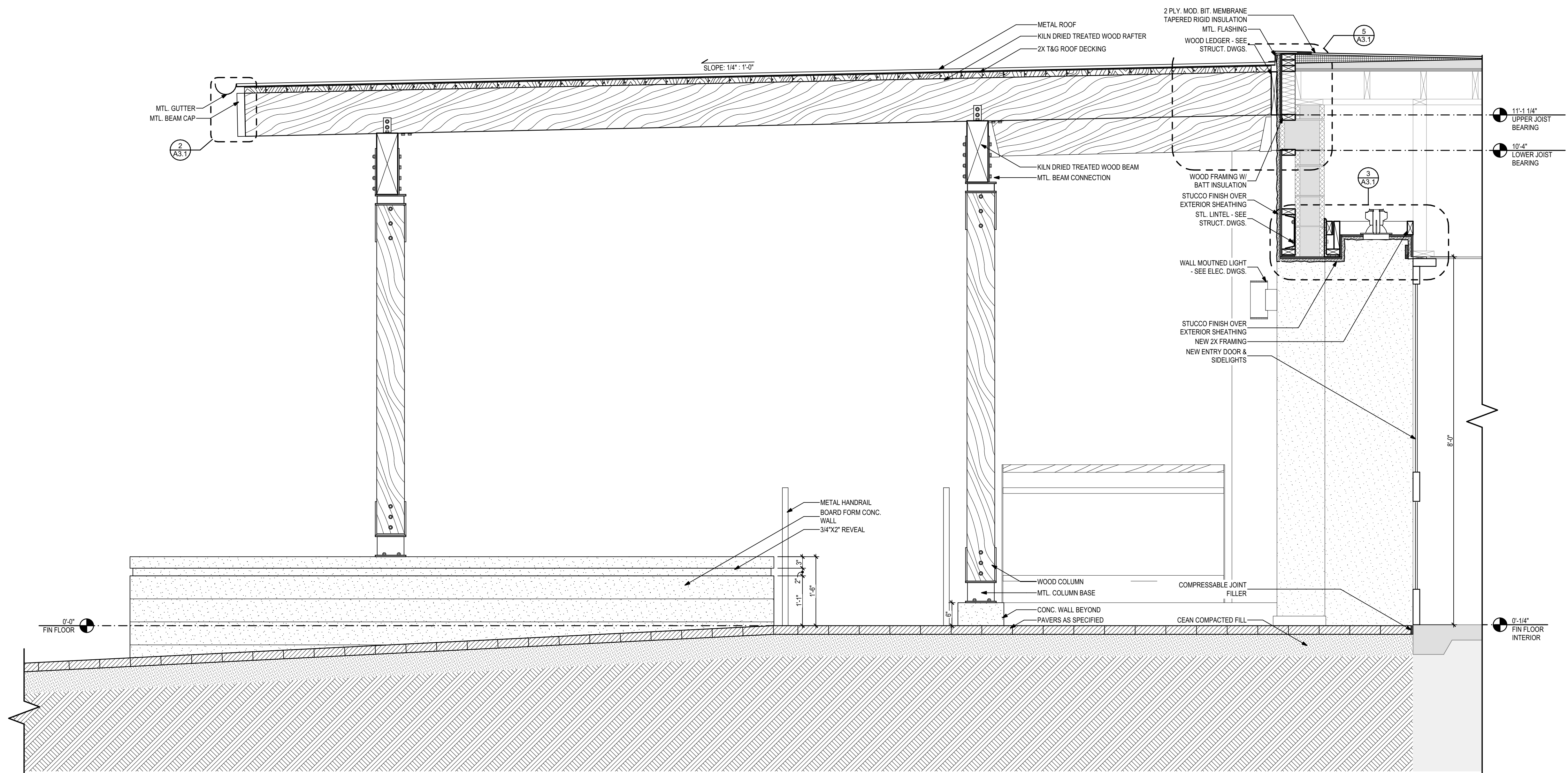
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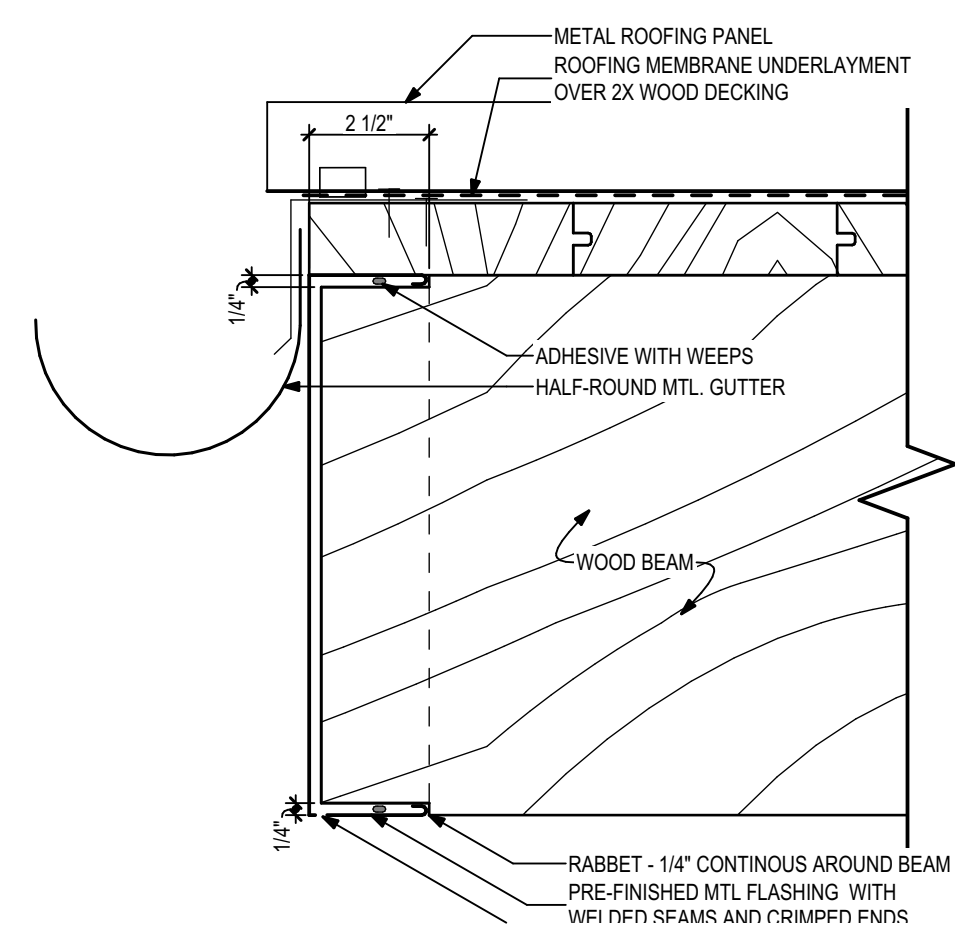
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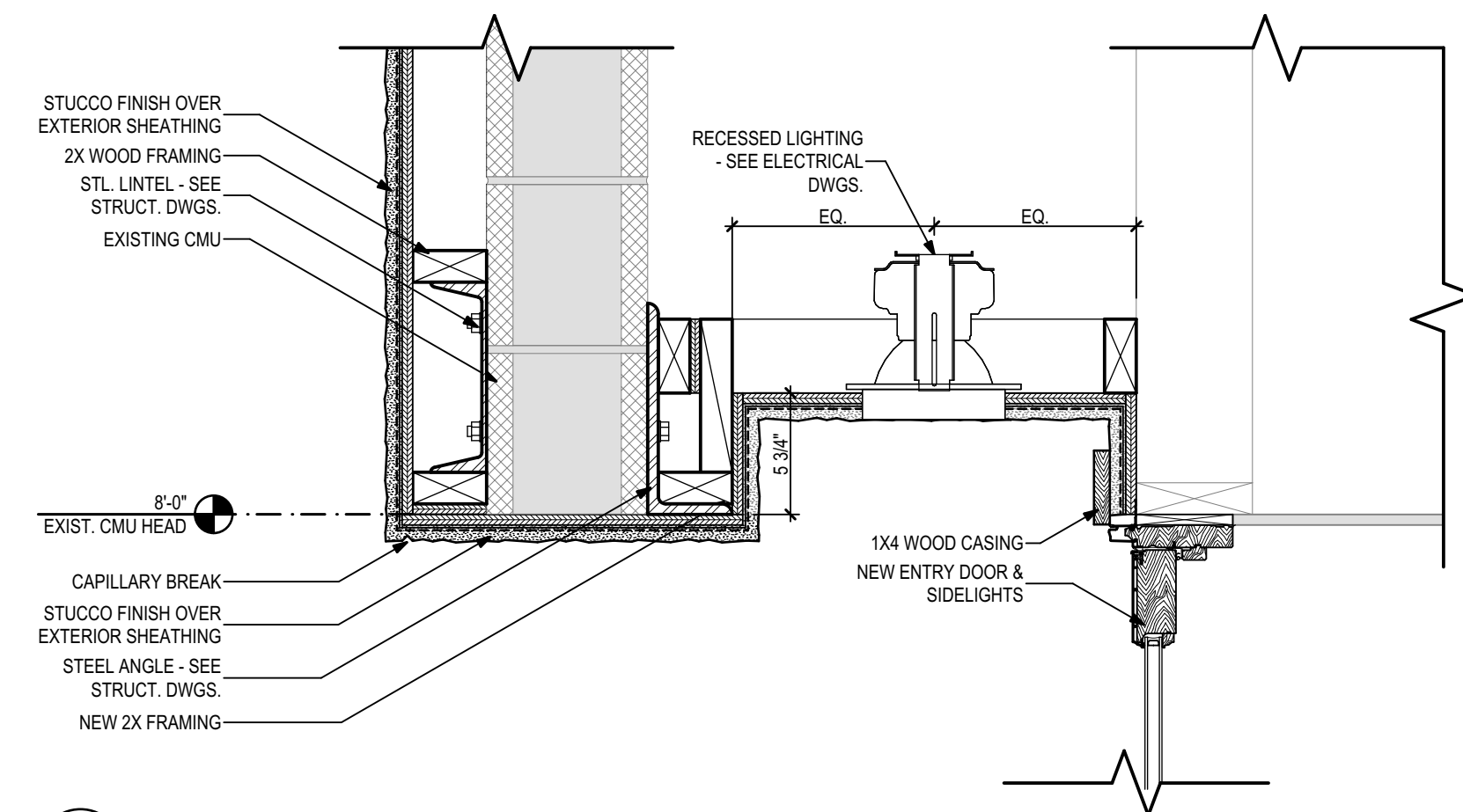
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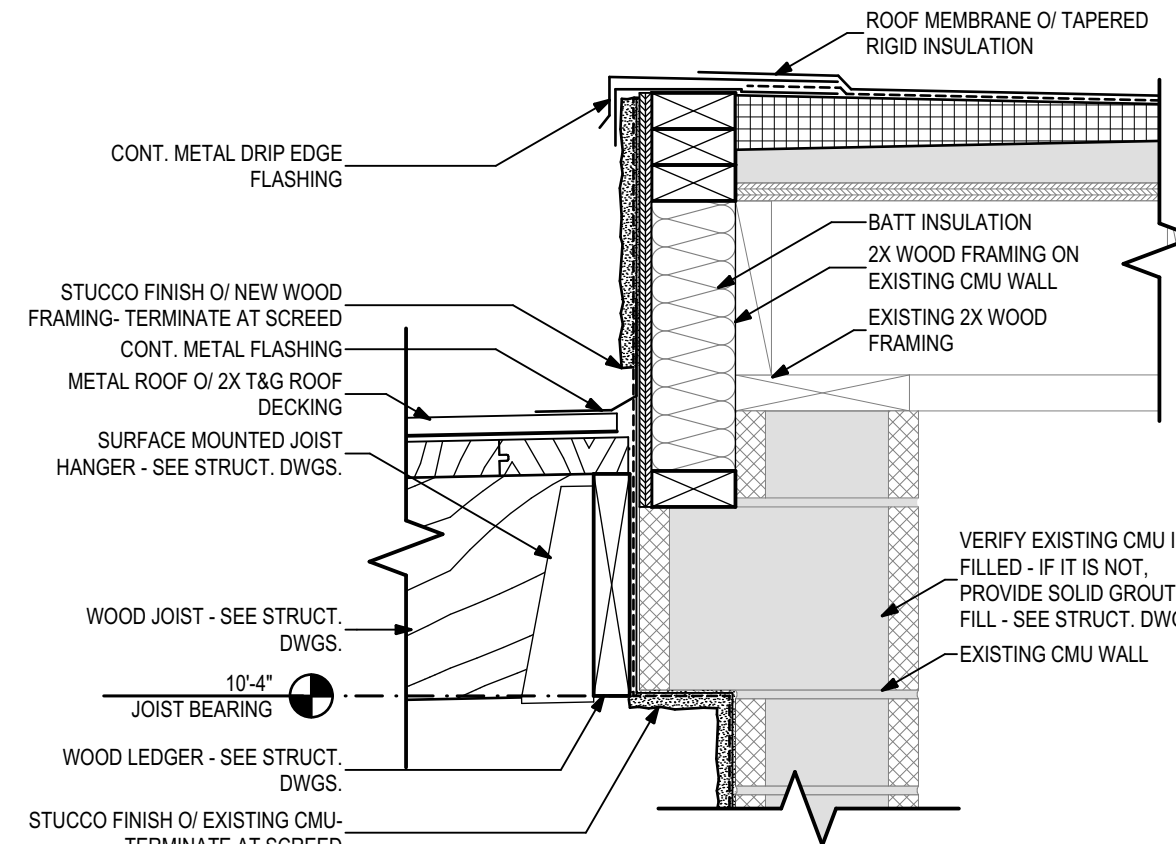
1 Wall Section
3/4" = 1'-0"



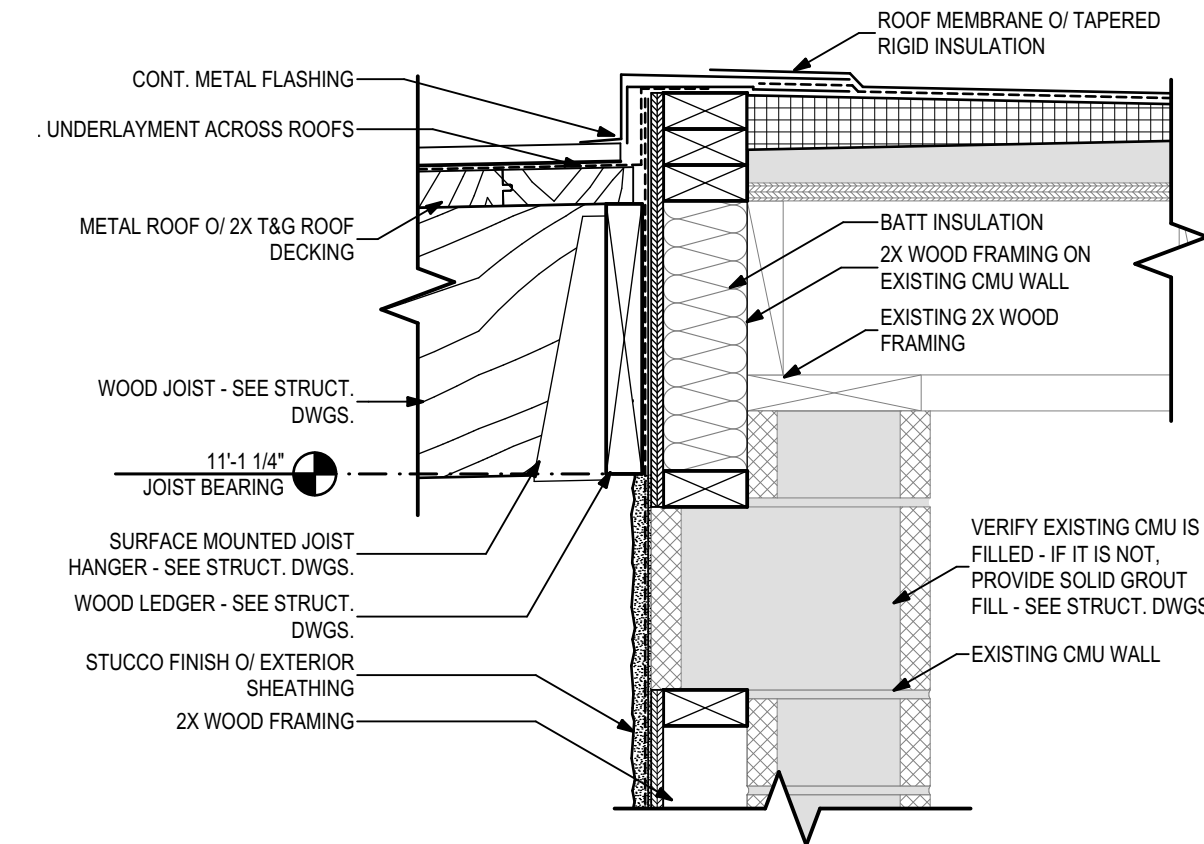
2 Typical Beam Cap Detail
3\"/>



3 Soffit Detail
1 1/2\"/>



4 Lower Roof Connection
1 1/2\"/>



5 Higher Roof Connection
1 1/2\"/>

PHASE:	DRAWN:	REVIEWED:	DATE:	ID:	REVISION:	DATE:
CONCEPT SCHEM. DESIGN	SH/BB					
ADVANCED SCHEM. DESIGN	R. LEWIS		1/13/2020			
20% CONSTRUCTION DOCS.						
50% CONSTRUCTION DOCS.						
PERMIT DOCS.						
100% CONSTRUCTION DOCS.	SH/BB	R. LEWIS	2/20/2020			

Client: Leon County
Tallahassee, Florida

Job Title: Leon County Ag Extension -
Exterior Improvements

Consultant: 14273.11.1
100% Construction Documents

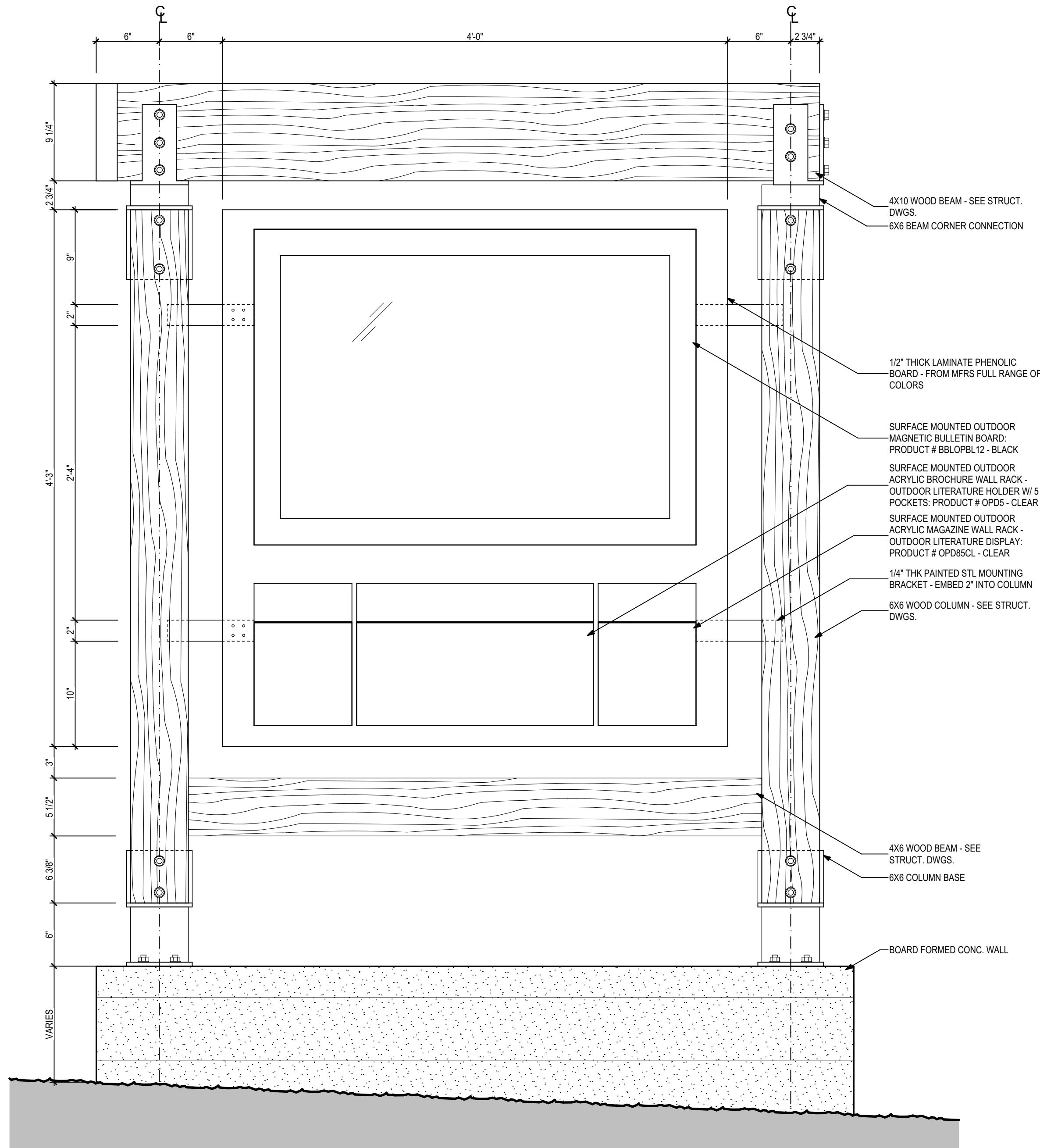
Project #: 14273.11.1
Phase: 100% Construction Documents

ALW
Architects Lewis + Whitlock
206 West Virginia St.
Tallahassee, Florida 32301
850.942.1718
www.think3d.net

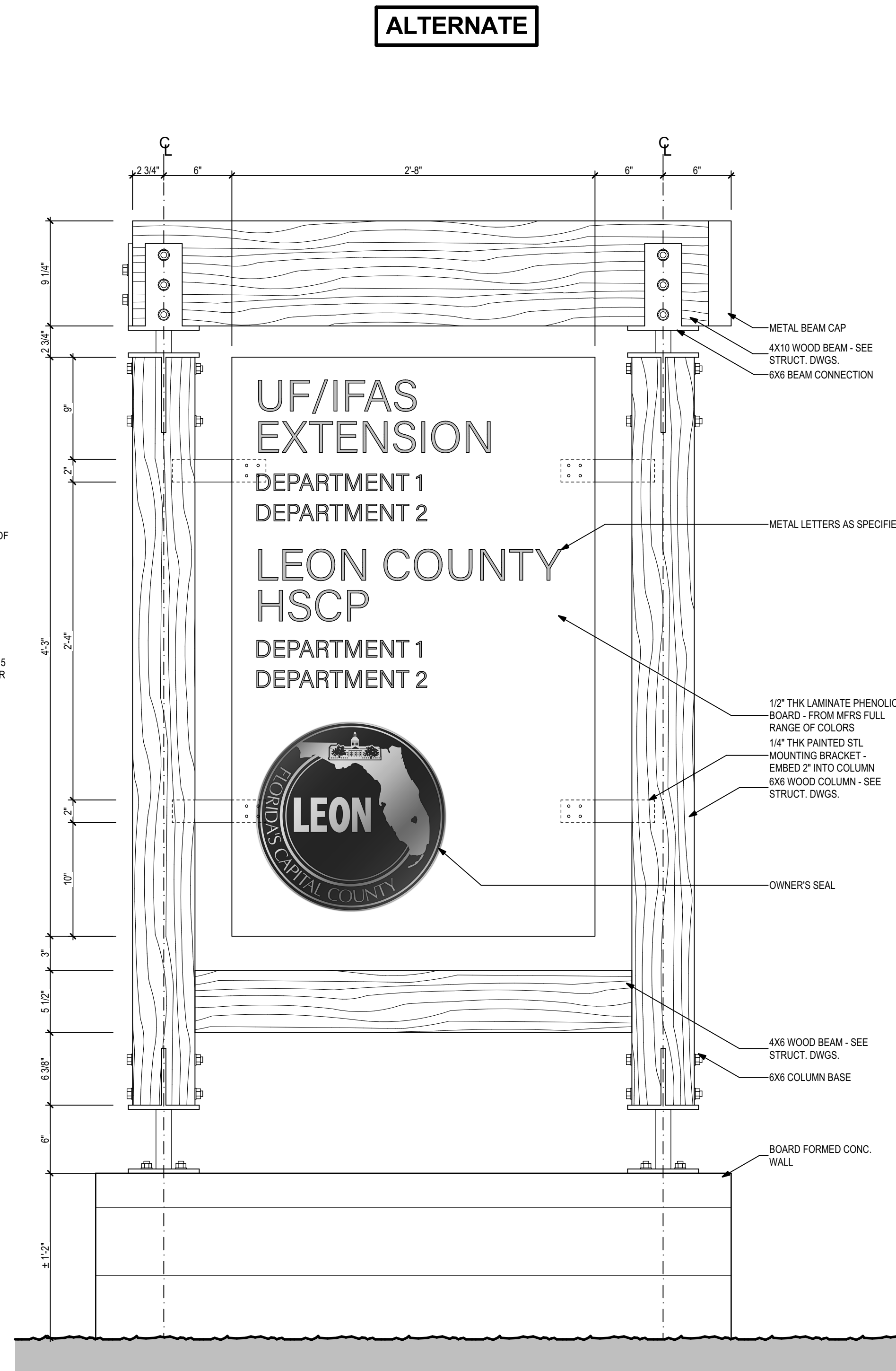
Description:
Building Sections
and Details

Sheet No.:
A3.1

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4 Sign Elevation 1
1 1/2" = 1'-0"

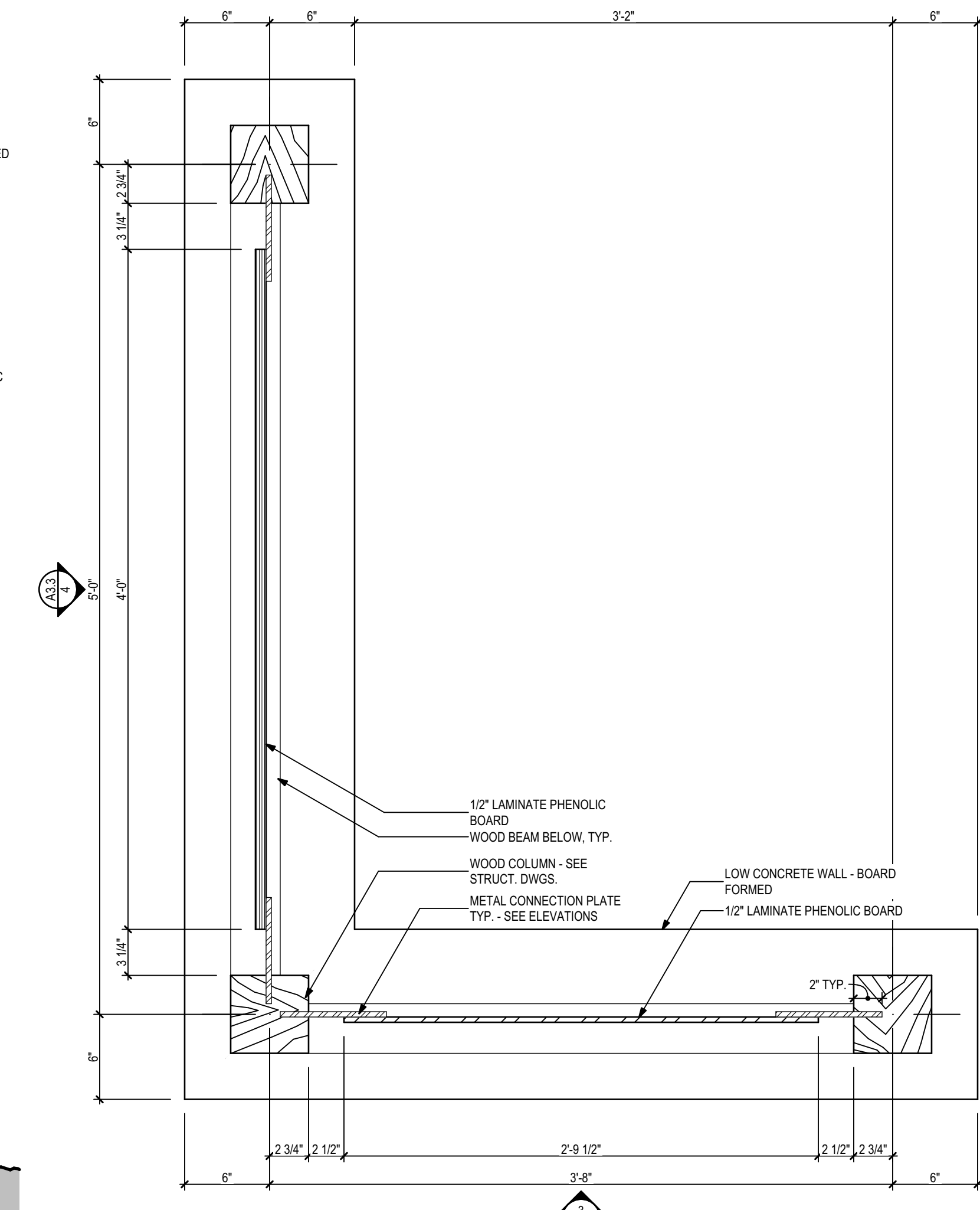


3 Sign Elevation 2
1 1/2" = 1'-0"

ALTERNATE



1 Exterior Sign
1" = 1'-0"



2 Enlarged Signage Plan
1 1/2" = 1'-0"

PHASE:	DRAWN:	REVIEWED:	DATE:	ID:	REVISION:	DATE:
CONCEPT SCHEM. DESIGN	SM					
ADVANCED SCHEM. DESIGN	R. LEWIS		1/13/2020			
50% CONSTRUCTION DOCS.						
80% CONSTRUCTION DOCS.						
PERMIT DOCS.						
100% CONSTRUCTION DOCS.	SM	R. LEWIS	2/20/2020			

Client: **Leon County**
Tallahassee, Florida

Job Title: **Leon County Ag Extension - Exterior Improvements**

Consultant: **ALW**

Project #: **14273.11.1**

Phase: **100% Construction Documents**

Architects Lewis + Whitlock
206 West Virginia St.
Tallahassee, Florida 32301
850.942.1718
www.think3d.net

Description: **Signage Plan & Details**

Sheet No.: **A3.3**

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1. GENERAL NOTES

- THE GOVERNING CODE FOR THIS PROJECT IS THE FLORIDA BUILDING CODE 6th EDITION (2017). THIS CODE PRESCRIBES WHICH EDITION OF EACH REFERENCE STANDARD APPLIES TO THIS PROJECT. UNLESS OTHERWISE NOTED, ALL WORK AND MATERIALS SHALL CONFORM WITH THE GOVERNING BUILDING CODE AND ALL OTHER APPLICABLE FEDERAL, STATE AND LOCAL CODES, STANDARDS, REGULATIONS AND LAWS.
- THE CONTRACTOR SHALL COORDINATE ALL CONTRACT DOCUMENTS WITH FIELD CONDITIONS, DIMENSIONS, AND PROJECT SHOP DRAWINGS PRIOR TO CONSTRUCTION. DO NOT SCALE DRAWINGS. USE ONLY PRINTED DIMENSIONS. REPORT ANY DISCREPANCIES OR FIELD CONDITIONS ENCOUNTERED IN CONFLICT WITH THE DRAWINGS IN WRITING TO THE ARCHITECT AND/OR ENGINEER PRIOR TO PROCEEDING WITH WORK. DO NOT CHANGE SIZE OR LOCATION OF STRUCTURAL MEMBERS WITHOUT WRITTEN INSTRUCTIONS FROM THE ARCHITECT OR ENGINEER OF RECORD.
- THE STRUCTURE SHOWN ON THESE DRAWINGS IS SELF-SUPPORTING ONLY IN ITS COMPLETED FORM. THE DESIGN, ADEQUACY, SAFETY AND STABILITY OR ERECTION BRACING, FORMWORK, SHORING, AND TEMPORARY SUPPORTS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- DETAILS LABELED AS "TYPICAL" APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY REFERENCED, WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION.
- THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTY, HIS OWN WORK, AND THE GENERAL PUBLIC FROM HARM. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, AND JOBSITE SAFETY INCLUDING ALL OSHA REQUIREMENTS. THE STRUCTURAL ENGINEER OF RECORD HAS NO AUTHORITY TO EXERCISE ANY CONTROL OVER ANY CONSTRUCTION PERSONNEL RELATED TO THEIR WORK OR ANY HEALTH OR SAFETY PRECAUTIONS.

2. SHOP DRAWING SUBMITTAL & REVIEW

- SHOP DRAWINGS ARE REQUIRED FOR THE FOLLOWING ITEMS, AT A MINIMUM:
 - CONCRETE REINFORCING BARS
 - CONCRETE MIX DESIGN
 - CONCRETE SLAB JOINT PLAN
 - STRUCTURAL STEEL
 - STEEL STAIR DRAWINGS
 - LIGHT GAUGE METAL FRAMING
 - GROUT MIX DESIGN
 - MASONRY REINFORCING BARS
 - SUB-GRADE AND FILL COMPACTION TEST RESULTS
- ALL SUBMISSIONS OF SHOP DRAWINGS FOR REVIEW SHALL BE MADE ELECTRONICALLY.
- ALLOW TEN (10) WORKING DAYS FOR REVIEW OF EACH SHOP DRAWING COMMENCING THE NEXT WORKING DAY AFTER RECEIPT. CONTRACTOR SHALL PLAN SCHEDULE ACCORDINGLY TO ACCOMMODATE THIS REVIEW TIME.
- SHOP DRAWINGS REVIEW IS FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT. CORRECTIONS OR COMMENTS MADE ON THIS REVIEW DO NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ERRORS AND OMISSIONS, NOR FROM COMPLIANCE WITH THE PLANS AND SPECIFICATIONS. CORRECTIONS OR COMMENTS DO NOT AUTHORIZE AN INCREASE IN THE CONSTRUCTION BUDGET.
- REVIEW OF SHOP DRAWINGS DOES NOT CONSTITUTE ACCEPTANCE OF DEVIATIONS FROM CONTRACT DOCUMENTS OR PREVIOUS SHOP DRAWING REVIEW COMMENTS UNLESS SPECIFICALLY NOTED THEREIN BY THE ENGINEER OF RECORD.
- CONTRACTOR RESPONSIBILITIES PRIOR TO SUBMITTING A SHOP DRAWING OR ANY RELATED MATERIAL TO THE ENGINEER:
 - REVIEW EACH SUCH SUBMISSION FOR CONFORMANCE WITH THE MEANS, METHODS, TECHNIQUES, SEQUENCES AND OPERATIONS OF CONSTRUCTION, AND SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL THERETO WHICH ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
 - REVIEW AND APPROVE EACH SET PRIOR TO SUBMISSION WHICH SHALL INCLUDE VERIFICATION OF ALL DIMENSIONS AND GENERAL CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS.
- THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL CHANGES OR DELAYS CAUSED BY SUBMITTING INCOMPLETE SHOP DRAWINGS AND SHALL NOT BEGIN CONSTRUCTION OR FABRICATION WITHOUT RECEIPT OF REVIEWED SHOP DRAWINGS.

3. DESIGN SUPERIMPOSED LOADS

ROOF LOAD	= 20 PSF LIVE, 20 PSF DEAD
STAIRS	= 100 PSF LIVE, 15 PSF DEAD
GUARDRAILS	
TOP RAIL	= 200 LBS OR 50 PLF IN ANY DIRECTION (NON-CONCURRENT)
INTERMEDIATE RAIL	= 50 LBS OVER 12" x 12" AREA

4. WIND LOAD DESIGN CRITERIA (PER ASCE 7-10)

WIND SPEED (ULT/ASD)	= 120 MPH / 93 MPH
RISK CATEGORY	= II
WIND EXPOSURE CATEGORY	= B
ENCLOSURE CLASSIFICATION	= OPEN
EDGE ZONE WIDTH (e)	= 3'-0"

5. EARTHWORK FOR STRUCTURES

- ALLOWABLE SOIL BEARING CAPACITY IS ASSUMED TO BE 2,000 PSF ON UNDISTURBED SOILS OR COMPACTED STRUCTURAL FILL. CONTRACTOR SHALL OBTAIN THE SERVICES OF A QUALIFIED GEOTECHNICAL ENGINEER TO PERFORM ALL NECESSARY TESTING, VERIFY THE BEARING CAPACITY OF THE SOILS, AND MAKE RECOMMENDATIONS FOR SITE PREPARATION.
- UNLESS NOTED OTHERWISE IN THE GEOTECHNICAL REPORT, ALL SOIL BELOW SLABS ON GRADE AND FOOTINGS SHALL BE COMPACTED TO A DEPTH OF 12 INCHES AT OPTIMUM MOISTURE CONTENT TO 95% OF THE MODIFIED PROCTOR, ASTM D1557. FILL SHALL BE PLACED AND COMPACTED IN LIFTS NO GREATER THAN 12 INCHES.
- SUB-GRADE PREPARATION SHALL BE FIELD CONTROLLED AND TESTED BY A LICENSED GEOTECHNICAL ENGINEER IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. AT COMPLETION, THAT ENGINEER SHALL PREPARE AND SUBMIT TO THE OWNER, ARCHITECT, CONTRACTOR, AND STRUCTURAL ENGINEER A SIGNED AND SEALED LETTER INDICATING THAT THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT HAVE BEEN FOLLOWED.
- THE CONTRACTOR SHALL PROVIDE TEST PITS AT THE GEOTECHNICAL ENGINEER'S RECOMMENDATION AND UNDERCUT ALL PLASTIC CLAYS WITHIN 24 INCHES OF THE BOTTOM OF ALL FOOTINGS, SLABS ON GRADE, OR PAVEMENTS. UNDERCUT MATERIAL SHALL BE REPLACED WITH COURSE GRAINED APPROVED FILL OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER OF RECORD.

6. SLAB ON GRADE

- REFER TO GEOTECHNICAL REPORT FOR SUB-GRADE PREPARATION MORE THAN 12 INCHES BELOW BOTTOM OF SLAB.
- ABOVE SUB-GRADE, USE FILL CONTAINING NOT MORE THAN 12% PASSING #200 SIEVE AND MAXIMUM 1% COMPACT TO A DENSITY OF 95% OF THE MAXIMUM DRY DENSITY THROUGHOUT ITS FULL DEPTH AS DETERMINED BY MODIFIED PROCTOR ASTM D-1557.
- ALL INTERIOR AND EXTERIOR SLABS ON GRADE SHALL BE A MINIMUM OF 4 INCHES THICK REINFORCED WITH 6x6 W1.4 x W1.4 WELDED WIRE MESH PLACED ON 6 MIL POLYETHYLENE SHEETING, UNLESS OTHERWISE NOTED IN THE CONSTRUCTION DOCUMENTS.
- UNLESS OTHERWISE NOTED IN THE PLANS, PROVIDE CRACK CONTROL JOINTS AT 15 FEET MAXIMUM TO LIMIT AREAS BETWEEN JOINTS TO 225 SQUARE FEET IN ALL SLABS ON GRADE. LOCATE TO CONFORM TO BAY SPACING WHENEVER POSSIBLE. ADD CRACK CONTROL JOINTS AT RE-ENTRANT CORNERS WHICH TEND TO INVITE CRACKS.
- IN SIDEWALKS AND WALKWAYS, LOCATE ISOLATION JOINTS AT 20 FEET ON CENTER, MAXIMUM. SCORE AND TOOL BETWEEN ISOLATION JOINTS IN EQUAL BAYS OF 5 FEET OR LESS.
- SEE THE ARCHITECTURAL DRAWINGS FOR SLAB ON GRADE DEPRESSIONS AND OTHER REQUIREMENTS.

7. FORMWORK

- DESIGN, ERECTION AND REMOVAL OF FORMWORK, AND SHORING AND RESHORING IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
- CONSTRUCTION, ERECTION, AND REMOVAL OF FORMWORK SHALL BE IN ACCORDANCE WITH ACI 301 AND 347.

8. REINFORCEMENT

- ALL REINFORCING STEEL SHALL BE INTERMEDIATE GRADE BILLET STEEL CONFORMING TO ASTM A615, GRADE 60, WITH THE FOLLOWING MINIMUM SPLICE LENGTH.
 - CONCRETE REINFORCEMENT = SEE PROVIDED LAP SCHEDULE
 - MASONRY REINFORCEMENT = 48 BAR DIAMETERS U.N.O.
- PROVIDE ADDITIONAL HORIZONTAL CORNER BARS TO MATCH MAIN HORIZONTAL REINFORCING STEEL AT ALL BEAMS, OR WALL INTERSECTIONS, CORNERS AND OTHER CONCRETE DIRECTIONAL CHANGES, INCLUDING FOOTINGS.
- ALL BENDS, AND 90° AND 180° HOOKED BARS SHALL BE FABRICATED IN ACCORDANCE WITH ACI AND AS INDICATED IN THE STANDARD DETAILS.
- REINFORCING SHALL BE ACCURATELY PLACED, RIGIDLY SUPPORTED AND FIRMLY TIED IN PLACE, WITH APPROPRIATE BAR SUPPORTS AND SPACERS.
- WHERE SPECIFIED, PROVIDE PLAIN, COLD-DRAWN ELECTRICALLY-WELDED WIRE REINFORCEMENT CONFORMING TO ASTM A 1064. SUPPLY IN FLAT SHEETS ONLY. LAP SPLICE TWO CROSS WIRES PLUS TWO INCHES.

9. CONCRETE

- ALL CONCRETE CONSTRUCTION SHALL COMPLY WITH ACI 301 AND 318 AND CRSI STANDARDS.
- PROVIDE STRUCTURAL CONCRETE WITH A MINIMUM ULTIMATE COMPRESSIVE DESIGN STRENGTH IN 28 DAYS OF:

FOUNDATIONS	3,000 PSI	NW
SLAB ON GRADE	3,000 PSI	NW
RETAINING WALL	4,000 PSI	NW

- ALL CONCRETE SHALL BE NORMAL WEIGHT (NW), U.O.N. WITH A DESIGN UNIT WEIGHT OF 150 PCF.
- CONTRACTOR SHALL MAKE SETS OF FOUR ACCEPTANCE CYLINDERS FOR STRENGTH TESTING FOR EACH 50 CUBIC YARDS OF CONCRETE PLACED. CYLINDERS SHALL BE MADE IN ACCORDANCE WITH ASTM C31 AND C172. TESTING SHALL BE PERFORMED BY AN ACI CERTIFIED TESTING LABORATORY AND SHALL BE PAID FOR BY THE CONTRACTOR. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND/OR STRUCTURAL ENGINEER OF ANY TEST NOT MEETING THE REQUIREMENTS OF THE SPECIFIED TESTS. COPIES OF REPORTS DOCUMENTING THE TEST RESULTS SHALL BE MAINTAINED BY THE CONTRACTOR AND MADE AVAILABLE UPON REQUEST.
- PROVIDE COVER OVER REINFORCING STEEL AS FOLLOWS:

CAST AGAINST & EXPOSED TO EARTH/WEATHER	3"
EXPOSED TO EARTH/WEATHER	
#6 THROUGH #18 REBAR	2"
#5 REBAR, W31/D31 WIRE OR SMALLER	1-1/2"
NOT EXPOSED TO EARTH/WEATHER	
SLABS, WALLS, JOISTS	
#14 AND #18 REBAR	1-1/2"
#11 REBAR AND SMALLER	3/4"
BEAMS AND COLUMNS	
REINF, TIES, STIRRUPS, SPIRALS	1-1/2"
- CURE ALL CONCRETE SURFACES FOR A PERIOD OF SEVEN DAYS UNTIL AVERAGE COMPRESSIVE STRENGTH HAS REACHED 70% OF THE SPECIFIED 28 DAY STRENGTH. CURING SHALL BE BY PONDING, MOIST CURING WITH SAND OR ABSORPTIVE MATS KEPT CONTINUOUSLY WET, CONTINUOUS APPLICATION OF STEAM (NOT EXCEEDING 105°F) OR MIST SPRAY, WATERPROOF CURING PAPER, OR LIQUID MEMBRANE FORMING CURING COMPOUND. SELECTION OF CURING METHOD SHALL BE COMPATIBLE WITH THE FINISH TO BE APPLIED TO THE CONCRETE SURFACE.
- IN WALL CONSTRUCTION, CONCRETE SHALL BE PLACED IN A CONTINUOUS OPERATION IN LIFTS NOT TO EXCEED FOUR FEET. EACH LIFT SHALL BE CONSOLIDATED BY INTERNAL VIBRATION PRIOR TO CONTINUING TO THE NEXT LIFT. CONCRETE SHALL BE PLACED THROUGH VERTICAL, FLEXIBLE TRUNKS OR SHOOTS THAT CAN EXTEND TO THE BOTTOM OF THE FORMS. THE TRUNK SHALL BE LIFTED AS THE CONCRETE RISES. THE CONCRETE SHALL NOT FREE FALL.
- WHERE REINFORCING STEEL CONGESTION PERMITS, CONDUIT AND PIPES UP TO ONE INCH DIAMETER MAY BE EMBEDDED IN CONCRETE PER ACI 318, SECTION 6.3. SPACE AT THREE DIAMETERS ON CENTER. PLACE BETWEEN OUTER LAYERS OF REINFORCING IF CONDUITS ARE SIGNIFICANTLY CONGESTED. ADDITIONAL REINFORCING PERPENDICULAR TO PIPING MAY BE REQUIRED. REQUESTS TO EMBED LARGER PIPES SHOULD BE ACCOMPANIED BY A DETAILED DESCRIPTION AND BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR EVALUATION.

10. CONCRETE MASONRY

- CONCRETE MASONRY MATERIALS AND CONSTRUCTION SHALL CONFORM WITH ACI 530.
- COMPRESSIVE STRENGTH OF MASONRY SHALL BE DETERMINED BY THE UNIT STRENGTH METHOD AS SET FORTH IN ACI 530.1. THE NET AREA COMPRESSIVE STRENGTH OF MASONRY (F_m) SHALL BE A MINIMUM OF 1,500 PSI AT 28 DAYS.
- USE 50% SOLID CONCRETE MASONRY UNITS CONFORMING TO ASTM C90 WITH A MINIMUM NET AREA COMPRESSIVE STRENGTH OF 1,900 PSI AT 28 DAYS.
- USE TYPE S MORTAR IN ACCORDANCE WITH ASTM C270 EXCEPT USE TYPE M MORTAR BELOW GRADE. HEAD AND BED JOINTS SHALL BE 3/8 INCH FOR THE THICKNESS OF THE FACE SHELL. WEBS ARE TO BE FULLY MORTARED IN ALL COURSES OF PIERS, COLUMNS AND PILASTERS, IN THE STARTING COURSE AND WHERE AN ADJACENT CELL IS TO BE GROUDED. REMOVE MORTAR PROTRUSIONS EXTENDING 1/2 INCH OR MORE INTO CELLS TO BE GROUDED.
- USE FINE OR COURSE GROUT CONFORMING TO ASTM C476, WITH A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI IN 28 DAYS. AGGREGATE SHALL CONFORM TO ASTM C404 FOR GROUT SELECTED, WITH SLUMP OF 8 INCHES TO 11 INCHES.
- ALL REINFORCED CELLS AND CELLS WITH EXPANSION BOLTS, EMBED PLATES, OR OTHER ANCHORS AND ALL CELLS BELOW GRADE SHALL BE GROUDED SOLID IN ACCORDANCE WITH ACI 530.1. ALLOW MORTAR TO CURE 24 HOURS PRIOR TO GROUDED.
- LAY UP UNITS IN RUNNING BOND UNLESS OTHERWISE NOTED. SAW CUT UNITS WHICH ARE NOT IN MULTIPLES OF 8 INCHES WITH ALL UNITS BEING AT LEAST 8 INCHES LONG. BAND CORNERS BY LAPPING ENDS 8 INCH IN SUCCESSIVE VERTICAL COURSES.
- USE STANDARD (9 GAGE) HORIZONTAL JOINT REINFORCING CONFORMING TO ASTM A 82 IN EVERY OTHER COURSE. OVERLAP DISCONTINUOUS ENDS 6 INCHES. USE PREFABRICATED CORNERS AND TEES. USE TRUSS TYPE, EXCEPT USE LADDER TYPE IN WALLS WITH VERTICAL REINFORCING. EXTEND JOINT REINFORCING A MINIMUM OF 4 INCHES INTO THE COLUMNS.
- UNLESS OTHERWISE NOTED, GROUT LIFT SHALL NOT EXCEED 5 FEET.
- FOR HIGH-LIFT GROUDED, USE 5 FOOT MAXIMUM LIFTS WITH 1/2 HOUR TO 1 HOUR BETWEEN LIFTS. VIBRATE EACH LIFT AND RECONSOLIDATE THE PREVIOUS LIFT. PROVIDE CLEANOUT HOLES AT THE BASE OF CELLS TO BE GROUDED FOR GROUDED HEIGHTS EXCEEDING 5 FEET.
- USE ASTM A 615 GRADE 60 REINFORCING STEEL. REINFORCE WALLS WHERE INDICATED ON THE DRAWINGS AND AT ALL INTERSECTIONS, EACH SIDE OF OPENINGS AND AT THE ENDS OF WALLS. USE BAR SPACERS AT 10 FEET ON CENTER WHERE GROUT POUR HEIGHT EXCEEDS 10 FEET.
- AT BOND/TIE BEAM CORNERS AND INTERSECTIONS, PLACE 1 #5 x 5'-0" CORNER BAR, WITH 30 INCH LEGS EACH WAY, AT THE EXTERIOR FACE.
- ALL NON-LOAD BEARING, INTERIOR CMU WALLS SHALL BE BRACED AT THE TOP AND REINFORCED AS FOLLOWS, UNLESS NOTED OTHERWISE.

0'-0" to 12'-0"	HIGH - NO VERT. REINF.
12'-1" to 16'-0"	HIGH - #5 @ 72" O.C.
16'-1" to 20'-0"	HIGH - #5 @ 48" O.C.
20'-1" to 28'-0"	HIGH - #5 @ 24" O.C.

11. STRUCTURAL STEEL

- FABRICATE AND ERECT STRUCTURAL STEEL IN CONFORMANCE, W/ AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS", WITH COMMENTARY, AND ALL OSHA REQUIREMENTS.
- STRUCTURAL STEEL SHAPES SHALL BE FABRICATED FROM THE FOLLOWING MATERIALS:

ROLLED W AND WT SHAPES:	ASTM A992, GRADE 50.
ROLLED M, S, C AND MC SHAPES AND ANGLES:	ASTM A36, Fy=36 KSI.
PLATES AND BARS:	ASTM A36, Fy=36 KSI.
STEEL PIPE:	ASTM A53, GRADE B, Fy=35 KSI.
COLD-FORMED HOLLOW STRUCTURAL SECTIONS (HSS):	
SQUARE AND RECTANGULAR SECTIONS:	ASTM A500, GRADE C, Fy=50 KSI.
ROUND SECTIONS:	ASTM A500, GRADE C, Fy=46 KSI.
- ALL SHOP AND FIELD WELDING SHALL CONFORM TO THE AWS D1.1 STRUCTURAL WELDING CODE BY THE AMERICAN WELDING SOCIETY. USE E70 SERIES WELDING ELECTRODES, U.O.N. WHERE NECESSARY, REMOVE GALVANIZING OR PRIMER PRIOR TO WELDING.
- A325 BOLTS SHALL COMPLY WITH "SPECIFICATION FOR STRUCTURAL JOINTS USING: ASTM A325 OR A490 BOLTS", INCLUDING COMMENTARY.
- TYPICAL BOLTS USED IN STRUCTURAL CONNECTIONS FOR THIS PROJECT ARE 3/4 INCH DIAMETER, U.O.N.
- TIGHTEN BEARING-TYPE BOLTS (A-325N) TO THE SNUG TIGHT CONDITION AS FOLLOWS:
 - BOLTS SHALL BE PLACED IN ALL HOLES, WITH WASHERS POSITIONED AS REQUIRED AND NUTS THREADED TO COMPLETE THE ASSEMBLY.
 - COMPACTING THE JOINT TO THE SNUG-TIGHT CONDITION SHALL PROGRESS SYSTEMATICALLY FROM THE MOST RIGID PART OF THE JOINT.
 - THE SNUG-TIGHTENED CONDITION IS THE TIGHTNESS THAT IS ATTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRONWORKER USING AN ORDINARY SPUD WRENCH.
 - MORE THAN ONE CYCLE THROUGH THE BOLT PATTERN MAY BE REQUIRED TO ACHIEVE THE SNUG-TIGHTENED JOINT.
 - PROVIDE HARDENED WASHERS CONFORMING TO ASTM F436 AND PLACE UNDER THE PART BEING TURNED.
 - DO NOT REUSE OR RE-TIGHTEN BOLTS WHICH HAVE BEEN FULLY TIGHTENED. USE ONLY NON-GALVANIZED NUTS AND BOLTS THAT ARE CLEAN, RUST-FREE, AND WELL LUBRICATED. BOLTS AND NUTS SHALL BE WAX DIPPED BY THE BOLT SUPPLIER.
 - STORE FASTENER COMPONENTS TO PREVENT CONTAMINATION BY MOISTURE OR OTHER DELETERIOUS SUBSTANCES. FASTENERS FROM OPEN CONTAINERS AND FASTENERS THAT ACCUMULATE RUST OR DIRT SHALL NOT BE USED AND SHALL BE IMMEDIATELY AND PERMANENTLY REMOVED FROM THE PROJECT SITE.
- HOT DIPPED GALVANIZATION:
 - AFTER FABRICATION, ALL INDICATED STRUCTURAL MEMBERS SHALL BE GALVANIZED PER ASTM A123 TO A MINIMUM COATING THICKNESS OF 3.9 MILS.
 - FIELD DRILLING, CUTTING, WELDING OR OTHER DAMAGING ADJUSTMENTS SHALL NOT BE PERMITTED AFTER GALVANIZATION WITHOUT APPROVAL OF THE EOR.
 - TOUCH UP ANY DAMAGE TO GALVANIZED SURFACES WITH TWO COATS OF ZINC-BASED TOUCH UP COATING: ZRC COLD GALVANIZING COMPOUND, MANUFACTURED BY ZRC WORLDWIDE OR APPROVED ALTERNATIVE.
- SETTING BASE AND BEARING PLATES:
 - CLEAN CONCRETE BEARING SURFACE OF BOND-REDUCING MATERIALS AND CLEAN BOTTOM OF BASE PLATE.
 - SET BASE OR BEARING PLATE ON WEDGE OR OTHER ADJUSTING DEVICES AS REQUIRED.
 - TIGHTEN ANCHOR RODS AFTER STRUCTURAL STEEL FRAME HAS BEEN PLUMBED. DO NOT REMOVE WEDGES OR SHIMS BUT, IF PROTRUDING, CUT OFF FLUSH WITH EDGE OF BASE OR BEARING PLATE PRIOR TO PACKING WITH GROUT.
 - PACK OR POUR NON-SHRINK GROUT SOLIDLY BETWEEN BEARING SURFACE AND BASE OR BEARING PLATE. ENSURE THAT NO VOIDS REMAIN. FINISH EXPOSED SURFACES, PROTECT GROUT AND ALLOW TO CURE.
 - NON-SHRINK GROUT SHALL BE NONMETALLIC SHRINKAGE RESISTANT GROUT CONFORMING TO ASTM C1107.
 - FOR PROPRIETARY GROUT MATERIALS, COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
 - BASE PLATES MUST BE GROUDED A MINIMUM OF 72 HOURS PRIOR TO PLACING CONCRETE SLABS ON SUPPORTING STEEL STRUCTURE.
- CUT, DRILL, OR PUNCH HOLES PERPENDICULAR TO METAL SURFACES. REAM HOLES THAT MUST BE ENLARGED TO ADMIT BOLTS AS PERMITTED BY ARCHITECT. DO NOT ENLARGE UNFAIR HOLES BY BURNING OR USING DRIFT PINS.

12. POST-INSTALLED ANCHORS

- POST-INSTALLED ANCHORS SHALL ONLY BE USED WHERE SPECIFIED ON THE DRAWINGS. CONTRACTOR SHALL OBTAIN APPROVAL FROM EOR PRIOR TO USING POST-INSTALLED ANCHORS FOR MISSING OR MISPLACED ANCHORS.
- ALL NECESSARY CARE SHALL BE USED TO AVOID CONFLICTS WITH EXISTING REINFORCEMENT WHEN DRILLING HOLES. HOLES SHALL BE DRILLED AND CLEANED PER THE MANUFACTURER'S INSTRUCTIONS. ANCHORS SHALL BE INSTALLED PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AT NO LESS THAN THE MINIMUM EDGE DISTANCES AND/OR SPACINGS INDICATED IN THE MANUFACTURER'S LITERATURE.
- SPECIAL INSPECTION SHALL BE PROVIDED FOR ALL ADHESIVE AND MECHANICAL ANCHOR INSTALLATIONS AS REQUIRED BY THE EOR.
- CONFIRM THE ABSENCE OF REINFORCING STEEL BY DRILLING A 1/4" PILOT HOLE FOR EACH ANCHOR. DO NOT CUT REINFORCING STEEL WITHOUT APPROVAL OF THE STRUCTURAL ENGINEER.
- UNLESS NOTED OTHERWISE IN THE PLANS, ACCEPTABLE PRODUCTS FOR MECHANICAL AND ADHESIVE ANCHORS ARE AS LISTED BELOW:
 - MECHANICAL ANCHORS INTO CONCRETE
 - HILTI KWIK BOLT TZ CARBON & STAINLESS STEEL ANCHORS
 - REDHEAD TRUBOLT + WEDGE ANCHORS
 - SIMPSON STRONG TIE STRONG-BOLT
 - MECHANICAL ANCHORS INTO MASONRY LINTELS OR GROUT FILLED CELLS
 - HILTI KWIK BOLT 3 MASONRY ANCHORS
 - SIMPSON STRONG TIE WEDGE-ALL ANCHOR
 - ADHESIVE ANCHORS INTO CONCRETE
 - HILTI HIT-RE 500-SD ADHESIVE
 - REDHEAD EPCON GS ADHESIVE
 - SIMPSON STRONG TIE SET-XP EPOXY TIE ADHESIVE
 - ADHESIVE ANCHORS INTO MASONRY LINTELS OR GROUT FILLED CELLS
 - HILTI HIT HY-150 MAX ADHESIVE
 - SIMPSON STRONG TIE SET EPOXY-TIE ADHESIVE

13. TIMBER FRAMING

- STRUCTURAL TIMBER FRAMING MEMBERS SHALL BE KDAT No. 2 SOUTHERN PINE, OR STRONGER.
- PROVIDE PRESSURE TREATED MEMBERS WHERE P.T. IS INDICATED AND AT OTHER LOCATIONS WHERE IN CONTACT WITH MASONRY/CONCRETE OR GROUND, OR WHERE EXPOSED TO WEATHER. ALL MEMBERS REQUIRED TO BE PRESSURE TREATED SHALL BE RATED FOR GROUND CONTACT WHEN ANY PORTION OF THE MEMBER IS WITHIN 12 INCHES OF GROUND.
- WINDOW AND DOOR HEADERS SHALL BE PER F.B.C. 2308.9.5.
- HEADERS AND BEAMS CONSTRUCTED OF MULTIPLE MEMBERS SHALL BE SECURED WITH 3-10d NAILS @ 12 INCHES O.C. (EACH SIDE), MINIMUM.
- BLOCKING FOR WALL STUDS SHALL BE THE SAME DIMENSION AS THE WALL STUDS AND SPACED NO MORE THEN 4'-0" O.C. BLOCKING SHALL ALIGN WITH JOINTS IN THE SHEATHING.
- EXCEPT WHERE FASTENERS ARE SPECIFIED, PROVIDE NAILING PATTERNS PER THE F.B.C. PROVIDE GALVANIZED FASTENERS WHERE INDICATED.
- PRE-DRILL HOLES FOR THRU BOLTS AT NOMINAL BOLT DIAMETER PLUS 1/8".
- PRE-DRILL LAG HOLES FOR LAG SCREWS AS FOLLOWS:

3/8" LAG SCREWS - LEAD HOLE TO BE 15/64"
1/2" LAG SCREWS - LEAD HOLE TO BE 5/16"
- ENGINEERED TIMBERS SUCH AS PSL, LVL, TJI ETC. SHALL BE AS MANUFACTURED BY "WEYERHAEUSER" OR APPROVED EQUAL.
- MATERIAL PROPERTIES FOR ENGINEERED LUMBER BEAMS SHALL BE AS FOLLOWS, AT A MINIMUM:

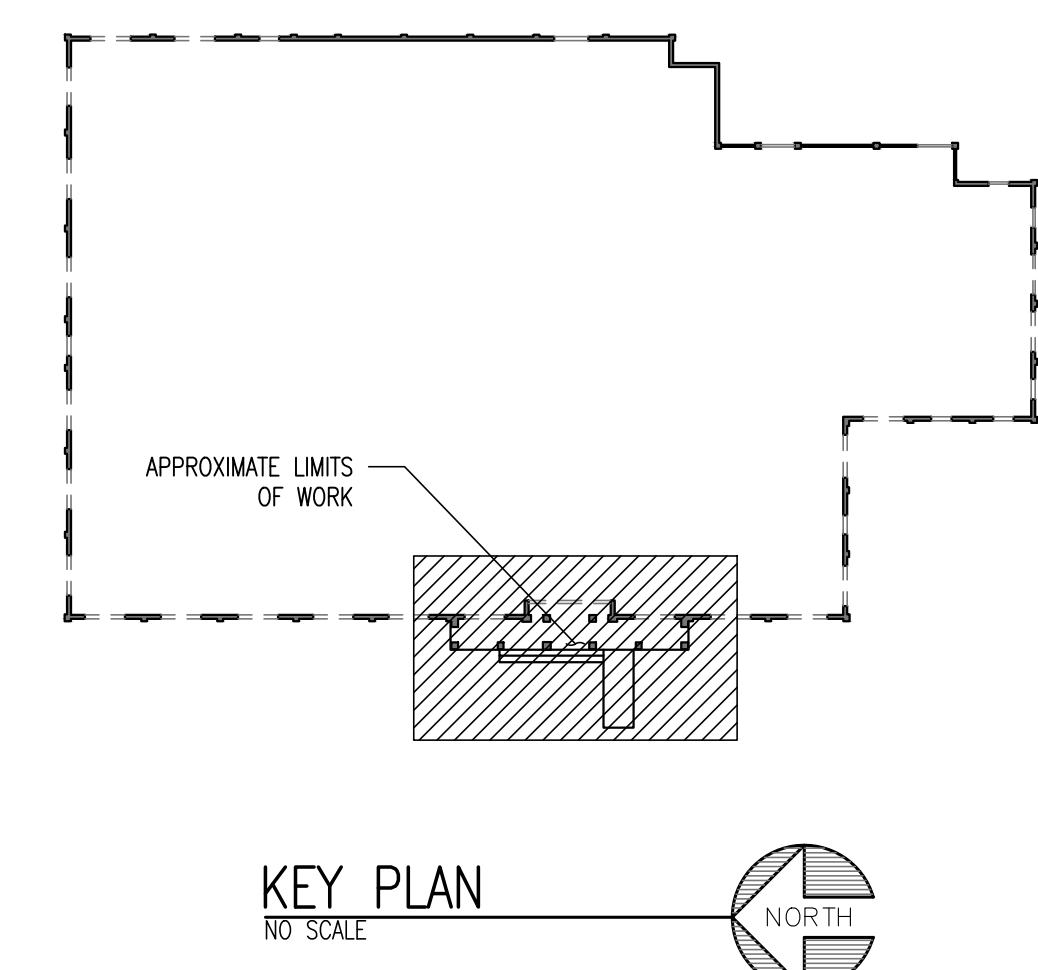
	E	Fb	Fc (PERP)	Fc (PARA)	Fv
PARALLAM (PSL):	2,000 KSI	2,900 PSI	625 PSI	2,900 PSI	425 PSI
MICROLAM (LVL):	2,000 KSI	2,600 PSI	750 PSI	2,510 PSI	285 PSI
TIMBERSTRAND (LSL):	1,300 KSI	1,700 PSI	710 PSI	1,835 PSI	290 PSI

13.11. GLUED LAMINATED TIMBERS

- TIMBERS SHALL BE APPEARANCE GRADES CONFORMING TO AITC 110.
- TIMBERS SHALL BE FABRICATED FROM SOUTHERN PINE AND SHALL CONFORM TO AITC 117, "STANDARD SPECIFICATIONS FOR STRUCTURAL GLUED LAMINATED TIMBER OF SOFTWOOD SPECIES"

14. WOOD SHEATHING

- ROOF SHEATHING SHALL BE 3/8" PLYWOOD (RATED STRUCTURAL 1, STRENGTH INDEX 24/16) FASTEN WITH 10d RINGSHANK NAILS AT 4" ALONG PANEL EDGES INCLUDING BLOCKING AND OPENINGS AND 6" ALONG INTERMEDIATE SUPPORTING MEMBERS.
- WALL SHEATHING SHALL BE 1/2" PLYWOOD (RATED STRUCTURAL 1, STRENGTH INDEX 24/16) FASTEN WITH 8d NAILS AT 4" ALONG PANEL EDGES INCLUDING BLOCKING AND OPENINGS AND 12" ALONG INTERMEDIATE SUPPORTING MEMBERS.
- FLOOR SHEATHING SHALL BE 3/4" TONGUE AND GROOVE PLYWOOD (RATED STRUCTURAL 1, APA RATED 48/24) GLUE TO FLOOR FRAMING WITH HIGH STRENGTH CONSTRUCTION ADHESIVE IN COMPLIANCE WITH ASTM D3498 AND FASTENED TO EACH SUPPORT WITH 10d RINGSHANK NAILS AT 6" ALONG PANEL EDGES AND INTERMEDIATE SUPPORTING MEMBERS.
- FASTENERS FOR WALL SHEATHING SHALL BE HILTI KWIK-PRO SELF DRILLING SCREWS (S-WD 10-24x1 PWH #3) OR APPROVED ALTERNATIVE @ 6" O.C. ALONG ALL PANEL EDGES INCLUDING BLOCKING, CORNERS AND OPENINGS AND 12" O.C. ALONG ALL INTERMEDIATE SUPPORTING EDGES.



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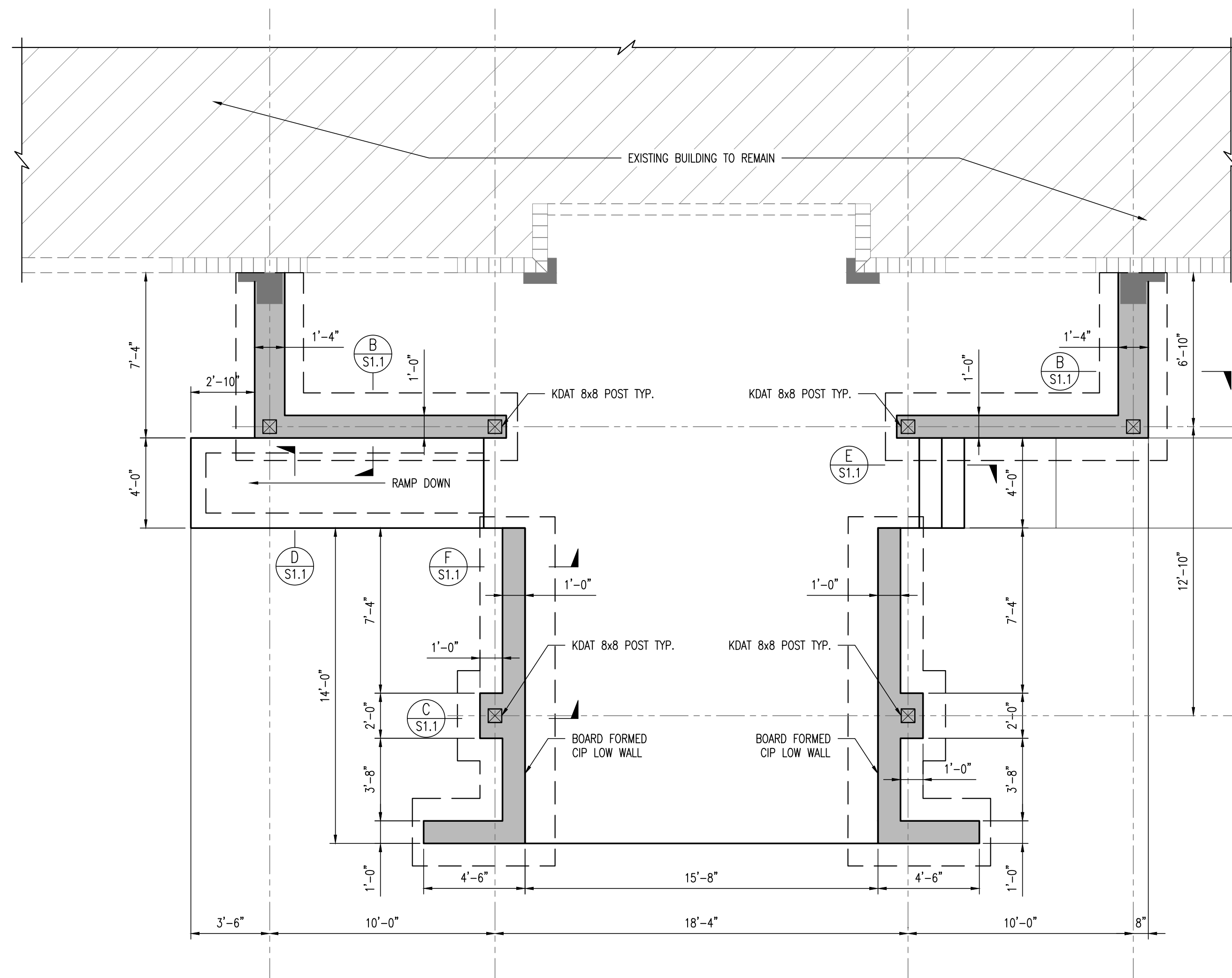
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Consultant:	ALW
Seal:	
Project #:	14273.11-1
Phase:	Permit Documents
Job Title:	Leon County Ag Extension - Exterior Improvements
DATE:	
REVIEWED:	
DRAWN:	
REVISION:	
ID:	
DATE:	01-13-2020
BY:	BYP
CPS:	
DATE:	01-31-2020
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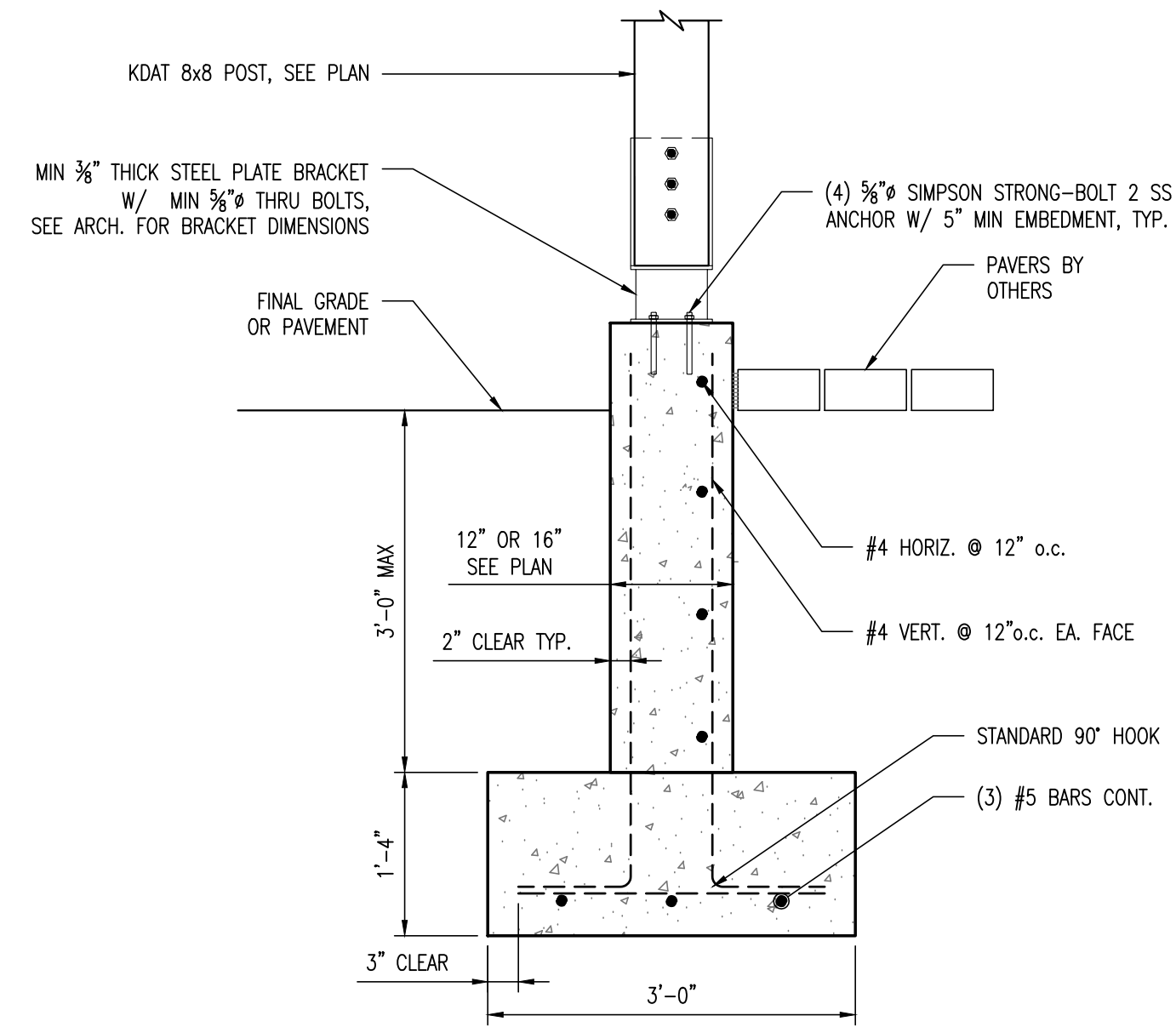
Description:
Structural Notes &
Key Plan

Sheet No.:
S0.1

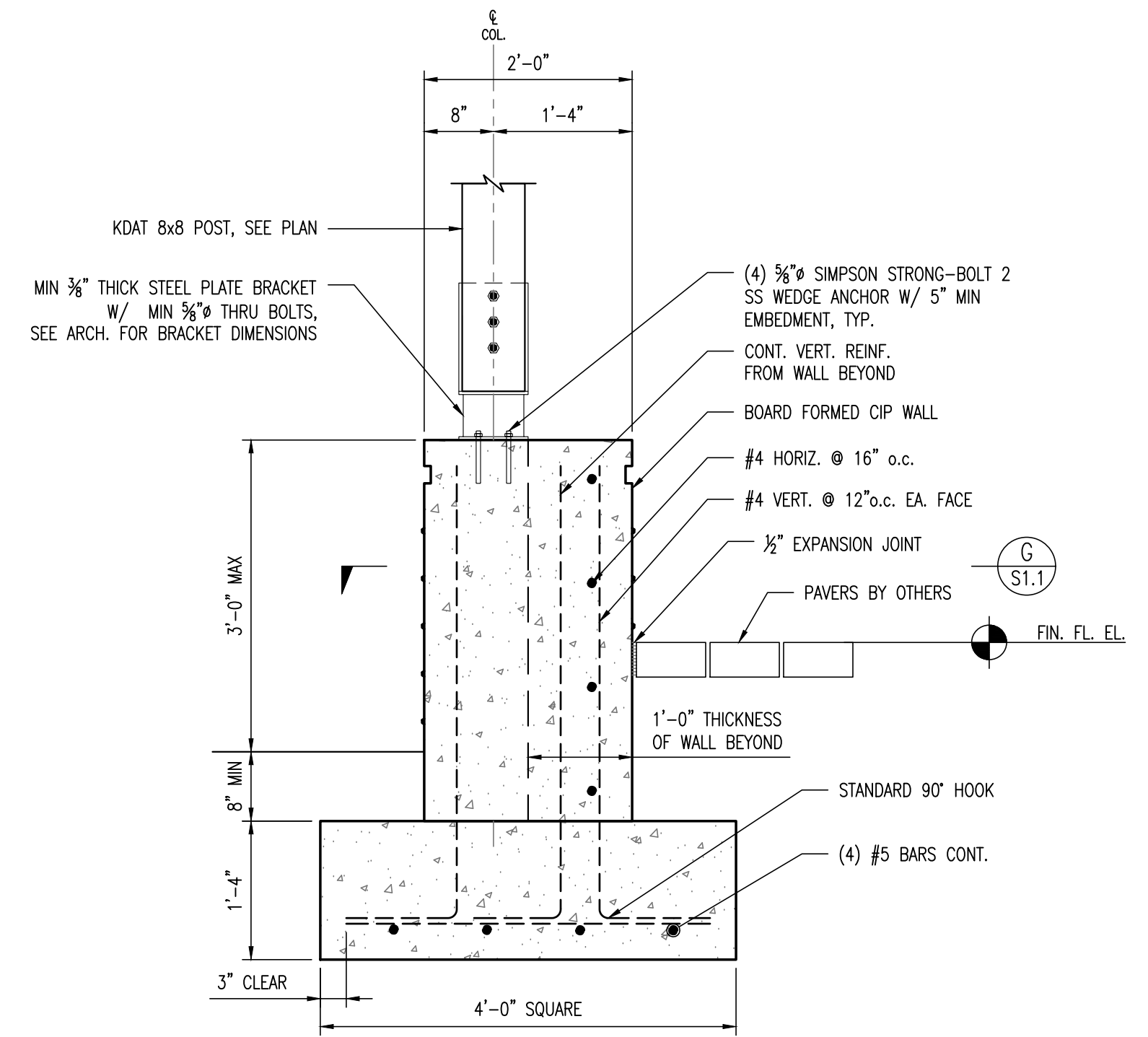
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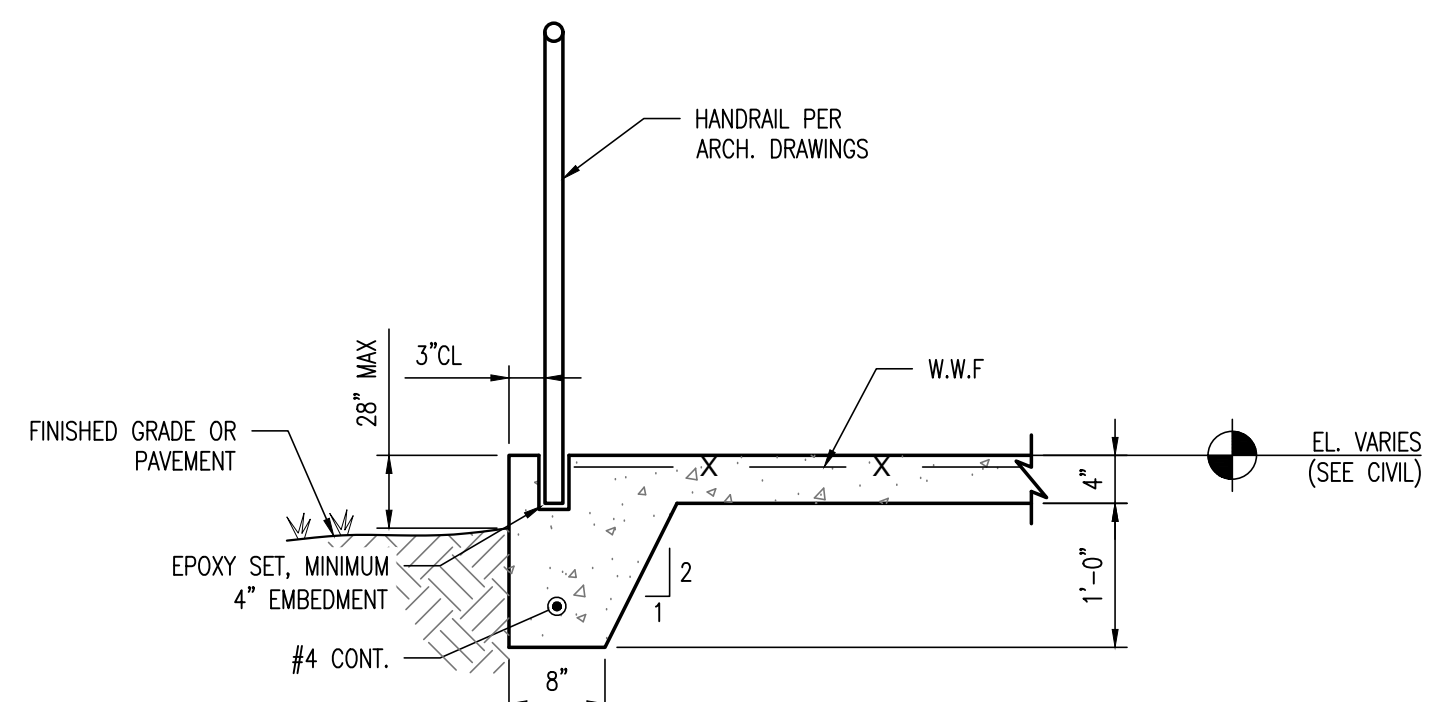
FOUNDATION PLAN (A) S1.1
SCALE: 3/4" = 1'-0"



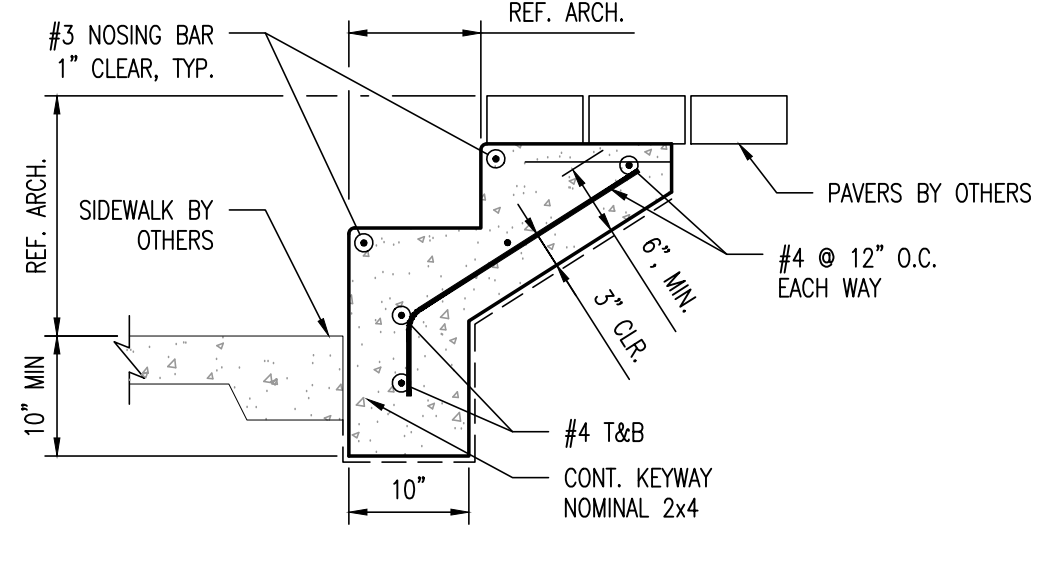
TYP. COL. FOUNDATION SECTION (B) S1.1
SCALE: 3/4" = 1'-0"



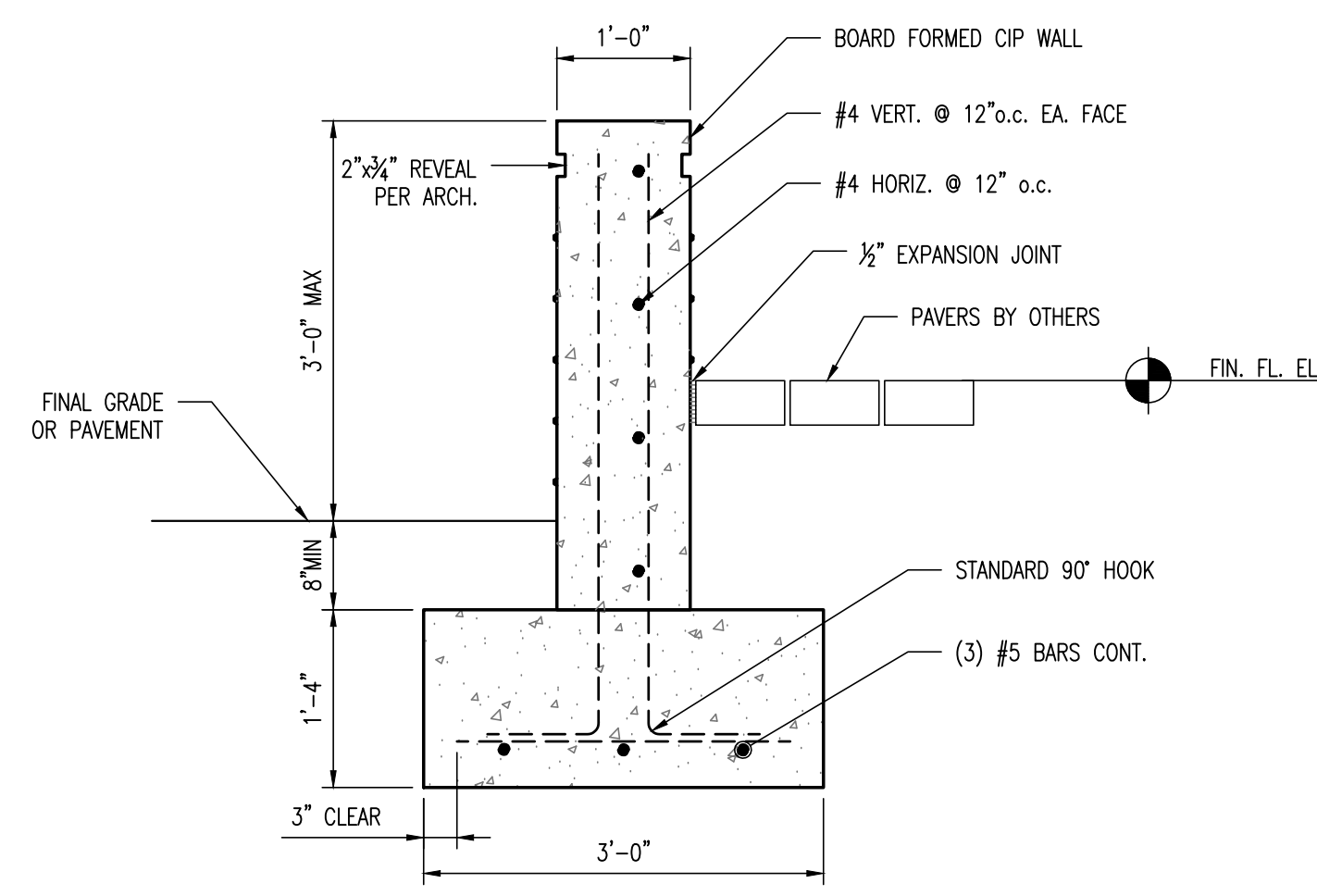
COL. PIER FOUNDATION SECTION (C) S1.1
SCALE: 3/4" = 1'-0"



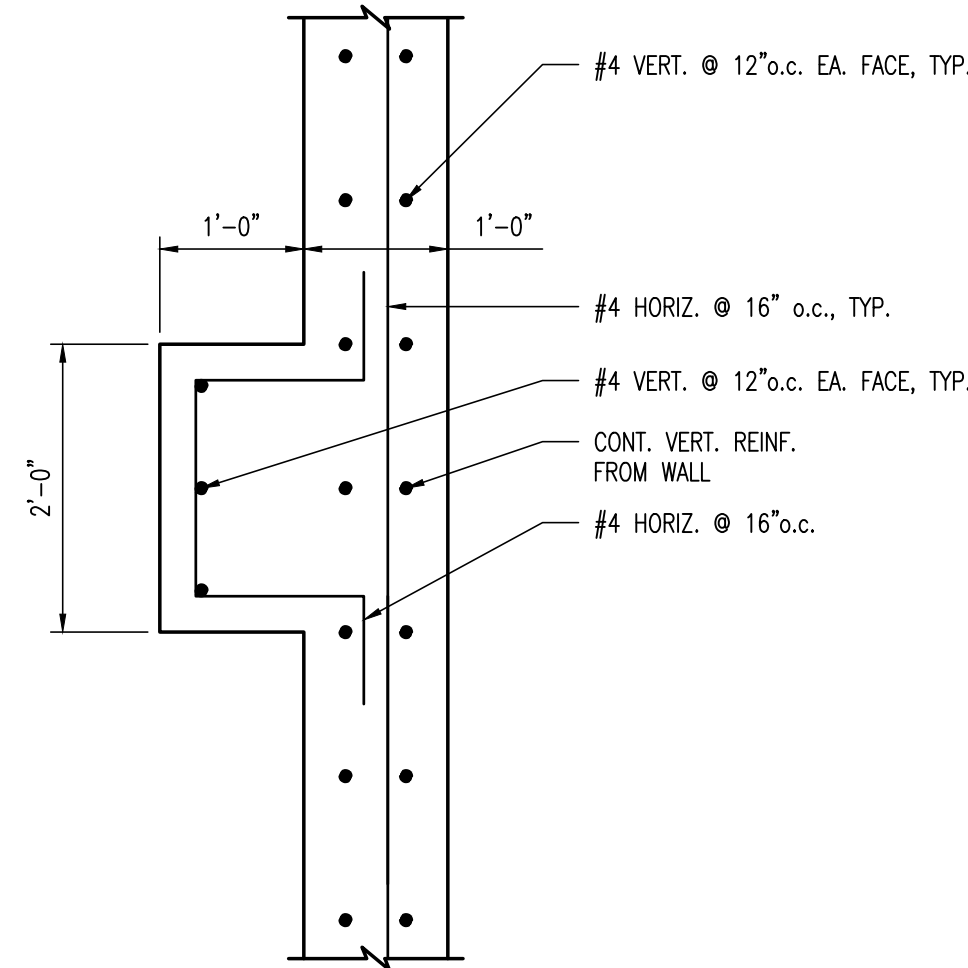
CONC. RAMP DETAIL (D) S1.1
SCALE: 3/4" = 1'-0"



CONC. STAIR DETAIL (E) S1.1
SCALE: 3/4" = 1'-0"



WALL SECTION (F) S1.1
SCALE: 3/4" = 1'-0"



COL. PIER FOUNDATION PLAN (G) S1.1
SCALE: 3/4" = 1'-0"

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Phase: Permit Documents

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Consultant:

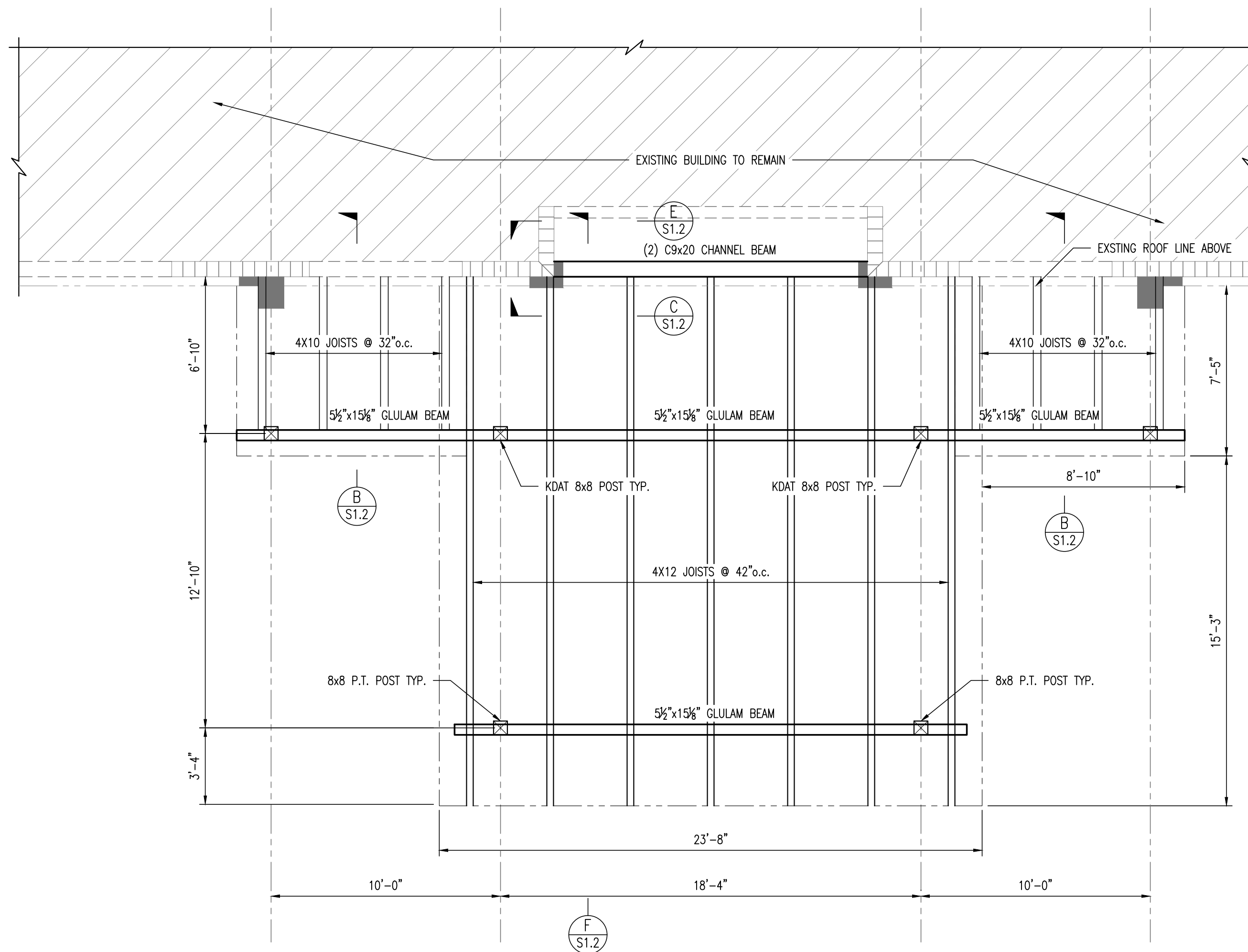


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Description:
Foundation Plan & Details

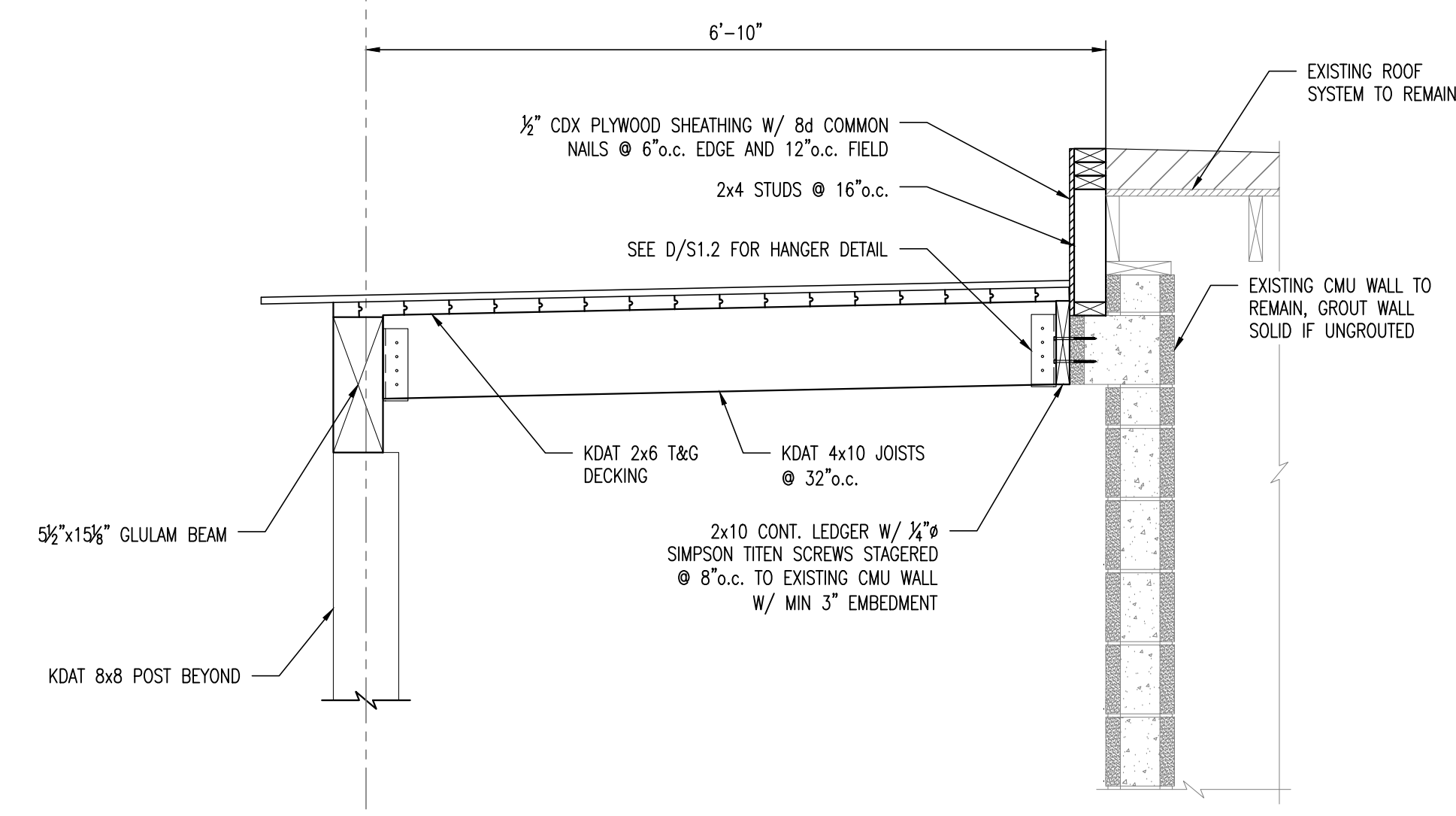
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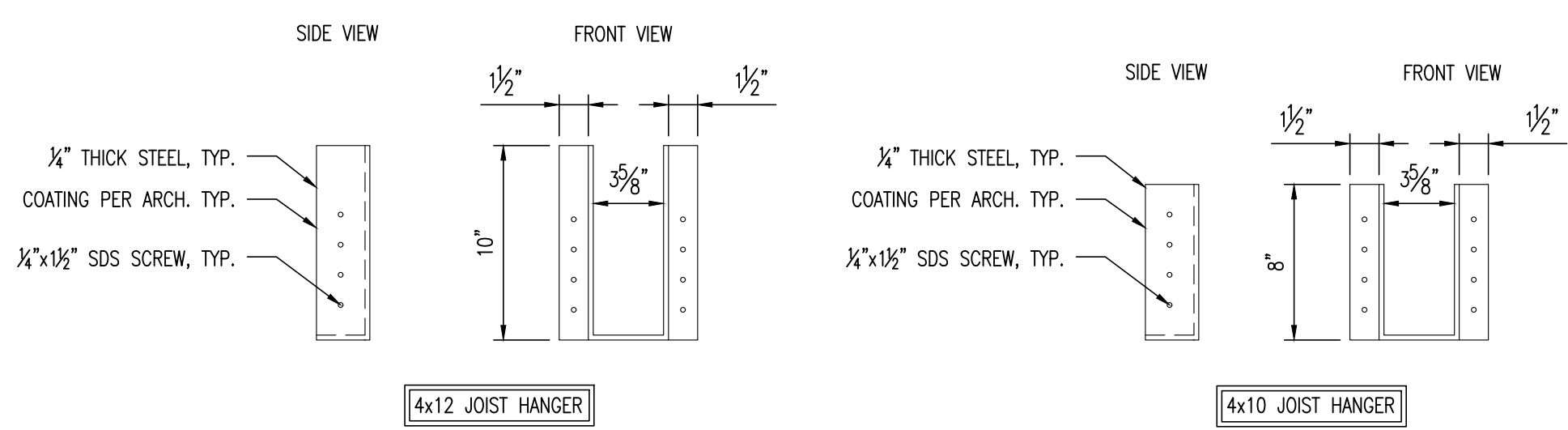
ROOF FRAMING PLAN
SCALE: 3/4" = 1'-0"

A
S1.2



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

B
S1.2

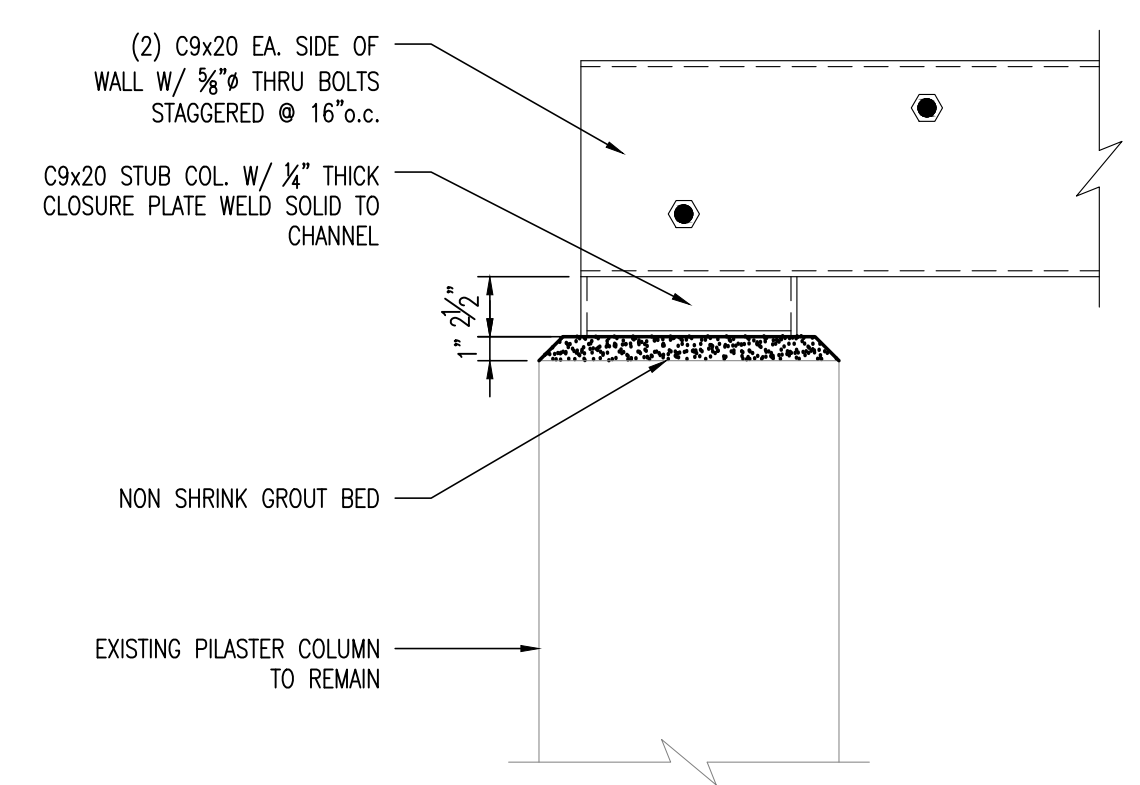


4x12 JOIST HANGER

4x10 JOIST HANGER

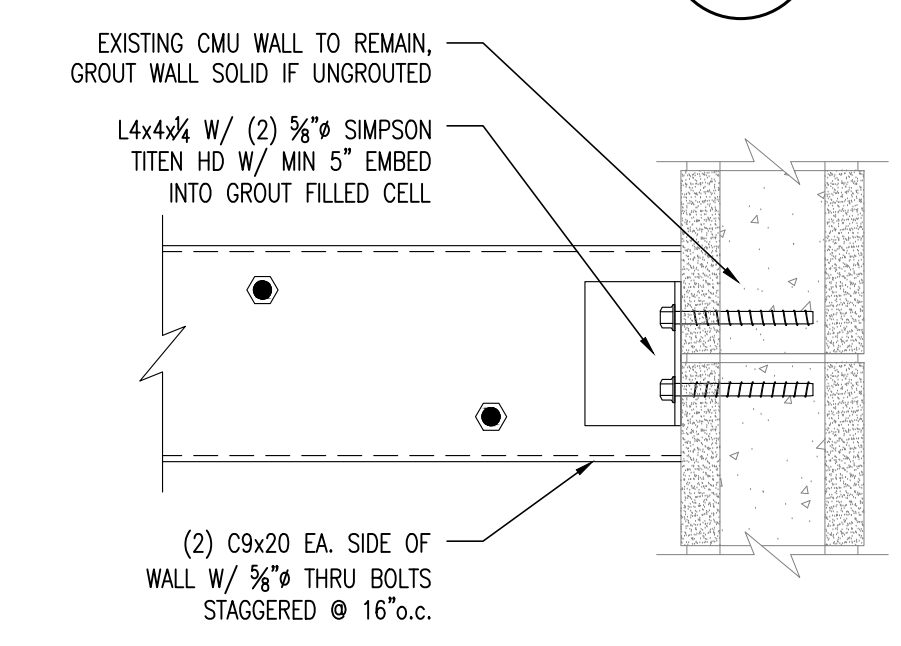
FACEMOUNT HANGER DETAILS
SCALE: 1-1/2" = 1'-0"

D
S1.2



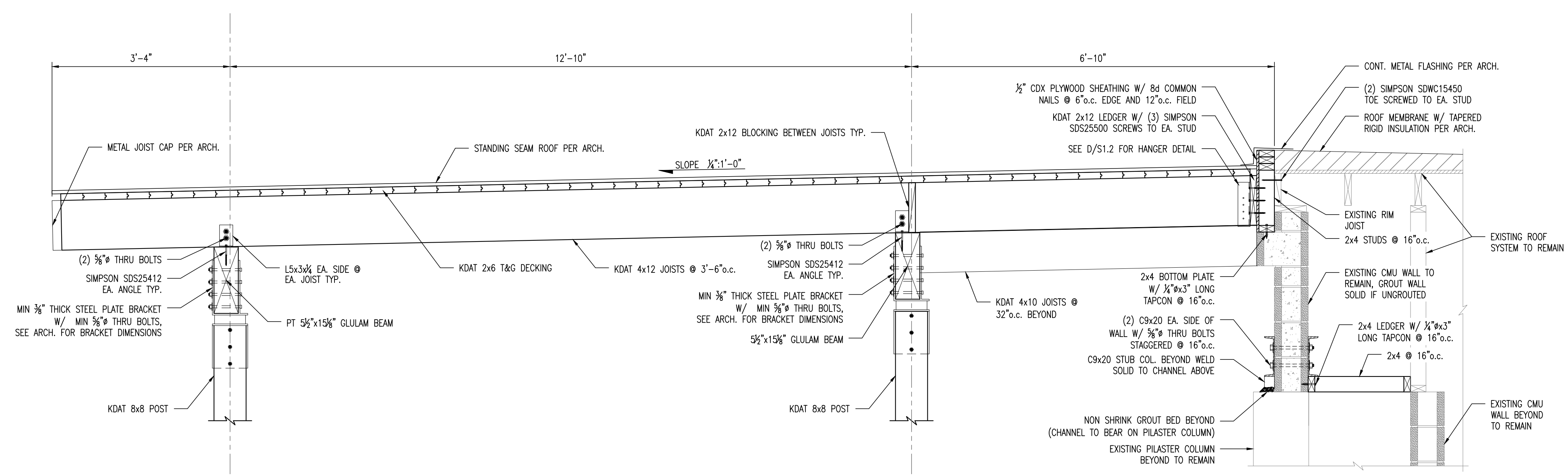
CONNECTION DETAIL
SCALE: 3/4" = 1'-0"

C
S1.2



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

E
S1.2



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

F
S1.2

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Description:
Roof Framing Plan & Details

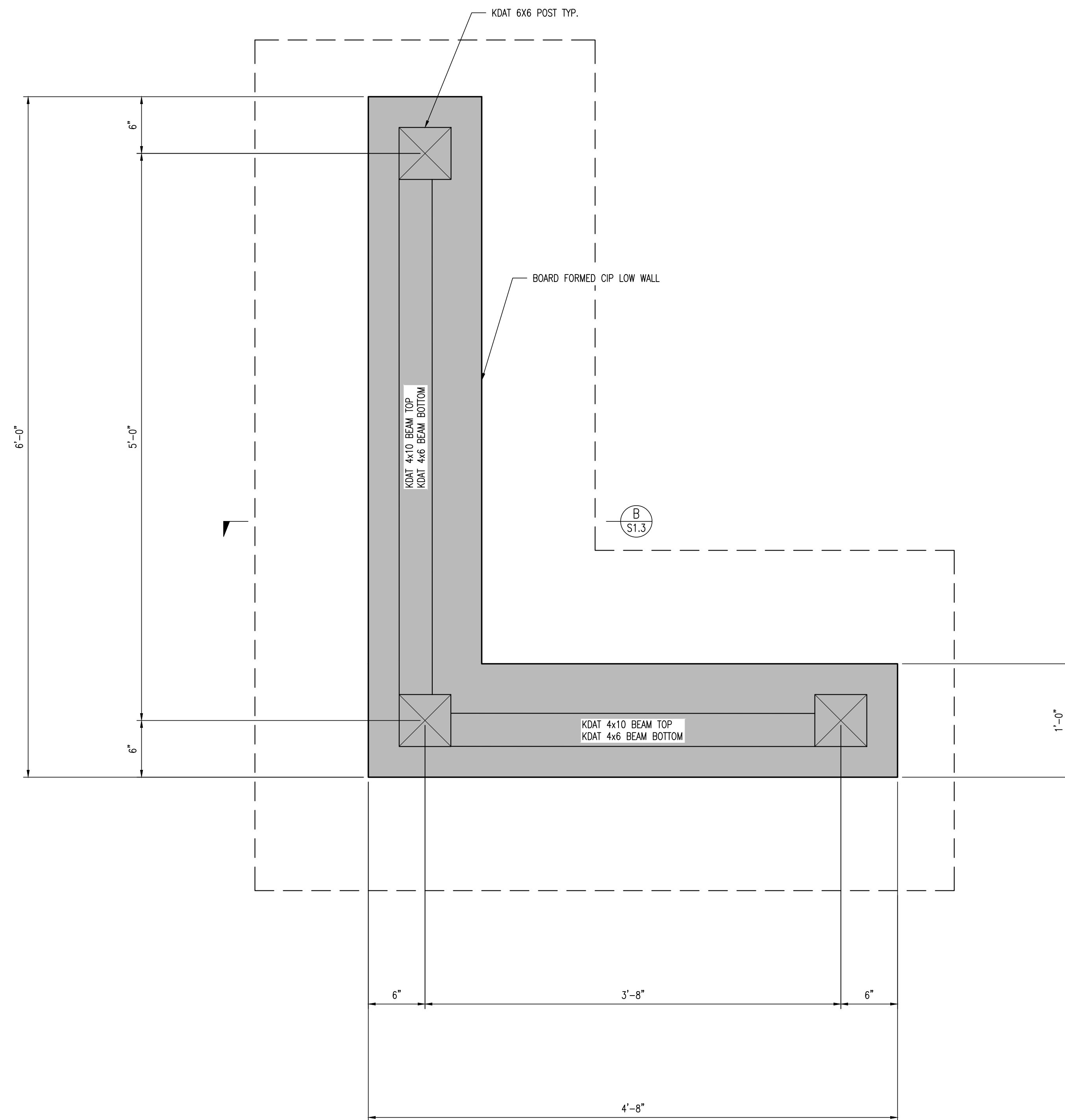
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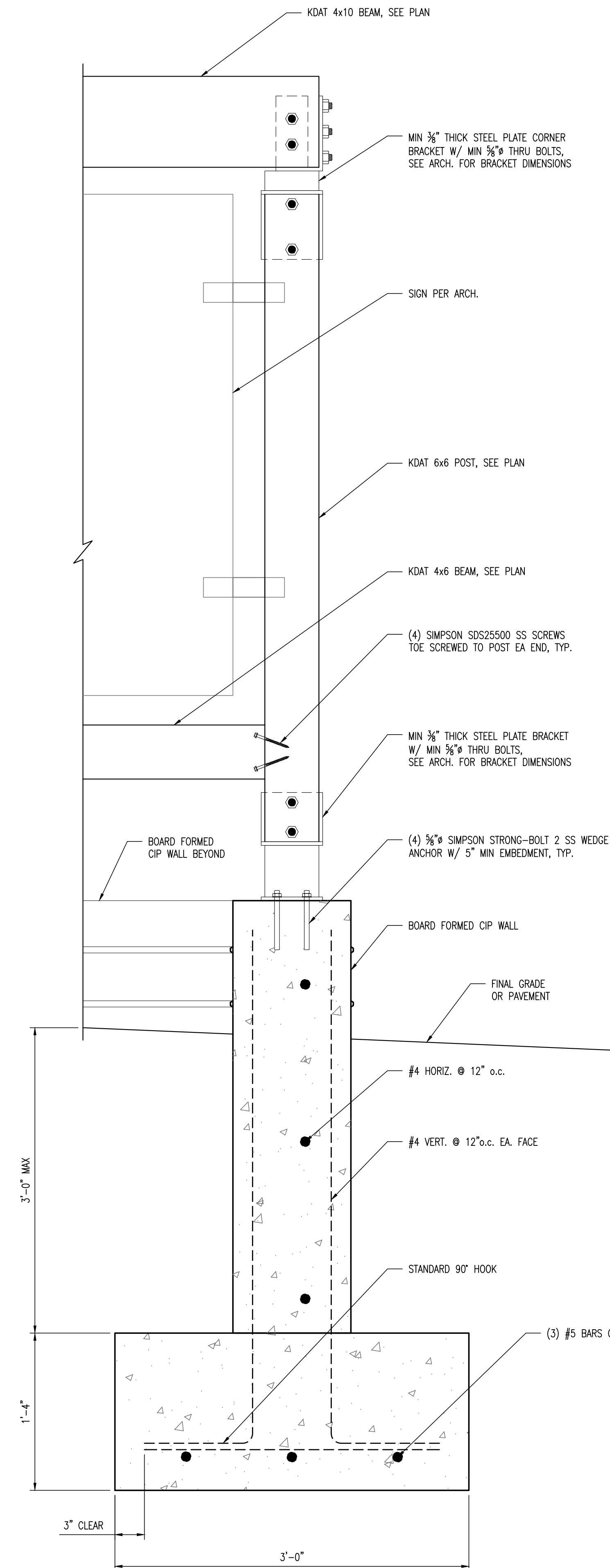
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3370 Capital Circle NE, Ste. F
Tallahassee, Florida 32308
Office: 850.723.5367
Authorization No. 31293
Brian E. Kever, P.E. 19940627



ENLARGED SIGN PLAN
SCALE: 1-1/2" = 1'-0"
A
S1.3



SIGN SECTION
SCALE: 1-1/2" = 1'-0"
B
S1.3

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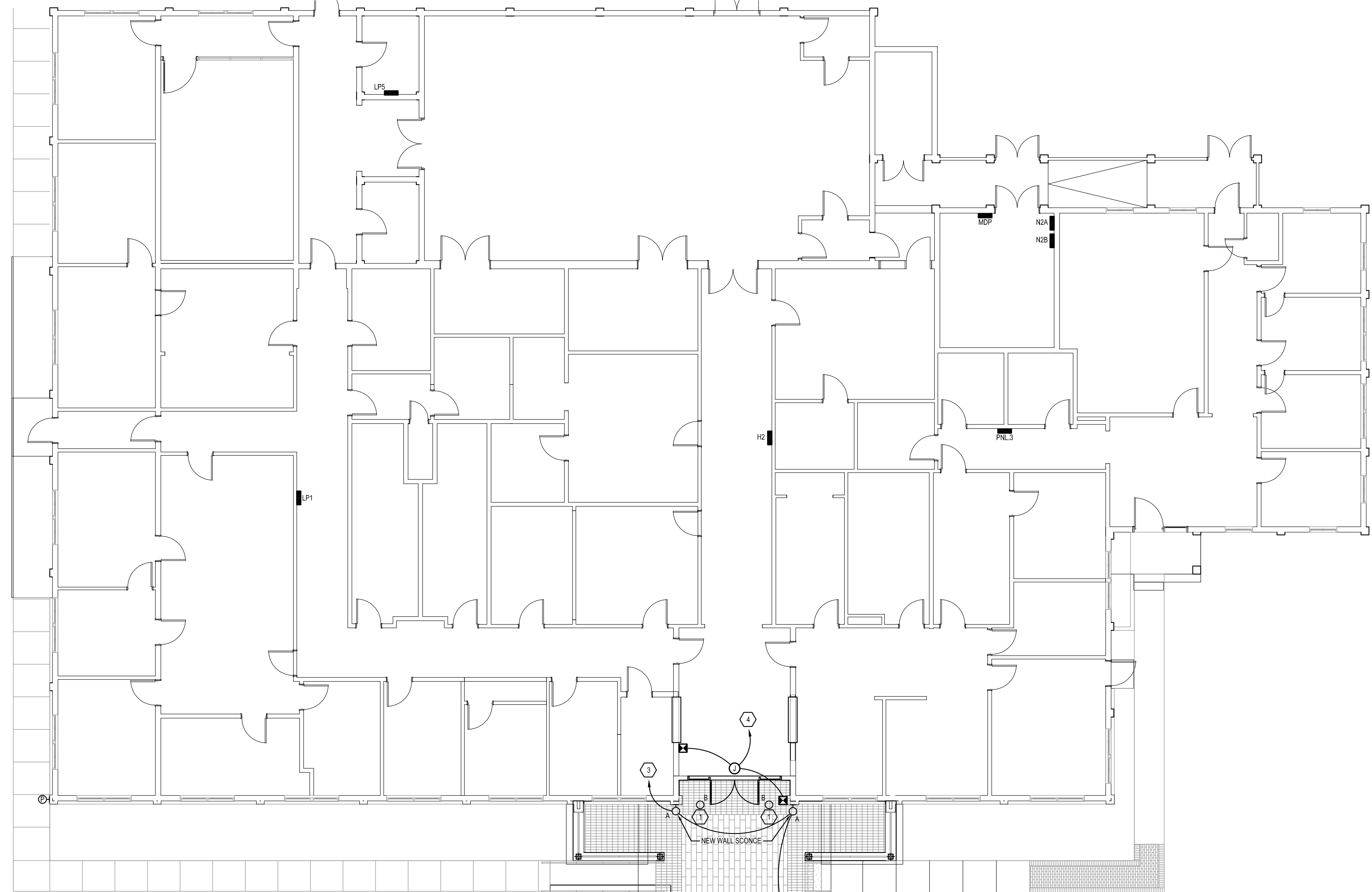
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Description:
Sign Details

Sheet No.:
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Consultant:	ALW										
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Job Title:	Leon County Ag Extension - Exterior Improvements										
Seal:											
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GENERAL NOTES			
1.	DRAWINGS ARE DIAGRAMMATIC, INDICATIVE OF WORK TO BE FURNISHED AND INSTALLED UNDER THIS CONTRACT. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ALL DIMENSIONS.	DATE:	
2.	BEFORE SUBMITTING FOR THE WORK, EACH BIDDER WILL BE RESPONSIBLE TO EXAMINE THE PREMISES AND SATISFY HIMSELF AS TO THE EXISTING CONDITIONS UNDER WHICH HE WILL BE OBLIGED TO OPERATE AND COMPLETE THE WORK UNDER THIS CONTRACT. NO ALLOWANCE WILL BE MADE IN THIS CONNECTION ON BEHALF OF THE CONTRACTOR FOR ANY ERROR OR OMISSION ON HIS PART.	REVIEWED:	
3.	THE CONTRACTOR SHALL PAY FOR ALL INSPECTION PERMITS, CERTIFICATES, CONNECTION FEES, SYSTEM DEMAND CHARGES AND LICENSE FEES IN CONNECTION WITH HIS WORK.	DRAWN:	
4.	ALL WORK SHALL COMPLY WITH APPLICABLE O.S.H.A. AND E.P.A. REGULATIONS AND GUIDELINES.	REVISION:	
5.	THE CONTRACTOR SHALL BE RESTRICTED TO AREAS SPECIFIED BY THE OWNER FOR ON-SITE STORAGE OF CONSTRUCTION MATERIALS. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION AND SECURITY OF ALL EQUIPMENT AND MATERIALS.	ID:	
6.	THE CONTRACTOR SHALL MAINTAIN A CLEAN WORK ENVIRONMENT AT ALL TIMES AND SHALL CLEAN CONSTRUCTION SITE OF ALL DEBRIS AT COMPLETION OF THE JOB AND BEFORE FINAL PAYMENT IS MADE.	DATE:	1-13-2020
7.	THE CONTRACTOR SHALL FURNISH "AS-BUILT" DRAWINGS TO THE (OWNER) AT COMPLETION OF CONSTRUCTION.	REVIEWED:	2-2-2020
8.	CONTRACTOR'S USE OF AN APPROVAL STAMP ON DOCUMENTS SUBMITTED AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES AND SIMILAR SUBMITTALS CERTIFIES THAT THE CONTRACTOR HAS COMPLIED WITH THE CONTRACT DOCUMENT REQUIREMENTS RELATED TO SHOP DRAWINGS, PRODUCT DATA AND SAMPLES.	DRAWN:	DRH
9.	THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR DEVIATIONS FROM REQUIREMENTS OF THE CONTRACT DOCUMENTS BY THE ARCHITECT/ENGINEER'S APPROVAL OF SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS UNLESS THE CONTRACTOR HAS SPECIFICALLY INFORMED THE ARCHITECT/ENGINEER IN WRITING OF SUCH DEVIATION AT THE TIME OF SUBMITTAL AND THE ARCHITECT/ENGINEER HAS GIVEN WRITTEN APPROVAL TO THE SPECIFIC DEVIATION. THE CONTRACTOR SHALL NOT BE RELIEVED OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS, PRODUCT DATA, SAMPLES OR SIMILAR SUBMITTALS BY THE ARCHITECT/ENGINEER'S APPROVAL THEREOF.	PHASE:	CJB
10.	SUPPORTS AND HANGERS SHALL PRESENT A NEAT, ORDERLY APPEARANCE. ALL EXTERIOR STRUCTURES INCLUDED, BUT NOT LIMITED TO, THE GENERATOR AND GENERATOR FENCE/WALL SHALL BE INSTALLED TO RESIST 110 MPH WIND LOAD.	CONCEPT SCHEM DESIGN	
11.	ALL EXTERIOR DEVICES SHALL HAVE WEATHER PROOF ENCLOSURES AND BE GFI RATED IN ACCORDANCE WITH N.E.C. PROVIDE "IN-USE" COVERS FOR ALL RECEPTACLES.	ADVANCED SCHEM DESIGN	

ELECTRICAL GENERAL NOTES			
1.	ALL WIRING SYSTEMS SHALL BE COPPER CONDUCTORS IN METALLIC CONDUIT, UNLESS NOTED OTHERWISE. WIRE AND CONDUIT SIZES SHOWN ARE BASED ON THIN COPPER, UNLESS NOTED OTHERWISE. HEAVY WALL RIGID PVC CONDUIT SHALL BE USED IN SLABS AND BELOW GRADE AND WHERE INDICATED. INTERMEDIATE GRADE CONDUIT AND EMT CONDUIT MAY BE USED ELSEWHERE WHERE APPROVED BY N.E.C. AND LOCAL CODES. FLEXIBLE METAL CONDUIT SHALL BE STEEL AND USED TO CONNECT EQUIPMENT WHERE INDICATED AND WHERE REQUIRED DUE TO VIBRATION AND CONNECTION ACCESSIBILITY.	8% CONSTRUCTION DOCS	
2.	BOND AND GROUND ALL SYSTEMS AND EQUIPMENT PER ARTICLE 250 OF N.E.C. PROVIDE A GROUNDING CONDUCTOR SIZED IN ACCORDANCE WITH ARTICLE 250-122 N.E.C. ON ALL RECEPTACLES AND POWER BRANCH CIRCUITS.	PERMIT DOCS	
3.	PROVIDE A LAMINATED PLASTIC NAMEPLATE IDENTIFYING EACH NEW PANELBOARD, MOTOR STARTER AND DISCONNECT SWITCH. LETTERING SHALL BE 1/2" MINIMUM AND SHALL IDENTIFY EQUIPMENT SERVED, FEEDER ORIGIN AND CIRCUIT NUMBER. SECURE NAMEPLATE TO EQUIPMENT WITH SCREWS. TAPE OR WIRE IS NOT AN APPROVED METHOD OF SECURING NAMEPLATE.	100% CONSTRUCTION DOCS	
4.	UPDATE PANEL SCHEDULES WITH NEW CIRCUIT DESIGNATIONS.		

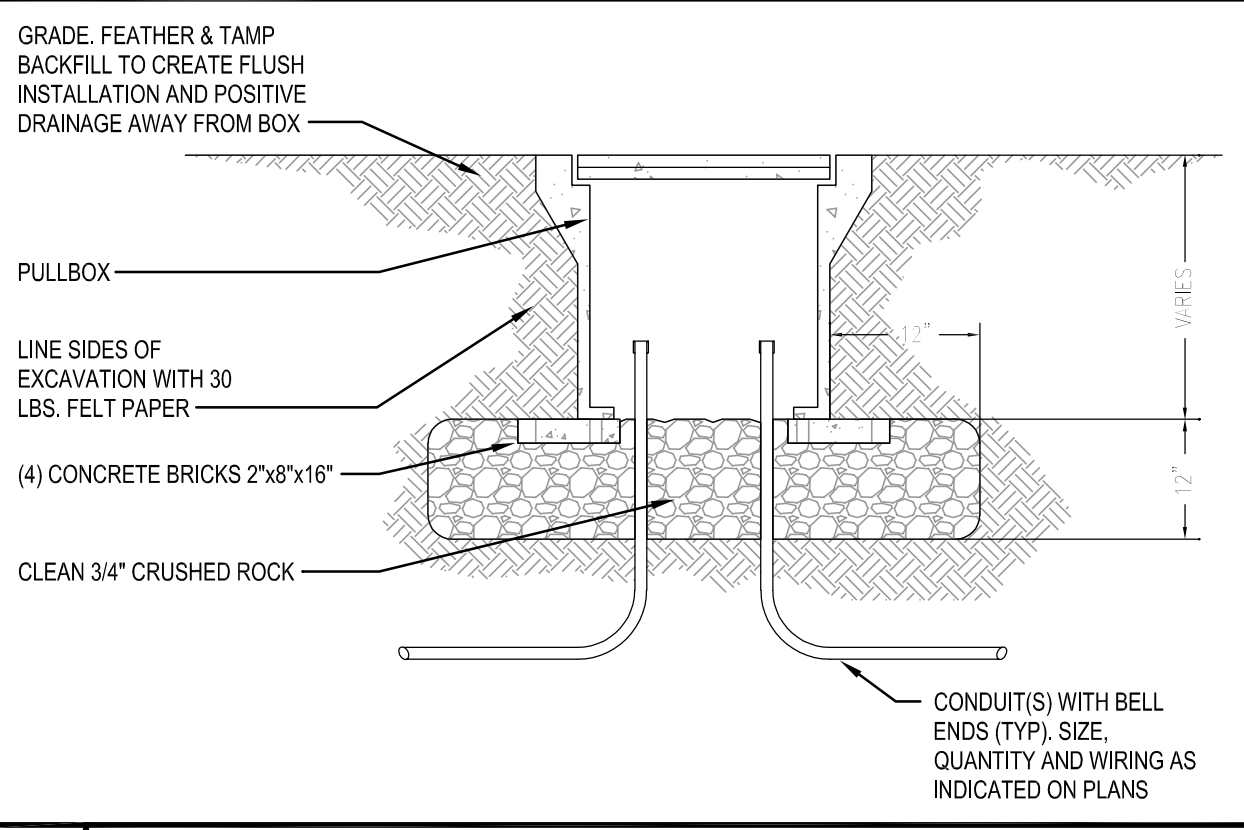
POWER / LIGHTING	
	DUPLEX RECEPTACLE - 120 VOLT, 20 AMP, 3 POLE GROUNDING TYPE. MOUNT 18" AFF WITH GROUND PRONG DOWN UNLESS NOTED OTHERWISE. PROVIDE TAMPER- AND WEATHER-RESISTANT RECEPTACLES LISTED AND LABELED AS COMPLYING WITH NFPA 70, "TAMPER-RESISTANT RECEPTACLES" AND "RECEPTACLES IN DAMP OR WET LOCATIONS" ARTICLES. PROVIDE WEATHERPROOF COVER PLATE, NEMA 250 COMPLYING WITH TYPE 3R, WEATHER-RESISTANT THERMOPLASTIC WITH LOCKABLE COVER.
	HOMERUN TO PANEL - SHORT SLASH MARKS INDICATE NUMBER OF PHASE CONDUCTORS, NO SLASH MARKS INDICATE 2 CURRENT CARRYING CONDUCTORS, LONG SLASH MARK(S) INDICATE NEUTRAL CONDUCTOR(S). (NOTE THAT THE GREEN GROUND WIRE IS NOT SHOWN BUT IS REQUIRED IN EACH FEEDER, LIGHTING RECEPTACLE, AND POWER BRANCH CIRCUIT.) THERE SHALL BE NO SHARED NEUTRALS BETWEEN MULTIPLE CIRCUITS.
	EXISTING ELECTRIC PANEL - 120/208 VOLT
	JUNCTION BOX - 4" SQUARE (UNO).
	WIRE IN CONDUIT - SURFACE MOUNT.
	WIRE IN CONDUIT - CONCEALED IN FLOOR OR UNDERGROUND.
	DENOTES WALL MOUNTED DEVICE.
	LIGHT FIXTURE - CAPITAL LETTER INDICATES FIXTURE TYPE
	LED FLAG POLE LIGHT
	PHOTOELECTRIC CELL - MOUNT ON NORTHERN EXPOSURE OR WHERE NOT IN DIRECT SUNLIGHT.
	HANDICAPPED DOOR OPENER AND PUSHBUTTON

ABBREVIATIONS			
AFF	ABOVE FINISHED FLOOR	GFCI	GROUND FAULT CIRCUIT INTERRUPTER
AFG	ABOVE FINISHED GRADE	G	GROUND
C	CONDUIT	HH	ELECTRIC HAND HOLE
CNT	CONTRACTOR	TC	TIME CLOCK
DISC	DISCONNECT	TYP	TYPICAL
DN	DOWN	UNO	UNLESS NOTED OTHERWISE
EC	ELECTRICAL CONTRACTOR	WP	WEATHER PROOF
GFI	GROUND FAULT INTERRUPTER		

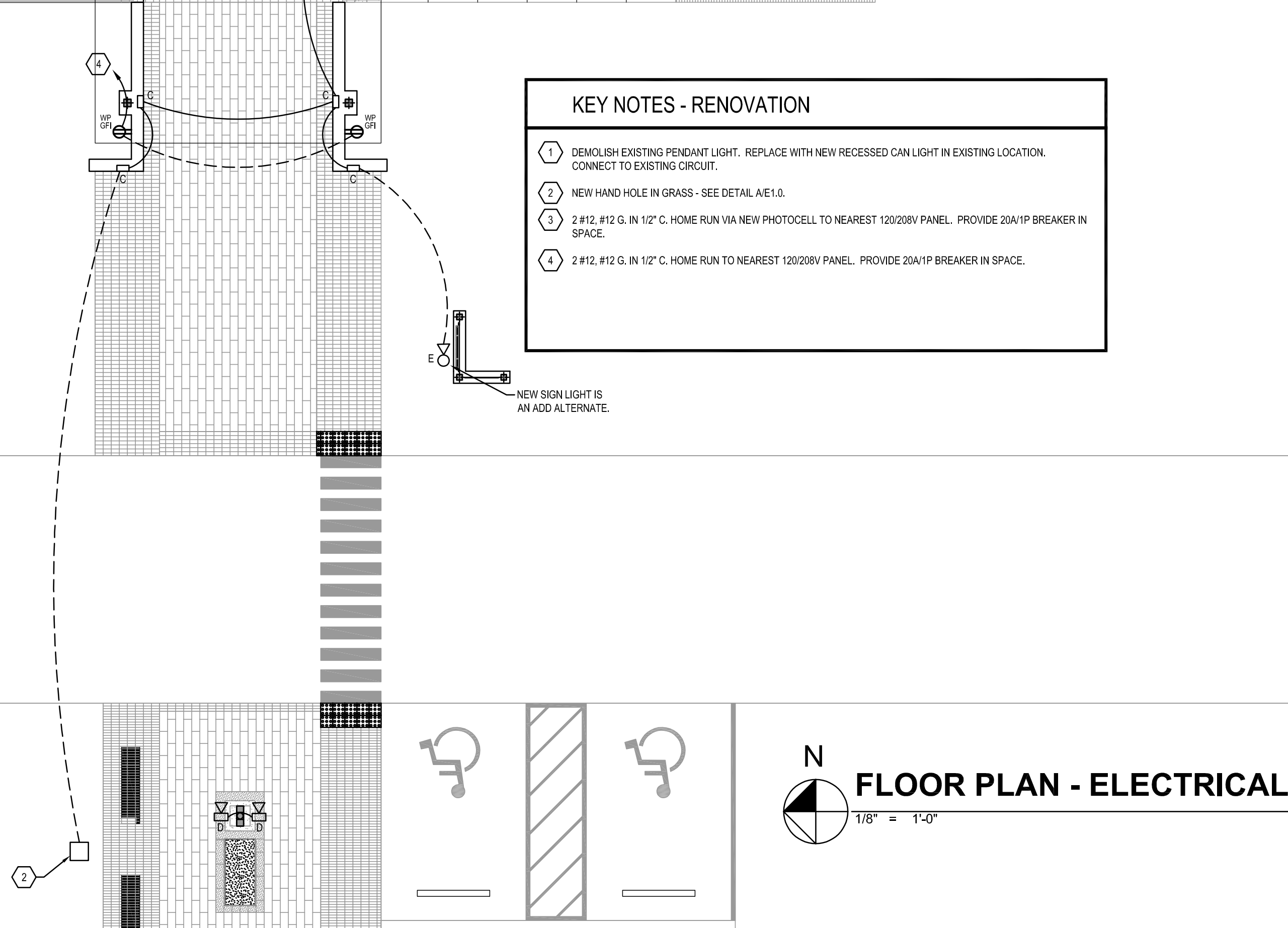
APPLICABLE CODES	
PERFORM WORK IN ACCORDANCE WITH THE FOLLOWING CODES AND ANY APPLICABLE STATUTES, ORDINANCES, CODES, AND REGULATIONS OF GOVERNMENTAL AUTHORITIES HAVING JURISDICTION.	
1.	ASHRAE
a.	STANDARD 90.1 ENERGY STANDARD FOR BUILDINGS EXCEPT LOW RISE RESIDENTIAL BUILDINGS
2.	OCCUPATIONAL SAFETY AND HEALTH REGULATIONS (OSHA)
3.	NATIONAL FIRE CODES
a.	NFPA 70 NATIONAL ELECTRICAL CODE - 2014
b.	NFPA 101 LIFE SAFETY CODE - 2015 (FLORIDA EDITION)
5.	FLORIDA BUILDING CODE, 2017 EDITION
a.	BUILDING CODE
b.	ACCESSIBILITY CODE
6.	FLORIDA STATUTES
a.	CHAPTER 471 ENGINEERING
b.	CHAPTER 533.80 BUILDING CONSTRUCTION STANDARDS; FLORIDA BUILDING CODE - ENFORCEMENT
7.	FLORIDA ADMINISTRATIVE CODE
a.	CHAPTER 9B-7 FLORIDA BUILDING COMMISSION HANDICAPPED ACCESSIBILITY STANDARDS
b.	CHAPTER 61G15-33 RESPONSIBILITY RULES OF PROFESSIONAL ENGINEERS CONCERNING THE DESIGN OF ELECTRICAL SYSTEMS
8.	ADA ACCESSIBILITY GUIDELINES FOR BUILDINGS (ADAG)
8.	RESOLVE, IN WRITING, ANY CODE VIOLATION DISCOVERED IN CONTRACT DOCUMENTS WITH THE ENGINEER PRIOR TO BIDDING. AFTER AWARD OF THE CONTRACT, MAKE ANY CORRECTION OR ADDITION NECESSARY FOR COMPLIANCE WITH APPLICABLE CODES AT NO ADDITIONAL COST TO OWNER.
C.	THE CONTRACTOR SHALL INCLUDE IN THE WORK, WITHOUT EXTRA COST TO THE OWNER, ANY LABOR, MATERIALS, SERVICES, APPARATUS, AND DRAWINGS REQUIRED TO COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, AND REGULATIONS.
D.	WHERE THERE IS CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND THE APPLICABLE CODES, THE CODES SHALL GOVERN, EXCEPT WHERE THE REQUIREMENTS OF THE CONTRACT DOCUMENTS ARE MORE STRINGENT.

LIGHTING FIXTURE SCHEDULE								
GENERAL NOTES								
1. CONTRACTOR SHALL COORDINATE FIXTURE TYPE WITH ARCHITECTURAL FINISH SCHEDULE(S).								
2. LIGHT FIXTURES DEEMED EQUAL TO THOSE SPECIFIED SHALL BE SUBMITTED FOR APPROVAL IN ACCORDANCE WITH SPECIFICATIONS.								
3. PROVIDE MOUNTING TRIM REQUIRED FOR CEILING TYPE INSTALLED.								
4. ARCHITECT SHALL CONFIRM ALL FINISHES.								
TYPE	MANUFACTURER	CATALOG NUMBER	POWER	LAMP TYPE	LUMEN OUTPUT	COLOR TEMPERATURE	VOLTAGE	DESCRIPTION
A	FC LIGHTING	ZFCC410-WUD-4W-3K-20L-BK-G05-U050	20W	LED	00 lm	4000 K	120V	DECORATIVE UP/DOWN WALL SCONCE. MARINE GRADE ALUMINUM WITH DIE CAST TRIM AND ARM. LISTED FOR WET LOCATIONS. IP65 RATED, BLACK FINISH.
B	INTENSE	OSMYGZDRTR-NC-L20 OSMYGZTR1RD300W-SF-L2-30-36	20W	LED	1500 lm	3000 K	120V	ROUND RECESSED DOWNLIGHT, LISTED FOR DAMP LOCATIONS.
C	WE-EF	615-6321	8W	LED	1480 lm	3000 K	120V	EXTERIOR, RECESSED WALL FIXTURE. K119 AND IP68 RATED. MARINE-GRADE DIE CAST ALUMINUM ALLOY HOUSING. LISTED FOR WET LOCATIONS. BLACK FINISH.
D	BK LIGHTING	DELED62SPBLP4-11-C	20W	LED	1300 lm	3000 K	120V	FLAG POLE LIGHT WITH ADJUSTABLE KNUCKLE. PROVIDE GROUND MOUNTING KIT. IP68 RATED, LISTED FOR WET LOCATIONS. BLACK FINISH.
E	BK LIGHTING	SNX0LDELED62WFLP4-11-C	8W	LED	000 lm	3000 K	120V	LED SIGN LIGHT WITH ADJUSTABLE KNUCKLE. PROVIDE MOUNTING KIT TO MATCH ARCHITECTURAL ELEVATIONS. IP68 RATED, LISTED FOR WET LOCATIONS. BLACK FINISH.

KEY NOTES - RENOVATION	
1	DEMOLISH EXISTING PENDANT LIGHT. REPLACE WITH NEW RECESSED CAN LIGHT IN EXISTING LOCATION. CONNECT TO EXISTING CIRCUIT.
2	NEW HAND HOLE IN GRASS - SEE DETAIL A/E1.0.
3	2 #12, #12 G. IN 1/2" C. HOME RUN VIA NEW PHOTOCELL TO NEAREST 120/208V PANEL. PROVIDE 20A/1P BREAKER IN SPACE.
4	2 #12, #12 G. IN 1/2" C. HOME RUN TO NEAREST 120/208V PANEL. PROVIDE 20A/1P BREAKER IN SPACE.



A UNDERGROUND CONCRETE HAND HOLE - TURF AREAS



N
1/8" = 1'-0"
FLOOR PLAN - ELECTRICAL

Client: Leon County Tallahassee, Florida

Job Title: Leon County Ag Extension - Exterior Improvements

Project #: 14273.1.1

Phase: 100% Construction Documents

Architects Lewis + Whitlock
206 West Virginia St.
Tallahassee, Florida 32301
850.942.1718
www.thin3d.net

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