

GENERAL NOTES

1. ALL DESIGN INCLUDED HEREIN (INCLUDING FOUNDATIONS AND EARTH ANCHORS) HAS BEEN PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE "2012 SOUTH CAROLINA MINIMUM SPECIFICATION GUIDE FOR RELOCATABLE CLASSROOMS" AND "2014 SOUTH CAROLINA SCHOOL FACILITIES PLANNING AND CONSTRUCTION GUIDE".
2. IN CASE OF CONFLICT BETWEEN VARIOUS STRUCTURAL DRAWINGS, OR STRUCTURAL PLANS AND DETAILS, THE MORE STRINGENT SHALL GOVERN.
3. IN CASE OF CONFLICT BETWEEN DRAWINGS, NOTES, AND SPECIFICATIONS THE MORE STRINGENT SHALL GOVERN.
4. WORK NOT INDICATED ON THE DRAWINGS, BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES SHALL BE REPEATED.
5. ALL NOTES, DETAILS AND SECTIONS ARE INTENDED TO BE TYPICAL FOR THE GENERAL CONDITIONS INDICATED OR REFERENCED. ALL NOTES, DETAILS AND SECTIONS SHALL APPLY TO ANY SIMILAR SITUATION THROUGHOUT THE ENTIRE PROJECT UNLESS A SEPARATE NOTE, DETAIL OR SECTION IS PROVIDED.
6. REVIEW ALL PROJECT DOCUMENTS PRIOR TO FABRICATION AND START OF CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE OWNER OR OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH WORK.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT EXISTING AND IN PLACE WORK OR UTILITIES DURING CONSTRUCTION.
8. CONTRACTOR SHALL MAKE NO DEVIATIONS FROM THE CONTRACT DOCUMENTS WITHOUT WRITTEN APPROVAL.
9. DO NOT SCALE DRAWINGS.

FOUNDATIONS

1. CENTER ALL FOUNDATIONS BENEATH THEIR RESPECTIVE WALL OR COLUMN UNLESS NOTED OTHERWISE.
2. ALL FOUNDATION EXCAVATIONS SHALL BE DEWATERED PRIOR TO PLACING CONCRETE.
3. ALL FOOTINGS SHALL REST ON UNDISTURBED SOIL OR A MANUALLY OPERATED VIBRATORY SLED OR TAMPER SHALL BE USED TO DENSIFY ANY SOILS IN THE BOTTOM OF FOOTING TRENCHES LOOSENEED DURING THE EXCAVATION OPERATION.

MASONRY

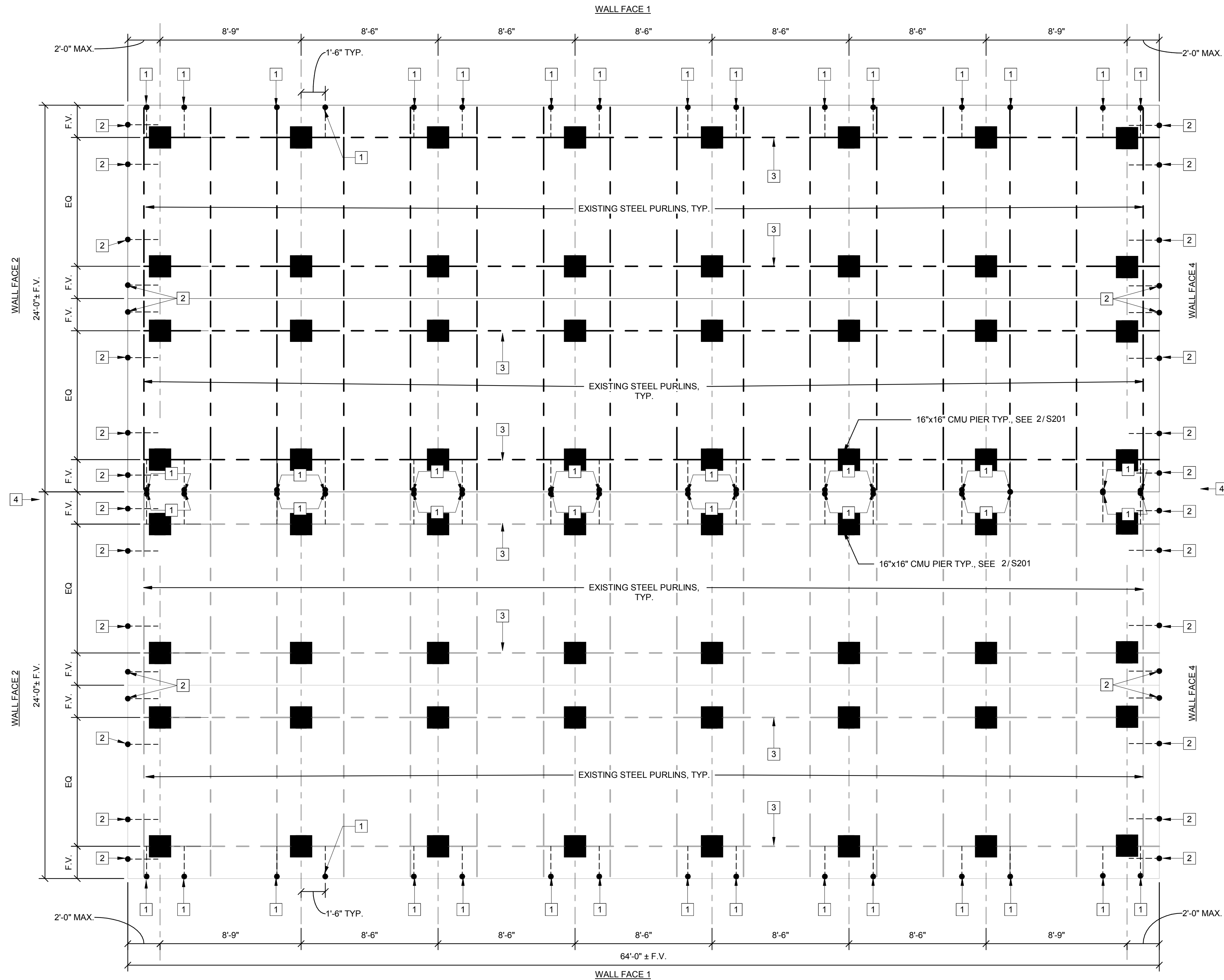
1. MASONRY UNITS SHALL CONFORM TO ASTM C90 WITH A MINIMUM COMPRESSIVE STRENGTH OF 1900 PSI ON NET SECTION.
2. MASONRY MORTAR SHALL BE TYPE S.

EARTH ANCHORS

1. ALL EARTH ANCHORS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:
 LENGTH = 48"
 SHAFT DIAMETER = 5/8"
 HELIX DIAMETER = MIN. (1) @ 6" (SEE NOTE 5)
 STABILIZER PLATE SIZE = 11"x17"
2. THE USE OF THE TERM EARTH ANCHOR SHALL BE EQUIVALENT TO HELICAL ANCHOR AND GROUND ANCHOR.
3. EARTH ANCHORS SHALL HAVE "U" SHAPED HEADS THAT ACCOMMODATE (2)-BOLTS FOR STRAP ATTACHMENT AND SHALL INCLUDE A MECHANISM TO MAINTAIN STRAP TENSION.
4. EARTH ANCHORS SHALL BE INSTALLED USING MACHINE INSTALLATION. PRE-DRILLING OF HOLES OR SOIL EXCAVATION TO AID ANCHOR INSTALLATION SHALL NOT BE PERMITTED.
5. ANCHORS HAVE BEEN SELECTED BASED ON WORST-CASE SOIL CONDITIONS. IF DURING INSTALLATION ANCHORS CANNOT BE INSTALLED AS REQUIRED, EOR SHALL BE NOTIFIED AND ADDITIONAL SOIL EXPLORATION MAY BE NECESSARY. REFER TO ANCHOR MANUFACTURER'S SOIL PROBE & TORQUE DATA FOR ALTERNATE RECOMMENDED HELIX CONFIGURATIONS FOR VARYING SOIL CONDITIONS.

STRUCTURAL DESIGN CRITERIA

1. FOUNDATION DESIGN VALUES:
 ALLOWABLE BEARING CAPACITY 2000 PSF MIN.
2. GRAVITY LOAD DESIGN VALUES: IBC-2015 / ASCE 7
 FLOOR LIVE LOADS:
 CLASSROOMS 40-PSF
 ROOF LIVE LOADS:
 SLOPING ROOF 20-PSF
 GROUND SNOW LOADS:
 SNOW 5-PSF
 DEAD LOADS:
 ACTUAL MATERIAL WEIGHTS PER ASCE 7, SEE ARCHITECTURAL DRAWINGS FOR ROOF, WALL, AND FLOOR CONSTRUCTION
3. OSF RELOCATABLE CLASSROOM CRITERIA
 -"2014 SOUTH CAROLINA MINIMUM SPECIFICATIONS GUIDE FOR RELOCATABLE CLASSROOMS"
 -"2014 SOUTH CAROLINA ANNUAL INSPECTION AND MAINTENANCE FOR RELOCATABLES"
 -"2014 S.C. SCHOOL FACILITIES PLANNING AND CONSTRUCTION GUIDE"
4. SEISMIC DESIGN VALUES: IBC-2015 / ASCE 7
 Ss = 1.724
 S1 = 0.593
 Sds = 1.150g
 Sd1 = 0.593g
 SITE CLASS: "D"
 BUILDING RISK CATEGORY: "II"
 IMPORTANCE FACTOR: Ie = 1.0
 SEISMIC DESIGN CATEGORY: "D"
 ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE ANALYSIS
 SEISMIC FORCE RESISTING SYSTEM:
 -WOOD SHEATHED WALLS
 RESPONSE MODIFICATION FACTOR: R = 6.5
 DEFLECTION AMPLIFICATION FACTOR: Cd = 4
 SYSTEM OVERSTRENGTH FACTOR: OMEGA = 3
 ALLOWABLE INTERSTORY DRIFT: 0.02 Hsx
5. WIND LOAD DESIGN VALUES: IBC-2015 / ASCE 7
 V = 141 mph (3-sec gust)
 BUILDING RISK CATEGORY: "II"
 IMPORTANCE FACTOR: I = 1.0
 EXPOSURE CATEGORY: "B"
 ENCLOSURE CLASSIFICATION: ENCLOSED
 WIND DIRECTIONALITY FACTOR: Kd = 0.85
 TOPOGRAPHIC FACTOR: Kzt = 1.0
 VELOCITY EXPOSURE COEFFICIENT: Kz = 0.70
 VELOCITY PRESSURE: q = 30.3 psf
 INTERNAL PRESSURE COEFFICIENT: GCpi = +/- 0.18
 ALLOWABLE INTERSTORY DRIFT: 0.0025 Hsx



1 FOUNDATION PLAN - RELOCATABLE UNIT
 1/4" = 1'-0"

KEYED NOTES (THIS SHEET ONLY)

- 1 INDICATES LOCATION OF EARTH ANCHOR TYPE 1 WITH DIAGONAL STRAP ANCHORAGE; SEE 3/S201.
- 2 INDICATES LOCATION OF EARTH ANCHOR TYPE 2 WITH DIAGONAL STRAP ANCHORAGE; SEE 4/S201.
- 3 EXISTING STEEL BEAM.
- 4 EARTH ANCHORS @ INTERIOR OF PORTABLE MUST BE INSTALLED BEFORE PORTABLES ARE MOVED INTO POSITION.

SHEATHING REQUIREMENTS

- THE EXISTING SHEATHING IS SATISFACTORY, BUT THE NAILING IS NOT. INSTALL GALV. 6d NAILS @ 6" O.C. AT ALL EXTERIOR SHEATHING AT EACH STUD AND ALONG TOP & BOTTOM PLATES.

GENERAL NOTES

- SEE GENERAL NOTES FOR EARTH ANCHOR REQUIREMENTS & PROPERTIES AND SEE 1/S201 FOR INSTALLATION PROCEDURES.
- PIER & ANCHOR LAYOUT IS BASED ON PHYSICAL OBSERVATIONS FOR THE SPECIFIC RELOCATABLE UNIT SHOWN HEREIN. NOTIFY EOR OF ANY DISCREPANCIES.
- F.V. = FIELD VERIFY.
- INSPECTIONS MUST BE BY AN APPROVED INSPECTOR.
- INSPECTIONS MUST BE DOCUMENTED.
- EXTERIOR GLAZING MUST MEET WINDBORNE DEBRIS RESISTANCE CRITERIA.

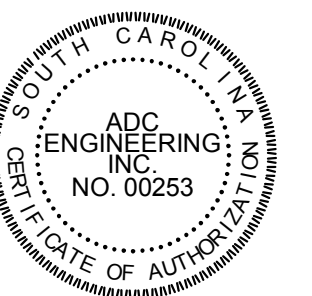
ROOF TRUSS CONNECTION

- THE THIRD PARTY INSPECTOR OR ENGINEER SHALL CONFIRM THAT A HURRICANE CLIP HAS BEEN INSTALLED ON EACH TRUSS BY REMOVING A SOFFIT PANEL AND INSPECTING FOR A METAL CLIP. THE OWNER SHALL INSTALL A METAL CLIP AT EACH RAFTER PER DETAIL 5/S201.

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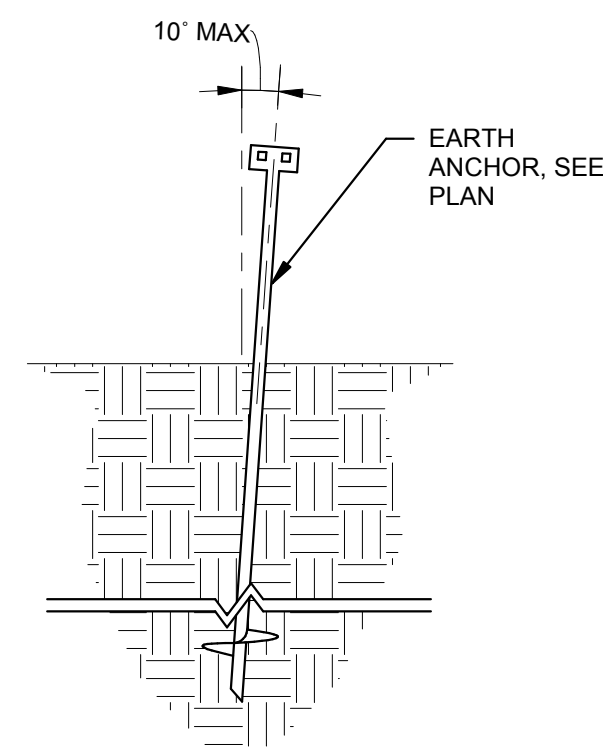


ENGINEERING SPECIALISTS
 SITE SERVICES | BUILDING ENVELOPE | STRUCTURAL
 1226 YEAMANS HALL ROAD,
 HANAHAN, SC 29410
 843-566-0161
 fax 843-566-0162
 ADCENGINEERING.COM

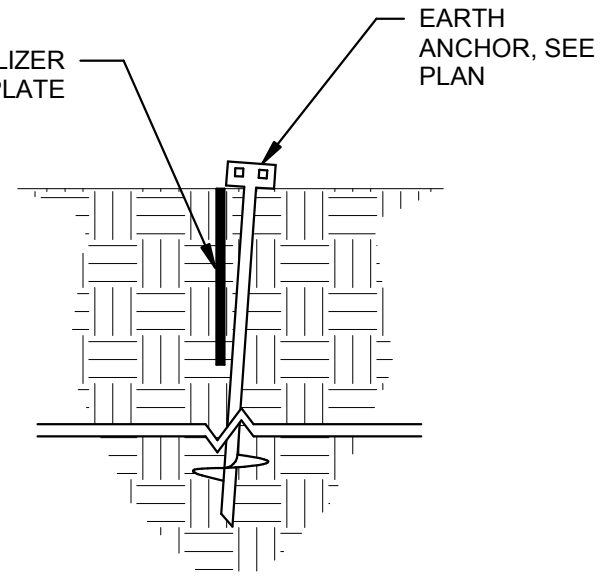
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DRAWN:	WLB
REVISION:	

GENERAL NOTES/PLANS

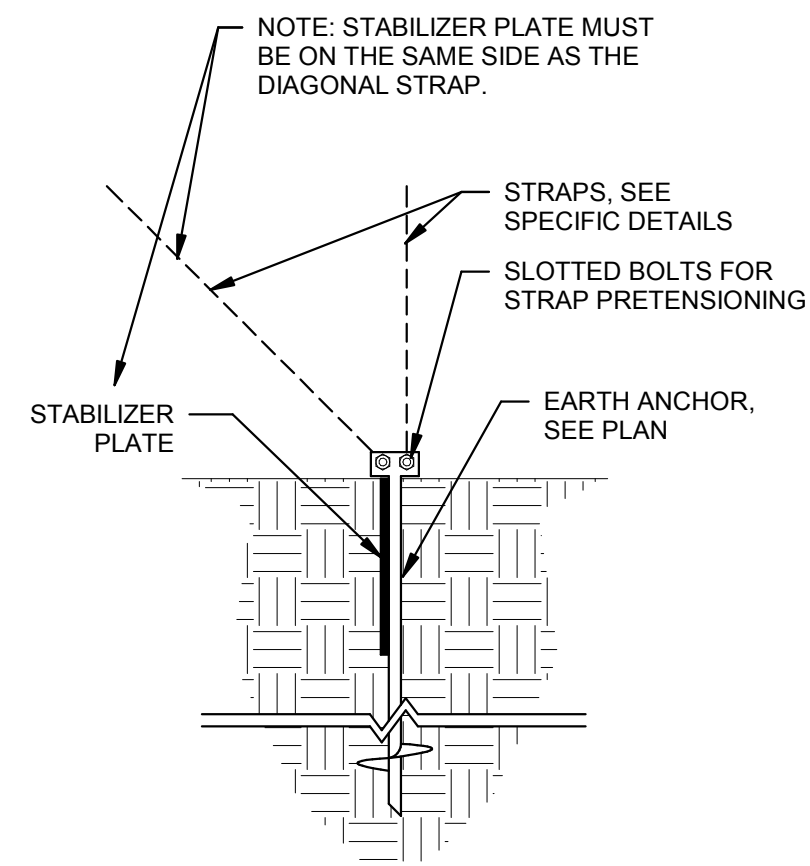
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- SEQUENCE 1:**
1. LOCATE THE ANCHOR AS INDICATED ON PLAN & SPECIFIC DETAILS
 2. USING A DRIVE MACHINE, BEGIN TO DRIVE THE ANCHOR INTO THE GROUND. NOTE THAT ANCHORS MAY BE ORIENTED UP TO 10° FROM VERTICAL TO AID INSTALLATION. DRIVE THE ANCHOR USING CONSTANT DOWNWARD PRESSURE TO MINIMIZE SOIL DISTURBANCE
 3. PARTIALLY INSTALL THE ANCHOR TO ALLOW 14"-16" REMAINING ABOVE GROUND LEVEL

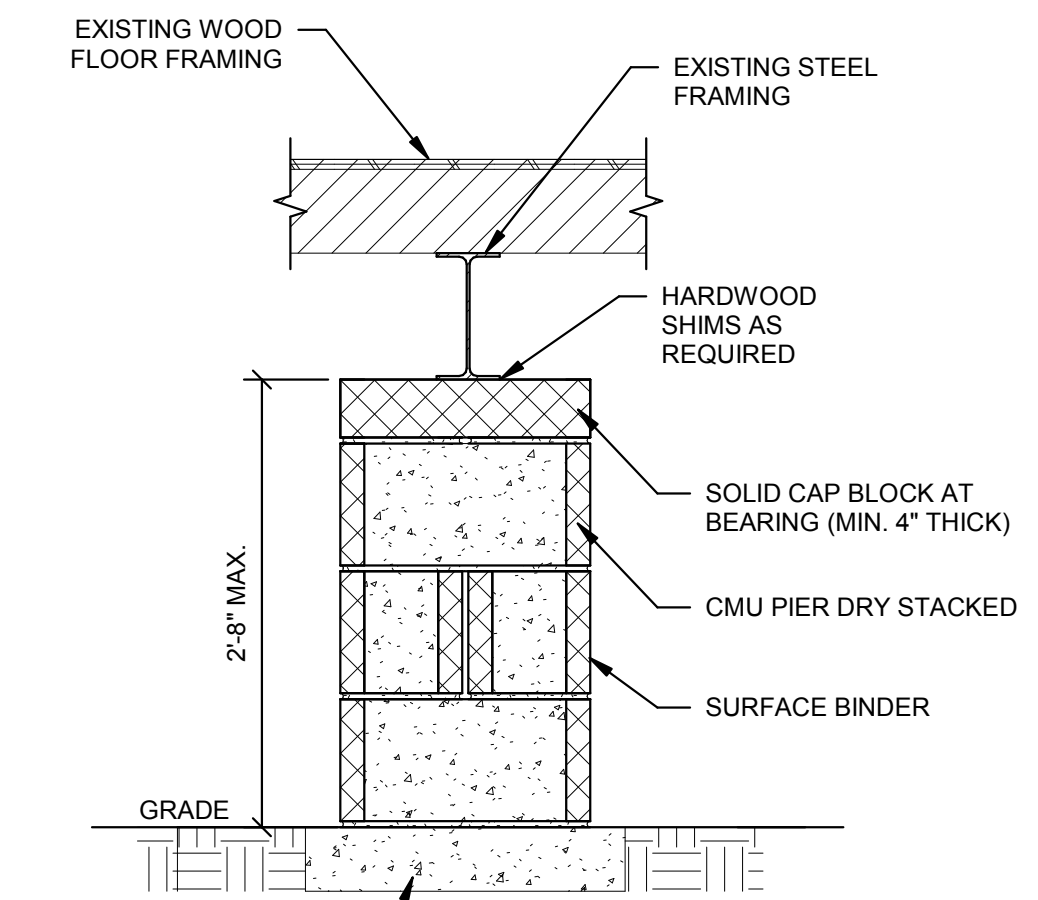


- SEQUENCE 2:**
1. UTILIZING AND OVERSIZED HAMMER, DRIVE THE STABILIZER PLATE INTO THE GROUND ADJACENT TO THE ANCHOR SHAFT UNTIL THE TOP OF THE PLATE IS FLUSH WITH THE GROUND SURFACE (SEE SPECIFIC DETAILS FOR ORIENTATION OF STABILIZER PLATE)
 2. COMPLETE THE INSTALLATION OF THE ANCHOR UNTIL THE BOTTOM OF THE ANCHOR HEAD IS FLUSH WITH THE GROUND SURFACE

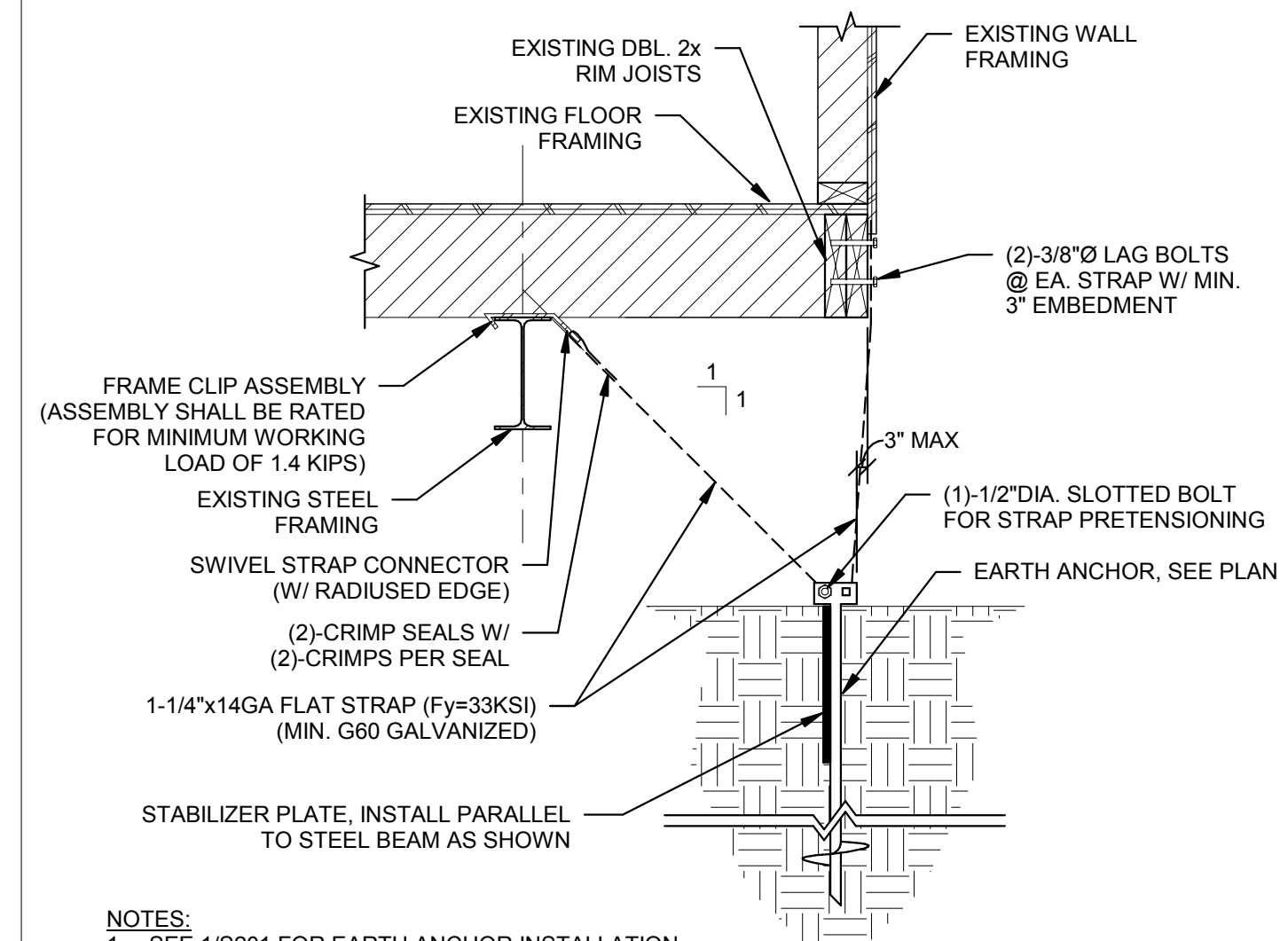


- SEQUENCE 3:**
1. ATTACH DIAGONAL STRAP AND ASSOCIATED HARDWARE (SEE SPECIFIC DETAILS) INCLUDING MANUFACTURER'S LOCKING MECHANISM TO MAINTAIN STRAP TENSION
 2. PRETENSION THE DIAGONAL STRAP UNTIL THE ANCHOR SHAFT IS FIRMLY IN CONTACT WITH THE STABILIZER PLATE
 3. ATTACH VERTICAL STRAP AND ASSOCIATED HARDWARE (SEE SPECIFIC DETAILS) INCLUDING MANUFACTURER'S LOCKING MECHANISM TO MAINTAIN STRAP TENSION
 4. PRETENSION THE VERTICAL STRAP UNTIL ALL ARE TIGHT

1 TYP. EARTH ANCHOR INSTALLATION
1" = 1'-0"

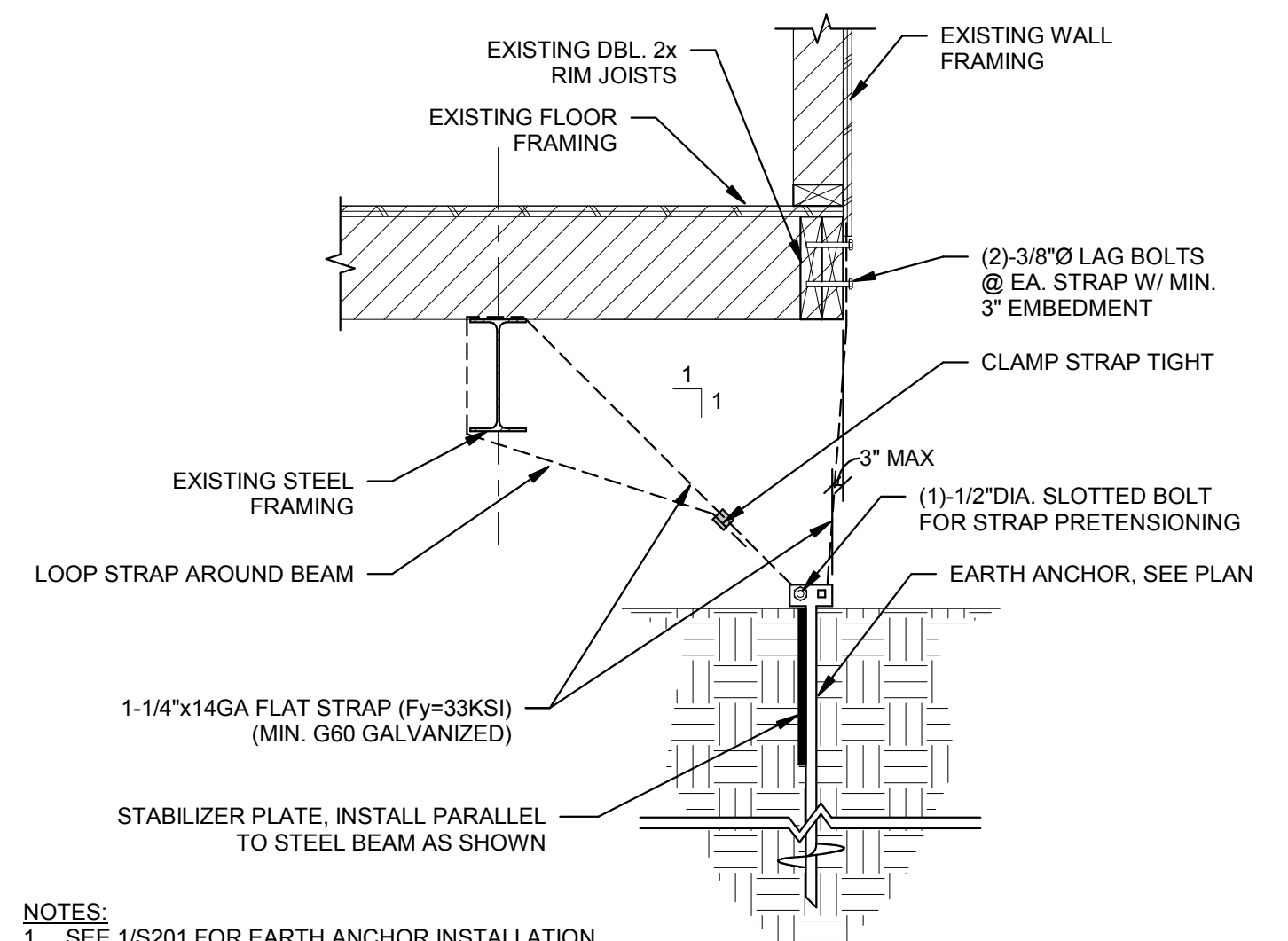


2 SECTION @ PIER
1" = 1'-0"



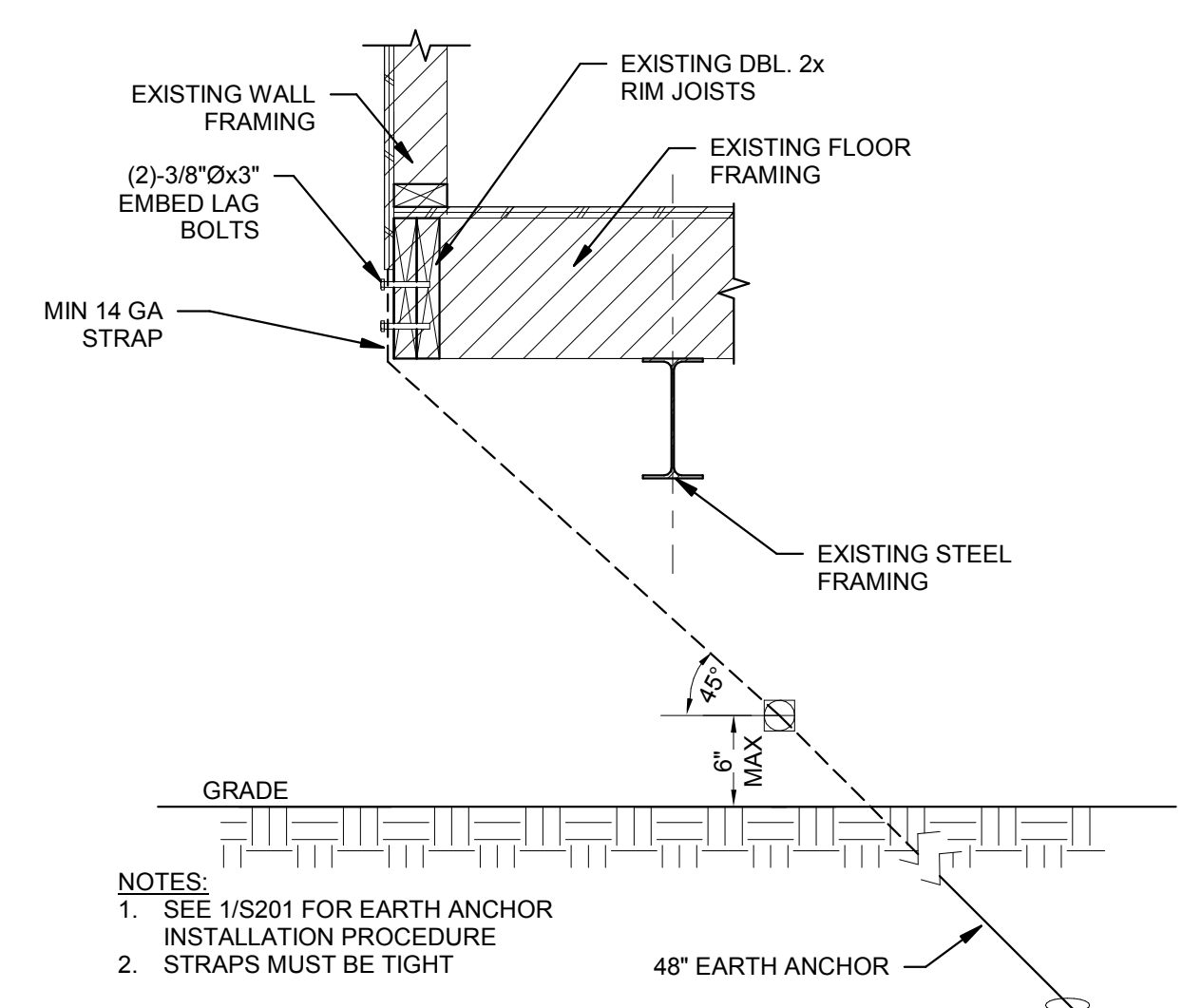
- NOTES:**
1. SEE 1/S201 FOR EARTH ANCHOR INSTALLATION PROCEDURE
 2. STRAPS MUST BE TIGHT

3A SECTION OF ANCHOR TYPE 1 - SIDE WALL DETAIL OPTION 1
1" = 1'-0"



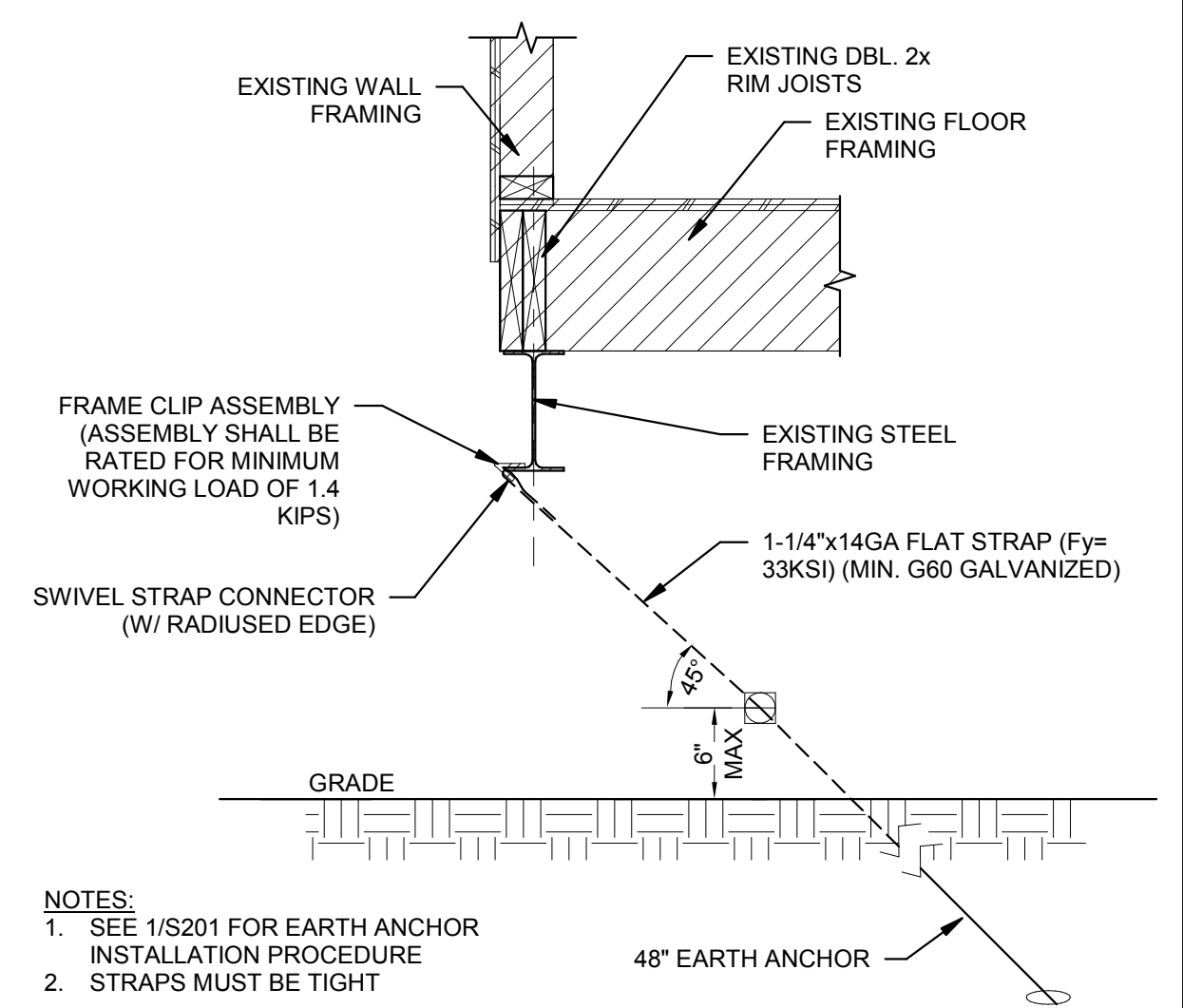
- NOTES:**
1. SEE 1/S201 FOR EARTH ANCHOR INSTALLATION PROCEDURE
 2. STRAPS MUST BE TIGHT

3B SECTION OF ANCHOR TYPE 1 - SIDE WALL DETAIL OPTION 2
1" = 1'-0"



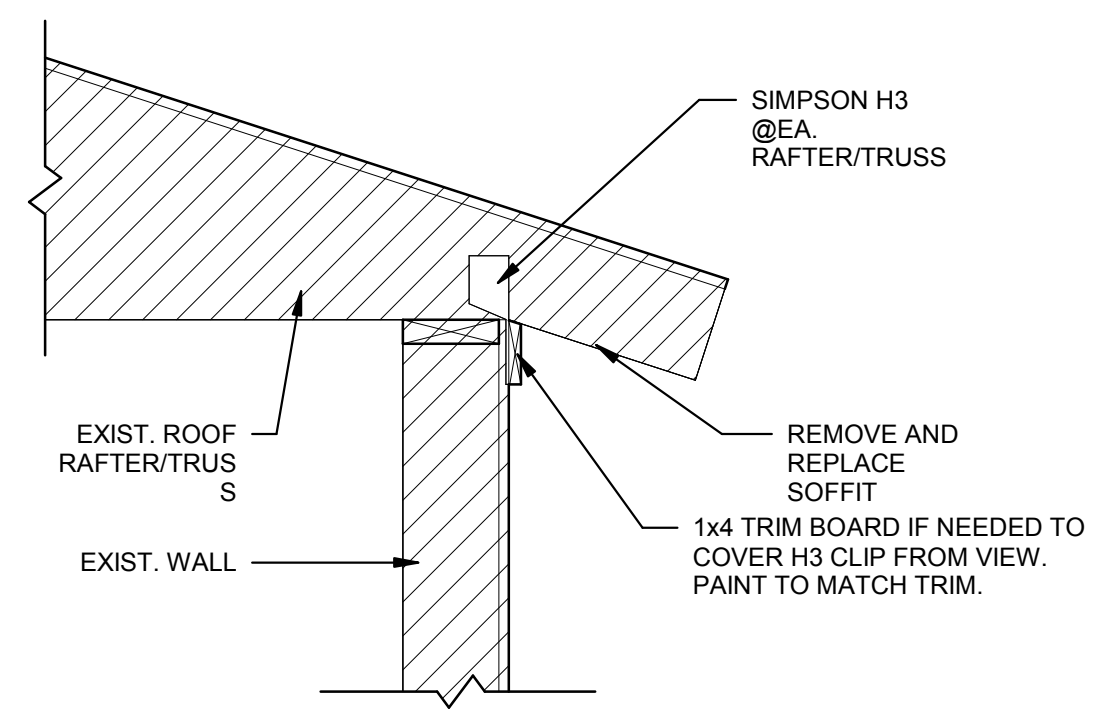
- NOTES:**
1. SEE 1/S201 FOR EARTH ANCHOR INSTALLATION PROCEDURE
 2. STRAPS MUST BE TIGHT

4A SECTION OF ANCHOR TYPE 2 - END WALL DETAIL OPTION 1
1" = 1'-0"



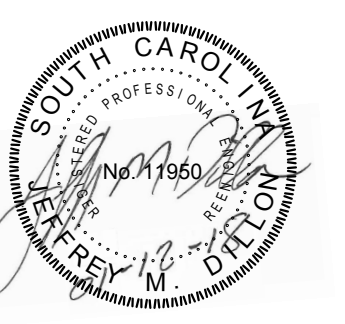
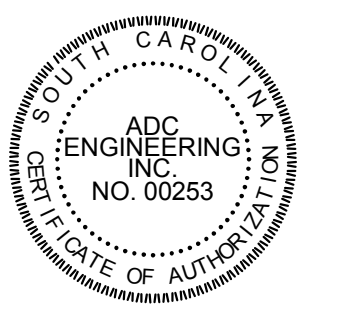
- NOTES:**
1. SEE 1/S201 FOR EARTH ANCHOR INSTALLATION PROCEDURE
 2. STRAPS MUST BE TIGHT

4B SECTION OF ANCHOR TYPE 2 - END WALL DETAIL OPTION 2
1" = 1'-0"



5 SECTION @ TRUSS
1" = 1'-0"

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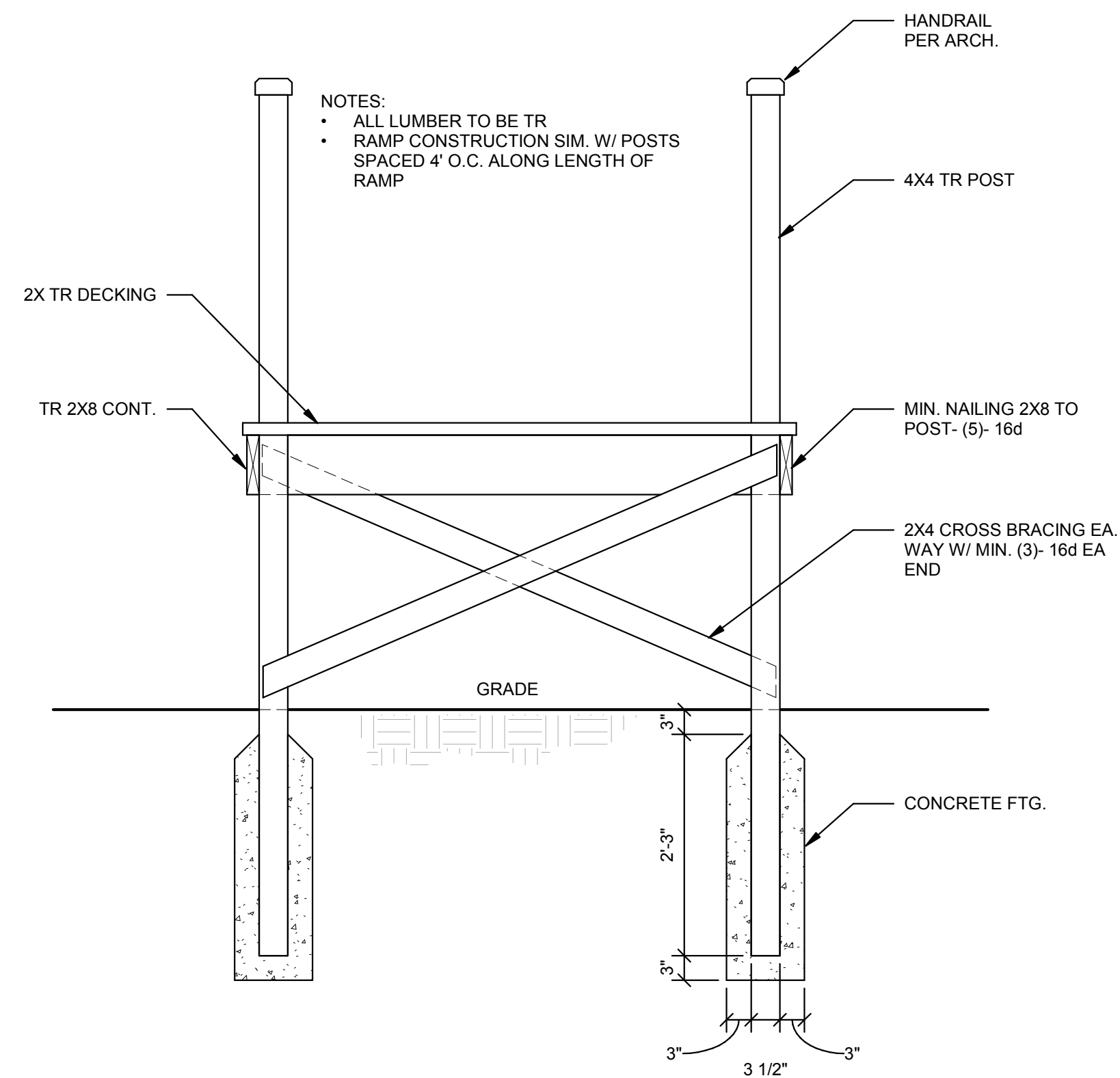


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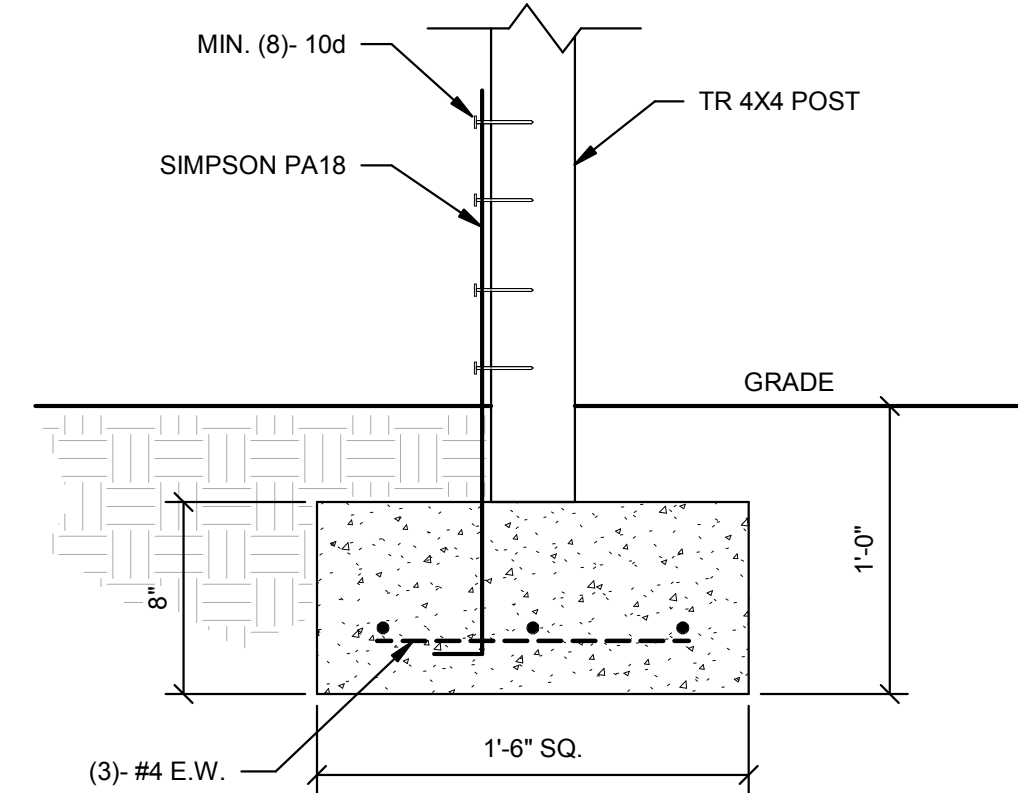
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SECTIONS AND DETAILS

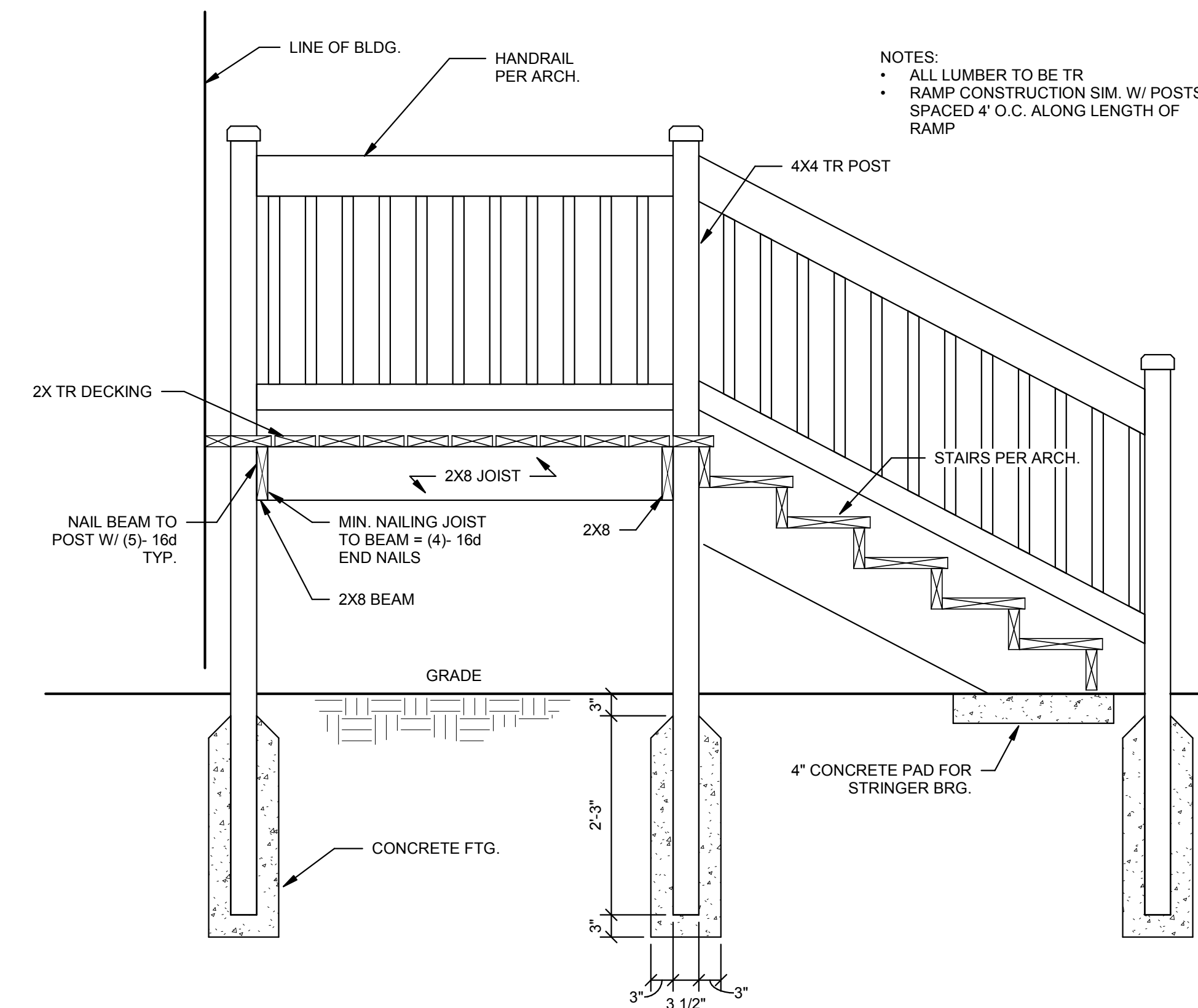
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1 SECTION @ STAIR/RAMP
 3/4" = 1'-0"



2 ALT. FOOTING DETAIL
 1 1/2" = 1'-0"

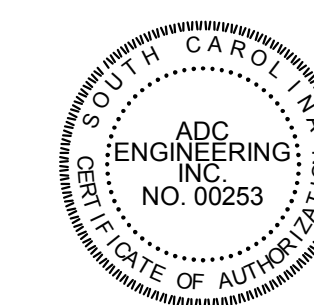


3 SECTION @ STAIR/RAMP
 3/4" = 1'-0"

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TYPICAL RAMP &
 STAIR DETAILS

S301