

THERMAL ENVELOPE NOTES

THE BUILDING ENVELOPE SHALL BE DURABLY SEALED TO LIMIT INFILTRATION. THE SEALING METHODS BETWEEN DISSIMILAR MATERIALS SHALL ALLOW FOR DIFFERENTIAL EXPANSION AND CONTRACTION. THE FOLLOWING SHALL BE CAULKED, GASKETED, WEATHER-STRIPPED, OR OTHERWISE SEALED WITH A BARRIER MATERIAL, SUITABLE FILM, OR SOLID MATERIAL:

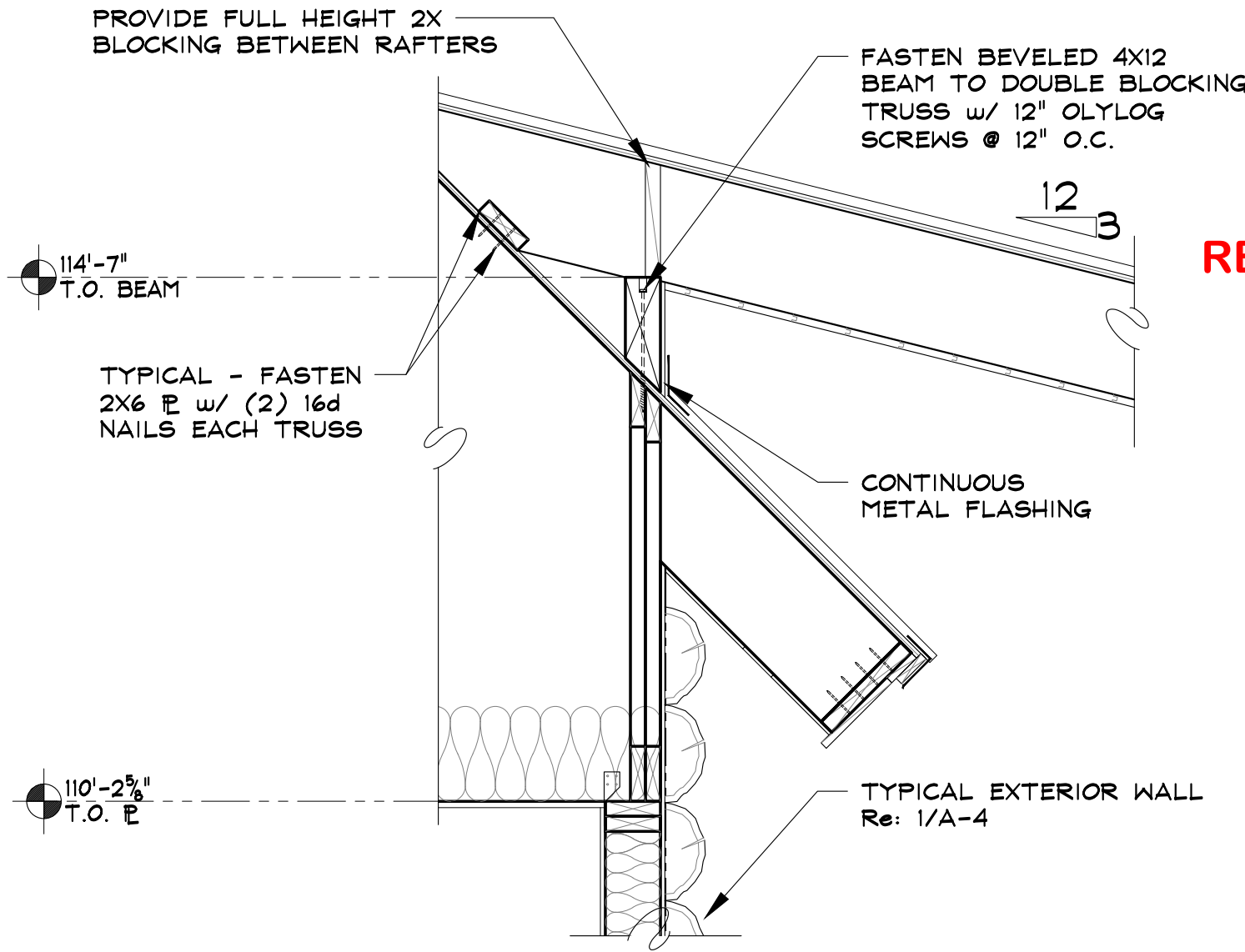
1. ALL JOINTS, SEAMS, AND PENETRATIONS
2. SITE-BUILT WINDOWS, DOORS, & SKYLIGHTS
3. OPENINGS BETWEEN WINDOW & DOOR ASSEMBLIES
4. UTILITY PENETRATIONS
5. DROPPED CEILINGS & CHASES ADJACENT TO THE THERMAL ENVELOPE
6. KNEE WALLS
7. WALLS & CEILING SEPARATING A GARAGE FROM CONDITIONED SPACES
8. BEHIND TUBS & SHOWERS OF EXTERIOR WALLS
9. BEHIND FIREPLACE INSERTS
10. ANY OTHER SOURCE OF INFILTRATION

WINDOWS, SKYLIGHTS, & SLIDING DOORS SHALL HAVE AN AIR INFILTRATION RATE OF NO MORE THAN 0.3 cfm PER SQUARE FOOT. SWINGING DOORS SHALL HAVE AN AIR INFILTRATION RATE OF NO MORE THAN 0.5 cfm PER SQUARE FOOT.

RECESSED LUMINARIES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO LIMIT AIR LEAKAGE BETWEEN CONDITIONED & UNCONDITIONED SPACES BY BEING:

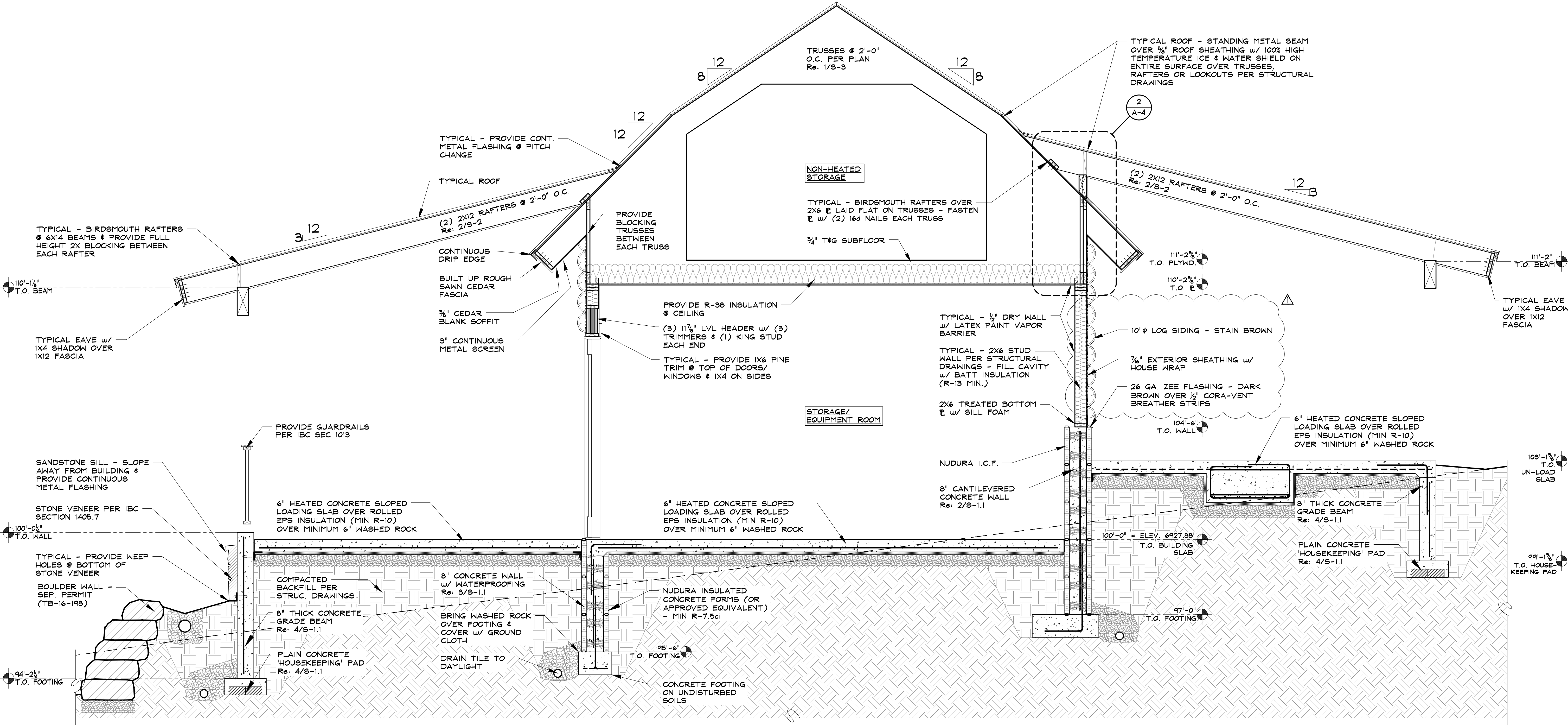
1. IC RATED & LABELED WITH ENCLOSURES THAT ARE SEALED OR GASKETED TO PREVENT AIR LEAKAGE TO THE CEILING CAVITY OR UNCONDITIONED SPACE

ABOVE GRADE FRAME WALLS, FLOORS, & CEILINGS NOT VENTILATED TO ALLOW MOISTURE TO ESCAPE SHALL BE PROTECTED WITH LATEX PAINT OR 6 MIL. POLY OVERLAPPED & TAPERED AT ALL JOINTS. THE VAPOR RETARDER SHALL BE INSTALLED ON THE WARM-IN-WINTER SIDE OF THE THERMAL ENVELOPE.



2 SECTION @ DOUBLE BLOCKING TRUSS

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



1 BUILDING SECTION - COMBINED ARCHITECTURAL AND STRUCTURAL

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

ALPINE COASTER LOWER BUILDING

2305 MT. WERNER CIRCLE
STEAMBOAT SPRINGS, COLORADO

A NEW BUILDING FOR:
SSRC - STEAMBOAT SKI & RESORT CORP.

ISSUE DATES

CONCEPTUAL	06 . 13 . 16
PRICING SET	07 . 27 . 16
REVISED	08 . 01 . 16
PERMIT	08 . 03 . 16
	09 . 01 . 16

DRAWN BY:
SJM/JEM
PROJECT # 16020

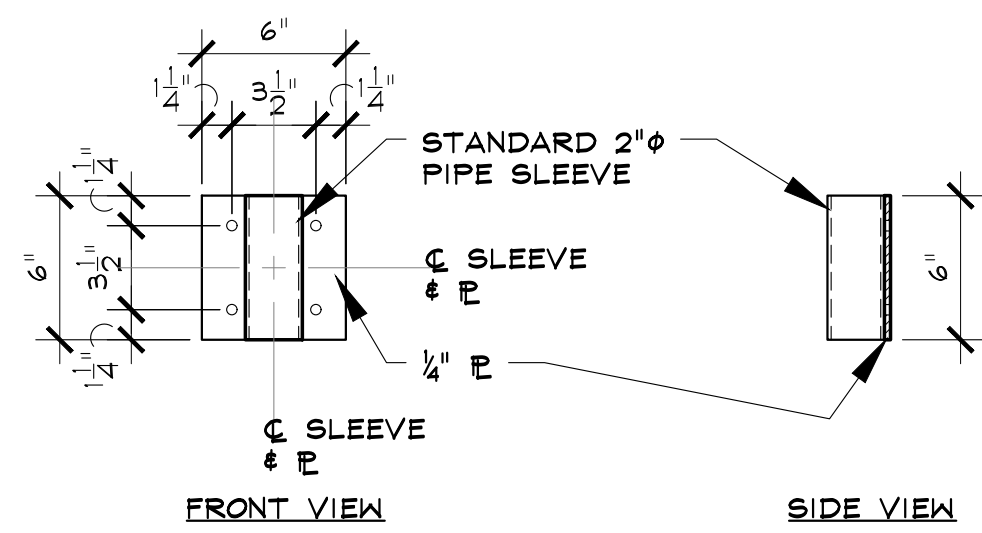
BUILDING SECTION

A-4

SHEET 5 of 14

SEAD

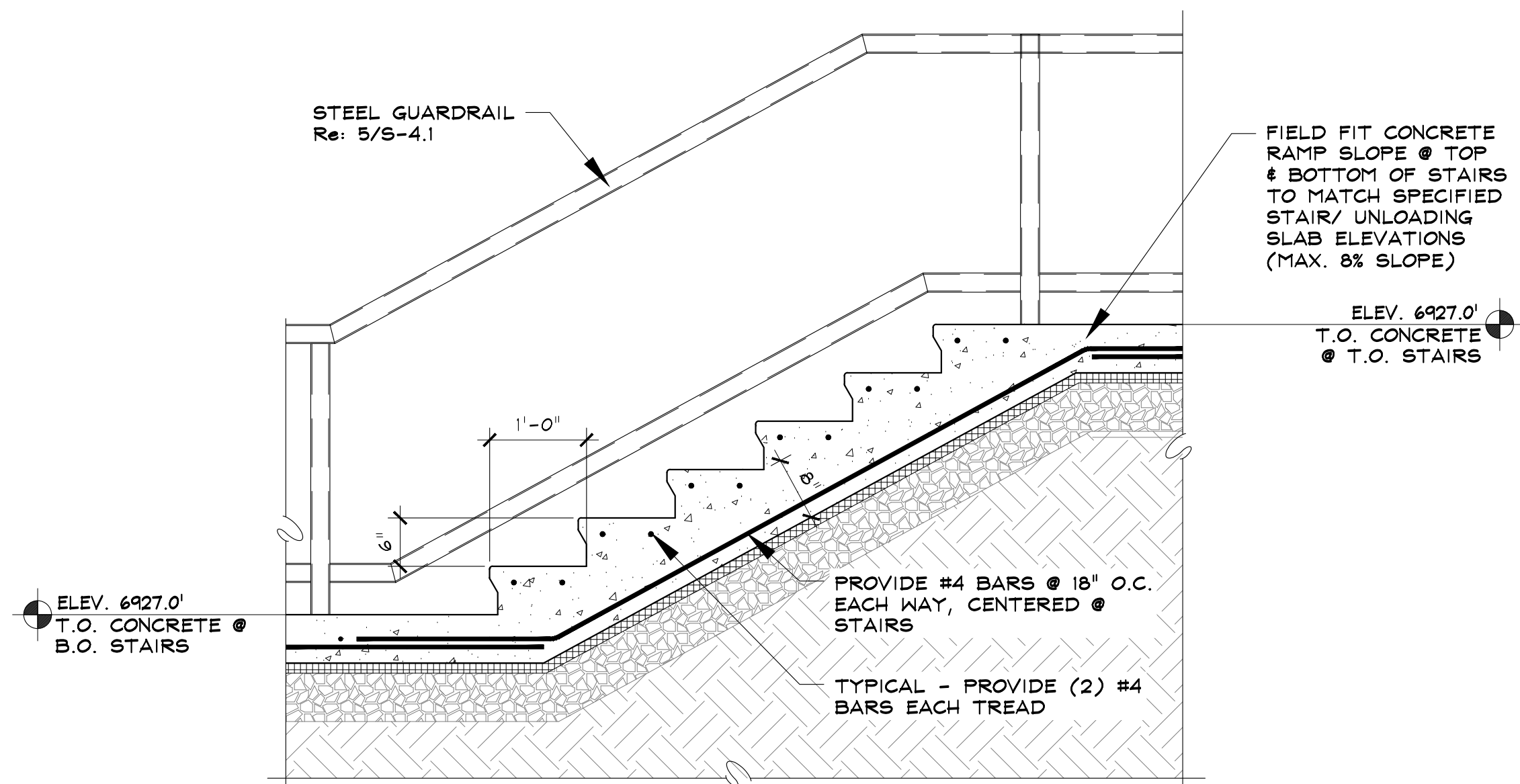
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4 STEEL SLEEVE & F

TYPICAL - PROVIDE 3/8" HOLES FOR 3/8" BOLTS
2" STANDARD STEEL PIPE FOR SLEEVE
1/4" THICK STEEL F
ALL STEEL SHALL BE GALVANIZED
PROVIDE (28) EACH

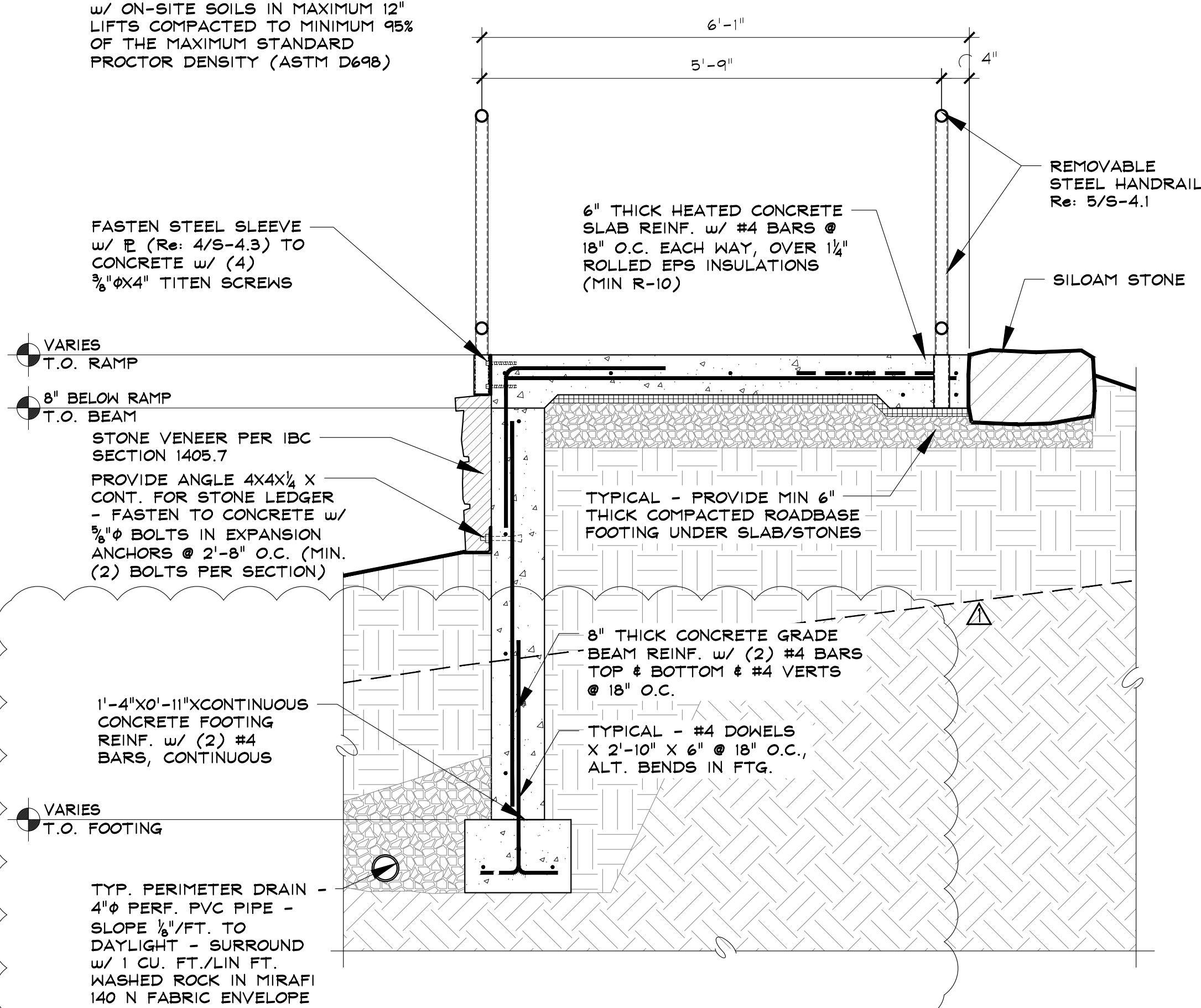
SCALE: 1/2" = 1'-0"



3 SECTION @ CONCRETE STAIRS

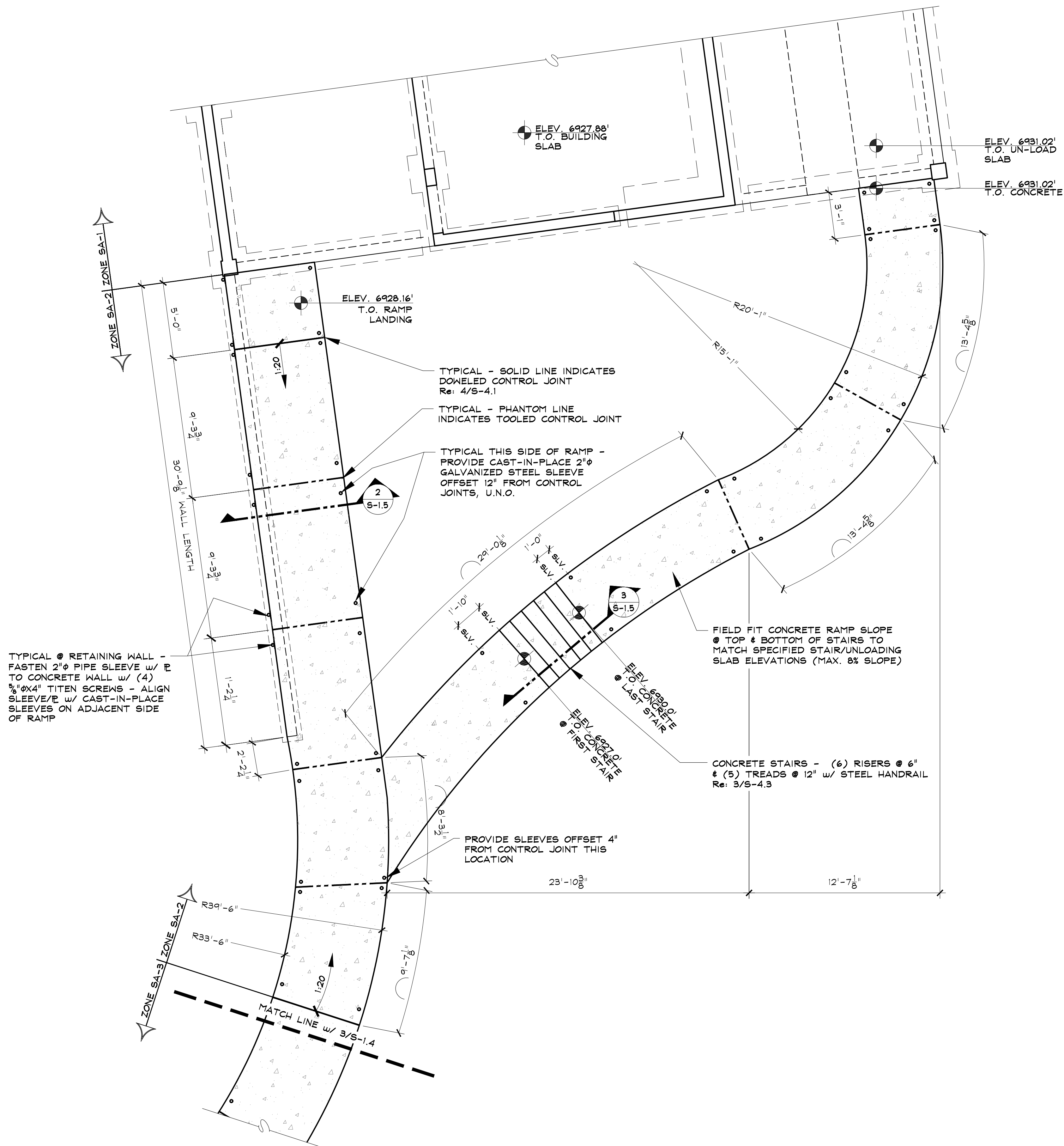
SCALE: 3/4" = 1'-0"

NOTE:
BACKFILL AS REQUIRED BELOW SLAB
W/ ON-SITE SOILS IN MAXIMUM 12"
LIFTS COMPACTED TO MINIMUM 95%
OF THE MAXIMUM STANDARD
PROCTOR DENSITY (ASTM D698)



2 TYPICAL SECTION @ ZONES SA-3 & SA-2

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



1 ENHANCED CONCRETE ADA RAMP PLAN @ ZONE SA-2

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

RCRBD
RECORD SET