

FORMWORK STRIPPING

1. WALL FORMWORK SHALL NOT BE STRIPPED UNTIL CONCRETE HAS ATTAINED A COMPRESSIVE STRENGTH OF 10 MPA.
2. SLAB, BEAM & COLUMN FORMS SHALL NOT BE STRIPPED UNTIL THE CONCRETE HAS ATTAINED A STRENGTH OF 20 MPA. ALL SLABS AND BEAMS SHALL BE SEQUENTIALLY RE-SHORED DURING STRIPPING UNTIL CONCRETE HAS ATTAINED THE SPECIFIED 28 DAY COMPRESSIVE STRENGTH.
3. THE STRENGTH OF CONCRETE FOR STRIPPING SHALL BE CONFIRMED BY TESTING OF FIELD CURED TEST CYLINDERS.

HILTI CONCRETE ANCHORS

1. PREDRILLED ADHESIVE ANCHORS ARE HILTI PRODUCTS. ANCHORS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS. OBTAIN ON SITE TRAINING OF INSTALLERS BY HILTI REPRESENTATIVES PRIOR TO INSTALLATION. SUBMIT TRAINING CARD OR LETTER FROM HILTI TO ENGINEER.
2. THREADED RODS TO BE HILTI HAS RODS AS BELOW, SEE DRAWING DETAILS FOR SELECTED RODS.
 - a. HILTI HAS E STANDARD (ISO 898 CLASS 5.8)
 - b. HILTI HAS SUPER (ASTM 193 B7)
 - c. HILTI SS (AISI 304/316 SS)
 - d. HILTI HIT-TZ RODS AND HIT HY-200 CAN BE USED IN UNCLEANED HOLES.
3. DRILLING SHALL BE PERFORMED WITH A ROTARY HAMMER DRILL AND CARBIDE TIPPED DRILL BIT IN ACCORDANCE WITH THE INSTRUCTIONS ACCOMPANYING ADHESIVE CARTRIDGE.
4. ALTERNATE DRILLINGS METHODS, SUCH AS DIAMOND CORING, MUST BE APPROVED BY THE ENGINEER OF RECORD.
5. SPECIAL CONDITIONS, SUCH AS WATER SATURATED CONCRETE, WATER FILLED HOLES, UNDERWATER AND OVERHEAD INSTALLATIONS MUST BE APPROVED BY THE ENGINEER OF RECORD.
6. OVERHEAD ANCHORS MUST BE INSTALLED USING HILTI ACCESSORIES TO ENSURE CORRECT ADHESIVE INJECTION.
7. ANCHOR CAPACITY USED IN THE DESIGN IS BASED ON THE GUIDELINES PUBLISHED BY HILTI. ALTERNATE FASTENING SYSTEMS PROPOSED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL. MANUFACTURER'S PUBLISHED DATA, INCLUDING LOAD RESISTANCE, IN-SERVICE AND INSTALLATION TEMPERATURE, CREEP TESTING, FREEZE/THAW TESTING, COMPREHENSIVE INSTALLATION INSTRUCTIONS AND AVAILABILITY FOR ONSITE TRAINING MUST BE INCLUDED IN THE PROPOSAL.

METAL FABRICATION

1. ALL WELDING WORK TO CSA W59-03, UNLESS NOTED OTHERWISE.
2. MATERIALS: UNLESS NOTED OTHERWISE, PROVIDE.
 - a. STEEL SECTIONS AND PLATES TO CSA G40.21-04 350W
 - b. WELDING MATERIALS TO CSA W59-03.
 - c. GALVANIZING: HOT DIPPED GALVANIZING WITH MINIMUM ZINC COATING OF 600 G/M TO CSA G164-M92.
 - d. GALVANIZED PRIMER: ZINC RICH READY MIX TO CGSB 1-GP-181B.
 - e. SHOP PRIMER TO CGSB 1-GP-40D.
 - f. SULPHUR: COMMERCIAL GRADE SETTING METAL POST.
3. EXPOSED WELDS TO BE CONTINUOUS FOR LENGTH OF JOINT. FILE OR GRIND EXPOSED WELDS SMOOTH AND FLUSH.
4. APPLY (1) SHOP COAT OF PRIMER TO METAL ITEMS, EXCEPT FOR STAINLESS STEEL, ALUMINIUM, GALVANIZED, AND ITEMS TO BE ENCASED IN CONCRETE.
5. FINAL FINISH AS PER ARCHITECTURAL REQUIREMENTS OR OWNERS SPECIFICATIONS.

WOOD FRAMING

1. MATERIALS AND CONSTRUCTION TO CONFORM TO CSA 086-14 AND THE BCBC
2. ALL LUMBER GRADES SHALL BE IN ACCORDANCE WITH THE NATIONAL LUMBER GRADING AUTHORITY (NLGA CANADA) AND SHALL CONFORM TO CSA 0141-05 FOR SOFTWOOD LUMBER. MIN. GRADE NO.2 SPF. LUMBER SHALL BE DRY WITH A MAXIMUM MOISTURE CONTENT OF 12%. ALL LUMBER IS TO BEAR AN NLGA GRADE AND SPECIES STAMP.
3. DIMENSIONAL LUMBER TO BE SPF NO.1/2 U.N.O.
4. HEAVY TIMBER MEMBERS (WHERE WIDTH IS GREATER THAN 5-1/2") TO BE D.FIR NO.1 U.N.O.
5. PLYWOOD PRODUCTS SHALL CONFORM TO CSA 0121-08 FOR DOUGLAS FIR PLYWOOD AND CSA 0151-00 FOR WESTERN SOFTWOOD PLYWOOD.
6. WOOD IN CONTACT WITH CONCRETE OR MASONRY TO BE PRESSURE TREATED. IF BELOW GRADE, SEPARATE FROM CONCRETE AND BLOCK WITH MOISTURE BARRIER.
7. CUTS IN STRUCTURAL MEMBERS SHALL BE APPROVED BY THE ENGINEER PRIOR TO COMMENCEMENT OF WORK.
8. WALL AND FLOOR SHEATHING TO BE NAILED AT 6" O.C. AROUND PERIMETER AND 12" O.C. AT INTERMEDIATE LOCATIONS TO ALL FRAMING MEMBERS WITH MINIMUM 2 1/2" COMMON NAILS (1/8" DIA) UNLESS NOTED OTHERWISE ON DRAWINGS.
9. BUILT UP BEAMS AND HEADERS TO BE NAILED TOGETHER WITH 3 LINES OF NAILS (3 1/2" COMMON) AT 8" O.C. ALL PLYS TO BE FULL LENGTH (NO SPLICES WITHIN BEAM). BUILT UP POST TO BE NAILED TOGETHER WITH 2 LINES OF NAILS (3 1/2" COMMON) AT 6" O.C. ALL PLYS TO BE FULL LENGTH (NO SPLICES WITHIN POST)
10. PROVIDE SOLID BLOCKING BETWEEN JOISTS AT LOAD BEARING WALLS OR BEAMS. PROVIDE CONTINUOUS LINES OF BRIDGING BETWEEN FLOOR JOISTS AT 6'-0" OR LESS CENTERS.
11. SILL PLATES TO BEAR ON A FOAM SILL GASKET ON LEVEL CONCRETE. ANCHOR AT 3'-0" O/C WITH 1/2" DIA. ANCHOR BOLTS U.N.O.
12. ROOF AND FLOOR SHEATHING TO BE LAID WITH SURFACE GRAIN PERPENDICULAR TO JOISTS AND JOINTS PARALLEL TO THE JOISTS STAGGERED BEARING ON JOISTS.
13. ALL STUD WALLS SHALL BE SHEATHED (GYPSUM BOARD OR PLYWOOD) ON ONE SIDE AS A MINIMUM.
14. ALL LOAD BEARING WALLS TO HAVE A DOUBLE TOP PLATE WITH SPLICES STAGGERED AT 4'-0" MINIMUM. NAIL PLATES WITH 3" COMMON NAILS AT 6" O.C.
15. HEADERS IN LOAD BEARING WALLS TO BE 2 PLY 2X10 UNLESS NOTED OTHERWISE ON THE PLANS. HEADERS TO BE PLACED TO ALLOW FOR 1/2" DEFLECTION.
16. PROPRIETARY WOOD I-JOISTS AND BEAMS SHALL BE IN CONFORMANCE WITH CSA 086 CLAUSE 13. PROPRIETARY STRUCTURAL WOOD PRODUCTS: THE WOOD I-JOIST SUPPLIER SHALL PROVIDE SHOP DRAWINGS SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN BRITISH COLUMBIA THAT SHOW THE COMPLETE STRUCTURAL FLOOR ASSEMBLY, INCLUDING ALL BRIDGING, BLOCKING AND OTHER COMPONENTS COMPRISING THE FLOOR SYSTEM. WOOD I-JOISTS SHALL MEET THE REQUIREMENTS OF THE CANADIAN VIBRATION RECOMMENDATIONS FOR ENGINEERED WOOD MEMBERS.
17. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN BRITISH COLUMBIA THAT SHOW THE COMPLETE ROOF TRUSS ASSEMBLY INCLUDING ALL REQUIRED BRIDGING, BRACING AND CONNECTION DETAILS COMPRISING THE TRUSS SYSTEM. UPON COMPLETION OF ERECTION, THE CONTRACTOR SHALL SUBMIT A LETTER SEALED BY THE ENGINEER CONFIRMING THAT THE ROOF TRUSS SYSTEM HAS BEEN CONSTRUCTED TO HIS/HER SATISFACTION.
18. SEE WOOD FRAME DRAWINGS FOR ADDITIONAL SPECIFICATIONS.

TIMBER FASTENERS

1. THE CONTRACTOR IS RESPONSIBLE FOR SOURCING AN AFFORDABLE FASTENER THAT MEETS THE STRENGTH AND FINISHING REQUIREMENTS OF THE PROJECT. THE CONTRACTOR SHALL SUBMIT THEIR PROPOSED FASTENERS SPECIFICATIONS FOR REVIEW OF THE STRUCTURAL ENGINEER PRIOR TO PROCEEDING WITH PURCHASE.
2. UNLESS OTHERWISE NOTED, THE FOLLOWING PARTIALLY-THREADED SELF-TAPPING SCREWS ARE ACCEPTABLE:
 - a. SFS INTEC-WFC, WFR, AND WFD
 - b. GRK FASTENERS-R4, AND RSS
 - c. HECO-TOPIX
 - d. SWG (WURTH)-ASSY SK, ASSY SK ECOFAST, AND ASSY KOMBI
3. UNLESS OTHERWISE NOTED, THE FOLLOWING FULLY-THREADED SELF TAPPING SCREWS ARE ACCEPTABLE:
 - a. SFS INTEC-WT
 - b. HECO-TPOX-CC, AND TOPIX-T
 - c. SWG (WURTH)-ASSY PLUS VG
4. WHEN USED IN COMBINATION WITH ARCHITECTURALLY EXPOSED STEEL PLATES, SCREWS SHALL HAVE A TAPERED SCREW HEAD UNLESS NOTED OTHERWISE. STEEL SHOULD BE COUNTERSUNK TO RECEIVE TAPERED SCREW HEADS. HOLES ARE NOT TO BE OVERSIZED.
5. WHEN USED IN COMBINATION WITH STEEL PLATES NOT EXPOSED TO SIGHT, SCREWS WITH A HEX HEAD SHOULD BE USED FOR FASTER INSTALLATION, UNLESS NOTED OTHERWISE.
6. REVIEW MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS FOR INSTALLATION INFORMATION.
7. ALL FASTENERS TO BE CLEARLY IDENTIFIED ON SHOP DRAWINGS.

REFERENCE DRAWINGS:

REV TITLE
0 STUDIO 9 ARCHITECTURAL - ISSUED FOR TENDER



160704	CM	AM	Issued for Tender	0
DATE	DRN	APP	ISSUE	REV

ISSUED FOR TENDER

Client
Village of Nakusp
Box 280
Project
Nakusp, BC V0G 1R0
Nakusp Sports Complex
Covered Entrance Structure
Drawing
8th Ave NW, Nakusp

General Notes
Page 2

Project Number

15-108

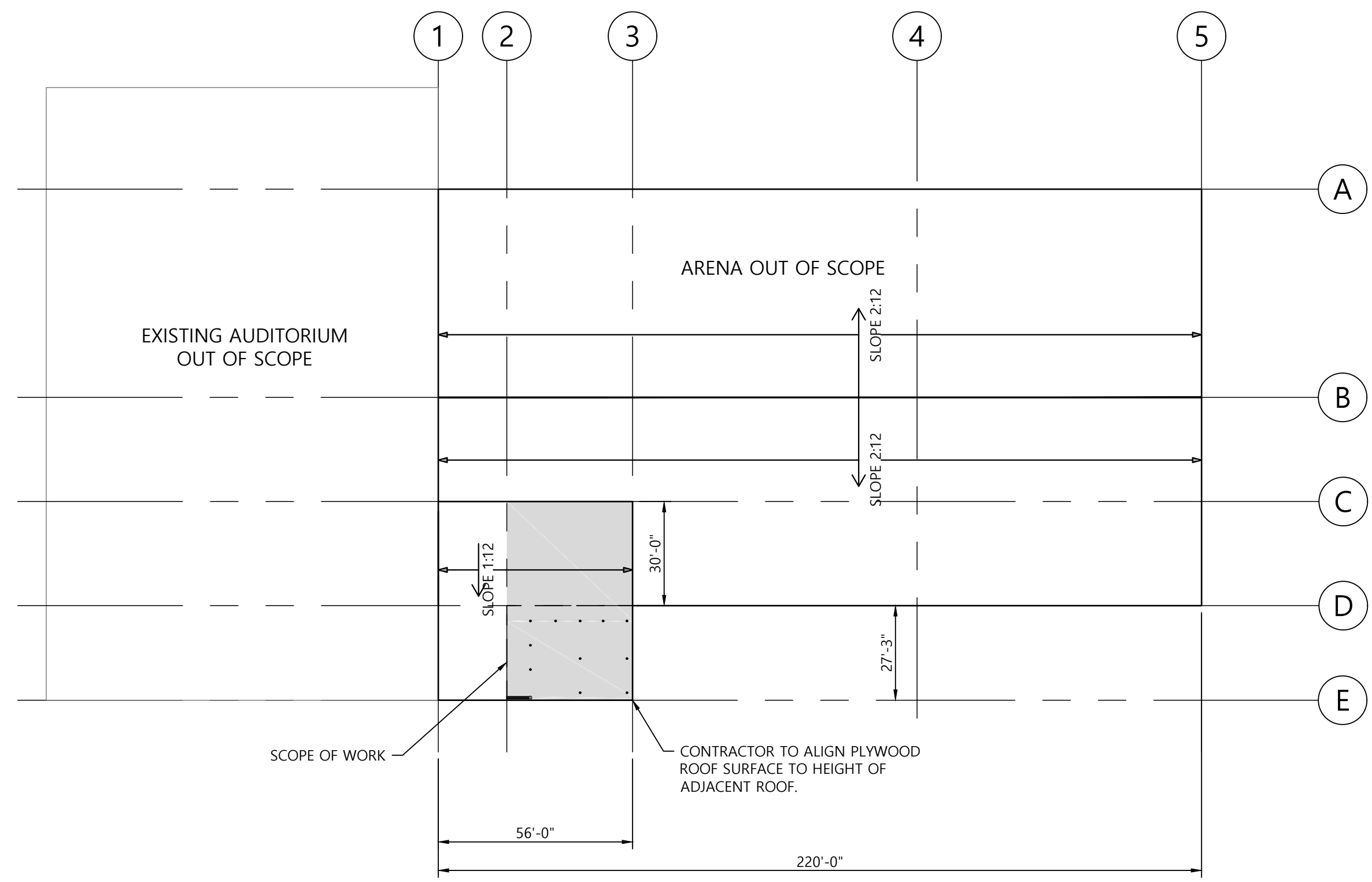
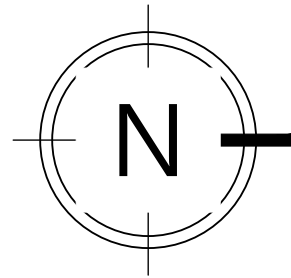
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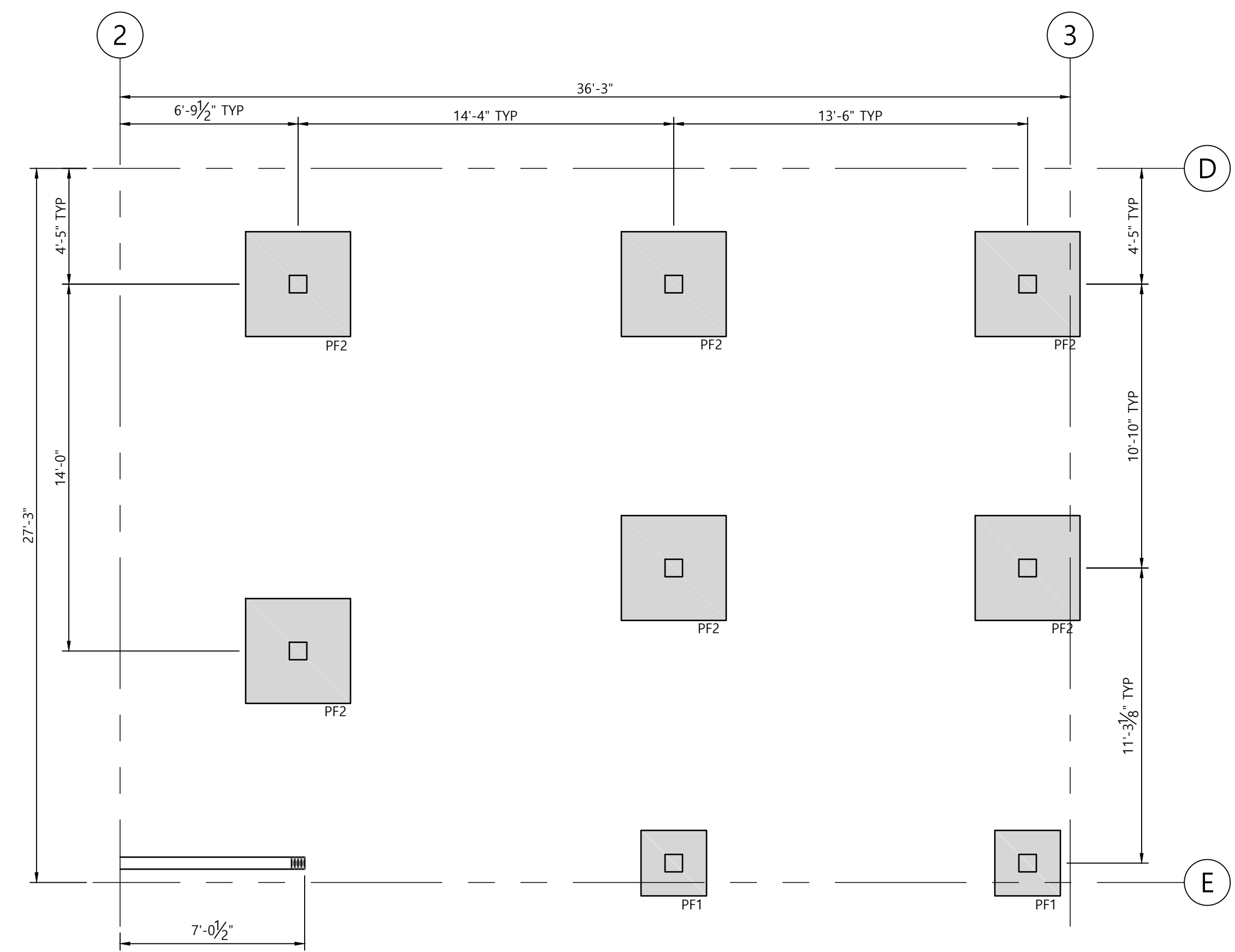
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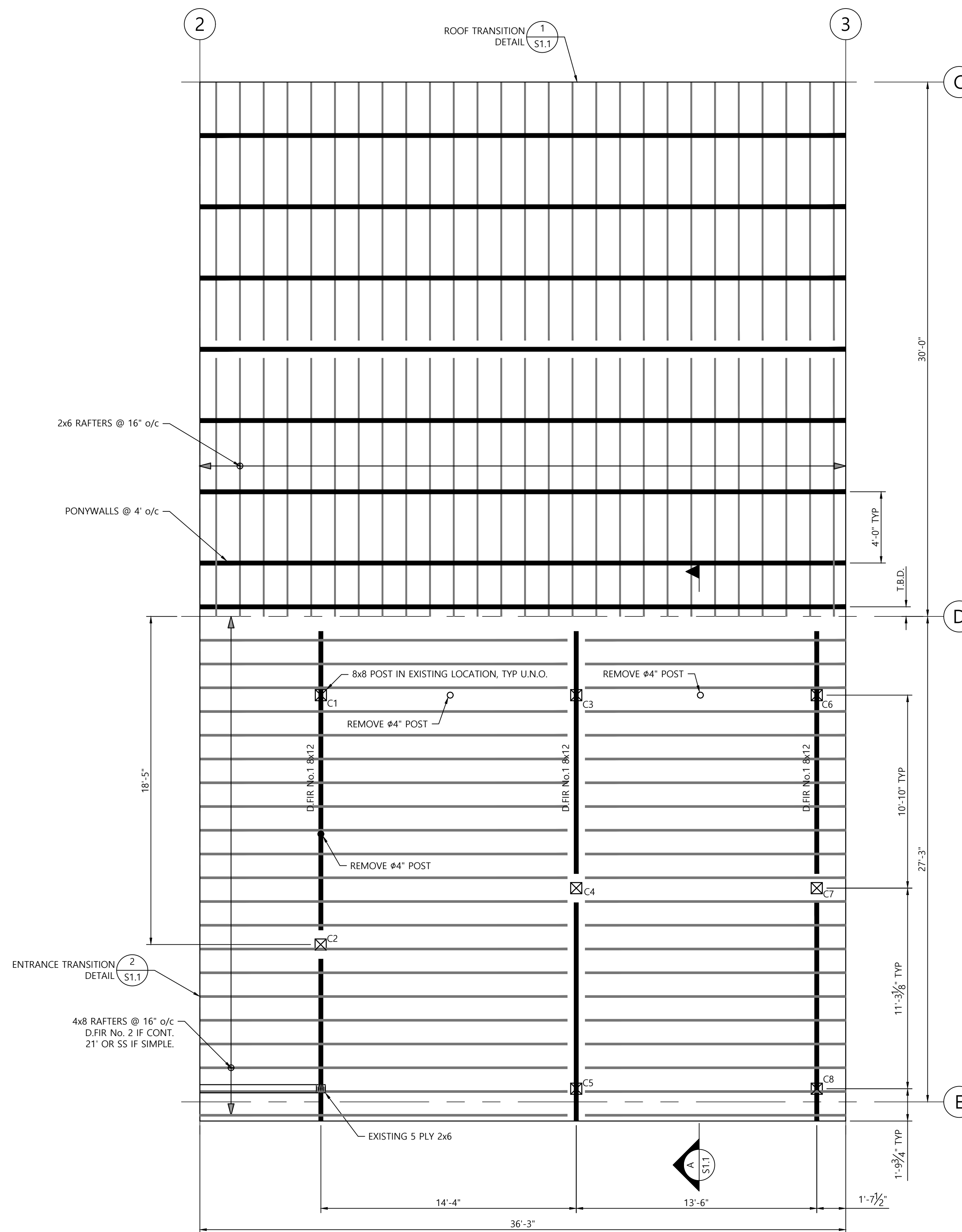




KEY PLAN
1/32"=1'-0"



ENTRANCE FOOTING PLAN
1/4"=1'-0"



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

REFERENCE DRAWINGS:
REV TITLE
0 STUDIO 9 ARCHITECTURAL - ISSUED FOR TENDER



160704 CM AM Issued for Tender 0
DATE DRN APP ISSUE REV

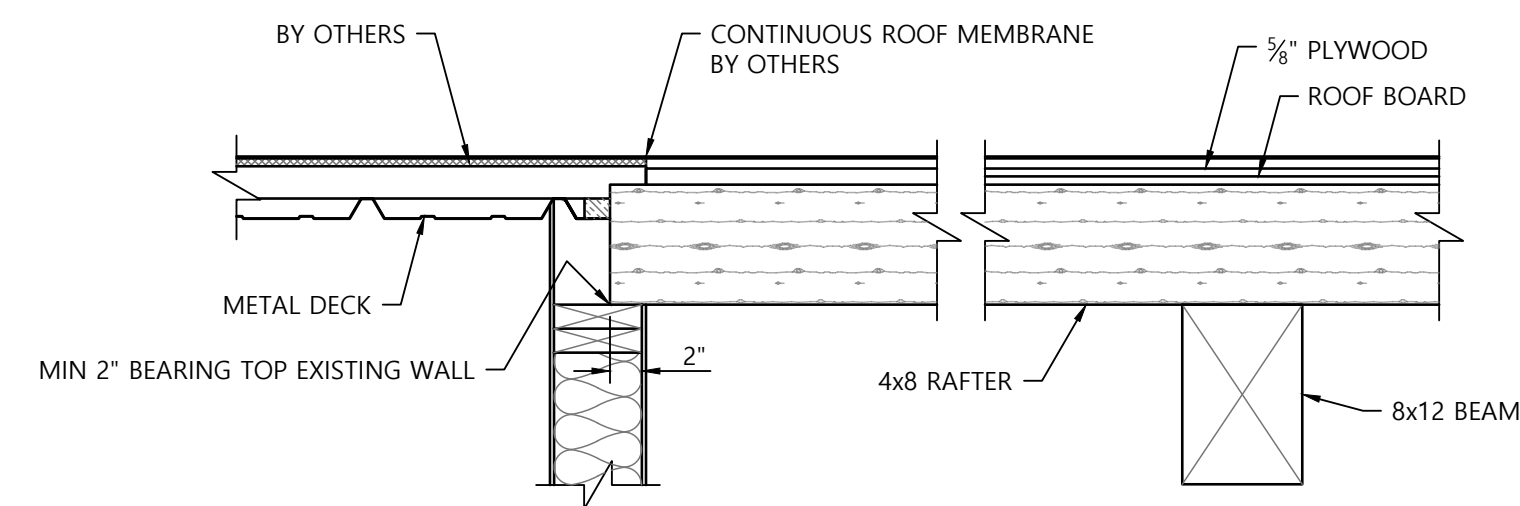
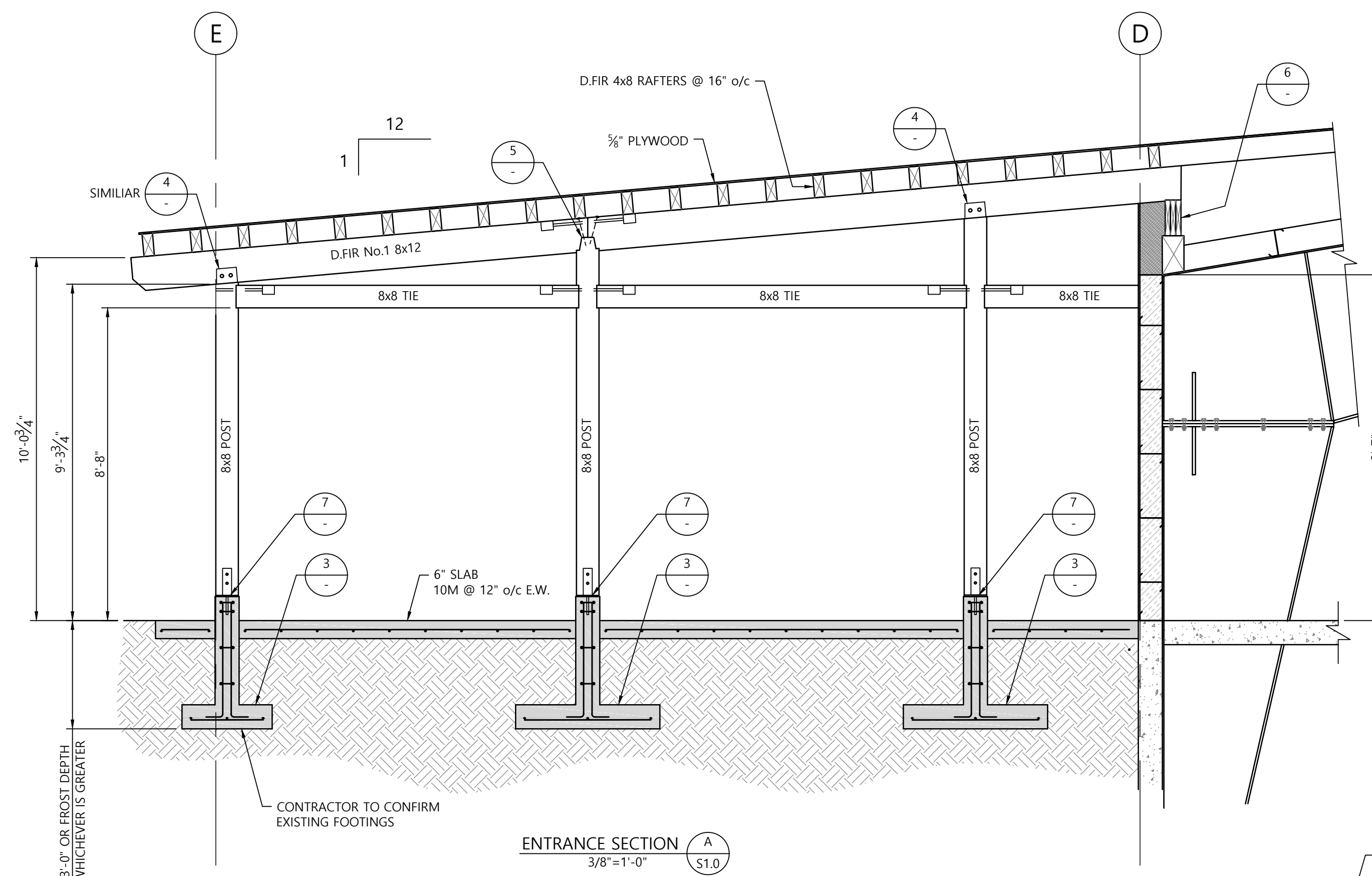
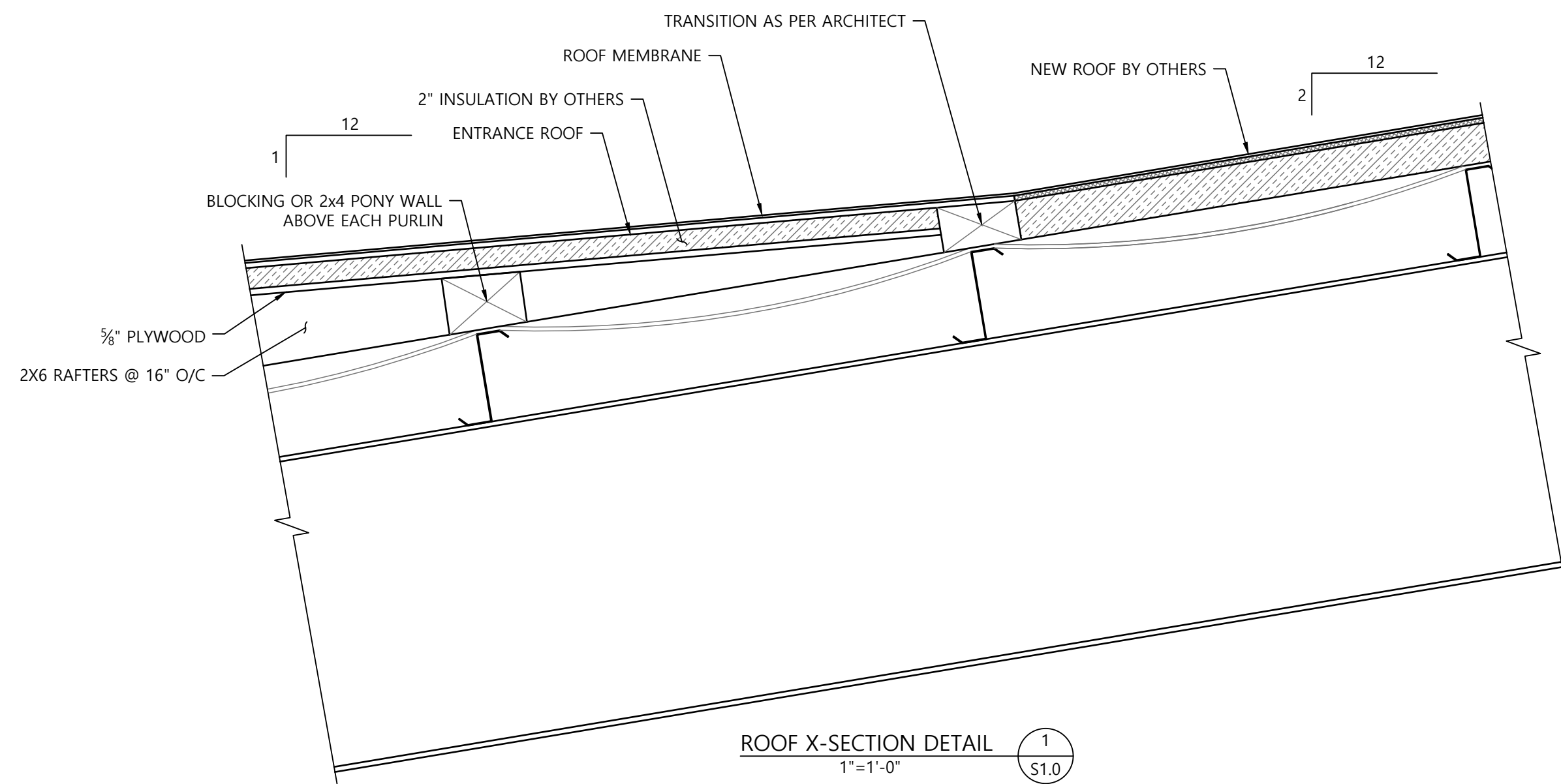
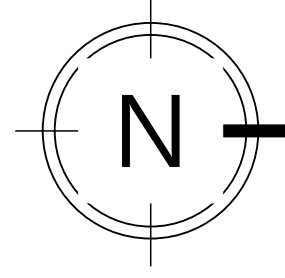
ISSUED FOR TENDER

Client
Village of Nakusp
Box 280
Project
Nakusp, BC V0G 1R0
Nakusp Sports Complex
Covered Entrance Structure
8th Ave NW, Nakusp
Drawing
Front Entrance Plans

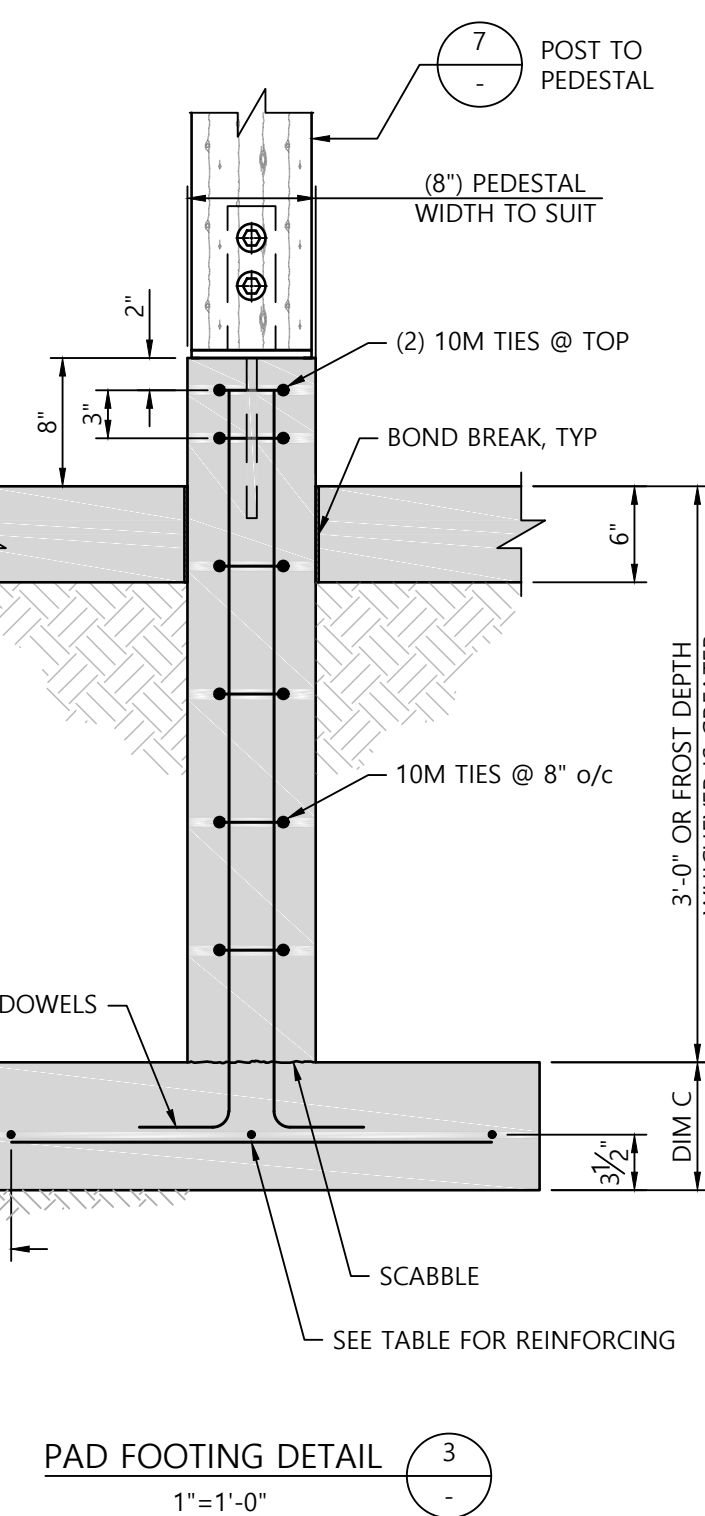
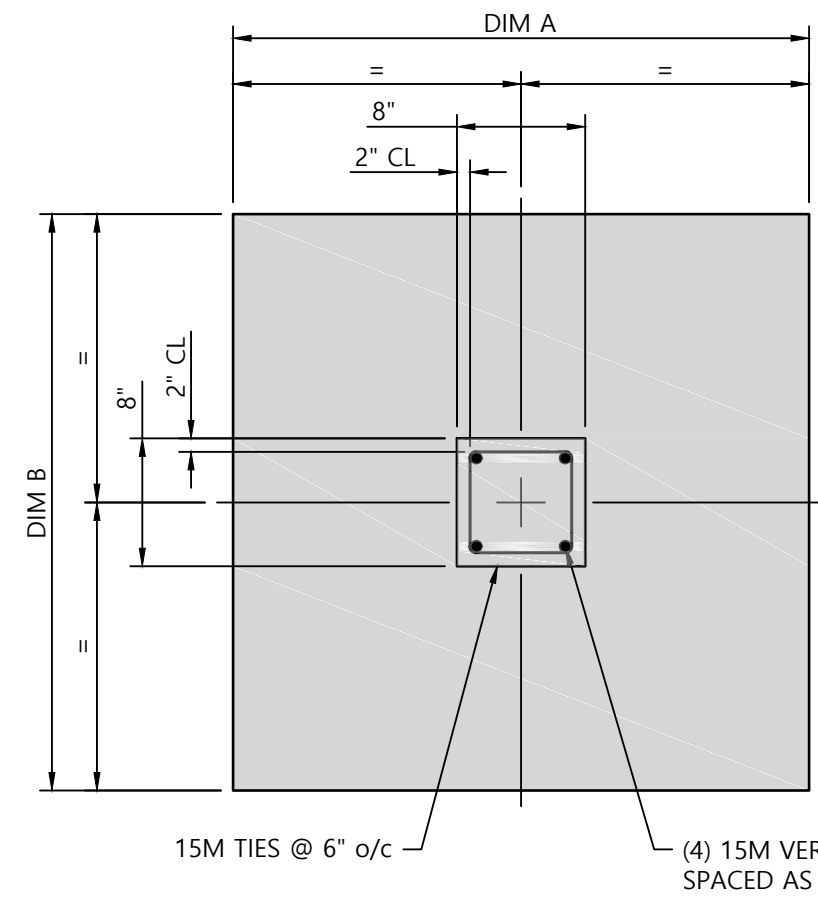
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15-108

Drawing Number
S 1.0
Revision
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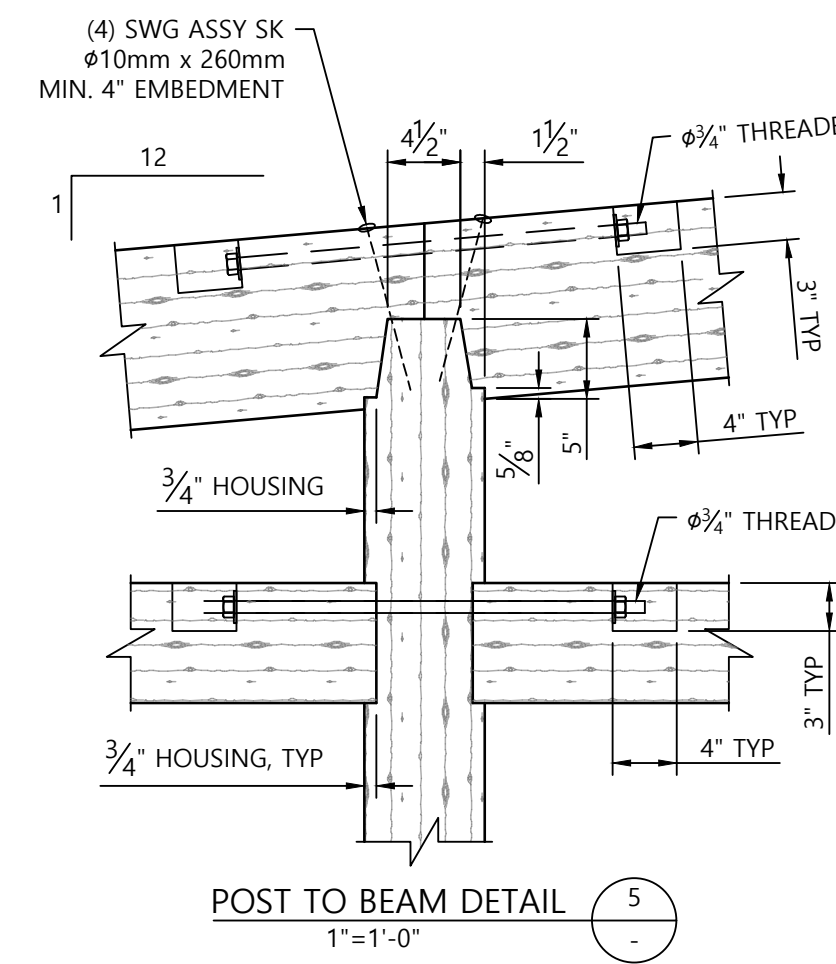




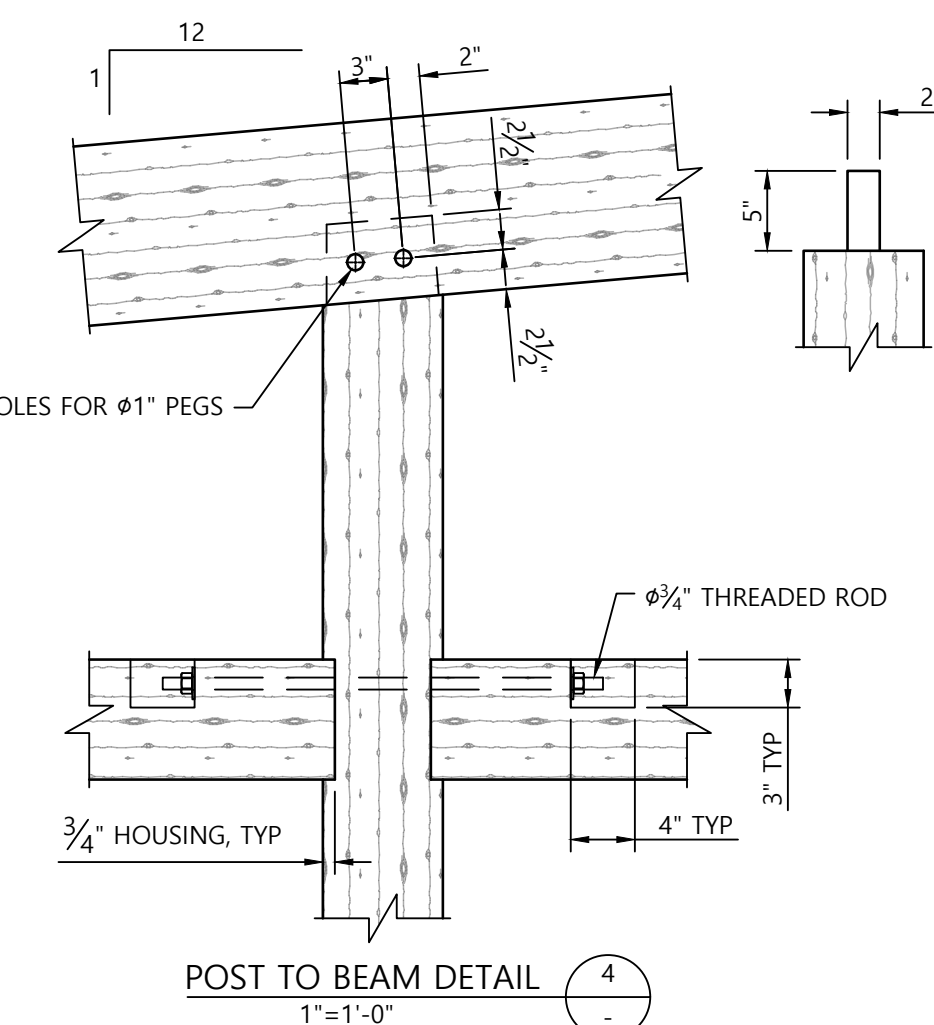
ENTRANCE TRANSITION DETAIL 2
 1"=1'-0"



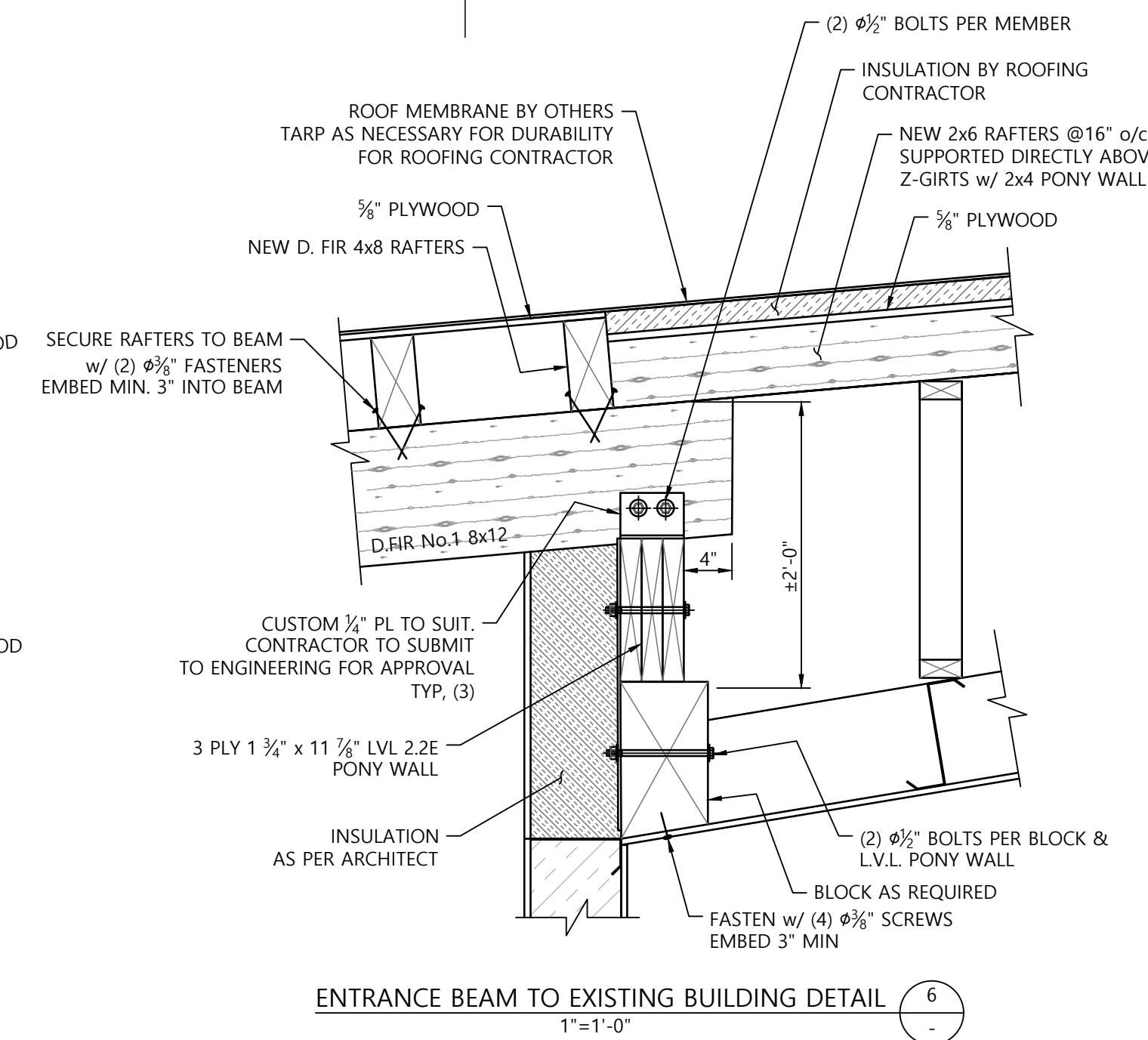
FOOTING SCHEDULE				
TYPE	DIM A	DIM B	DIM C	REINFORCING
PF1	2'-6"	2'-6"	0'-8"	(3) 10M E.W.
PF2	4'-0"	4'-0"	0'-8"	(3) 10M E.W.



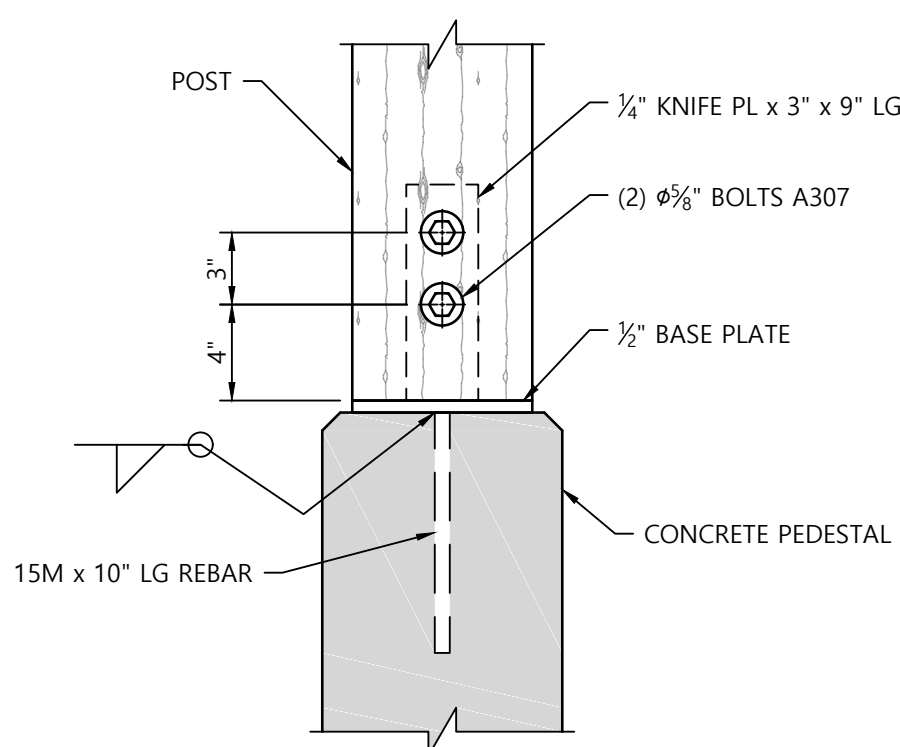
POST TO BEAM DETAIL 5
 1"=1'-0"



POST TO BEAM DETAIL 4
 1"=1'-0"



ENTRANCE BEAM TO EXISTING BUILDING DETAIL 6
 1"=1'-0"



POST TO CONCRETE DETAIL 7
 1-1/2"=1'-0"



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 Village of Nakusp
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 Drawing
 Front Entrance
 Sections & Details

Project Number
 15-108
 Drawing Number
 S 1.1
 Revision
 0

