Kinkora Community Hall Expansion

Rural Municipality of Kinkora

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ARCHITECTS ASSOCIATION 20-16 CERTIFICATE of PRACTICE Sep. 21, 2023 Yan Hu Coles Associates Ltd. AAPEI OF PRINCE EDWARD ISLAND # 231053

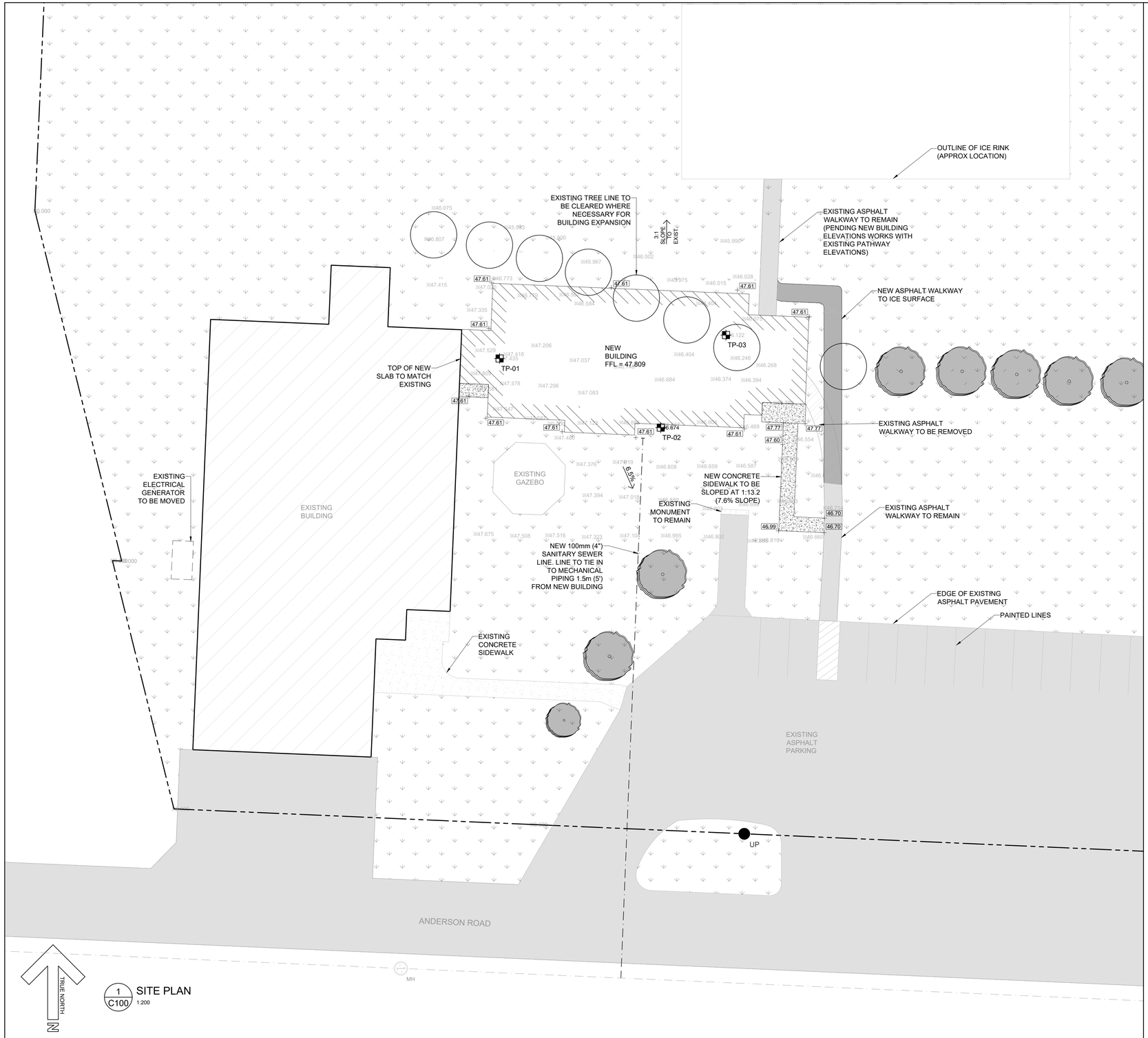
Client: Rural Municipality of Kinkora

Project Title: Kinkora Community Hall Expansion

Sheet Title: Cover Page

No.	Description	Date
0	Issued for Tender	2023-09-21

Date: 2023-09-21
Drn By: SH
Chk By: SDM
Revision: 0
Project Number: 231053
Drawing Number: A000



GENERAL NOTES:

1. CONTRACTOR SHALL COORDINATE THIS WORK AND COOPERATE WITH THE OWNER AND AGENCIES HAVING JURISDICTION.
2. CONTRACTOR MUST VISIT THE SITE PRIOR TO CONSTRUCTION AND BE FAMILIAR WITH EXISTING CONDITIONS.
3. VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK.
4. ALL DIMENSIONS AND ELEVATIONS ARE IN METRIC UNITS U.N.O.
5. SURVEY DATA AND EXISTING TOPOGRAPHIC INFORMATION HAS BEEN DETERMINED AND PROVIDED BY DUFFY CONSTRUCTION 2023-04-10.
6. ELEVATIONS AND COORDINATES SHOWN ON THIS PLAN ARE BASED ON THE PEI DOUBLE STEREOGRAPHIC PROJECTION WITH NAD83 (CSRS)
7. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELEVATIONS OF ALL EXISTING UTILITIES AND SERVICES (SHOWN OR NOT SHOWN ON DRAWINGS) IN THE FIELD WITHIN THE CONTRACT LIMIT. INFORMATION SHOWN ON THIS PLAN IS APPROXIMATE.
8. UNDERGROUND WATER, SEWER, TELEPHONE AND POWER SERVICES EXIST BENEATH THE SITE. EXERCISE CAUTION IN EXCAVATION AND PROTECT FACILITIES FROM DAMAGE. CONTRACTOR TO REPAIR DAMAGES AT NO COST TO THE OWNER. WORK SHALL BE CARRIED OUT TO THE SATISFACTION OF THESE AUTHORITIES. CONTACT UTILITIES BEFORE EXCAVATING.
9. PRIOR TO CONSTRUCTION, CONTRACTOR MUST REVIEW THE DEPTH OF ALL NEW UNDERGROUND SERVICES AND ADJUST DEPTH OF ALL SERVICES INCLUDING WATER, SANITARY SEWER, STORM SEWER, U/G ELECTRICAL & COMMUNICATION, WHERE INTERFERENCE OCCURS. ADVISE & OBTAIN APPROVAL FROM CONSULTANT BEFORE PROCEEDING WITH ANY CHANGES. COSTS ASSOCIATED WITH THIS TO BE INCLUDED IN TENDER PRICE.
10. PERFORM WORK AND COMPLY WITH ALL FEDERAL, PROVINCIAL AND MUNICIPAL BY-LAWS AND REGULATIONS.
11. CONTRACTOR IS RESPONSIBLE FOR THE SUPPLY, INSTALLATION & TESTING FOR ANY ADDITIONAL MATERIALS & EQUIPMENT NOT SPECIFIED OR INDICATED ON THE DRAWINGS TO COMPLETE WORK ENSURING THAT ALL SYSTEMS ARE FULLY OPERATIONAL AND MEETING THE FUNCTIONAL REQUIREMENT OF THIS PROJECT.
12. CONTRACTOR IS RESPONSIBLE FOR THE SUPPLY, INSTALLATION AND TESTING OF ALL PIPES AND APPURTENANCES AS PER APPLICABLE STANDARDS & AS REQUIRED BY REGULATIONS FOR A COMPLETE OPERATIONAL SYSTEM.
13. REPAIR & REINSTATE DISTURBED ASPHALT, GRAVELED, GRASSED & LANDSCAPED AREAS, ETC., DAMAGED BY WORK OF CONTRACT INCLUDING ALL AREAS IMPACTED BEYOND LIMIT OF CONTRACT.
14. ADJUST TOP OF ALL CB & MH COVERS, WATER VALVES, CURB STOPS, AND ANY UTILITIES AFFECTED BY THE WORK OF THIS CONTRACT AND NECESSARY BY THE CONSULTANT/OWNER TO SATISFY SITE CONDITIONS.
15. AT ANY LOCATIONS WHERE NEW STORM PIPING OR DITCHING CROSSES EXISTING WATER MAIN, CONTRACTOR IS TO PROVIDE 50mm RIGID INSULATION ABOVE WATER MAIN.

LEGEND

- PROPERTY LINE
- PROPERTY SETBACK LINE
- EXISTING EDGE OF ASPHALT
- EXISTING ASPHALT
- EXISTING BUILDING
- NEW BUILDING
- NEW EDGE OF ASPHALT
- NEW ASPHALT
- NEW DOMESTIC SANITARY LINE
- EXISTING MANHOLE
- EXISTING ELEVATION (15.23)
- PROPOSED ELEVATION (15.23)

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PROFESSIONAL ENGINEER — The Association Of Technical Engineers Of The Province Of Prince Edward Island — Nazmi Lawen — 21 Sept 2023 — PROVINCE OF PRINCE EDWARD ISLAND

Client: Rural Municipality of Kinkora

Project Title: Kinkora Community Hall Expansion

Sheet Title: Site Plan

No.	Description	Date
0	Issued for Tender	2023-09-21

Date: 2023-09-21
Drn By: MK, EIT
Chk By: NL, P.Eng
Revision: 0
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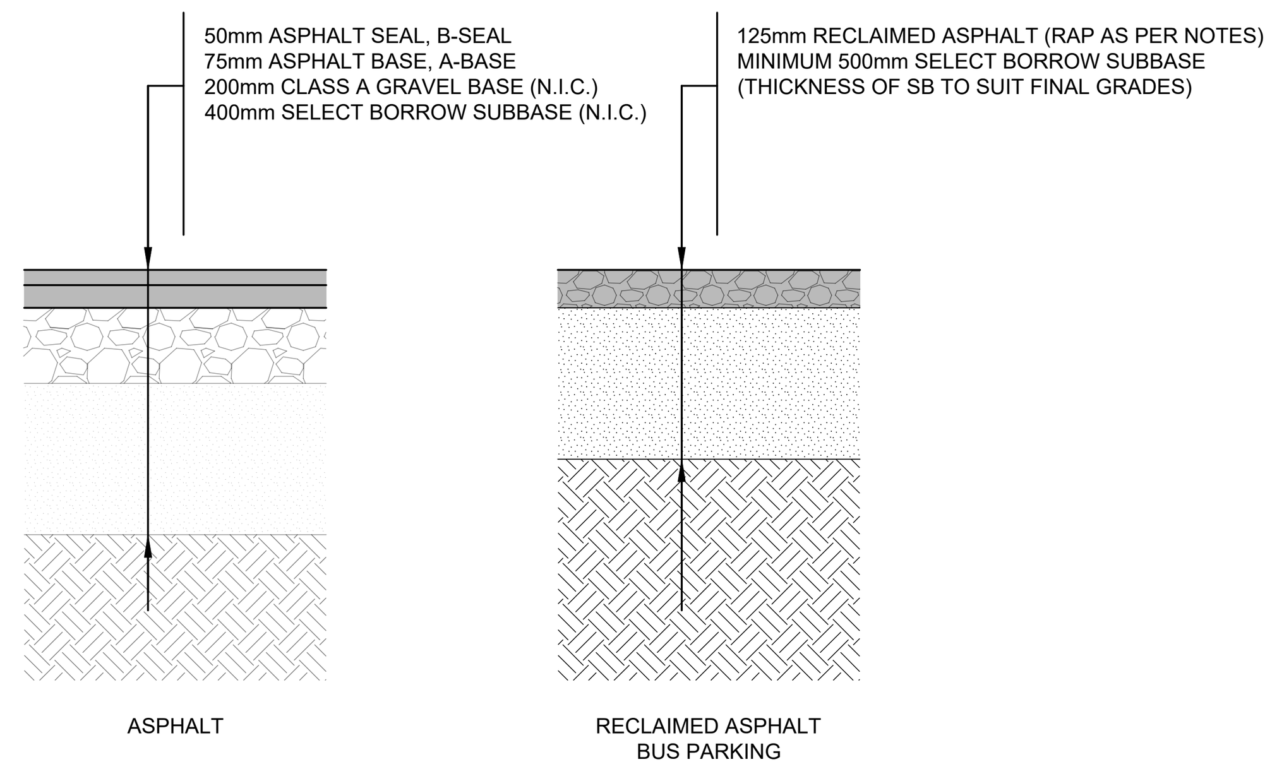
Drawing Number: C100

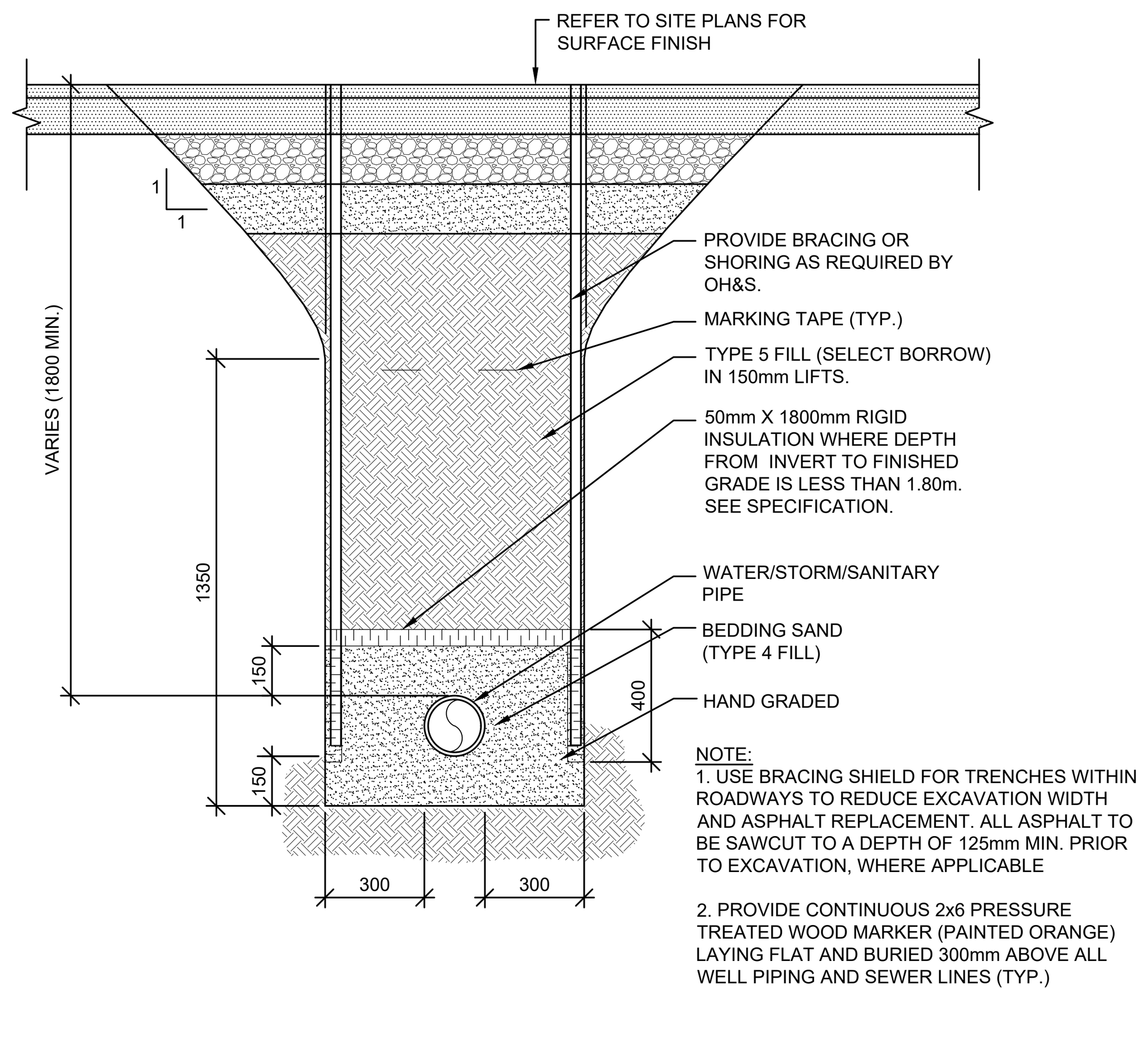
NOTE: EXCAVATE EXISTING TOPSOIL AND FILL MATERIALS TO GLACIAL TILL ELEVATION. BACKFILL WITH SPECIFIED GRANULAR AND ASPHALT MATERIALS AND COMPACT AS PER GEOTECHNICAL INVESTIGATION REPORT.

RAP NOTES:

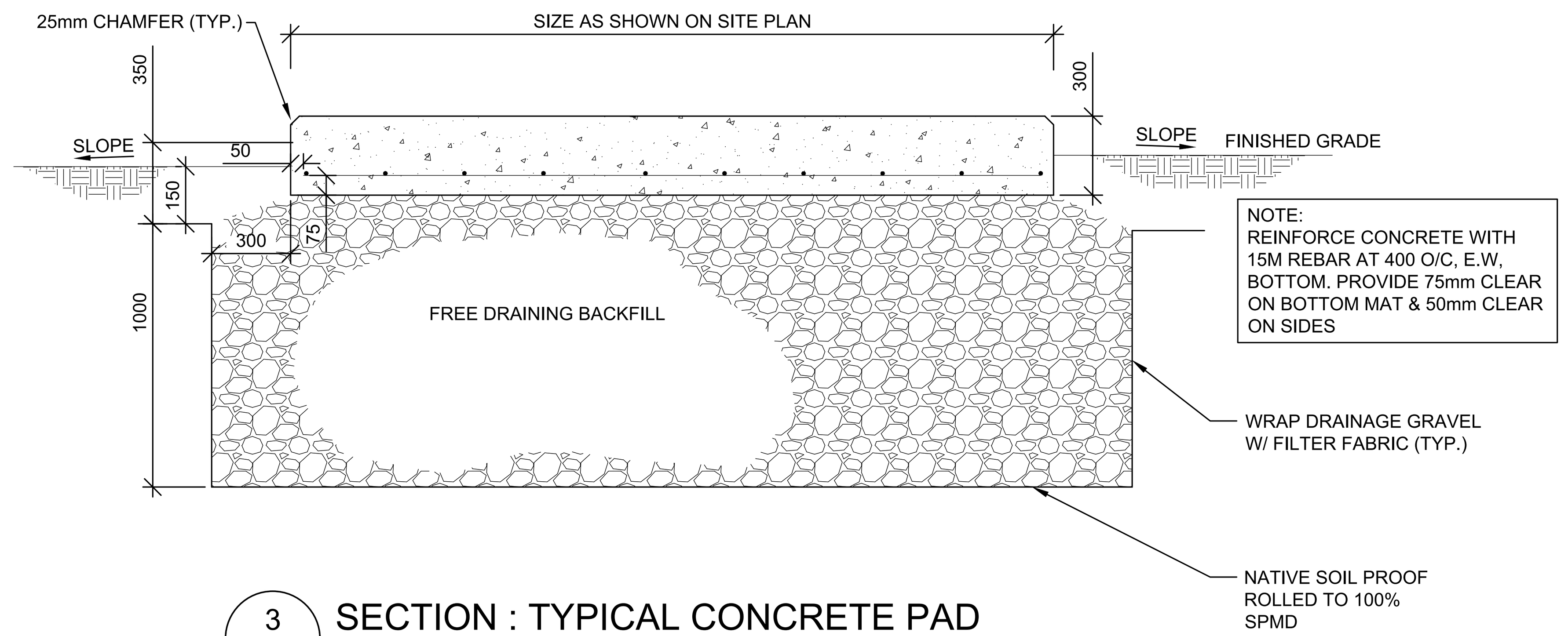
1. RELOCATED STOCKPILE ON SITE, NO IMPORTED RAP REQUIRED.
2. RECLAIMED ASPHALT ASSEMBLY: BLEND OF CLASS 'A' AND MILLINGS 50/50 BLEND SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR. COORDINATE WITH OWNER. SCREENING AND MIXING OF MATERIAL TO BE COORDINATED WITH DTI.



1 SECTION: PAVING SCHEDULE
C100 C101
1:25



2 SECTION: TYPICAL TRENCH
C100 C101
1:20



3 SECTION : TYPICAL CONCRETE PAD
C100 C101
NTS

GENERAL NOTES:

1. CONTRACTOR MUST VISIT THE SITE AND BE FAMILIAR WITH EXISTING CONDITIONS.

2. VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK.

3. ALL DIMENSIONS AND ELEVATIONS ARE IN METRIC UNITS U.N.O.

4. THESE DRAWINGS SHALL BE VIEWED IN CONJUNCTION WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS.

5. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELEVATIONS OF ALL EXISTING UTILITIES AND SERVICES (SHOWN OR NOT SHOWN ON DRAWINGS) IN THE FIELD WITHIN THE CONTRACT LIMIT. INFORMATION SHOWN ON PLANS IS APPROXIMATE ONLY.

6. UNDERGROUND WATER, SEWER, FUEL OIL, TELEPHONE, POWER SERVICES EXIST BENEATH THE SITE. EXERCISE CAUTION IN EXCAVATION AND PROTECT FACILITIES FROM DAMAGE. CONTRACTOR TO REPAIR DAMAGES AT NO COST TO THE OWNER. WORK SHALL BE CARRIED OUT TO THE SATISFACTION OF THESE AUTHORITIES. CONTACT UTILITIES BEFORE EXCAVATING.

7. PRIOR TO COMMENCING WORK, COORDINATE AND OBTAIN APPROVAL FROM THE PROJECT MANAGER FOR CONNECTING TO EXISTING WATER & SEWER SERVICES.

8. PROVIDE TEMPORARY SUPPORT TO EXISTING STRUCTURES AND UTILITY POLES AS REQUIRED.

9. THE WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA 2015, APPLICABLE LAWS AND STANDARDS.

10. PERFORM WORK AND COMPLY WITH ALL FEDERAL, PROVINCIAL AND LOCAL BY-LAWS AND REGULATIONS.

11. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN TRAFFIC AND ACCESS TO THE SITE AT ALL TIMES DURING THIS CONTRACT AND ACCESS FOR EMERGENCY VEHICLES ON CONSTRUCTION SITE. PROVIDE SIGNS, BARRICADES, FLAGGERS AS PER APPLICABLE REGULATIONS.

12. ALL TRENCHES MUST BE BACKFILLED AT THE END OF EACH DAY.

13. REPAIR & REINSTATE DISTURBED ASPHALT PAVEMENT, GRASSED & LANDSCAPED AREAS, SIGNS, RETAINING WALLS, ETC., DAMAGED BY WORK OF CONTRACT INCLUDING ALL AREAS IMPACTED BEYOND LIMIT OF CONTRACT.

ENVIRONMENTAL PROTECTION NOTES:

1. INSTALLATION OF ENVIRONMENTAL CONTROLS SHALL BE A FIRST STEP IN THE CONSTRUCTION SEQUENCE, THEIR DESIGN, INSTALLATION AND MAINTENANCE SHALL BE AS PER PEI DOT & PW'S ENVIRONMENTAL PROTECTION PLAN, SECTION 7.0 AND PROJECT SPECIFICATIONS.

2. CONSTRUCT AND INSTALL AT TOE OF SLOPE AROUND PERIMETER OF ALL TEMPORARY AND PERMANENT CONSTRUCTION AREAS INCLUDING AROUND STOCKPILES OF FILL SILT FENCES & EROSION CONTROL DEVICES. ALL ENVIRONMENTAL CONTROLS (E.G. SILT FENCING, CHECK DAMS, SEDIMENT COLLECTION PONDS, ETC.) SHALL BE IN PLACE PRIOR TO, DURING AND AFTER PROJECT ACTIVITIES TO AVOID OFFSITE SILTATION.

3. ENSURE THAT ALL SILT FENCES ARE IN PLACE AND MAINTAINED ON A DAILY BASIS TO PREVENT SEDIMENTS FROM THE WORK AREAS FROM ENTERING ANY WATER COURSE OR CATCH BASINS. MAINTAIN FENCE AT ALL TIMES AND REPLACE IF DAMAGED. REMOVE ACCUMULATED SEDIMENTS TO PREVENT BLOCKAGE OF FENCES AND DAMS OR AS DIRECTED BY CONSULTANT. REMOVE AND REPLACE EROSION CONTROL STRUCTURES WHEN THEY BECOME CLOGGED WITH SOIL PARTICLES OR AS DIRECTED BY ENGINEER REPAIR ALL DAMAGES CAUSED BY SOIL EROSION OR CONSTRUCTION ACTIVITIES AT OR BEFORE THE END OF EACH WORKING DAY.

4. INSTALL SEDIMENT COLLECTION POND AT END OF THE OUTFALL & AT THE END OF THE DITCHES TO FILTER SEDIMENT FROM SURFACE RUNOFF BEFORE IT IS DISCHARGED TO WATERCOURSE.

5. ENSURE THAT RUNOFF IS DIRECTED THROUGH SEDIMENT COLLECTION PONDS.

6. DO NOT DISTURB EXISTING VEGETATION ANY MORE THAN NECESSARY TO COMPLETE EACH PHASE OF THE PROJECT.

7. INSTALL A LAYER OF MULCH OR AN EROSION CONTROL BLANKET TO ALL EXPOSED SLOPES THAT IS NOT IMMEDIATELY UNDER CONSTRUCTION APPLIED AND MAINTAINED UNTIL THE AREA IS READY TO BE COMPLETED, SHAPED AND STABILIZED WITH SEEDING, SOD OR RIP-RAP.

8. APPLY GRAVEL TO THE ROADWAY BED AS SOON AS POSSIBLE.

9. SEED/SOD ALL EXPOSED AND BARREN SOIL AS SOON AS POSSIBLE.

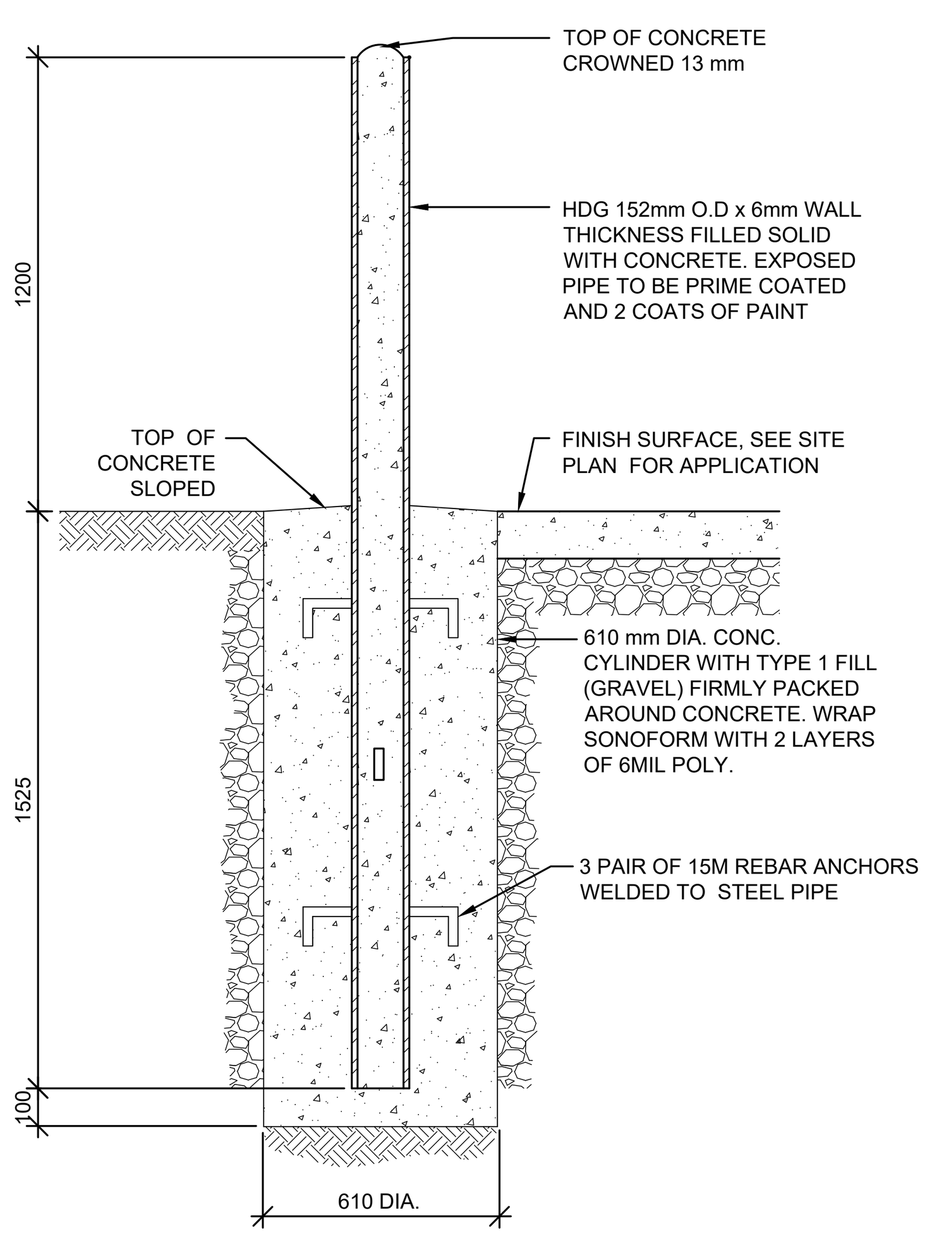
10. THIS PROJECT MUST COMPLY WITH THE REQUIREMENTS OF THE PEI DEPARTMENT OF ENVIRONMENT CERTIFICATE OF APPROVAL AND OTHER APPLICABLE PERMITS.

11. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH PEI OCCUPATIONAL HEALTH & SAFETY ACT, FEDERAL, PROVINCIAL & MUNICIPAL BY-LAWS & REGULATIONS.

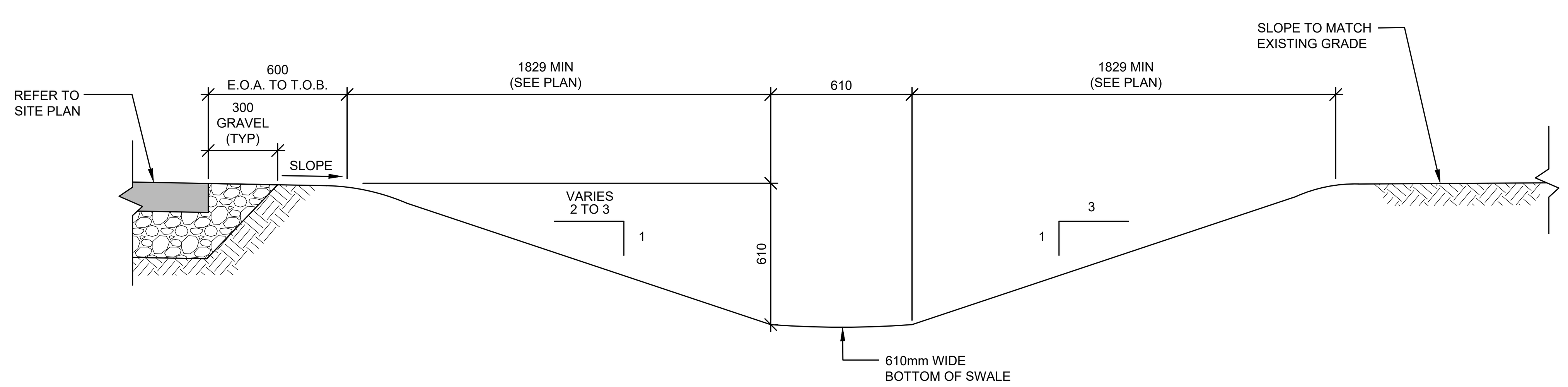
12. ENVIRONMENTAL PROTECTION MEASURES SHALL BE CARRIED OUT TO THE SATISFACTION OF THE CONSULTANT &, AUTHORITIES HAVING JURISDICTION AND THE COST OF ALL THESE DEVICES & MEASURES SHALL BE INCLUDED IN THE CONTRACT PRICE.

13. REPORT ANY DOUBTFUL CONDITIONS REQUIRING DECISIONS & SECURE DIRECTIONS FROM THE CONSULTANT BEFORE PROCEEDING WITH THE WORK.

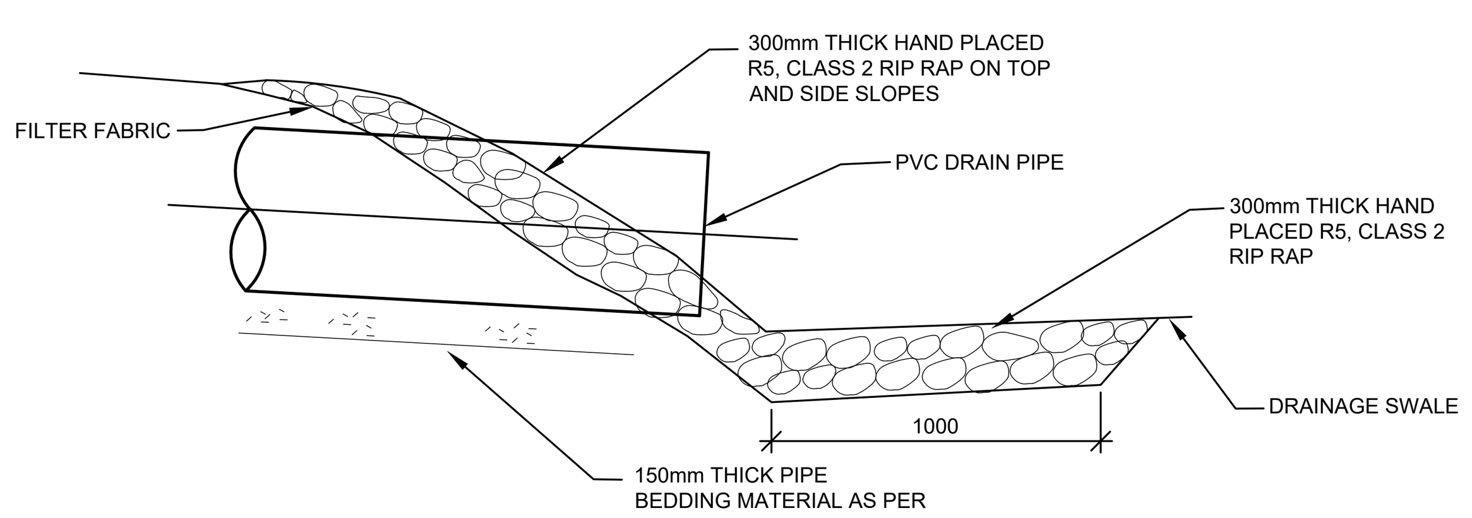
14. THE CONTRACTOR IS TO HAVE ON HAND, THE APPROPRIATE EMERGENCY RESPONSE PHONE NUMBERS AND CONTACTS TO ALERT THE APPROPRIATE AUTHORITIES OF POSSIBLE CONTAMINATION SHOULD A SPILL OCCUR.



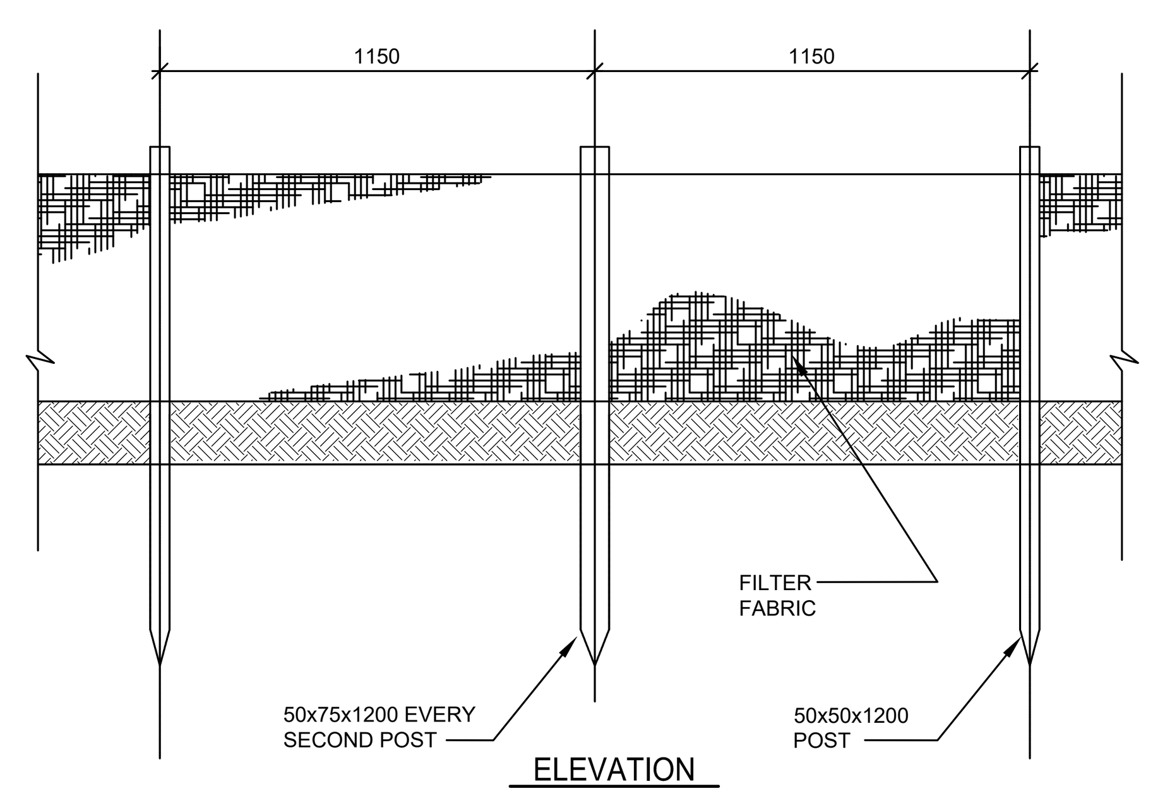
4 DETAIL: TYPICAL EXTERIOR BOLLARDS
C100 C101
1:20



5 SECTION: DRAINAGE SWALE
C100 C101
1:20

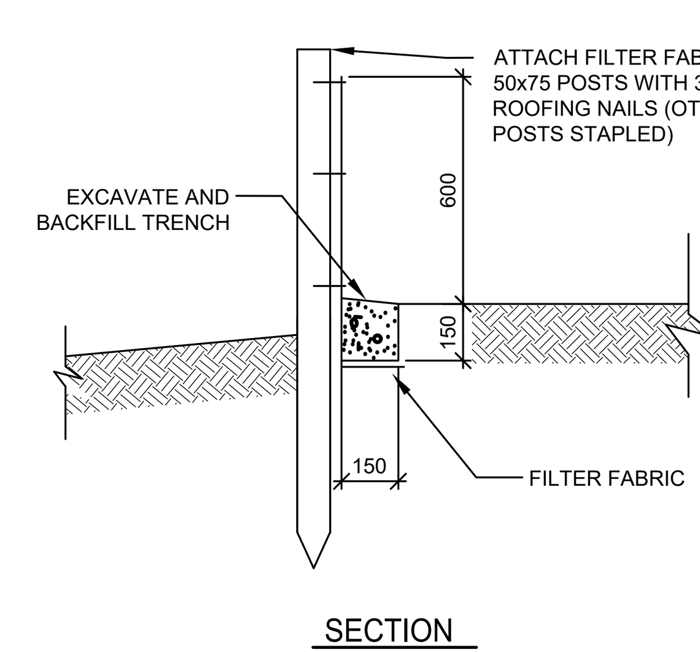


6 RIP RAP AT PIPE ENDS DETAIL
C100 C101
NTS

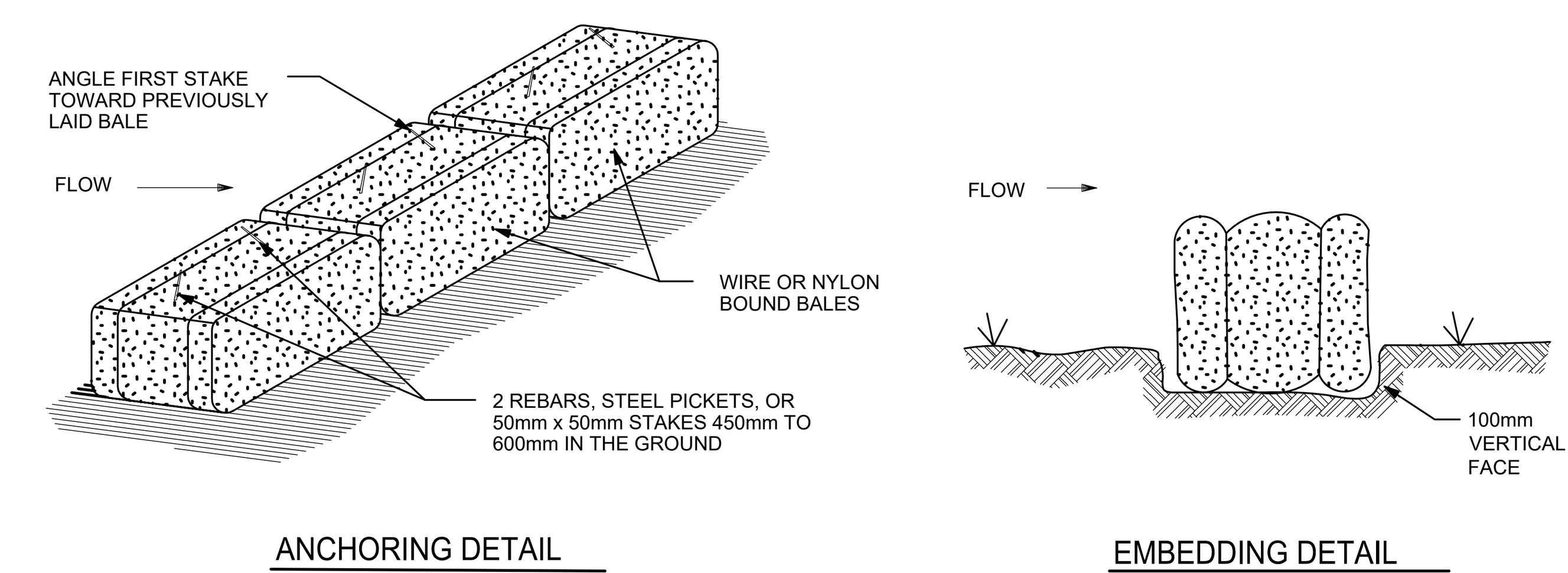


7 SILT FENCE DETAIL
C100 C101
1:20

DETAILS 9, 10 & 11 ARE TO BE READ IN CONJUNCTION WITH SPECIFICATIONS FOR EROSION CONTROL. MEASURES ARE TO BE IN PLACE BEFORE ANY WORK ON SITE BEGINS AND ARE TO REMAIN IN PLACE UNTIL THE WORK IS STABILIZED. (NO SEDIMENTARY RUN OFF TO AREAS OFF SITE IS ACCEPTABLE.)



8 SILT FENCE DETAIL
C100 C101
1:20



9 EROSION CONTROL BERM
C100 C101
1:20

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PROFESSIONAL ENGINEER – Nazmi Lawen – 21 Sept 2023 – PROVINCE OF PRINCE EDWARD ISLAND

Client: Municipality of Kinkora

Project Title: Kinkora Community Hall Expansion

Sheet Title: Site Details & Notes

No.	Description	Date
0	Issued for Tender	2023-09-21

Date: 2023-09-21
Drn By: MK, EIT
Chk By: NL, P.Eng
Project Number: 231053
Drawing Number: C101
Revision 0

1 S101 PLAN: FOUNDATION & GROUND LEVEL
1/4" = 1'-0"

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PROFESSIONAL ENGINEER — Nazmi Lawen — 21 Sep 2023 — PROVINCE OF PRINCE EDWARD ISLAND

Client: Rural Municipality of Kinkora

Project Title: Kinkora Community Hall Expansion

Sheet Title: Foundation & Ground Level

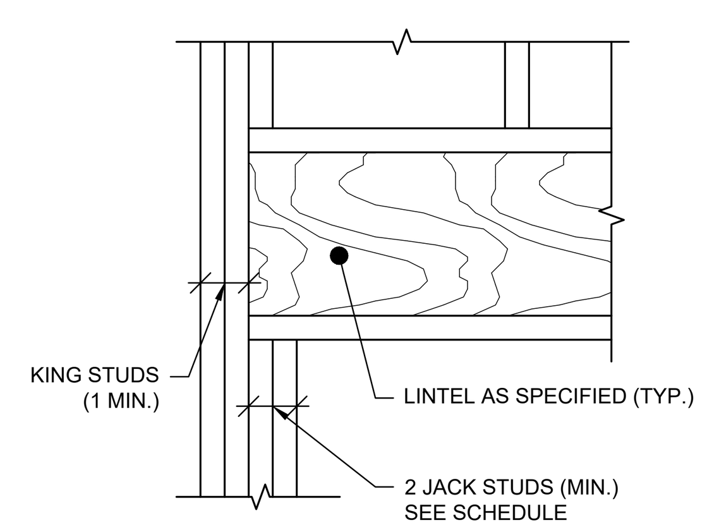
No.	Description	Date
0	Issued for Tender	2023-09-21

Date: 2023-09-21
Drn By: SPB
Chk By: NL. P.Eng
Revision: 0
Project Number: 231053
Drawing Number: S101

LINTEL SCHEDULE (EXTERIOR DOOR/WINDOW OPENINGS)		
TYPE	SIZE	MIN. BEARING (E/S)
L-1	2-PLY 2" x 6"	2 JACK STUDS, 1 KING STUD
L-2	3-PLY 2" x 8"	2 JACK STUDS, 1 KING STUD
L-3	2-PLY 1 3/4" x 9 1/4" LVL	2 JACK STUDS, 1 KING STUD
L-4	3-PLY 1 3/4" x 14" LVL	4 JACK STUDS, 2 KING STUD

NOTES:

1) LINTELS ARE TO BE SAWN TIMBER S-P-F No. 1 / No. 2 GRADES OR BETTER
2) LVL MATERIAL WEST FRASER 3100F_b - 2.0E LVL OR APPROVED EQUAL.
3) COORDINATE OPENING LOCATIONS WITH ARCHITECTURAL (TYP.)



TYPICAL TIMBER LINTEL DETAIL
N.T.S.

PROJECT NORTH

1 S102 **PLAN: ROOF FRAMING**
1/4" = 1'-0"

LEGEND

(symbol)	LOAD BEARING WOOD STUD WALL
(symbol)	OPENING
(symbol)	BEAM OR LINTEL
(symbol)	PERMANENT BRACING
(symbol)	ROOF TRUSS
(symbol)	ROOF OUTLINE
(symbol)	POST/COLUMN

SPECIFIED ROOF LOADS:

ROOF DEAD LOAD:

ROOFING MATERIAL AND FINISH	= 2 PSF	(0.10 kPa)
ROOF TRUSS FRAMING & BRACING	= 10 PSF	(0.48 kPa)
MECH. & ELEC.	= 5 PSF	(0.24 kPa)
TRUSS BOTTOM CHORD (FIXTURES, ETC.)	= 10 PSF	(0.48 kPa)
TOTAL DEAD LOAD:	= 27 PSF	(1.30 kPa)

ROOF LIVE LOAD

SNOW LOAD = 1.15[3.1(0.8*1.0*1*1.0)+0.6]	= 74 PSF	(3.54 kPa)
TRUSS BOTTOM CHORD LIVE LOAD	= 10 PSF	(0.48 kPa)
TOTAL ROOF LOAD:	= 111 PSF	(5.32 kPa)

WIND PRESSURE:

1/10 = 0.47 kPa (10 PSF)
1/50 = 0.60 kPa (13 PSF)

NOTES:

1. ROOF TRUSSES TO BE DESIGNED FOR NET UPLIFT 0.96 kPa (20 PSF). DESIGN ROOF TRUSSES FOR SNOW LOAD ACCUMULATION AS PER NBCC REQUIREMENTS.
2. IMPORTANCE FACTOR IS CONSIDERED HIGH
3. ALL LOADS ARE CONSIDERED UNFACTORED U.N.O.

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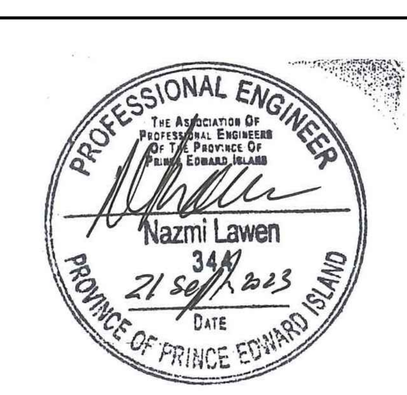


Client: Rural Municipality of Kinkora

Project Title: Kinkora Community Hall Expansion

Sheet Title: Roof Framing

No.	Description	Date
0	Issued for Tender	2023-09-21

Date: 2023-09-21
Drn By: SPB
Chk By: NL, P.Eng
Project Number: 231053
Drawing Number: S102
Revision: 0

GENERAL

1. THE WORK SHALL BE IN ACCORDANCE WITH NATIONAL BUILDING CODE OF CANADA (NBCC), LATEST REVISION, TO THE SATISFACTION OF THE ENGINEER UNLESS NOTES OTHERWISE ON THE DRAWING OR IN THE SPECIFICATIONS.
2. COMPLY WITH ALL ENVIRONMENTAL REGULATIONS AND PROVIDE ALL NECESSARY ENVIRONMENTAL PROTECTION INCLUDING SILT FENCES, SEDIMENT TRAPS, CHECK DAMS, DUST CONTROL, ETC. DO NOT DISPOSE OF OR BURN RUBBISH ON SITE.
3. COMPLY WITH ALL LOCAL, MUNICIPAL, AND PROVINCIAL BY-LAWS AND REGULATIONS.
4. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH PEI OCCUPATIONAL HEALTH & SAFETY ACT, WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM AND APPLICABLE LABOR CODES.
5. CONTRACTOR TO EXERCISE EXTREME CAUTION. DESIGN AND PROVIDE ADEQUATE SUPPORT AND CONNECTIONS TO EXISTING STRUCTURES, UTILITIES AND SERVICES. MOVE, ADJUST AND RECONNECT ALL VISIBLE AND CONCEALED ITEMS AFFECTED BY THE SCOPE OF WORK.
6. CONTRACTOR MUST VISIT THE SITE AND BE FAMILIAR WITH EXISTING CONDITIONS, VERIFY EXACT LOCATION OF ALL EXISTING UTILITIES AND SERVICES WITHIN THE CONTRACT LIMIT.
7. CONTRACTOR SHALL COORDINATE WORK AND COOPERATE WITH OWNER AND AGENCIES HAVING JURISDICTION.
8. REPORT ANY DOUBTFUL CONDITIONS REQUIRING DECISIONS AND SECURE DIRECTIONS FROM THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
9. THE GENERAL CONTRACTOR-PROJECT MANAGER SHALL COORDINATE THE CIVIL, STRUCTURAL, ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS.
10. PREVENT MOVEMENT OR SETTLEMENT, SAFEGUARD AND MAINTAIN INTEGRITY OF EXISTING AND ADJACENT STRUCTURES AND SERVICES.
11. VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK.
12. ALL DIMENSIONS AND ELEVATIONS ARE IN IMPERIAL UNITS UNLESS NOTED OTHERWISE.
13. THESE DRAWINGS SHALL BE VIEWED IN CONJUNCTION WITH ALL CONTRACT DOCUMENTS AND SPECIFICATIONS.
14. REPAIR & REINSTATE DISTURBED ASPHALT PAVEMENT, GRASSED & LANDSCAPED AREAS, SIGNS, RETAINING WALLS, ETC., DAMAGED BY WORK OF CONTRACT INCLUDING ALL AREAS IMPACTED BEYOND LIMIT OF CONTRACT. TOPSOIL, SEED OR SOD ALL GRASSED SURFACES UNLESS NOTED OTHERWISE.
15. PROPERLY DISPOSE AND REMOVE OFFSITE ALL DEBRIS AND MATERIALS TO BE REMOVED.

CONCRETE NOTES:

1. ALL CONCRETE WORK AND MATERIAL SHALL BE CARRIED OUT IN ACCORDANCE WITH LATEST CSA A23.1 AND NBCC 2015.

3. MIX DESIGN: TYPE 10 PORTLAND CEMENT.

4. FOOTINGS AND FOUNDATION WALLS:
 a. COMPRESSIVE STRENGTH (28D): 25MPa (3600psi)
 b. CLASS OF EXPOSURE: F-2
 c. NOMINAL AGGREGATE SIZE: 20mm (3/4")
 d. SLUMP: 80mm (3-1/4") ±20mm (3/4")
 e. AIR CONTENT: 4-7%
 f. WATER CEMENT RATIO: 0.5 MAX

5. INTERIOR SLABS:
 a. COMPRESSIVE STRENGTH (28D): 25MPa (3600psi)
 b. CLASS OF EXPOSURE: N
 c. NOMINAL AGGREGATE SIZE: 20mm (3/4")
 d. SLUMP: 80mm (3-1/4") ±20mm (3/4")
 e. AIR CONTENT: NONE
 f. WATER CEMENT RATIO: 0.45 MAX

6. EXTERIOR SLABS:
 a. COMPRESSIVE STRENGTH (28D): 35MPa (5000psi)
 b. CLASS OF EXPOSURE: C-2
 c. NOMINAL AGGREGATE SIZE: 20mm (3/4")
 d. SLUMP: 80mm (3-1/4") ±20mm (3/4")
 e. AIR CONTENT: 5-8%
 f. WATER CEMENT RATIO: 0.40 MAX

7. CONCRETE MIX DESIGN SHALL BE SUBMITTED FOR REVIEW BY THE ENGINEER MINIMUM 48 HRS PRIOR TO CASTING.

8. USE OF CALCIUM CHLORIDE IS NOT PERMITTED.

9. NO CONCRETE SHALL BE POURED WITHOUT THE PRIOR KNOWLEDGE AND APPROVAL OF ENGINEER.

10. ALL CONCRETE SHALL BE TESTED, TESTING SHALL CONFORM TO CSA A23.2. RECORD TESTS FOR SLUMP, AIR CONTENT AND COMPRESSIVE STRENGTH.

11. ALL CONCRETE SHALL BE VIBRATED USING HIGH FREQUENCY VIBRATORS. VIBRATION PRACTICES TO BE IN ACCORDANCE WITH ACI 309R.

12. COLD WEATHER CONCRETE SHALL BE PLACED AND PROTECTED IN ACCORDANCE WITH THE REQUIREMENTS OF CSA A23.1 AND TO THE REQUIREMENTS OF ACI-306R. PROVIDE HEATED ENCLOSURES AND/OR INSULATED TARPS AS REQUIRED TO MAINTAIN MINIMUM 10°C CONCRETE SURFACE TEMPERATURE FOR A PERIOD OF 5 DAYS FOLLOWING CONCRETE PLACEMENT. PROVIDE CONTROLLED COOL DOWN PERIOD TO PREVENT SURFACE CRACKING AT END OF PROTECTION PERIOD. ENSURE THAT NO CONCRETE IS PLACED ON OR AGAINST FROZEN SUBGRADE, FORMWORK, OR REINFORCING STEEL.

13. LEAVE FORMWORK IN PLACE FOR THE FOLLOWING MINIMUM PERIODS OF TIME AFTER PLACING CONCRETE:
 a. 72 HR. FOR WALLS
 b. 72 HR. FOR FOOTINGS

15. APPLY CURING COMPOUND TO WALLS AND PILASTERS IF EXPOSED TO DRYING CONDITIONS PRIOR TO COMPLETION OF FULL 7 DAY MOIST CURING PERIOD. USE LIQUID MEMBRANE CONCRETE CURING COMPOUND.

FOUNDATION

1. ENSURE NBCC SOIL GAS CONTROL REQUIREMENTS ARE INSTALLED.
2. ALL FOOTINGS SHALL BE PLACED ON SOUND UNDISTURBED TILL OR STRUCTURAL FILL PROOF ROLLED TO 100% SMPD.
3. FOOTINGS SHALL NOT BE PLACED ON SOIL SOFTENED BY WATER.
4. ALL FOOTINGS SHALL BE PLACED ON SOIL HAVING A SAFE BEARING PRESSURE OF 200 kPa (4175 psf). CONTRACTOR TO REVIEW OWNER SUPPLIED GEOTECHNICAL REPORT FOR SUBSURFACE CONDITIONS.
5. ALL FOOTINGS SHALL HAVE A MINIMUM OF 1500mm (5'-0") FROST PROTECTION.
6. ALL FOOTINGS SHALL BE REVIEWED BY THE ENGINEER BEFORE CONCRETE IS PLACED.
7. VERIFY ALL CONCRETE FORMWORK LINES ARE LEVEL, PLUMB, SQUARE AND TRUE.
8. CONCRETE FORMWORK PLYWOOD SHEETS TO THE REQUIREMENTS OF CSA 0121. USE NEW MATERIAL, CLEAN, SOUND, FREE FROM DEFECTS DETRIMENTAL TO THE QUALITY OF FINISHED CONCRETE SURFACES. ARRANGE PLYWOOD SHEETS TO A UNIFORM JOINT PATTERN. CONSTRUCT FORMWORK TO RESIST FLUID PRESSURE FROM WET CONCRETE AND ALL OTHER CONSTRUCTION LOADINGS WITHOUT BULGING, MOVEMENT OR DISTORTION. REUSE OF FORMWORK SUBJECT TO THE REQUIREMENTS OF CSA A23.1.
9. OPENINGS SHALL BE PROVIDED AS SHOWN ON ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS. ANY ADDITIONAL OPENINGS MUST BE APPROVED BY ENGINEER. OPENINGS SHALL BE SLEEVED.
10. ALL WINDOW AND DOOR OPENINGS SHALL BE COORDINATED WITH ARCHITECTURAL DRAWINGS.
11. ALL REQUIRED OPENINGS SHALL BE SLEEVED, CORING SHALL NOT BE ACCEPTABLE.
12. PROVIDE MINIMUM 20mm (3/4") CHAMFER ALL EXPOSED CORNERS UNLESS NOTED OTHERWISE.
13. ALL WALL AND SLAB OPENINGS AND ENDS SHALL HAVE MINIMUM (2)-15M ALL SIDES.
14. LOCATION OF CONSTRUCTION JOINTS TO BE APPROVED BY ENGINEER BEFORE CONCRETE IS PLACED.
15. REMOVE ALL FINS, RIDGES AND OTHER PROJECTIONS FROM CONCRETE FOUNDATION WALLS TO PROVIDE SMOOTH SURFACE USE SAND CEMENT PATCHING MORTAR 30MPa (4400psi) AND FILL SURFACES AS DIRECTED.
16. ANCHOR RODS AND EMBEDDED STEEL ITEMS WILL BE INSTALLED BY THE FOUNDATION CONTRACTOR. SET ANCHOR RODS, INSERT PLATES, SLEEVES AND OTHER MISCELLANEOUS ITEMS EMBEDDED IN CONCRETE ACCURATELY, USING TEMPLATES, TO EXACT GRADE AND LOCATION SHOWN ON PROJECT DRAWINGS OR AS DIRECTED BY ENGINEER. SECURE TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT. DO NOT CUT OR RELOCATE REINFORCING STEEL FOR PLACEMENT OF EMBEDDED PARTS. IF INSERTS CANNOT BE LOCATED AS SPECIFIED, OBTAIN APPROVAL OF ALL MODIFICATIONS FROM ENGINEER BEFORE PLACING.
17. THE FILL SHALL BE PLACED SIMULTANEOUSLY ON BOTH SIDES OF THE FOUNDATION WALL.

MASONRY NOTES:

1. PLAIN AND REINFORCED MASONRY SHALL CONFORM TO CSA S304, "DESIGN OF MASONRY STRUCTURES."
2. ALL MASONRY SHALL CONFORM TO CAN/CSA-A165 SERIES, MORTAR & GROUT SHALL CONFORM TO CAN/CSA A179.
3. MINIMUM STRENGTH REQUIREMENTS FOR HOLLOW BLOCKS:
   a. BLOCKS (8") 200mm & OVER NOMINAL WIDTH 7.5 MPa (GROSS AREA) & 15.0 MPa (NET AREA).
   b. BLOCKS LESS THAN (8") 200mm NOMINAL WIDTH 5 MPa (GROSS AREA).
   c. GROUT 20 MPa (3000 PSI).
4. METAL TIES & WIRE REINFORCEMENT TO CAN/CSA-S304.
5. PROVIDE TEMPORARY SUPPORT TO BLOCK WALLS BEFORE LATERAL SUPPORT ELEMENTS ARE COMPLETED.
6. VERTICAL REINFORCING & GROUTING SCHEDULE:
   a. (2)-15M BARS AT ALL CORNERS, INTERSECTIONS, OPENINGS AND WALL END CONDITIONS UNLESS NOTED OTHERWISE. 15M BARS SPACED AT 16" (400mm) C/C FOR LOAD-BEARING & FIREWALL MASONRY WALLS UNLESS NOTED OTHERWISE, 15M BARS SPACED AT 48" (1200mm) C/C FOR NON-LOAD-BEARING MASONRY WALLS UNLESS NOTED OTHERWISE,.
   b. VERTICAL REINFORCING SHALL BE CONTINUOUS FROM FOUNDATION TO TOP OF WALL, MINIMUM LAP FOR VERTICAL REINFORCING TO BE (16") 400mm, MINIMUM EMBEDMENT INTO FOUNDATION (12") 300mm.
   c. VERTICAL REINFORCING SHALL BE PLACED IN THE CENTER OF THE WALL. BARS SHALL BE PLACED BEFORE GROUTING & HELD IN PLACE WITH #9 GAUGE WIRE CAGES. ALL GROUTING AS PER CAN/CSA-A371.
   d. LOAD-BEARING WALL SHALL BE FULLY GROUTED.
7. HORIZONTAL REINFORCING IN MASONRY WALLS:
   a. USE TRUSS TYPE REINFORCEMENT TO ASTM A1064/A1064M, CSA-A370 SIZED TO SUIT WALL THICKNESS.
   b. FINISH, HOT-DIPPED GALVANIZED TO ASTM A153/A153M CLASS B2, 550g/SQ. m.
   c. REINFORCEMENT WITH (2) TWO 4.76mm (0.144") SIDE RODS AND 4.76mm (0.144") CROSS RODS. INSTALL TRUSS TYPE REINFORCEMENT AT VERTICAL INTERVALS OF 400mm (16") ON CENTER.
8. BOND BEAMS:
   a. PROVIDE & REINFORCE BOND BEAMS AT TOP OF WALLS AND WHERE THE WALL IS CONNECTED TO ROOF AND FLOOR ASSEMBLIES.
      BOND BEAM (16") 400mm DEEP WITH (2)-15M TOP AND BOTTOM FOR LOAD-BEARING WALLS & FIREWALLS (U.N.O.).
      BOND BEAM (8") 200mm DEEP WITH (2)-15M FOR NON-LOAD-BEARING WALL (U.N.O).
   b. PROVIDE & REINFORCE LINTELS AT ALL OPENINGS. LINTELS TO EXTEND MINIMUM ONE FULL CORE BEYOND OPENING EACH SIDE.
      - LINTELS FOR OPENINGS SPANNING UP TO (6'-0") 1800mm : (8") 200mm DEEP WITH (2)-15M BOTTOM (U.N.O.).
      - LINTELS FOR OPENINGS SPANNING MORE THAN (6'-0") 1800mm & NOT MORE THAN (10'-0") 3000mm: (16") 400mm DEEP WITH (2)-20M TOP AND BOTTOM (U.N.O.).

ROUGH CARPENTRY NOTES:

1. ALL WOOD STRUCTURAL MEMBERS, ASSEMBLIES AND FASTENERS SHALL CONFORM TO THE REQUIREMENTS OF CSA STANDARD O86 (LATEST EDITION).
2. ALL LUMBER SHALL BE IDENTIFIED BY THE GRADE MARK IN ACCORDANCE WITH THE MARKING PROVISIONS OF CSA STANDARD O141.
3. ALL LUMBER SHALL BE STRUCTURAL GRADE DRY, S-P-F NO. 2 MINIMUM, MOISTURE CONTENT NOT GREATER THAN 19% AT INSTALLATION.
4. ALL PLYWOOD SHALL BE EXTERIOR GRADE DOUGLAS FIR PLYWOOD TO CSA O121 AND MANUFACTURED WITH WATERPROOF GLUE.
5. PROVIDE FULL WIDTH 38mm (1-1/2") THICK WOOD NAILER PLATE ON FLANGES OF STEEL BEAMS AS REQUIRED. SECURE WITH 12mm (1/2") DIA. BOLTS AT 610mm (24") ON CENTER STAGGERED.
6. PROVIDE GALVANIZED METAL JOIST HANGERS WHERE JOISTS NOT SUPPORTED ON WALLS OR BEAMS. SIZE ADEQUATE TO SUPPORT DESIGN LOADS.
7. ALL FASTENERS AND METAL IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE HOT DIPPED GALVANIZED OR APPROVED EQUAL.
8. ALL BEARING SHALL BE CONTINUOUS TO FOUNDATION UNLESS NOTED OTHERWISE.
9. SHEATHING SHALL BE FASTENED AT 150mm (6") ON CENTER AT EDGES AND END SUPPORTS AND AT 300mm (12") CENTERS AT INTERMEDIATE SUPPORTS.
10. REQUIRED TRUSS/JOIST ANCHORS, CLIPS, HANGERS, ETC. SHALL BE DESIGNED AND SUPPLIED BY TRUSS/JOIST MANUFACTURER TO ACCOMMODATE ALL LOADS, INCLUDING UPLIFT.
11. VENTILATE AND FIRE STOP ALL SPACES TO NBCC REQUIREMENTS.

SLAB ON GRADE

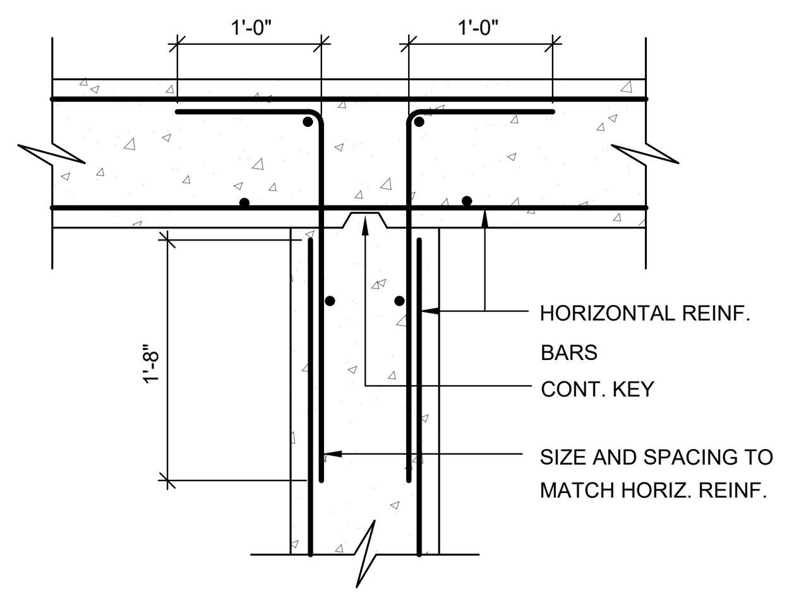
1. ENSURE NBC SOIL GAS CONTROL REQUIREMENTS ARE INSTALLED.
2. LOCATION OF SLAB CONSTRUCTION JOINTS TO BE APPROVED BY ENGINEER BEFORE CONCRETE IS PLACED.
3. MINIMUM SLAB-ON-GRADE REINFORCING OF 10M AT 400mm (16") O/C EACH WAY AT MIDDLE OF SLAB UNLESS NOTED OTHERWISE ON DRAWINGS. CHAIR REINFORCING.
4. PROVIDE 12mm (1/2") PREMOULDED JOINT FILLER WITH CHALKING AT ALL CONCRETE AND MASONRY THAT EXTEND BELOW TOP OF SLAB UNLESS NOTED OTHERWISE.
5. PROVIDE VAPOUR RETARDER UNDER ALL INTERIOR SLAB ON GRADES UNLESS NOTED OTHERWISE.
6. INTERIOR CONCRETE FLOOR SLAB TO HAVE A SMOOTH STEEL TROWELLED FINISH (TO A FLAT TOLERANCE CLASSIFICATION 5mm (3/16") IN 3m (9'-0")) AS PER ENGINEERS REQUIREMENT.
7. WET CURE SLAB-ON-GRADE FOR A MINIMUM 7 DAYS AFTER PLACEMENT OR APPLY CURING COMPOUND IMMEDIATELY AFTER COMPLETION OF SLAB FINISHING. USE MASTERCURE CR BY MASTER BUILDERS, STERNSON FLORSEAL, OR EQUIVALENT LIQUID MEMBRANE CONCRETE CURING COMPOUND.
8. COORDINATE APPLICATION OF SEALING, CURING AND HARDENING COMPOUND WITH FLOOR FINISH USING COMPATIBLE PRODUCTS. VERIFY FLOOR FINISH BEFORE APPLYING CURING/SEALING/HARDNER TO FLOOR SURFACES.
9. PROVIDE CONTROL JOINTS WITH JOINT FILLER. STANDARD OF ACCEPTANCE: MASTERFILL 300I, OR APPROVED EQUAL. INSTALL TO MANUFACTURERS INSTRUCTIONS.
10. PROVIDE WEATHER PROTECTION TO CONCRETE SLAB AND ALL CONCRETE WORK IN CONFORMANCE WITH REQUIREMENTS OF A23.1

WOOD TRUSS NOTES:

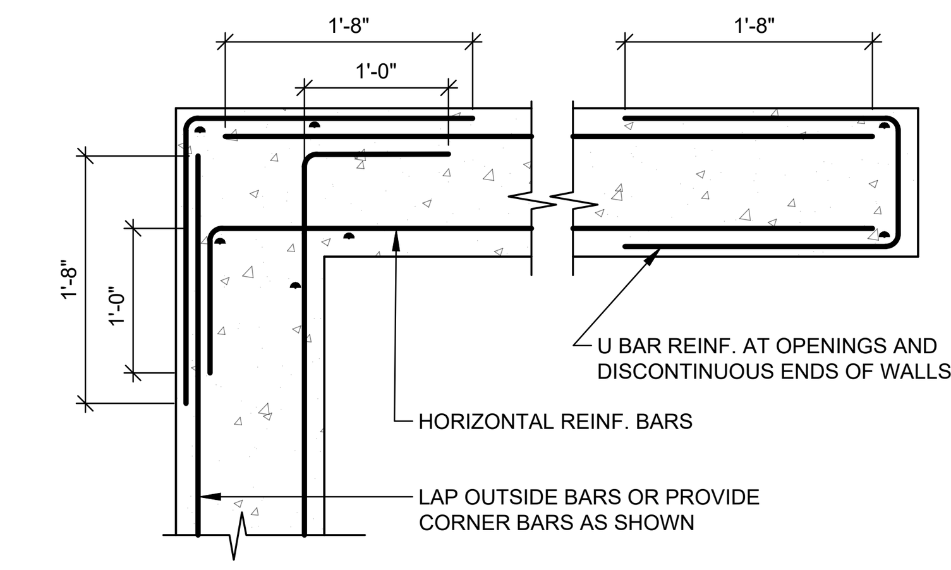
1. ALL TRUSSES SHALL BE DESIGNED FOR SNOW AND WIND LOAD AS PER NBCC AND INCREASED LOADS FOR SNOW DRIFT AT HIGHER OBSTRUCTIONS.
2. DESIGN TO SUPPORT THE LOADS INDICATED WITH A MAXIMUM SPAN DEFLECTION, UNDER LIVE LOAD, OF 1/240 FOR ROOF AND 1/480 FOR FLOOR. TRUSS MANUFACTURER TO SIZE AND PROVIDE REQUIRED LVL BEAMS. INCORPORATE PIGGYBACK TRUSSES AS REQUIRED.
3. PROVIDE TEMPORARY ROOF AND WALL BRACING TO SUPPORT LOADS AND KEEP STRUCTURE STABLE DURING INSTALLATION.
4. PROVIDE HORIZONTAL BRIDGING AS REQUIRED BY TRUSS DESIGN. REFER TO TRUSS SUPPLIERS SHOP DRAWINGS (U.N.O.).
5. MANUFACTURED WOOD TRUSS SYSTEM TO BE DESIGNED BY MANUFACTURER AND SEALED BY AN ENGINEER LICENSED TO PRACTICE IN PEI.
6. PROVIDE GABLE END TRUSSES AS REQUIRED ALL LOCATIONS. PROVIDE TYPICAL TRUSS AND GABLE END TRUSSES WHERE STEEL BEAM IS NOT DETAILED AT GABLE END.
7. PROVIDE 38mm (1 1/2") x 89mm (3 1/2") STRAPPING AT 1800mm (6'-0") c/c ON TOP AND ACROSS BOTTOM CHORD OF WOOD TRUSSES.
8. COORDINATE TRUSS DESIGN AND CONFIGURATION WITH ROOF MOUNTED MECHANICAL EQUIPMENT AND MECHANICAL DUCTING AND ADJUST TRUSS WEBBING AS REQUIRED TO SUIT.

REINFORCING STEEL NOTES:

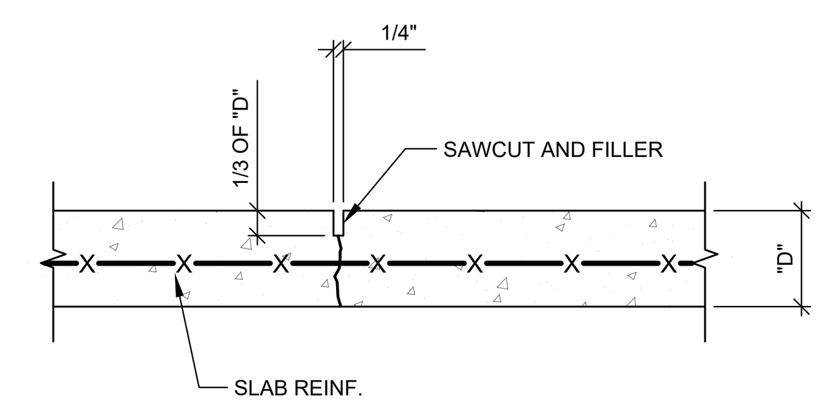
1. ALL REINFORCING STEEL SHALL BE NEW BILLET TO CSA G30.18, WWM REINFORCING TO CSA G30.5.
2. MINIMUM REINFORCING STEEL YIELD STRENGTH SHALL BE 400 MPa.
3. REINFORCING STEEL SHALL BE DETAILED, CUT, BENT, FABRICATED AND PLACED IN ACCORDANCE WITH REINFORCING MANUAL OF STANDARD PRACTICE (REINFORCING STEEL INSTITUTE OF CANADA); CAN3-A23.3 AND CSA-A23.1.
4. THE GENERAL CONTRACTOR SHALL INSPECT ALL THE REINFORCING STEEL BEFORE PLACEMENT OF THE CONCRETE.
5. THE GENERAL CONTRACTOR SHALL NOTIFY THE ENGINEER 24 HOURS PRIOR TO THE PLACEMENT OF THE CONCRETE.
6. THE POSITION OF ALL REINFORCING STEEL SHALL BE MAINTAINED DURING THE POURING OPERATION BY DIRECT SUPERVISION OF THE REINFORCING STEEL CONTRACTOR.
7. SUBMIT SHOP DRAWINGS STAMPED BY AN ENGINEER LICENSED TO PRACTICE IN PEI FOR REVIEW PRIOR TO FABRICATING REINFORCING STEEL. CLEARLY INDICATE BAR SIZES, SPACING, LOCATION, QUANTITY, CHAIRS, SPACERS, ETC WITH IDENTIFYING CODE MARKS TO PERMIT PLACEMENT.
8. ALL FOOTING REINFORCING SHALL CONTINUE THROUGH COLUMN FOOTINGS AND SHALL CONTINUE TO THE ENDS OF THE FOOTINGS WHERE FOOTINGS CHANGE DIRECTION OR STOP.
9. ALL WALL REINFORCING SHALL CONTINUE THROUGH PIER/COLUMN REINFORCING.
10. CONCRETE COVER (UNLESS NOTED OTHERWISE):
 a. POURED AGAINST THE GROUND: 75mm (3")
 b. FORMED SURFACE AGAINST GROUND: 50mm (2")
 c. FORMED SURFACE EXPOSED TO WEATHER:50mm (2")
 d. FORMED SURFACE PROTECTED:
  - BEAMS: 40mm (1-1/2")
  - COLUMNS: 40mm (1-1/2")
  - WALLS: 25mm (1")
11. USE SPACERS, CHAIRS, TEMPLATES AND DIRECT SUPERVISION OF THE REINFORCING STEEL CONTRACTOR TO ACCURATELY LOCATE & SUPPORT REINFORCING STEEL & SECURE IN POSITION TO PREVENT DISPLACEMENT DURING CONCRETE PLACEMENT.



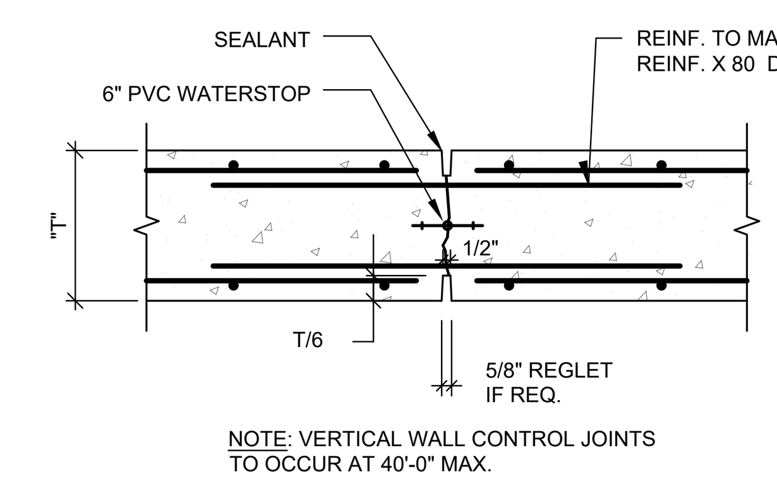
1 / S103 DETAIL: VERT. WALL CONSTRUCTION JOINT (TYP.)
N.T.S.



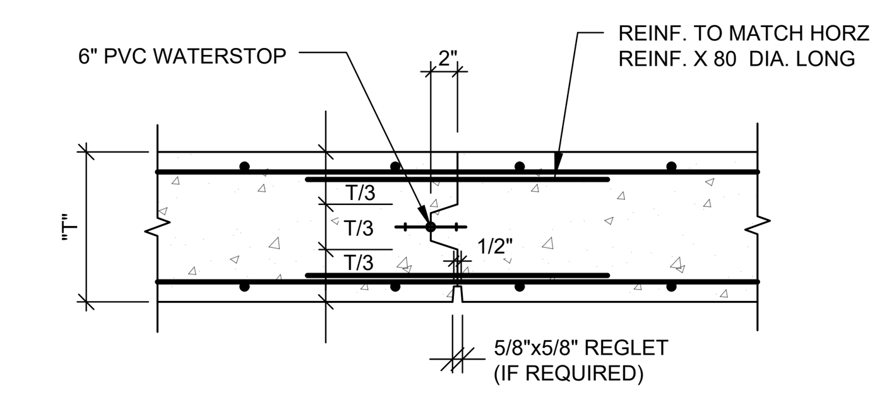
2 / S103 DETAIL: HORIZ. REINFORCING AT WALL CORNERS (TYP.)
N.T.S.



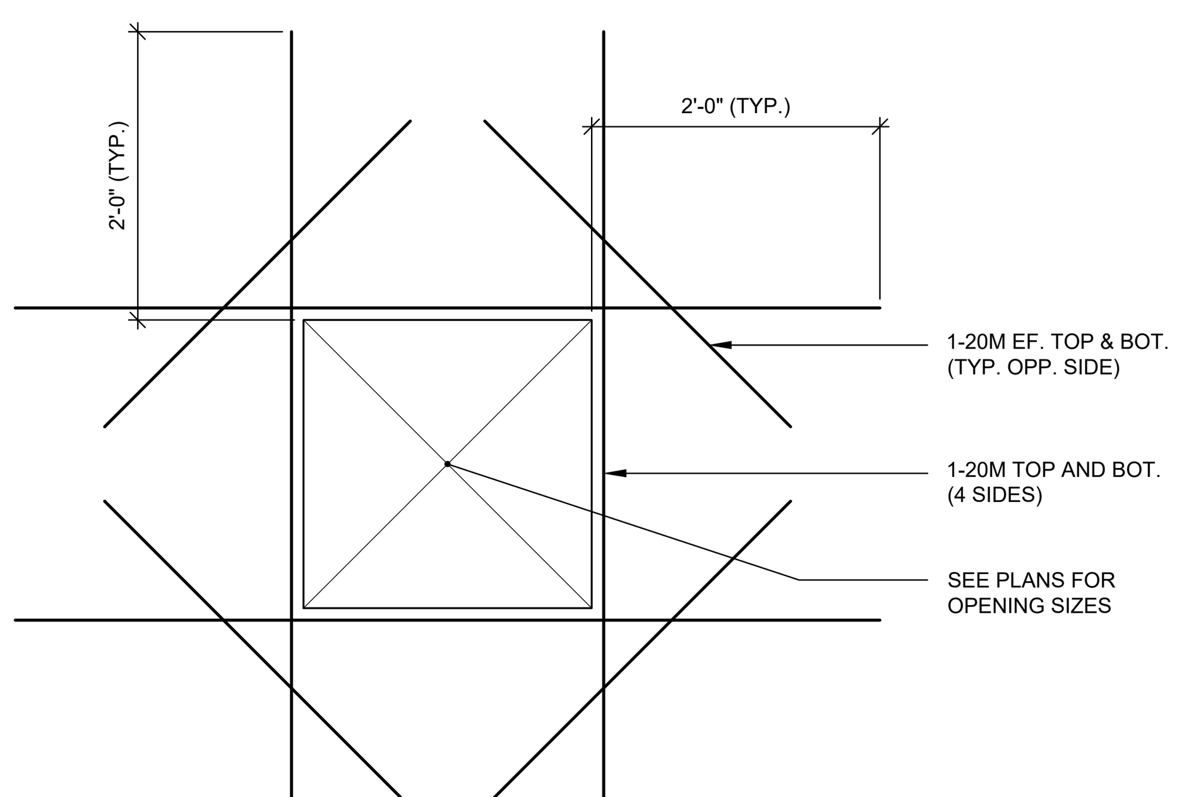
3 / S103 SECTION: CONTROL JOINT CONCRETE SLAB (TYP.)
N.T.S.



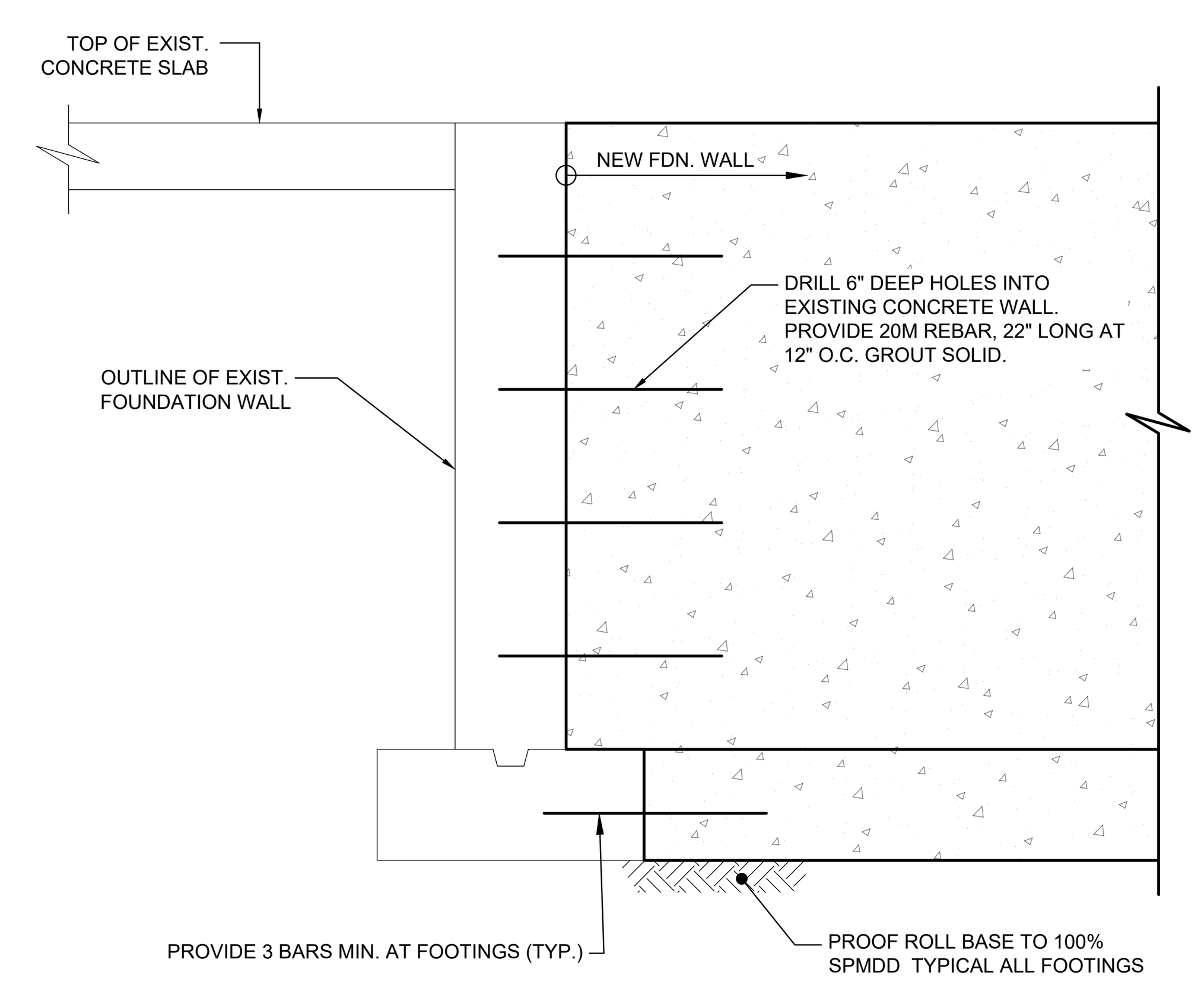
4 / S103 DETAIL: WALL CONTROL JOINT (TYP.)
N.T.S.



5 / S103 DETAIL: VERT. WALL CONSTRUCTION JOINT (TYP.)
N.T.S.



6 / S103 DETAIL: ADDITIONAL REINFORCING AROUND OPENINGS (TYP.)
N.T.S.



7 / S103 SECTION: FOUNDATION WALL AT EXISTING (TYP.)
N.T.S.

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PROFESSIONAL ENGINEER — Nazmi Lawen — 21 Sep 2023 — PROVINCE OF PRINCE EDWARD ISLAND

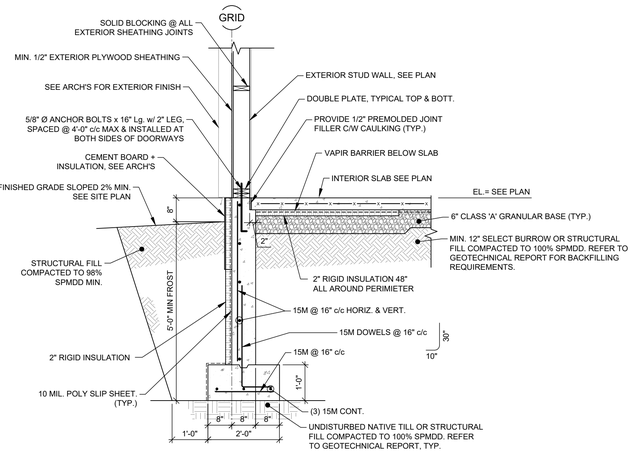
Client: Rural Municipality of Kinkora

Project Title: Kinkora Community Hall Expansion

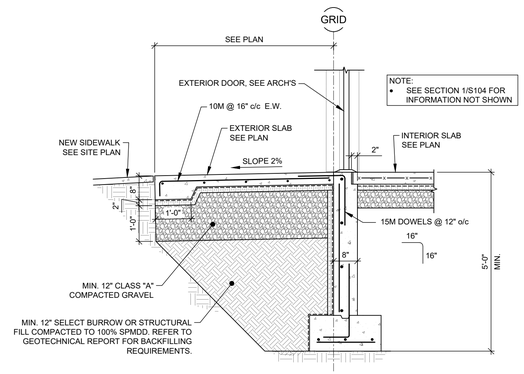
Sheet Title: Notes & Typical Sections

No.	Description	Date
0	Issued for Tender	2023-09-21

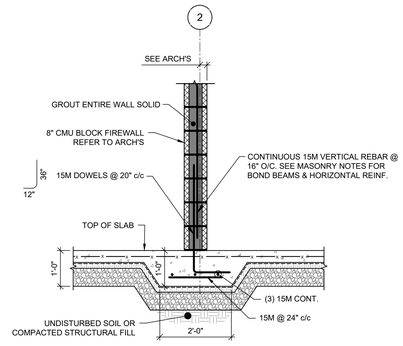
Date: 2023-09-21
Drn By: SPB
Chk By: NL P.Eng
Project Number: 231053
Drawing Number: S103
Revision: 0



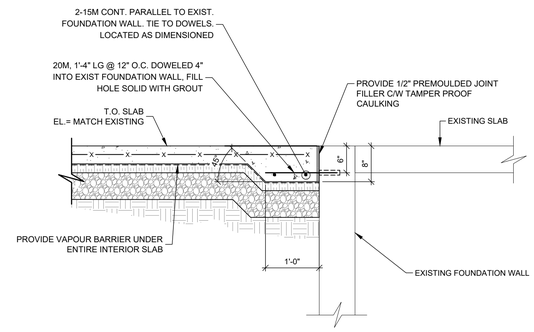
1 / S104 SECTION: FOUNDATION WALL
1/2" = 1'-0"



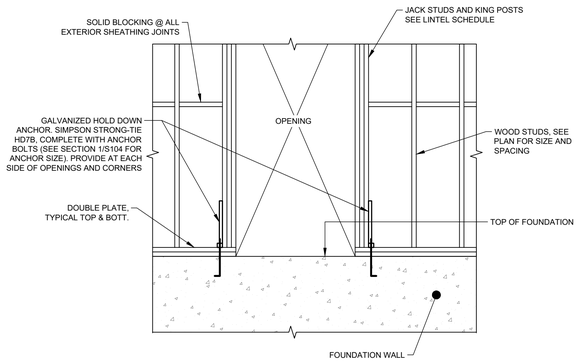
2 / S104 SECTION: FOUNDATION WALL AT ENTRANCE
1/2" = 1'-0"



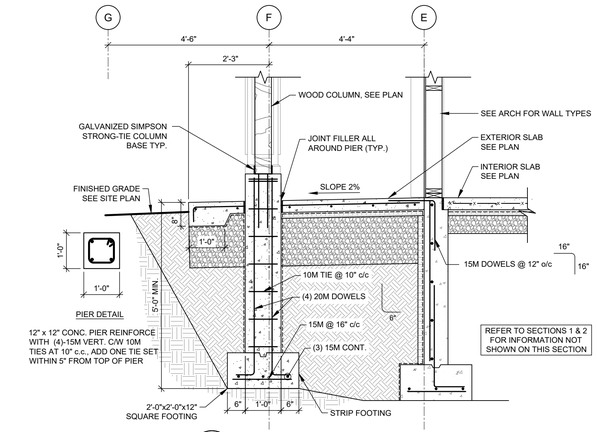
3 / S104 SECTION: THICKENED SLAB @ CMU WALL
1/2" = 1'-0"



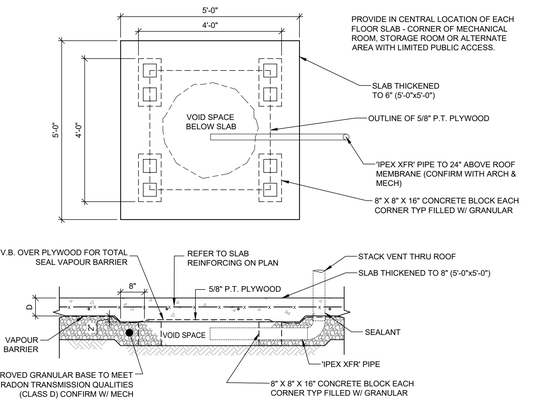
4 / S104 SECTION: NEW SLAB TO EXISTING WALL
3/4" = 1'-0"



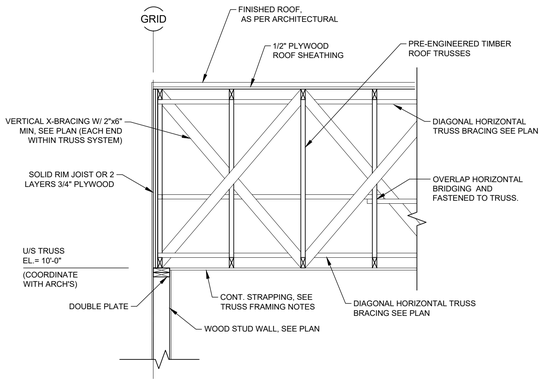
5 / S104 ELEVATION: HOLD DOWN ANCHORS
1/2" = 1'-0"



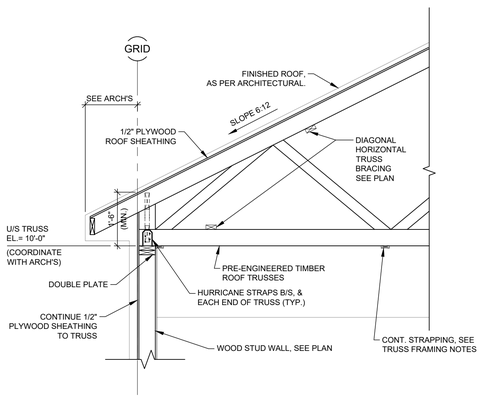
6 / S104 SECTION: EXTERIOR WALKWAY
1/2" = 1'-0"



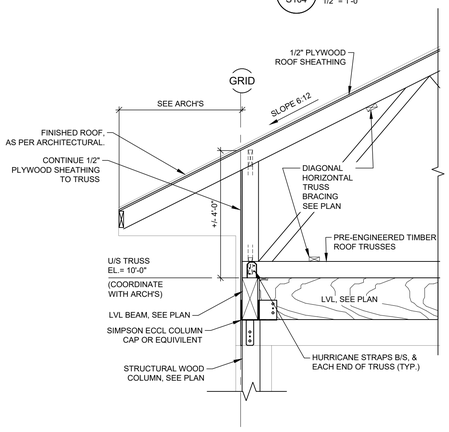
7 / S104 SECTION: RADON GAS EXTRACTION
1/2" = 1'-0"



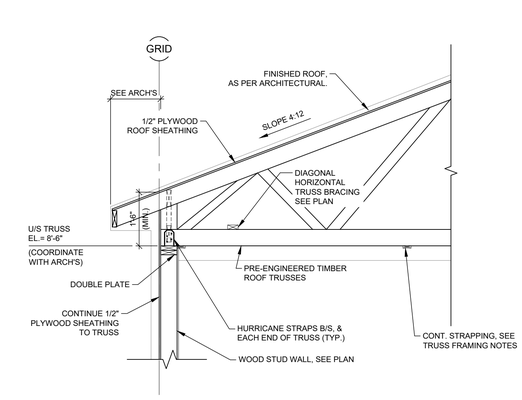
8 / S104 SECTION: EXTERIOR TRUSS BRACING
1/2" = 1'-0"



9 / S104 SECTION: EXTERIOR TRUSS BEARING
1/2" = 1'-0"



10 / S104 SECTION: TRUSS BEARING ON BEAM
1/2" = 1'-0"



11 / S104 SECTION: EXTERIOR TRUSS BEARING
1/2" = 1'-0"

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PROFESSIONAL ENGINEER
The Association Of Professional Engineers Of Prince Edward Island
Nazmi Lawen
3440
21 Sept 2023
DATE
PROVINCE OF PRINCE EDWARD ISLAND

Client
Rural Municipality of Kinkora

Project Title
Kinkora Community Hall Expansion

Sheet Title
Sections & Details

No.	Description	Date
0	Issued for Tender	2023-09-21

Date: 2023-09-21
Drn By: SPB
Chk By: NL. P.Eng
Revision 0
Project Number: 231053
Drawing Number: S104

1 / A001 CONTEXT PLAN
1" = 50'-0"

GENERAL NOTES

1. VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK.
2. THE WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA (NBCC 2015) UNLESS OTHERWISE NOTED ON THE DRAWINGS.
3. COMPLY WITH ALL LOCAL MUNICIPAL AND PROVINCIAL BY-LAWS AND REGULATIONS.
4. CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES PRIOR TO EXCAVATION.
5. BENCH MARKS TO BE ESTABLISHED BY CONTRACTOR.
6. ALL PENETRATIONS IN RATED PARTITIONS AND/OR FLOOR ASSEMBLIES FOR PLUMBING, DUCTING OR ELECTRICAL ARE TO BE SEALED. FIRE STOP IN ACCORDANCE WITH WALL AND/OR FLOOR TYPES. SUBMIT ULC DETAILS AND MATERIALS DURING SHOP DRAWING PROCESS FOR REVIEW PRIOR TO INSTALLATION.
7. VENT ALL FANS TO OUTSIDE AIR THROUGH VENT C/W HOOD.
8. PROVIDE SUB-SLAB DEPRESSURIZATION DETAIL FOR FUTURE RADON GAS TESTING AS PER NBCC 2015 REQUIREMENTS.
9. ALL WALL DIMENSIONS ARE TO FINISH FACE OF GYPSUM WALL BOARD UNLESS NOTED OTHERWISE.
10. ALL OTHER DISCIPLINES SHOWN FOR GENERAL INTENT ONLY. REFER TO CORRESPONDING DRAWINGS.
11. REFER TO TOILET ACCESSORIES SCHEDULE IN THE SPECIFICATION FOR ALL TAGS.
12. REFER TO MATERIAL/FINISH SCHEDULE IN THE SPECIFICATION FOR INFO ON MATERIAL TAGS.
13. ROOF ACCESS HATCH IS TO BE A RATED CLOSURE WITH A MIN. 45 MINUTE RATING. CLEAR OPENING TO BE MIN. 550mm X900mm. PROVIDE ONE TO ACCESS THE AREA BETWEEN EACH FIRE BLOCK.
14. STUD SPACING ON STRUCTURAL DRAWINGS OVERRIDES THE ARCHITECTUREAL STUD SPACING.

PROJECT INFORMATION

ADDRESS: 45 Anderson Rd, Kinkora, PEI
MUNICIPALITY: RURAL MUNICIPALITY OF KINKORA
PID#:
ZONING: PS1
GROSS AREAS:
LEVEL 1 (EXISTING): 11643 sq ft, 1082 m2
LEVEL 1 (NEW): 4832 sq ft, 449 m2
SETBACKS:
MIN. REAR YARD: 15 FT (4.57M)
MIN. SIDE YARD: 7.5 FT (2.29 M)
MIN. FRONT YARD: 17 FT (5.18 M)
MAX. HEIGHT: 2.5 STORIES OR 35 FT (10.67 M)

LEGEND

- EXISTING WALLS
- NEW WALLS (REFER TO FLOOR PLAN FOR WALL TYPE)
- BLOCK WALLS (REFER TO FLOOR PLAN FOR WALL TYPE)
- AREAS NOT IN CONTRACT
- 101 / ROOM NAME — ROOM NUMBER AND NAME
- 100.1 — DOOR TAG
- EW1 — WALL TAG
- 45 MIN. FIRE SEPARATION
- 1 HR FIRE SEPARATION
- 2 HR FIRE SEPARATION
- DOOR CLEAR AREA, PULL SIDE (5' - 6 7/8" min., 600 min., 4' - 11" min.)
- DOOR CLEAR AREA, PUSH SIDE (0' - 11 3/4" min., 1200 min., 4' - 5 1/8" min.)
- WHEELCHAIR CLEAR AREA AT SINK, MIN. 800x1350 (MAY EXTEND MAX. 430 UNDER SINK)
- WHEELCHAIR TRANSFER AREA ADJACENT TO TOILET, MIN. 900x1500
- POWER ASSISTED DOOR, LOCATION OF PUSH BUTTON ACTUATOR

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ARCHITECTS' ASSOCIATION 20-16 CERTIFICATE of PRACTICE Sep. 21, 2023 Yan Hu Coles Associates Ltd. AAPEI OF PRINCE EDWARD ISLAND # 231053

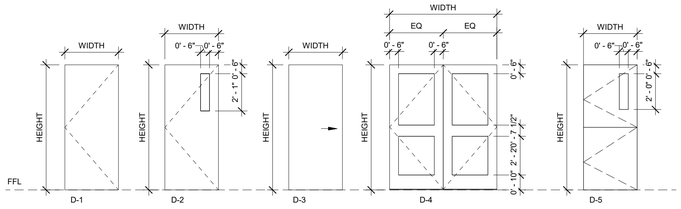
Client: Rural Municipality of Kinkora

Project Title: Kinkora Community Hall Expansion

Sheet Title: Context Plan & Project Info, Legend, General Notes

No.	Description	Date
0	Issued for Tender	2023-09-21

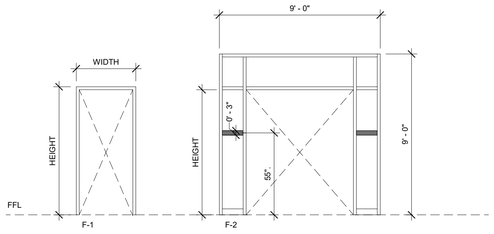
Date: 2023-09-21
Dm By: SH
Chk By: SDM
Revision: 0
Project Number: 231053
Drawing Number: A001



NOTE: GLAZING DIMENSIONS ARE TO THE DAY LIGHT OPENINGS.

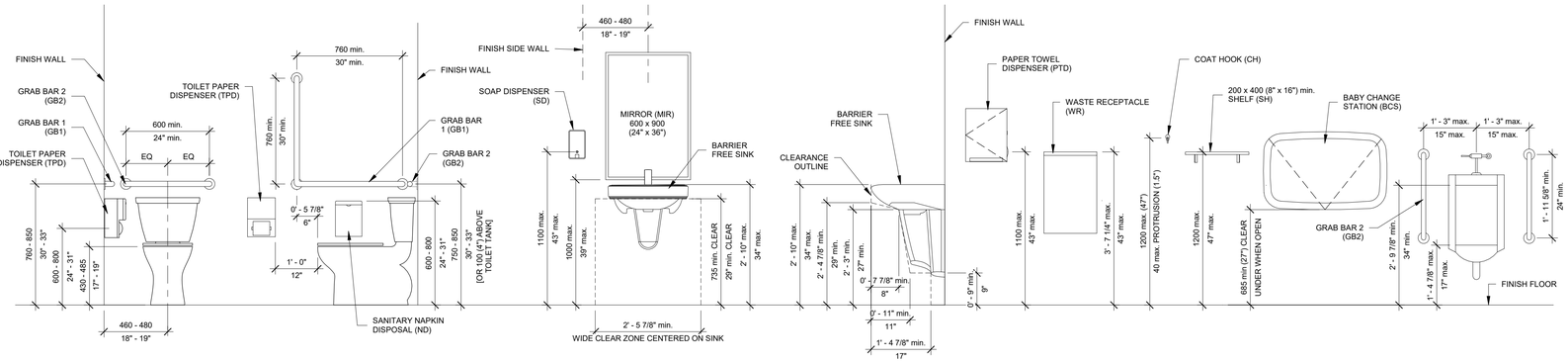
DOOR TYPES

1/4" = 1'-0"



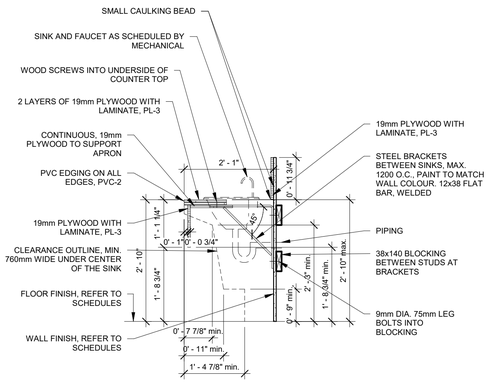
FRAME TYPES

1/4" = 1'-0"



B.F. WASHROOM ELEVATIONS MOUNTING HEIGHTS (TYP.)

1 : 20



WR MILLWORK SECTION, LAMINATE (TYP.)

1 : 20

DOOR AND FRAME SCHEDULE

DOOR NO.	ROOM NAME	FIRE RATING	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	COMMENTS
100.1	VEST.		6' - 0"	7' - 0"	SEE SPEC	D-4	AL	AL-1	F-2	AL	AL-1	KEY FOB SYSTEM
100.2	CORRIDOR		6' - 0"	7' - 0"	0' - 1 3/4"	D-4	WD	P-4	F-1	PS	P-3	
101.1	VEST.		3' - 0"	7' - 0"	0' - 1 3/4"	D-1	HMI	P-1	F-1	PS	P-1	
101.2	VEST.	1.5h	3' - 0"	7' - 0"	0' - 1 3/4"	D-2	HM	P-4	F-1	PS	P-3	
103.1	CORRIDOR		3' - 0"	7' - 0"	0' - 1 3/4"	D-1	HMI	P-1	F-1	PS	P-1	
104.1	LAUNDRY	1.5 h	3' - 0"	7' - 0"	0' - 1 3/4"	D-1	HM	P-4	F-1	PS	P-3	
105.1	ROOM - 5		3' - 0"	7' - 0"	0' - 1 1/2"	D-5	WD	P-4	F-1	WD	P-3	
106.1	HC WR		3' - 0"	7' - 0"	0' - 1 1/2"	D-1	WD	P-4	F-1	WD	P-3	
107.1	W/R		3' - 0"	7' - 0"	0' - 1 1/2"	D-1	WD	P-4	F-1	WD	P-3	
107.2	W/R		3' - 0"	7' - 0"	0' - 1 1/2"	D-1	WD	P-4	F-1	WD	P-3	
108.1	ROOM - 4		3' - 0"	7' - 0"	0' - 1 1/2"	D-5	WD	P-4	F-1	WD	P-3	
109.1	STAFF RM		3' - 0"	7' - 0"	0' - 1 1/2"	D-2	WD	P-4	F-1	WD	P-3	
110.1	MANAGER		3' - 0"	7' - 0"	0' - 1 1/2"	D-2	WD	P-4	F-1	WD	P-3	
111.1	CLOSET		3' - 0"	7' - 0"	0' - 1 1/2"	D-1	WD	P-4	F-1	WD	P-3	
112.1	ROOM - 1		3' - 0"	7' - 0"	0' - 1 1/2"	D-2	WD	P-4	F-1	WD	P-3	
113.1	ROOM- 2		3' - 0"	7' - 0"	0' - 1 1/2"	D-5	WD	P-4	F-1	WD	P-3	
114.1	W/R		3' - 0"	7' - 0"	0' - 1 1/2"	D-1	WD	P-4	F-1	WD	P-3	
114.2	W/R		3' - 0"	7' - 0"	0' - 1 1/2"	D-1	WD	P-4	F-1	WD	P-3	
115.1	IBI		3' - 0"	7' - 0"	0' - 1 1/2"	D-3	WD	P-4		WD	P-3	POCKET DOOR WITH WOOD CASING
116.1	ROOM - 3		3' - 0"	7' - 0"	0' - 1 1/2"	D-5	WD	P-4	F-1	WD	P-3	
117.1	KITCHEN		3' - 0"	7' - 0"	0' - 1 1/2"	D-1	WD	P-4	F-1	WD	P-3	
118.1	MECH./ELEC.	45 min.	3' - 0"	7' - 0"	0' - 1 3/4"	D-1	HM	P-4	F-1	PS	P-3	CUT IN A DOOR GRILL 24"X24"

DOOR AND FRAME SCHEDULE ABBREVIATIONS

AL	ALUMINUM
HM	HOLLOW METAL
HMI	HOLLOW METAL INSULATED
PS	PRESSED STEEL
WD	WOOD

DOOR AND FRAME SCHEDULE NOTES

1. ALL INTERIOR DOOR FRAMES TO BE INSTALLED 150mm FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
2. ALL NON FIRE RATED INTERIOR DOORS TO BE RESIDENTAIL GRADE HARDWARE UNLESS NOTED OTHERWISE. ALL FIRE DOORS AND EXTERIOR DOORS REFER TO SPECIFICATION FOR DOOR HARDWARE.
3. ALL EXTERIOR DOOR FRAMES AND THRESHOLDS TO BE THERMALLY BROKEN.
4. ALL EXTERIOR DOOR AND FRAMES TO BE INSULATED.
5. REFER TO MATERIAL/FINISH SCHEDULE FOR ALL MATERIAL TAGS.
6. ALL GLAZING IN EXTERIOR DOORS AND FRAMES TO BE GL-3.
7. ALL GLAZING IN RATED DOORS AND FRAMES TO BE GL-1.
8. ALL GLAZING IN INTERIOR DOORS AND FRAMES TO BE GL-2.
9. DOORS, FRAMES, AND HARDWARE TO MATCH WALL FIRE RESISTANCE RATING. REFER TO DOOR SCHEDULE FOR RATING.
10. ALL DOORS SCHEDULED AT 1-1/2" THICK ARE TO BE PREHUNG SOLID WOOD DOORS AND WOOD FRAMES, WITH RESIDENTIAL GRADE HARDWARE. WOOD CASING ON BOTH SIDES, 3/4"X2-1/2". PAINT GRADE FINGER JOINT PINE IS ACCEPTABLE.

UNIVERSAL WASHROOM NOTES

1. A CLEAR FLOOR AREA OF 1500mm DIA. (60") SHALL BE PROVIDED AT THE DOOR AND WITHIN A UNIVERSAL WASHROOM.
2. A CLEAR TRANSFER SPACE 900 x 1500mm (36" x 60") SHALL BE PROVIDED BESIDE THE TOILET (MEASURED FROM THE RIM).
3. THE FLUSH VALVE OF A TOILET SHALL BE LOCATED ON THE TRANSFER SIDE.
4. LAVATORIES SHALL HAVE A CLEAR FLOOR AREA 800 x 1350mm (31" x 53") CENTERED ON THE LAVATORY, OF WHICH NOT MORE THAN 480mm (18") MAY BE UNDER THE LAVATORY.
5. TOWEL DISPENSER/HAND DRYER AND SOAP DISPENSER SHALL BE LOCATED WITHIN A 500mm (19") REACH OF A PERSON SEATED AT THE LAVATORY.
6. THE DOOR SHALL HAVE A LOCKING MECHANISM CAPABLE OF BEING UNLOCKED FROM THE OUTSIDE.

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Client: Rural Municipality of Kinkora

Project Title: Kinkora Community Hall Expansion

Sheet Title: Schedules

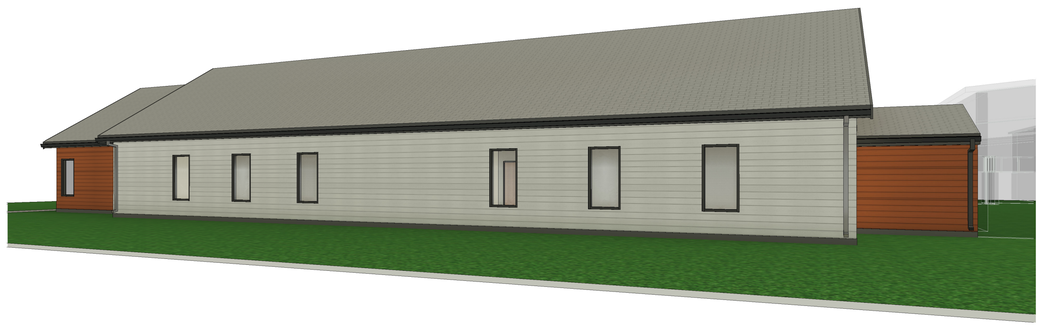
No.	Description	Date
0	Issued for Tender	2023-09-21

Date: 2023-09-21
Drn By: SH
Chk By: SDM
Revision: 0
Project Number: 231053
Drawing Number: A002

VIEW LOOKING SOUTH EAST

VIEW LOOKING SOUTH WEST

VIEW LOOKING NORTH EAST



VIEW LOOKING NORTH WEST

FOR REFERENCE ONLY

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20-16
CERTIFICATE of PRACTICE
Sep. 21, 2023
Yan Hu
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OF PRINCE EDWARD ISLAND
231053

Client
Rural Municipality of Kinkora

Project Title
Kinkora Community Hall Expansion

Sheet Title
3D Views

No.	Description	Date
0	Issued for Tender	2023-09-21

Date: 2023-09-21
Drn By: SH / DC
Chk By: SDM

Revision: 0

Project Number: 231053

Drawing Number: A030