



**Route 33 Portsmouth, New Hampshire Skatepark
Bid # 39-23**

ADDENDUM NO. 1

TO

CONTRACT DOCUMENTS

March 14, 2023

NOTICE TO BIDDERS

The attention of all bidders submitting bid proposals for “Portsmouth New Hampshire Skatepark” is called to the following Addenda to the plans. The items set forth herein, whether of omission, addition or substitution are to be included in, and form part of the specifications and plans of the above-named project for bids to be received as advertised.

**PLEASE BE SURE TO ACKNOWLEDGE
THIS ADDENDUM ON THE BID FORM**

The following clarifications, modifications, deletions and additions are hereby incorporated into and become part of the Contract Documents.

**WRITTEN CHANGES AND CLARIFICATIONS TO THE DRAWINGS AND INVITATION TO
BID**

1. **DELETE:** Sheet L001– GENERAL NOTES.
ADD: Sheet L001-GENERAL NOTES per attachment.
2. **ADD:** Sheet L002-GENERAL NOTES per attachment.
3. Sheet L120-MATERIALS AND PLANTING PLAN:
DELETE: Callout note “Wetland Seed Mix, Typ. See Specifications”
FOR CLARIFICATIONS: Contractor shall refer to Sheet L002-GENERAL NOTES for Temporary Seeding and Permanent Seeding Specifications.
4. **DELETE:** Sheet L140 – GRADING, DRAINAGE, AND UTILITIES PLAN
ADD: Sheet L140 – GRADING, DRINAGE, AND UTILITIES PLAN per attachment.
5. **DELETE:** Sheet L501 – CONSTRUCTION DETAILS
ADD: Sheet L501 – CONSTRUCTION DETAILS per attachment.

6. Sheet L502 – CONSTRUCTION DETAILS:
DELETE: Detail 6 – CATCH BAIN
7. **DELETE:** Sheet L504 – CONSTRUCTION DETAILS
ADD: Sheet L504 – CONSTRUCTION DETAILS per attachment
8. Any questions regarding the bid documents may be directed by email to the Purchasing/Finance Department, purchasing@cityofportsmouth.com, no later than 12:30 p.m. on 3/24/23. A final addendum for questions will be posted on our website by 4:30 p.m. on 3/28/23.

ATTACHMENTS:

Sheet L001 – GENERAL NOTES
Sheet L002 – GENERAL NOTES
Sheet L140 – GRADING, DRAINAGE, AND UTILITIES PLAN
Sheet L501 – CONSTRUCTION DETAILS
Sheet L504 – CONSTRUCTION DETAILS

END OF ADDENDUM NO. 1

TEMPORARY AND PERMANENT SEEDING SPECIFICATIONS

SITE PREPARATION

- INSTALL ALL NEEDED EROSION AND SEDIMENT CONTROL MEASURES SUCH AS SILTATION BARRIERS, DIVERSIONS, AND SEDIMENT TRAPS.
- GRADE AS NEEDED FOR THE ACCESS OF EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING.
- RUNOFF SHALL BE DIVERTED FROM THE SEEDED AREA.
- ON SLOPES 4:1 OR STEEPER, THE FINAL PREPARATION SHOULD INCLUDE CREATING HORIZONTAL GROOVES PERPENDICULAR TO THE DIRECTION OF THE SLOPE TO CATCH SEED AND REDUCE RUNOFF.

TEMPORARY SEEDBED PREPARATION

- STONES AND TRASH SHOULD BE REMOVED SO AS NOT TO INTERFERE WITH THE SEEDING AREA.
- WHERE SOIL HAS BEEN COMPACTED BY CONSTRUCTION OPERATIONS, LOOSEN SOIL TO A DEPTH OF 2-IN BEFORE APPLYING FERTILIZER, LIME, AND SEED.
- IF APPLICABLE, FERTILIZER AND ORGANIC SOIL AMENDMENTS SHOULD BE APPLIED DURING THE GROWING SEASON.
 - APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST RECOMMENDATIONS. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITES, OR WHERE TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED AT A RATE OF 600-LB PER ACRE OR 13.8-LB PER 1,000-SF OF LOW PHOSPHATE FERTILIZER OR EQUIVALENT. APPLY LIMESTONE AT A RATE OF 3-TON PER ACRE.
 - FERTILIZER SHOULD BE RESTRICTED TO A LOW PHOSPHATE, SLOW RELEASE NITROGEN FERTILIZER WHEN APPLIED TO AREAS BETWEEN 25-FT AND 250-FT FROM A SURFACE WATER BODY.

TEMPORARY SEEDING

- APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTIPACKER TYPE SEEDER OR HYDROSEEDER (SLURRY INCLUDING SEED AND FERTILIZER). NORMAL SEEDING DEPTH IS FROM 1/4" TO 1/2". HYDROSEEDING THAT INCLUDES MULCH MAY BE LEFT ON SOIL SURFACE. SEEDING RATES MUST BE INCREASED BY 10% WHEN HYDROSEEDING.
- TEMPORARY SEEDING SHOULD TYPICALLY OCCUR PRIOR TO SEPTEMBER 15.
- AREAS SEEDED BETWEEN MAY 15 AND AUGUST 15 SHOULD BE COVERED WITH HAY OR STRAW MULCH, ACCORDING TO THE TEMPORARY AND PERMANENT MULCHING PRACTICE IN THE NH STORMWATER HANDBOOK, VOLUME 3.
- VEGETATED GROWTH COVERING AT LEAST 85% OF THE DISTURBED AREA SHOULD BE ACHIEVED PRIOR TO OCTOBER 15. IF THIS CONDITION IS NOT ACHIEVED, IMPLEMENT OTHER TEMPORARY STABILIZATION MEASURES FOR OVERWINTER PROTECTION.
- ALL TEMPORARY SEEDING IS TO BE WINTER RYEGRASS OR AN APPROVED EQUAL, AND IS TO BE SEEDED AT A RATE OF 112-LB PER ACRE OR 2.5-LB PER 1,000-SF. WINTER RYEGRASS SHOULD BE SEEDED FROM AUGUST 15 TO SEPTEMBER 15 FOR BEST COVER. WINTER RYEGRASS SHALL BE SEEDED TO A DEPTH OF 1-IN.

PERMANENT SEEDBED PREPARATION

- WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4-IN WITH A DISC, SPRING TOOTH HARROW OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM, FINE SEEDBED IS PREPARED. ALL BUT CLAY OR SILTY SOILS AND COARSE SANDS SHOULD BE ROLLED TO FIRM THE SEEDBED WHEREVER FEASIBLE.
- REMOVE FROM THE SURFACE ALL STONES 2-IN OR LARGER IN ANY DIMENSION. REMOVE ALL OTHER DEBRIS, SUCH AS WIRE, CABLE, TREE ROOTS, CONCRETE, CLOUDS, LUMPS, TRASH OR OTHER UNSUITABLE MATERIAL.
- INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE TILLED AND FIRMED AS ABOVE.
- WHERE THE SOIL HAS BEEN COMPACTED BY CONSTRUCTION OPERATIONS, LOOSEN SOIL TO A DEPTH OF 2-IN BEFORE APPLYING FERTILIZER, LIME AND SEED.
- IF APPLICABLE, FERTILIZER AND ORGANIC SOIL AMENDMENTS SHOULD BE APPLIED DURING THE GROWING SEASON.
 - APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST RECOMMENDATIONS. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITES, OR WHERE TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED AT A RATE OF 600-LB PER ACRE OR 13.8-LB PER 1,000-SF OF LOW PHOSPHATE FERTILIZER OR EQUIVALENT. APPLY LIMESTONE AT A RATE OF 3-TON PER ACRE.
 - FERTILIZER SHOULD BE RESTRICTED TO A LOW PHOSPHATE, SLOW RELEASE NITROGEN FERTILIZER WHEN APPLIED TO AREAS BETWEEN 25-FT AND 250-FT FROM A SURFACE WATER BODY.

PERMANENT SEEDING

- INOCULATE ALL LEGUME SEED WITH THE CORRECT TYPE AND AMOUNT OF INOCULANT.
- APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTIPACKER TYPE SEEDER OR HYDROSEEDER (SLURRY INCLUDING SEED AND FERTILIZER). NORMAL SEEDING DEPTH IS FROM 1/4" TO 1/2". HYDROSEEDING THAT INCLUDES MULCH MAY BE LEFT ON SOIL SURFACE. SEEDING RATES MUST BE INCREASED BY 10% WHEN HYDROSEEDING.
- WHERE FEASIBLE, EXCEPT WHERE EITHER A CULTIPACKER TYPE SEEDER OR HYDROSEEDER IS USED, THE SEEDBED SHOULD BE FIRMED FOLLOWING THE SEEDING OPERATIONS WITH A ROLLER, OR LIGHT DRAG.
- SPRING SEEDING USUALLY GIVES THE BEST RESULTS FOR ALL SEED MIXES OR WITH LEGUMES. PERMANENT SEEDING SHOULD BE COMPLETED 45 DAYS PRIOR TO THE FIRST KILLING FROST. WHEN CROWN VETCH IS SEEDED IN LATER SUMMER, AT LEAST 35% OF THE SEED SHOULD BE HARD SEED (UNSCARIFIED). IF SEEDING CANNOT BE DONE WITHIN THE SPECIFIED SEEDING DATES, MULCH ACCORDING TO THE TEMPORARY AND PERMANENT MULCHING PRACTICE PER THE NH STORMWATER HANDBOOK, VOLUME 3, AND DELAY SEEDING UNTIL THE NEXT RECOMMENDED SEEDING PERIOD.
 - TEMPORARY SEEDING SHOULD TYPICALLY OCCUR PRIOR TO SEPTEMBER 15.
 - AREAS SEEDED BETWEEN MAY 15 AND AUGUST 15 SHOULD BE COVERED WITH HAY OR STRAW MULCH ACCORDING TO THE TEMPORARY AND PERMANENT MULCHING PRACTICE PER THE NH STORMWATER HANDBOOK, VOLUME 3.
- VEGETATED GROWTH COVERING AT LEAST 85% OF THE DISTURBED AREA SHOULD BE ACHIEVED PRIOR TO OCTOBER 15. IF THIS CONDITION IS NOT ACHIEVED, IMPLEMENT TEMPORARY STABILIZATION MEASURES FOR OVERWINTER PROTECTION, AND COMPLETE PERMANENT SEED STABILIZATION DURING THE NEXT GROWING SEASON.

HYDROSEEDING

- WHEN HYDROSEEDING (HYDRAULIC APPLICATION), PREPARE THE SEEDBED AS SPECIFIED ABOVE OR BY HAND RAKING TO LOOSEN AND SMOOTH THE SOIL AND TO REMOVE SURFACE STONES LARGER THAN 2-IN IN DIAMETER.
- SLOPES MUST BE NO STEEPER THAN 2:1.
- LIME AND FERTILIZER MAY BE APPLIED SIMULTANEOUSLY WITH THE SEED. THE USE OF FIBER MULCH ON CRITICAL AREAS IS NOT RECOMMENDED UNLESS IT IS USED TO HOLD STRAW OR HAY. BETTER PROTECTION IS GAINED BY USING STRAW MULCH AND HOLDING IT WITH ADHESIVE MATERIALS OR 500-LB PER ACRE OF WOOD FIBER MULCH.
- SEEDING RATES MUST BE INCREASED 10% WHEN HYDROSEEDING.
- ALL PERMANENT SEEDING SHALL CONFORM TO SEED MIXTURE C PER TABLE 4-3 OF THE NEW HAMPSHIRE STORMWATER MANUAL, VOLUME 3. SEED MIXTURE C IS COMPOSED OF TALL FESCUE & CREEPING RED FESCUE APPLIED AT A RATE OF 20-LB PER ACRE OR 0.45-LB PER 1,000-SF, AND BIRDSFOOT TREFOLI APPLIED AT A RATE OF 8-LB PER ACRE OR 0.20-LB PER 1,000-SF.

PERMANENT SEEDING MIXTURE

SEED MIXTURE BASED ON SOIL TYPE

USE	MIX	SOIL DRAINAGE			
		WELL DRAINED	MOD WELL DRAINED	POORLY DRAINED	
STEEP CUTS & FILLS BORROW & DISPOSAL AREAS	A	FAIR	GOOD	GOOD	FAIR
	B	POOR	GOOD	FAIR	FAIR
	C	POOR	GOOD	EXCELLENT	GOOD
	D	FAIR	EXCELLENT	GOOD	EXCELLENT
	E	FAIR	EXCELLENT	EXCELLENT	POOR
WATERWAYS, EMERGENCY SPILLWAYS, & OTHER CHANNELS W/ FLOWING WATER	A	GOOD	GOOD	GOOD	FAIR
	C	GOOD	EXCELLENT	EXCELLENT	FAIR
	D	GOOD	EXCELLENT	EXCELLENT	FAIR
LIGHTLY USED PARKING LOTS, ODD AREAS, UNUSED LANDS & LOW INTENSITY USE RECREATIONAL SITES	A	GOOD	GOOD	GOOD	FAIR
	B	GOOD	GOOD	FAIR	POOR
	C	GOOD	EXCELLENT	EXCELLENT	FAIR
	D	FAIR	GOOD	GOOD	EXCELLENT
PLAY AREAS & ATHLETIC FIELDS (TOPSOIL IS ESSENTIAL FOR GOOD TURF)	F	FAIR	EXCELLENT	EXCELLENT	SEE NOTE 2
	G	FAIR	EXCELLENT	EXCELLENT	SEE NOTE 2
GRAVEL PITS	SEE SOURCE DOCUMENTS FOR RECOMMENDATION OR CONSULT WITH USDA NATURAL HERITAGE RESOURCE CONSERVATION SERVICE.				

SEED MIXTURE FOR PERMANENT VEGETATION

MIXTURE SPECIES	POUND / ACRE	POUND / 1,000-SF
C TALL FESCUE CREEPING RED FESCUE BIRDSFOOT TREFOLI	20-LB	0.45-LB
	20-LB	0.45-LB
	8-LB	0.20-LB
TOTAL	48-LB	1.10-LB

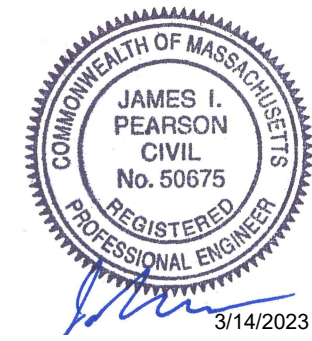
NOTES:

- REED CANARYGRASS IS ON THE INVASIVE SPECIES LIST DUE TO ITS RAPID, AGGRESSIVE GROWTH AND ITS ABILITY TO MOVE INTO WETLANDS AND OUT-COMPETE OTHER DESIRABLE WETLAND PLANTS. CAUTION SHOULD BE USED WHEN PLANTED NEAR WETLANDS.
- FOR HEAVY USE ATHLETIC FIELDS, CONSULT THE UNH CO-OP, EXTENSION TURF SPECIALIST FOR CURRENT VARIETIES AND SEEDING RATES.
- THE UNH CO-OP EXTENSION RECOMMENDS RED CLOVER TO SUBSTITUTE FOR CROWN VETCH OR BIRDSFOOT TREFOLI IF THEY ARE GOING TO BE MOWED TO A HEIGHT OF 4-IN OR LESS, RED CLOVER (ALISKE VARIETY) SHOULD BE SEEDED AT A RATE OF 10-LB PER ACRE.
- SEED MIXTURE C IS RECOMMENDED FOR USE ON THIS SITE.

AOT PERMIT (ENV-WQ 1503.33) WILDLIFE PROTECTION NOTES

- BLANDING'S TURTLE (STATE ENDANGERED) OCCUR WITHIN THE VICINITY OF THE PROJECT AREA. ALL OPERATORS AND PERSONNEL WORKING ON OR ENTERING THE SITE SHALL BE MADE AWARE OF THE POTENTIAL PRESENCE OF THESE SPECIES AND SHALL BE PROVIDED FLYERS THAT HELP TO IDENTIFY THESE SPECIES, ALONG WITH NEW HAMPSHIRE FISH AND GAME (NHFG) CONTACT INFORMATION.
- RARE SPECIES INFORMATION (E.G. IDENTIFICATION, OBSERVATION AND REPORTING OF OBSERVATIONS, WHEN TO CONTACT NHFG IMMEDIATELY AND NHFG CONTACT INFORMATION) SHALL BE COMMUNICATED DURING MORNING TAILGATE MEETINGS PRIOR TO WORK COMMENCEMENT DURING THE CONSTRUCTION PHASE OF THE PROJECT. SEE SPECIFICATIONS SECTION 01 57 19 - ENVIRONMENTAL PROTECTION FOR NHFG INFORMATION FLYER.
- TURTLES MAY BE ATTRACTED TO DISTURBED GROUND DURING NESTING SEASON (MAY 15TH - JUNE 30TH). ALL TURTLE SPECIES NESTS ARE PROTECTED BY NH LAWS. IF A NEST IS OBSERVED OR SUSPECTED, OPERATORS SHALL CONTACT MELISSA WINTERS (603-479-1129) OR JOSH MEGYESY (978-578-0802) AT NHFG IMMEDIATELY FOR FURTHER CONSULTATION.
- ALL MANUFACTURED EROSION AND SEDIMENT CONTROL PRODUCTS, WITH THE EXCEPTION OF TURF REINFORCEMENT MATS, UTILIZED FOR, BUT NOT LIMITED TO, SLOPE PROTECTION, RUNOFF DIVERSION, SLOPE INTERRUPTION, PERIMETER CONTROL, INLET PROTECTION, CHECK DAMS, AND SEDIMENT TRAPS SHALL NOT CONTAIN PLASTIC, OR MULTIFILAMENT OR MONOFILAMENT POLYPROPYLENE NETTING OR MESH WITH AN OPENING SIZE OF GREATER THAN 1/8 INCHES.
- ALL OBSERVATIONS OF THREATENED OR ENDANGERED SPECIES ON THE PROJECT SITE SHALL BE REPORTED IMMEDIATELY TO THE NHFG NONGAME AND ENDANGERED WILDLIFE ENVIRONMENTAL REVIEW PROGRAM BY PHONE AT 603-271-2481 AND BY EMAIL AT NHFGREVIEW@WILDLIFE.NH.GOV, WITH THE EMAIL SUBJECT LINE CONTAINING THE NH DATA CHECK TOOL RESULTS LETTER ASSIGNED NUMBER, THE PROJECT NAME, AND THE TERM WILDLIFE SPECIES OBSERVATION.
- PHOTOGRAPHS OF THE OBSERVED SPECIES AND NEARBY ELEMENTS OF HABITAT OR AREAS OF LAND DISTURBANCE SHALL BE PROVIDED TO NHFG IN DIGITAL FORMAT AT THE ABOVE EMAIL ADDRESS FOR VERIFICATION, AS FEASIBLE.
- IN THE EVENT A THREATENED OR ENDANGERED SPECIES IS OBSERVED ON THE PROJECT SITE DURING THE TERM OF THE PERMIT, THE SPECIES SHALL NOT BE DISTURBED, HANDLED, OR HARMED IN ANY WAY PRIOR TO CONSULTATION WITH NHFG AND IMPLEMENTATION OF CORRECTIVE ACTIONS RECOMMENDED BY NHFG.
- NHFG, INCLUDING ITS EMPLOYEES AND AUTHORIZED AGENTS, SHALL HAVE ACCESS TO THE PROPERTY DURING THE TERM OF THE PERMIT.

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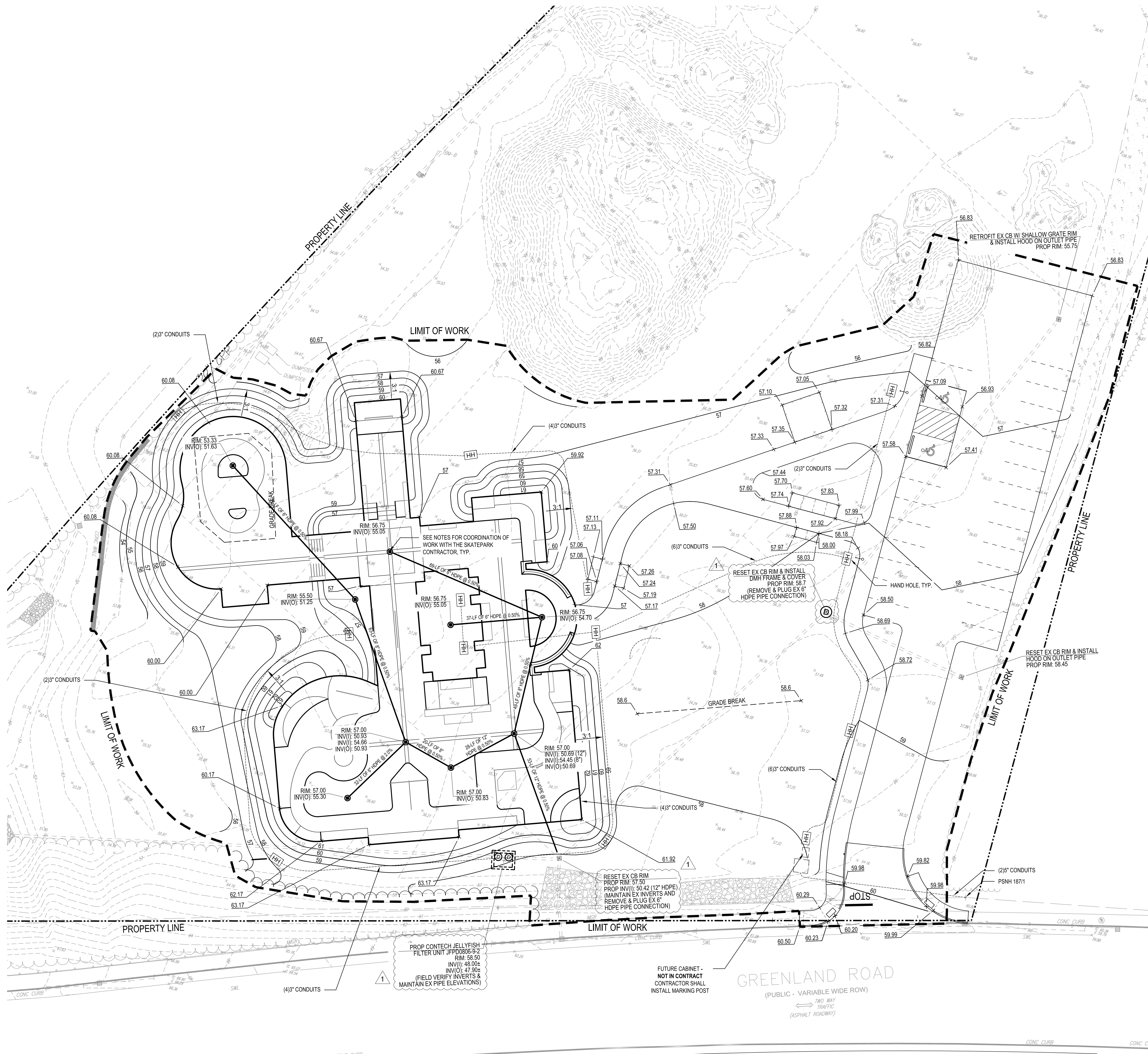
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DRAWN BY: KC
REVIEWED BY: BK
APPROVED BY:
DATE: 03/13/2023
03/14/23

PROJECT:
PORTSMOUTH SKATEPARK
PORTSMOUTH, NEW HAMPSHIRE
SHEET TITLE:
GENERAL NOTES
BID DOCUMENTS

SHEET:
L002
SKATE PARK



LEGEND

- LIMIT OF WORK
- PROPERTY LINE
- EXISTING DRAINAGE STRUCTURE. SEE UTILITIES PLAN
- EXISTING CONTOURS
- PROPOSED CONTOURS
- EXISTING SPOT ELEVATION
- PROPOSED SUBGRADE ELEVATION
- PROPOSED SLOPE
- PROPOSED HANDHOLD ELECTRICAL
- PROPOSED CONDUIT
- CATCH BASIN OR PVC AREA DRAIN. REFER TO PLANS
- HDPE OR PVC SOLID DRAIN PIPE, DIAMETER VARIES
- GRADE BREAK



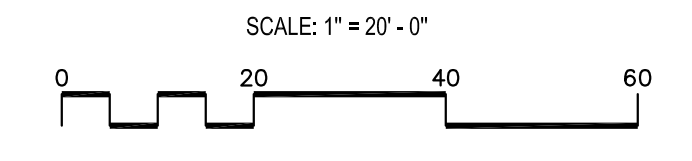
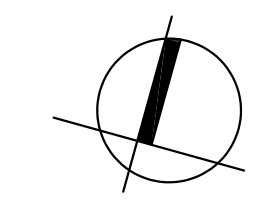
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DRAWN BY: KC
REVIEWED BY: BK
APPROVED BY:
DATE: 03/01/23

NOTES:

1. THE GENERAL CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL DRAINAGE STRUCTURES WITHIN THE SKATEPARK WITH THE SKATEPARK CONTRACTOR. THE GENERAL CONTRACTOR SHALL STUB THE INLET PIPE ABOVE THE RIM ELEVATIONS. SKATEPARK CONTRACTOR SHALL INSTALL INLET GRATE.
2. ELECTRICAL CONDUIT LAYOUT AND HAND HOLE LOCATIONS ARE DIAGRAMMATIC ONLY. THE EXACT LOCATION AND ROUTING OF RACEWAYS SHALL BE COORDINATED AND DETERMINED IN THE FIELD.
3. ALL WORK ASSOCIATED WITH THE ELECTRICAL CONDUITS, PULL STRINGS, HAND HOLES, TRENCHING, ETC. SHALL CONFORM TO THE LATEST NEW HAMPSHIRE ELECTRICAL CODE AND CITY OF PORTSMOUTH STANDARDS.
4. ALL CUTTING AND PATCHING REQUIRED FOR ELECTRICAL WORK SHALL BE INCLUDED WITHIN THE SCOPE OF WORK.
5. ELECTRICAL CONDUIT RUNS AND HAND HOLES SHALL BE COORDINATED WITH DRAINAGE SYSTEM, GEOSYNTHETIC AND GRAVEL BORROW STRUCTURAL FILL.
6. HAND HOLE LOCATIONS ARE APPROXIMATE AND FOR BIDDING PURPOSES ONLY. AWARDED CONTRACTOR WILL BE PROVIDED WITH LOCATIONS OF FUTURE SKATEPARK LIGHT FIXTURE LOCATIONS FOR COORDINATION PURPOSES.
7. CONTRACTOR IS REQUIRED UNDER THE BASE BID TO INCLUDE COMPLETE INSTALLATION OF AN "EMPTY" SYSTEM INCLUDING UNDERGROUND CONDUITS, HAND HOLES, PULL STRINGS AND ANY NECESSARY LIGHTING COMPONENTS THROUGHOUT THE PROJECT SITE AS INDICATED ON THE PLANS AND SPECIFICATIONS.
8. PROVIDE AS-BUILT "CADD" DRAWINGS AT THE COMPLETION OF THE PROJECT.



PROJECT: PORTSMOUTH SKATEPARK
PORTSMOUTH, NEW HAMPSHIRE
SHEET TITLE: GRADING, DRAINAGE AND UTILITIES PLAN
BID DOCUMENTS

SHEET: L140
SKATE PARK



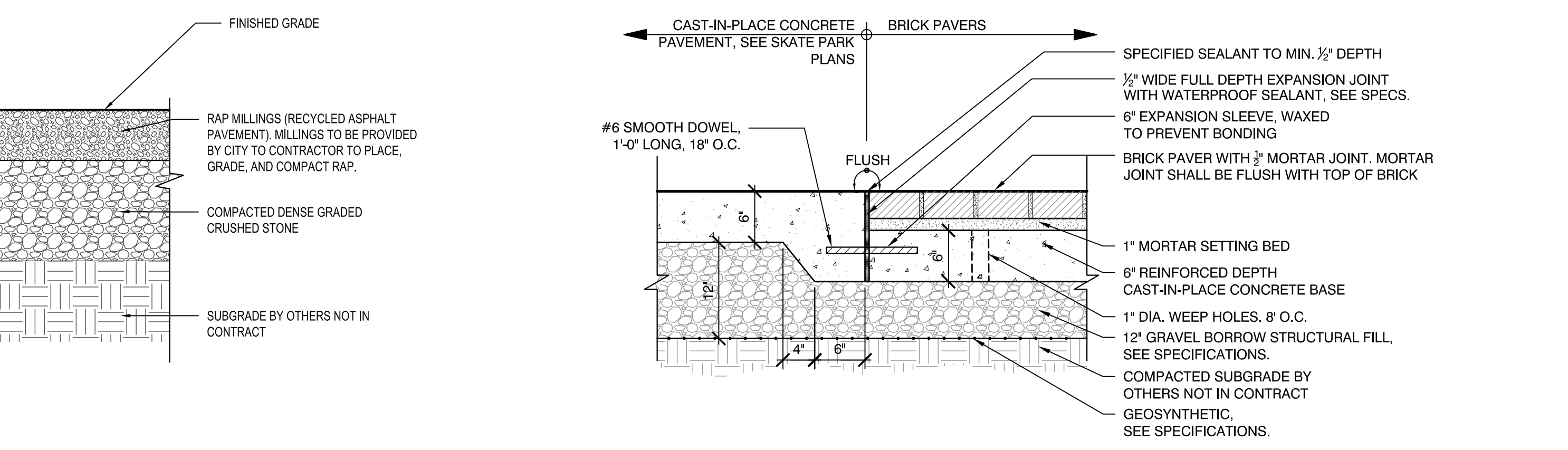
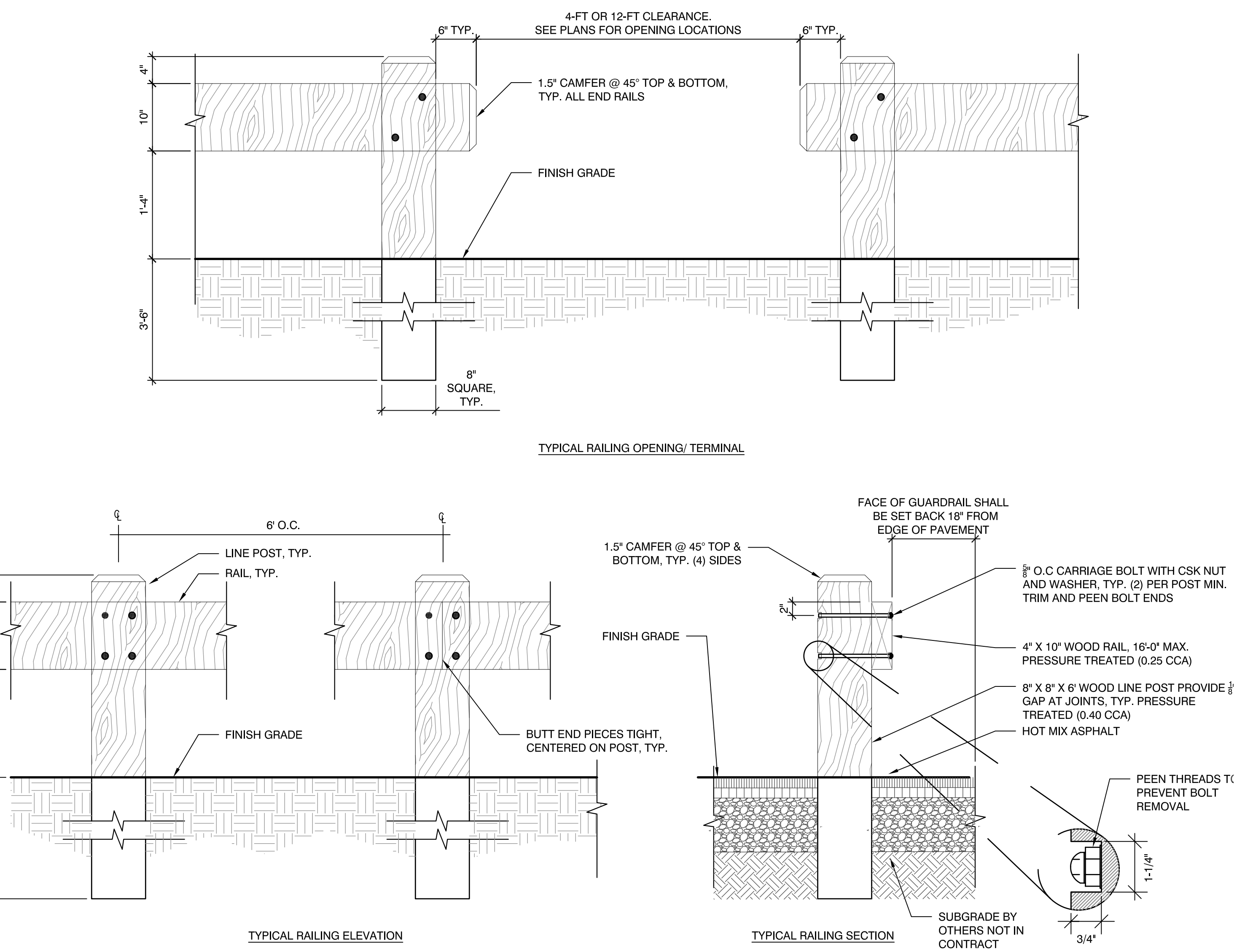
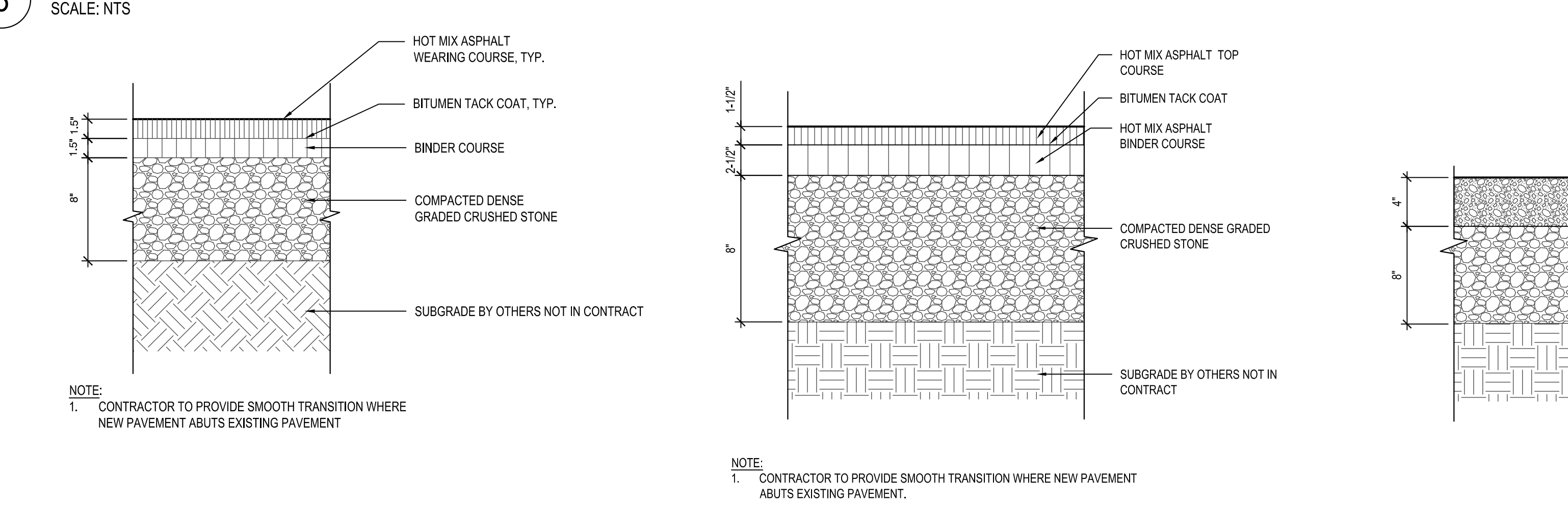
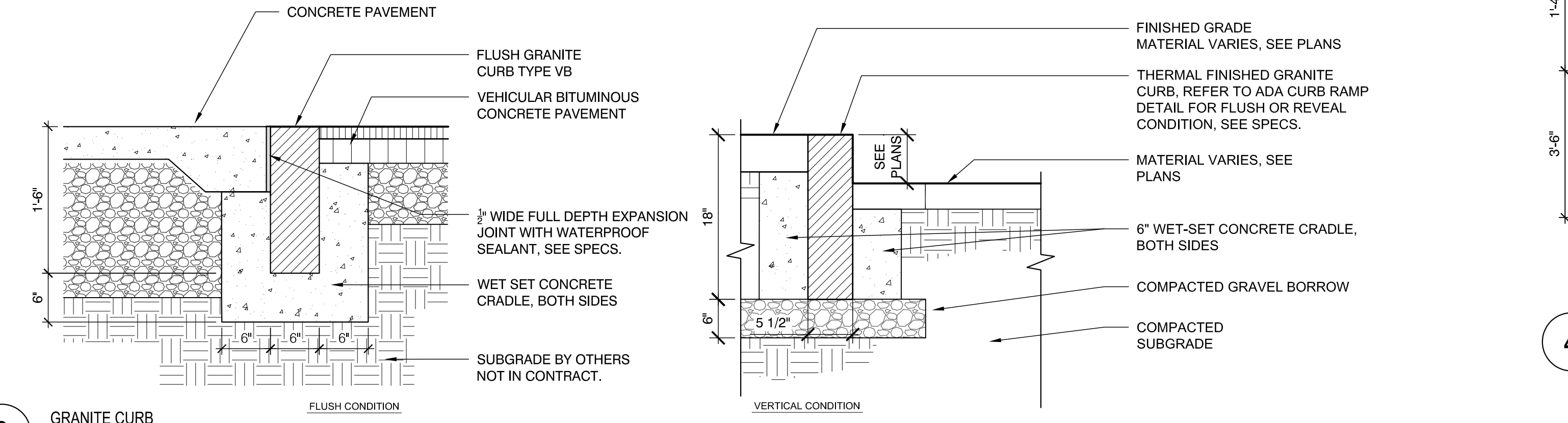
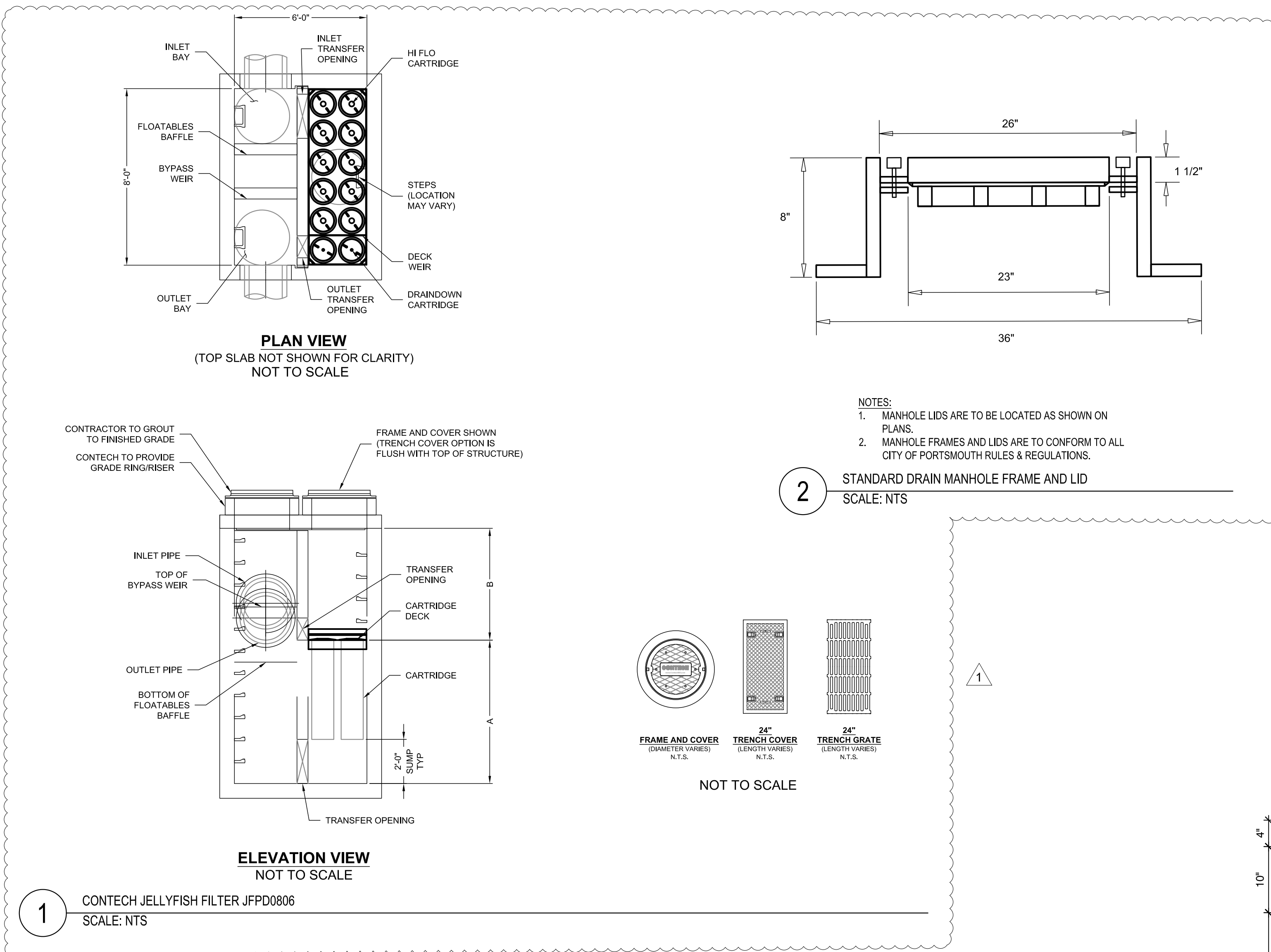
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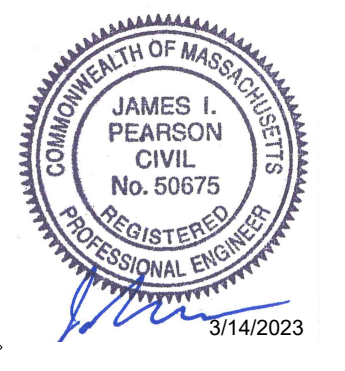
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DRAWN BY: KC
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APPROVED BY:
DATE: 03/01/23
03/14/23

PROJECT: PORTSMOUTH SKATEPARK
PORTSMOUTH, NEW HAMPSHIRE
SHEET TITLE: CONSTRUCTION DETAILS
CONSTRUCTION DETAILS

SHEET: L501
SKATE PARK



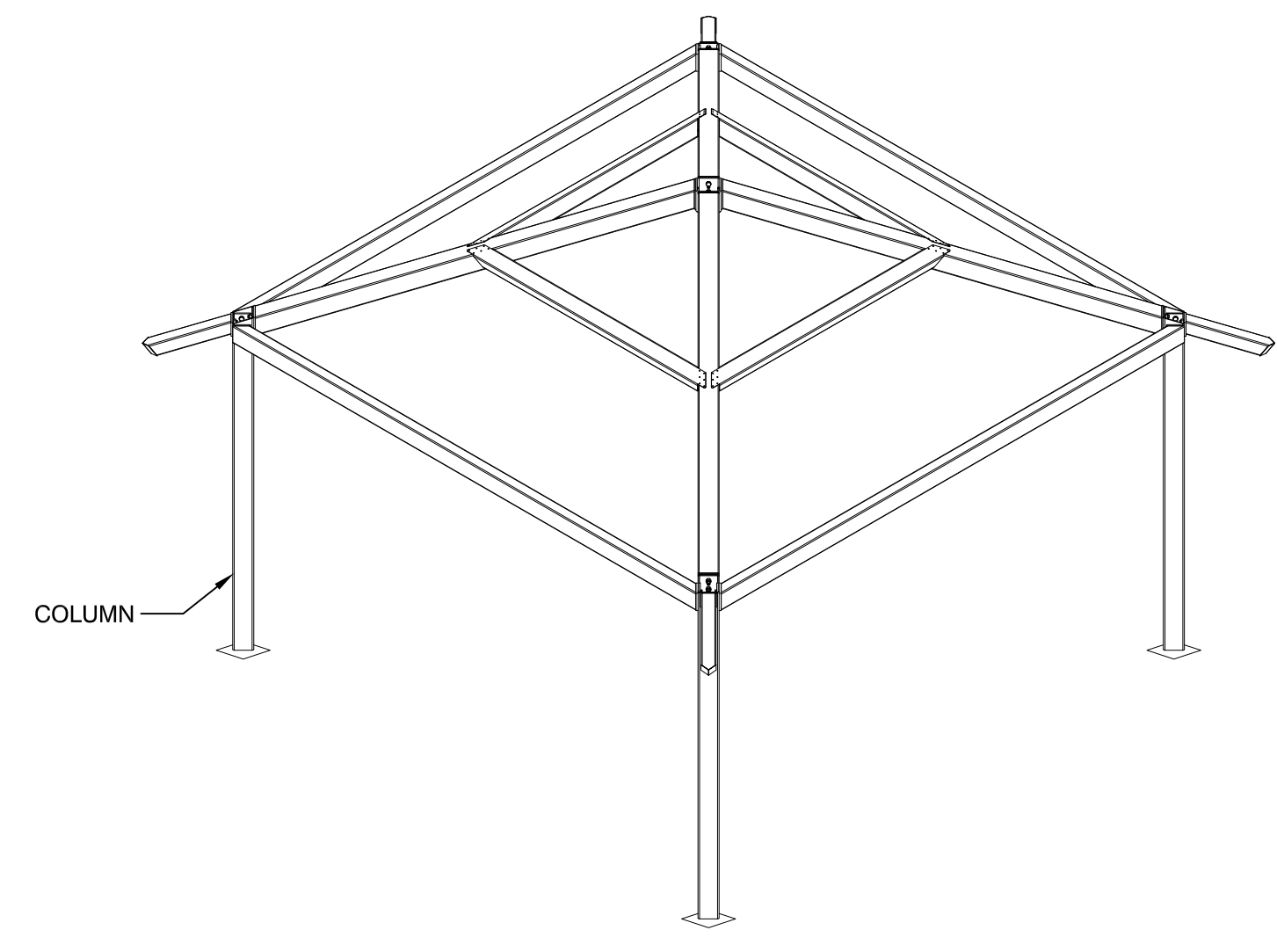
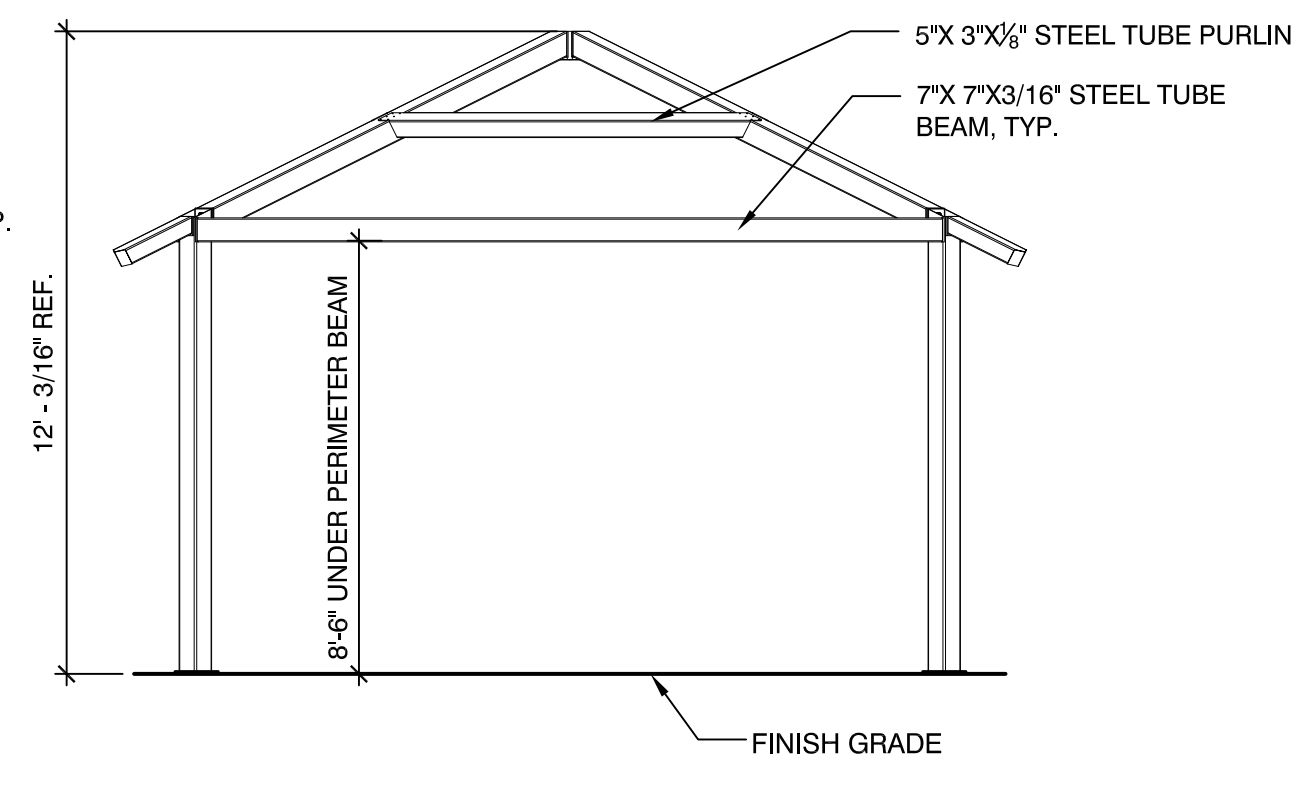
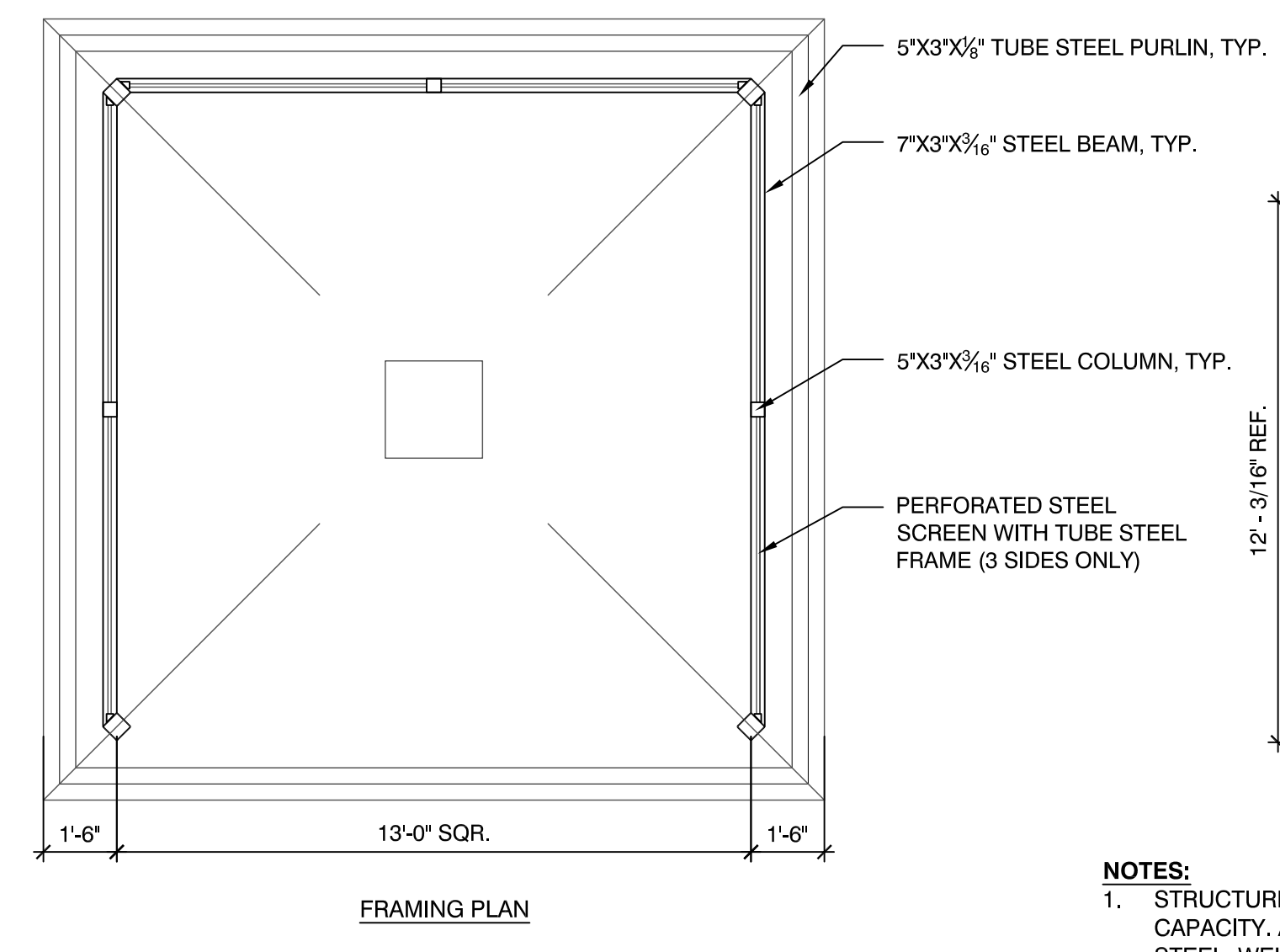
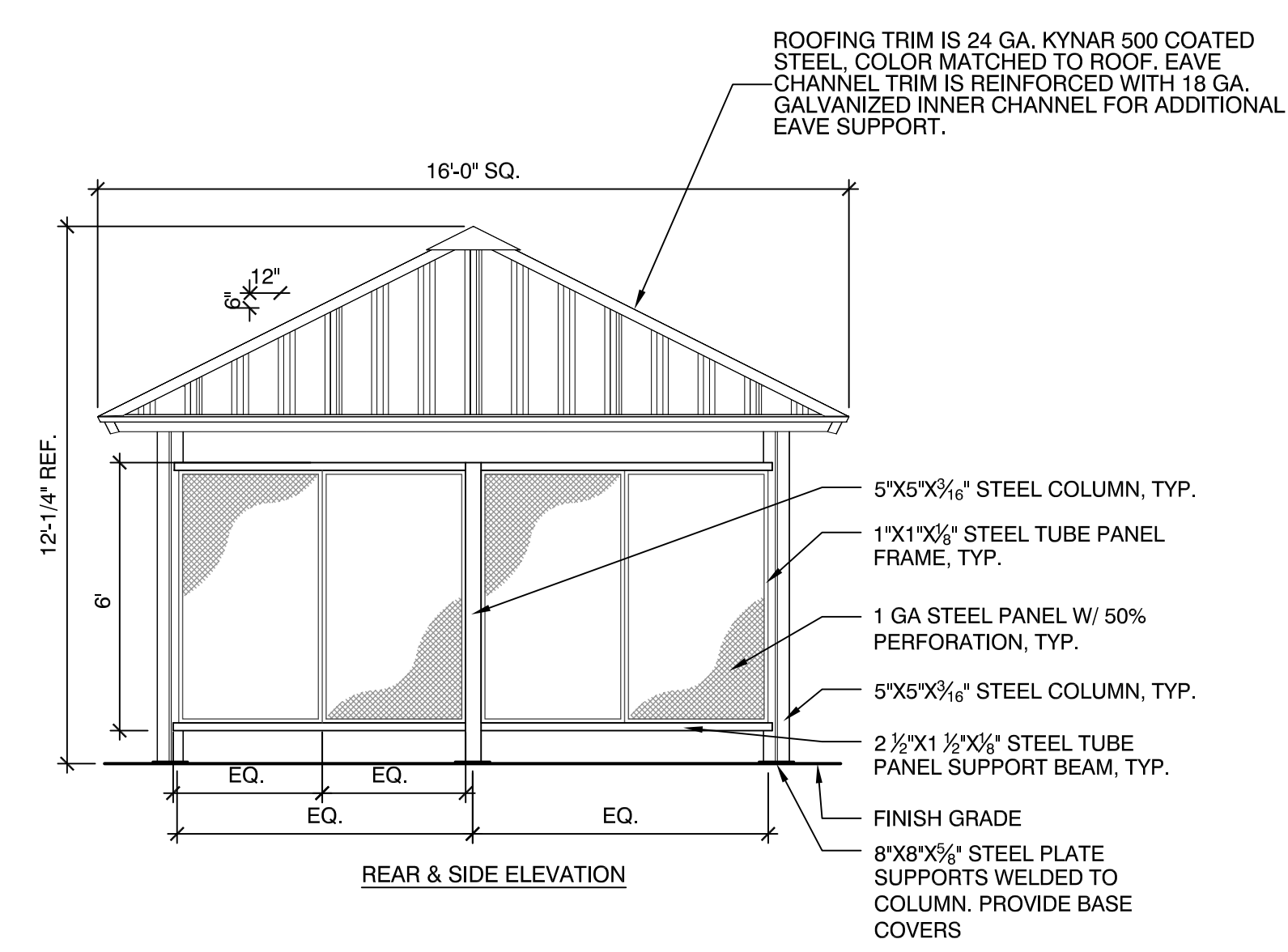
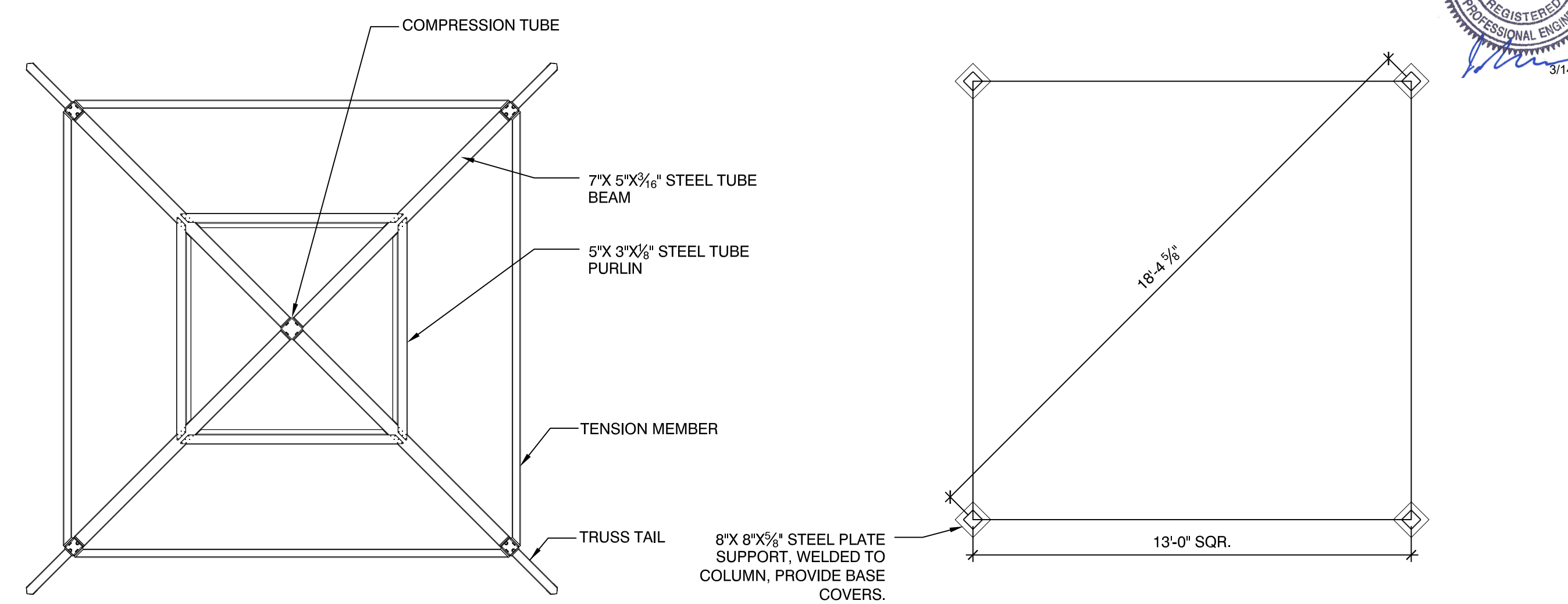


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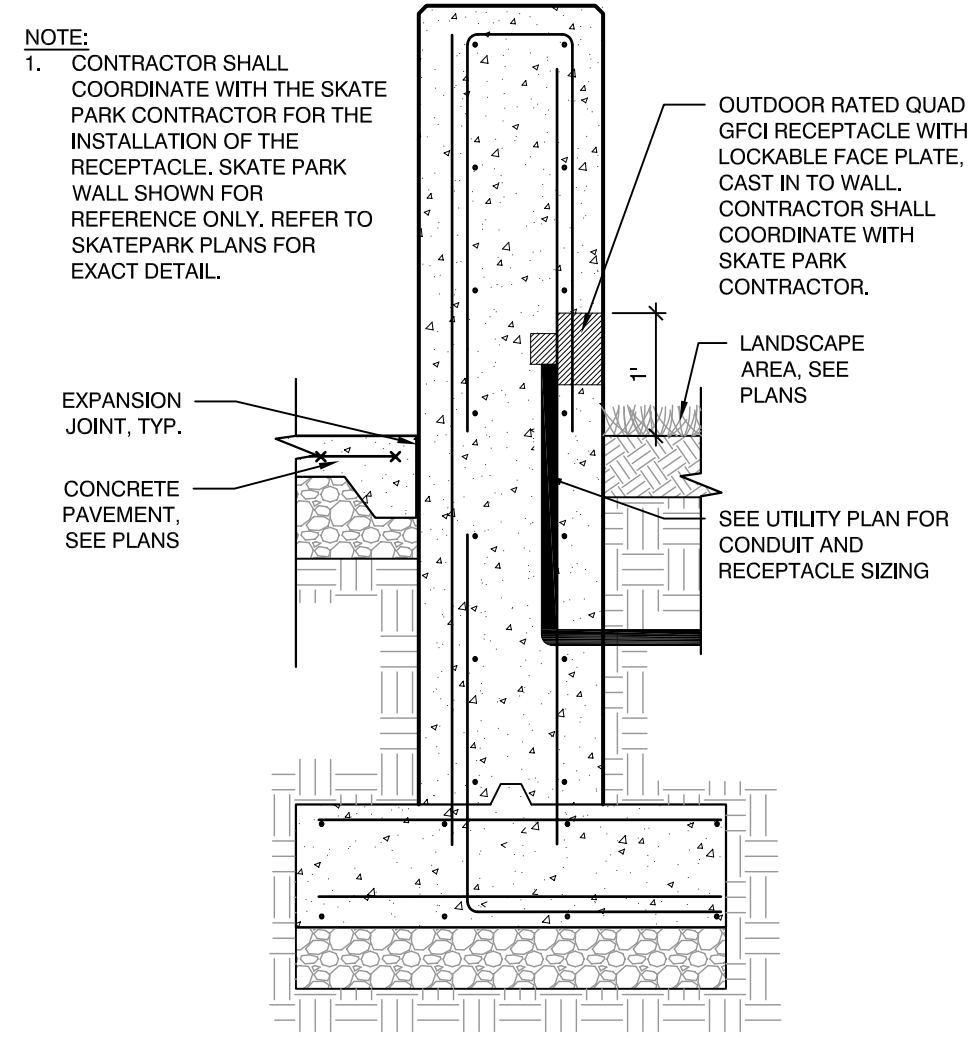
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PROJECT: PORTSMOUTH SKATEPARK
PORTSMOUTH, NEW HAMPSHIRE
SHEET TITLE: CONSTRUCTION DETAILS
SHEET: L504
SKATE PARK

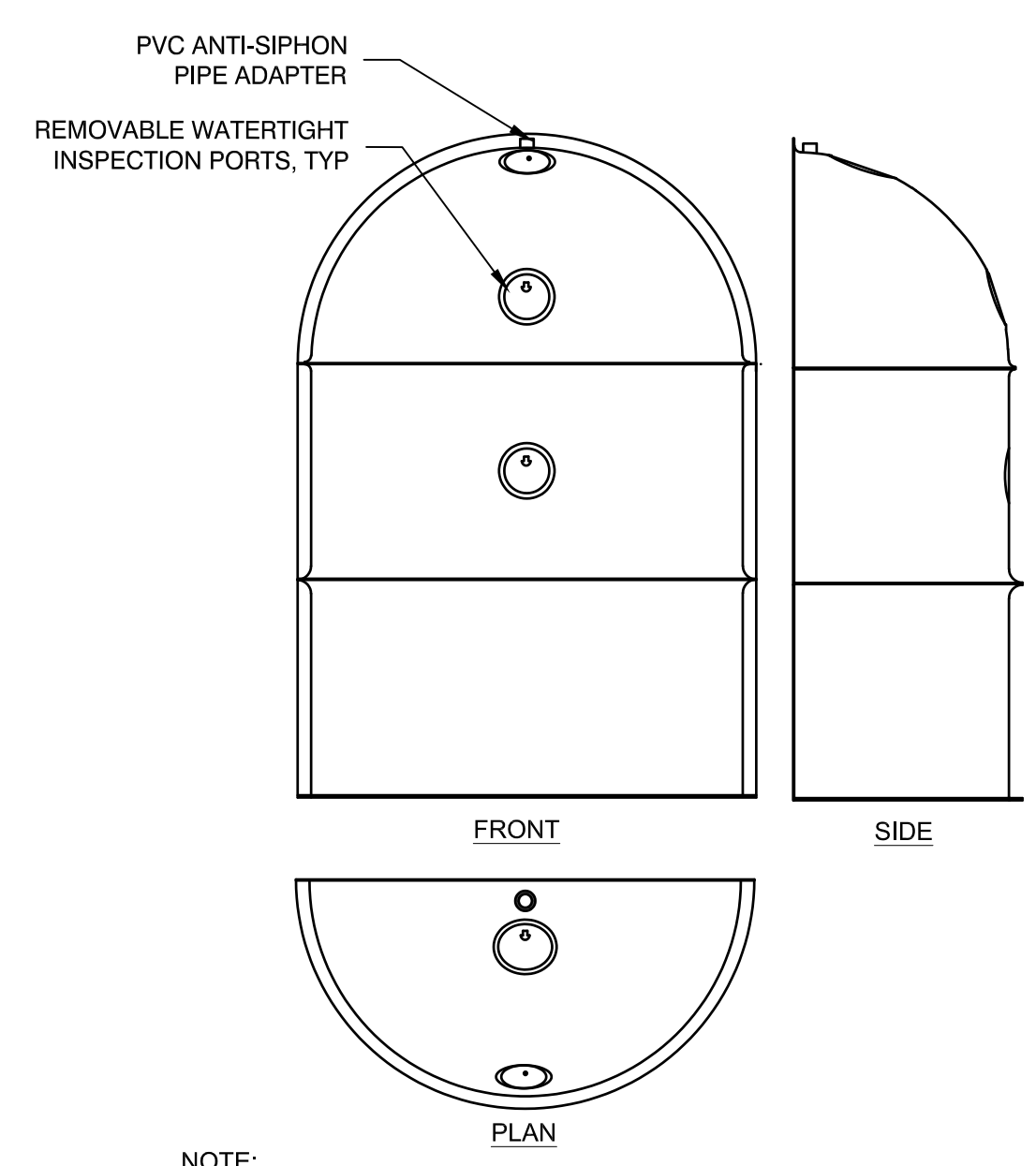


- NOTES:**
- STRUCTURE SHALL BE DESIGNED FOR 25 LBS LIVE LOAD AND 90 MPH WIND LOAD CAPACITY. ALL STRUCTURAL MEMBERS SHALL BE ASTM-A-500 U.S. GRADE B STEEL. WELDED CONNECTION PLATES SHALL BE ASTM A-36 HOT ROLLED STEEL. WELDING SHALL ADHERE TO AWS AND ASTM STANDARDS.
 - ALL FRAMING CONNECTIONS SHALL BE MADE WITH A325 GRADE BOLTS AND SCREEN PANELS
 - ALL STEEL FRAME WORK AND SCREEN PANELS SHALL RECEIVE TGIC POLYESTER POWDER COAT FINISH. COLOR SHALL BE SELECTED BY OWNER'S REP.

1 SHADE SHELTER WITH SCREENED WALLS
SCALE: NTS



2 RECEPTACLE AT SKATEPARK WALL
SCALE: NTS



3 TYPICAL CATCH BASIN HOODED OUTLET
SCALE: NTS

- NOTE:**
- HOODED CATCH BASIN OUTLET SHALL BE A BMP INC. SNOOUT HOODED OUTLET OR APPROVED EQUAL.