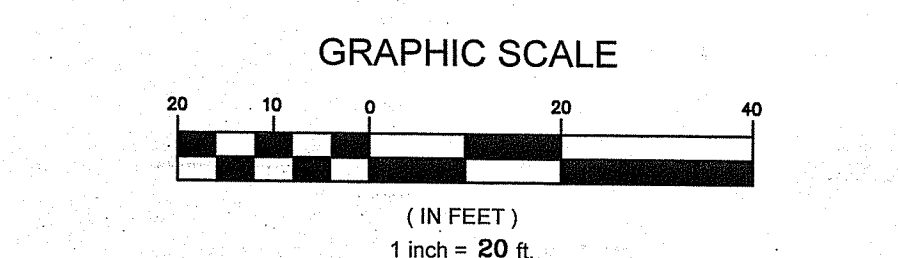


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RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS AS
SPECIFIED IN THE LETTER OF APPROVAL
DATED: MAR 01 2023 FILE #: 22-0483
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

- NOTES:
- AREA "A" *Nancy L. Freeman*
- EXISTING CAMP SITES ON THE EASTERLY SIDE OF THE DRIVEWAY (SITES 51-57) TO BE ABANDONED AND ALLOWED TO REVEGETATE NATURALLY TO THE LIMITS SHOWN.
 - RECONFIGURE AREA OF EXISTING CAMP SITES 58-62 TO NEW CAMP SITES 58-64 AS SHOWN.
- AREA "B"
- EXISTING CAMP SITES ON THE EASTERLY SIDE OF THE DRIVEWAY (SITES 17-24) TO BE ABANDONED AND ALLOWED TO REVEGETATE NATURALLY TO THE LIMITS SHOWN.
 - RECONFIGURE AREA OF EXISTING CAMP SITES 10-16 TO NEW CAMP SITES 10-19 AS SHOWN.



No.	Revision	Date	App.
1	RIDEM COMMENTS	08FEB23	

Designed By: JCC Drawn by: JCC Checked by: GES
Scale: 1" = 20' Date: SEPTEMBER 28, 2022

Project Title:
**A.P. 43, LOT 1A
NEWPORT RV PARK
181 BRADFORD AVENUE
PORTSMOUTH, RHODE ISLAND**

Client/Owner:
**NEWPORT RV PARK
181 BRADFORD AVENUE
PORTSMOUTH, RI**

Issued for:
**PERMITTING
Environmental Management**

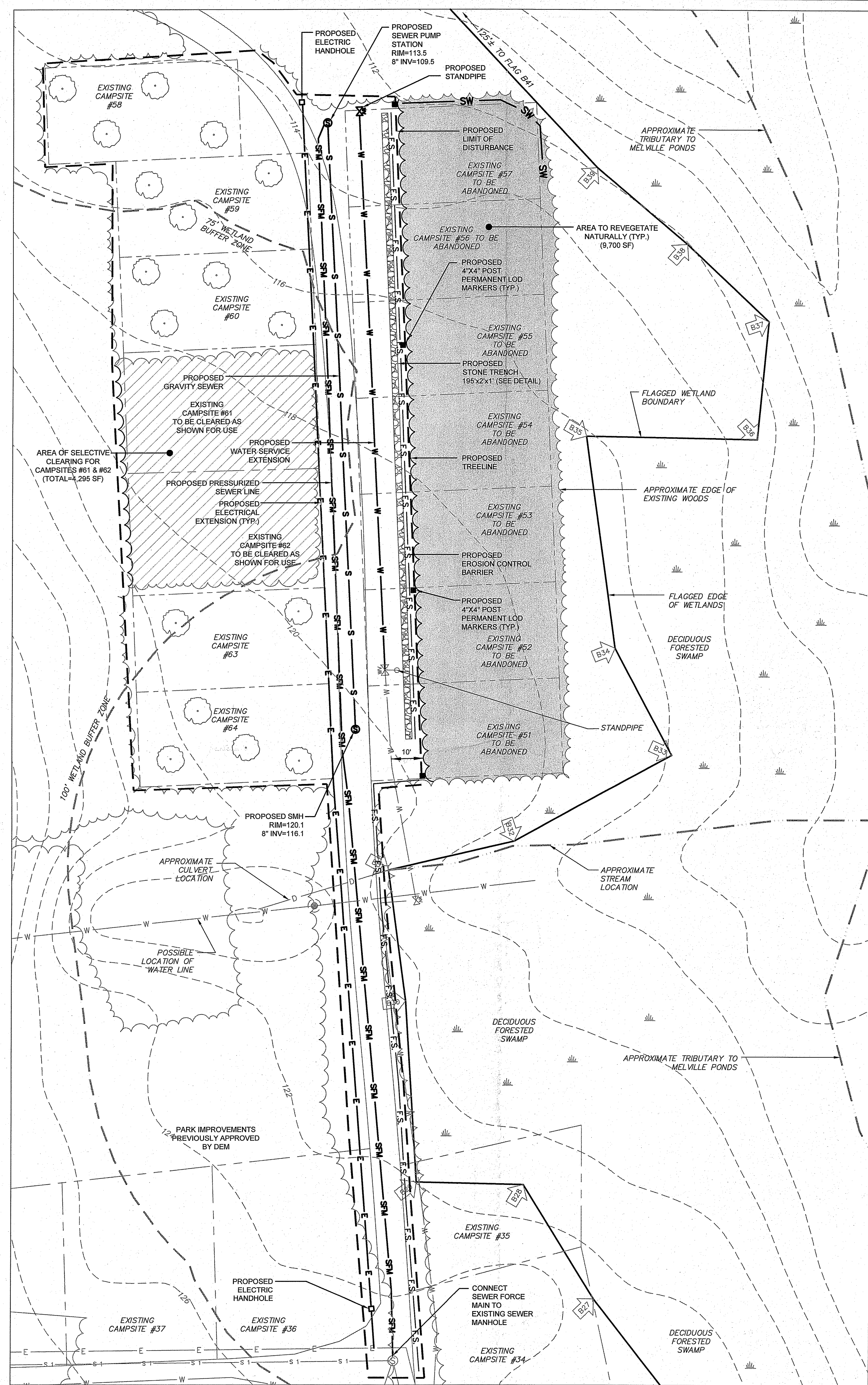
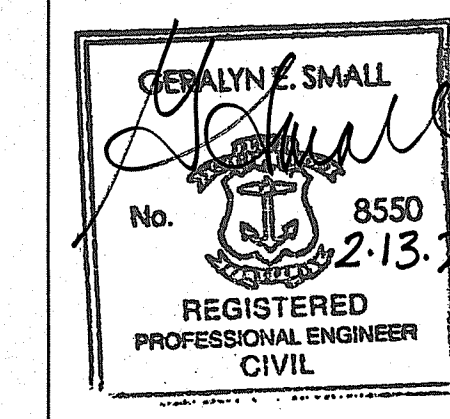
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**FEB 16 2023
Office of Water Resources**

CAMPGROUND IMPROVEMENTS

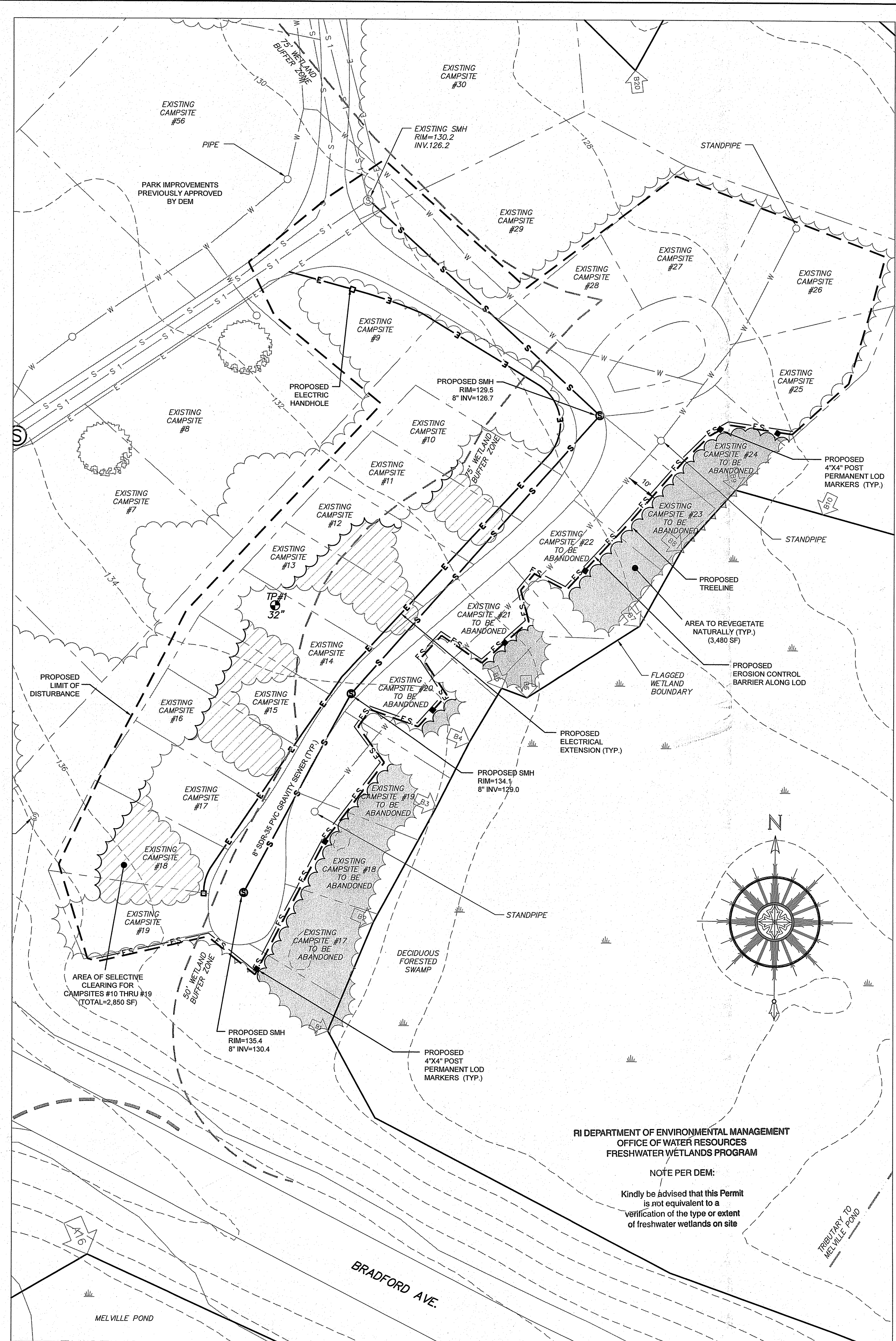
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C-1

Sheet 1 of 2
Project Number:
15190.0
Survey Index:

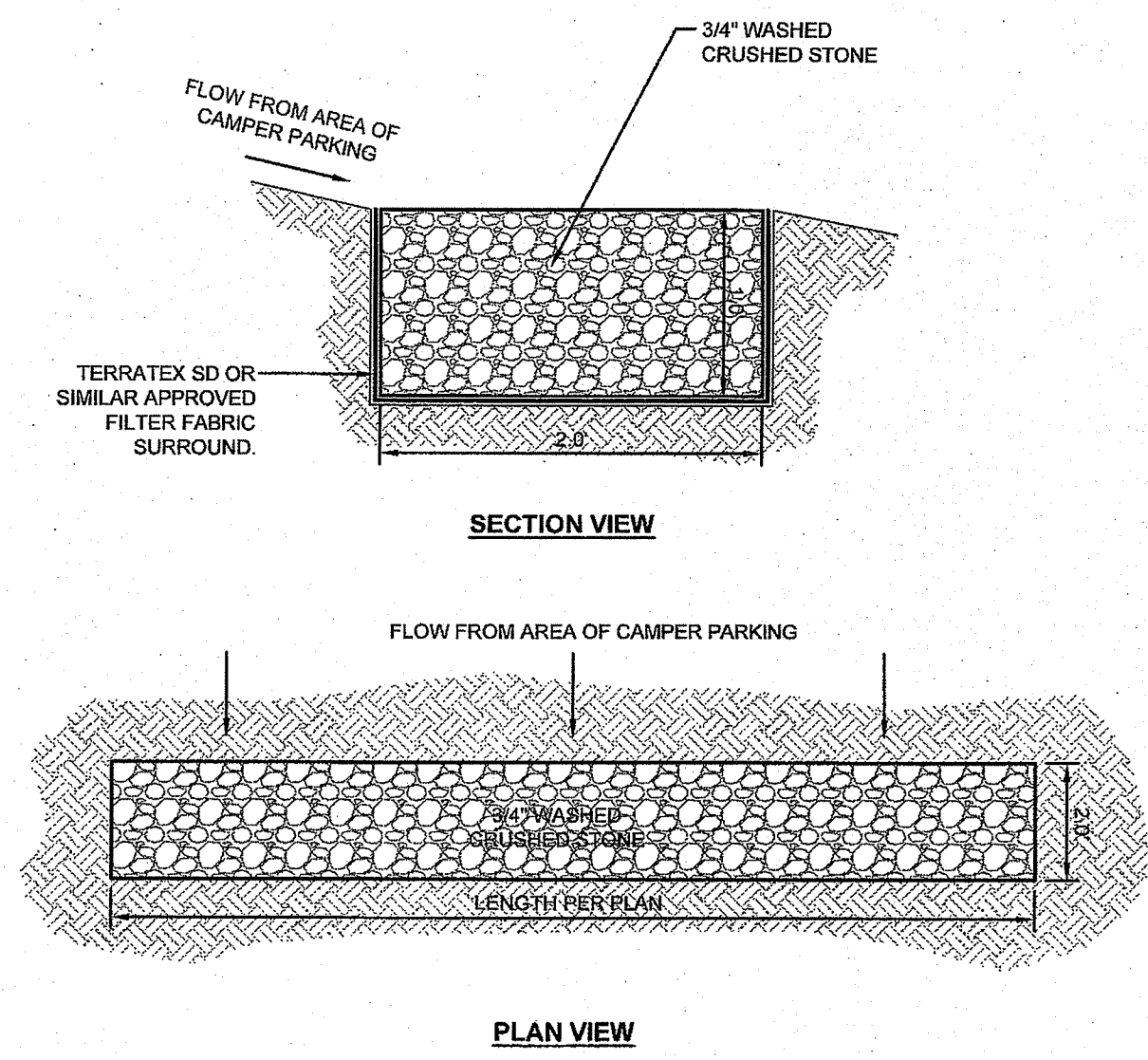
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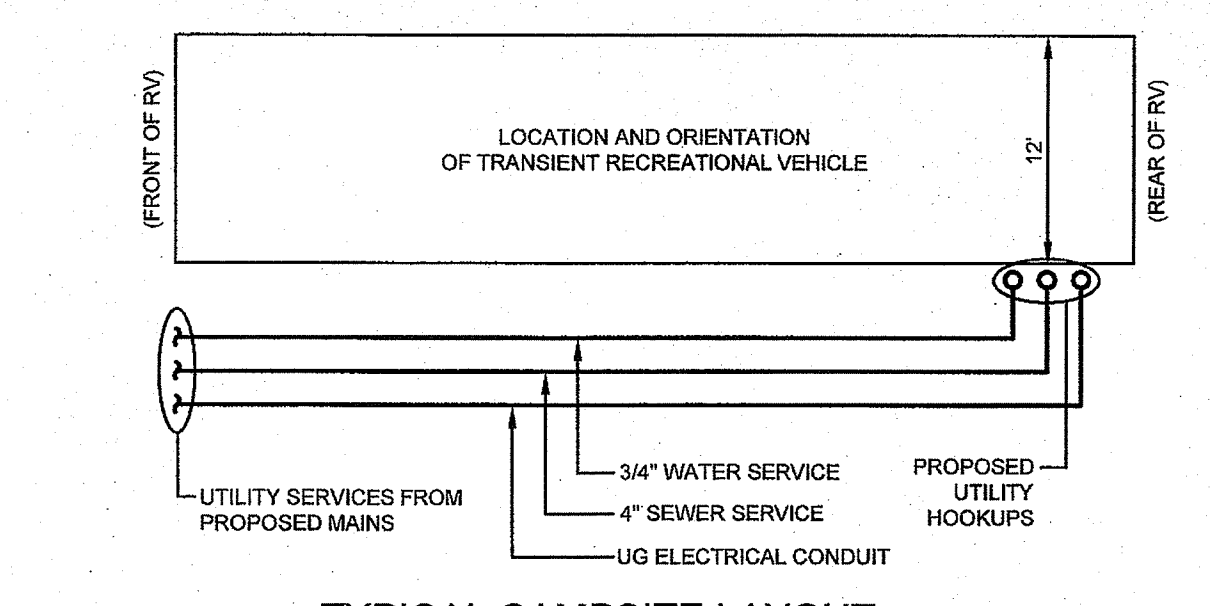
IMPROVEMENT AREA "A"
EXISTING CAMP SITES 52 - 61



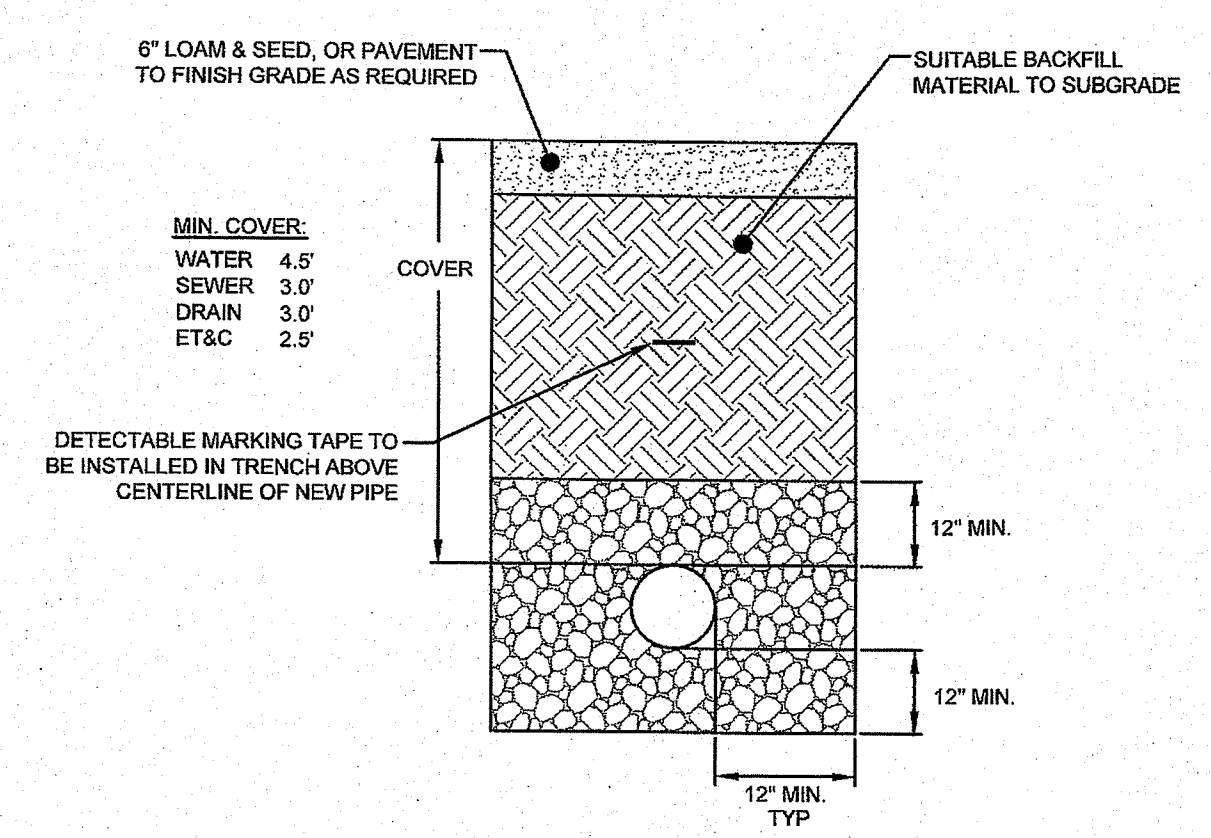
IMPROVEMENT AREA "B"
EXISTING CAMP SITES 10 - 28



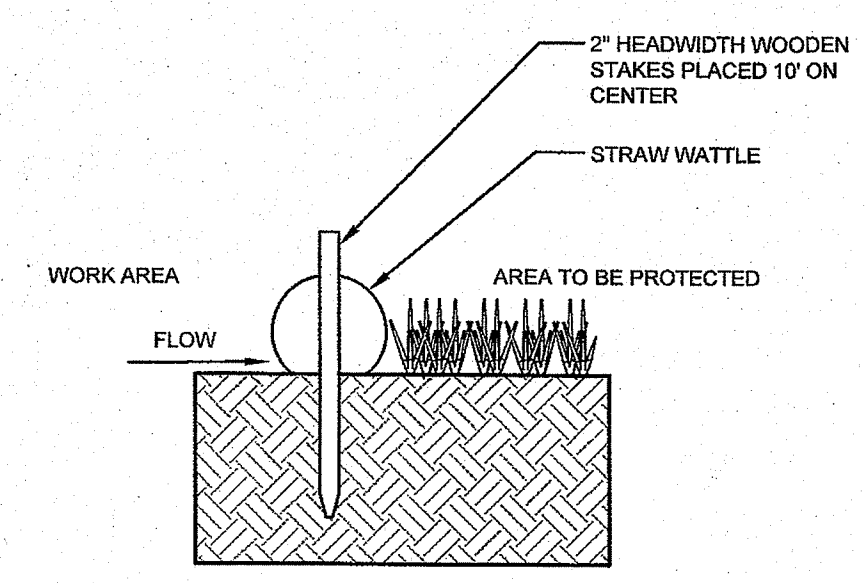
STONE INFILTRATION TRENCH
SCALE: NOT TO SCALE



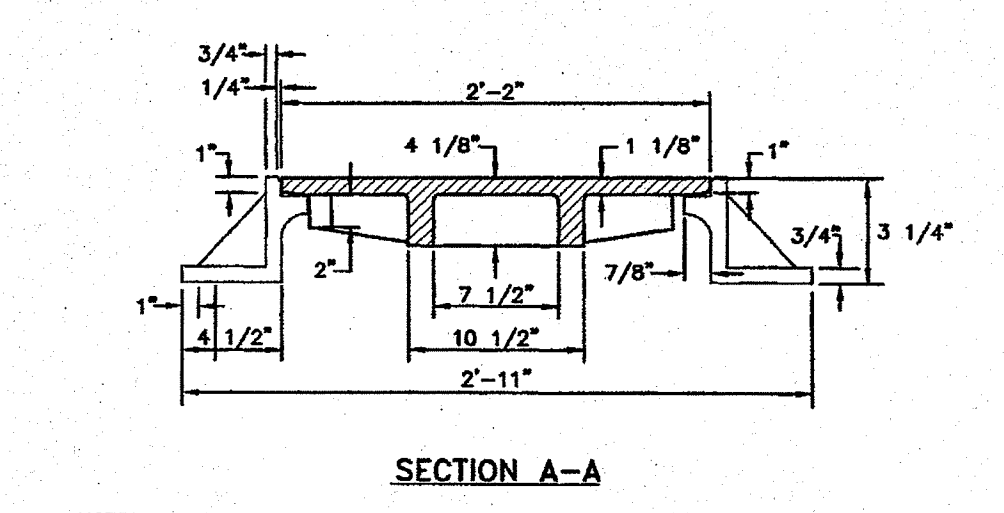
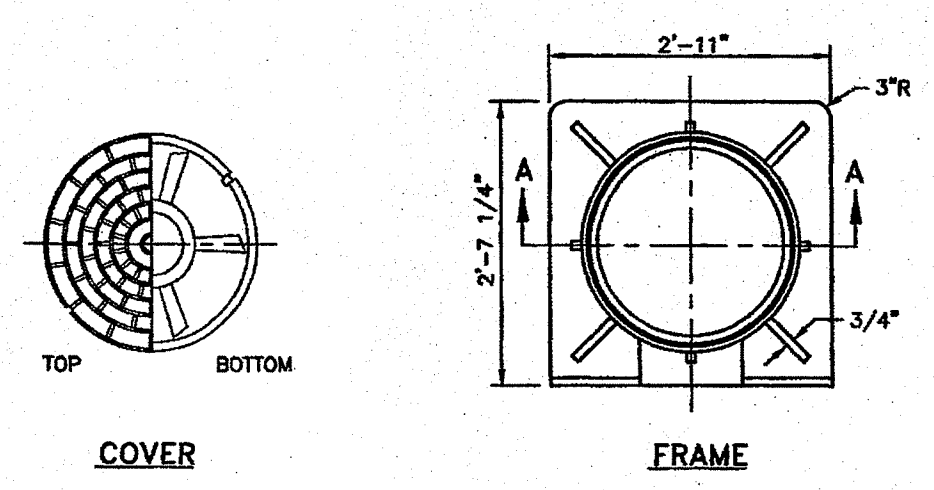
TYPICAL CAMPSITE LAYOUT
SCALE: NOT TO SCALE



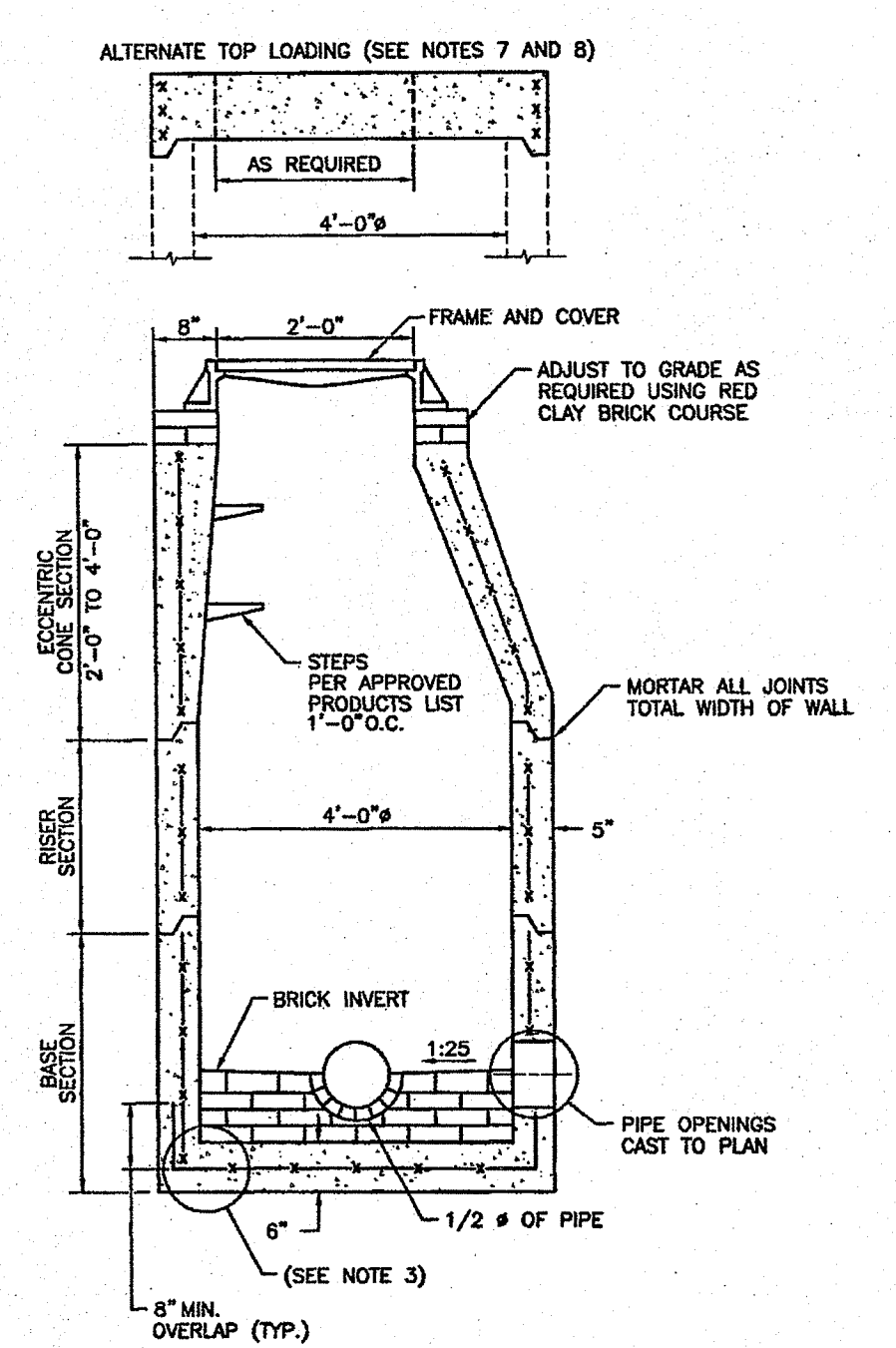
UTILITY TRENCH DETAIL
SCALE: NOT TO SCALE



STRAW WATTLE DETAIL
SCALE: NOT TO SCALE



HEAVY DUTY SQUARE FRAME AND ROUND COVER (RIDOT 6.1.1)
SCALE: NOT TO SCALE



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- GRADING NOTES**
- ADEQUATE PROVISIONS SHALL BE MADE TO PREVENT SURFACE WATERS FROM DAMAGING THE CUT FACE OF AN EXCAVATION OR THE SLOPED SURFACES OF A FILL. FURTHERMORE, ADEQUATE PROVISIONS SHALL BE MADE TO PREVENT SEDIMENT RUNOFF FROM LEAVING THE SITE.
 - ALL GRADED AREAS SHALL BE SODDED OR PLANTED IMMEDIATELY AFTER THE GRUBBING WORK HAS BEEN COMPLETED.
 - THE TOWN SHALL BE INFORMED OF THE LOCATION OF THE DISPOSAL SITE, IF ANY, FOR THE PROJECT.
 - NO GRADING WORK SHALL BE DONE ON SATURDAYS, SUNDAYS AND HOLIDAYS AT ANY TIME WITHOUT PRIOR NOTICE TO THE TOWN, PROVIDED SUCH GRADING WORK IS ALSO IN CONFORMANCE WITH THE COMMUNITY NOISE CONTROL STANDARDS.
 - THE LIMITS OF THE AREA TO BE GRADED SHALL BE FLAGGED BEFORE THE COMMENCEMENT OF THE GRADING WORK.
 - ALL GRADING OPERATIONS SHALL BE PERFORMED IN CONFORMANCE WITH THE APPLICABLE PROVISIONS OF THE DEPARTMENT OF ENVIRONMENTAL MANAGEMENT AND THE TOWN.
 - WHERE APPLICABLE AND FEASIBLE THE MEASURES TO CONTROL EROSION AND OTHER POLLUTANTS SHALL BE IN PLACE BEFORE GRADING WORK IS INITIATED.
 - TEMPORARY EROSION CONTROLS SHALL NOT BE REMOVED BEFORE PERMANENT EROSION CONTROLS ARE IN-PLACE AND ESTABLISHED.
 - IF THE GRADING WORK INVOLVES CONTAMINATED SOIL, THEN ALL GRADING WORK SHALL BE DONE IN CONFORMANCE WITH APPLICABLE STATE AND FEDERAL REQUIREMENTS.
 - NONCOMPLIANCE TO ANY OF THE ABOVE REQUIREMENTS SHALL MEAN IMMEDIATE SUSPENSION OF ALL WORK, AND REMEDIAL WORK SHALL COMMENCE IMMEDIATELY. ALL COSTS INCURRED SHALL BE BILLED TO THE VIOLATOR. FURTHERMORE, VIOLATORS SHALL BE SUBJECT TO ADMINISTRATIVE, CIVIL AND/OR CRIMINAL PENALTIES.

- UTILITY NOTES**
- THE LOCATIONS OF PROPOSED ELECTRICAL CONDUIT AND CONNECTION TO THE EXISTING OVERHEAD SERVICES ARE PRELIMINARY. FINAL DESIGN OF THE ELECTRICAL SERVICES ARE SUBJECT TO DESIGN REVIEW AND APPROVAL OF NATIONAL GRID.
 - THE LOCATIONS OF WATER LINES AND SERVICES ARE PRELIMINARY AND SUBJECT TO REVIEW AND APPROVAL BY PORTSMOUTH FIRE AND WATER DISTRICT.
 - ELECTRIC SERVICES SHALL BE INSTALLED UNDERGROUND.
 - THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL ASSUMPTIONS, DEDUCTIONS, OR CONCLUSIONS HE/SHE MAY MAKE OR DERIVE FROM THE SUBSURFACE INFORMATION OR DATA FURNISHED ON THE PLANS. THE CONTRACTOR MUST SATISFY HIMSELF/HERSELF THROUGH HIS/HER OWN INVESTIGATIONS AS TO WHAT SUBSURFACE CONDITIONS ARE TO BE ENCOUNTERED.
 - IF THE CONTRACTOR ELECTS NOT TO EXPOSE AND VERIFY ALL EXISTING UNDERGROUND UTILITIES AND STRUCTURES AT CROSSINGS PRIOR TO PIPELINE EXCAVATION, HE/SHE FORFEITS HIS/HER RIGHTS FOR ANY CLAIMS FOR COMPENSATION CAUSED BY ANY CONFLICTS WITH EXISTING UTILITIES AND STRUCTURES.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER DISPOSAL OF ALL EFFLUENT ASSOCIATED WITH THE CONSTRUCTION ACTIVITY AND THE DISINFECTION AND HYDROTESTING OPERATIONS TO SAFEGUARD PUBLIC HEALTH AND SAFETY IN ACCORDANCE WITH APPLICABLE DEPARTMENT OF HEALTH REQUIREMENTS. ALL PERMITS AND LICENSES FOR CONSTRUCTION WATER DISPOSAL, INCLUDING ALL APPLICATIONS, CHARGES, FEES, AND TAXES, ARE THE RESPONSIBILITY OF THE CONTRACTOR.

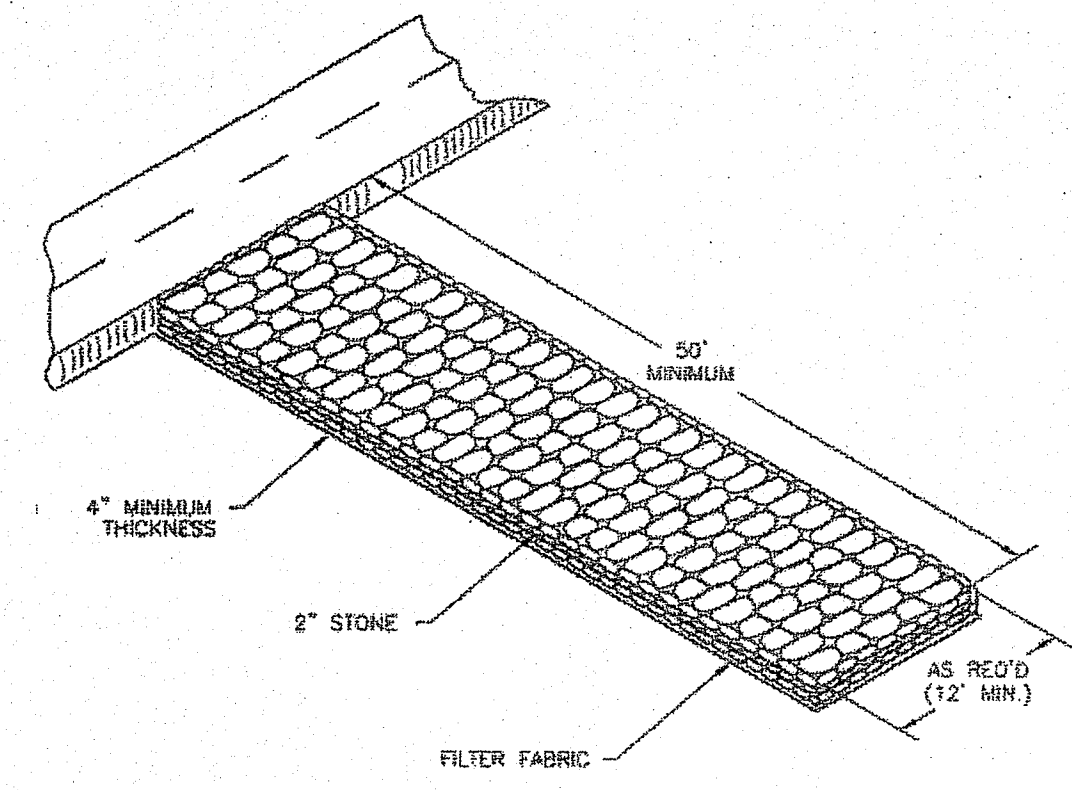
- GENERAL OLVTS NOTES**
- NO DRAINS OR PRESSURE WATER SUPPLY LINES EXIST OR ARE TO BE CONSTRUCTED WITHIN REGULATION DISTANCES, EXCEPT WHERE NOTED. IN THESE AREAS, SEWER, DRAIN OR WATER LINES ARE TO BE SLEEVED AS SHOWN.
 - ALL PUMPED LINES SHALL NOT DRAIN BACK TO THE PUMP CHAMBERS AND SHALL BE INSTALLED 4 FT BELOW GRADE. PROPER COMPACTION AND FORCE MAIN INSTALLATION SHALL BE PERFORMED TO ENSURE THAT NO LOW POINTS FORM BETWEEN PUMP ORIGIN COMPONENT AND DISCHARGE DESTINATION. AIR RELIEF VALVES SHALL BE INSTALLED AS NEEDED.
 - ALL FORCE MAIN PIPING SHALL BE SDR21 WITH PRESSURE RATED JOINTS AND GASKETS. JOINTS TO BE PRESSURE RATED 200 PSI AND COMPLIANT WITH VACUUM REQUIREMENTS PER ASTM D3139.
 - THE PROPOSED GRAVITY SEWER COLLECTION SYSTEM SHALL BE PRESSURE/VACUUM TESTED TO ENSURE THAT SURFACE OR GROUND WATER WILL NOT ENTER THE SYSTEM.

- PUBLIC HEALTH SAFETY AND CONVENIENCE NOTES**
- CONTRACTOR SHALL OBSERVE AND COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS REQUIRED FOR THE PROTECTION OF PUBLIC HEALTH, SAFETY AND ENVIRONMENTAL QUALITY.
 - THE CONTRACTOR AT HIS/HER EXPENSE, SHALL KEEP THE PROJECT AREA AND SURROUNDING AREA FREE FROM RUBBISH, DUST, NOISE, EROSION, ETC. THE WORK SHALL BE DONE IN CONFORMANCE WITH THE AIR AND WATER POLLUTION CONTROL STANDARDS AND REGULATIONS OF ALL APPLICABLE FEDERAL, STATE AND LOCAL AGENCIES.
 - NO CONTRACTOR SHALL PERFORM ANY CONSTRUCTION OPERATION SO AS TO CAUSE FALLING ROCKS, SILT OR DEBRIS IN ANY FORM TO FALL, SLIDE OR FLOW INTO ADJOINING PROPERTIES, STREETS OR NATURAL WATERCOURSES. SHOULD SUCH VIOLATIONS OCCUR, THE CONTRACTOR MAY BE CITED AND THE CONTRACTOR SHALL IMMEDIATELY MAKE ALL REMEDIAL ACTIONS AS NECESSARY.
 - THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN ALL NECESSARY SIGNS, LIGHTS, FLARES, BARRICADES, MARKERS, CONES, AND OTHER PROTECTIVE FACILITIES AND SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION, CONVENIENCE AND SAFETY OF THE PUBLIC.

- CONSTRUCTION SEQUENCE**
- DO NOT BEGIN CONSTRUCTION UNTIL ALL LOCAL, STATE, AND FEDERAL PERMITS HAVE BEEN APPLIED FOR AND RECEIVED.
 - CONSTRUCTION TRAFFIC SHALL ENTER AND EXIT THE WORK AREAS VIA STABILIZED CONSTRUCTION ENTRANCES (SEE DETAIL).
 - INSTALL STRAW WATTLES AS INDICATED ON THE DRAWINGS TO CONTROL EROSION AND PREVENT SEDIMENT CONTAMINATION OF WETLANDS PRIOR TO ANY EARTH MOVING ACTIVITIES.
 - PERFORM SELECTIVE CLEARING IN THE SPECIFIED AREAS BY REMOVING ONLY THE TREES AND UNDERGROWTH NECESSARY TO PROVIDE A FULLY FUNCTIONING CAMPSITE. ALL STUMPS TO BE GROUND OR DISPOSED OF OFF SITE.
 - CONSTRUCT SEWER, WATER, AND ELECTRICAL SERVICES EXTENSIONS AND SERVICES CONNECTIONS.
 - CONSTRUCT STONE INFILTRATION TRENCH.
 - RESTORE ROADWAYS WITH COMPACTED GRAVEL AS NECESSARY.
 - RESTORE ALL LAWN AND DISTURBED AREAS.
 - REMOVE EROSION CONTROL MEASURES UPON COMPLETE SITE STABILIZATION.

- SOIL EROSION AND SEDIMENTATION NOTES**
- DURING CONSTRUCTION AND THEREAFTER, EROSION CONTROL MEASURES ARE TO BE IMPLEMENTED AS NOTED. ONLY THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE EXPOSED AT ANY ONE TIME DURING DEVELOPMENT. WHEN LAND IS EXPOSED DURING DEVELOPMENT, THE EXPOSURE SHOULD BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME.
 - NO DRAINAGE AREAS SHALL BE USED FOR STOCKPILES OR STORAGE OF MATERIALS OR EQUIPMENT. THESE AREAS SHOULD BE DELINEATED IN THE FIELD PRIOR TO CONSTRUCTION.
 - ANY DISTURBED AREAS WHICH ARE TO BE LEFT TEMPORARILY AND WHICH WILL BE REGRADED LATER DURING CONSTRUCTION SHALL BE STABILIZED WITHIN FOURTEEN DAYS IN ACCORDANCE WITH TEMPORARY MEASURES IN THE VEGETATIVE PRACTICE NOTES.
 - AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOP SOIL TO REMOVE VEGETATION, ROOTS, AND ANY OTHER OBJECTIONABLE MATERIAL.
 - ALL FILL SHALL BE COMPACTED TO 95% MAX. DENSITY TO REDUCE EROSION, SLIPPAGE, SETTLEMENT SUBSIDENCE, OR OTHER RELATED PROBLEMS.
 - FILL INTENDED TO SUPPORT CONCRETE PADS AND CONDUITS, ETC., SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL CODES AND SPECIFICATIONS.
 - ALL FILL SHALL BE PLACED AND COMPACTED TO 95% MAX. DENSITY IN LAYERS NOT TO EXCEED 12" IN THICKNESS FILLS.
 - FILL MATERIAL SHALL BE FREE OF BRUSH, RUBBISH, ROCKS, LOGS, STUMPS, BUILDING DEBRIS, AND OTHER OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.
 - FROZEN, SOFT, MUCKY, OR HIGHLY COMPRESSIBLE MATERIAL SHALL NOT BE INCORPORATED INTO FILLS.
 - FILL SHALL NOT BE PLACED ON A FROZEN FOUNDATION SUBGRADE.
 - SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGN ENGINEER.
 - ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS OF FINISH GRADING IN ACCORDANCE WITH THE VEGETATIVE PRACTICE NOTES.
 - TEMPORARY SOIL STOCKPILES SHALL BE PLACED IN AREAS OF EXISTING DISTURBANCE AND SHALL BE PROTECTED BY A DOWNSTREAM SILT FENCE BARRIER.
 - REMOVE TEMPORARY EROSION CONTROL MEASURES ONCE UPSLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED AND VEGETATED AREAS HAVE RECEIVED TWO MOWINGS.

- VEGETATIVE PRACTICE NOTES**
- PERMANENT MEASURES:**
- SLOPES SHALL NOT BE STEEPER THAN 1 VERTICAL TO 3 HORIZONTAL UNLESS OTHERWISE SPECIFIED.
 - LOAM AND SEED REQUIREMENTS ARE SPECIFIED IN RIDOT L.01 & L.02.
 - A MINIMUM OF 4 INCHES OF LOAM SHALL BE INSTALLED. THE LOAM SHALL BE GRADED TO A SMOOTH CONDITION AND STONES AND OTHER OBJECTS LARGER THAN 2 INCHES SHALL BE REMOVED.
- TEMPORARY MEASURES (FOR TEMPORARY PROTECTION OF DISTURBED AREAS)**
- LIMESTONE AND FERTILIZER SHALL BE APPLIED AT THE FOLLOWING RATE:
LIMESTONE: 3 TONS/ACRE
FERTILIZER: (10-10-10): 600 LBS/ACRE
 - SEED SHALL BE APPLIED AT THE FOLLOWING RATE:
WINTER RYE: 100 LBS/ACRE
 - STRAW MULCH SHALL BE APPLIED AT THE RATE OF 1.5 TONS/ACRE.

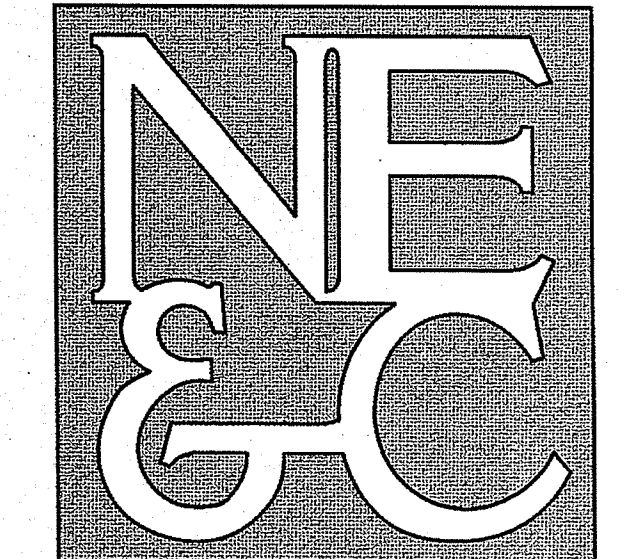


STABILIZED CONSTRUCTION ENTRANCE DETAIL
SCALE: NOT TO SCALE

- GENERAL NOTES:**
- UNSUITABLE MATERIAL SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 12-INCHES BELOW THE DESIGN INVERT ELEVATION.
 - TRENCH PROTECTION SHALL BE REQUIRED IN ACCORDANCE WITH OSHA REGULATIONS, AND AS OTHERWISE REQUIRED TO PROTECT UTILITIES, ROADWAYS, AND ADJACENT STRUCTURES.
 - SEWER AND DRAIN PIPES SHALL BE LAID BEGINNING AT THE DOWNSTREAM END OF THE PIPE LINE.
 - ALL PVC SEWER PIPES SHALL BE IPEX RING-TITE SDR 35, OR SIMILAR APPROVED.
 - ALL DRAIN PIPES SHALL BE SCH 40 PVC UNLESS OTHERWISE INDICATED.
 - ALL SEWER PIPE AND GASKETS SHALL CONFORM TO ASTM 3034 AND ASTM F679.
 - ALL NEW SEWER MANHOLES SHALL HAVE KOR-N-SEAL CONNECTIONS, TYPICAL OR EQUAL.
 - BACKFILL MATERIAL SHALL BE PLACED IN LAYERS NOT TO EXCEED 12" IN HEIGHT WHEN INSTALLED UNDER LANDSCAPED AREAS ONLY. INSTALLATIONS UNDER PAVEMENT REQUIRE BACKFILL MATERIAL TO BE PLACED IN LAYERS NOT TO EXCEED 6" IN HEIGHT. THESE LAYERS SHALL BE COMPACTED TO 95% MAXIMUM DENSITY (AASHTO T180). SUITABLE BACKFILL SHALL BE FREE OF LOAM, CLAY, ORGANIC MATTER AND PARTICLES LARGER THAN 2 INCHES IN DIAMETER.
 - SEWER AND DRAINAGE PIPE TRENCHES SHALL BE BEDDED WITH CRUSHED STONE OR SCREENED GRAVEL. THESE MATERIALS MUST CONFORM TO RIDOT STANDARD M.01.09 TYPE II MATERIAL.
 - WATER PIPE TRENCHES MUST BE BEDDED WITH SAND CONTAINING NO PARTICLES LARGER THAN 3/8". THIS MATERIAL MUST CONFORM TO AASHTO M8 REQUIREMENTS.
 - UTILITY INSTALLATIONS SHALL CONFORM TO ALL REQUIREMENTS OF THE TOWN OF PORTSMOUTH PUBLIC WORKS DEPARTMENT AND PORTSMOUTH WATER AND FIRE DISTRICT REGULATIONS.
 - WHEN TRENCH EXCAVATION IS ADJACENT TO OR UNDER EXISTING STRUCTURES OR FACILITIES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY SHEETING AND BRACING THE EXCAVATION AND STABILIZING THE EXISTING GROUND TO RENDER IT SAFE AND SECURE FROM POSSIBLE SLIDES, CAVE-INS AND SETTLEMENT AND FOR PROPERLY SUPPORTING EXISTING STRUCTURES AND FACILITIES WITH BEAMS, STRUTS OR UNDERPINNING TO FULLY PROTECT THEM FROM DAMAGE.

NOTE PER DEM:
Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site

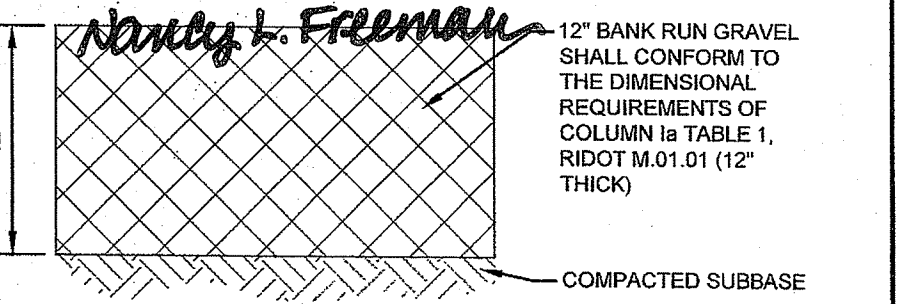
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- STRUCTURAL

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NOTE: GRAVEL DRIVEWAYS SHALL BE CROWNED AT A 2% SLOPE FROM THE CENTERLINE.

GRAVEL DRIVEWAY SECTION
SCALE: NOT TO SCALE

No.	Revision	Date	App.		
Designed By:	JCC	Drawn by:	JCC	Checked by:	GES
Scale:	AS SHOWN	Date:	SEPTEMBER 28, 2022		
Project Title:					
A.P. 43, LOT 1A NEWPORT RV PARK 181 BRADFORD AVENUE PORTSMOUTH, RHODE ISLAND					
Client/Owner:					
NEWPORT RV PARK 181 BRADFORD AVENUE PORTSMOUTH, RI					
Issued for:					
PERMITTING					
Drawing Title:					
DETAIL SHEET					
Drawing Number:					
C-2					
Sheet					
2 of 2					
Project Number:					
15190.0					
Survey Index:					

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