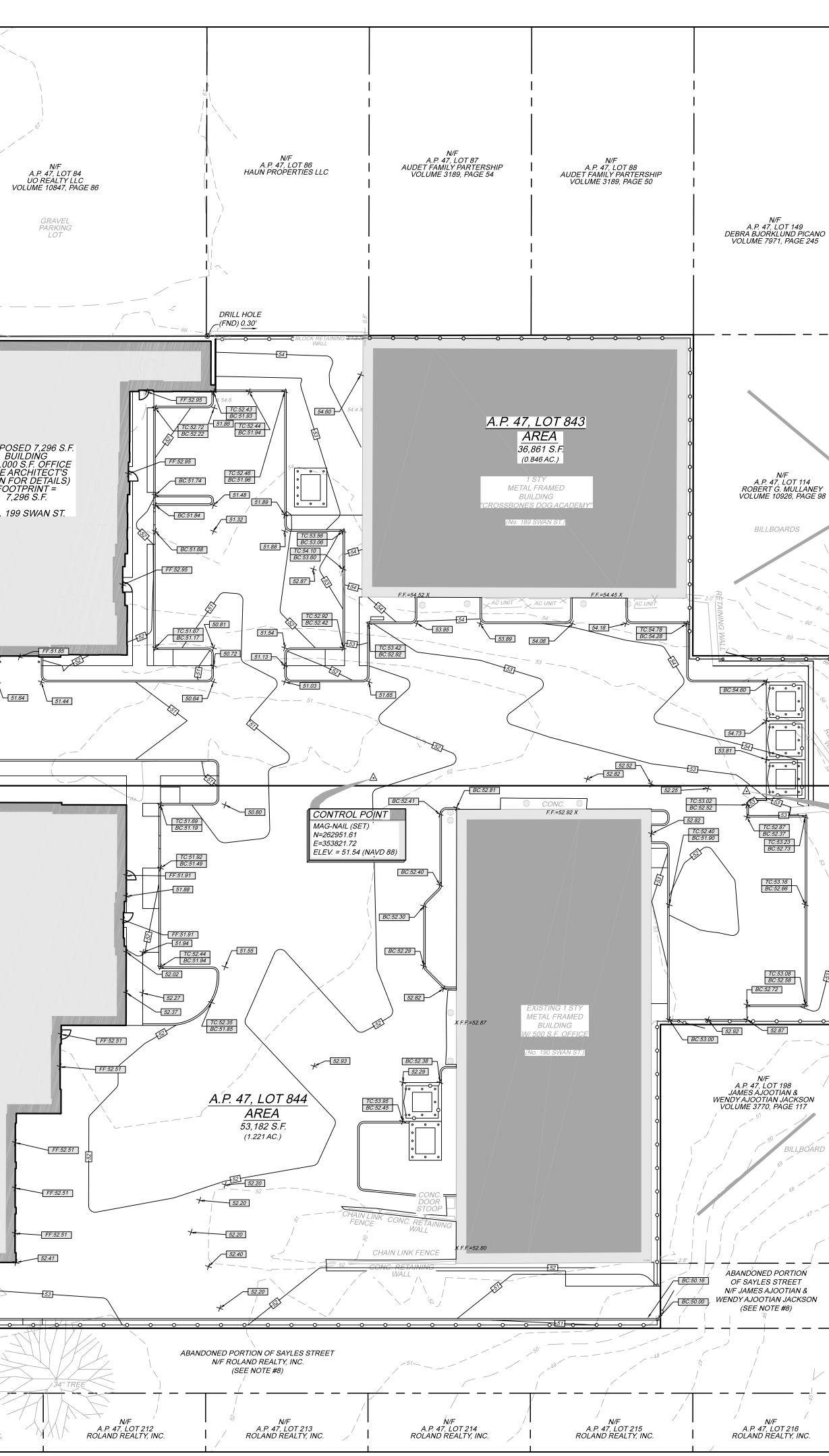
L. ROBERT SMITH	SIGNATURES MUST BE IN BLUE INK TO CONSTITUTE AN ORIGINAL PLAN CERTIFICATION 35-RICR-00-00-1.9 OF THE RULES AND REGU BOARD OF REGISTRATION FOR PROFESSION, YPE OF BOUNDARY SURVEY COMPREHENSIVE BOUNDARY SURVEY	IE PLAN HAS BEEN PREPARED PURSUANT LATIONS ADOPTED BY THE RHODE ISLANL	D STATE AS FOLLOWS: ICATION: (No. 208	CHAIN LINK EENCE
PROFESSIONAL ENGINEER	THER TYPE OF SURVEY: DATA ACCUMULATION TOPOGRAPHIC SURVEY THE PURPOSE FOR CONDUCTING THIS SURVE THE PURPOSE FOR CONDUCTING THIS SURVEY TOUNDARY & TOPOGRAPHIC SURVEY FOR THE PROPERTY. Y: KICHARD S. LIPSITZ, PL.S. WATERMAN ENGINEERING COMPANY (CO)	IE FUTURE DEVELOPMENT OF THE 1837 11/17/2022 REG. NO. DATE	N/F A.P. 47, LOT 83 LONGDE LIN & YINGYING HUANG VOLUME 11720, PAGE 323	
<u>PURPOSE</u> : • TO STABILZE THE SOIL WITH VEGETATION FC • TO REDUCE DAMAGE FROM WIND AND/OR W.	IPORARY VEGETATIV R ONE TO 12 MONTHS. ATER EROSION & SEDIMENTATION UNTIL PREMANENT	NE COVER TYLLC 6, PAGE 139		
ON EXPOSED SOILS THAT HAVE THE POTENT DAMAGES. SUCH AREAS MAY INCLUDE ROAD UNSTABLE OR DISTUBED AREAS.		A.P. 47, LI O.U.REAL VOLUME 1109	N/F A.P. 47, LOT 120 SOPHORN PLUM & SOPHEAK PEN	PROF W/ 1, (SEE PLAN F
PREPARATION MAY BE ACCOMPLISHED BY RAK AND/OR TRAVERSING THE AREA WITH TRACKE AND TRACKED EQUIPMENT CLEAT MARKS SHA SURFACE FLOW. <u>SOIL AMENDMENTS</u>	ES SUCH. OUR INCHES WITH A SLIGHTLY ROUGH SURFACE. THIS ING, DISCING, DRAGGING A SECTION OF CHAIN LINK FENCE D EQUIPMENT. OVER COMPACTION SHOULD BE AVOIDED LL BE PERPENDICULAR TO THE ANTICIPATED DIRETION OF	NF A.P. 47, LOT 668 850 EDDY STREET LLC VOLUME 9922, PAGE 144	VOLUME 11157, PAGE 285 FF:53.90 2.5 STY W/F MULTI-FAMILY DWELLING IN (No. 209 SWAN ST.)	
THE UNIVERSITY OF RHODE ISLAND SOIL TEST A pH RANGE OF 6.2 TO 7.0 IS OPTIMAL FOR PLA. IF SOIL TESTING IS NOT FEASIBLE ON SMALL O. FERTILIZER MAY BE APPLIED AT THE RATE OF 3 FEET USING FERTILIZER OF THE FOLLOWING: - 10 PERCENT AVAILABLE NITROGEN (N) - 10 PERCENT AVAILABLE PHOSPHERIC ACID - 10 PERCENT AVAILABLE POTASSIUM (K) FERTILIZER SHOULD ALWAYS BE APPLIED TO M	ING LABORATORY OR OTHER RELIABLE SOURCES. NT GROWTH OF MOST GRASS SPECIES. R VARIABLE SITES, OR WHERE TIMING IS CRITICAL, 00 POUNDS PER ACRE OR 7.5 POUNDS PER 1,000 SQUARE		(No. 209 SWAN ST.)	CB. 374 OFF
 NUTRIENTS SHOULD BE PRIMARILY SLOW RELE NOT TO BE FERTILIZED AFTER ESTABLISHMENT SQUARE FEET IS NECESSARY TO PREVENT NU NUTRIENTS ARE NOT SALT-BASED, AND SO WIL KNOWN AS WATER-INSOLUBLE NITROGEN. CLA INEXPENSIVE SLOW-RELEASE NUTRIENTS FOR TRAFFIC. SEE <u>RHODE ISLAND SOIL EROSION & SEDIME</u>. 	ASE WHETHER SYNTHETIC OF ORGANIC, AND IF THE SITE IS THEN 3-4 LBS SLOW RELEASE NITROGEN PER 1,000 TRIENT DEFICIENCY AND PLANT DEATH. SLOW RELEASE L NOT BURN GRASS. SLOW RELEASE NITROGEN IS ALSO SS A BIOSOLIDS SHOULD BE CONSIDERED AS A SOURCE OF ROADSIDES OR OTHER AREAS WITH MINIMAL PEDESTRIAN NT CONTROL (SESC) HANDBOOK (LATEST EDITION) S: SEEDING FOR TEMPORARY VEGETATIVE COVER: FIGURE	SWAN S (PUBLIC ~ 40	STREET 0.12' WIDTH)	
 SELECT SEED USING RECOMMENDATION GIVEI CONTROL (SESC) HANDBOOK (LATEST EDITION SEEDING FOR TEMPORARY VEGETATIVE COVE. ONLY USE SEED THAT IS LABELED IN ACCORDA ACT OF 1956 (VOLUME 8, TITLE 2, CHAPTER 6) A APPLY SEED UNIFORMILY BY HAND, CYCLONE 3, HYDROSEEDER (SLURRY SEED & FERTILIZER) A HYDROSEEDER (SLURRY SEED & FERTILIZER) A HYDROSEEDINGS, WHICH INCLUDES MULCH, M SEEDING RATES MUST BE INCREASED 10 PERCONSISTING APPLY MULCH ACCORDING TO THE RHODE ISLI HANDBOOK (LATEST EDITION) 	NCE WITH THE PROVISIONS OF THE RHODE ISLAND SEED ND ITS AMENDMENTS . SEEDER, DRILL, CULTIPACKER TYPE SEEDER OR ACHIEVING GOOD SEED TO SOIL CONTACT. AY BE LEFT ON THE SOIL SURFACE. ENT WHEN HYDROSEEDING. AND SOIL EROSION & SEDIMENT CONTROL (SESC)	125 410RE ES 132 & 134	FF:53.21	FF:52.91
CONDITIONS OCCUR AFTER EMERGENCE OF S APPLICATION RATE OF THE SOIL AND RESULT I INSPECTION, MAINTENANCE & REMOVAL REQU SEEDED AREAS SHOULD BE INSPECTED AT LEA PRECIPITATION EVENT WITH A RAINFALL AMOU AND MULCH MOVEMENT. WHERE EROSION HAS OCCURRED OR SEED HA IDENTIFIED AND THE AREA RESEEDED AND REI THE EROSION DAMAGE SHOULD BE REPAIRED ANCHOR. SHOULD CONCENTRATED RUNOFF B CONTROL WATER AND SEDIMENT MOVEMENT S AND THE AREA RESEEDED WITH THE NEW MUL CONTROL BLANKET. CAUTION SHOULD BE USE DIFFICULT TO REMOVE PRIOR TO THE ESTABLI TEMPORARY VEGETATIVE COVER SHALL NOT E			и ¢	ROPOSED 15,645 S.F. BUILDING // 1,500 S.F. OFFICE SEE ARCHITECT'S LAN FOR DETAILS) FOOTPRINT = 15,645 S.F. No. 200 SWAN ST.
		NNF A.P. 47, LOT 205 DIANE M. KERZNER VOLUME 6123, PAGES 128 & 130		
RHODE ISLAND POLLUTI SYSTEM SUBMISSION	ENVIRONMENTAL MANAGEM ON DISCHARGE ELIMINATION			
GRAPHIC 20 0 10 20 (in for 1 INCH EQUA	eet)	SAYLES STREET (PUBLIC ~ 40.12' WIDTH) (UNIMPROVED)		
WATERMAN ENGINEERING CO. UNIL ENGINEERING CO.	AWINGS ARE THE PROPERTY OF THE /SURVEYOR AND HAVE BEEN PREPARED WINER, FOR THIS PROJECT AT THIS SITE YOT TO BE USED FOR ANY OTHER LOCATION OR OWNER WITHOUT WRITTEN DF THIS OWNER OR ONE OF IT'S S'	N/F A.P. 47, LOT 209 ROLAND REALTY, INC.	N/F A.P. 47, LOT 210 ROLAND REALTY, INC.	N/F A.P. 47, LOT 211 ROLAND REALTY, INC.



NOTES / REFERENCES

- 1. SEE SHEET 2 FOR EXISTING NOTES & REFERENCES.
- 2. SEE SHEET 1 FOR THE FOLLOWING NOTES & LEGENDS: EXISTING & PROPOSED LEGENDS, GENERAL NOTES, LAYOUT & MATERIAL NOTES, SOIL EROSION & SEDIMENTATION CONTROL NOTES, DEMOLITION NOTES, TRAFFIC NOTES, AS-BUILT NOTES, RIDOT NOTES, GRADING & UTILITY NOTES, ABBREVIATION LEGEND, SOIL INFORMATION AND SITE CALLOUT LEGEND. ADDITIONAL NOTES MAY BE FOUND ON OTHER DRAWING SHEETS.

SEEDING FOR PERMANENT VEGETATIVE COVER

- <u>PURPOSE</u> : • TO PERMANENTLY STABILZE DISTURBED OR ERODIBLE SOILS WITH VEGETATION COVER.
- TO PREVENT THE SEPERATION AND TRANSPORT OF SEDIMENT BY WATER, WIND AND/OR GRAVITY.
- <u>APPLICABILITY</u> :
- ON SITES WITH DISTURBED OR ERODIBLE SOILS (VEGETATION REMOVED, TOPSOIL DISTURBED OR SOIL COMPACTED).
 ON SITES WHERE THE SUSPENSION OF WORK IS EXPECTED TO EXCEED ONE YEAR.
- ON SITES WHERE SLOPES LESS THAN 100 FEET LONG AND 2:1 OR FLATTER HAVE BEEN DISTURBED.
 FOLLOWING SOIL PREPARATION AND TOPSOILING AS REQUIRED IN THE <u>RHODE ISLAND SOIL EROSION & SEDIMENT CONTROL (SESC)</u> <u>HANDBOOK (LATEST EDITION)</u>.
 <u>NOT</u> FOR BEDROCK CUTS OR FACES.
- <u>NOTE</u> : FOR SLOPES STEEPER THAN 2:1, SEE THE <u>RHODE ISLAND SOIL EROSION & SEDIMENT CONTROL (SESC) HANDBOOK (LATEST</u> <u>EDITION)</u> SLOPE STABILIZATION METHODS. <u>NOTE</u> : APPROPRIATE COASTAL SPECIES MUST BE USED IN COASTAL SETTINGS.
- INSTALLATION REQUIREMENTS :
- INTENDED USE
- THE ULTIMATE INTENDED USE AND MAINTENANCE REQUIREMENTS OF THE AREA SHALL BE CONSIDERED WHEN CHOOSING A PERMANENT SEED MIXTURE IDENTIFIED IN THE RHODE ISLAND SOIL EROSION & SEDIMENT CONTROL (SESC) HANDBOOK (LATEST EDITION) SECTION FOUR: EROSION CONTROL MEASURES: SEEDING FOR PERMANENT VEGETATIVE COVER: FIGURES 1 & 3.
 MAINTENANCE MAY BE CONSIDERED AS ACTIVE (AREA TO BE MOWED) AND PASSIVE (AREA NOT TO BE MOWED). ACTIVE MAINTENANCE WILL REQUIRE SOME LEVEL OF MOWING DEPENDING ON THE INTENDED USE WHILE PASSIVE MAINTENANCE WILL REQUIRE NO FURTHER MOWING AND LITTLE, IF ANY MAINTENANCE.
- TIME OF THE YEAR
- FOR NON-NATIVE SPECIES THE RECOMMENDED SEEDING DATES ARE APRIL 1 THROUGH JUNE 15 AND AUGUST 15 THROUGH SEPTEMBER 30. THE FINAL SEEDING DATE MAY BE EXTENDED 15 DAYS IN NEWPORT COUNTY.
 FOR NATIVE SPECIES SEEDING DATES FOR BEST RESULTS ARE AUGUST TO SEPTEMBER. SELECTING SEED MATEIALS AND TIMING OF SEEDING IS CRITICAL. IF NATIVE SEEDS ARE TO BE SELECTED AND TIME OF SEEDING IS NOT IDEAL FOR SODDING, THEN TEMPORARY SEEDING MAY BE DONE TO PROTECT THE SITE UNTIL OPTIMUM SEEDING DATES CAN BE REACHED.
- SITE PREPARATION

 INSTALL NEEDED EROSION CONTROL MEASURES.
- THE SITE'S INTENDED USE, IN CONCERT WITH THE EXISTING SOIL FERTILITY, WILL DETERMINE IF TOPSOIL IS NEEDED. THE LOWER THE SITE IS IN NATURAL FERTILITY AND TEXTURE THE GREATER THE NEED FOR TOPSOIL.
- GRADE AS NEEDED.
 PREPARE THE SITE IN ACCORDANCE WITH SOIL PREPARATION AND TOPSOILING AS REQUIRED IN THE <u>RHODE ISLAND SOIL EROSION &</u> <u>SEDIMENT CONTROL (SESC) HANDBOOK (LATEST EDITION)</u>.
 PERMANENT SEEDING SHOULD NOT OCCUR ON SLOPES STEEPER THAN 2:1. SLOPES STEEPER THAN 2:1 MAY DEVELOP SHALLOW OR DEEP SURFACE FAILURES UNDER SATURATED CONDITIONS. THEREFORE, TO ENSURE SOIL STABILITY A SITE INVESTIGATION IS NECESSARY TO DETERMINE IF OTHER MEASURES (I.E. BENCHING, STRUCTURAL) AR NEEDED PRIOR TO SEEDING.
- SURFACE FAILURES UNDER SATURATED CONDITIONS. THEREFORE, TO ENSURE SUL STABLETT A STE INVESTIGATION IS NECESSART TO DETERMINE IF OTHER MEASURES (I.E. BENCHING, STRUCTURAL) AR NEEDED PRIOR TO SEEDING. <u>SEEDBED PREPARATION</u>
- LOOSEN THE SOIL TO A DEPTH OF THREE TO FOUR INCHES WITH A SLIGHTLY ROUGH SURFACE. THIS PREPARATION MAY BE ACCOMPLISHED BY RAKING, DISCING, DRAGGING A SECTION OF CHAIN LINK FENCE AND/OR TRAVERSING THE AREA WITH TRACKED EQUIPMENT. OVER COMPACTION SHOULD BE AVOIDED AND TRACKED EQUIPMENT CLEAT MARKS SHALL BE PERPENDICULAR TO THE ANTICIPATED DIRETION OF SURFACE FLOW.
- APPLY TOPSOIL, IF NECESSARY, IN ACCORDANCE WITH SOIL PREPARATION AND TOPSOILING AS REQUIRED IN THE <u>RHODE ISLAND SOIL</u> <u>EROSION & SEDIMENT CONTROL (SESC) HANDBOOK (LATEST EDITION)</u> <u>SOIL AMENDMENTS</u>
- APPLY LIMESTONE & FERTILIZER ACCORING TO SOIL TESTS SUCH AS THOSE OFFERED BY SOIL TESTING LABORATORIES AT THE UNIVERSITY OF CONECTICUT AND THE UNIVERSITY OF MASSACHUSETTS OR OTHER RELIABLE SOURCES.
 IN GENERAL, IT IS DESIRABLE TO MINIMIZE THE USE OF FERTILIZERS IN AREAS ADJACENT TO ALL WETLANDS AND SURFACE WATERS SO AS TO PREVENT THE EUTROPHICATION OF THESE WATERS.
- IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITES, OR WHERE TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED AT THE RATE
 NOT TO EXCEED 1500 POUNDS PER ACRE OR 36 POUNDS PER 1,000 SQUARE FEET USING FERTILIZER OF THE FOLLOWING:
 10 PERCENT AVAILABLE NITROGEN (N)
- 20 PERCENT AVAILABLE PHOSPHERIĆ ACID (P) - 20 PERCENT AVAILABLE POTASSIUM (K)
- A pH RANGE OF 6.2 TO 7.0 IS OPTIMAL FOR PLANT GROWTH OF MOST GRASS SPECIES.
- APPLY GROUND LIMESTONE (EQUIVALENT TO 50 PERCENT CALCIUM PLUS MAGNESIUM OXIDE USING RATES GIVEN IN <u>RHODE ISLAND SOIL</u> <u>EROSION & SEDIMENT CONTROL (SESC) HANDBOOK (LATEST EDITION)</u> PERMANENT VEGETATIVE COVER: FIGURE 2.
 WITH THE EXCEPTION OF HYDROSEEDING, WORK LIME AND FERTILIZER INTO THE SOIL AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC,
- SPRING TOOTH HARROW OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISCING 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 TWO INCHES OR LARGER IN ANY DIMENSION, REMOVE ALL OTHER DEBRIS, SUCH AS WIRE, CABLE.
- TREE ROOTS, PIECES OF CONCRETE, CLODS, OR OTHER UNSUITABLE MATERIAL.
 AREAS NOT TO BE MOWED CAN BE TRACKED WITH CLEATED EARTHMOVING EQUIPMENT PERPENDICULAR TO THE SLOPE (SEE <u>RHODE ISLAND</u> <u>SOIL EROSION & SEDIMENT CONTROL (SESC) HANDBOOK (LATEST EDITION)</u> SECTION FOUR: SURFACE ROUGHENING).
 IN AREAS WHERE TEMPORARY EROSION CONTROL BLANKETS ARE TO BE USED THE SEED BED SHALL BE PREPARED IN ACCORDANCE WITH THE
- IN AREAS WHERE TEMPORARY EROSION CONTROL BLANKETS ARE TO BE USED THE SEED BED SHALL BE PREPARED IN ACCORDANCE WITH THE BLANKET'S MANUFACTURER'S RECOMMENDATIONS.
 INSPECT SEEDBED JUST BEFORE SEEDING. IF SOIL IS COMPACTED, CRUSTED OR HARDENED, SCARIFY THE AREA PRIOR TO SEEDING.
- TIMING

 SEED WITH PERMANENT SEED MIXTURE WITHIN SEVEN DAYS FOLLOWING THE ESTABLISHMENT OF FINAL GRADE OR WHEN GRADING WORK
 WITHIN THE LIMIT OF DISURBANCE IS TO BE SUSPENDED FOR A PERIOD OF MORE THAN ONE YEAR.

SEEDING

- APPLY SELECTED SEED AT RATES PROVIDED IN, THE <u>RHODE ISLAND SOIL EROSION & SEDIMENT CONTROL (SESC) HANDBOOK (LATEST</u> <u>EDITION</u>) SECTION FOUR: EROSION CONTROL MEASURES: SEEDING FOR PERMANENT VEGETATIVE COVER: FIGURE 3, UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULTIPAKER TYPE SEEDER OR HYDROSEEDER (SLURRY INCLUDING SEED, FERTILIZER) ACHIEVING GOOD SEED TO SOIL CONTACT. WHERE RELATIVELY SMALL AREAS ARE TO BE SEEDED WITH A PREMIX, THAT IS, LESS THAN 2 ACRES AND WHERE THE PURCHASE OF LARGE VOLUMES OF SEED ARE UNNECESSARY, SEED MIX NO. 1, IS RECOMMENDED. INOCULATE ALL LEGUME SEED WITH THE CORRECT TYPE AND AMOUNT OF INOCULANT.
- ONLY USE SEED THAT IS LABELED IN ACCORDANCE WITH THE PROVISIONS OF THE RHODE ISLAND SEED ACT OF 1956 (VOLUME 8, TITLE 2, CHAPTER 6) AND ITS AMENDMENTS .
 NORMAL SEEDING DEPTH IS FROM 0.25 TO 0.5 INCH. HYDROSEEDINGS WHICH ARE MULCHED MAY BE LEFT ON THE SOIL SURFACE.
- WHERE FEASIBLE, EXCEPT WHERE EITHER A CULTIPACKER TYPE SEEDER OR HYDROSEEDER IS USED, THE SEEDBED SHOULD BE FIRMED FOLLOWING SEEDING OPERATIONS WITH A ROLLER, OR LIGHT DRAG. SEEDING OPERATIONS SHOULD BE ON THE CONTOUR.
 FROST CRACK SEEDING CAN BE USED TO IMPROVE THE DENSITY OF PERMANENT SEEDING. FROST CRACK SEEDING MUST BE DONE IN LATE WINTER OR EARLY SPRING. SUITABLE WEATHER CONDITIONS ARE FREEZING NIGHTS AND THAWING DAYS WITH LITTLE OR NO SNOW COVER.
- WINTER OR EARLY SPRING. SUITABLE WEATHER CONDITIONS ARE FREEZING NIGHTS AND THAWING DAYS WITH LITTLE OR NO SNOW COVER.
 SEEDING RATES SHOULD BE INCREASED BY 10% WHEN FROST CRACKING OR HYDROSEEDING IS USED.
 HYDRAULIC APPLICATION (HYDROSEEDING) IS A SUITABLE METHOD EXCEPT ON SEVERELY STEEP SLOPES. WHEN HYDROSEEDING, A SEEDBED
- IS PREPARED IN THE CONVENTIONAL WAY OR BY HAND RAKING TO LOOSEN AND SMOOTH THE SOIL AND TO REMOVE SURFACE STONES LARGER THAN TWO INCHES IN DIAMETER. GENERALLY, SLOPES GREATER THAN 2:1 ARE NOT RECOMMENDED. WHERE SLOPES EXCEEDING 2:1 ARE UNAVOIDABLE, SUPPLEMENTAL MULCH, MATTING AND/OR STRUCTURAL EROSION CONTROLS ARE RECOMMENDED. LIME SHOULD BE APPLIED AND THOROUGHLY INCORPORATED INTO THE SOIL PRIOR TO SEEDING. FERTILIZER MAY BE APPLIED SIMULTANEOUSLY WITH THE SEED. USE OF STRAW MULCH HELD WITH ADHESIVE MATERIALS OR 500 LBS PER ACRE OF WOOD FIBER MULCH IS RECOMMENDED FOR PROTECTION FROM SOIL EROSION. WHOLE WOOD MULCH IS RECOMMENDED. THE RECOMMENDED RATE FOR
- HYDROMULCH IS 1,500 LBS PER ACRE ON FLATS AND 3,000 LBS PER ACRE ON SLOPES. SEEDING RATES MUST BE INCREASED 10% WHEN HYDROSEEDING.
 APPLY MULCH ACCORDING TO THE RHODE ISLAND SOIL EROSION & SEDIMENT CONTROL (SESC) HANDBOOK (LATEST EDITION) SECTION FOUR: EROSION CONTROL MEASURES: MULCHING
- IF SEEDING CANNOT BE DONE WITHIN THE SEEDING DATES, USE THE <u>RHODE ISLAND SOIL EROSION & SEDIMENT CONTROL (SESC)</u> <u>HANDBOOK (LATEST EDITION)</u> SECTION FOUR: EROSION CONTROL MEASURES: MULCHING MEASURE TO PROTECT THE SITE AND DELAY SEEDING UNTIL THE NEXT RECOMMENDED SEEDING PERIOD.

IRRIGATION

- IRRIGATION/WATERING MAY BE NECESSARY TO ESTABLISH NEWLY SEEDED AREAS SHOULD DROUGHT CONDITIONS OCCUR AFTER
 EMERGENCE OF SEED. IRRIGATION/WATERING SHOULD NOT EXCEED THE APPLICATION RATE OF THE SOIL AND RESULT IN EROSION.
 <u>INSPECTION, MAINTENANCE & REMOVAL REQUIREMENTS</u>
- LIME ACCORDING TO A SOIL TEST OR AT A MINIMUM EVERY 2 TO 3 YEARS USING A RATE OF ONE TON PER ACRE (50 LBS PER 1,000 SQ. FT.).

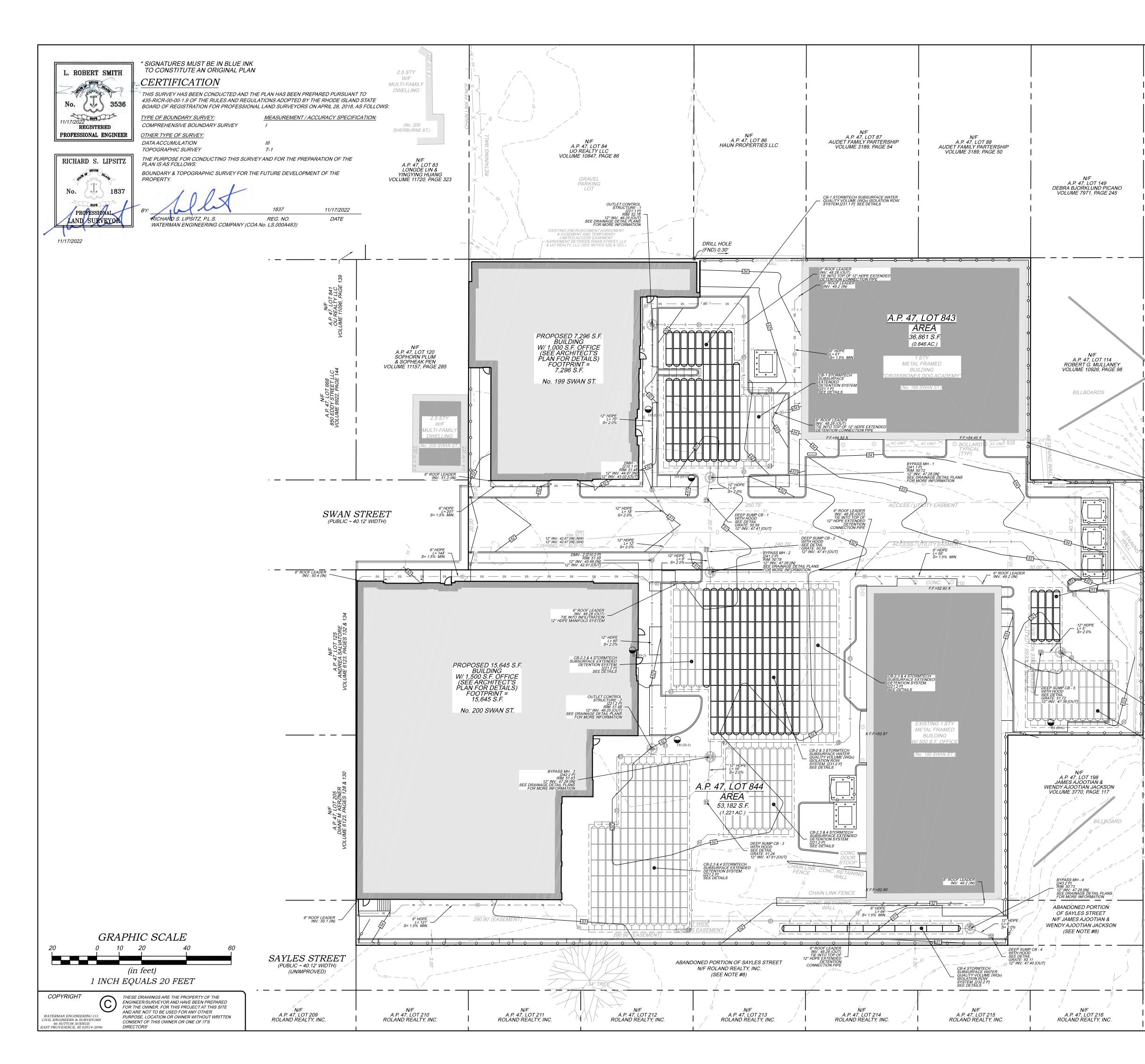
SURFACE COVER) CONTROLS SOIL EROSION AND WITHSTANDS SEVERE WEATHER CONDITIONS.

- WHERE GRASSES PREDOMINATE, FERTILIZE IF SO INDICATED BY A SOIL TEST. CUSTOMARY APPLICATIONS ARE BIENNIAL BROADCASTS OF 500 LBS OF 10-6-4 (LAWN FERTILIZER) OR EQUIVALENT PER ACRE (12.5 LBS PER 1,000 SQ. FT.). AT LEAST 30% OF THE FERTILIZER'S AVAILABLE NITROGEN MUST BE IN A SLOW RELEASING FORM.
 WHERE LEGUMES PREDOMINATE, FERTILIZE ACCORDING TO A SOIL TEST OR EVERY THREE YEARS, BROADCAST 300 LBS OF 0-20-20 OR
- EQUIVALENT PER ACRE (7.5 LBS PER 1,000 SQ. FT.). • PERMANENT VEGETATIVE COVER SHALL NOT BE CONSIDERED ESTABLISHED UNTIL GROUND COVER (APPROXIMATELY 95% VEGETATIVE

4	11/07/2022 09/15/2021	REVISED PER 09/20/2022 ADMINISTRATIVE SUBDIVISION PLAN REVISED FOR MAJOR LAND DEVLOPMENT	BJT BJT
2	08/30/2021	ADDED UTILITY RIMS & INVERTS AND SURVEY UPDATE	RSL
NO.	DATE	REVISION	CHECKED BY
A.P	SW P	GRADING PLAN 118, 119, 126, 127, 145, 204, 832 & 834 AN STREET & SAYLES STREET ROVIDENCE, RHODE ISLAND COLETTA GROUP LLC 7715 POST ROAD, SUITE 204 KINGSTOWN, RHODE ISLAND 02852	PROJECT NO. 00-122 SCALE: 1" = 20' DATE: 09/21/2020 DRAWN BY: MS / BJT CHECKED BY: LRS / RSL FILENAME: 00122_2022 MaLndDev_rev3 8 of 16 SHTS DRAWING #: C-6
	E	VALCIIIAI NGINEERING COMPANY <i>Fax:</i> (4)	<i>Sutton Avenue</i> <i>Providence, RI</i> <i>: (401) - 438 - 5775</i> <i>901) - 438 - 5773</i> atermanengineering.net

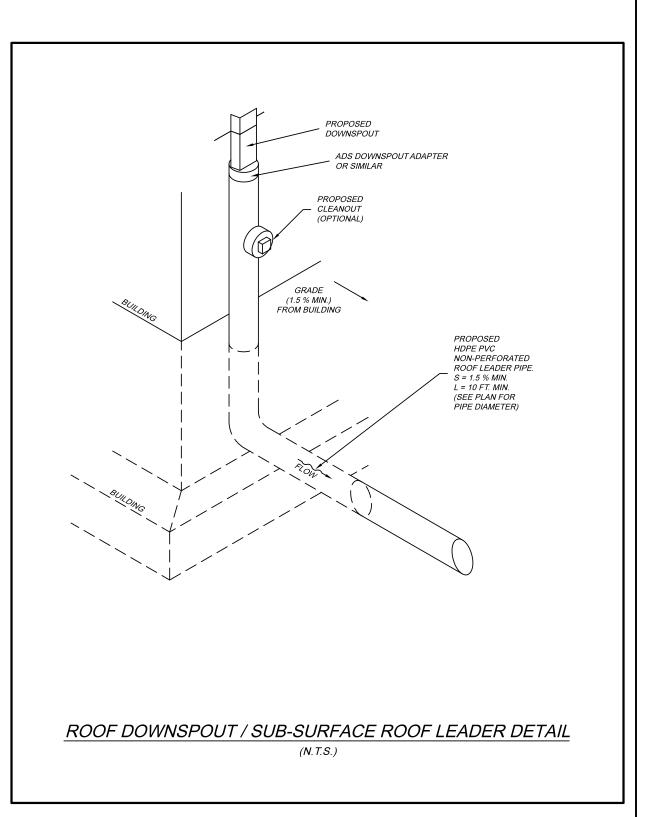
MAG-NAIL (SET) N=262976.73 E=353934.26 ELEV. = 53.09 (NAVD 88)

CONTROL POINT



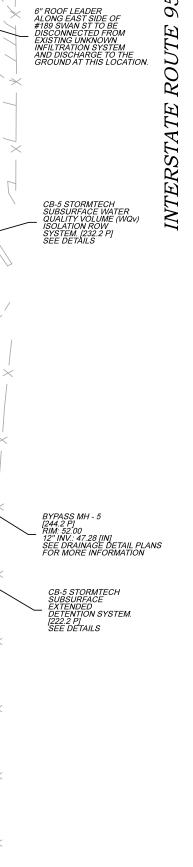
NOTES / REFERENCES

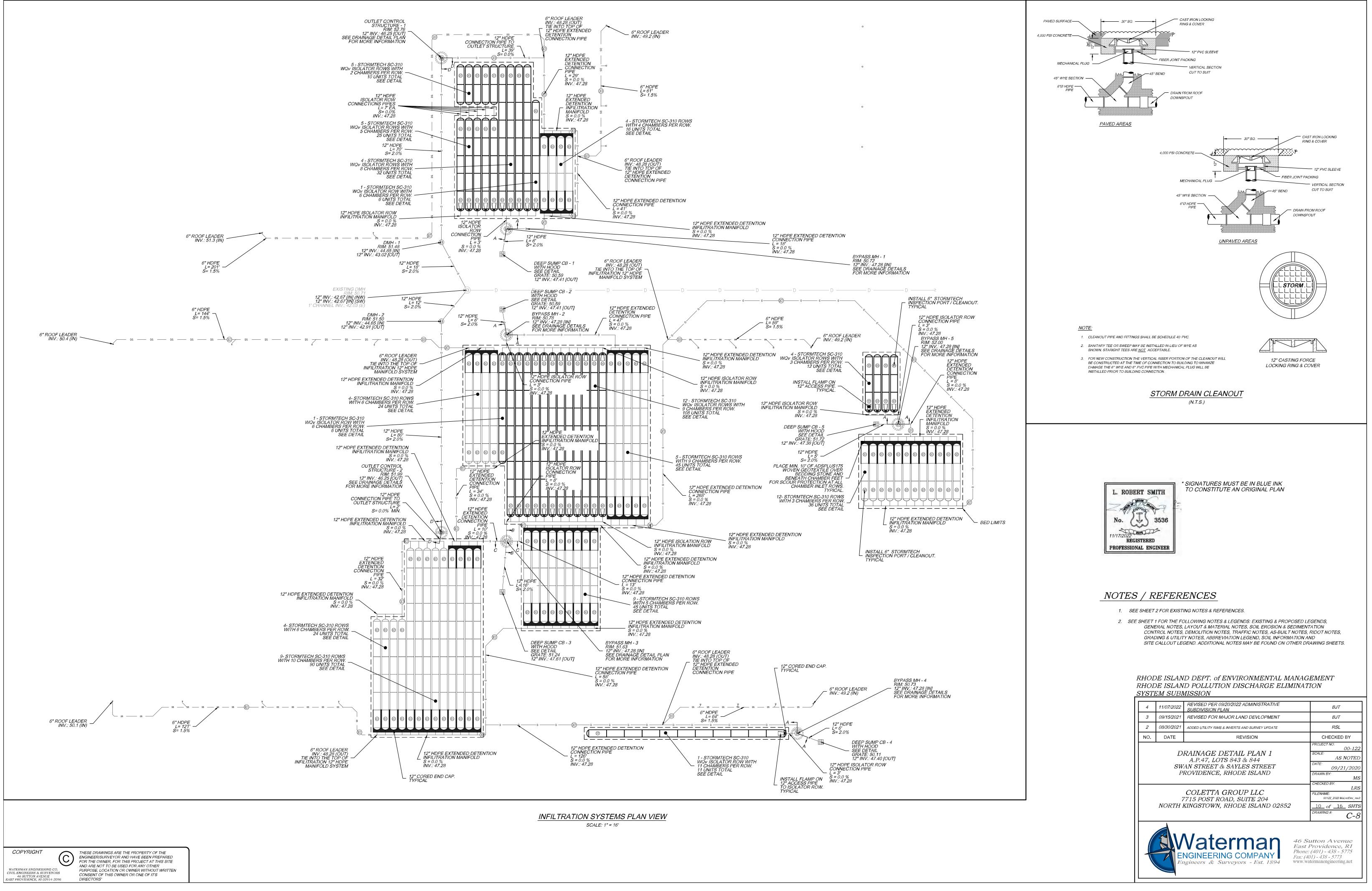
- 1. SEE SHEET 2 FOR EXISTING NOTES & REFERENCES.
- 2. SEE SHEET 1 FOR THE FOLLOWING NOTES & LEGENDS: EXISTING & PROPOSED LEGENDS, GENERAL NOTES, LAYOUT & MATERIAL NOTES, SOIL EROSION & SEDIMENTATION CONTROL NOTES, DEMOLITION NOTES, TRAFFIC NOTES, AS-BUILT NOTES, RIDOT NOTES, GRADING & UTILITY NOTES, ABBREVIATION LEGEND, SOIL INFORMATION AND SITE CALLOUT LEGEND. ADDITIONAL NOTES MAY BE FOUND ON OTHER DRAWING SHEETS.
- CONTRACTOR TO VERIFY THAT ALL STRUCTURES ARE COMPATIBLE WITH FRAME & GRATE.
 CONTRACTOR IS RESPONSIBLE TO PROVIDE SHOP DRAWINGS AND SPECIFICATIONS FOR ALL DRAINAGE
- RELATED ITEMS FOR REVIEWAND APPROVAL BY THE ENGINEER, PRIOR TO ORDERING.
- 5. ALL STRUCTURES SHALL BE DESIGNED FOR H-20 LOADING.
- 6. UNLESS OTHERWISE NOTED, ALL SOLID DRAINAGE PIPE SHALL BE N-12 HDPE OR APPROVED EQUAL. PIPE BEDDING SHALL BE IN CRUSHED STONE OR GRAVEL BORROW COMPACTED TO 95% DRY DENSITY (MODIFIED PROCTOR METHOD). PIPE SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S REQUIREMENTS.
- 7. CONTRACTOR SHALL PROVIDE AS-BUILT PLANS THAT INCLUDE DRAINAGE SYSTEM (PIPE INVERTS, OUTLET CONTROL STRUCTURES, STORMWATER BASIN LOCATION AND GRADES, AND INVERTS).
- 8. THE INSTALLATION OF THE STORMWATER MANAGEMENT SYSTEM SHALL BE INSPECTED BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE ENGINEER BEFORE AND DURING THE INSTALLATION OF THE STORMWATER MANAGEMENT SYSTEM FOR INSPECTIONS. AFTER EXCAVATION OF THE STORMWATER AREA, A BOTTOM BED INSPECTION TO OBSERVE THE REMAINING SOILS WILL BE REQUIRED BY THE ENGINEER. CONTRACTOR SHALL COORDINATE.
- 9. ROOF DRAINS FROM THE PROPOSED DEVELOPMENT SHALL BE DIRECTED TO THE STORMWATER BEST MANAGEMENT PRACTICE (BMP). CONTRACTOR TO COORDINATE WITH ARCHITECT ON ROOF DRAIN LOCATIONS.
- 10. LANDSCAPING SHALL BE PROVIDED IN ACCORDANCE WITH THE ZONING ORDINANCE. AT A MINIMUM PERMANANT SEEDING WITH NATIVE VEGETATION OR HYDROSEEDING, HAY, OR STRAW WILL BE REQUIRED FOR STABILIZING DISTURBED OR ERODIBLE SOILS, WHERE THE SUSPENSION OF WORK IS EXPECTED TO EXCEED 1 YEAR, AND WHERE SLOPES LESS THAN 100 FEET LONG AND 2:1 OR FLATTER HAVE BEEN DISTURBED.



RHODE ISLAND DEPT. of ENVIRONMENTAL MANAGEMENT RHODE ISLAND POLLUTION DISCHARGE ELIMINATION

SYSTI	EM SUBI	MISSION	
4	11/07/2022	REVISED PER 09/20/2022 ADMINISTRATIVE SUBDIVISION PLAN	BJT
3	09/15/2021	REVISED FOR MAJOR LAND DEVLOPMENT	BJT
2	08/30/2021	ADDED UTILITY RIMS & INVERTS AND SURVEY UPDATE	RSL
NO.	DATE	REVISION	CHECKED BY
A.P	DRAINAGE PLAN A.P.47, LOTS 118, 119, 126, 127, 145, 204, 832 & 834 SWAN STREET & SAYLES STREET PROVIDENCE, RHODE ISLAND COLETTA GROUP LLC 7715 POST ROAD, SUITE 204 NORTH KINGSTOWN, RHODE ISLAND 02852		PROJECT NO. 00-122 SCALE: 1" = 20' DATE: 09/21/2020 DRAWN BY: MS / BJT CHECKED BY: LRS / RSL FILENAME: 00122_2022 MaLndDev_rev3 9 of _16_SHTS DRAWING #: C-7
	EI	VALCIIIAI NGINEERING COMPANY <i>Fax: (4</i>	<i>utton Avenue</i> <i>Providence, RI</i> · (401) - 438 - 5775 01) - 438 - 5773 atermanengineering.net





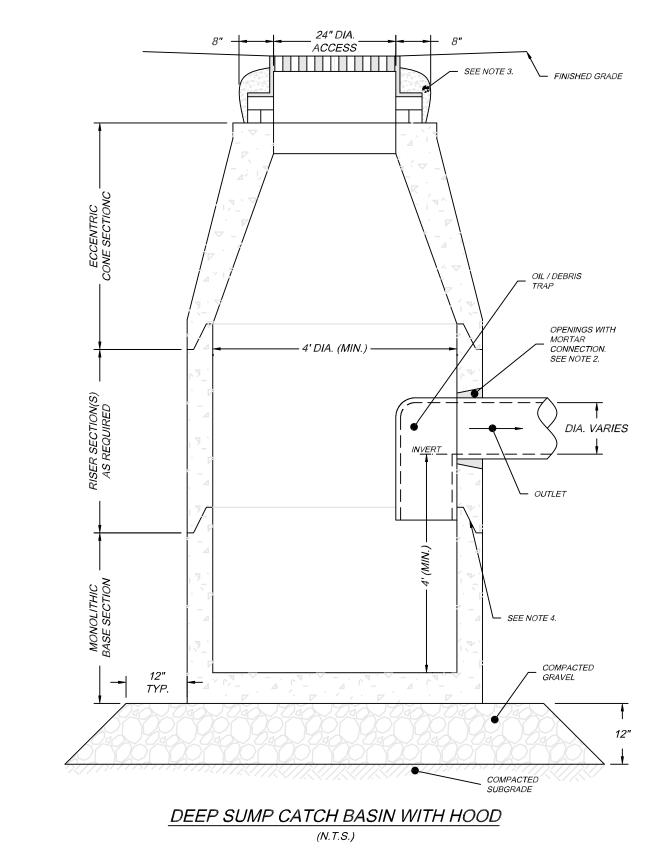
<u>NOTES</u> :

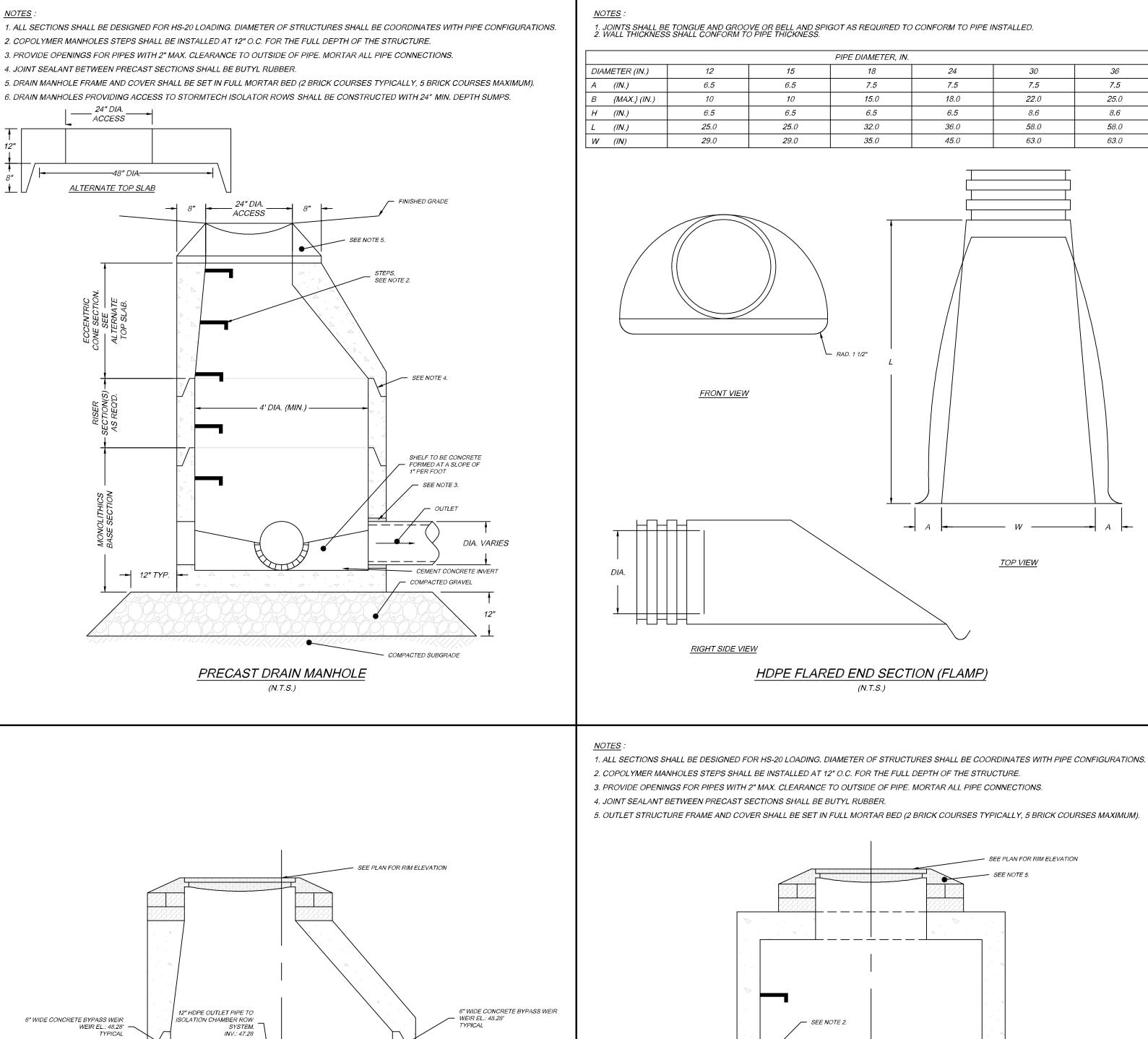
1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.

2. PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE PIPE. MORTAR ALL PIPE CONNECTIONS.

3. CATCH BASIN FRAME AND GRATE SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITHCLAY BRICK AND MORTAR (TYP. 2 BRICK COURSES, 5 MAX.

4. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE BUTYL RUBBER.





<u>NOTES</u> :

1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING. DIAMETER OF STRUCTURES SHALL BE COORDINATES WITH PIPE CONFIGURATIONS.

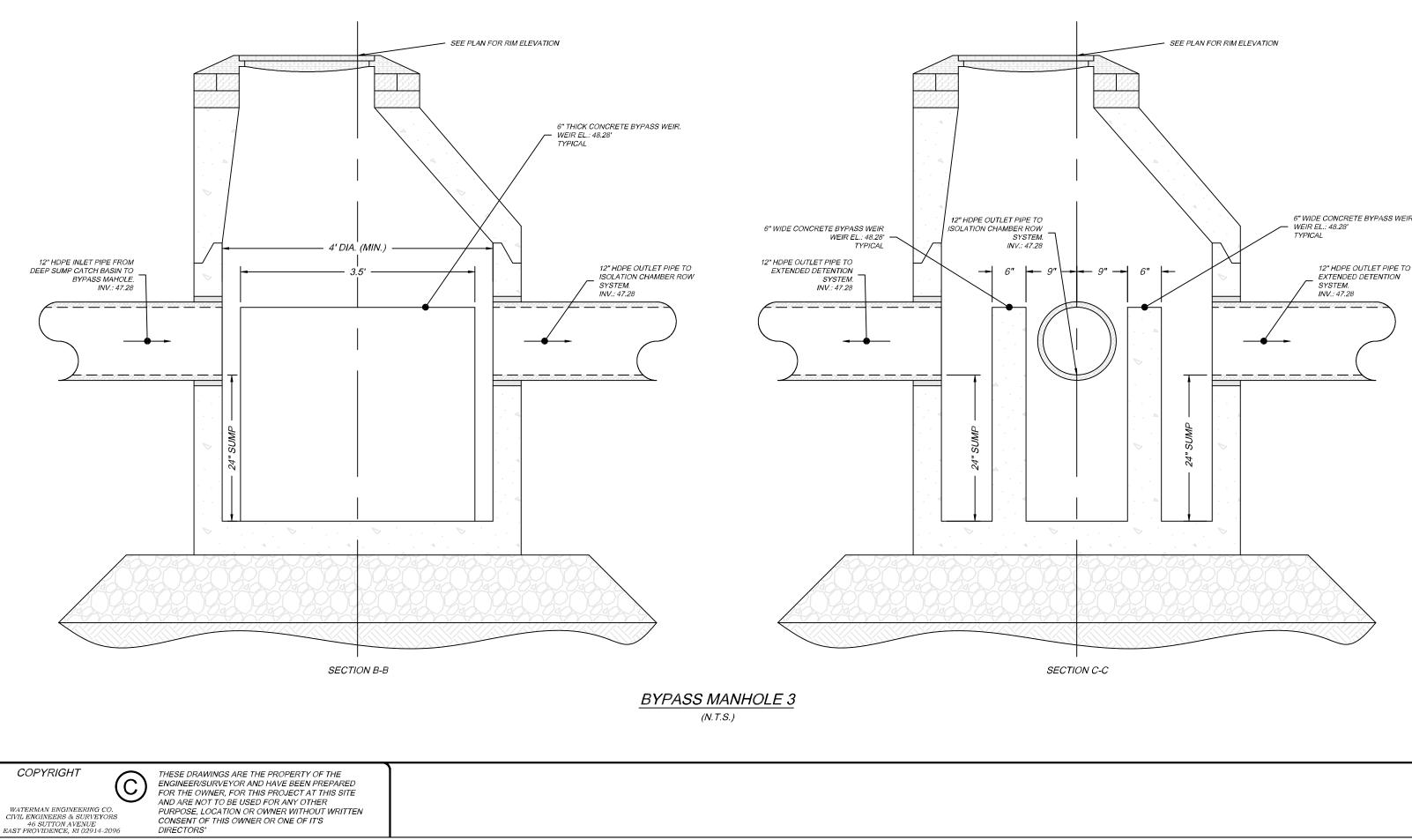
2. COPOLYMER MANHOLES STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE. 3. PROVIDE OPENINGS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.

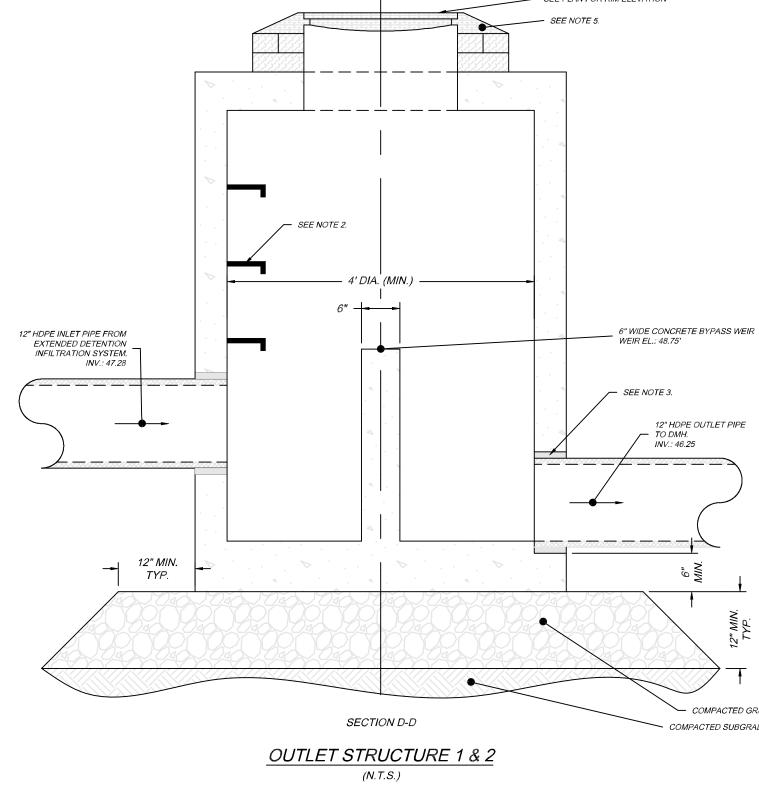
4. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE BUTYL RUBBER.

DIRECTORS'

5. DRAIN MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM).

6. DRAIN MANHOLES PROVIDING ACCESS TO STORMTECH ISOLATOR ROWS SHALL BE CONSTRUCTED WITH 24" MIN. DEPTH SUMPS.



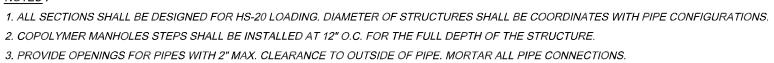




36

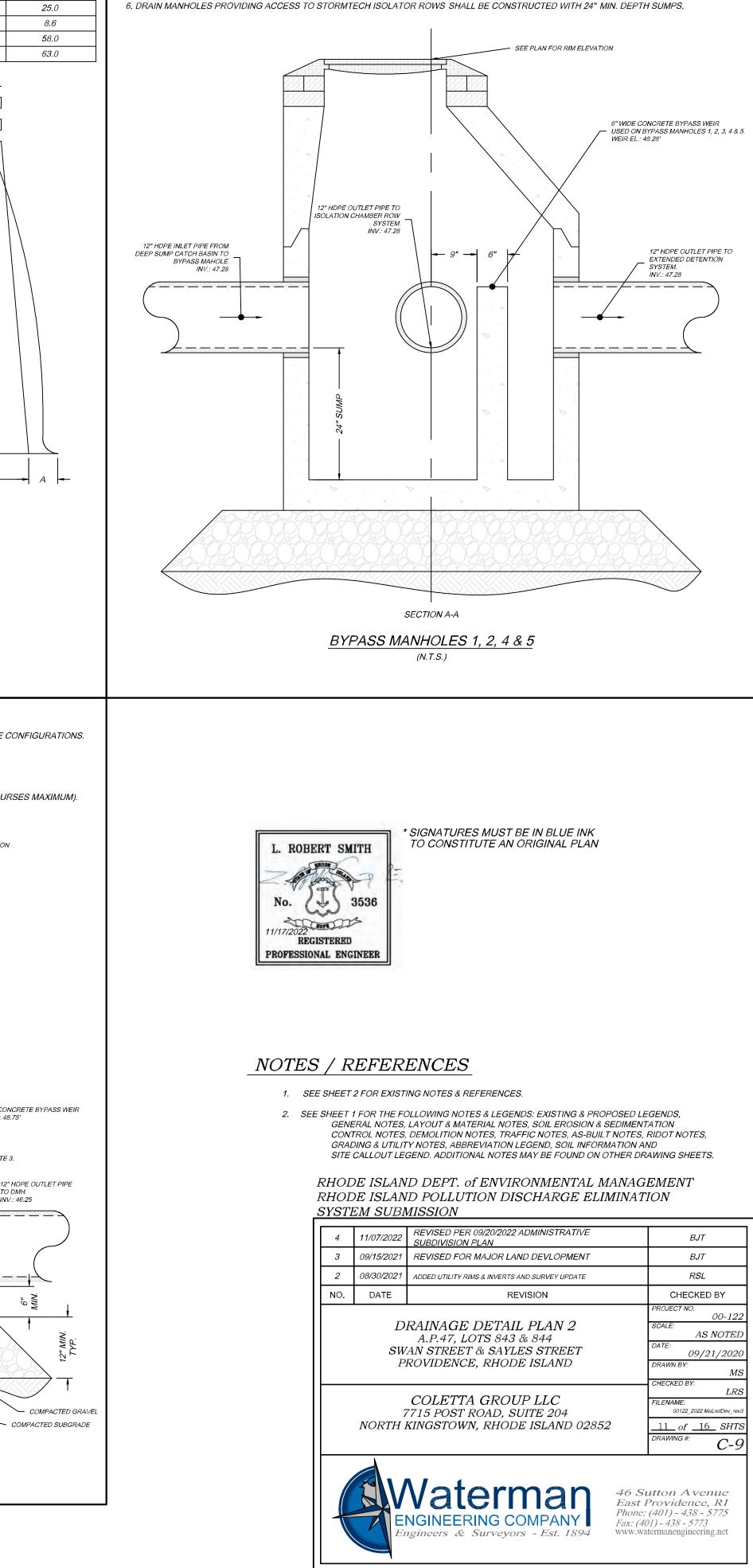
7.5

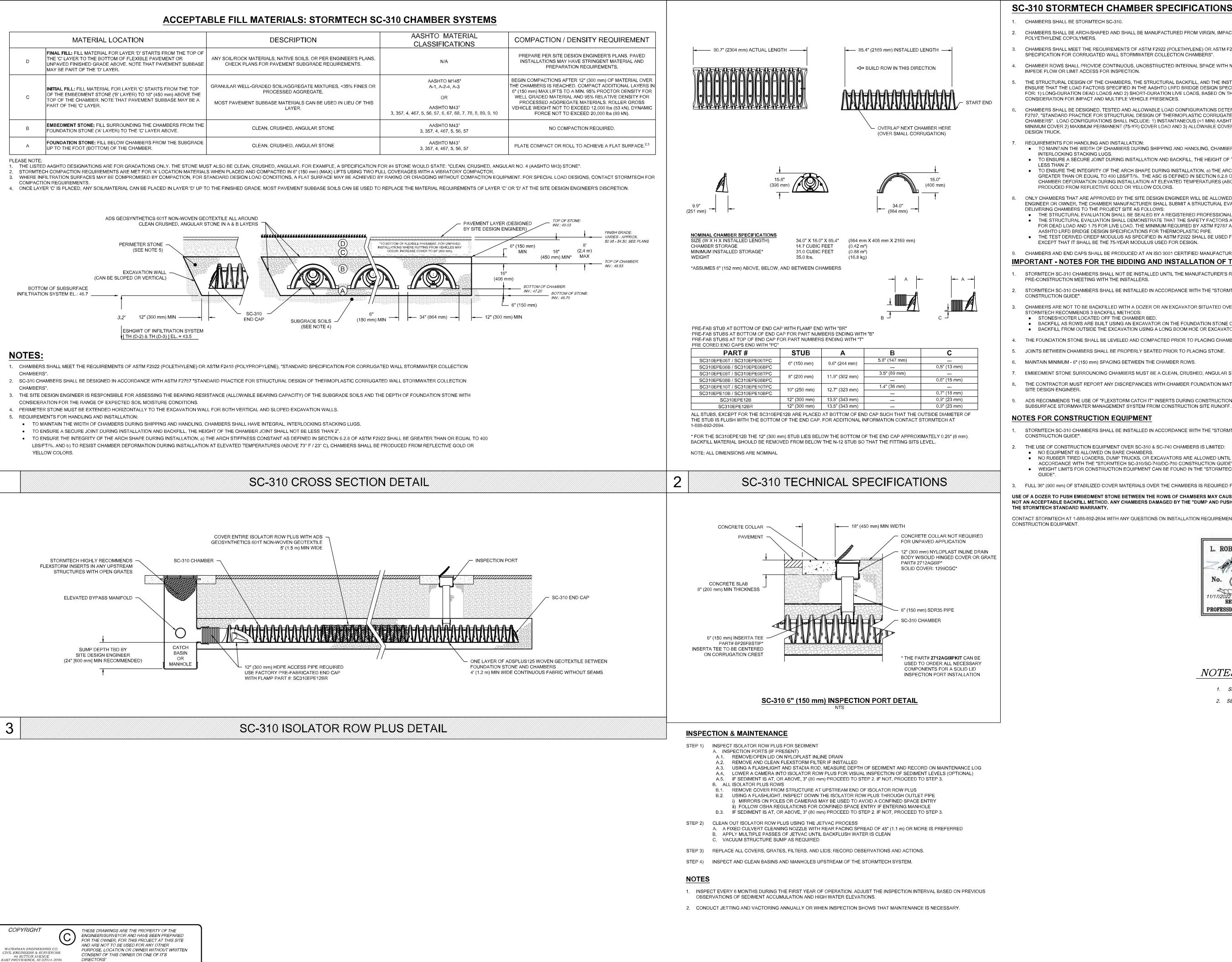
1.0



4. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE BUTYL RUBBER.

5. DRAIN MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM).





SC-310 STORMTECH CHAMBER SPECIFICATIONS

CHAMBERS SHALL BE STORMTECH SC-310

CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE OR

CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2922 (POLETHYLENE) OR ASTM F2418 (POLYPROPYLENE), "STANDARD SPECIFICATION FOR CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".

CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.

THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LONG-DURATION DEAD LOADS AND 2) SHORT-DURATION LIVE LOADS, BASED ON THE AASHTO DESIGN TRUCK WITH CONSIDERATION FOR IMPACT AND MULTIPLE VEHICLE PRESENCES.

CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787, "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO

REQUIREMENTS FOR HANDLING AND INSTALLATION:

• TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL. INTERLOCKING STACKING LUGS. • TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE

• TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 400 LBS/FT/%. THE ASC IS DEFINED IN SECTION 6.2.8 OF ASTM F2418. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE AS FOLLOWS: THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER. • THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95

FOR DEAD LOAD AND 1.75 FOR LIVE LOAD, THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE. • THE TEST DERIVED CREEP MODULUS AS SPECIFIED IN ASTM F2922 SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR DESIGN.

9. CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY. **IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF THE SC-310 SYSTEM**

STORMTECH SC-310 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A

PRE-CONSTRUCTION MEETING WITH THE INSTALLERS. STORMTECH SC-310 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/DC-780

CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR AN EXCAVATOR SITUATED OVER THE CHAMBERS. STORMTECH RECOMMENDS 3 BACKFILL METHODS:

• STONESHOOTER LOCATED OFF THE CHAMBER BED. BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE. BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.

4. THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.

JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.

6. MAINTAIN MINIMUM - 6" (150 mm) SPACING BETWEEN THE CHAMBER ROWS.

EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE 3/4-2" (20-50 mm).

8. THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIALS BEARING CAPACITIES TO THE

ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE

NOTES FOR CONSTRUCTION EQUIPMENT

STORMTECH SC-310 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/DC-780

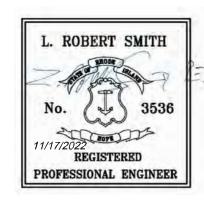
THE USE OF CONSTRUCTION EQUIPMENT OVER SC-310 & SC-740 CHAMBERS IS LIMITED: NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.

 NO RUBBER TIRED LOADERS, DUMP TRUCKS, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH SC-310/SC-740/DC-780 CONSTRUCTION GUIDE" • WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH SC-310/SC-740/DC-780 CONSTRUCTION

FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING. USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO THE CHAMBERS AND IS

THE STORMTECH STANDARD WARRANTY

CONTACT STORMTECH AT 1-888-892-2694 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR



SIGNATURES MUST BE IN BLUE INK TO CONSTITUTE AN ORIGINAL PLAN

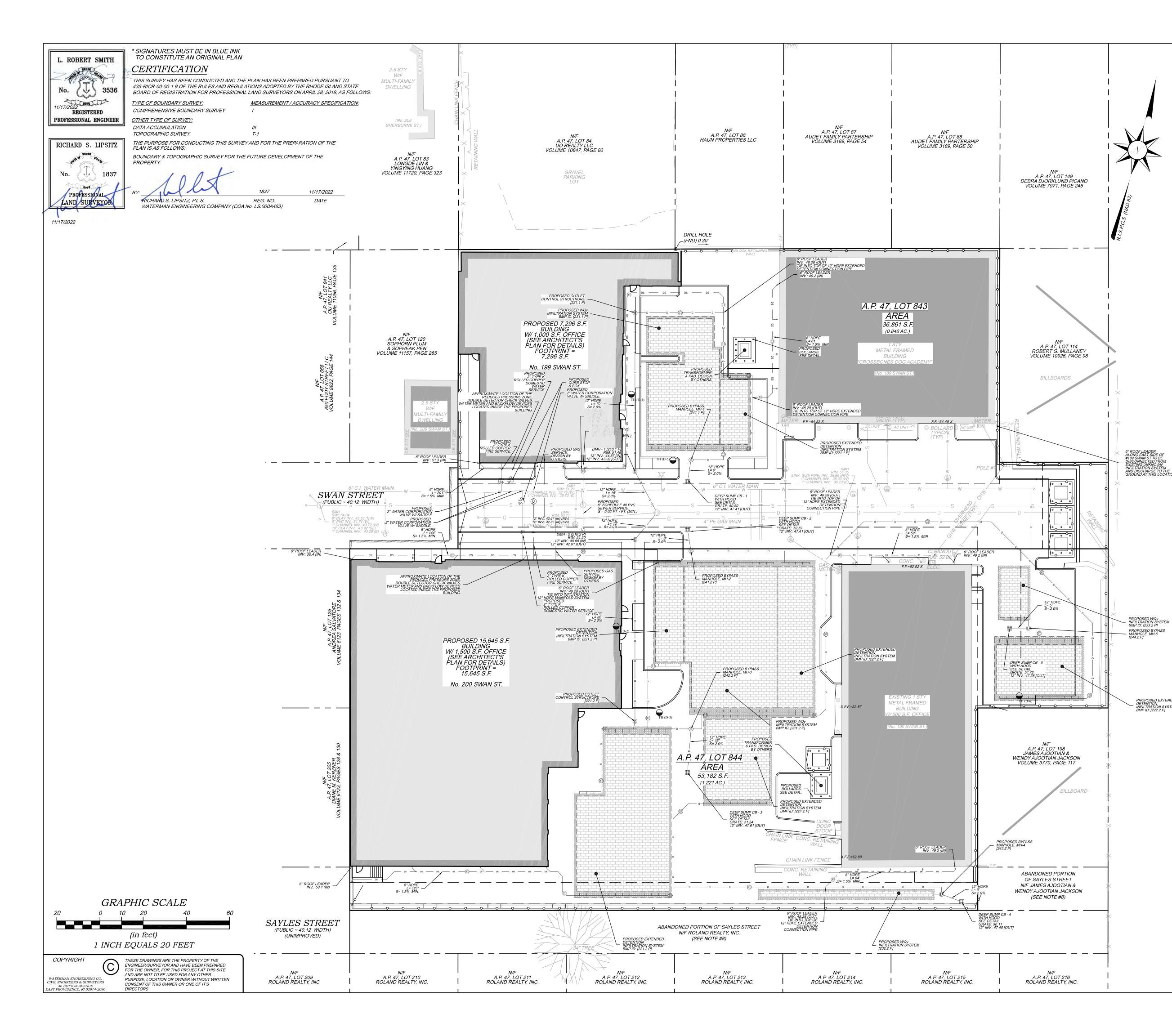
NOTES / REFERENCES

1. SEE SHEET 2 FOR EXISTING NOTES & REFERENCES.

2. SEE SHEET 1 FOR THE FOLLOWING NOTES & LEGENDS: EXISTING & PROPOSED LEGENDS, GENERAL NOTES, LAYOUT & MATERIAL NOTES, SOIL EROSION & SEDIMENTATION CONTROL NOTES. DEMOLITION NOTES. TRAFFIC NOTES. AS-BUILT NOTES. RIDOT NOTES. GRADING & UTILITY NOTES, ABBREVIATION LEGEND, SOIL INFORMATION AND SITE CALLOUT LEGEND. ADDITIONAL NOTES MAY BE FOUND ON OTHER DRAWING SHEETS.

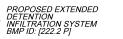
RHODE ISLAND DEPT. of ENVIRONMENTAL MANAGEMENT RHODE ISLAND POLLUTION DISCHARGE ELIMINATION SYSTEM SUBMISSION

4	11/07/2022	REVISED PER 09/20/2022 ADMINISTRATIVE SUBDIVISION PLAN	BJT
3	09/15/2021	REVISED FOR MAJOR LAND DEVLOPMENT	BJT
2	08/30/2021	ADDED UTILITY RIMS & INVERTS AND SURVEY UPDATE	RSL
NO.	DATE	REVISION	CHECKED BY
	SW P.	RAINAGE DETAIL PLAN 3 A.P.47, LOTS 843 & 844 AN STREET & SAYLES STREET ROVIDENCE, RHODE ISLAND COLETTA GROUP LLC 7715 POST ROAD, SUITE 204 KINGSTOWN, RHODE ISLAND 02852	PROJECT NO. 00-122 SCALE: AS NOTEL DATE: 09/21/2020 DRAWN BY: MS CHECKED BY: LRS FILENAME: 00122_2022 MaLndDev_rev. 12 of 16 SHTS DRAWING #: C-10
	E	Vaternan NGINEERING COMPANY Agineers & Surveyors - Est. 1894	46 Sutton Avenue East Providence, RI Phone: (401) - 438 - 5775 Fax: (401) - 438 - 5773 www.watermanengineering.net



NOTES / REFERENCES

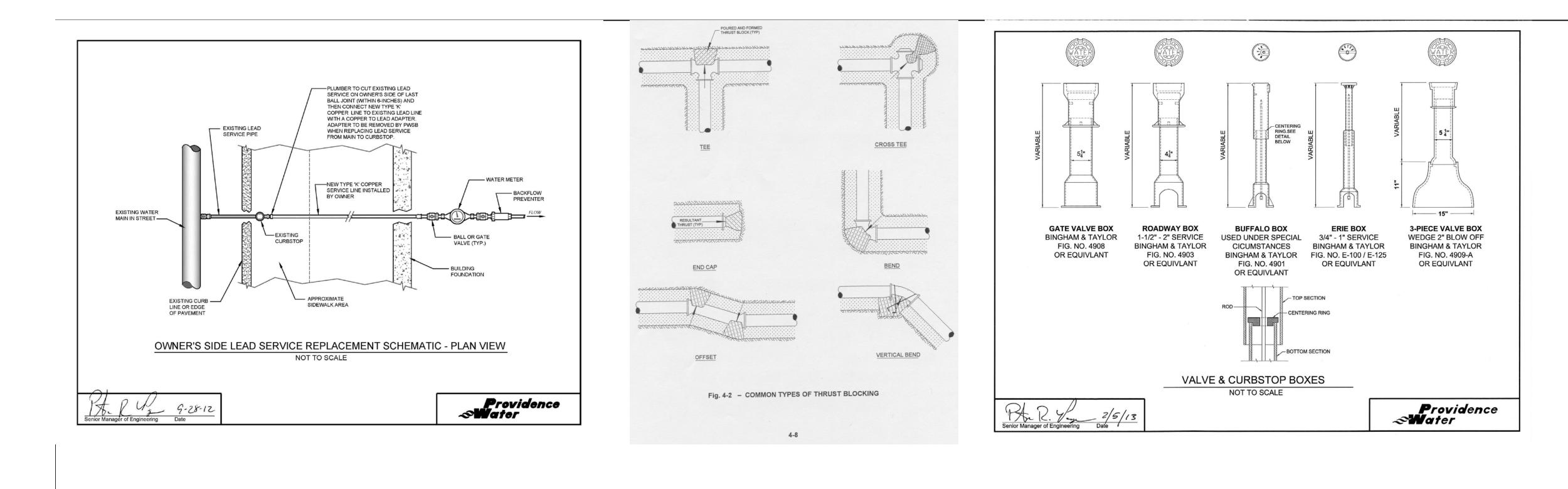
- 1. SEE SHEET 2 FOR EXISTING NOTES & REFERENCES.
- 2. SEE SHEET 1 FOR THE FOLLOWING NOTES & LEGENDS: EXISTING & PROPOSED LEGENDS, GENERAL NOTES, LAYOUT & MATERIAL NOTES, SOIL EROSION & SEDIMENTATION CONTROL NOTES, DEMOLITION NOTES, TRAFFIC NOTES, AS-BUILT NOTES, RIDOT NOTES, GRADING & UTILITY NOTES, ABBREVIATION LEGEND, SOIL INFORMATION AND SITE CALLOUT LEGEND. ADDITIONAL NOTES MAY BE FOUND ON OTHER DRAWING SHEETS.

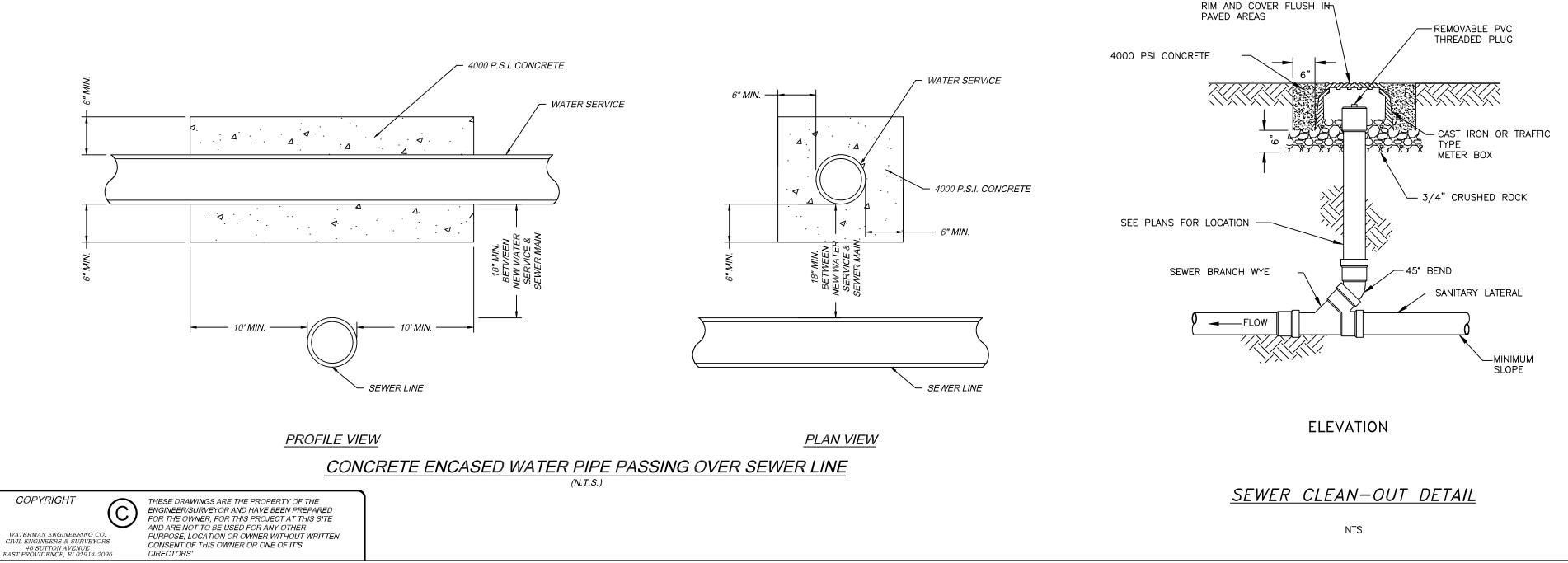


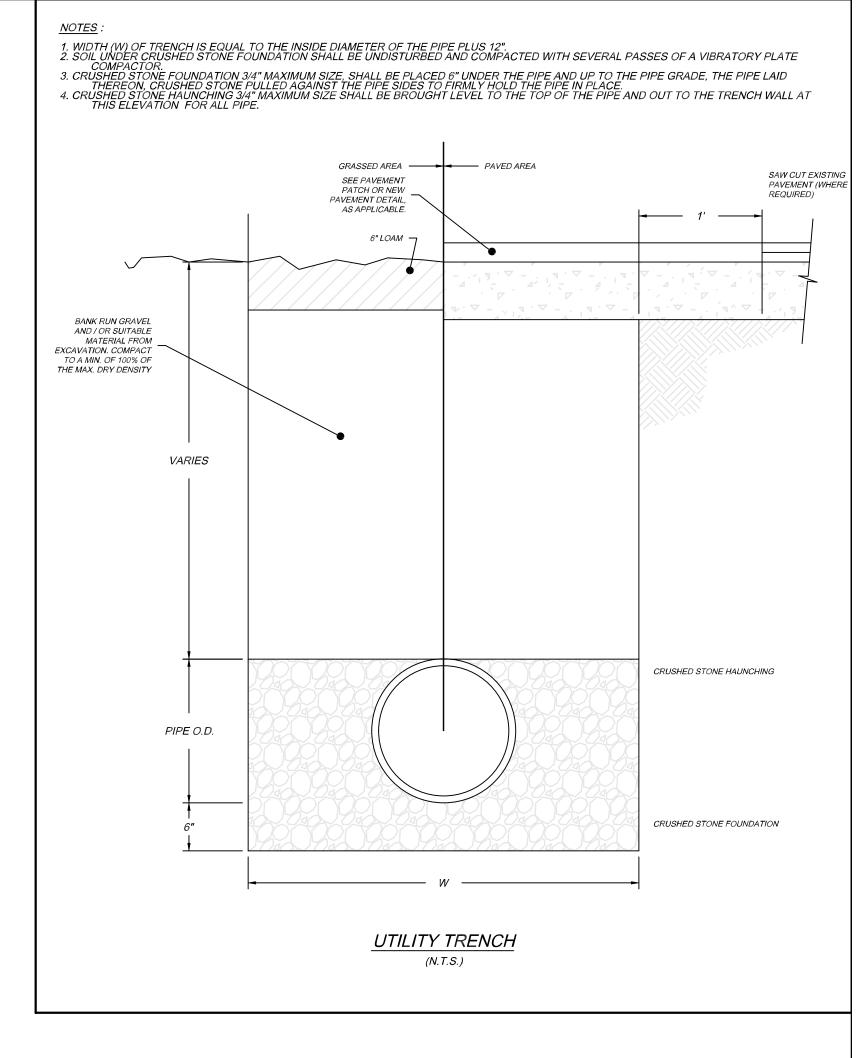
 \leq

RHODE ISLAND DEPT. of ENVIRONMENTAL MANAGEMENT RHODE ISLAND POLLUTION DISCHARGE ELIMINATION SYSTEM SUBMISSION

3 2 NO.	09/15/2021 08/30/2021 DATE	SUBDIVISION PLAN REVISED FOR MAJOR LAND DEVLOPMENT ADDED UTILITY RIMS & INVERTS AND SURVEY UPDATE REVISION	BJT RSL CHECKED BY PROJECT NO.	
	UTILITY PLAN A.P.47, LOTS 843 & 844 SWAN STREET & SAYLES STREET PROVIDENCE, RHODE ISLAND COLETTA GROUP LLC 7715 POST ROAD, SUITE 204 NORTH KINGSTOWN, RHODE ISLAND 02852		00-122 SCALE: 1" = 20' DATE: 09/21/2020 DRAWN BY: MS / BJT CHECKED BY: LRS / RSL FILENAME: 00122_2022 MaLndDev_rev3 13 of 16 SHTS	
			DRAWING #: C-11	
A 6 Sutton Avenue Engineers & Surveyors - Est. 1894				

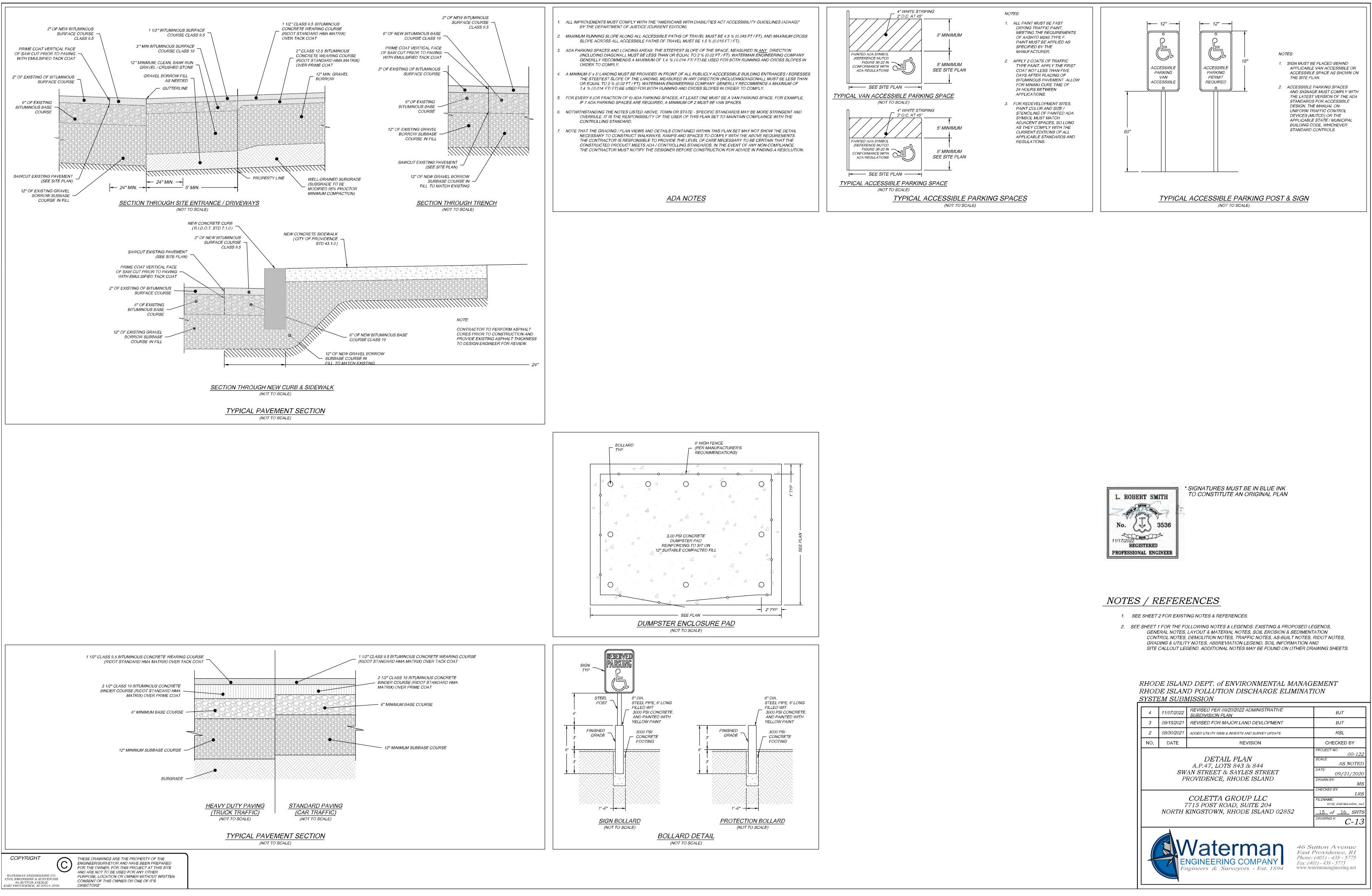






* SIGNATURES MUST BE IN BLUE INK TO CONSTITUTE AN ORIGINAL PLAN L. ROBERT SMITH No. 3536 11/17/2022 REGISTERED PROFESSIONAL ENGINEER NOTES / REFERENCES 1. SEE SHEET 2 FOR EXISTING NOTES & REFERENCES. 2. SEE SHEET 1 FOR THE FOLLOWING NOTES & LEGENDS: EXISTING & PROPOSED LEGENDS, GENERAL NOTES, LAYOUT & MATERIAL NOTES, SOIL EROSION & SEDIMENTATION CONTROL NOTES, DEMOLITION NOTES, TRAFFIC NOTES, AS-BUILT NOTES, RIDOT NOTES, GRADING & UTILITY NOTES, ABBREVIATION LEGEND, SOIL INFORMATION AND SITE CALLOUT LEGEND. ADDITIONAL NOTES MAY BE FOUND ON OTHER DRAWING SHEETS. RHODE ISLAND DEPT. of ENVIRONMENTAL MANAGEMENT RHODE ISLAND POLLUTION DISCHARGE ELIMINATION SYSTEM SUBMISSION REVISED PER 09/20/2022 ADMINISTRATIVE SUBDIVISION PLAN BJT 4 11/07/2022 3 00/15/2021 REVISED FOR MAJOR LAND DEVLOPMENT

3	09/15/2021	REVISED FOR MAJOR LAND DEVLOPMENT		BJT
2	08/30/2021	ADDED UTILITY RIMS & INVERTS AND SURVEY UPDATE		RSL
NO.	DATE	REVISION		CHECKED BY
		UTILITY DETAIL PLAN A.P.47, LOTS 843 & 844 AN STREET & SAYLES STREET ROVIDENCE, RHODE ISLAND		PROJECT NO. OO-122 SCALE: AS NOTED DATE: 09/21/2020 DRAWN BY: MS CHECKED BY:
	COLETTA GROUP LLC 7715 POST ROAD, SUITE 204 NORTH KINGSTOWN, RHODE ISLAND 02852			LRS FILENAME: 00122_2022 MaLndDev_rev3
	E	Vaternan NGINEERING COMPANY Agineers & Surveyors - Est. 1894	East H Phone: Fax: (40	itton Avenue Providence, RI (401) - 438 - 5775 1) - 438 - 5773 termanengineering.net



21911	EM SUBI	11551011		
4	11/07/2022	REVISED PER 09/20/2022 ADMINISTRATIVE SUBDIVISION PLAN		BJT
3	09/15/2021	REVISED FOR MAJOR LAND DEVLOPMENT		BJT
2	08/30/2021	ADDED UTILITY RIMS & INVERTS AND SURVEY UPDATE		RSL
NO.	DATE	REVISION		CHECKED BY
	DETAIL PLAN A.P.47, LOTS 843 & 844 SWAN STREET & SAYLES STREET PROVIDENCE, RHODE ISLAND COLETTA GROUP LLC 7715 POST ROAD, SUITE 204 NORTH KINGSTOWN, RHODE ISLAND 02852			PROJECT NO. OO-122 SCALE: AS NOTED DATE: O9/21/2020 DRAWN BY: MS CHECKED BY: LRS FILENAME: 00122_2022 MaLndDev_rev3 15_of 16_SHTS DRAWING #: C-13
	E	VALCIIIAI NGINEERING COMPANY	East F Phone: Fax: (40	atton Avenue Providence, RI (401) - 438 - 5775 (1) - 438 - 5773 termanengineering.net

