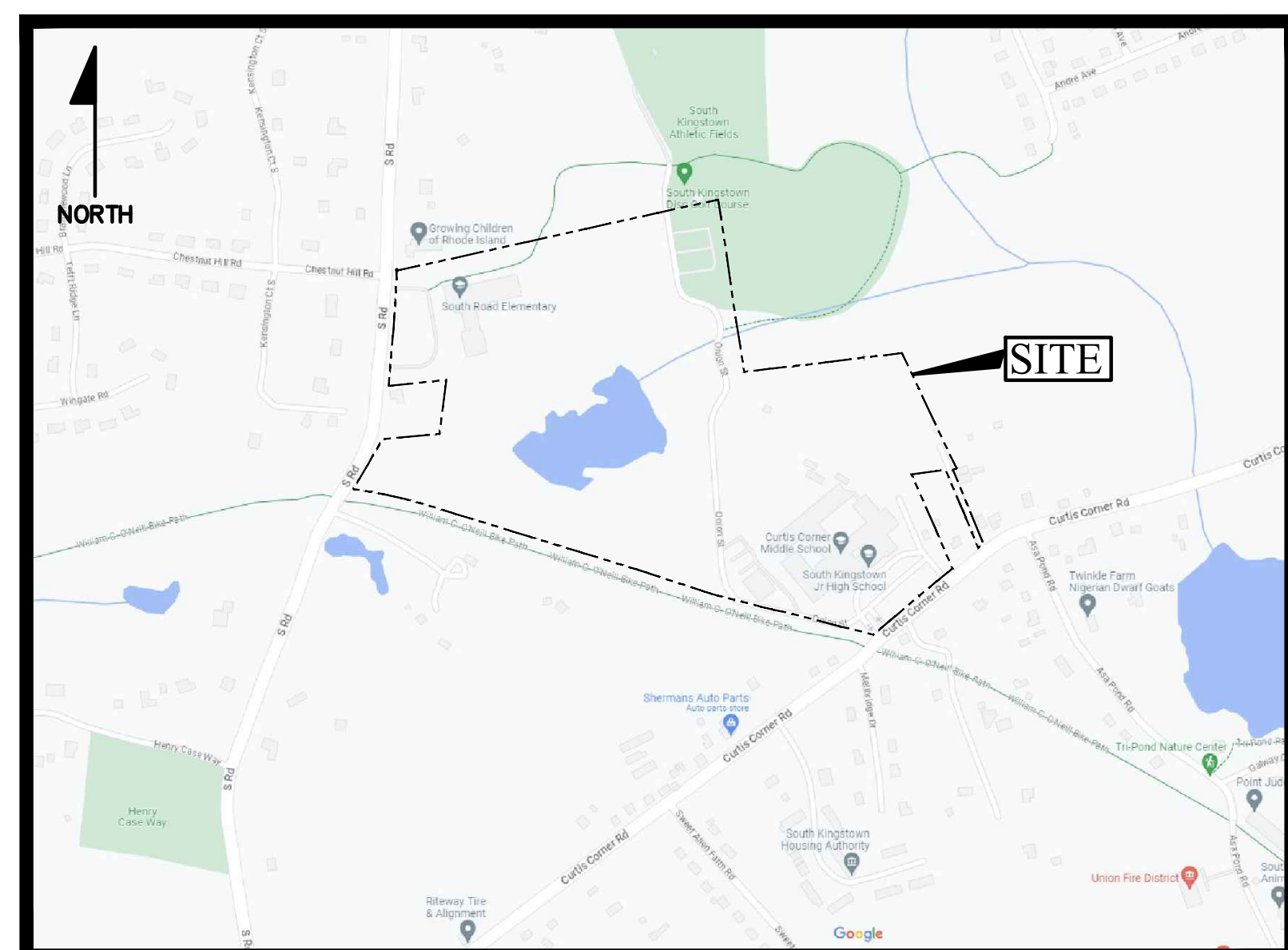


RIDE STAGE II
 SCHEMATIC DESIGN SITE PACKAGE
 FOR
 NEW CONSTRUCTION
 AT
**CURTIS CORNER MIDDLE SCHOOL
 & JUNIOR HIGH SCHOOL**



LOCUS MAP
 NOT TO SCALE

SHEET INDEX		
SHEET	PLAN TITLE	LATEST REVISION
-	COVER	-
C-1	SITE CONTEXT PLAN	-
C-2	DEMOLITION PLAN	-
C-3	SITE LAYOUT PLAN	-
C-4	DRAINAGE & UTILITIES PLAN	-
C-5	GRADING PLAN	-
C-6	CONSTRUCTION DETAILS - 1	-
C-7	CONSTRUCTION DETAILS - 2	-
C-8	CONSTRUCTION DETAILS - 3	-

PREPARED FOR:

STUDIO JAED
 42 WEYBOSETT STREET (SUITE 403)
 PROVIDENCE, RHODE ISLAND 02903

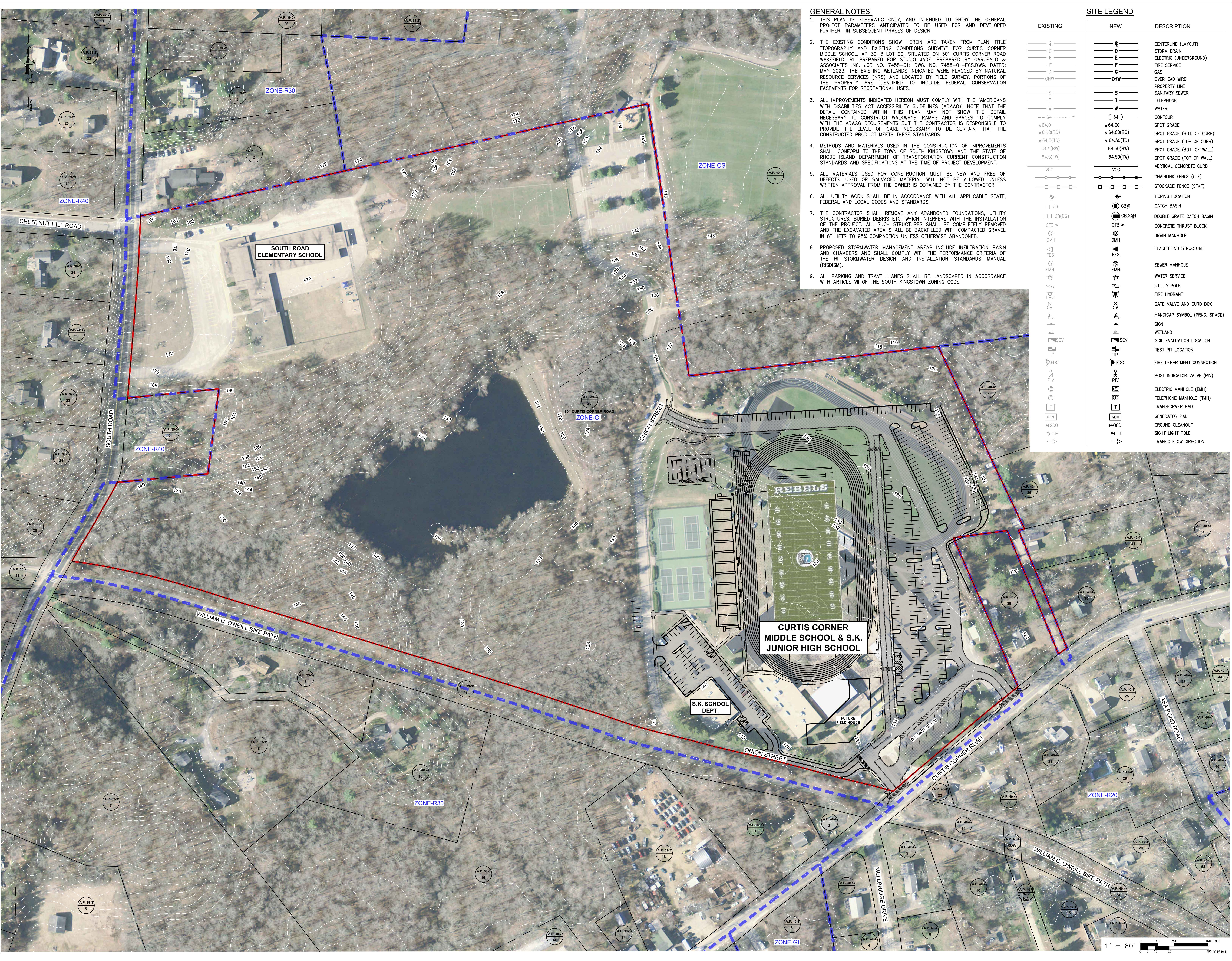
PREPARED BY:



JOB NO. 7458-01

DATE: JULY, 2023

7/17/2023 8:58 AM



GENERAL NOTES:

- THIS PLAN IS SCHEMATIC ONLY, AND INTENDED TO SHOW THE GENERAL PROJECT PARAMETERS ANTICIPATED TO BE USED FOR AND DEVELOPED FURTHER IN SUBSEQUENT PHASES OF DESIGN.
- THE EXISTING CONDITIONS SHOWN HEREIN ARE TAKEN FROM PLAN TITLE "TOPOGRAPHY AND EXISTING CONDITIONS SURVEY" FOR CURTIS CORNER MIDDLE SCHOOL, AP 39-3 LOT 20, SITUATED ON 301 CURTIS CORNER ROAD WAKEFIELD, RI, PREPARED FOR STUDIO JAED, PREPARED BY GAROFALO & ASSOCIATES INC. JOB NO. 7458-01; DWG. NO. 7458-01-ECS.DWG, DATED: MAY 2023. THE EXISTING WETLANDS INDICATED WERE FLAGGED BY NATURAL RESOURCE SERVICES (NRS) AND LOCATED BY FIELD SURVEY. PORTIONS OF THE PROPERTY ARE IDENTIFIED TO INCLUDE FEDERAL CONSERVATION EASEMENTS FOR RECREATIONAL USES.
- ALL IMPROVEMENTS INDICATED HEREON MUST COMPLY WITH THE "AMERICANS WITH DISABILITIES ACT" ACCESSIBILITY GUIDELINES (ADAAG). NOTE THAT THE DETAIL CONTAINED WITHIN THIS PLAN MAY NOT SHOW THE DETAIL NECESSARY TO CONSTRUCT WALKWAYS, RAMPS AND SPACES TO COMPLY WITH THE ADAAG REQUIREMENTS BUT THE CONTRACTOR IS RESPONSIBLE TO PROVIDE THE LEVEL OF CARE NECESSARY TO BE CERTAIN THAT THE CONSTRUCTED PRODUCT MEETS THESE STANDARDS.
- METHODS AND MATERIALS USED IN THE CONSTRUCTION OF IMPROVEMENTS SHALL CONFORM TO THE TOWN OF SOUTH KINGSTOWN AND THE STATE OF RHODE ISLAND DEPARTMENT OF TRANSPORTATION CURRENT CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE TIME OF PROJECT DEVELOPMENT.
- ALL MATERIALS USED FOR CONSTRUCTION MUST BE NEW AND FREE OF DEFECTS. USED OR SALVAGED MATERIAL WILL NOT BE ALLOWED UNLESS WRITTEN APPROVAL FROM THE OWNER IS OBTAINED BY THE CONTRACTOR.
- ALL UTILITY WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE, FEDERAL AND LOCAL CODES AND STANDARDS.
- THE CONTRACTOR SHALL REMOVE ANY ABANDONED FOUNDATIONS, UTILITY STRUCTURES, BURIED DEBRIS ETC. WHICH INTERFERE WITH THE INSTALLATION OF THE PROJECT. ALL SUCH STRUCTURES SHALL BE COMPLETELY REMOVED AND THE EXCAVATED AREA SHALL BE BACKFILLED WITH COMPACTED GRAVEL IN 6" LIFTS TO 95% COMPACTION UNLESS OTHERWISE ABANDONED.
- PROPOSED STORMWATER MANAGEMENT AREAS INCLUDE INFILTRATION BASIN AND CHAMBERS AND SHALL COMPLY WITH THE PERFORMANCE CRITERIA OF THE RI STORMWATER DESIGN AND INSTALLATION STANDARDS MANUAL (RISDISM).
- ALL PARKING AND TRAVEL LANES SHALL BE LANDSCAPED IN ACCORDANCE WITH ARTICLE VII OF THE SOUTH KINGSTOWN ZONING CODE.

SITE LEGEND

EXISTING	NEW	DESCRIPTION
C	C	CENTERLINE (LAYOUT)
D	D	STORM DRAIN
E	E	ELECTRIC (UNDERGROUND)
F	F	FIRE SERVICE
G	G	GAS
OHW	OHW	OVERHEAD WIRE
S	S	PROPERTY LINE
T	T	SANITARY SEWER
W	W	WATER
-64	64	CONTOUR
×64.0	×64.00	SPOT GRADE
×64.0(BC)	×64.00(BC)	SPOT GRADE (BOT. OF CURB)
×64.5(TC)	×64.50(TC)	SPOT GRADE (TOP OF CURB)
64.5(BW)	64.50(BW)	SPOT GRADE (BOT. OF WALL)
64.5(TW)	64.50(TW)	SPOT GRADE (TOP OF WALL)
VCC	VCC	VERTICAL CONCRETE CURB
CLF	CLF	CHAINLINK FENCE (CLF)
STKF	STKF	STOCKADE FENCE (STKF)
CB#	CB#	BORING LOCATION
CB#1	CB#1	CATCH BASIN
CB(DG)	CB(DG)	DOUBLE GRATE CATCH BASIN
CTB	CTB	CONCRETE THRUST BLOCK
DMH	DMH	DRAIN MANHOLE
FES	FES	FLARED END STRUCTURE
SMH	SMH	SEWER MANHOLE
WATER	WATER	WATER SERVICE
UTILITY POLE	UTILITY POLE	UTILITY POLE
FIRE HYDRANT	FIRE HYDRANT	FIRE HYDRANT
GATE VALVE AND CURB BOX	GATE VALVE AND CURB BOX	GATE VALVE AND CURB BOX
HANDICAP SYMBOL (PRKG, SPACE)	HANDICAP SYMBOL (PRKG, SPACE)	HANDICAP SYMBOL (PRKG, SPACE)
SIGN	SIGN	SIGN
WETLAND	WETLAND	WETLAND
SEV	SEV	SOIL EVALUATION LOCATION
TEST PIT LOCATION	TEST PIT LOCATION	TEST PIT LOCATION
FDC	FDC	FIRE DEPARTMENT CONNECTION
PIV	PIV	POST INDICATOR VALVE (PIV)
EMH	EMH	ELECTRIC MANHOLE (EMH)
TMH	TMH	TELEPHONE MANHOLE (TMH)
TRANSFORMER PAD	TRANSFORMER PAD	TRANSFORMER PAD
GEN	GEN	GENERATOR PAD
GCO	GCO	GROUND CLEANOUT
SIGHT LIGHT POLE	SIGHT LIGHT POLE	SIGHT LIGHT POLE
TRAFFIC FLOW DIRECTION	TRAFFIC FLOW DIRECTION	TRAFFIC FLOW DIRECTION

STUDIOJAED

ARCHITECTS + ENGINEERS + FACILITIES SOLUTIONS

CONSULTANT

GAROFALO & ASSOCIATES, INC.
CIVIL & STRUCTURAL ENGINEERS | SURVEYORS
LAND PLANNERS | ENVIRONMENTAL SCIENTISTS
85 CORLISS STREET
PROVIDENCE, RI 02940
(PH) 401-273-6000 (FX) 401-273-1000

THIS DRAWING IS THE PROPERTY OF STUDIOJAED AND IS PREPARED FOR THE EXCLUSIVE USE OF ITS CLIENTS AT THE LOCATION INDICATED. NO OTHER USE IS AUTHORIZED OR INTENDED.

THE PROFESSIONAL SERVICES OF THE ARCHITECT ARE UNDERTAKEN FOR AND ARE PERFORMED IN THE INTEREST OF NAME OF PERSON EMPLOYING ARCHITECT. NO CONTRACTUAL OBLIGATION IS ASSUMED BY THE ARCHITECT FOR THE BENEFIT OF ANY OTHER PERSON INVOLVED IN THE PROJECT.

SIGNATURE: _____
DATE OF SIGNATURE: _____
DATE OF REGISTRATION EXPIRATION: _____
ARCHITECT / ENGINEER SEAL

PROJECT: TOWN OF SOUTH KINGSTOWN NEW CONSTRUCTION AT THE CURTIS CORNER MIDDLE SCHOOL & SOUTH KINGSTOWN JUNIOR HIGH SCHOOL
301 CURTIS CORNER ROAD SOUTH KINGSTOWN, RI 02879

REVISIONS

MARK	DESCRIPTION	DATE
-	-	-

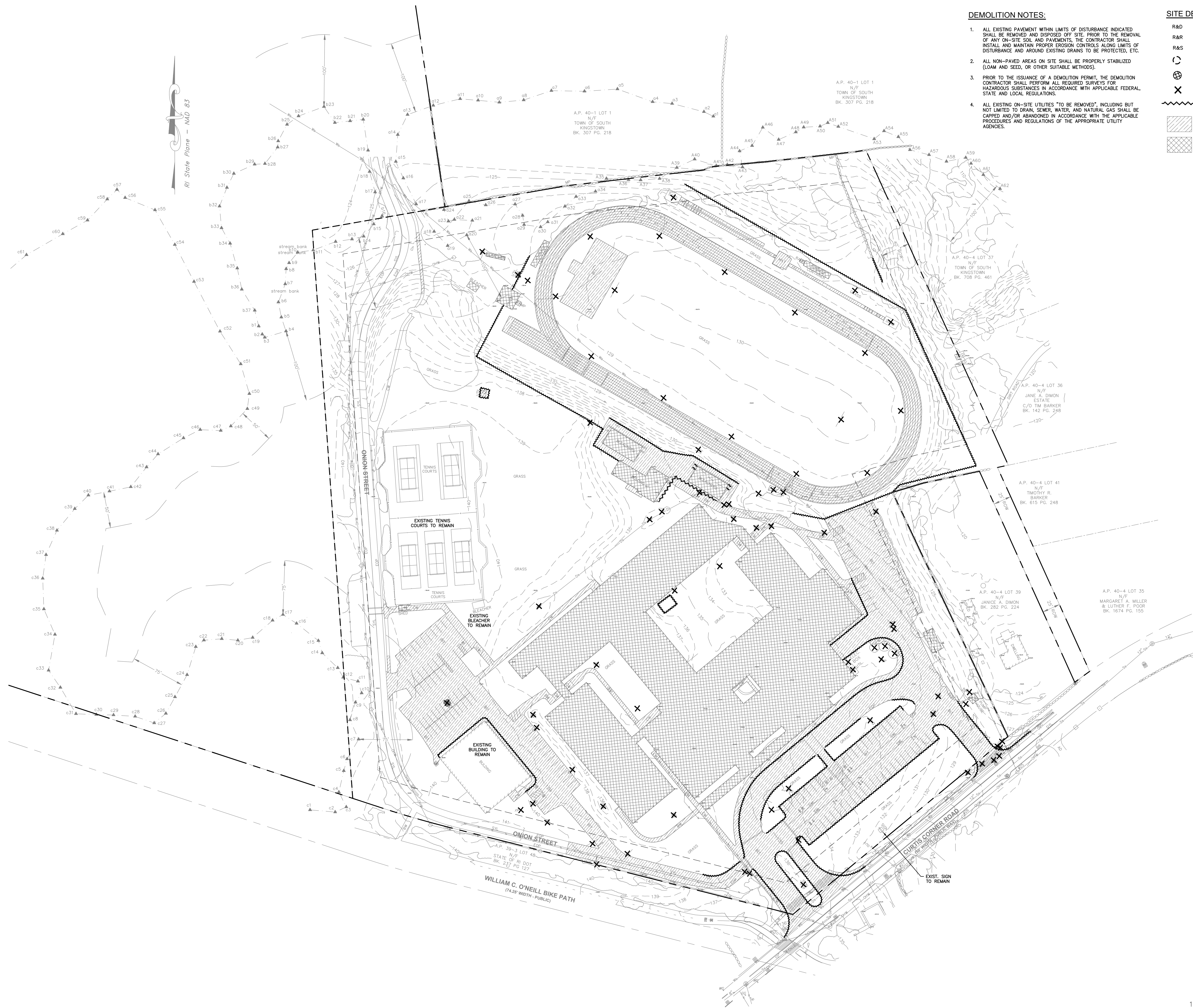
SHEET TITLE: SITE CONTEXT PLAN

RIDE STAGE II SCHEMATIC DESIGN

DRAWN: KJA	CHK'D: SSH	PROJECT NO: 7458.1
SHEET NO. C-1		

THE REGISTER OF THESE PLANS HAS DEVELOPED ELECTRONIC TRANSMISSIONS BY USE. THESE TRANSMISSIONS SHALL BE USED BY THE RECIPIENT OF THESE PLANS AS A REFERENCE ONLY AND NOT BE USED TO REPLACE THE ORIGINAL PLANS. THE REGISTER WILL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THESE PLANS. THE RECIPIENT OF THESE PLANS SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF THE DATA AND INFORMATION ON THE PLANS. THE RECIPIENT OF THESE PLANS SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL APPLICABLE AGENCIES. THE REGISTER HAS NO LIABILITY FOR ANY ERRORS OR OMISSIONS IN THESE PLANS. THE REGISTER HAS NO LIABILITY FOR ANY ERRORS OR OMISSIONS IN THESE PLANS. THE REGISTER HAS NO LIABILITY FOR ANY ERRORS OR OMISSIONS IN THESE PLANS.

7/17/2023 8:58 AM



DEMOLITION NOTES:

- ALL EXISTING PAVEMENT WITHIN LIMITS OF DISTURBANCE INDICATED SHALL BE REMOVED AND DISPOSED OFF SITE. PRIOR TO THE REMOVAL OF ANY ON-SITE SOIL AND PAVEMENTS, THE CONTRACTOR SHALL INSTALL AND MAINTAIN PROPER EROSION CONTROLS ALONG LIMITS OF DISTURBANCE AND AROUND EXISTING DRAINS TO BE PROTECTED, ETC.
- ALL NON-PAVED AREAS ON SITE SHALL BE PROPERLY STABILIZED (LOAM AND SEED, OR OTHER SUITABLE METHODS).
- PRIOR TO THE ISSUANCE OF A DEMOLITION PERMIT, THE DEMOLITION CONTRACTOR SHALL PERFORM ALL REQUIRED SURVEYS FOR HAZARDOUS SUBSTANCES IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.
- ALL EXISTING ON-SITE UTILITIES TO BE REMOVED, INCLUDING BUT NOT LIMITED TO DRAIN, SEWER, WATER, AND NATURAL GAS SHALL BE CAPPED AND/OR ABANDONED IN ACCORDANCE WITH THE APPLICABLE PROCEDURES AND REGULATIONS OF THE APPROPRIATE UTILITY AGENCIES.

SITE DEMOLITION LEGEND

- R&D REMOVE & DISPOSE
- R&R REMOVE & RELOCATE
- R&S REMOVE & SALVAGE
- (Symbol: Tree) TREE PROTECTION
- (Symbol: Circle with X) INLET PROTECTION
- (Symbol: X) REMOVE & DISPOSE SITE FEATURE
- (Symbol: Wavy line) REMOVE & DISPOSE LINEAR FEATURES
- (Symbol: Diagonal hatching) PAVEMENT/SIDEWALK TO BE REMOVED
- (Symbol: Grid hatching) BUILDING TO BE REMOVED

STUDIOJAED
 ARCHITECTS ■ ENGINEERS ■ FACILITIES SOLUTIONS
 Website: www.studiojaed.com
 Email: info@studiojaed.com

MARYLAND OFFICE
 207 FRODO STREET, P.O.
 CALUMPTON, MARYLAND
 216286

PROVIDENCE OFFICE
 42 WYBRISSET STREET,
 PROVIDENCE, RHODE ISLAND 02903
 P: (401) 532-1652
 F: (401) 532-9284

DELAWARE OFFICE
 2500 WINDGATE HILL ROAD,
 BEAR, DELAWARE 19701
 P: (302) 832-1652
 F: (302) 832-9284

GAROFALO
 GAROFALO & ASSOCIATES, INC.
 CIVIL & STRUCTURAL ENGINEERS \ SURVEYORS
 LAND PLANNERS \ ENVIRONMENTAL SCIENTISTS
 85 CORLISS STREET
 P.O. BOX 145
 PROVIDENCE, RI 02940
 (PH) 401-273-6000 (FX) 401-273-1000

THIS DRAWING IS THE PROPERTY OF STUDIOJAED, AND IS PREPARED FOR THE EXCLUSIVE USE OF ITS CLIENTS AT THE LOCATION INDICATED. NO OTHER USE IS AUTHORIZED OR INTENDED.

THE PROFESSIONAL SERVICES OF THE ARCHITECT ARE UNDERTAKEN FOR AND ARE PERFORMED IN THE INTEREST OF NAME OF PERSON EMPLOYING ARCHITECT. NO CONTRACTUAL OBLIGATION IS ASSUMED BY THE ARCHITECT FOR THE BENEFIT OF ANY OTHER PERSON INVOLVED IN THE PROJECT.

SIGNATURE: _____
 DATE OF SIGNATURE: _____
 DATE OF REGISTRATION EXPIRATION: _____

ARCHITECT / _____
 ENGINEER SEAL

PROJECT
TOWN OF SOUTH KINGSTOWN
NEW CONSTRUCTION

AT THE
CURTIS CORNER MIDDLE SCHOOL & SOUTH KINGSTOWN JUNIOR HIGH SCHOOL
 301 CURTIS CORNER ROAD
 SOUTH KINGSTOWN, RI 02879

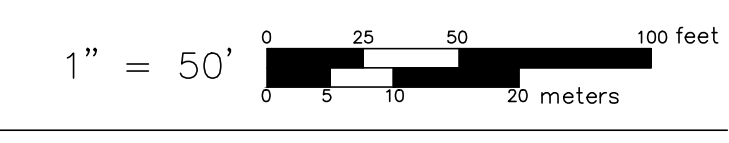
REVISIONS		
MARK	DESCRIPTION	DATE

DEMOLITION PLAN

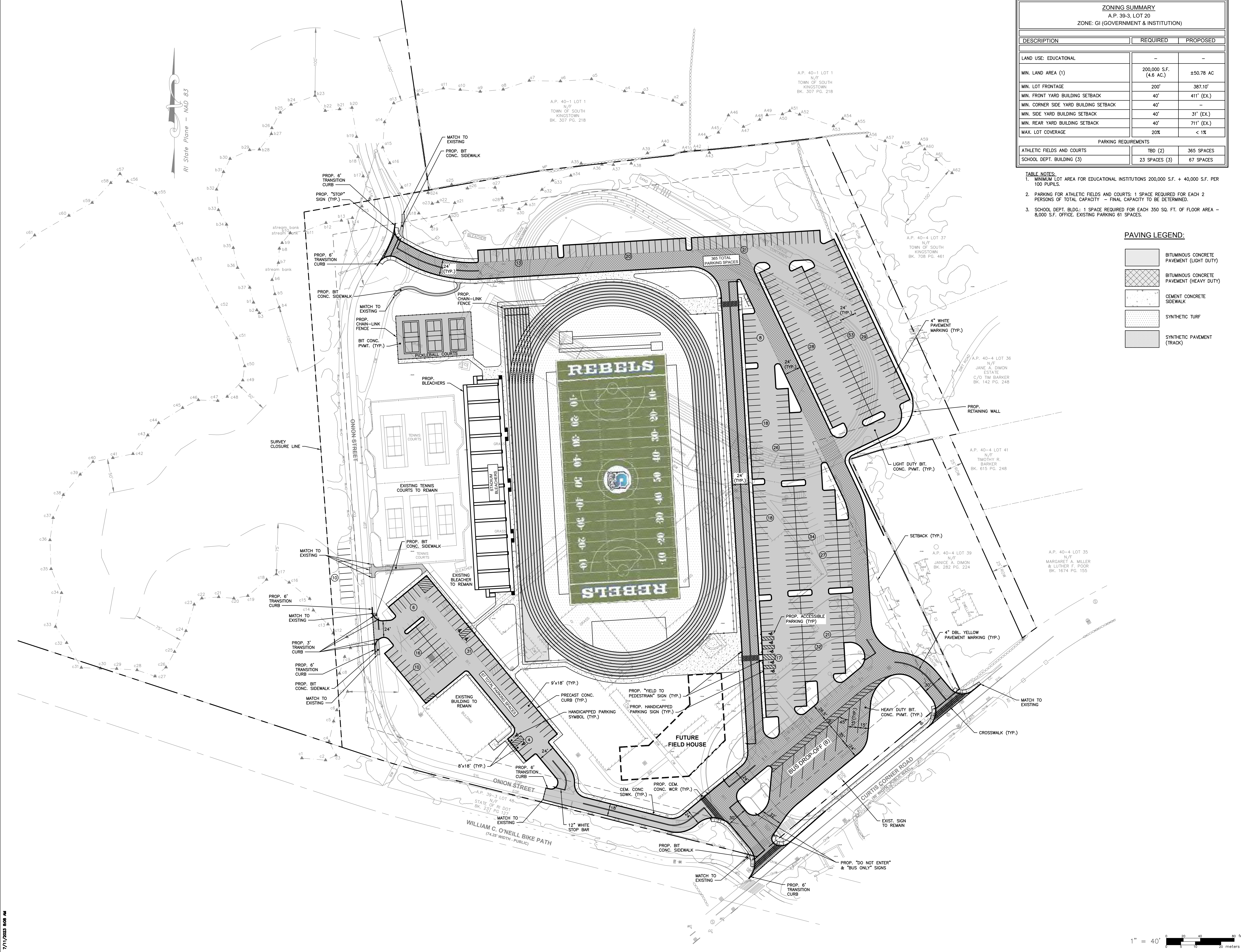
RIDE STAGE II SCHEMATIC DESIGN

7-12-2023	PROJECT NO
DRAWN CHK'D	SSH
KJA	7458.1
SHEET NO.	

C-2



THE REGISTER OF PROFESSIONAL ENGINEERS AND ARCHITECTS HAS REVIEWED THE INFORMATION ON THIS PLAN AND HAS FOUND IT TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROFESSIONAL ENGINEERING AND ARCHITECTURE ACTS. THE REGISTER HAS REVIEWED THE INFORMATION ON THIS PLAN AND HAS FOUND IT TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROFESSIONAL ENGINEERING AND ARCHITECTURE ACTS. THE REGISTER HAS REVIEWED THE INFORMATION ON THIS PLAN AND HAS FOUND IT TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROFESSIONAL ENGINEERING AND ARCHITECTURE ACTS.



ZONING SUMMARY		
A.P. 39-3, LOT 20		
ZONE: GI (GOVERNMENT & INSTITUTION)		
DESCRIPTION	REQUIRED	PROPOSED
LAND USE: EDUCATIONAL	-	-
MIN. LAND AREA (1)	200,000 S.F. (4.6 AC.)	±50.78 AC
MIN. LOT FRONTAGE	200'	387.10'
MIN. FRONT YARD BUILDING SETBACK	40'	411' (EX.)
MIN. CORNER SIDE YARD BUILDING SETBACK	40'	-
MIN. SIDE YARD BUILDING SETBACK	40'	31' (EX.)
MIN. REAR YARD BUILDING SETBACK	40'	711' (EX.)
MAX. LOT COVERAGE	20%	< 1%
PARKING REQUIREMENTS		
ATHLETIC FIELDS AND COURTS	TBD (2)	365 SPACES
SCHOOL DEPT. BUILDING (3)	23 SPACES (3)	67 SPACES

- TABLE NOTES:
- MINIMUM LOT AREA FOR EDUCATIONAL INSTITUTIONS 200,000 S.F. + 40,000 S.F. PER 100 FUPLS.
 - PARKING FOR ATHLETIC FIELDS AND COURTS: 1 SPACE REQUIRED FOR EACH 2 PERSONS OF TOTAL CAPACITY - FINAL CAPACITY TO BE DETERMINED.
 - SCHOOL DEPT. BLDG.: 1 SPACE REQUIRED FOR EACH 350 SQ. FT. OF FLOOR AREA - 8,000 S.F. OFFICE. EXISTING PARKING 61 SPACES.

PAVING LEGEND:

	BITUMINOUS CONCRETE PAVEMENT (LIGHT DUTY)
	BITUMINOUS CONCRETE PAVEMENT (HEAVY DUTY)
	CEMENT CONCRETE PAVEMENT
	SYNTHETIC TURF
	SYNTHETIC PAVEMENT (TRACK)

STUDIOJAED
 ARCHITECTS ■ ENGINEERS ■ FACILITIES SOLUTIONS
 200 WINDMILL ROAD, PROVIDENCE, RI 02904
 P: (401) 273-6000 F: (401) 273-1000
 WWW.STUDIOJAED.COM

GROFALO
 GANOFALO & ASSOCIATES, INC.
 CIVIL & STRUCTURAL ENGINEERS, INC.
 LAND PLANNERS ■ ENVIRONMENTAL SCIENTISTS
 85 CORLISS STREET, PROVIDENCE, RI 02904
 P: (401) 273-6000 F: (401) 273-1000

THIS DRAWING IS THE PROPERTY OF STUDIOJAED, AND IS PREPARED FOR THE EXCLUSIVE USE OF ITS CLIENTS AT THE LOCATION INDICATED. NO OTHER USE IS AUTHORIZED OR INTENDED.

THE PROFESSIONAL SERVICES OF THE ARCHITECT ARE UNDERTAKEN FOR AND ARE PERFORMED IN THE INTEREST OF THE CLIENT. NO CONTRACTUAL OBLIGATION IS ASSUMED BY THE ARCHITECT FOR THE BENEFIT OF ANY OTHER PERSON INVOLVED IN THE PROJECT.

SIGNATURE: _____
 DATE OF SIGNATURE: _____
 DATE OF REGISTRATION EXPIRATION: _____
 ARCHITECT / ENGINEER SEAL

PROJECT: TOWN OF SOUTH KINGSTOWN
 NEW CONSTRUCTION
 AT THE
 CURTIS CORNER MIDDLE SCHOOL & SOUTH KINGSTOWN JUNIOR HIGH SCHOOL
 301 CURTIS CORNER ROAD
 SOUTH KINGSTOWN, RI 02879

REVISIONS		
MARK	DESCRIPTION	DATE

SHEET TITLE: **SITE LAYOUT PLAN**

RIDE STAGE II SCHEMATIC DESIGN

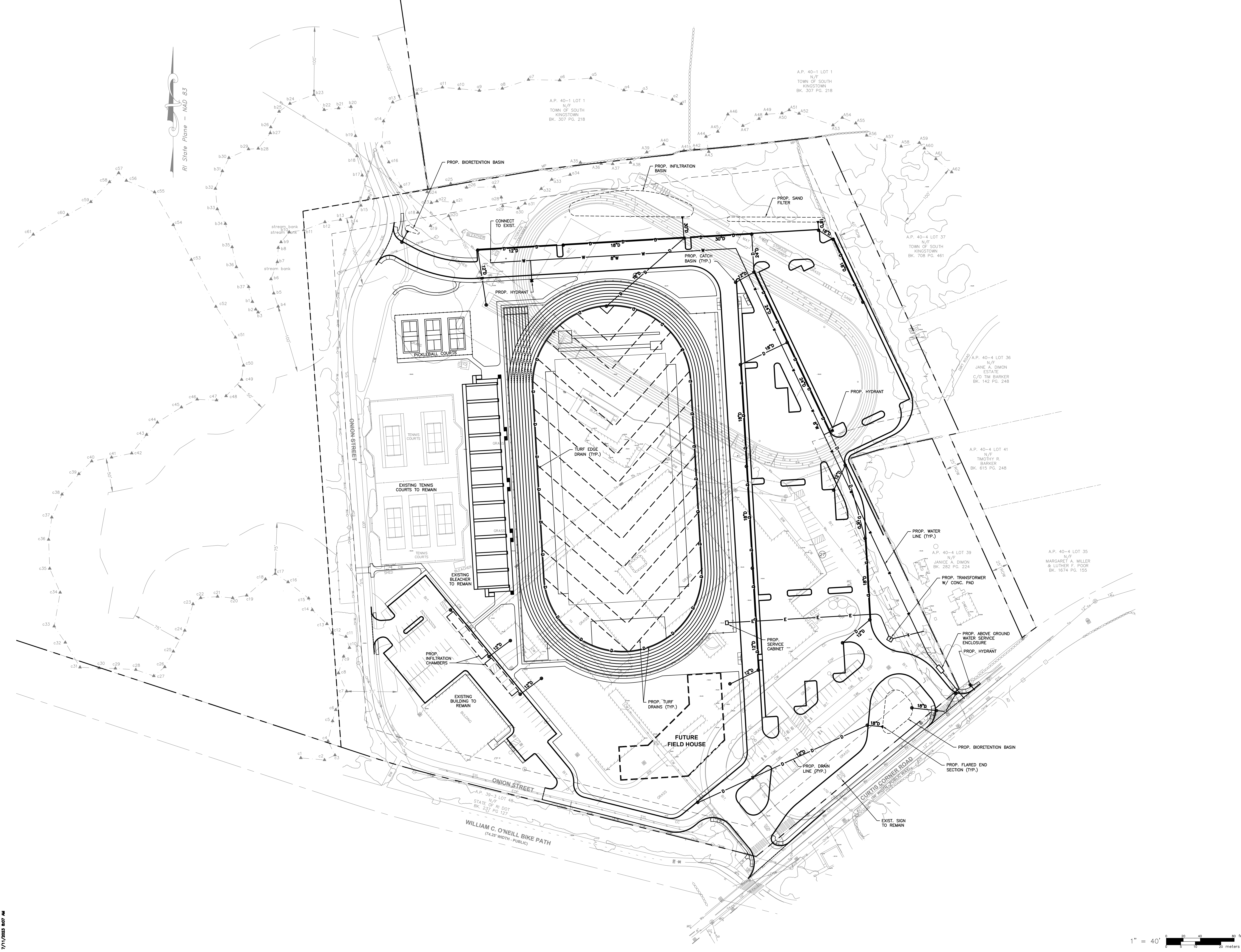
7-12-2023

DRAWN: KJA CHK'D: SSH PROJECT NO: 7458.1

SHEET NO. **C-3**



THE REGISTER OF PROFESSIONAL ENGINEERS AND ARCHITECTS HAS REVIEWED THIS DRAWING FOR CONFORMANCE WITH THE REQUIREMENTS OF THE REGISTERED PROFESSIONAL ENGINEERS AND ARCHITECTS ACT AND HAS ISSUED THIS CERTIFICATE OF REGISTRATION. THE REGISTER DOES NOT GUARANTEE THE ACCURACY OF THE DATA OR THE DESIGN OR THE PERFORMANCE OF THE PROJECT. THE REGISTER DOES NOT GUARANTEE THE ACCURACY OF THE DATA OR THE DESIGN OR THE PERFORMANCE OF THE PROJECT. THE REGISTER DOES NOT GUARANTEE THE ACCURACY OF THE DATA OR THE DESIGN OR THE PERFORMANCE OF THE PROJECT.



RI State Plane - NAD 83

1" = 40'
 0 20 40 60 feet
 0 5 10 20 meters

STUDIOJAED
 ARCHITECTS ■ ENGINEERS ■ FACILITIES SOLUTIONS
 Website: www.studiojaed.com
 Email: info@studiojaed.com
 DELAWARE OFFICE
 280 WYOMING HILL ROAD
 BEAR, DELAWARE 19701
 P: (302) 832-1692
 F: (302) 832-0864
 MARYLAND OFFICE
 203 FRODO STREET, P.O.
 CRUMPTON, MARYLAND
 21626

CONSULTANT

GAROFALO
 GAROFALO & ASSOCIATES, INC.
 CIVIL & STRUCTURAL ENGINEERS ■ SURVEYORS
 LAND PLANNERS ■ ENVIRONMENTAL SCIENTISTS
 85 COLLIS STREET
 P.O. BOX 145
 PROVIDENCE, RI 02940
 (PH) 401-273-6000 (FX) 401-273-1000

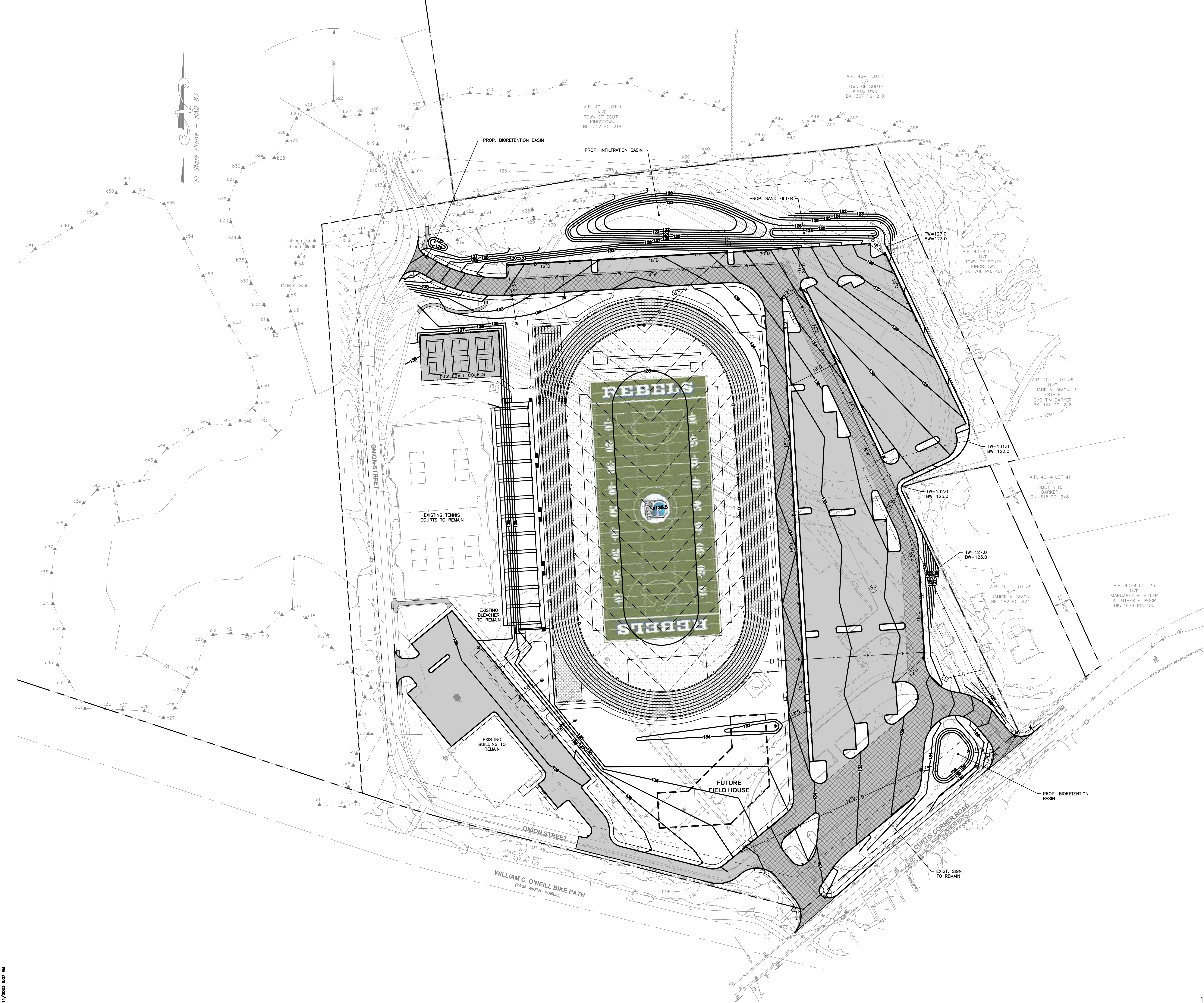
THIS DRAWING IS THE PROPERTY OF STUDIOJAED, AND IS PREPARED FOR THE EXCLUSIVE USE OF ITS CLIENTS AT THE LOCATION INDICATED. NO OTHER USE IS AUTHORIZED OR INTENDED.
 THE PROFESSIONAL SERVICES OF THE ARCHITECT ARE UNDERTAKEN FOR AND ARE PERFORMED IN THE INTEREST OF THE NAME OF PERSON EMPLOYING ARCHITECT. NO CONTRACTUAL OBLIGATION IS ASSUMED BY THE ARCHITECT FOR THE BENEFIT OF ANY OTHER PERSON INVOLVED IN THE PROJECT.
 SIGNATURE:
 DATE OF SIGNATURE:
 DATE OF REGISTRATION EXPIRATION:
 ARCHITECT / ENGINEER SEAL

PROJECT
**TOWN OF SOUTH KINGSTOWN
 NEW CONSTRUCTION
 AT THE
 CURTIS CORNER MIDDLE SCHOOL &
 SOUTH KINGSTOWN JUNIOR HIGH SCHOOL
 301 CURTIS CORNER ROAD
 SOUTH KINGSTOWN, RI 02879**

REVISIONS		
MARK	DESCRIPTION	DATE

SHEET TITLE
DRAINAGE & UTILITY PLAN
 RIDE STAGE II
 SCHEMATIC DESIGN
 7-12-2023
 DRAWN | CHK'D | PROJECT NO
 KJA | SSH | 7458.1
 SHEET NO.
C-4

THE RECEIVER OF THESE PLANS HEREBY ACKNOWLEDGES THAT THE ARCHITECT HAS NOT BEEN ADVISED OF ANY CHANGES TO THE DATA OR PLANS OR ANY ENGINEERING WORK DIRECTLY RELATED TO THE PROJECT FROM INSIGHT ARCHITECTS. THE RECEIVER SHALL BE RESPONSIBLE FOR VERIFYING THE DATA AND INFORMATION ON THE PLANS. THE RECEIVER WARRANTS THAT IT WILL NOT REPRODUCE OR OTHERWISE MAKE USE OF THE DATA OR PLANS FOR ANY OTHER PROJECT.



RI State Plane - NAD 83

1" = 40' 0" 20' 40' 80' feet
0 5 10 20 meters

STUDIOJAED
 ARCHITECTS ■ ENGINEERS ■ FACILITIES SOLUTIONS
 Website: www.studiojaed.com Email: info@studiojaed.com
 DELAWARE OFFICE: 2800 WYOMING HILL ROAD, BEAR, DELAWARE 19711 P: (302) 832-1692 F: (302) 832-0864
 PROVIDENCE OFFICE: 42 WYBROSSET STREET, PROVIDENCE, RHODE ISLAND 02903 P: (401) 852-1692 F: (401) 852-0864
 MARYLAND OFFICE: 213 FROXY STREET, P.O. BOX 100, CRUMPTON, MARYLAND 21626

GAROFALO
 GAROFALO & ASSOCIATES, INC.
 CIVIL & STRUCTURAL ENGINEERS ■ SURVEYORS
 LAND PLANNERS ■ ENVIRONMENTAL SCIENTISTS
 65 COLLIS STREET, P.O. BOX 145
 PROVIDENCE, RI 02940
 (PH) 401-273-6000 (FX) 401-273-1000

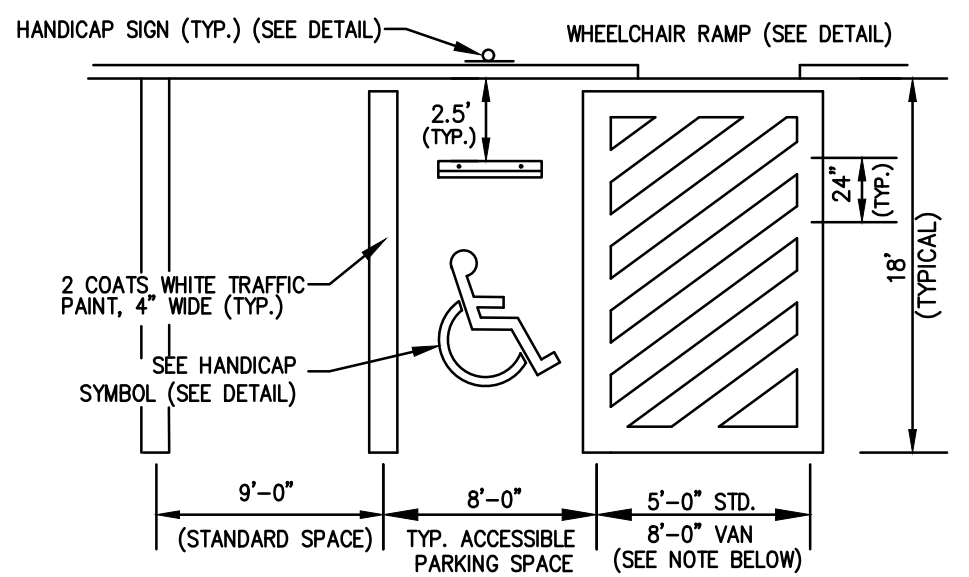
THIS DRAWING IS THE PROPERTY OF STUDIOJAED, AND IS PREPARED FOR THE EXCLUSIVE USE OF ITS CLIENTS AT THE LOCATION INDICATED. NO OTHER USE IS AUTHORIZED OR INTENDED.
 THE PROFESSIONAL SERVICES OF THE ARCHITECT ARE UNDERTAKEN FOR AND ARE PERFORMED IN THE INTEREST OF THE NAME OF PERSON EMPLOYING ARCHITECT. NO CONTRACTUAL OBLIGATION IS ASSUMED BY THE ARCHITECT FOR THE BENEFIT OF ANY OTHER PERSON INVOLVED IN THE PROJECT.
 SIGNATURE: _____
 DATE OF SIGNATURE: _____
 DATE OF REGISTRATION EXPIRATION: _____
 ARCHITECT / ENGINEER SEAL

PROJECT: TOWN OF SOUTH KINGSTOWN
 AT THE NEW CONSTRUCTION
 CURTIS CORNER MIDDLE SCHOOL & SOUTH KINGSTOWN JUNIOR HIGH SCHOOL
 301 CURTIS CORNER ROAD
 SOUTH KINGSTOWN, RI 02879

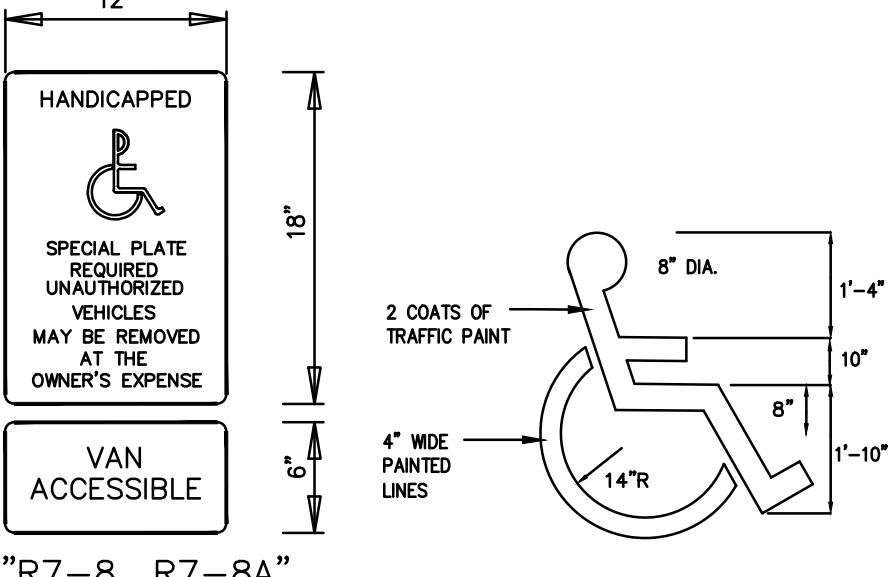
REVISIONS		
MARK	DESCRIPTION	DATE

SHEET TITLE: **GRADING PLAN**
 RIDE STAGE II SCHEMATIC DESIGN
 7-12-2023
 DRAWN: KJA CHK'D: SSH PROJECT NO: 7458.1
 SHEET NO. **C-5**

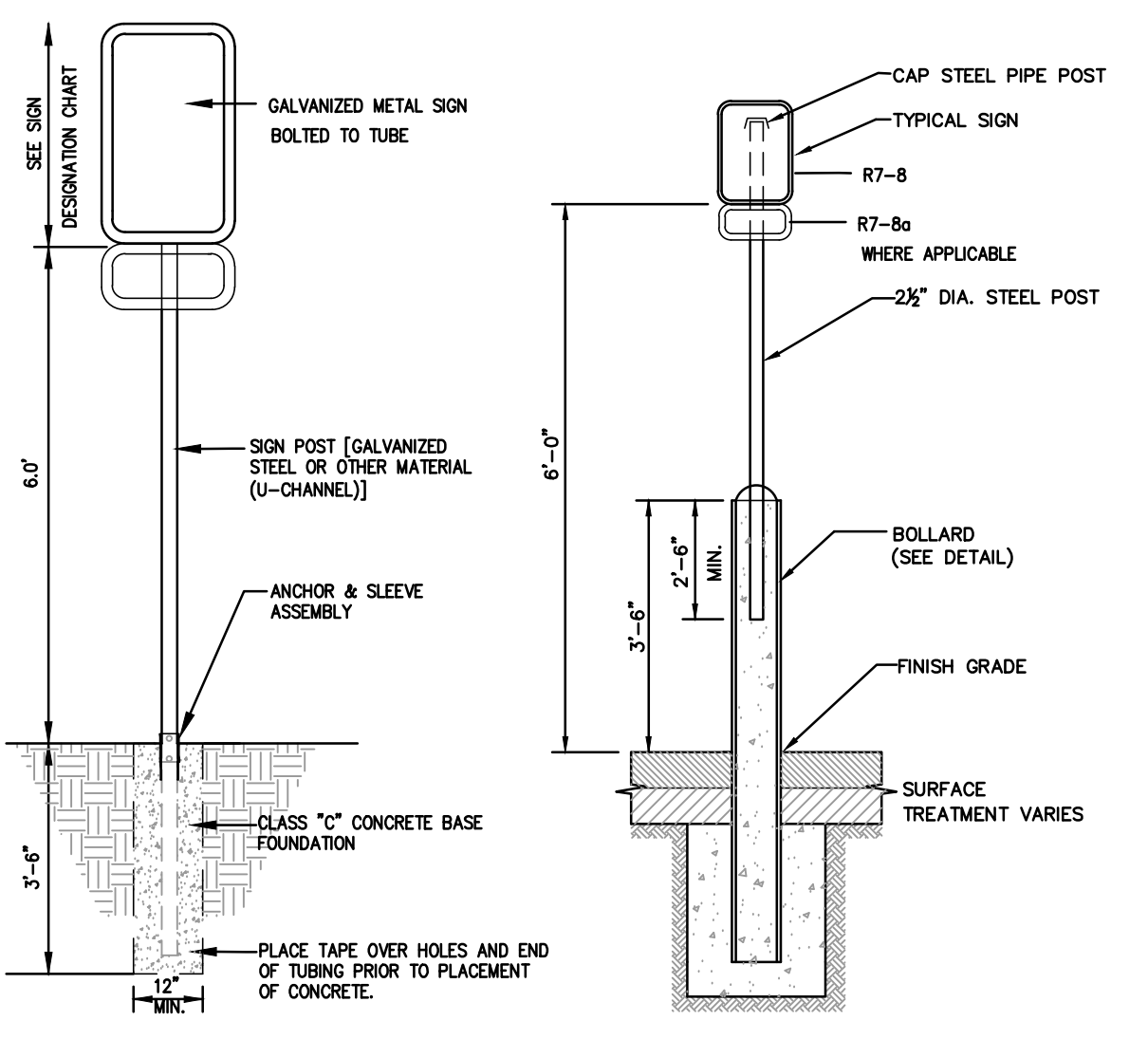
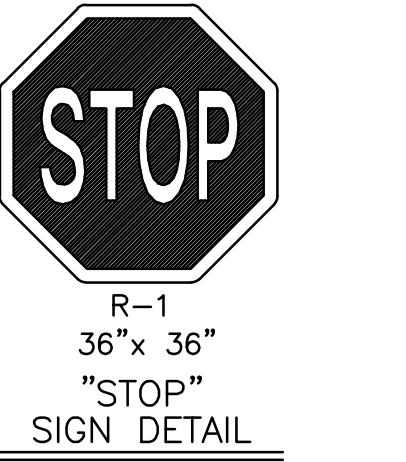
7/1/2023 8:07 AM



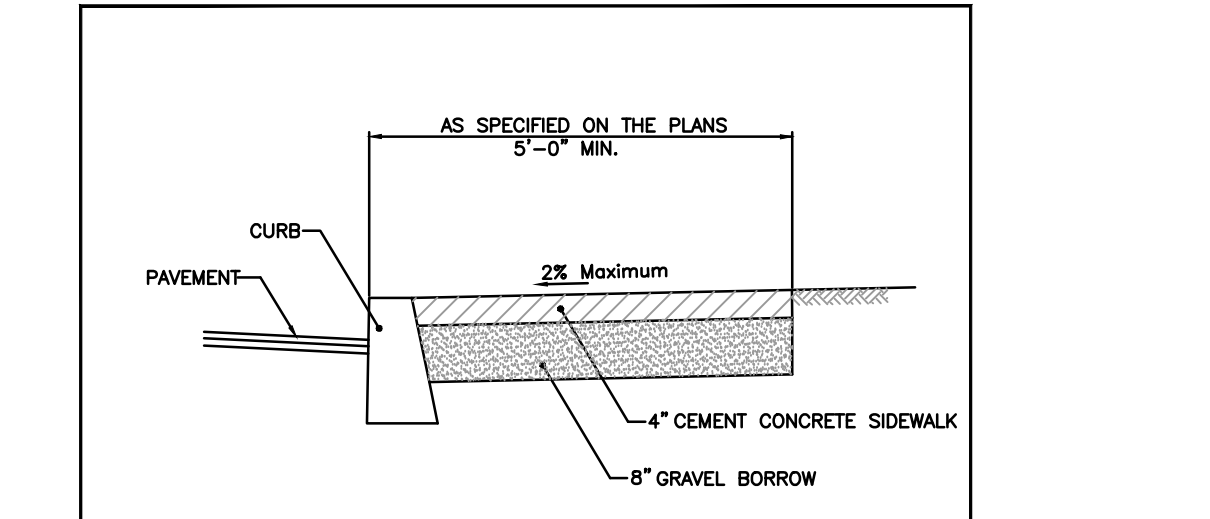
PAVEMENT STRIPING DETAIL
NOT TO SCALE



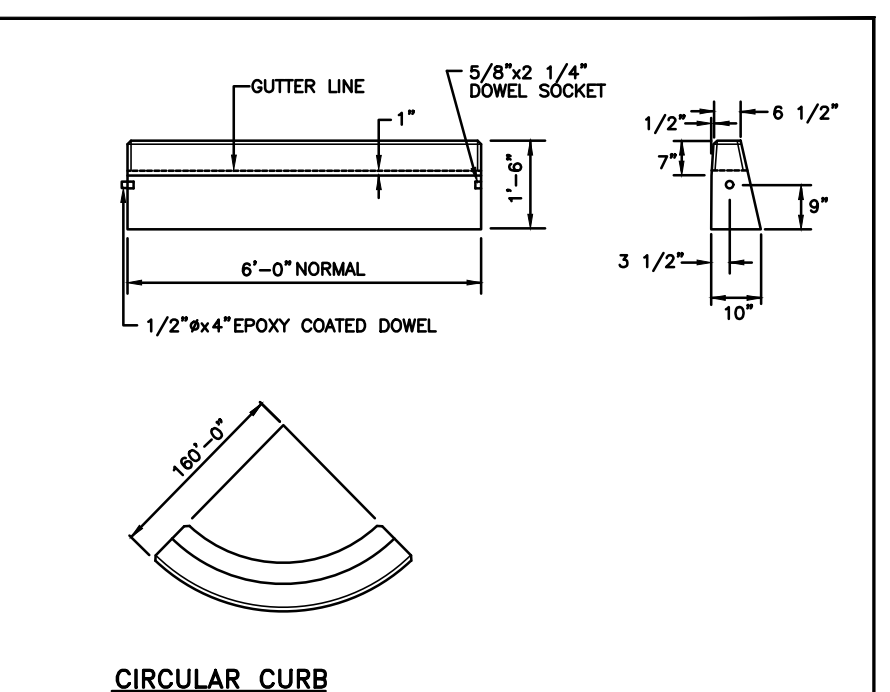
"R7-8, R7-8A" SIGN DETAIL
NOT TO SCALE



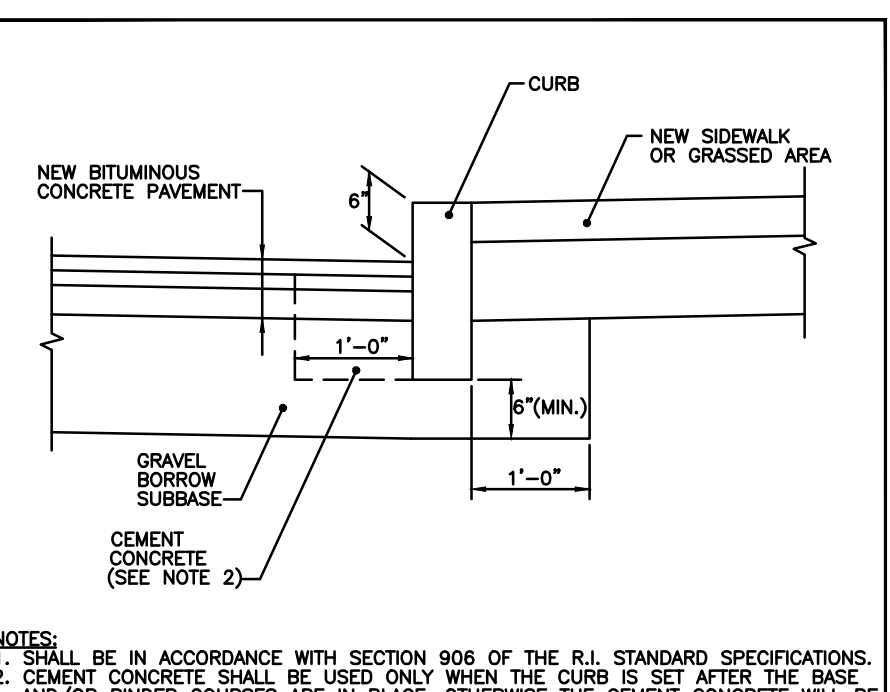
SIGNAGE DETAIL
NOT TO SCALE



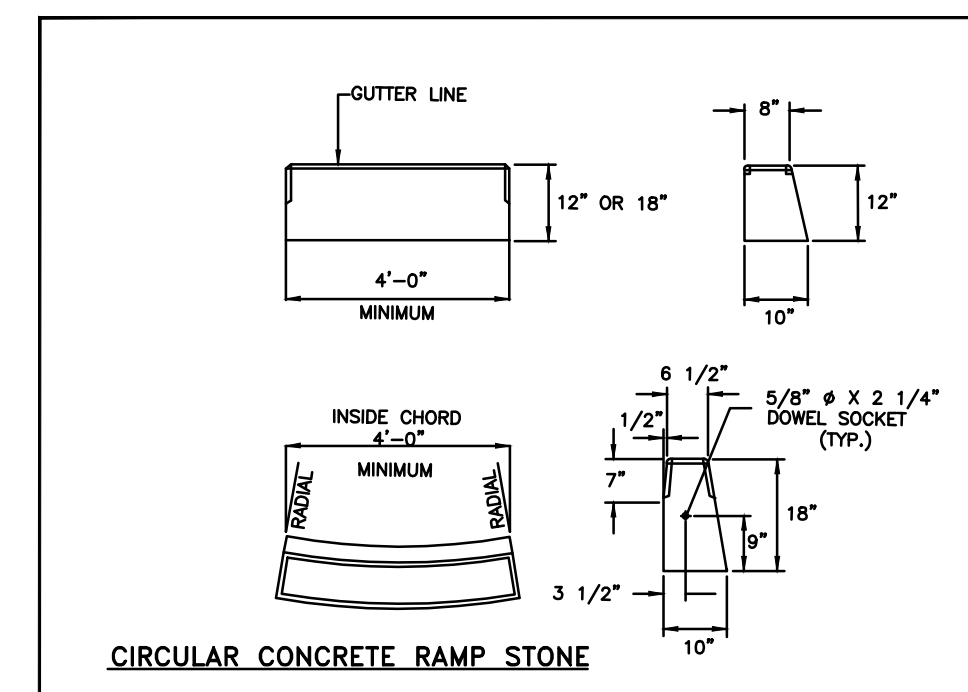
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
CEMENT CONCRETE SIDEWALK
NO. 1 BY DATE: 1 M.P. 06/27/19
2 M.P. 06/27/19
R.I. STANDARD 43.1.0
JUNE 15, 1998



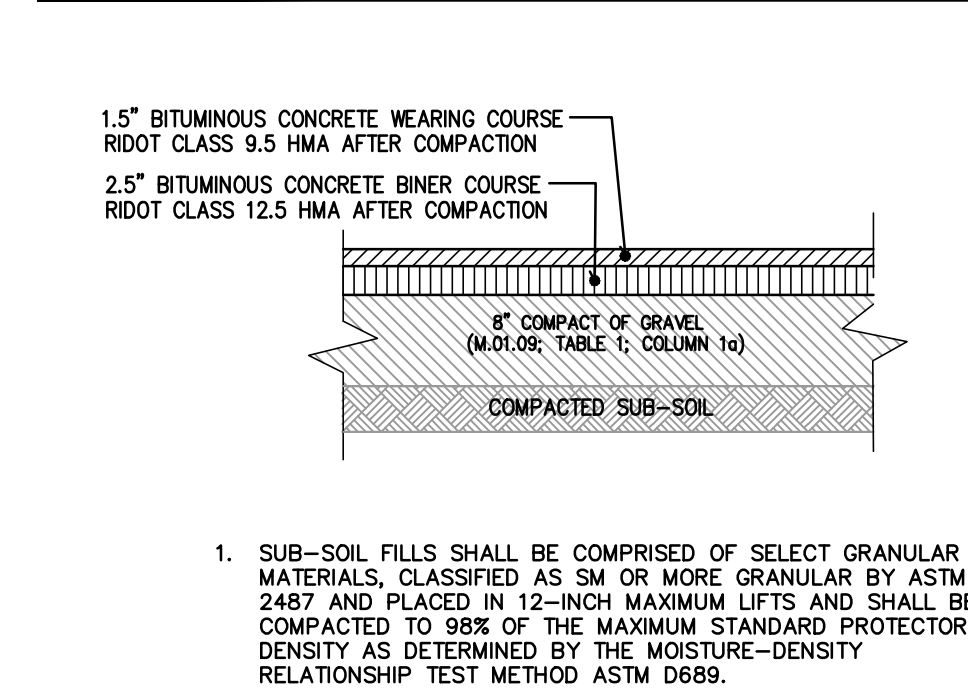
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
PRECAST CONCRETE CURB
NO. 1 BY DATE: 1 M.P. 06/27/19
2 M.P. 06/27/19
R.I. STANDARD 7.1.0
JUNE 15, 1998



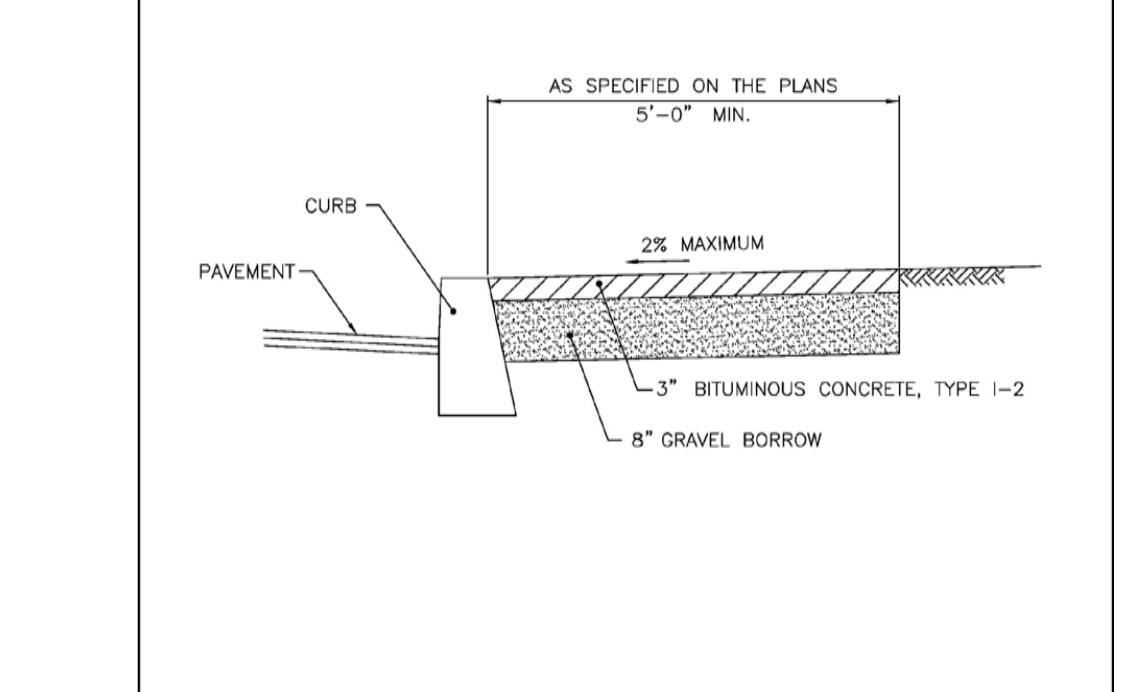
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
CURB SETTING DETAIL
NO. 1 BY DATE: 1 M.P. 06/27/19
2 M.P. 06/27/19
R.I. STANDARD 7.1.9
JUNE 15, 1998



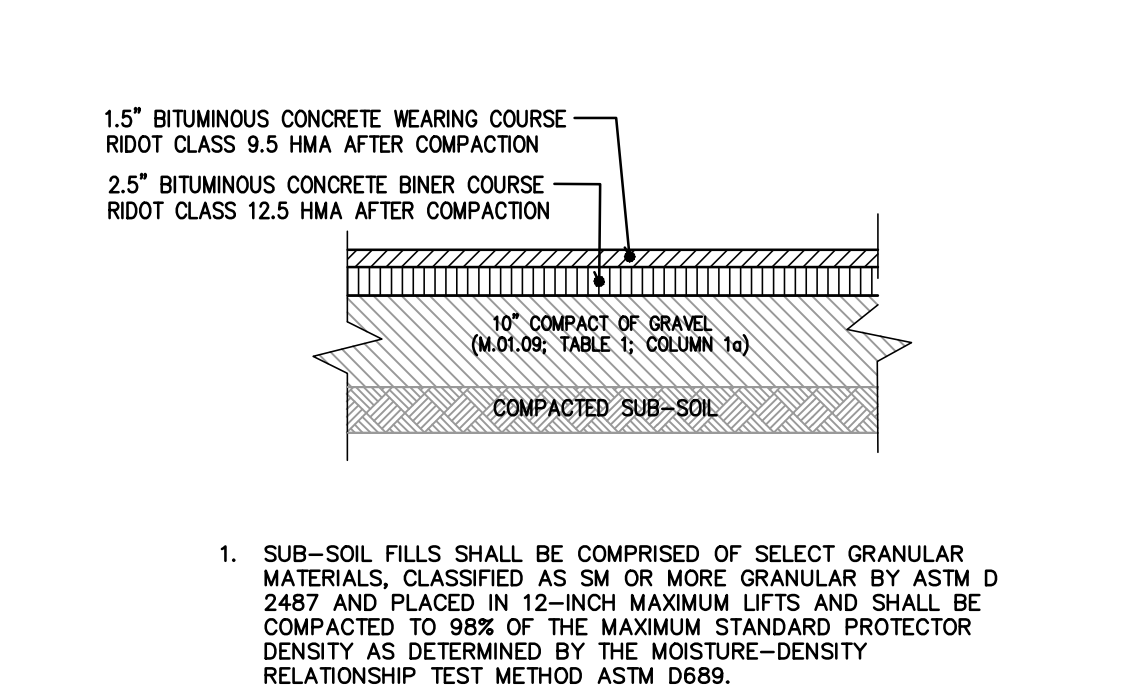
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
PRECAST CONCRETE RAMP STONE
NO. 1 BY DATE: 1 M.P. 06/27/19
2 M.P. 06/27/19
R.I. STANDARD 7.1.8
JUNE 27, 2008



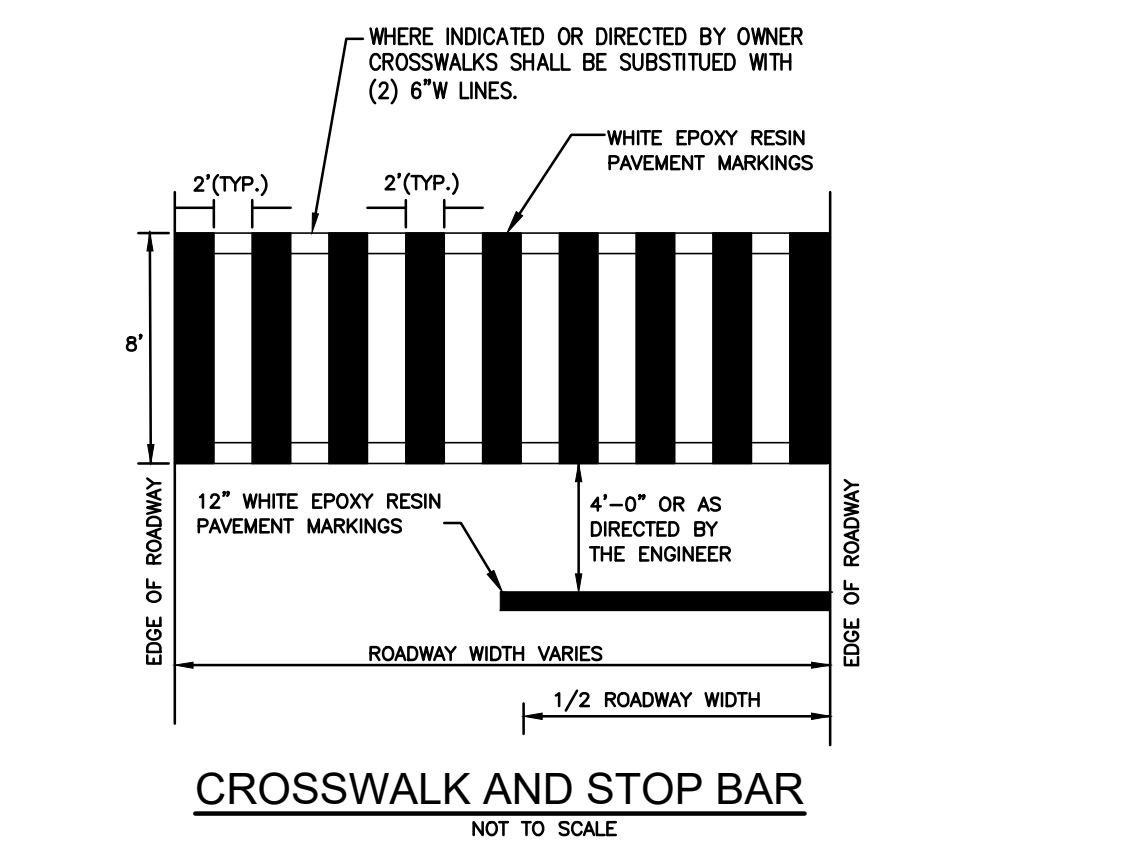
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
STANDARD DUTY BITUMINOUS CONCRETE PAVEMENT SECTION
NOT TO SCALE



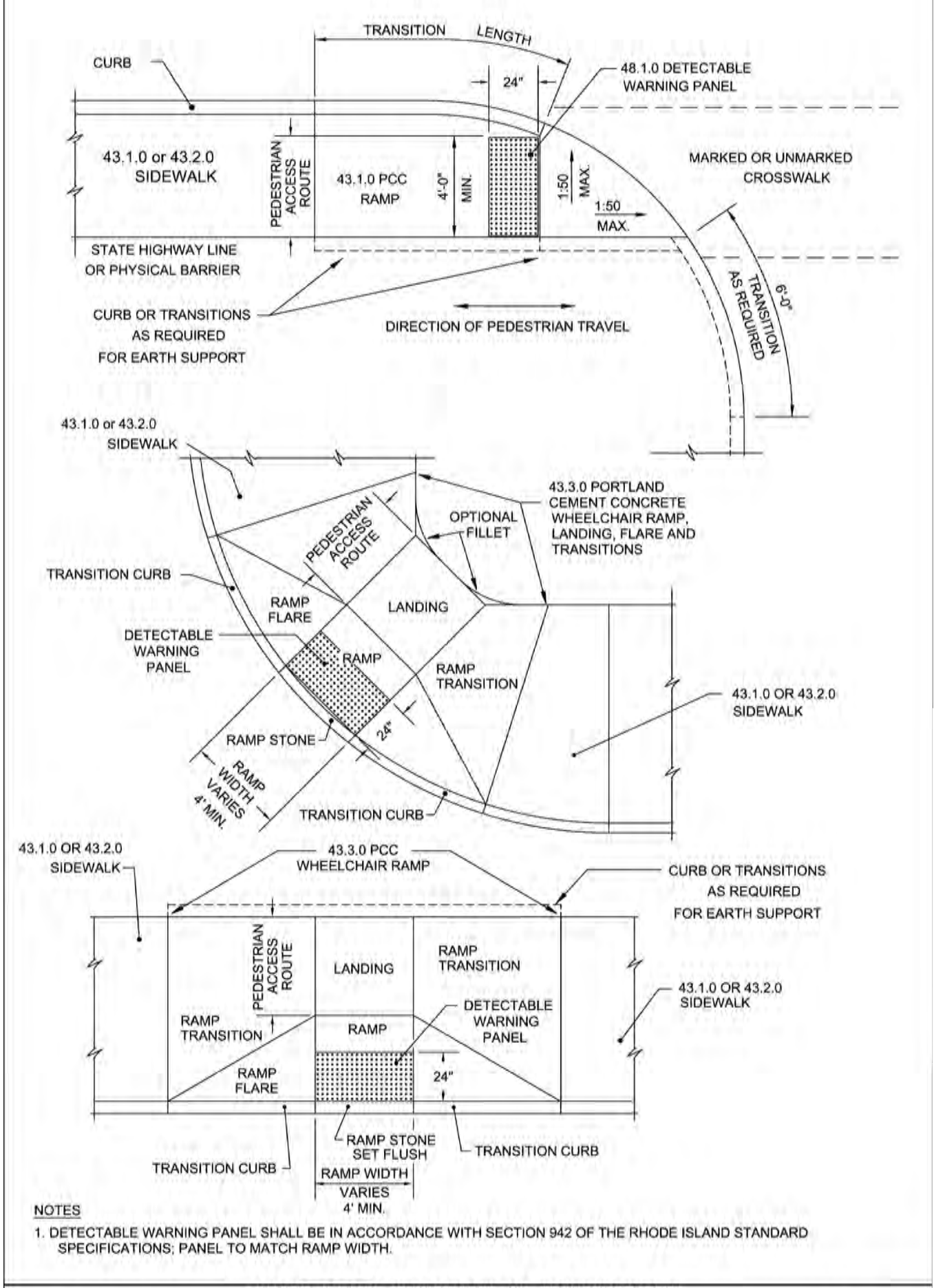
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
BITUMINOUS CONCRETE SIDEWALK
NO. 1 BY DATE: 1 M.P. 06/27/19
2 M.P. 06/27/19
R.I. STANDARD 43.2.0
JUNE 15, 1998



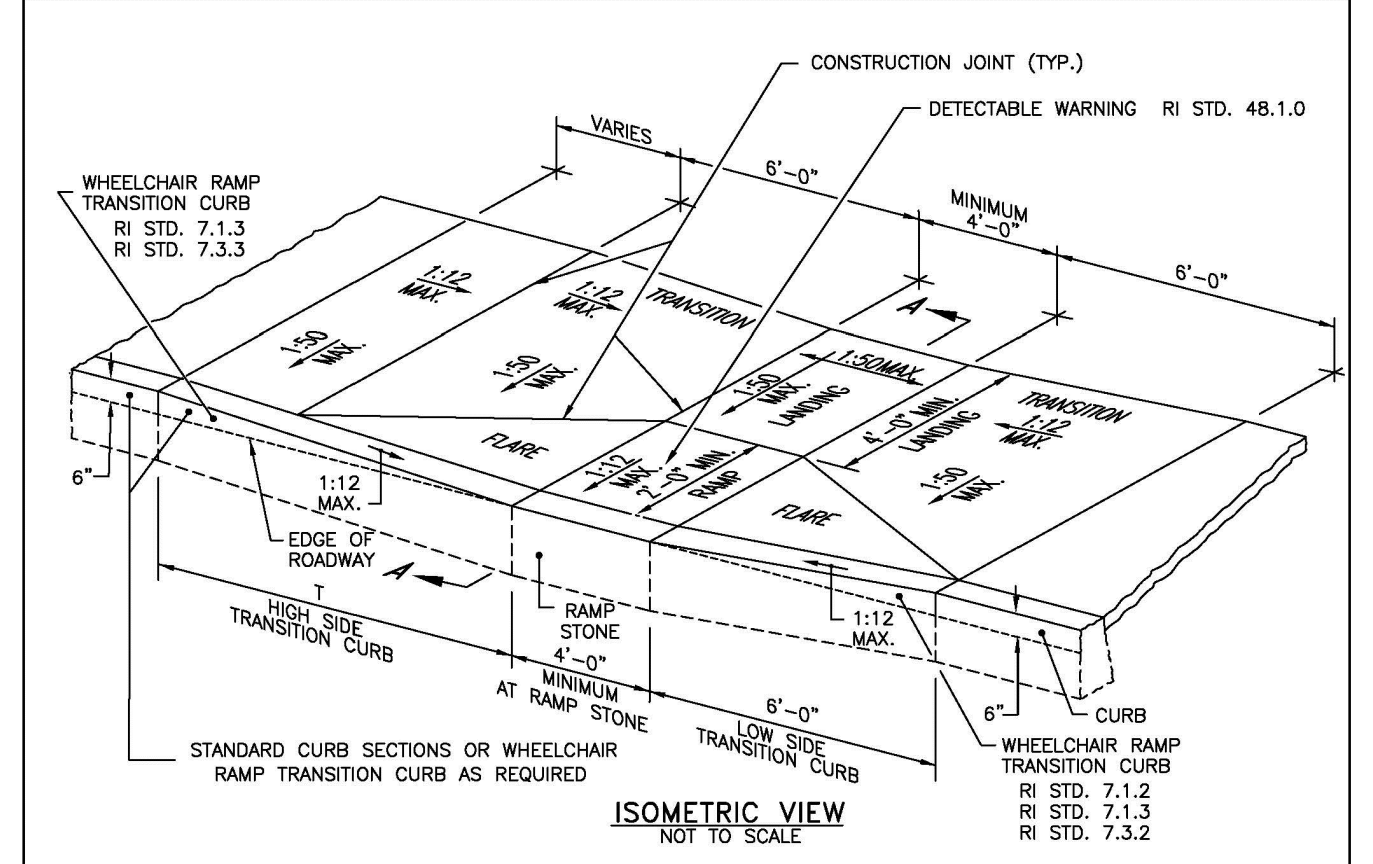
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
HEAVY DUTY BITUMINOUS CONCRETE PAVEMENT SECTION
NOT TO SCALE



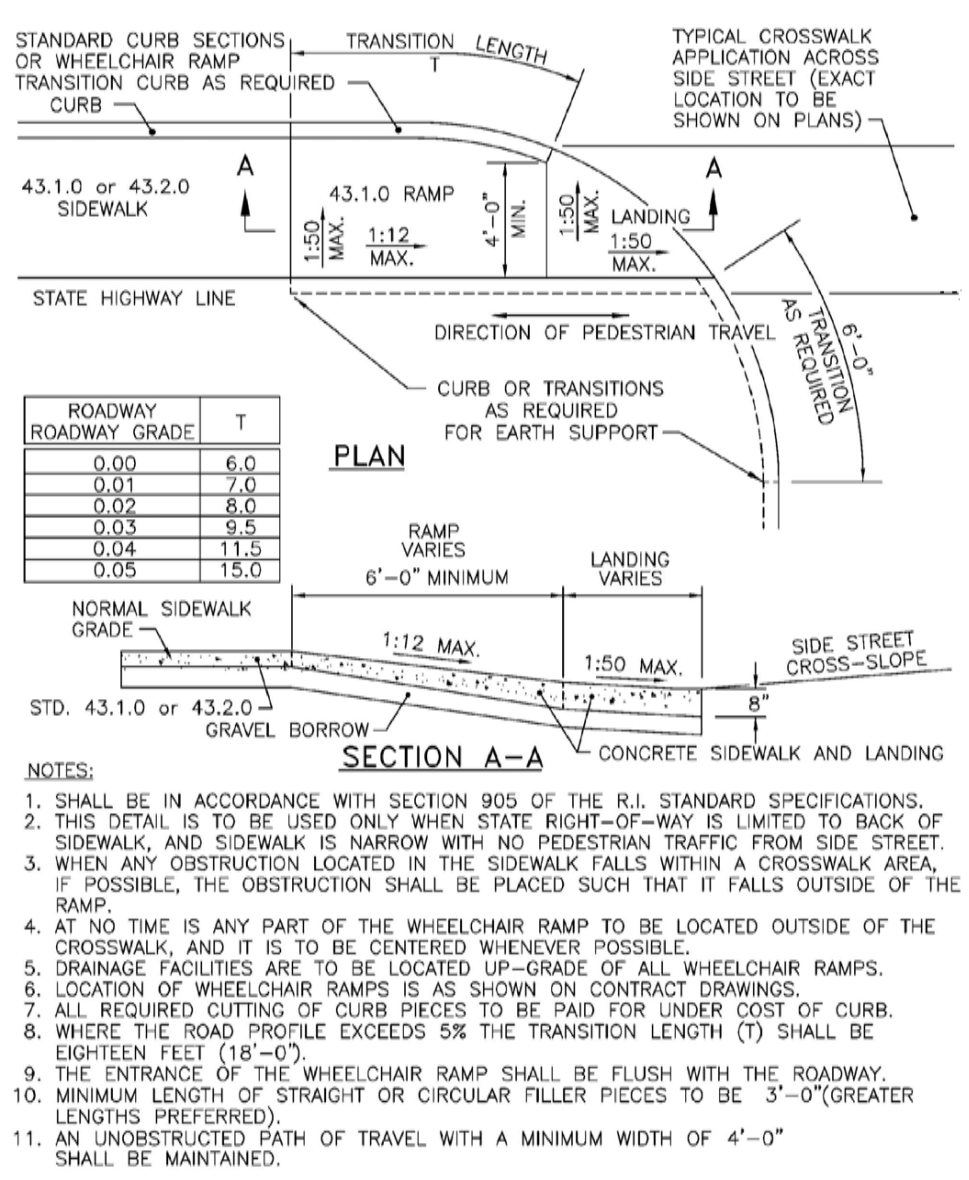
CROSSWALK AND STOP BAR
NOT TO SCALE



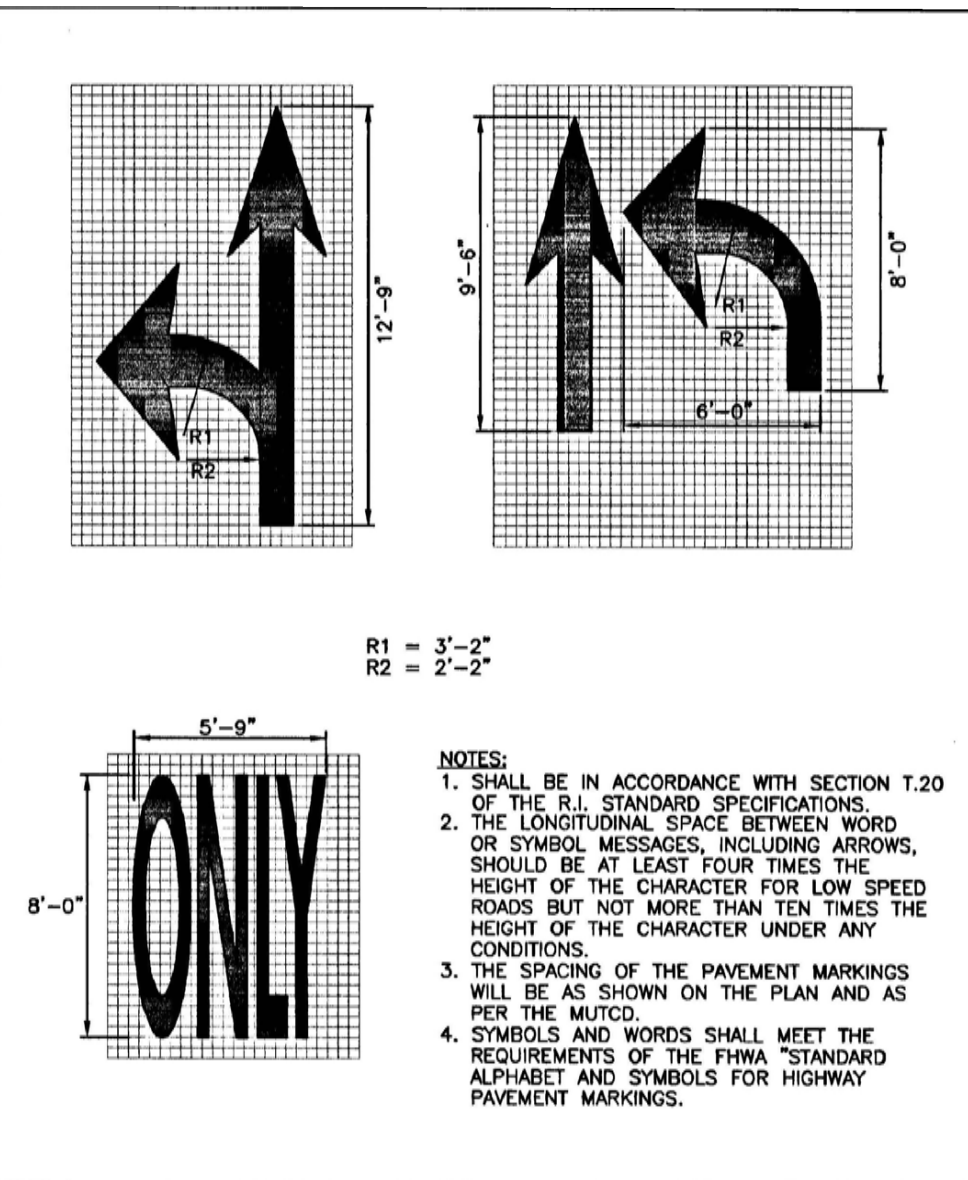
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
DETECTABLE WARNING PANEL PLACEMENT
NO. 1 BY DATE: 1 M.P. 06/27/19
2 M.P. 06/27/19
R.I. STANDARD 48.1.0
JUNE 15, 1998



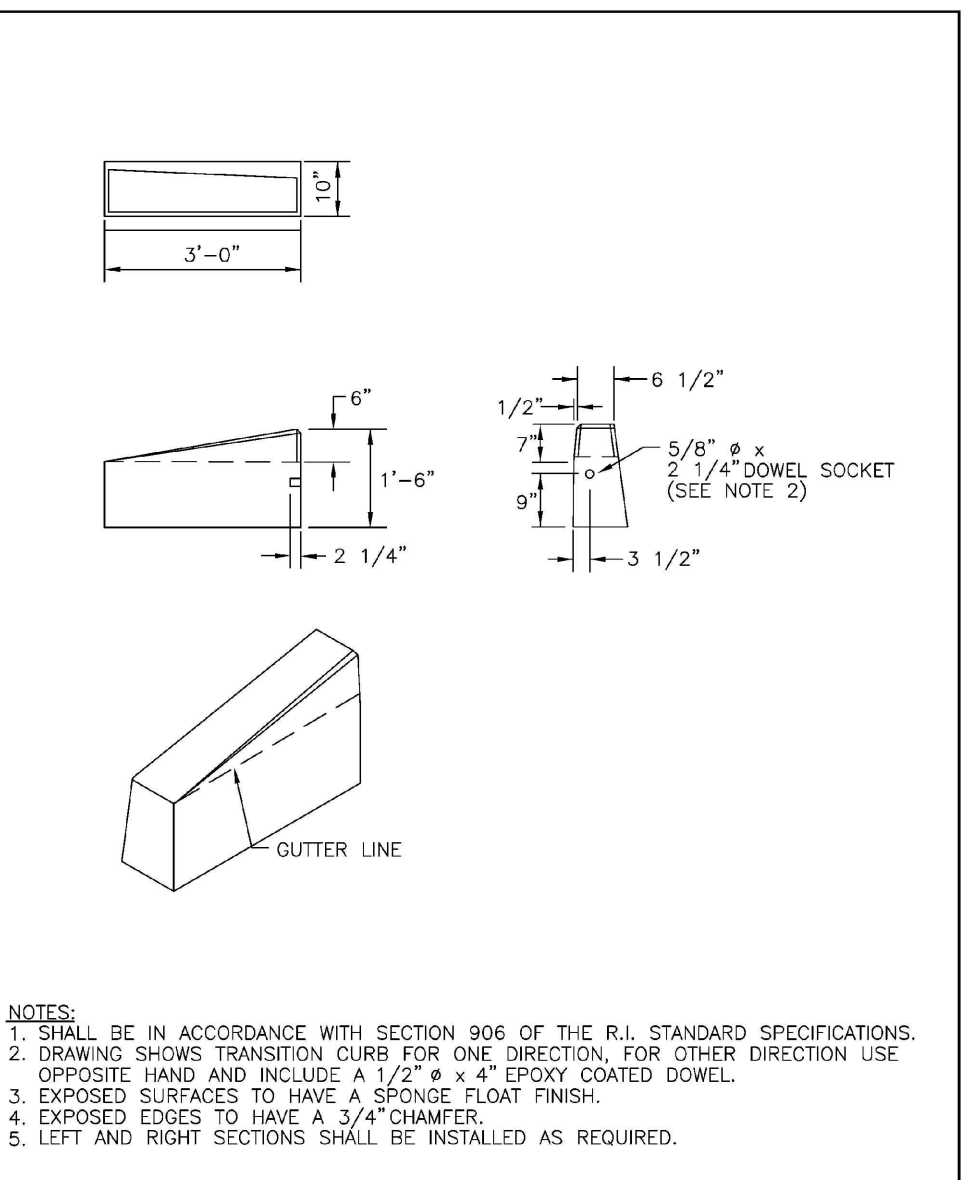
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
WHEELCHAIR RAMP
NO. 1 BY DATE: 1 M.P. 06/27/19
2 M.P. 06/27/19
R.I. STANDARD 43.3.0
JUNE 15, 1998



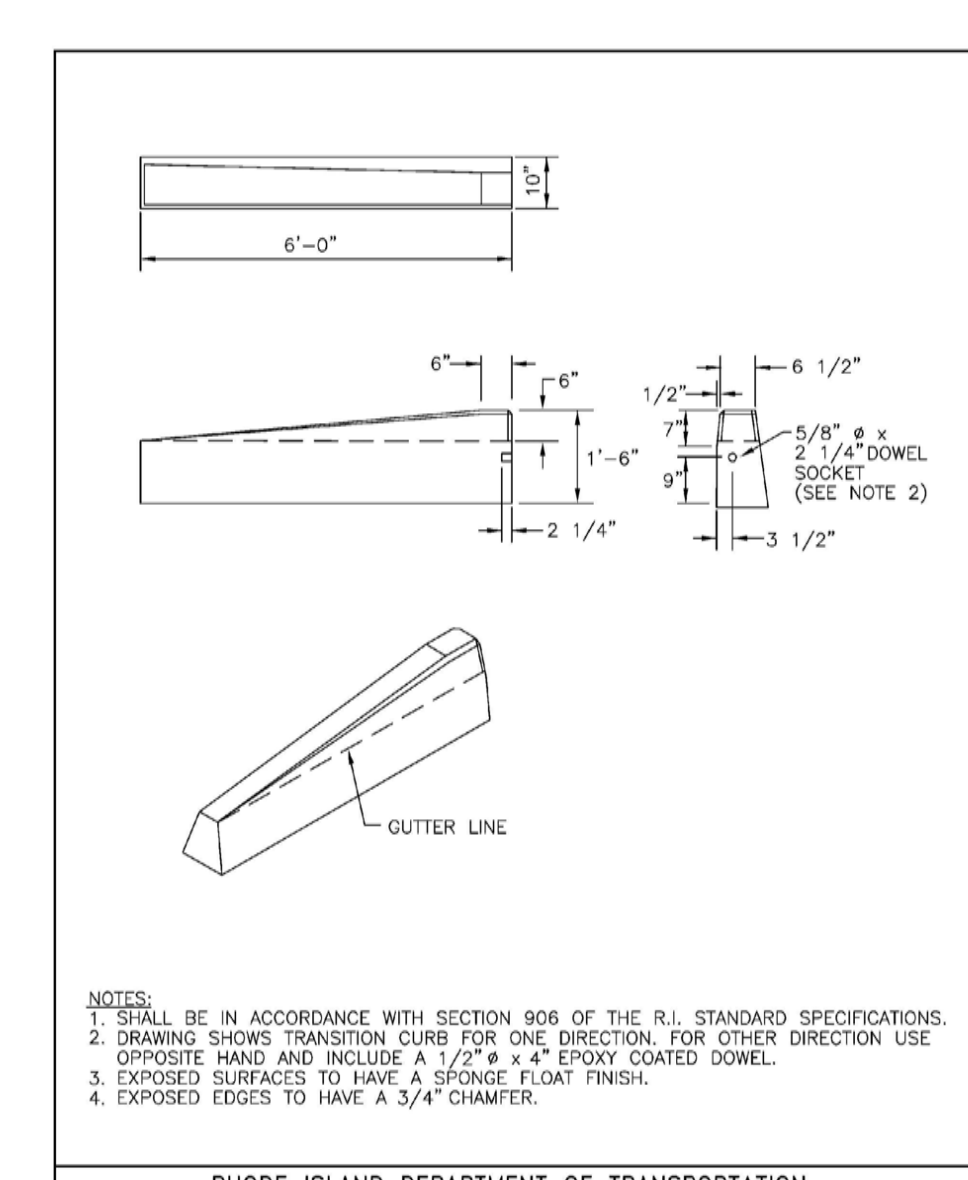
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
WHEELCHAIR RAMP FOR LIMITED RIGHT-OF-WAY AREAS
NO. 1 BY DATE: 1 M.P. 06/27/19
2 M.P. 06/27/19
R.I. STANDARD 43.3.1
JUNE 15, 1998



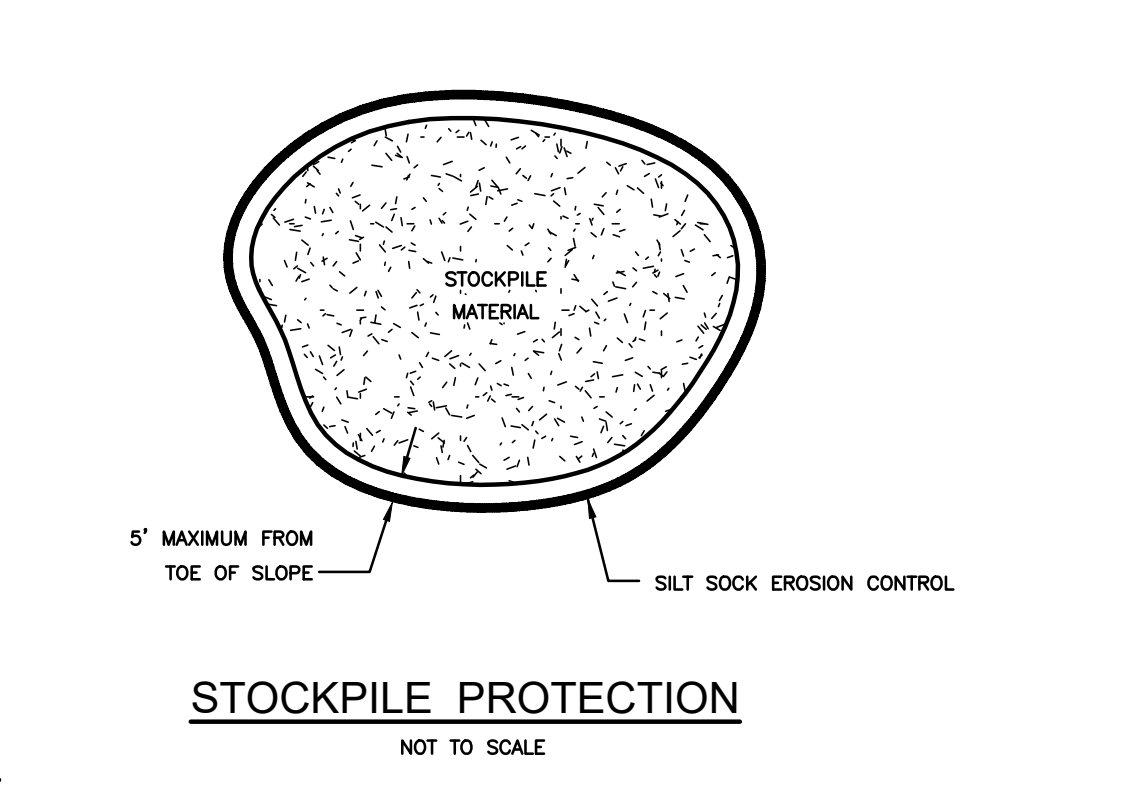
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
PAVEMENT MARKINGS ARROWS AND ONLY
NO. 1 BY DATE: 1 M.P. 06/27/19
2 M.P. 06/27/19
R.I. STANDARD 20.1.0
JUNE 15, 1998



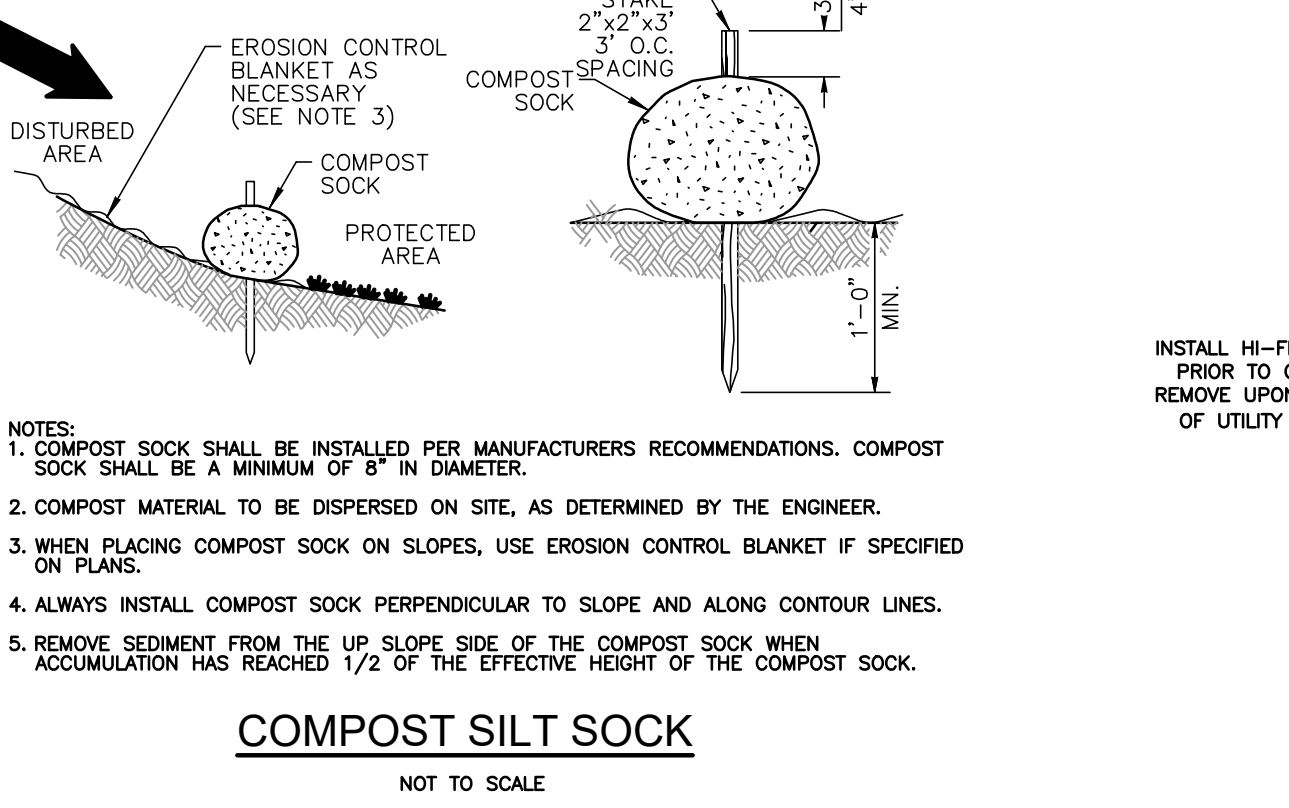
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
3'-0" PRECAST CONCRETE TRANSITION CURB
NO. 1 BY DATE: 1 M.P. 06/27/19
2 M.P. 06/27/19
R.I. STANDARD 7.1.1
JUNE 15, 1998



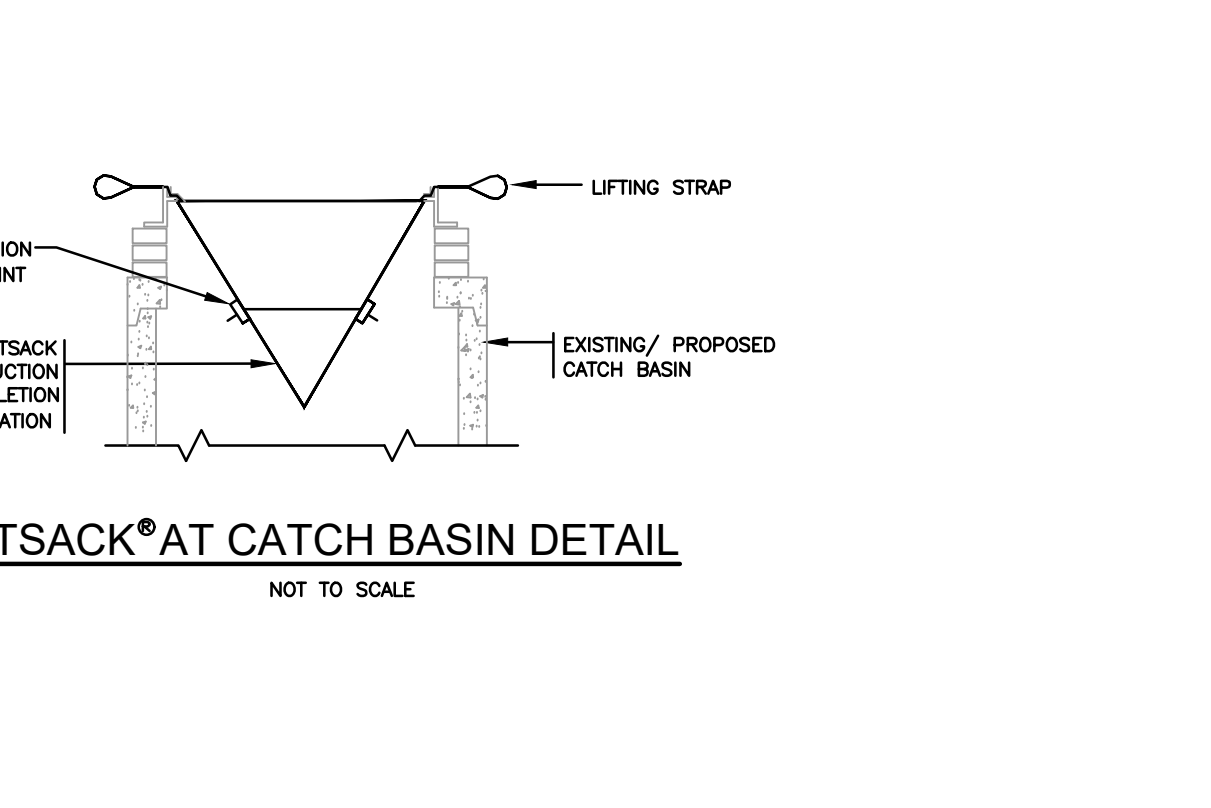
RHODE ISLAND DEPARTMENT OF TRANSPORTATION
6'-0" PRECAST CONCRETE TRANSITION CURB
NO. 1 BY DATE: 1 M.P. 06/27/19
2 M.P. 06/27/19
R.I. STANDARD 7.1.2
JUNE 15, 1998



STOCKPILE PROTECTION
NOT TO SCALE



COMPOST SILT SOCK
NOT TO SCALE



SILT SACK AT CATCH BASIN DETAIL
NOT TO SCALE

STUDIOJAED ARCHITECTS ■ ENGINEERS ■ FACILITIES SOLUTIONS
ARCHITECTS ■ ENGINEERS ■ FACILITIES SOLUTIONS
Maryland Office: 200 HANCOCK HILL ROAD, PROVIDENCE, RHODE ISLAND 02909
Rhode Island Office: 250 HANCOCK HILL ROAD, PROVIDENCE, RHODE ISLAND 02909
Phone: (401) 423-6000 Fax: (401) 423-1000

GROFALO CIVIL & STRUCTURAL ENGINEERS, INC. ENVIRONMENTAL SCIENTISTS
65 COLLIS STREET, SUITE 100, PROVIDENCE, RHODE ISLAND 02908
(PH) 401-273-6000 (FX) 401-273-1000

THIS DRAWING IS THE PROPERTY OF STUDIOJAED AND IS PREPARED FOR THE EXCLUSIVE USE OF ITS CLIENTS AT THE LOCATION INDICATED. NO OTHER USE IS AUTHORIZED OR INTENDED.

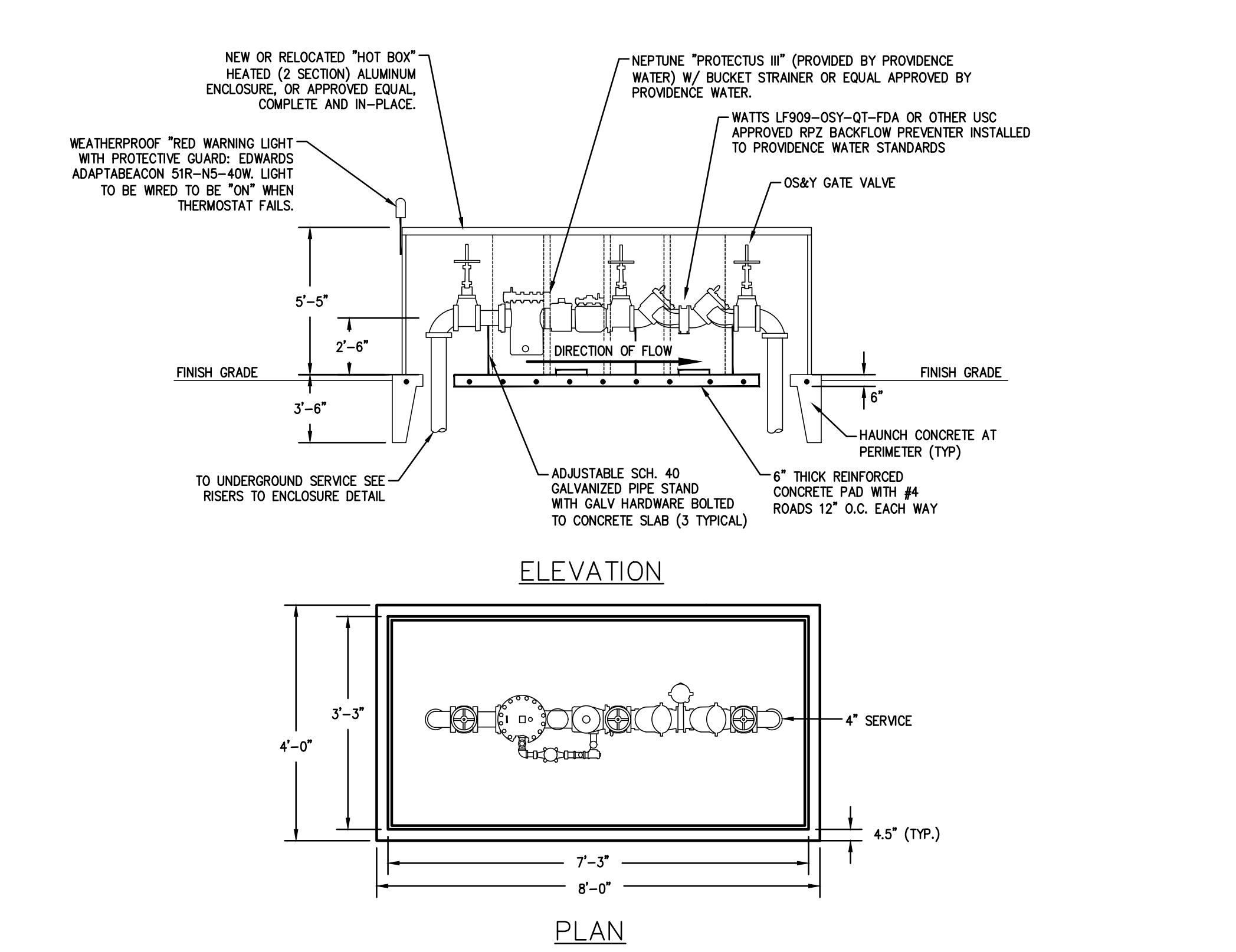
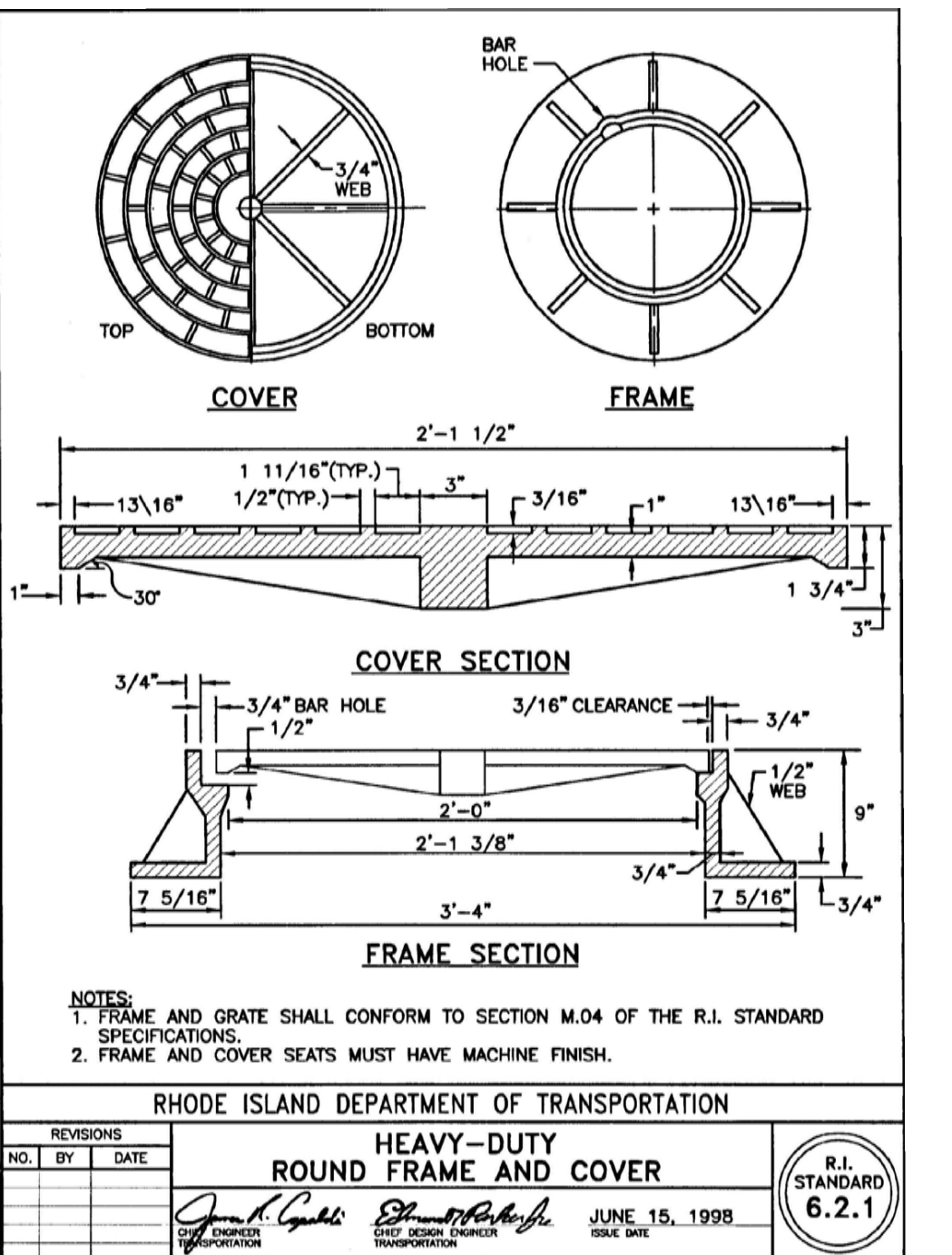
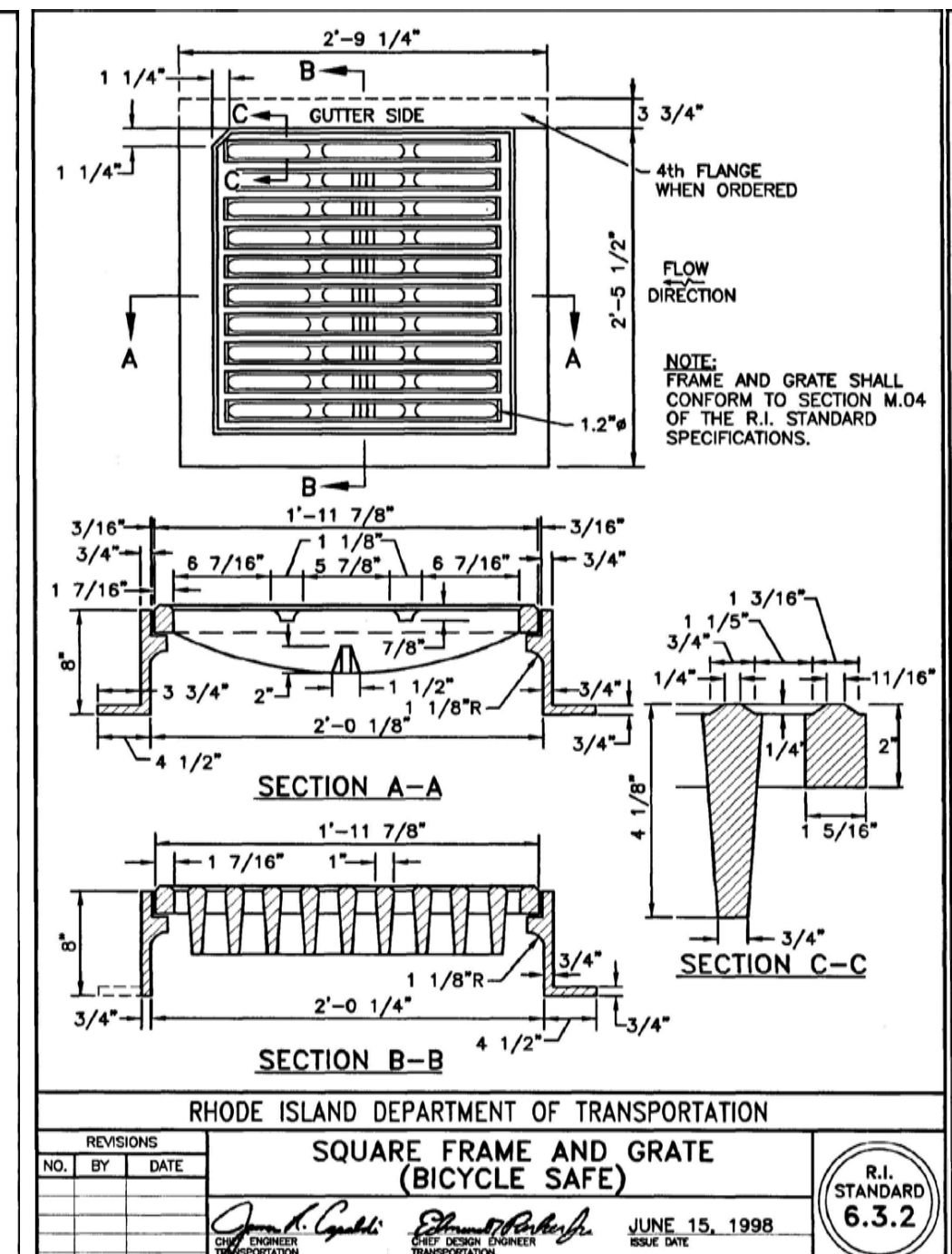
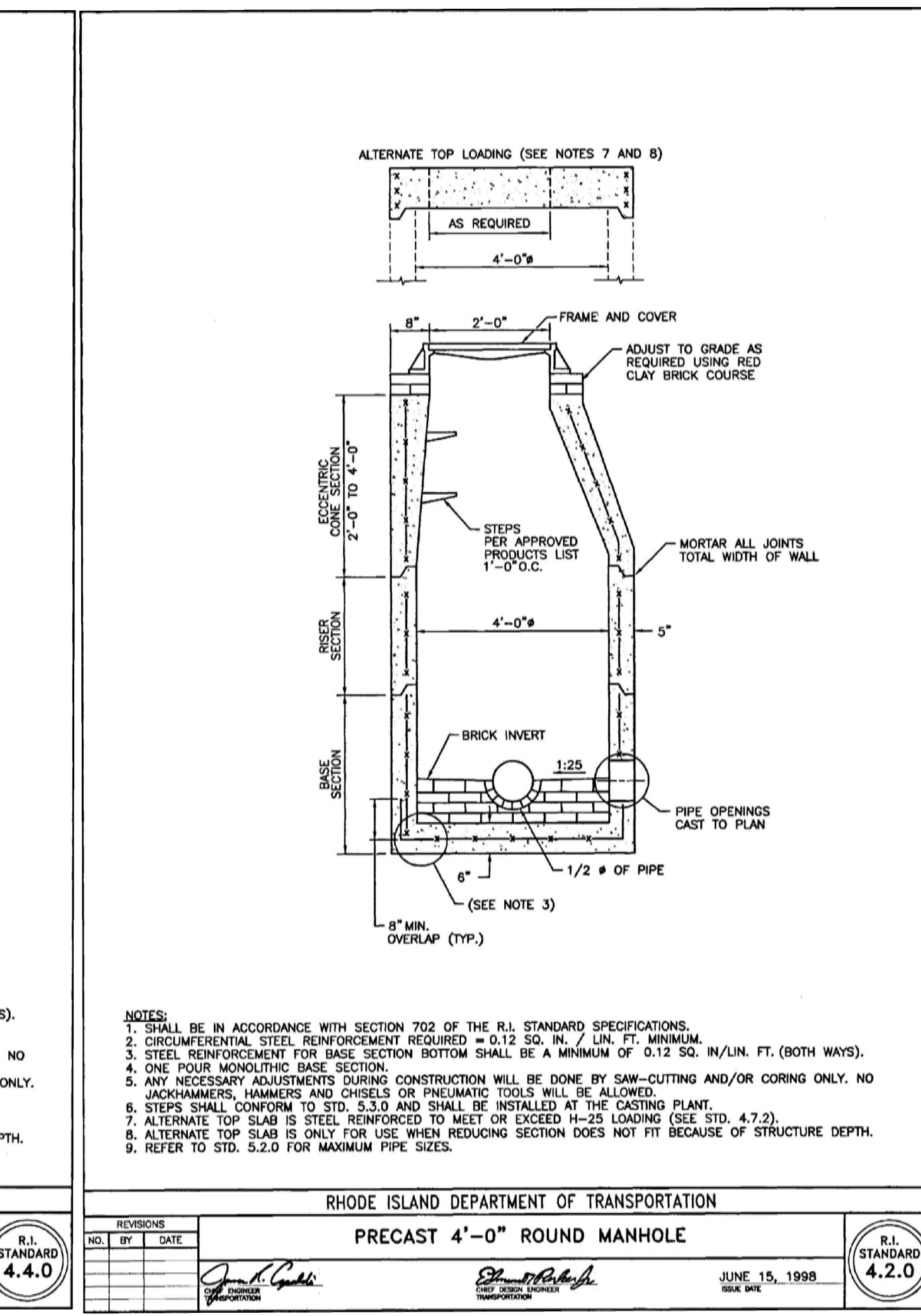
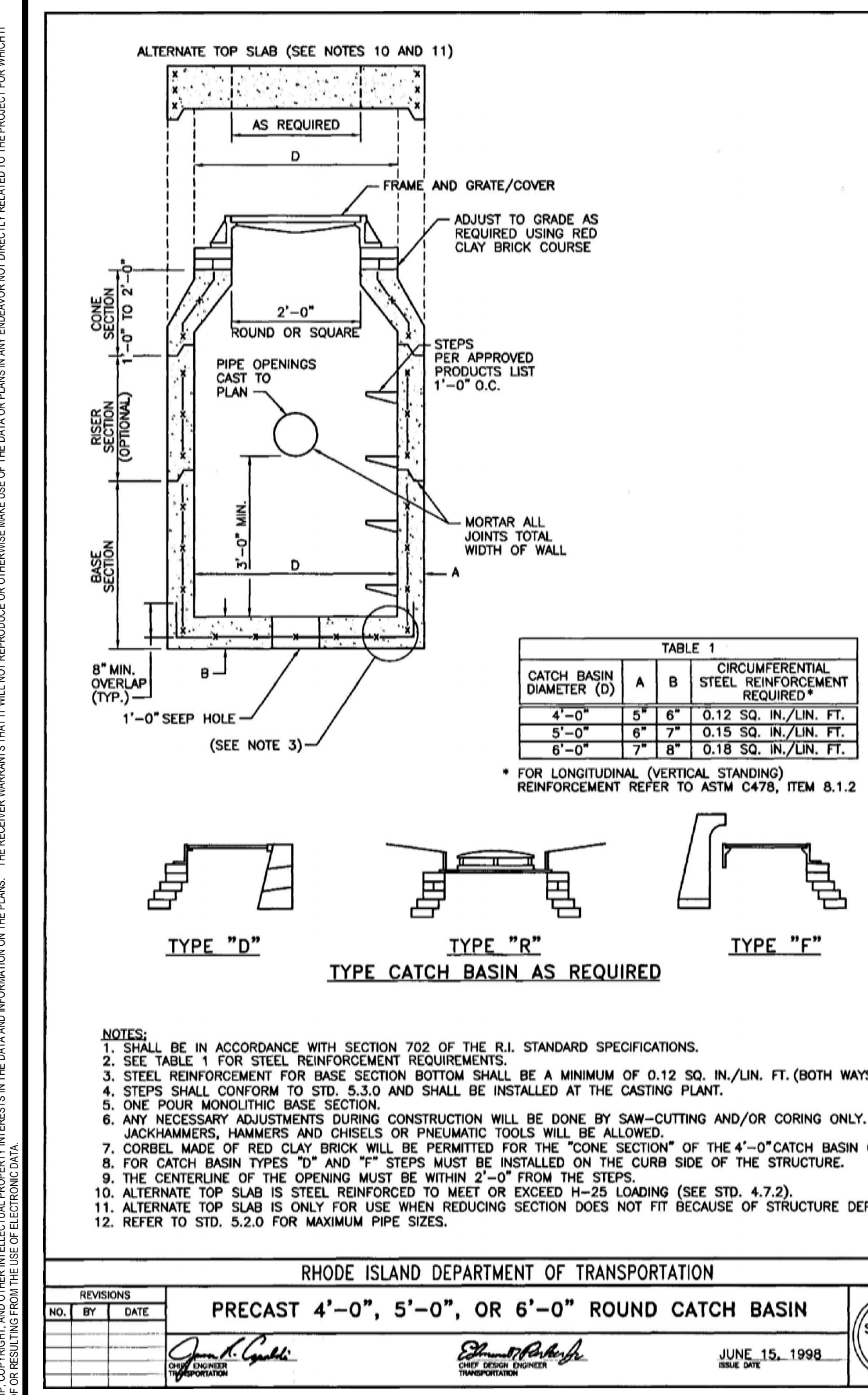
SIGNATURE: DATE OF SIGNATURE: DATE OF REGISTRATION EXPIRATION:

TOWN OF SOUTH KINGSTOWN NEW CONSTRUCTION AT THE CURTIS CORNER MIDDLE SCHOOL & SOUTH KINGSTOWN JUNIOR HIGH SCHOOL 301 CURTIS CORNER ROAD SOUTH KINGSTOWN, RI 02879

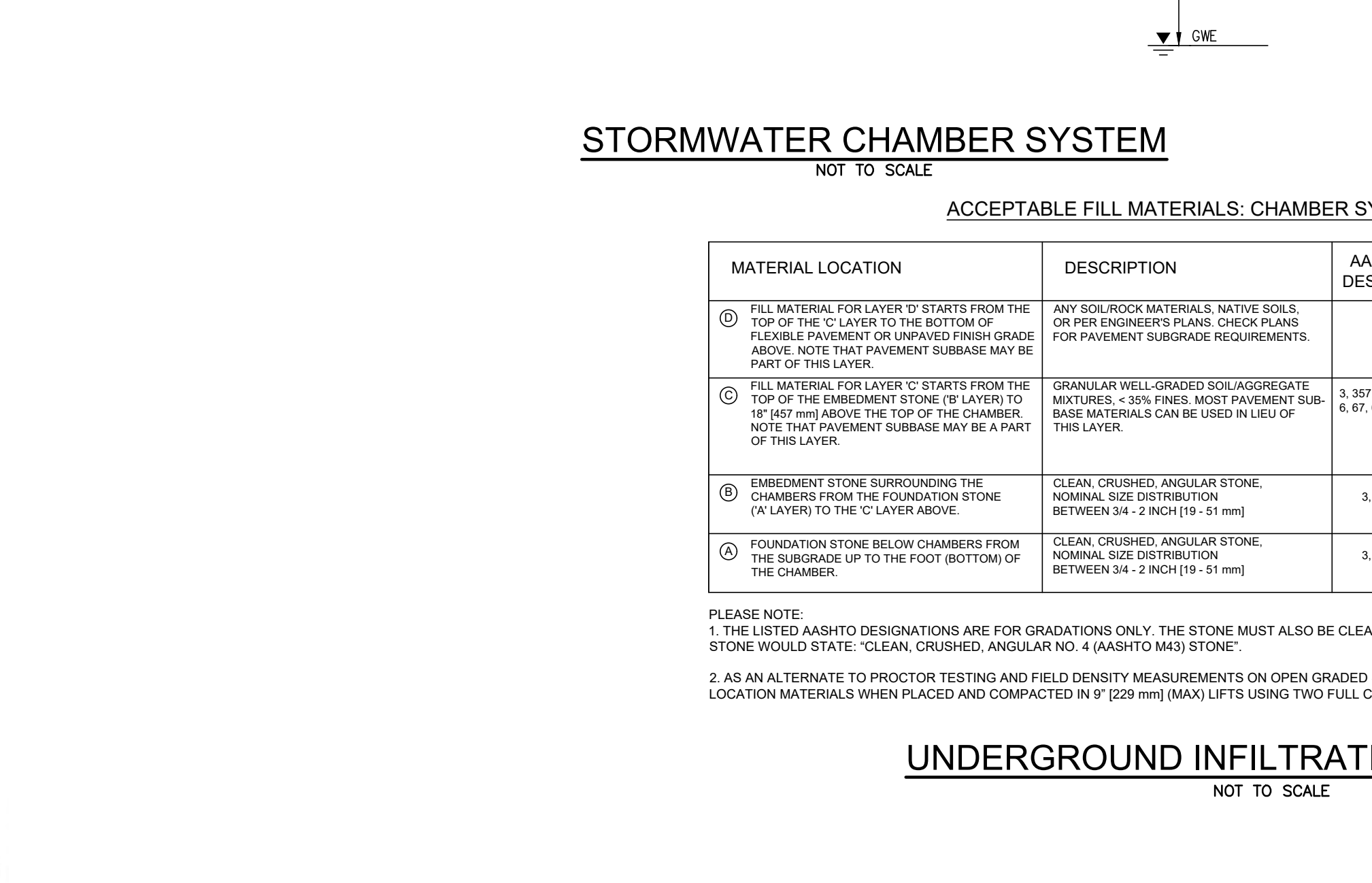
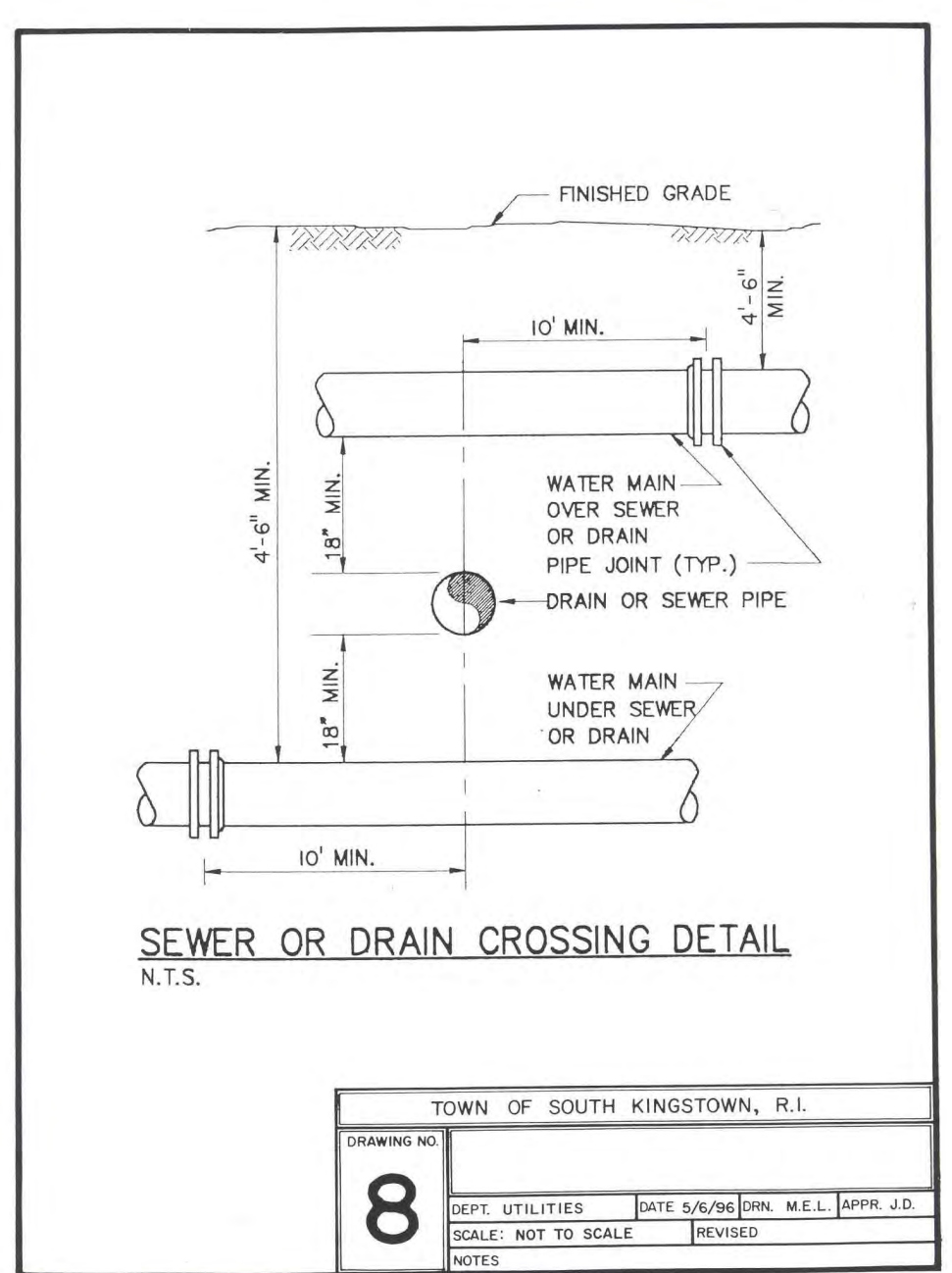
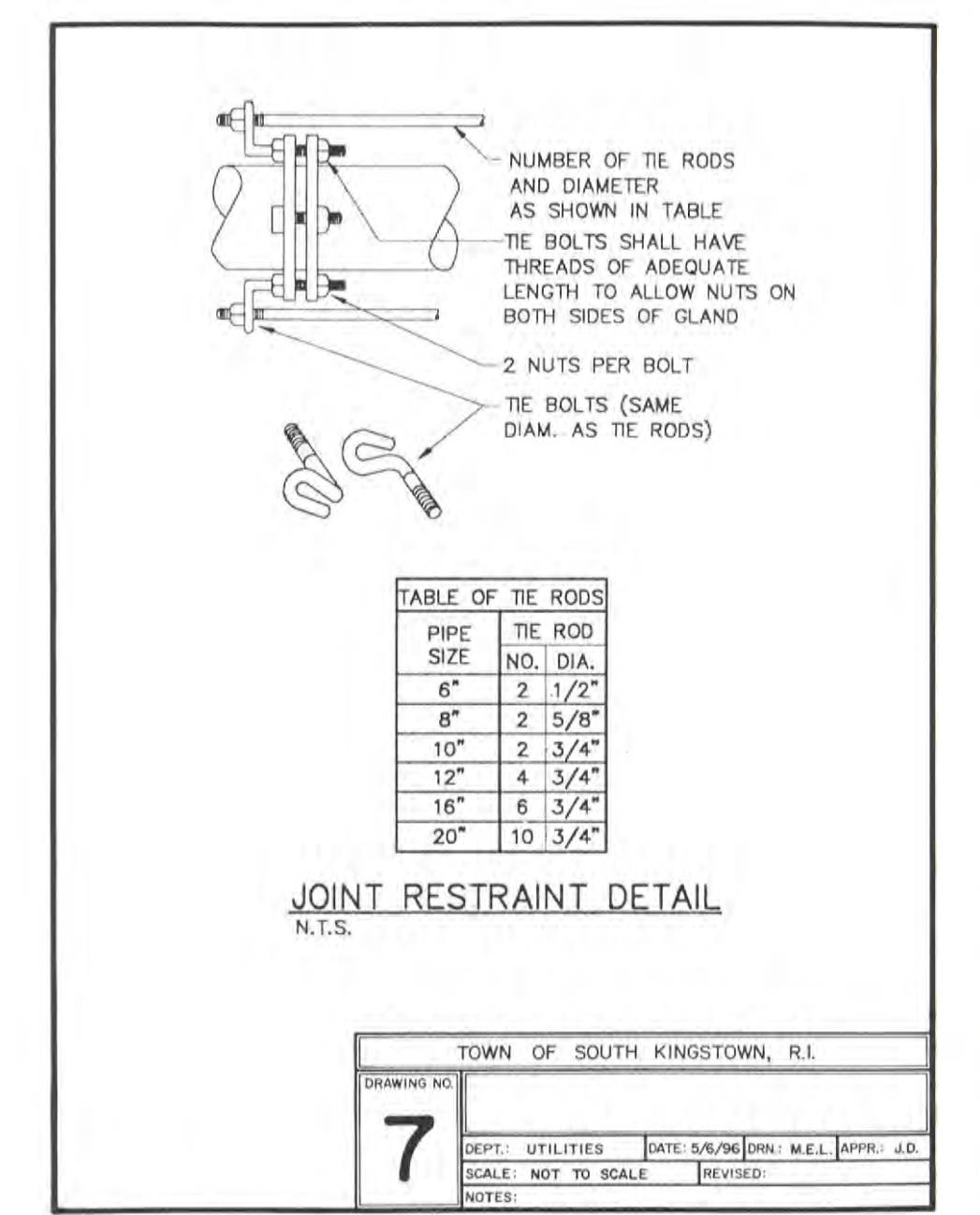
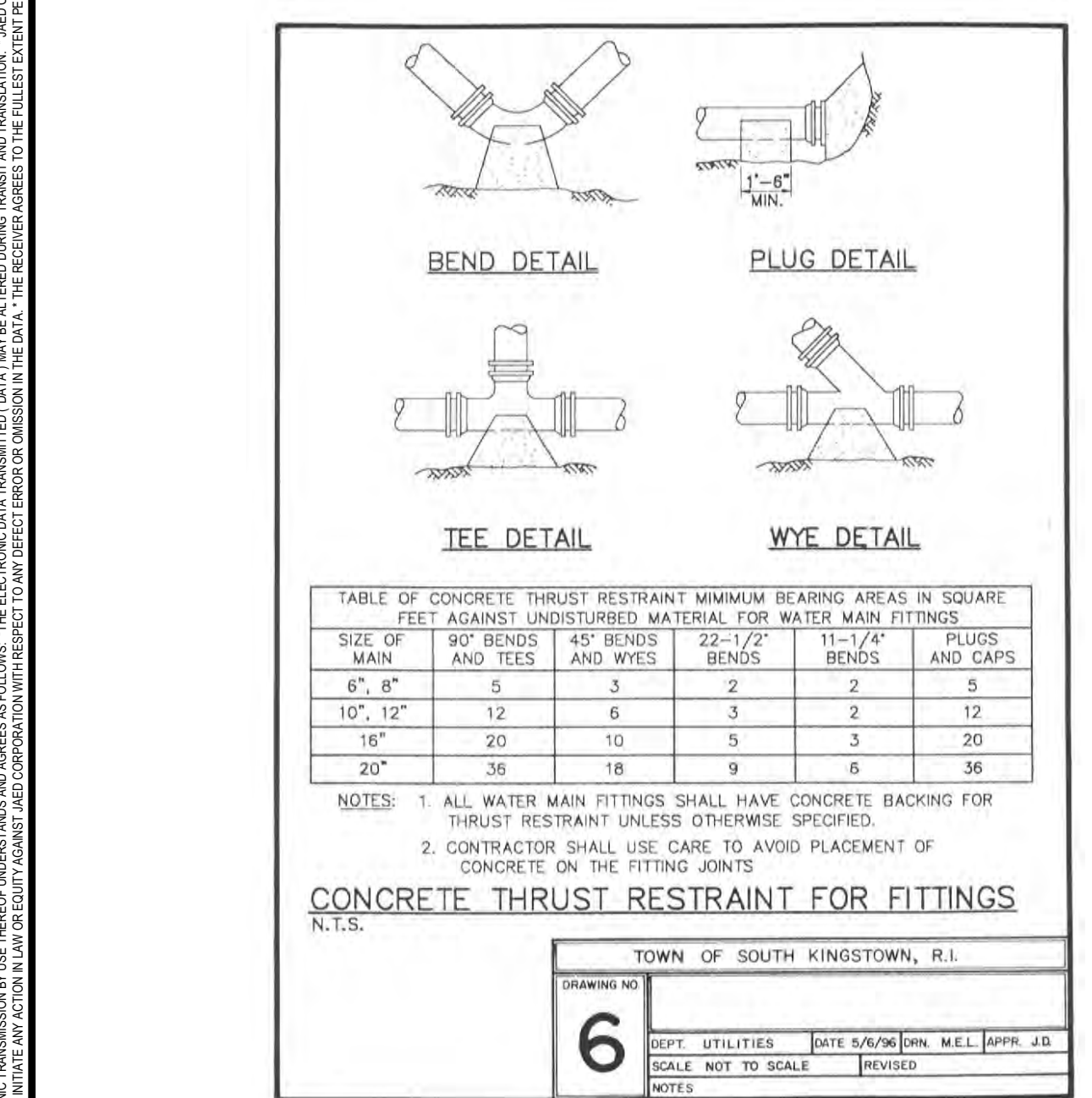
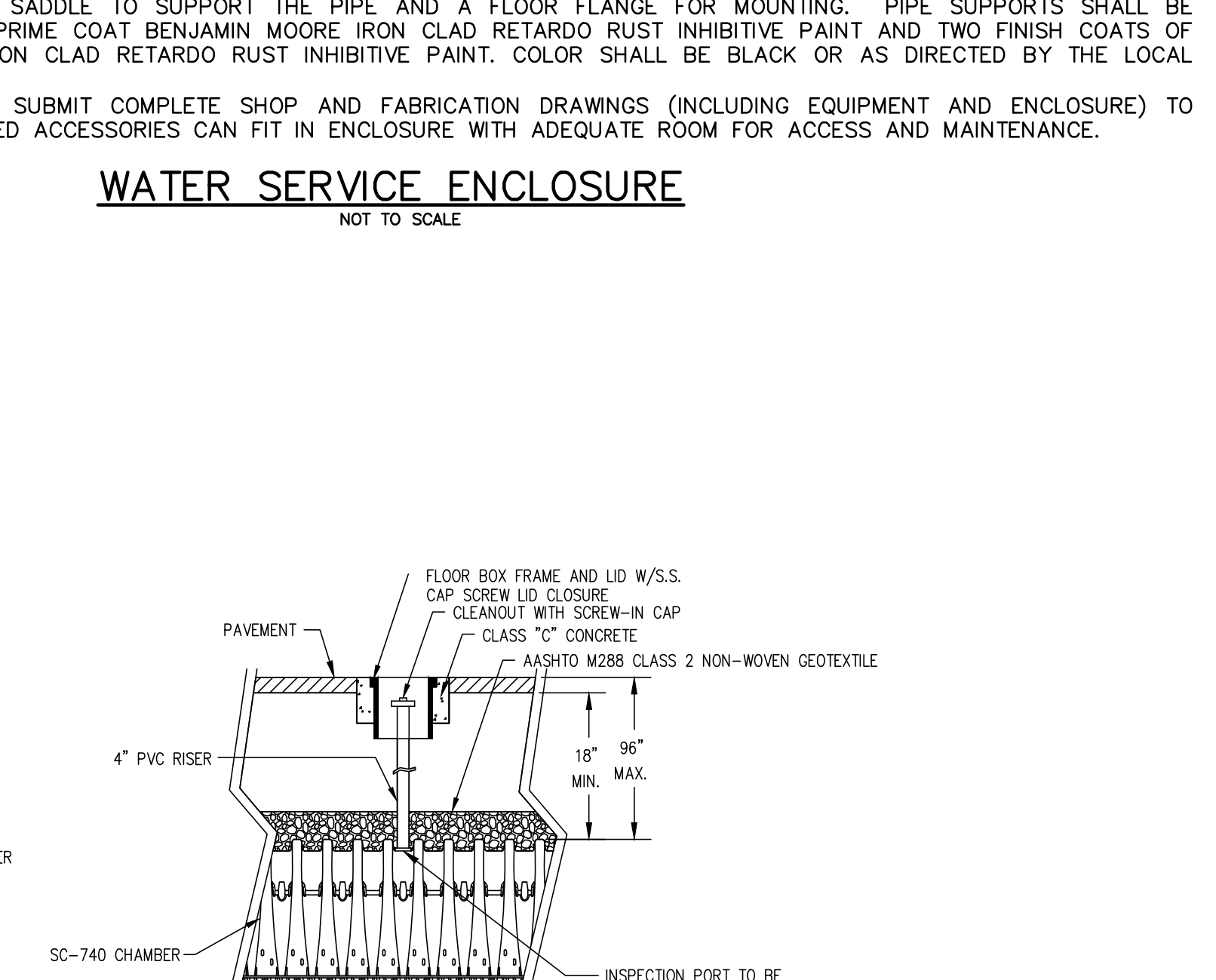
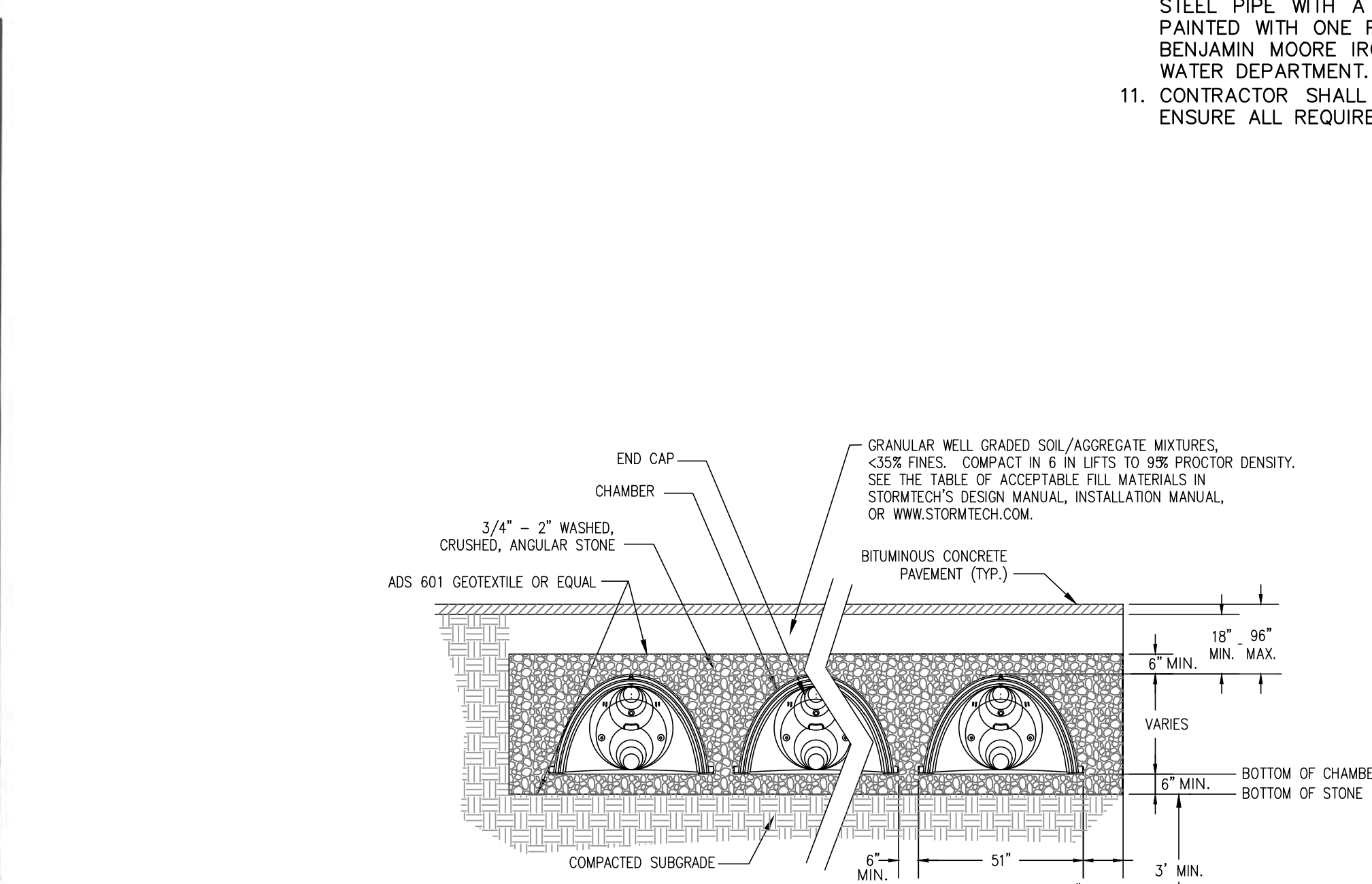
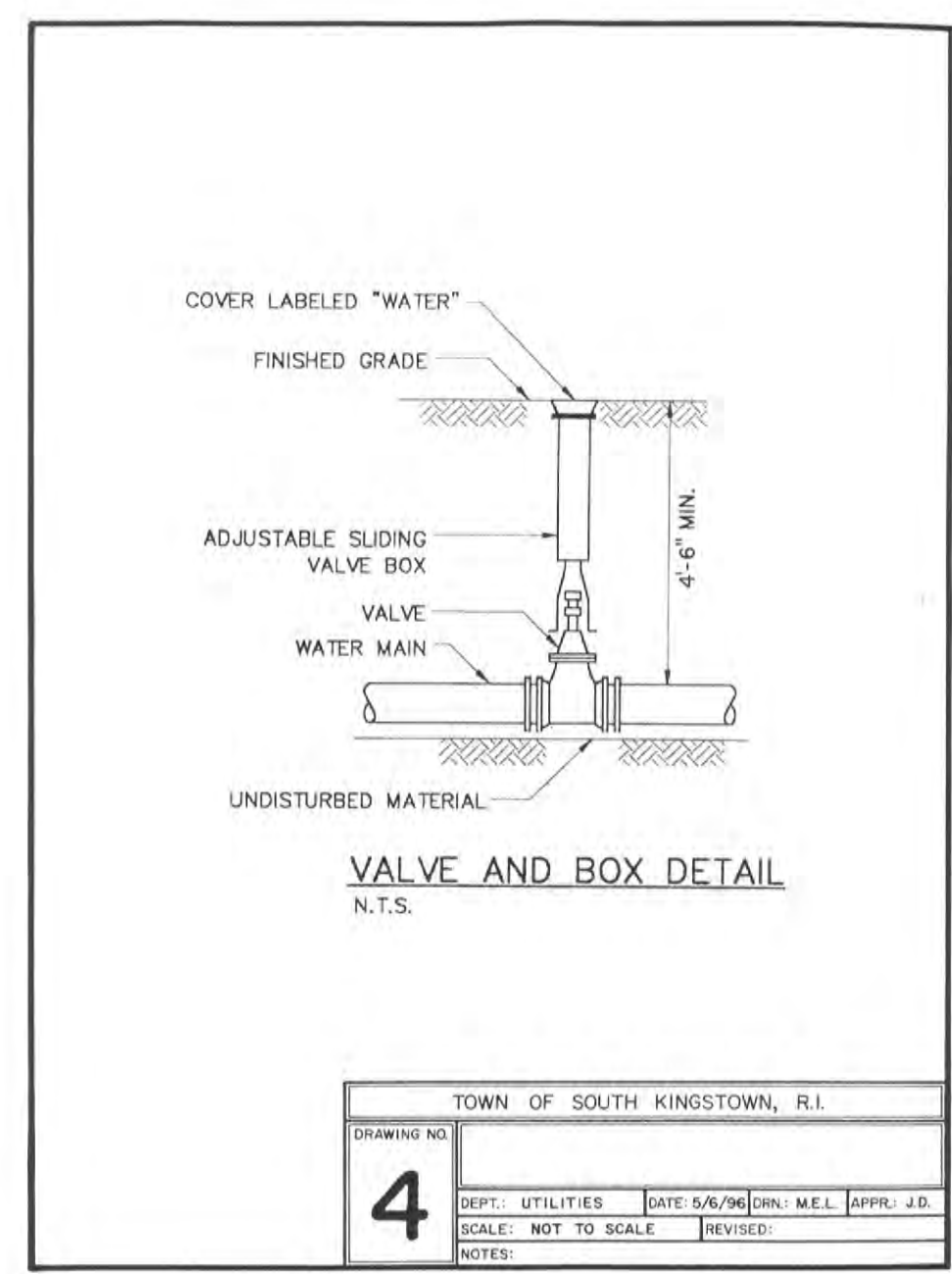
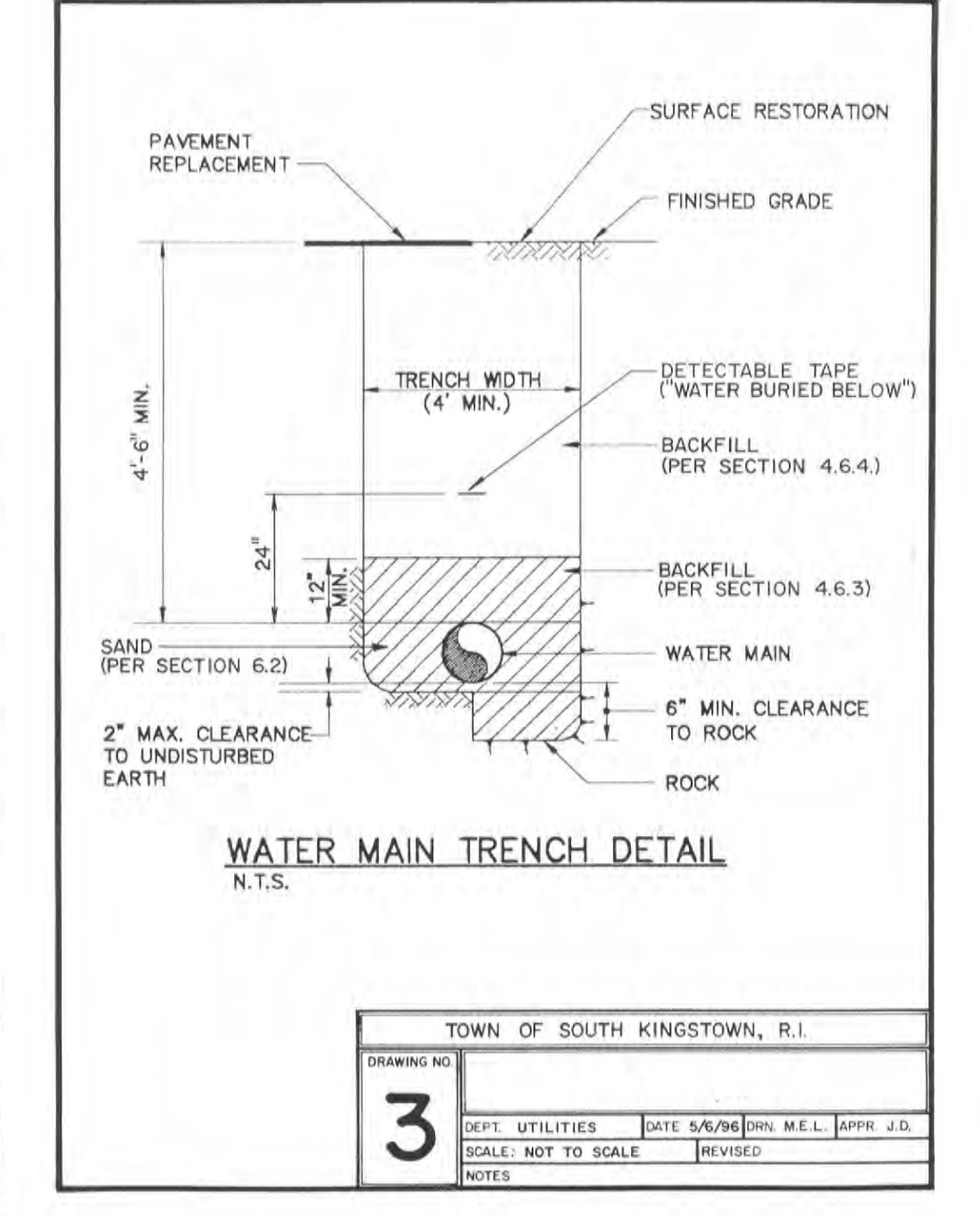
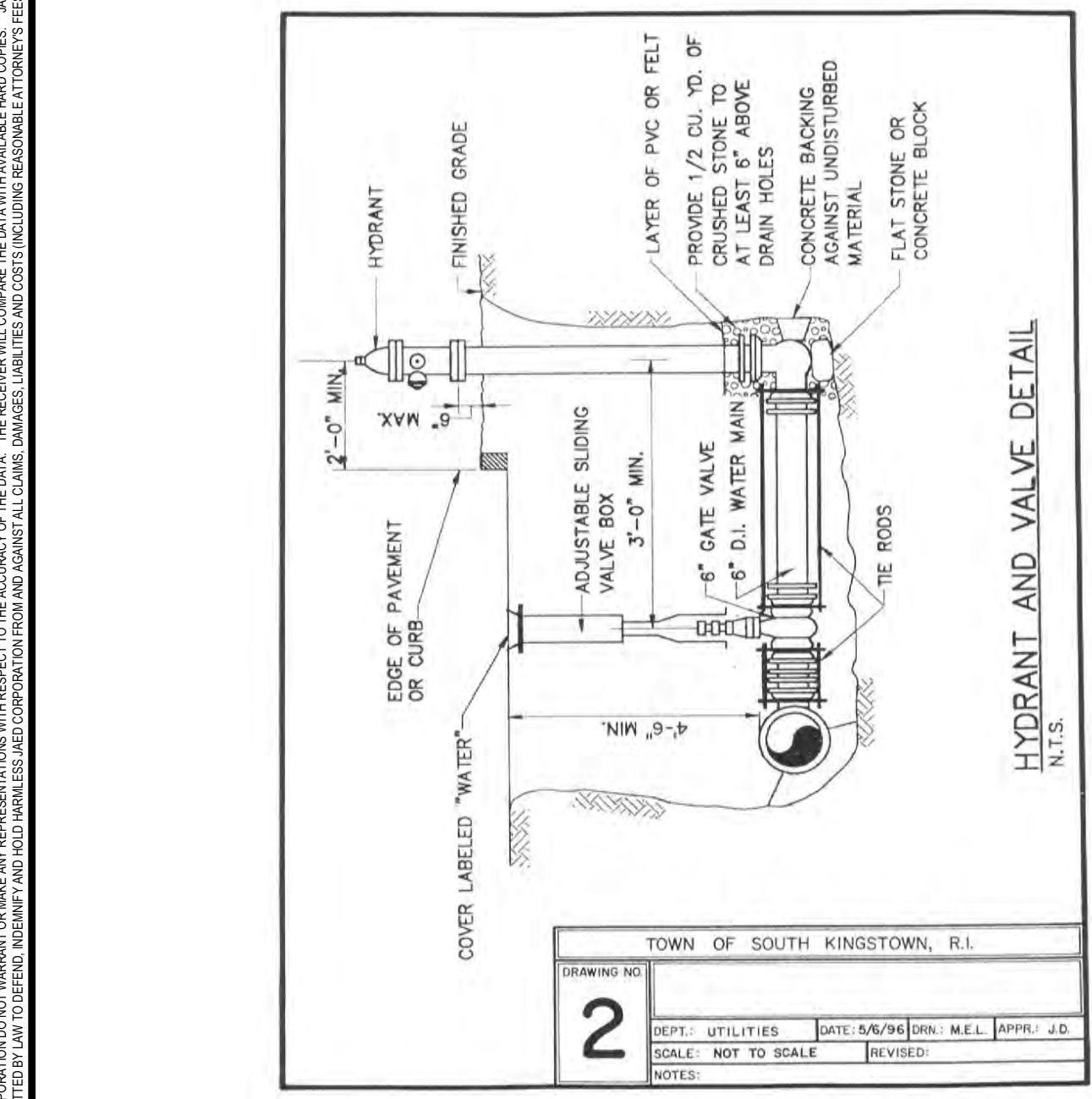
REVISIONS table with columns: MARK, DESCRIPTION, DATE

SHEET TITLE: CONSTRUCTION DETAILS - 1

RIDE STAGE II SCHEMATIC DESIGN
DRAWN: KJA CHK'D: SSH PROJECT NO: 7458.1 SHEET NO: C-6



- NOTE: FINAL DIMENSIONS MAY VARY BASED ON EQUIPMENT SELECTION**
- HEATED WATER METER ENCLOSURE NOTES:**
- WATER METER SHALL BE AS SUPPLIED BY PROVIDENCE WATER SUPPLY BOARD.
 - REDUCED PRESSURE ZONE ASSEMBLY SHALL BE 1.5" DIAMETER WATTS LF909 OR APPROVED EQUAL.
 - STRAINER SHALL BE 1" DIAMETER WATTS LF777 STRAINER OR APPROVED EQUAL.
 - ALL VALVES SHALL BE 1" DIAMETER FULL PORT BALL VALVES OR APPROVED EQUAL.
 - WATER EQUIPMENT SUBJECT TO FINAL APPROVAL FROM THE PWSB. CONTRACTOR TO VERIFY EQUIPMENT WITH ENGINEER & PWSB PRIOR TO INSTALLATION.
 - ALL WATER EQUIPMENT TO BE INSTALLED WITH 12" MINIMUM CLEARANCE ON ALL SIDES.
 - ELECTRICAL SERVICE TO BE DESIGNED BY OTHERS.
 - CONTRACTOR SHALL INSTALL ALL FITTINGS, METERS, BACKFLOW PREVENTORS, PIPES AND APPURTENANCES IN ACCORDANCE WITH THE PWSB REQUIREMENTS. PWSB SHALL BE NOTIFIED PRIOR TO ORDERING FOR CONFIRMATION SUITABILITY OF ALL EQUIPMENT MANUFACTURERS/MODELS UTILIZED.
 - EXISTING ENCLOSURE IS INTENDED FOR RE-USE. ENCLOSURE STRUCTURE SHALL CONFORM TO BE HEATED AND CAPABLE OF MAINTAINING A MINIMUM TEMPERATURE OF 40 DEGREES AT ALL TIMES. STRUCTURE SHALL BE PREFABRICATED INSULATED ALUMINUM STRUCTURE AS MANUFACTURED BY "HOT-BOX", APPROVED EQUAL, INSTALLED ON A CONCRETE PAD IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. ALTERNATE STRUCTURE MAY BE SUBSTITUTED BY OWNER WITH APPROVAL OF PWSB. FACILITY SHALL BE PADLOCKED AND TWO (2) KEY COPIES SHALL BE PROVIDED TO THE PWSB.
 - STEEL PIPE SUPPORTS SHALL BE PROVIDED AS WARRANTED BY FINAL PIPING ARRANGEMENT. SUPPORTS SHALL BE 1" O.D. STEEL PIPE WITH A SADDLE TO SUPPORT THE PIPE AND A FLOOR FLANGE FOR MOUNTING. PIPE SUPPORTS SHALL BE PAINTED WITH ONE PRIME COAT BENJAMIN MOORE IRON CLAD RETARDOR RUST INHIBITIVE PAINT AND TWO FINISH COATS OF BENJAMIN MOORE IRON CLAD RETARDOR RUST INHIBITIVE PAINT. COLOR SHALL BE BLACK OR AS DIRECTED BY THE LOCAL WATER DEPARTMENT.
 - CONTRACTOR SHALL SUBMIT COMPLETE SHOP AND FABRICATION DRAWINGS (INCLUDING EQUIPMENT AND ENCLOSURE) TO ENSURE ALL REQUIRED ACCESSORIES CAN FIT IN ENCLOSURE WITH ADEQUATE ROOM FOR ACCESS AND MAINTENANCE.



MATERIAL LOCATION	DESCRIPTION	AASHTO M43 DESIGNATION ¹	COMPACTION/DENSITY REQUIREMENT
1	FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF THE 'D' LAYER. FLEXIBLE PAVEMENT OR UNPAVED FINISH GRADE ABOVE. NOTE THAT PAVEMENT SUBGRADE MAY BE PART OF THIS LAYER.	NA	PREPARE PER ENGINEERS PLANS. PAVED INSTALLATIONS MAY HAVE STRAINMENT MATERIAL AND PREPARATION REQUIREMENTS.
2	FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDEDMENT STONE (E) LAYER TO 18" MIN. ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBGRADE MAY BE A PART OF THIS LAYER.	3.307, 4.407, 5, 36, 57, 6, 67, 48, 7, 78, 8, 88, 9	BEGIN COMPACTION AFTER TOP 100 mm OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LIFTS TO A MIN. 4 IN. STANDARD PROCTOR DENSITY. ROLLER CROSS-VEHICLE WEIGHT NOT TO EXCEED 20,000 lb (90 kN).
3	EMBEDMENT STONE SURROUNDING THE CHAMBER FROM THE FOUNDATION STONE (A LAYER) TO THE 'C' LAYER ABOVE.	3.307, 4.407, 5, 36, 57	NO COMPACTION REQUIRED.
4	FOUNDATION STONE BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT BOTTOM OF THE CHAMBER.	3.35, 4.407, 5, 36, 57	FLUTE COMPACT FOR ROLL TO ACHIEVE A 90% STANDARD PROCTOR DENSITY.

PLEASE NOTE:
 1. THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (ASHTO) STONE."
 2. AS AN ALTERNATE TO PROCTOR TESTING AND FIELD DENSITY MEASUREMENTS ON OPEN GRADED STONE, STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (229 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH AN APPROPRIATE COMPACTOR.

UNDERGROUND INFILTRATION CHAMBER
NOT TO SCALE

STUDIOJAED
ARCHITECTS & ENGINEERS - FACILITIES SOLUTIONS

CONSULTANT

GROFALO
GROFALO & ASSOCIATES, INC.
CIVIL & STRUCTURAL ENGINEERS, SURVEYORS
LAND PLANNERS, ENVIRONMENTAL SCIENTISTS

PROJECT: TOWN OF SOUTH KINGSTOWN NEW CONSTRUCTION AT THE CURTIS CORNER MIDDLE SCHOOL & SOUTH KINGSTOWN JUNIOR HIGH SCHOOL
301 CURTIS CORNER ROAD SOUTH KINGSTOWN, RI 02879

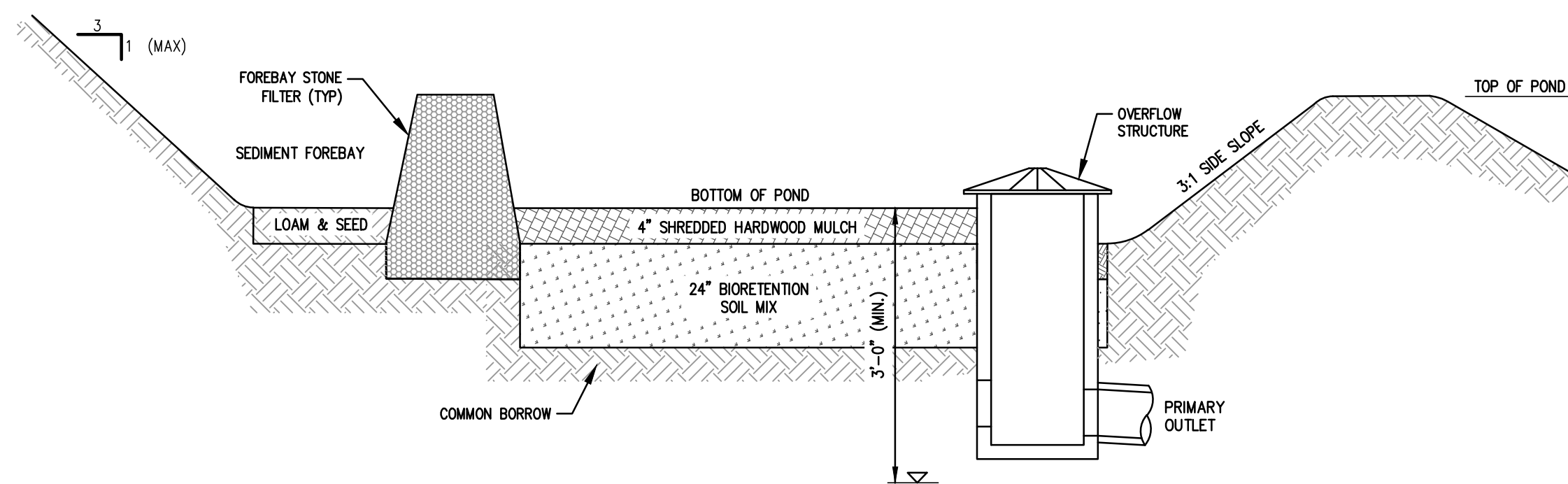
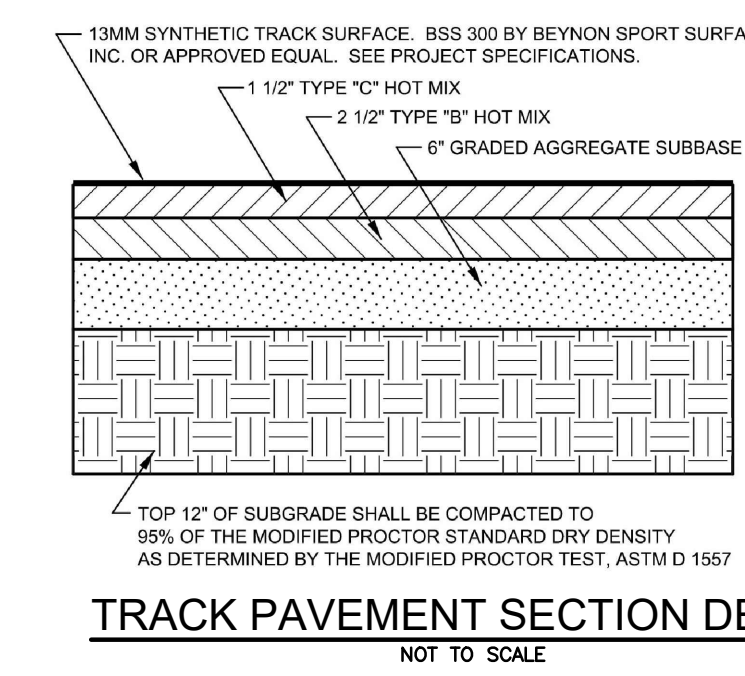
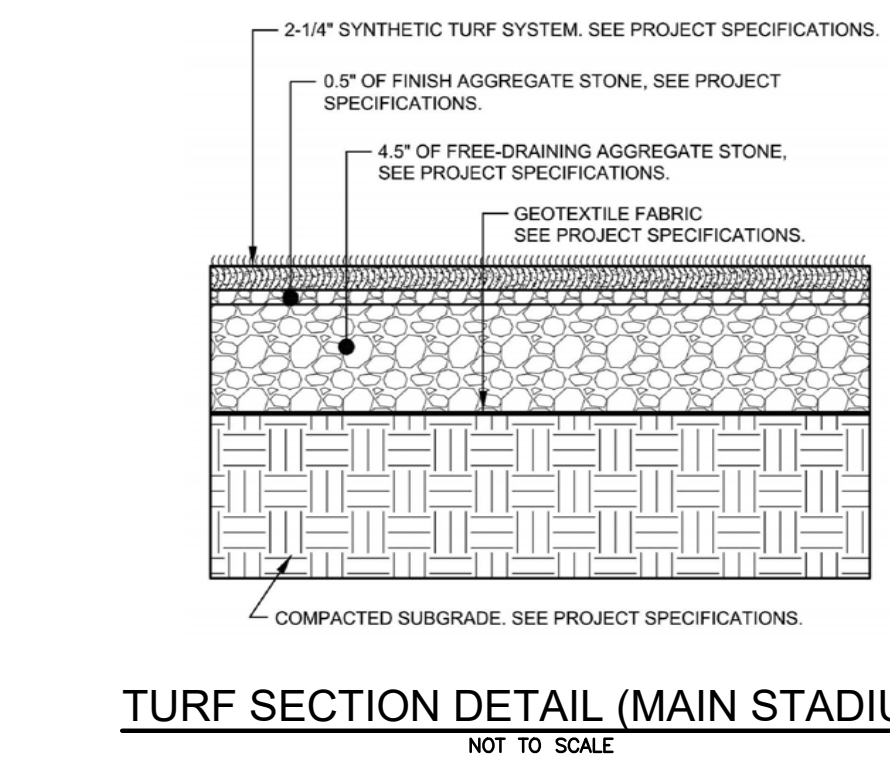
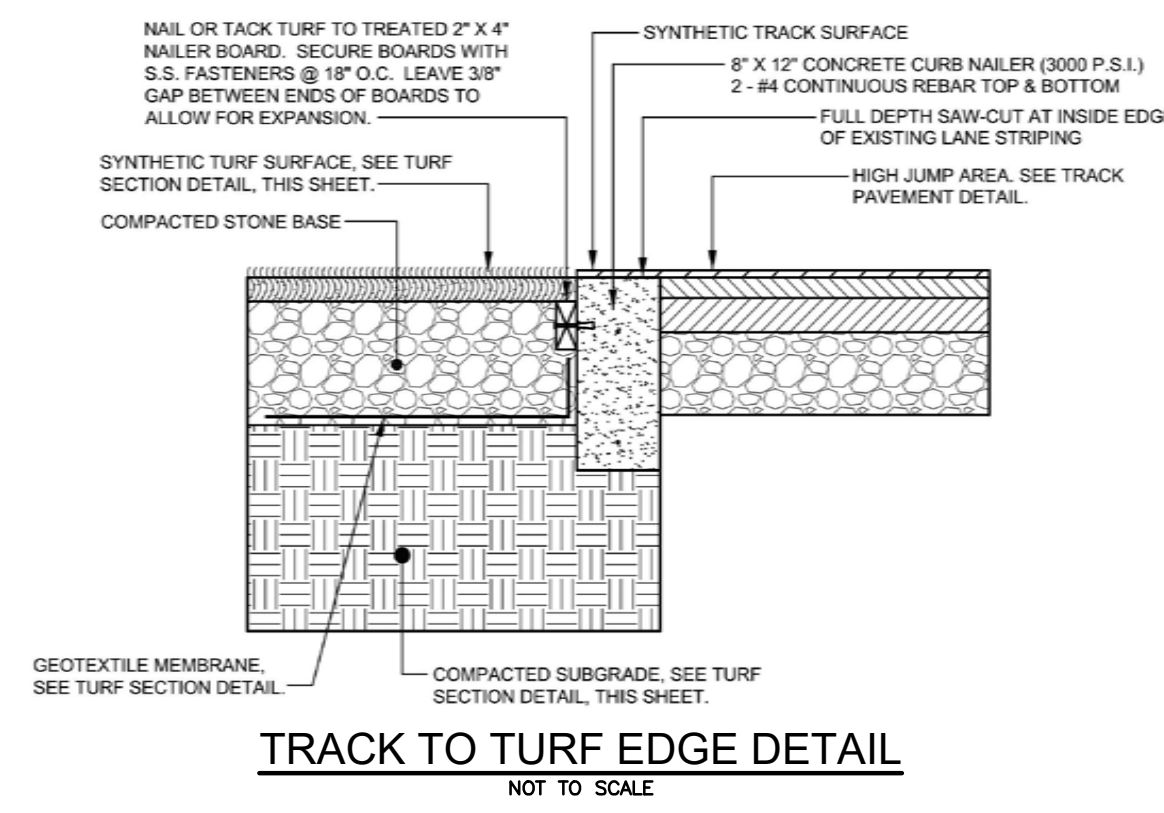
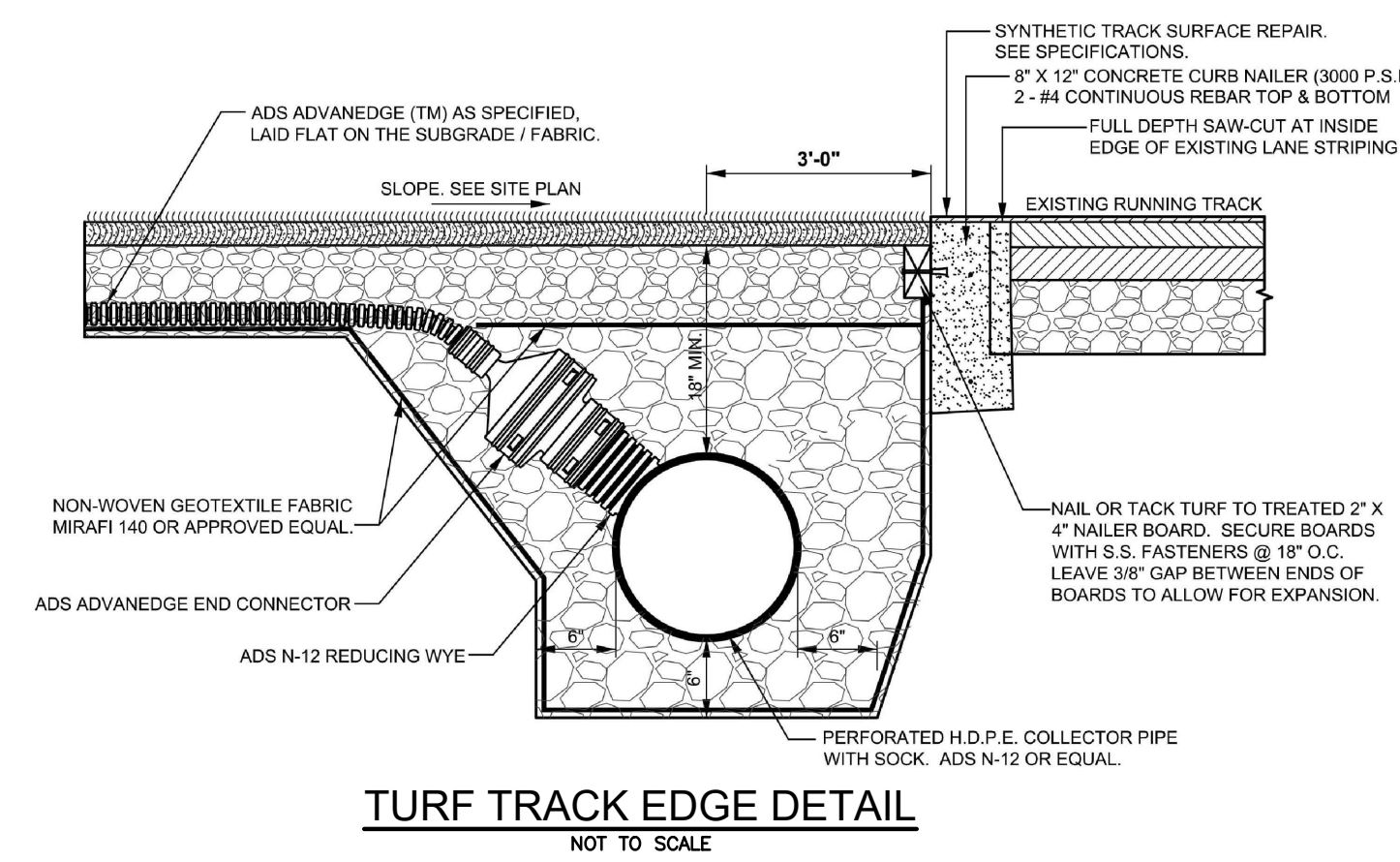
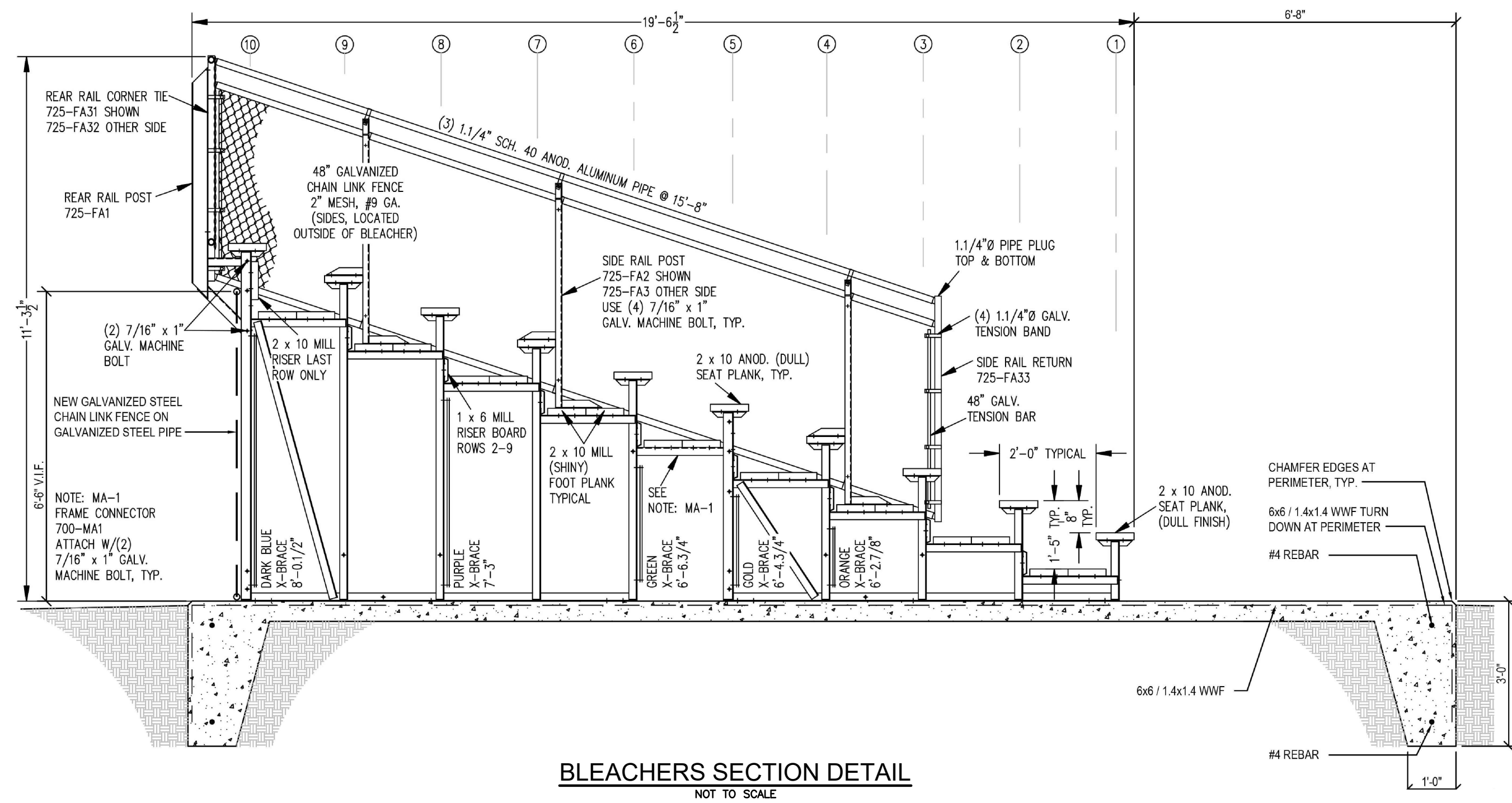
REVISIONS

MARK	DESCRIPTION	DATE

SHEET TITLE: CONSTRUCTION DETAILS - 2

RIDE STAGE II SCHEMATIC DESIGN

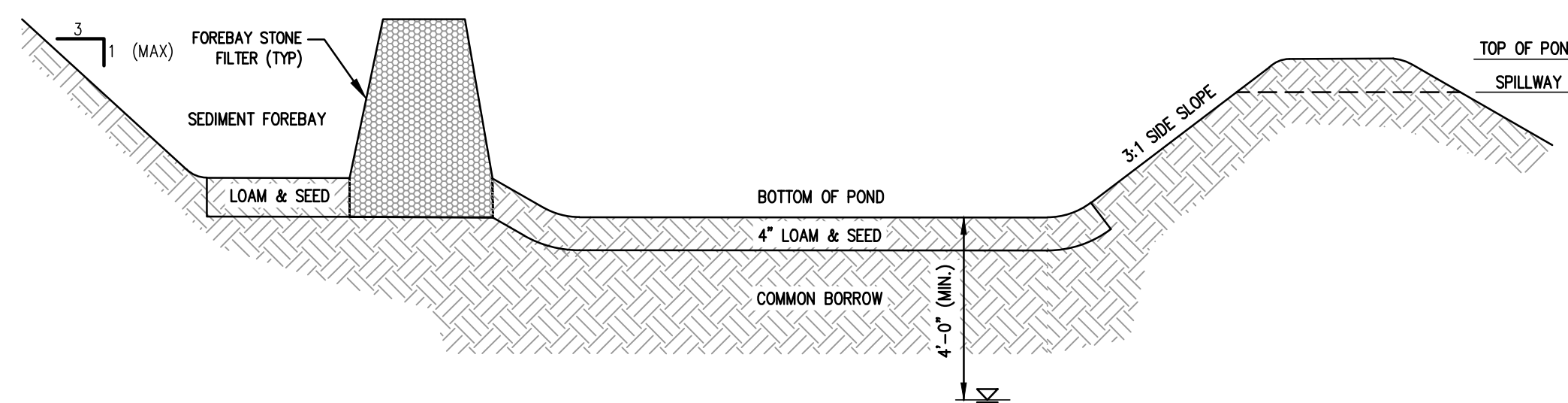
7-12-2023
 DRAWN: KJA, CHK'D: SSH, PROJECT NO: 7458.1
 SHEET NO. C-7



BIORETENTION SOIL MIX
SOIL FOR BIORETENTION SHALL HAVE A SANDY LOAM, LOAMY SAND, OR LOAM TEXTURE PER USDA TEXTURAL TRIANGLE.
MAXIMUM CLAY CONTENT SHALL BE 2%
SOIL MIXTURE SHALL BE 60-70% SAND,
15-25% TOPSOIL, AND
15%-25% ORGANIC MATTER

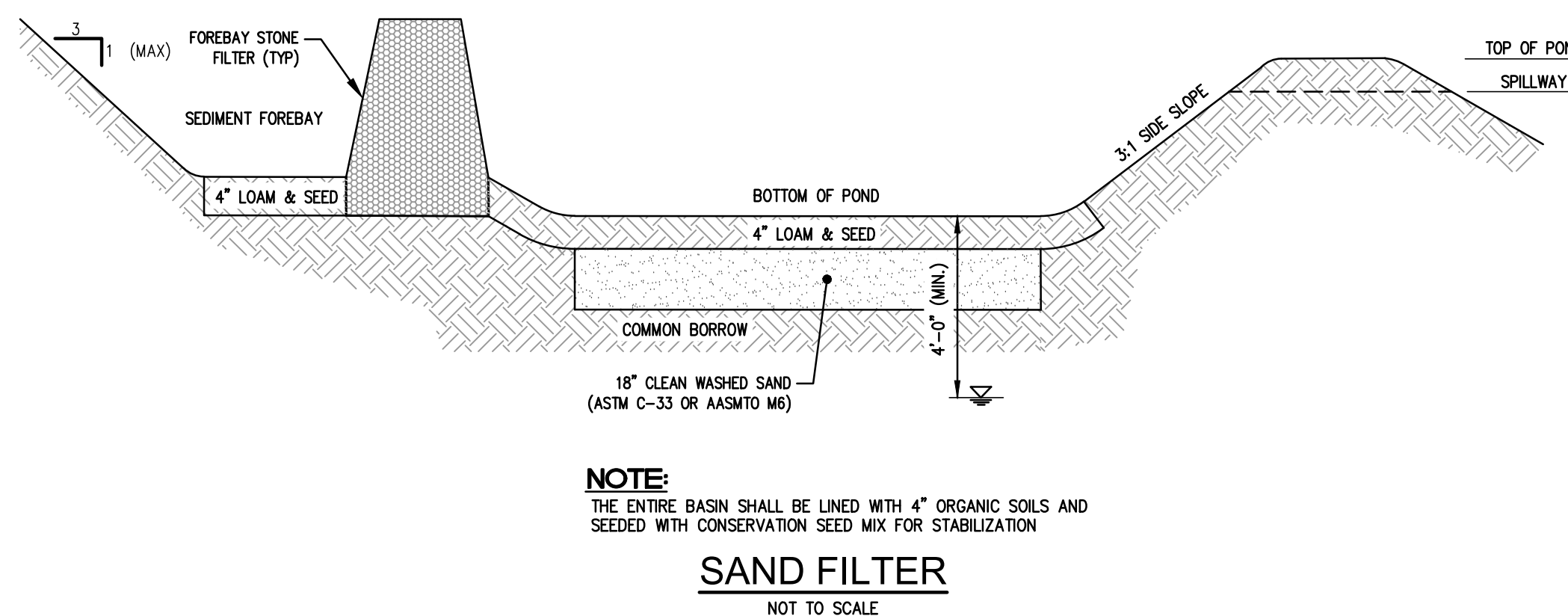
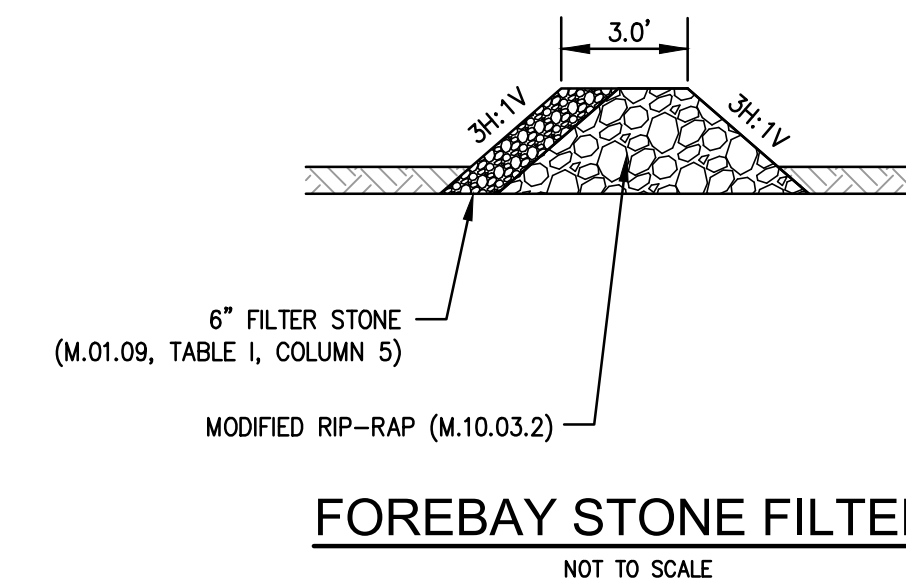
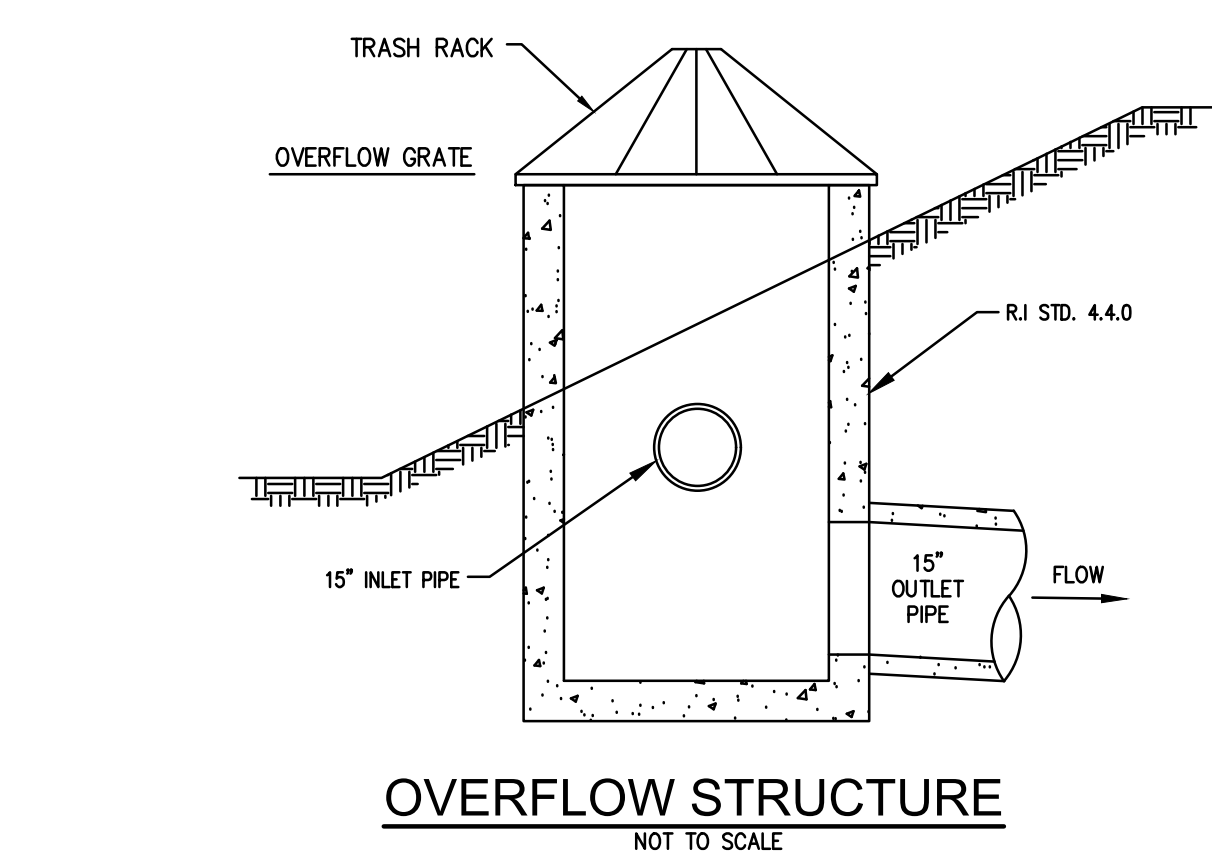
NOTE:
BIORETENTION SOIL AND SURFACE MULCH LAYERS SHALL CONFORM TO THE CONSTRUCTION AND MATERIAL SPECIFICATIONS PROVIDED WITHIN RISDGM APPENDIX F.5.2 'CONSTRUCTION SPECIFICATIONS FOR BIORETENTION SYSTEMS'.

BIORETENTION BASIN
NOT TO SCALE



NOTE:
THE ENTIRE BASIN SHALL BE LINED WITH 4" ORGANIC SOILS AND SEEDS WITH CONSERVATION SEED MIX FOR STABILIZATION

INFILTRATION BASIN
NOT TO SCALE



NOTE:
THE ENTIRE BASIN SHALL BE LINED WITH 4" ORGANIC SOILS AND SEEDS WITH CONSERVATION SEED MIX FOR STABILIZATION

SAND FILTER
NOT TO SCALE

7/1/2023 8:07 AM

THIS DRAWING IS THE PROPERTY OF STUDIOJAED AND IS PREPARED FOR THE EXCLUSIVE USE OF ITS CLIENTS AT THE LOCATION INDICATED. NO OTHER USE IS AUTHORIZED OR INTENDED.

THE PROFESSIONAL SERVICES OF THE ARCHITECT ARE UNDERTAKEN FOR AND ARE PERFORMED IN THE INTEREST OF NAME OF PERSON EMPLOYING ARCHITECT. NO CONTRACTUAL OBLIGATION IS ASSUMED BY THE ARCHITECT FOR THE BENEFIT OF ANY OTHER PERSON INVOLVED IN THE PROJECT.

SIGNATURE: _____
DATE OF SIGNATURE: _____
DATE OF REGISTRATION EXPIRATION: _____
ARCHITECT / ENGINEER SEAL

PROJECT: **TOWN OF SOUTH KINGSTOWN NEW CONSTRUCTION**
AT THE
CURTIS CORNER MIDDLE SCHOOL & SOUTH KINGSTOWN JUNIOR HIGH SCHOOL
301 CURTIS CORNER ROAD
SOUTH KINGSTOWN, RI 02879

REVISIONS		
MARK	DESCRIPTION	DATE

SHEET TITLE
CONSTRUCTION DETAILS - 3

RIDE STAGE II SCHEMATIC DESIGN

7-12-2023
DRAWN: KJA CHK'D: SSH PROJECT NO: 7458.1
SHEET NO.