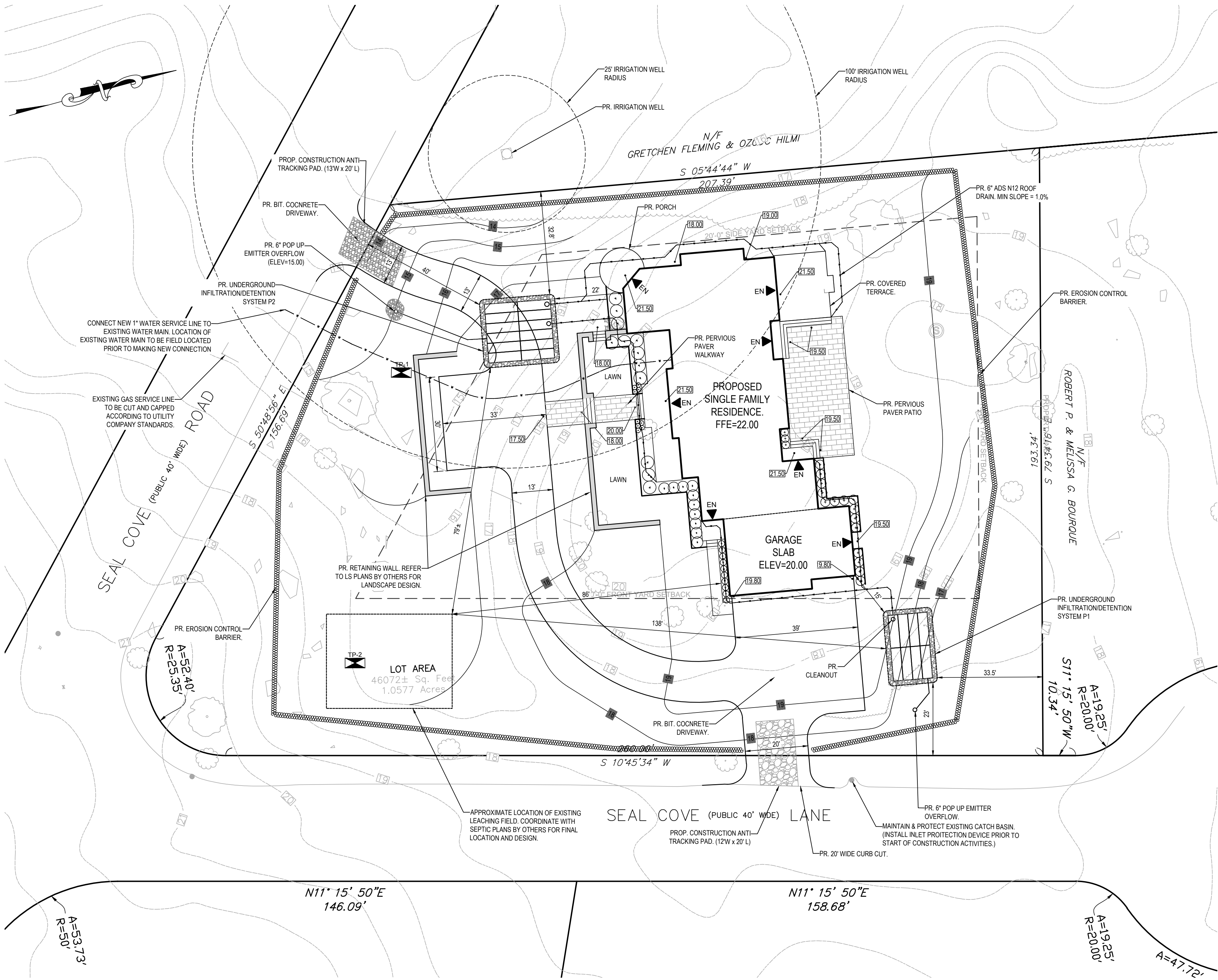




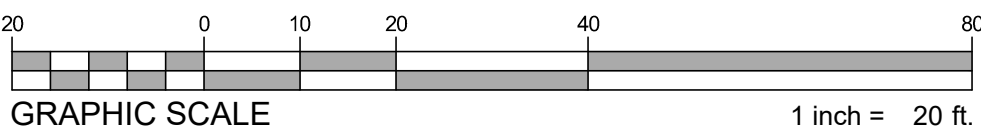
DRAINAGE SCHEDULE			
UNDERGROUND INFILTRATION/DETENTION SYSTEM P1 8 (4 X 2 LAYOUT) CULTEC 150 XLHD CHAMBERS		UNDERGROUND INFILTRATION/DETENTION SYSTEM P1 12 (6 X 2 LAYOUT) CULTEC 150 XLHD CHAMBERS	
BOTTOM OF STONE:	13.50	BOTTOM OF STONE:	13.00
BOTTOM OF CHAMBER:	14.00	BOTTOM OF CHAMBER:	13.50
TOP OF CHAMBER:	15.50	TOP OF CHAMBER:	15.00
TOP OF STONE:	16.00	TOP OF STONE:	15.50
INV(IN 6"):	14.50	INV(IN 6"):	14.00

PLAN CALCULATIONS	
IMPERVIOUS CALCULATION:	
- EXISTING IMPERVIOUS:	
- ROOF =	3,191 SF
- DRIVEWAY =	3,985 SF
- HARDSCAPE =	2,781 SF
- TOTAL =	9,957 SF
- PROPOSED IMPERVIOUS:	
- ROOF =	4,917 SF
- DRIVEWAY =	5,208 SF
- HARDSCAPE =	1,301 SF
- TOTAL =	11,426 SF
IMPERVIOUS INCREASE = 1,469 SF *987 SF OF IMPERVIOUS CONSISTS OF PERVIOUS PAVERS	
AREA OF LAND DISTURBANCE: 32,000± SF	

- PLAN NOTES**
- PROPOSED GRADING, DRAINAGE & UTILITY PLAN SHALL BE UTILIZED FOR THE GRADING, DRAINAGE AND UTILITY CONSTRUCTION. REFER TO SITE PLAN AND ARCHITECTURAL PLANS FOR BUILDING DESIGN AND LAYOUT.
 - CONTRACTOR SHALL COORDINATE WITH THE TOWN OF HINGHAM DPW AND ENGINEERING DEPARTMENT PRIOR TO THAT START OF CONSTRUCTION ACTIVITIES.
 - ALL PROPOSED UTILITIES SHALL COMPLY WITH THE TOWN OF HINGHAM STANDARDS.
 - CONTRACTOR SHALL COORDINATE WITH TOWN OF HINGHAM PRIOR TO MAKING ANY CONNECTIONS WITHIN THE RIGHT OF WAY.
 - COORDINATE WITH LOCAL GAS AND ELECTRIC COMPANY FOR FINAL GAS AND ELECTRIC LOCATIONS.
 - PROPOSED AREA DRAINS WITHIN THE FOOTPRINT OF THE POOL PATIO AREA SHALL BE ADS " DRAIN BASIN GRATES SHALL BE CAST IRON GRATE OR APPROVED EQUAL.
 - ALL PROPOSED DRAIN PIPE SHALL BE ADS N12 PVC UNLESS OTHERWISE NOTED
 - ALL DOWNSPOUTS SHALL HAVE LEAF FILTER SCREEN WITH IN-LINE CLEANOUT AND OVERFLOW AT EACH DOWNSPOUT LOCATION
 - ANY TOPSOIL, SUBSOIL OR IMPERVIOUS SOIL SHALL BE EXCAVATED AND REMOVED FROM BELOW THE FOOTPRINT OF THE PROPOSED UNDERGROUND INFILTRATION SYSTEM UNTIL PARENT MATERIAL IS OBSERVED. BACKFILL AS REQUIRED WITH CLEAN GRANULAR SAND FREE FROM ORGANIC MATERIALS AND SILTS.
 - AT THE END OF CONSTRUCTION ACTIVITIES ALL DRAINAGE STRUCTURES SHALL BE CLEANED.
 - NO MODIFICATIONS TO THE APPROVED SITE PLANS SHALL BE MADE WITHOUT THE AUTHORIZATION OF THE DESIGN ENGINEER. A REVISED SITE PLAN OR SKD WILL SHALL BE ISSUED BY THE DESIGN ENGINEER OF RECORD PRIOR TO ANY CHANGES BEING IMPLEMENTED.
 - COORDINATE WITH LOCAL ELECTRIC COMPANY REGARDING NEW ELECTRIC CONNECTION FOR PROPOSED ADDITION AND ADU
 - PERMIT WITH THE BOARD OF HEALTH WILL BE REQUIRED FOR THE PROPOSED POOL HOUSE/ADU BUILDING.
 - REFER TO SEPTIC DESIGN PLAN BY OTHERS FOR FINAL SEPTIC DESIGN.
 - REFER TO LANDSCAPE PLANS BY OTHERS FOR LANDSCAPE AND PLANTING PLANS.

DEEP OBSERVATION HOLE LOG											
DEEP OBSERVATION HOLE NUMBER:					TP-1	GROUND ELEVATION:					114.50±
Depth (in)	Horizon/ Layer	Matrix: Color-Moist	Redoximorphic Features			Texture (USDA)	Coarse Fragments (Percent by Volume)		Structure	Consistence (Moist)	Other
			Depth (in)	Color	Percent		Gravel	Cobbles & Stones			
0-9 (113.75)	A	--	--	--	--	SANDY LOAM	--	--	--	--	--
9-29 (112.10)	Bw	--	--	--	--	SANDY LOAM	--	--	--	--	--
29-60 (109.50)	C1	10YR 5/2	56	--	--	SILT LOAM	--	--	Abk	Fr	--
60-96 (106.50)	C2	10YR 4/3	--	--	--	SILT LOAM	--	--	Abk	Fr	--
NOTES: 1. NO WEEPING OR STANDING WATER OBSERVED 2. REDOX AT 56" (109.85) 3. LOGGED BY ALFONS KOKA, SE14000 ON 07/13/2026.											

DEEP OBSERVATION HOLE LOG											
DEEP OBSERVATION HOLE NUMBER:					TP-2	GROUND ELEVATION:					117.00±
Depth (in)	Horizon/ Layer	Matrix: Color-Moist	Redoximorphic Features			Texture (USDA)	Coarse Fragments (Percent by Volume)		Structure	Consistence (Moist)	Other
			Depth (in)	Color	Percent		Gravel	Cobbles & Stones			
0-12 (116.00)	A	--	--	--	--	SANDY LOAM	--	--	--	--	--
12-36 (114.00)	Bw	--	--	--	--	SANDY LOAM	--	--	--	--	--
36-50 (112.85)	C1	10YR 5/2	--	--	--	SILT LOAM	--	--	Abk	Fr	--
50-86 (109.00)	C2	10YR 4/3	--	--	--	SILT LOAM	--	--	Abk	Fr	--
NOTES: 1. NO STANDING WATER OBSERVED 2. REDOX AT 66" (111.50) 3. WEEPING AT 76" 4. LOGGED BY ALFONS KOKA, SE14000 ON 07/13/2026.											



77 N Water Street
New Bedford, MA 02740
Tel: (508)-730-9515

BRIAN ROBERTS
6 HOWE STREET
HINGHAM, MA 02043

Owner/Applicant

Consultant:

FOR PERMIT

Issue Type

11 SEAL COVE ROAD
HINGHAM MA
(PARCEL ID: 41/0/8)

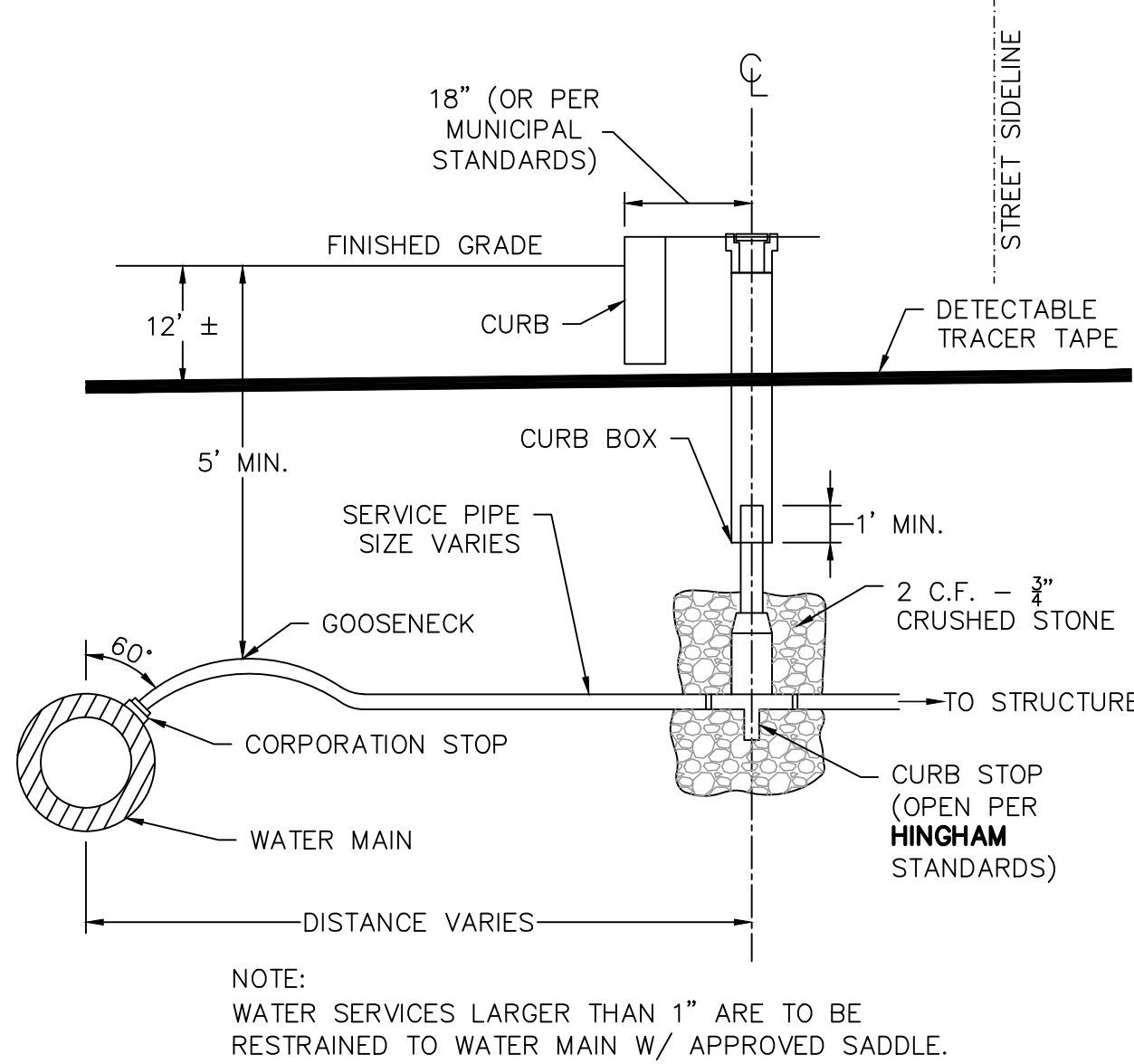
Date	Description	By	REV

PROPOSED
SINGLE FAMILY
RESIDENCE AT 11 SEAL
COVE RD

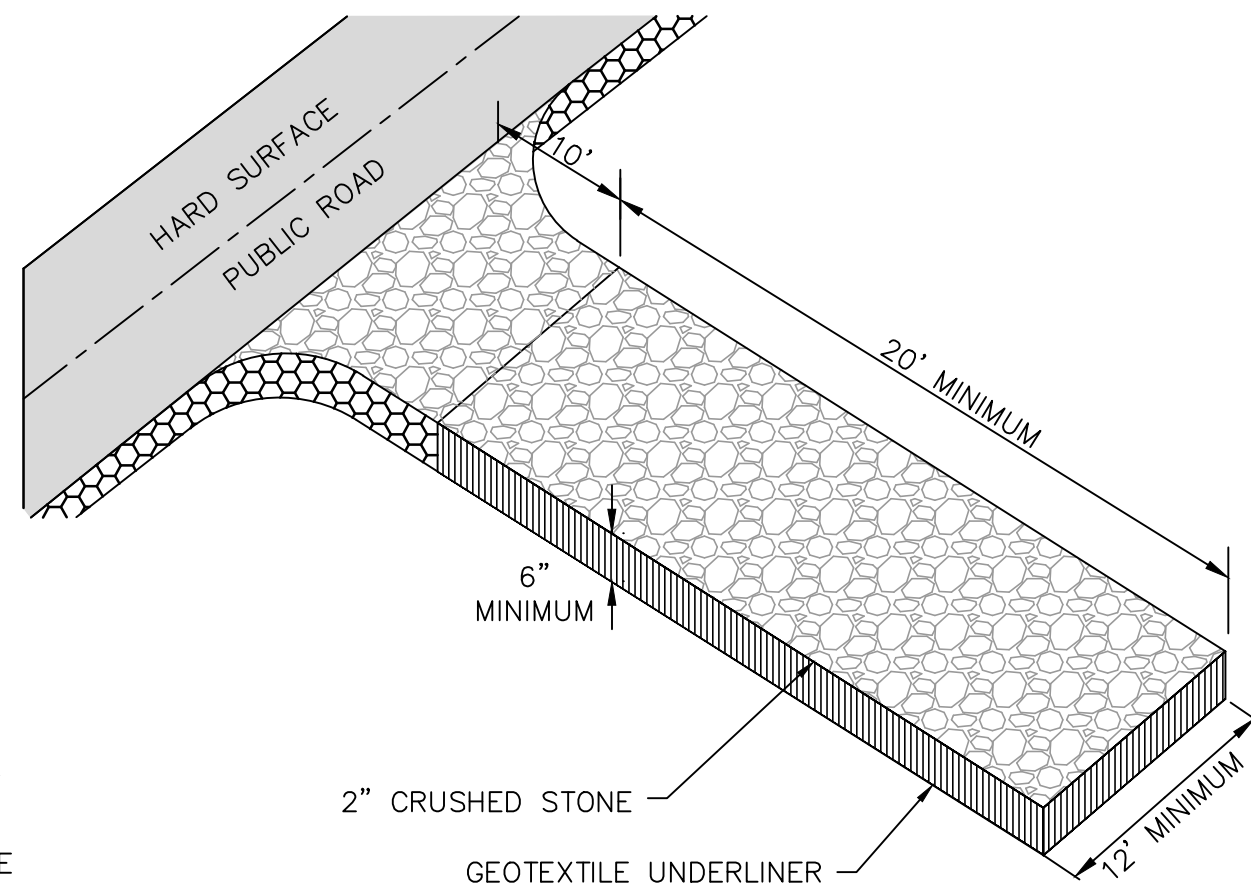
GRADING,
DRAINAGE & UTILITY
PLAN

Drawing Title

Project No. 26046	Checked AK	Date 08.12.2026
Designed BB	Approved AK	Scale AS SHOWN
Drawing No. C-1		

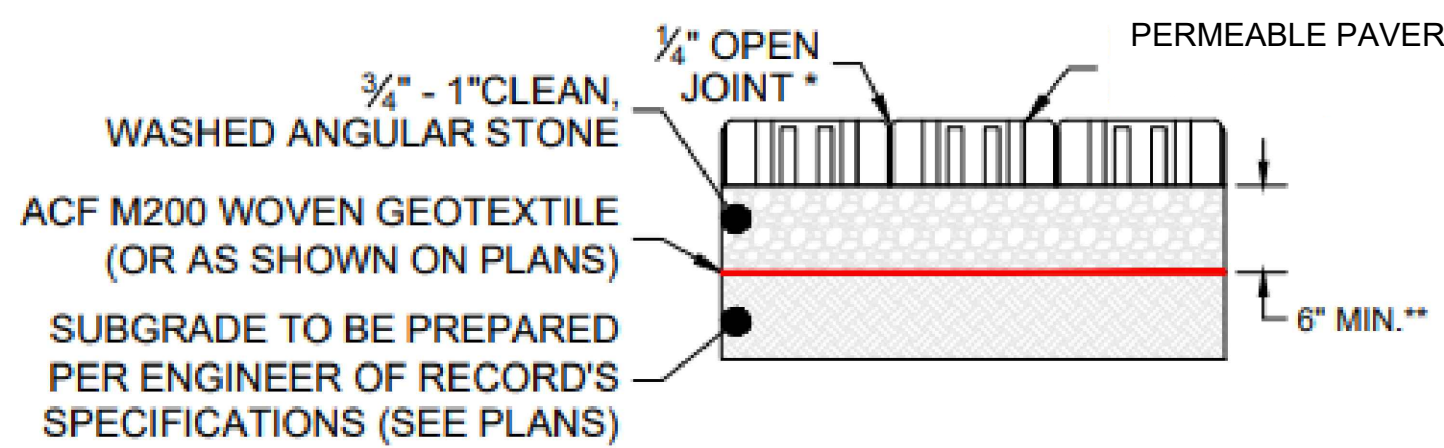


WATER SERVICE CONNECTION
NOT TO SCALE



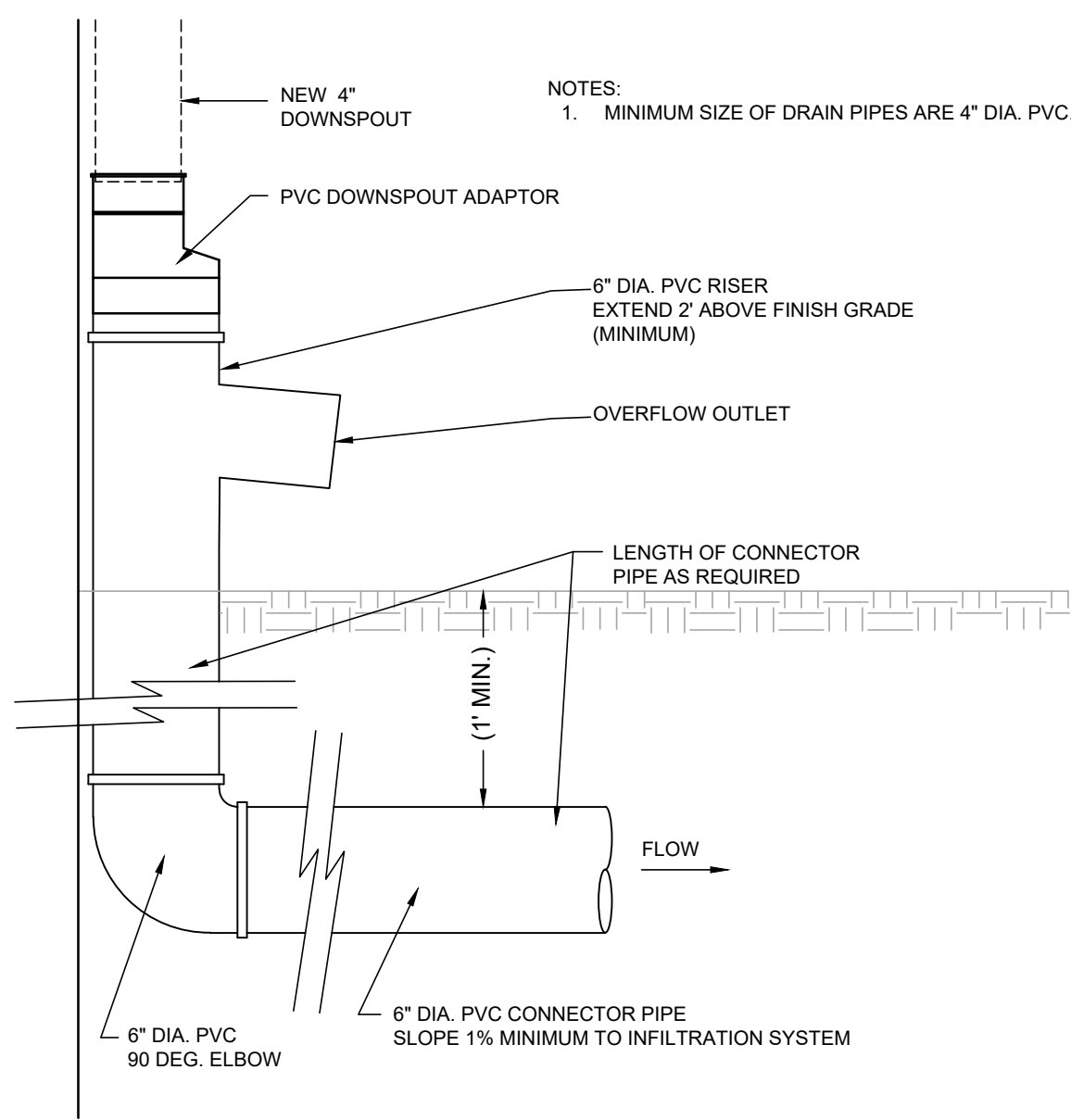
- NOTES
1. MAINTAIN ANTI-TRACKING PAVEMENT IN GOOD CONDITION THROUGH OUT CONSTRUCTION PERIOD.
 2. ROADWAY SHALL BE SWEEPED DAILY TO REMOVE ANY MATERIAL THAT MAY BE TRACKED ONTO THE PAVEMENT.

CONSTRUCTION ANTI TRACKING PAD
NOT TO SCALE

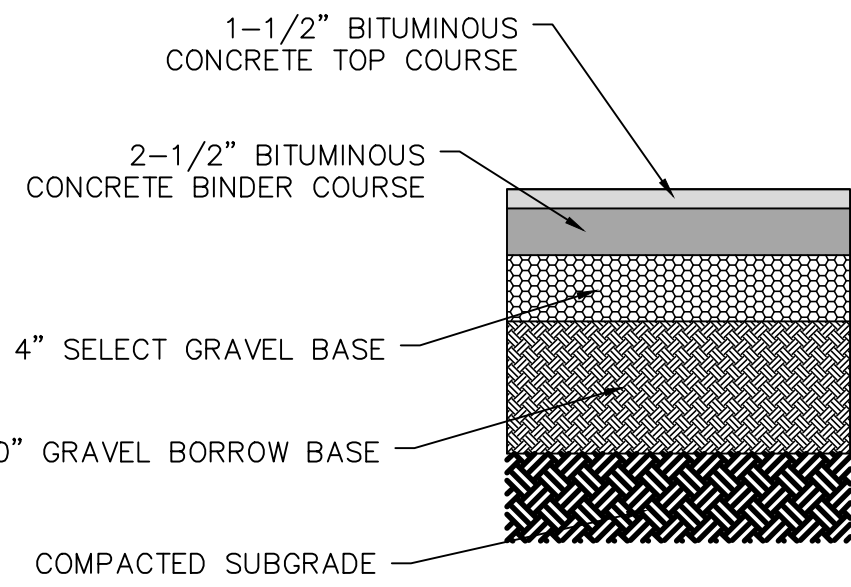


SECTION A-A

PERVIOUS PAVER DETAIL
NOT TO SCALE

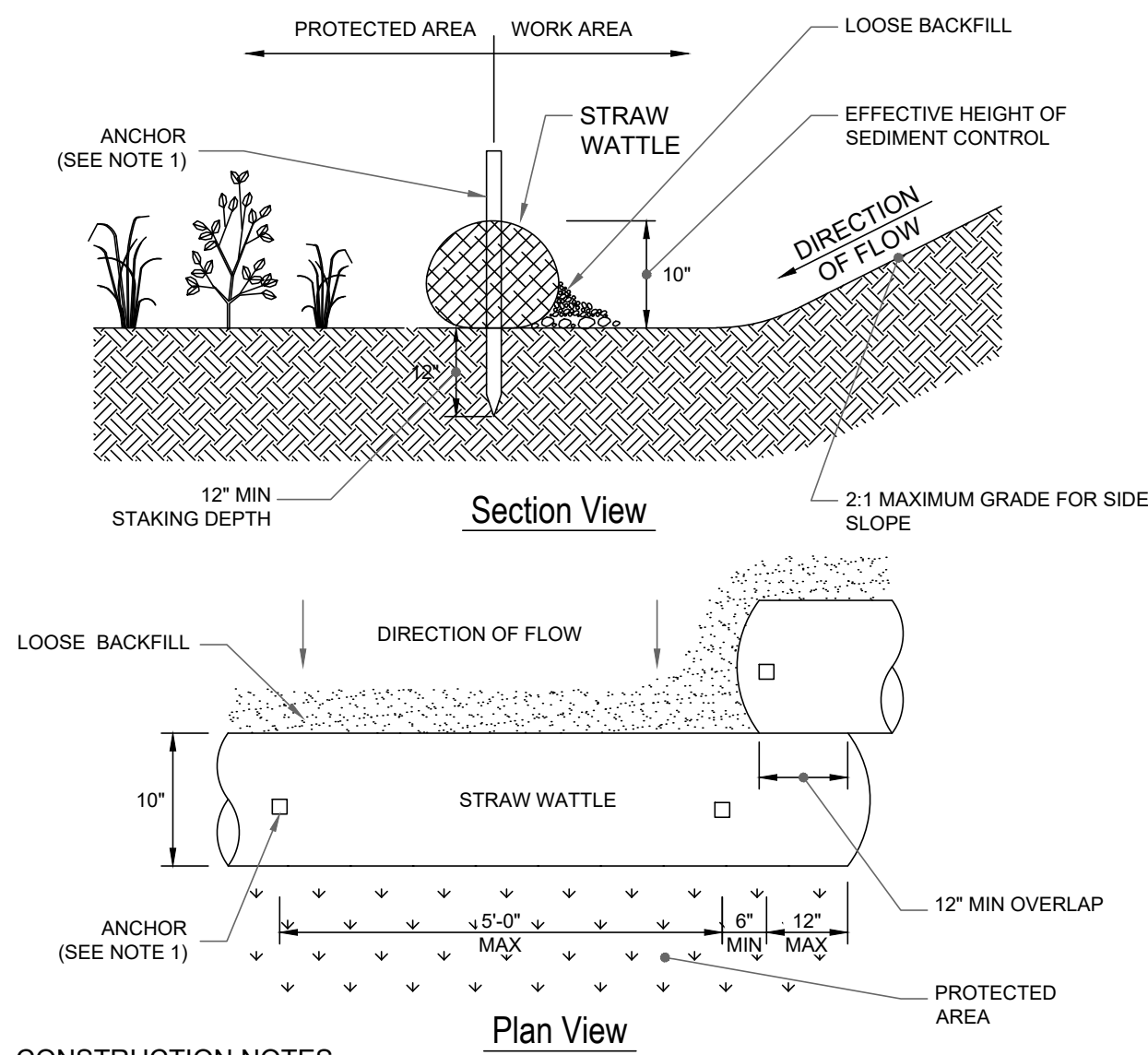


DOWNSPOUT WITH OVERFLOW
NOT TO SCALE



NOTE:
BASE AND SUBBASE MATERIAL TO CONFORM
TO MASSHIGHWAY STATE STANDARD
SPECIFICATIONS SECTIONS M.3.11.03

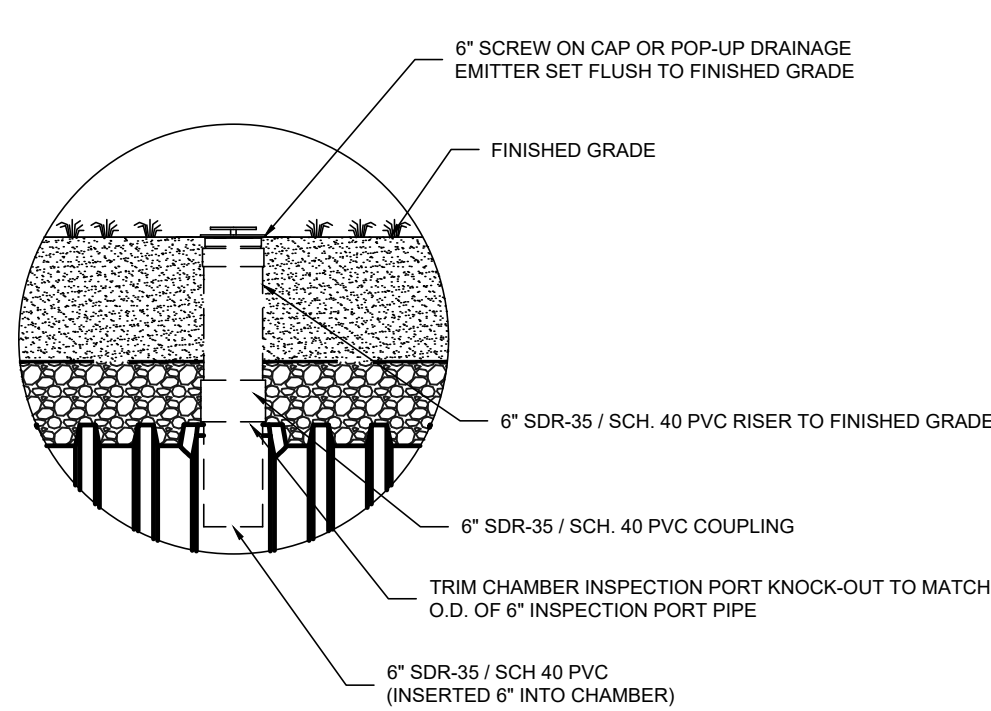
PAVEMENT REPAIR SECTION
NOT TO SCALE



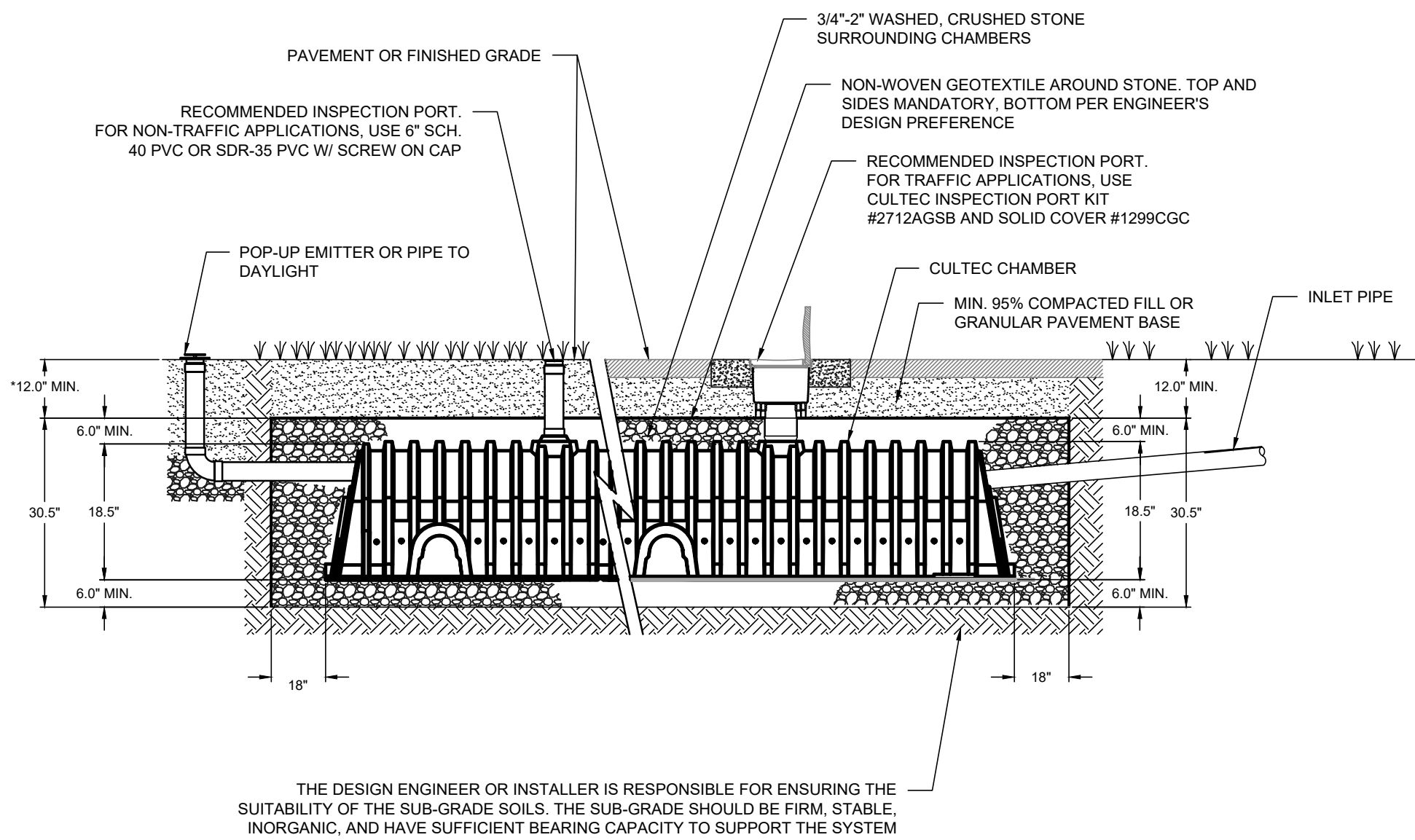
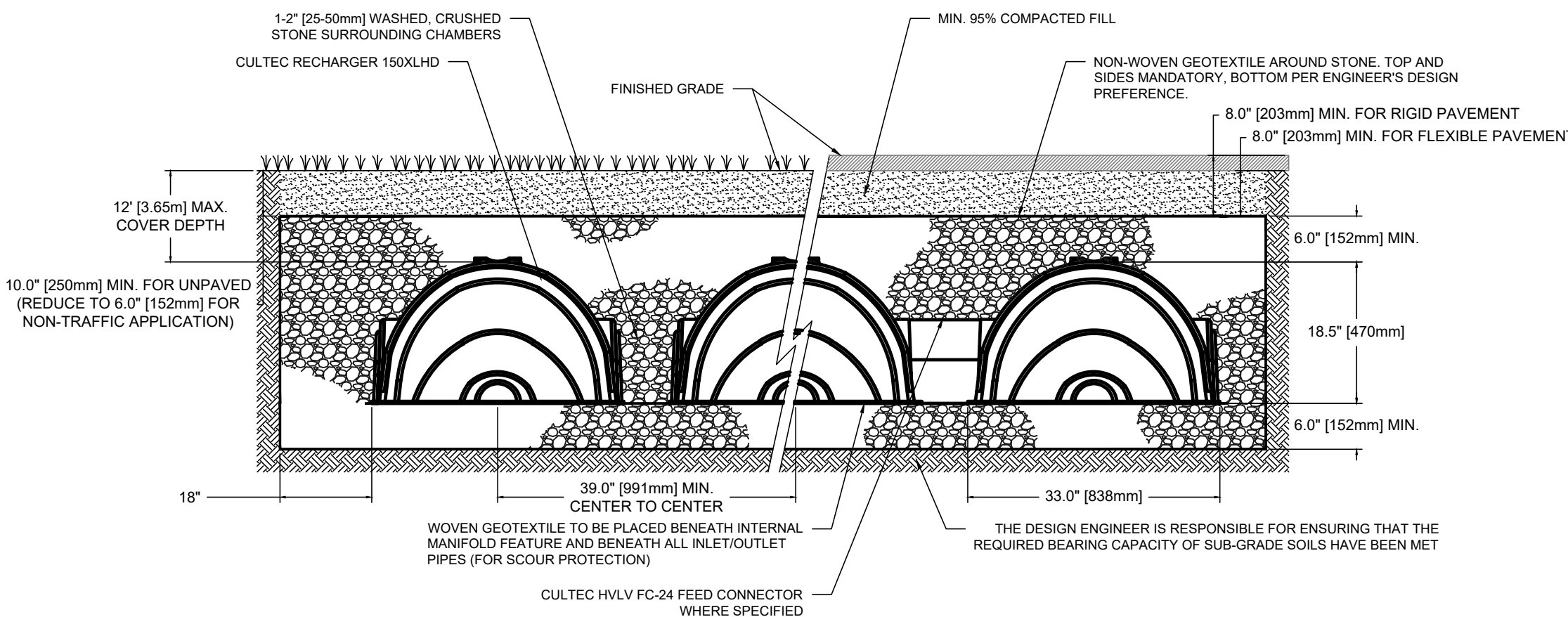
CONSTRUCTION NOTES

1. ANCHOR TO BE A 2" X 2" X 36" HARD WOOD STAKE, OR APPROVED EQUAL.
2. EROSION CONTROL SHALL BE REMOVED ONCE VEGETATION HAS BEEN ESTABLISHED.
3. STRAW WATTLE SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN DAYS OR PER LOCAL AND STATE REQUIREMENTS. REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY, AS NEEDED.
4. METHOD OF INSTALLATION SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS.

EROSION CONTROL BARRIER
NOT TO SCALE



NON-TRAFFIC INSPECTION PORT
NOT TO SCALE



*FOR NON-TRAFFIC APPLICATIONS, THE DEPTH OF COVER ABOVE THE EMBEDMENT STONE LAYER MAY BE REDUCED TO 6.0"
*CULTEC RECOMMENDS THE USE OF THE STORMFILTER T-80 UPSTREAM OF ALL SYSTEM INLETS. THE STORMFILTER T-80 MUST BE LOCATED IN A NON-TRAFFIC AREA

CULTEC RECHARGER 150 XLHD
NOT TO SCALE



77 N Water Street
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HINGHAM, MA 02043

Owner/Applicant

Consultant:

FOR PERMIT

Issue Type

11 SEAL COVE ROAD
HINGHAM MA
(PARCEL ID: 41/0/8)

PROPOSED
SINGLE FAMILY
RESIDENCE AT 11 SEAL
COVE RD

DETAILS

Drawing Title

Project No. 26046	Checked AK	Date 08.12.2026
Designed BB	Approved AK	Scale AS SHOWN
Drawing No.		

C-2

