

Site Plan for

Williamsburg Safety Complex

Williamsburg, Massachusetts

SITE PLAN REVIEW SUBMISSION

Prepared For:

Town of Williamsburg
141 Main St
Haydenville, MA 01039

Date:

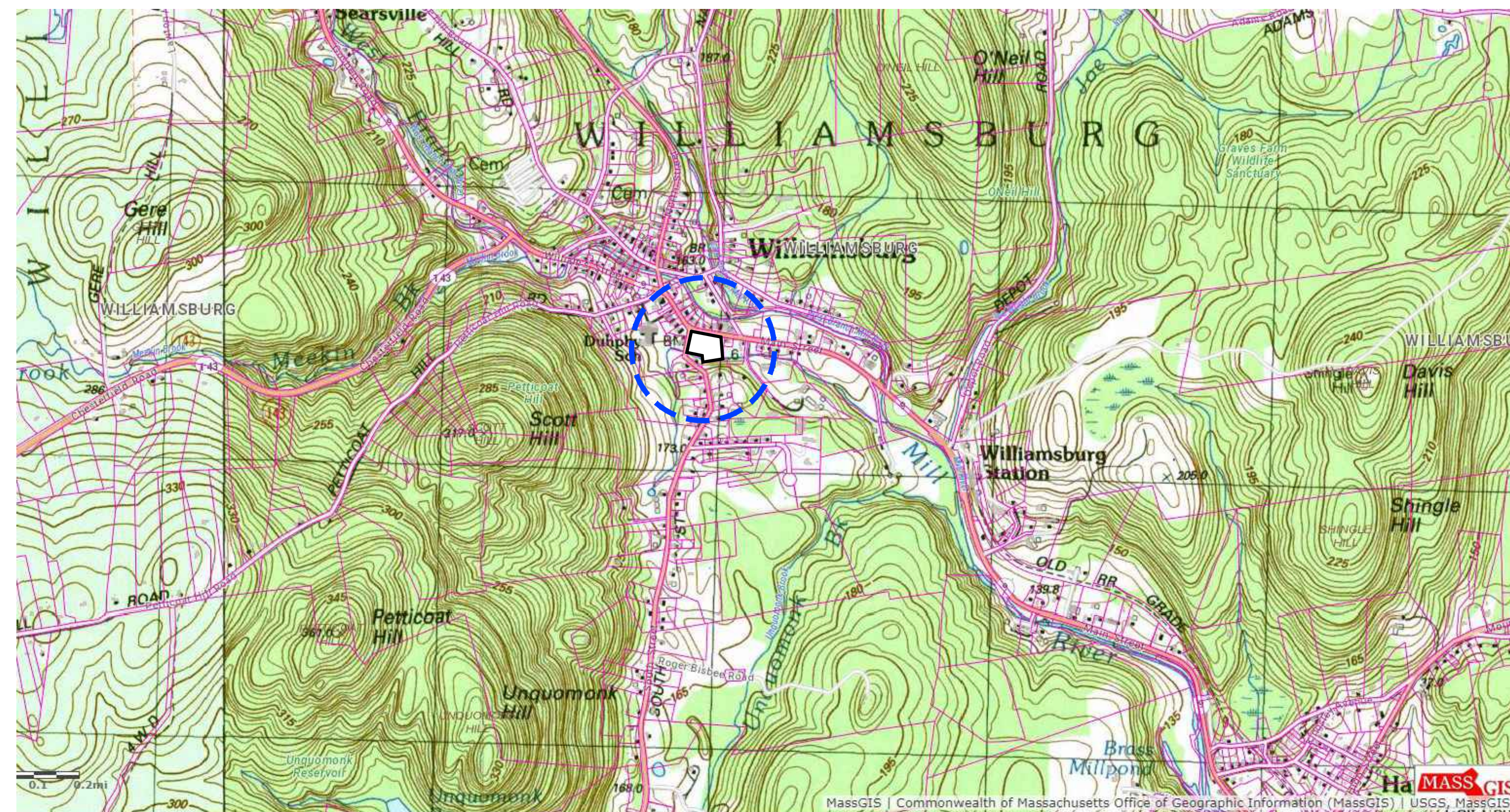
November 4, 2021

Prepared By:



Landscape Architecture
Civil Engineering
Planning
Land Surveying

4 Allen Place Northampton
Massachusetts 01060
www.berkshiredesign.com



Locus Map

Sheet Index

	COVER
LC-100	OVERALL EXISTING CONDITIONS PLAN
LC-101	EXISTING CONDITIONS PLAN
LC-111	SITE LAYOUT & PLANTING PLAN
LC-121	GRADING AND UTILITIES PLAN
LC-601	SITE DETAILS
LC-602	SITE DETAILS
LC-603	MASS DOT SITE DETAILS
A1.1	FIRST FLOOR PLAN
A3.0	BUILDING ELEVATIONS SOUTH + NORTH
A3.1	BUILDING ELEVATIONS EAST + WEST

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Williamsburg
Safety Complex
16 Main Street
Williamsburg, MA

PERMIT SET

OVERALL
EXISTING CONDITIONS

Revisions

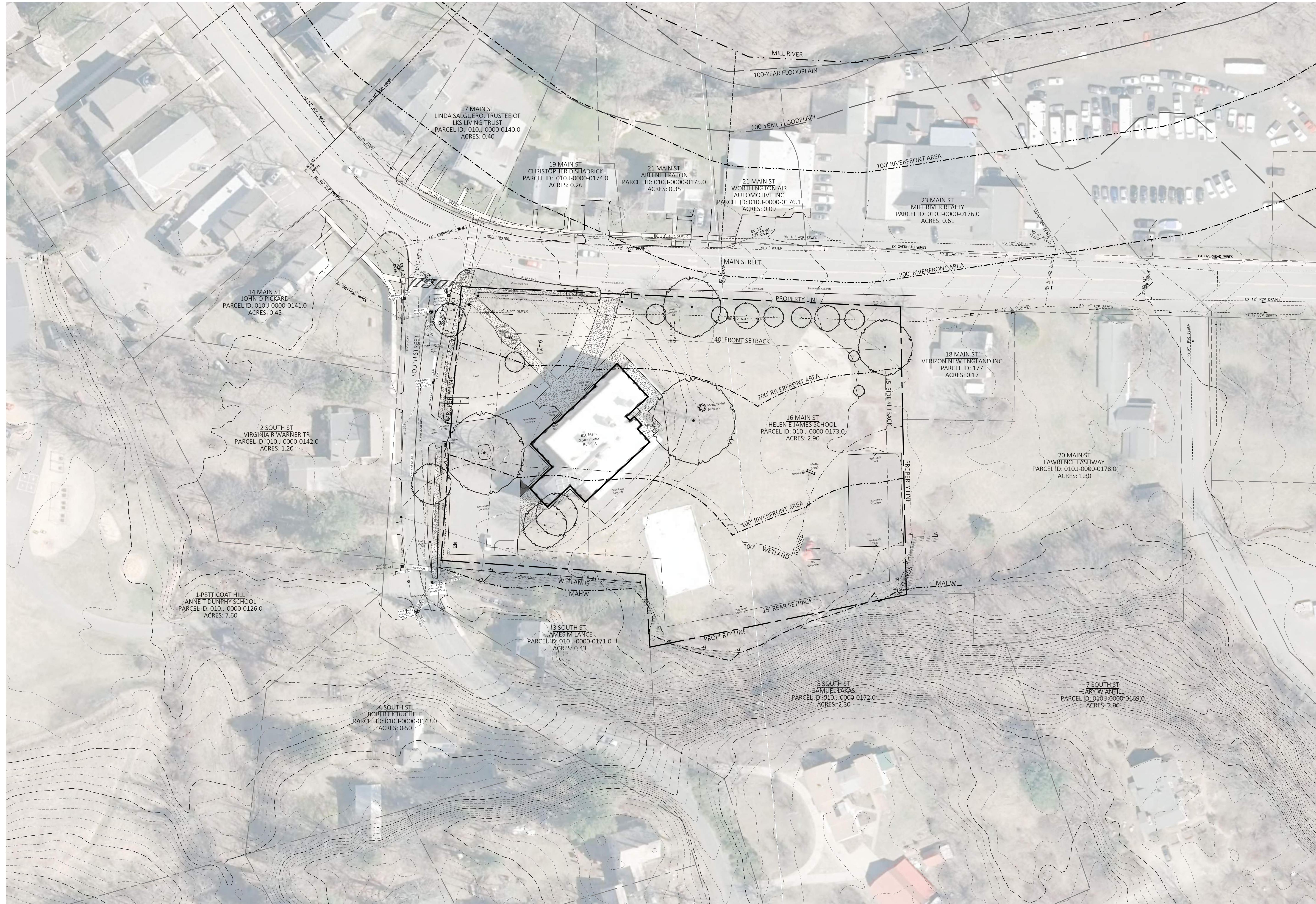
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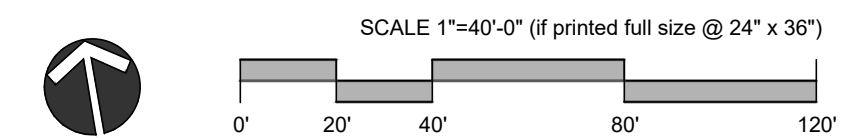
LC-100



EXISTING CONDITIONS

- THE EXISTING CONDITIONS DEPICTED HEREON WERE OBTAINED BY A FIELD SURVEY IN SPRING, 2021 BY THE BERKSHIRE DESIGN GROUP, INC.
- THIS PLAN IS PREPARED AS A SITE DESIGN AND IS NOT INTENDED TO BE USED FOR DETERMINATION OF PROPERTY LINES.
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS. IF A DISCREPANCY IS FOUND BETWEEN THIS PLAN AND THE ACTUAL FIELD CONDITION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE LANDSCAPE ARCHITECT.
- THIS PLAN DOES NOT SHOW ANY UNRECORDED OR UNWRITTEN EASEMENTS WHICH MAY EXIST. A REASONABLE AND DILIGENT ATTEMPT HAS BEEN MADE TO OBSERVE ANY APPARENT, VISIBLE USES OF THE LAND; HOWEVER, THIS DOES NOT CONSTITUTE A GUARANTEE THAT NO SUCH EASEMENTS EXIST.
- THIS PLAN AND SURVEY WERE PREPARED USING GNSS AND CONVENTIONAL SURVEY METHODS. A LEICA TS15 TOTAL STATION WAS USED HAVING AN ACCURACY OF 5" AND 5 PPM. A LEICA GS14 NETWORK RTK WAS USED HAVING SUBCENTIMETER ACCURACY.
- THE BASIS OF BEARINGS, AZIMUTHS, AND THE NORTH ARROW SHOWN HEREON IS THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM (NAD83). THE BASIS OF THE ELEVATIONS
- RESOURCE AREA DELINEATION FROM MASSGIS DATA AND FROM WETLAND DELINEATION BY WAR SMITH FOR THE DUNPHY SCHOOL PROJECT COMPLETED IN 2017.

DEPICTED HEREON IS A GRID SEPARATION CALCULATION BASED ON GEOID12A RESULTING IN NAVD83.



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EXISTING CONDITIONS &
DEMOLITION PLAN

Revisions

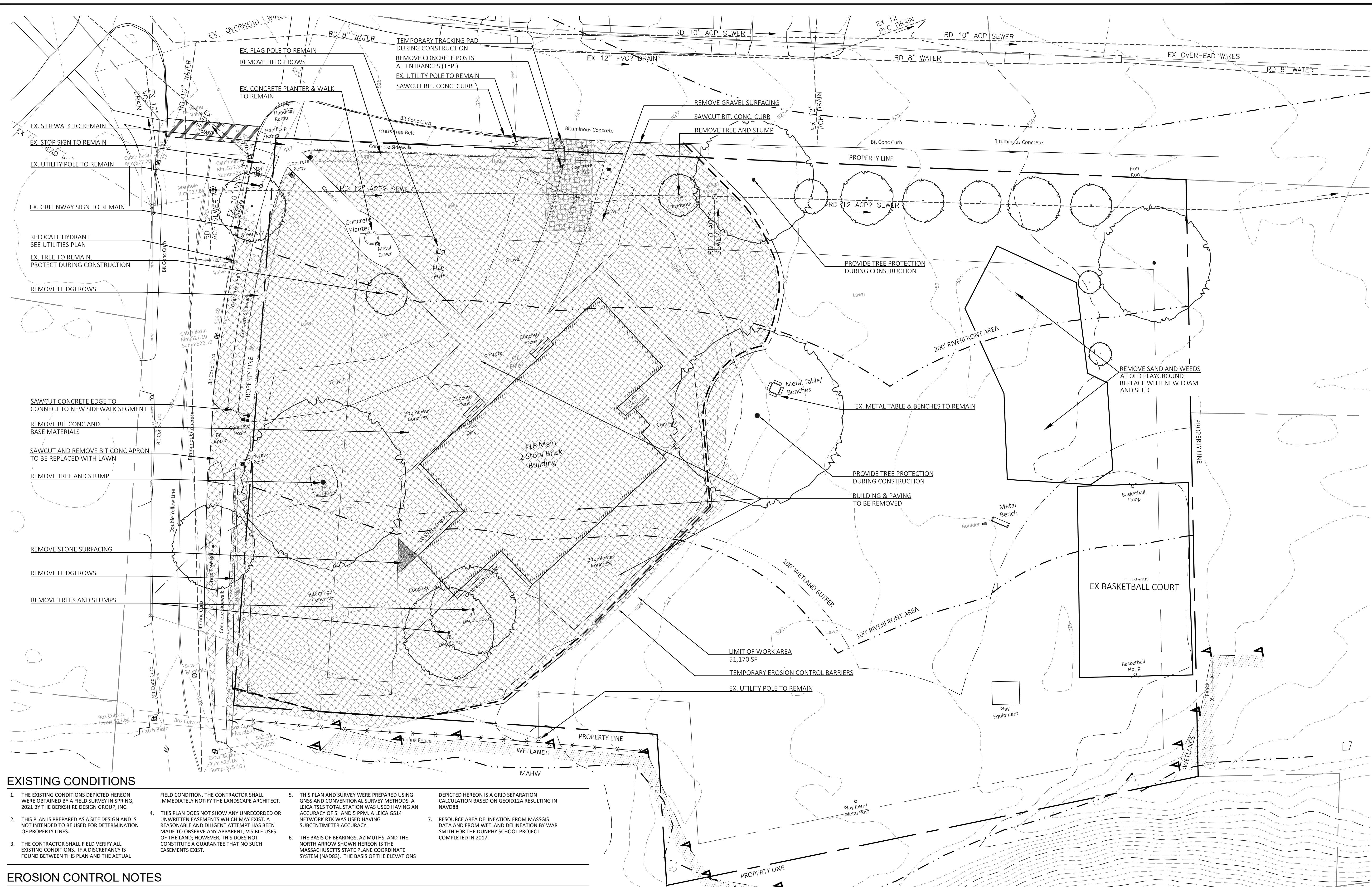
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LC-101



EXISTING CONDITIONS

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3. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS. IF A DISCREPANCY IS FOUND BETWEEN THIS PLAN AND THE ACTUAL

FIELD CONDITION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE LANDSCAPE ARCHITECT.

4. THIS PLAN DOES NOT SHOW ANY UNRECORDED OR UNWRITTEN EASEMENTS WHICH MAY EXIST. A REASONABLE AND DILIGENT ATTEMPT HAS BEEN MADE TO OBSERVE ANY APPARENT, VISIBLE USES OF THE LAND; HOWEVER, THIS DOES NOT CONSTITUTE A GUARANTEE THAT NO SUCH EASEMENTS EXIST.

5. THIS PLAN AND SURVEY WERE PREPARED USING GNSS AND CONVENTIONAL SURVEY METHODS. A LEICA TS15 TOTAL STATION WAS USED HAVING AN ACCURACY OF 5" AND 5 PPM. A LEICA GS14 NETWORK RTK WAS USED HAVING SUBCENTIMETER ACCURACY.
6. THE BASIS OF BEARINGS, AZIMUTHS, AND THE NORTH ARROW SHOWN HEREON IS THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM (NAD83). THE BASIS OF THE ELEVATIONS

DEPICTED HEREON IS A GRID SEPARATION CALCULATION BASED ON GEOID12A RESULTING IN NAVD83.

7. RESOURCE AREA DELINEATION FROM MASSGIS DATA AND FROM WETLAND DELINEATION BY WAR SMITH FOR THE DUNPHY SCHOOL PROJECT COMPLETED IN 2017.

EROSION CONTROL NOTES

1. THE CONTRACTOR SHALL INSTALL EROSION CONTROL DEVICES AS NECESSARY TO PREVENT EROSION WITHIN THE SITE AND MIGRATION OF SEDIMENT OUT OF THE SITE, OR AS DIRECTED BY THE ENGINEER. ALL DEVICES SHALL COMPLY WITH THE MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES, CURRENT VERSION.
2. THE PROPOSED WORK WILL DISTURB MORE THAN ONE ACRE OF LAND, AND IS SUBJECT TO PERMITTING BY THE US ENVIRONMENTAL PROTECTION AGENCY (EPA) UNDER THE NPDES CONSTRUCTION ACTIVITIES PERMIT. THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH THE NPDES PERMIT, INCLUDING PREPARATION AND MAINTENANCE OF A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR THE SITE.
3. THE PROPOSED PROJECT IS SUBJECT TO PERMITTING BY THE TOWN OF WILLIAMSBURG. THE CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS OF THE PERMIT.
4. ALL VEHICLES ENTERING AND EXITING THE SITE

SHALL BE REQUIRED TO CROSS A TRACKING PAD TO PREVENT TRACKING OF SEDIMENT ONTO CAMPUS OR PUBLIC ROADWAYS. IF SEDIMENT IS FOUND ON ROADWAYS, THE SEDIMENT SHALL BE REMOVED IMMEDIATELY.

5. STORMWATER MANAGEMENT AREA LOCATIONS SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC AT ALL TIMES. EROSION CONTROL BARRIERS SHALL BE MAINTAINED AROUND THE INFILTRATION AREAS AND THE RAINFOREST UNIT. THE TRIBUTARY DRAINAGE AREA HAS BEEN STABILIZED AND THE PLANTINGS HAVE ESTABLISHED A VIABLE STABLE VEGETATIVE COVER.
6. ALL DEWATERING INLETS WITHIN AND DOWNSTREAM OF THE SITE SHALL BE PROTECTED WITH SEDIMENT BARRIER (SILT SACK OR EQUAL).
7. ALL DRAINAGE AREAS WITHIN AND DOWNSTREAM OF THE SITE SHALL BE PROTECTED WITH SEDIMENT BARRIER (SILT SACK OR EQUAL).
8. ALL SEDIMENT STOCKPILES SHALL BE SURROUNDED BY A CONTINUOUS SILT FENCE. IF THE STOCKPILE

WILL REMAIN UNUSED FOR MORE THAN 14 DAYS, THE STOCKPILE SHALL BE STABILIZED BY SEEDING.

9. ALL DISTURBED SLOPES GREATER THAN 5H:1V SHALL BE PROTECTED FROM EROSION BY THE INSTALLATION OF BIO-DEGRADABLE OR PHOTO-DEGRADABLE EROSION CONTROL BLANKETS. EROSION CONTROL BLANKETS SHALL BE USED IN OTHER LOCATIONS AS DIRECTED BY THE ENGINEER, IF OTHER MEANS OF EROSION CONTROL ARE FOUND TO BE INADEQUATE.
10. THE CONTRACTOR SHALL INSPECT ALL INSTALLED EROSION CONTROL DEVICES A MINIMUM OF ONCE PER WEEK AND AFTER EACH STORM. IF ANY DEVICE IS FOUND TO BE DAMAGED, THE CONTRACTOR SHALL REPAIR IT IMMEDIATELY. IF SEDIMENT IS FOUND TO FILL MORE THAN HALF THE HEIGHT OF THE DEVICE, THE SEDIMENT SHALL BE REMOVED OR THE DEVICE REPLACED.
11. THE CONTRACTOR SHALL MAINTAIN A STOCKPILE OF EXTRA EROSION CONTROL MATERIALS ON SITE AT ALL TIMES.

12. THE CONTRACTOR SHALL IMPLEMENT SPILL PREVENTION PROCEDURES AND MAINTAIN A SPILL PREVENTION AND CLEANUP PLAN FOR THE SITE. ALL MATERIALS THAT ARE CAPABLE OF SPILLING, LEAKING, DISSOLVING OR OTHERWISE POLLUTING STORMWATER RUNOFF SHALL BE COVERED WHILE STORED AT THE SITE.
13. ALL MATERIALS THAT ARE CAPABLE OF SPILLING, LEAKING, DISSOLVING OR OTHERWISE POLLUTING STORMWATER RUNOFF SHALL BE COVERED WHILE STORED AT THE SITE.
14. ALL SEDIMENT REMOVED FROM THE SITE SHALL BE HANDLED IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.
15. ALL TEMPORARY EROSION CONTROLS SHALL BE REMOVED FROM THE SITE PRIOR TO THE COMPLETION OF THE WORK, EXCEPT WHERE DEGRADABLE MATERIALS ARE TO REMAIN IN-PLACE PERMANENTLY.

SITE PREPARATION / DEMOLITION NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SITE EXAMINATION TO DETERMINE THE EXTENT OF DEMOLITION NECESSARY TO PREPARE THE SITE FOR CONSTRUCTION AND SHALL VERIFY ALL ITEMS TO BE DEMOLISHED OR SALVAGED WITH THE LANDSCAPE ARCHITECT PRIOR TO BEGINNING WORK.
2. CARE SHALL BE TAKEN NOT TO DAMAGE ANY ITEMS DESIGNATED TO REMAIN; REPAIR OR REPLACEMENT OF DAMAGED ITEMS DESIGNATED TO REMAIN SHALL BE AT THE CONTRACTORS' EXPENSE.
3. DISPOSAL OF PROPERTY DESIGNATED TO BE REMOVED SHALL BE AT THE DIRECTION OF THE LANDSCAPE ARCHITECT OR OWNER, AND SHALL CONFORM TO ALL APPLICABLE LAWS AND

REGULATIONS. ALL SALVAGABLE MATERIAL SHALL BE DELIVERED BY THE CONTRACTOR TO STORAGE AREAS DESIGNATED BY THE LANDSCAPE ARCHITECT. CONTRACTOR SHALL REMOVE ALL EXISTING UNSUITABLE MATERIALS FROM THE SITE.

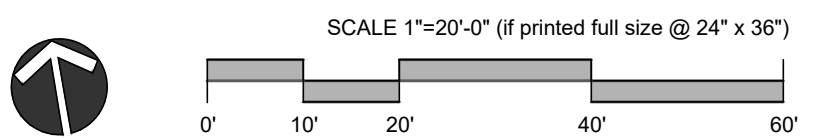
4. THE CONTRACTOR SHALL PROTECT EXISTING TREES TO REMAIN AS SHOWN ON THE PLANS AND DETAILS.
5. ALL TOPSOIL SHALL BE STRIPPED FROM THE SITE SHALL BE REMOVED AND STOCKPILED IN AN AREA DESIGNATED BY THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR ALL TOPSOIL AS NEEDED TO MEET THE SPECIFICATIONS.
6. THE CONTRACTOR MAY USE TEMPORARY

FENCING TO CONTROL THE SITE DURING CONSTRUCTION. PRIOR TO THE FINALIZATION OF THE PROJECT, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY FENCING AND BARRICADES.

7. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY BASED ON AVAILABLE DATA AND ALL UTILITIES MAY NOT BE SHOWN. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT DIS SAFE AT 811 TO REQUEST UTILITIES TO BE MARKED ON THE GROUND. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS/HER

FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UTILITIES.

8. ALL PROPERTY BOUNDARY MONUMENTS SHALL BE PROTECTED AND/OR PRESERVED DURING DEMOLITION AND CONSTRUCTION. SHOULD ANY BOUNDARY MONUMENT BE DESTROYED AND/OR ALTERED AS A RESULT OF DEMOLITION AND CONSTRUCTION, IT SHALL BE THE RESPONSIBILITY OF THE PARTY INCURRING THE DAMAGE TO OBTAIN THE SERVICES OF A PROFESSIONAL LAND SURVEYOR TO REPLACE AND RESET SAID MONUMENT.



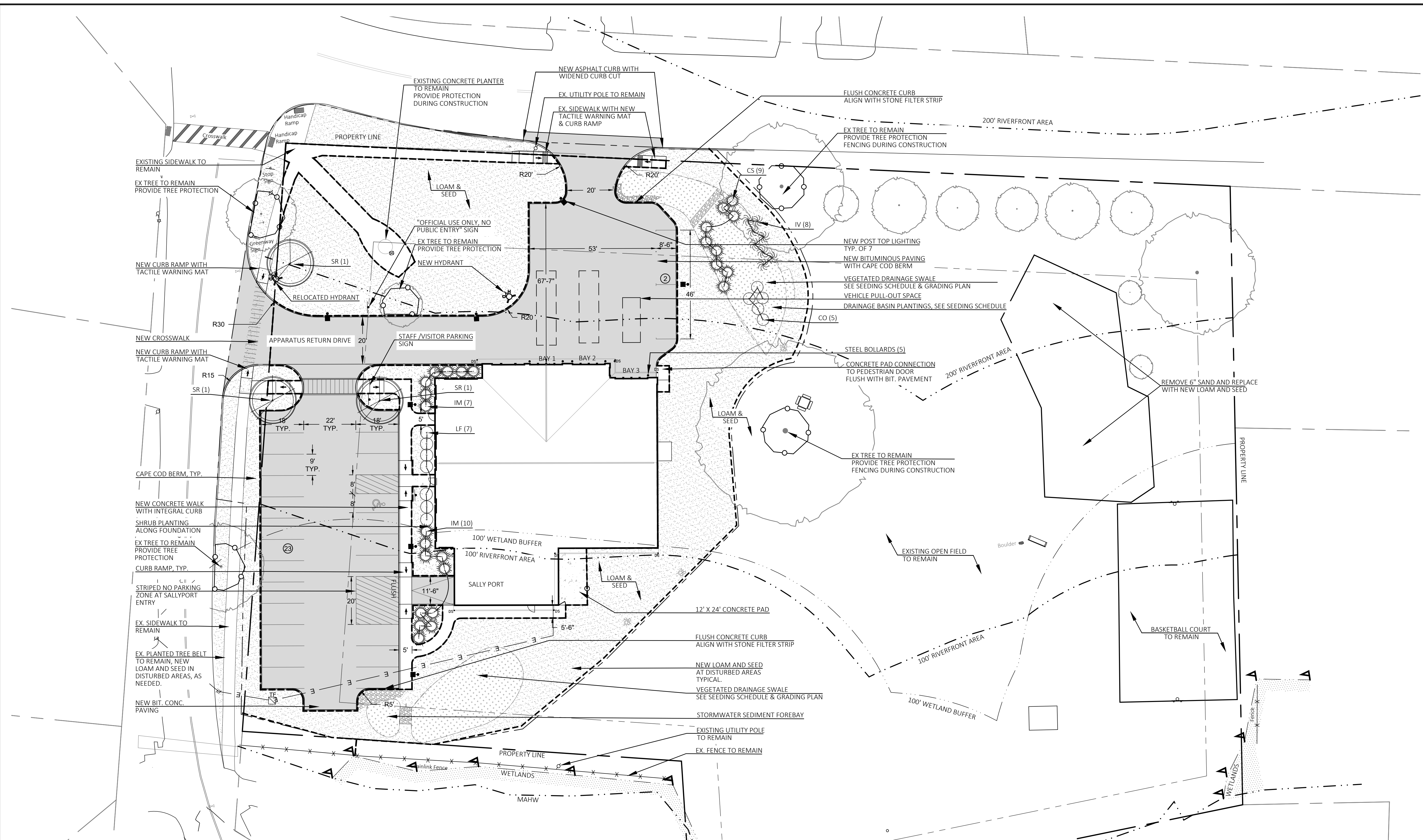
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SITE LAYOUT & PLANTING PLAN



PLANTING NOTES

1. ALL NURSERY STOCK SHALL COMPLY WITH THE LATEST STANDARDS OF THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION WITH REGARD TO GRADING AND QUALITY.
2. ALL PLANTS SHALL CONFORM TO THE MEASUREMENTS SPECIFIED, EXCEPT THAT PLANTS LARGER THAN THOSE SPECIFIED MAY BE USED IF APPROVED BY THE LANDSCAPE ARCHITECT.
3. ALL PLANTS SHALL BE NURSERY GROWN IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES AND SHALL BE GROWN UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE PROJECT LOCALITY FOR AT LEAST TWO YEARS.
4. BALLED AND BURLAPPED PLANTS (B&B) SHALL BE MOVED WITH THE ROOT SYSTEM AS SOLID UNITS; ROOT BALLS SHALL BE FIRMLY WRAPPED WITH BURLAP. CONTAINER GROWN PLANTS SHALL NOT BE REMOVED FROM CONTAINER PRIOR TO THE TIME OF INSTALLATION; ROOT SYSTEM SHALL BE FIRMLY SET IN CONTAINER.
5. PLANTING SOIL MIX SHALL CONSIST OF SEVEN (7) PARTS LOAM AND ONE (1) PART PEAT MOSS BY VOLUME, WITH A PH VALUE OF 5.0 TO 6.0.
6. ALL TREES AND SHRUBS TO RECEIVE TWO (2) FERTILIZER PACKETS AS SHOWN IN DETAILS.
7. PLANTING BEDS TO RECEIVE 4" DEPTH OF BARK MULCH.
8. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR ONE FULL GROWING SEASON (ONE YEAR) AFTER INSTALLATION.
9. ANY PLANT MATERIAL WHICH DIES, TURNS BROWN OR UNEXPECTEDLY DEFLATES PRIOR TO ACCEPTANCE OF WORK SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUALITY, SIZE AND MEETING ALL PLANTING SPECIFICATIONS.
10. PLANTING LAYOUT SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
11. ALL DISTURBED AREAS NOT PLANTINGS OR MULCH SHALL BE LOAM AND WILDFLOWER SEED MIX.

LAYOUT NOTES

1. ALL LINES OR POINTS ARE PERPENDICULAR OR PARALLEL TO LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE NOTED; WRITTEN DIMENSIONS SHALL PREVAIL.
2. THE CONTRACTOR SHALL VERIFY ALL LAYOUT, DIMENSIONS, GRADES, AND INVERTS PRIOR TO CONSTRUCTION; REPORT ANY DISCREPANCIES TO THE ENGINEER. ALL DISCREPANCIES SHALL BE RESOLVED IN WRITING PRIOR TO BEGINNING WORK.
3. ALL AREAS DISTURBED FROM CONSTRUCTION ACTIVITY TO BE RAKED, SMOOTHED, FERTILIZED AND SEEDED WITH PERENNIAL TURFGRASSES UNLESS OTHERWISE NOTED.
4. ALL NEW WALKS AND SURFACES TO MEET EXISTING WALKS AND SURFACES WITH SMOOTH, CONTINUOUS LINE AND GRADE.
5. THE CONTRACTOR SHALL NOT INSTALL CONCRETE DURING ADVERSE WEATHER CONDITIONS (RAIN, SLEET, ETC.) UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT.

PLANTING SCHEDULE

CODE	SPECIES	COMMON NAME	QUANTITY	SIZE
CO	CEPHALANTHUS OCCIDENTALIS	BUTTON BUSH	5	2-3 GAL
CS	CORNUS SERICEA	RED OSIER DOGWOOD	9	2-3 GAL
IM	ILEX X MESSERVAE	BLUE HOLLY	17	2-3 GAL
IV	ILEX VERTICILLATA	WINTER BERRY	8	2-3 GAL
LF	LUCECOTHUE FONTANESIANA	DROOPING LUCECOTHUE	7	2-3 GAL
SR	SYRINGA RETICULATA	TREE LILAC	3	1.5"-2" CAL

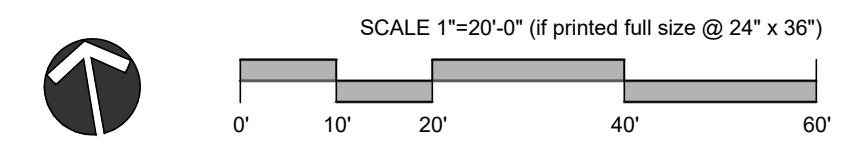
VEGETATED DRAINAGE SWALE SEEDING SCHEDULE

NEW ENGLAND WETLAND PLANTS, INC.
NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR DETENTION BASINS AND MOIST SITES
APPLICATION RATE: 35 LBS/ ACRE / 1,900 SF/ LB

SPECIES	COMMON NAME
AGROSTIS PERENNANS	UPLAND BENTGRASS
ANDROPOGON GERARDII	BIG BLUESTEM
ASTER NOVAE-ANGLIAE	NEW ENGLAND ASTER
BIDENS CERNUA	NODDING BUR MARIGOLD
ELYMUS RIPARIUS	RIVERBANK WILD RYE
EUPATORIUM FISTULOSUM/ EUTROCHUM FISTULOSUM	HOLLOW-STEM JOE PYE WEED
EUPATORIUM PERFOLIATUM	BONASET
FESTUCA RUBRA	CREEPING RED FESCUE
JUNCUS EFFUSUS	SOFT RUSH
PANICUM VIRGATUM	SWITCH GRASS
SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM
SCRIPUS CYPERINUS	WOOL GRASS
VERBENA HASTATA	BLUE VERVAIN

Revisions

Date:	November 4, 2021	Sheet Number	
Scale:	1"=20'	LC-111	
Drawn By:	CS/DS		
Checked By:	JS		



E:\WILLIAMSBURG SAFETY COMPLEX\DESIGN\PROCESSING\DRAWINGS\LC-111 SITE LAYOUT.DWG - PLOT DATE: 11/27/2021

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SITE DETAILS

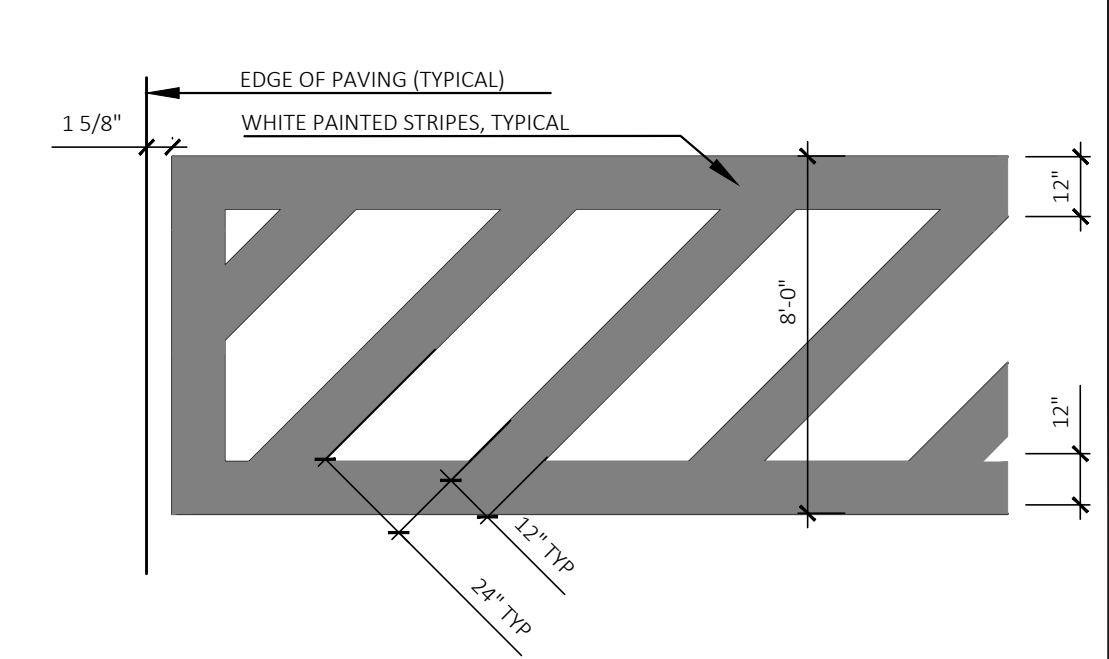
Revisions

Revisions	Date	By

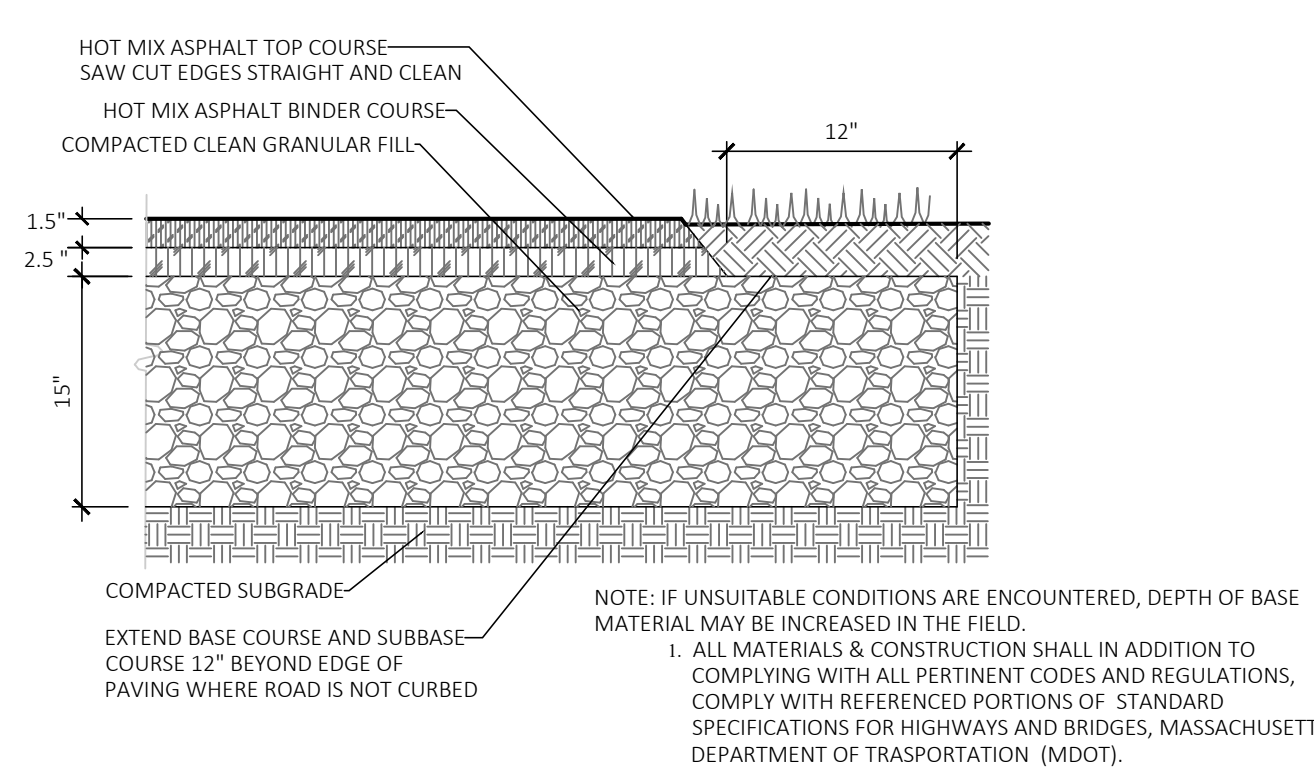
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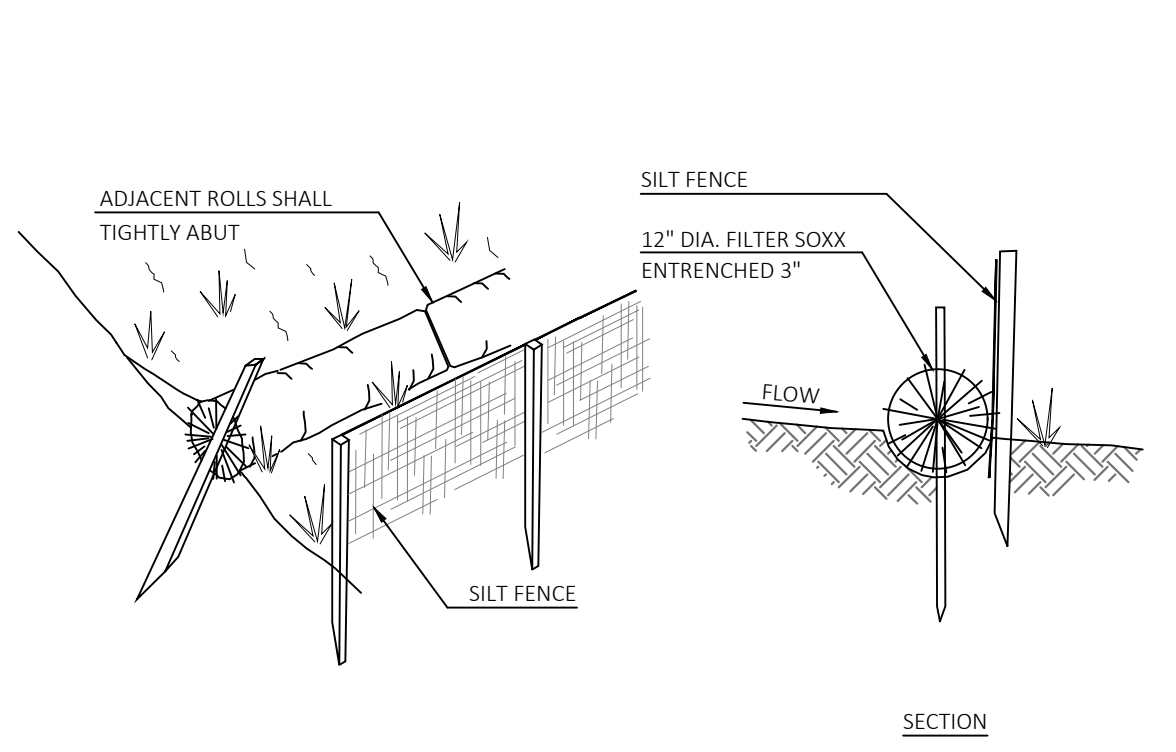
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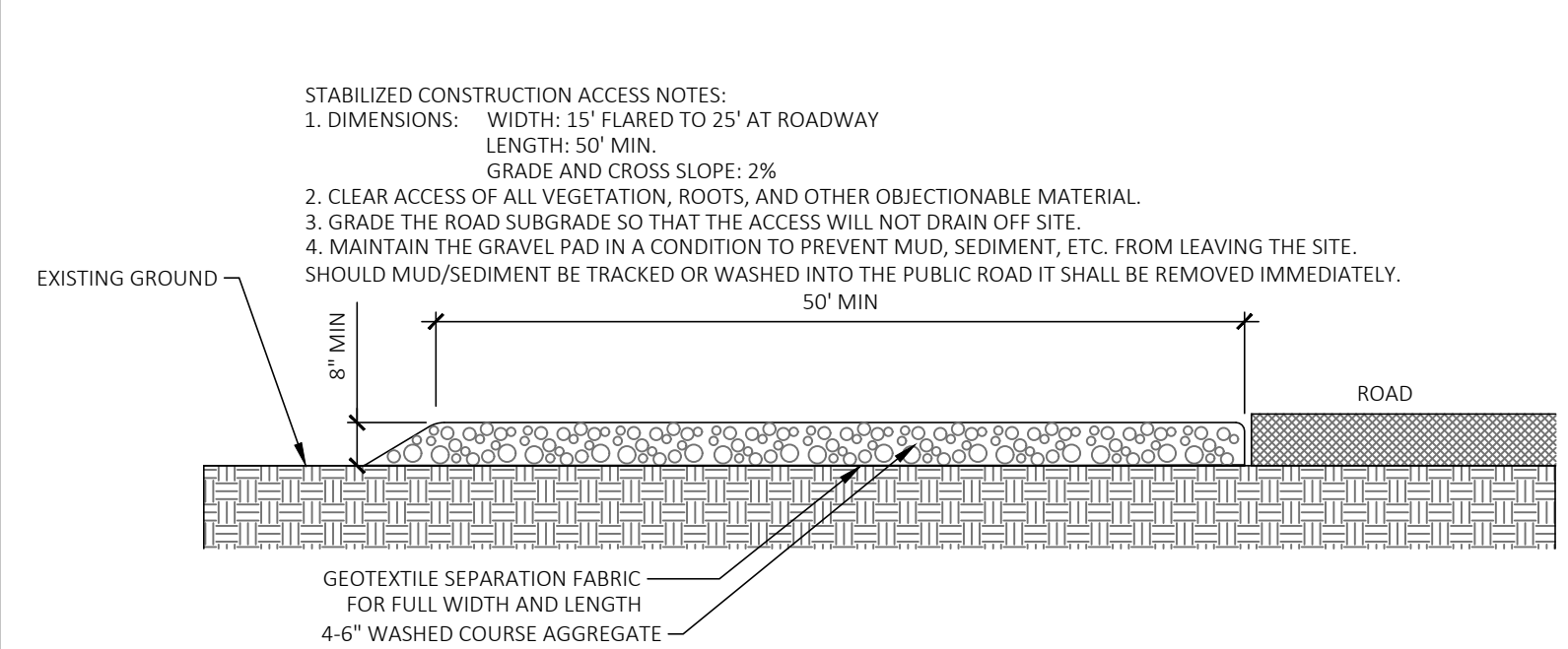
04 TYPICAL CROSSWALK STRIPING
SCALE: NTS



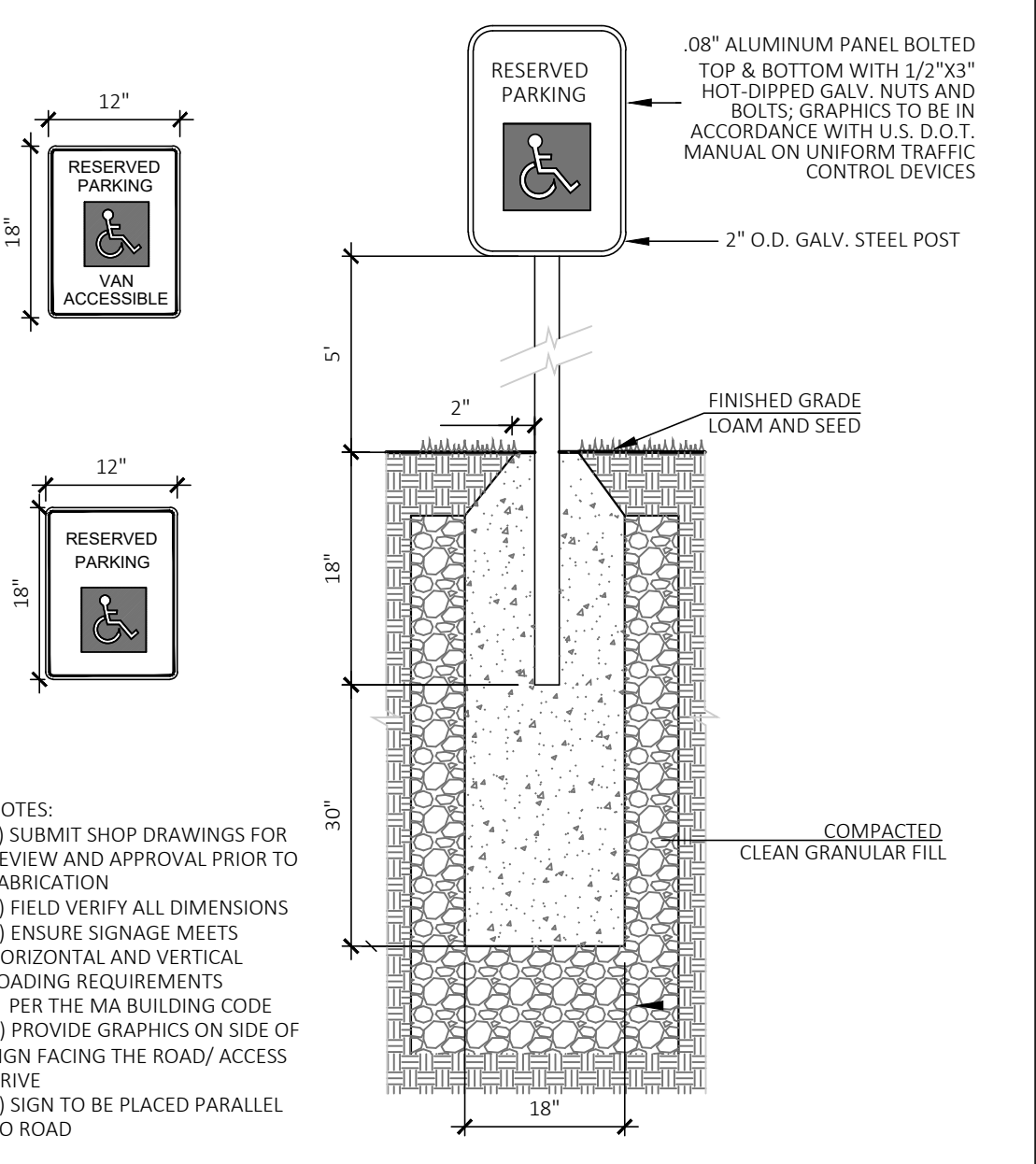
03 TYPICAL ASPHALT PAVING
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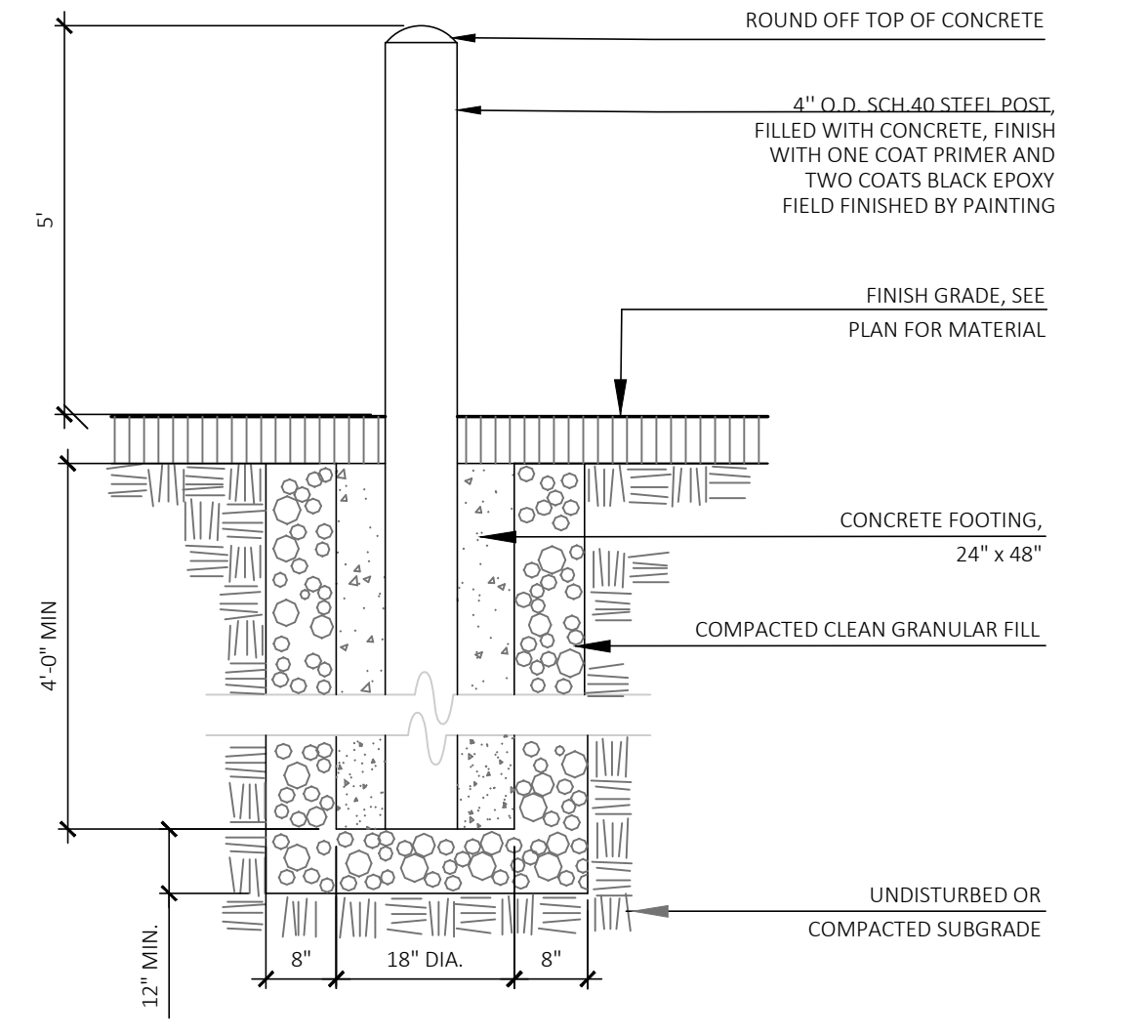
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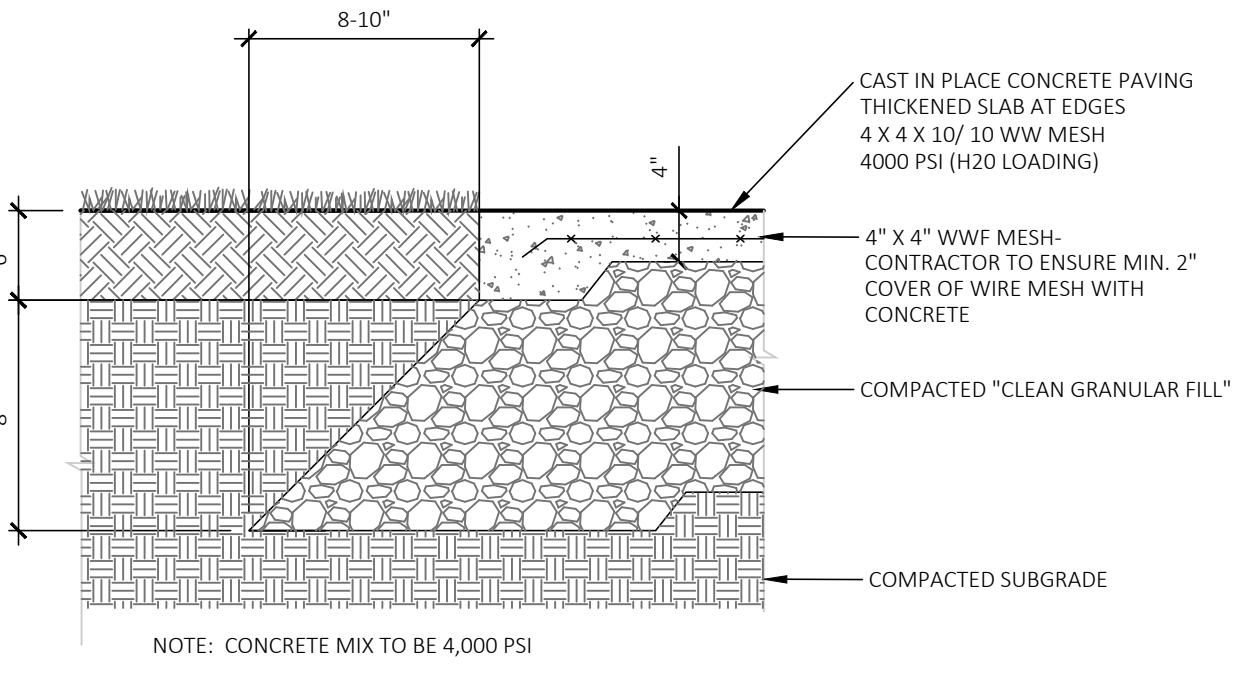
01 TEMPORARY TRACKING PAD
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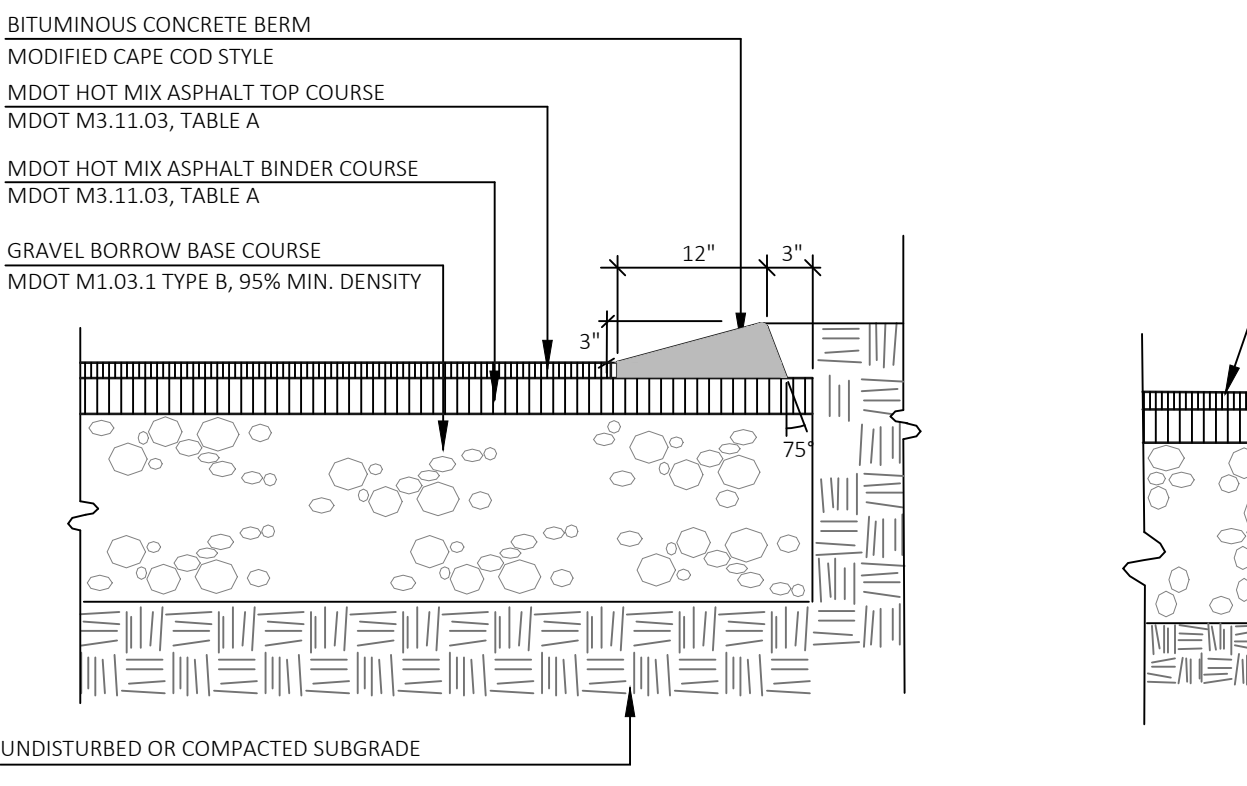
11 POST AND PANEL SIGNS
SCALE: NTS



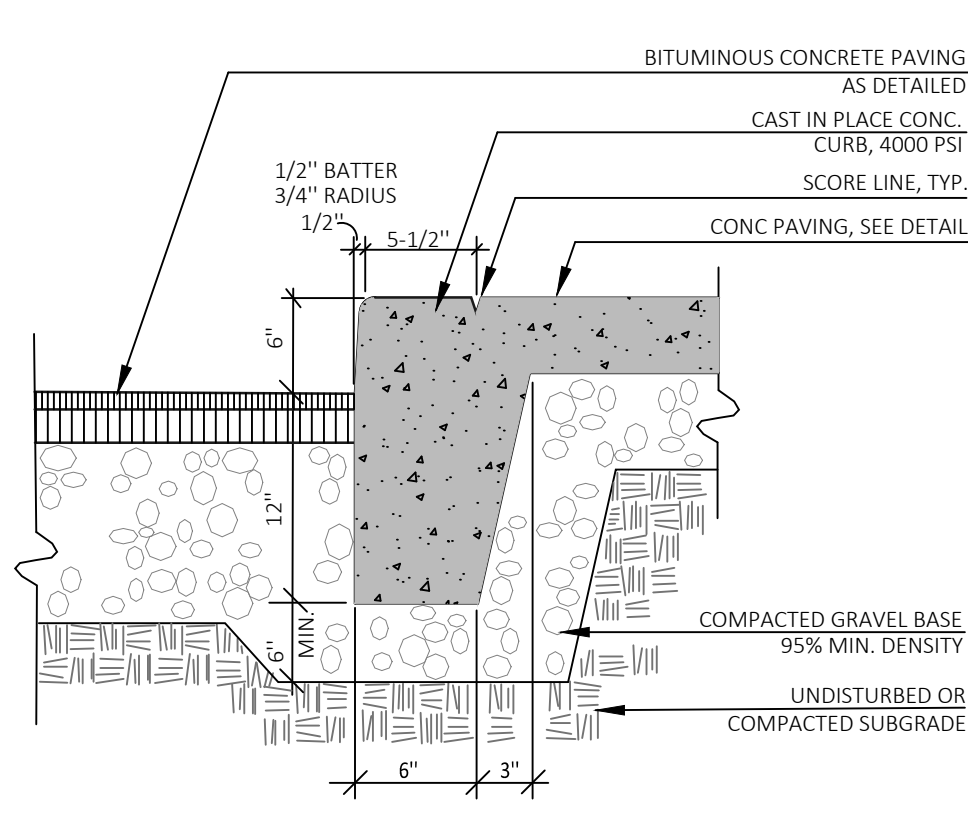
10 STEEL-CONCRETE BOLLARD
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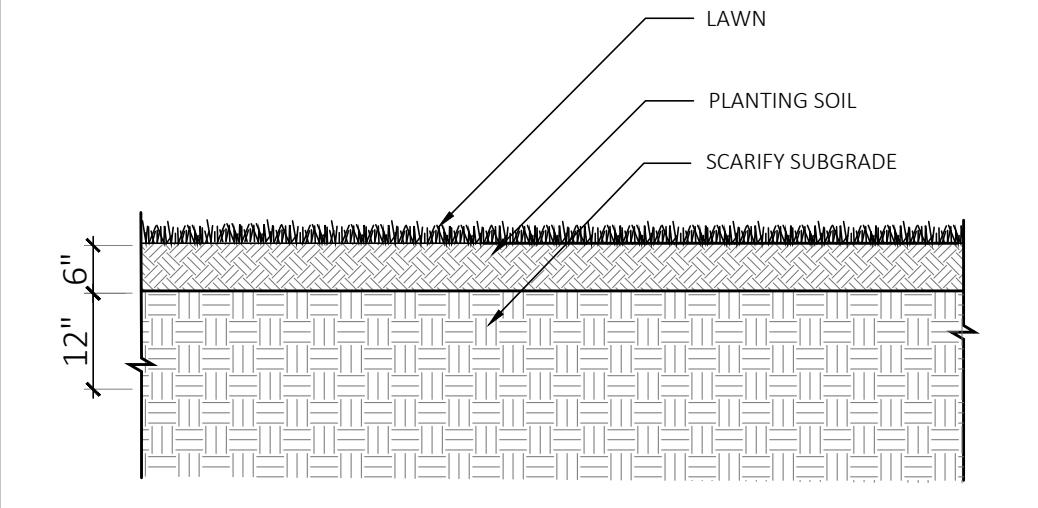
06 TYPICAL CONCRETE PAVING
SCALE: 1\"/>



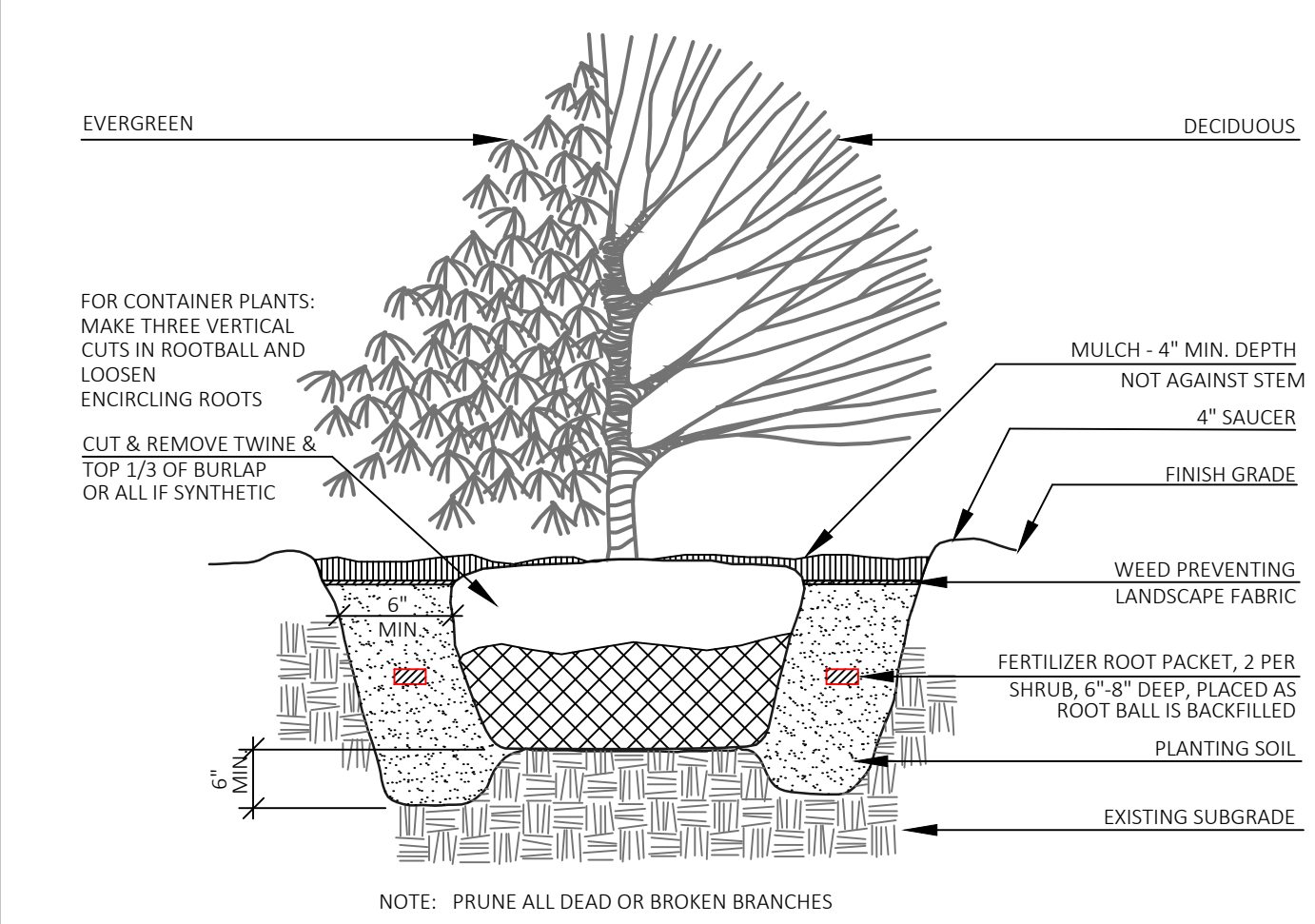
08 CAPE COD BERM CURB
SCALE: NTS



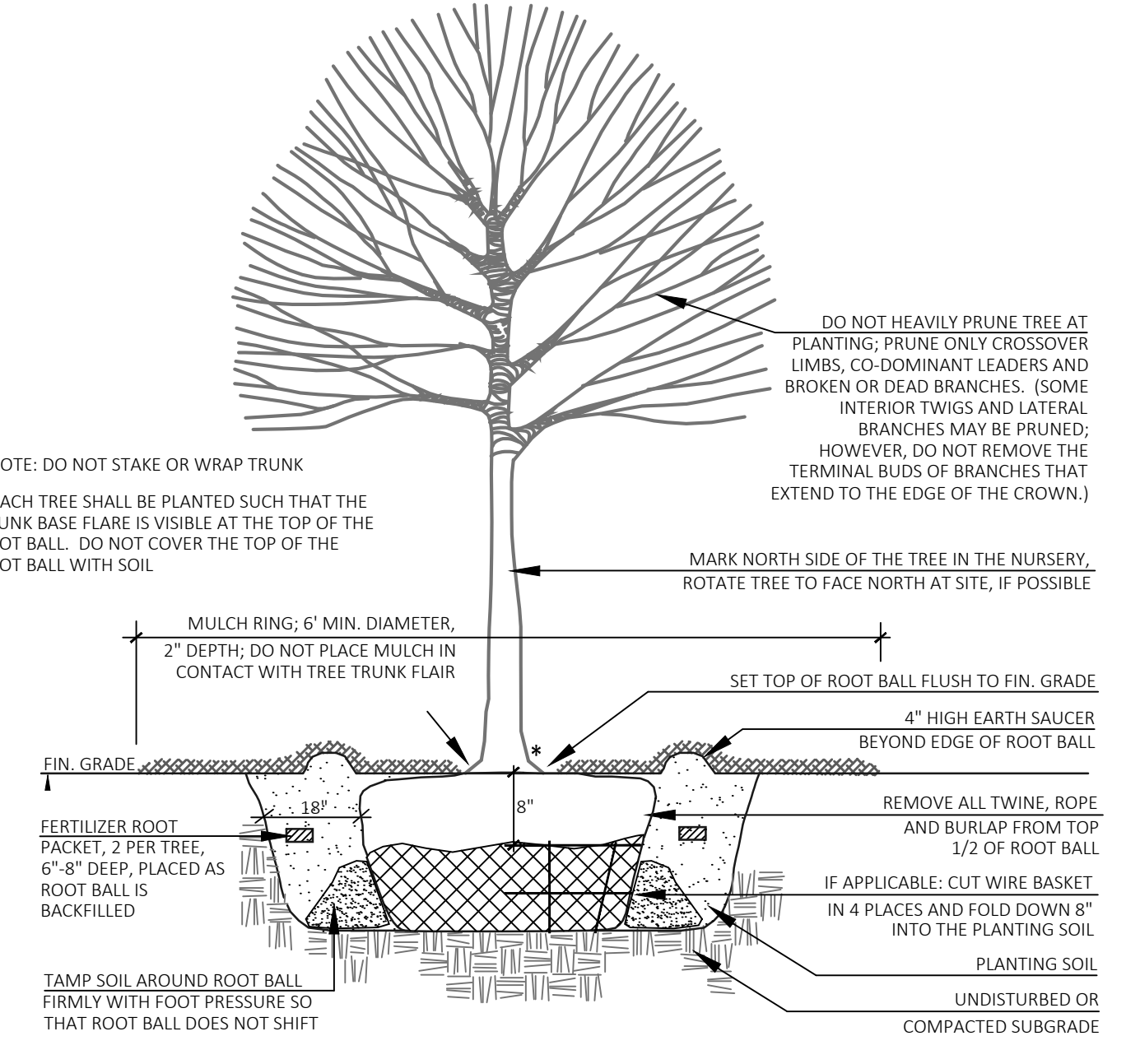
09 INTEGRAL CONCRETE CURB
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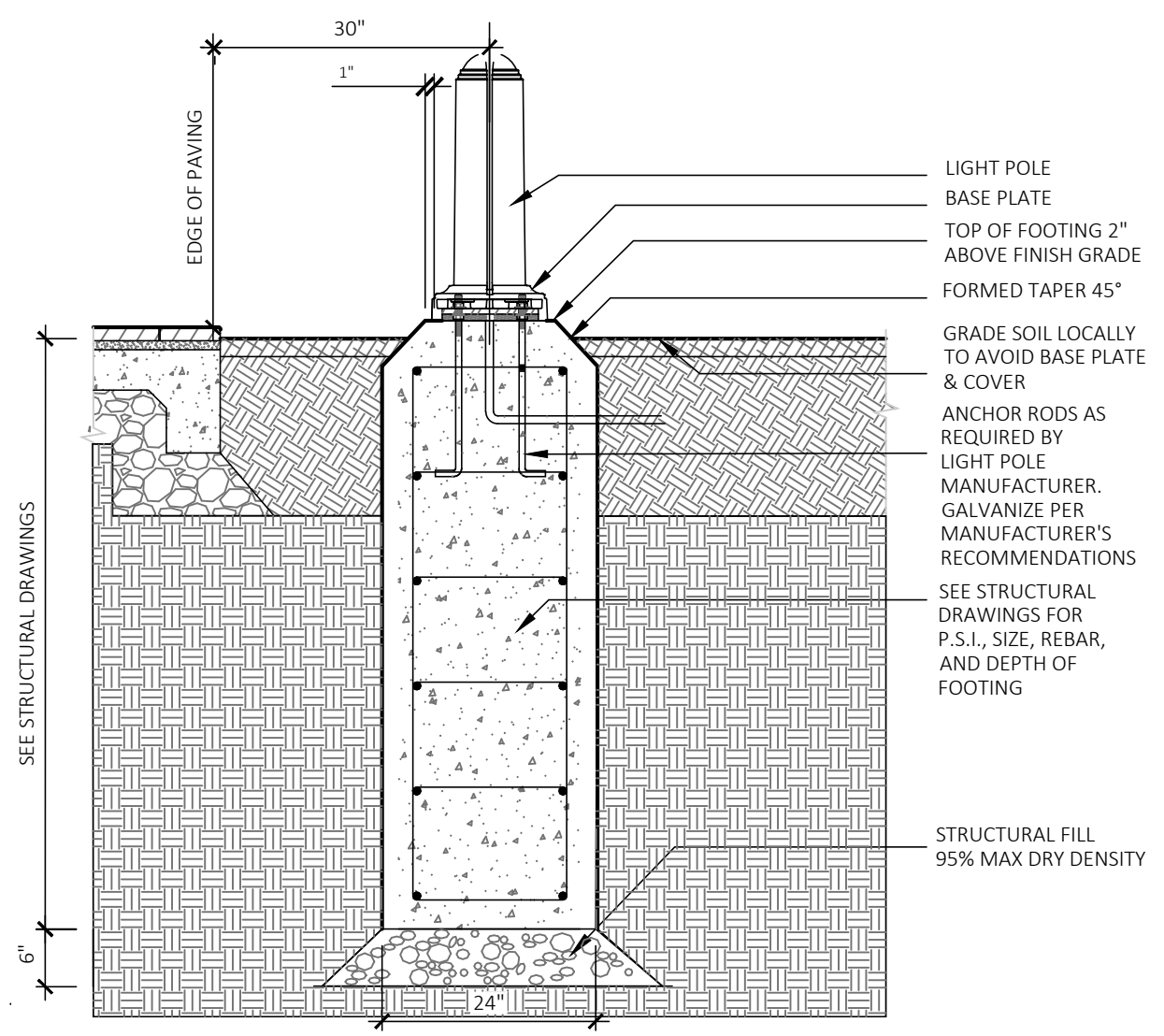
07 LAWN PLANTING
SCALE: 1/2\"/>



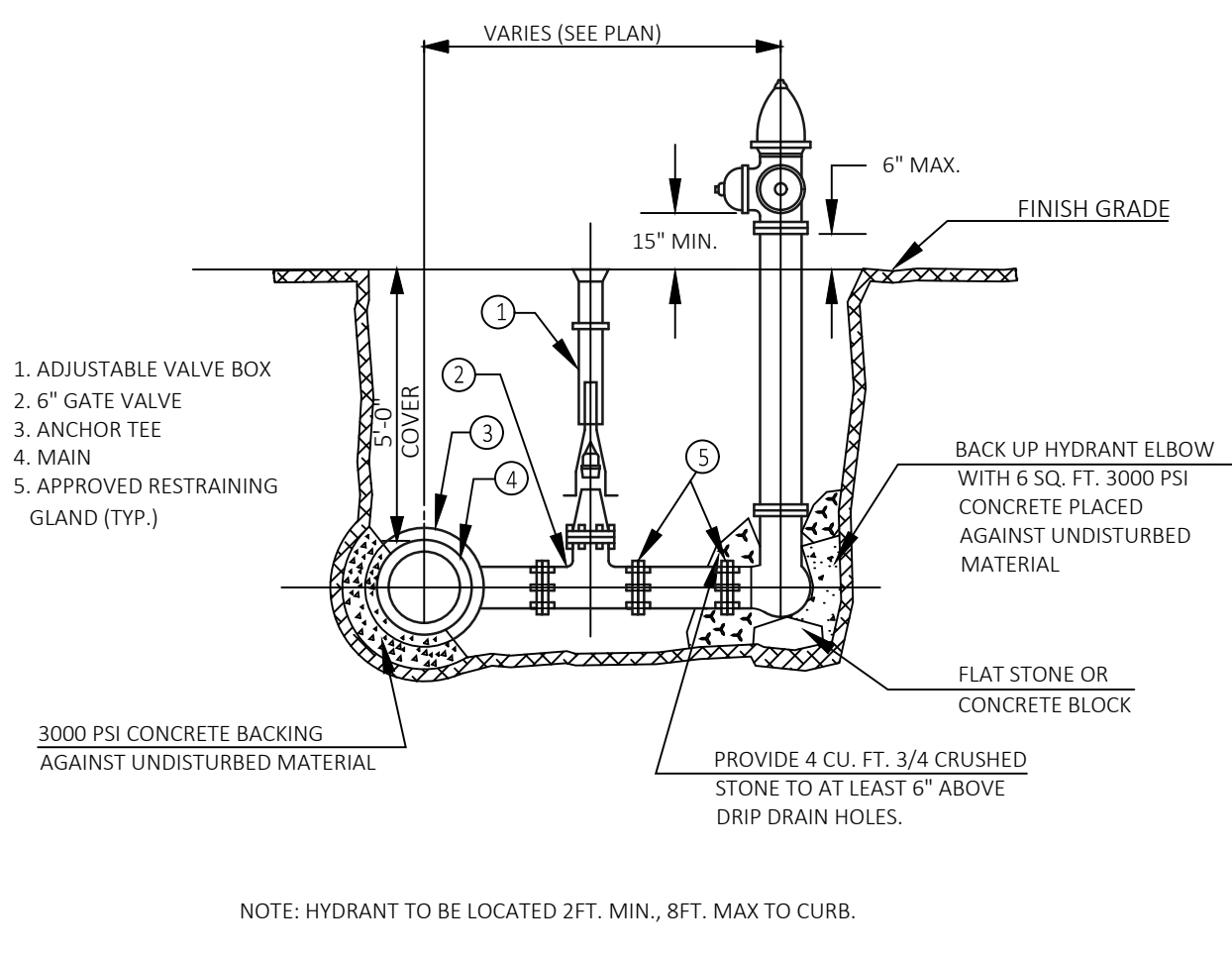
12 SHRUB PLANTING
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13 TREE PLANTING
SCALE: NTS



14 TYPICAL LIGHT FOOTING
SCALE: NTS



15 FIRE HYDRANT
SCALE: NTS

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PERMIT SET

SITE DETAILS

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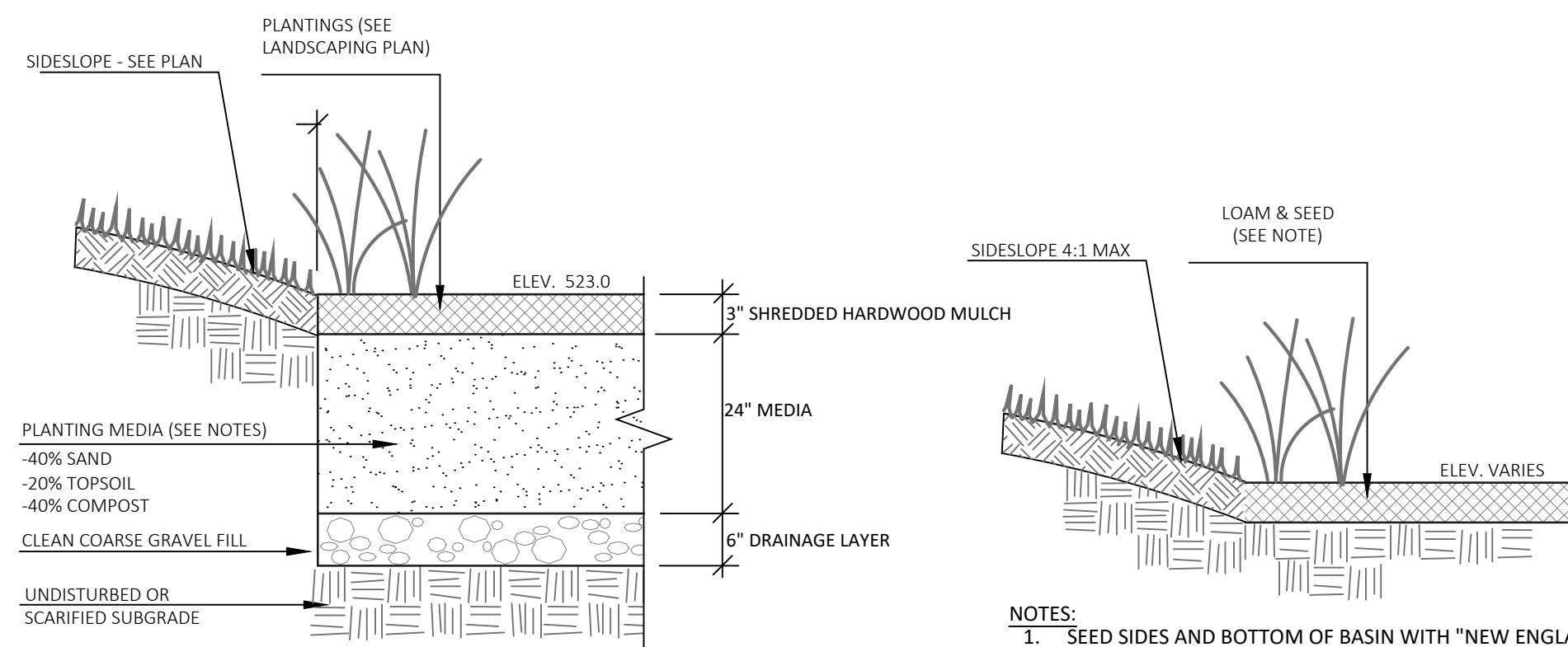
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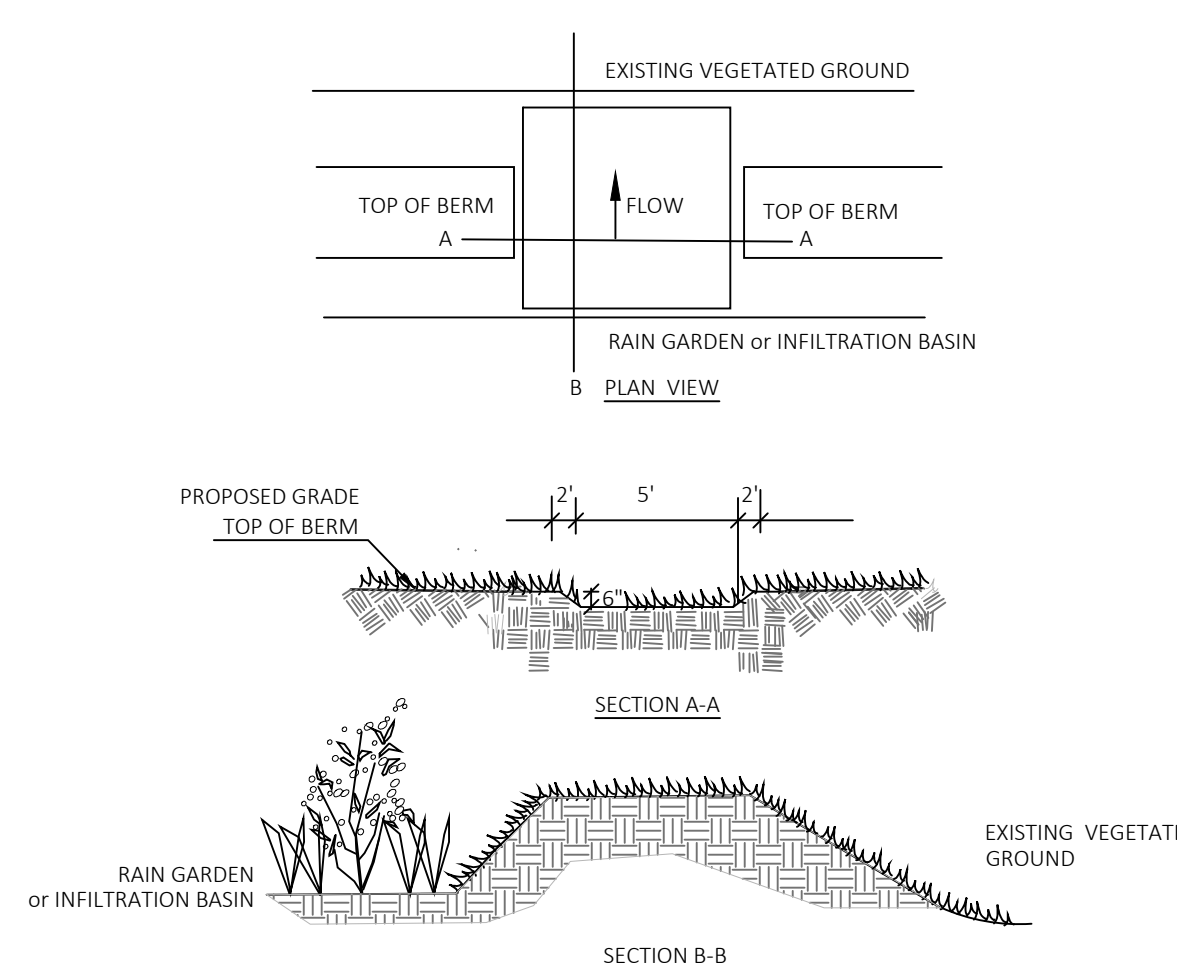
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LC-602

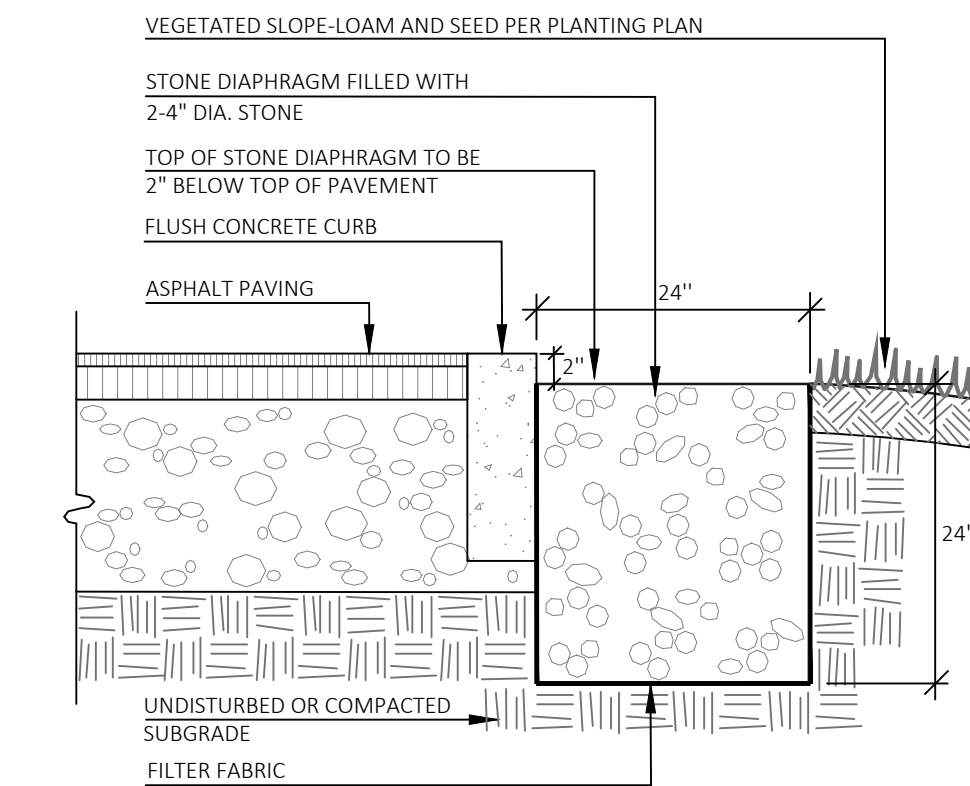


- NOTES:**
- SEED SIDES AND BOTTOM OF BASIN WITH "NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR DETENTION BASINS AND MOIST SITES" MIX FROM NEW ENGLAND WETLANDS PLANTS.
 - PROTECT BASIN FROM RUNOFF UNTIL THE TRIBUTARY AREA IS STABILIZED AND A VIABLE VEGETATIVE COVER HAS BEEN ACHIEVED WITHIN THE BASIN.
 - 6" LOAM FOR BOTTOM OF INFILTRATION BASIN SHALL BE A MIX OF 40% CLEAN SAND, 20% TOPSOIL, 40% COMPOST.

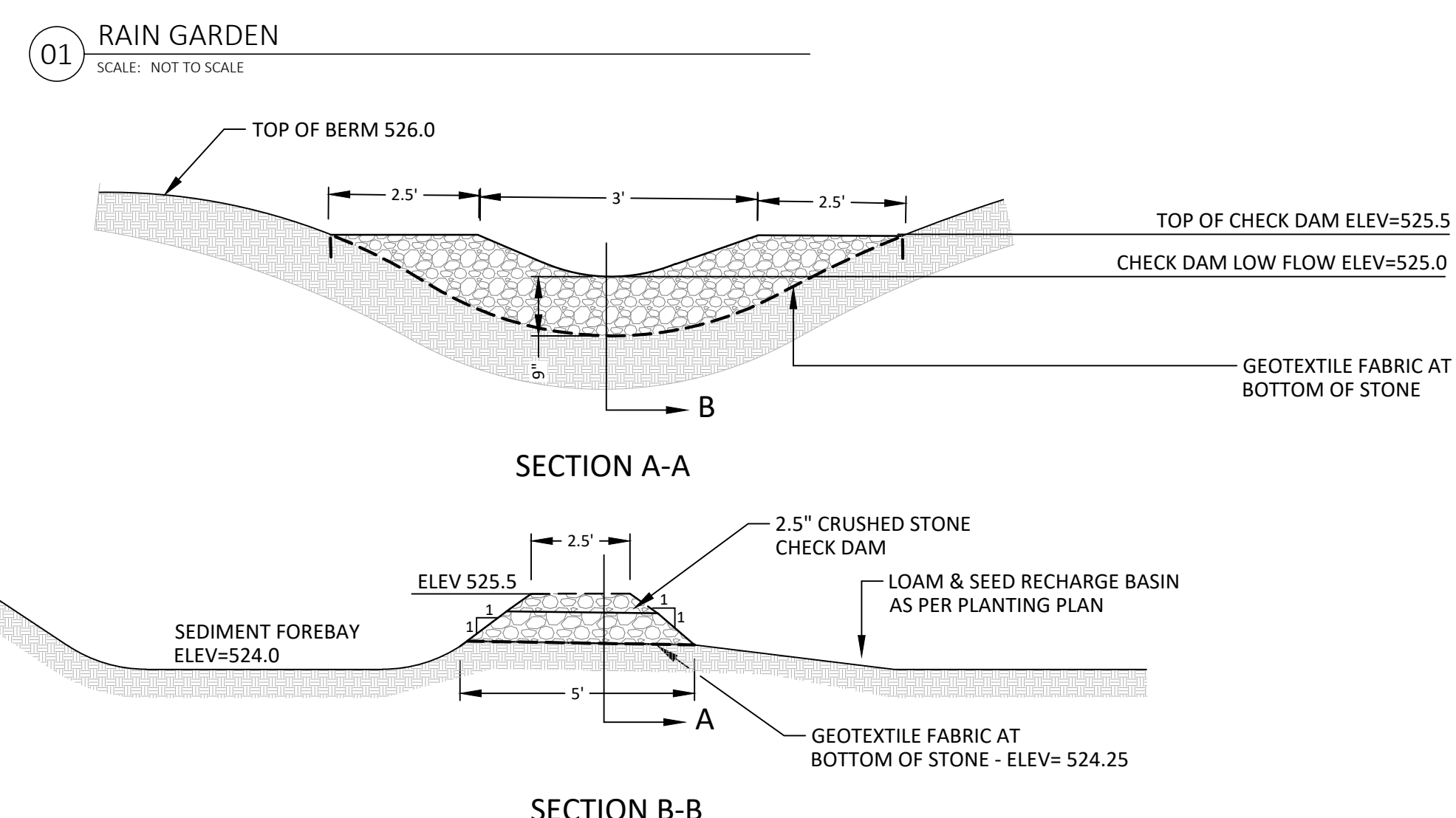
02 INFILTRATION BASIN
SCALE: NOT TO SCALE



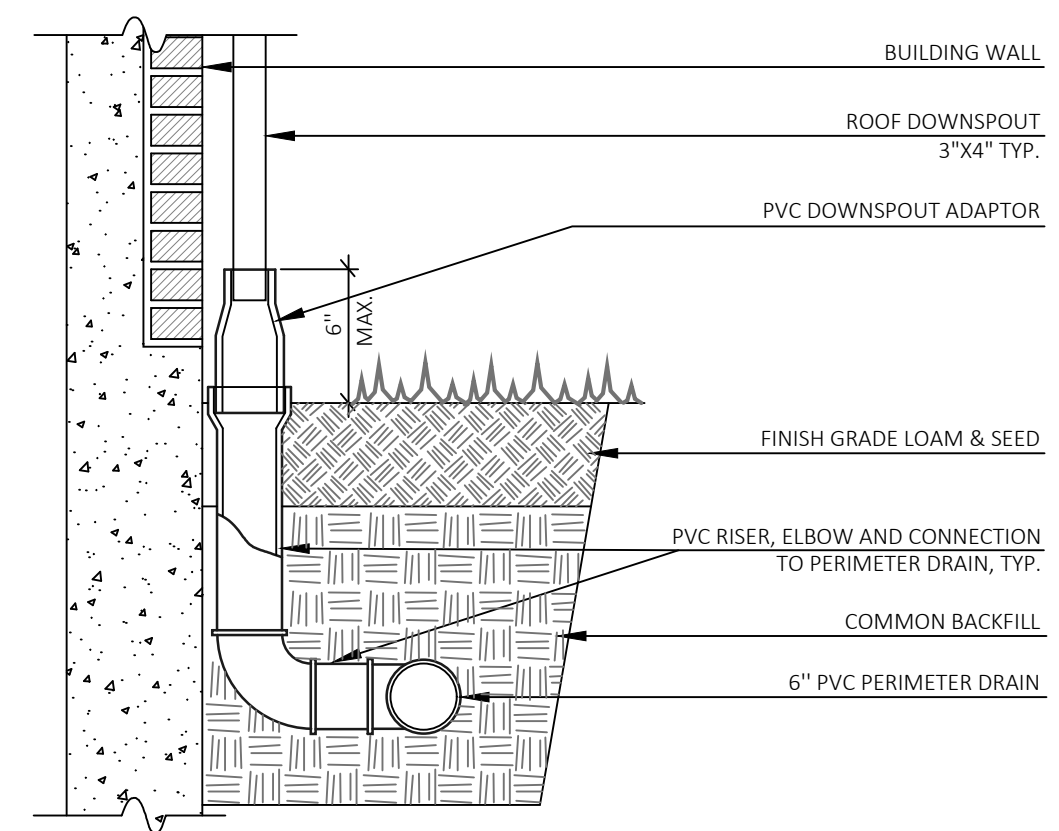
03 RAIN GARDEN/INFILTRATION OVERFLOW
SCALE: NOT TO SCALE



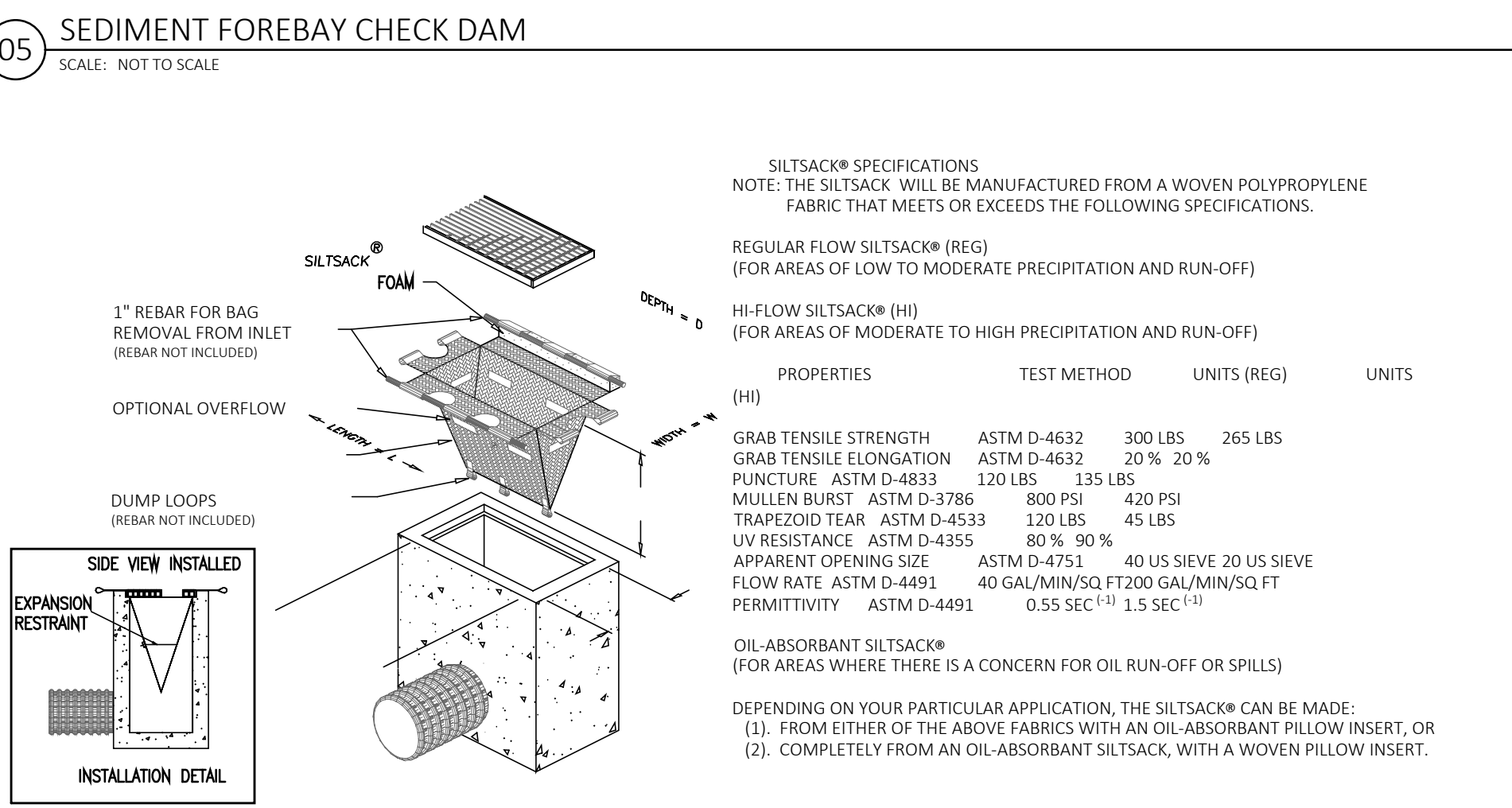
04 STONE DIAPHRAGM
SCALE: NOT TO SCALE



01 RAIN GARDEN
SCALE: NOT TO SCALE



06 DOWNSPOUT CONNECTION
SCALE: NOT TO SCALE



05 SEDIMENT FOREBAY CHECK DAM
SCALE: NOT TO SCALE

SILTSACK® SPECIFICATIONS:
NOTE: THE SILTSACK WILL BE MANUFACTURED FROM A WOVEN POLYPROPYLENE FABRIC THAT MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS.

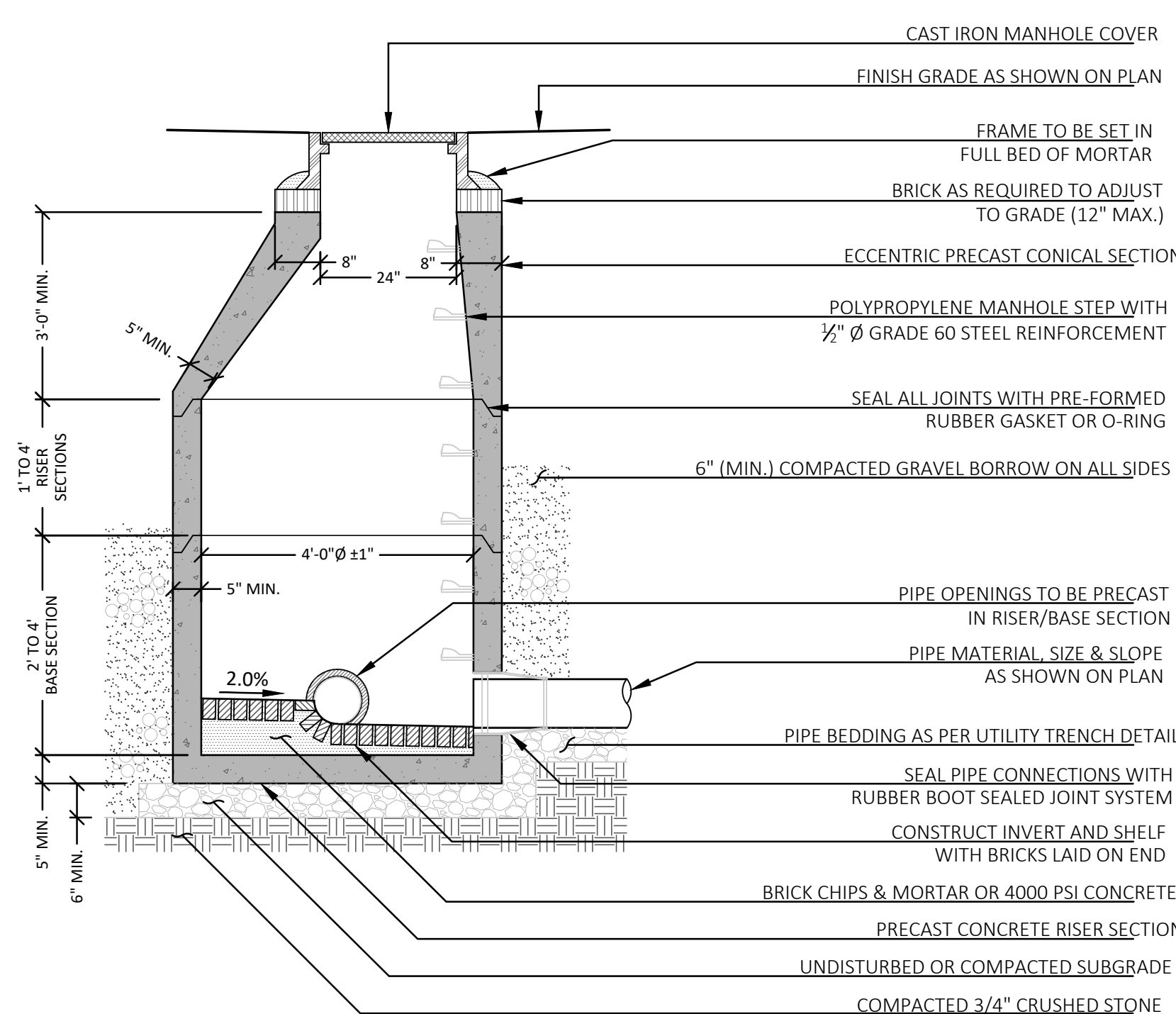
REGULAR FLOW SILTSACK® (REG)
(FOR AREAS OF LOW TO MODERATE PRECIPITATION AND RUN-OFF)

HI-FLOW SILTSACK® (HF)
(FOR AREAS OF MODERATE TO HIGH PRECIPITATION AND RUN-OFF)

PROPERTIES	TEST METHOD	UNITS (REG)	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	300 LBS	265 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20% 20%	
PUNCTURE	ASTM D-4853	120 LBS	135 LBS
MULLEN BURST	ASTM D-3786	800 PSI	420 PSI
TRAPEZOID TEAR	ASTM D-4533	120 LBS	45 LBS
UV RESISTANCE	ASTM D-4355	80% 90%	
APPARENT OPENING SIZE	ASTM D-4751	40 US SIEVE	20 US SIEVE
FLOW RATE	ASTM D-4491	40 GAL/MIN/SQ FT	200 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	0.55 SEC ⁻¹	1.5 SEC ⁻¹

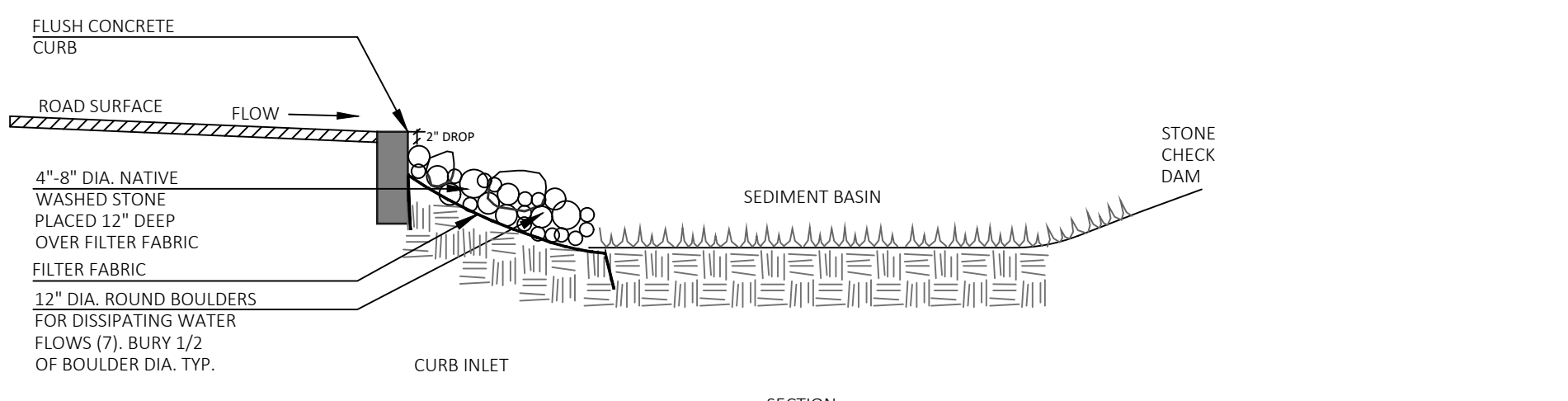
OIL-ABSORBANT SILTSACK®
(FOR AREAS WHERE THERE IS A CONCERN FOR OIL RUN-OFF OR SPILLS)

DEPENDING ON YOUR PARTICULAR APPLICATION, THE SILTSACK® CAN BE MADE:
(1) FROM EITHER OF THE ABOVE FABRICS WITH AN OIL-ABSORBANT PILLOW INSERT, OR
(2) COMPLETELY FROM AN OIL-ABSORBANT SILTSACK, WITH A WOVEN PILLOW INSERT.

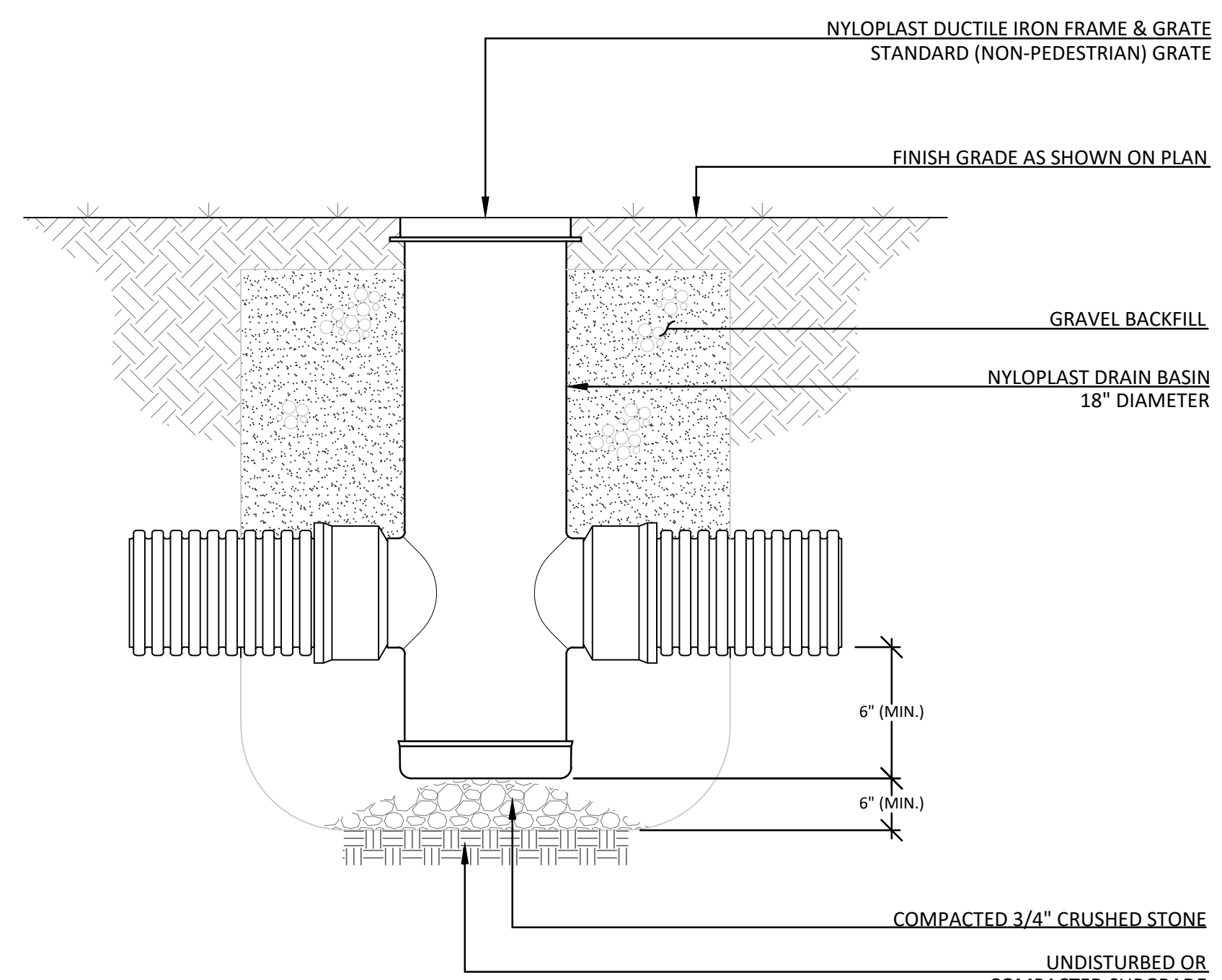


- NOTES:**
- CONCRETE COMPRESSIVE STRENGTH SHALL BE 4,000 PSI (MIN.).
 - STRUCTURE SHALL BE REINFORCED TO MEET OR EXCEED H20 LOADING.

07 EROSION CONTROL INLET PROTECTION
SCALE: NOT TO SCALE



08 CURB INLET TO SEDIMENT FOREBAY
SCALE: NOT TO SCALE



- NOTE:**
- YARD DRAIN DESIGN BASED ON NYLOPLAST YARD DRAIN STRUCTURE. THE CONTRACTOR MAY SUBMIT AN ALTERNATIVE YARD DRAIN FOR REVIEW BY THE ENGINEER. SUBSTITUTE STRUCTURE SHALL MEET OR EXCEED THE QUALITY OF THE SPECIFIED STRUCTURE, IN THE OPINION OF THE ENGINEER.

09 SANITARY MANHOLE
SCALE: NOT TO SCALE

10 YARD DRAIN
SCALE: NTS

E:\WILLIAMSBURG SAFETY COMPLEX\DESIGN\PROCESSING\DRAWINGS\LC-602 SITE DETAILS.DWG. PLOT DATE: 11/27/2021

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Williamsburg Safety Complex
16 Main Street
Williamsburg, MA

PERMIT SET

MASS DOT
SITE DETAILS

Revisions

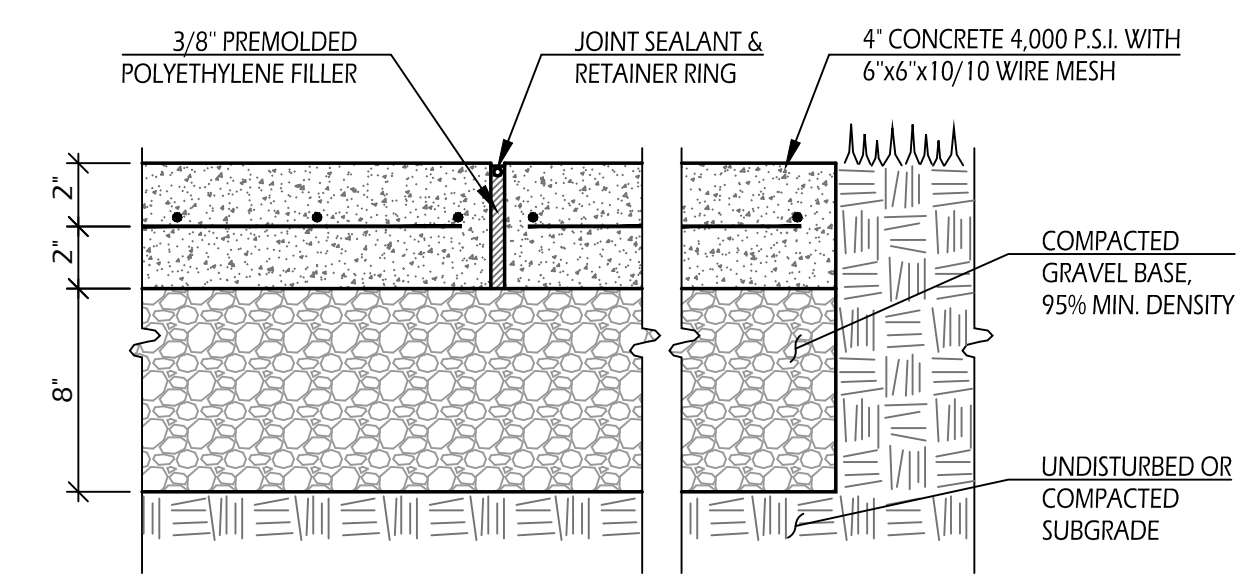
Date: November 4, 2021 Sheet Number

Scale: AS NOTED

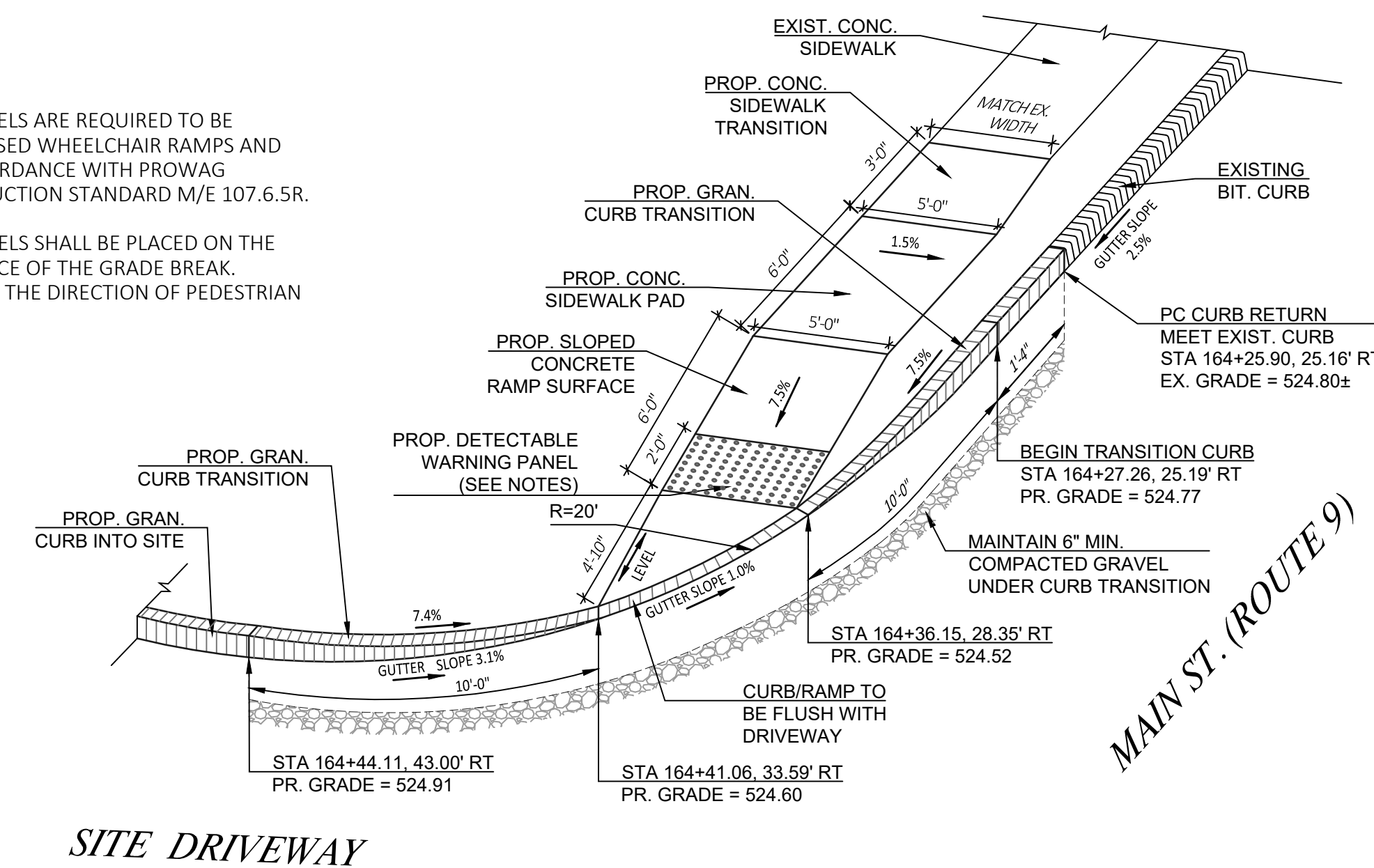
Drawn By: CS/DS

Checked By: JS

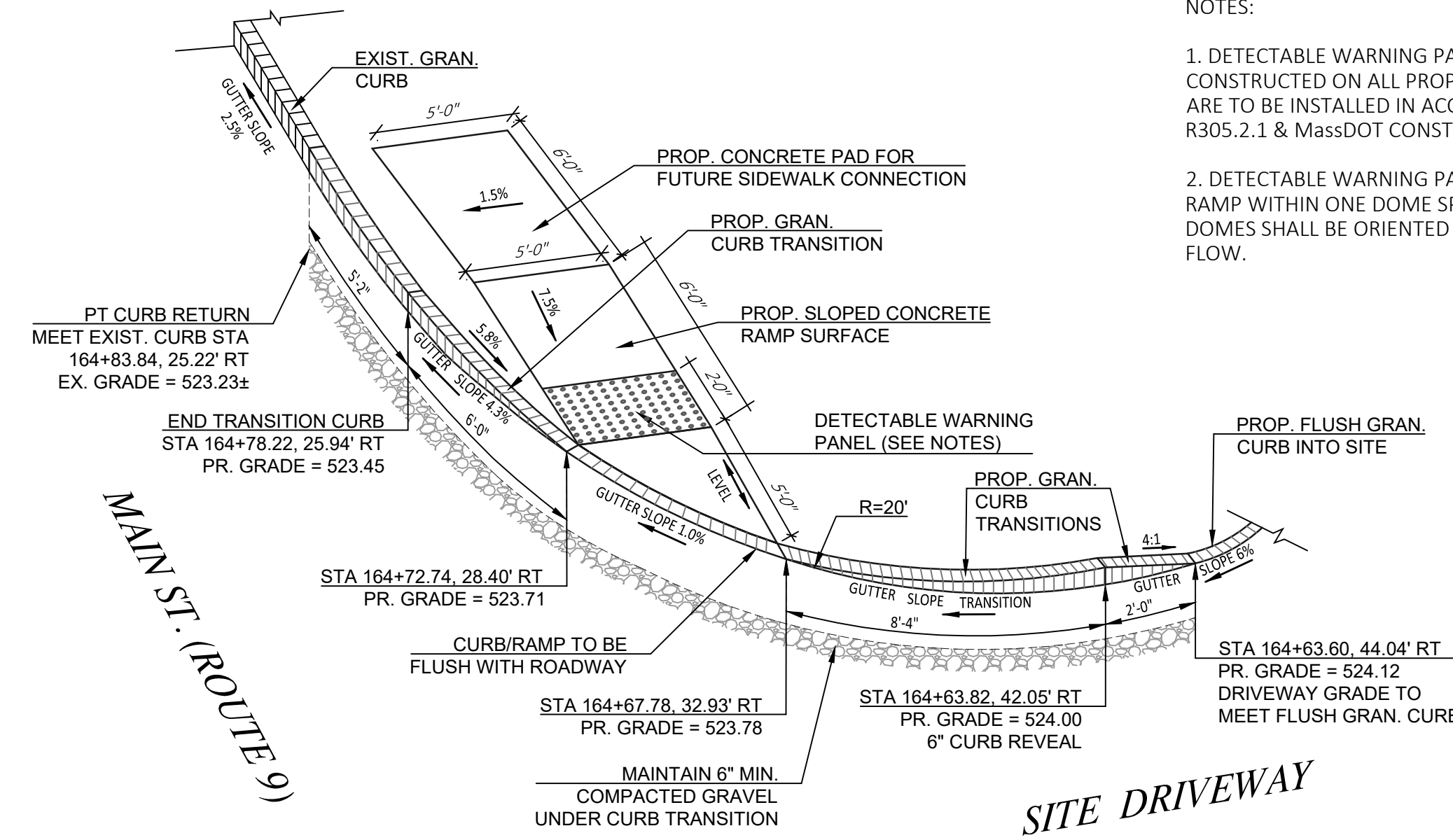
LC-603



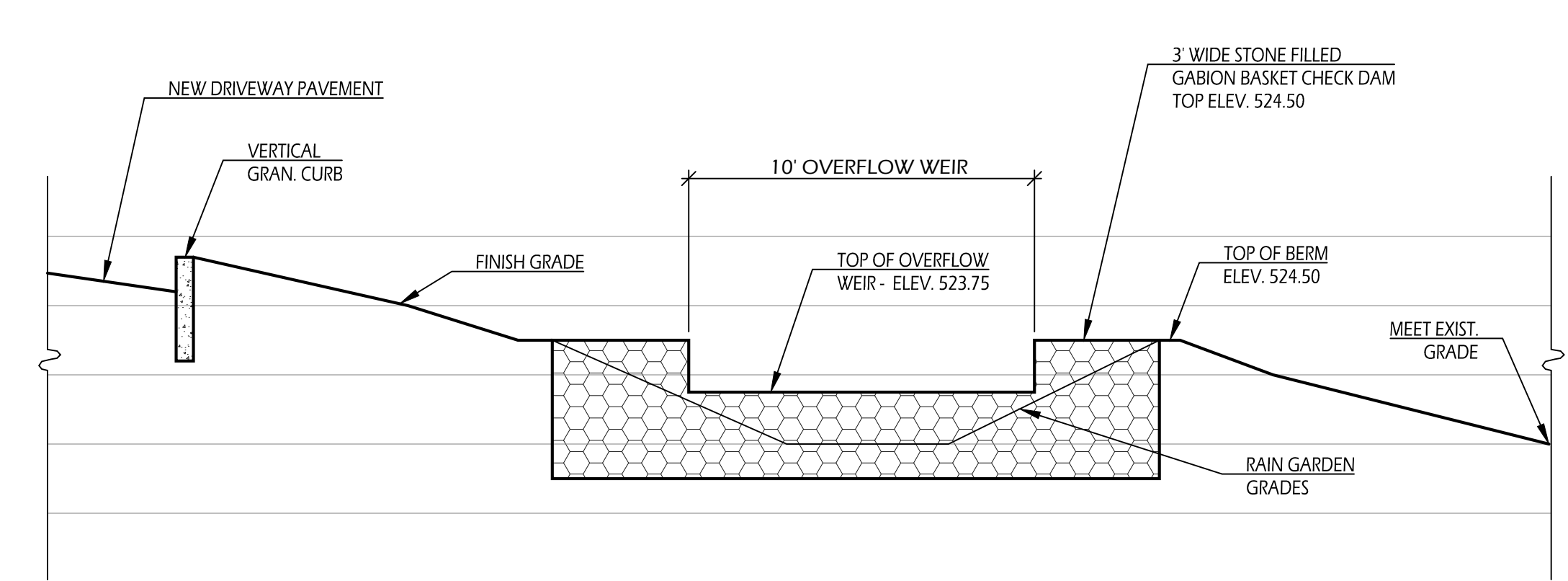
- NOTES:
1. CONCRETE FINISH TO BE MEDIUM TEXTURE BROOM FINISH PERPENDICULAR TO DIRECTION OF WALK WITH 3" TROWELLED EDGES.
 2. WALKWAYS: SCORING EVERY 5', EXPANSION JOINTS EVERY 20' UNLESS OTHERWISE INDICATED ON PLAN; PROVIDE EXPANSION JOINTS AT ALL VERTICAL WALLS & ISOLATION JOINTS AT ALL FOOTINGS.
 3. SCORING LINES TO BE AT LEAST 1/4 THICKNESS OF SIDEWALK.



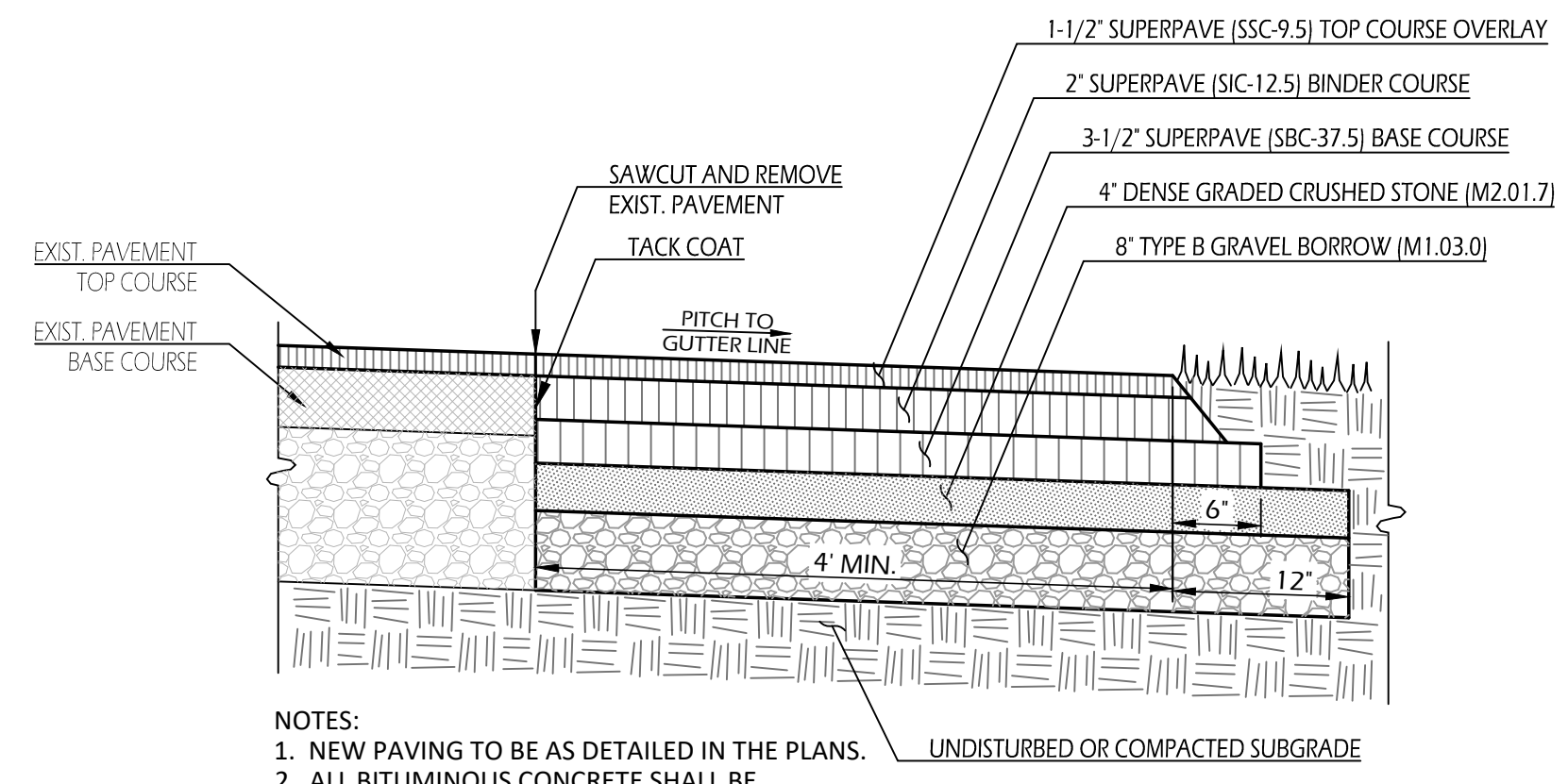
02 ADA WHEELCHAIR RAMP #1
SCALE: NOT TO SCALE



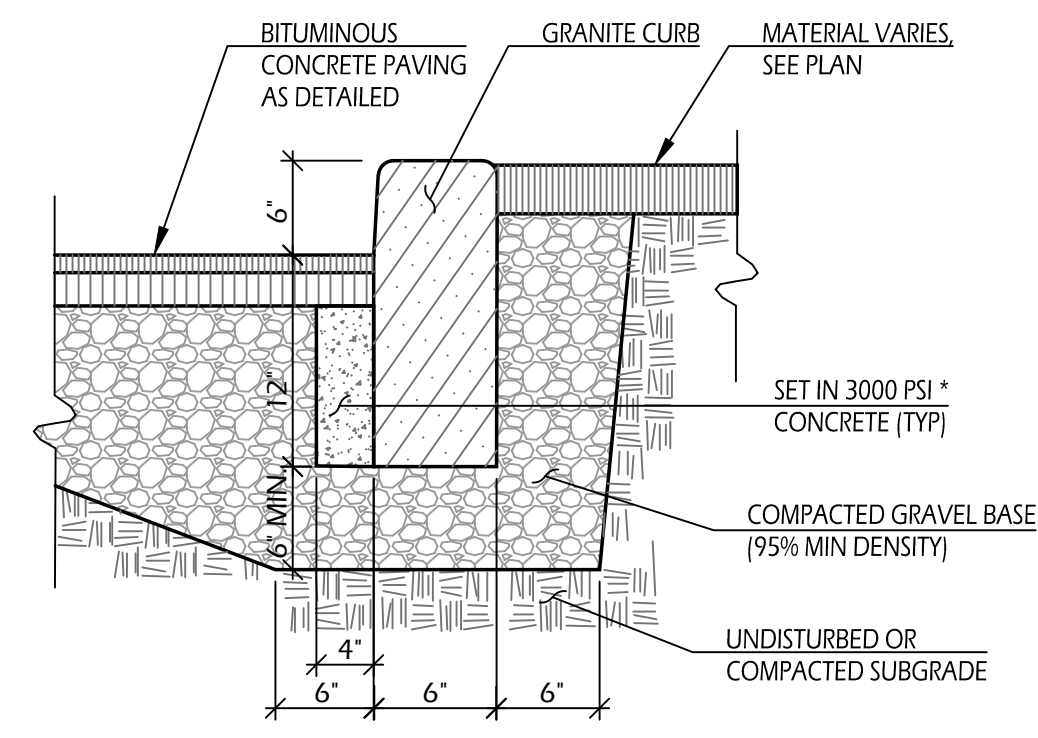
01 ADA WHEELCHAIR RAMP #2
SCALE: NOT TO SCALE



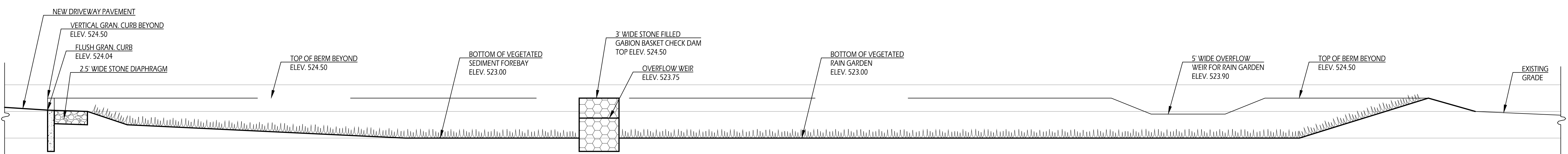
06 SECTION B-B: CROSS SECTION THROUGH RAIN GARDEN
SCALE: NOT TO SCALE



05 BITUMINOUS PAVEMENT APRON
SCALE: NOT TO SCALE

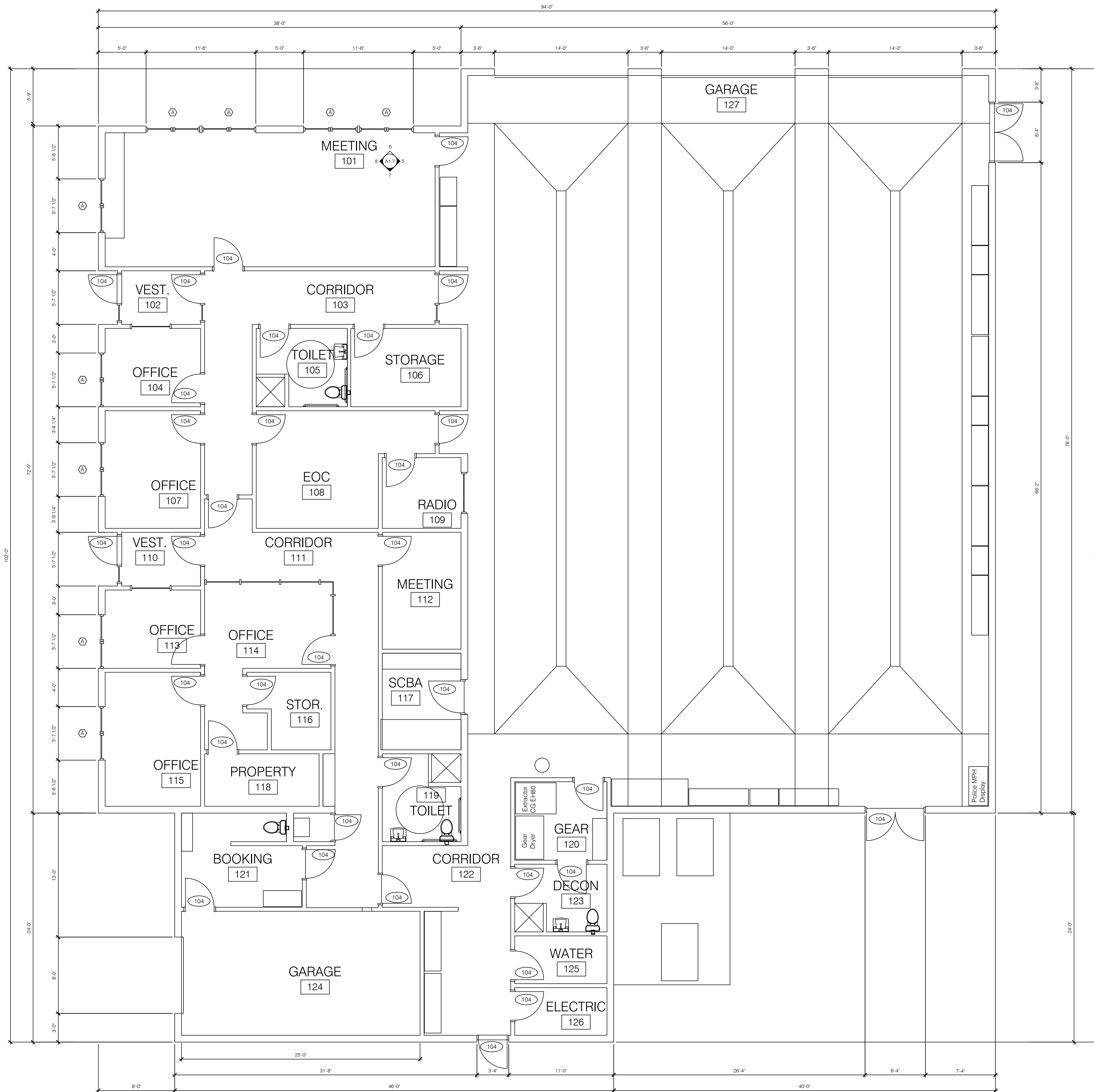


04 GRANITE CURB DETAIL
SCALE: NOT TO SCALE



07 SECTION A-A: LONGITUDINAL SECTION THROUGH SEDIMENT FOREBAY AND RAIN GARDEN
SCALE: NOT TO SCALE

E:\WILLIAMSBURG SAFETY COMPLEX\DESIGN PROCESSING\DRAWINGS\LC-603 SITE DETAILS.DWG. PLOT DATE: 11/27/2021



JUSTER POPE FRAZIER LLC
Architects and Planners
82 North Street
Northampton, Massachusetts 01060
413 . 586 . 1600

VAV International Inc.
Mechanical Engineers
400 W. Cummings Park
Woburn, Massachusetts 01801

Johnson Structural Engineering
Structural Engineers
101 Hutton Memorial Highway
Rochdale, Massachusetts 01542

Berkshire Design Group
Civil Engineers
4 Allen Place
Northampton, Massachusetts 01060

Shepherd Engineering Inc.
Electrical Engineers
1308 Grafton Street
Worcester, Massachusetts 01604

GNCB Consulting Engineers
Geotechnical Engineers
1358 Boston Post Road
Old Saybrook, Connecticut 06475

AM Fogarty Associates Inc.
Construction Cost Consultants
175 Derby Street
Hingham, Massachusetts 02043

Williamsburg Public Safety Building

Main Street
Williamsburg, MA

REVISIONS

NO.	DATE	BY	REMARKS

SHEET TITLE

FIRST FLOOR PLAN
33% CD PHASE

DATE October 4, 2021

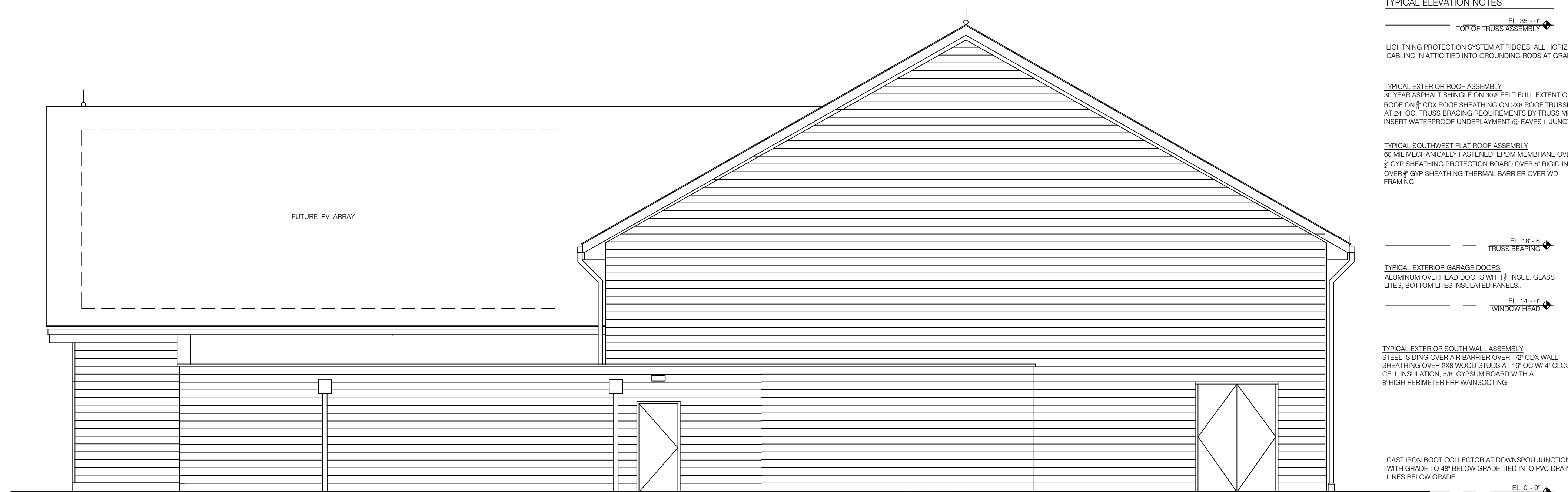
SCALE 3/16" = 1'-0"

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CHECKED BY KEVIN CHROBAK

SHEET NO.

A1.1



TYPICAL ELEVATION NOTES

EL. 36'-0" TOP OF TRUSS ASSEMBLY

LIGHTNING PROTECTION SYSTEM AT RIDGES. ALL HORIZ. CABLING IN ATTIC TIED INTO GROUNDING RODS AT GRADE.

TYPICAL EXTERIOR ROOF ASSEMBLY
30 YEAR ASPHALT SHINGLE ON 30# FELT FULL EXTENT OF ROOF ON 1/2" CDX ROOF SHEATHING ON 2X8 ROOF TRUSSES AT 24" OC. TRUSS BRACING REQUIREMENTS BY TRUSS MFR. INSERT WATERPROOF UNDERLAYMENT @ EAVES + JUNCTIONS.

TYPICAL SOUTHWEST FLAT ROOF ASSEMBLY
60 MIL MECHANICALLY FASTENED EPDM MEMBRANE OVER 1/2" GYP SHEATHING PROTECTION BOARD OVER 5" RIGID INSUL OVER 1/2" GYP SHEATHING THERMAL BARRIER OVER WD FRAMING.

EL. 18'-6" TRUSS BEARING

TYPICAL EXTERIOR GARAGE DOORS
ALUMINUM OVERHEAD DOORS WITH 1/2" INSUL. GLASS LITES. BOTTOM LITES INSULATED PANELS.

EL. 14'-0" WINDOW HEAD

TYPICAL EXTERIOR SOUTH WALL ASSEMBLY
STEEL SIDING OVER AIR BARRIER OVER 1/2" CDX WALL SHEATHING OVER 2X8 WOOD STUDS AT 16" OC. W/ 4" CLOSED CELL INSULATION, 5/8" GYPSUM BOARD WITH A 8" HIGH PERIMETER FRP WAHNSCOTING.

CAST IRON BOOT COLLECTOR AT DOWNSPOUT JUNCTION WITH GRADE TO 48" BELOW GRADE TIED INTO PVC DRAIN LINES BELOW GRADE.

EL. 0'-0" TOP OF SLAB

TYPICAL FOUNDATION WALL ASSEMBLY
REINFORCED CONCRETE FOUNDATION WALL TO SPREAD FOOTINGS. RUBBED FINISH AT EXPOSED SURFACES.

1 PROPOSED SOUTH ELEVATION

Scale: 3/16" = 1'-0"

TYPICAL ELEVATION NOTES

EL. 34'-5" TOP OF TRUSS ASSEMBLY

LIGHTNING PROTECTION SYSTEM AT RIDGES. ALL HORIZ. CABLING IN ATTIC TIED INTO GROUNDING RODS AT GRADE.

TYPICAL EXTERIOR ROOF ASSEMBLY
30 YEAR ASPHALT SHINGLE ON 30# FELT FULL EXTENT OF ROOF ON 1/2" CDX ROOF SHEATHING ON 2X8 ROOF TRUSSES AT 24" OC. TRUSS BRACING REQUIREMENTS BY TRUSS MFR. WATERPROOF UNDERLAYMENT @ EAVES + RAKES. 30' W.

EL. 17'-2" TRUSS BEARING

ALUMINUM GUTTERS + DOWNSPOUTS. TYPICAL.

EL. 14'-0" TOP OF DOOR HEAD

TYPICAL EXTERIOR GARAGE DOORS
ALUMINUM OVERHEAD DOORS WITH 1/2" INSUL. GLASS LITES. BOTTOM LITES INSULATED PANELS.

TYPICAL EXTERIOR WALL ASSEMBLY
7" TO WEATHER. SMOOTH. BURNED. FACTORY PTD. CONCRETE FIBER SIKING OVER AIR BARRIER OVER 1 1/2" INSULATED WALL SHEATHING OVER 2X8 WOOD STUDS AT 16" W/ 3" CLOSED CELL INSULATION, 5/8" GYPSUM BOARD, 8" H CONTINUOUS FRP AT WALLS.

6" DIA. GALV STEEL BOLLARDS WITH CAP. FILL WITH CONCRETE. SET IN 12" DIA. 48" REINF. CONC SONOTUBE.

CAST IRON BOOT COLLECTOR AT DOWNSPOUT JUNCTION WITH GRADE TO 48" BELOW GRADE TIED INTO PVC DRAIN LINES BELOW GRADE.

EL. 0'-0" TOP OF SLAB

TYPICAL FOUNDATION WALL ASSEMBLY
REINFORCED CONCRETE FOUNDATION WALL TO SPREAD FOOTINGS. RUBBED FINISH AT EXPOSED SURFACES.

EL. -4'-0" BOT. OF FDN.



EL. 28'-6" RIDGE LINE

EL. 11'-2" TRUSS BEARING

EL. 8'-2" TOP OF DOOR HEAD

EL. 0'-0" TOP OF FDN

EL. 0'-0" TOP OF SLAB

EL. -4'-0" BOT. OF FDN.

2 PROPOSED NORTH ELEVATION

Scale: 3/16" = 1'-0"

JUSTER POPE FRAZIER LLC
Architects and Planners
82 North Street
Northampton, Massachusetts 01060
413 . 586 . 1600

VAV International Inc.
Mechanical Engineers
400 W. Cummings Park
Woburn, Massachusetts 01801

Johnson Structural Engineering
Structural Engineers
101 Huntoon Memorial Highway
Rochdale, Massachusetts 01542

Berkshire Design Group
Civil Engineers
4 Allen Place
Northampton, Massachusetts 01060

Shepherd Engineering Inc.
Electrical Engineers
1308 Grafton Street
Worcester, Massachusetts 01604

GNCB Consulting Engineers
Geotechnical Engineers
1358 Boston Post Road
Old Saybrook, Connecticut 06475

AM Fogarty Associates Inc.
Construction Cost Consultants
175 Derby Street
Hingham, Massachusetts 02043

Williamsburg Public Safety Building

Main Street
Williamsburg, MA

REVISIONS

NO.	DATE	BY	REMARKS

SHEET TITLE

**BUILDING ELEVATIONS
SOUTH + NORTH
33% CD PHASE**

DATE November 3, 2021

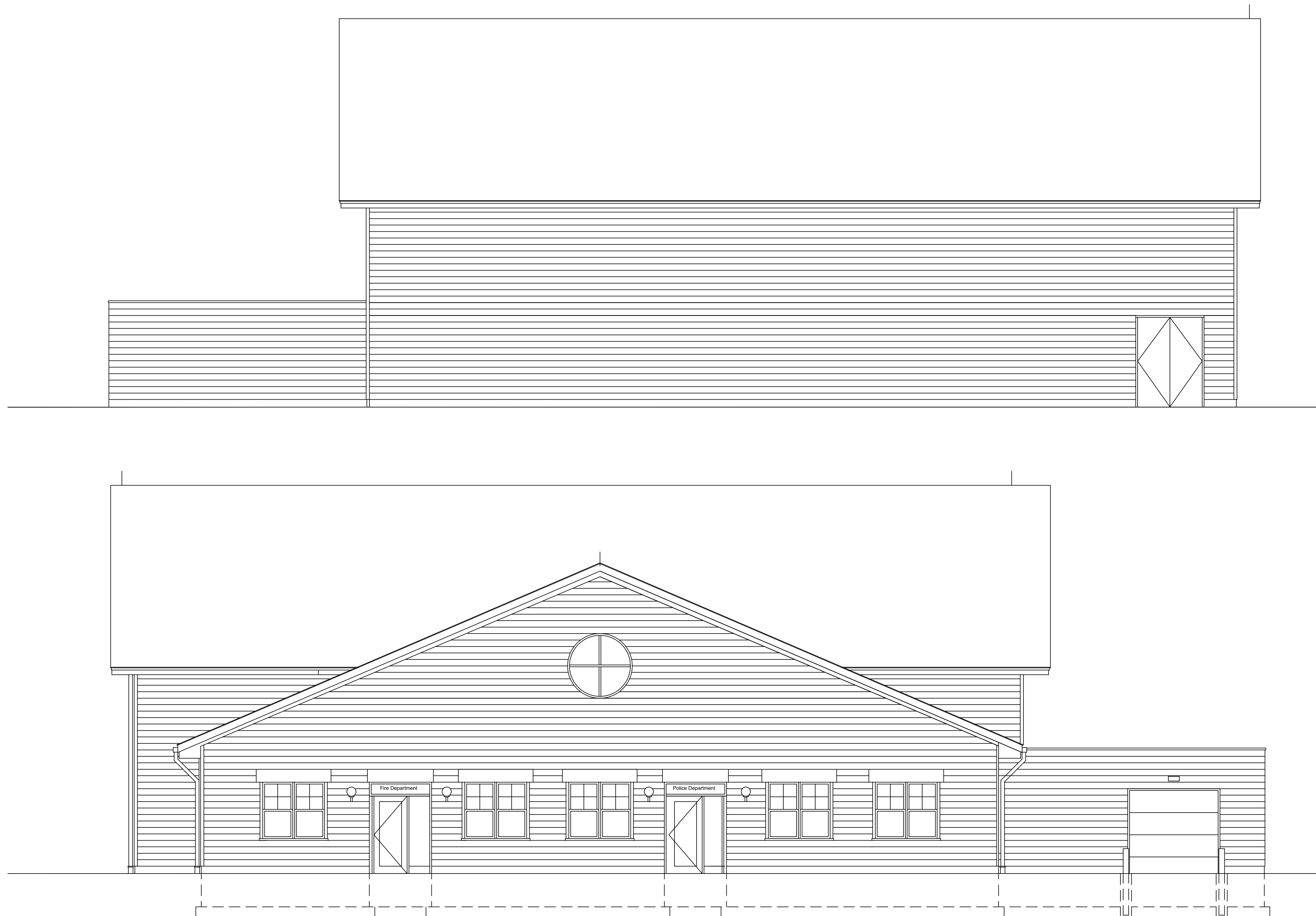
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JUSTER POPE FRAZIER LLC
 Architects and Planners
 82 North Street
 Northampton, Massachusetts 01060
 413 . 586 . 1600

VAV International Inc.
 Mechanical Engineers
 400 W. Cummings Park
 Woburn, Massachusetts 01801

Johnson Structural Engineering
 Structural Engineers
 101 Huntoon Memorial Highway
 Rochdale, Massachusetts 01542

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 Civil Engineers
 4 Allen Place
 Northampton, Massachusetts 01060

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 Electrical Engineers
 1308 Grafton Street
 Worcester, Massachusetts 01604

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 Geotechnical Engineers
 1358 Boston Post Road
 Old Saybrook, Connecticut 06475

AM Fogarty Associates Inc.
 Construction Cost Consultants
 175 Derby Street
 Hingham, Massachusetts 02043

Williamsburg Public Safety Building

Main Street
 Williamsburg, MA

REVISIONS

NO.	DATE	BY	REMARKS

SHEET TITLE

**BUILDING ELEVATIONS
 EAST + WEST**

DATE September 22, 2021

SCALE 3/16" = 1'-0"

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A3.1