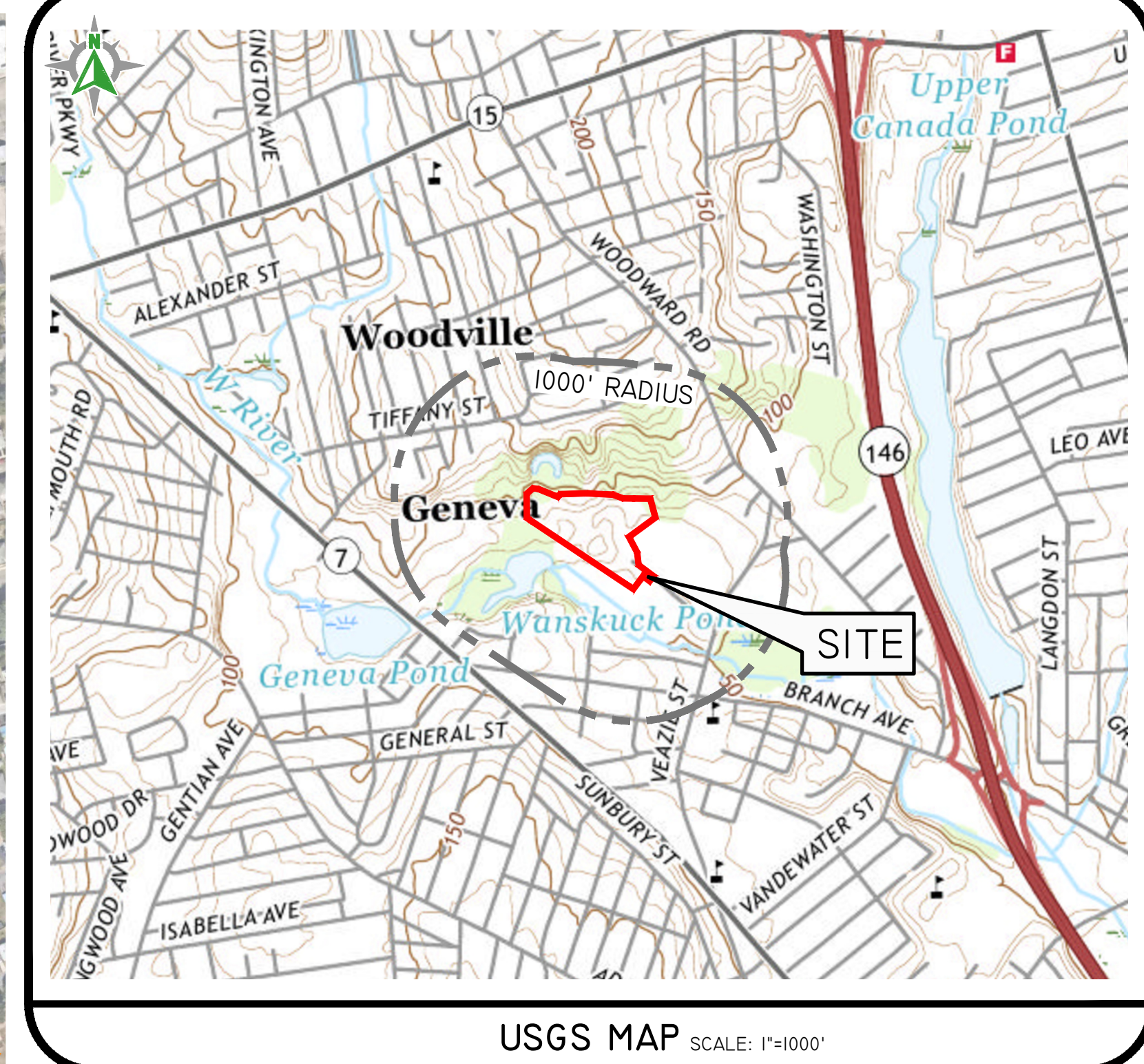
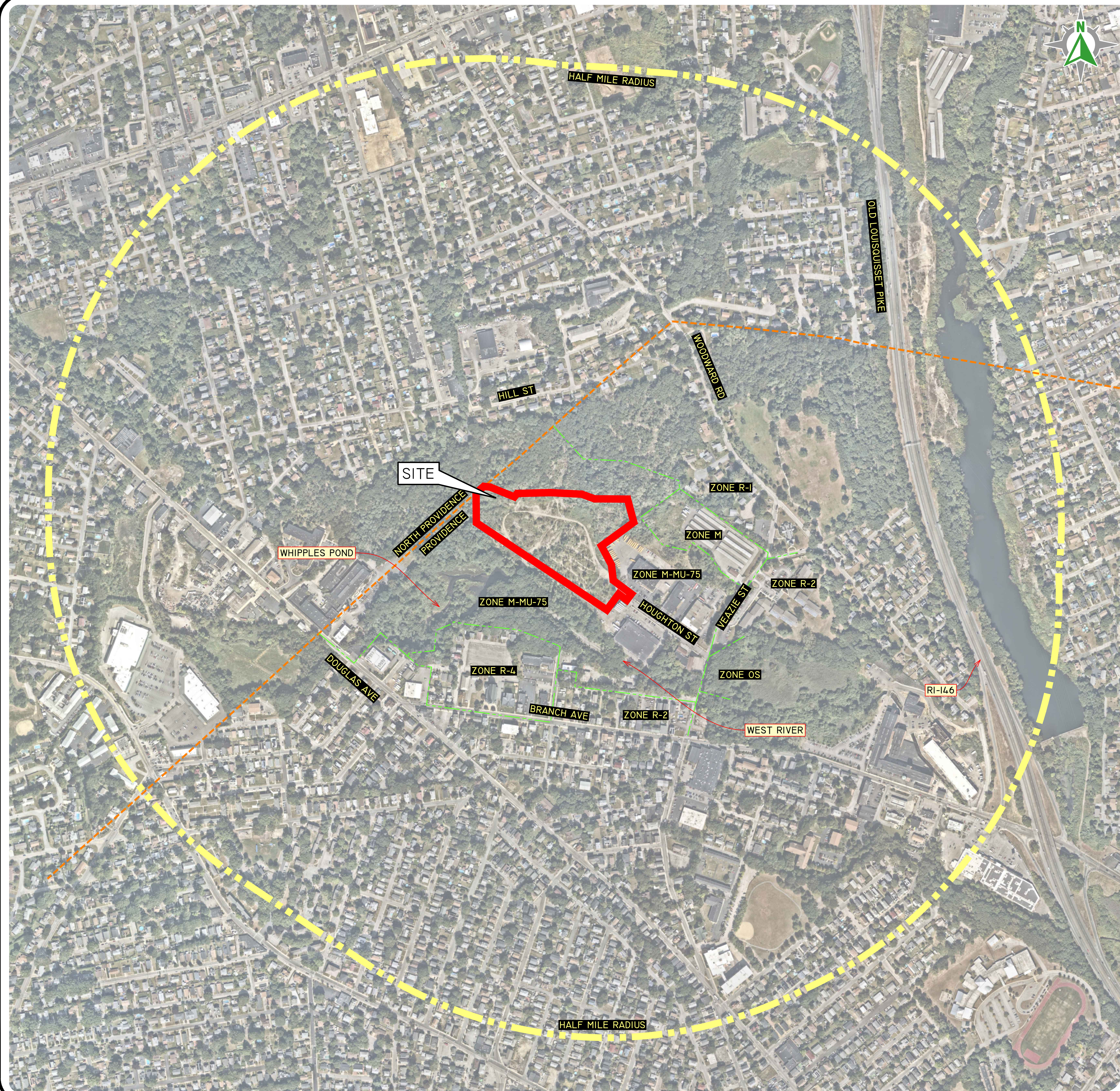


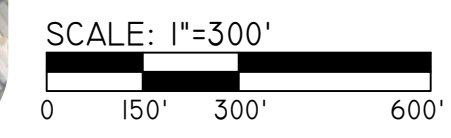


Z:\DEVELOPMENT\PROJECTS\0859-003\_VEAZIE STREET\AUTOCAD DRAWINGS\0859-003-BB8-C\AS-DWG PLOTTER: 6/11/2026



USGS MAP SCALE: 1"=1000'

PHOTO OBTAINED FROM NEARMAP.  
DATE OF PHOTOGRAPHY 09-12-2024.  
SCALE: 1"=300'



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REGISTERED PROFESSIONAL ENGINEER  
CIVIL

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THE CONTRACTOR IS RESPONSIBLE FOR ALL OF THE NEARMAP DATA PROGRAMS UTILIZED. ONLY DIPRETE ENGINEERING ASSUMES RESPONSIBILITY FOR CONFORMANCE IN THE IMPLEMENTATION OF THIS PLAN AND DRAWINGS INCURRED DUE TO LOCATIONS OF EXISTING UTILITIES.

NO.	DATE	DESCRIPTION	DESIGN BY
06-10-2024		PRELIMINARY PLAN SUBMISSION	F.L.Y.
06-20-2024		PRELIMINARY PLAN SUBMISSION	F.L.Y.
06-20-2024		PRELIMINARY PLAN SUBMISSION	F.L.Y.
06-20-2024		PRELIMINARY PLAN SUBMISSION	F.L.Y.

**AERIAL & HALF-MILE RADIUS**  
**NEW PROVIDENCE BUSINESS PARK**  
ASSESSOR'S PLAT 078 LOT 457  
PROVIDENCE, RHODE ISLAND  
PREPARED FOR:  
**COLLEGE HILL DEVELOPMENT, LLC**  
10 GREENE STREET, PROVIDENCE, RHODE ISLAND 02904

DEVELOPER: COLLEGE HILL DEVELOPMENT, LLC  
DESIGNER: DIPRETE ENGINEERING ASSOCIATES, INC.

SHEET **2** OF 12





- GENERAL NOTES:**
- THE SITE IS WITHIN A  
HISTORIC DISTRICT (CITY)  
LOCAL CONSERVATION AREA (CITY)
  - WETLAND EDGES FROM RIGIS MAPPING AND ARE TO BE CONSIDERED APPROXIMATE.

**SOIL INFORMATION:**

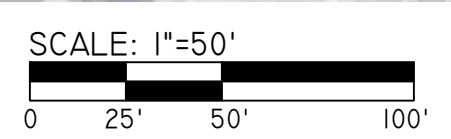
(REFERENCE: SOIL MAPPING OBTAINED FROM RIGIS. SOIL GEOGRAPHIC DATA DEVELOPED BY THE RHODE ISLAND SOIL SURVEY PROGRAM IN PARTNERSHIP WITH THE NATIONAL COOPERATIVE SOIL SURVEY)

SOIL NAME DESCRIPTION

CAD CANTON-CHARLTON-ROCK OUTCROP COMPLEX, 15 TO 35 PERCENT SLOPES  
UD UDORTHTENS-URBAN LAND COMPLEX  
UR URBAN LAND

**EXISTING LEGEND**  
NOT ALL ITEMS SHOWN WILL APPEAR ON PLANS

	PROPERTY LINE
	ASSESSORS LINE
	CITY/TOWN LINE
	ZONING LINE
	WETLAND EDGE
	MINOR CONTOUR LINE
	MAJOR CONTOUR LINE
	SOILS LINES
	25' WETLAND BUFFER
	50' WETLAND BUFFER
	100' RIVERFRONT BUFFER
	FEMA BOUNDARY
	STREAM
	WETLAND LINE & FLAG



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THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITIES AND FOR OBTAINING UTILITIES SHOWN ON THIS PLAN. APPROXIMATE LOCATIONS INCURRED DUE TO LOCATIONS OF EXISTING UTILITIES.

NO.	DATE	DESCRIPTION	BY:
06-10-2026		PRELIMINARY PLAN SUBMISSION	F.L.Y.
06-23-2026		FINAL PLAN SUBMISSION	F.L.Y.
			BY:
			DESIGN BY: J.M.S.
			DRAWN BY: F.L.Y.

**EXISTING CONDITIONS PLAN**  
NEW PROVIDENCE BUSINESS PARK  
ASSASSOR'S PLAT 078 LOT 457  
PROVIDENCE, RHODE ISLAND  
COLLEGE HILL DEVELOPMENT, LLC  
10 GREENE STREET, PROVIDENCE, RHODE ISLAND 02904

DE JOB NO: 8899-048-048 COPYRIGHT 2025 BY DIPRETE ENGINEERING ASSOCIATES, INC.

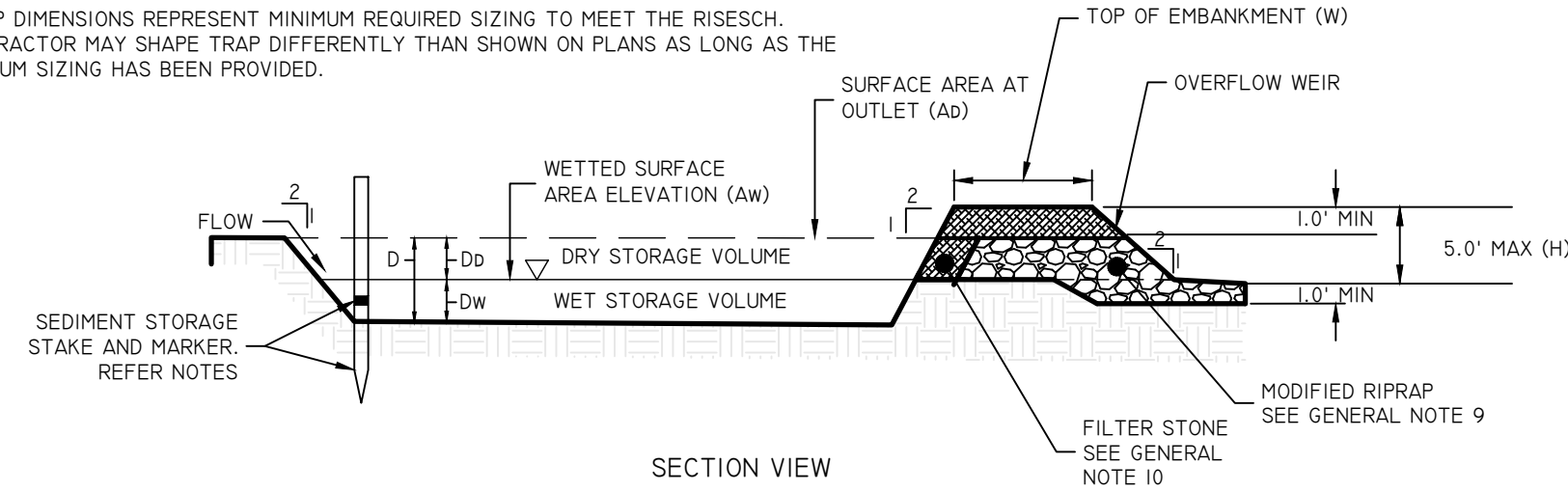
SHEET 4 OF 12

Z:\DEMANPROJECTS\8899-048\048 LEASE STREET\AUTOCAD DRAWINGS\ARCHIVE\8899-048-048-METR - 2024 DWG PLOTTED: 6/11/2026

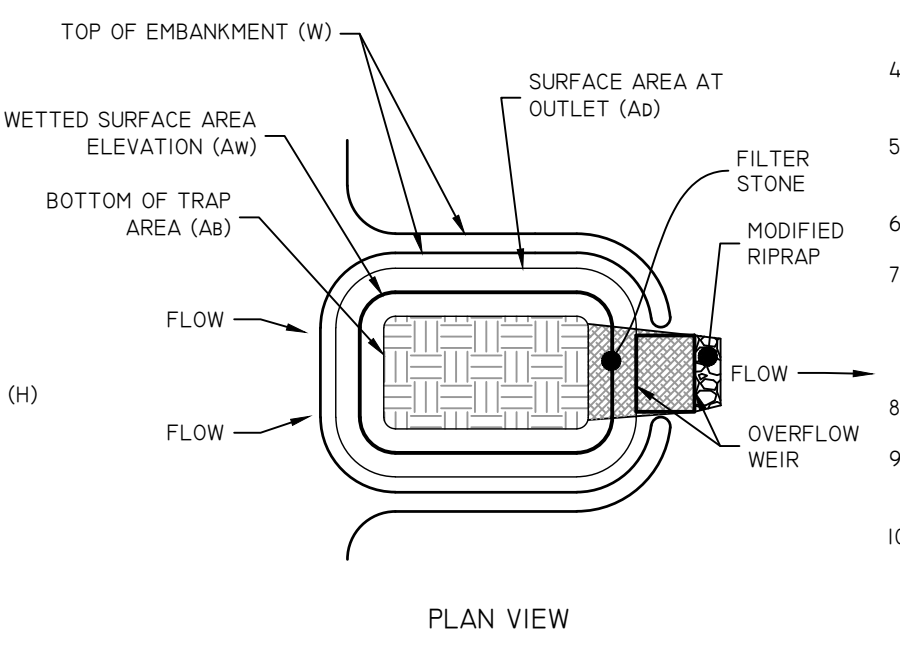
SEDIMENT TRAP DIMENSIONS*	TRAP A	TRAP B
TRIBUTARY DRAINAGE AREA	3,784 AC	3,191 AC
WET STORAGE DEPTH (Dw)	3.0 FT	3.0 FT
DRY STORAGE DEPTH (Dd)	2.0 FT	2.0 FT
TOTAL DEPTH (D)	5.0 FT	5.0 FT
BOTTOM OF TRAP AREA (Ab)	1,754 SQ.FT	1,615 SQ.FT
WETTED SURFACE AREA (Aw)	2,841 SQ.FT	2,814 SQ.FT
SURFACE AREA AT OUTLET (Ad)	3,692 SQ.FT	3,739 SQ.FT

MINIMUM TOP WIDTH VS HEIGHT	
H (FT)	W (FT)
1.5	2.0
2.0	2.5
2.5	3.0
3.0	3.5
3.5	4.0
4.0	4.5
4.5	5.0

\*TRAP DIMENSIONS REPRESENT MINIMUM REQUIRED SIZING TO MEET THE RISESCH. CONTRACTOR MAY SHAPE TRAP DIFFERENTLY THAN SHOWN ON PLANS AS LONG AS THE MINIMUM SIZING HAS BEEN PROVIDED.



TEMPORARY SEDIMENT TRAP DETAIL



GENERAL NOTES:

1. THE TEMPORARY SEDIMENT TRAP SHALL MEET ALL REQUIREMENTS FOR TEMPORARY SEDIMENT TRAPS OUTLINED IN THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK (LATEST REVISION) SECTION SIX: SEDIMENT CONTROL MEASURES
2. THE TEMPORARY SEDIMENT TRAP MUST PROVIDE A STORAGE VOLUME FOR ONE INCH OF RUNOFF FROM THE CONTRIBUTING AREA. HALF OF THE STORAGE MUST BE PROVIDED IN THE FORM OF WET STORAGE. SEE DETAIL BELOW SECTION 6 OF THE RISESCH.
3. ALL CUT AND FILL SLOPES MUST BE 2:1 OR FLATTER EXCEPT FOR THE EXCAVATED WET STORAGE AREA WHERE SLOPES MUST NOT EXCEED 1:5:1.
4. THE OUTLET MUST BE LOCATED AT THE MOST DISTANT HYDRAULIC POINT FROM THE INLET.
5. THE OUTLET CONSISTS OF A PERVIOUS STONE DIKE WITH A CORE OF MODIFIED RIPRAP AND FACED ON THE UPSTREAM SIDE WITH STONE.
6. TEMPORARY SEDIMENT TRAPS MUST OUTLET ONTO STABILIZED GROUND.
7. MAXIMUM HEIGHT OF A TEMPORARY SEDIMENT TRAP EMBANKMENT IS LIMITED TO 5 FEET (BOTTOM OF DRY STORAGE TO TOP OF EMBANKMENT). TOTAL EMBANKMENT HEIGHT MUST NOT EXCEED 6 FEET (BOTTOM OF WET STORAGE TO TOP OF EMBANKMENT).
8. SIDE SLOPES OF THE EMBANKMENT MUST BE 2:1 OR FLATTER.
9. MODIFIED RIPRAP: SHALL MEET THE REQUIREMENTS OF RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SUBSECTION M.10.03.2.
10. FILTER STONE: SHALL MEET THE REQUIREMENTS OF RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SUBSECTION M.01.03 TABLE I, COLUMN V FILTER STONE.

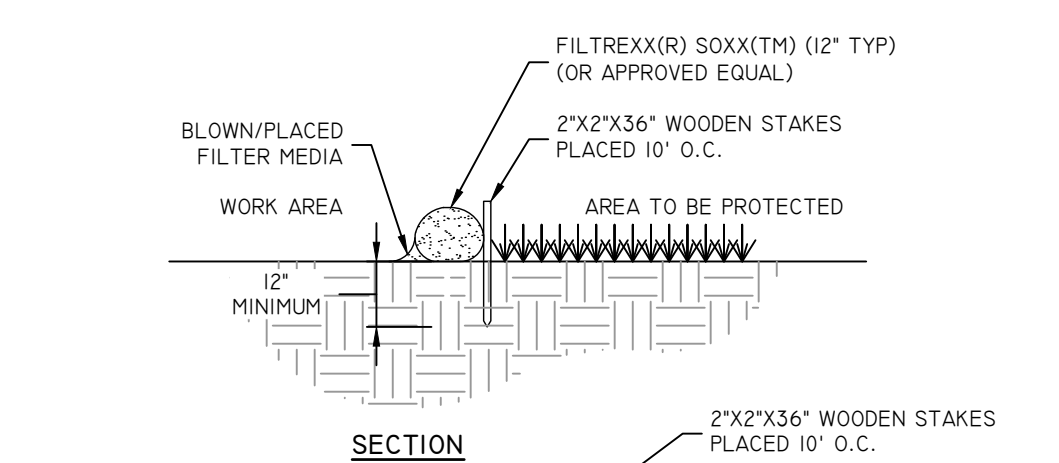
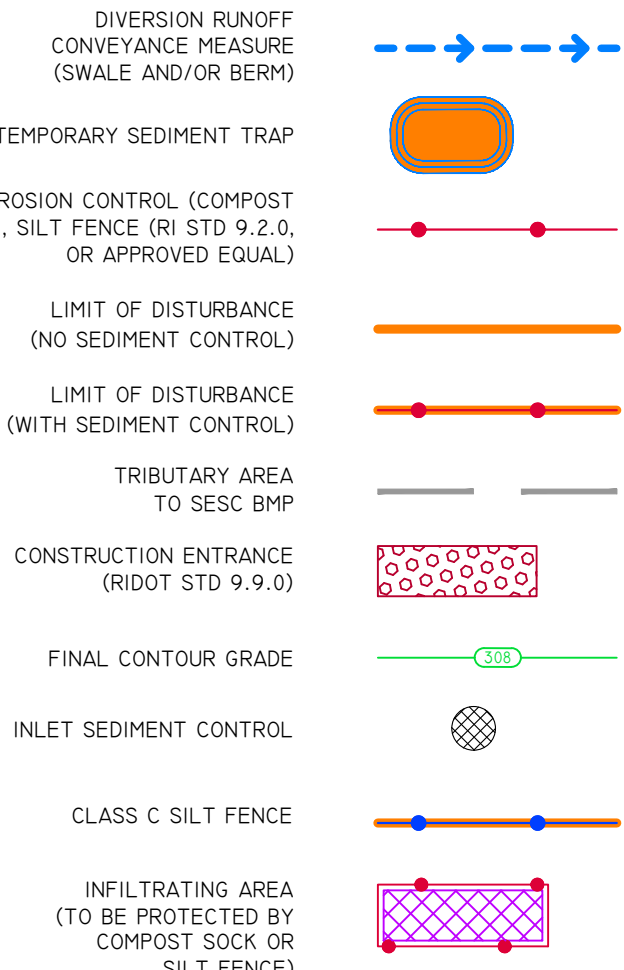
INSPECTION, MAINTENANCE, AND REMOVAL REQUIREMENTS:

1. INSTALL "SEDIMENT STORAGE" STAKE WITH A MARKER AT ONE HALF OF THE WET STORAGE VOLUME.
2. INSPECT THE TEMPORARY SEDIMENT TRAP AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.25 INCH OR GREATER.
3. CHECK THE OUTLET TO ENSURE THAT IT IS STRUCTURALLY SOUND AND HAS NOT BEEN DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT.
4. CHECK FOR SEDIMENT ACCUMULATION AND FILTRATION PERFORMANCE.
5. WHEN SEDIMENTS HAVE ACCUMULATED TO ONE HALF THE MINIMUM REQUIRED VOLUME OF THE WET STORAGE, DEWATER THE TRAP AS NEEDED, REMOVE SEDIMENTS AND RESTORE THE TRAP TO ITS ORIGINAL DIMENSIONS.
6. DISPOSE OF THE SEDIMENT REMOVED FROM THE BASIN IN A SUITABLE AREA AS DESIGNATED BY THE GEOTECHNICAL ENGINEER.
7. THE TEMPORARY SEDIMENT TRAP MAY BE REMOVED AFTER THE CONTRIBUTING DRAINAGE AREA IS STABILIZED.

INSTALLATION NOTES:

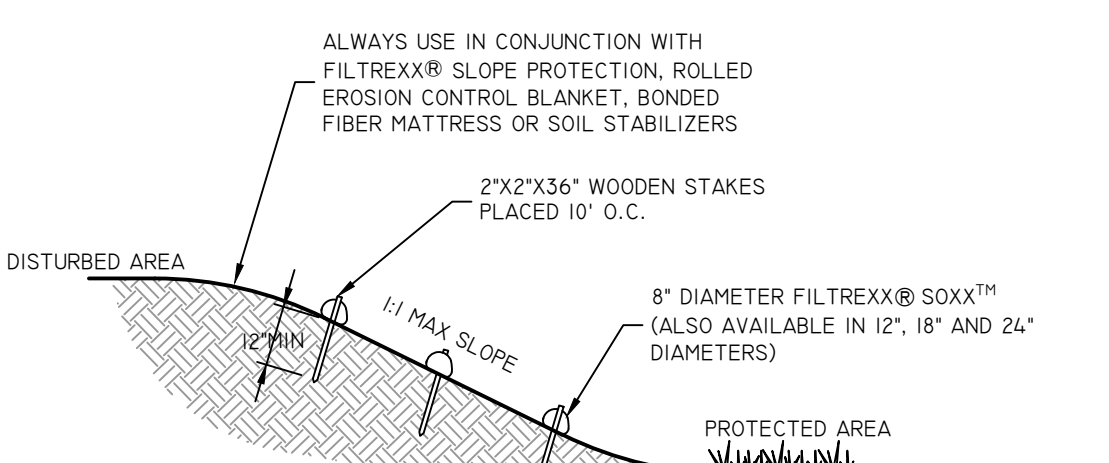
1. CLEAR, GRUB AND STRIP ANY VEGETATION AND ROOT MAT FROM ANY PROPOSED EMBANKMENT AND OUTLET AREA.
2. REMOVE STONES AND ROCKS WHOSE DIAMETER IS GREATER THAN THREE (3) INCHES AND OTHER DEBRIS.
3. EXCAVATE WET STORAGE AND CONSTRUCT THE EMBANKMENT AND/OR OUTLET AS NEEDED TO ATTAIN THE NECESSARY STORAGE REQUIREMENTS.
4. USE ONLY FILL MATERIAL FOR THE EMBANKMENT THAT IS FREE FROM EXCESSIVE ORGANICS, DEBRIS, LARGE ROCKS (OVER SIX (6) INCHES) OR OTHER UNSUITABLE MATERIALS. COMPACT THE EMBANKMENT IN 9-INCH LAYERS BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED.
5. STABILIZE THE EARTHEN EMBANKMENT USING ANY OF THE FOLLOWING MEASURES: SEEDING FOR TEMPORARY VEGETATION COVER; SEEDING FOR PERMANENT VEGETATIVE COVER; OR SLOPE PROTECTION, IMMEDIATELY AFTER INSTALLATION.

SOIL EROSION CONTROL LEGEND



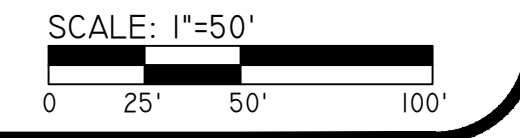
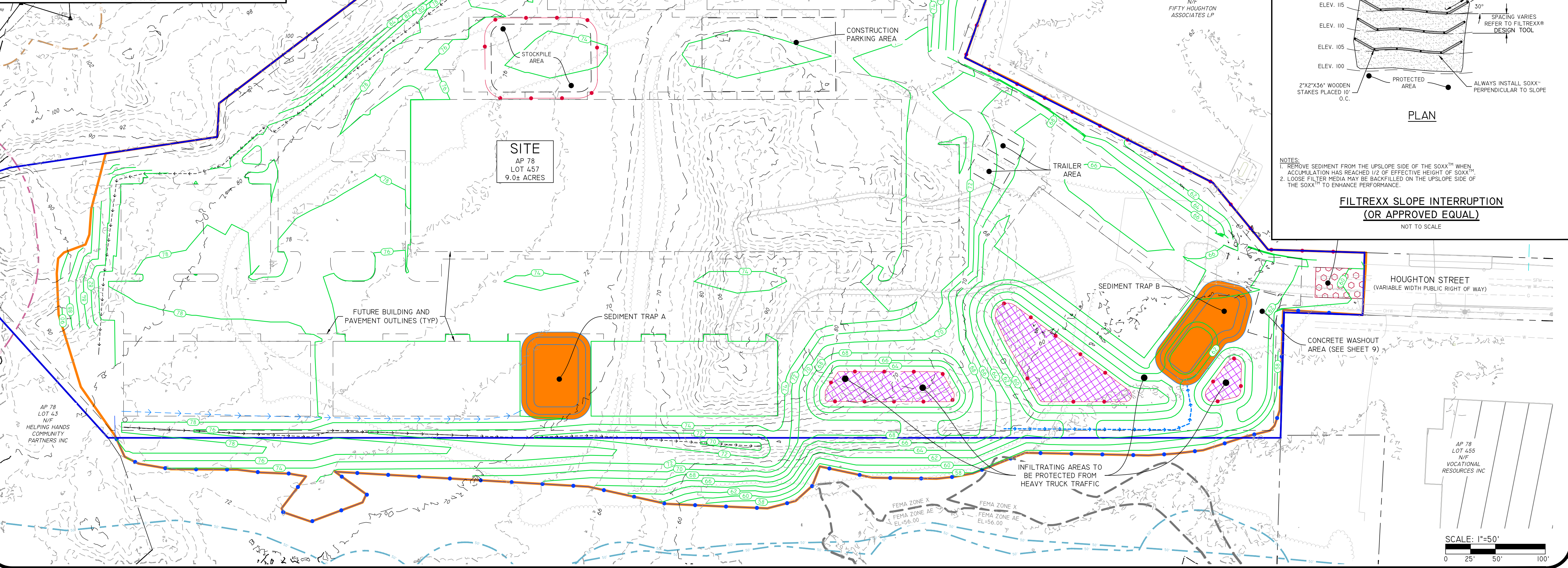
- NOTES:
1. ALL MATERIAL TO MEET FILTREXX(R) SPECIFICATIONS
  2. FILTER MEDIA(TM) FILL TO MEET APPLICATION REQUIREMENTS.
  3. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER
  4. STAKES ARE NOT TO BE USED IN PAVEMENT AREAS.
  5. SELF WEIGHT OF FILTREXX SYSTEM IS ADEQUATE TO PREVENT SYSTEM MOVEMENT ONCE POSITIONED ALONG AREA SHOWN ON THE PLANS.
  6. CONTRACTOR TO PLACE FILTREXX SEDIMENT CONTROL OR APPROVED EQUAL AROUND ALL CURB INLET LOCATIONS AS SPECIFIED ON PLANS.

FILTREXX SEDIMENT CONTROL (OR APPROVED EQUAL)



- NOTES:
1. REMOVE SEDIMENT FROM THE UPSLOPE SIDE OF THE SOXX(TM) WHEN ACCUMULATION HAS REACHED 1/2 OF EFFECTIVE HEIGHT OF SOXX(TM)
  2. LOOSE FILTER MEDIA MAY BE BACKFILLED ON THE UPSLOPE SIDE OF THE SOXX(TM) TO ENHANCE PERFORMANCE.

FILTREXX SLOPE INTERRUPTION (OR APPROVED EQUAL)



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DATE	DESCRIPTION	DESIGN BY
06-10-2020	PRELIMINARY PLAN SUBMISSION	F.L.Y.
02-22-2022	PRELIMINARY PLAN SUBMISSION	F.L.Y.
02-22-2022	FINAL PLAN SUBMISSION	F.L.Y.

DRAWN BY: F.L.Y.

**SOIL EROSION & SEDIMENT CONTROL**

NEW PROVIDENCE BUSINESS PARK  
 PROVIDENCE'S PLAT 078 LOT 457  
 PROVIDENCE, RHODE ISLAND

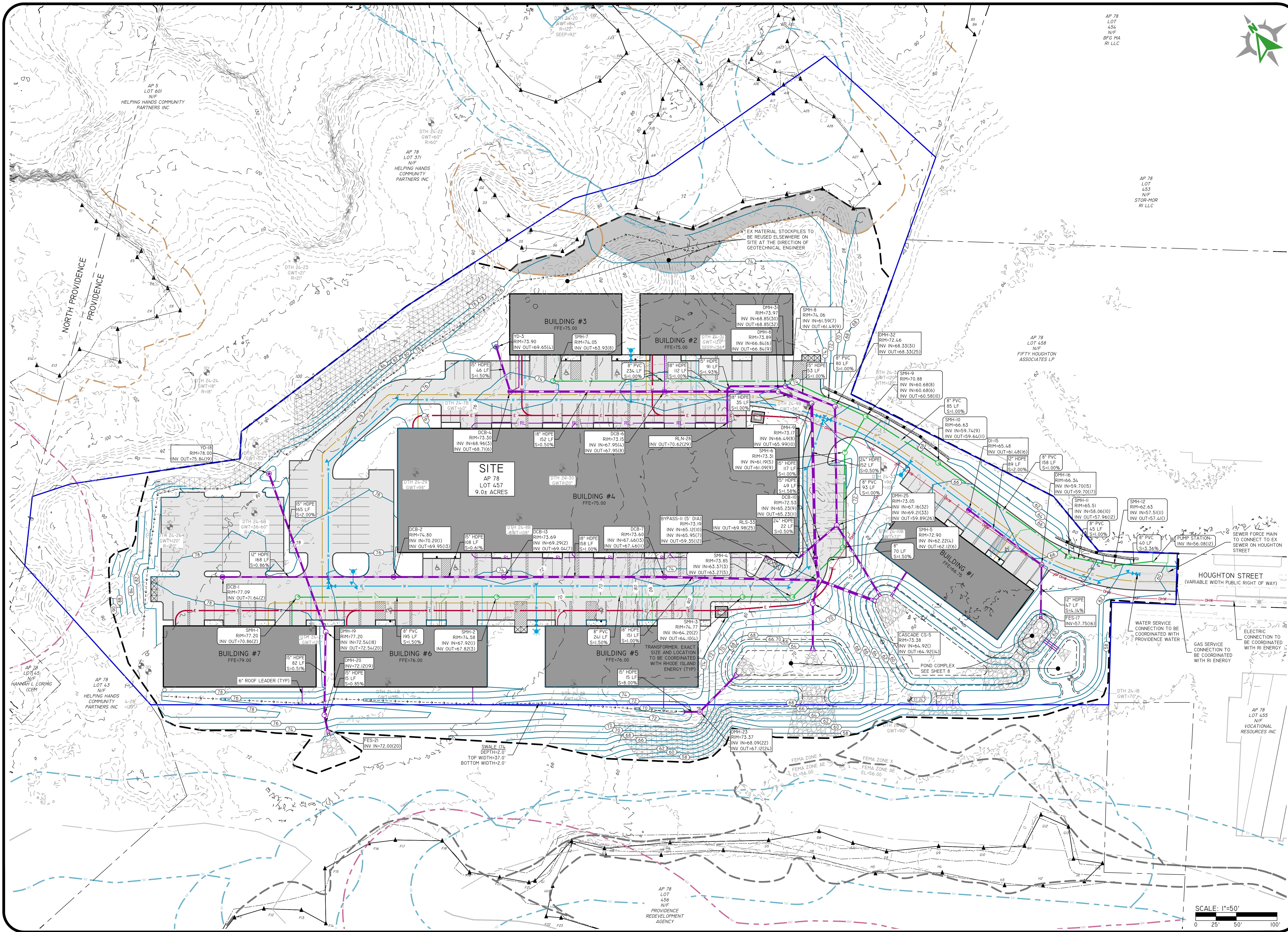
PREPARED FOR:  
 COLLEGE HILL DEVELOPMENT, LLC  
 10 GREENE STREET, PROVIDENCE, RHODE ISLAND 02904

SCALE: 1"=50'

SHEET 5 OF 12



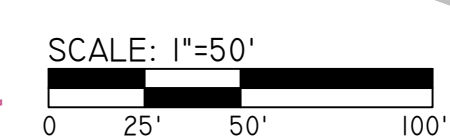
Z:\DEVELOPMENT\PROJECTS\0899-003\_VAZATE STREET\AUTOCAD DRAWINGS\0899-003-BIB-PLAN.DWG PLOTTED: 6/11/2026



AP 78  
LOT 454  
N/F  
BFG MA  
RI LLC

AP 78  
LOT 453  
N/F  
STOR-NOR  
RI LLC

AP 78  
LOT 458  
N/F  
FIFTY HOUGHTON  
ASSOCIATES LP



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NO.	DATE	DESCRIPTION	BY	CHKD.
00-10-2022		PRELIMINARY PLAN SUBMISSION		
02-22-2022		PRELIMINARY PLAN SUBMISSION		

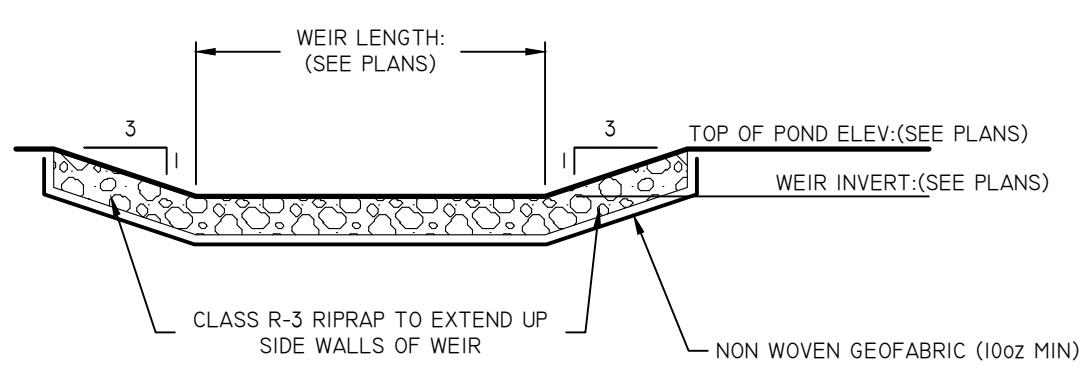
DESIGN BY: F.L.Y.

**GRADING, DRAINAGE & UTILITY PLAN**  
NEW PROVIDENCE BUSINESS PARK  
ASSESSOR'S PLAT 078 LOT 457  
PROVIDENCE, RHODE ISLAND

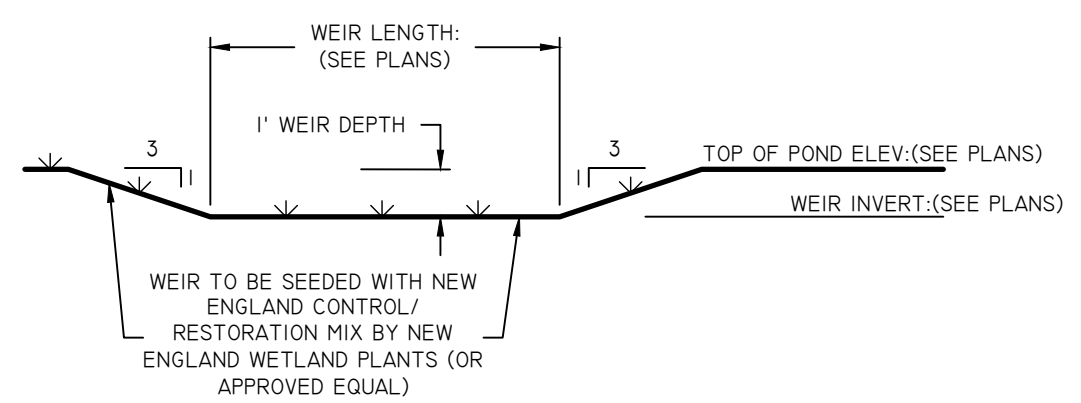
PREPARED FOR:  
COLLEGE HILL DEVELOPMENT, LLC  
10 GREENE STREET, PROVIDENCE, RHODE ISLAND 02904

SCALE: 1"=50'

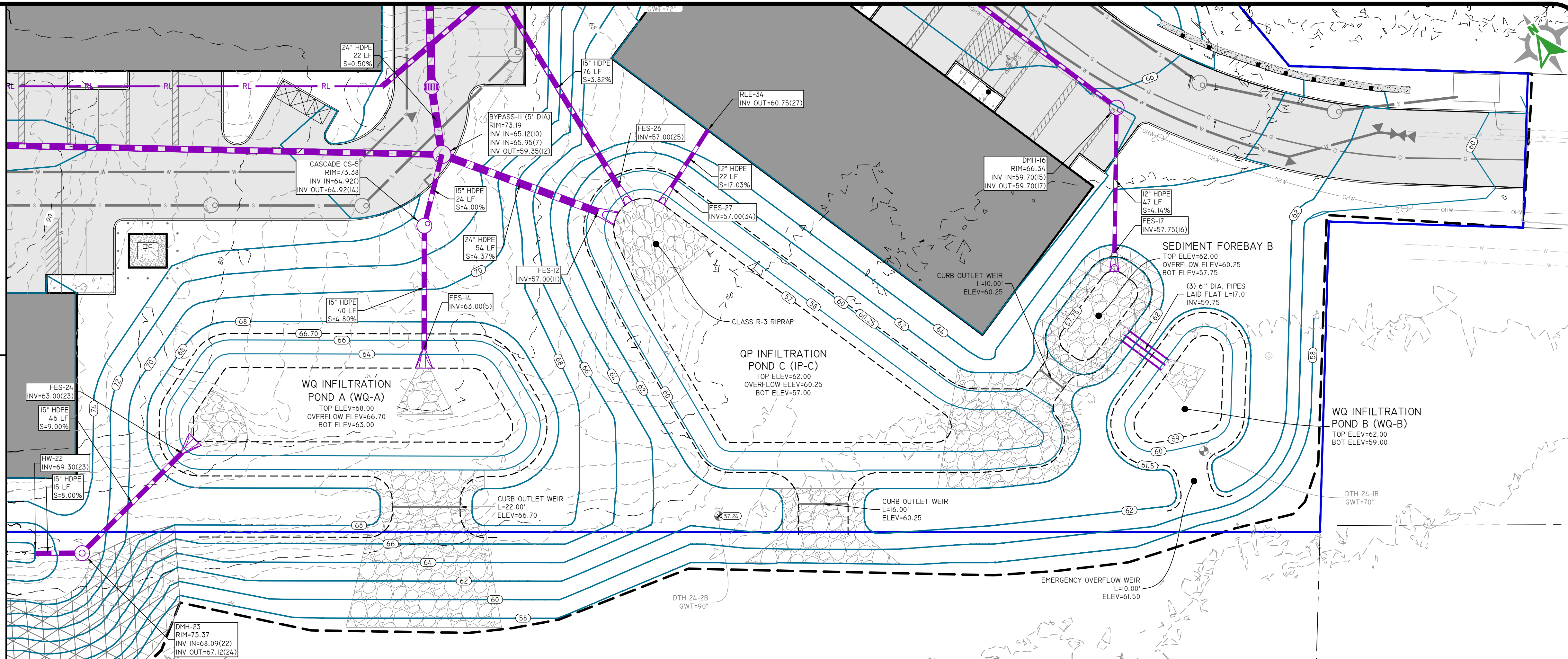
SHEET 7 OF 12



**OVERFLOW WEIR**  
NOT TO SCALE

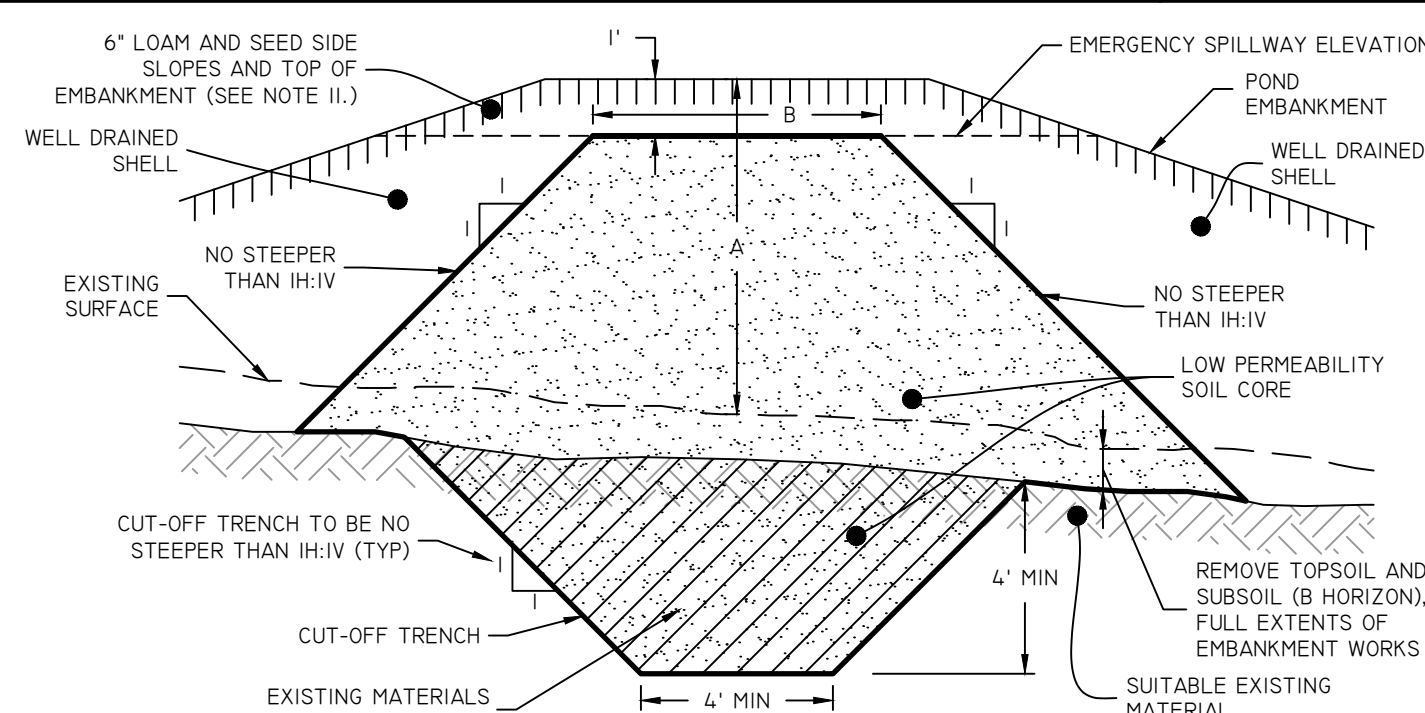


**EMERGENCY OVERFLOW WEIR**  
NOT TO SCALE



**POND COMPLEX**

SCALE: 1"=20'  
0 10' 20' 40'

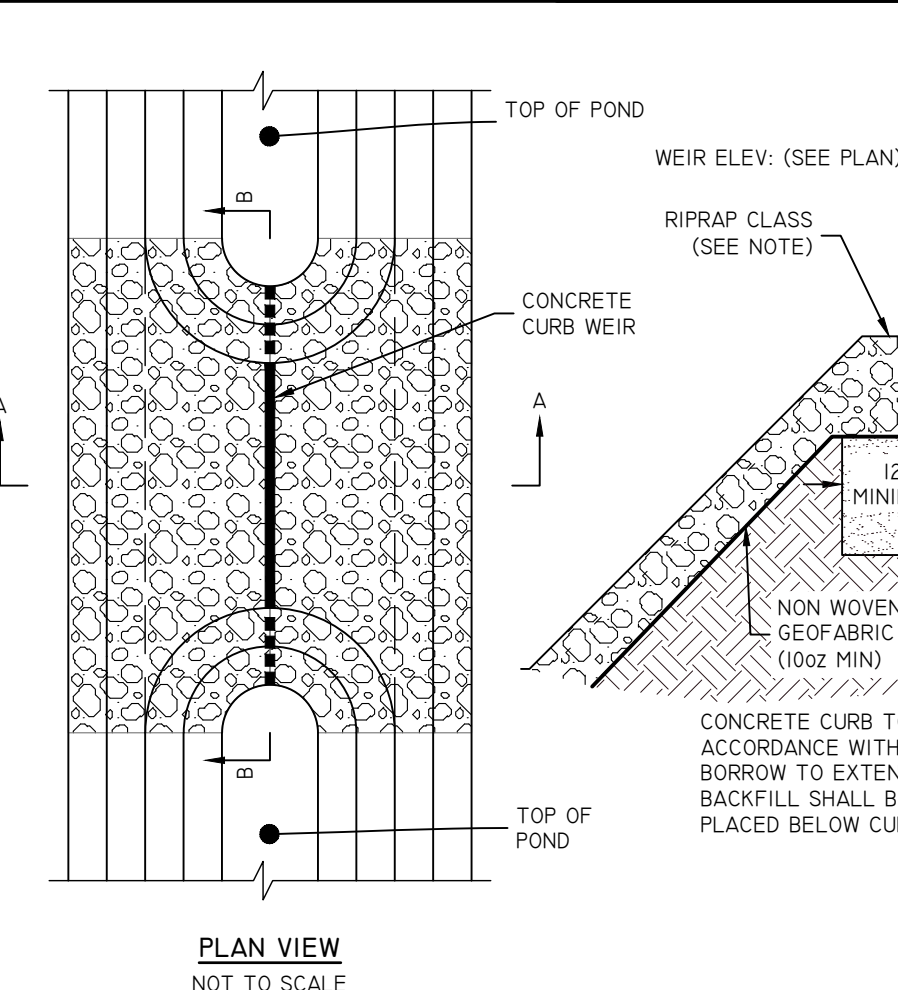


**POND EARTHEN EMBANKMENT:  
LOW PERMEABILITY CORE**  
NOT TO SCALE

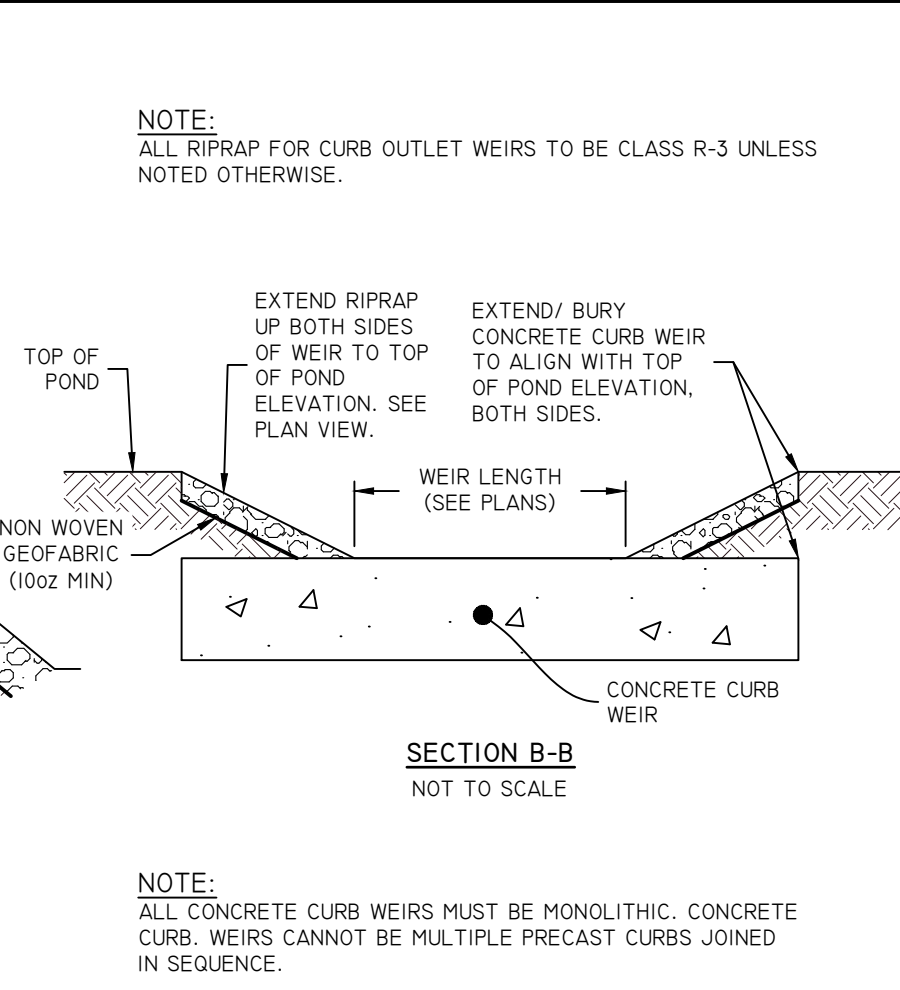
SIEVE SIZE	PERCENT FINER BY WEIGHT
3-INCH	60-100
1/2 INCH	50-85
1/4 INCH	45-80
NO. 4	40-75
NO. 40	0-45
NO. 200	0-10

- NOTES:**
- LOW PERMEABILITY SOIL CORE TO BE PROVIDED FOR ALL POND EMBANKMENTS UNLESS AN ALTERNATIVE METHOD IS SPECIFICALLY NOTED ON THE PLANS.
  - LOW PERMEABILITY SOIL CORE TO BE CONSTRUCTED OF A MATERIAL WITH A MINIMUM OF 30% PASSING THE #200 SIEVE AND A MAXIMUM PERMEABILITY OF 0.00005 CM/S.
  - WELL DRAINED SHELL TO BE GRAVEL BORROW WITH LESS THAN 10% PASSING THE #200 SIEVE AND MEET THE GRADATION AS SHOWN ON THIS DETAIL.
  - ALL MATERIAL MUST BE FREE FROM DELETERIOUS/ ORGANIC MATTER, INCLUDING (BUT NOT LIMITED TO) ROOTS, SOD, RUBBLE, SNOW, ICE, RUBBISH ETC.
  - MINIMUM DEPTH OF CUT-OFF TRENCH SHALL BE 4' MEASURED FROM THE LOWEST ELEVATION OF THE UNDISTURBED EXISTING SURFACE INTERFACE. SEE DETAIL.
  - THE MINIMUM BOTTOM WIDTH OF THE CUT-OFF TRENCH SHALL BE 4', AND WIDE ENOUGH TO PERMIT OPERATION OF COMPACTION EQUIPMENT.
  - SIDE SLOPES OF THE CUT-OFF TRENCH SHALL BE NO STEEPER THAN 1H:1V.
  - IF BEDROCK IS ENCOUNTERED BELOW THE POND EMBANKMENT THE CUT OFF TRENCH MAY BE MODIFIED AT THE DIRECTION OF A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER.
  - THE LOW PERMEABILITY CORE AT A MINIMUM SHALL EXTEND UP BOTH ABUTMENTS TO THE EMERGENCY SPILLWAY ELEVATION.
  - COMPACTION REQUIREMENTS FOR THE SHELL AND LOW PERMEABILITY CORE TO BE 95% OF THE MODIFIED PROCTOR PER ASTM D1557. ALL FILL TO BE PLACED IN LIFTS NOT EXCEEDING 12".
  - SIDE SLOPE OF POND EMBANKMENT TO BE NO STEEPER THAN THE SLOPES SHOWN ON THE POND-SPECIFIC DESIGN PLANS WITHOUT WRITTEN DIRECTION FROM THE DESIGN ENGINEER. IF ANY POND SIDE SLOPE IS STEEPER THAN 3H:1V, SLOPE PROTECTION MUST BE UTILIZED ON POND EMBANKMENT, WHICH MAY INCLUDE (BUT NOT BE LIMITED TO) RIPRAP AND/ OR EROSION CONTROL MATS.
  - THE LOW PERMEABILITY CORE MUST BE KEPT FREE FROM STANDING WATER DURING THE BACKFILL OPERATION.
  - ALL EMBANKMENT INSTALLATIONS TO BE SUPERVISED BY A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER. SEE 'NOTE TO CONTRACTOR'.
  - ANY PROPOSED DEVIATIONS FROM THIS DETAIL MUST BE DESIGNED BY A SUITABLY QUALIFIED PROFESSIONAL ENGINEER AND SUBMITTED TO THE SITE ENGINEER (AND AHJ WHERE REQUIRED) FOR REVIEW PRIOR TO CONSTRUCTION.

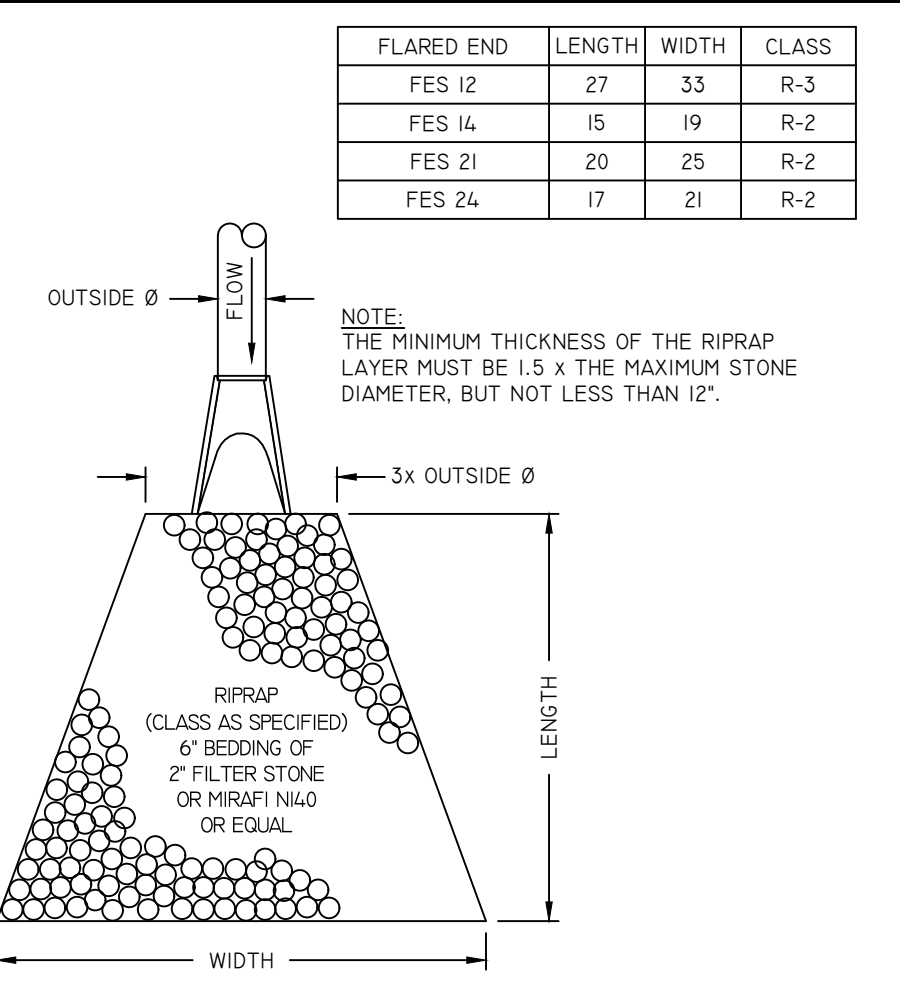
POND EMBANKMENT HEIGHT 'A' (FT)	TOP WIDTH OF CORE 'B' (FT)
0-7.0	6.0
OVER 7.0	PER GEOTECH



**SECTION A-A  
CURB OUTLET WEIR**  
NOT TO SCALE

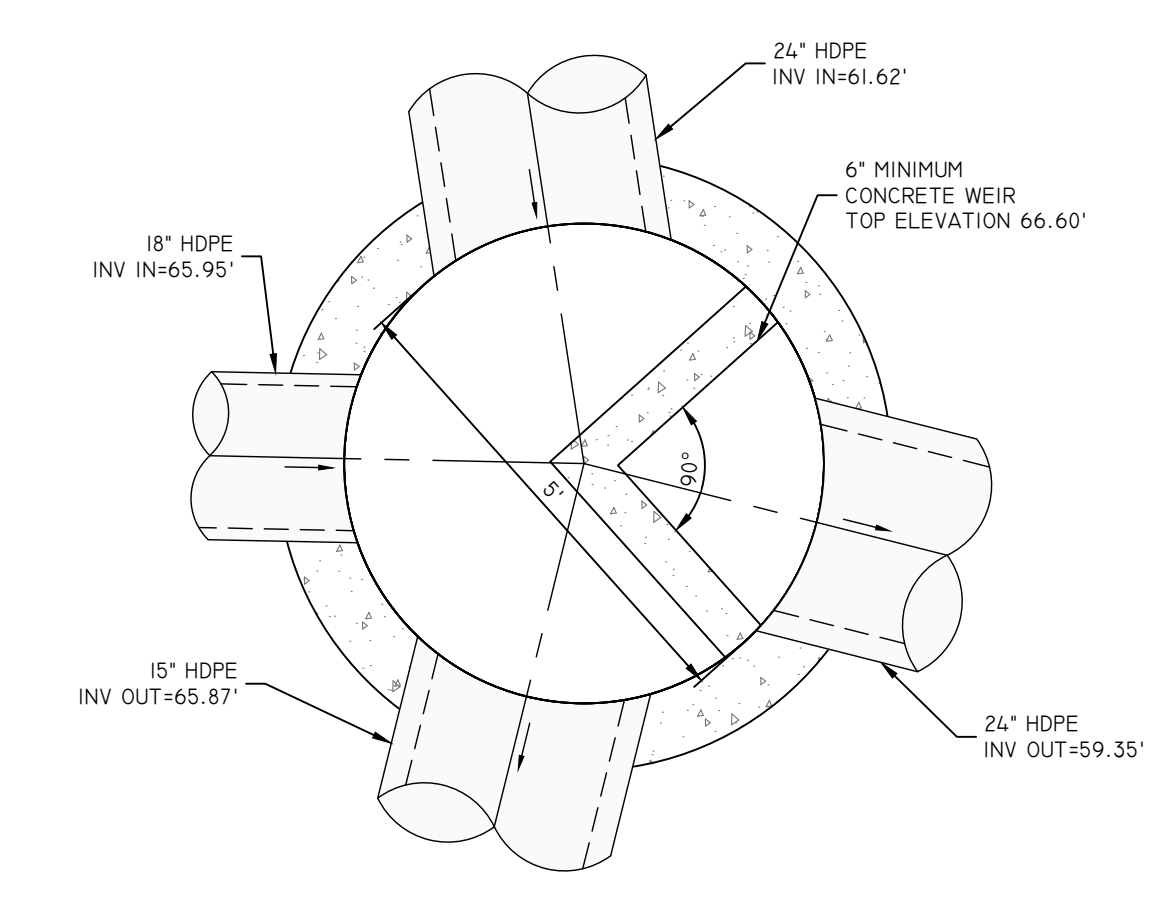


**SECTION B-B  
NOT TO SCALE**



**RIPRAP APRON/ FE DETAIL**  
NOT TO SCALE

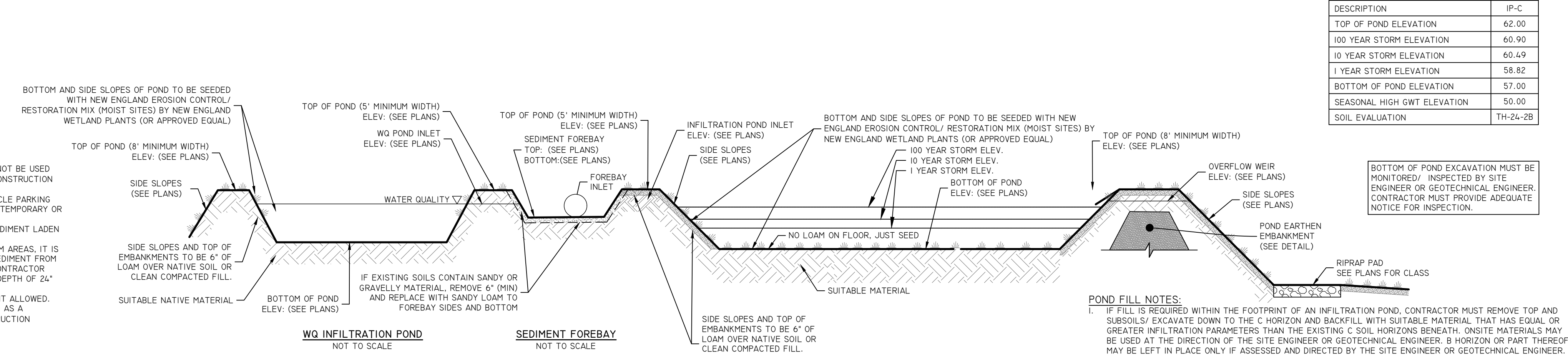
FLARED END	LENGTH	WIDTH	CLASS
FES 12	27	33	R-3
FES 14	15	19	R-2
FES 21	20	25	R-2
FES 24	17	21	R-2



**BYPASS-II (5'Ø MANHOLE)**  
SCALE 1"=2'

DESCRIPTION	WQ-A	WQ-B
TOP OF POND ELEVATION	68.00	62.00
100 YEAR STORM ELEVATION	66.99	61.09
10 YEAR STORM ELEVATION	66.86	60.49
1 YEAR STORM ELEVATION	66.67	60.27
WQ STORM ELEVATION	65.14	59.73
BOTTOM OF POND ELEVATION	63.00	59.00
SEASONAL HIGH GWT ELEVATION	50.00	50.00
SOIL EVALUATION	TH-24-2B	TH-24-1B

- NOTES:**
- LIMITS OF INFILTRATION POND MUST BE STAKED OUT AND MUST NOT BE USED AS A TEMPORARY SEDIMENT BASIN DURING CONSTRUCTION (NO CONSTRUCTION TRAFFIC ALLOWED WITHIN POND LIMITS).
  - INFILTRATION PONDS MUST NOT BE USED FOR STOCKPILING, VEHICLE PARKING OR ANY OTHER ANCILLARY STORING OF OBJECTS OR MATERIALS, TEMPORARY OR PERMANENT, AT ANY TIME.
  - INFILTRATION PONDS MUST BE ADEQUATELY PROTECTED FROM SEDIMENT LADEN RUNOFF DURING CONSTRUCTION.
  - FOLLOWING CONSTRUCTION AND STABILIZATION OF ALL UPSTREAM AREAS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO REMOVE ANY AND ALL SEDIMENT FROM INFILTRATION PONDS. IF SEDIMENT REMOVAL IS REQUIRED THE CONTRACTOR MUST ALSO ROTOTILL THE ENTIRE POND BOTTOM TO A MINIMUM DEPTH OF 24" AND RE-ESTABLISH TO FINAL DESIGN GRADES AND COVER TYPES.
  - SOILS MUST BE TRACKED INTO PLACE. NO COMPACTION EQUIPMENT ALLOWED.
  - LIMITS OF INFILTRATION POND TO BE STAKED OUT AND NOT USED AS A TEMPORARY SEDIMENT BASIN DURING CONSTRUCTION (NO CONSTRUCTION TRAFFIC ALLOWED WITHIN POND LIMITS).



**WQ INFILTRATION POND BMP SYSTEM**  
NOT TO SCALE

**SEDIMENT FOREBAY**  
NOT TO SCALE

**QP INFILTRATION POND**  
NOT TO SCALE

- POND FILL NOTES:**
- IF FILL IS REQUIRED WITHIN THE FOOTPRINT OF AN INFILTRATION POND, CONTRACTOR MUST REMOVE TOP AND SUBSOILS/ EXCAVATE DOWN TO THE C HORIZON AND BACKFILL WITH SUITABLE MATERIAL THAT HAS EQUAL OR GREATER INFILTRATION PARAMETERS THAN THE EXISTING C SOIL HORIZONS BENEATH. ONSITE MATERIALS MAY BE USED AT THE DIRECTION OF THE SITE ENGINEER OR GEOTECHNICAL ENGINEER. B HORIZON OR PART THEREOF MAY BE LEFT IN PLACE ONLY IF ASSESSED AND DIRECTED BY THE SITE ENGINEER OR GEOTECHNICAL ENGINEER.
  - FILL OPERATIONS MUST BE MONITORED BY THE SITE ENGINEER OR GEOTECHNICAL ENGINEER. CONTRACTOR MUST PROVIDE ADEQUATE NOTICE PRIOR TO FILLING.

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NO.	DATE	DESCRIPTION	F.A.	P.C.R.	D.T.
00-10-2022		PRELIMINARY PLAN SUBMISSION			
02-22-2022		PRELIMINARY PLAN SUBMISSION			

DESIGN BY: F.L.W.

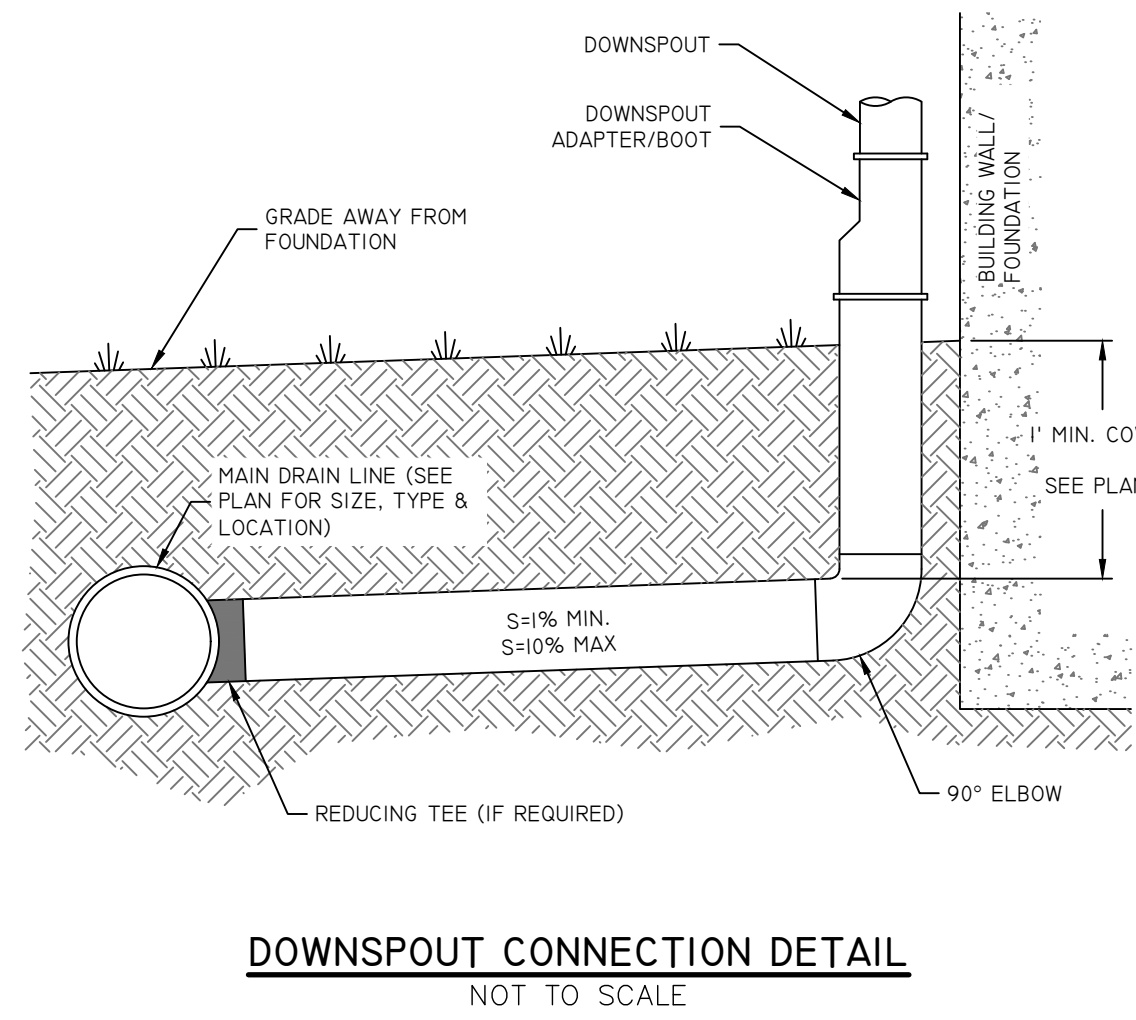
**BMP DETAIL SHEET**

**NEW PROVIDENCE BUSINESS PARK**  
ASSESSOR'S PLAT 078 LOT 457  
PROVIDENCE, RHODE ISLAND

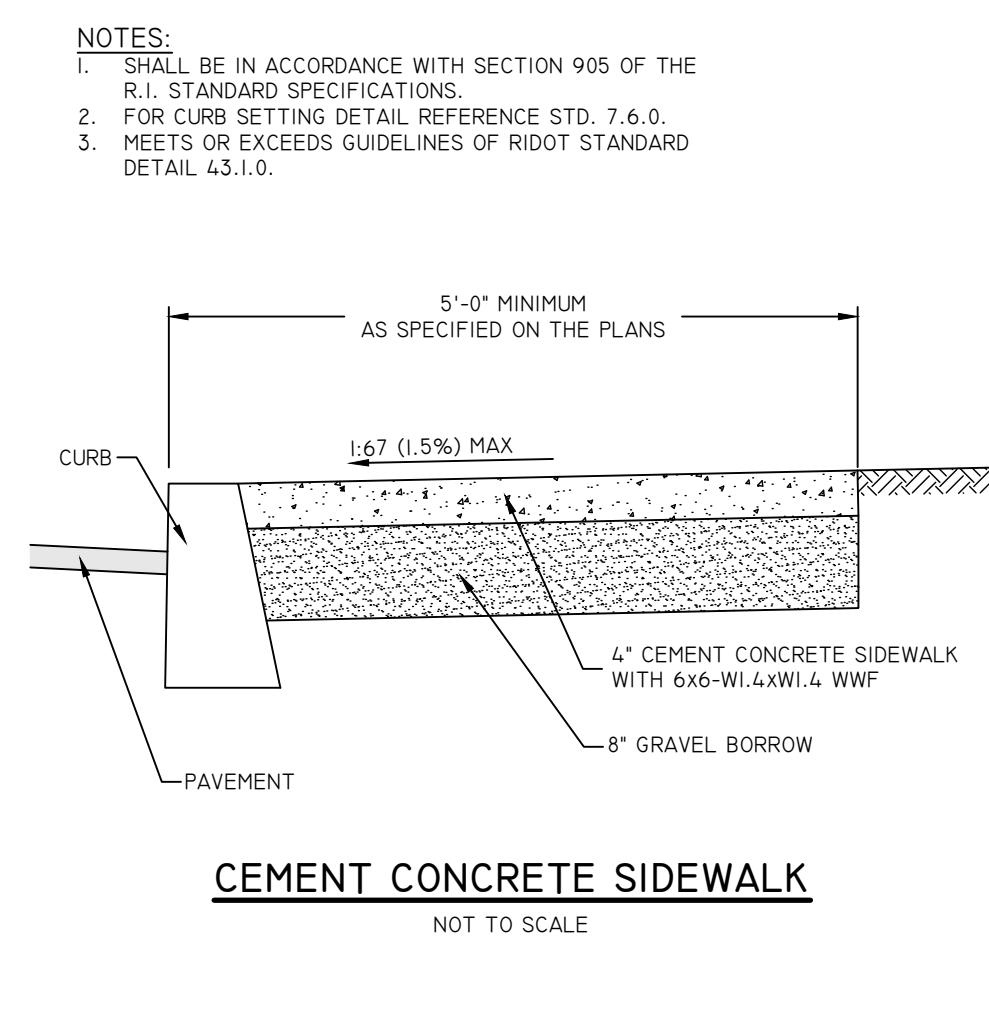
PREPARED FOR:  
**COLLEGE HILL DEVELOPMENT, LLC**  
10 GREENE STREET, PROVIDENCE, RHODE ISLAND 02904

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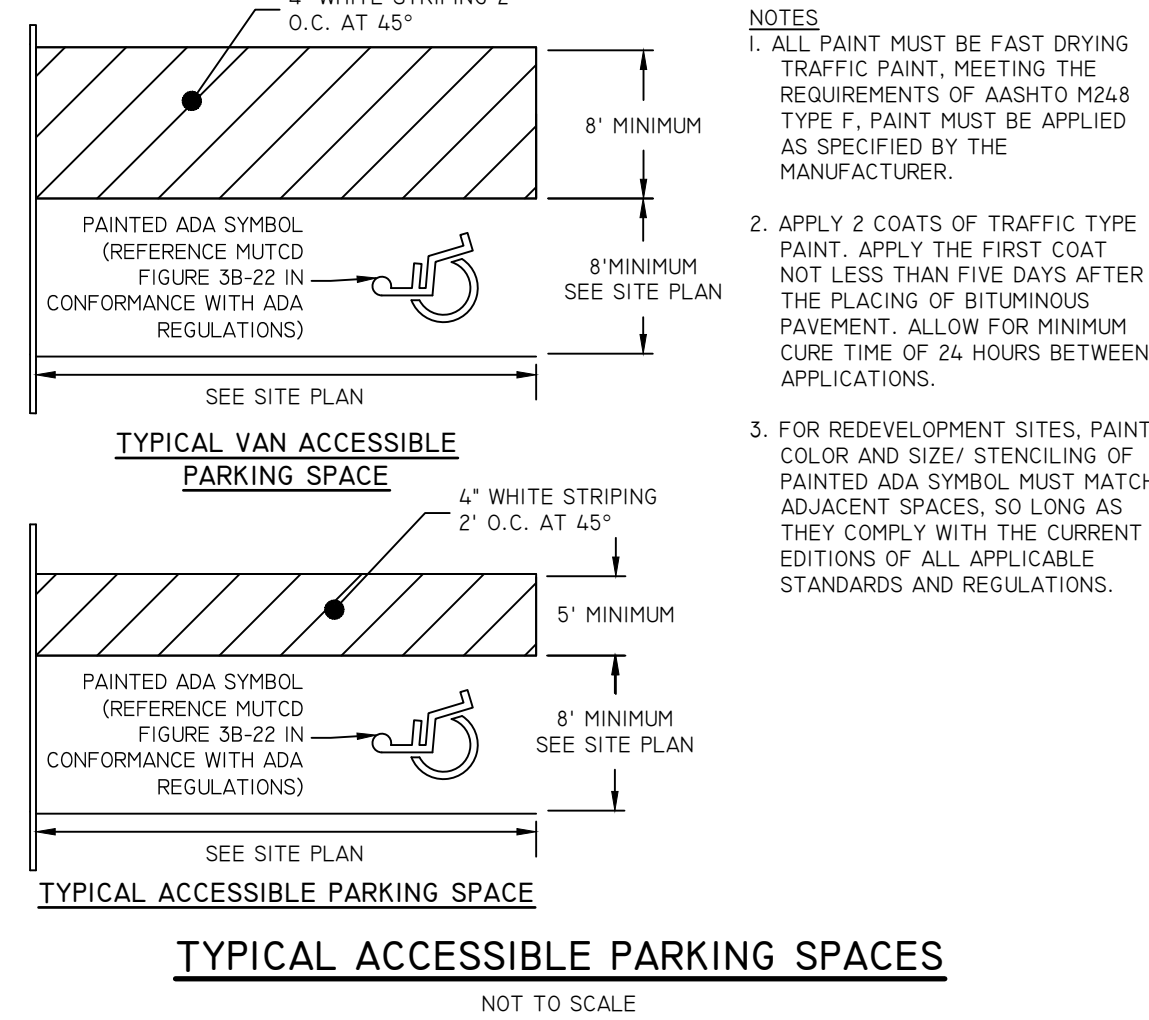
SHEET **8** OF 12



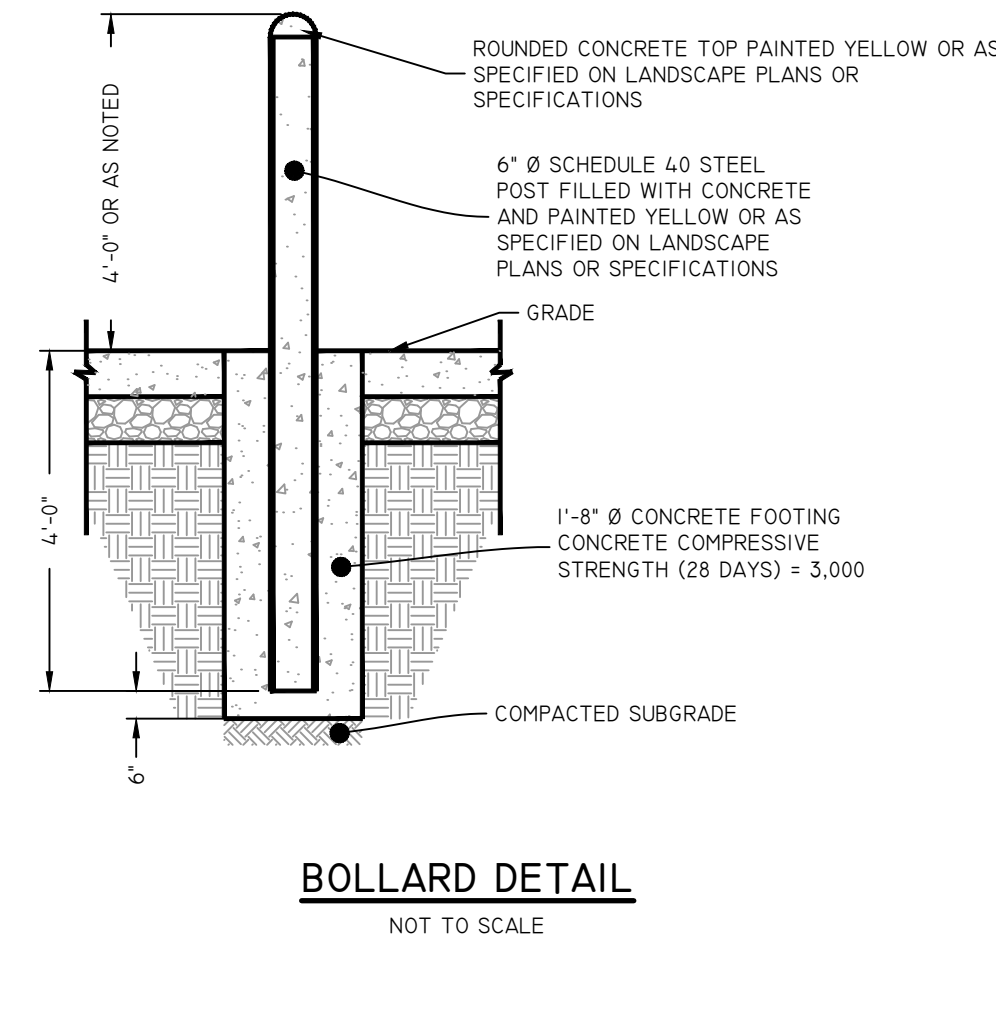
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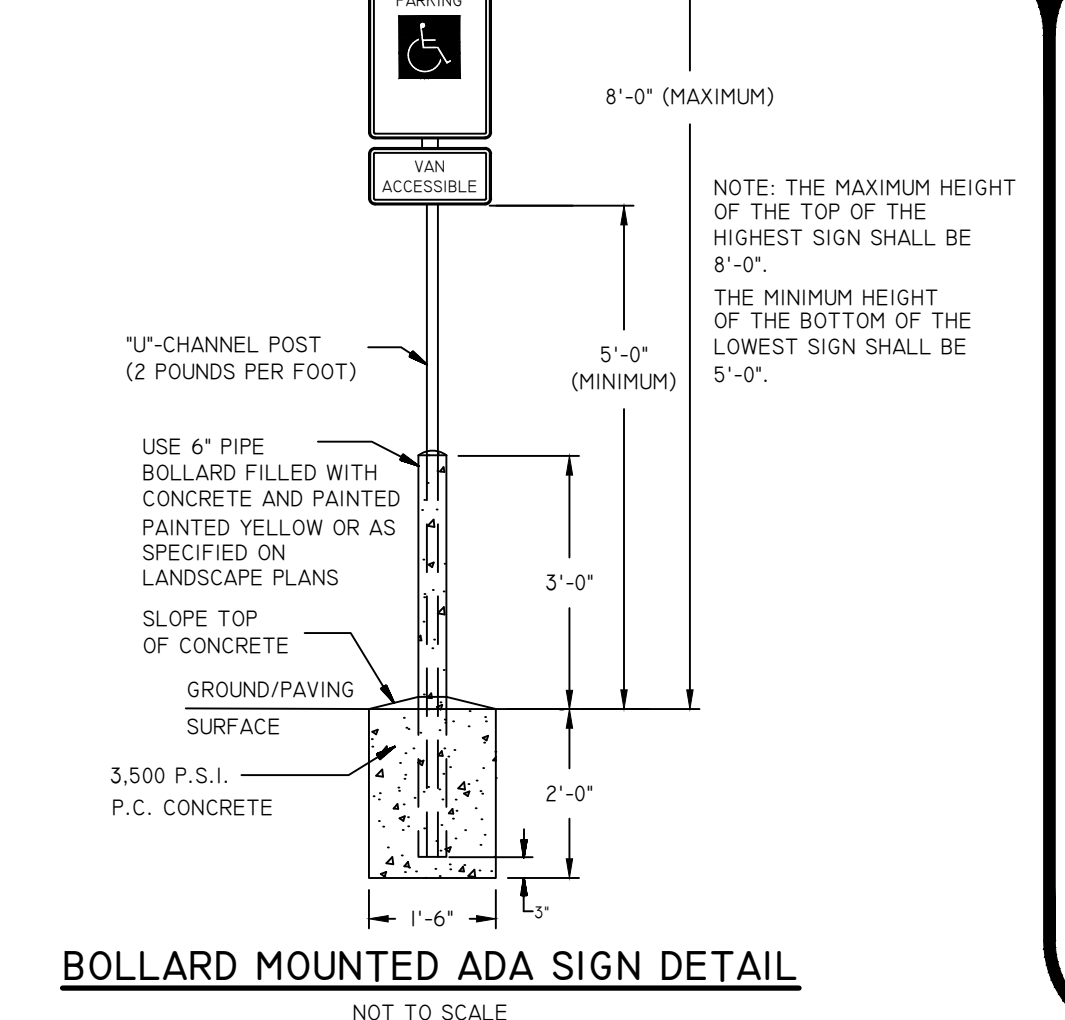
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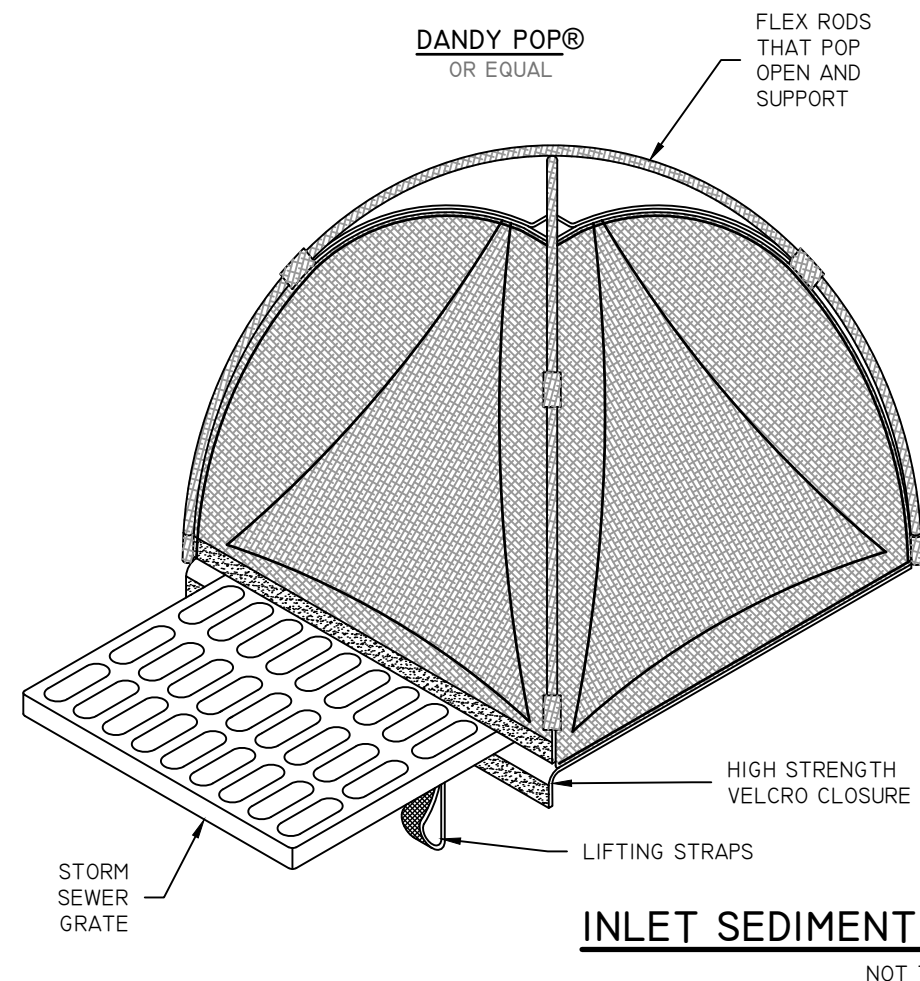
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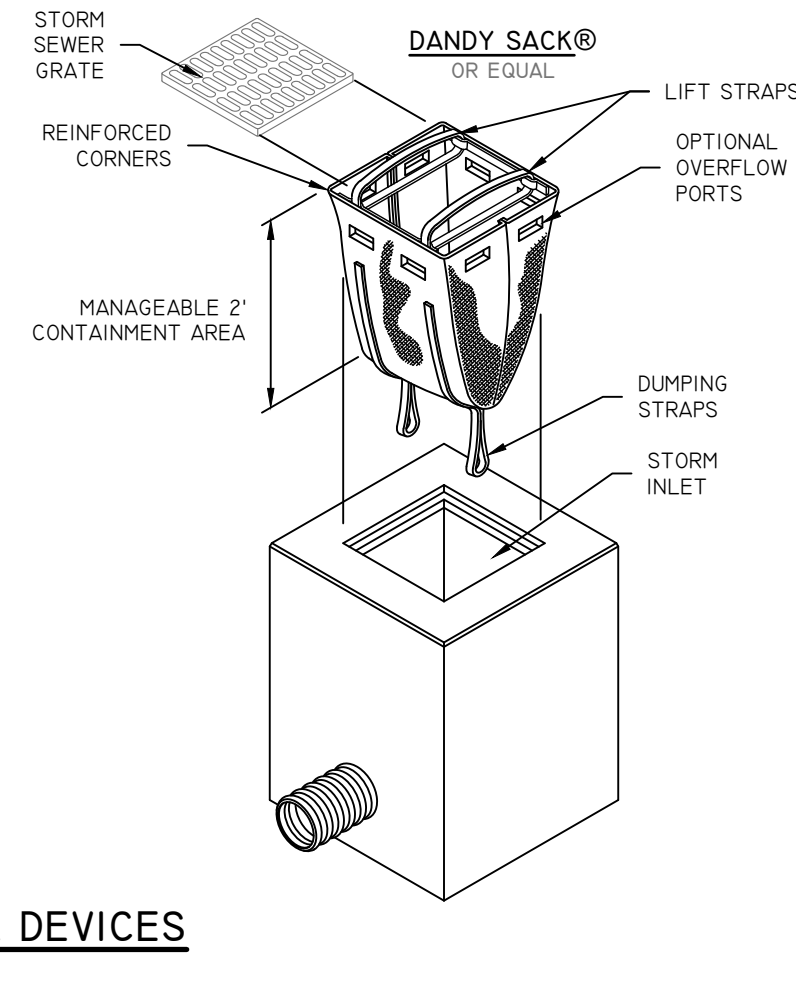
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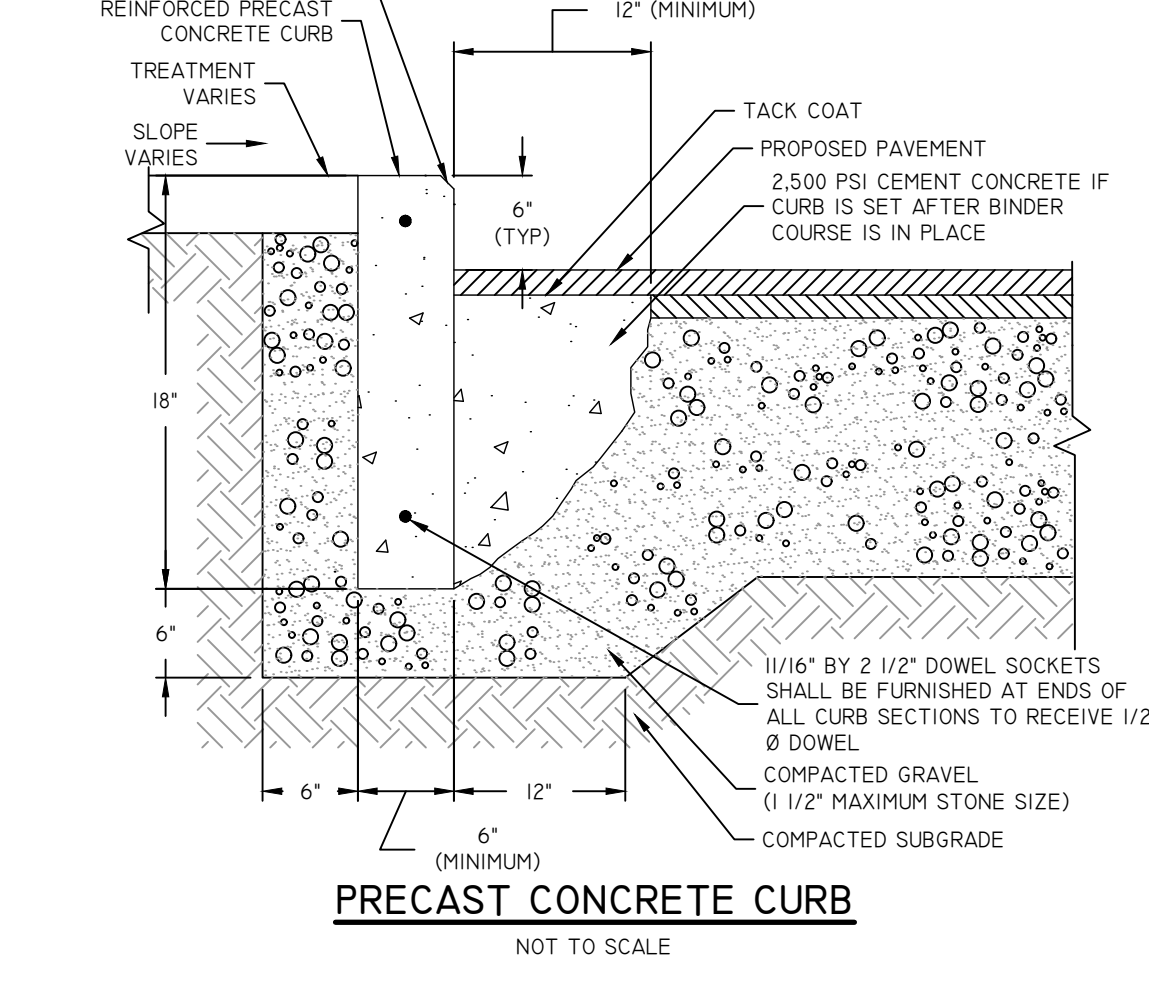
**BOLLARD MOUNTED ADA SIGN DETAIL**  
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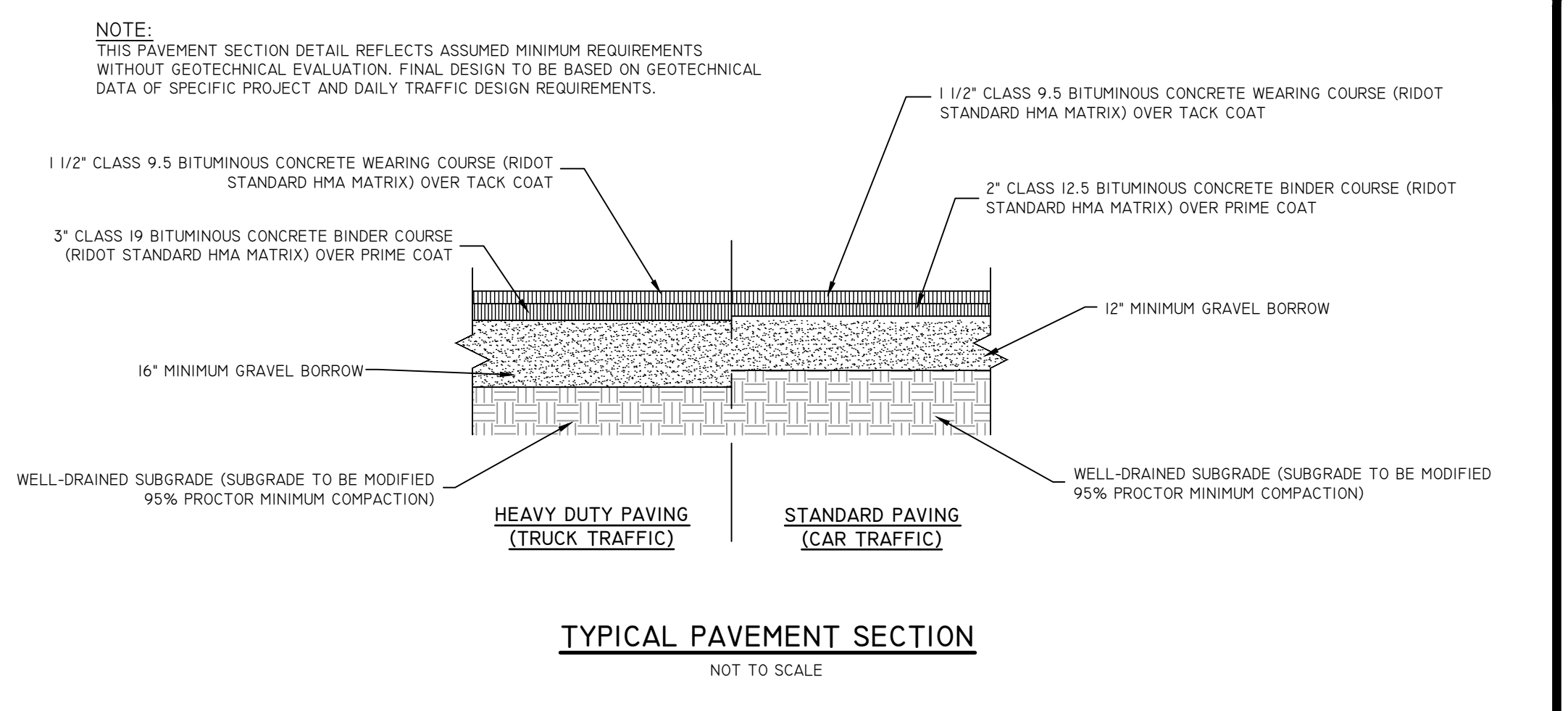
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NOT TO SCALE



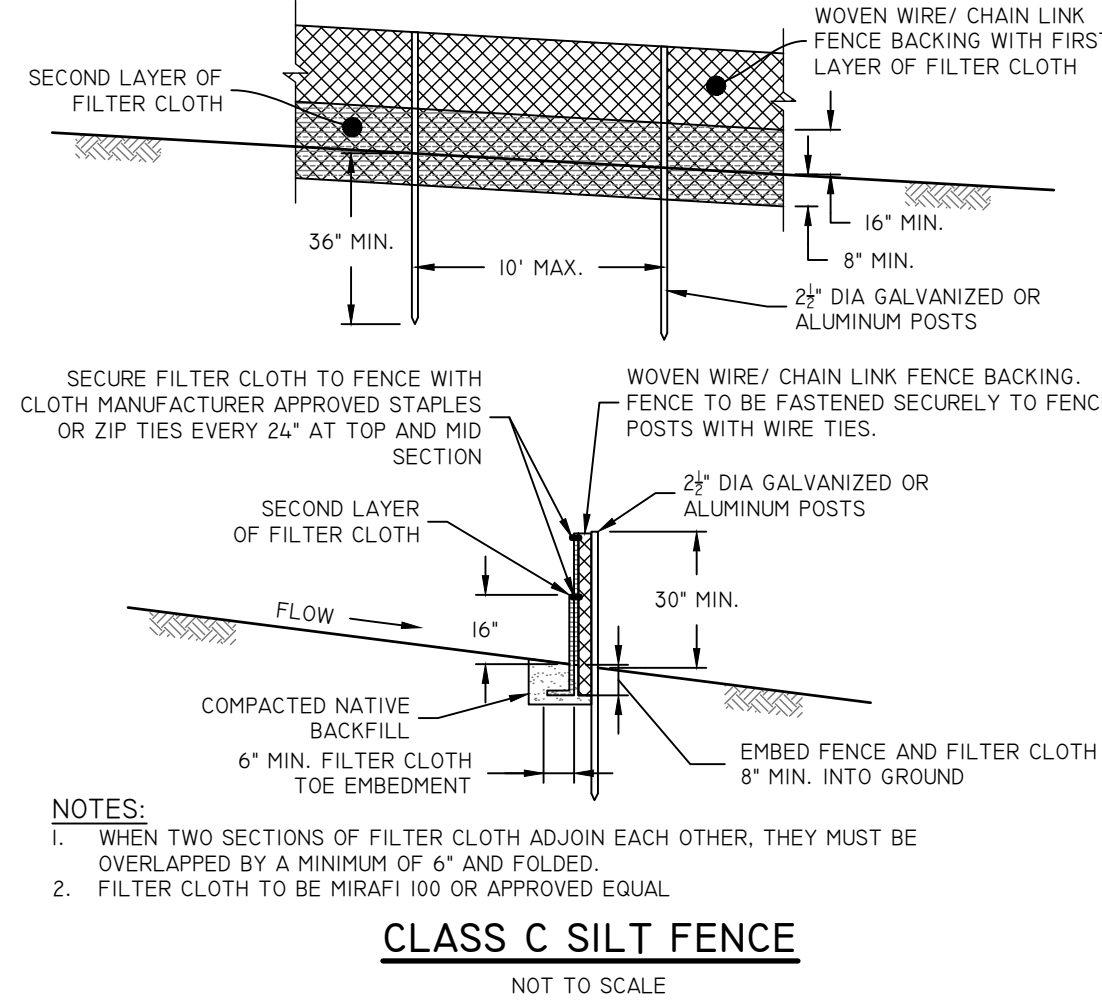
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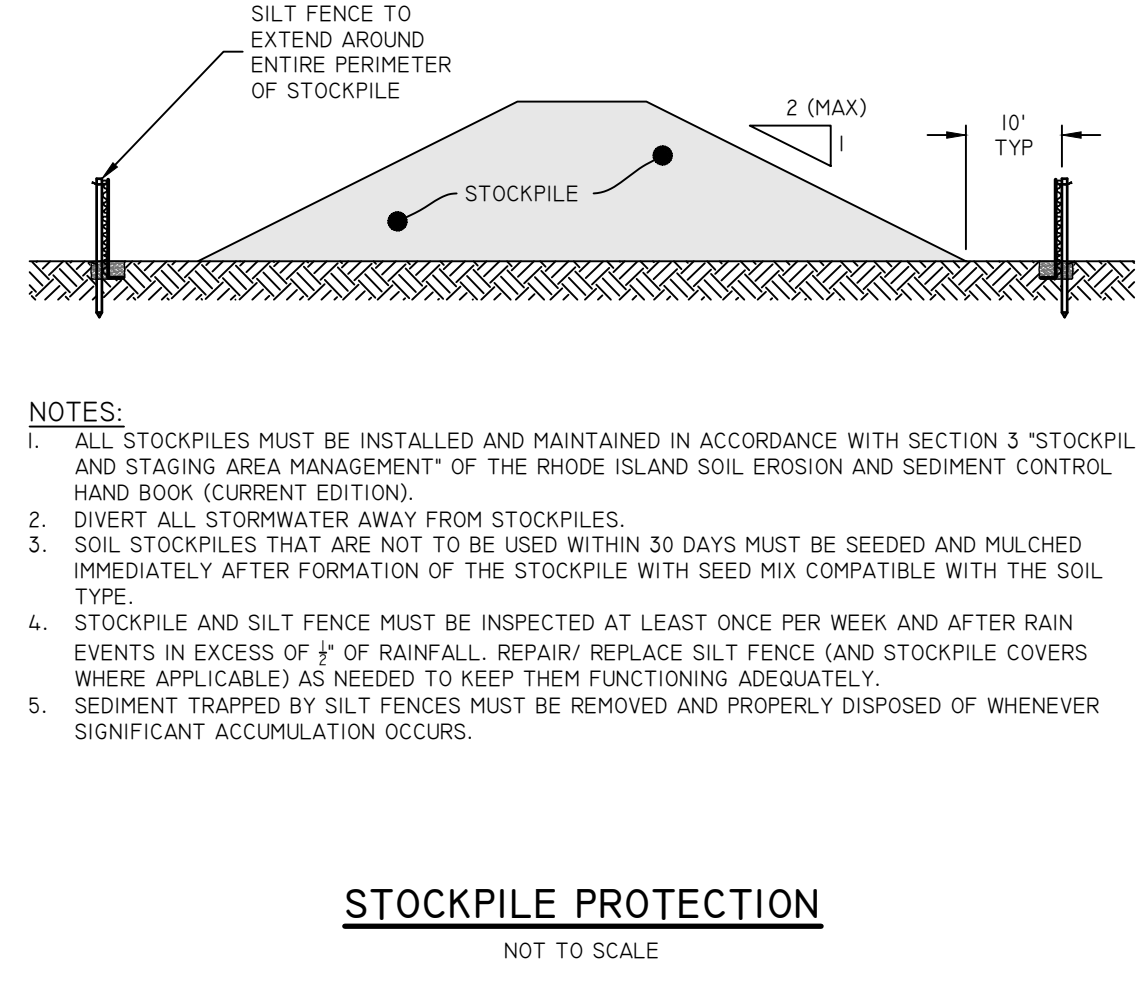
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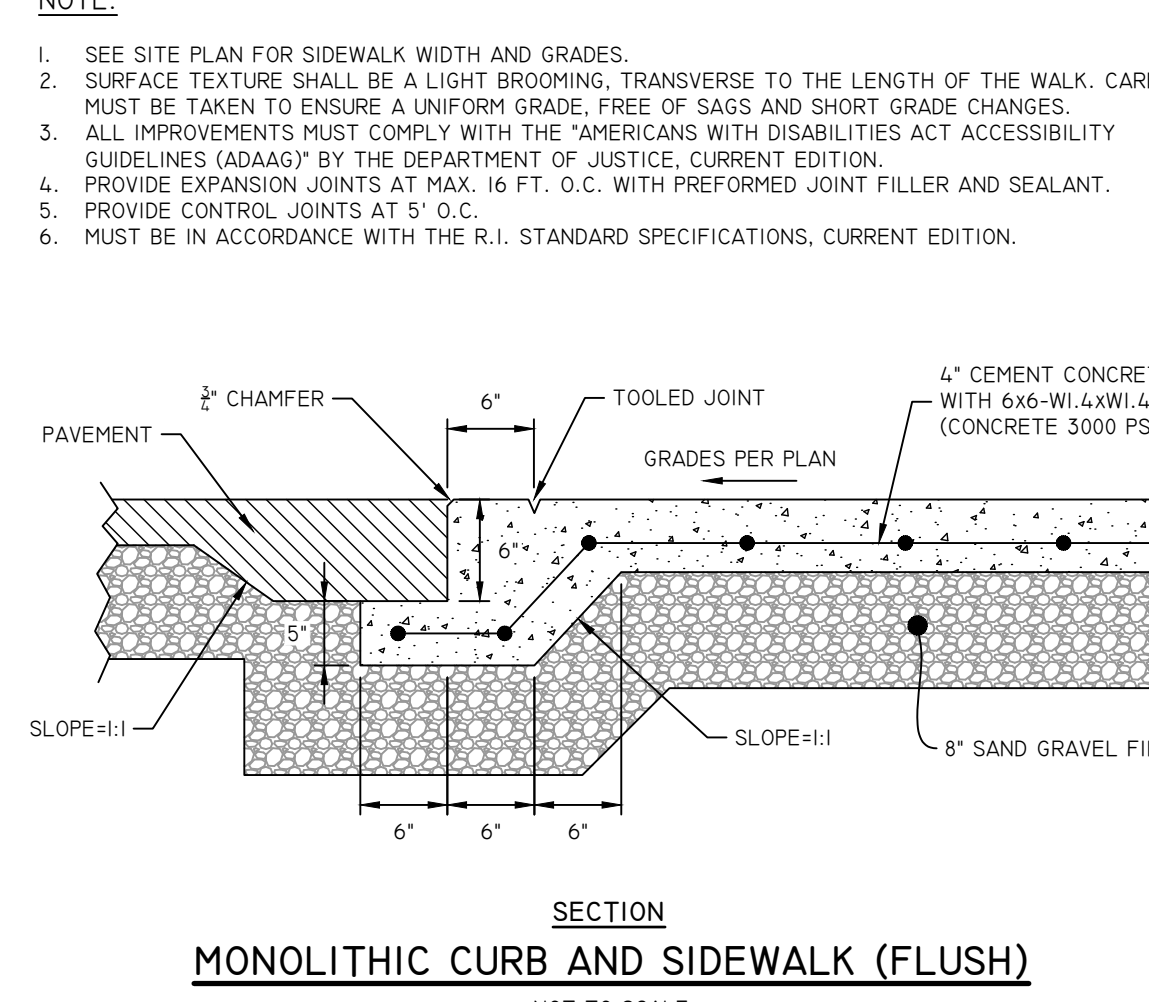
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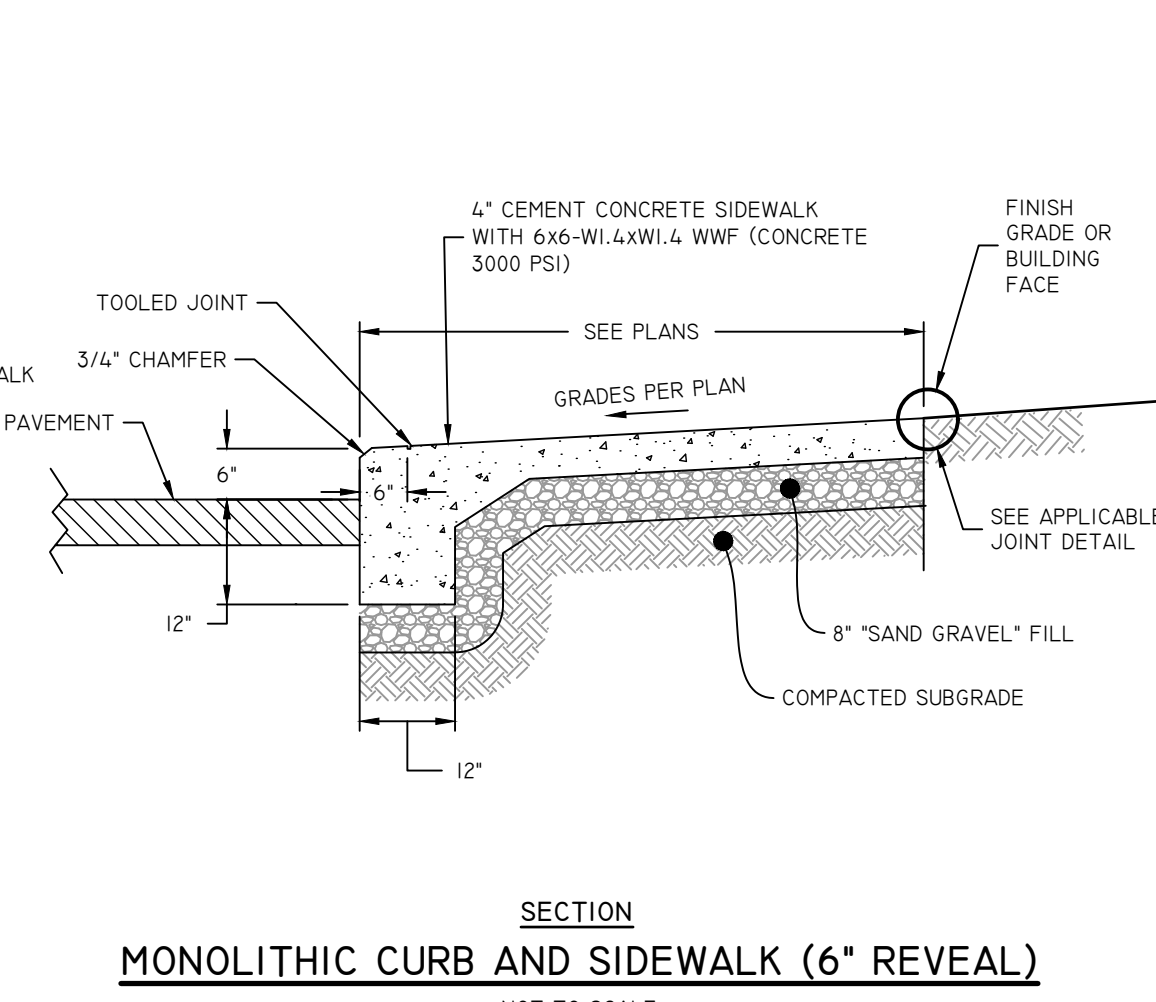
**CLASS C SILT FENCE**  
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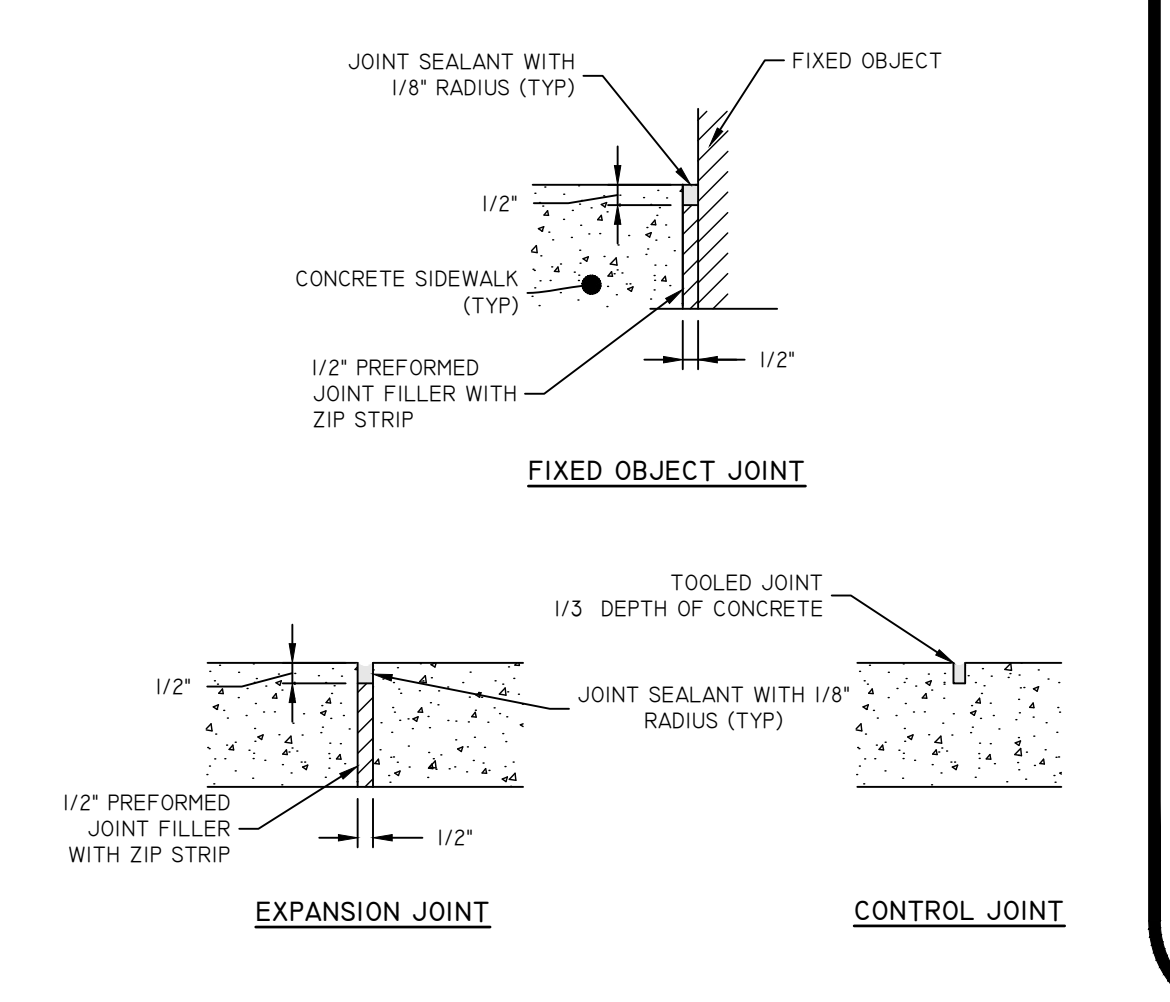
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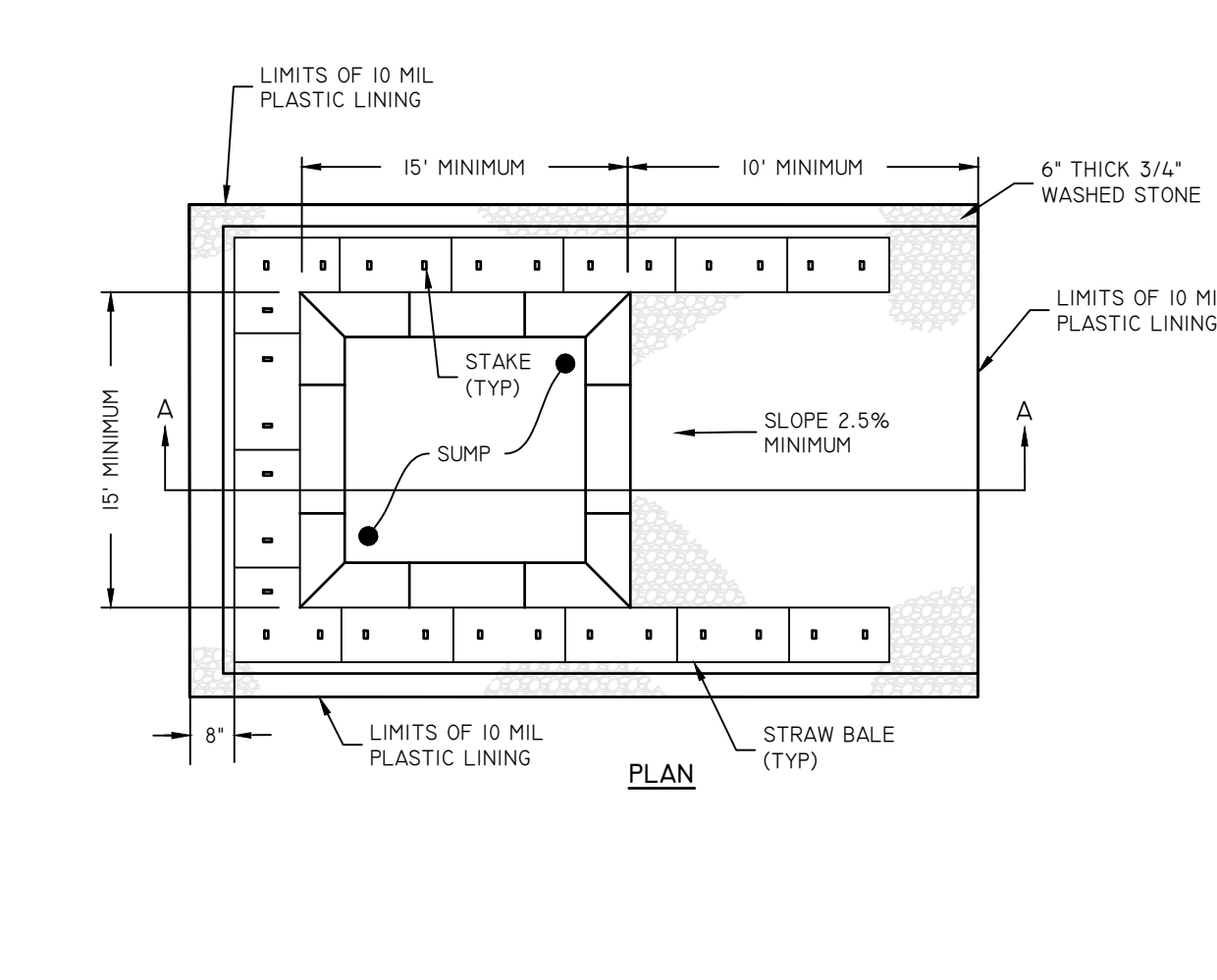
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NOT TO SCALE



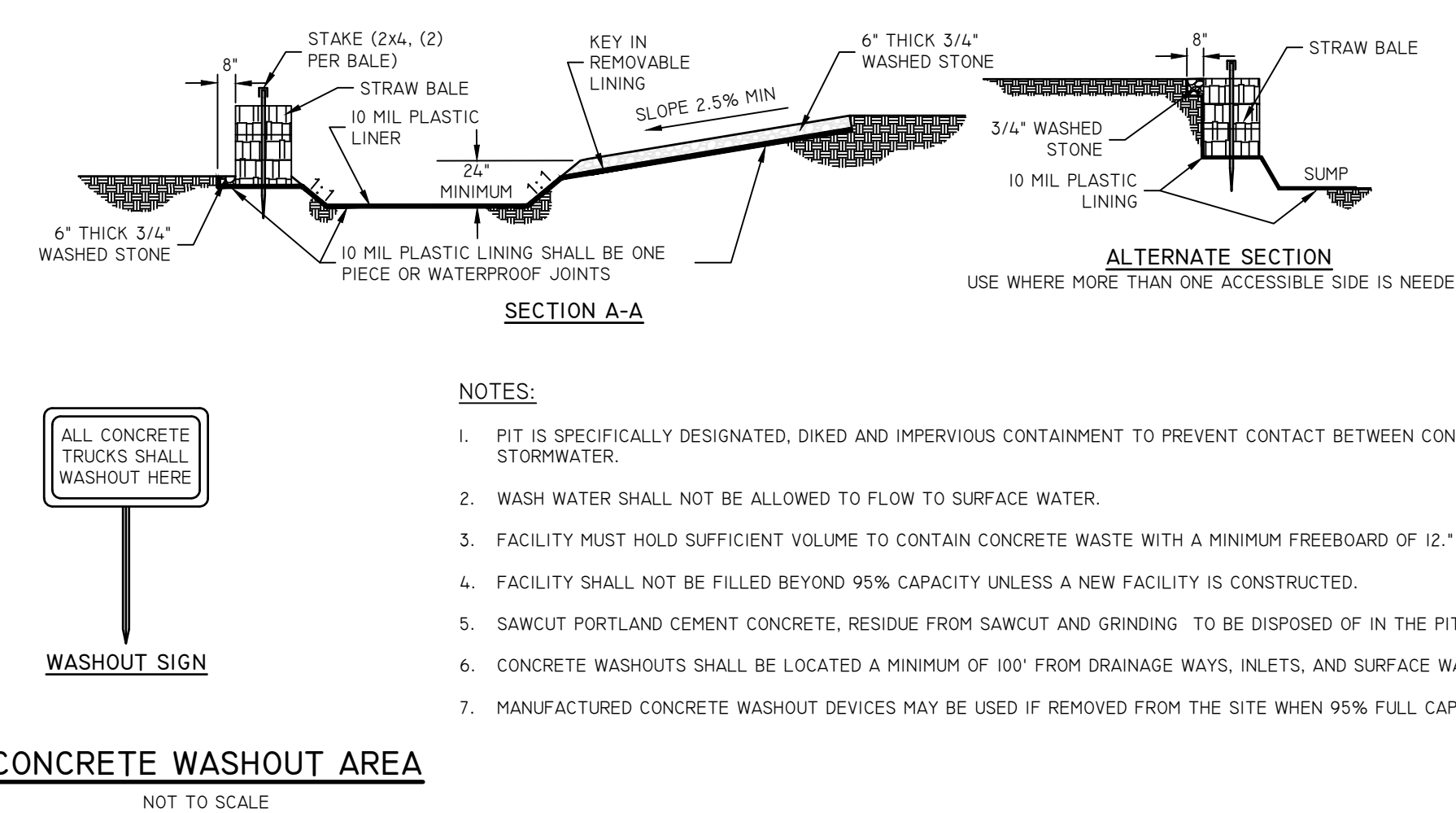
**SECTION MONOLITHIC CURB AND SIDEWALK (6\"/>**



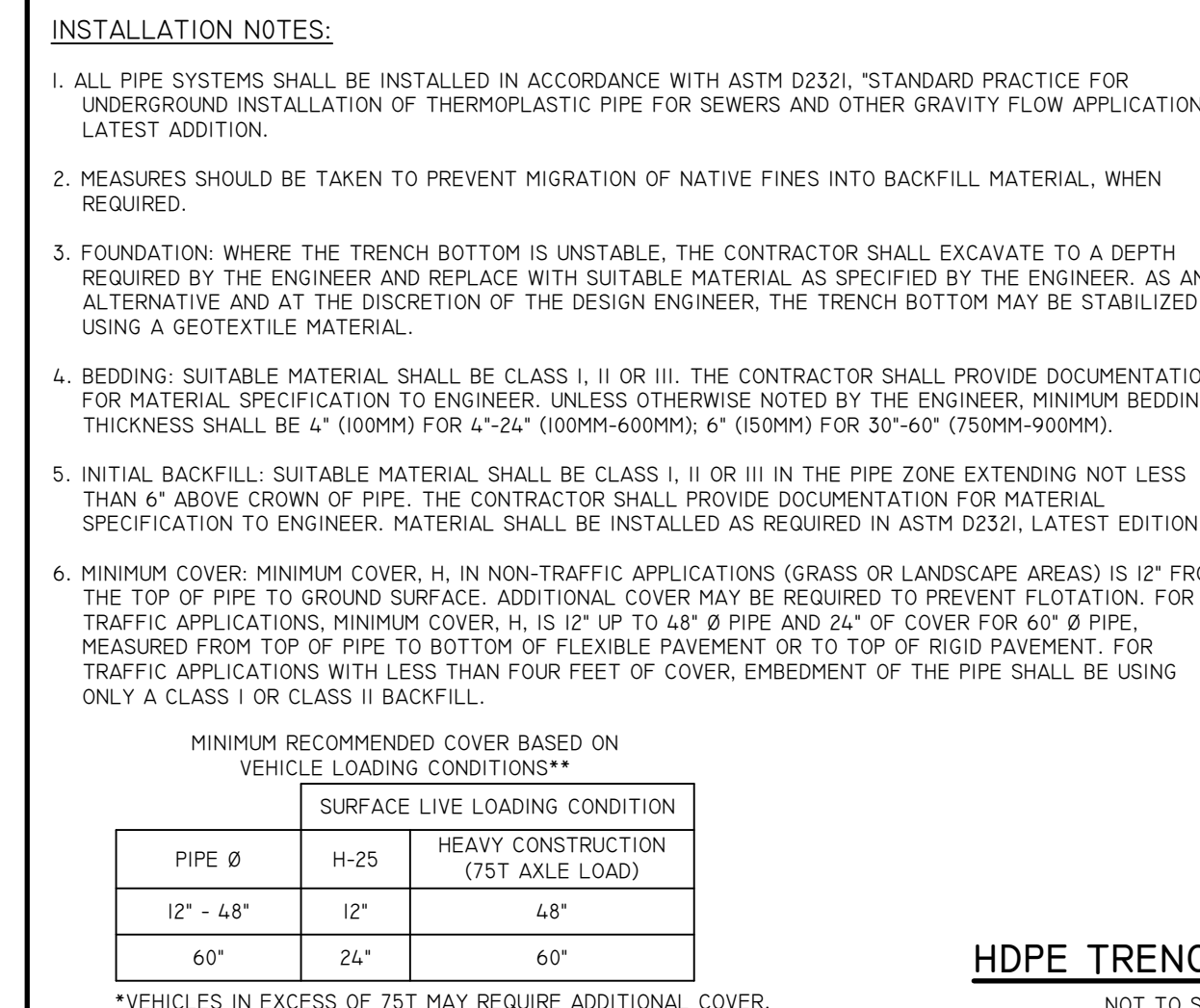
**EXPANSION JOINT CONTROL JOINT**



**CONCRETE WASHOUT AREA**  
NOT TO SCALE



**WASHOUT SIGN**  
NOT TO SCALE



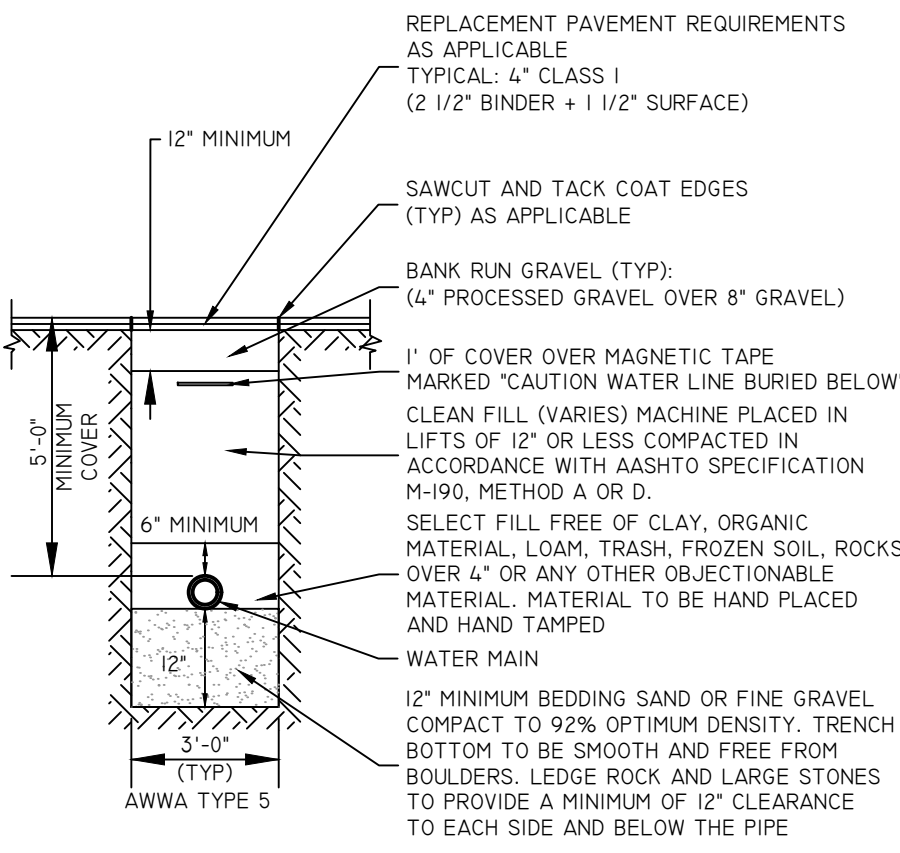
**HDPE TRENCH DETAIL**  
NOT TO SCALE

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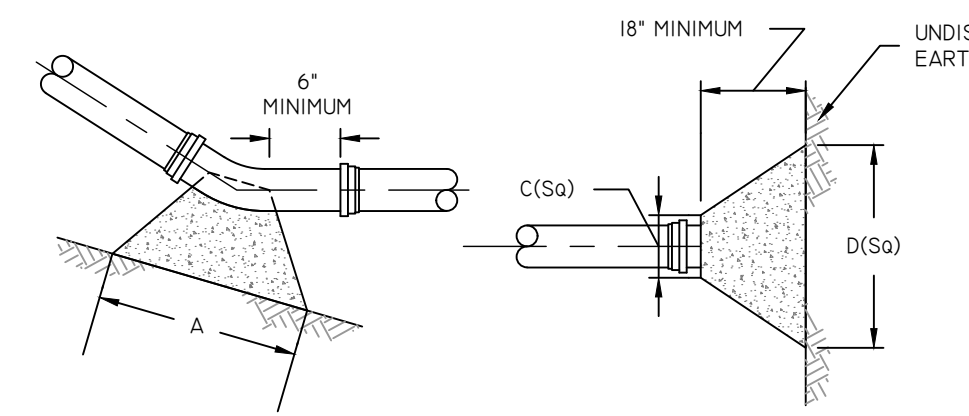
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DESIGN BY: J.W.S.  
DATE: 06-20-2024  
SUBMISSION: PRELIMINARY PLAN SUBMISSION  
DATE: 06-20-2024  
SUBMISSION: PRELIMINARY PLAN SUBMISSION  
DATE: 06-20-2024  
SUBMISSION: PRELIMINARY PLAN SUBMISSION

**DETAIL SHEET - I**  
NEW PROVIDENCE BUSINESS PARK  
ASSessor'S PLAT 078 LOT 457  
PROVIDENCE, RHODE ISLAND  
PREPARED FOR:  
COLLEGE HILL DEVELOPMENT, LLC  
10 GREENE STREET, PROVIDENCE, RHODE ISLAND 02904  
SHEET 9 OF 12



**WATER TRENCH DETAIL**  
NOT TO SCALE

- NOTES:**
- ALL CONCRETE SHALL BE 4,000 P.S.I. @ 28 DAYS
  - CONCRETE THRUST BLOCKS SHALL BEAR AGAINST UNDISTURBED EARTH
  - FORMS TO BE USED AS NECESSARY
  - ALL BOLTS AND NUTS TO BE PROTECTED FROM CONCRETE AND EASILY ACCESSIBLE WHEN THRUST BLOCK INSTALLED
  - REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF RHODE ISLAND SHALL VERIFY CALCULATIONS DURING DESIGN TO MEET CONDITIONS OF PROJECT.

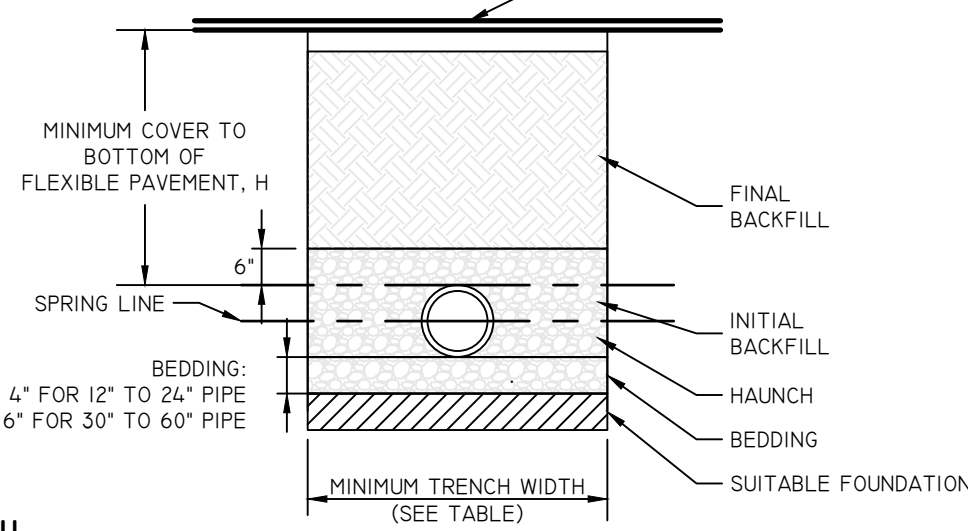


**THRUST BLOCK**  
NOT TO SCALE

SIZE	TEES				90° BEND				45° BEND				22.5° BEND				11.25° BEND			
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B		
6"	20"	10"	10"	21"	24"	12"	18"	18"	9"	15"	7"	9"	9"	5"						
8"	26"	13"	12"	26"	32"	16"	24"	24"	12"	17"	9"	12"	12"	6"						
10"	34"	17"	16"	34"	40"	20"	30"	30"	15"	22"	11"	15"	15"	8"						
12"	44"	20"	16"	44"	64"	24"	35"	35"	18"	25"	13"	18"	18"	9"						
16"	54"	27"	20"	54"	64"	32"	47"	47"	23"	34"	17"	24"	24"	12"						

- INSTALLATION NOTES:**
- ALL PIPE SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D2321, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS, LATEST EDITION.
  - MEASURES SHOULD BE TAKEN TO PREVENT MIGRATION OF NATIVE FINES INTO BACKFILL MATERIAL, WHEN REQUIRED.
  - FOUNDATION: WHERE THE TRENCH BOTTOM IS UNSTABLE, THE CONTRACTOR SHALL EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH SUITABLE MATERIAL, AS SPECIFIED BY THE ENGINEER, AS AN ALTERNATIVE AND AT THE DISCRETION OF THE DESIGN ENGINEER, THE TRENCH BOTTOM MAY BE STABILIZED USING A GEOTEXTILE MATERIAL.
  - BEDDING: SUITABLE MATERIAL SHALL BE CLASS I, II OR III. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER, UNLESS OTHERWISE NOTED BY THE ENGINEER, MINIMUM BEDDING THICKNESS SHALL BE 4" (100MM) FOR 4"-24" (100MM-600MM), 6" (150MM) FOR 30"-60" (750MM-900MM).
  - INITIAL BACKFILL: SUITABLE MATERIAL SHALL BE CLASS I, II OR III IN THE PIPE ZONE EXTENDING NOT LESS THAN 6' ABOVE CROWN OF PIPE. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR MATERIAL SPECIFICATION TO ENGINEER. MATERIAL SHALL BE INSTALLED AS REQUIRED IN ASTM D2321, LATEST EDITION.
  - MINIMUM COVER: MINIMUM COVER, H, IN NON-TRAFFIC APPLICATIONS (GRASS OR LANDSCAPE AREAS) IS 12" FROM THE TOP OF PIPE TO GROUND SURFACE. ADDITIONAL COVER MAY BE REQUIRED TO PREVENT FLOTATION. FOR TRAFFIC APPLICATIONS, MINIMUM COVER, H, IS 12" UP TO 48" Ø PIPE AND 24" OF COVER FOR 60" Ø PIPE. MEASURED FROM TOP OF PIPE TO BOTTOM OF FLEXIBLE PAVEMENT OR TO TOP OF RIGID PAVEMENT. FOR TRAFFIC APPLICATIONS WITH LESS THAN FOUR FEET OF COVER, EMBEDMENT OF THE PIPE SHALL BE USING ONLY A CLASS I OR CLASS II BACKFILL.

PIPE Ø	MIN. TRENCH WIDTH	PIPE Ø	MIN. TRENCH WIDTH
4"	21"	24"	48"
6"	23"	30"	56"
8"	26"	36"	64"
10"	28"	42"	72"
12"	30"	48"	80"
15"	36"	60"	96"
18"	39"		

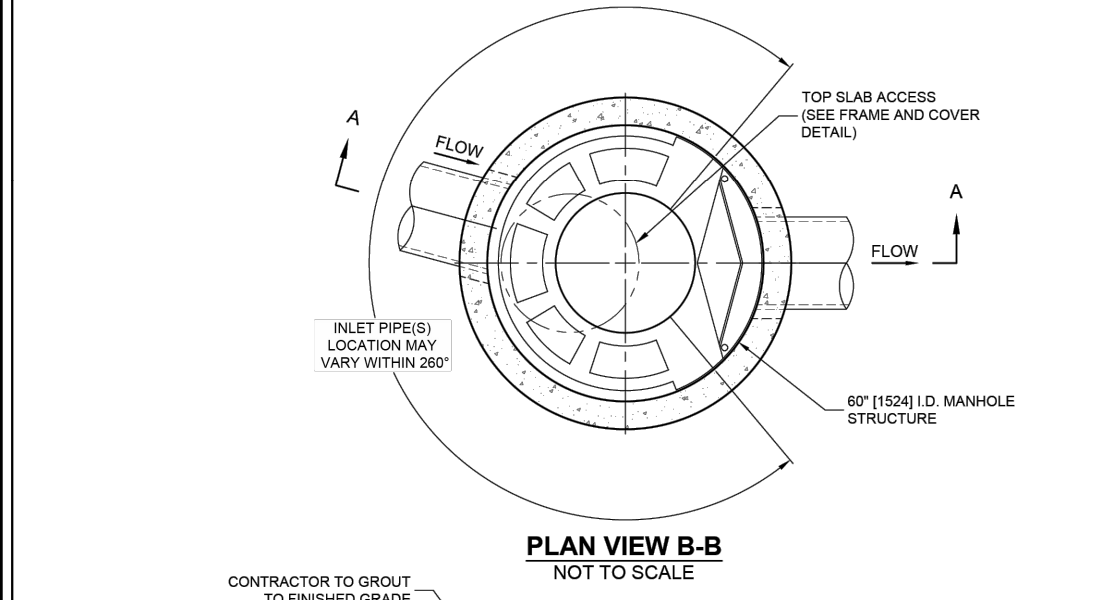


**HDPE TRENCH DETAIL**  
NOT TO SCALE

MINIMUM RECOMMENDED COVER BASED ON VEHICLE LOADING CONDITIONS\*\*

PIPE Ø	SURFACE LIVE LOADING CONDITION	
	H-25	HEAVY CONSTRUCTION (75T AXLE LOAD)
12" - 48"	12"	48"
60"	24"	60"

\*\*VEHICLES IN EXCESS OF 75T MAY REQUIRE ADDITIONAL COVER.  
\*\*SEE BACKFILL REQUIREMENTS IN NOTE 6.



**PLAN VIEW B-B**  
NOT TO SCALE

**CASCADE SEPARATOR DESIGN NOTES**

THE STANDARD CS-5 CONFIGURATION IS SHOWN. ALTERNATE CONFIGURATIONS ARE AVAILABLE AND ARE LISTED BELOW. SOME CONFIGURATIONS MAY BE COMBINED TO SUIT SITE REQUIREMENTS.

**CONFIGURATION DESCRIPTION**

GRATED INLET ONLY (NO INLET PIPE)

GRATED INLET WITH INLET PIPE OR PIPES

CURB INLET ONLY (NO INLET PIPE)

CURB INLET WITH INLET PIPE OR PIPES

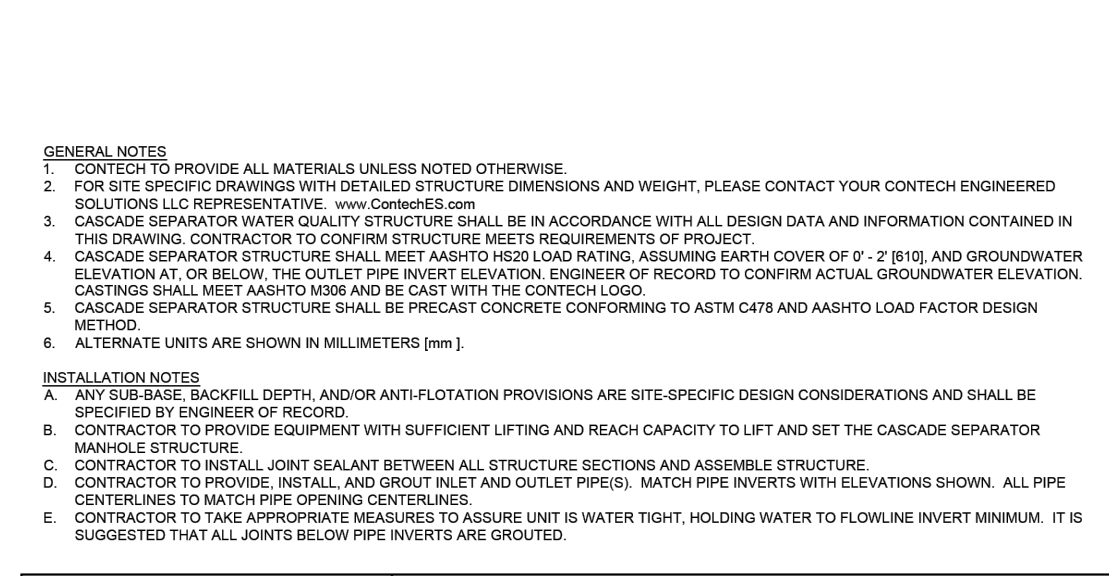
**SITE SPECIFIC DATA REQUIREMENTS**

STRUCTURE ID	WATER QUALITY FLOW RATE (GAL/LIN)	PEAK FLOW RATE (GAL/LIN)	RETENTION PERIOD OF PEAK FLOW (MIN)	RIM ELEVATION

**PIPE DATA**

PIPE DATA	INVERT	MATERIAL	DIAMETER
INLET PIPE 1			
INLET PIPE 2			
OUTLET PIPE			

NOTES/SPECIAL REQUIREMENTS:



**FRAME AND COVER**  
DIAMETER VARIES  
NOT TO SCALE

**GENERAL NOTES:**

- CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE
- FOR THE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. [www.contech.com](http://www.contech.com)
- CASCADE SEPARATOR WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
- CASCADE SEPARATOR STRUCTURE SHALL MEET AASHTO H2010 RATING ASSUMING EARTH COVER OF 9' ± 8" (8) AND GROUNDWATER ELEVATION AT OR BELOW THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL MEET AASHTO H2010 AND BE CAST WITH THE CONTECH LOGO.
- CASCADE SEPARATOR STRUCTURE SHALL BE PRECAST CONCRETE conforming to ASTM C478 AND AASHTO LOAD FACTOR DESIGN METHOD.
- ALTERNATE UNITS ARE SHOWN IN MILLIMETERS [mm]

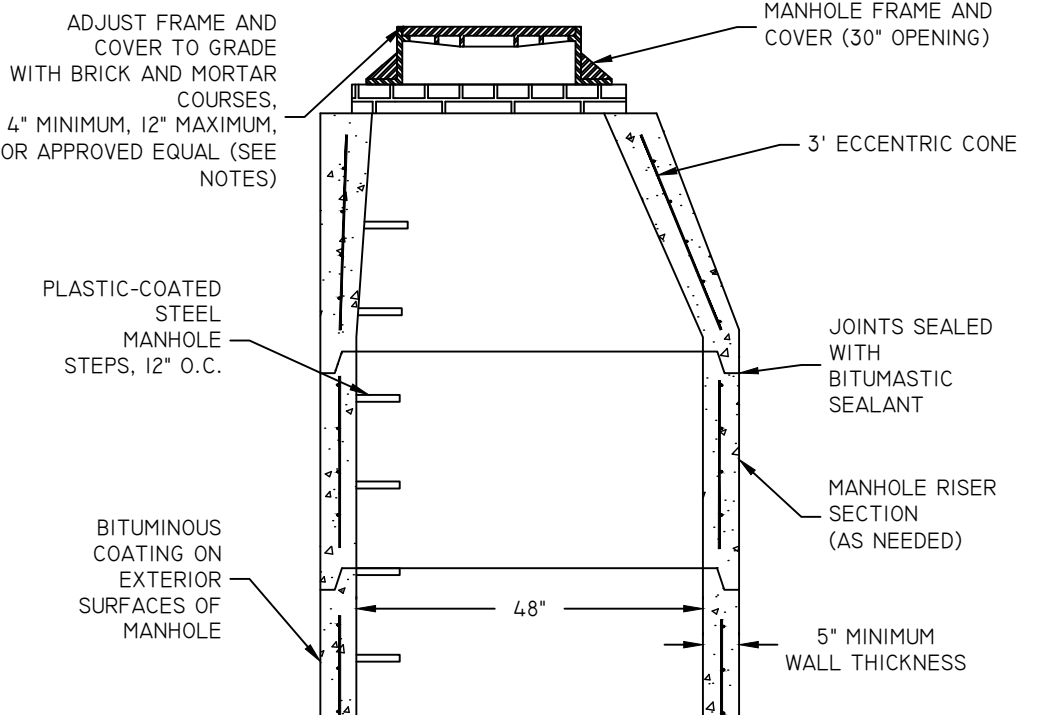
**INSTALLATION NOTES:**

- ANY SUBSIDIARY SCAFFOLD DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CASCADE SEPARATOR MANHOLE STRUCTURE.
- CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
- CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET AND OUTLET PIPES. MATCH PIPE INVERTS WITH ELEVATIONS SHOWN. ALL PIPE CENTERLINES TO MATCH FIRE OPENING CENTERLINES.
- CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

**CONTECH ENGINEERED SOLUTIONS LLC**  
www.contech.com  
9021 Corbin Park Dr., Suite 400, West Chester, OH 45380  
937.636.1522 937.646.7000 937.646.7997 FAX

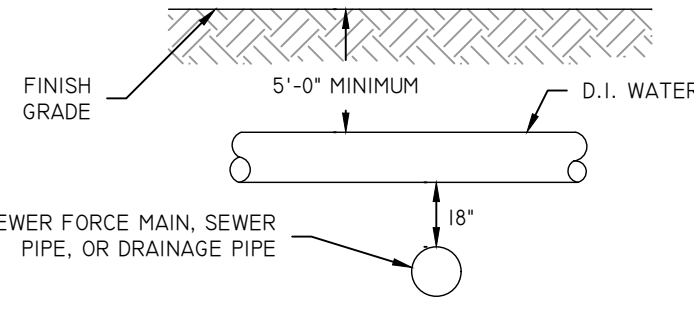
**CS-5 CASCADE SEPARATOR STANDARD DETAIL**

- NOTES:**
- MANHOLE SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM-C478.
  - INVERT AND TABLE SHALL CONSIST ENTIRELY OF BRICK AND MORTAR. NO SAND FILLER SHALL BE ALLOWED.
  - MANHOLES SHALL BE VACUUM TESTED PRIOR TO ACCEPTANCE, IN ACCORDANCE WITH THE SEWER AUTHORITY SANITARY RULES AND REGULATIONS. UNDER NO CIRCUMSTANCES WILL EXFILTRATION TESTING BE ACCEPTED.
  - TAPPING OF MANHOLES MUST BE AUTHORIZED AND INSPECTED BY THE SEWER AUTHORITY. THE ONLY APPROVED METHOD FOR TAPPING MANHOLES SHALL BE BY CORE-DRILLING THE MANHOLE AND INSTALLING A "KOR-N-SEAL" BOOT.
  - PRECAST CONCRETE GRADE RINGS, HDPE GRADE RINGS, OR OTHER RIM ADJUSTMENT PRODUCTS MAY BE USED IN LIEU OF BRICK AND MORTAR WITH THE PERMISSION OF THE SEWER AUTHORITY.

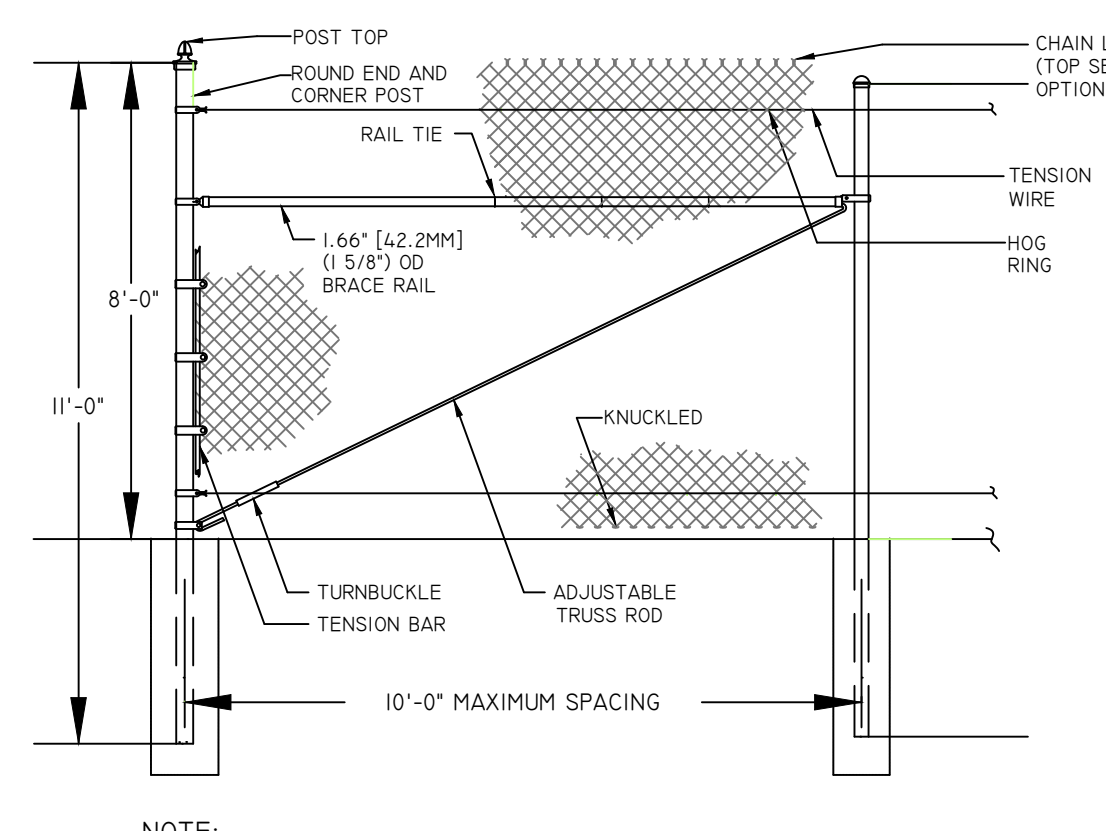


**SEWER MANHOLE**  
NOT TO SCALE

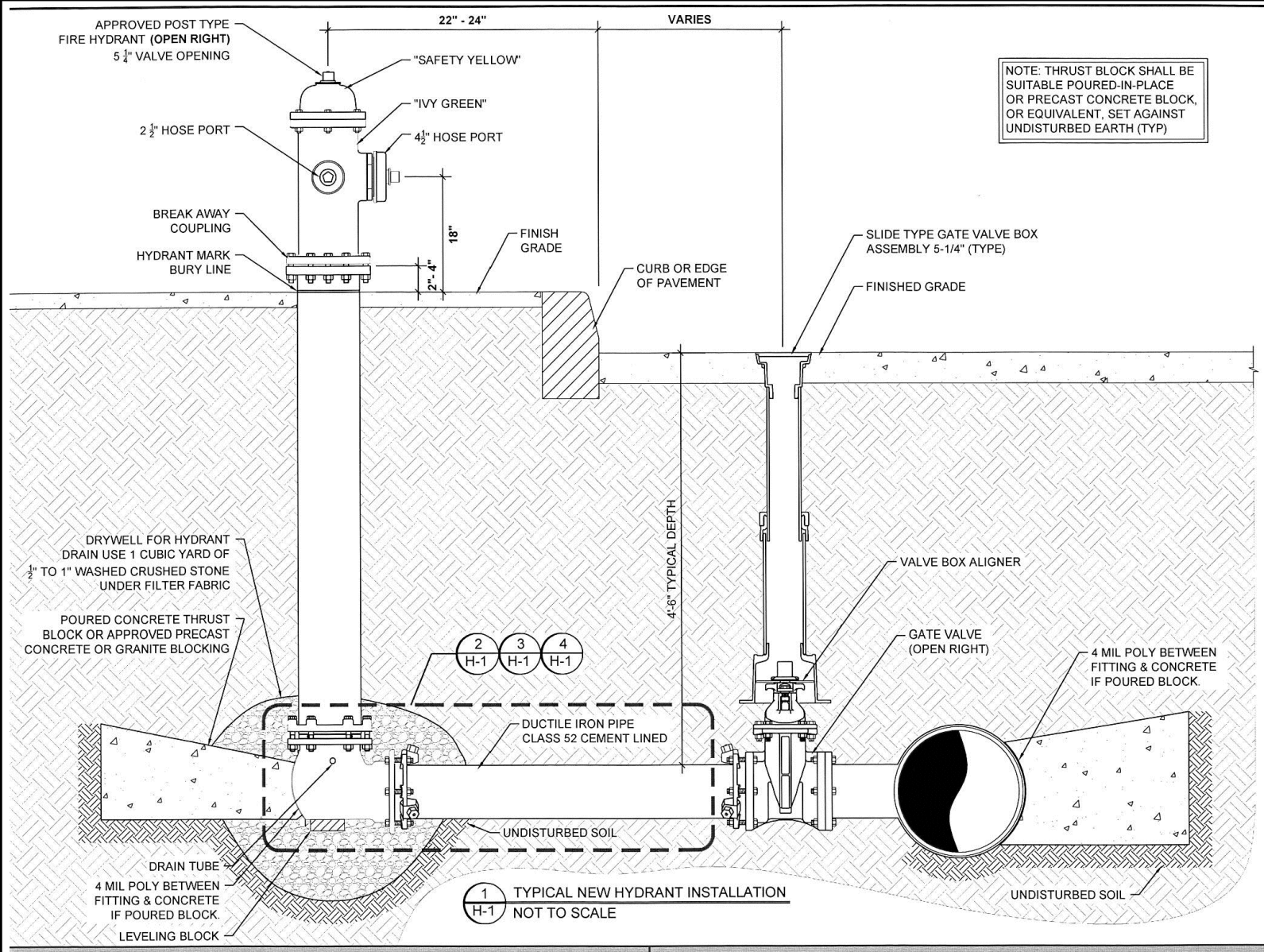
- NOTES:**
- THE VERTICAL SEPARATION BETWEEN THE WATER MAIN AND THE PROPOSED UTILITY SHOULD BE A MINIMUM OF 18".
  - THE HORIZONTAL SEPARATION BETWEEN THE WATER MAIN AND THE PROPOSED UTILITY SHALL BE A MINIMUM OF 10".
  - IF 1 OR 2 CAN NOT BE MAINTAINED THE PROPOSED UTILITY IS TO BE ENCASED IN CONCRETE 12" ON EITHER SIDE OF THE CROSSING.



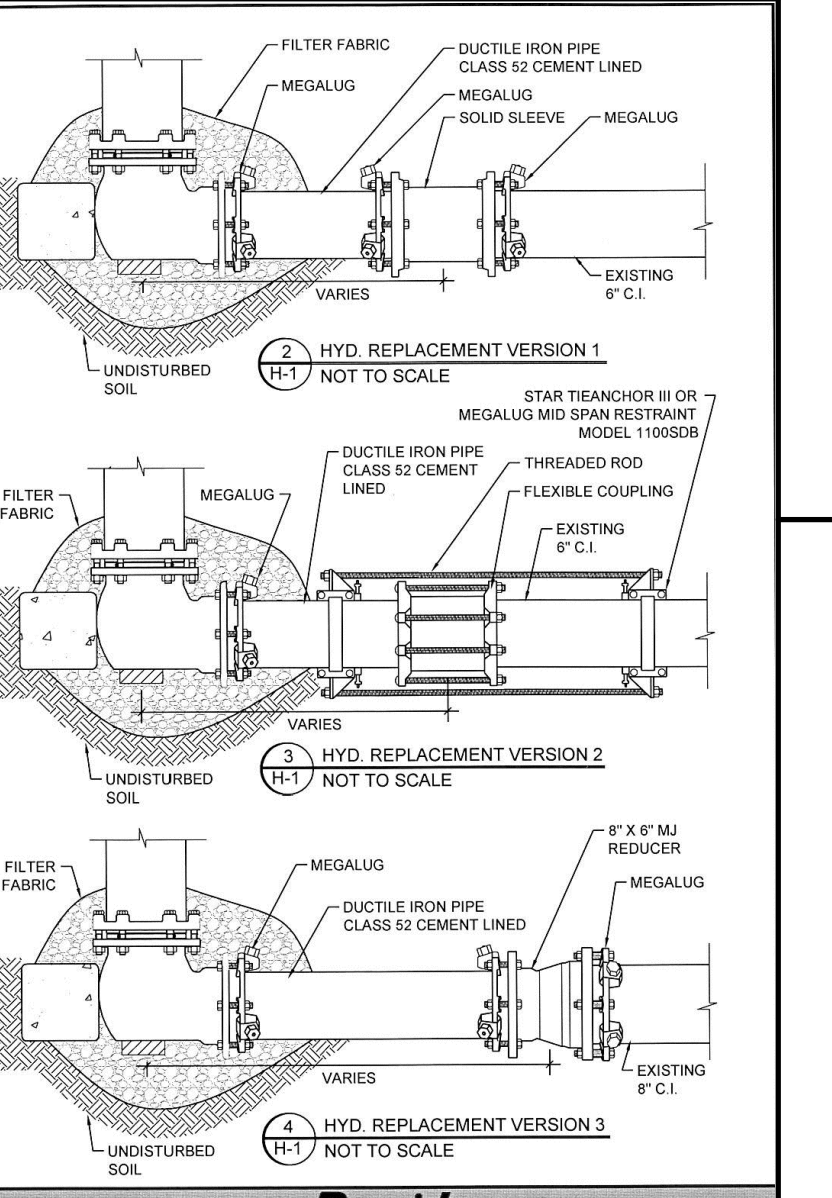
**UTILITY SEPARATION**  
NOT TO SCALE



**DUMPSTER SCREENING FENCE DETAIL**  
NOT TO SCALE



**TYPICAL NEW HYDRANT INSTALLATION**  
NOT TO SCALE



**HYDRANT REPLACEMENT VERSIONS 1, 2, & 3**  
NOT TO SCALE

**GENERAL NOTES:**

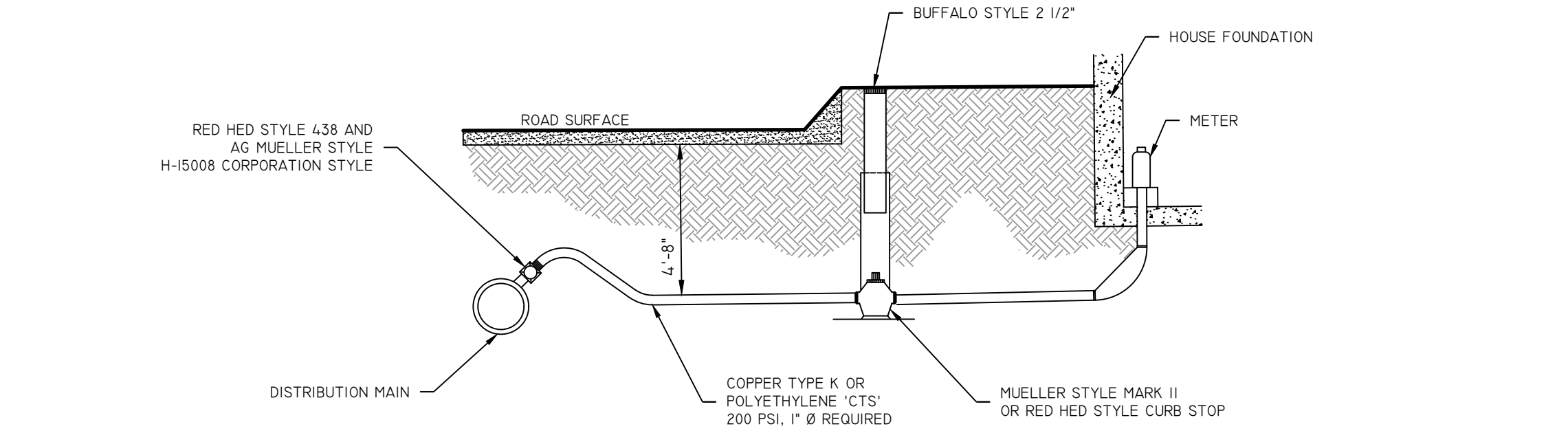
- OTHER UTILITIES ARE NOT SHOWN. CONTRACTOR SHALL VERIFY "DIG SAFE" 48 HOURS PRIOR TO COMMENCING WORK.
- NEW WATER PIPE SHALL BE TESTED AND CONFORMANCE TO ALL APPLICABLE WATER STANDARDS AND AS DIRECTED BY PROVIDING PARTIES.
- NEW WATER PIPE SHALL BE CONCRETE LINED DUCTILE IRON PIPE, CLASS 52 CONFORMING TO THE LATEST AWWA STANDARDS.
- PIPE FITTINGS SHALL BE CONCRETE LINED DUCTILE IRON, CLASS 52, WITH MECHANICAL JOINTS.
- UNLESS OTHERWISE NOTED, EARTH COVER OVER PIPE SHALL NOT BE LESS THAN 6'.
- GATE VALVES SHALL BE RESILIENT SEAT TYPE WITH MECHANICAL JOINT ENDS AND SHALL OPEN RIGHT (ELOCATED).
- 4 MIL POLY BETWEEN FITTING & CONCRETE IF POURED BLOCK.
- NOTE: FOR REPLACEMENT OF EXISTING HYDRANTS THE DEPTH SHALL BE DETERMINED PRIOR TO INSTALLATION TO ASSURE THAT NEW HYDRANT IS AT PROPER DEPTH.

**PROVIDENCE WATER**

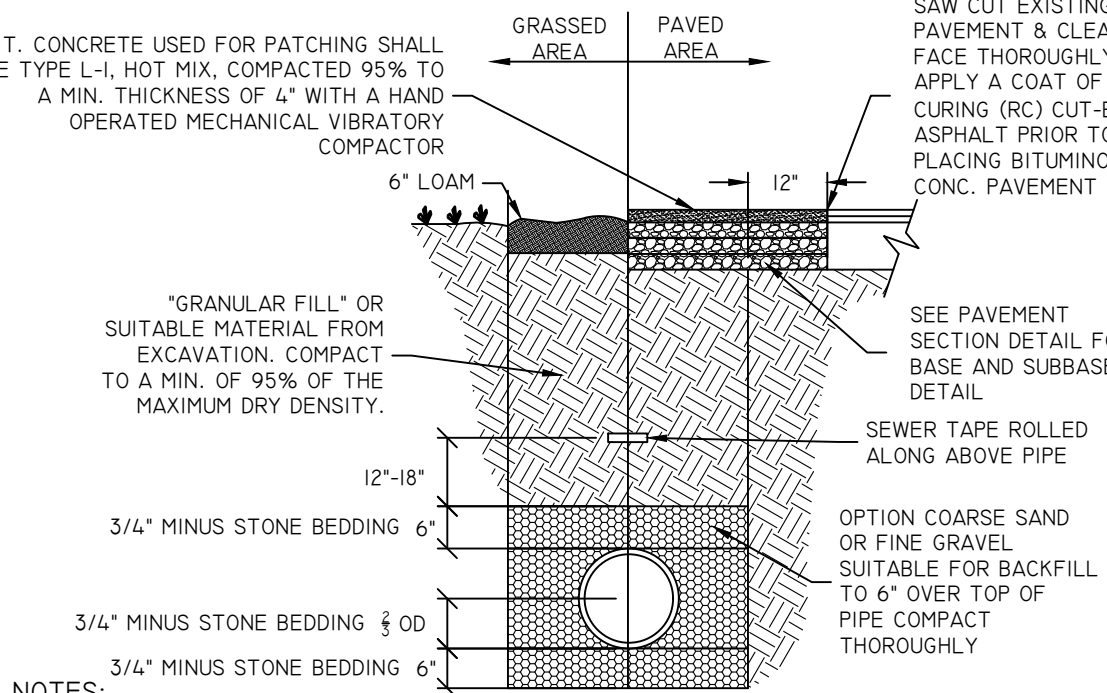
**PWSB NEW HYDRANT INSTALLATION & REPLACEMENTS**

DATE: 8-31-2012  
DATE: [Signature]

**H-1 SHEET NUMBER 1 of 1**



**WATER SERVICE INSTALLATION (TYP)**  
NOT TO SCALE



**NOTES:**

- WIDTH (W) OF TRENCH IS EQUAL TO THE INSIDE DIAMETER OF THE PIPE PLUS 12".
- SOIL UNDER CRUSHED STONE FOUNDATION SHALL BE UNDISTURBED AND COMPACTED MATERIAL WITH SEVERAL PASSES OF A VIBRATORY PLATE COMPACTOR.
- STONE FOUNDATION 3/4" MINUS SHALL BE PLACED 6" UNDER THE PIPE AND UP TO THE PIPE LAID THEREON; STONE PULLED AGAINST THE PIPE SIDES TO FIRMLY HOLD THE PIPE IN PLACE.
- 3/4" MINUS SHALL BE BROUGHT LEVEL TO THE TOP OF THE PIPE AND OUT TO THE TRENCH WALL AT THIS ELEVATION FOR ALL PIPE.
- IF 2" CRUSHED OR WASHED STONE IS USED IN LIEU OF 3/4" MINUS, STONE BEDDING MUST BE WRAPPED IN NON WOVEN FILTER FABRIC.

**SEWER TRENCH DETAIL**  
NOT TO SCALE

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[www.diprete-eng.com](http://www.diprete-eng.com)  
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**BRANDON D. CARR**  
REGISTERED PROFESSIONAL ENGINEER  
CIVIL

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DRAWN BY: F.L.Y.

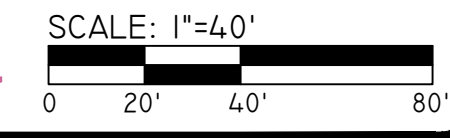
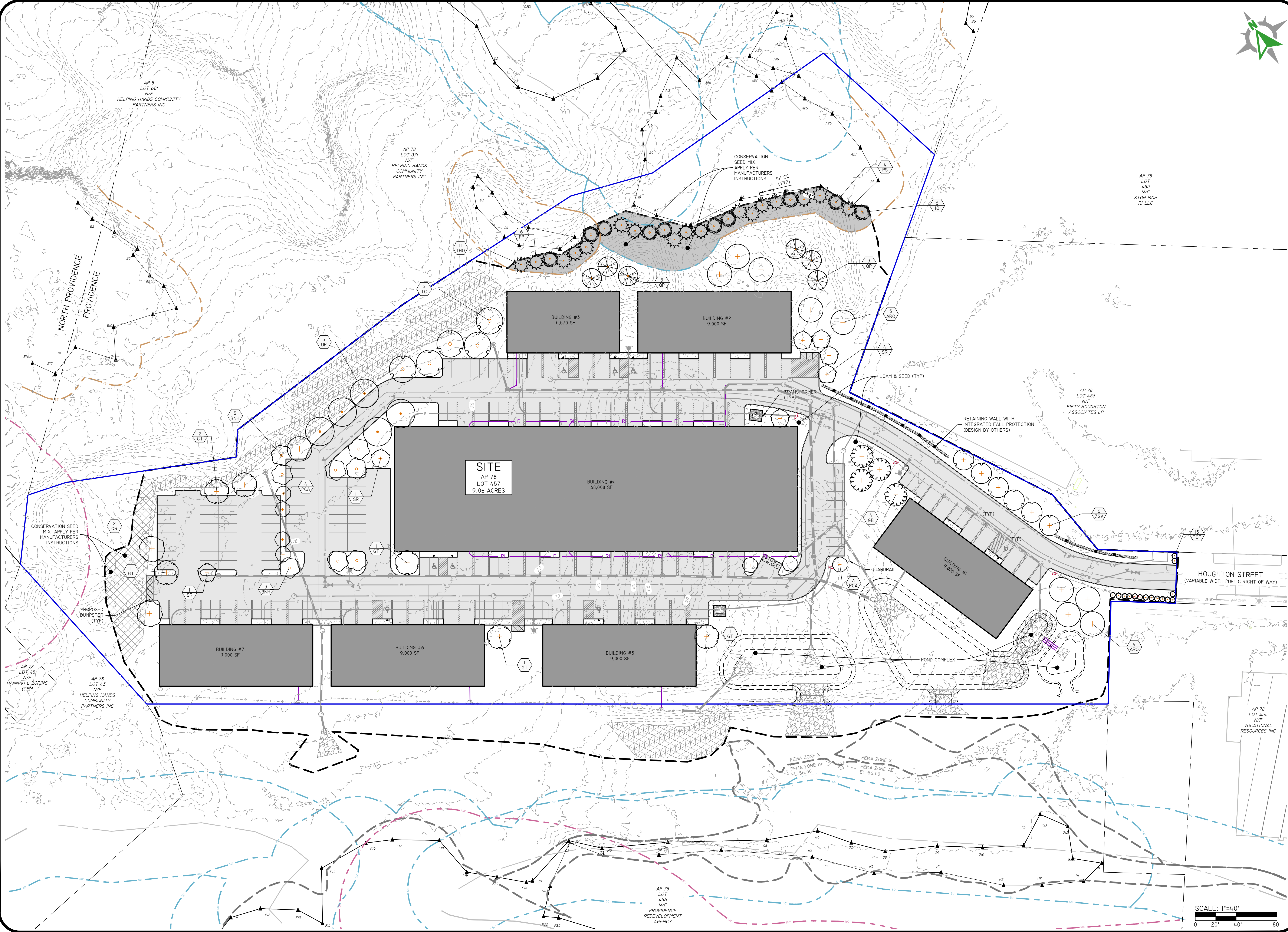
**DETAIL SHEET - 2**

**NEW PROVIDENCE BUSINESS PARK**  
ASSESSOR'S PLAT 078 LOT 457  
PROVIDENCE, RHODE ISLAND

PREPARED FOR:  
**COLLEGE HILL DEVELOPMENT, LLC**  
10 GREENE STREET, PROVIDENCE, RHODE ISLAND 02904

DESIGNED BY: J.W.S.  
DRAWN BY: F.L.Y.

SHEET 10 OF 12



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 Two Stafford Court, Cranston, RI 02920 • Tel 401-943-1000



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DIPRETE ENGINEERING ONLY WARRANTS PLANS ON A DIPRETE ENGINEERING PROJECT. DIPRETE ENGINEERING DOES NOT WARRANT PLANS BY ANY OTHER PARTY. THE CONTRACTOR IS RESPONSIBLE FOR ALL OF THE NECESSARY PERMITS AND UTILITIES. DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED DUE TO LOCATIONS OF EXISTING UTILITIES.

NO.	DATE	DESCRIPTION	BY	DESIGN BY
00-10-2020		PRELIMINARY PLAN SUBMISSION	F.L.Y.	J.W.S.
02-20-2020		PRELIMINARY PLAN SUBMISSION	F.L.Y.	J.W.S.

**LANDSCAPE PLAN**  
**NEW PROVIDENCE BUSINESS PARK**  
 ASSESSOR'S PLAT 078 LOT 457  
 PROVIDENCE, RHODE ISLAND

PREPARED FOR:  
**COLLEGE HILL DEVELOPMENT, LLC**  
 10 GREENE STREET, PROVIDENCE, RHODE ISLAND 02904

DESIGN BY: F.L.Y.  
 SHEET 11 OF 12

Z:\DEVELOPMENT\PROJECTS\0899-003\_VAZATE STREET\AUTOCAD DRAWINGS\0899-003-BIBL-LARC.DWG PLOTTED: 6/11/2026



# AVERAGE GRADE AND BUILDING HEIGHT EXHIBIT

Average Building Grade for entire site: 74.589

NOTE: ALL BUILDINGS TO BE 42' OR LESS IN HEIGHT

Building 4 Calc:  
 A1: (79-75)/2 x 394 = 30.338  
 B1: (79-75)/2 x 122 = 9.394  
 C1: (75-74)/2 x 394 = 29.353  
 D1: (74-75)/2 x 122 = 9.089  
 Total perimeter of bld: 1.032  
 ave building grade = 75.75

Building 5 Calc:  
 A2: (76-76)/2 x 150 = 11.400  
 B2: (76-76)/2 x 60 = 4.560  
 C2: (76-74.5)/2 x 150 = 11.2875  
 D2: (76-74.5)/2 x 60 = 4.515  
 Total perimeter of bld: 420'  
 ave building grade = (11.400+4.560+11.2875+4.515)/420 = 75.625

Z:\DEVELOPMENT\PROJECTS\0899-003\_VAZATE STREET\AUTOCAD DRAWINGS\0899-003-BIB-PLAN.DWG PLOTTER: 4/17/2026

SCALE: 1"=50'  
 0 25' 50' 100'



**Diprete Engineering**  
 Engineers - Planners - Surveyors  
 www.diprete-eng.com  
 Two Stafford Court, Cranston, RI 02920 • Tel: 401-943-1000

THIS PLAN SET MUST BE USED FOR CONSTRUCTION PURPOSES UNLESS STAMPED AND SIGNED FOR CONSTRUCTION AND STAMPED BY A PROFESSIONAL ENGINEER OF DIPRETE ENGINEERING.

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DATE: 03-20-2026  
 REVISION: 0  
 DESCRIPTION: SUBMISSION  
 F.Y.:  
 B.T.:  
 DESIGN BY: J.W.S.  
 DRAWN BY: F.L.Y.

**GRADING, DRAINAGE & UTILITY PLAN**

NEW PROVIDENCE BUSINESS PARK  
 ASSESSOR'S PLAT 078 LOT 457  
 PROVIDENCE, RHODE ISLAND

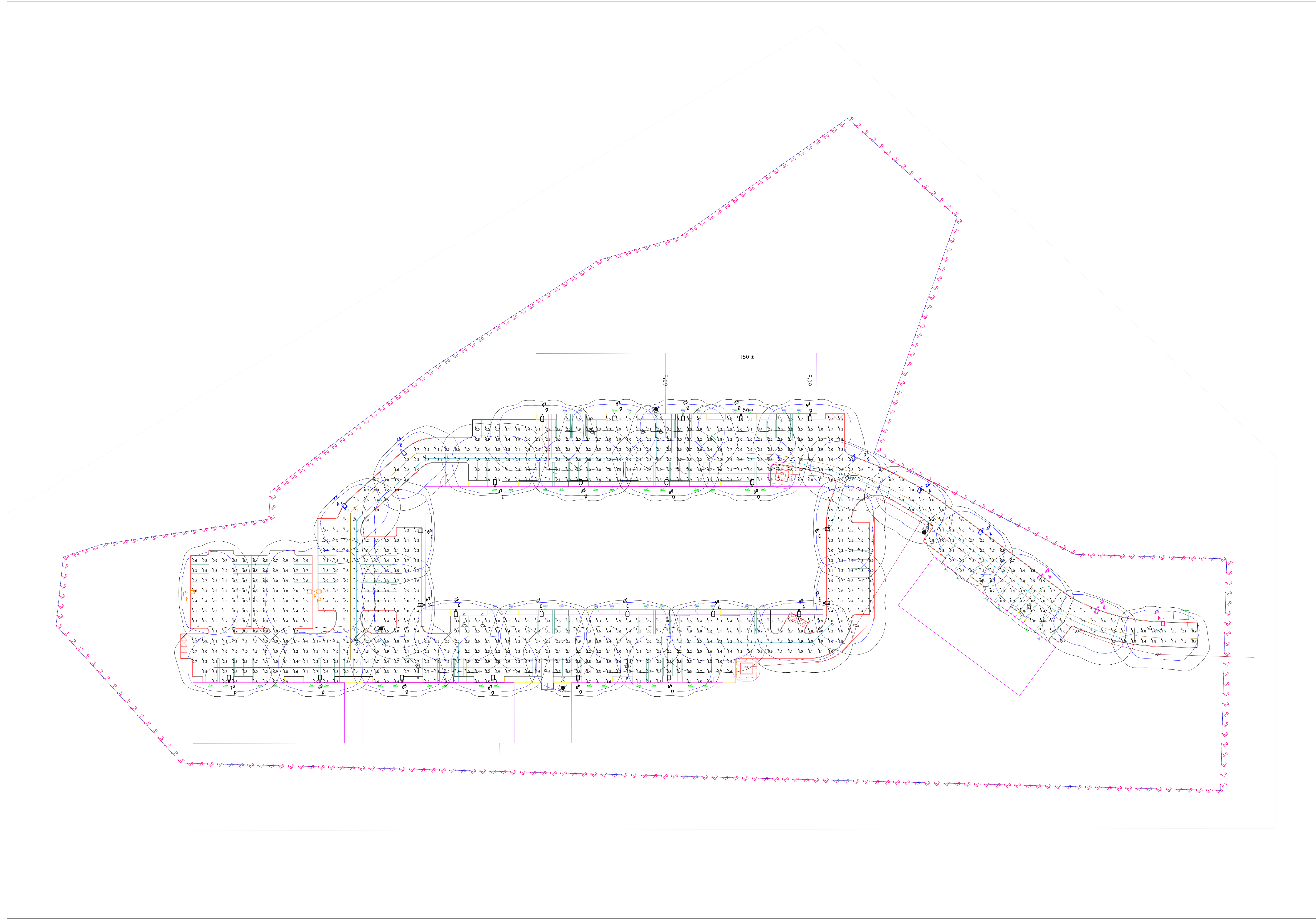
PREPARED FOR:  
**PROVFAST**  
 COLLEGE HILL DEVELOPMENT, LLC  
 10 GREENE STREET, PROVIDENCE, RHODE ISLAND 02904

DE JOB NO. 0899-003-BIB-COPYRIGHT 2025 BY DIPRETE ENGINEERING ASSOCIATES, INC.

SHEET 7 OF 12

# New Providence Business Park - Representative Rendering





Scale: 1 inch= 40 Ft.

The Lighting Analysis, Electrical Energy Analysis and/or Illuminance Calculations performed by RAB Lighting Inc. ("RAB") represents an anticipated prediction of lighting system performance based on the information provided to RAB. It is not a guarantee of performance. The actual lighting system performance may vary from the predicted performance due to a number of factors, including but not limited to, the actual field conditions. RAB recommends that design parameters and other information be filed verified to reduce variation.

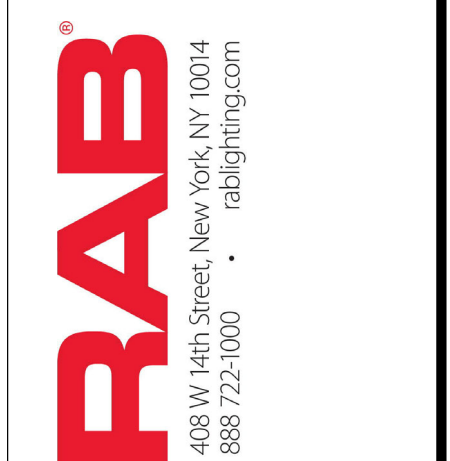
RAB does not warranty, either implied or stated, actual measured light levels or energy consumption levels as compared to those illustrated by the Lighting Design. RAB does not warranty, either implied or stated, the appropriateness, completeness or suitability of the Lighting Design as compliant with any applicable regulatory requirements for illumination levels or energy consumption. RAB's Lighting Design is based on the information provided to RAB and should not be relied upon for any purpose. RAB's Lighting Design is provided for informational purposes only and is not intended for construction or as part of a project's construction documents package. The location of exit signs, emergency lights, and luminaires operating in emergency mode cannot be validated as providing compliance to any code, regulation, or ordinance. The location of exit signs, emergency lights, and luminaires operating in emergency mode cannot be validated as providing compliance to any code, regulation, or ordinance. RAB's Lighting Design is provided for informational purposes only and is not intended for construction or as part of a project's construction documents package. The location of exit signs, emergency lights, and luminaires operating in emergency mode cannot be validated as providing compliance to any code, regulation, or ordinance. RAB's Lighting Design is provided for informational purposes only and is not intended for construction or as part of a project's construction documents package. The location of exit signs, emergency lights, and luminaires operating in emergency mode cannot be validated as providing compliance to any code, regulation, or ordinance. RAB's Lighting Design is provided for informational purposes only and is not intended for construction or as part of a project's construction documents package.

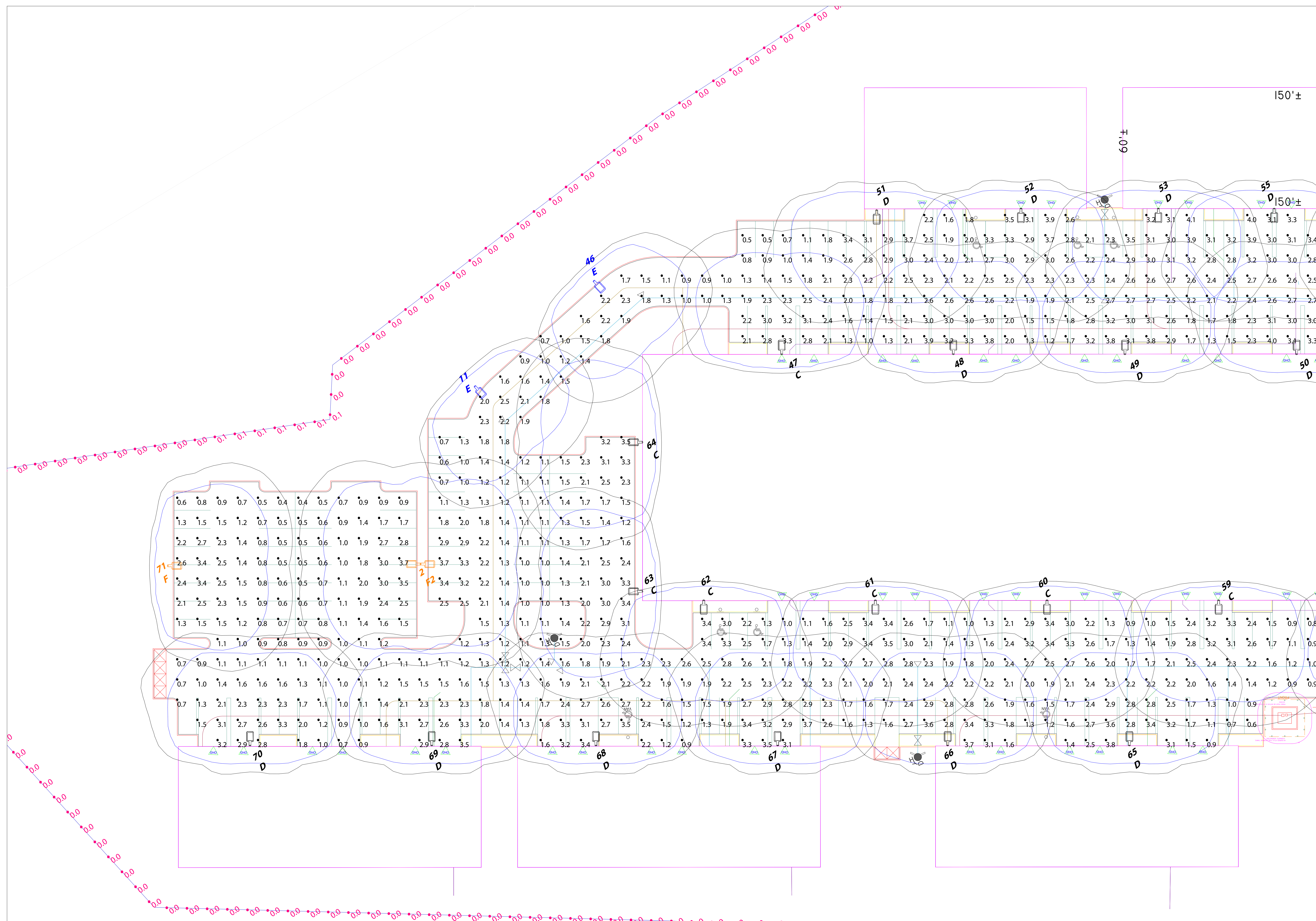
**Date:** 3/19/2026  
**Scale:** as noted  
**Project #:** 4390793817  
**Filename:** New Providence Business Park\_4390793817B.ACI  
**Drawn By:** Donald G. Andrews

**Job Name:** New Providence Business Park  
 Providence, RI  
**Lighting Layout**  
 Version B

**Prepared For:** Hobbrook Associated  
 35 Reservoir Park Drive  
 Rockland, MA 02370  
 Tel: 781-871-0011

**Filename:** C:\Users\donald.andrews\RAB\_Lighting\_Dropbox\Lighting Design\New Providence Business Park\_4390793817\Working Files\ACI\New Providence Business Park\_4390793817B.ACI





Scale: 1 inch = 20 Ft.

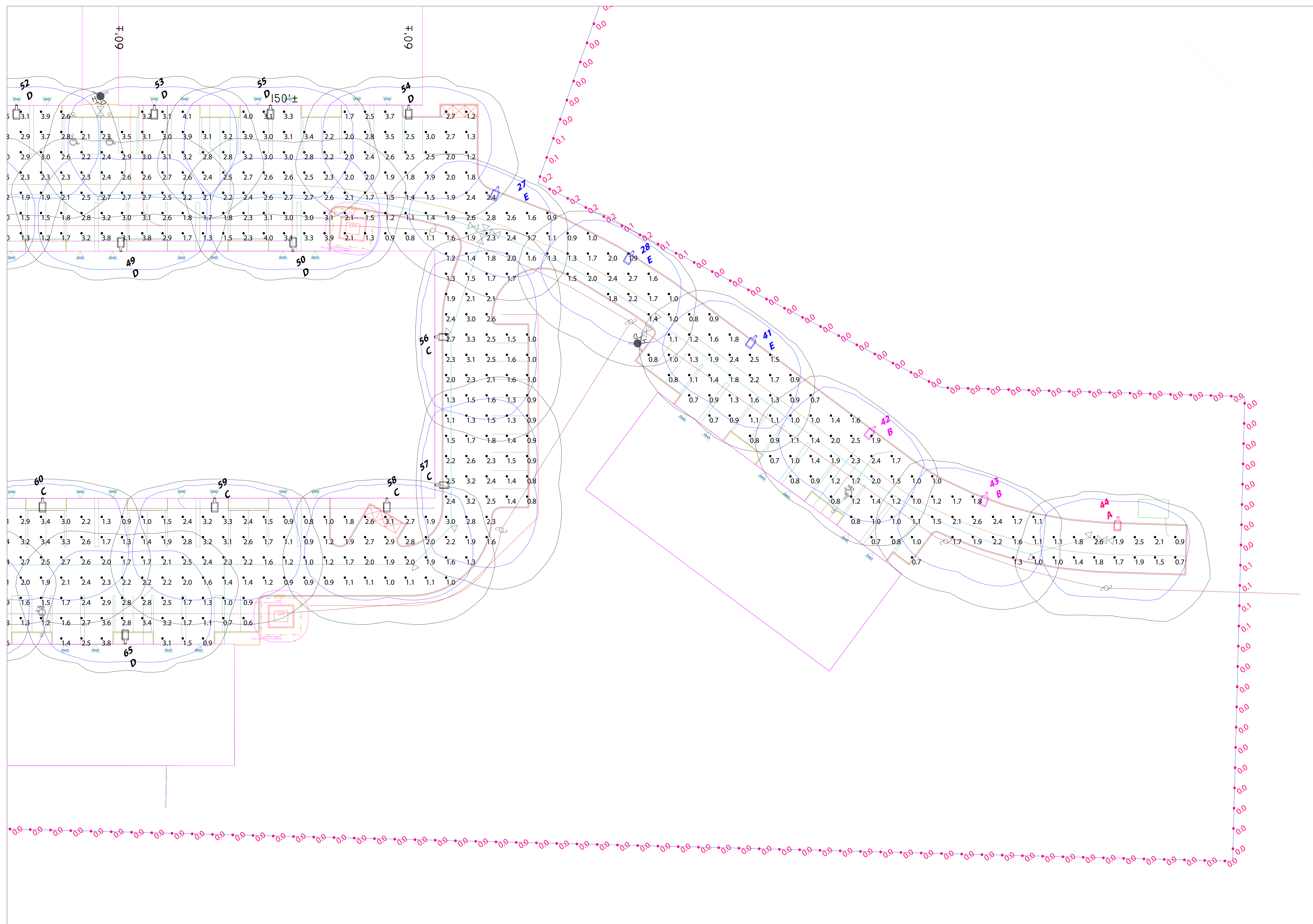
The Lighting Analysis, Electrical Energy Analysis and/or Illuminance Calculations provided by RAB Lighting, Inc. ("RAB") represents an anticipated prediction of lighting system performance based on the design information provided. It is not a guarantee of performance. The actual lighting system performance may vary from the predicted performance due to a number of factors, including but not limited to, the actual lighting system components used, the actual lighting system layout, the actual lighting system installation, the actual lighting system maintenance, and the actual lighting system operating conditions. RAB does not warrant, either explicitly or implicitly, the accuracy, completeness, or suitability of the information provided. RAB is not responsible for any errors or omissions in this document, and shall not be held liable for any damages, including consequential damages, arising from the use of this document. The location of all lights, emergency lights, and luminaires operating in emergency mode cannot be validated as providing compliance to any code, regulation, or ordinance. The lighting design is based on the information provided and is not intended to be used for construction purposes. The lighting design is based on the information provided and is not intended to be used for construction purposes. The lighting design is based on the information provided and is not intended to be used for construction purposes. The lighting design is based on the information provided and is not intended to be used for construction purposes.

Date: 3/19/2026  
 Scale: as noted  
 Project # 4390793817  
 Filename: New Providence Business Park\_4390793817B.AGI  
 Drawn By: Donald G. Andrews

Job Name:  
 New Providence Business Park  
 Providence, RI  
 Lighting Layout  
 Version B

Prepared For:  
 Hobbrook Associated  
 35 Reservoir Park Drive  
 Rockland, MA 02370  
 Tel: 781-871-0011

**RAB**  
 408 W 14th Street, New York, NY 10014  
 888 722-1000 • rablighting.com



Scale: 1 inch= 20 Ft.

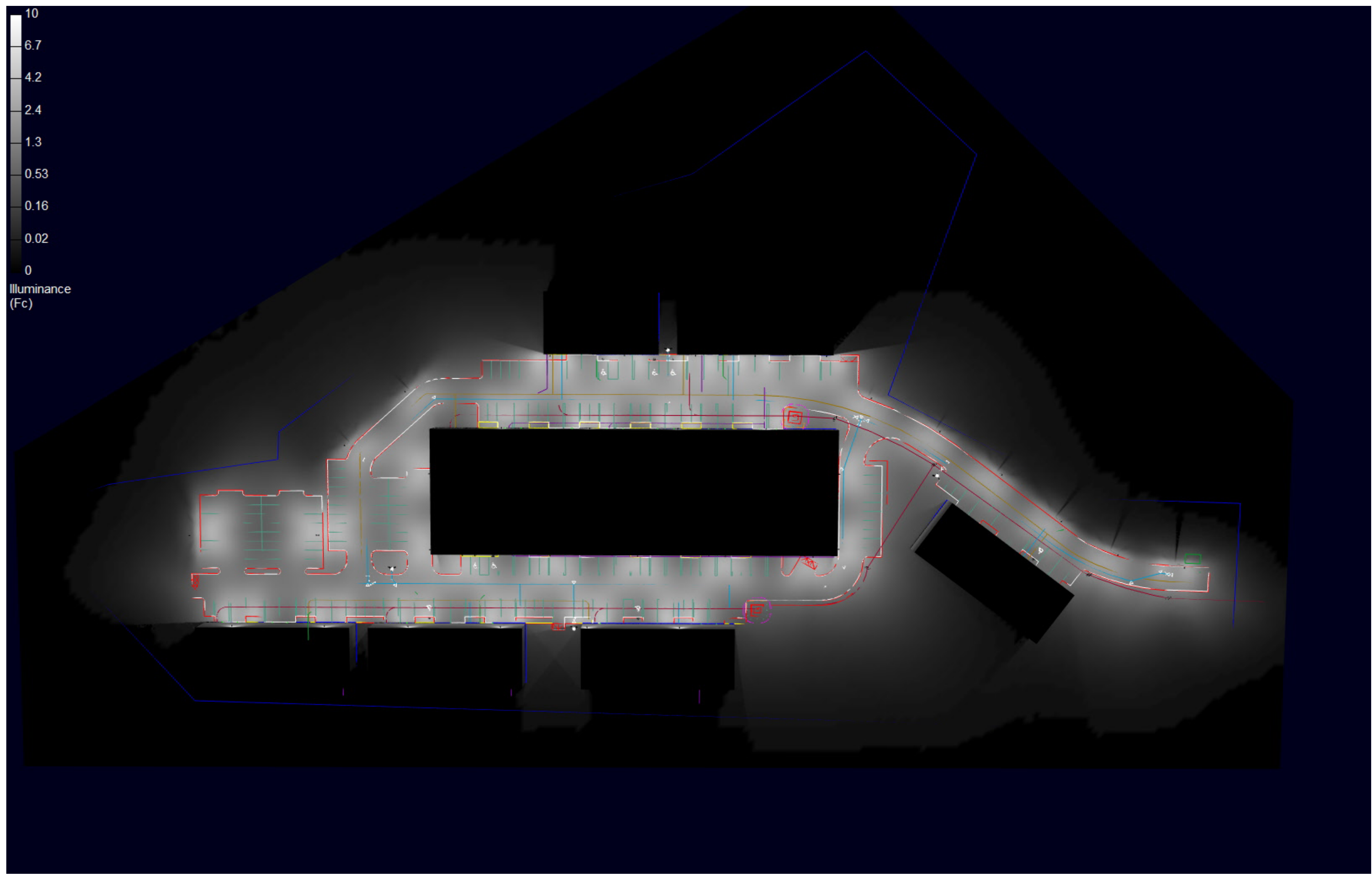
The Lighting Analysis, Electrical, Energy Analysis and/or other Lighting Design Services provided by RAB Lighting, Inc. ("RAB") represents an anticipated prediction of lighting system performance based on the design information provided to RAB. The actual lighting system performance may vary from the predicted performance due to a number of factors, including but not limited to, the actual lighting system components used, the actual lighting system layout, the actual lighting system installation, the actual lighting system maintenance, and the actual lighting system operating conditions. RAB does not warrant, either implied or stated, that the actual lighting system performance will be as predicted. RAB does not warrant, either implied or stated, that the lighting design is complete or suitable for any applicable regulatory requirements. The lighting design is provided for informational purposes only and should not be relied upon for any purpose. The location of exit signs, emergency lights, and luminaires operating in emergency mode cannot be validated as providing compliance to any code, regulation, or ordinance. The lighting design is provided for informational purposes only and should not be relied upon for any purpose. The lighting design is provided for informational purposes only and should not be relied upon for any purpose. The lighting design is provided for informational purposes only and should not be relied upon for any purpose.

Date: 3/19/2026  
 Scale: as noted  
 Project # 4390793817  
 Filename: New Providence Business Park\_43907931978.ACI  
 Drawn By: Donald G. Andrews

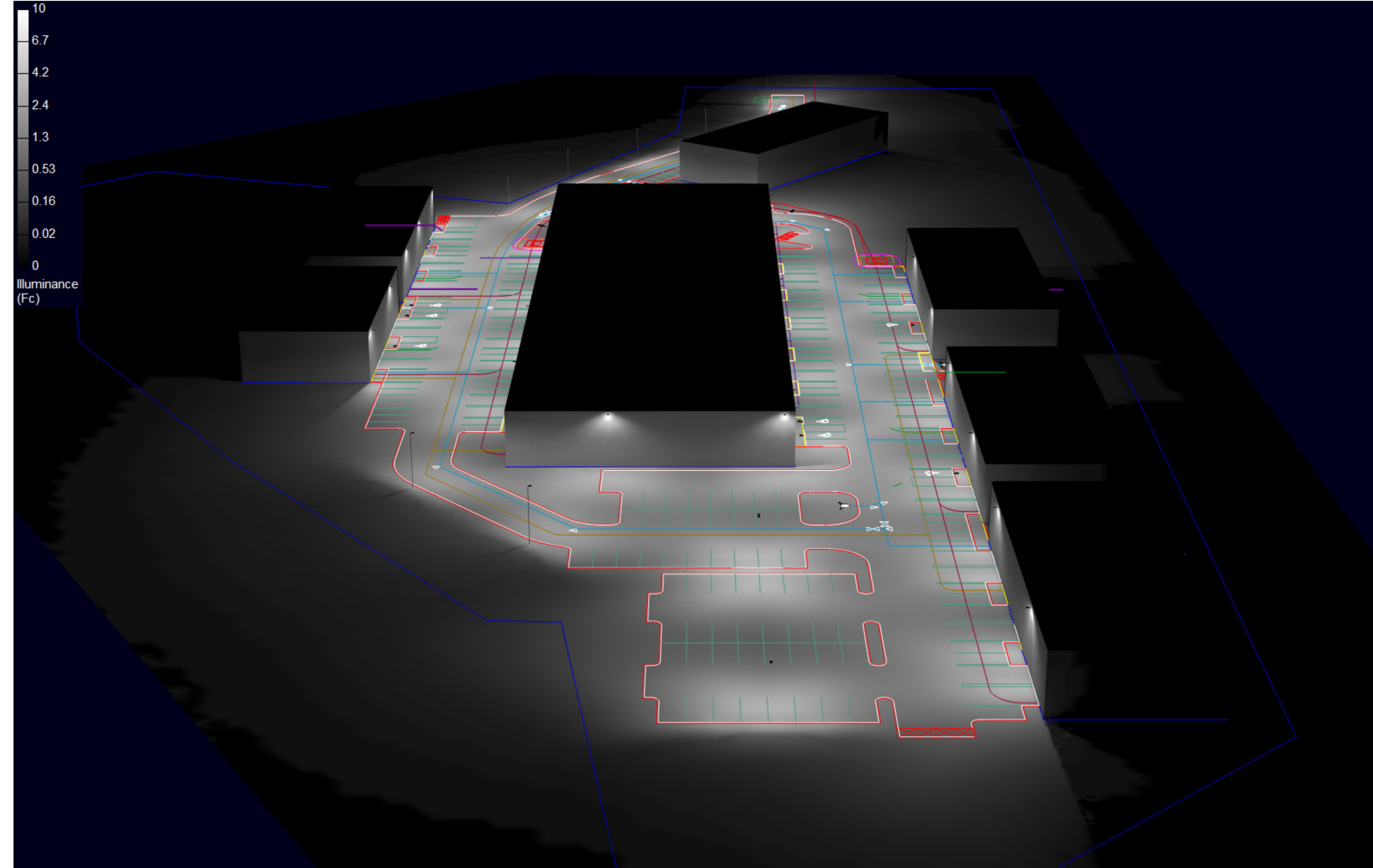
Job Name:  
 New Providence Business Park  
 Providence, RI  
 Lighting Layout  
 Version B

Prepared For:  
 Hobbrook Associated  
 35 Reservoir Park Drive  
 Rockland, MA 02370  
 Tel: 781-871-0011

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RenderViewpoint\_1



RenderViewpoint\_2

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Date: 3/19/2026	Scale: as noted
Project # 4390793817	Project: New Providence Business Park 4390793817B.AGI
Drawn By: Donald G. Andrews	Filename: New Providence Business Park 4390793817B.AGI

Job Name:  
New Providence Business Park  
Providence, RI  
Lighting Layout  
Version B

Prepared For:  
Hobbrook Associated  
35 Reservoir Park Drive  
Rockland, MA 02370  
Tel: 781-871-0011

**RAB**  
408 W 14th Street, New York, NY 10014  
888 722-1000 • rablighting.com







Color: Bronze

Weight: 13.2 lbs

Project:

Type:

Prepared By:

Date:

**Driver Info**

Type	Constant Current
120V	0.67A
208V	0.40A
240V	0.34A
277V	0.30A
Input Watts	40.9/58.1/82.0W

**LED Info**

Watts	80W
Color Temp	4000K (Neutral)
Color Accuracy	82/82/83 CRI
L70 Lifespan	100,000 Hours
Lumens	5735/7895/10616 lm
Efficacy	140.2/135.9/129.5 lm/W

**Technical Specifications**

**Field Adjustability**

**Field Adjustable (Wattage):**

Field adjustable light output in 3 discrete steps:  
Small Housing: 80W/60W/40W (factory default 80W)

**Compliance**

**UL Listed:**

Suitable for wet locations

**IP Rating:**

Ingress protection rating of IP66 for dust and water

**IESNA LM-79 & LM-80 Testing:**

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

**DLC Listed:**

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.  
DLC Product Code: S-YQSW2A

**LED Characteristics**

**LEDs:**

Long-life, high-efficacy, discrete, surface-mount LEDs

**Color Consistency:**

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

**Color Stability:**

LED color temperature is warrantied to Shift no more than 200K in color temperature over a 5-year period

**Color Uniformity:**

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

**Electrical**

**Driver:**

40W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A

60W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.50A, 208V: 0.30A, 240V: 0.25A, 277V: 0.22A

80W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.67A, 208V: 0.40A, 240V: 0.34A, 277V: 0.30A

**Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

**THD:**

2.22% at 120V, 7.07% at 277V

**Power Factor:**

99.9% at 120V, 96.6% at 277V

**Surge Protection:**

Line to Line: 10 kV  
Line to Ground: 6 kV

**Performance**

**Lifespan:**

100,000-Hour LED lifespan based on IESlm-80 results and TM-21 calculations

**Wattage Equivalency:**

Equivalent to 250W Metal Halide

**Optical**

**IES Classification:**

The Type IV distribution is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

**Bug Rating:**

80W: B1 U0 G2  
60W: B1 U0 G2  
40W: B1 U0 G2

## Technical Specifications (continued)

### Construction

---

**Cold Weather Starting:**

The minimum starting temperature is -40°F (-40°C)

**Ambient Temperature :**

Max Power Temp Rating: 104°F (40°C)

Middle Power Temp Rating: 52°C (125°F)

Low Power Temp Rating: 58°C (137°F)

**Housing:**

Die-cast aluminum

**Reflector:**

Aluminum reflector with white polycarbonate

**Vibration Rating:**

3G vibration rating per ANSI C136.31

**Effective Projected Area:**

1 Fixture: 0.35

2 Fixtures at 90°: 0.54

2 Fixtures at 180°: 0.7

3 Fixtures at 90°: 0.9

4 Fixtures at 90°: 0.9

**Gaskets:**

High-temperature silicone gaskets

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

### Installation

---

**Mounting:**

Wall mount

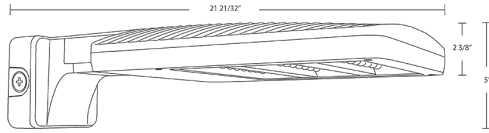
### Other

---

**10-Year, No-Compromise Warranty:**

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

## Dimensions



## Features

- 0-10V dimmable standard
- IP66 Rated
- 100,000-Hour LED lifespan
- 10-Year, No-Compromise Warranty

## Ordering Matrix

Family	Housing Size	Distribution	Mounting	Color Temp	Finish	Driver	Options
ALED	S	4T	WM	N			
	<b>M</b> = Medium (150W/90W/78W) <b>L</b> = Large (260W/220W/170W) <b>XL</b> = Extra Large (385W/345W/300W) <b>S</b> = Small (80W/60W/40W)	<b>2T</b> = Type II <b>3T</b> = Type III <b>4T</b> = Type IV <b>5T</b> = Type V <b>AT</b> = Auto Dealership Optic	<b>Blank</b> = Universal Pole Mount <b>SF</b> = Slipfitter <b>WM</b> = Wall Mount	<b>Blank</b> = 5000K Cool <b>Y</b> = 3000K Warm <sup>1</sup> <b>N</b> = 4000K Neutral	<b>Blank</b> = Bronze <b>W</b> = White <b>B</b> = Black	<b>Blank</b> = 120-277V, 0-10V Dimming <b>/480</b> = 480V, 0-10V Dimming	<b>Blank</b> = No Option <b>/7PR</b> = 7 Pin Twistlock Receptacle <b>/WS2</b> = Wattstopper, 20ft lens <b>/WS4</b> = Wattstopper, 40ft lens <sup>3</sup>

<sup>1</sup> Dark sky approved in 3000K, available only on Small and Medium fixtures

<sup>2</sup> 480V available only on Medium, Large & Extra Large fixtures

<sup>3</sup> Wattstopper option available only on Large & Extra Large fixtures



Color: Bronze

Weight: 13.2 lbs

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	80W
120V	0.67A	Color Temp	4000K (Neutral)
208V	0.40A	Color Accuracy	82 CRI
240V	0.34A	L70 Lifespan	100,000 Hours
277V	0.30A	Lumens	5650/7778/10458 lm
Input Watts	40.5/57.5/81.2W	Efficacy	139.5/135.3/128.8 lm/W

**Technical Specifications**

**Field Adjustability**

**Field Adjustable (Wattage):**

Field adjustable light output in 3 discrete steps:  
Small Housing: 80W/60W/40W (factory default 80W)

**Compliance**

**UL Listed:**

Suitable for wet locations

**IP Rating:**

Ingress protection rating of IP66 for dust and water

**IESNA LM-79 & LM-80 Testing:**

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

**DLC Listed:**

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.  
DLC Product Code: S-36E5G8

**LED Characteristics**

**LEDs:**

Long-life, high-efficacy, discrete, surface-mount LEDs

**Color Consistency:**

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

**Color Stability:**

LED color temperature is warrantied to Shift no more than 200K in color temperature over a 5-year period

**Color Uniformity:**

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

**Electrical**

**Driver:**

40W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A

60W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.50A, 208V: 0.30A, 240V: 0.25A, 277V: 0.22A

80W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.67A, 208V: 0.40A, 240V: 0.34A, 277V: 0.30A

**Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

**THD:**

2.02% at 120V, 8.16% at 277V

**Power Factor:**

99.9% at 120V, 96.5% at 277V

**Surge Protection:**

Line to Line: 10 kV  
Line to Ground: 6 kV

**Performance**

**Lifespan:**

100,000-Hour LED lifespan based on IESlm-80 results and TM-21 calculations

**Wattage Equivalency:**

Equivalent to 250W Metal Halide

**Optical**

**IES Classification:**

The Type III distribution is meant to be located near the side of an area, projecting the light outward to fill the area. Ideal for roadways, general parking areas, lighting applications and where a large pool of light is required.

**Bug Rating:**

80W: B1 U0 G2  
60W: B1 U0 G2  
40W: B1 U0 G1

## Technical Specifications (continued)

### Construction

---

**Cold Weather Starting:**

The minimum starting temperature is -40°F (-40°C)

**Ambient Temperature :**

Max Power Temp Rating: 104°F (40°C)

Middle Power Temp Rating: 52°C (125°F)

Low Power Temp Rating: 58°C (137°F)

**Housing:**

Die-cast aluminum

**Reflector:**

Aluminum reflector with white polycarbonate

**Vibration Rating:**

3G vibration rating per ANSI C136.31

**Effective Projected Area:**

1 Fixture: 0.35

2 Fixtures at 90°: 0.54

2 Fixtures at 180°: 0.7

3 Fixtures at 90°: 0.9

4 Fixtures at 90°: 0.9

**Gaskets:**

High-temperature silicone gaskets

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

### Installation

---

**Mounting:**

Wall mount

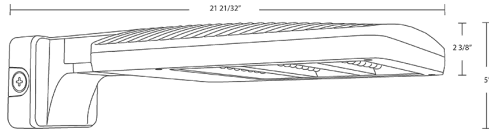
### Other

---

**10-Year, No-Compromise Warranty:**

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

## Dimensions



## Features

- 0-10V dimmable standard
- IP66 Rated
- 100,000-Hour LED lifespan
- 10-Year, No-Compromise Warranty

## Ordering Matrix

Family	Housing Size	Distribution	Mounting	Color Temp	Finish	Driver	Options
ALED	S	3T	WM	N			
	<b>M</b> = Medium (150W/90W/78W) <b>L</b> = Large (260W/220W/170W) <b>XL</b> = Extra Large (385W/345W/300W) <b>S</b> = Small (80W/60W/40W)	<b>2T</b> = Type II <b>3T</b> = Type III <b>4T</b> = Type IV <b>5T</b> = Type V <b>AT</b> = Auto Dealership Optic	<b>Blank</b> = Universal Pole Mount <b>SF</b> = Slipfitter <b>WM</b> = Wall Mount	<b>Blank</b> = 5000K Cool <b>Y</b> = 3000K Warm <sup>1</sup> <b>N</b> = 4000K Neutral	<b>Blank</b> = Bronze <b>W</b> = White <b>B</b> = Black	<b>Blank</b> = 120-277V, 0-10V Dimming <b>/480</b> = 480V, 0-10V Dimming	<b>Blank</b> = No Option <b>/7PR</b> = 7 Pin Twistlock Receptacle <b>/WS2</b> = Wattstopper, 20ft lens <b>/WS4</b> = Wattstopper, 40ft lens <sup>3</sup>

<sup>1</sup> Dark sky approved in 3000K, available only on Small and Medium fixtures

<sup>2</sup> 480V available only on Medium, Large & Extra Large fixtures

<sup>3</sup> Wattstopper option available only on Large & Extra Large fixtures



Color: Bronze

Weight: 1.0 lbs

Project:

Type:

Prepared By:

Date:

### Technical Specifications

#### Performance

**Description:**

ALED house side shield with 4 screws

#### Construction

**Dimensions (LxWxH):**

10 3/8" x 10 1/4" x 6"

**Finish:**

Formulated for high durability and long-lasting color

#### Other

**Compatible Products:**

ALED Small Field Adjustable



Color: Bronze

Weight: 13.2 lbs

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	80W
120V	0.67A	Color Temp	4000K (Neutral)
208V	0.40A	Color Accuracy	82 CRI
240V	0.34A	L70 Lifespan	100,000 Hours
277V	0.30A	Lumens	5650/7778/10458 lm
Input Watts	40.5/57.5/81.2W	Efficacy	139.5/135.3/128.8 lm/W

## Technical Specifications

### Field Adjustability

#### Field Adjustable (Wattage):

Field adjustable light output in 3 discrete steps:  
Small Housing: 80W/60W/40W (factory default 80W)

### Compliance

#### UL Listed:

Suitable for wet locations

#### IP Rating:

Ingress protection rating of IP66 for dust and water

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

#### Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

#### DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.  
DLC Product Code: S-36E5G8

### LED Characteristics

#### LEDs:

Long-life, high-efficiency, discrete, surface-mount LEDs

#### Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

#### Color Stability:

LED color temperature is warranted to Shift no more than 200K in color temperature over a 5-year period

#### Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

### Electrical

#### Driver:

40W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A

60W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.50A, 208V: 0.30A, 240V: 0.25A, 277V: 0.22A

80W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.67A, 208V: 0.40A, 240V: 0.34A, 277V: 0.30A

### Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

#### THD:

2.02% at 120V, 8.16% at 277V

#### Power Factor:

99.9% at 120V, 96.5% at 277V

#### Surge Protection:

Line to Line: 10 kV  
Line to Ground: 6 kV

### Performance

#### Lifespan:

100,000-Hour LED lifespan based on IESIm-80 results and TM-21 calculations

#### Wattage Equivalency:

Equivalent to 250W Metal Halide

### Optical

#### IES Classification:

The Type III distribution is meant to be located near the side of an area, projecting the light outward to fill the area. Ideal for roadways, general parking areas, lighting applications and where a large pool of light is required.

## Technical Specifications (continued)

**Bug Rating:**

80W: B1 U0 G2

60W: B1 U0 G2

40W: B1 U0 G1

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**Construction****Cold Weather Starting:**

The minimum starting temperature is -40°F (-40°C)

**Ambient Temperature :**

Max Power Temp Rating: 104°F (40°C)

Middle Power Temp Rating: 52°C (125°F)

Low Power Temp Rating: 58°C (137°F)

**Housing:**

Die-cast aluminum

**Reflector:**

Aluminum reflector with white polycarbonate

**Vibration Rating:**

3G vibration rating per ANSI C136.31

**Effective Projected Area:**

1 Fixture: 0.35

2 Fixtures at 90°: 0.54

2 Fixtures at 180°: 0.7

3 Fixtures at 90°: 0.9

4 Fixtures at 90°: 0.9

**Gaskets:**

High-temperature silicone gaskets

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

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**Installation****Mounting:**

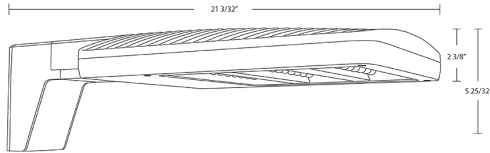
Universal mounting arm compatible for hole spacing patterns from 1" to 3" center to center. Round Pole adapter plate included as a standard. Easy slide and lock to mount fixture with ease.

---

**Other****10-Year, No-Compromise Warranty:**

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

## Dimensions



## Features

- 0-10V dimmable standard
- IP66 Rated
- 100,000-Hour LED lifespan
- 10-Year, No-Compromise Warranty

## Ordering Matrix

Family	Housing Size	Distribution	Mounting	Color Temp	Finish	Driver	Options
ALED	S	3T		N			
	<b>M</b> = Medium (150W/90W/78W) <b>L</b> = Large (260W/220W/170W) <b>XL</b> = Extra Large (385W/345W/300W) <b>S</b> = Small (80W/60W/40W)	<b>2T</b> = Type II <b>3T</b> = Type III <b>4T</b> = Type IV <b>5T</b> = Type V <b>AT</b> = Auto Dealership Optic	<b>Blank</b> = Universal Pole Mount <b>SF</b> = Slipfitter <b>WM</b> = Wall Mount	<b>Blank</b> = 5000K Cool <b>Y</b> = 3000K Warm <sup>1</sup> <b>N</b> = 4000K Neutral	<b>Blank</b> = Bronze <b>W</b> = White <b>B</b> = Black	<b>Blank</b> = 120-277V, 0-10V Dimming <b>/480</b> = 480V, 0-10V Dimming	<b>Blank</b> = No Option <b>/7PR</b> = 7 Pin Twistlock Receptacle <b>/WS2</b> = Wattstopper, 20ft lens <b>/WS4</b> = Wattstopper, 40ft lens <sup>3</sup>

<sup>1</sup> Dark sky approved in 3000K, available only on Small and Medium fixtures

<sup>2</sup> 480V available only on Medium, Large & Extra Large fixtures

<sup>3</sup> Wattstopper option available only on Large & Extra Large fixtures



Color: Bronze

Weight: 13.2 lbs

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	80W
120V	0.67A	Color Temp	4000K (Neutral)
208V	0.40A	Color Accuracy	82/82/83 CRI
240V	0.34A	L70 Lifespan	100,000 Hours
277V	0.30A	Lumens	5735/7895/10616 lm
Input Watts	40.9/58.1/82.0W	Efficacy	140.2/135.9/129.5 lm/W

**Technical Specifications**

**Field Adjustability**

**Field Adjustable (Wattage):**

Field adjustable light output in 3 discrete steps:  
Small Housing: 80W/60W/40W (factory default 80W)

**Compliance**

**UL Listed:**

Suitable for wet locations

**IP Rating:**

Ingress protection rating of IP66 for dust and water

**IESNA LM-79 & LM-80 Testing:**

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

**Trade Agreements Act Compliant:**

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

**DLC Listed:**

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities.  
DLC Product Code: S-YQSW2A

**LED Characteristics**

**LEDs:**

Long-life, high-efficacy, discrete, surface-mount LEDs

**Color Consistency:**

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

**Color Stability:**

LED color temperature is warranted to Shift no more than 200K in color temperature over a 5-year period

**Color Uniformity:**

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

**Electrical**

**Driver:**

40W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A

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80W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.67A, 208V: 0.40A, 240V: 0.34A, 277V: 0.30A

**Dimming Driver:**

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

**THD:**

2.22% at 120V, 7.07% at 277V

**Power Factor:**

99.9% at 120V, 96.6% at 277V

**Surge Protection:**

Line to Line: 10 kV  
Line to Ground: 6 kV

**Performance**

**Lifespan:**

100,000-Hour LED lifespan based on IESlm-80 results and TM-21 calculations

**Wattage Equivalency:**

Equivalent to 250W Metal Halide

**Optical**

**IES Classification:**

The Type IV distribution is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

## Technical Specifications (continued)

**Bug Rating:**

80W: B1 U0 G2

60W: B1 U0 G2

40W: B1 U0 G2

---

**Construction****Cold Weather Starting:**

The minimum starting temperature is -40°F (-40°C)

**Ambient Temperature :**

Max Power Temp Rating: 104°F (40°C)

Middle Power Temp Rating: 52°C (125°F)

Low Power Temp Rating: 58°C (137°F)

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Die-cast aluminum

**Reflector:**

Aluminum reflector with white polycarbonate

**Vibration Rating:**

3G vibration rating per ANSI C136.31

**Effective Projected Area:**

1 Fixture: 0.35

2 Fixtures at 90°: 0.54

2 Fixtures at 180°: 0.7

3 Fixtures at 90°: 0.9

4 Fixtures at 90°: 0.9

**Gaskets:**

High-temperature silicone gaskets

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

---

**Installation****Mounting:**

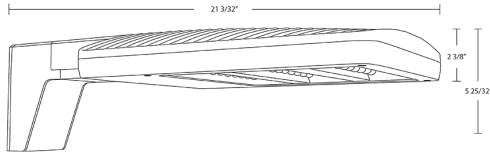
Universal mounting arm compatible for hole spacing patterns from 1" to 3" center to center. Round Pole adapter plate included as a standard. Easy slide and lock to mount fixture with ease.

---

**Other****10-Year, No-Compromise Warranty:**

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

## Dimensions



## Features

- 0-10V dimmable standard
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## Ordering Matrix

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<sup>1</sup> Dark sky approved in 3000K, available only on Small and Medium fixtures

<sup>2</sup> 480V available only on Medium, Large & Extra Large fixtures

<sup>3</sup> Wattstopper option available only on Large & Extra Large fixtures



Square steel poles drilled for 2 Area Lights at 180°. Designed for ground mounting. Poles are stocked nationwide for quick shipment. Protective packaging ensures poles arrive at the job site good as new.

Color: Bronze

Weight: 195.0 lbs

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

### Technical Specifications

**Compliance**

**CSA Listed:**

Suitable for wet locations

**Trade Agreements Act Compliant:**

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

**Construction**

**Shaft:**

46,000 p.s.i. minimum yield.

**Hand Holes:**

Reinforced with grounding lug and removable cover

**Base Plates:**

36,000 p.s.i. minimum yield.

**Shipping Protection:**

All poles are shipped in individual corrugated cartons to prevent finish damage

**Color:**

Bronze powder coating

**Height:**

20 ft

**Weight:**

195 lbs

**Gauge:**

7

**Wall Thickness:**

3/16"

**Shaft Size:**

4"

**Hand Hole Dimensions:**

3" x 5"

**Bolt Circle:**

8 1/2"

**Base Dimension:**

8"

**Anchor Bolt:**

Anchor bolt kits are sold separately. Order [ABK4-07-BCK-S4](#) for anchor bolt kits.

**Anchor Bolt Templates:**

WARNING Template must be printed on 11" x 17" sheet for actual size. CHECK SCALE BEFORE USING. Templates shipped with anchor bolts and available [online](#).

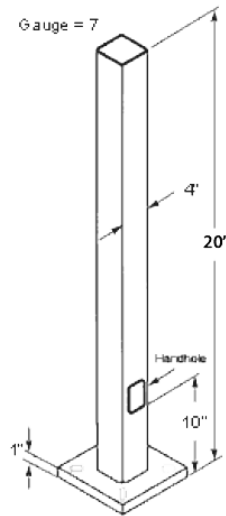
**Max EPA's/Max Weights:**

- 70MPH 15.7 ft/430 lb.
- 80MPH 10.7 ft/425 lb.
- 90MPH 7.3 ft/420 lb.
- 100MPH 4.9 ft/400 lb.
- 110MPH 3.1 ft/395 lb.
- 120MPH 1.7 ft/395lb.
- 130MPH 0.7 ft/360 lb

**Other**

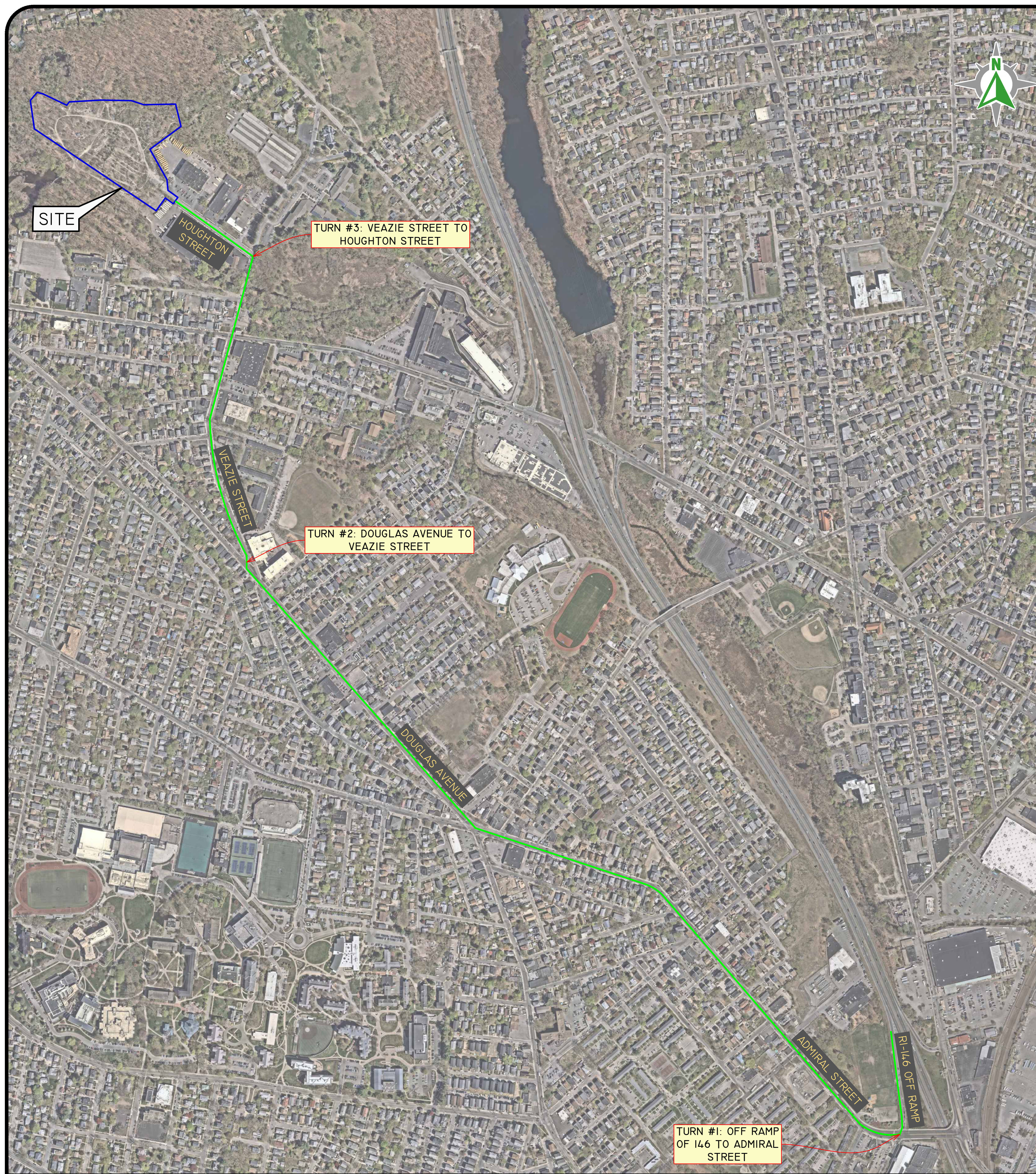
**Terms of Sale:**

Pole Terms of Sale is available [online](#).

**Dimensions****Features**

- Designed for ground mounting
- Heavy duty TGIC polyester coating
- Reinforced hand holes with grounding lug and removable cover for easy wiring access
- Pole caps, base covers & bolts are sold separately
- Custom manufactured for each application

Z:\DEVELOPMENT\PROJECTS\0899-003\_VEAZIE STREET\AUTOCAD DRAWINGS\0899-003-FPI-EXHIBIT TRUCK TURN ROUTES DWG PLOTTED: 5/15/2026



SITE

HOUGHTON STREET

TURN #3: VEAZIE STREET TO HOUGHTON STREET

VEAZIE STREET

TURN #2: DOUGLAS AVENUE TO VEAZIE STREET

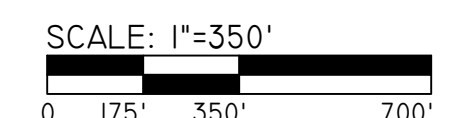
DOUGLAS AVENUE

ADMIRAL STREET

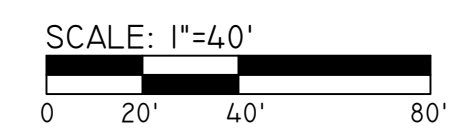
RI-146 OFF RAMP

TURN #1: OFF RAMP OF 146 TO ADMIRAL STREET

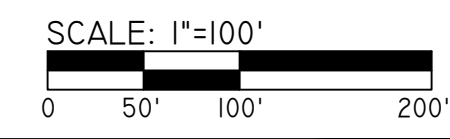
### TRUCK TURN ROUTE EXHIBIT



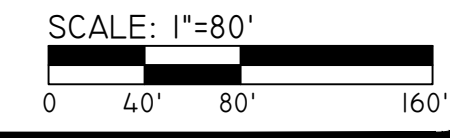
### TURN #1 RI-146 TO ADMIRAL STREET



### TURN #2: DOUGLAS AVENUE TO VEAZIE STREET



### TURN #3: VEAZIE STREET TO HOUGHTON STREET



**DiPrete Engineering**  
 Two Stafford Court Cranston, RI 02920  
 Tel: 401-943-1000 Fax: 401-464-6000 www.diprete-eng.com

**Boston • Providence • Newport**

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 ONLY DIPRETE ENGINEERING ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED DUE TO LOCATIONS OF EXISTING UTILITIES.  
 DESIGN BY: B.D.C.  
 DRAWN BY: K.H.F.

**ROUTE TRUCK TURN EXHIBIT**

**HOUGHTON ST. INDUSTRIAL DEVELOPMENT**  
 ASSESSOR'S PLAT 78 LOTS 42, 43, 47 & 457  
 PROVIDENCE, RHODE ISLAND

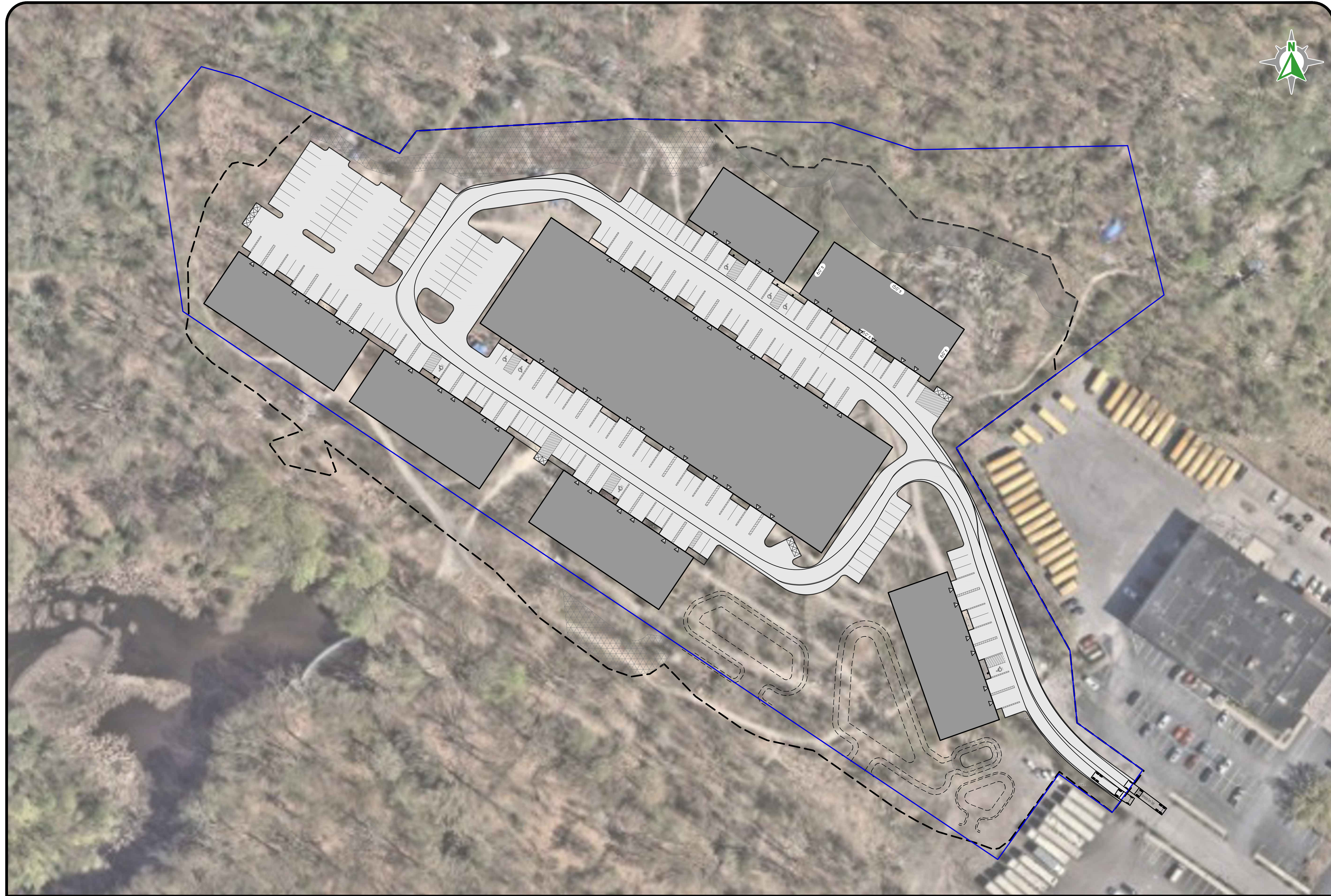
**DRAFT**

PREPARED FOR:  
**CHURCH HILL & BANKS, LLC**  
 10 GREENE STREET, PROVIDENCE, RHODE ISLAND 02904

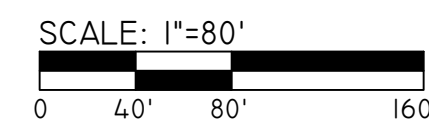
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SHEET | OF 2

Z:\DEVELOPMENT\PROJECTS\0899-003\_VAZTE STREET\AUTOCAD DRAWINGS\0899-003-FPI-EMBT TRUCK TURN DWG PLOTTED 5/15/2026



TRUCK TURN ROUTE EXHIBIT



**SITE TRUCK TURN EXHIBIT**  
**HOUGHTON ST. INDUSTRIAL DEVELOPMENT**  
 ASSESSOR'S PLAT 78 LOTS 42, 43, 47, 48, 457  
 PROVIDENCE, RHODE ISLAND  
 PREPARED FOR  
**CHURCH HILL & BANKS, LLC**  
 10 GREENE STREET, PROVIDENCE, RHODE ISLAND 02904

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**5/15/2026**  
 DRAWN BY: K. M. R.      DESIGN BY: B.D.C.  
 CHECKED BY: B.D.C.  
 DATE: 5/15/2026      DESCRIPTION: TRUCK TURN EXHIBIT

**DiPrete Engineering**  
 Two Stafford Court Cranston, RI 02920  
 tel 401-943-1000 fax 401-464-6000 www.diprete-eng.com  
**Boston • Providence • Newport**

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