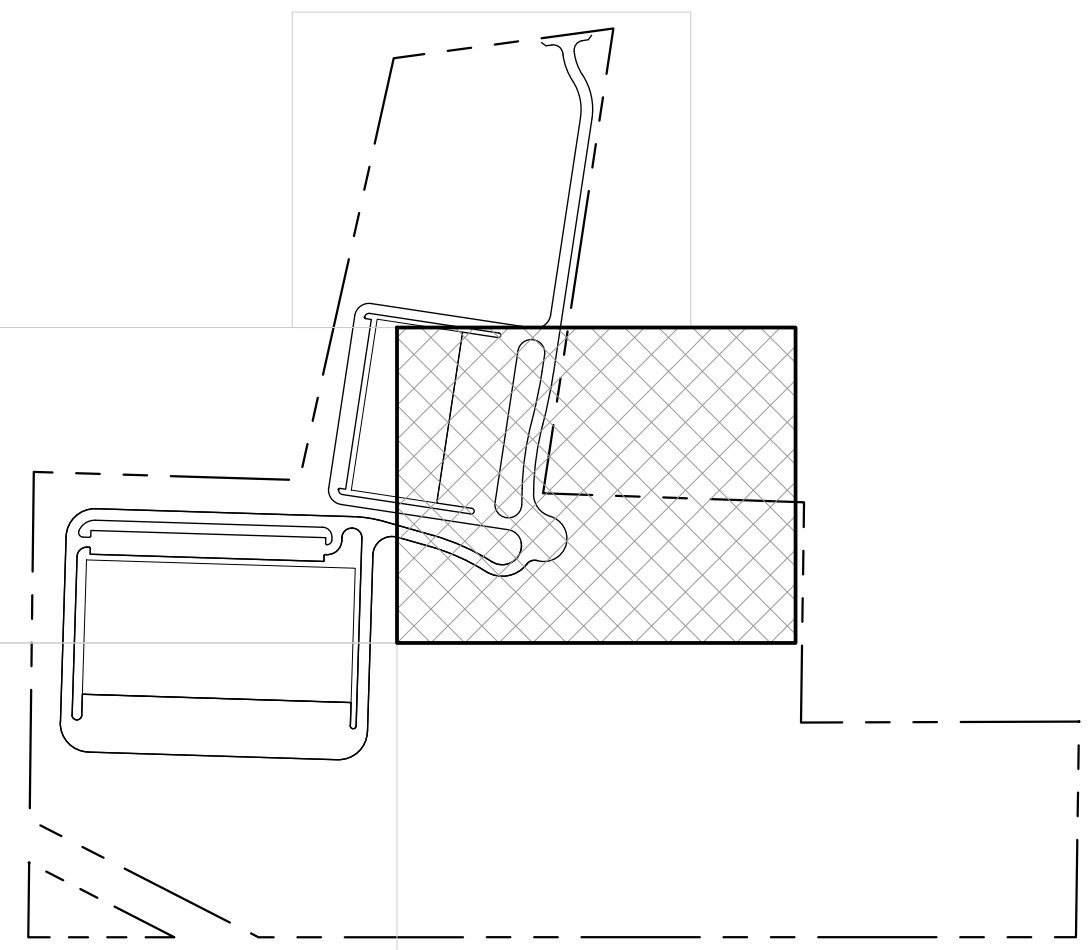


NEELYTOWN ROAD
CULVERT REPLACEMENT DESIGN PLAN
SCALE: 1"=30'

NEELYTOWN ROAD
CULVERT REPLACEMENT EROSION CONTROL PLAN
SCALE: 1"=30'



KEY MAP
SCALE: 1"=5,000'

No.	DATE	DESCRIPTION
1	08/21/19	REVISED PER ENGINEER COMMENTS
2	12/18/19	REVISED PER ENGINEER COMMENTS
3	02/22/20	REVISED PER ENGINEER COMMENTS
4	02/19/20	REVISED PER ENGINEER COMMENTS
5	05/05/20	PARTIAL SET FOR FIRE CODE OFFICIAL REVIEW
6	05/19/20	REVISED PER ENGINEER COMMENTS
7	09/14/20	REVISED PER NOISE CONSULTANT COMMENTS
8	11/18/20	REVISED PER PUBLIC HEARING COMMENTS
9	12/23/20	REVISED PER ENGINEER COMMENTS

DRAWING STATUS	ISSUE DATE: 12/23/2020
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<input type="checkbox"/> FOR CONSTRUCTION	N/A OF N/A

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NEW YORK LICENSE # 080023

1 inch = 30 ft.

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Ph: (845) 457-7727
WWW.EP-PC.COM

SITE PLAN

RDM WAREHOUSES
230 NEELYTOWN ROAD
TOWN OF HAMPTONBURGH
ORANGE COUNTY, NEW YORK

JOB #: 1284.02
DATE: 01/23/19
REVISION: 9 - 12/23/2020

DRAWN BY: JS
SCALE: 1" = 30'
TAX LOT: 1-1-6


C-102

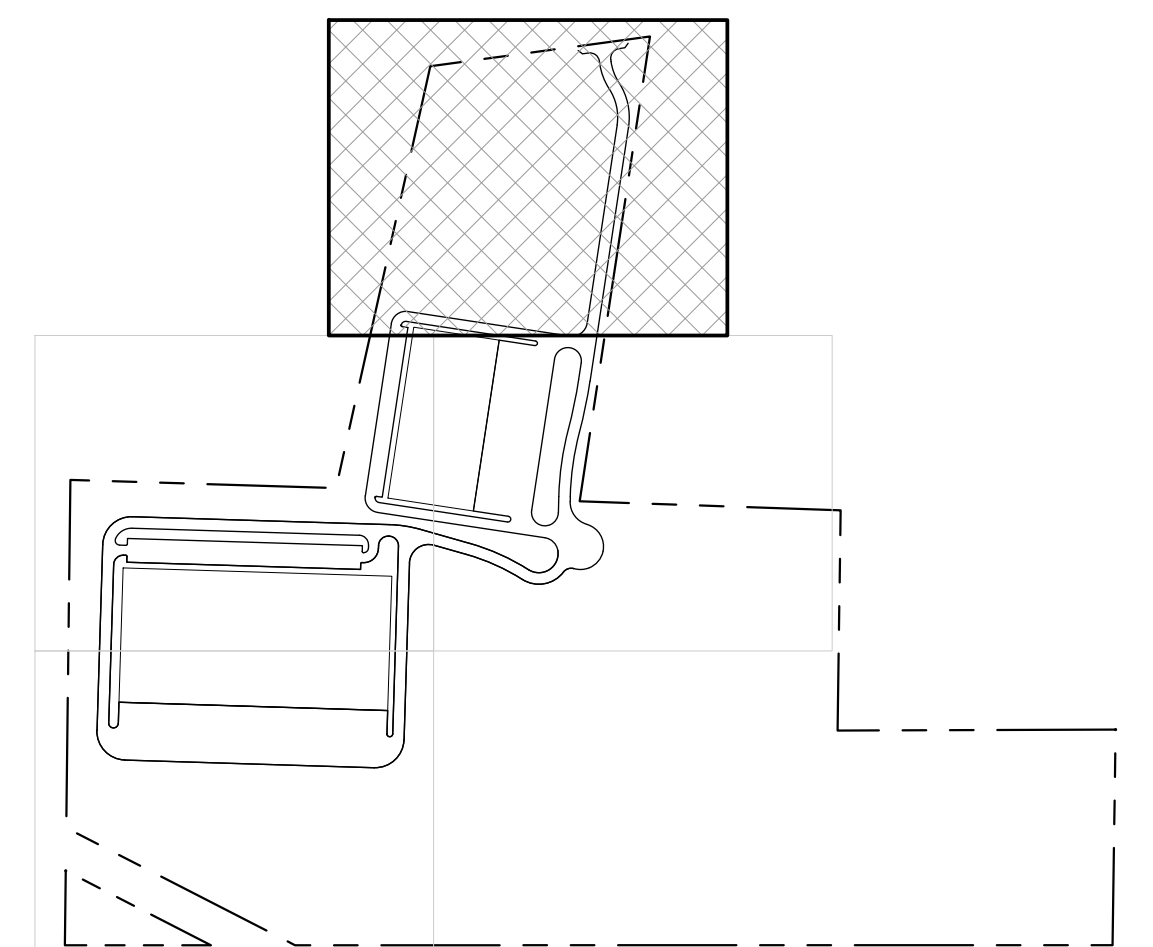
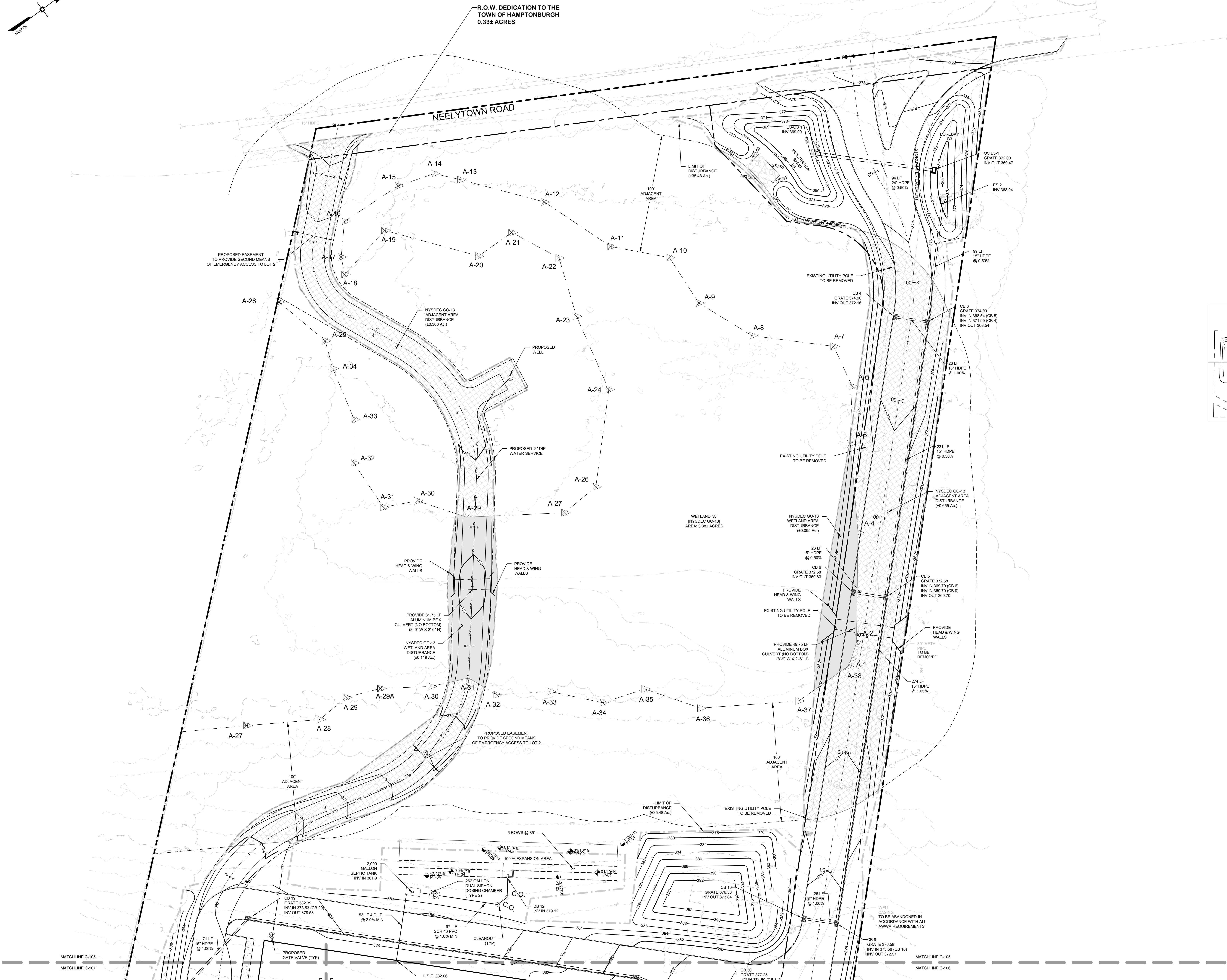
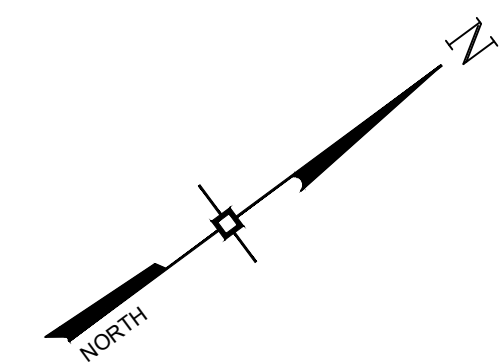


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<p align="center">SITE PLAN</p>	
<p align="center">RDM WAREHOUSES 230 NEELYTOWN ROAD TOWN OF HAMPTONBURGH ORANGE COUNTY, NEW YORK</p>	
<p>JOB #: 1284.02</p>	<p>DRAWN BY: JS</p>
<p>DATE: 01/23/19</p>	<p>SCALE: 1" = 30'</p>
<p>REVISION: 9 - 12/23/2006</p>	<p>TAX LOT: 1-1-6</p>
<p align="center">C-103</p>	



KEY MAP

SCALE: 1"=5,000'

No.	DATE	DESCRIPTION
1	08/21/19	REVISED PER ENGINEER COMMENTS
2	12/18/19	REVISED PER ENGINEER COMMENTS
3	01/22/20	REVISED PER ENGINEER COMMENTS
4	02/19/20	REVISED PER ENGINEER COMMENTS
5	05/06/20	PARTIAL SET FOR FIRE CODE OFFICIAL REVIEW
6	05/19/20	REVISED PER ENGINEER COMMENTS
7	09/14/20	REVISED PER NOISE CONSULTANT COMMENTS
8	11/18/20	REVISED PER PUBLIC HEARING COMMENTS
9	12/23/20	REVISED PER ENGINEER COMMENTS

DRAWING STATUS		ISSUE DATE: 12/23/2020	
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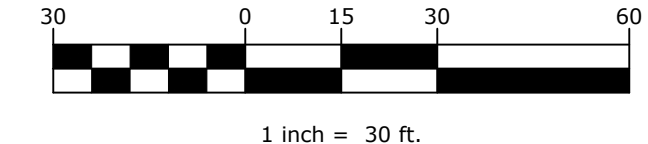
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J. Samuel

JAY SAMUELSON, P.E.
NEW YORK LICENSE # 080023

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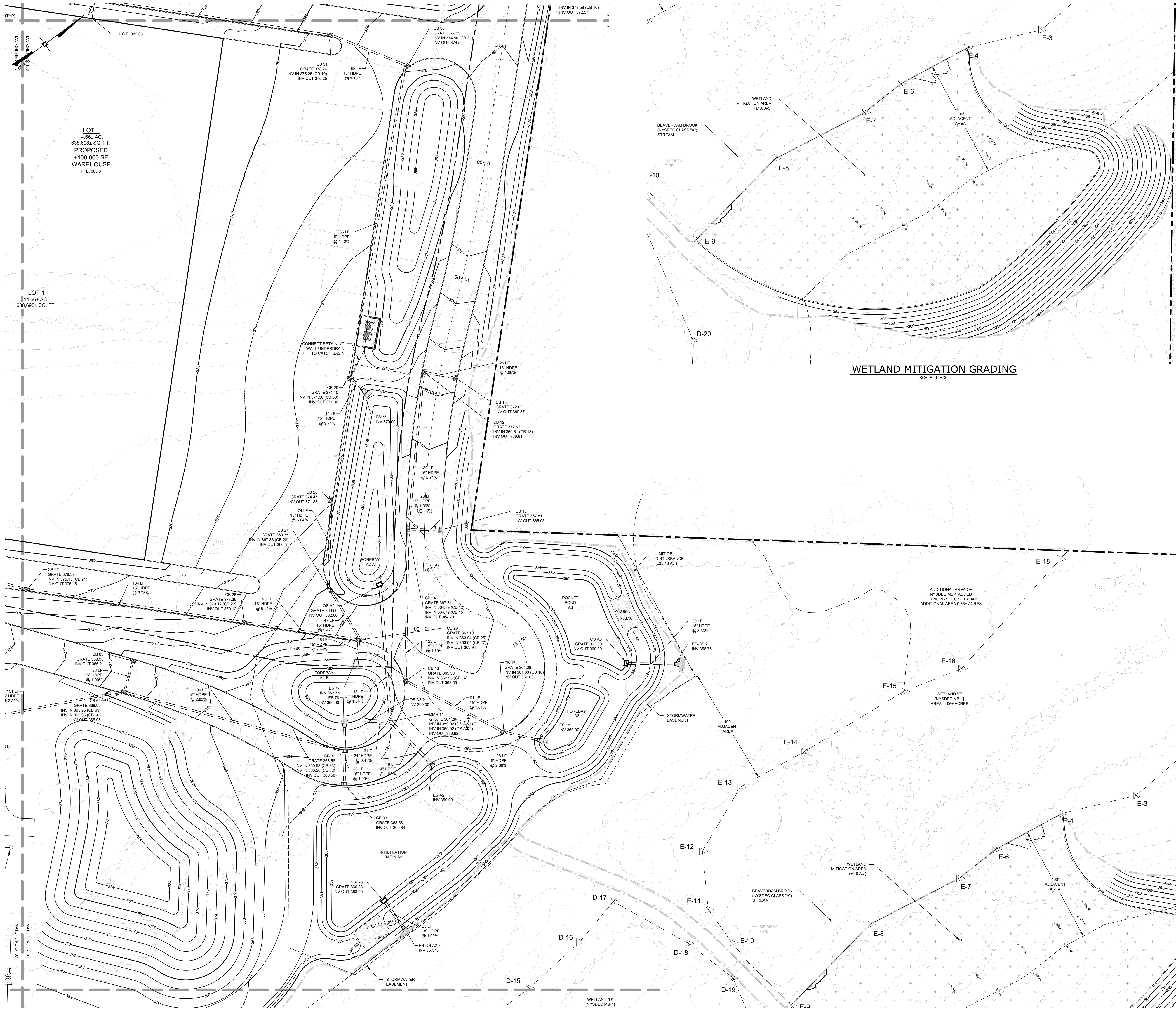


GRADING & UTILITY PLAN

RDM WAREHOUSES
230 NEELYTOWN ROAD
TOWN OF HAMPTONBURGH
ORANGE COUNTY, NEW YORK

JOB #:	1284.02	DRAWN BY:	JS	C-106
DATE:	01/23/19	SCALE:	1" = 30'	
REVISION:	9 - 12/23/2020	TAX LOT:	1-1-6	

C-106



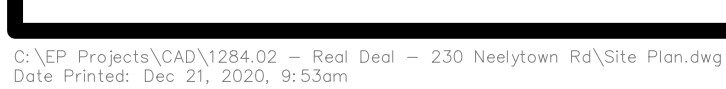


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<input type="checkbox"/> FOR BID	N/A	OF	N/A
<input type="checkbox"/> FOR CONSTRUCTION	N/A	OF	N/A

30 0 15 30 60

1 inch = 30 ft.


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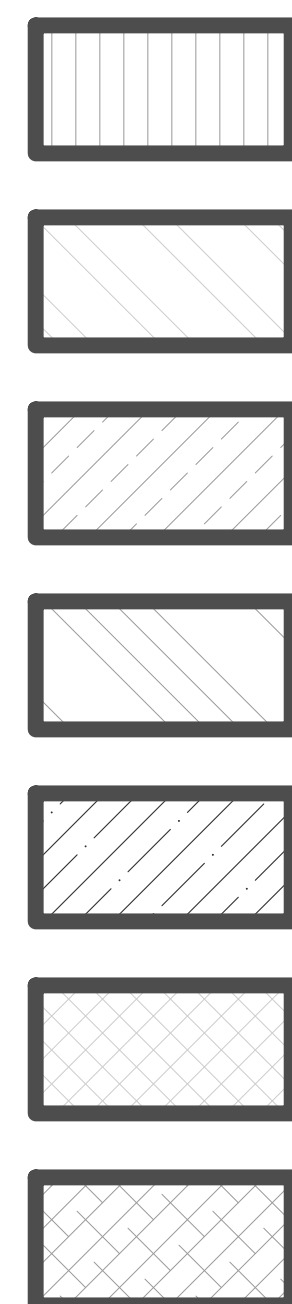
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	<p>GRADING & UTILITY PLAN</p>	
	<p>RDM WAREHOUSES</p> <p>230 NEELYTOWN ROAD</p> <p>TOWN OF HAMPTONBURGH</p> <p>ORANGE COUNTY, NEW YORK</p>	
	<p>JOB #: 1284-02</p>	<p>DRAWN BY: JS</p>
<p>DATE: 01/23/19</p>	<p>SCALE: 1" = 30'</p>	
<p>REVISION: 9 - 12/23/2020</p>	<p>TAX LOT: 3-1-6</p>	

CONSTRUCTION PHASING NOTES

- ADDITIONAL NOTATION REGARDING SEQUENCING OF CONSTRUCTION, EROSION & SEDIMENT CONTROL, EARTHWORK CONSTRUCTION, AND BLASTING PROTOCOLS ARE DETAILED ON SHEET 06-01. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THIS DOCUMENT TO BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY FOR CLARIFICATION.
- TOTAL AREA OF DISTURBANCE IS ESTIMATED AT ±35.48 ACRES
- A PRE-CONSTRUCTION NOTIFICATION AND MEETING WILL BE REQUIRED WITH APPROPRIATE MUNICIPALITY AND UTILITY OFFICIALS AT LEAST 7 DAYS PRIOR TO START OF CONSTRUCTION.
- ANY PHASE WITH DISTURBANCE WITHIN 10 FEET TO ANY PORTION OF THE NEW YORK STATE OR FEDERAL HIGHWAY OR AIRPORT SHALL BE CONSIDERED A SPECIAL DISTURBED AREA. SUCH AN AREA SHALL HAVE ORANGE CONSTRUCTION FENCE STAKED ALONG THE DISTURBANCE LIMIT PRIOR TO ANY CONSTRUCTION WITHIN THAT PHASE OCCURS.
- TEMPORARY EROSION CONTROL MEASURES, SILT FENCES, SEDIMENT TRAP-BASINS, SLOPE PROTECTION, AND EROSION CONTROL MATS SHALL BE INSTALLED IN ACCORDANCE TO GRASSLAND PROTECTION FOR GRADING AND CONSTRUCTION.
- PHASE 1 SHALL CONSIST OF CONSTRUCTION OF THE NEELYTOWN ROAD CULVERT, THE PRIVATE ROADWAY, ASSOCIATED STORMWATER FACILITIES (<2.83) AND, THE WETLAND AND BUILTUP AREA REPAIRS AND REGRADING. ALL SUBSURFACE AND SURFACE DRAINAGE AND FILLS AS NECESSARY TO ESTABLISH SUBGRADE, ALL SURBASING STORMWATER INFRASTRUCTURE SHALL BE INSTALLED PER THE PLAN DESIGN FOR THE STORMWATER FACILITIES. ADDITIONAL UTILITIES SHALL BE LOCATED AND DEPTH VERIFIED BY FIELD SURVEY TO CUT TO FINAL GRADE DURING CONSTRUCTION AND SHALL ONLY BE CUT TO FINAL GRADE AFTER THE STORMWATER FACILITIES ARE COMPLETED. ALL EXISTING AND NEW WETLAND MITIGATION AREA SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NYSDOP APPROVED WETLAND MITIGATION PLANS.
- PHASE 2 SHALL CONSIST OF LOT 1 CONSTRUCTION, WHICH INCLUDES A 1600 SQ. FT. BUILDING, 100' X 100' DRIVEWAY, 100' X 100' DRIVEWAY, 100' X 100' DRIVEWAY, SEPTIC SYSTEM, THE WATER SERVICE LINE FROM THE EXISTING DRILLED WELL, AND REQUIRED STORMWATER FACILITIES. PHASE 3 SHALL CONSIST OF CONSTRUCTION OF THE STORMWATER FACILITIES AND THE EMERGENCY ACCESS ROADWAY FROM NEELYTOWN ROAD TO THE PARKING AREA OF LOT 1 ALONG WITH THE WATERMAIN FROM THE EXISTING WELL SITE TO THE BUILDING AND THE CONC. DRIVEWAY. PHASE 4 SHALL CONSIST OF THE GRASSLAND REPAIR SHALL BE TAKEN TO ENSURE THAT THE INFILTRATION BASIN IS NOT CUT TO FINAL GRADE. CONSTRUCTION OF THE INFILTRATION BASIN SHALL BE TAKEN UPON STABILIZATION OF THE BUILDING, ROADWAY, PARKING AND LOADING AREAS FOR LOT 1. PHASE 2 SHALL CONSIST OF THE LOT 1 BUILDING, PARKING AREAS, TRUCK LOADING DOCK AREA AND LANDSCAPE SUBGRADE.
- PHASE 3 SHALL CONSIST OF LOT 2 CONSTRUCTION, WHICH INCLUDES A 2400 SQ. FT. BUILDING, ASSOCIATED PARKING AND LOADING AREAS, INDIVIDUAL SUBSURFACE SEPTIC SYSTEM, THE WATER SERVICE LINE FROM THE EXISTING DRILLED WELL AND REQUIRED STORMWATER FACILITIES. PHASE 4 SHALL CONSIST OF CONSTRUCTION OF THE STORMWATER FACILITIES. PHASE 5 SHALL CONSIST OF THE CONSTRUCTION OF STORMWATER FACILITY A1. PHASE 3 SHALL CONSIST OF CONSTRUCTION OF THE STORMWATER FACILITIES. PHASE 4 SHALL CONSIST OF CONSTRUCTION OF THE 2400 SQ. FT. BUILDING ALONG WITH ASSOCIATED PARKING AND LOADING AREAS. PHASE 5 SHALL CONSIST OF CONSTRUCTION OF THE LANDSCAPE SUBGRADE.
- IN AN ATTEMPT TO BALANCE THE SITE WITH REGARDS TO EARTH MOVEMENT, THERE WILL BE A NEED TO HAVE GREATER THAN 5% CUTS OR DISTURBED AT ANY TIME DURING PHASE 2 AND PHASE 3 DUE TO THE SIZE OF THE BUILDINGS, THE REQUIREMENTS FOR PAVING, AND THE REQUIREMENTS FOR LOT 1. PHASE 2 SHALL CONSIST OF CONSTRUCTION OF THE STORMWATER FACILITIES. PHASE 3 SHALL CONSIST OF CONSTRUCTION OF THE STORMWATER FACILITIES. PHASE 4 SHALL CONSIST OF CONSTRUCTION OF THE 2400 SQ. FT. BUILDING ALONG WITH ASSOCIATED PARKING AND LOADING AREAS. PHASE 5 SHALL CONSIST OF CONSTRUCTION OF THE LANDSCAPE SUBGRADE. THE LARGE AMOUNTS OF CUTS AND FILLS, ADDITIONAL STORMWATER FACILITIES, AND THE CONSTRUCTION OF THE BUILDING, ROADWAY, PARKING AND LOADING AREAS FOR SITES WITH GREATER THAN 5 ACRES OF DISTURBANCE AT ANY ONE TIME ARE LISTED BELOW.
- REQUIRED CONSTRUCTION SITE INSPECTIONS BY A QUALIFIED INSPECTOR SHALL OCCUR TWO TIMES EVERY SEVEN (7) DAYS WITH A MINIMUM OF TWO (2) FULL DAYS OF FIELD OBSERVATIONS.
- IN AREAS WHERE DISTURBANCE HAS TEMPORARILY OR PERMANENTLY OCCURRED, STABILIZATION SHALL BE IMPLEMENTED WITHIN SEVEN (7) DAYS FROM THE COMPLETION OF THE DISTURBANCE.
- AS MANY OF THE PHASES WILL REQUIRE DISTURBANCE OF THE SAME AREA IN MULTIPLE PHASES, THE TOTAL DISTURBANCE OF ALL THE PHASES WILL BE GREATER THAN THE ACTUAL DISTURBANCE. AS CONSTRUCTION PROGRESSES WITH EACH PHASE, DISTURBED AREAS WILL BE RESTORED TO ORIGINAL CONDITION. THE DISTURBED AREAS WILL BE RESTORED TO MAXIMIZE EFFICIENCY OF EARTHWORK, UTILITIES, PAVING, ETC. THERE ARE SEVERAL AREAS OF DISTURBANCE THAT WILL BE COMMON TO MULTIPLE PHASES. THE FOLLOWING IS THE OVERALL DISTURBANCE AREA OF EACH PHASE. THE TOTAL AREA OF DISTURBANCE IS ±35.48 AC. BUT AS NOTED PREVIOUSLY, EACH PHASE MAY CONTAIN OVERLAPPING AREAS OF DISTURBANCE.
- THE MAXIMUM DISTURBANCE AREA IN EACH OF THE CONSTRUCTION PHASING AREAS IS 100.00 AC.

- PHASE 1 - ± 4.88 Ac.
PHASE 2 - ± 9.14 Ac.
PHASE 2-1: ± 3 .
PHASE 2-2: ± 6 .
PHASE 3 - ± 21.72 Ac.
PHASE 3-1: ± 5 .
PHASE 3-2: ± 1 .
PHASE 3-3: ± 16 .
PHASE 3-4: ± 0 .



PHASE 1

PHASE 2-1

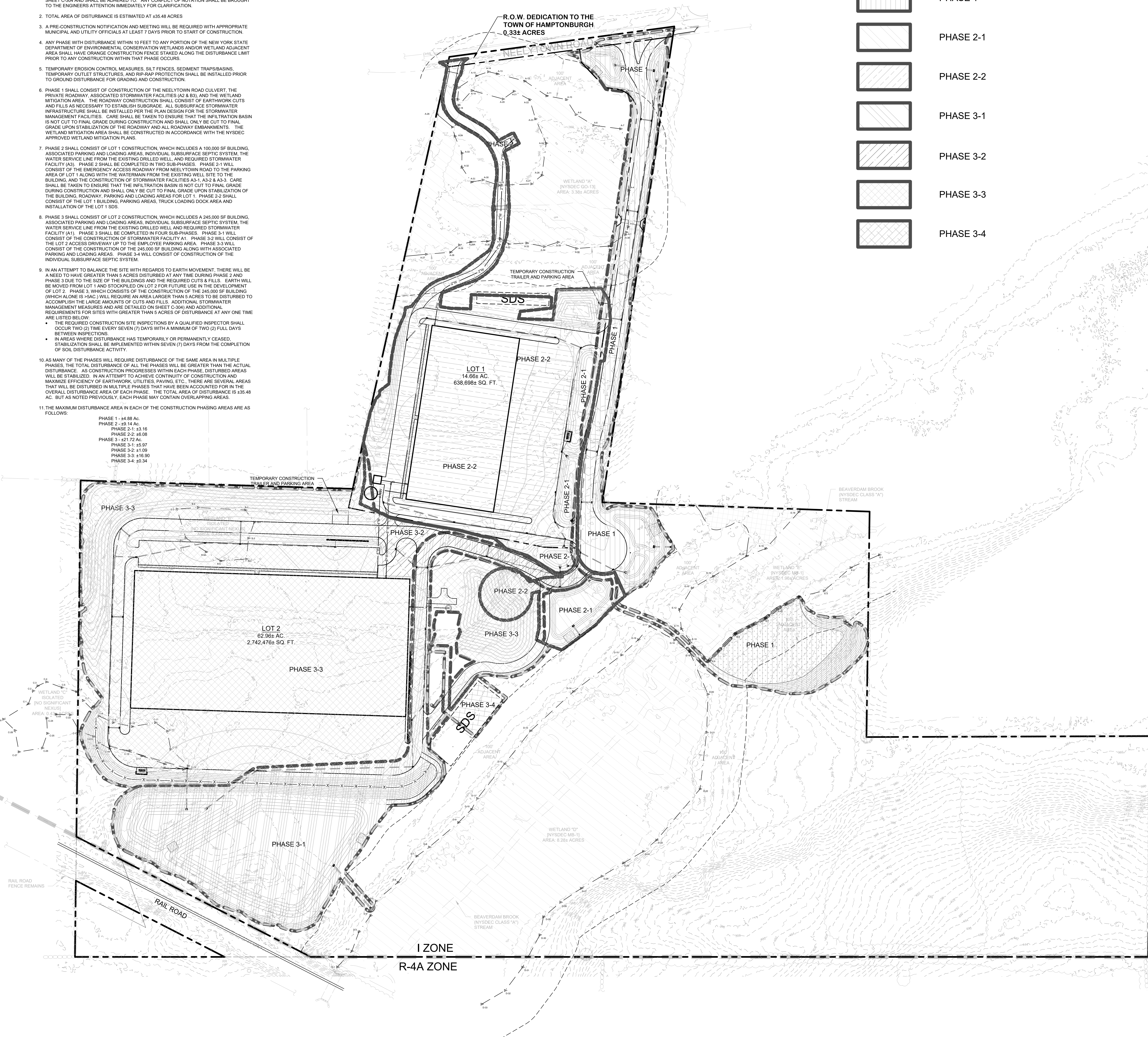
PHASE 2-2

PHASE 3-1

PHASE 3-2

PHASE 3-3

PHASE 3-4

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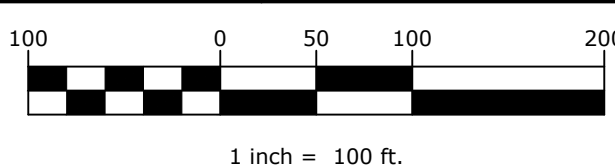
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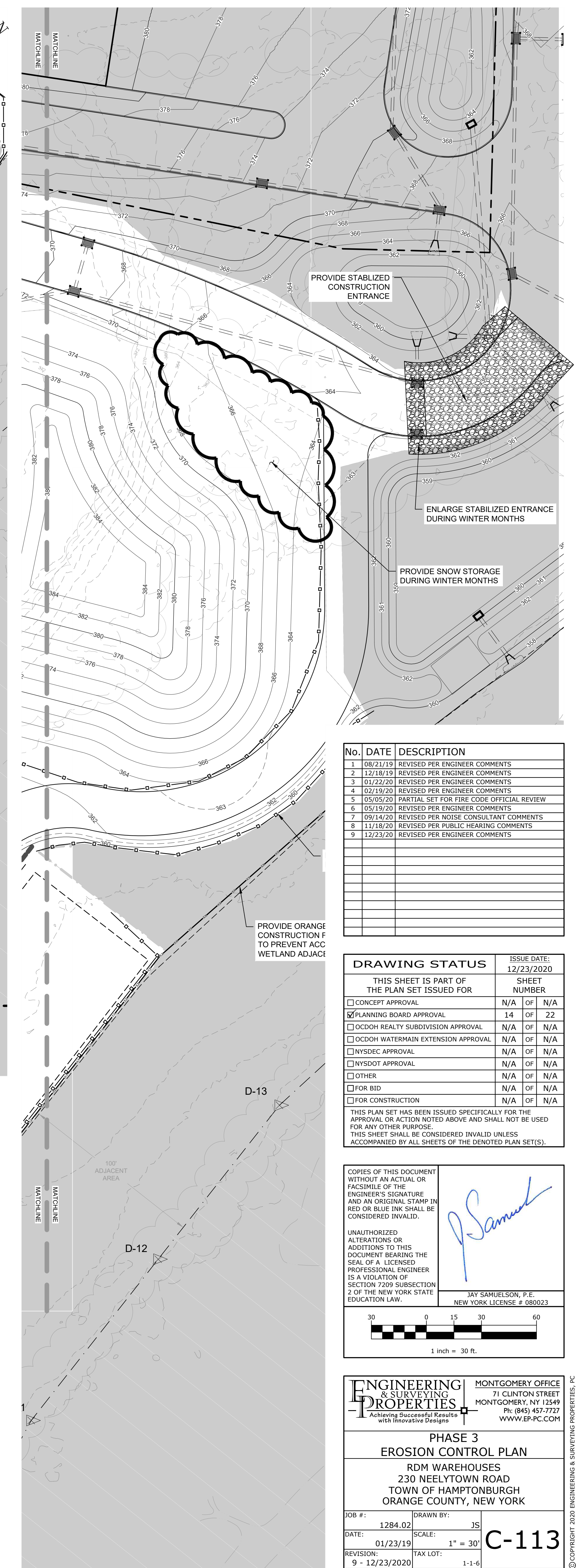
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OVERALL PHASING PLAN

RDM WAREHOUSES
230 NEELYTOWN ROAD
TOWN OF HAMPTONBURGH
ORANGE COUNTY, NEW YORK

JOB #:	1284.02	DRAWN BY:	JS
DATE:	01/23/19	SCALE:	1" = 100'
REVISION:	9 - 12/23/2020	TAX LOT:	1-1-6

C-110

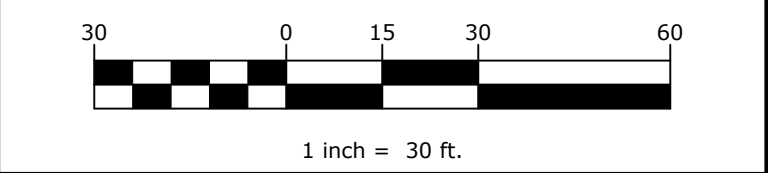




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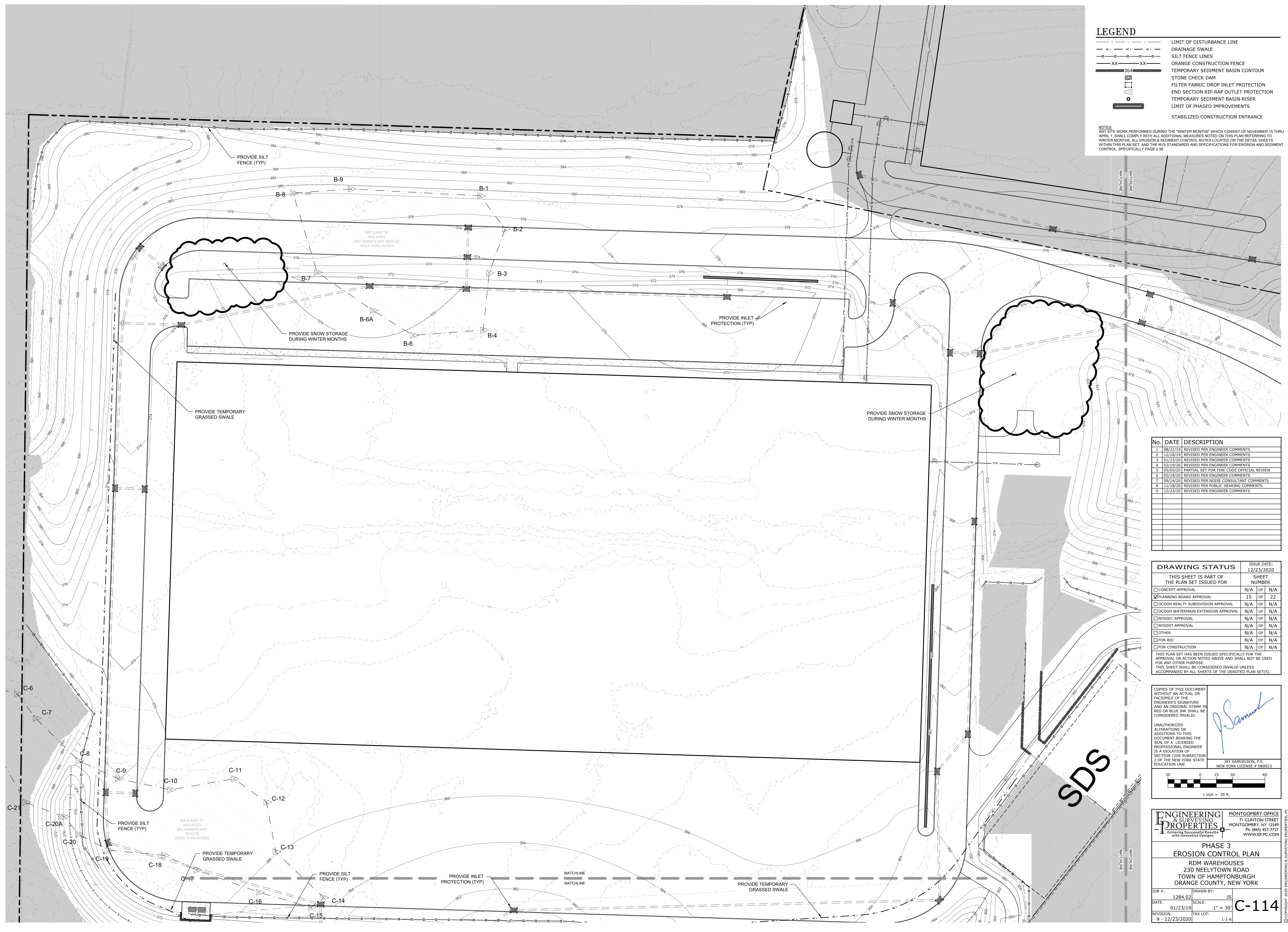
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	PHASE 3 EROSION CONTROL PLAN RDM WAREHOUSES 230 NEELEYTOWN ROAD TOWN OF HAMPTON HURD ORANGE COUNTY, NEW YORK	
JOB # : 1284.02 DATE : 01/23/17 REVISION : 9 - 12/23/2010	DRAWN BY : JS SCALE : 1" = 30' TAX LOT : 11-6	 C-113

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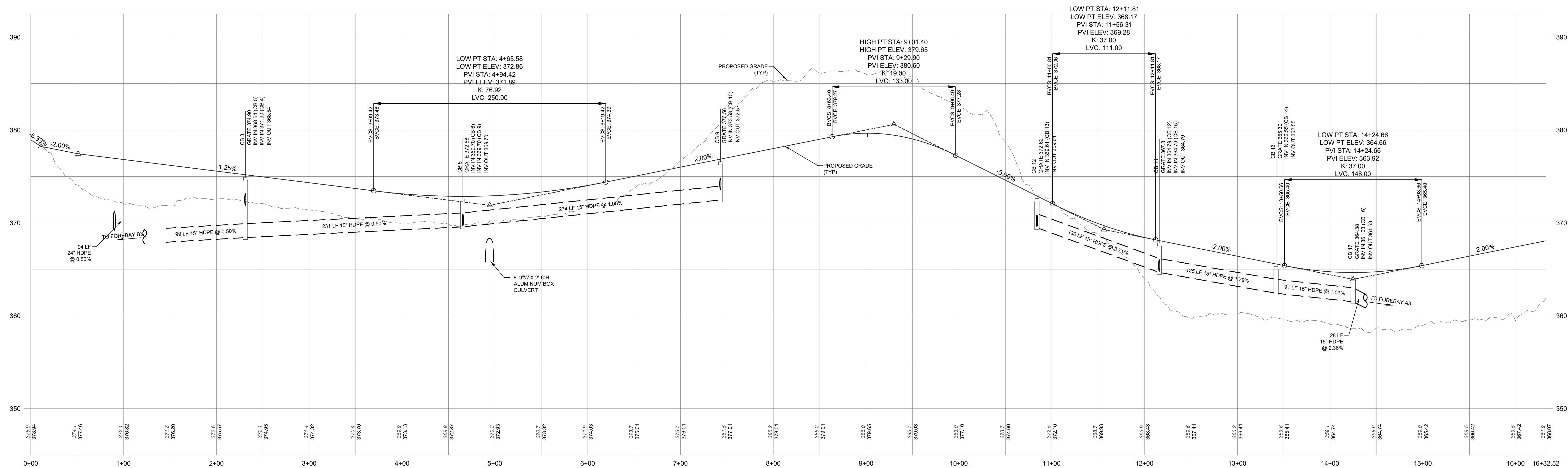
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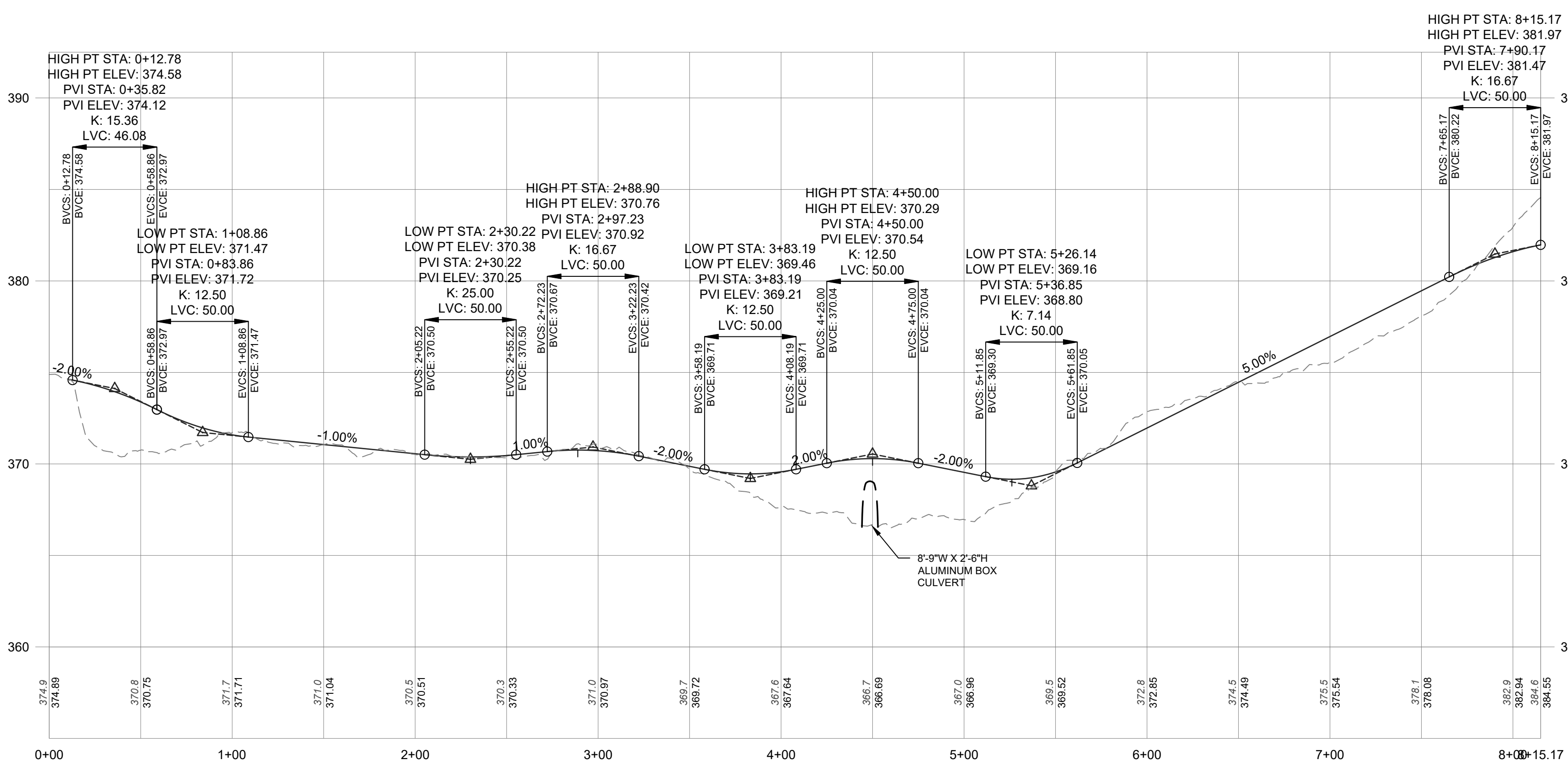
PHASE 3 EROSION CONTROL PLAN
RDM WAREHOUSES 230 NEELYTOWN ROAD TOWN OF HAMPTONBURGH ORANGE COUNTY, NEW YORK

JOB #:	1284.02	DRAWN BY:	JS	C-114
DATE:	01/23/19	SCALE:	1" = 30'	
REVISION:	9 - 12/23/2020	TAX LOT:	1-1-6	

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SCALE: 1" = 50'H
1" = 5' V



SCALE: 1" = 50' H
1" = 5' V

DRAWING STATUS		ISSUE DATE: 12/23/2020	
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR		SHEET NUMBER	
<input type="checkbox"/> CONCEPT APPROVAL		N/A	OF N/A
<input checked="" type="checkbox"/> PLANNING BOARD APPROVAL		16	OF 22
<input type="checkbox"/> OGDH REALTY SUBDIVISION APPROVAL		N/A	OF N/A
<input type="checkbox"/> OGDH WATERMAIN EXTENSION APPROVAL		N/A	OF N/A
<input type="checkbox"/> NYSDEC APPROVAL		N/A	OF N/A
<input type="checkbox"/> NYSDOT APPROVAL		N/A	OF N/A
<input type="checkbox"/> OTHER		N/A	OF N/A
<input type="checkbox"/> FOR BID		N/A	OF N/A
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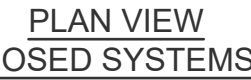
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LOT #	PERC HOLE #	PERC HOLE DEPTH	PERC HOLE DIA	TIME	PERCOLATION TEST RUNS (TIME FOR 1" DROP IN WATER LEVEL)					STABILIZED RATE	
1	12/27/18 1	24"	12"	FINISH	STOPWATCH USED FOR TIMING OF TEST RUNS					2 MIN	
				START							
				TIME	0:00:56	0:01:01	0:01:02				
1	12/27/18 2	24"	12"	FINISH	STOPWATCH USED FOR TIMING OF TEST RUNS					3 MIN	
				START							
				TIME	0:01:58	0:02:32	0:02:25	0:02:26			
1	12/27/18 3	24"	12"	FINISH	STOPWATCH USED FOR TIMING OF TEST RUNS					10 MIN	
				START							
				TIME	0:05:44	0:09:18	0:09:20				
1	12/27/18 4	24"	12"	FINISH	STOPWATCH USED FOR TIMING OF TEST RUNS					3 MIN	
				START							
				TIME	0:01:36	0:01:55	0:02:04				
2	01/15/19 1	24"	12"	FINISH	STOPWATCH USED FOR TIMING OF TEST RUNS					9 MIN	
				START							
				TIME	0:06:47	0:07:29	0:08:12				
2	01/15/19 2	24"	12"	FINISH	STOPWATCH USED FOR TIMING OF TEST RUNS					3 MIN	
				START							
				TIME	0:02:08	0:02:45	0:02:52				
2	01/15/19 3	24"	12"	FINISH	STOPWATCH USED FOR TIMING OF TEST RUNS					12 MIN	
				START							
				TIME	0:09:41	0:10:30	0:11:01				
2	01/15/19 4	24"	12"	FINISH	STOPWATCH USED FOR TIMING OF TEST RUNS					4 MIN	
				START							
				TIME	0:01:16	0:02:27	0:02:57	0:03:31	0:03:36		

LOT #	TEST HOLE #	DATE	DEPTH	DESCRIPTION
1	TP 01	01/10/19	0'-4" 4'-30" 30'-60" 60'-90"	TOPSOIL TAN SILTY SANDY GRAVELLY LOAM BROWN GRAVELLY LOAM TAN SILTY SANDY CLAY LOAM GROUNDWATER @ 68", NO MOTTLING, NO ROCK
1	TP 02	01/10/19	0'-10" 10'-14" 44'-68" 68'-90"	TOPSOIL TAN SILTY SANDY LOAM BROWN GRAVELLY LOAM W COBBLES TAN SILTY GRAVELLY CLAY LOAM GROUNDWATER @ 85", NO MOTTLING, NO ROCK
1	TP 03	01/10/19	0'-4" 4'-20" 20'-44" 50'-90"	TOPSOIL TAN SILTY LOAM BROWN SILTY SANDY CLAY LOAM W COBBLES BROWN SILTY GRAVELLY CLAY LOAM GROUNDWATER @ 78" NO MOTTLING, NO ROCK
1	TP 04	01/10/19	0'-5" 5'-25" 25'-54" 64'-90"	TOPSOIL TAN SILTY LOAM BROWN SILTY SANDY GRAVELLY CLAY LOAM BROWN SILTY SANDY GRAVELLY LOAM W COBBLES GROUNDWATER @ 72", NO MOTTLING, NO ROCK
2	TP 05	01/10/19	0'-10" 10'-21" 21'-48" 48'-90"	TOPSOIL TAN SILT BLACK SANDY GRAVEL BROWN SILTY SANDY GRAVELLY LOAM W COBBLES GROUNDWATER @ 70", NO ROCK, NO MOTTLING
2	TP 06	01/10/19	0'-8" 8'-30" 30'-48" 48'-105"	TOPSOIL TAN SILTY LOAM BROWN SILTY SANDY GRAVELLY LOAM TAN SILTY CLAY SANDY LOAM GROUNDWATER @ 84", MOTTLING @ 64", NO ROCK
2	TP 07	01/10/19	0'-12" 12'-44" 44'-60" 60'-90"	TOPSOIL TAN SILTY LOAM BLACK SANDY GRAVEL W COBBLES GROUNDWATER @ 84", NO MOTTLING, NO ROCK
2	TP 08	01/10/19	0'-12" 12'-30" 30'-68" 68'-90"	TOPSOIL TAN SILTY LOAM BROWN SILTY SANDY LOAM TAN GRAVELLY LOAM W COBBLES GROUNDWATER @ 72", NO MOTTLING, NO ROCK

LOT#	STABILIZE PERC RATE (min)	FLOW RATE (GPD)	APPLICATION RATE (GPD/Sq. ft.)	REQUIRED AREA (Sq. ft.)	REQUIRED ABSORPTION FIELD LENGTH (ft.) (BASED UPON 2" WIDE TRENCH)	PROPOSED ABSORPTION FIELD LENGTH (ft.)
1	10	900	0.90	1000	500	6 LATERALS @ 85' = 510'
2	12	2175	0.80	2719	1360	14 LATERALS @ 100' = 1,400'



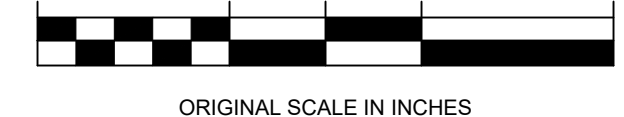
2. SEPTIC TANK TO BE LOCATED A MINIMUM DISTANCE OF 10 FEET FROM THE BUILDING.
3. THERE SHALL BE NO RE-GRADING, EXCEPT AS SHOWN ON THE APPROVED PLANS, IN THE AREA OF THE ABSORPTION FIELDS.
4. ROOF DRAINS OR FOOTING DRAINS SHALL NOT BE DISCHARGED IN THE VICINITY OF THE TILE FIELDS OR WELLS.
5. DRIVEWAYS AND OTHER STRUCTURES THAT MAY COMPACT THE SOIL ARE NOT TO BE CONSTRUCTED OVER TILE FIELDS.
6. ASPHALTIC SEALS SHALL BE MAINTAINED BETWEEN THE SEPTIC TANK, AND ALL PIPES AND COVERS.
7. NO TRENCHES TO BE INSTALLED IN WEI SOIL.
8. RAKE SIDES AND BOTTOM OF TRENCH PRIOR TO PLACING GRAVEL IN ABSORPTION TRENCH.
9. GROUT ALL PIPE PENETRATIONS INTO AND OUT OF ANY DISTRIBUTION OR DROP BOX.
10. ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS AS SET FORTH IN THE PUBLICATION "NEW YORK STATE DESIGN STANDARDS FOR INTERMEDIATE SIZE WASTEWATER TREATMENT SYSTEMS 2014," OF THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION.
11. ABSORPTION TRENCH PIPE TO BE CAPPED AT END.
12. SEPTIC TANK JOINTS MUST BE SEALED AND TESTED FOR WATERTIGHTNESS.
13. PROVIDE 30" OF SOIL PIPE PRIOR TO START OF PERFORATED ABSORPTION PIPE AND BE BACKFILLED WITH NATIVE MATERIAL.
14. THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK (OR ANY PUMPING OR DOSING CHAMBER TO THE TRENCH), THERE SHALL BE NO UNDESIRABLE MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE ABSORPTION FIELD AREA BEFORE, DURING, OR AFTER CONSTRUCTION. EXTREME CARE MUST BE TAKEN DURING THE ACTUAL CONSTRUCTION SO AS TO AVOID ANY UNIQUE COMPACTATION THAT COULD RESULT IN A CHANGE OF ABSORPTION CAPACITY OF THE SOIL. ON/ONCH THE DESIGN WAS BASED.
15. HEAVY EQUIPMENT SHALL BE KEPT OFF OF THE ABSORPTION FIELDS EXCEPT DURING THE ACTUAL CONSTRUCTION. THERE SHALL BE NO UNDESIRABLE MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE ABSORPTION FIELD AREA BEFORE, DURING, OR AFTER CONSTRUCTION. EXTREME CARE MUST BE TAKEN DURING THE ACTUAL CONSTRUCTION SO AS TO AVOID ANY UNIQUE COMPACTATION THAT COULD RESULT IN A CHANGE OF ABSORPTION CAPACITY OF THE SOIL. ON/ONCH THE DESIGN WAS BASED.
16. A POLICY OF CLEAN SCRAPING ANY SOLIDS FROM THE WASTE STREAM BEFORE DISCHARGE INTO THE DISPOSAL SYSTEM IS REQUIRED. USE OF CURTAIN GRINDERS WITHIN THE FACILITY SHALL REQUIRE THE REVIEW AND APPROVAL OF THE LOCAL HEALTH DEPARTMENT AND THE STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION.

SCALE: N.T.S

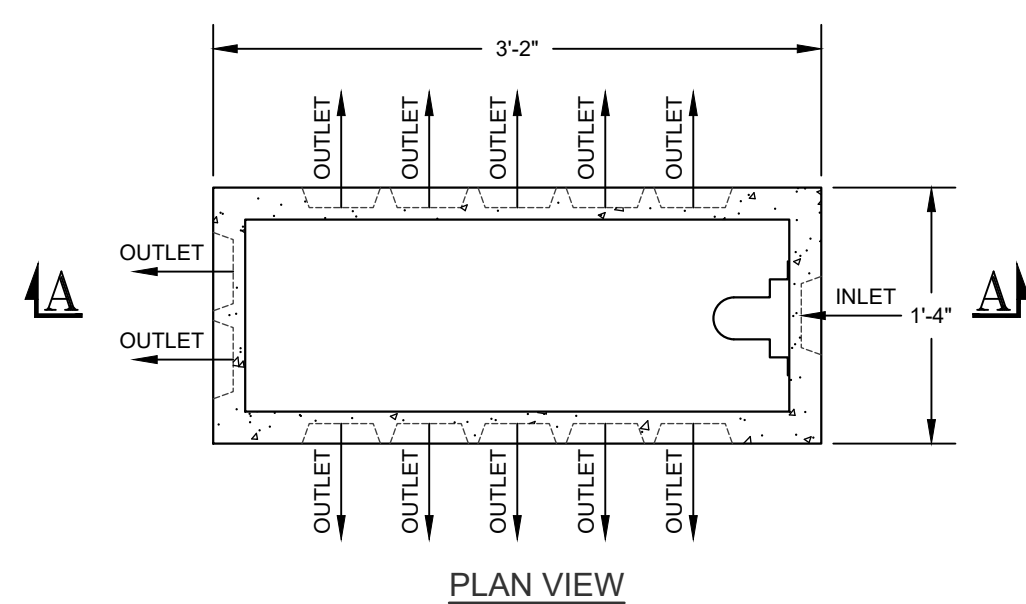
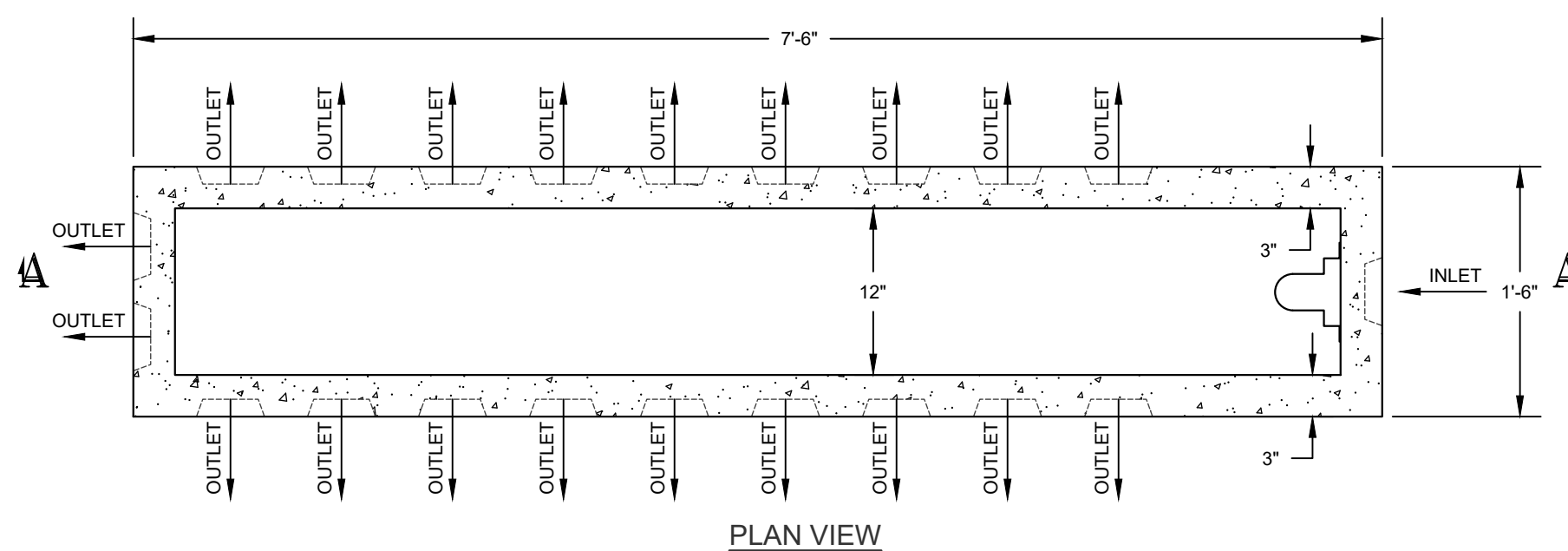
1. THE DESIGN AND LOCATION OF SANITARY FACILITIES (WATER AND SEWER SYSTEMS) SHALL NOT BE CHANGED.
2. BEFORE ANY SITE DISTURBANCE, ORANGE CONSTRUCTION FENCE SHALL BE INSTALLED ON THE PERIMETER OF THE PROPOSED SEWAGE DISPOSAL FIELD AS SHOWN ON THIS PLAN. THIS AREA SHALL REMAIN FREE OF DISTURBANCE UNTIL THE SEWAGE DISPOSAL FACILITIES AT THIS SITE ARE INSTALLED. STRIPPING OF TOPSOIL IN THIS AREA IS STRICTLY PROHIBITED.
3. A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER (OR THEIR DESIGN PROFESSIONAL AS ALLOWED BY THE NYS EDUCATION DEPARTMENT) SHALL INSPECT THE SANITARY FACILITIES (WATER SUPPLY, AND SEWAGE TREATMENT AND SEWAGE DISPOSAL FACILITIES) AT THE END OF CONSTRUCTION PRIOR TO OCCUPANCY OF THE DWELLING. THE ENGINEER SHALL CERTIFY TO THE ORANGE COUNTY DEPARTMENT OF HEALTH AND LOCAL GOVERNMENT THAT THE SANITARY FACILITIES HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND THAT ANY SEPTIC TANK JOINTS HAVE BEEN SEALED AND THAT THE WATER TIGHTNESS OF THE ENTIRE NYSDEC-NEEDED COMPLETION REPORT SHALL ALSO BE PROVIDED.

DRAWING STATUS		ISSUE DATE: 12/23/2020	
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR		SHEET NUMBER	
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<input type="checkbox"/> OGDH FINAL SUBDIVISION APPROVAL		N/A	OF N/A
<input type="checkbox"/> OGDH WATERMAIN EXTENSION APPROVAL		N/A	OF N/A
<input type="checkbox"/> MYSDEC APPROVAL		N/A	OF N/A
<input type="checkbox"/> MYSOTD APPROVAL		N/A	OF N/A
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<input type="checkbox"/> FOR BID		N/A	OF N/A
<input type="checkbox"/> FOR CONSTRUCTION		N/A	OF N/A

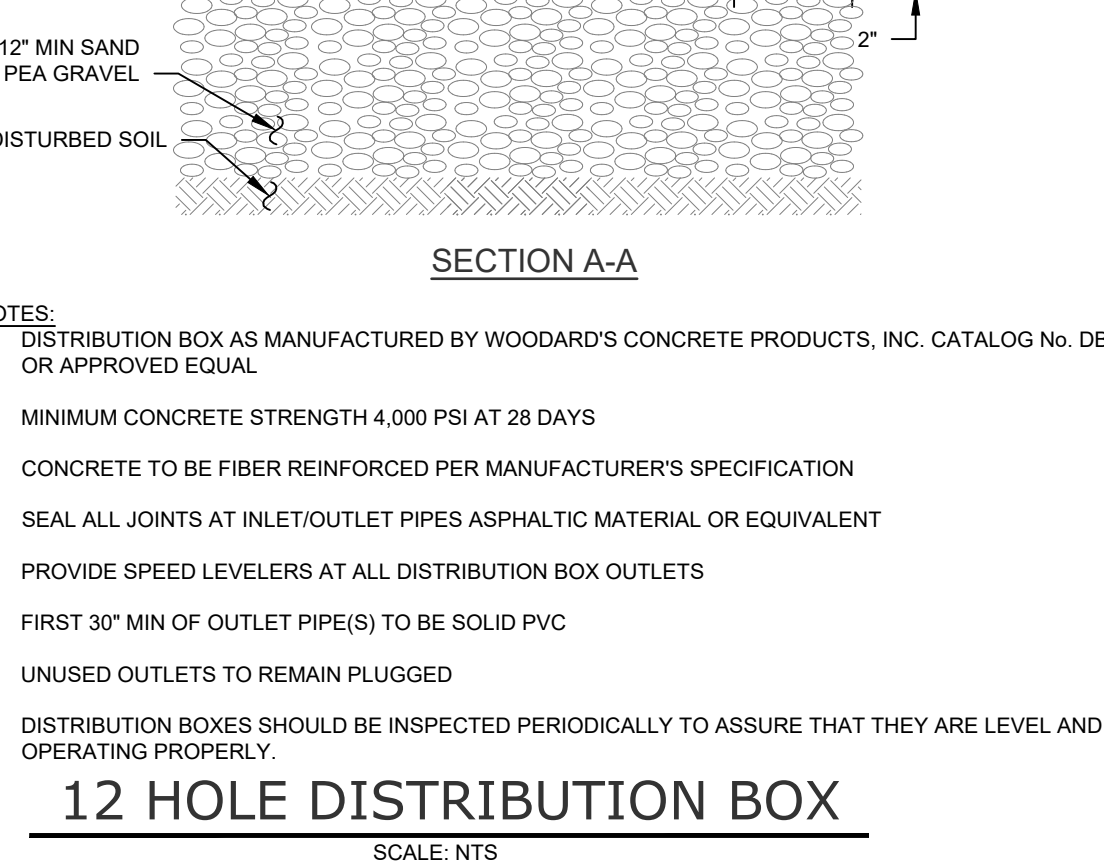
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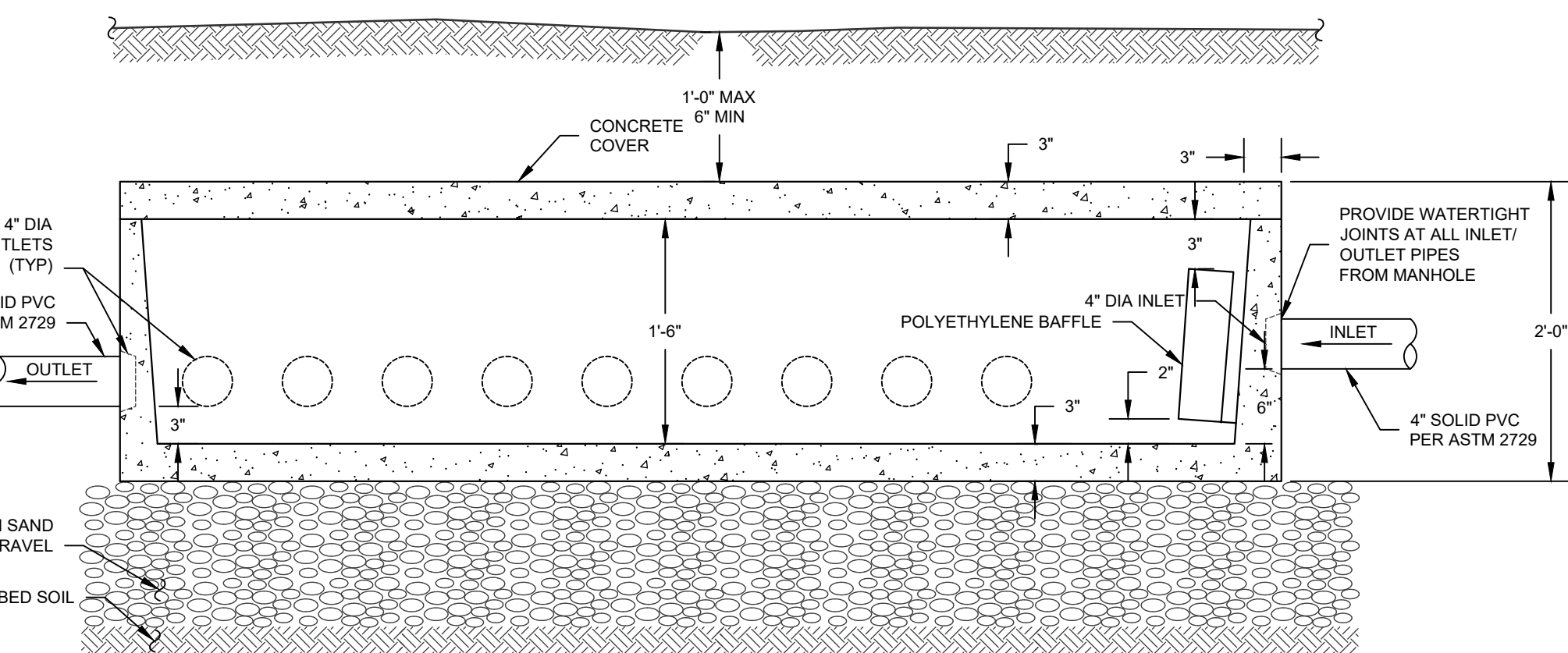
<p align="center">DETAILS</p> <p align="center">RDM WAREHOUSES 230 NEELYTOWN ROAD TOWN OF HAMPTONBURGH ORANGE COUNTY, NEW YORK</p>			
JOB #:	1284.02	DRAWN BY:	JS
DATE:	01/23/19	SCALE:	AS NOTED
REVISION:	9 - 12/23/2020	TAX LOT:	1-1-6



1. **NOTE:**
DISTRIBUTION BOX AS MANUFACTURED BY WOODWARD'S CONCRETE PRODUCTS, INC. CATALOG NO. DB-12
OR APPROVED EQUAL
2. MINIMUM CONCRETE STRENGTH 4,000 PSI AT 28 DAYS
3. CONCRETE TO BE FIBER REINFORCED PER MANUFACTURER'S SPECIFICATION
4. SEAL ALL JOINTS AT INLET/OUTLET PIPES ASPHALTIC MATERIAL OR EQUIVALENT
5. PROVIDE SPEED LEVELERS AT ALL DISTRIBUTION BOX OUTLETS
6. FIRST 30' MIN OF OUTLET PIPE(S) TO BE SOLID PVC
7. UNUSED OUTLETS TO REMAIN PLUGGED
8. DISTRIBUTION BOXES SHOULD BE INSPECTED PERIODICALLY TO ASSURE THAT THEY ARE LEVEL AND OPERATING PROPER



12 HOLE DISTRIBUTION BOX

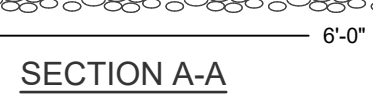


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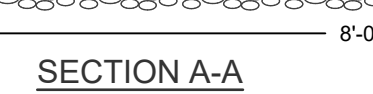
1. DISTRIBUTION BOX AS MANUFACTURED BY WOODWARD'S CONCRETE PRODUCTS, INSTALLED TO MEET OR EXCEED APPROVED EQUALS.
2. MINIMUM CONCRETE STRENGTH 4,000 PSI AT 28 DAYS
3. CONCRETE TO BE FIBER REINFORCED PER MANUFACTURER'S SPECIFICATION
4. SEAL ALL JOINTS AT INLET/OUTLET PIPES AS PRACTICAL MATERIAL OR EQUIVALENT
5. PROVIDE SPEED LEVELERS AT ALL DISTRIBUTION BOX OUTLETS
6. FIRST 30' MIN OF OUTLET PIPES) TO BE SLOPED PVC
7. UNUSED OUTLETS TO REMAIN PLUGGED
8. THE FIRST 10' OF ALL PIPES OUT OF THE BOX MUST BE SET AT THE SAME SLOPE
9. THE OUTLETS SHALL BE USED AS SHOWN ON THE PLANS AS TO BE IN A MANNER THAT NO DESIGN IS REQUIRED, THE EXISTING LATERALS WILL NOT BE DISTURBED.
10. ALL INVERTS OF THE OUTLETS MUST BE IDENTICAL.

20 HOLE DISTRIBUTION BOX

SCALE: 1"=1'-0"



SCALE: NTS




SCALE: NTS




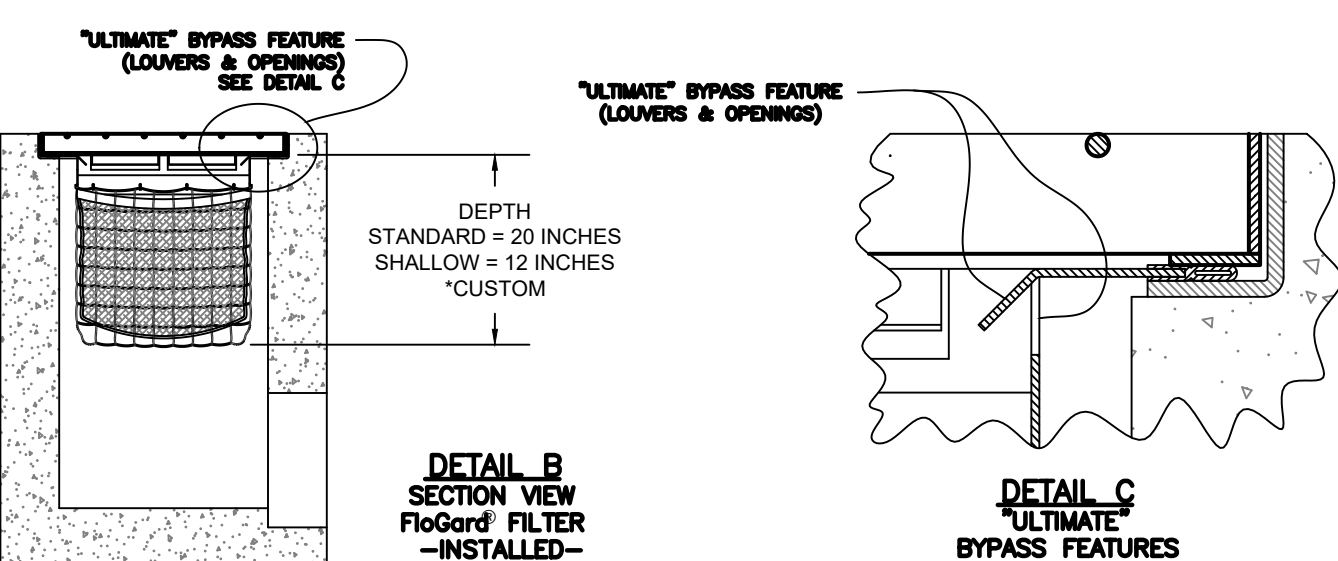
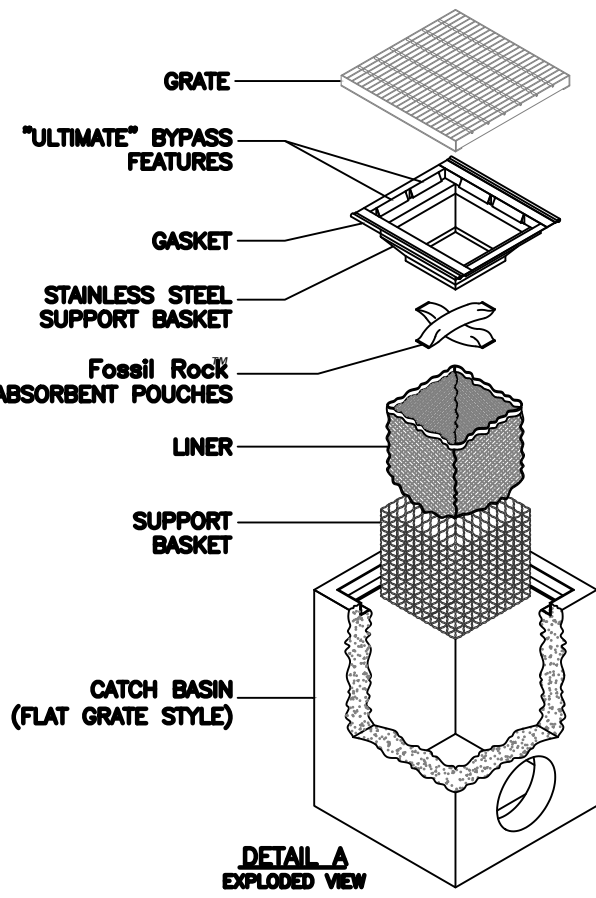
TEST HOLE #	TEST HOLE DEPTH	TEST HOLE DIA	TIME	INFILTRATION TEST RUNS (WATER DROP IN INCHES OVER ONE HOUR)				AVERAGE DROP
12/27/18 IT-01	24"	8"	START	10:01 AM	11:03 AM	12:10 PM	1:15 PM	0.50
			FINISH	11:01 AM	12:03 PM	1:10 PM	2:15 PM	
			DROP	0.50	0.50	0.50	0.50	
12/27/18 IT-02	24"	8"	START	9:50 AM	10:59 AM	12:05 PM	1:10 PM	0.50
			FINISH	10:50 AM	11:59 AM	1:05 PM	2:10 PM	
			DROP	0.50	0.50	0.50	0.50	
12/27/18 IT-03	24"	8"	START	10:20 AM	11:25 AM	12:29 PM	1:32 PM	0.50
			FINISH	11:20 AM	12:25 PM	1:29 PM	2:32 PM	
			DROP	0.50	0.50	0.50	0.50	
12/27/18 IT-04	24"	8"	START	9:49 AM	11:03 AM	12:05 PM	1:07 PM	8.00
			FINISH	10:49 AM	12:03 PM	1:05 PM	2:07 PM	
			DROP	8.00	8.00	8.00	8.00	
12/27/18 IT-05	24"	8"	START	9:57 AM	11:05 AM	12:05 PM	1:10 PM	4.00
			FINISH	10:57 AM	12:05 PM	1:05 PM	2:10 PM	
			DROP	4.00	4.00	4.00	4.00	
12/27/18 IT-06	24"	8"	START	10:17 AM	11:19 AM	12:21 PM	1:22 PM	24.00
			FINISH	11:17 AM	12:19 PM	1:21 PM	2:22 PM	
			DROP	24.00	24.00	24.00	24.00	
12/27/18 IT-07	24"	8"	START	1:20 PM	1:45 PM	2:25 PM	3:25 PM	36.42
			FINISH	1:45 PM	2:23 PM	3:20 PM	4:25 PM	
			DROP	24.00 (57.60hrs)	24.00 (37.86hrs)	24.00 (25.16hrs)	24.00 (24.00hrs)	
08/13/19 IT-01	24"	8"	START	8:38 AM	9:38 AM	10:38 AM		14.17
			FINISH	9:38 AM	10:38 AM	11:38 AM		
			DROP	16.00	13.25	13.25		
08/13/19 IT-02	24"	8"	START	8:39 AM	9:40 AM	10:40 AM		4.50
			FINISH	9:39 AM	10:40 AM	11:40 AM		
			DROP	6.00	4.50	3.00		
08/13/19 IT-03	24"	8"	START	9:45 AM	10:47 AM	11:48 AM		19.75
			FINISH	10:45 AM	11:47 AM	12:48 PM		
			DROP	20.25	19.50	19.50		
08/13/19 IT-04	24"	8"	START	9:51 AM	10:51 AM	11:51 AM		19.00
			FINISH	10:51 AM	11:51 AM	12:51 PM		
			DROP	20.50	19.00	17.50		

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<input checked="" type="checkbox"/> PLANNING BOARD APPROVAL	18	OF	22
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<input type="checkbox"/> OTHER	N/A	OF	N/A
<input type="checkbox"/> FOR BID	N/A	OF	N/A
<input type="checkbox"/> FOR CONSTRUCTION	N/A	OF	N/A


JAY SAMUELSON, P.E.
NEW YORK | ICENSE # 080023



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	<p>DETAILS</p> <p>RDM WAREHOUSES 230 NEELYTOWN ROAD TOWN OF HAMPTONSTON ORANGE COUNTY, NEW YORK</p>
<p>JOB #: 1284.02</p> <p>DATE: 01/23/19</p> <p>REVISION: 9 - 12/23/2019</p>	<p>DRAWN BY: JS</p> <p>SCALE:</p> <p>AS NOTED</p> <p>TAX LOT: 1-1-6</p>



- NOTES:
1. FILTER INSERT SHALL HAVE A HIGH FLOW BYPASS FEATURE.
 2. FILTER SUPPORT FRAME SHALL BE CONSTRUCTED FROM STAINLESS STEEL TYPE 304.
 3. FILTER MEDIUM SHALL BE POSSIBLE ROUGH, INSTALLED AND MAINTAINED IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS.
 4. FLOUGH+PLUS CATCH BASIN INSERT FILTERS SHALL BE SERVICED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS BUT AT A MINIMUM OF BEING ON A RECURRING BASIS OF WHICH THE FREQUENCY SHALL BE A MINIMUM OF THREE TIMES PER YEAR WITH A CHANGE OF FILTER MEDIUM ONE PER YEAR.
 5. FLOUGH+PLUS MODEL SHALL BE COORDINATED WITH THE MANUFACTURER TO ENSURE THE OPENING IS 30" X 48" TO MATCH THE CATCH BASIN OPENING.

SCALE: NTS



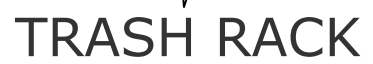
1. CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS
2. REINFORCEMENT TO BE IN CONFORMANCE WITH ASTM A615 GRADE 60.
3. CONTRACTOR TO ORDER MANHOLE SECTIONS FROM MANUFACTURER TO MATCH REQUIRED ELEVATIONS AND INVERTS PER PLAN.
4. ANY MANHOLE WITHIN PAVEMENT AREA SHALL BE CAPABLE OF WITHSTANDING HS-LOADINGS.
5. PRECAST CONCRETE MANHOLE COMPONENTS BY WOODARDS CONCRETE PRODUCTS OR APPROVED EQUAL.
6. FOR ANY STRUCTURE LOCATED WITHIN THE TOWN RIGHT-OF-WAY, CRUSHED STONE

SCALE: N.T.S.



1. BACKFILL AROUND CATCH BASIN TO BE COMPACTED IN MAX 8" LIFTS.
2. PRECAST CONCRETE MANHOLE COMPONENTS BY WOODARDS CONCRETE PRODUCTS OR APPROVED EQUAL .

SCALFENTS



- NOTES:**
1. BAR GRATE TRASH RACKS SHALL BE ALUMINUM, STAINLESS STEEL OR GALVANIZED STEEL, AND SHALL BE BOLTED USING STAINLESS STEEL HARDWARE.
 2. TRASH RACKS SHALL BE DESIGNED SUCH THAT THE DIAGONAL DIMENSION OF EACH OPENING IS SMALLER THAN THE DIAMETER OF THE OUTLET PIPE.

NOTES

1. FOR LENGTH AND SLOPE OF OUTLET PIPE SEE PLAN.
2. THE 8" POND DRAIN SHALL BE EQUIPPED WITH A VALTERRA GATE VALVE AS MANUFACTURED BY AGRI DRAIN CORPORATION OR

SCALE: NTS

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<input checked="" type="checkbox"/> PLANNING BOARD APPROVAL	N/A	OF	N/A
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<input checked="" type="checkbox"/> OTHER	N/A	OF	N/A
<input checked="" type="checkbox"/> FOR BID	N/A	OF	N/A
<input checked="" type="checkbox"/> FOR CONSTRUCTION	N/A	OF	N/A

DETAILS
RDM WAREHOUSES 230 NEELYTOWN ROAD TOWN OF HAMPTONBURGH ORANGE COUNTY, NEW YORK

JOB #:	1284.02	DRAWN BY:	JS
DATE:	01/23/19	SCALE:	AS NOTED
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C-303

1. SITE DISTURBANCE SHALL BE LIMITED TO THE MINIMUM NECESSARY GRADING AND VEGETATION REMOVAL REQUIRED FOR CONSTRUCTION WITHIN THE LIMITS OF DISTURBANCE AS SHOWN ON THE PLANS.

2. ORANGE CONSTRUCTION FENCE LOCATIONS AROUND ALL SEPTIC SYSTEM AREAS SHALL BE STAKED BY A SURVEYOR AND THE INSTRUCTIONS SHALL BE FOLLOWED. TEMPORARY SEPTIC SYSTEM ORANGE CONSTRUCTION FENCING SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION TO PROTECT THE SEPTIC SYSTEM. THE ORANGE CONSTRUCTION FENCING SHALL BE REMOVED AT THE FINAL CONSTRUCTION OF THE SEPTIC SYSTEM.

3. TEMPORARY SEPTIC SYSTEM MEASURES, INCLUDING SILL FENCE, TEMPORARY SHIELDS, STONE CHECK DAMS, TEMPORARY SEDIMENT BASIN, RIP-RAP PROTECTION SHALL BE INSTALLED PRIOR TO GROUND DISTURBANCE FOR GRADING AND CONSTRUCTION OF THE PROPOSED SEPTIC DRAINAGE SYSTEMS.

4. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED AS SOON AS PRACTICAL FOLLOWING DISTURBANCE TO STABILIZE BARE SOIL AND PROMOTE THE PROMPT RE-ESTABLISHMENT OF VEGETATION.

4.1. AN EROSION SEEDING SHALL BE PREPARED BY SCARING/COMPACTED SOIL AND REMOVING SURFACE DEBRIS AND ROCKS.

4.2. DISTURBED AREAS WHICH WILL REMAIN TEMPORARILY FALLOW OR ARE NOT GREATLY DISTURBED SHALL BE SEEDING TO THE FOLLOWING RATE TO PRODUCE TEMPORARY GROUND COVER: 30 LBS RYEGRASS (ANNUAL OR PERENNIAL) PER ACRE.

4.3. FOR THE WINTER USE, SEEDING SHALL BE AT "MOON" WINTER RYE (CEREAL RYE) PER ACRE.

4.4. EROSION SEEDING SHALL BE APPLIED ON 4" MIN TOPSOIL AT THE FOLLOWING RATE:

1.8 LBS EMPIRE BROSPECT TREFOIL OR COMMON WHITE CLOVER PER ACRE PLUS

20 LBS TALL FESCUE PER ACRE PLUS

1.0 LB TOPSOIL OR 5.0 LB TOPSOIL (PERCENTUAL) PER ACRE

4.5. ALL SEEDING SHALL BE PERFORMED USING THE BROADCAST METHOD OR HYDROSEEDING, UNLESS OTHERWISE APPROVED BY THE TOWN ENGINEER.

4.6. ALL DISTURBED AREAS SHALL BE MULCHED SUBSEQUENT TO SEEDING BY APPLYING 2 TONS OF STRAW MULCH PER ACRE.

4.7. STRAW MULCH SHALL BE ANCHORED BY APPLYING 750 LBS OF WOOD FIBER MULCH PER ACRE WITH A HYDROSEEDER, OR STRAW MULCH SHALL BE ANCHORED BY APPLYING 1000 LBS OF MULCH ANCHORING TOOLS TO A DEPTH OF 3". MULCH ANCHORING TOOLS SHALL BE PULLED ACROSS SLOPES ALONG TOPOGRAPHIC CONTOURS.

5. ALL EROSION AND SEDIMENTATION CONTROL MEASURES AND DRAINAGE STRUCTURES SHALL BE INSPECTED FOLLOWING EVERY RAIN EVENT, AND MAINTENANCE AND REPAIRS SHALL BE PERFORMED IMMEDIATELY TO PREVENT EROSION. TRAPPED SEDIMENT SHALL BE REMOVED AND DEPOSITED IN A PROTECTED AREA. EROSION CONTROL MEASURES SHALL BE REMOVED TO AVOID INTERFERENCE WITH DRAINAGE.

6. TEMPORARY CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED AND GROUND COVER IS COMPLETELY RE-ESTABLISHED. FOLLOWING RE-ESTABLISHMENT, TEMPORARY MEASURES SHALL BE REMOVED TO AVOID INTERFERENCE WITH DRAINAGE.

7. ALL STORM INLETS TO BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION.

8. SYNTHETIC OR ORGANIC SOIL STABILIZERS MAY NOT BE USED.

9. MULCH NETTING SUCH AS PAPER, JUTE, EXCELOR, COTTON OR POLYESTER BE USED. STABILIZATION OVER THE STRAW MULCH. USE OF DEGRADABLE NETTING SHALL BE ALLOWED TO BE MOVED.

10. STABILIZATION OF STEEP SLOPES SHALL BE ACHIEVED BY APPLYING SEEDING WITH THE FOLLOWING MIXTURE, THEN COVERING WITH AN APPROVED ROLLED EROSION CONTROL PRODUCT:

MATERIAL	lbs./acre
PERENNIAL RYE GRASS <td>30</td>	30
CROWN VETCH <td>25</td>	25
SPREADING FESCUE <td>35</td>	35

11. OPTIMUM SEEDING PERIODS ARE 315-61 AND 811-1015.

12. FOR CONSTRUCTION THAT OCCURS DURING WINTER MONTHS (0.6 NOVEMBER 15 - APRIL 1) ADDITIONAL MEASURES SHALL BE TAKEN IN ADDITION TO THOSE REQUIRED BY THE STANDARD SPECIFICATIONS FOR STABILIZATION SECTION OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION CONTROL. MEASURES SHALL BE PUBLISHED BY THE NYSDOC SUCH AS BUT NOT LIMITED TO THE FOLLOWING:

- ENSURE COMPLIANCE WITH SNOW STORAGE STOCKPILE AREAS
- SNOW STOCKPILES AT CONSTRUCTION ENTRANCE SHALL BE MAINTAINED TO PREVENT SNOW FROM ACCUMULATING TO ENSURE THE FUNCTIONALITY OF THE EROSION CONTROL MEASURES.
- INSTALL ANTIWIND BUFFERS TO ALL PERMETER SILL FENCES.
- PROVIDE MAINTENANCE OF ALL DRAINAGE STRUCTURE TO KEEP CLEAR OF SNOW, ICE, DEBRIS, ETC.
- IN AREAS WHERE SOIL DISTURANCE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED, THE APPLICATION OF SOIL STABILIZATION MEASURES SHOULD BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN THREE (3) DAYS. ROLLED EROSION CONTROL SLANKETS MUST BE USED ON ALL SLOPES 3 HORIZONTAL TO 1 VERTICAL OR STEEPER.
- IF STRAW MULCH ALONE IS USED FOR TEMPORARY STABILIZATION, IT SHALL BE APPLIED AT DOUBLE THE STANDARD RATE OF 2 TONS PER ACRE, MAKING THE APPLICATION RATE 4 TONS PER ACRE. OTHER MEASURES SHALL BE APPLIED AT DOUBLE THE MANUFACTURER'S RECOMMENDED RATE.
- TO ENSURE ADEQUATE STABILIZATION OF DISTURBED SOIL IN AREAS OF A MELT DURING WINTER MONTHS, THE MULCH SHOULD BE STABILIZED AT THE END OF EACH WORK DAY UNLESS:
- ** WORK WILL RESUME WITHIN 24 HOURS IN THE SAME AREA AND PRECIPITATION IS NOT EXPECTED TO OCCUR.
- ** THE WORK IS IN DISTURBED AREAS THAT COLLECT AND RETAIN RUNOFF, SUCH AS OPEN UTILITY TRENCHES, DRAINAGE DITCHES, EXCAVATIONS, OR WATER MANAGEMENT AREAS.
- USE STONE PATHS TO STABILIZE ACCESS PERIMETERS OF BUILDINGS UNDER CONSTRUCTION AND AREAS WHERE STRAW CONSTRUCTION VEGETATION TRAFFIC IS ANTICIPATED. STONE PATHS SHALL BE A MINIMUM 10' WIDE AND 18" DEEP UNLESS OTHERWISE NECESSARY TO ACCOMMODATE EQUIPMENT.

50 MIN

PLAN

ENTRANCE ROAD

6" THICKNESS OF 3" CLEAN STONE

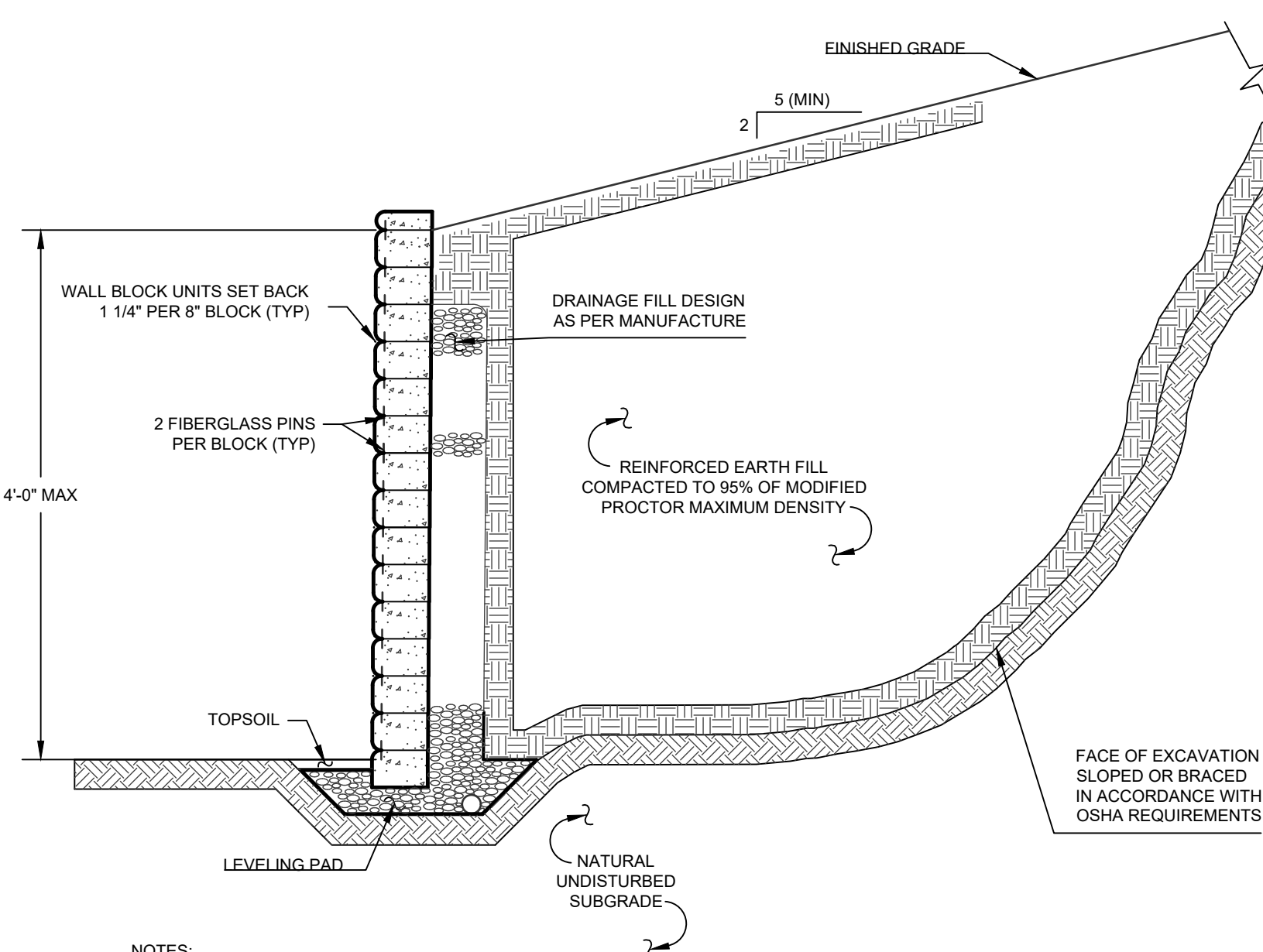
POLY-ESTER X-FLITER CLOTH AS MANUFACTURED BY CARTHAGE MILLS OR APPROVED EQUIV.

SECTION A-A

NOTES

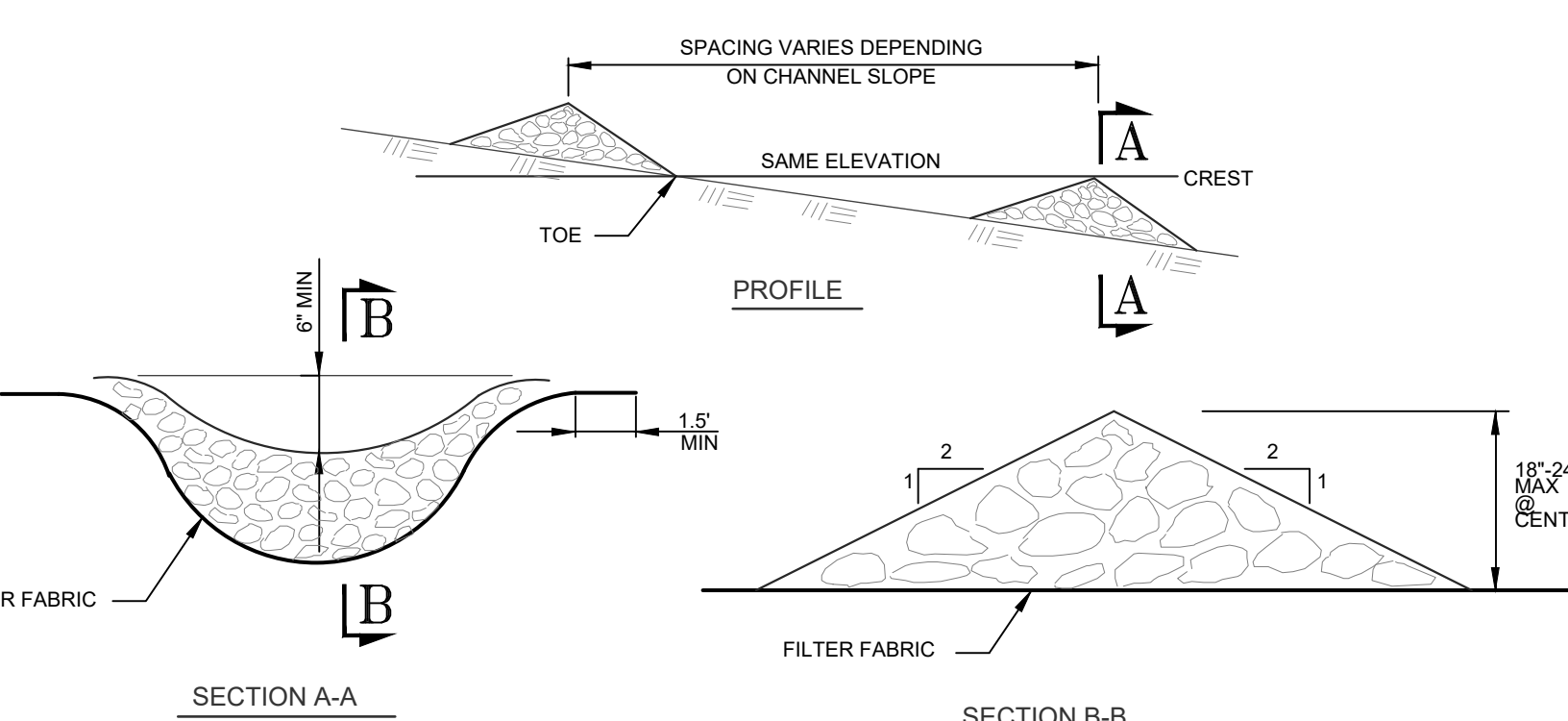
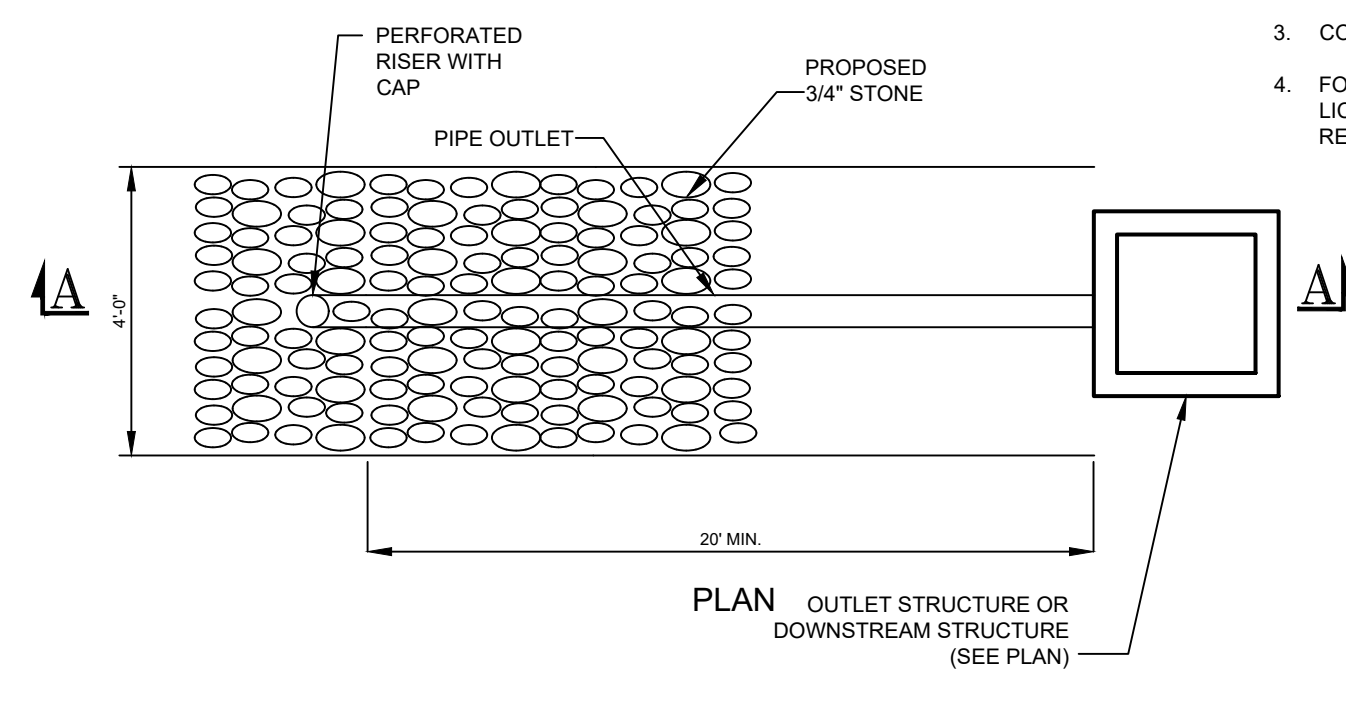
- STONE SIZE - USE 2" STONE MIN. OR RECLAIMED OR RECYCLED
- WIDTH - 3' FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH WHERE INGRESS OR EGRESS OCCURS
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED FROM CONSTRUCTION ENTRANCES SHALL BE DISCHARGED INTO THE ENTRENCH IS IMPRACTICAL A MOUNTABLE BERM WITH 5.0' SLOPES WILL BE
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO ADJACENT PROPERTY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE. MAINTENANCE SHALL BE PERFORMED AS REQUIRED BASED ON CONDITIONS DEMAND AND REPAIR AND/OR CLEANUP OF OR TRACKING OF SEDIMENT TO TRAIL SHOULD BE PERFORMED. SEDIMENT TRACKED ON PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY
- WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT FROM CONSTRUCTION ENTRANCE ON PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WITH AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTIONS AND NEEDED MAINTENANCE SHALL BE AT EACH RAIN.
- STABILIZED ENTRANCE FOR THE DRIVEWAY OF LOT 13 SHALL BE

1. ALL WORK TO BE PERFORMED TO THE SPECIFICATIONS OF THE TOWN OF WALKILL.
2. ALL TPOILS, ROOTS, STUMPS AND OTHER DELETERIOUS MATERIAL SHALL BE REMOVED FROM ALL CONSTRUCTION AREAS.
3. ALL FILL FOR POND CONSTRUCTION, BELOW BUILDINGS AND PAVEMENT TO BE COMPACTED TO 90% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR COMPACTION TEST ASTM D1557.
4. CELLAR, ROOF AND FOOTING DRAINS SHALL CONNECT TO THE STORM DRAINAGE SYSTEM OR OTHER FREE-FLOWING OUTLET AT A MINIMUM SLOPE OF 0.5%. FOOTING DRAIN SHALL BE INSTALLED BENEATH BOTTOM OF FOOTING.
5. COMPLETION OF GRADING AND BASIN, BERMS AFTER FOOTING IS SHALL REQUIRE MULCHING AND ANCHORING IN ACCORDANCE WITH NOTES ENTITLED "EROSION & SEDIMENT CONTROL".
6. ALL SLOPES IN EXCESS OF 3H:1V SHALL BE CONSTRUCTED WITH LOCALLY AVAILABLE GLACIAL TILL. THE EMBANKMENT FILL SHALL BE PLACED IN SIX-INCH THICK LIFTS. EACH LIFT SHALL BE PLACED AND COMPACTED TO 90% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR COMPACTION TEST ASTM D1557.
7. CONSTRUCT POND EMBANKMENT WITH LOCALLY AVAILABLE GLACIAL TILL WITH 3H:1V SIDE SLOPES OR MORE. EMBANKMENT SHALL BE PLACED IN SIX-INCH THICK CONTINUOUS LAYER OVER THE ENTIRE LENGTH EACH LIFT SHALL BE PLACED AT OPTIMUM MOISTURE CONTENT AND COMPACTED TO 90% OF MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR COMPACTION TEST ASTM D1557.
8. STABILIZATION OF POND BERMS, AND ALL SLOPES IN EXCESS OF 3H:1V IN ACCORDANCE WITH "EROSION AND SEDIMENTATION CONTROL NOTES".
9. SOIL RESTORATION SHALL BE APPLIED TO ALL DISTURBED AREAS THAT WILL REMAIN AS PERVIOUS SURFACES. SOIL RESTORATION SHALL CONSIST OF THE FOLLOWING:
 - A. APPLY 3 INCHES OF COMPOST OVER SUBSOIL
 - B. TILL COMPOST INTO SUBSOIL, TO A DEPTH OF AT LEAST 12 INCHES USING A CAT-MOUNTED RIPPER, TRACTOR MOUNTED DISC, OR TILLER, MIXING, AND CIRCULATING AIR AND COMPACT MOUNTED SUBSOIL.
 - C. ROCK-PILE UNTIL UNLIFTED STONE/ROCK MATERIALS OF FOUR INCHES AND LARGER SIZE ARE CLEANNED OFF THE SITE.
 - D. APPLY TPOILS TO A DEPTH OF 6 INCHES.
 - E. VEGETATE IN ACCORDANCE WITH LANDSCAPE PLAN.



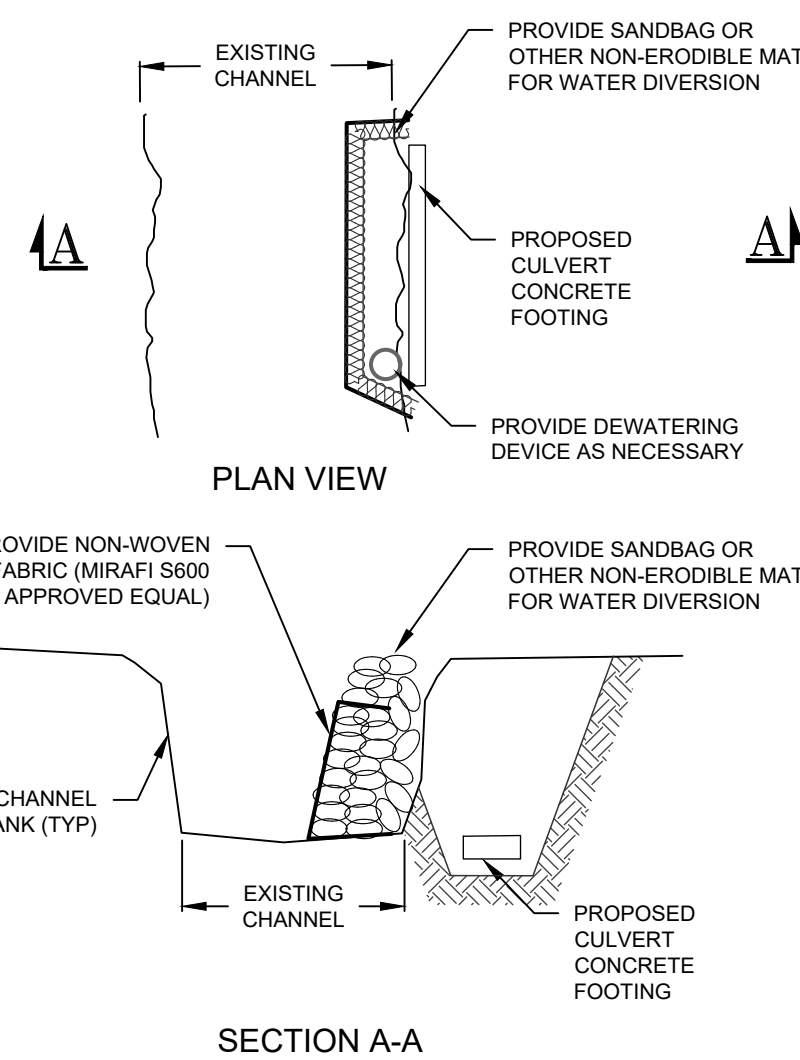
- NOTES:**
1. PROPOSED KEYSTONE KS HALF CENTURY RETAINING WALL SHALL BE DESIGNED AS PER THE MANUFACTURER'S RECOMMENDATIONS.
 2. FENCING SHALL BE INSTALLED FOR AS SHOWN ON THE PLANS, IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 3. COLORS TO MATCH FOUNDATION STONE.
 4. FOR WALLS OVER HEIGHTS OF 4'-0", SIGNED & SEALED RETAINING WALL DESIGN PLANS SHALL BE PREPARED BY A LICENSED PROFESSIONAL ENGINEER AND SUBMITTED TO THE TOWN OF HAMPTONBURGH BUILDING DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

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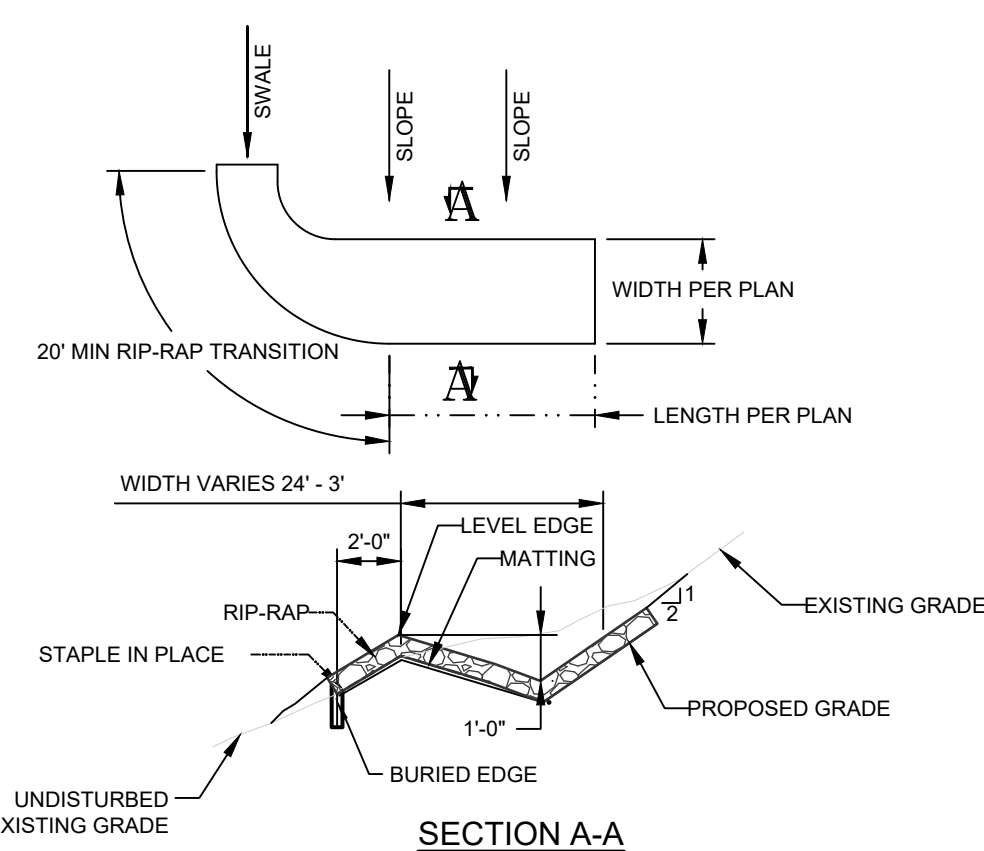


1. STONE SHALL BE MAXIMUM SIZE OF 6" WITH 50 TO 100 PERCENT BY WEIGHT LARGER THAN 3" AND 0 TO 10 PERCENT SMALLER THAN 1/2".
2. FILTER FABRIC SHALL BE POLY-FILTER X CLOTH AS MANUFACTURED BY CARTHAGE MILLS
3. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION AT LOCATIONS SHOWN ON THE PLAN.
4. SET SPACING OF CHECK DAMS TO ASSURE THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION AS THE TOE OF THE UPSTREAM DAM.
5. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
6. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR USER AS APPROPRIATE.
7. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.

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TRIP SHALL BE A MINIMUM OF 4 FT. WIDE EXTENDING 2'-0" OVER THE LIP RIDE 6 INCHES DEEP IN A VERTICAL TRENCH ON THE LOWER EDGE. THE EDGE SHOULD BUTT AGAINST SMOOTHLY CUT SOIL AND BE SECURELY PLACED WITH 6" RIP-RAP.

THAT THE LIP IS LEVEL TO UNIFORMLY SPREAD DISCHARGE.

SHALL BE CONSTRUCTED ON UNDISTURBED SOIL NOT FILL.

TO RIP-RAP SWALE TRANSITION SECTION WILL BE CONSTRUCTED FROM EMISSION CHANNEL TO THE SPREADER TO SMOOTHLY BLEND THE N DIMENSION AND GRADES.

OFF DISCHARGE WILL BE OUTLETTED onto a STABILIZED VEGETATED NOT EXCEEDING 10%.

AND MULCH THE DISTURBED AREA IMMEDIATELY AFTER CONSTRUCTION.

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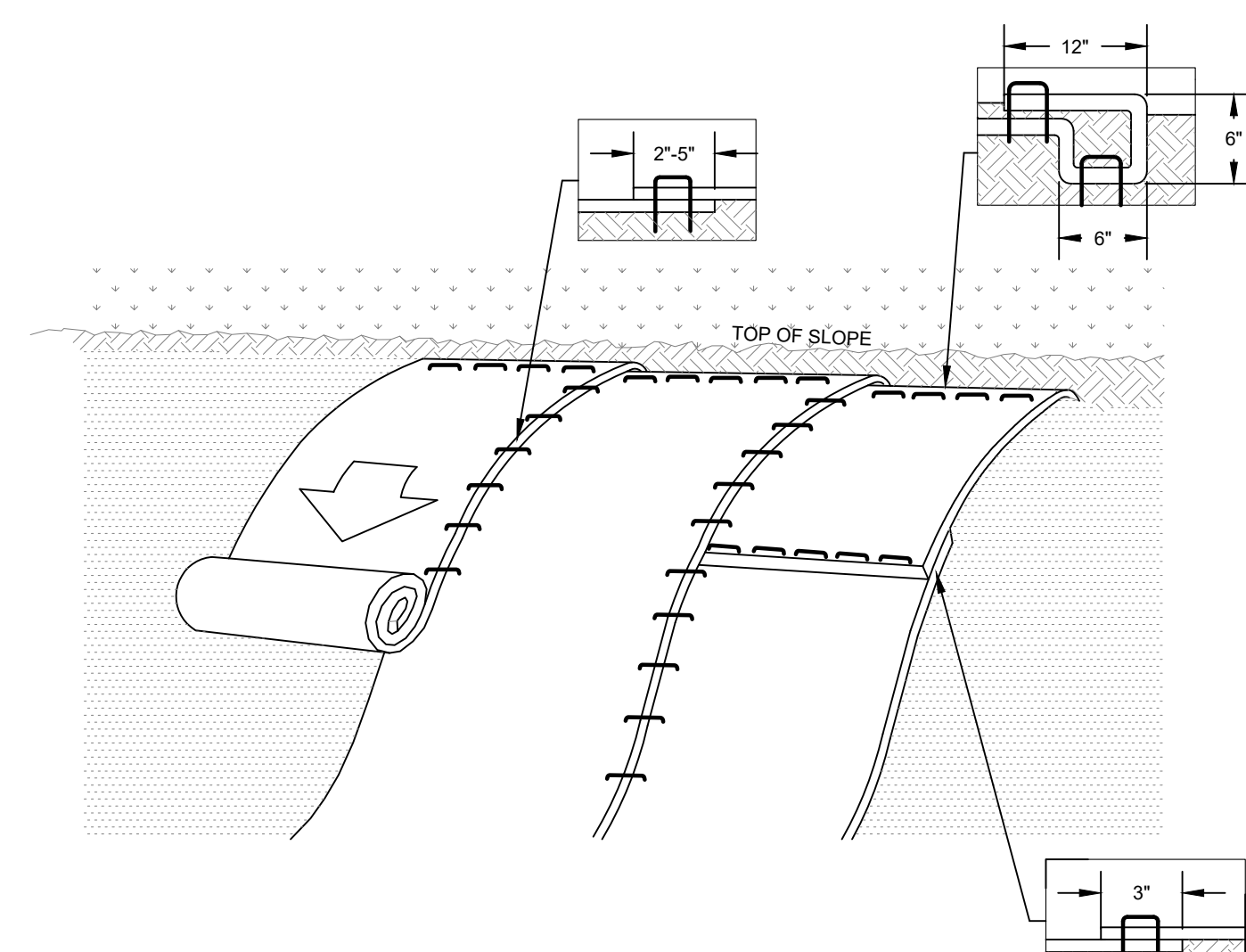
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THE OWNERSHIP AND MAINTENANCE OF THE STORMWATER FACILITIES SHALL BE A COMBINATION OF PRIVATE INDIVIDUAL AND JOINT OWNERSHIP AND MAINTENANCE RESPONSIBILITIES. STORMWATER FACILITIES B2 AND A3 ARE DESIGNED TO HANDLE AND TREAT RUNOFF FROM THE PROPOSED PRIVATE ROADWAY AND THEREFORE SHALL BE MAINTAINED JOINTLY BY THE OWNERS OF LOT 1 OF LOT 2 OF THE PROPOSED PROJECT AND THE CITY OF CHANDLER. THE CITY OF CHANDLER SHALL BE RESPONSIBLE FOR THE RIGHT OF WAY OR WITHIN AND EASEMENT GRANTING THE JOINT ENTITY THE ABILITY TO ACCESS AND MAINTAIN THE FACILITY. THE CITY OF CHANDLER SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF THE FACILITIES THROUGHOUT THE PROJECT'S LIFETIME. OWNERS THROUGHOUT AND MAINTENANCE AGREEMENT AND THROUGH EASEMENTS. STORMWATER FACILITY A1 WILL BE OWNED AND MAINTAINED BY THE OWNER OF LOT 2. THE RESPONSIBLE ENTITY SHALL BE RESPONSIBLE TO ENSURE THAT ALL FACILITIES ARE MAINTAINED TO THE DESIGN INTENT AND PROPERLY OPERATING.

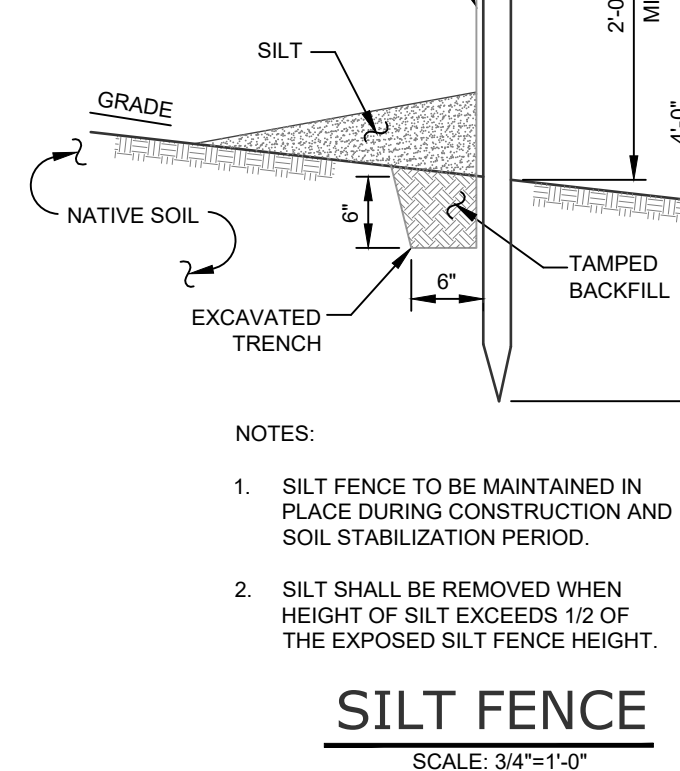
1. REGULAR INSPECTION AND MAINTENANCE OF THE PROPOSED FACILITIES IS REQUIRED TO ENSURE ITS LONG-TERM WATER QUALITY AND QUANTITY REDUCTION FUNCTIONS. MAINTENANCE REQUIREMENTS FOR THE POND AND BIO-RETENTION AREA ARE AS FOLLOWS:

1. THE FACILITY SHALL BE MAINTAINED TO PREVENT MAINTENANCE AS FOLLOWS:
 - a. THE FACILITY SHALL BE MAINTAINED TO ENSURE THE SITE'S LONG-TERM WATER QUALITY AND FUNCTION REDUCTION FUNCTIONS. MAINTENANCE REQUIREMENTS FOR THE POND AND BIO-RETENTION AREA SHALL BE MAINTAINED AS FOLLOWS:
2. THE FOREBAY OF EACH FACILITY SHALL HAVE ACCUMULATED SEDIMENT REMOVED EVERY FIVE TO SIX YEARS OR WHEN THE ACCUMULATION LEVEL HAS REACHED 50% OF THE FOREBAY CAPACITY. THE 50% LEVEL WILL BE MEASURED AND INDICATED BY THE PERMANENT SEDIMENT MARKER INSTALLED IN THE FOREBAY AND PERMANENT SEDIMENT BAY.
3. ALL CATCH BASINS AND OUTLET STRUCTURES SHALL BE INSPECTED ANNUALLY FOR DEBRIS AND OPERABILITY. ANY CATCH BASIN SHALL BE REPAIRED OR REMOVED AS NECESSARY.
4. THE SIDE SLOPES OF ALL FACILITIES SHALL BE MOVED AT A MINIMUM OF TWICE A YEAR.
5. FLOATED-PATCH CATCH BASIN INSERT FILTERS SHALL BE SERVICED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS BUT AT A MINIMUM OF CHANGING ON A RECURRING BASIS OF WHICH THE FREQUENCY SHALL BE A MINIMUM OF THREE TIMES PER YEAR, WITH A BENCH OF FILTER MEDIUM CLEAN PER YEAR. FILTER MEDIUM SHALL BE REPLACED WITH FRESH MEDIUM TO MAINTAIN THE MEDIUM'S CAPACITY.
6. CATCH BASINS SHALL BE VACUUM CLEANED EVERY THREE YEARS OR IF DETERMINED NECESSARY UPON VISUAL INSPECTION.
7. THE FACILITIES AND CONVEYANCE COMPONENTS SHALL BE INSPECTED EVERY 6 MONTHS AND AFTER EVERY RAINFALL EVENT. THE INSPECTION SHOULD FOCUS ON SEDIMENTATION AND EROSION OR DAMAGE TO THE FACILITY. SEDIMENT MUST BE REMOVED EVERY FIVE YEARS OR WHEN IT ACCUMULATES TO A DEPTH OF 6 INCHES. TRASH AND DEBRIS SHALL BE REMOVED FROM THE FACILITY AS NECESSARY. IN ADDITION, MULCHING SHALL BE REPLACED AT A MINIMUM OF THREE YEARS OR LATER WHEN THE MULCH IS COMPLETELY EXPOSED.
8. A REMOVABLE TRASH RACK TO BE PROVIDED ON THE OUTLET STRUCTURE TOP.
9. THE PROPERTY OWNERS SHALL RETAIN THE SERVICES OF A LICENSED PROFESSIONAL ENGINEER ON A YEARLY BASIS TO PERFORM AN INSPECTION OF ALL STORMWATER FACILITIES. THE INSPECTION SHALL INCLUDE A WRITTEN REPORT OF THE INSPECTION AND RECOMMENDATIONS FOR MAINTENANCE. THE REQUIREMENT OF THIS ANNUAL INSPECTION SHALL BE INCLUDED IN THE COMMON MAINTENANCE AGREEMENT AND A COPY OF THE ANNUAL INSPECTION REPORT SHALL BE PROVIDED TO THE TOWN OF HAMPTONBURGH.

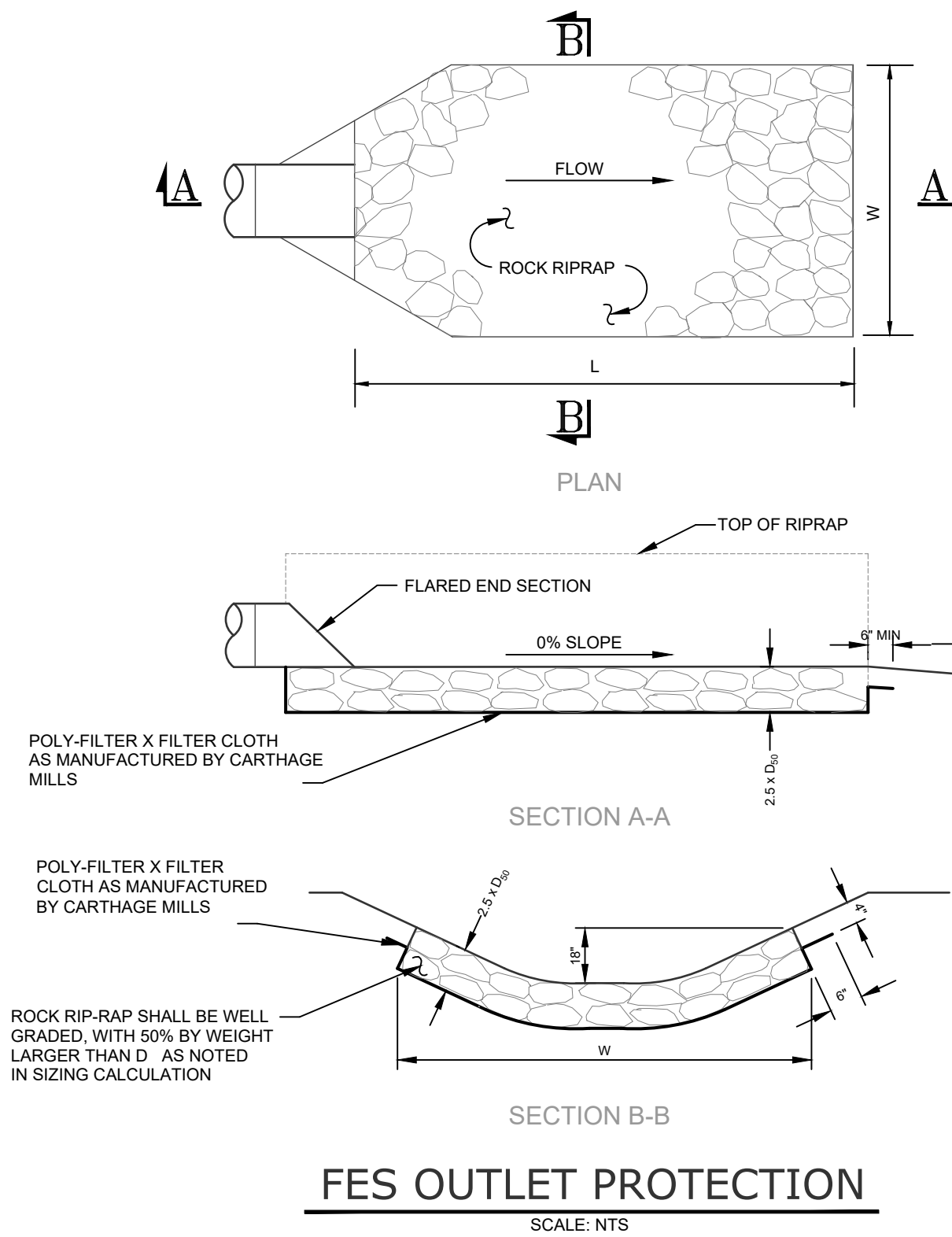


- NOTES:**
1. ROLLED EROSION CONTROL PRODUCT (RECP'S) SHALL BE USED ON ALL CONSTRUCTED SLOPES GREATER THAN 3 HORIZONTAL TO 1 VERTICAL.
 2. PREPARATION OF THE SOIL INCLUDING ANY NECESSARY APPLICATION OF SEED SHALL BE COMPLETED PRIOR TO INSTALLATION OF ANY RECP'S.
 3. INSTALL RECP - NORTH AMERICAN BIONEDE 51508B OR APPROVED EQUAL, BEGIN AT THE TOP OF THE SLOPE AND PROCEED DOWN THE SLOPE IN A "Z" PATTERN WITH APPROXIMATELY 12" OF RECP'S EXTENDING BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR RECP'S WITH A ROW OF STAPLES/TACKS APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF RECP'S BACK OVER SEED AND COMPACTED SOIL. SECURE RECP'S OVER COMPACTED SOIL WITH A ROW OF STAPLES/TACKS SPACE APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE RECP'S.
 4. ROLL THE RECP'S DOWN THE SLOPE OR HORIZONTALLY ACROSS THE SLOPE. ALL RECP'S MUST BE SECURELY FASTENED TO SUBSTRATE BY PLACING STAPLES/TACKS IN APPROPRIATE LOCATIONS AS SHOWN IN THE PRODUCTS STAPLE PATTERN GUIDE.
 5. THE EDGES OF PLACING RECP'S MUST BE STAPLED WITH APPROXIMATELY 2" TO 5" OVERLAP DEPENDING ON RECP'S TYPE.
 6. CONSECUTIVE RECP'S SPACED DOWN THE SLOPE MUST BE PLACED END OVER END (SINGLE STYLE WITH AN APPROXIMATE 2" OVERLAP, STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS THE ENTIRE RECP'S WIDTH.

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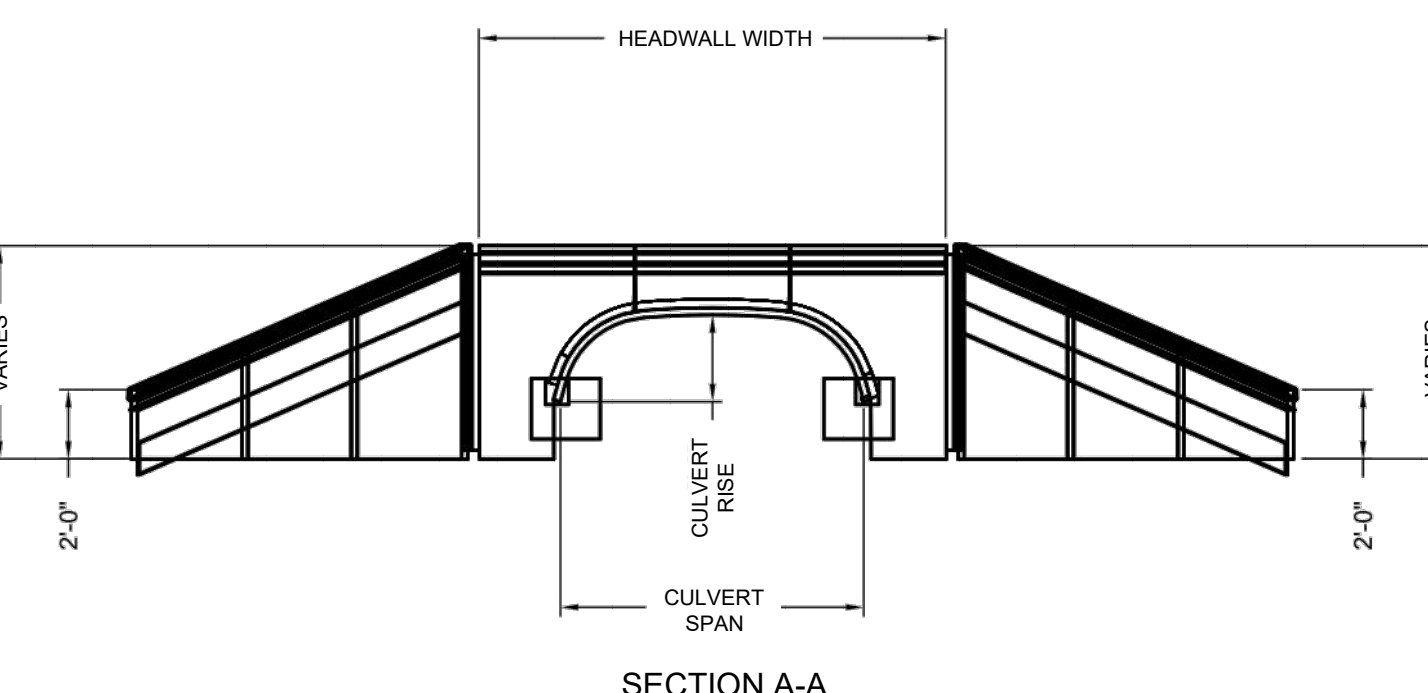
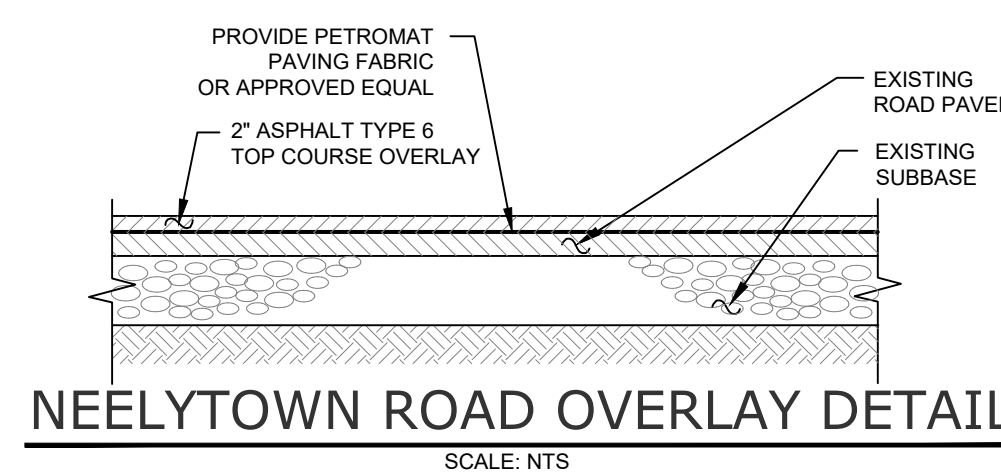
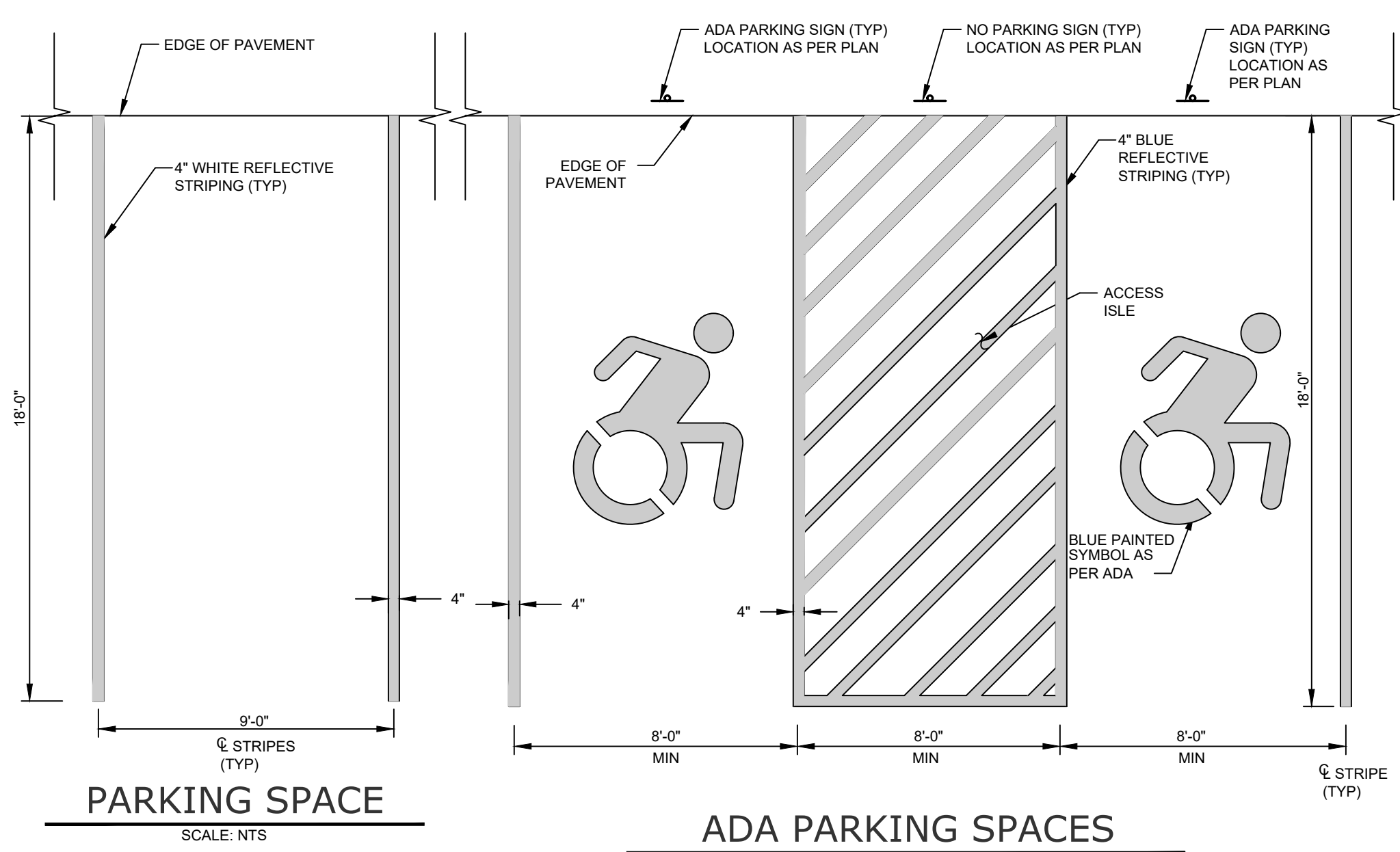
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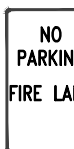



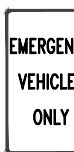

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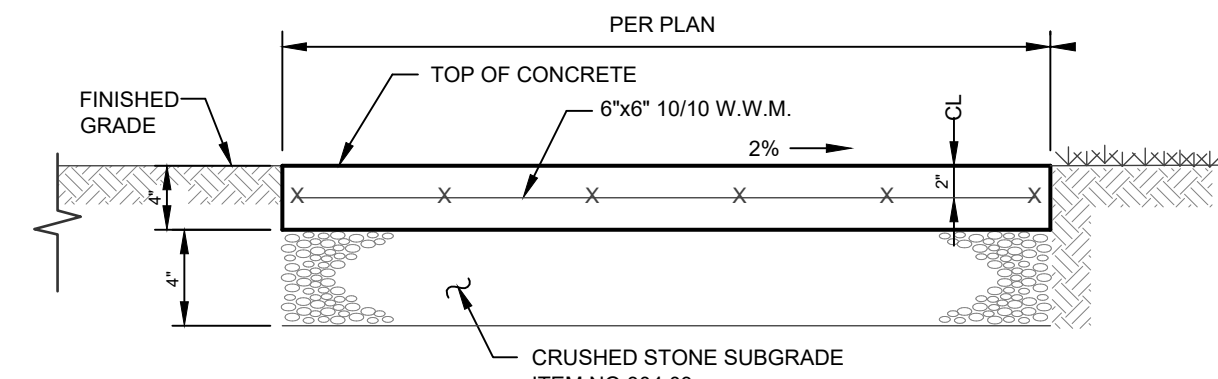
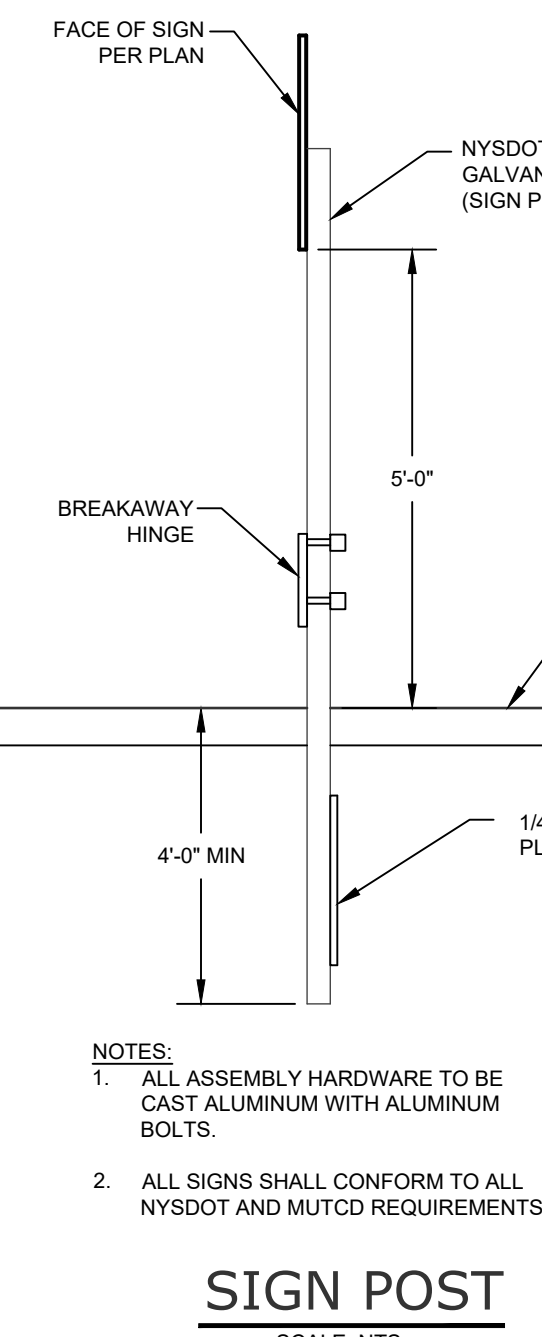
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<p>0 1 2 3</p> <p>ORIGINAL SCALE IN INCHES</p>	

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JOB # : DATE:	1284.02 01/23/19	DRAWN BY: SCALE:	JS AS NOTED
REVISION: 9 - 12/23/2020	TAX LOT: 1-1-6	<h1>C-304</h1>	



SIGN	TEXT	M.U.T.C.D. No.	SIZE OF SIGN	TYPE OF MOUNT	DESCRIPTION
NP		R7-1	12" x 18"	GR MTD	WHITE BACKGROUND RED LETTERING
FL		R8-31	12" x 18"	GR MTD	WHITE BACKGROUND RED LETTERING
STOP		R1-1	36" x 36"	GR MTD	RED BACKGROUND WHITE LEGEND
ADA		R7-8	18" x 24"	GR MTD	WHITE BACKGROUND BLUE SYMBOL GREEN LETTERING
DNE		R5-1	24" x 24"	GR MTD	WHITE BACKGROUND RED SYMBOL WHITE LETTERING
EVO		W11-8	18" x 24"	GR MTD	WHITE BACKGROUND RED LETTERING
NT			18" x 24"	GR MTD	WHITE BACKGROUND BLACK LETTERING




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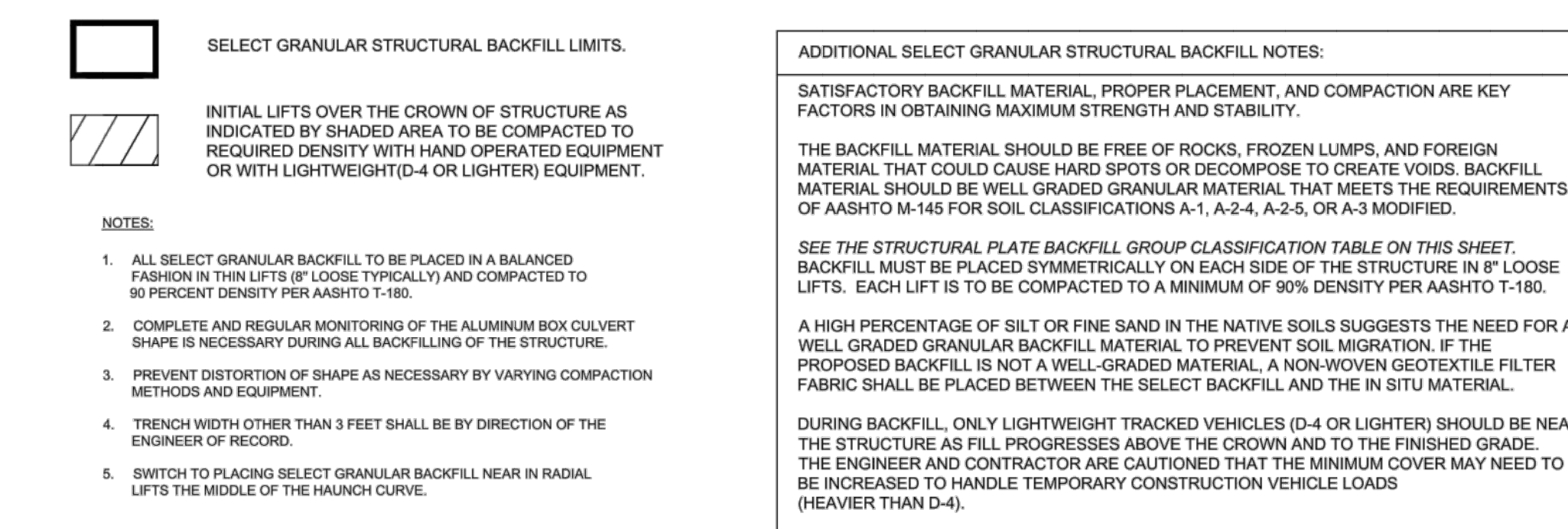
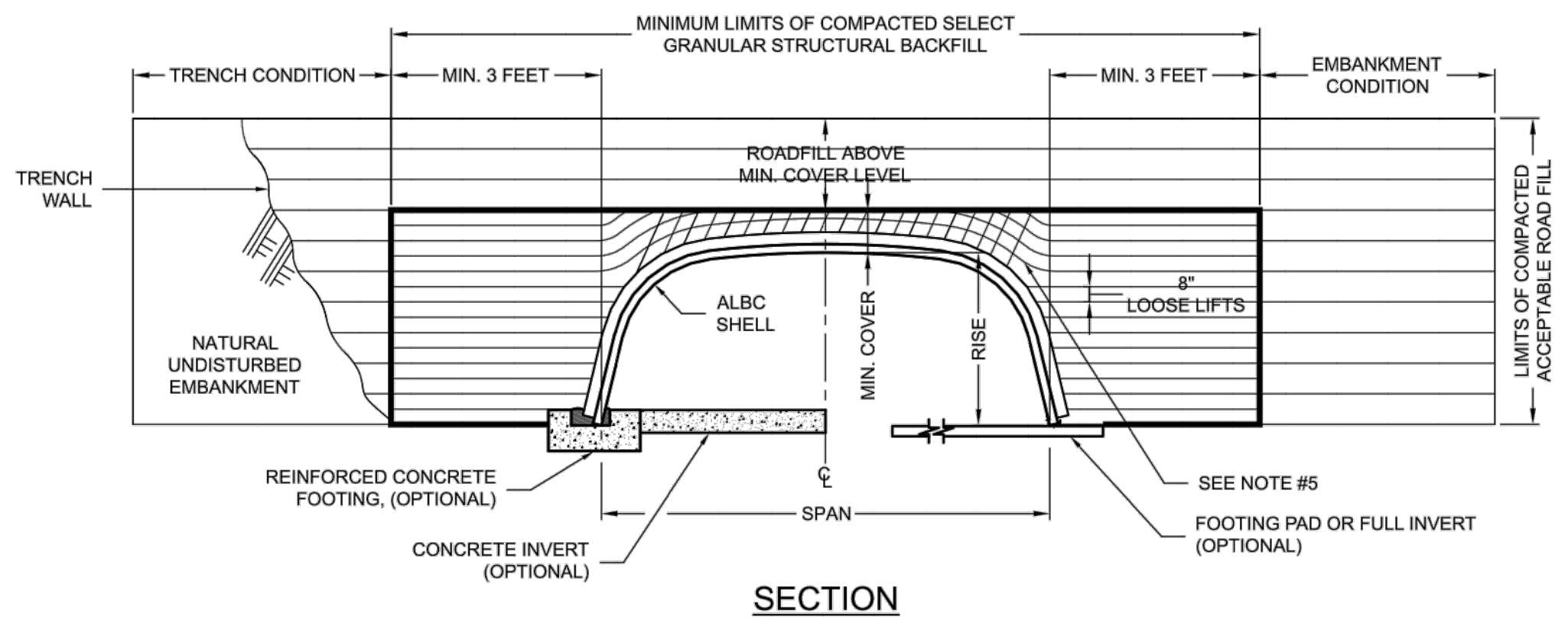
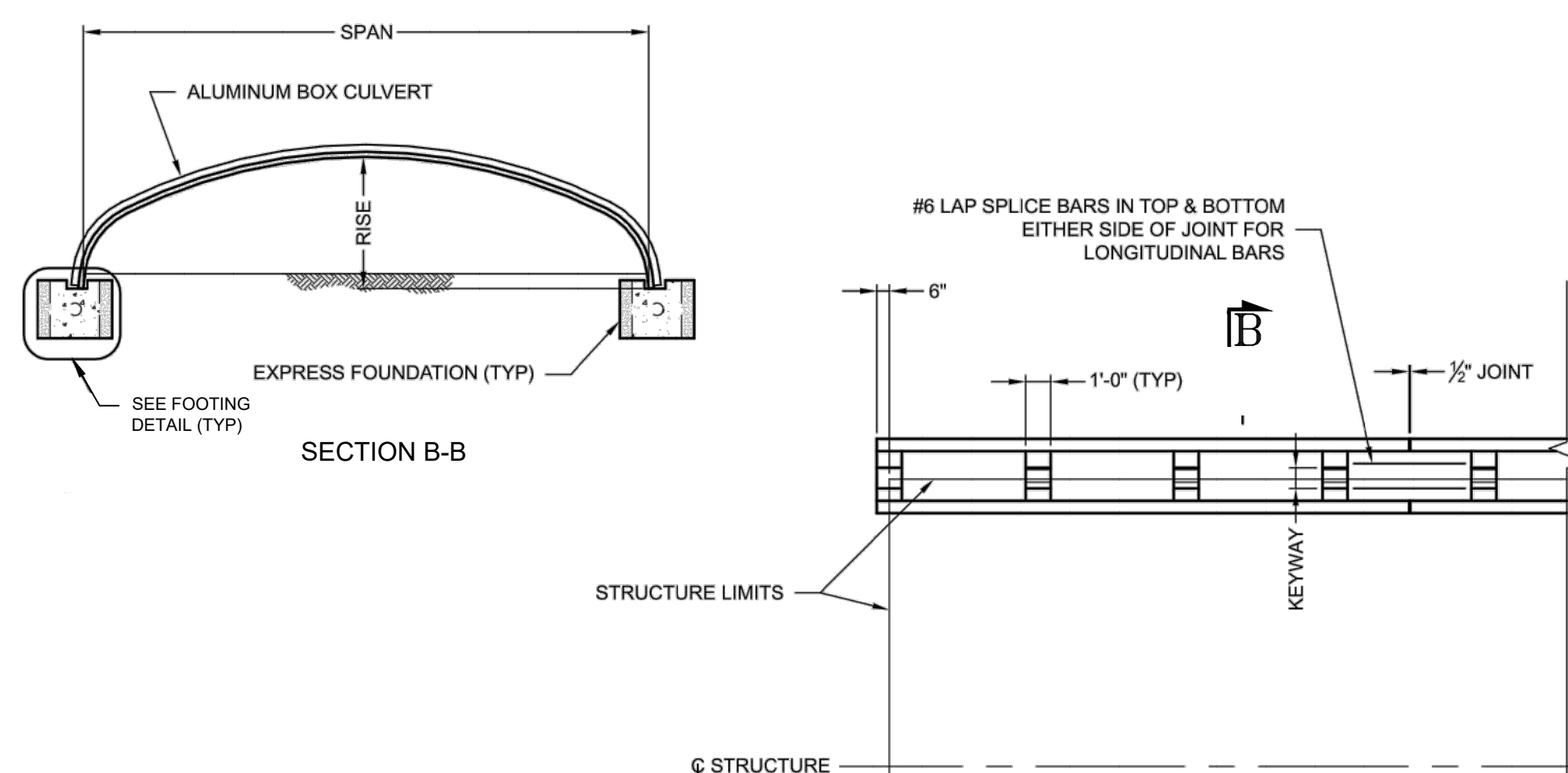
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IS A VIOLATION OF
SECTION 7209 SUBSECTION
2 OF THE NEW YORK STATE
EDUCATION LAW.

JAY SAMUELSON, P.E.
AEC-00000000

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<h2>DETAILS</h2>		
<h3>RDM WAREHOUSES</h3>		
<h3>230 NEELYTOWN ROAD</h3>		
<h3>TOWN OF HAMPTONBURGH</h3>		
<h3>ORANGE COUNTY, NEW YORK</h3>		
JOB # :	DRAWN BY :	JS
DATE:	SCALE:	AS NOTED
REVISION:	TAX LOT:	1-1-6
9 - 12/23/2020		

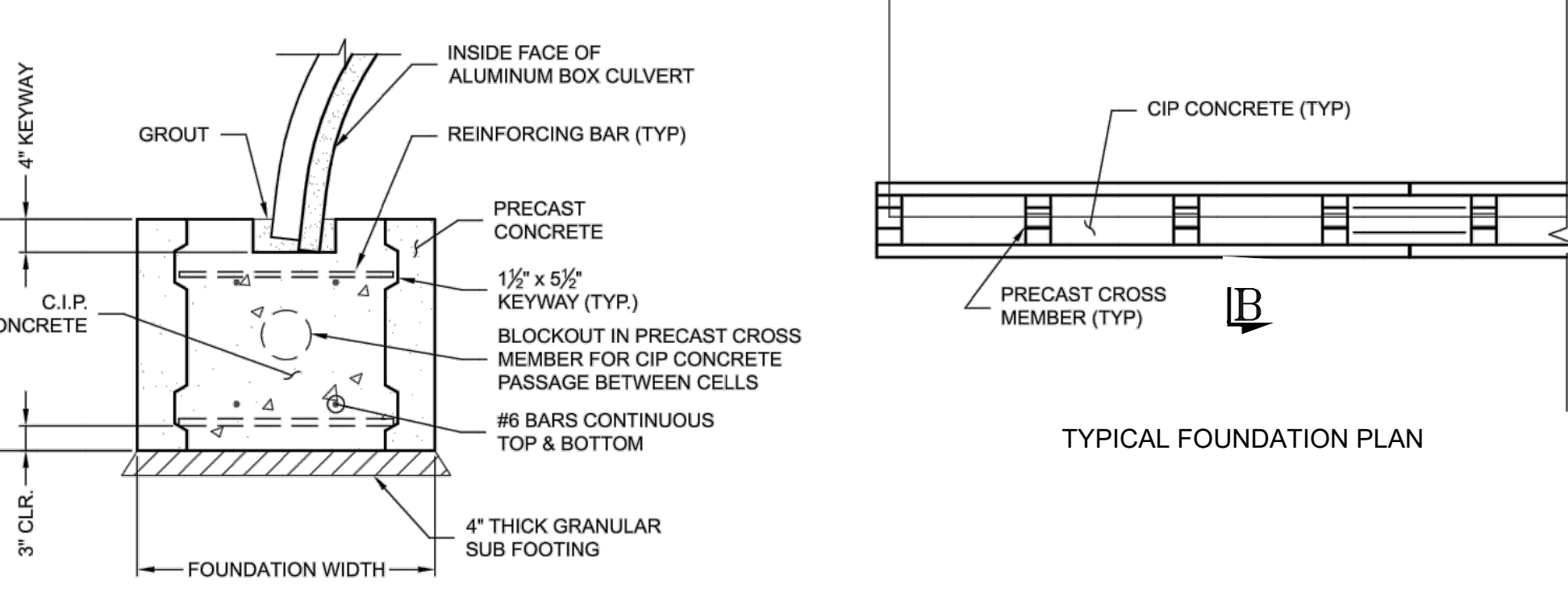


STRUCTURAL PLATE BACKFILL GROUP CLASSIFICATION, REFERENCE AASHTO M-145					
GROUP CLASSIFICATION	A-1-a	A-1-b	A-2-4	A-2-5	A-3
Steve Analysis Percent Passing					
No. 10 (2.00 mm)	50 max.	50 max.	50 max.	50 max.	50 max.
No. 40 (0.425 mm)	30 max.	50 max.	30 max.	30 max.	51 max.*
No. 200 (0.075 mm)	15 max.	25 max.	35 max.	35 max.	10 max.
Atterberg Limits for Fraction Passing No. 40 (0.425 mm)					
Liquid Limits	max.	max.	40 max.	41 min.	max.
Plasticity Index	6 max.	6 max.	10 max.	10 max.	Non Plastic
Usual Materials	Stone Fragment, Gravel and Sand		Gravel or Clayey Gravel and Sand		Coarse Sand

*Modified from M-145.

Fine beach sands, windblown sands, stream deposited sands, etc., exhibiting fine, rounded particles and typically Classified by AASHTO M-145 as A-3 materials should not be used.

Reference the most current version of ASTM D2487, Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System), for comparable soil groups.



M-145	
2-5	A-3
51 max.*	
10 max.	
min.	
max.	Non Plastic
	Coarse Sand

ALUMINUM BOX CULVERT(S)

SCALE: NTS

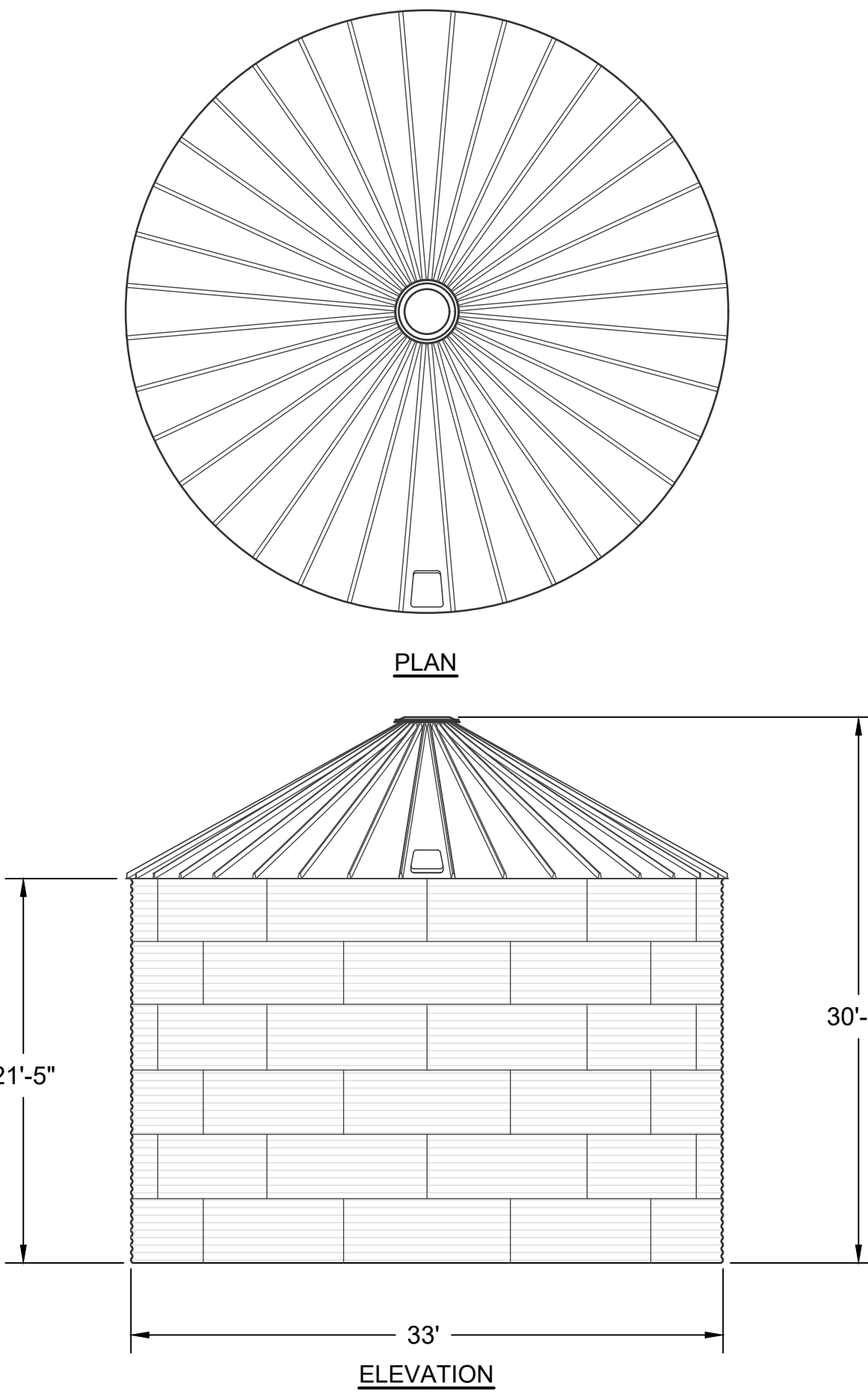
ALUMINUM BOX CULVERT(S)

SCALE: NTS

SCALE: NTS

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Date Plotted: Dec 31, 2020 8:48am

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- NOTES:
1. WATER STORAGE TANK SHALL BE CONSTRUCTED TO STORE A MINIMUM OF 125,000 GALLONS OF WATER AND AS MANUFACTURED BY GEI WORKS (MODEL 33" DIAMETER, 136,000 GALLON) OR APPROVED EQUAL.
 2. THE WATER STORAGE TANK AND ALL APPURTENANCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH ALL MANUFACTURER REQUIREMENTS.
 3. A CONCRETE FOUNDATION DESIGN SHALL BE PREPARED BY A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER AND SUBMITTED TO THE TOWN OF HAMPTONBURGH BUILDING INSPECTOR FOR APPROVAL PRIOR TO CONSTRUCTION.

FIRE PROTECTION WATER STORAGE TANK
SCALE: N.T.S.

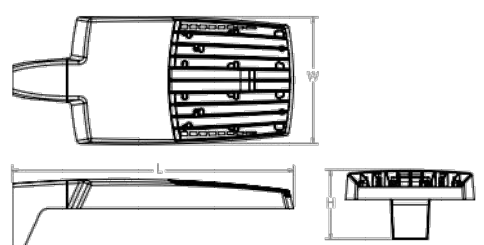


RSX2 LED Area Luminaire



Specifications

EPA (E-607):	0.69 ft ² (0.06 m ²)
Length:	29.3" (74.4 cm)
Width:	13.4" (34.0 cm)
Height:	3.0" (7.6 cm) Main Body
Weight (max):	33.0 lbs (15.0 kg)



Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX2 delivers 11,000 to 31,000 lumens allowing it to replace 250W to 1000W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor and an adjustable integral slip-fitter are also available.

Ordering Information

EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DBDXD

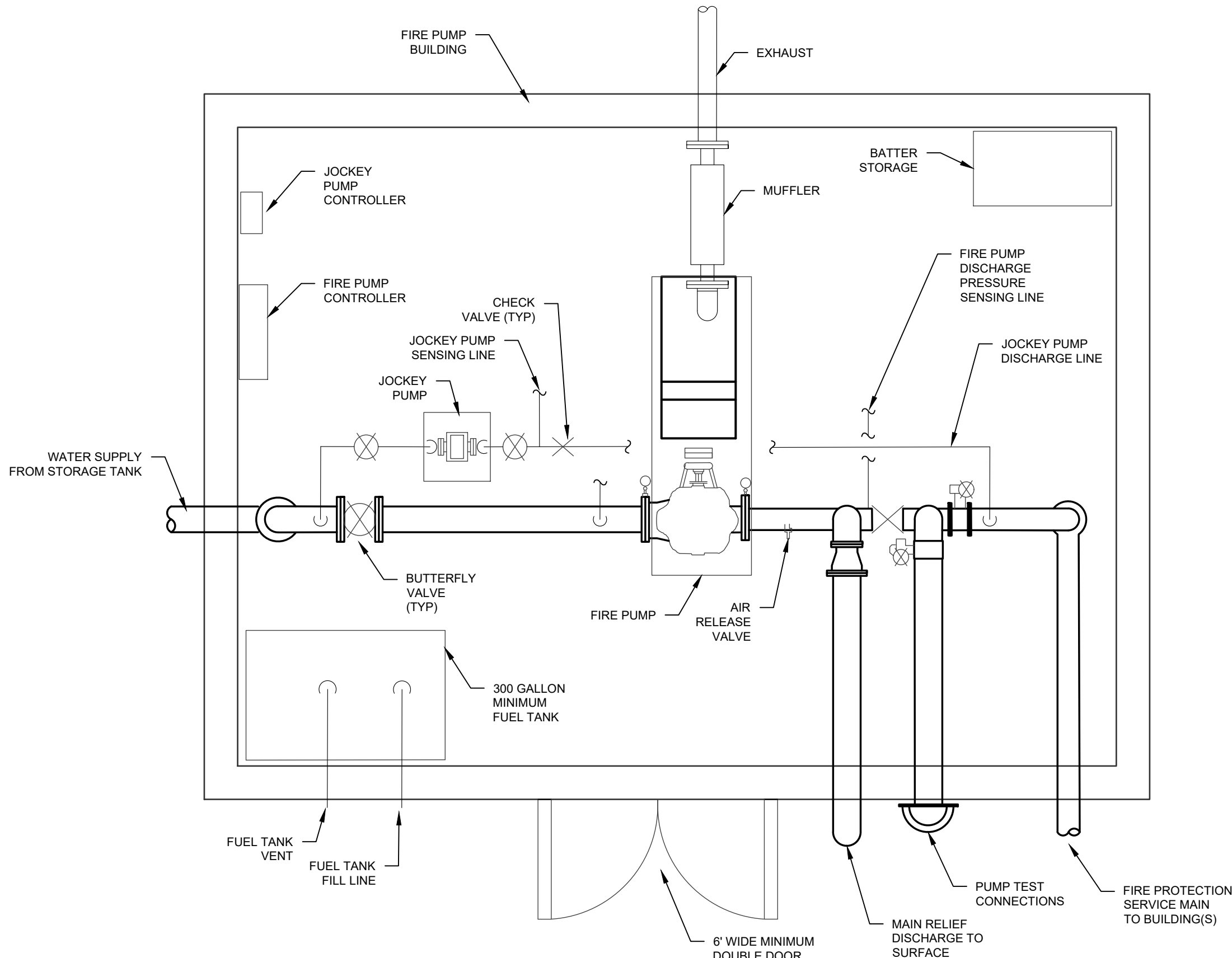
Series	Performance Package	Color Temperature	Beam/Distribution	Voltage	Mounting
RSX2 LED	P1	3000	5° Type 1 (NEMA)	120V/277V	SPA
	P2	4000	5° Type 1 (NEMA)	120V/277V	SPA
	P3	5000	5° Type 1 (NEMA)	120V/277V	SPA
	P4	5000	5° Type 1 (NEMA)	120V/277V	SPA
	P5	5000	5° Type 1 (NEMA)	120V/277V	SPA

Options	Shipped Installed	Shipped Separately (requires some field assembly)
HS	None side shield	None side shield
FE	Photocontrol, button style-1	Photocontrol, button style-1
FEK	Photocontrol external threaded, adjustable-1	Photocontrol external threaded, adjustable-1
FEPT	Seven wire track (not compatible with the control)	Seven wire track (not compatible with the control)
CEH	Conduit entry 3/4" NPT (Qty 2)	Conduit entry 3/4" NPT (Qty 2)
ST	Single Size (120, 277, 347)	Single Size (120, 277, 347)
SE	Double Size (120, 240, 480)	Double Size (120, 240, 480)
SPEEDV	200V Surge pack (100V standard)	200V Surge pack (100V standard)
FAD	Field adjustable output	Field adjustable output
DMG	10 ft. dimming wire-pull cable feature (for use with an external control, ordered separately)	10 ft. dimming wire-pull cable feature (for use with an external control, ordered separately)

Shipped Separately (requires some field assembly)	Notes
ES	External glow shield
ESF	External glow shield (180° around light aperture)
ES	Red glare-1

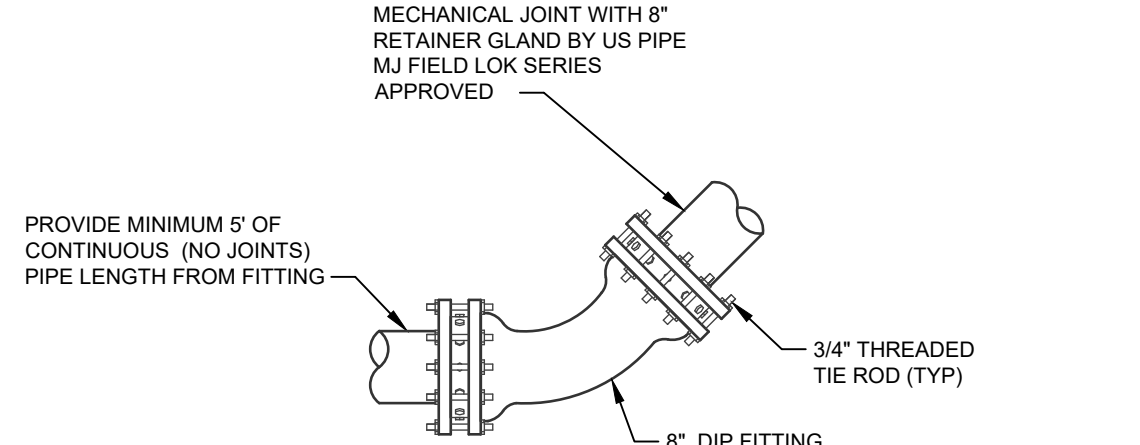
One Lithonia Way • Columbus, Georgia 30612 • Phone: 800.279.8041 • www.lithonia.com

Lithonia RSX2 Area LED Rev. 02/2019 Page 1 of 1



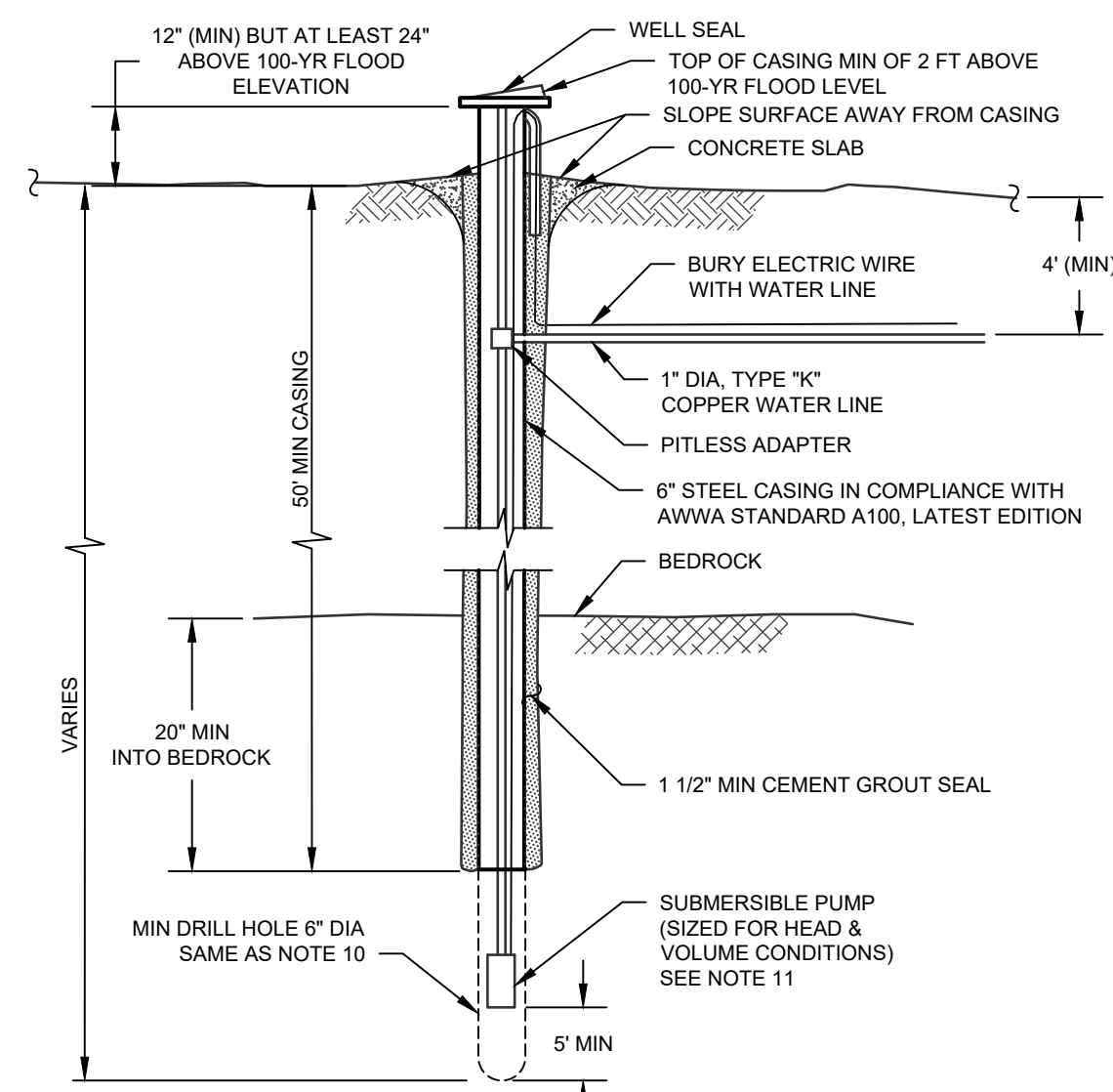
- NOTES:
1. FIRE PUMP BUILDING SHALL BE DESIGNED BY A N.Y.S. LICENSED ENGINEER OR ARCHITECT AND SHALL BE SUBMITTED TO THE TOWN OF HAMPTONBURGH BUILDING DEPARTMENT PRIOR TO CONSTRUCTION.
 2. A COMPLETE SPRINKLER DESIGN FOR EACH PROPOSED WAREHOUSE BUILDING SHALL BE SUBMITTED TO THE TOWN OF HAMPTONBURGH BUILDING DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

FIRE PUMP BUILDING SCHEMATIC
SCALE: N.T.S.



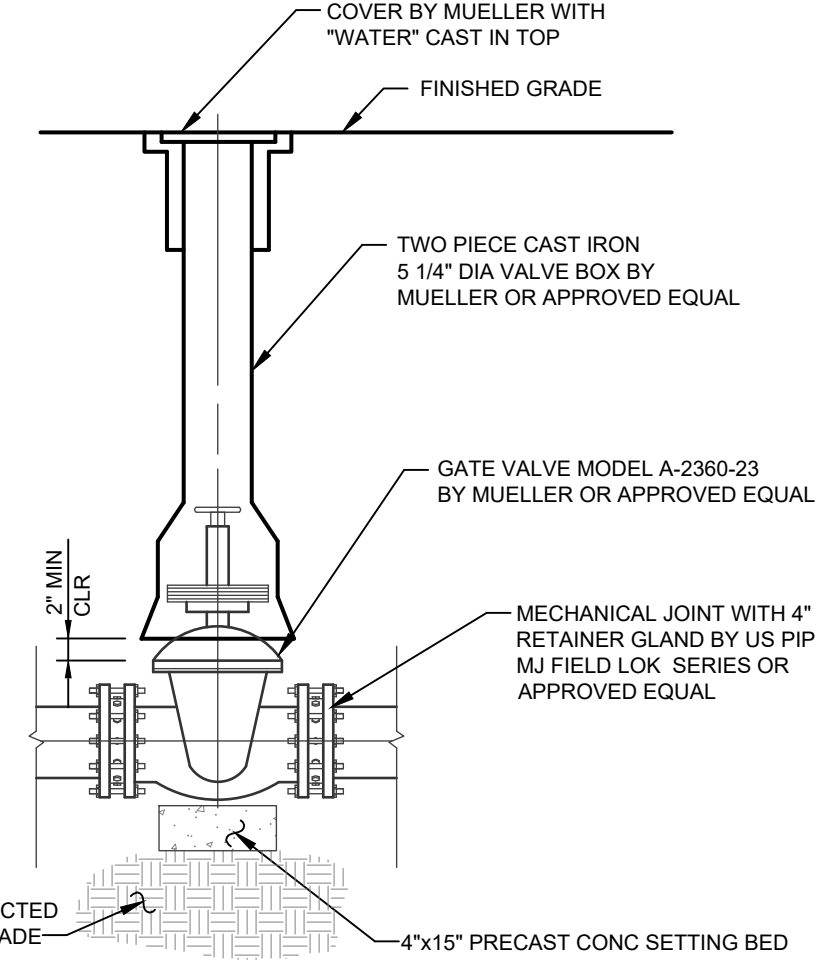
- NOTES:
1. 45° BENDS REQUIRE RESTRAINTS OF ALL JOINTS WITHIN 11 FEET OF FITTING. 22.5° BENDS REQUIRE RESTRAINTS OF ALL JOINTS WITHIN 6 FEET OF FITTING. 11.25° BENDS REQUIRE RESTRAINTS OF ALL JOINTS WITHIN 3 FEET OF FITTING.
 2. ALL BONNET NUTS SHALL BE STAINLESS STEEL.
 3. ALL BOLTS SHALL BE COR-BLUE OR APPROVED EQUAL.

PIPE RESTRAINT (RETAINER GLAND) DETAIL
SCALE: N.T.S.



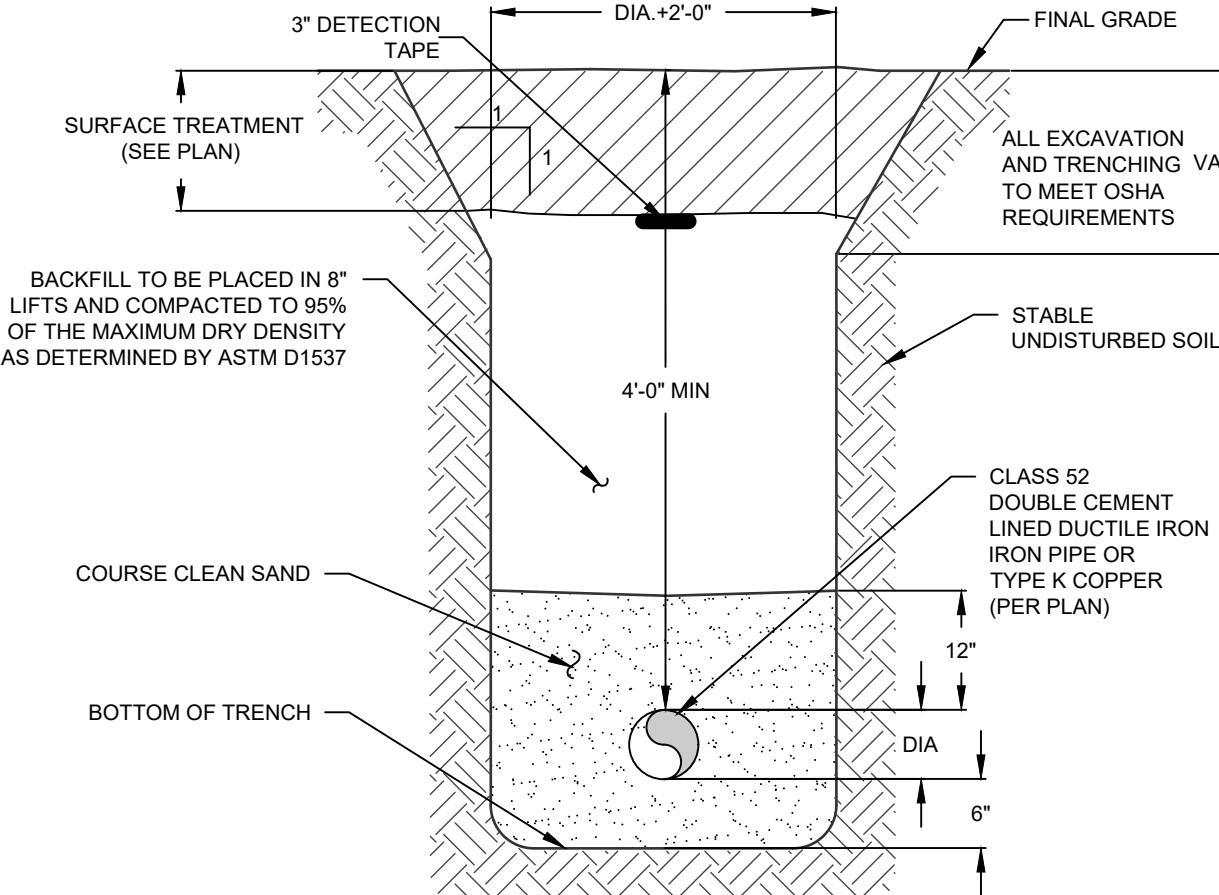
- NOTES:
1. WELL IS TO BE CASED AND GROUTED FOR A MIN OF 50' IN LENGTH.
 2. CASING SHALL EXTEND MINIMUM 20' INTO BEDROCK.
 3. OVERSIZE DRILL HOLE (FOR GROUTING) TO BE 10" DIAMETER.
 4. EXPECTED DEPTH OF LOAM AND SHALE OVERBURDEN = 5 - 30 FEET
 5. EXPECTED DEPTH OF WATER BEARING FORMATION = 300 - 600 FEET
 6. THE WELL CASING TO CONFORM TO AWWA STANDARD A100 (LATEST EDITION).
 7. SANITARY WELL SEAL SHALL BE MONITOR MODEL NO 6WE-1, MFG BY THE BAKER MFG CO, EVANSVILLE, INDS, OR APPROVED EQUAL AND SHALL HAVE THE APPROVAL OF THE WATER SYSTEMS COUNSEL.
 8. PITLESS ADAPTOR SHALL BE MONITOR MODEL NO 8PLU1U, MFG BY THE BAKER MFG CO, EVANSVILLE, INDS, OR APPROVED EQUAL AND SHALL HAVE THE APPROVAL OF THE WATER SYSTEMS COUNSEL.
 9. DISCHARGE PIPE: 1" MIN OF TYPE "K" COPPER WATER LINE
 10. WATER SERVICE LINES UNDER PRESSURE SHALL NOT PASS CLOSER THAN 10' OF A SEPTIC TANK, TILE FIELD, OR ANY OTHER PART OF A SEWAGE DISPOSAL SYSTEM.
 11. PVC PIPE WITH O-RING JOINTS ARE REQUIRED FOR SEWAGE LINES BETWEEN 25 AND 50 FEET OF ANY WELL.
 12. MIN. WELL YIELD TO BE A MINIMUM OF 2 GAL PER MINUTE. ANY WELL PRODUCING BETWEEN 2-5 GPM REQUIRES 24 HOURS OF STORAGE WITHIN HOME.
 13. CEMENT GROUT SHALL BE A MIXTURE OF 1 BAG CEMENT (94 LBS) AND 5 1/2 GAL OF CLEAN WATER.
 14. ELECTRICAL WORK SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.
 15. CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS AS SET FORTH IN THE PUBLICATION "RURAL WATER SUPPLY," NYS DEPT OF HEALTH, LATEST EDITION.
 16. WELLS ARE TO BE INSTALLED IN THE LOCATIONS SHOWN ON THE PLAN TO ASSURE THE MINIMUM SEPARATION DISTANCES ARE MET

TYPICAL DRILLED WELL SECTION
SCALE: N.T.S.



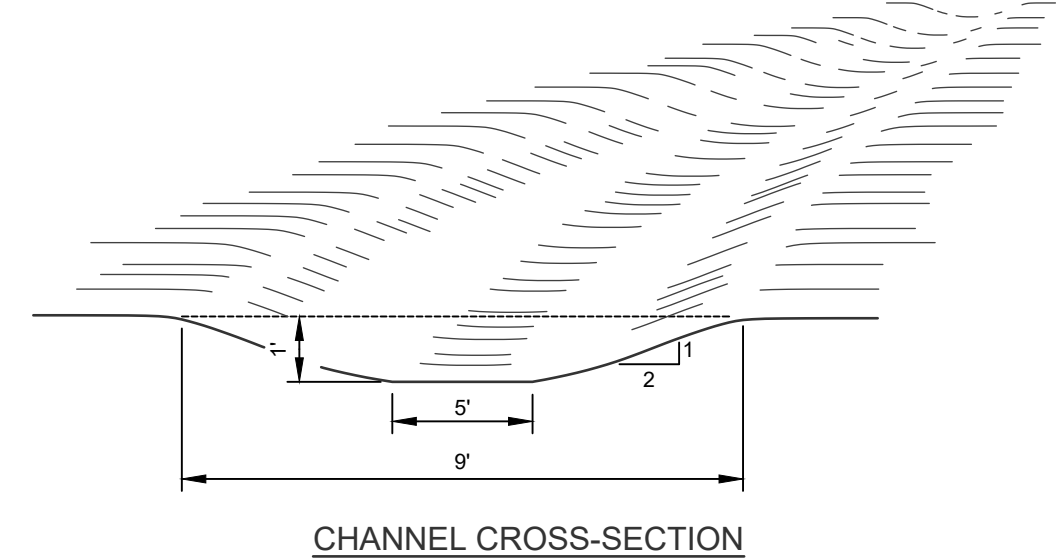
- NOTES:
1. ALL BONNET NUTS SHALL BE STAINLESS STEEL.
 2. ALL BOLTS SHALL BE COR-BLUE OR APPROVED EQUAL.
 3. VALVE BOX MUST BE NORTH AMERICAN MANUFACTURE

VALVE AND VALVE BOX
SCALE: N.T.S.



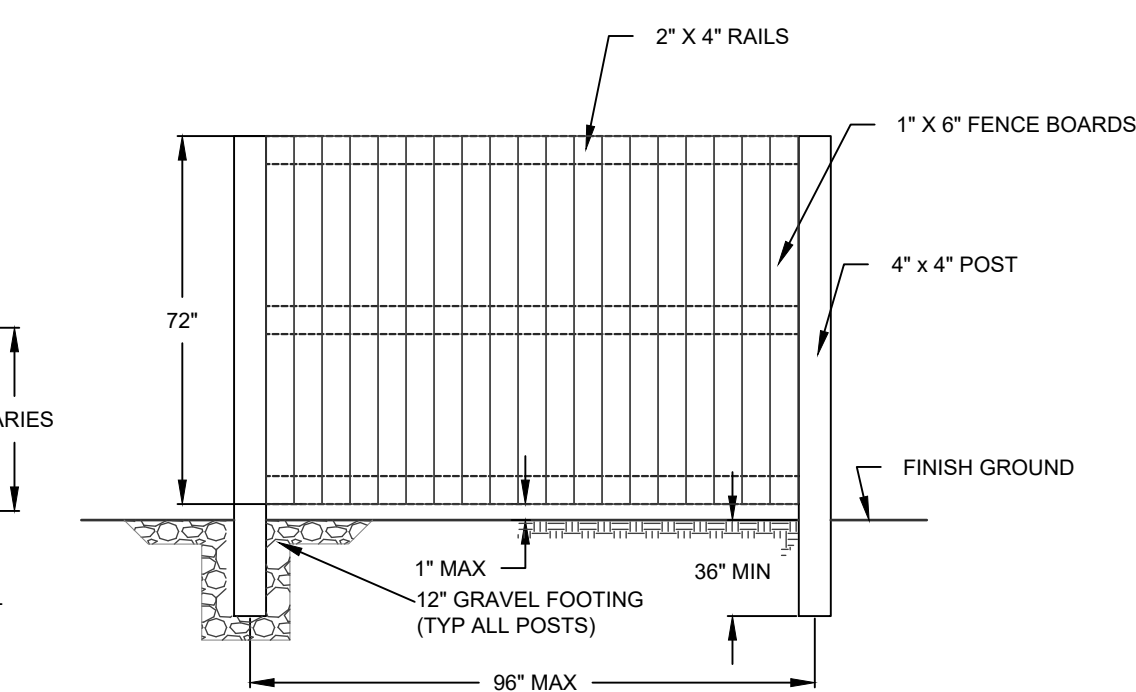
- NOTES:
1. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY EQUIPMENT AND SHALL PERFORM ALL WORK REQUIRED IN CONNECTION WITH THE TESTS. ALL PIPE SHALL BE TESTED BY HYDROSTATIC PRESSURE. FIFTY (50) PERCENT IN EXCESS OF THE NORMAL PSI WORKING PRESSURE IN ACCORDANCE WITH AWWA SPECIFICATION C-600, LATEST REVISION. EACH SECTION TESTED SHALL BE SLOWLY FILLED WITH WATER, CARE BEING TAKEN TO EXPEL ALL AIR FROM THE PIPES. IF NECESSARY, THE PIPES SHALL BE TAPPED AT HIGH POINTS TO VENT THE AIR. REQUIRED PRESSURE, AS MEASURED AT THE POINT OF LOWEST ELEVATION, SHALL BE APPLIED FOR NOT LESS THAN TWO (2) HOURS, AND ALL PIPE, FITTINGS, VALVES, HYDRANTS AND JOINTS SHALL BE CAREFULLY EXAMINED FOR DEFECTS. LEAKY JOINTS SHALL BE MADE WATERTIGHT.
 2. A LEAKAGE TEST SHALL BE CONDUCTED CONCURRENTLY WITH THE PRESSURE TEST IN ACCORDANCE WITH AWWA SPECIFICATION C-600, LATEST REVISION. PERMISSIBLE LEAKAGE SHALL BE IN ACCORDANCE WITH AWWA SPECIFICATION C-600, LATEST REVISION.
 3. BEFORE BEING PLACED IN SERVICE, THE ENTIRE LINE SHALL BE CHLORINATED. CHLORINE MAY BE APPLIED BY THE FOLLOWING METHODS: LIQUID CHLORINE GAS, WATER MIXTURE, DIRECT CHLORINE GAS FEED, OR CALCIUM HYPOCHLORITE AND WATER MIXTURE. ALL DISINFECTING METHODS AND MATERIALS SHALL BE IN ACCORDANCE WITH AWWA SPECIFICATION C-651, LATEST REVISION.

WATER PIPE TRENCH
SCALE: N.T.S.



- CONSTRUCTION SPECIFICATIONS:
1. ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS AND OTHER OBJECTIONABLE SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE WATERWAY.
 2. THE WATERWAY SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN, AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
 3. ALL EARTH REMOVED AND NOT NEEDED IN CONSTRUCTION SHALL BE SPREAD OR DISPOSED OF OUTSIDE THE WETLAND SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE WATERWAY.
 4. STABILIZATION SHALL BE DONE ACCORDING TO THE APPROPRIATE STANDARDS AND SPECIFICATIONS FOR VEGETATIVE PRACTICES. SEEDING AND MULCHING SHALL BE USED FOR ESTABLISHMENT OF THE VEGETATION. VEGETATION PROVIDED SHALL BE REED, CANARYGRASS, TALL FESCUE, KENTUCKY BLUEGRASS OR AN APPROVED EQUAL.

TEMPORARY GRASSED SWALE
SCALE: N.T.S.



BOARD-ON-BOARD FENCE
SCALE: N.T.S.

No.	DATE	DESCRIPTION
1	08/21/19	REVISED PER ENGINEER COMMENTS
2	12/18/19	REVISED PER ENGINEER COMMENTS
3	02/22/20	REVISED PER ENGINEER COMMENTS
4	02/19/20	REVISED PER ENGINEER COMMENTS
5	05/05/20	PARTIAL SET FOR FIRE CODE OFFICIAL REVIEW
6	05/19/20	REVISED PER ENGINEER COMMENTS
7	09/14/20	REVISED PER NOISE CONSULTANT COMMENTS
8	11/18/20	REVISED PER PUBLIC HEARING COMMENTS
9	12/23/20	REVISED PER ENGINEER COMMENTS

DRAWING STATUS	ISSUE DATE: 12/23/2020
THIS SHEET IS PART OF THE PLAN SET ISSUED FOR	SHEET NUMBER
<input type="checkbox"/> CONCEPT APPROVAL	N/A OF N/A
<input checked="" type="checkbox"/> PLANNING BOARD APPROVAL	22 OF 22
<input type="checkbox"/> OGDH REALTY SUBDIVISION APPROVAL	N/A OF N/A
<input type="checkbox"/> OGDH WATERMAIN EXTENSION APPROVAL	N/A OF N/A
<input type="checkbox"/> NYSDEC APPROVAL	N/A OF N/A
<input type="checkbox"/> NYSDOT APPROVAL	N/A OF N/A
<input type="checkbox"/> OTHER	N/A OF N/A
<input type="checkbox"/> FOR BID	N/A OF N/A
<input type="checkbox"/> FOR CONSTRUCTION	N/A OF N/A

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ORIGINAL SCALE IN INCHES	0 1 2 3

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