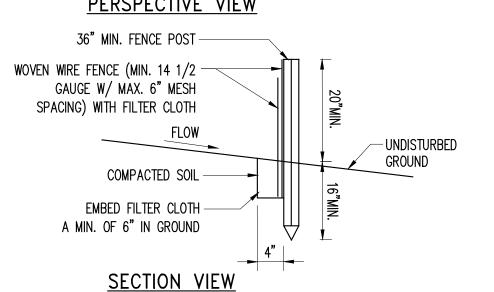


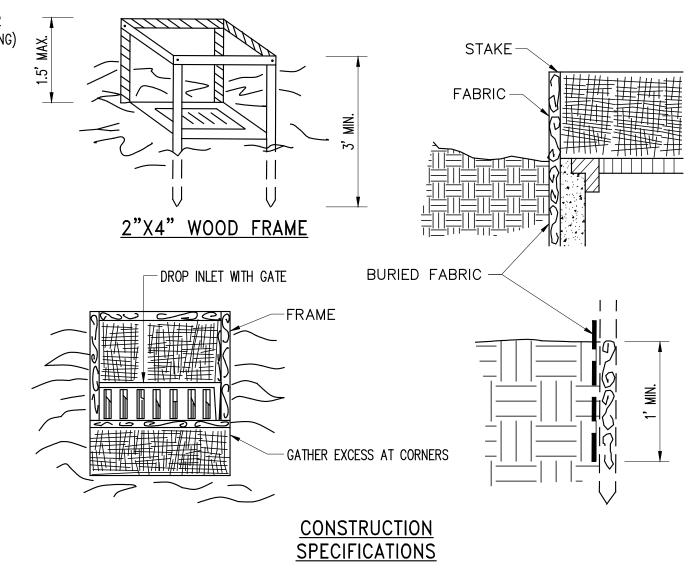
- 2. LENGTH NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY). 3. THICKNESS — NOT LESS THAN SIX (6) INCHES.
- 4. WIDTH TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY-FOUR (24) FOOT IF SINGLE ENTRANCE TO SITE.
- 5. FILTER CLOTH WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- 6. SURFACE WATER ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS
- THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED. 7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF
- SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- 8. IF WASHING IS USED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED 9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAINFALL EVENT.

36" MIN. LENGTH FENCE POSTS DRIVEN MIN. 16" INTO GROUND. 10' MAX. C. TO C. -WOVEN WIRE FENCE (MIN. 14 1/2 GAUGE W/ MAX. 6" MESH SPACING) HEIGHT OF FILTER = 16" MIN. PERSPECTIVE VIEW



CONSTRUCTION SPECIFICATIONS

- 1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
- 2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
- 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVER-LAPPED BY SIX INCHES AND FOLDED.
- FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT. 4. PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT.
- 5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.



- 1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS. 2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
- 3. STAKE MATERIALS WILL BE STANDARD 2" x 4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET. 4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT
- 5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
- 6. A 2" x 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY. MAXIMUM DRAINAGE AREA 1 ACRE.

FILTER FABRIC DROP INLET PROTECTION

w/2

['] 1.0' [']

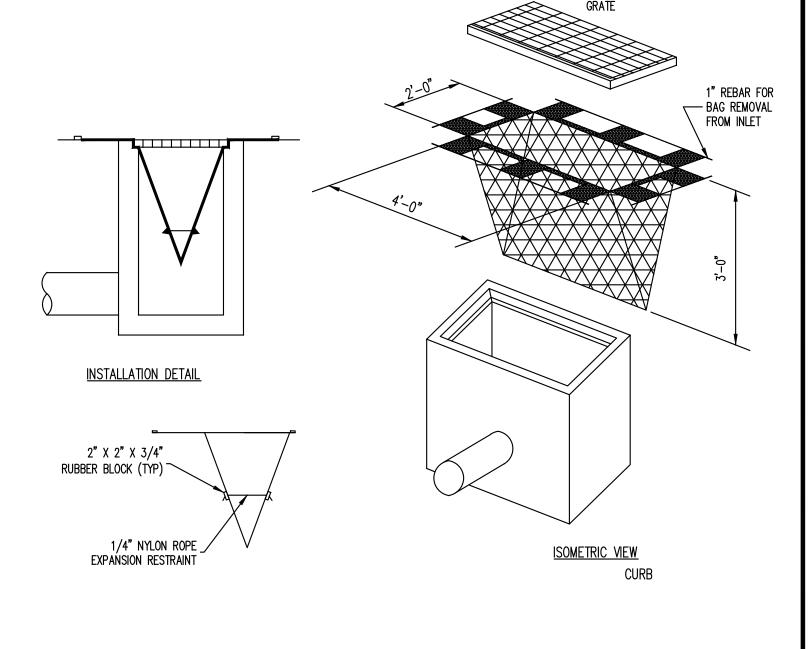
DISCHARGE TO

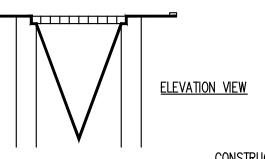
CONDITION)

SEMI-CONFINED SECTION (MAXIMUM TAIL WATER

> DEPTH DICTATED BY CHANNEL SECTION AT

END OF APRON





0.01.501

CONSTRUCTION SPECIFICATIONS

Swale I

Swale A

Swale J

Swale H

1. MAXIMUM DRAINAGE AREA = 1/2 ACRE. 2. INLET PROTECTION IS NOT REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP. BERMS REQUIRED FOR ALL INSTALLATIONS.

SILT SACK DETAIL (INLET PROTECTION)

2:1

2:1

2:1

2:1

MIRAFI FILTER

w = d + 0.4 La

Width (ft) Depth (ft) d50 (in) Slope

1.5

1.5

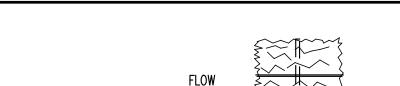


STABILIZE ENTIRE PILE WITH -

VEGETATION OR COVER

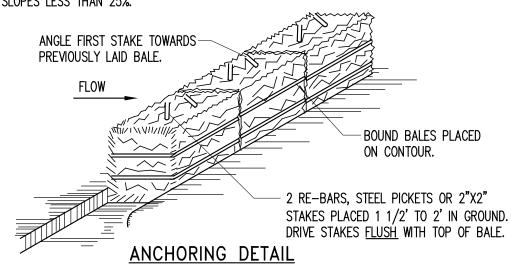
STABILIZED CONSTRUCTION ENTRANCE

0.01.501



4" VERTICAL FACE BEDDING DETAIL

DRAINAGE AREA NO MORE THAN 1/4 ACRE PER 100 FEET OF STRAW BALE DIKE FOR SLOPES LESS THAN 25%.



CONSTRUCTION SPECIFICATIONS

- 1. BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
- 2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL. 3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
- 4. INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED. 5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM
- FLOW OR DRAINAGE.





<u>PLANVIEW</u>

GRADED AGGREGATE -

PROFILE VIEW

FILTER OR FILTER CLOTH

DETAILS

130439 **BID SET** AS NOTED OCTOBER 30, 2019 0.01.501 22 OF 377 SHT

, SLOPE OR LESS (SEE SEDIMENT CONTROL NOTES) MIN. SLOPE MIN. SLOPE

INSTALLATION NOTES

- 1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE
- 2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 2:1.
- 3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION
- 4. SEE DETAIL ON THIS DRAWING FOR INSTALLATION OF SILT FENCE.



225 Park Avenue South

New York, NY 10003

(212) 777-4400 FAX: (212) 473-2780

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SOIL STOCKPILING

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Gannett Fleming

Imbiano · Quigley Landscape Architects 31 Mamaroneck Ave., 7th Floor White Plains, New York 10601 admin@iqlandarch.com (914) 232-0200

COUNTY OF ROCKLAND **CAPITAL PROJECT NO. 1307** HIGHWAY DEPARTMENT / **EMERGENCY OPERATIONS FACILITY** COUNTY OF ROCKLAND, NEW YORK

(SHEET 1 OF 7)

FABRIC 180N FABRIC 180N 6"MIN. SECTION B-B SECTION A-A (AT END OF APRON) (AT END OF CULVERT) 3' MIN. RIPRAP OUTLET PROTECTION \Q.01.50*1*

w = d + 0.4 La

MIRAFI FILTER -

E 0.01.501

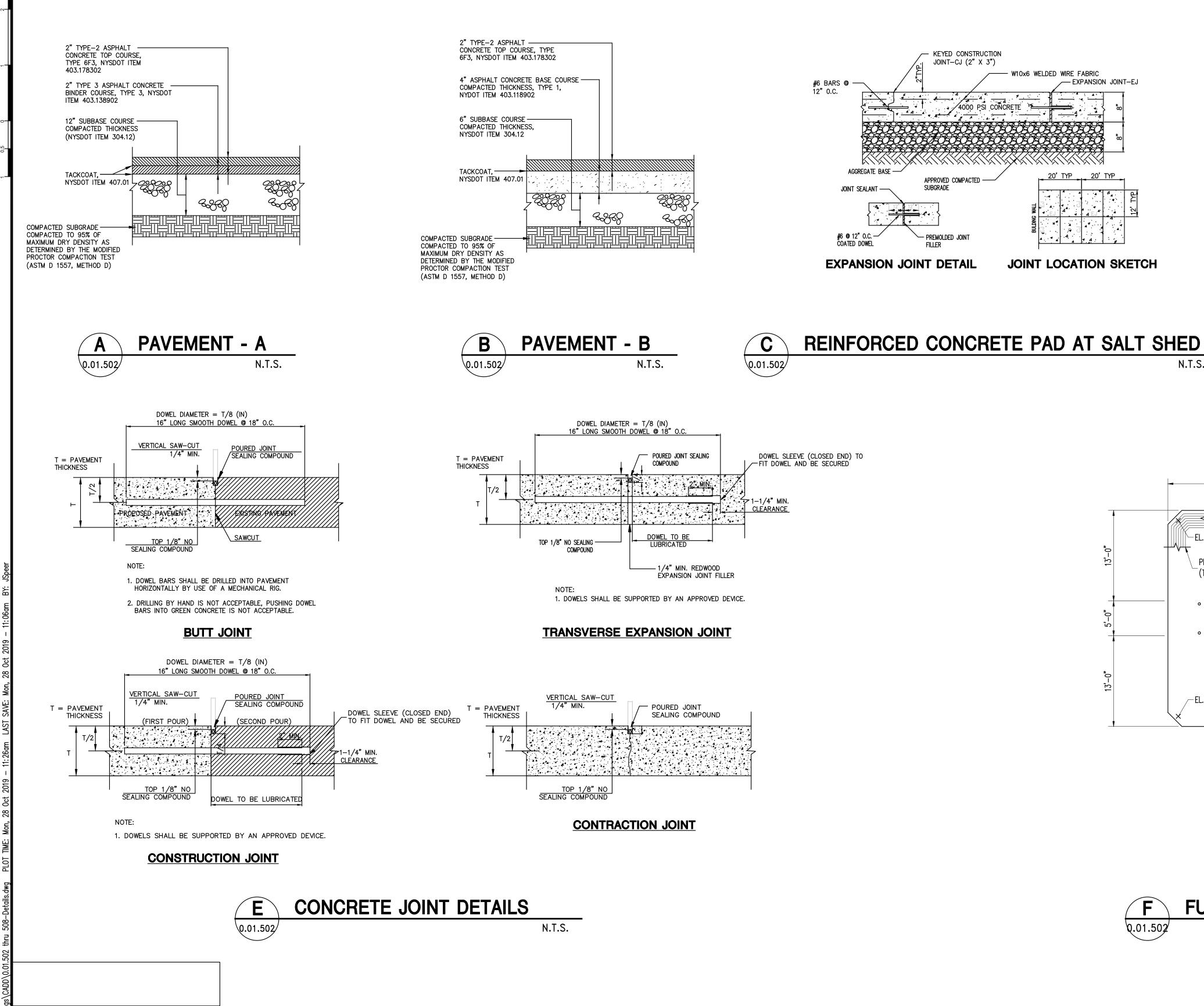
STRAW BALE DIKE

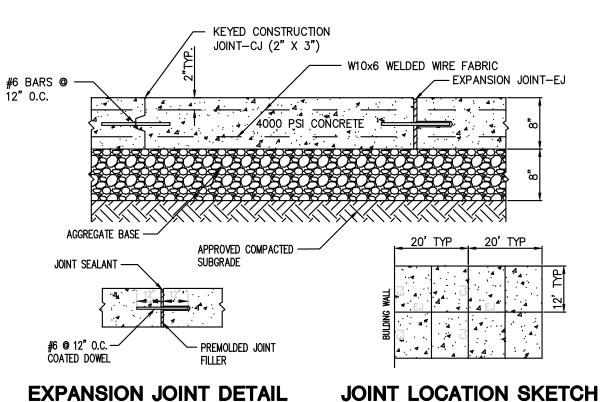
SILT FENCE

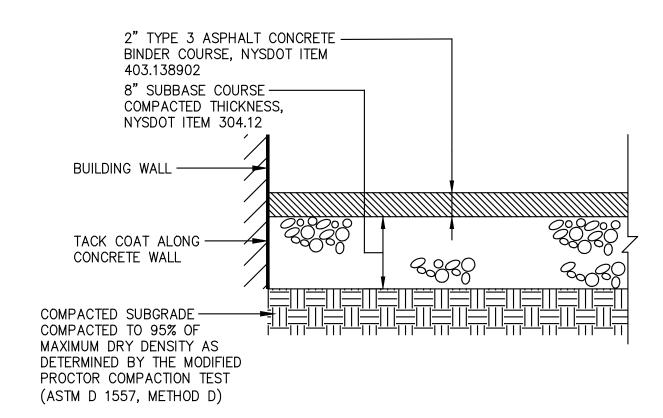
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(SEE OUTLET TABLE)

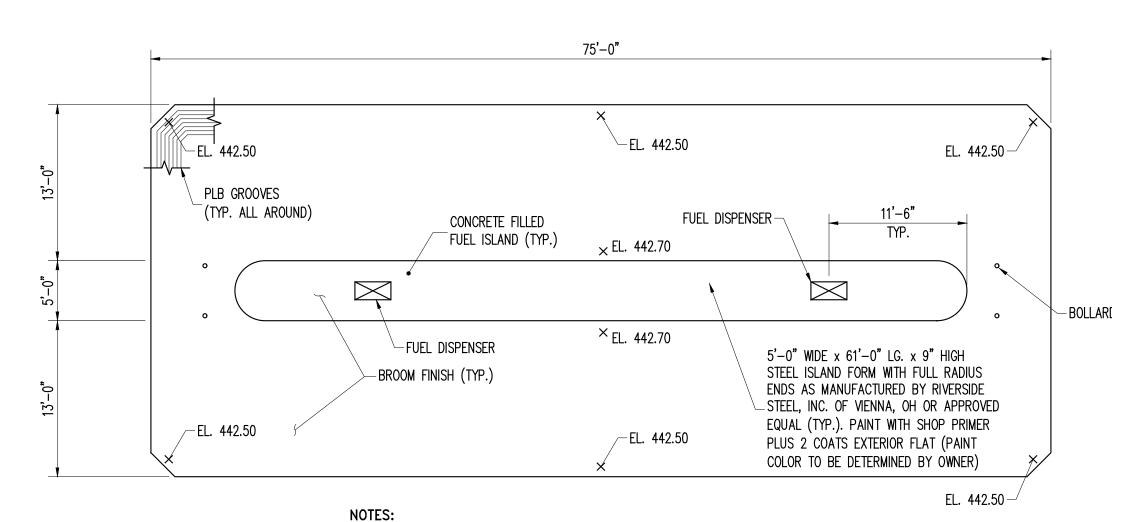
—FLARED END SECTION







ASPHALT PAVEMENT IN SALT STORAGE BUILDING



1. THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT AND MATERIAL NECESSARY TO FURNISH, INSTALL, TEST AND PLACE IN SATISFACTORY OPERATION, INCLUDING ALL MOUNTING HARDWARE, PAD AND ISLAND PIPING, CONTROLS AND MISCELLANEOUS ACCESSORIES IN PLACE AS SHOWN AND SPECIFIED IN THE CONTRACT DOCUMENTS, AND APPROVED BY THE ENGINEER.

2. ALL JOINTS TO BE PROVIDED WITH CHEMICAL RESISTANT WATER STOP, EARTH SHIELD TPV (PART NO JP43L) AS MANUFACTURED BY JP SPECIALTIES, LAKE ELSINORE, CA OR APPROVED EQUAL.



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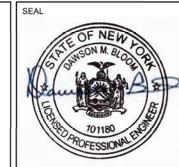






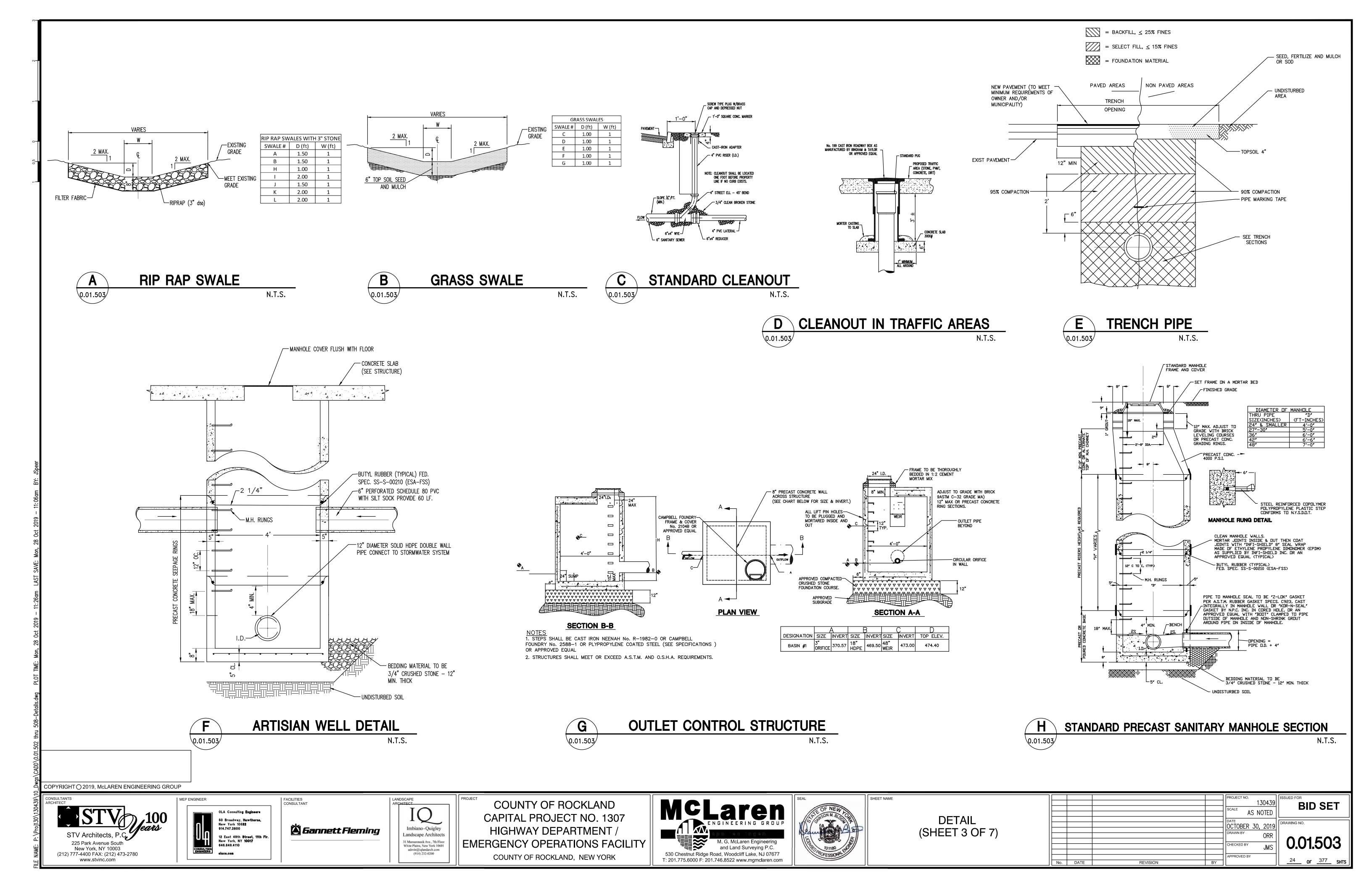
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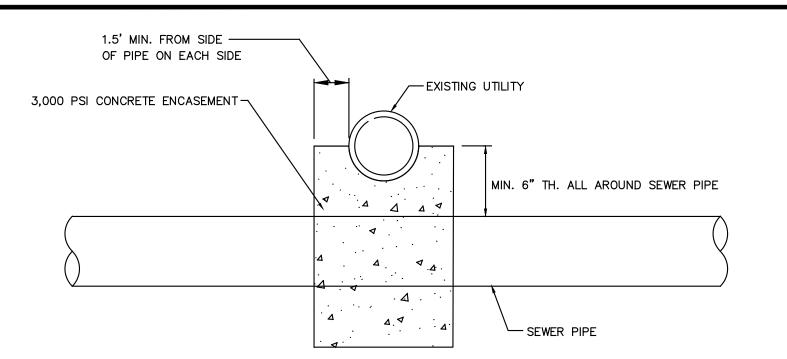




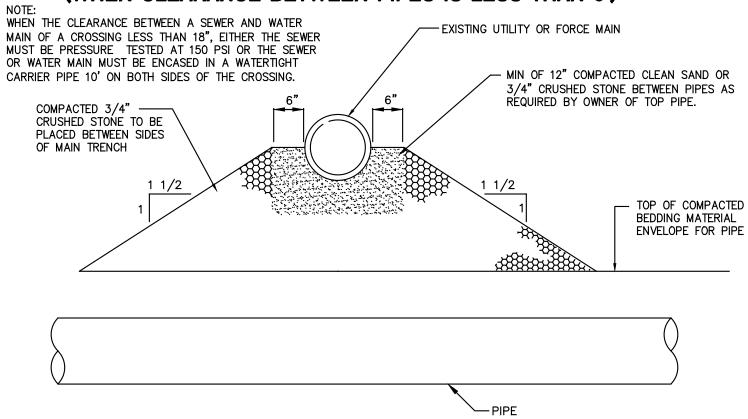
DETAIL (SHEET 2 OF 7)

				PROJECT NO. 130439	ISSUED FOR
				SCALE AS NOTED	BID SET
				DATE	DRAWING NO.
				OCTOBER 30, 2019 DRAWN BY ORR	
				OUEDVED BY	0.01.502
				APPROVED BY	0.01.002
No.	DATE	REVISION	BY	APPROVED BY	



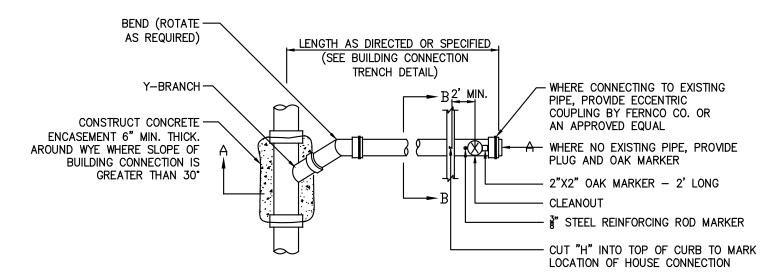


(WHEN CLEARANCE BETWEEN PIPES IS LESS THAN 6")

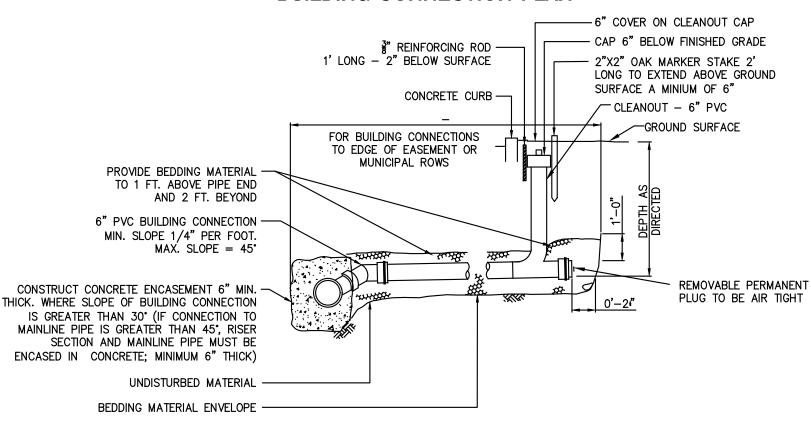


(WHEN CLEARANCE BETWEEN PIPES IS 6" OR MORE)



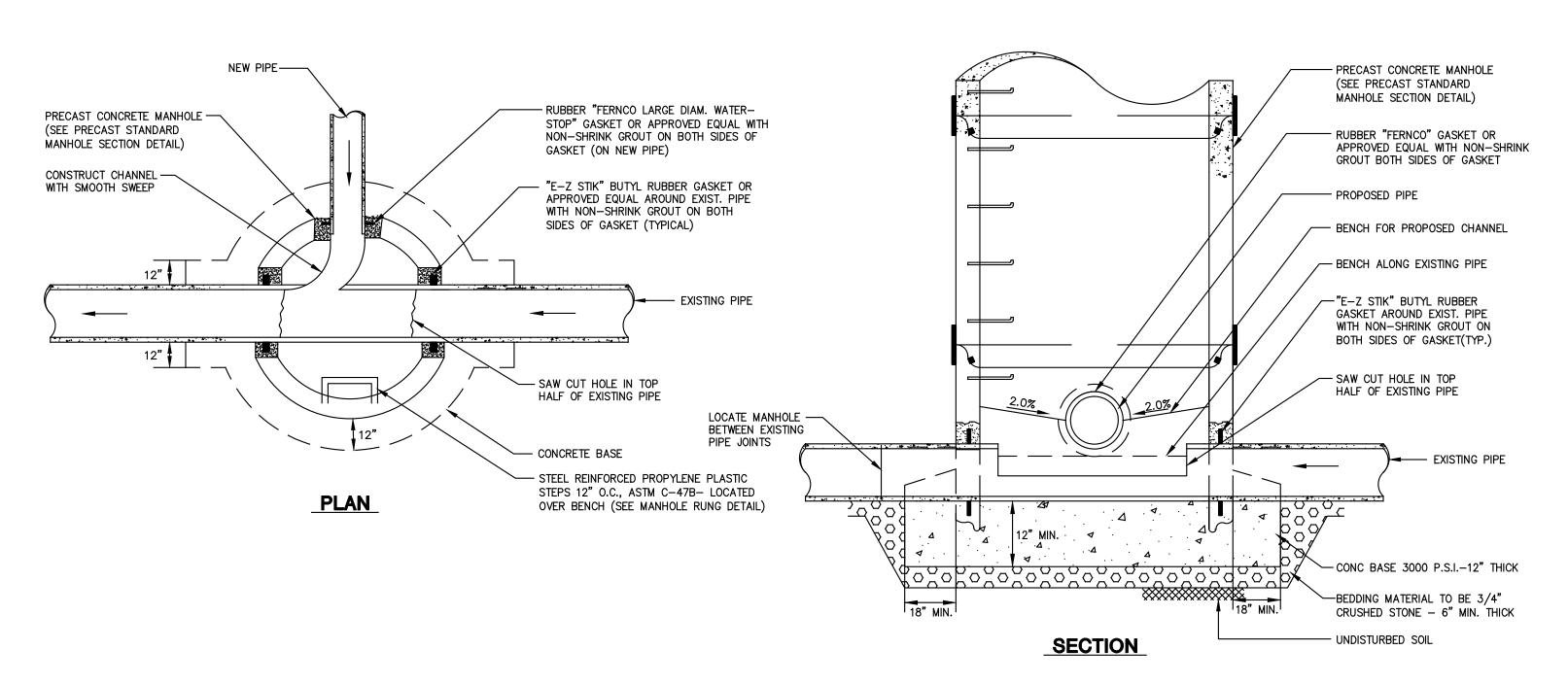


BUILDING CONNECTION PLAN

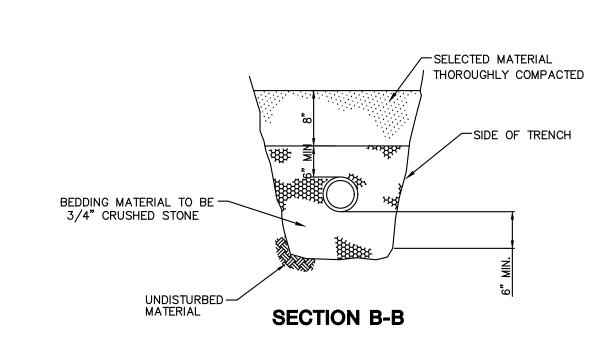


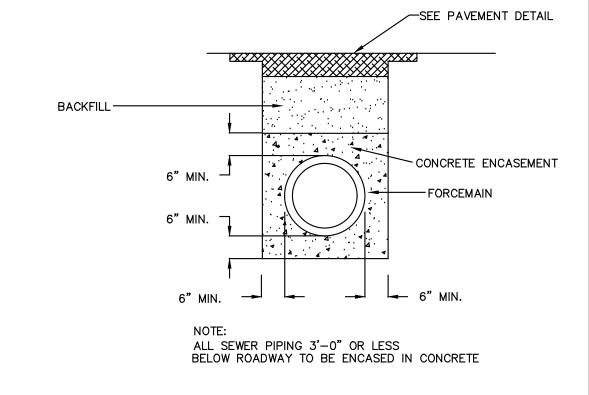
SECTION A-A
BUILDING CONNECTION ELEVATION

BUILDING SEWER CONNECTION DETAIL N.T.S.



E SEWER DOGHOUSE MANHOLE DETAIL N.T.S.

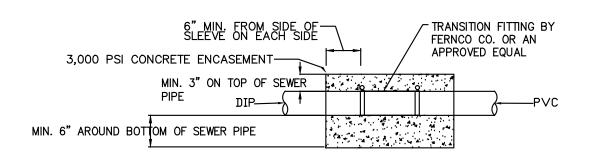




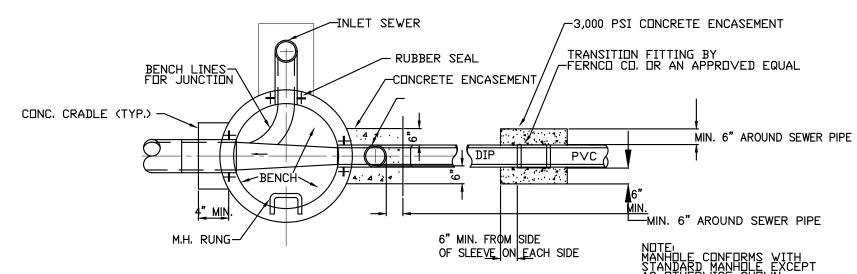
C BUILDING CONNECTION TRENCH DETAIL

D CONCRETE ENCASED PIPE DETAIL

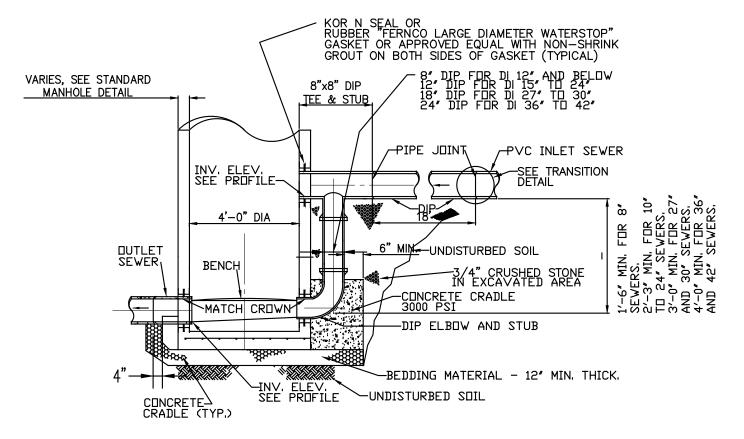
N.T.S.



TRANSITION DETAIL



DROP MANHOLE PLAN



F SEWER DROP MANHOLE

0.01.504 N.T.S.

CONSULTANTS ARCHITECT

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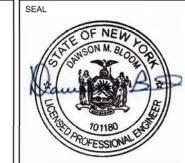
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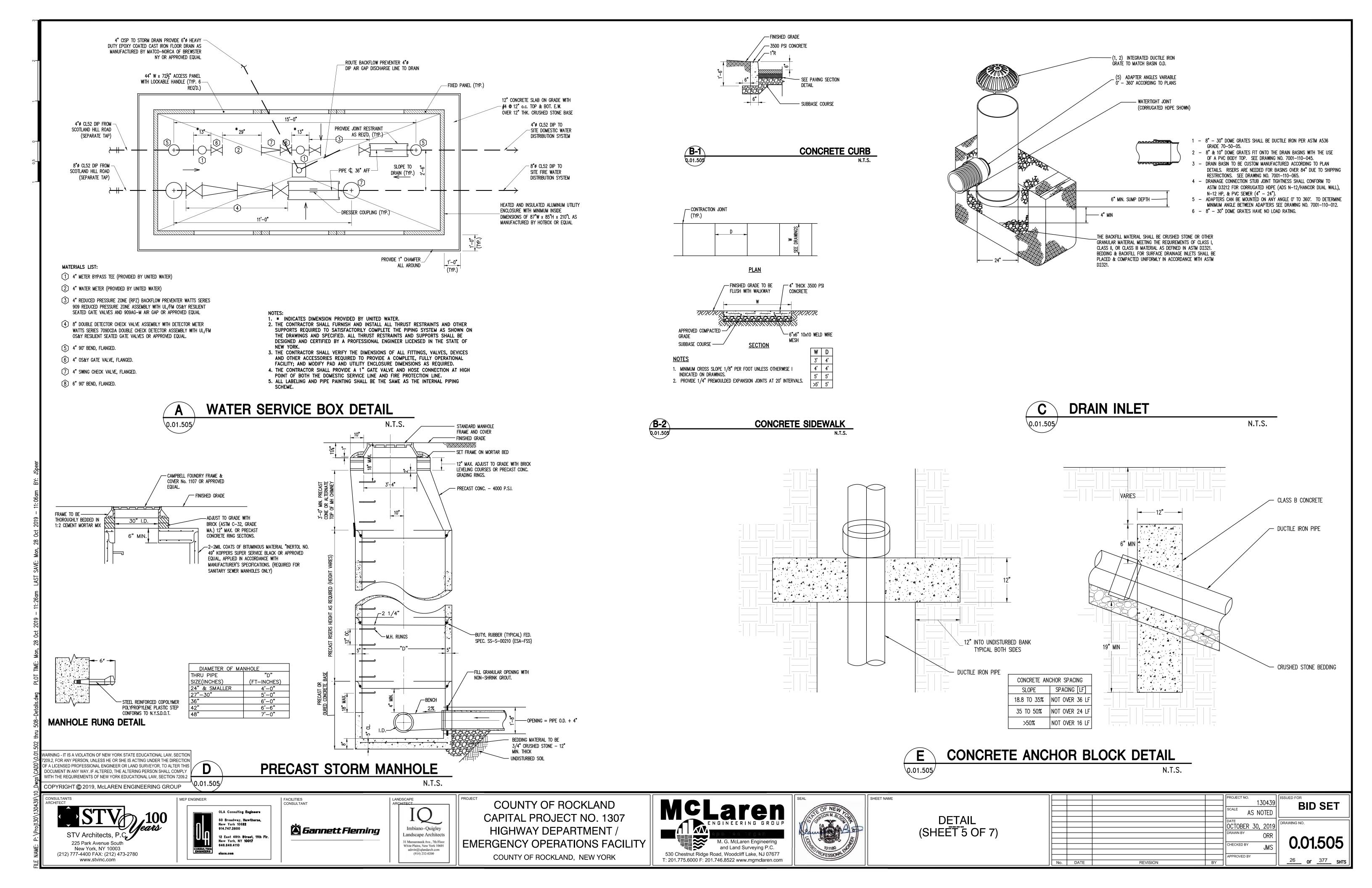
COUNTY OF ROCKLAND
CAPITAL PROJECT NO. 1307
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COUNTY OF ROCKLAND, NEW YORK

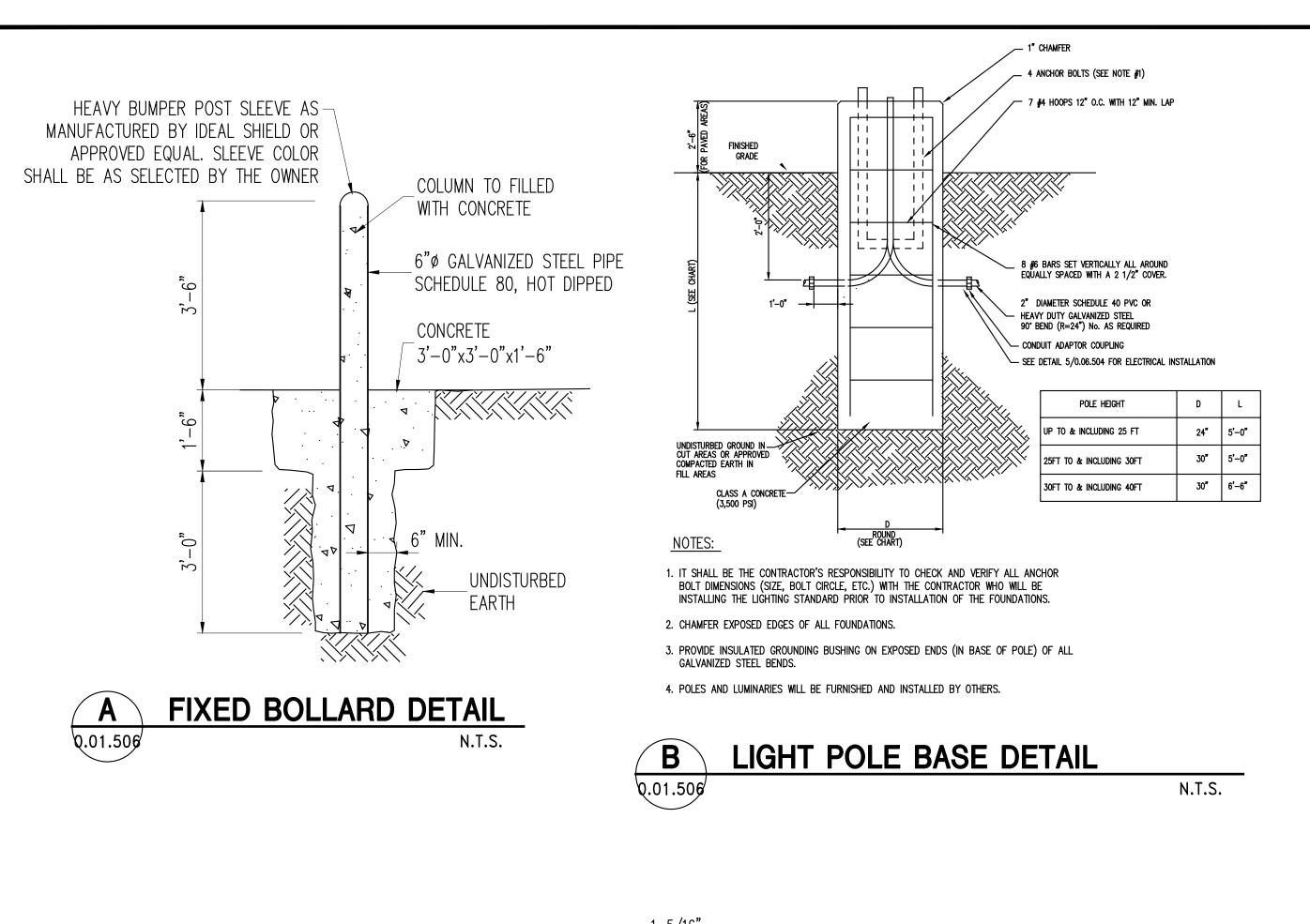


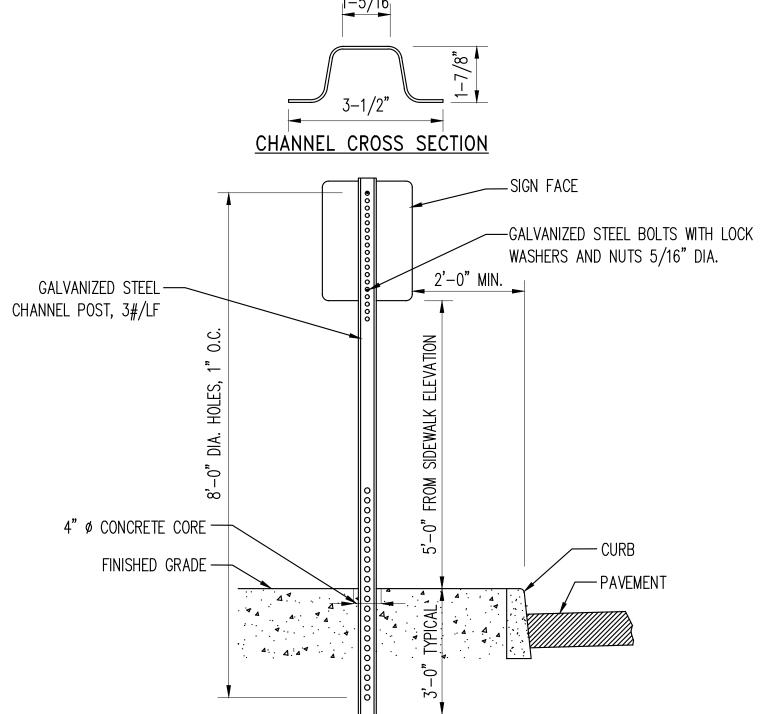


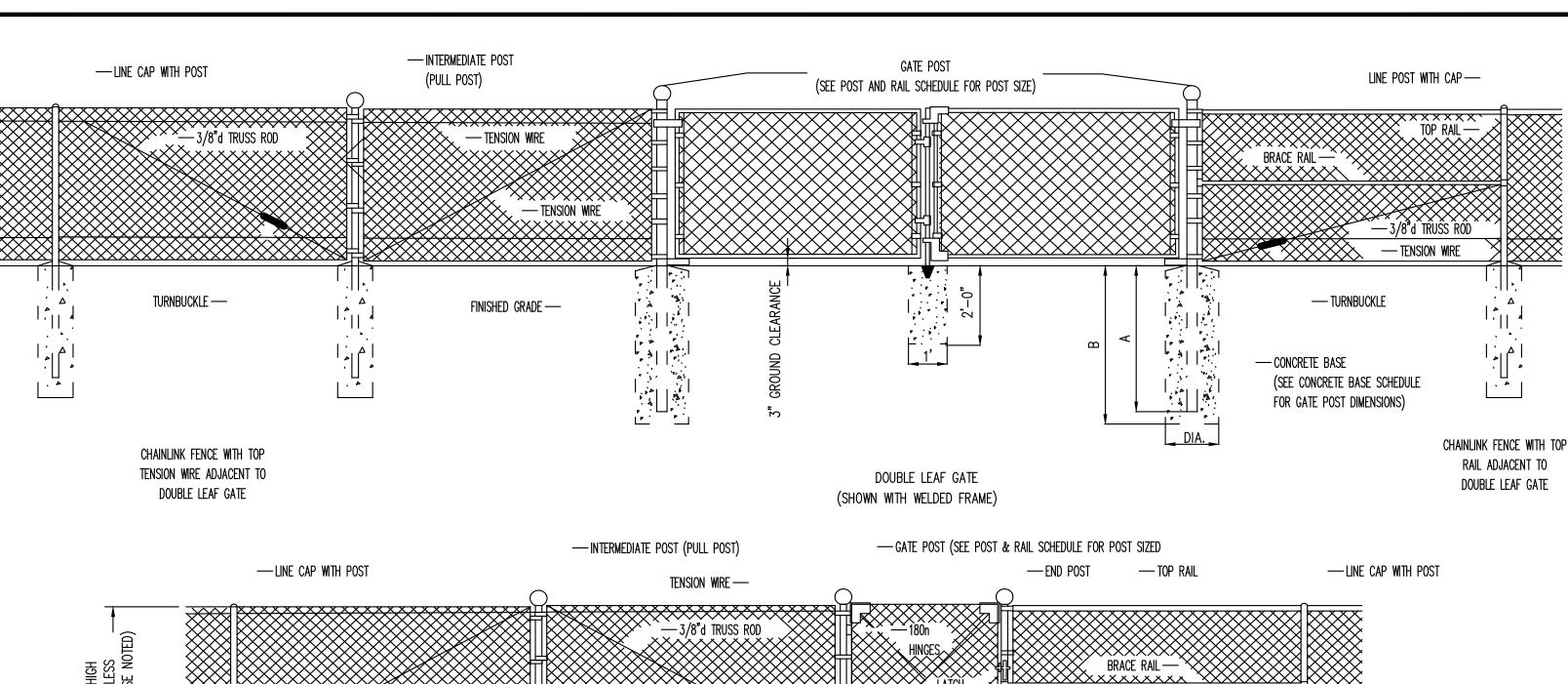
DETAIL (SHEET 4 OF 7)

				PROJECT NO. 130439 SCALE BID SET
				AS NOTED
				OCTOBER 30, 2019 PRAWING NO.
				DRAWN BY ODD
				CHECKED BY JMS 0.01.504
Na	DATE	DEVICION	DV	APPROVED BY 25 OF 377 SHITS









BRACE RAIL—

3/8"d TRUSS ROD— TENSION WIRE — ' --- TURNBUCKLE — TURNBUCKLE 3" GROUND CONCRETE BASE(SEE GATE — FINISHED GRADE — POST CONCRETE BASE SCHEDULE FOR DIMENSIONS) CHAINLINK FENCE WITH TOP CHAINLINK FENCE WITH TOP RAIL ADJACENT TO TENSION WIRE ADJACENT TO SINGLE LEAF GATE SINGLE LEAF GATE SINGLE LEAF GATE

- GATES POSTS IN ROCK. WHERE SUBSTANTIAL ROCK IS ENCOUNTERED A HOLE 1" LARGER THAN THE AGGREGATE MIXED TO A PLASTIC CONSISTENCY SHOWING NO SIGN OF FREE WATER. THE HANDMIXING AND CONSOLIDATION OF THE MORTAR SHALL BE PREFORMED IN A MANNER APPROVED BY THE ENGINEER.
- 2. THE CONTRACTOR SHALL SUBMIT THE DETAILS FOR GATES AND CHAINLINK FENCE ADJACENT TO THEM TO THE ENGINEER. NO FENCE OR GATES SHALL BE ERECTED PRIOR TO THE APPROVAL OF THE VARIOUS DETAILS.
- 3. STEEL PIPES AND SHAPES SHALL WEIGH AT LEAST 95% OF THE WEIGHT SPECIFIED ON THIS SHEET. THEY MAY EXCEED THE SPECIFIED WEIGHT.

GATE POST CONCRETE BASE SCHEDULE							
USE	DIA.	A	В				
GATE POST FOR SINGLE LEAF GATES UP TO 12' SPAN	14"	3'-0"	3'-6"				
GATE POST FOR DOUBLE LEAF GATES UP TO 24' SPAN	14"	3'-0"	3'-6"				
GATE POST FOR DOUBLE LEAF GATES 28' — 36' SPAN	24"	3'-0"	3'-6"				
GATES POSTS FOR DOUBLE LEAF GATES 40'- 44'	24"	3'-6"	3'-8"				

(SEE NOTE 1) *FROM ANSI - H35.2(M)

	POST AND RAIL SO	CHEDULE			
			STEEL		
USE	SECTION	NPS DESIGNATOR	ROLLFORMED	O.D. SIZE	WEIGHT LBS/FT
	SCHEDULE 40 PIPE	2 1/2		2 7/8"	5.79
GATE POSTS FOR SINGLE LEAF	CLASS B, STEEL	2 1/2		2 7/8"	4.64
GATES LESS THAN 6' SPAN	ROLLFORMED		3 1/2 X 3 1/2		5.10
GATE POSTS FOR SINGLE LEAF	SCHEDULE 40 PIPE	3 1/2		4"	9.11
GATES LESS THAN 6' - 12' SPAN	ROLLFORMED		3 1/2 X 3 1/2		5.10
GATE POSTS FOR DOUBLE LEAF	SCHEDULE 40 PIPE	3 1/2		4"	9.11
GATES, 10' – 24' SPAN	ROLLFORMED		3 1/2 X 3 1/2		5.10
GATES POSTS FOR DOUBLE LEAF GATES, 28' – 36' SPAN	SCHEDULE 40 PIPE	6		6 5/8"	18.97
GATE POSTS FOR DOUBLE LEAF GATES, 40' – 44' SPAN	SCHEDULE 40 PIPE	8		8 5/8"	28.55
GATE FRAME FOR GATES 8' IN WIDTH OR LESS	SCHEDULE 40 PIPE	1 1/2		1 7/8"	2.72
GATE FRAME FOR GATES GREATER THAN 8' IN WIDTH	SCHEDULE 40 PIPE	2		2 3/8"	3.65

(SHOWN WITH CORNER FITTINGS)

SIGN POSTS N.T.S. 0.01.506

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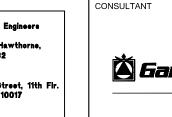
CHAIN LINK FENCE N.T.S. 0.01.506



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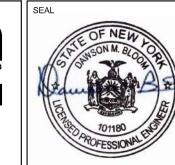






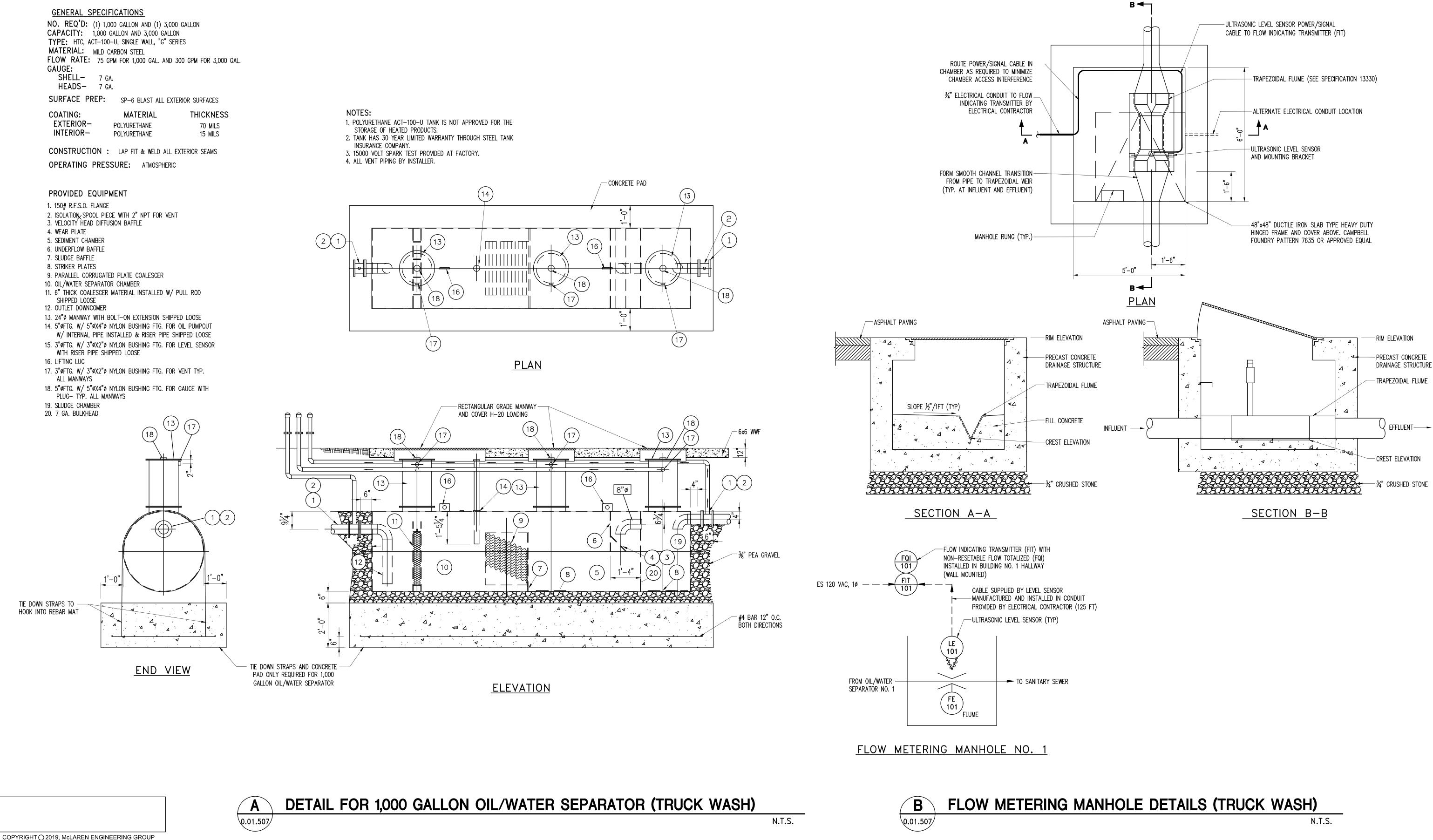
COUNTY OF ROCKLAND **CAPITAL PROJECT NO. 1307** HIGHWAY DEPARTMENT / EMERGENCY OPERATIONS FACILITY COUNTY OF ROCKLAND, NEW YORK





DETAIL (SHEET 6 OF 7)

				PROJECT NO. 130439 SCALE AS NOTED	BID SET
				DATE OCTOBER 30, 2019 DRAWN BY ORR CHECKED BY JMS	0.01.506
No.	DATE	REVISION	BY	APPROVED BY	<u>27</u> OF <u>377</u> SHTS



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Landscape Architects
31 Mamaroneck Ave., 7th Floor
White Plains, New York 10601

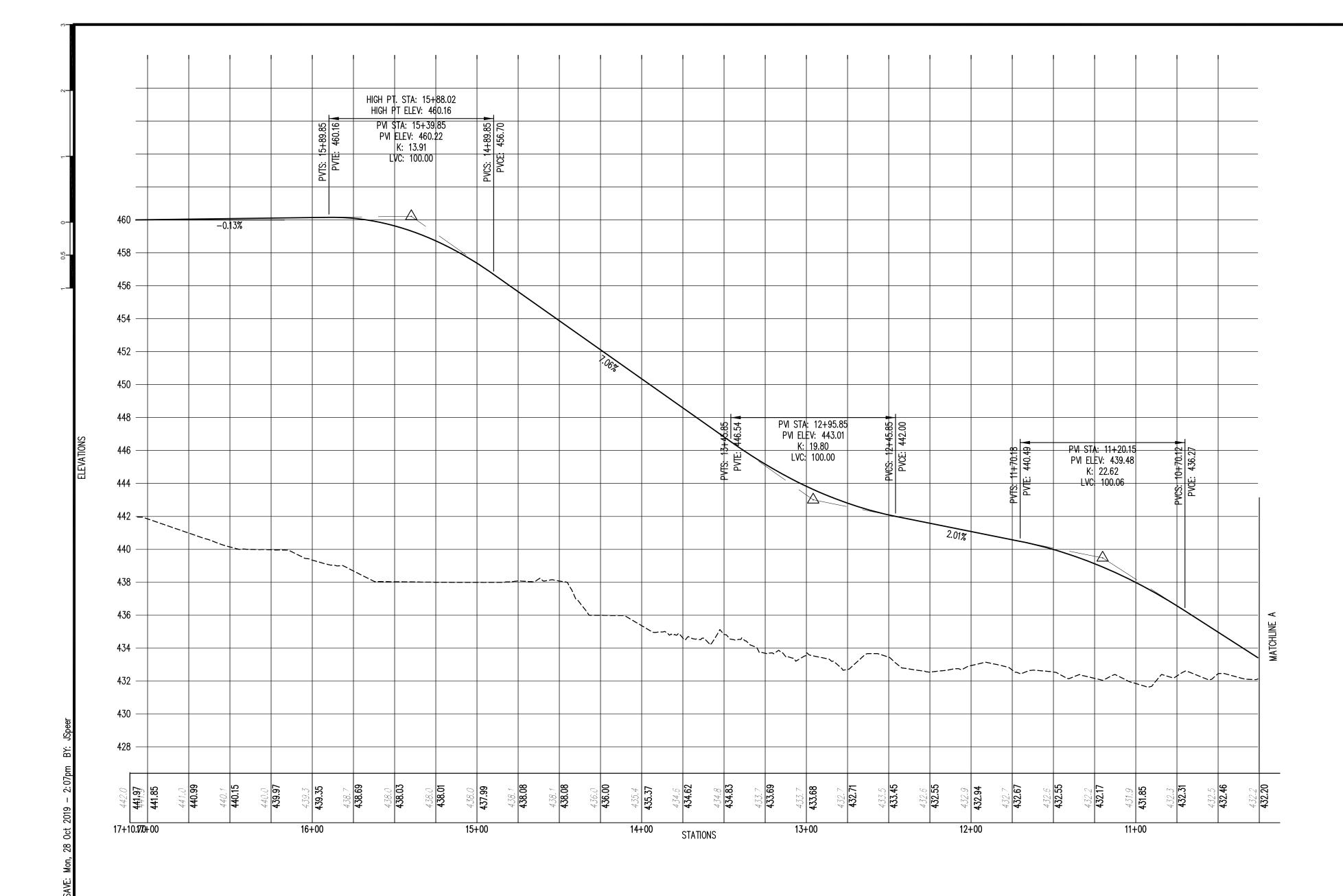
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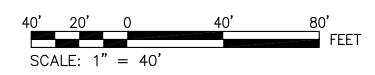




DETAIL (SHEET 7 OF 7)

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$\frac{28}{}$ OF $\frac{377}{}$ SHTS		BY	REVISION	DATE	No.





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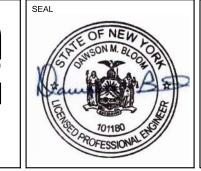






COUNTY OF ROCKLAND CAPITAL PROJECT NO. 1307 HIGHWAY DEPARTMENT / **EMERGENCY OPERATIONS FACILITY** COUNTY OF ROCKLAND, NEW YORK





ROAD PROFILES (PAGE 1 OF 2)

BID SE	130439 1"= 40'	PROJECT NO. SCALE				
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29 OF 377	,	APPROVED BY	BY	REVISION	DATE	0.

