

# CONSTRUCTION PLANS FOR

# CONNECTOR ROAD SEWER EXTENSION

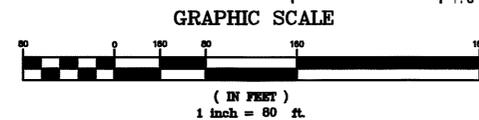
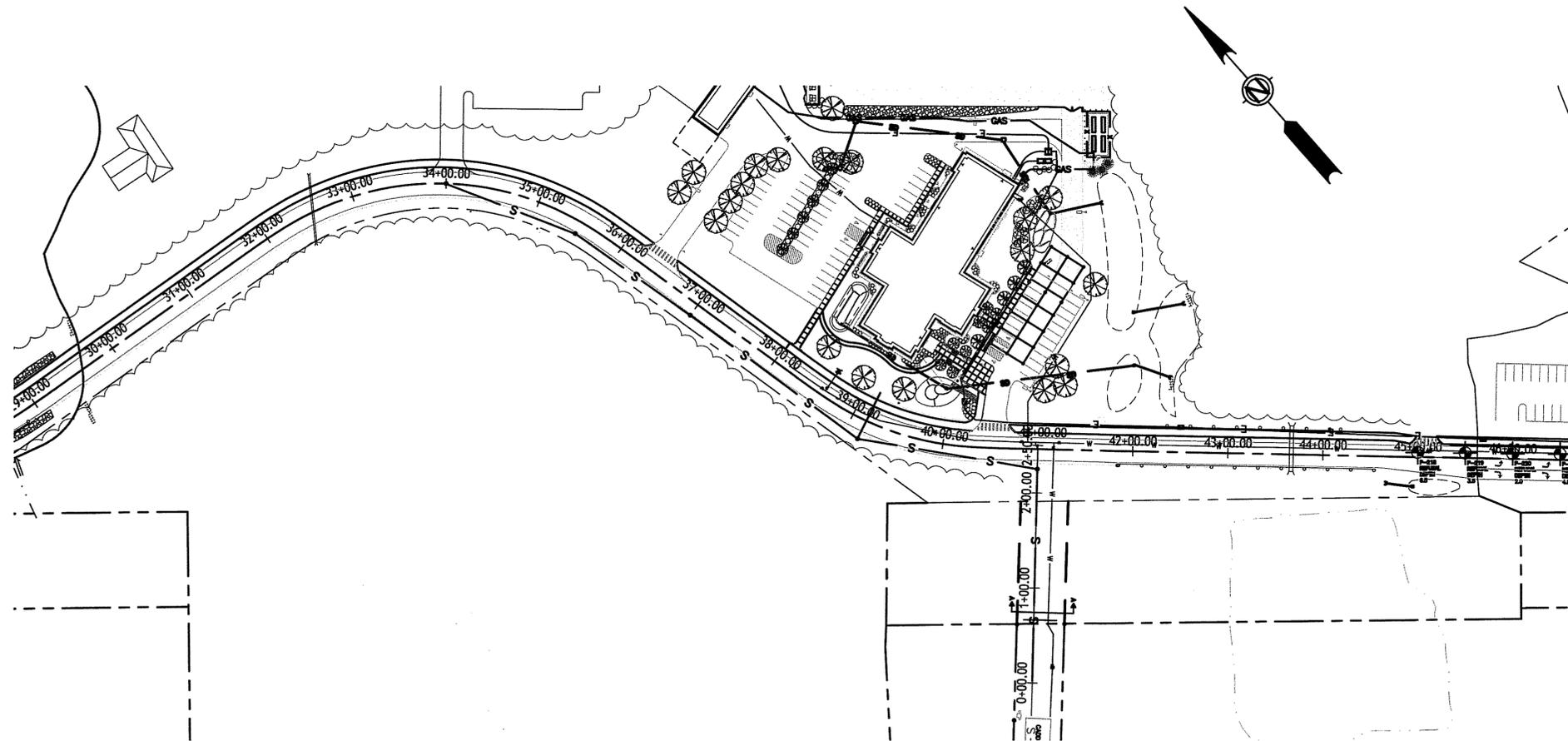
## YORK, MAINE

## PREPARED FOR THE

## YORK SEWER DISTRICT

**GENERAL NOTES**

1. THE PURPOSE OF THIS PLAN IS TO DEPICT THE DESIGN OF A PROPOSED SEWER EXTENSION ALONG THE PROPOSED CONNECTOR ROAD FROM CADDY'S WAY TO SERVE THE PROPOSED POLICE STATION AND OTHER POTENTIAL PROPERTIES IN THE VICINITY AS APPROVED BY THE YORK SEWER DISTRICT.
2. EXISTING AND PROPOSED CONDITIONS FOR THE PROPOSED POLICE STATION AND CONNECTOR ROAD SHOWN ON THIS PLAN WERE OBTAINED FROM THE TOWN'S CONSULTANT, SMRT INC., ON MARCH 19, 2013. CLD MAKES NO CLAIM TO THE ACCURACY OF INFORMATION PROVIDED BY SMRT AND SHOWN HEREON.
3. UTILITY LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE AND MAY NOT BE ENTIRELY ACCURATE OR COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES, BOTH OVERHEAD AND UNDERGROUND, THROUGHOUT THE COURSE OF THE WORK.
4. RIGHT OF WAY AND PROPERTY LINES ARE APPROXIMATE AND ARE SHOWN IN THE LOCATIONS PROVIDED BY SMRT.
5. RIMS OF ALL STRUCTURES SHALL BE SET TO FINISH GRADE PRIOR TO FINAL PAVING, GRAVEL, AND/OR SEEDING.
6. ALL SEWER UTILITY WORK, MATERIALS AND TESTING SHALL BE COMPLETED PER THE YORK SEWER DISTRICT'S REQUIREMENTS AND THIS PLAN SET.
7. CONTRACTOR SHALL NOTIFY THE RESPECTIVE UTILITY DISTRICT IN ADVANCE OF ANY WORK SO THAT THE DISTRICT CAN OBSERVE INSTALLATION AND TESTING.
8. LOCATIONS OF SEWER SERVICE SHOWN ON THE PLAN IS APPROXIMATE. FINAL LOCATIONS SHALL BE DETERMINED IN THE FIELD WITH THE RESPECTIVE OWNER AND YORK SEWER DISTRICT. CONTRACTOR SHALL PROVIDE AS-BUILT TIES TO THE SERVICE WYES AND ENDS.
9. CONTRACTOR SHALL RESTORE ROADWAY AND ALL DISTURBED AREAS TO ITS ORIGINAL CONDITION AND GRADE. THIS INCLUDES BUT IS NOT LIMITED TO PAVEMENT, GRAVEL, CRUSHED GRAVEL, CRUSHED STONE, AND GRASS. THICKNESS OF EACH MATERIAL SHALL MATCH EXISTING CONDITIONS, UNLESS OTHERWISE NOTED.
10. CONTRACTOR SHALL NOTIFY ALL ADJACENT OF THE PROPOSED WORK A MINIMUM OF 72 HOURS PRIOR TO MOBILIZATION. THE CONTRACTOR SHALL MAINTAIN VEHICULAR AND PEDESTRIAN ACCESS, INCLUDING EMERGENCY VEHICLE ACCESS, TO ADJACENT PROPERTIES AT ALL TIMES DURING THE COURSE OF THE WORK. TEMPORARY DISRUPTIONS OF ACCESS NECESSARY FOR CONSTRUCTION SHALL BE KEPT TO THE ABSOLUTE MINIMUM AND SHALL BE COORDINATED/NOTICED IN ADVANCE WITH THE AFFECTED PROPERTY OWNERS AND TENANTS.
11. WARRANTY PROVISIONS: CONTRACTOR SHALL UNCONDITIONALLY WARRANT AND GUARANTEE THAT THE PROJECT WILL BE FREE FROM DEFECTS FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE BY THE OWNER AND YORK SEWER DISTRICT. IF ANY DEFECTS ARE DISCOVERED DURING THE WARRANTY PERIOD, THE CONTRACTOR AGREES TO PROMPTLY PERFORM ALL REMEDIAL WORK AT NO ADDITIONAL COST OR LIABILITY TO THE OWNER OR YORK SEWER DISTRICT.
12. NO WORK SHALL TAKE PLACE UNTIL ALL EASEMENTS AND APPROVALS ARE OBTAINED BY THE TOWN OF YORK.
13. THE TOWN OF YORK IS RESPONSIBLE FOR OBTAINING ALL REQUIRED FEDERAL, STATE AND LOCAL PERMITS.
14. NO WORK SHALL TAKE PLACE UNTIL A USE AGREEMENT FROM CENTRAL MAINE POWER IS GRANTED FOR THE UTILITY CROSSING UNDER THE TRANSMISSION WIRES WITHIN THE PROPOSED 50' WIDE EASEMENT.



**SHEET LISTING**

- 1 COVER SHEET
- 2-4 PLAN & PROFILE
- 5 STANDARD DETAILS

**APPROVAL SIGNATURE BLOCK:**

WATER: \_\_\_\_\_ DATE: \_\_\_\_\_

SEWER: \_\_\_\_\_ DATE: \_\_\_\_\_



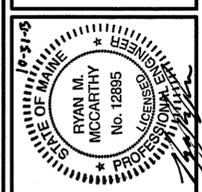
CONTACT DIG SAFE 72 HOURS  
PRIOR TO CONSTRUCTION

THE LOCATION OF ANY UTILITY INFORMATION SHOWN ON THIS PLAN IS APPROXIMATE. CLD ENG. INC. MAKES NO CLAIM TO THE ACCURACY OR COMPLETENESS OF UTILITIES SHOWN. 72 HOURS PRIOR TO ANY EXCAVATION ON SITE, THE CONTRACTOR SHALL CONTACT DIG-SAFE AT 1-888-DIG-SAFE.

NO.	DATE	REVISION	DESIGNED:	CHECKED:	APPROVED:
	DAD		JAD	RMM	JLF

**CLD CONSULTING ENGINEERS**

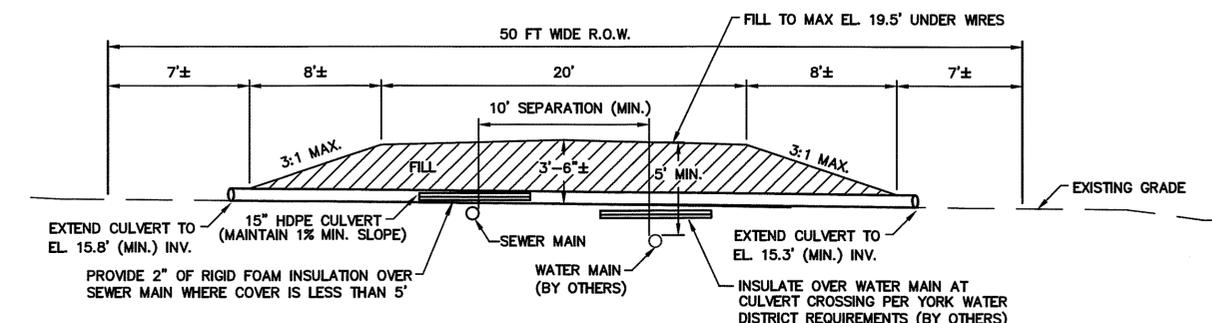
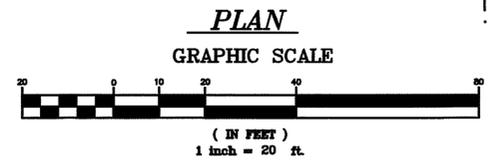
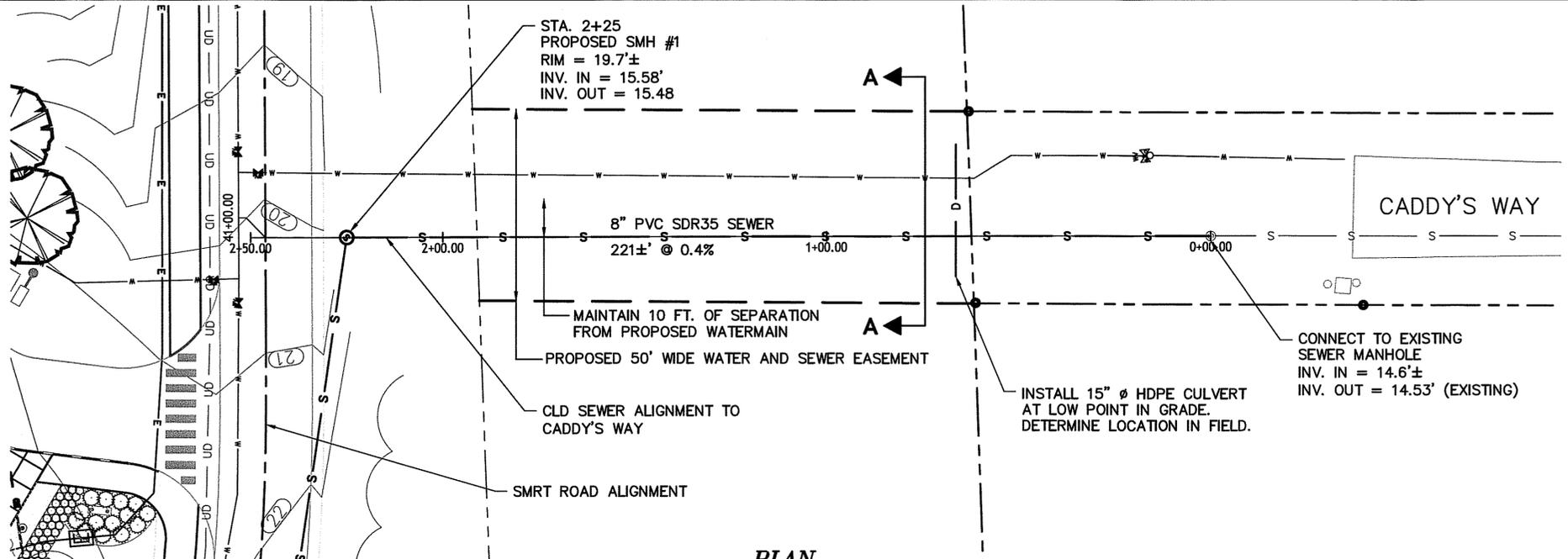
Inc.  
316 U.S. Route 1, Suite D • York, ME 03909  
(207) 363-0669 • Fax: (207) 363-2384  
clde@cldeengineers.com • www.cldeengineers.com  
Maine • New Hampshire • Vermont



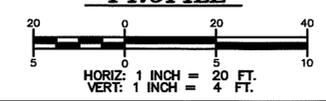
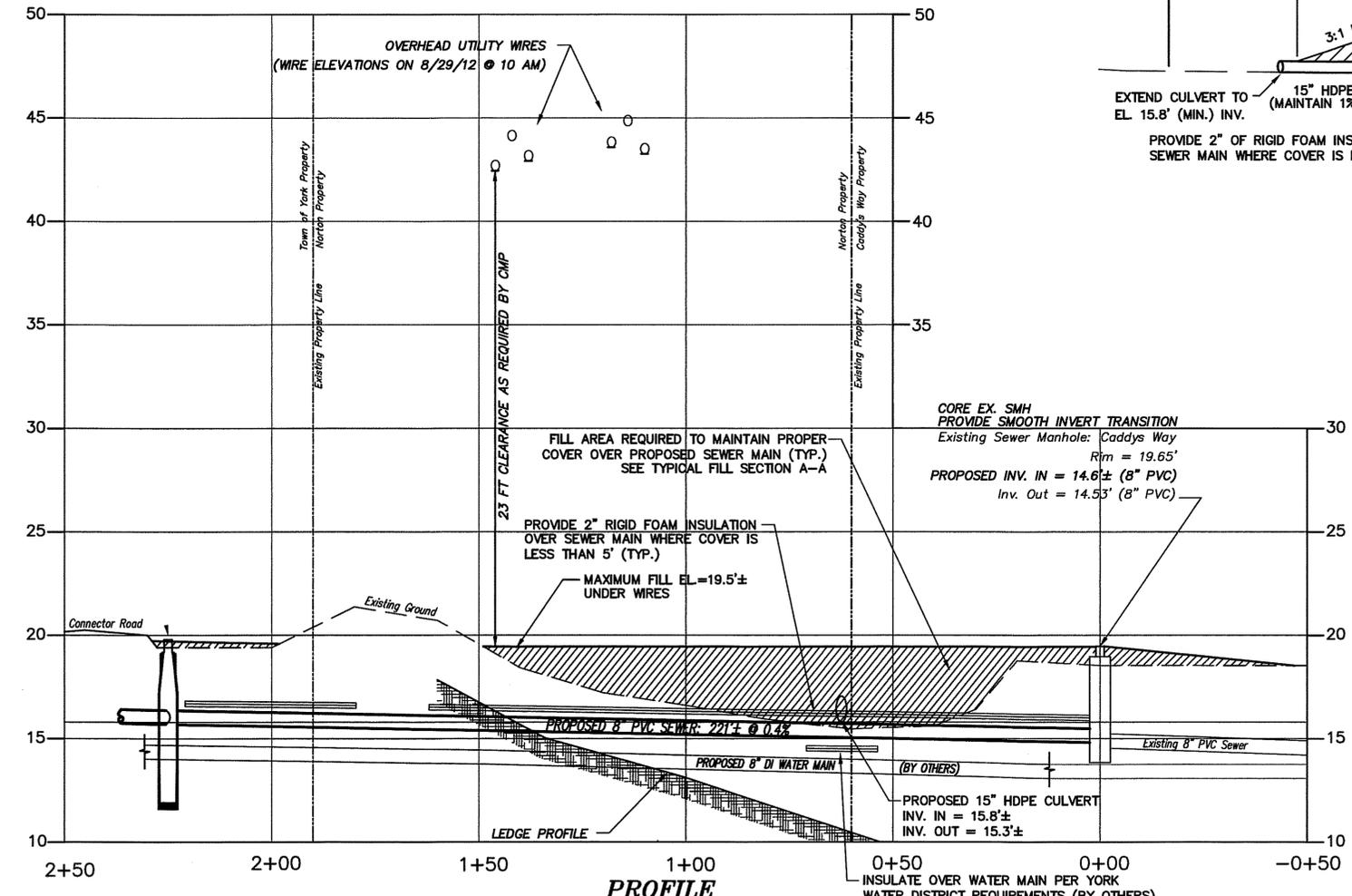
**YORK SEWER DISTRICT**  
21 BAYHAVEN ROAD  
P.O. BOX 1039  
YORK BEACH, ME 03910

**PROPOSED SEWER EXTENSION**  
CONNECTOR ROAD  
YORK, ME  
COVER SHEET

SCALE: NTS	JOB NO. 12-0259 PH.0070
DATE: OCT, 2013	DWG. 1 OF 5



**TYPICAL FILL SECTION A-A**  
NTS



**LEGEND**

- APPROXIMATE PARCEL LINES
- EDGE OF PAVEMENT
- W — EXISTING WATER LINE
- W — PROPOSED WATER LINE
- S — EXISTING SEWER LINE
- S — PROPOSED SEWER LINE
- UD — UNDERDRAIN
- E — UNDERGROUND ELECTRIC
- EDGE OF VEGETATION
- ⊙ — PROPOSED SEWER MANHOLE
- ⊙ — EXISTING SEWER MANHOLE
- — IRON PIPE - IRON ROD

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			JAD	

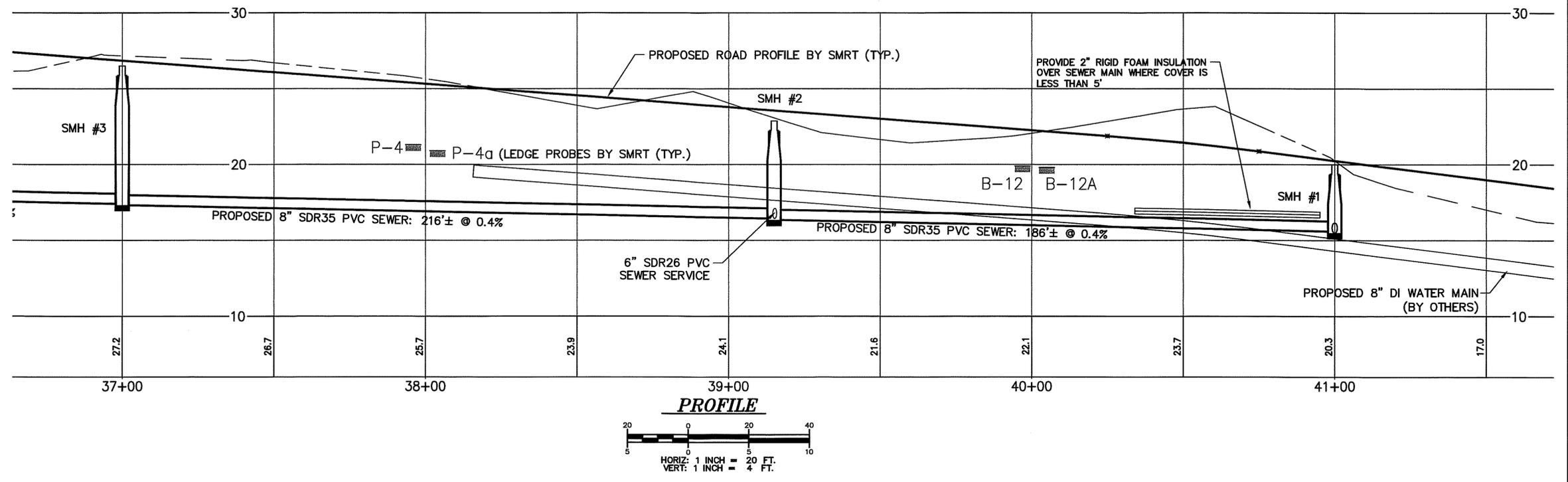
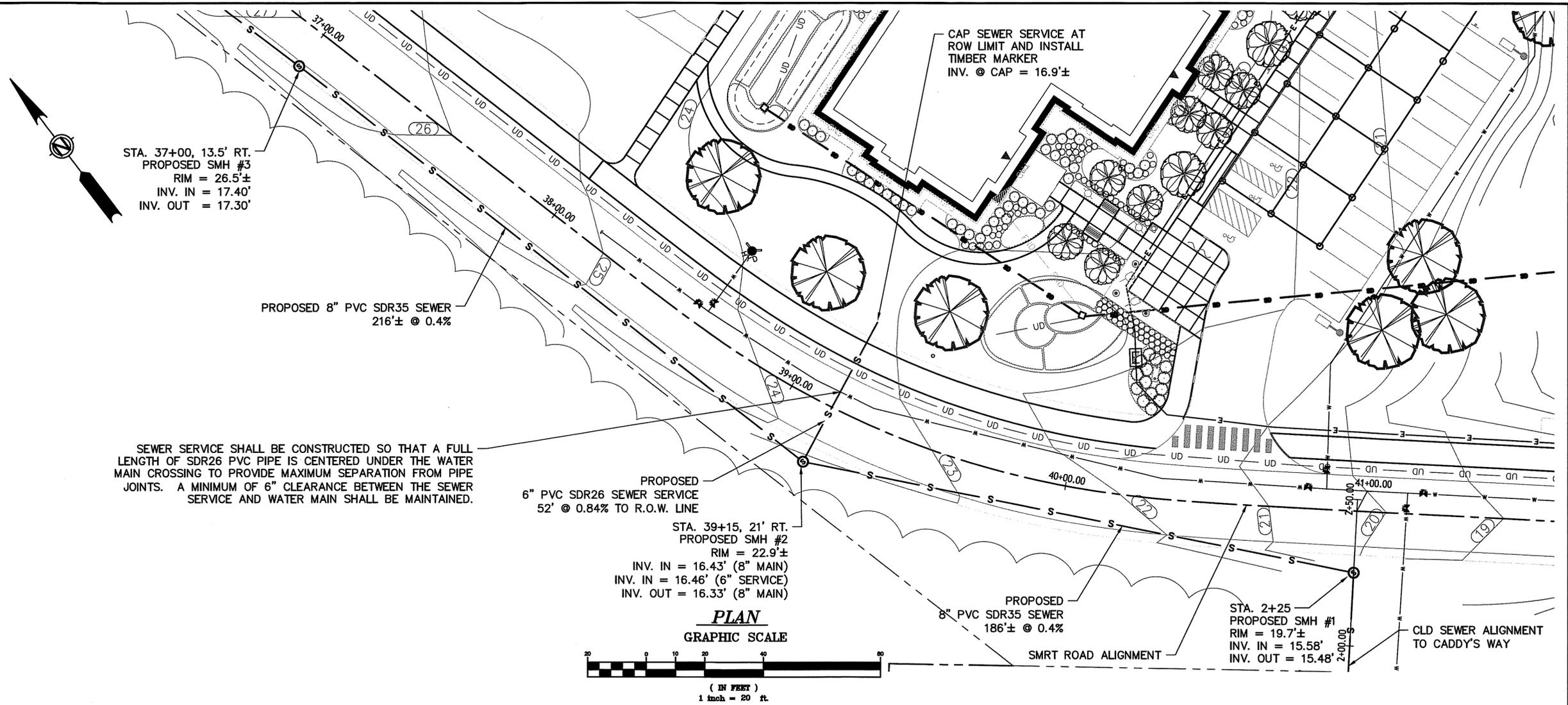
**CONSULTING ENGINEERS**  
Inc.  
316 U.S. Route 1, Suite D • York, ME 03909  
(207) 363-0689 • Fax: (207) 363-2384  
cd@cdengineers.com • www.cdengineers.com  
Maine • New Hampshire • Vermont

STATE OF MAINE  
REGISTERED PROFESSIONAL ENGINEER  
RYAN M. MCCARTHY  
No. 12895  
10-31-13

CLIENT:  
**YORK SEWER DISTRICT**  
21 BAYHAVEN ROAD  
P.O. BOX 1039  
YORK BEACH, ME 03910

**PROPOSED SEWER EXTENSION**  
CONNECTOR ROAD  
YORK, ME  
**PLAN AND PROFILE**

SCALE: AS NOTED	JOB NO. 12-0259 PH.0070
DATE: OCT, 2013	DWG. 5 5



NO.	DATE	REVISION	CHECKED:	APPROVED:
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DRAWN:	DAD	DESIGNED:	JAD	

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 Inc.  
 316 U.S. Route 1, Suite D • York, ME 03909  
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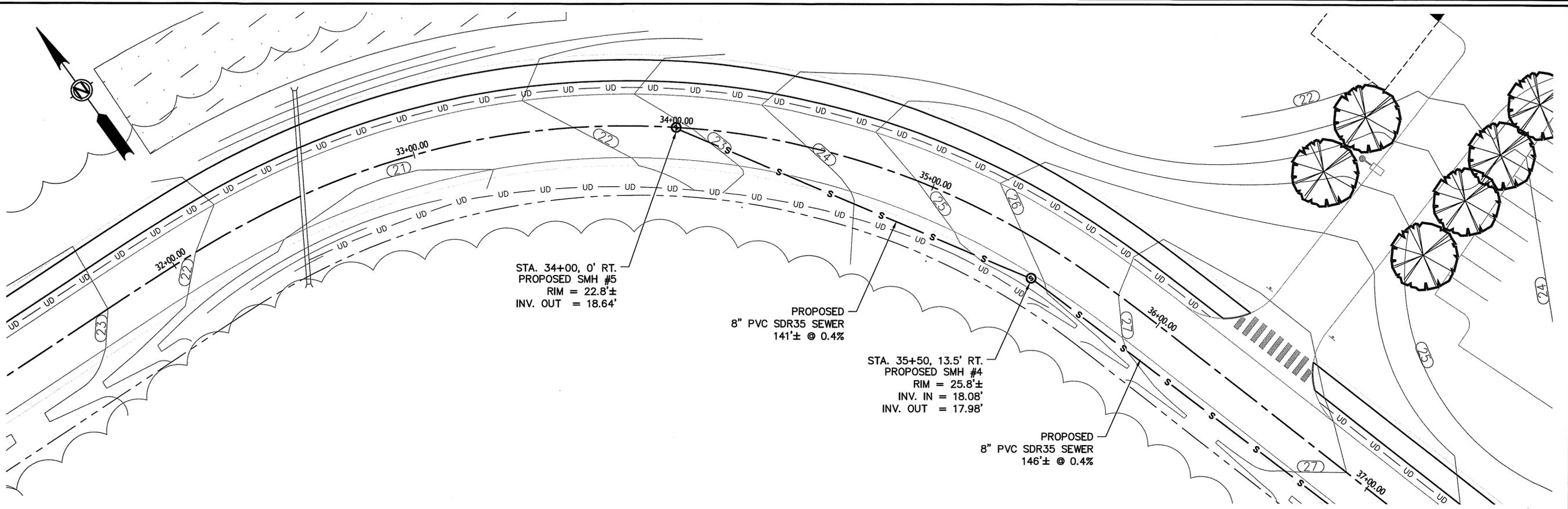
STATE OF MAINE  
 RYAN M. MCCARTHY  
 No. 12885  
 LICENSED PROFESSIONAL ENGINEER

CLIENT: **YORK SEWER DISTRICT**  
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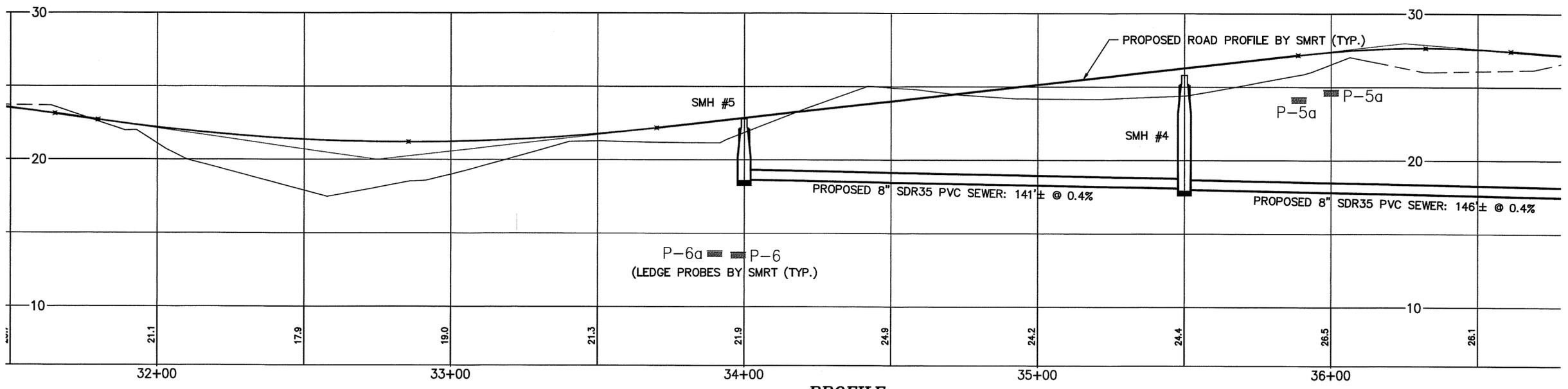
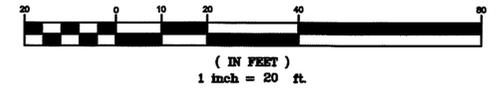
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 YORK, ME  
**PLAN AND PROFILE**

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OCT, 2013	3 OF 5

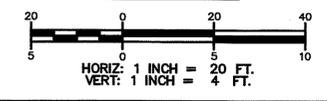
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**PLAN**  
GRAPHIC SCALE

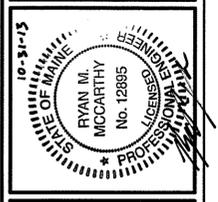


**PROFILE**



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			CHECKED: RMM
			DESIGNED: JAD

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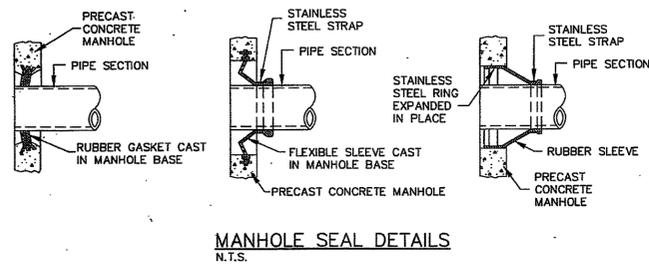
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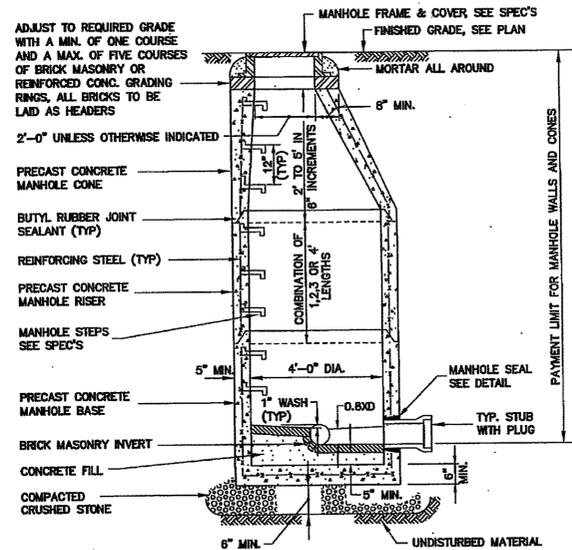
SCALE: NTS	JOB NO. 12-0259 PH.0070
DATE: OCT, 2013	DWG. <b>4</b> OF 5

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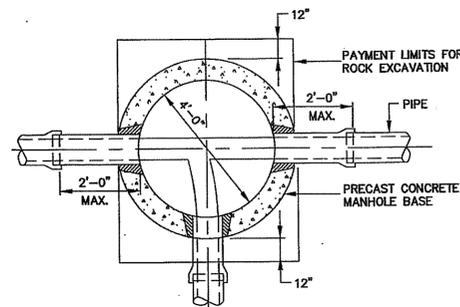
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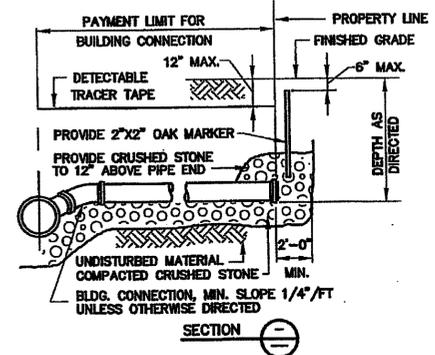
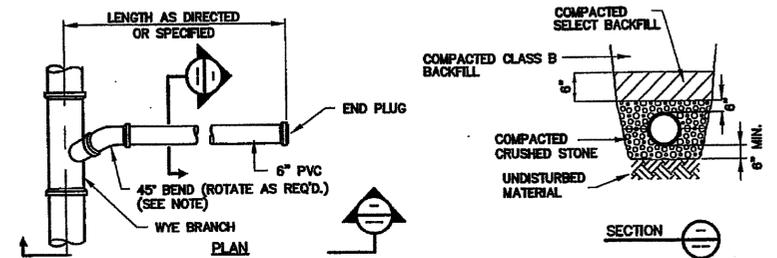
**MANHOLE SEAL DETAILS**  
N.T.S.



**4'-0" DIA. PRECAST CONCRETE MANHOLE DETAIL**  
N.T.S.

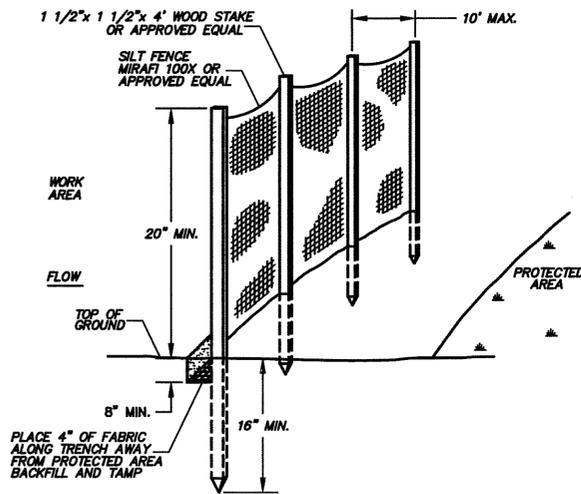


**4'-0" DIA. MANHOLE PLAN**  
N.T.S.

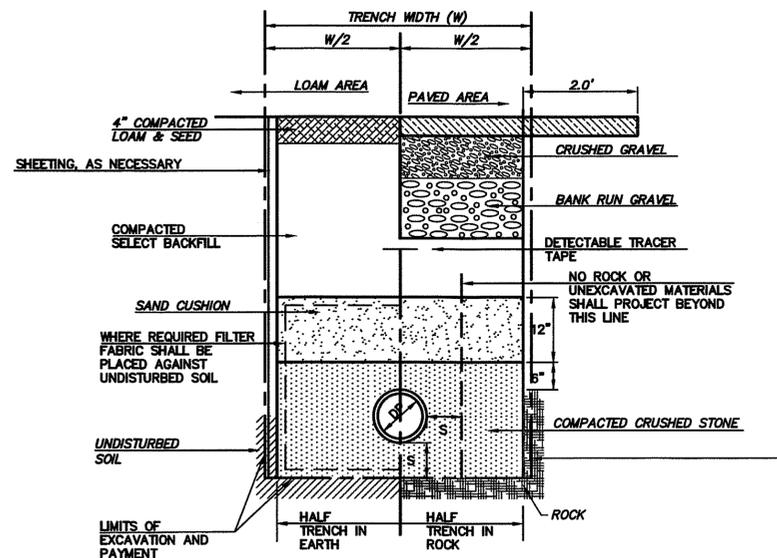


**TYPICAL BUILDING CONNECTION DETAIL**  
N.T.S.

NOTE:  
BE SURE THAT END OF BELL ON WYE BRANCH DOES NOT RUB ON UNDERSIDE OF 45° BEND.



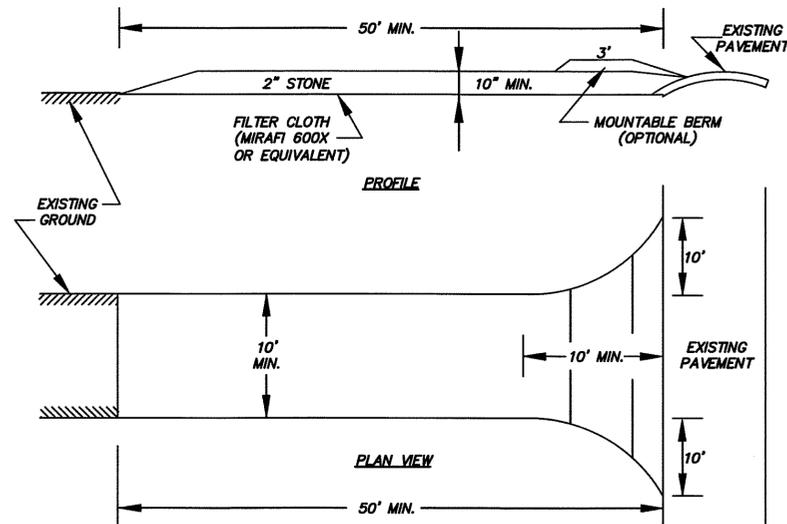
**Silt Fence Barrier**  
N.T.S.



DEPTH TO INVERT	DIAMETER OF PIPE (DP)	MAXIMUM TRENCH WIDTH BELOW LINE OF NARROW TRENCH LIMIT (SHEETED OR UNSHEETED) (W)	MINIMUM CLEARANCE (S)
0-12'	TO 18"	5'	6" EARTH 12" LEDGE

TABLE A

**Typical Sewer Trench Detail**  
N.T.S.



1. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
2. 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.
3. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
4. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
5. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

**USDA - SCS Stabilized Construction Entrance**  
N.T.S.

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