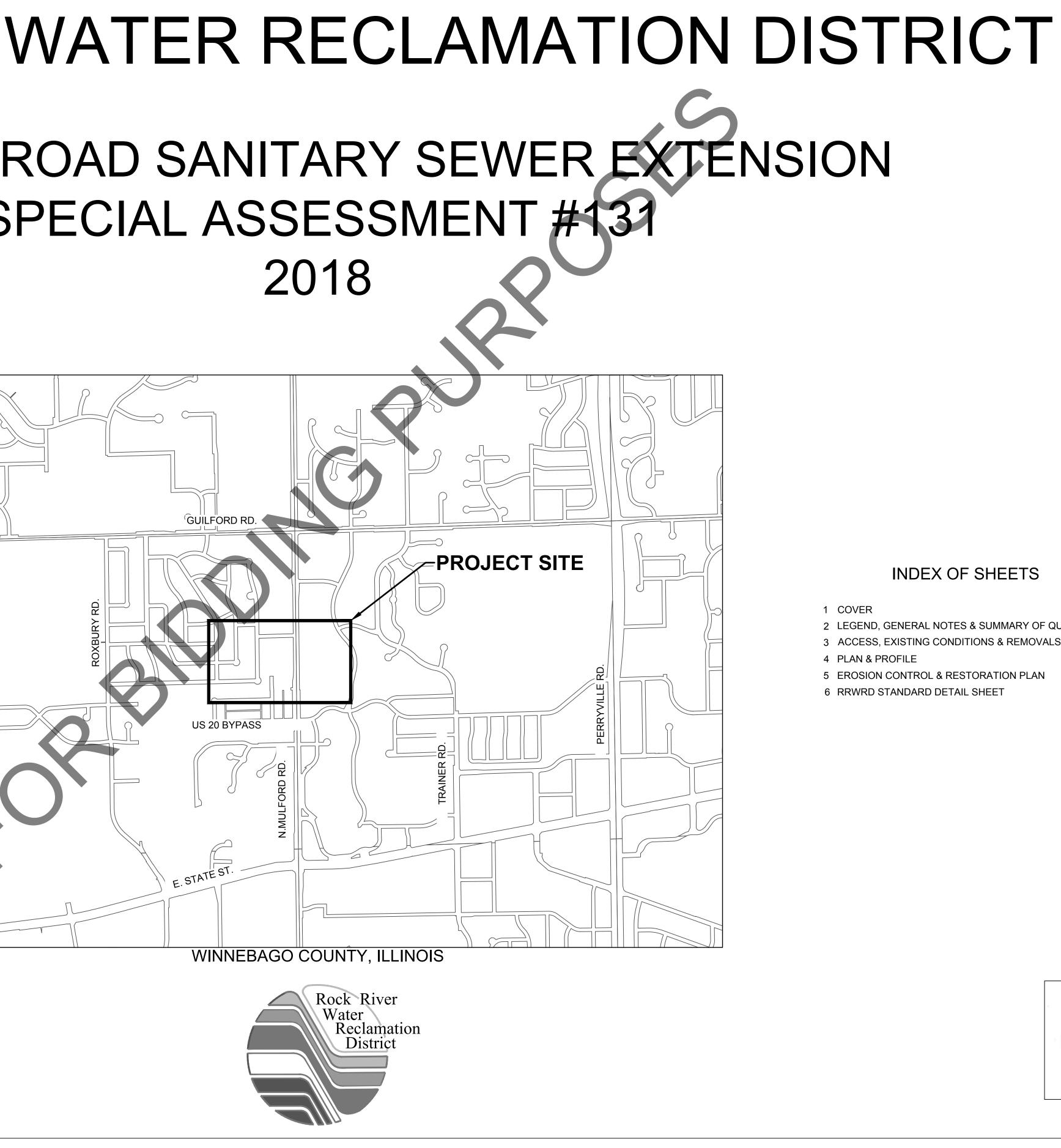
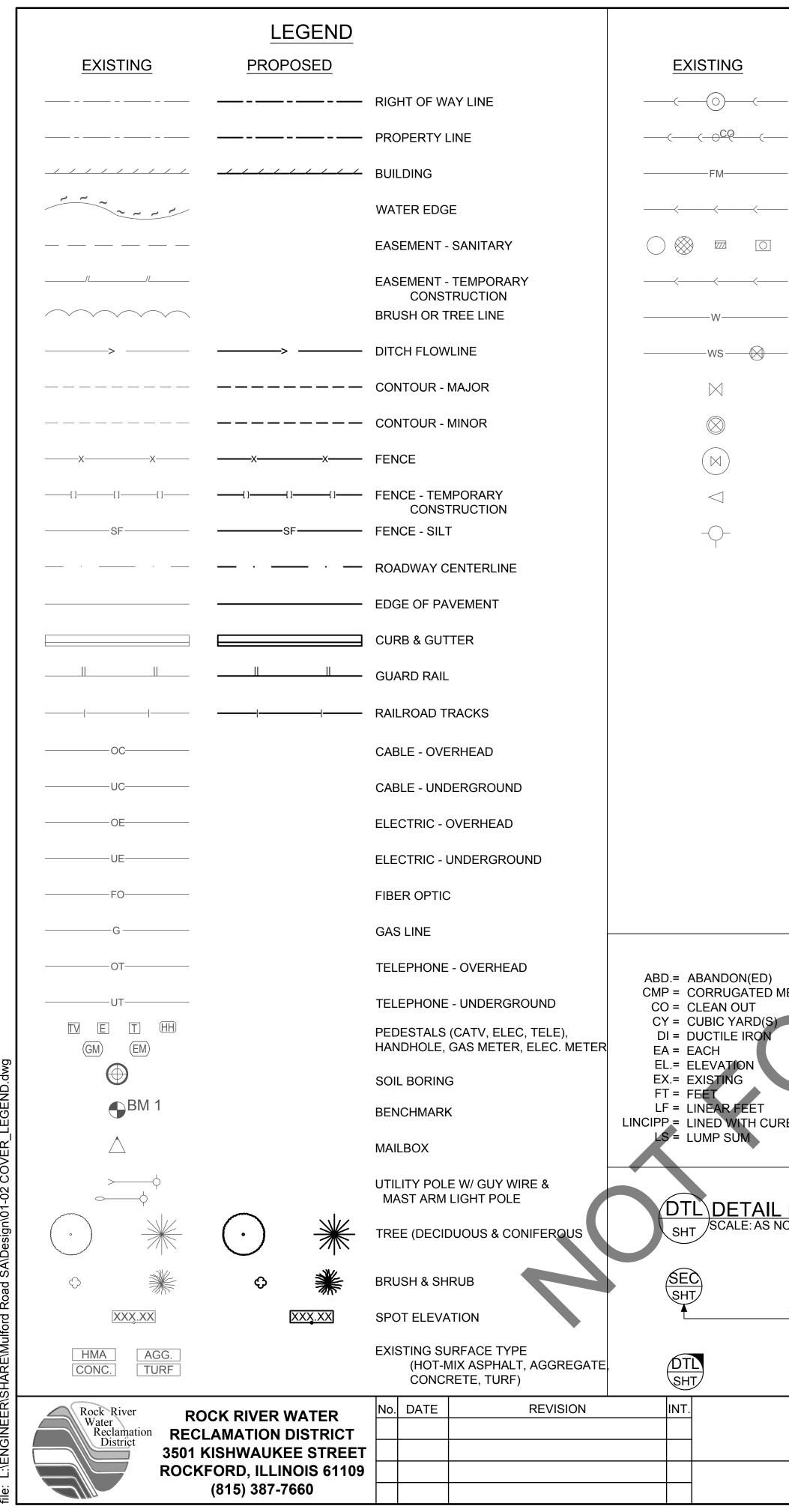
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INDEX OF SHEETS

- 1 COVER
- 2 LEGEND, GENERAL NOTES & SUMMARY OF QUANTITIES
- 3 ACCESS, EXISTING CONDITIONS & REMOVALS
- 4 PLAN & PROFILE
- 5 EROSION CONTROL & RESTORATION PLAN
- 6 RRWRD STANDARD DETAIL SHEET





LEGEND	GENERAL NOTES
PROPOSED	1. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXECUTION OF WORK TO THE LINES AND GRADES SHOWN ON THESE PLANS. CONSTRUCTION SHALL
— Generation Sanitary Manhole & Sanitary	NOT VARY FROM PLANS WITHOUT PRIOR DISTRICT APPROVAL.
SEWER — — — — — — — — — SANITARY SEWER SERVICE &	2. THE ROCK RIVER WATER RECLAMATION DISTRICT, MUNICIPALITIES, PERTINENT ROADWAY AUTHORITIES, AND ALL AFFECTED PROPERTY OWNERS SHALL BE NOTIFIED AT LEAST 48 HOURS MINIMUM PRIOR TO CONSTRUCTION.
CLEANOUT ————————————————————————————————————	3. ALL SERVICE LOCATIONS ARE APPROXIMATE AND MAY BE CHANGED IN
	THE FIELD WITH THE APPROVAL OF THE DISTRICT INSPECTOR. NO ADDITIONAL COMPENSATION WILL BE AWARDED FOR REVISED SERVICE LOCATIONS.
○ 🎯 📨 ा STORM MANHOLE, CATCH BASIN, CURB INLET, INLET SPECIAL	4. ALL CASTINGS SHALL BE SET TO FINAL GRADE PER ROCK RIVER WATER RECLAMATION DISTRICT REQUIREMENTS.
	5. SANITARY SEWER SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION IN THE STATE OF ILLINOIS, LATEST EDITION, AND THE REQUIREMENTS OF
WATER MAIN	THE ROCK RIVER WATER RECLAMATION DISTRICT.
	6. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY J.U.L.I.E. AT 8-1-1 OR 1-800-892-0123 AND ANY OTHER UTILITIES NOT ON THE J.U.L.I.E. SYSTEM 48 HOURS MINIMUM PRIOR TO THE START OF
WATER MAIN VALVE	CONSTRUCTION.
WATER MAIN VALVE WITH BOX	7. ALL ROADWAY CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH THE ROADWAY AUTHORITY'S REQUIREMENTS, DISTRICT SPECIFICATIONS, AND THE STANDARD SPECIFICATION FOR ROAD AND
WATER MAIN VALVE WITH VAULT	8. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE
WATER MAIN REDUCER FIRE HYDRANT	I.E.P.A. STANDARDS AND SPECIFICATIONS, AND THE ILLINOIS URBAN MANUAL FOR SOIL EROSION AND SEDIMENT CONTROL.
T	9. PROTECTION OF WATER SUPPLIES SHALL BE PER THE REQUIREMENTS OF TITLE 35, C, SECTION 370.350 OF THE ILLINOIS RECOMMENDED STANDARDS FOR SEWAGE WORKS.
DITCH CHECK INLET OR PIPE PROTECTION	SPECIAL CONSIDERATIONS
STABILIZED CONSTRUCTION ENTRANCE	1. CONSTRUCTION ACCESS TO THE SITE SHALL BE THROUGH THE 780 N. MULFORD ROAD DRIVEWAY ENTRANCE ONLY, UNLESS THE CONTRACTOR OBTAINS PERMISSION FROM OTHER PROPERTY OWNERS FOR ADDITIONAL MEANS OF ACCESS.
EROSION CONTROL BLANKET	2. NO CONSTRUCTION VEHICLES, TRAFFIC, OR EQUIPMENT SHALL UTILIZE THE SIDEYARDS BETWEEN 5971 / 5973 APAWAMIS WAY AND 5957 / 5959
SEEDING AREA	APAWAMIS WAY. EROSION CONTR
DRIVEWAY REPLACEMENT AGGREGATE REPLACEMENT EXTENSION RIP RAP ABBREVIATIONS	GENER THE ESTIMATED AREA OF DISTURBANCE FOR THIS PROJECT IS LESS THAN 1 ACRE. PREPARED FOR THIS PROJECT (SEE SHEET 5). THE CONTRACTOR SHALL COMPLY WITH A STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION, THE EROSION CONTROL DEVICES, MATERIALS AND PROCEDURES SHOWN IN THES REQUIRED BASED ON EXISTING SITE CONDITIONS, AT THE DIRECTION OF THE ENGINEER. CONTRACTOR'S ACTIONS OR NEGLIGENCE WILL BE AT NO ADDITIONAL COST TO THE DISTI ALL DISTURBED AREAS SHALL BE SEEDED UNLESS AGRICULTURAL OR OTHERWISE OR WORK AREAS DELINEATED ON PLANS. THE CONTRACTOR SHALL TAKE WHATEVER ACT ELIMINATE EXCESSIVE SILTATION OR EROSION AND TO STABILIZE THE PROJECT AREA. DIS AND CLEANUP REQUIREMENTS.
METAL PIPE METAL PIPE METAL PIPE METAL PIPE METAL PIPE METAL PIPE METAL PIPE METAL PIPE METAL PIPE METAL PIPE PVMNT = PAVEMENT PR.= PROPOSED RCP = REINFORCED CONCRETE PIPE REM.= REMOVE(D) REPL.= REPLACE(D) SAN.= SANITARY SY = SQUARE YARD(S) TY.= TYPE UNK.= UNKNOWN VCP = VITRIFIED CLAY PIPE	CONTR EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE BEFORE CONST THROUGHOUT CONSTRUCTION. CONSTRUCTION ACTIVITIES SHALL ENSURE THAT EXISTIN PROVIDED AS A MINIMUM FOR THE DURATION OF THIS PROJECT: SEDIMENT CONTROL SHALL BE PROVIDED DOWNSLOPE OF ALL STOCKPILE AREAS. STABILIZED CONSTRUCTION ENTRANCES MUST BE INSTALLED AS DETAILED AND WHI INLET PROTECTION MUST BE INSTALLED FOR ALL INLETS THAT COULD BE SUBJECT T ALL ROADWAYS SHALL BE KEPT CLEAN OF DEBRIS, MUD, SOIL, AND CONSTRUCTION IN ALL DISTURBED AREAS MUST BE STABILIZED WITHIN 7 DAYS IF THEY ARE TO REMAIN INSPECTIONS MUST BE COMPLETED BY A QUALIFIED PERSON EVERY 7 DAYS AND W
L DESC. = DETAIL OR SECTION #, SHEET DETAIL OR	EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REPAIRED AND MODIFIED AS NE SITE.
NOTED SECTION IS ORIGINATED FROM, DESCRIPTION, AND SCALE. = SECTION #, SHEET SECTION IS SHOWN ON.	CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND REPAIR OF ALL ERG MAINTAIN THE INTENDED FUNCTION. SEDIMENT COLLECTED FROM THE CONSTRUCTION SI DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, DITCHES, ETC. THAT COULD O STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THE CONTRACTOR SHALL REMOVE AN STABILIZATION APPROVAL BY THE DISTRICT. THE SITE SHALL HAVE A MIN. OF 70% VEGETA
E DETAIL #, SHEET DETAIL IS SHOWN ON, AND POINT OF VIEW.	OTHER NON STORM WATER DISCHARGES INCLUDING WASHING OF VEHICLES, CONCRETE W DIRECTED AWAY FROM UNPROTECTED, BARE, OR UNSTABILIZED SOIL AND APPROPRIATE THE SITE. DEWATERING DISCHARGE MUST BE INTO SILT CONTAINMENT BAGS WITH PROPE DEWATERING DISCHARGE BE ALLOWED TO FLOW DIRECTLY INTO WATERWAYS. A DEWATE DEWATERING DISCHARGE SHALL BE INSPECTED DAILY BY THE CONTRACTOR WITH EROSING
MULFORD ROAD SANITARY SEWER E SPECIAL ASSESSMENT #13	LEGEND, GENERA
JELUAL AJJEJJIVIEN I #13	

SUMMARY OF QUANTITIES

No.	ITEM	UNIT	QTY.
1	Sanitary Sewer, PVC SDR26, 8" Dia.	LF	386.0
2	Sanitary Sewer, Carrier Pipe, PVC SDR26, 8" Dia.	LF	140.0
3	Sanitary Manhole, 4' Dia.	EA	3.0
4	Sanitary Sewer Service, PVC SDR26, 6" Dia.	EA	5.0
5	Boring & Jacking Setup, Complete	LS	1.0
6	Steel Casing, 24" Dia., Bored and Jacked	LF	140.0
7	Septic System Abandonment/Public Sewer Connection	EA	4.0
8	Exploratory Excavation	EA	5.0
9	Driveway Removal	SY	520.0
10	Aggregate Base Course, TY. B, 10"	SY	520.0
11	HMA Binder Course, N50, IL-19.0	TON	67.0
12	HMA Surface Course, N50, IL-9.5, Mix "C"	TON	53.0
13	Clearing & Grubbing / Tree Removal	LS	1.0
14	Perimeter Erosion Barrier	LF	400.0
15	Erosion Control Blanket	SY	2,830.0
16	Chain Link Fence Removal	LF	50.0
17	Chain Link Fence, 4'	LF	50.0
18	Temporary Construction Fence	LF	200.0
19	Temporary Seeding and Stabilization, Complete with Mulch	SY	2,830.0
20	Turf Restoration	LS	1.0
21	Traffic Control and Protection, Complete	LS	1.0
22	Removal and Disposal of Unsuitable Material	CY	10.0

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USE(S)	SURFACE COURSE	BINDER COURSE
PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0 @ N50	4.0 @ N50
MIXTURE COMPOSITION (GRADATION MIXTURE)	IL 9.5	IL 19.0
FRICTION AGGREGATE	MIX "C"	N/A
MIX UNIT WEIGHT	112 lbs/sy/in	112 lbs/sy/in
THESE MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT		

TROL GENERAL NOTES

SENERAL NOTES

CRE. A NOTICE OF INTENT (N.O.I) WILL NOT BE FILED. AN EROSION CONTROL PLAN HAS BEEN /ITH ALL APPLICABLE REQUIREMENTS OF THE ILLINOIS URBAN MANUAL, CURRENT EDITION, I.D.O.T. TION, AND THE PROJECT SPECIFICATIONS AND DETAILS.

THESE PLANS ARE TO BE CONSIDERED A MINIMUM. ADDITIONAL DEVICES OR MATERIALS MAY BE NEER. ANY DEVICES, MATERIALS, OR PROCEDURES REQUIRED BY THE ENGINEER DUE TO THE DISTRICT.

RWISE NOTED ON THE PLANS. THE CONTRACTOR IS RESTRICTED TO WORK IN TEMPORARY EASEMENTS R ACTIONS AND MEASURES ARE DEEMED NECESSARY BY THE DISTRICT OR AUTHORIZED AGENCY TO EA. DISCHARGE OF HAZARDOUS SUBSTANCES INTO STORM WATER IS SUBJECT TO I.E.P.A. REPORTING

CONTROL MEASURES

CONSTRUCTION IN EACH AREA, AS DETERMINED BY THE ENGINEER, AND SHALL BE MAINTAINED (ISTING VEGETATION IS PRESERVED WHERE PRACTICAL. THE FOLLOWING CONTROLS WILL BE

EAS.

WHERE REQUIRED BY THE ROADWAY AUTHORITY OR DISTRICT.

ECT TO SILTATION, AS DETERMINED BY THE ENGINEER.

TION MATERIALS AND SHALL BE INSPECTED AT THE END OF EACH DAY AND CLEANED AS NECESSARY. EMAIN DISTURBED FOR MORE THAN 14 DAYS.

INSPECTIONS

AND WITHIN 24 HOURS OF EACH RAIN EVENT WITH OVER 0.5" OF RAIN OR SNOWFALL EQUIVALENT. AS NEEDED TO BE EFFECTIVE AND TO PREVENT EROSION AND POLLUTANTS FROM DISCHARGING FROM

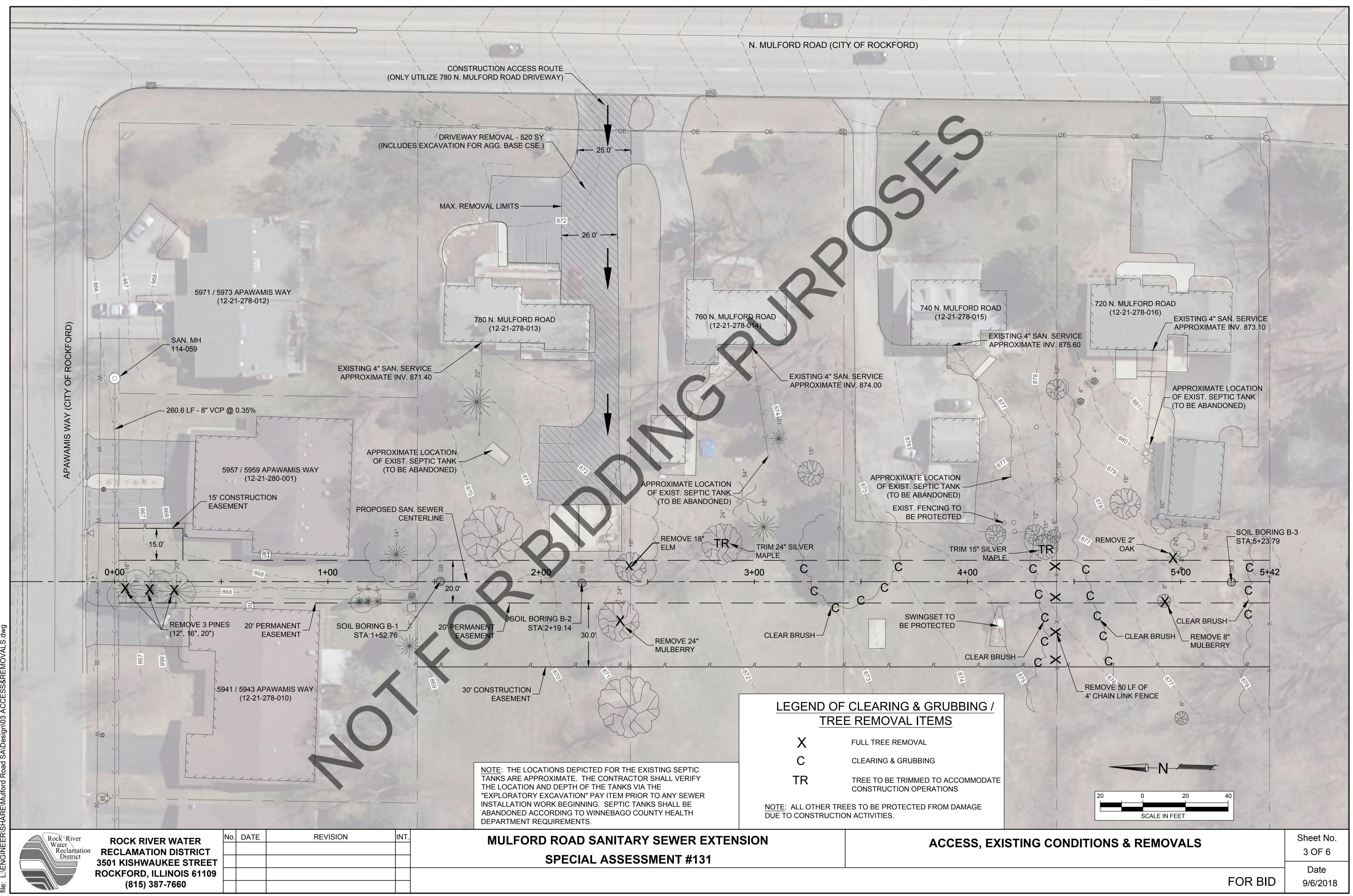
MAINTENANCE

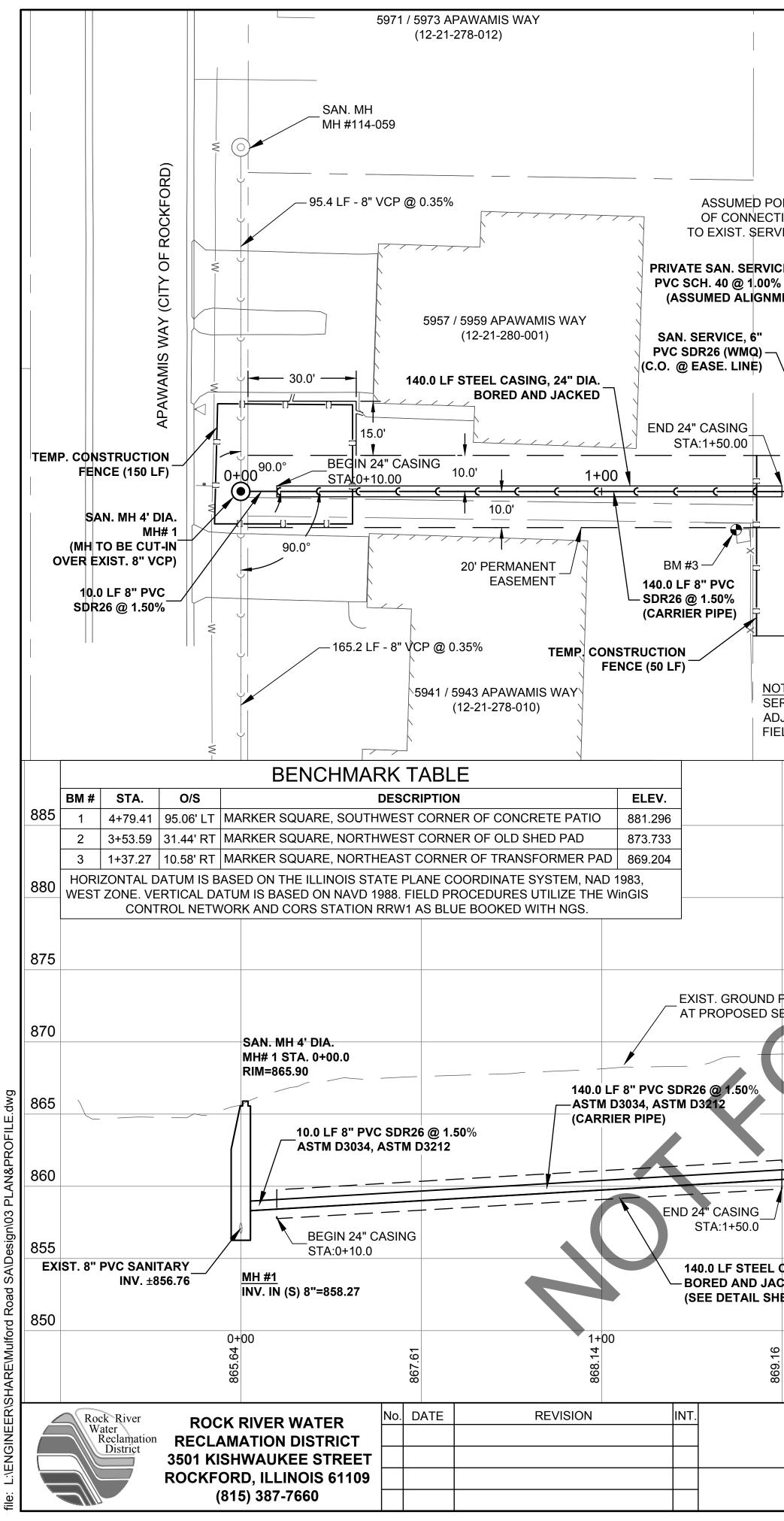
_ EROSION AND SEDIMENT CONTROL DEVICES AND PROTECTIVE MEASURES AS REQUIRED TO ION SITE SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS AS NEEDED. ANY DEBRIS OR SILT JLD OBSTRUCT FLOW SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. ALL DRAINAGE VE AND DISPOSE OF ALL TEMPORARY EROSION CONTROL DEVICES WITHIN 30 DAYS OF FINAL SITE EGETATIVE COVER TO BE CONSIDERED STABILIZED.

OTHER DISCHARGES

RETE WASH-OUT, WATER FOR DUST CONTROL, AND TRENCH DEWATERING DISCHARGES SHALL BE RIATE MEASURES SHALL BE IMPLEMENTED TO PREVENT EROSION OR DEGRADATION OF RUNOFF FROM PROPERLY ENGINEERED ANIONIC POLYMER AND FABRIC PORE SIZE. UNDER NO CIRCUMSTANCE SHALL WATERING DISCHARGE PLAN SHALL BE SUBMITTED TO THE DISTRICT FOR APPROVAL. THE

ROSION CONTROL STANDARDS.	
RAL NOTES & SUMMARY OF QUANTITIES	Sheet No. 2 OF 6
FOR BID	Date 9/6/2018





780 N. MULFORD ROAD (12-21-278-013)	760 N. MULFORD ROAD (12-21-278-014)	740 N. MULFO (12-21-278
		ASSUMED POINT OF CONNECTION TO EXIST. SERVICE
	ASSUMED POINT OF CONNECTION	
SE, 6" MIN IENT)	TO EXIST. SERVICE	PRIVATE SAN. SERVICE, 6" PVC SCH, 40 @ 1.00% MIN.
	PRIVATE SAN. SERVICE, 6" PVC SCH. 40 @ 1.00% MIN. (ASSUMED ALIGNMENT)	(ASSUMED ALIGNMENT) SAN. SERVICE, 6" PVC SDR26 (WMQ) (C.O. @ EASE. LINE)
80.0 LF 8" PVC SDR26 @ 1.50%	SAN. SERVICE, 6" PVC SDR26 (WMQ) (C.O. @ EASE. LINE)	296.0 LF 8" PVC SDR26 @ 2.40%
$\begin{array}{c c} & & & & & & & & \\ \hline & & & & & & & \\ \hline & & & &$		
 SAN. MH 4' DIA MH# 2		
	30.0' EASEMENT	BM #2
TE: ASSUMED ALIGNMENTS FOR THE 6" PRIVATE SA		
RVICE CONNECTIONS ARE SHOWN; ALIGNMENT TO I JUSTED AS REQUIRED OR DIRECTED DEPENDING O LD CONDITIONS AND EXPLORATORY EXCAVATION.		
MF	N. MH 4' DIA. H# 2 STA. 2+30.0 M=871.35	
	<u>+ #2</u> V. OUT (N) 8"=861.65	296.0 LF 3 ASTM D3
INV 80.0 LF 8" PVC SDR26 @ 1.50% ASTM D3034, ASTM D3212	V. IN (S) 8"=861.75	
CASING, 24" DIA. CKED EET 6)		
2+00 29.698	871.41 872.53 90 +0	873.55 874.87 874.87
MULFORD ROAD SANITAR SPECIAL ASSES		

