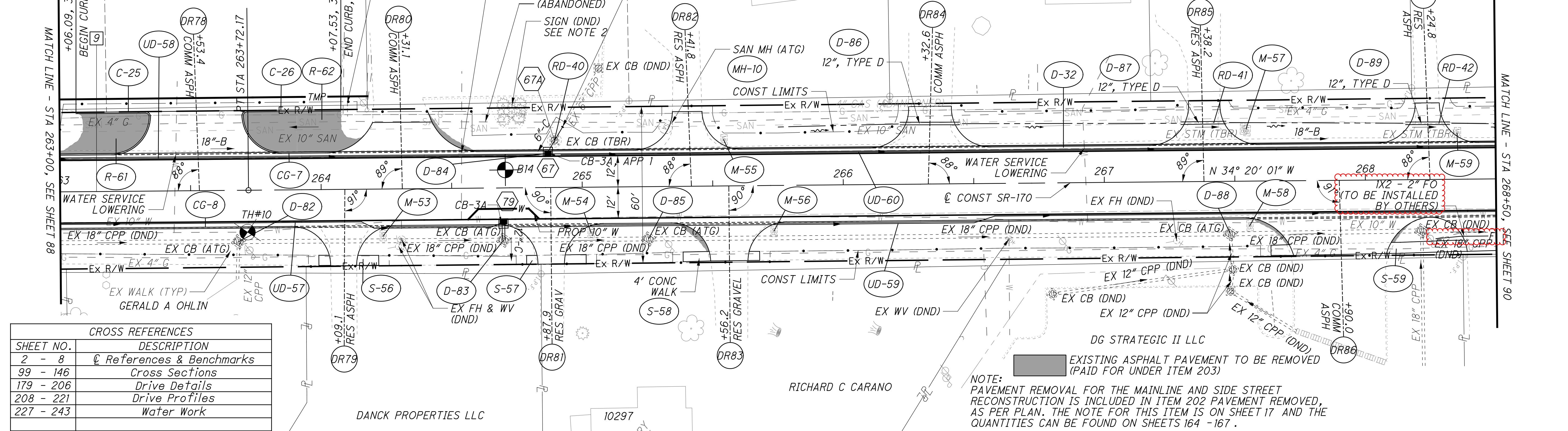


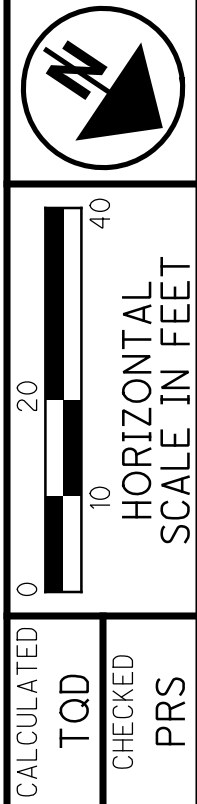
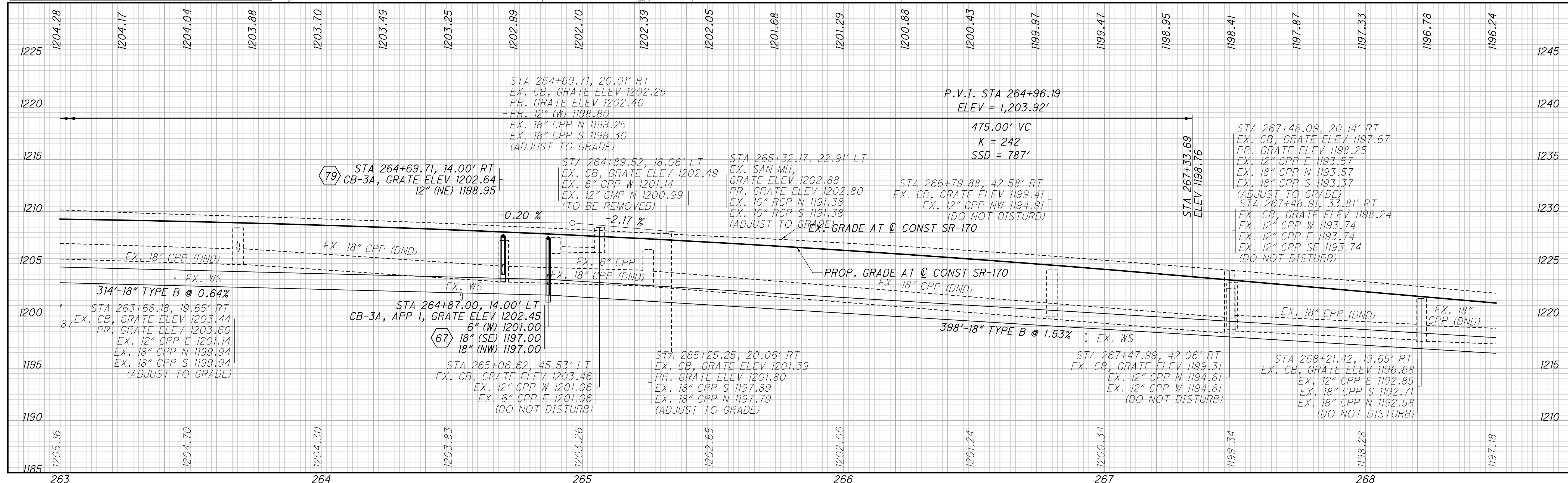
TEST HOLE				
NO.	SIZE/TYPE	EX TOP ELEV	STATION	OFFSET
10	10" WATER	1198.52	263+71.66	16.05' RT

10344
 TRAKS ENTERPRISES LLC
 9 P.I. STA. 263+22.53
 $\Delta = 0^{\circ} 06' 49''$ (LT)
 $Dc = 0^{\circ} 06' 49''$
 $R = 50,000.00'$
 $T = 49.63'$
 $L = 99.27'$
 $E = 0.02'$
 $C = 99.27'$

NOTES:
 1. ϕ OF R/W NOT SHOWN FOR CLARITY.
 2. SIGN IS IDENTIFIED AS A PARTIAL ENCROACHMENT IN R/W.
 3. MASONRY COLLARS PER DM-1.1
 4. FOR UNDERDRAIN ELEVATIONS IN THE STRUCTURES SEE THE CROSS SECTION SHEETS.



CROSS REFERENCES	
SHEET NO.	DESCRIPTION
2 - 8	ϕ References & Benchmarks
99 - 146	Cross Sections
179 - 206	Drive Details
208 - 221	Drive Profiles
227 - 243	Water Work



PLAN AND PROFILE - SR-170
 STA 263+00 TO 268+50

MAH-170-4.35
 89
 313

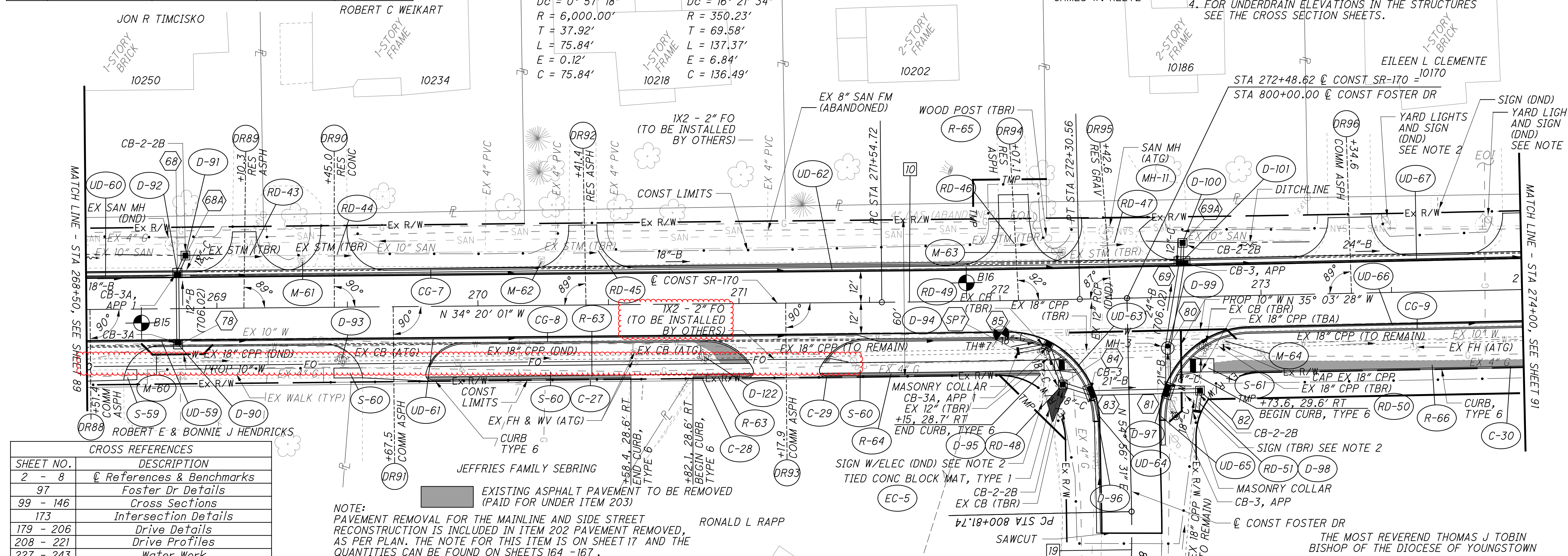
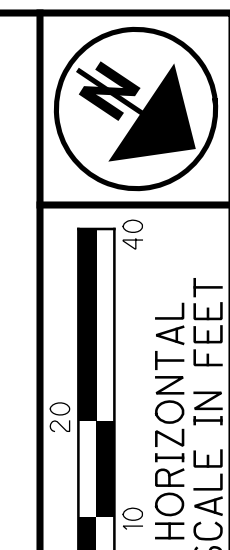
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TEST HOLE				
NO.	SIZE/TYPE	EX TOP ELEV	STATION	OFFSET
7	10" WATER	1185.07	272+00.24	12.62' RT

DOMINIC A & THERESA M DEGIDIO
 P.I. STA. 271+92.64
 $\Delta = 0^\circ 43' 27''$ (LT)
 $D_c = 0^\circ 57' 18''$
 $R = 6,000.00'$
 $T = 37.92'$
 $L = 75.84'$
 $E = 0.12'$
 $C = 75.84'$

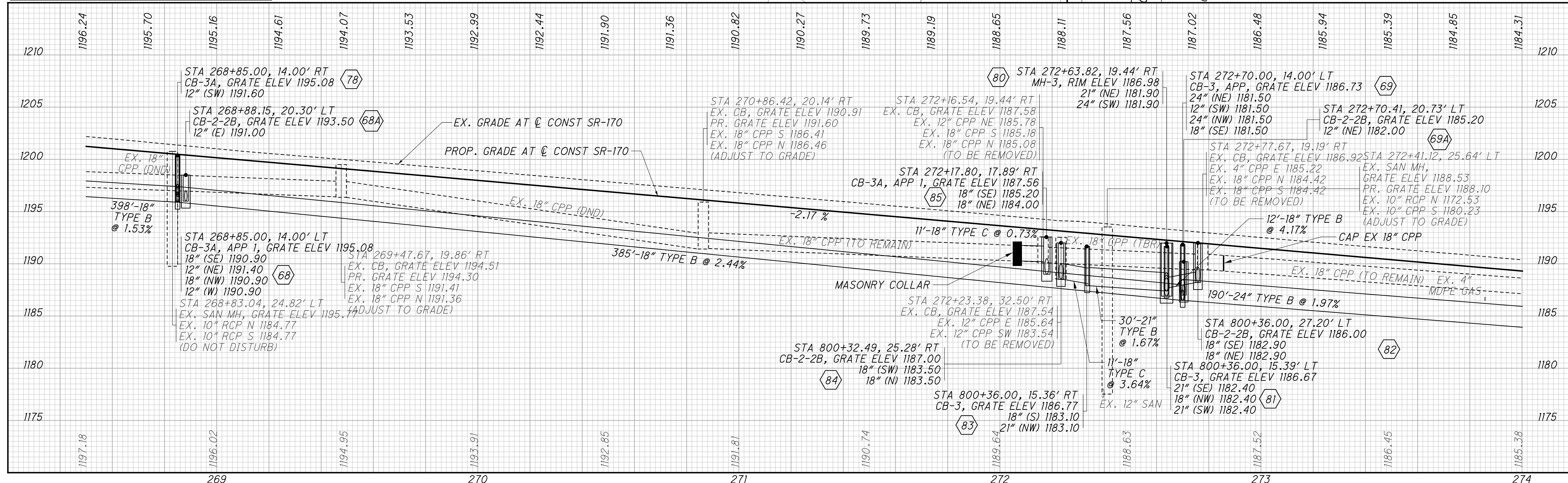
19 P.I. STA. 801+51.32
 $\Delta = 22^\circ 28' 21''$ (RT)
 $D_c = 16^\circ 21' 34''$
 $R = 350.23'$
 $T = 69.58'$
 $L = 137.37'$
 $E = 6.84'$
 $C = 136.49'$

NOTES:
 1. ϕ OF R/W NOT SHOWN FOR CLARITY.
 2. SIGN IS IDENTIFIED AS A PARTIAL ENCROACHMENT IN R/W.
 3. MASONRY COLLARS PER DM-1.1
 4. FOR UNDERDRAIN ELEVATIONS IN THE STRUCTURES SEE THE CROSS SECTION SHEETS.



CROSS REFERENCES	
SHEET NO.	DESCRIPTION
2 - 8	ϕ References & Benchmarks
97	Foster Dr Details
99 - 146	Cross Sections
173	Intersection Details
179 - 206	Drive Details
208 - 221	Drive Profiles
227 - 243	Water Work

NOTE:
 PAVEMENT REMOVAL FOR THE MAINLINE AND SIDE STREET RECONSTRUCTION IS INCLUDED IN ITEM 202 PAVEMENT REMOVED, AS PER PLAN. THE NOTE FOR THIS ITEM IS ON SHEET 17 AND THE QUANTITIES CAN BE FOUND ON SHEETS 164 -167.



PLAN AND PROFILE - SR-170
 STA 268+50 TO 274+00

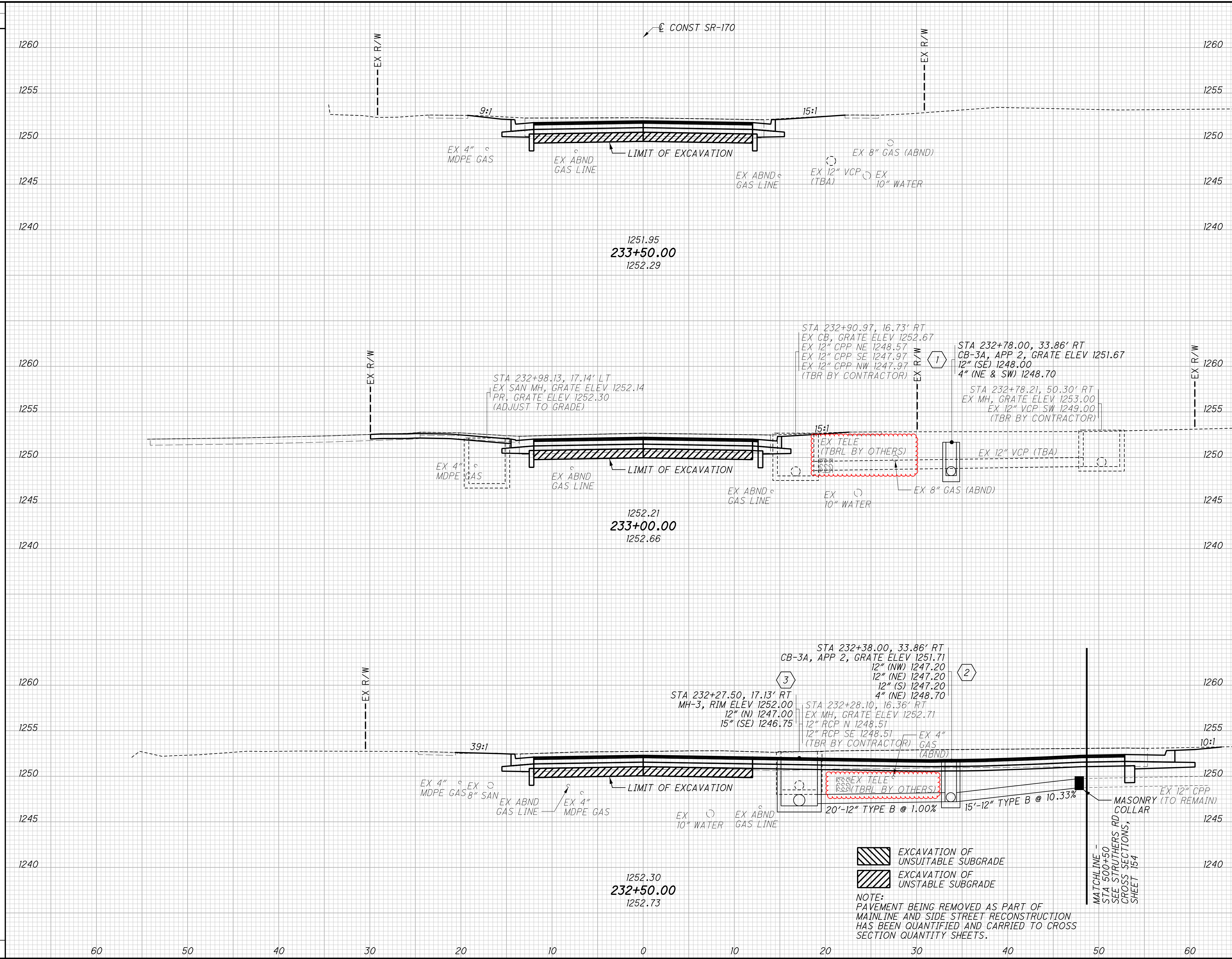
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SEEDING

END WIDTH	SO. YDS.
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50	
60	



END AREA	VOLUME	CALCULATED	TOD	CHECKED	PRS

FOR EXCAVATION QUANTITY SEE SHEETS 164 - 166

FOR EARTHWORK QUANTITY ASSOCIATED WITH DRIVEWAY SEE SHEETS 176 - 178

CROSS SECTIONS SR-170
STA. 232+50.00 TO STA. 233+50.00

MAH-170-4.35

114
313

SEEDING
END SO.
WIDTH YDS.

END AREA
CUT FILL
VOLUME
CUT FILL
CALCULATED
TOD
CHECKED
PRS

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FOR SEEDING QUANTITY
SEE SHEETS 164-166

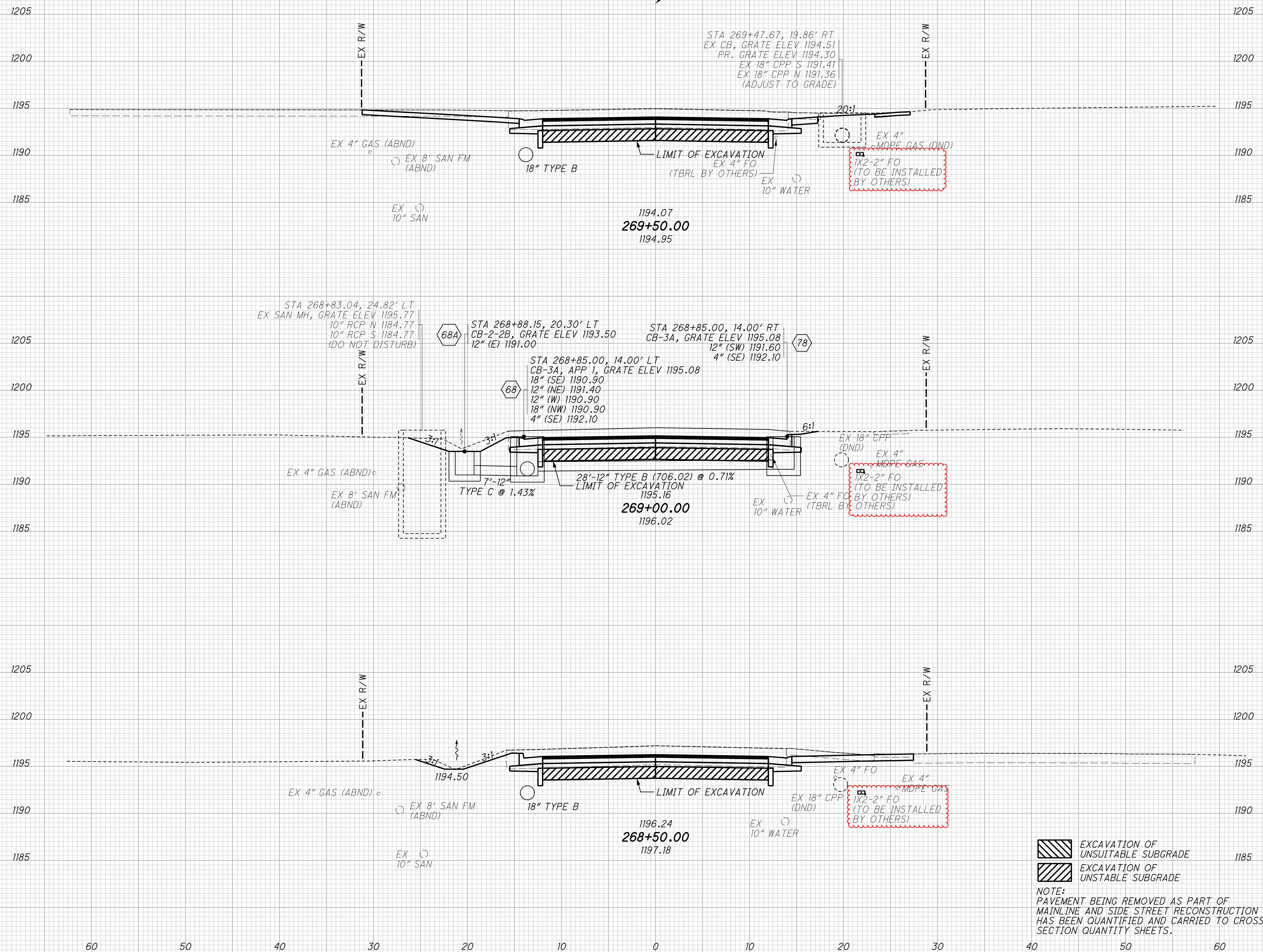
FOR EXCAVATION QUANTITY
SEE SHEETS 164-166

FOR EARTHWORK QUANTITY ASSOCIATED WITH DRIVEWAY
SEE SHEETS 176-178

CROSS SECTIONS SR-170
STA. 268+50.00 TO STA. 269+50.00

MAH-170-4.35

138
313

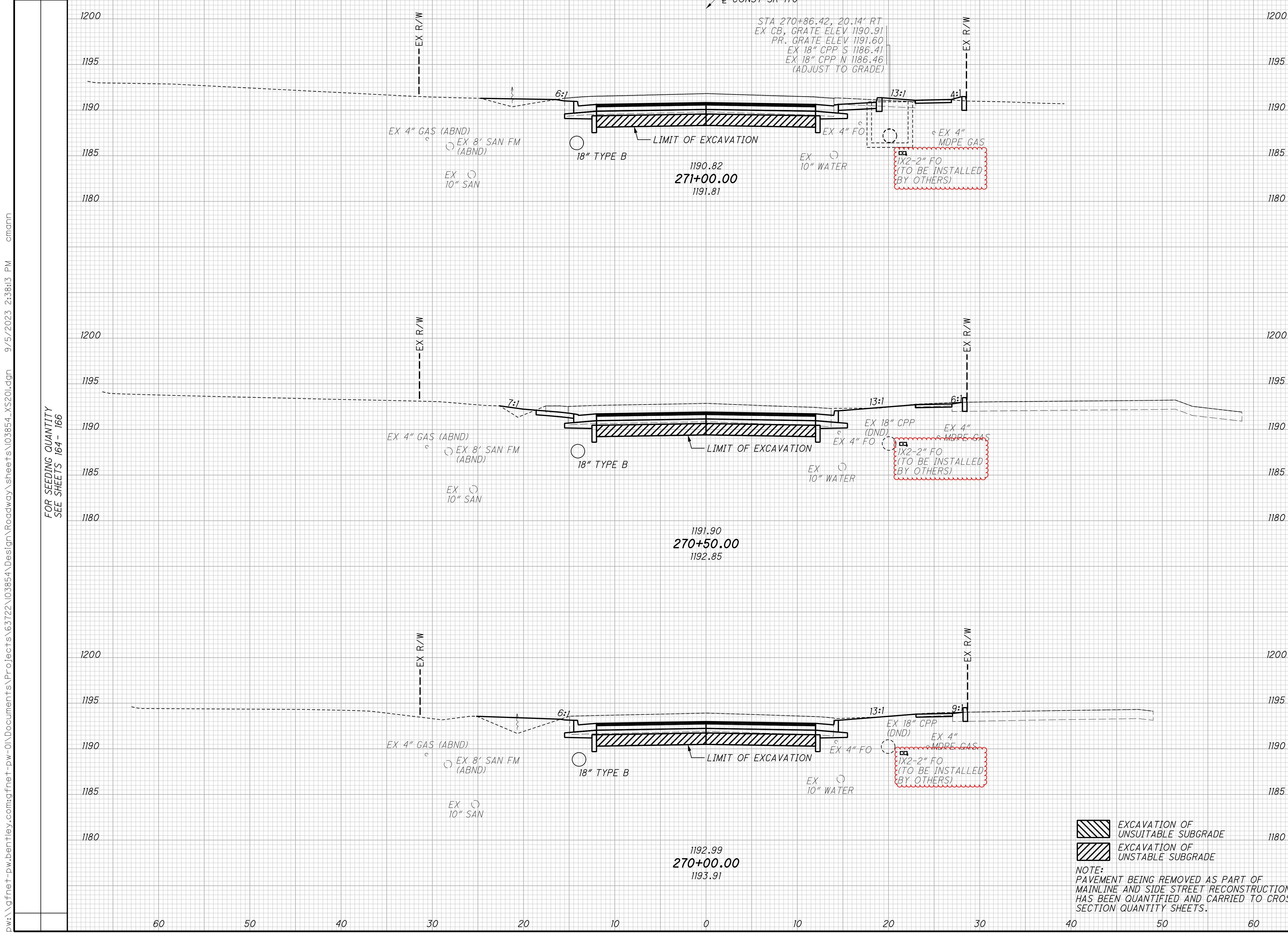


- EXCAVATION OF UNSUITABLE SUBGRADE
- EXCAVATION OF UNSTABLE SUBGRADE

NOTE:
PAVEMENT BEING REMOVED AS PART OF MAINLINE AND SIDE STREET RECONSTRUCTION HAS BEEN QUANTIFIED AND CARRIED TO CROSS SECTION QUANTITY SHEETS.

SEEDING
END WIDTH SO. YDS.

END AREA VOLUME
CUT FILL CUT FILL
CALCULATED
TOD
CHECKED
PRS



FOR SEEDING QUANTITY
SEE SHEETS 164-166

FOR EXCAVATION QUANTITY
SEE SHEETS 164-166

FOR EARTHWORK QUANTITY ASSOCIATED WITH DRIVEWAY
SEE SHEETS 176-178

EXCAVATION OF UNSUITABLE SUBGRADE
EXCAVATION OF UNSTABLE SUBGRADE

NOTE:
PAVEMENT BEING REMOVED AS PART OF MAINLINE AND SIDE STREET RECONSTRUCTION HAS BEEN QUANTIFIED AND CARRIED TO CROSS SECTION QUANTITY SHEETS.

CROSS SECTIONS SR-170
STA. 270+00.00 TO STA. 271+00.00

MAH-170-4.35

139
313

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GENERAL WATERLINE INSTALLATION NOTES

1. CONTRACTOR TO PROVIDE LINE AND GRADE STAKES AT 100' INTERVALS FOR WATER MAIN AND FOR EACH FITTING AND APPURTENANCE. A COPY OF CUT SHEET SHALL BE PROVIDED TO FIELD INSPECTOR PRIOR TO INSTALLATION.
2. WATER WORK SHALL NOT BEGIN UNTIL AREAS OF WATERLINE CONSTRUCTION ARE ROUGH GRADED (WITHIN 1 FT. OF FINISHED GRADE AND FILL AREAS ARE COMPLETED AND COMPACTED.)
3. NO WATER SERVICE CONNECTIONS TO ANY BUILDINGS SHALL BE PERMITTED PRIOR TO FINAL ACCEPTANCE BY AQUA OHIO, INC. WHICH SHALL INCLUDE APPROVED RECTIFICATION OF ALL PUNCH LIST ITEMS. ONCE PUNCH LIST ITEMS ARE COMPLETED, THE BUILDER SHALL BE RESPONSIBLE FOR GRADE ADJUSTMENTS TO WATER FACILITIES AT TIME OF BUILDING CONSTRUCTION AND DURING FINAL SITE GRADING.
4. A MINIMUM OF 5 FEET HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN UTILITY CONDUIT CROSSOVERS AND WATERLINE APPURTENANCES, I.E. HYDRANTS, VALVES, TEES, ETC.
5. WATER LINE MATERIALS AND INSTALLATION PROCEDURES SHALL MEET OR EXCEED ALL APPLICABLE A.W.W.A. STANDARDS INCLUDING BUT NOT LIMITED TO THE MOST RECENT VERSIONS OF C600 AND C651.
6. WATERLINE MATERIAL AND INSTALLATION PROCEDURES SHALL BE IN ACCORDANCE WITH AQUA OHIO SPECIFICATIONS. CLASS 52 D.I.P. POLYWRAPPED, FITTINGS CLASS 53 CEMENT LINED POLYWRAPPED AND 1" K COPPER TUBING WITH COMPRESSION FITTINGS FOR DOMESTIC SERVICES OR 2" HDPE SDR 9 POLYETHYLENE 3408 PIPE AROUND CUL-DE-SAC. IF POLYETHYLENE IS USED, A 12 GAUGE WIRE AND METALLIC CAUTION TAPE MUST BE USED.
7. ALL PIPE AND APPURTENANCES INSTALLED ON A DEPRESSURIZED WATER MAIN ARE TO BE WIPED CLEAN AND ALL INTERIOR SURFACES SATURATED WITH A MINIMUM 1% CHLORINE SOLUTION.
8. ALL MECHANICAL JOINTS ARE TO BE RESTRAINED USING MEGALUG OR "FORD" EQUIVALENT. FIRE LINE RISERS TO INCLUDE (2) 5/8" ALL THREAD RODS EXTENDING FROM LOWER BEND TO RISER FLANGE. ALL FASTENERS TO BE STAINLESS STEEL.
9. A RESTRAINT GASKET (FIELD-LOK OR APPROVED EQUAL) SHALL BE UTILIZED ON PUSH-ON JOINTS AS REQUIRED BY AQUA OHIO STANDARDS.
10. ALL DUCTILE IRON PIPE AND FITTINGS TO BE POLYWRAPPED AND TAPED AS PER DUCTILE IRON PIPE RESEARCH ASSOCIATION RECOMMENDATIONS.
11. DUCTILE IRON IN CASING SHALL BE CLASS 52, POLYWRAPPED AND ALL PUSH-ON JOINTS SHALL BE EQUIPPED WITH RESTRAINT GASKETS (FIELD-LOK OR APPROVED EQUAL) AND STAINLESS STEEL CASING SPACERS ARE REQUIRED.
12. ALL THRUST BLOCKING WILL BE SOLID CONCRETE BLOCKS WITH OAK WEDGES OR POURED CONCRETE, PER AQUA STANDARDS DRAWING.
13. ALL VALVES ARE OPEN LEFT AND ALL MAIN LINE VALVES ARE TO BE PLACED ON A MINIMUM OF ONE 4" SOLID CONCRETE BLOCK. ALL VALVES TO HAVE #57 LIMESTONE UP TO OPERATING NUT OF VALVE.
14. ALL FIRE HYDRANTS TO HAVE A MINIMUM OF 1/2 CUBIC YARD OF #57 LIMESTONE 6" ABOVE DRAIN HOLE OR EQUIVALENT SIZE BANK RUN GRAVEL. PLASTIC SHALL BE PLACED OVER STONE PRIOR TO BACKFILL. ALL HYDRANTS TO BE TURNED WITH 4-1/2" NOZZLE FACING STREET AND MEETING FIRE DEPARTMENT SPECIFICATIONS.
15. ALL VALVE BOX COVERS ARE TO BE PAINTED BLUE. CONTRACTOR IS RESPONSIBLE FOR ADJUSTMENTS TO VALVE BOXES, CURB BOXES, AND FIRE HYDRANTS WITH RESPECT TO FINAL GRADING. ALL VALVE BOXES IN NEW OR PROPOSED PAVEMENT SHALL BE SCREW TYPE.
16. WATERLINE WILL NOT BE ACCEPTED OR PLACED IN SERVICE UNTIL CONTRACTOR CONDUCTS AND OBTAINS SATISFACTORY RESULTS OF PRESSURE AND CHLORINE TESTS PER AWWA C651 REQUIREMENTS. BACTERIA TEST WILL THEN BE CONDUCTED BY AQUA OHIO. ALL VALVES, HYDRANTS, AND CURB BOXES ARE TO BE AT PROPER GRADE PRIOR TO ACCEPTANCE.
17. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO ENSURE SAFETY OF THE PUBLIC ON AND SURROUNDING THE SITE DURING CONSTRUCTION.
18. THE LOCATION OF EXISTING UTILITIES AND STRUCTURES, BOTH ABOVE GROUND AND UNDERGROUND ARE SHOWN ON THE PLANS FROM DATA AVAILABLE AT THE TIME OF THE SURVEY AND ARE NOT NECESSARILY COMPLETE AND/OR CORRECT. THE EXACT LOCATION AND PROTECTION OF EXISTING UTILITIES AND STRUCTURES IS THE RESPONSIBILITY OF THE CONTRACTOR. DURING CONSTRUCTION, THE CONTRACTOR SHALL USE DUE DILIGENCE IN PROTECTING FROM DAMAGE ALL EXISTING UTILITIES AND STRUCTURES WHETHER SHOWN ON PLANS OR NOT. IF DAMAGE IS CAUSED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR RESTORATION OF SAME IN ACCORDANCE WITH THE DIRECTIONS OF THE OWNER. THE CONTRACTOR SHALL CONTACT OHIO UTILITIES PROTECTION SERVICE, AT 1-800-362-2764, TWO WORKING DAYS PRIOR TO START OF CONSTRUCTION AS REQUIRED BY OHIO LAW.
19. THE WATERLINE SHALL BE INSTALLED AT 4'-0" OF COVER FROM EXISTING/PROPOSED GRADE TO TOP OF THE WATERLINE. THIS 4' SHALL BE MAINTAINED UNLESS OTHERWISE NOTED.
20. A MINIMUM 10'-0" HORIZONTAL SEPARATION MUST BE MAINTAINED BETWEEN ALL STORM AND SANITARY SEWERS AND WATERLINE, OUT TO OUT.
21. A MINIMUM 18" VERTICAL SEPARATION MUST BE MAINTAINED BETWEEN ALL STORM AND SANITARY SEWERS AND WATERLINE, OUT TO OUT.
22. THE CONTRACTOR SHALL VISIT THE SITE TO PERSONALLY ASCERTAIN THE NATURE OF THE WORK INVOLVED AND THOROUGHLY BECOME FAMILIAR WITH THE SITE PRIOR TO THE SUBMISSION OF HIS OR HER BID.

GENERAL WATERLINE INSTALLATION NOTES (CONTINUED)

23. THE CONTRACTOR SHALL CAREFULLY LAYOUT THE WATERLINE AND ALL RELATED FACILITIES TO ENSURE THAT THEY ARE LOCATED WITHIN THE PUBLIC RIGHT-OF-WAY AND/OR ACQUIRED EASEMENTS AS INDICATED.
24. THE CONTRACTOR IS RESPONSIBLE FOR RESTORING THE SITE (YARDS, DITCHES, DRIVEWAYS, ETC.) TO ITS ORIGINAL OR BETTER CONDITION UPON COMPLETION OF THE WATERLINE INSTALLATION.
25. THE CONTRACTOR MAY DEFLECT THE WATERLINE AS PER MANUFACTURER'S SPECS WITH PERMISSION FROM AQUA AS NEEDED TO MAINTAIN MINIMUM HORIZONTAL AND VERTICAL SEPARATION DISTANCES.
26. THE CONTRACTOR SHALL CAREFULLY PRESERVE BENCHMARKS, PROPERTY CORNERS, REFERENCE POINTS, AND STAKES. ANY BENCHMARK, PROPERTY CORNER, OR SURVEY MARKER DAMAGED OR DISTURBED BY THE CONTRACTOR SHALL BE RESET BY AN OHIO REGISTERED PROFESSIONAL SURVEYOR AT THE CONTRACTORS EXPENSE.
27. ALL MAIL BOXES, TRAFFIC CONTROL SIGNS AND ADVERTISING SIGNS ENCOUNTERED DURING CONSTRUCTION SHALL BE REPLACED IMMEDIATELY AFTER THE WATER MAIN HAS BEEN INSTALLED AND BACKFILLED. TEMPORARY SIGNS TO BE USED AS NEEDED.
28. WATER SERVICE LINE CONNECTIONS ARE NOT TO BE INSTALLED UNTIL PRESSURE TEST AND BACTERIA TESTS HAVE BEEN APPROVED PER AWWA C651 REQUIREMENTS.
29. THE NORMAL WORKING PRESSURE IN WATER LINES SHALL NOT BE LESS THAN 35 PSI.

NOTE: THIS LIST DOES NOT SUPERCEDE CONTRACT SPECIFICATIONS AND IS INTENDED ONLY AS A GUIDELINE TO INSTALLING WATERLINES WITHIN THE AQUA OHIO SERVICE AREA. ANY QUESTIONS SPECIFIC TO YOUR PROJECT, SHOULD BE DISCUSSED WITH THE ONSITE INSPECTOR. ALL COSTS OF THE ANCILLARY ITEMS ASSOCIATED TO THE CONSTRUCTION OF THE WATER MAINS SHALL BE INCLUDED IN THE CONTRACT PRICE FOR ITEM 638, WATER MAIN DUCTILE IRON PIPE.

GENERAL CONSTRUCTION NOTES

1. PRE-CONSTRUCTION MEETING WILL BE SCHEDULED PRIOR TO CONSTRUCTION WITH ALL APPROVING AGENCIES INVITED.
2. PRE-CONSTRUCTION VIDEOTAPE WILL BE MADE TO DOCUMENT EXISTING CONDITIONS PRIOR TO CONSTRUCTION. VIDEO SHALL BE RECORDED ON THREE (3) DVDS, HAVING A MINIMUM PLAYBACK OF 60 MINUTES, COLOR WITH AUDIO.
3. THE CONTRACTOR SHALL COORDINATE THE CROSSING OF RESIDENTIAL DRIVEWAYS TO MAINTAIN ACCESS.
4. TRAFFIC CONTROL AND MAINTENANCE OF TRAFFIC SHALL COMPLY WITH DESIGN PRESENTED IN THE CONSTRUCTION PLANS HERE IN.
5. PRIOR TO WORK BEGINNING, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A WORK WITHIN THE R/W PERMIT, BORE PERMIT, AND HAULING PERMITS.
6. RECORDED UTILITY EASEMENTS FOR WATERLINE MUST BE RECEIVED BY AQUA OHIO PRIOR TO CONSTRUCTION.
7. AQUA OHIO IS TO BE NOTIFIED 30 DAYS IN ADVANCE OF CONSTRUCTION START DATE IN ORDER TO PREPARE INSPECTION AND INTERNAL CREWS.
8. AQUA OHIO IS TO BE NOTIFIED A MINIMUM OF 5 DAYS PRIOR TO ANY SHUT DOWNS. SHUT DOWNS MUST BE SCHEDULED AND PLANNED 5 DAYS IN ADVANCE. THE PURPOSE IS TO ALLOW AQUA OHIO TIME TO GIVE A MANDATORY NOTIFICATION TO CUSTOMERS.
9. AQUA OHIO WILL HANDLE CUSTOMER NOTIFICATION INCLUDING PRODUCING WRITTEN NOTIFICATION MATERIAL. AQUA OHIO INSPECTOR AARON BELFAST MAY REQUEST ASSISTANCE HANDING OUT NOTICES IF MORE THAN 20 CUSTOMERS REQUIRE NOTIFICATIONS.
10. SCHEDULING OF SHUTDOWNS WILL BE COORDINATED WITH THE ON-SITE INSPECTOR AARON BELFAST (330) 272-7370.

STEVE PROCICK
OFFICE: 330-755-1100
CELL: 330-559-8194

ZACH TALLMADGE
OFFICE: 330-397-0776
CELL: 814-490-5755

TRENCH SPECIFICATIONS

FILL MATERIAL - MATERIAL FOR BACKFILLING SHALL BE SHOWN ON THE PLANS AND CONSIST OF NATIVE MATERIAL FOR OUTSIDE PAVEMENT APPLICATIONS, AND ODOT ITEM 304 FOR PAVEMENT OR NEAR PAVEMENT APPLICATIONS OR AREAS DESIGNATED AS "PREMIUM BACKFILL". SLAG OR FLY ASH PRODUCTS ARE NOT ACCEPTABLE.

BEDDING MATERIAL - ODOT STANDARDS SPECIFICATION, SAND (NATURAL OR SAND MANUFACTURED FROM STONE) CONFORMING TO ODOT ITEM 703.11 (NO SLAG OR FLY ASH PRODUCTS). NATIVE BEDDING MAY BE USED AS AN ALTERNATIVE IF THE TRENCH MEETS THE CONDITIONS OF DIPRA INSTALLATION GUIDE - LAYING CONDITIONS TYPE 1, 2, OR 3, AT THE SOLE DISCRETION OF THE ENGINEER.

WATER WORKS, MISC.: WATER SERVICE LOWERING (AQUA OHIO)

LOWERING OF WATER SERVICES SHALL COMPLY WITH AQUA OHIO STANDARD AND SPECIFICATIONSSHOWN HERE IN. THE COST OF WATER SERVICE LOWERINGS SHALL BE PAID AT THE UNIT PRICE BID OF EACH.

WATER WORKS, MISC.: VALVE AND VALVE BOX REMOVED

EXISTING VALVE AND VALVE BOXES SHALL BE REMOVED AS SPECIFIED IN THE PLANS. PROPERLY DISPOSE OF VALVE AND VALVE BOXES OFF PROJECT SITE. THE COST OF VALVE AND VALVE BOX REMOVED SHALL BE PAID AT THE UNIT PRICE BID OF EACH.

WATER WORKS, MISC.: PIPE REMOVED

EXISTING WATER MAIN SHALL BE REMOVED FROM STATION RANGES SPECIFIED IN THE PLANS. REMOVAL OF PIPE SHALL BE IN ACCORDANCE WITH CMS 202.02 & 202.04. PROPERLY DISPOSE OF PIPE OFF PROJECT SITE. THE COST OF PIPE REMOVED SHALL BE PAID AT THE UNIT PRICE BID OF FEET.

WATER WORKS, MISC.: WATER METER, ADJUSTED TO GRADE

RAISE OR LOWER EXISTING WATER METER TO GRADE. EXCAVATE AROUND WATER METER AS NEEDED TO PERMIT THE CONTRACTOR TO RAISE OR LOWER. BACKFILL THE HOLE AFTER THE WATER METER HAS BEEN ADJUSTED TO GRADE.

THE CONTRACTOR WILL MAKE A CLEAN CIRCULAR CUT AROUND THE CASTING (48" DIAMETER FOR STORM AND SANITARY MANHOLE CASTINGS, 24"-28" FOR VALVE AND MONUMENT BOXES, AND 2' IN DIAMETER LARGER THAN STANDARD MANHOLES SUCH AS TELECOMMUNICATION MANHOLE CASINGS) AND REMOVE AND DISCARD THE EXISTING CASTING. INSTALL A NEW CASTING TO GRADE (ACCORDING TO TOLERANCES AS SHOWN ON STANDARD CONSTRUCTION DRAWING BP-3.1) AFTER THE PAVEMENT SURFACE COURSE HAS BEEN REPLACED.

CMS 499 CLASS QCMS CONCRETE (DYE THE CONCRETE SUCH THAT ITS COLOR CLOSELY MATCHES THE COLOR OF THE SURROUNDING PAVEMENT) WILL BE USED FOR BACKFILLING THE FULL PAVEMENT SECTION AND THE JOINT BETWEEN THE ASPHALT AND CONCRETE WILL BE SEALED WITH CMS 702.01 PG BINDER. EPOXY COATED REBAR SHALL BE PLACED IN THE CONCRETE AT 6" MAXIMUM ON CENTER AND A MINIMUM OF 3.5" CLEARANCE FROM THE TOP, BOTTOM AND SIDES. THE CONCRETE WILL BE VIBRATED SUFFICIENTLY TO ELIMINATE AIR POCKETS UNDER THE FRAME.

PAYMENT WILL INCLUDE REMOVAL OF THE EXISTING MATERIAL, INSTALLATION AND FURNISHING OF A NEW CASTING, AND ALL LABOR AND MATERIALS REQUIRED TO COMPLETE THIS ITEM OF WORK AS DESCRIBED. THE COST OF WATER METER, ADJUSTED TO GRADE SHALL BE PAID AT THE UNIT PRICE BID OF EACH.

ALL VALVES SHALL BE MUELLER RESILIENT SEAT GATE VALVE, 150 PSI, OPEN LEFT (COUNTER-CLOCKWISE), WITH STAINLESS STEEL BOLTS.

ALL FIRE HYDRANTS SHALL BE MUELLER SUPER CENTURION (5-1/4") WITH THE FOLLOWING SPECIFICATIONS:

- 4.5' BURY
- 6" MECHANICAL JOINT
- 4-1/2" VALVE OPENING - VALVE TO OPEN LEFT (COUNTER-CLOCKWISE)
- (2) - 2-1/2" HOSE NOZZLES GA 75294 THREAD
- (1) - 4-1/2" STREAMER NOZZLE GA 6-529 THREAD
- (1) - 1/2" OPERATING NUT - PENTAGON SHAPE
- 5-1/4" MINIMUM INSIDE BARREL DIAMETER
- YELLOW BARREL BODY/RED BONNET AND CAPS

WATER WORKS, MISC.: HOT TAP

A HOT TAP SHALL BE INSTALLED ON THE EXISTING WATER MAIN TO PERFORM THE REQUIRED TESTS FOR THE PROPOSED PIPE FOR LOWERINGS AND RELOCATIONS. THE LOCATION OF THE HOT TAP SHALL BE ON THE LOW END OF ALL THE RELOCATIONS AND LOWERINGS.

ALL WORK AND MATERIALS ASSOCIATED WITH AND USED FOR THE INSTALLATION, MAINTENANCE AND REMOVAL OF THE HOT TAP SHALL BE INCLUDED IN THE UNIT PRICE BID OF EACH.

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AQUA OHIO GENERAL NOTES

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