

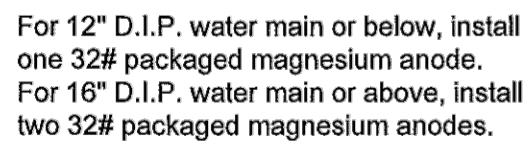


THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

- ① FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
- ② FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
- ③ FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.



(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



N.T.S.


OAK CREEK WATER & SEWER UTILITY
DATE: 2/11/2014
SCALE: N.T.S.



1. STAGGER BALES TO COVER JOINTS IF MORE THAN 1 ROW IS USED.
2. WHEN ROLLED EXCELSIOR IS USED, ANGLE STAKES IN THE DIRECTION OF FLOW, DRIVE THEM 2' ON CENTER, AND ENTWINE THE ENDS OF THE STAKES IN THE MESH ROLL COVERING.

NO SCALE

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1-20-2017

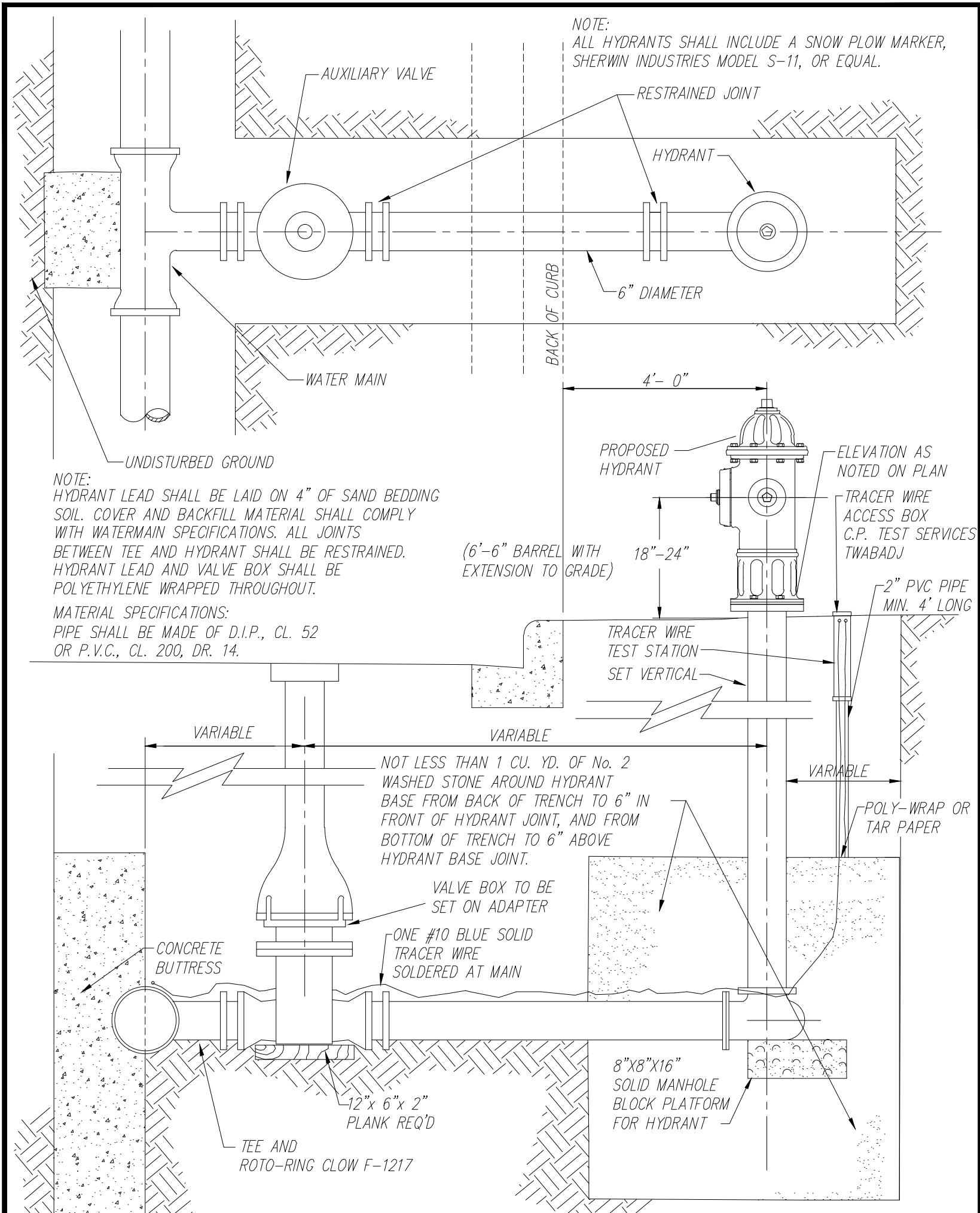
Utility Engineer Date

1. CONTRACTOR SHALL REMOVE SIGNS, MAILBOXES, ETC. DURING CONSTRUCTION. IMMEDIATELY AFTER PIPE INSTALLATION AND BACKFILL OCCURS, ALL SIGNS, MAILBOXES, ETC. SHALL BE RETURNED TO THEIR PREVIOUS LOCATION. ALL STOP SIGNS MUST BE DISPLAYED AT ALL TIMES.
2. 4-INCHES OF INSULATION IS REQUIRED WHEREVER COVER OVER THE TOP OF WATER MAIN AND/OR WATER LATERAL IS LESS THAN 6 FT. OR WHERE SHOWN ON PLANS. (INCIDENTAL TO PROPOSED WATER MAIN)
3. RESTRAINT OF PROPOSED WATER MAIN IS INCIDENTAL TO WATER MAIN CONSTRUCTION.
4. SUPPORTING OF POWER/LIGHT POLES ALONG THE ENTIRE PROJECT LIMITS FOR PROPOSED WATER MAIN IS INCIDENTAL TO PROPOSED WATER MAIN CONSTRUCTION.
5. LOCATION OF PROPOSED WATER LATERALS ON PLANS ARE APPROXIMATE. FINAL LOCATION SHALL BE DETERMINED IN FIELD DURING CONSTRUCTION.
6. CONTRACTOR SHALL REINSTATE ALL SUMP PUMP DISCHARGES DAMAGED DURING CONSTRUCTION OR EXTEND EXISTING DISCHARGES AS REQUIRED WITHIN THE PROJECT LIMITS. CONTRACTOR SHALL FURNISH NEW PIPE MATERIAL TO MATCH EXISTING PIPE, AND JOIN WITH A WATERTIGHT SEAL. (INCIDENTAL TO PROPOSED WATER MAIN)
7. THE BASE SURVEY AND PROPOSED LINWORK WAS PREPARED BY BAXTER & WOODMAN, INC. IN OCTOBER, 2015. ALL UNDERGROUND UTILITIES AND STRUCTURES HAVE BEEN SHOWN TO A REASONABLE DEGREE OF ACCURACY AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THEIR EXACT LOCATION AND TO AVOID DAMAGE THERETO.
8. CONTRACTOR SHALL PROVIDE CLASS D CONCRETE BUTTRESS RESTRAINT AT ALL HORIZONTAL BENDS W/STANDARD DIMENSIONS PER FILE NO. 44 OF THE STANDARD SPECIFICATIONS. RESTRAIN VERTICAL BENDS AND LENGTH OF HYDRANT LEADS WITH RESTRAINT HARNESSES OR APPROVED EQUAL. RESTRAINT OF PROPOSED WATER MAIN IS INCIDENTAL TO WATER MAIN CONSTRUCTION.
9. ALL STATIONS AND DIMENSIONS ARE TO CENTER OF STRUCTURE/FITTING OR OPERATING NUT OF HYDRANT.
10. COORDINATES IN THIS PLAN ARE REFERENCED TO THE WISCONSIN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (NAD 27). GROUND ELEVATIONS SHOWN ON THIS PLAN ARE REFERENCED TO THE CITY OF OAK CREEK VERTICAL DATUM (NGVD29=-580.60').
11. CONTRACTOR SHALL INSTALL GALVANIC ANODE CORROSION PROTECTION AT EACH CONNECTION TO EXISTING WATER MAIN.
12. CONTRACTOR SHALL INSTALL BRASS GROUNDING CLAMP AT ALL CONNECTIONS TO EXISTING WATER MAIN AND CONNECT TO TRACER WIRE WITH 5/8" GROUND ROD CLAMP MANUFACTURED BY STORM COPPER COMPONENTS OR EQUAL TO BE USED FOR FUTURE UTILITY LOCATING.
13. PVC FITTINGS SHALL BE USED ON ALL PVC PIPE. PVC FITTINGS 4" TO 12" IN DIAMETER SHALL BE INJECTION MOLDED AND COMPLY WITH THE REQUIREMENTS OF AWWA C907 AND BE CERTIFIED CSA B137.2. MOLDED FITTINGS WILL BE MADE OF PVC COMPOUND WITH A MINIMUM HYDROSTATIC DESIGN BASIS OF 4000 PSI. MOLDED FITTINGS MUST BE FACTORY MUTUAL APPROVED AND LISTED BY THE UNDERWRITER'S LABORATORIES INTERNATIONAL (ULI) IF A PARTICULAR TYPE OR PVC FITTING IS NOT MANUFACTURED OR UNAVAILABLE. THE CONTRACTOR MAY USE DUCTILE IRON FITTINGS ON A CASE BY CASE BASIS WITH THE APPROVAL OF THE UTILITY ENGINEER.
14. CONTRACTOR SHALL NOTIFY OAK CREEK WATER & SEWER UTILITY 48 HOURS BEFORE TAKING ANY WATER MAIN OUT OF SERVICE.
15. STAINLESS STEEL HARDWARE SHALL BE USED FOR ALL HYDRANTS AND VALVES.
16. ALL HYDRANTS WILL BE SET SO THAT THE MAIN NOZZLE FACES THE ADJACENT STREET (INCIDENTAL).
17. THE CONTRACTOR SHALL PROVIDE APPROPRIATE EQUIPMENT TO FILL, FLUSH AND SAMPLE NEW WATER MAINS.
18. SLURRY FILL AT ALL SANITARY LATERAL CROSSINGS WHERE WATER MAINS ITEMS PASS UNDER.

1. DITCHLINES TO BE RESTORED WITH 3" OF TOPSOIL, HYDROSEED AND EROSION MATTING. CONTRACTOR SHALL INSURE POSITIVE DRAINAGE WITH LONGITUDINAL DITCH SLOPE MATCHING THE LONGITUDINAL GRADE OF THE ROAD CENTER LINE.
2. ALL SAWCUTTING, PAVEMENT REMOVAL, EXCAVATION, MATERIALS, AND LABOR NECESSARY FOR THE INSTALLATION OF THE PROPOSED WATER SERVICE LATERALS IS INCIDENTAL TO WATER SERVICE BID ITEM.

1. ALL PERMIT CONDITIONS SHALL BE MET DURING CONSTRUCTION OF THE PROJECT.
2. CONSTRUCTION SITE EROSION CONTROL AND SEDIMENTATION CONTROL SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF OAK CREEK, AND SHALL MEET OR EXCEED EROSION CONTROL METHODS AS SHOWN AND SPECIFIED IN THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) "CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS".
3. ALL EROSION CONTROL MEASURES SHALL BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND SHALL BE INSTALLED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON THE SITE.
4. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED FOR STABILITY AND OPERATION AFTER A RAINFALL OF 0.5 INCHES OR MORE, BUT NO LESS THAN ONCE EVERY WEEK. MAINTENANCE OF ALL EROSION CONTROL STRUCTURES SHALL BE PROVIDED TO INSURE INTENDED PURPOSE IS ACCOMPLISHED. REPAIRS AND MAINTENANCE SHALL BE COMPLETED WITHIN 24 HOURS OF INSPECTION. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP AND REMOVAL OF ALL SEDIMENT WHEN LEAVING PROPERTY. EROSION CONTROL MEASURES MUST BE IN WORKING CONDITION AT END OF EACH WORK DAY.
5. EROSION CONTROL MEASURES SHALL BE MAINTAINED ON A CONTINUING BASIS UNTIL SITE IS FULLY STABILIZED.
6. FILTER FABRIC SHALL BE INSTALLED BENEATH INLET COVERS TO TRAP SEDIMENT AS PER INLET PROTECTION DETAIL IN THE LOCATIONS SHOWN ON THE CONSTRUCTION PLANS.
7. PERIODIC STREET SWEEPING SHALL BE COMPLETED TO MAINTAIN THE PUBLIC STREET FREE OF DUST AND DIRT.
8. SILT FENCE SHALL BE INSTALLED IN HORSESHOE FASHION AROUND ALL TOPSOIL AND FILL STOCKPILES. NOTIFY THE CITY OF OAK CREEK OF ANY NEW STOCKPILE LOCATIONS.
9. WASTE AND MATERIAL DISPOSAL. ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, WASTEWATER, TOXIC MATERIALS, OR HAZARDOUS MATERIALS) SHALL BE PROPERLY DISPOSED AND NOT ALLOWED TO BE CARRIED OFF-SITE BY RUNOFF OR WIND.
10. ANY SOIL DISTURBANCE AND/OR SOIL OR DIRT STORAGE PILES SHALL BE LOCATED A MINIMUM OF TWENTY-FIVE FEET FROM ANY DOWNSLOPE ROAD, LAKE, STREAM, WETLAND, OR DRAINAGE CHANNEL. STRAW BALE OR FILTER FABRIC FENCES SHALL BE PLACED ON THE DOWN SLOPE SIDE OF THE PILE, IF REMAINING FOR MORE THAN THIRTY DAYS. PILES SHALL BE STABILIZED BY MULCHING, VEGETATIVE COVER, TARPS, OR OTHER MEANS.
11. ALL DISTURBED GROUND LEFT INACTIVE FOR SEVEN OR MORE DAYS SHALL BE STABILIZED BY TEMPORARY OR PERMANENT SEEDING, AND MULCHING SODDING, COVERING WITH TARPS, OR EQUIVALENT BEST MANAGEMENT PRACTICES. IF TEMPORARY SEEDING IS USED, A PERMANENT COVER SHALL ALSO BE REQUIRED AS PART OF THE FINAL SITE STABILIZATION. SEEDING OR SODDING SHALL BE REQUIRED AS PART OF THE FINAL SITE STABILIZATION.
12. TRACKING. EACH SITE SHALL HAVE GRAVELED ROADS, ACCESS DRIVES AND PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH TO PREVENT SEDIMENT FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY STREET CLEANING, TO THE SATISFACTION OF THE CITY, BEFORE THE END OF EACH WORKDAY. FLUSHING MAY NOT BE USED UNLESS SEDIMENT WILL BE CONTROLLED BY A SEDIMENT BASIN OR OTHER APPROPRIATE BEST MANAGEMENT PRACTICE SPECIFIED IN THE WDNR "CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS". NOTIFY THE CITY OF OAK CREEK FOR CHANGES IN STABILIZED CONSTRUCTION ENTRANCE LOCATION.
13. SEDIMENT CLEANUP. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF A STORM EVENT SHALL BE CLEANED UP BY THE END OF THE NEXT WORK DAY. ALL OTHER OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE CLEANED UP BY THE END OF THE WORK DAY.
14. NOTIFY THE CITY WITHIN TWO WORKING DAYS OF COMMENCING ANY LAND DEVELOPMENT OR LAND DISTURBING ACTIVITY.
15. NOTIFY THE CITY OF COMPLETION OF ANY BEST MANAGEMENT PRACTICES WITHIN THE NEXT WORKING DAY AFTER THEIR INSTALLATION.
16. OBTAIN PERMISSION IN WRITING FROM THE CITY OF OAK CREEK WATER & SEWER UTILITY DEPARTMENT PRIOR TO MODIFYING THE EROSION CONTROL PLAN. NOTIFY WDNR AT LEAST FIVE WORKING DAYS PRIOR TO IMPLEMENTING CHANGES TO THE EROSION CONTROL PLAN.
17. REPAIR ANY SILTATION OR EROSION DAMAGE TO ADJOINING SURFACES AND DRAINAGE WAYS RESULTING FROM LAND DEVELOPMENT OR LAND DISTURBING ACTIVITIES.
18. KEEP A COPY OF THE EROSION CONTROL PLAN ON SITE.
19. WHENEVER SOIL EXHIBITING OBVIOUS SIGNS OF CONTAMINATION IS ENCOUNTERED DURING EXCAVATION OR INSTALLATION, CEASE WORK IMMEDIATELY, TAKE APPROPRIATE IMMEDIATE PRECAUTIONS TO ENSURE WORKER HEALTH AND SAFETY, AND CONTACT OPERATIONS SUPERVISOR OR INSPECTOR.
20. WATER PUMPED FROM THE SITE, INCLUDING BUT NOT LIMITED TO, PITS OR TRENCHES SHALL BE TREATED BY SEDIMENT BASINS, AN APPROVED SEDIMENT BAG, A STRAW BALE DEWATER BASIN, A COMBINATION OF BOTH, OR OTHER APPROPRIATE BEST MANAGEMENT PRACTICES SPECIFIED IN THE WDNR "CONSTRUCTION SITE EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS". WATER SHALL NOT BE DISCHARGED IN A MANNER THAT CAUSES EROSION OF THE SITE, ADJACENT SITES, OR RECEIVING CHANNELS.
21. PRIOR TO INITIATING ANY LAND DISTURBANCE IN WETLANDS, CONFIRM THAT NECESSARY FEDERAL, STATE, AND LOCAL PERMITS HAVE BEEN OBTAINED.
22. AS MUCH AS PRACTICABLE, THE MAJORITY OF WORK SHALL BE STAGED FROM THE PUBLIC ROADWAYS AND ROAD SHOULDERS, AND EQUIPMENT SHALL BE KEPT OUT OF WETLANDS. ALL WORK SHALL BE CONDUCTED TO MINIMIZE SOIL DISTURBANCE. NO RUTTING WILL BE ALLOWED IN WETLANDS.
23. IF SOILS ARE NOT FROZEN OR STABLE TO A POINT THAT AVOIDS RUTTING, TIMBER MATS, MUD TRACKS, OR EQUIVALENT SHALL BE UTILIZED FOR ACCESS IN WETLANDS
24. EXCAVATED SPOILS SHALL NOT BE STOCKPILED IN WETLANDS AND ALL EXCESS SPOILS SHALL BE REMOVED FROM WETLANDS AND PLACED IN A SUITABLE UPLAND LOCATION.
25. TRENCHING AND PIT EXCAVATIONS WITHIN WETLANDS WILL INCLUDE SOIL SEGREGATION TO FACILITATE RESTORATION OF PRE-CONSTRUCTION SOIL STRATIFICATION, AND RESTORATION TO PRE-CONSTRUCTION ELEVATIONS.
26. NO WORK SHALL BE PERFORMED WITHIN THE BANKS OR BELOW THE ORDINARY HIGH WATERMARK OF ANY NAVIGABLE WATERWAY OR STREAM AND NO CROSSING OF NAVIGABLE WATERWAYS WITH EQUIPMENT CAN OCCUR.
27. ANY SOIL BEING DISTURBED WITHIN 75 FEET OF AN ORDINARY HIGH-WATER MARK OF ANY NAVIGABLE WATERWAY OR STREAM SHALL BE STABILIZED WITHIN 24 HOURS OF CONSTRUCTION COMPLETION.

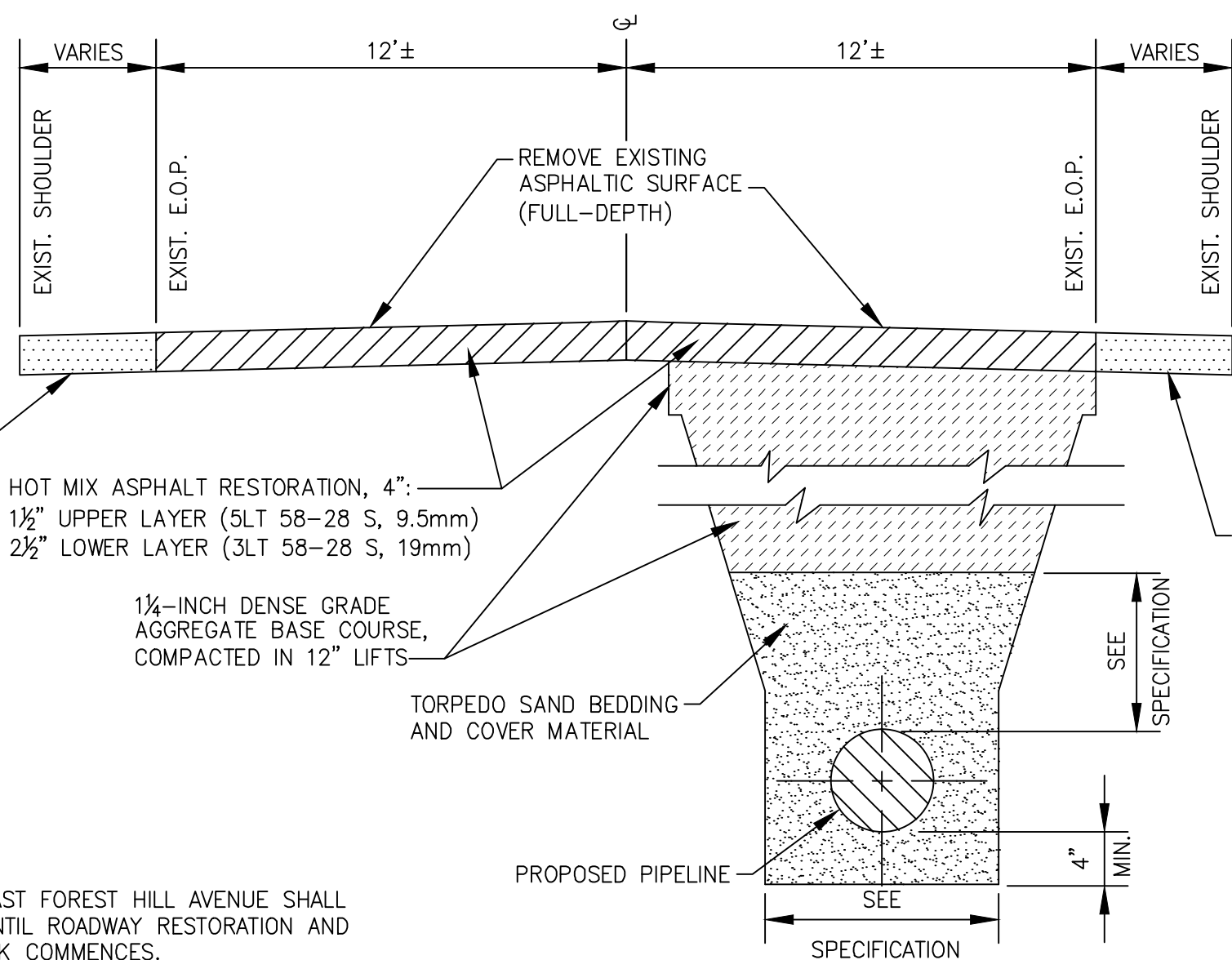
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City of Oak Creek
Department of Public Works

Drawn By: K.C. Seufzer	Scale: Not to Scale
Appv. By: M.J. Sullivan	Date: January 19, 2004

TYPE "A" HYDRANT SETTING DETAIL
WD-13

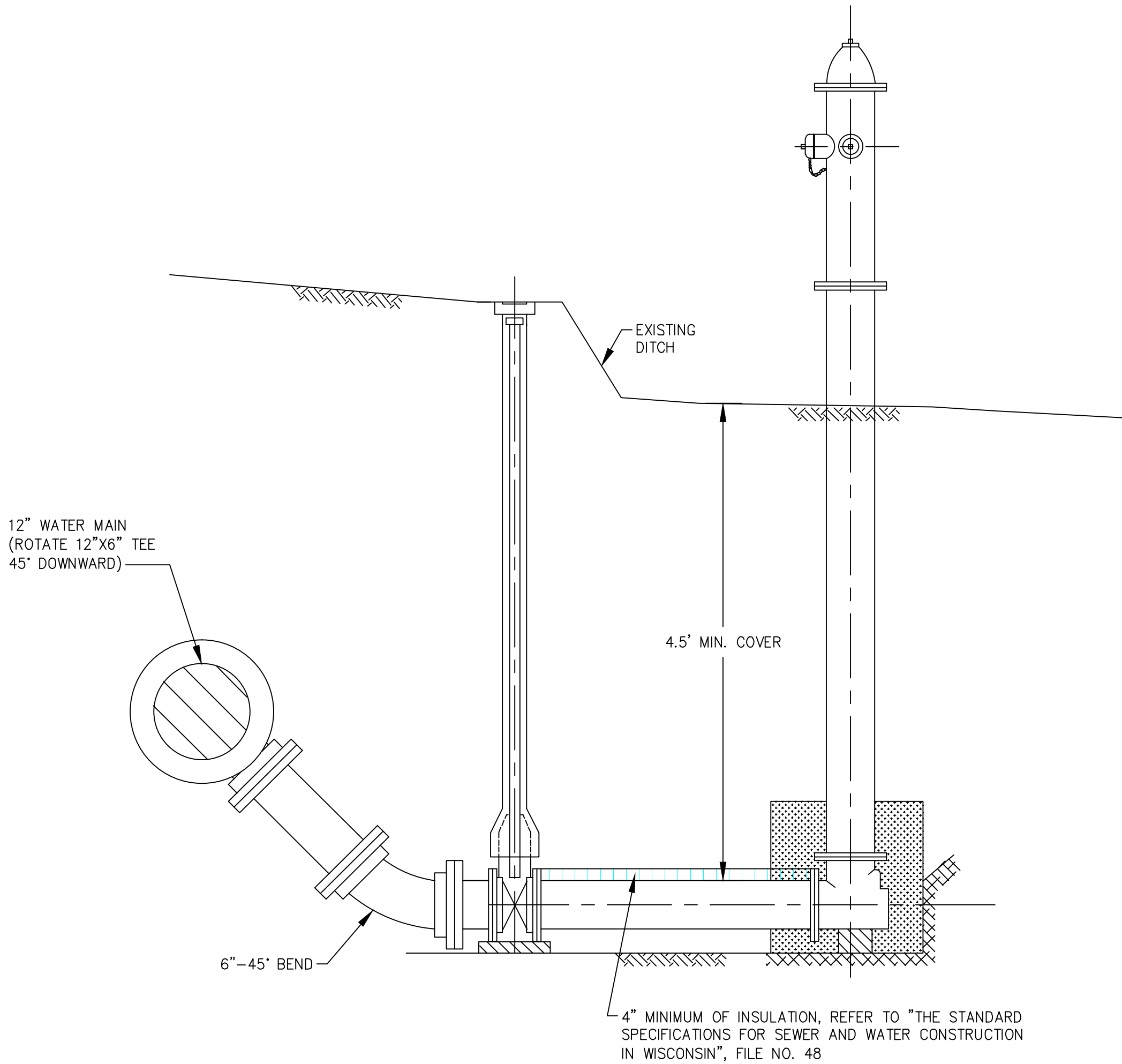


- NOTE:
1. THE WESTBOUND LANE OF EAST FOREST HILL AVENUE SHALL GENERALLY REMAIN PAVED UNTIL ROADWAY RESTORATION AND PAVEMENT RESURFACING WORK COMMENCES.
 2. THE PAVEMENT ON SOUTH VERDEV DRIVE SHALL BE REMOVED AND REPLACED FROM EAST FOREST HILL AVENUE TO A POINT 313' SOUTH OF EAST FOREST HILL AVENUE.

TYPICAL TRENCH DETAIL
NO SCALE

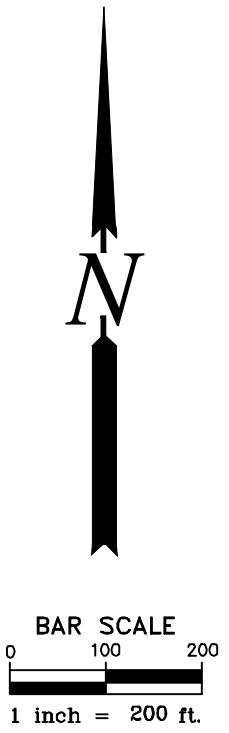
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[Signature] 1-20-2017
Utility Engineer Date



HYDRANT DETAIL - SOUTH DITCH CROSSING
(STA. 5+10)
NO SCALE

SA. TB					CITY OF OAK CREEK, WISCONSIN				APPROVED BY <i>[Signature]</i> 1-20-2017 UTILITY ENGINEER DATE			
ST. TB									DESIGNED BY DATE		DRAWN BY DATE	
W. TB					G.V. 3/3/2017		T.B. 3/3/2017		G.V. 3/3/2017		SCALE SHEET	
G. TB					<div style="display: flex; justify-content: space-between;"> <div> <p>DETAILS</p> <p>PLAN HOR. N/A 3</p> <p>PROFILE HOR. N/A OF</p> <p>VER. N/A 7</p> </div> <div> <p>REVISION BY DATE</p> </div> </div>							
E. TB												
T. TB												
I. TB												
TS. TB	<p>FILE NO:16101-3C-2328</p>											
PP. TB												



①

ROAD CLOSED AHEAD

W20-3A

SIZE 2S

③

ROAD CLOSED TO THRU TRAFFIC

R11-4

SIZE 2S

②

ROAD CLOSED AHEAD

W20-3A

SIZE 2S

E. FOREST HILL

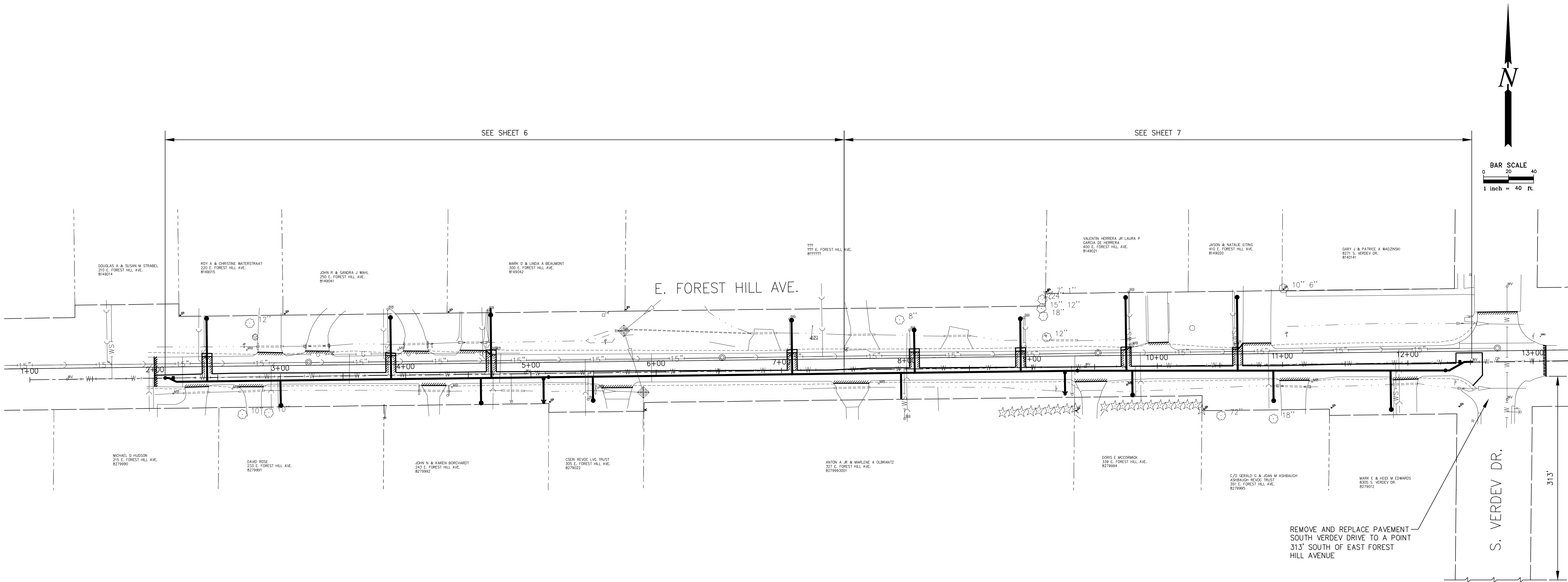
M1-94

SIZE 2

NOTE:
SIGNS THAT ARE DOUBLED SHALL BE PLACED IN THE MEDIAN AND IN THE TERRACE.

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[Signature] 1-20-2017
Utility Engineer Date

SA. TB		CITY OF OAK CREEK, WISCONSIN			APPROVED BY <i>[Signature]</i> 1-20-2017		
ST. TB					UTILITY ENGINEER DATE		
W. TB					APPROVED BY		
G. TB		DESIGNED BY	DATE	DRAWN BY	DATE	CHECKED BY	DATE
E. TB		G.V.	3/3/2017	T.B.	3/3/2017	G.V.	3/3/2017
T. TB		TRAFFIC CONTROL PLAN			CITY ENGINEER DATE		
I. TB					SCALE SHEET		
TS. TB				PLAN HOR. N/A 4			
PP. TB				PROFILE HOR. N/A OF			
				VER. N/A 7			
	REVISION BY DATE			FILE NO:16101-4C-2329			



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Utility Engineer Date

SA. TB
ST. TB
W. TB
G. TB
E. TB
T. TB
I. TB
TS. TB
PP. TB



Gary A. Vogel

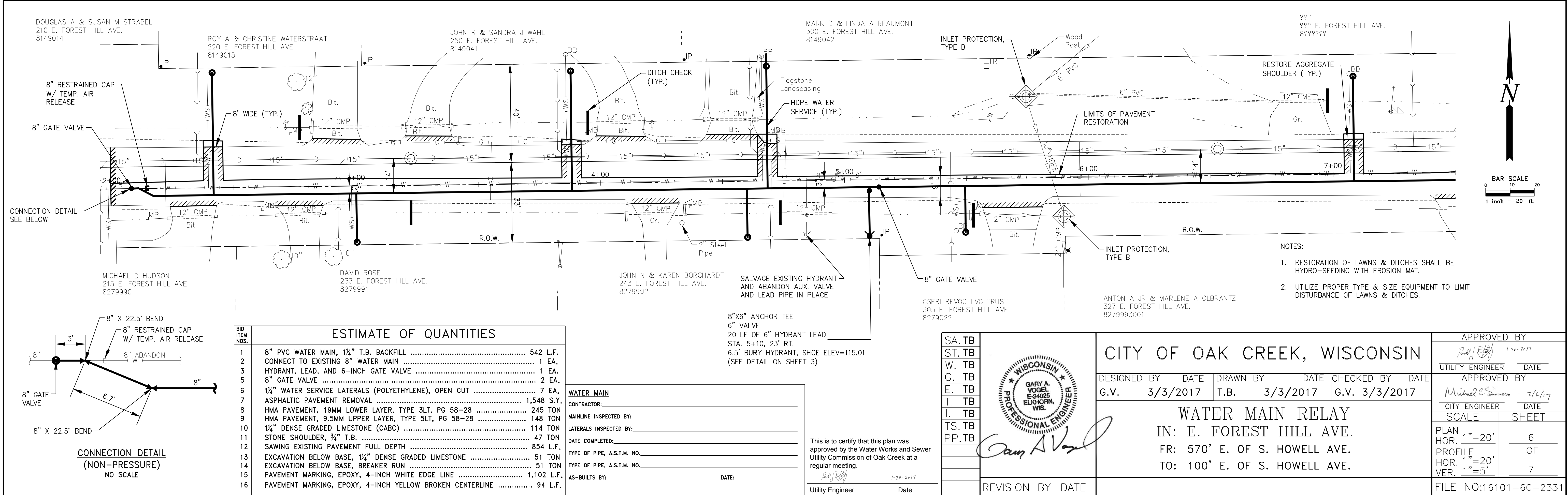
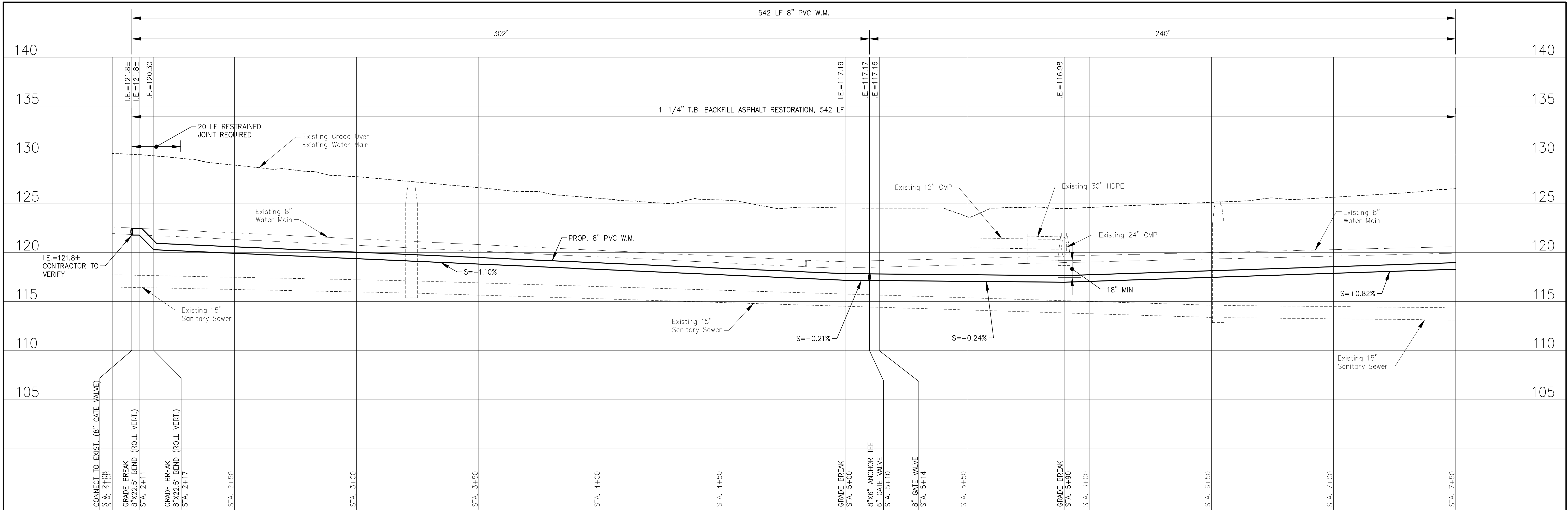
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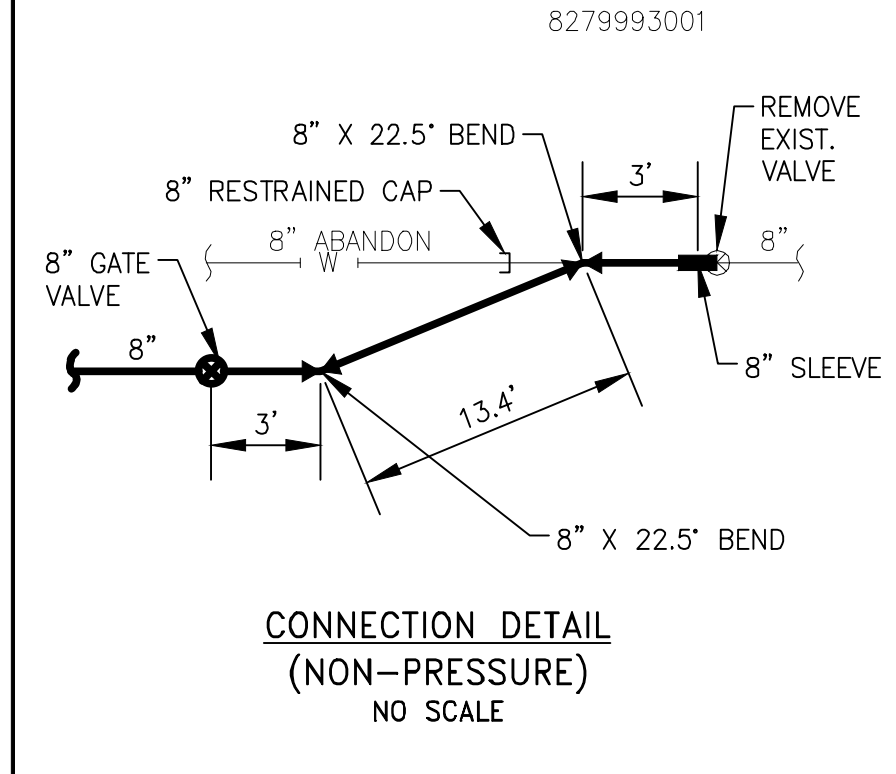
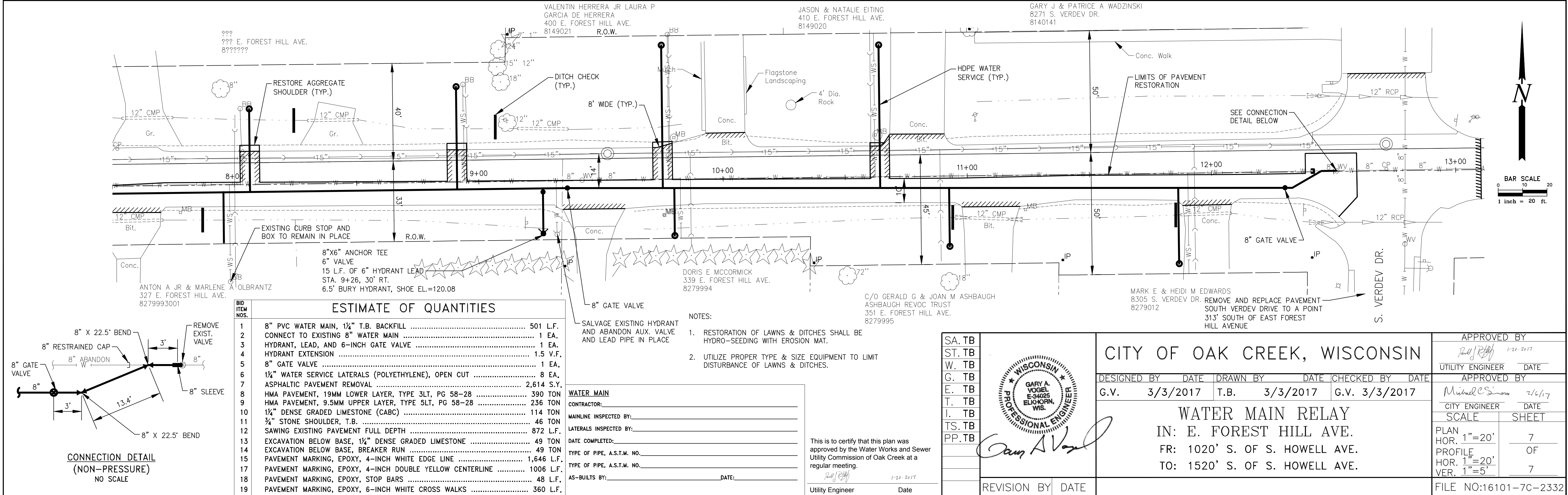
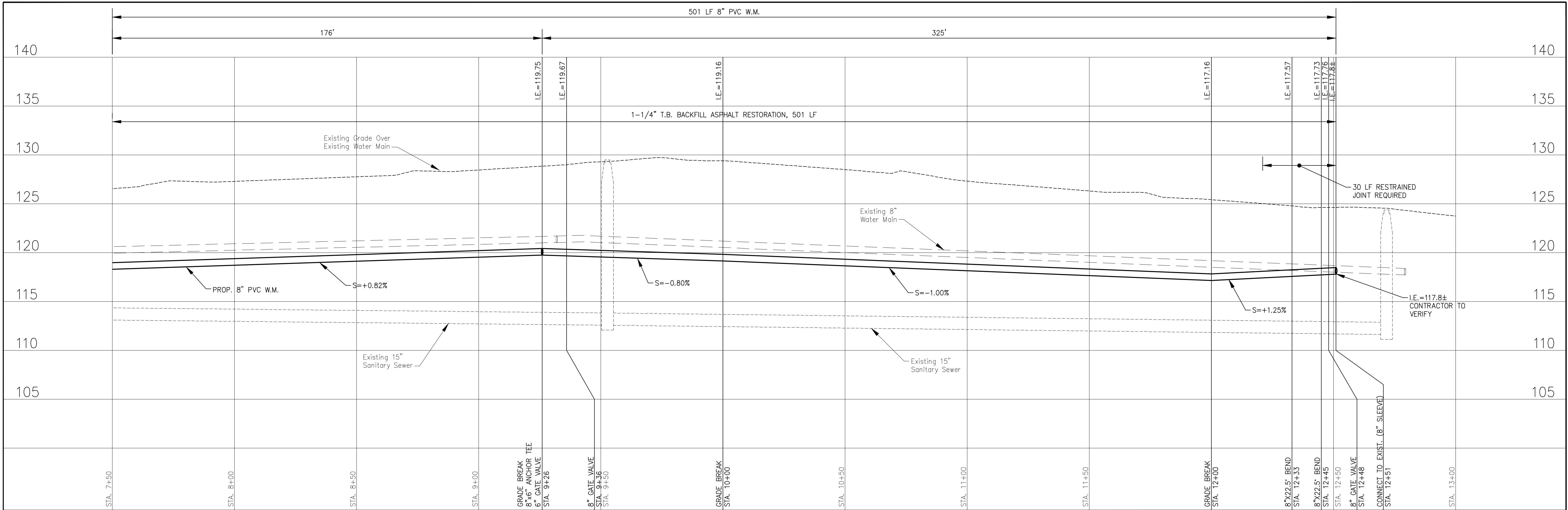
CITY OF OAK CREEK, WISCONSIN

DESIGNED BY	DATE	DRAWN BY	DATE	CHECKED BY	DATE
G.V.	3/3/2017	T.B.	3/3/2017	G.V.	3/3/2017

GENERAL LAYOUT
IN: E. FOREST HILL AVE.
FR: 570' E. OF S. HOWELL AVE.
TO: 1520' E. OF S. HOWELL AVE.

APPROVED BY	
<i>Paul J. Rapp</i>	1-28-2017
UTILITY ENGINEER	DATE
APPROVED BY	
<i>Michael C. Simon</i>	2/6/17
CITY ENGINEER	DATE
SCALE	SHEET
PLAN HOR. 1"=20'	5
PROFILE HOR. 1"=20'	OF
VER. 1"=5'	7
FILE NO:16101-5C-2330	





ESTIMATE OF QUANTITIES	
1	8" PVC WATER MAIN, 1 1/4" T.B. BACKFILL 501 L.F.
2	CONNECT TO EXISTING 8" WATER MAIN 1 EA.
3	HYDRANT, LEAD, AND 6-INCH GATE VALVE 1 EA.
4	HYDRANT EXTENSION 1.5 V.F.
5	8" GATE VALVE 1 EA.
6	1 1/2" WATER SERVICE LATERALS (POLYETHYLENE), OPEN CUT 8 EA.
7	ASPHALTIC PAVEMENT REMOVAL 2,614 S.Y.
8	HMA PAVEMENT, 19MM LOWER LAYER, TYPE 3LT, PG 58-28 390 TON
9	HMA PAVEMENT, 9.5MM UPPER LAYER, TYPE 5LT, PG 58-28 236 TON
10	1 1/4" DENSE GRADED LIMESTONE (CABC) 114 TON
11	3/4" STONE SHOULDER, T.B. 46 TON
12	SAWING EXISTING PAVEMENT FULL DEPTH 872 L.F.
13	EXCAVATION BELOW BASE, 1 1/4" DENSE GRADED LIMESTONE 49 TON
14	EXCAVATION BELOW BASE, BREAKER RUN 49 TON
15	PAVEMENT MARKING, EPOXY, 4-INCH WHITE EDGE LINE 1,646 L.F.
16	PAVEMENT MARKING, EPOXY, 4-INCH DOUBLE YELLOW CENTERLINE 1,006 L.F.
17	PAVEMENT MARKING, EPOXY, STOP BARS 48 L.F.
18	PAVEMENT MARKING, EPOXY, 6-INCH WHITE CROSS WALKS 360 L.F.

WATER MAIN	
CONTRACTOR:	
MAINLINE INSPECTED BY:	
LATERALS INSPECTED BY:	
DATE COMPLETED:	
TYPE OF PIPE, A.S.T.M. NO.:	
TYPE OF PIPE, A.S.T.M. NO.:	
AS-BUILTS BY:	
DATE:	

NOTES:

- RESTORATION OF LAWNS & DITCHES SHALL BE HYDRO-SEEDING WITH EROSION MAT.
- UTILIZE PROPER TYPE & SIZE EQUIPMENT TO LIMIT DISTURBANCE OF LAWNS & DITCHES.

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Utility Engineer Date

SA. TB
ST. TB
W. TB
G. TB
E. TB
T. TB
I. TB
TS. TB
PP. TB

REVISION BY DATE

CITY OF OAK CREEK, WISCONSIN

DESIGNED BY DATE DRAWN BY DATE CHECKED BY DATE

G.V. 3/3/2017 T.B. 3/3/2017 G.V. 3/3/2017

WATER MAIN RELAY
IN: E. FOREST HILL AVE.
FR: 1020' S. OF S. HOWELL AVE.
TO: 1520' S. OF S. HOWELL AVE.

APPROVED BY

UTILITY ENGINEER DATE

APPROVED BY

CITY ENGINEER DATE

SCALE SHEET

PLAN HOR. 1"=20' 7

PROFILE HOR. 1"=20' OF

VER. 1"=5' 7

FILE NO:16101-7C-2332