

KETTLE PARK WEST - NORTH ADDITION

CITY OF STOUGHTON, DANE COUNTY, WISCONSIN

NORTHWEST 1/4, SOUTHEAST 1/4, SECTION 1, TOWNSHIP 5N, RANGE 10E

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SANITARY SEWER & WATER PLAN & PROFILES

C12.0	JACKSON STREET - STA 8+50 TO 13+50
C12.1	JACKSON STREET - STA 13+50 TO 18+75
C12.2	OAK OPENING DRIVE - STA 49+50 TO 55+00
C12.3	OAK OPENING DRIVE - STA 55+00 TO 60+25
C12.4	OAK OPENING DRIVE - STA 60+25 TO 65+50



PROJECT AREA

NOT TO SCALE



SANITARY SEWER & WATER PLAN & PROFILES CONT'D.

C12.5	ASPEN COURT & ASPEN TRAIL - STA 99+50 TO 104+50
C12.6	ASPEN TRAIL - STA 104+50 TO 109+75
C12.7	ASPEN TRAIL - STA 109+75 TO 115+50
C12.8	OSLO RUN - STA 200+00 TO 205+00
C12.9	OSLO RUN - STA 205+00 TO 205+58

STORM SEWER INLET PROFILES

C13.0	STORM SEWER INLET PROFILES
C13.1	STORM SEWER INLET PROFILES
C13.2	STORM SEWER INLET PROFILES
C13.3	STORM SEWER INLET PROFILES
C13.4	STORM SEWER INLET PROFILES
C13.5	STORM SEWER INLET PROFILES
C13.6	STORM SEWER INLET PROFILES

PROJECT CONTACTS

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CLIENT ADDRESS:

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VERONA, WI 53508

**PRELIMINARY
NOT FOR
CONSTRUCTION**

PROJECT:

KETTLE PARK WEST
NORTH ADDITION

PROJECT LOCATION:

CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

#	Date:	Description:
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:

TITLE SHEET

SHEET NUMBER:

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JSD PROJECT NO:

15-7018

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LEGEND

	SIGN		PLATTED LOT LINE
	SANITARY MANHOLE		EASEMENT LINE
	HYDRANT		EDGE OF PAVEMENT
	WATER VALVE		CONCRETE CURB & GUTTER
	STORM MANHOLE		SANITARY SEWER
	ROUND CASTED INLET		WATER LINE
	SQUARE CASTED INLET		STORM SEWER
	CURB INLET		NATURAL GAS
	ELECTRIC PEDESTAL		UNDERGROUND ELECTRIC
	ELECTRIC TRANSFORMER		INDEX CONTOUR
	LIGHT POLE		INTERMEDIATE CONTOUR
	RIGHT-OF-WAY LINE		BITUMINOUS PAVEMENT
	CENTERLINE		CONCRETE PAVEMENT
	SECTION LINE		END OF FLAGGED UTILITIES

NOTES

- FIELD WORK PERFORMED BY JSD PROFESSIONAL SERVICES, INC. ON MARCH 8, 2019.
- BEARINGS FOR THIS SURVEY AND MAP ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM, (DANE COUNTY). THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 01-05-09, RECORDED AS S87°05'45"E.
- ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). BENCHMARK IS AN ALUMINUM MONUMENT MARKING THE SOUTHEAST CORNER OF SECTION 01, T05N, R09E, ELEVATION = 913.43'
- CONTOUR INTERVAL IS ONE FOOT.
- SUBSURFACE UTILITIES AND FEATURES SHOWN ON THIS MAP HAVE BEEN APPROXIMATED BY LOCATING SURFICIAL FEATURES AND APPURTENANCES, LOCATING DIGGERS HOTLINE FIELD MARKINGS AND BY REFERENCE TO UTILITY RECORDS AND MAPS. DIGGER'S HOTLINE TICKET NO. 20191005232, WITH A CLEAR DATE OF MARCH 13, 2019.
- UTILITY COMPANIES CONTACTED THRU DIGGERS HOTLINE:
STOUGHTON UTILITIES
ALLIANT ENERGY
BEAR COMMUNICATIONS LLC
MCI
AT&T DISTRIBUTION
ALLIANT ENERGY HIGH PRESSURE SOUTH
CHARTER COMMUNICATIONS
DOT SOUTHWEST REGION-MADISON
- BEFORE EXCAVATION, APPROPRIATE UTILITY COMPANIES SHOULD BE CONTACTED. FOR EXACT LOCATION OF UNDERGROUND UTILITIES, CONTACT DIGGERS HOTLINE, AT 1.800.242.8511.
- JSD PROFESSIONAL SERVICES, INC DOES NOT GUARANTEE THAT THE BENCHMARK ELEVATIONS LISTED ON THIS MAP HAVE NOT BEEN DISTURBED SINCE THE DATE OF THIS SURVEY AND SHOULD BE VERIFIED BEFORE BEING UTILIZED.

BENCHMARKS		
BENCH MARK	ELEVATION	DESCRIPTION
BM-1	918.41	TOP NUT ON HYDRANT TO THE EAST OF FORCE MAIN LIFT STATION VAULT
BM-2	918.44	TOP NUT ON HYDRANT 230 FEET EAST OF LIFT STATION

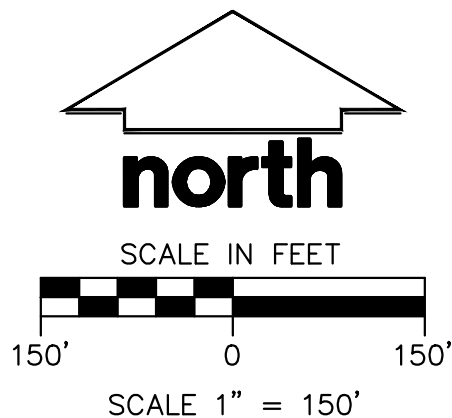
*JSD DOES NOT GUARANTEE THAT THE BENCHMARK ELEVATIONS LISTED ON THIS MAP HAVE NOT BEEN DISTURBED SINCE THE DATE OF THIS SURVEY AND SHOULD BE VERIFIED PRIOR TO CONSTRUCTION ACTIVITIES.

SANITARY SEWER MANHOLES					
STRUCT. ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
SAN-8	914.07	SE	900.94	10"	PVC
SAN-7	914.86	NW	900.43	10"	PVC
		SE	900.33	10"	PVC
SAN-6	915.63	NE	899.92	8"	PVC
		NW	899.92	10"	PVC
		E	899.72	12"	PVC
SAN-5	915.00	W	899.00	12"	PVC
		E	898.89	12"	PVC

STORM SEWER INLETS					
INLET ID	RIM ELEVATION	INVERT	ELEVATION	PIPE SIZE	PIPE TYPE
STM-1.2	913.74	NE	907.76	18"	RCP
		SW	907.76	24"	RCP
INL-1.1B	913.55	SE	909.99	12"	RCP
STM-1.1A	913.55	SE	907.52	24"	RCP
		NE	907.62	24"	RCP
STM-1	914.49	SW	901.53	48"	RCP
		NW	904.54	24"	RCP
INL-2.1	914.95	SW	903.71	24"	RCP
		NE	903.71	18"	RCP
STM-2	915.34	E	902.14	48"	RCP
		NE	904.44	24"	RCP
		SW	905.67	12"	RCP
		NW	902.04	48"	RCP
STM-3	914.62	E	902.36	48"	RCP
		W	902.26	48"	RCP

WATER VALVES			
VALVE No.	RIM ELEVATION	INVERT	ELEVATION
WV-28	914.72	TN	908.7
WV-29	914.77	TN	909.4
WV-30	914.95	TN	909.7
WV-33	915.04	TN	910.1
WV-34	915.15	TN	910.4

TN=TOP NUT OF WATER VALVE



BEARINGS ARE REFERENCED TO THE WISCONSIN COUNTY COORDINATE SYSTEM (DANE COUNTY). THE NORTH LINE OF THE SOUTHEAST QUARTER OF SECTION 01-05-10, BEARS S86°41'54"E.



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CLIENT ADDRESS:

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CONSTRUCTION**



Toll Free (800) 242-8511

PROJECT:

**KETTLE PARK WEST
PHASE II**

PROJECT LOCATION:

**CITY OF STOUGHTON, WI
DANE COUNTY**

PLAN MODIFICATIONS:

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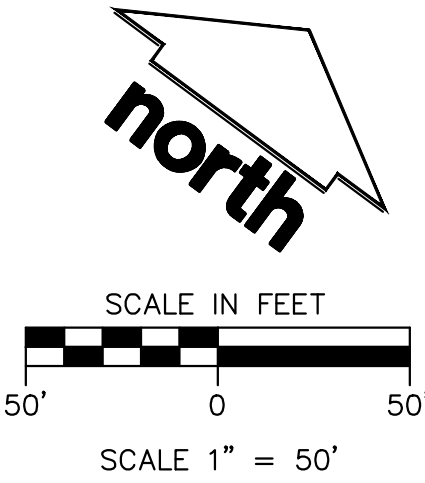
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JSD PROJECT NO:

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DANE COUNTY**

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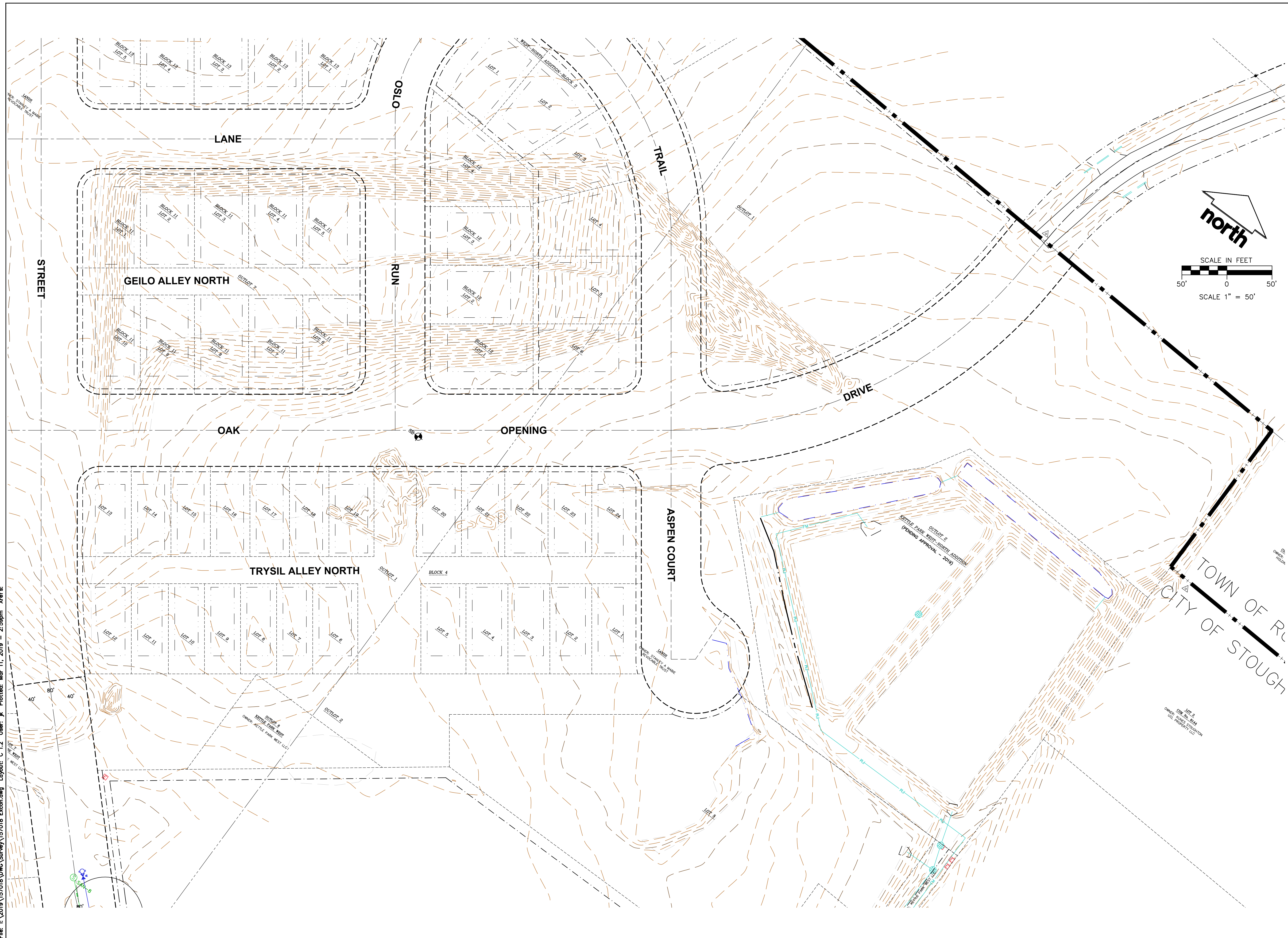
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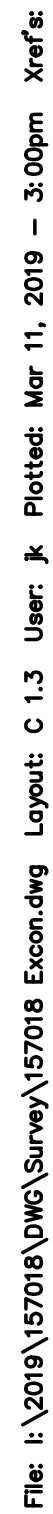
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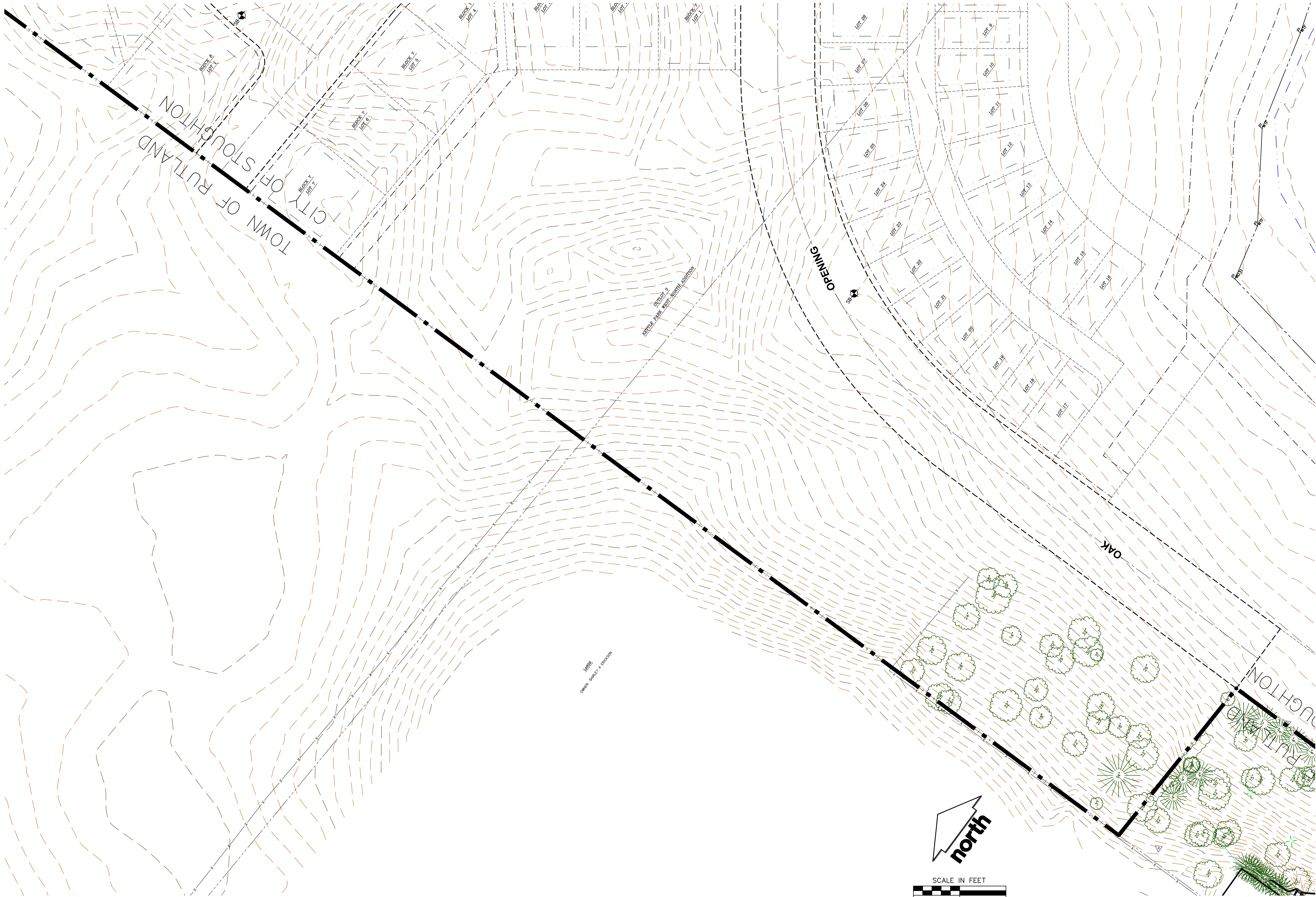
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KETTLE PARK WEST
PHASE II

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

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JSD PROJECT NO:

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GENERAL NOTES

1. WORK UNDER THIS CONTRACT IS CALLED "KETTLE PARK WEST NORTH ADDITION." THE OWNER MAY AWARD A SEPARATE CONCURRENT CONTRACTS FOR OTHER IMPROVEMENTS.
2. THE CONTRACTORS SHALL SUBMIT CONSTRUCTION SCHEDULES TO THE OWNER THAT WILL BE COORDINATED TO MINIMIZE INTERRUPTION OF EACH OTHERS WORK.
3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF STOUGHTON AND DANE COUNTY ORDINANCES, WDNr, WISDOT STANDARDS AND APPLICABLE REGULATIONS.
4. RESPONSIBILITIES

THE CONTRACTOR IS RESPONSIBLE FOR:

- MASS GRADING OF THE SITE INCLUDING CLEARING AND GRUBBING, STRIPPING OF TOP SOIL, EXCAVATIONS AND FILLS REQUIRED TO MEET PLAN GRADE, PLACEMENT OF ANY BORROW MATERIAL, COMPACTION OF FILLS, EXCAVATION OF STORM WATER MANAGEMENT FACILITIES TO THE GRADES SHOWN IN THE DRAWINGS AND PLACING TOPSOIL WHERE SHOWN IN THE DRAWINGS.
- MAINTENANCE OF PERIMETER EROSION CONTROL FOLLOWING ITS INITIAL INSTALLATION UNTIL THE PROJECT IS ACCEPTED AND THE EROSION CONTROL MEASURES HAVE BEEN INSPECTED AND TURNED OVER TO THE OWNER. INSTALLATION, MAINTENANCE AND REMOVAL OF INTERNAL EROSION CONTROL MEASURES REQUIRED BY THE OPERATIONS INCLUDING BUT NOT LIMITED TO DITCH CHECKS, DIVERSION BERMS, TEMPORARY SEDIMENTATION BASINS, AND STONE TRACKING PADS.
- INSTALLATION AND MAINTENANCE OF TRAFFIC CONTROL.
- CONSTRUCTION OF PUBLIC IMPROVEMENTS INCLUDING SANITARY SEWER, WATER MAINS, STORM SEWERS, CURB AND GUTTER, PAVEMENT AND OTHER ASSOCIATED IMPROVEMENTS AS SHOWN IN THE DRAWINGS.
- MEETING CONSTRUCTION STANDARDS FOR THE CITY OF STOUGHTON, TOWN OF RUTLAND, AND STATE OF WISCONSIN DEPARTMENTS OF TRANSPORTATION AND NATURAL RESOURCES, RESULTING IN ACCEPTANCE OF THE IMPROVEMENTS BY THE DEVELOPER AND/OR THE CITY OF STOUGHTON.
- INSTALLATION, MAINTENANCE AND REMOVAL INTERNAL OF EROSION CONTROL MEASURES FOR THE CONSTRUCTION OF INFRASTRUCTURE AND PAVEMENT IMPROVEMENTS.
- EXPANSION OF DETENTION AND INFILTRATION BASINS INCLUDING THE INSTALLATION OF SELECT MATERIALS AND ENGINEERED SOILS, PLACEMENT AND COMPACTION OF CLAY LINERS, FINE GRADING, SEEDING, PLANTING, PIPING AND OTHER IMPROVEMENTS SHOWN IN THE DRAWINGS.

THE LOT DEVELOPER(S) ARE RESPONSIBLE FOR:

- UPON ACCEPTANCE OF A LOT, DEVELOPER WILL BE RESPONSIBLE FOR THE INSTALLATION, MAINTENANCE AND REMOVAL OF EROSION CONTROLS FOR THE LOT INCLUDING BUT NOT LIMITED TO DITCH CHECKS, TEMPORARY SEDIMENT BASINS, SILT FENCE, AND TRACKING PADS.
- UPON ACCEPTANCE OF IMPROVEMENTS ON LOT, THE LOT CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGE TO THOSE IMPROVEMENTS.
- CONSTRUCTION OF COMMON IMPROVEMENTS SUCH AS WALKS AS REQUIRED BY THE DEVELOPMENT AGREEMENTS.
- THE DEVELOPER(S) OF LOTS ARE RESPONSIBLE FOR ALL PERMIT, FEES, AND APPROVALS REQUIRED FOR THE COMPLETE DEVELOPMENT OF LOT FOR ITS INTENDED USE.

GENERAL EROSION AND SEDIMENT CONTROL NOTES

1. POTENTIAL POLLUTANT SOURCES

GIVEN THE PROPOSED ACTIVITY ON THE PROJECT SITE, THE PRIMARY POTENTIAL POLLUTANT SOURCE ASSOCIATED WITH THIS CONSTRUCTION PROJECT IS SOIL EROSION AND TRANSPORTATION. ADDITIONAL POTENTIAL SOURCES OF POLLUTION MAY INCLUDE: FUEL TANKS, WASTE CONTAINERS, OIL OR OTHER PETROLEUM PRODUCTS, DETERGENTS, PAINTS, CONSTRUCTION DEBRIS, CONCRETE WASHOUT AREAS, SANITARY STATIONS, FERTILIZERS, AND DUST.

2. EROSION AND SEDIMENT CONTROL IMPLEMENTATION

THE FOLLOWING ARE DESCRIPTIONS OF THE EROSION AND SEDIMENT CONTROL PRACTICES THAT SHALL BE IMPLEMENTED DURING CONSTRUCTION OF THIS PROJECT. IN ADDITION TO THESE MEASURES, CONTRACTOR SHALL DISTURB ONLY AREAS NECESSARY TO COMPLETE THE CONSTRUCTION PROJECT. ALL PRACTICES SHALL BE CONDUCTED IN ACCORDANCE WITH THE BEST MANAGEMENT PRACTICES (BMP).

- 2.1 CONSTRUCTION AND EROSION CONTROL SEQUENCING

CONSTRUCTION SEQUENCING SHALL BE USED AS A MEANS OF CONTROLLING EROSION AND LIMITING SEDIMENT TRANSPORT. SEQUENCING LISTED BELOW IS GENERAL IN NATURE AND MAY VARY DEPENDING ON WEATHER CONDITIONS, CONSTRUCTION PHASING AND OTHER FACTORS. THE PRIVATE IMPROVEMENTS CONTRACTOR SHALL SUBMIT A DETAILED SITE SEQUENCING PLAN TO THE ENGINEER AND THE CITY OF STOUGHTON A MINIMUM OF FIVE (5) DAYS PRIOR TO THE START OF ANY WORK. THE PUBLIC IMPROVEMENTS CONTRACTOR AND OTHER LOTS SHALL SUBMIT DETAILED SEQUENCING PLANS FOR THEIR CONSTRUCTION AREAS A MINIMUM OF FIVE (5) DAYS PRIOR TO THE START OF WORK. THESE INDIVIDUAL PLANS SHALL BE COORDINATED WITH THE PRIVATE CONTRACTOR'S SEQUENCING PLANS AND THE PRIVATE CONTRACTOR SHALL UPDATE THEIR PLANS ACCORDINGLY.

- A. INSTALL TEMPORARY CONSTRUCTION ENTRANCES, INLET PROTECTION ON EXISTING STORM SEWERS AND CULVERTS, AND PERIMETER SILT FENCING.
- B. INSTALL PERIMETER SILT FENCING AROUND STOCKPILE AREAS. TEMPORARY BERMING USING INITIAL TOPSOIL STRIPPED SHALL BE INSTALLED ALONG SILT FENCES TO PREVENT DIRECT RUNOFF, LIMITING DISTURBED FILTERS AND OTHER BMPS.
- C. INSTALL ADDITIONAL SILT FENCE, STONE CHECK DAMS/FILTERS AND OTHER BMPS TO PROTECT CRITICAL RESOURCES INCLUDING WETLANDS, WATERS OF THE STATE AND PUBLIC RIGHTS OF WAY AS NECESSARY OR SHOWN ON THE DRAWINGS.
- D. STRIP TOPSOIL IN AREAS OF THE TEMPORARY DETENTION BASIN AND OTHER TEMPORARY SEDIMENTATION BASINS REQUIRED BY THE CONSTRUCTION SEQUENCING TO PREVENT SEDIMENT DISCHARGES. ROUGH GRADE BASINS AND COORDINATE WITH PUBLIC CONTRACTOR AS REQUIRED TO INSTALL PERMANENT DISCHARGE PIPING. INSTALL TEMPORARY CONTROL DEVICES AND BMPS FOR OUTLET STRUCTURES.
- E. STRIP REMAINING TOPSOIL AND CONSTRUCT REMAINDER OF DIVERSION BERMING. STRIPPING TOPSOIL SHALL NOT BE STARTED UNTIL DOWNSTREAM EROSION CONTROL MEASURES ARE IN PLACE.
- F. CONDUCT ROUGH GRADING OPERATIONS AND UTILITY PIPING INSTALLATION ONCE DOWNSTREAM EROSION CONTROL MEASURES ARE IN PLACE. INSTALL DITCH CHECKS, INLET PROTECTION AND OTHER BMPS IMMEDIATELY UPON GRADING DITCHES, INSTALLING INLETS/MANHOLES, CULVERTS OR OTHER IMPROVEMENTS.
- G. FINE GRADE SUBGRADE SOILS WITHIN ROADWAY LIMITS. INSTALL BASE MATERIAL AS SOON AS POSSIBLE.
- H. FINE GRADE LOTS AND OTHER DISTURBED AREAS; SEED AND MULCH AS SOON AS POSSIBLE.
- I. ONCE UPLAND AREAS ARE STABILIZED, FINE GRADE DITCHES AND INSTALL CONTROL MEASURES INCLUDING SEEDING AND MATTING.
- J. UPON STABILIZATION OF UPLANDS AREAS, REMOVE TEMPORARY EROSION CONTROL MEASURES, SEED AND MULCH AND INSTALL BMP PROTECTION AS REQUIRED.
- K. REMOVE REMAINING MEASURE ONCE UPLAND AREAS ARE STABILIZED WITH A MINIMUM OF 70% OF VEGETATED COVER AND/OR FINAL PAVING.

THE PUBLIC IMPROVEMENTS AND INDIVIDUAL LOT SEQUENCING SHALL BE COORDINATED WITH AND INCORPORATED INTO THE PRIVATE IMPROVEMENTS SEQUENCING PLAN. UPON FINAL ACCEPTANCE OF ALL PRIVATE IMPROVEMENTS INCLUDING FINAL STABILIZATION OF THE SITE, THE PUBLIC IMPROVEMENTS CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR REMAINING EROSION CONTROL SEQUENCING.

INSPECTIONS SHALL BE COMPLETED WITHIN TWENTY-FOUR (24) HOURS OF THE END OF A RAINFALL EVENT THAT IS ONE-HALF INCH OR GREATER OR EQUIVALENT SNOWFALL, OR AT A MINIMUM ONCE EVERY SEVEN (7) CALENDAR DAYS. INSPECTIONS SHALL BE UNDERTAKEN BY QUALIFIED PERSONNEL PROVIDED BY THE CONTRACTOR, AND SHALL INCLUDE: DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. AN EROSION CONTROL INSPECTION REPORT SHALL BE COMPLETED AND ADDED TO THE PROJECT RECORDS. RAINFALL SHALL BE RECORDED ON THE RAINFALL LOG. CONTRACTOR SHALL IMMEDIATELY ARRANGE FOR REPAIR OR REPLACEMENT OF ANY DAMAGED OR DEFICIENT CONTROL MEASURES OBSERVED DURING THE INSPECTION.

QUALIFIED PERSONNEL MEANS A PERSON KNOWLEDGEABLE IN THE PRINCIPLES AND PRACTICES OF EROSION AND SEDIMENT CONTROL MEASURES, SUCH AS A LICENSED PROFESSIONAL ENGINEER, A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL, A CERTIFIED EROSION SEDIMENT OR STORMWATER INSPECTOR, OR OTHER TRAINED INDIVIDUAL.

- 2.2 STABILIZATION PRACTICES

STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. NO MORE THAN SEVEN (7) DAYS SHALL PASS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS PERMANENTLY CEASED UNLESS:

- A. THE INITIATION OF STABILIZATION MEASURES BY THE SEVENTH (7) DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASE IS PRECLUDED BY SNOW COVER. IN THAT EVENT, STABILIZATION MEASURE SHALL BE INITIATED AS SOON AS PRACTICABLE.
- B. CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN

FOURTEEN (14) DAYS FROM WHEN ACTIVITIES CEASED, (I.E. THE TOTAL TIME PERIOD THAT THE CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN FOURTEEN (14) DAYS). IN THAT EVENT, STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE SEVENTH (7) DAY AFTER CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED.

STABILIZATION MEASURES SHALL BE DETERMINED BASED ON SITE CONDITIONS AT THE TIME CONSTRUCTION ACTIVITY HAS CEASED, INCLUDING BUT NOT LIMITED TO WEATHER CONDITIONS AND LENGTH OF TIME MEASURE MUST BE EFFECTIVE. THE FOLLOWING ARE ACCEPTABLE STABILIZATION MEASURES.

- PERMANENT SEEDING; IN ACCORDANCE WITH APPROVED CONSTRUCTION SPECIFICATIONS.
- TEMPORARY SEEDING MAY CONSIST OF SPRING OATS (100LBS/ACRE) AND/OR WHEAT OR CEREAL RYE (150LBS/ACRE)
- HYDRO-MULCHING WITH A TACKIFIER
- GEOTEXTILE EROSION MATTING
- SODDING

- 2.3 STRUCTURAL PRACTICES

THE FOLLOWING ARE DESCRIPTIONS OF STRUCTURAL PRACTICES TO BE IMPLEMENTED TO DIVERT FLOWS FROM EXPOSED SOILS, STORE FLOWS, OR OTHERWISE LIMIT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE INCLUDING THE PROPOSED AND EXISTING WETLAND AREAS. SUCH PRACTICES COULD INCLUDE SILT FENCE, CONSTRUCTION FENCE, CONSTRUCTION ENTRANCE, DITCH CHECK, EROSION CONTROL MATTING, DIVERSION BERM/SWALE, SEDIMENT TRAP, LEVEL SPREADER, INLET PROTECTION, OUTLET PROTECTION, AND TEMPORARY OR PERMANENT SEDIMENT BASIN. THE FOLLOWING STRUCTURAL PRACTICES ARE TO BE UTILIZED DURING THIS PROJECT.

- SILT FENCE SHALL BE PLACED DOWN SLOPE OF DISTURBED AREAS OF THE CONSTRUCTION SITE AND AROUND THE PERIMETER OF THE TOPSOIL STOCKPILE. THIS INCLUDES PROTECTION OF EXISTING WETLAND AREAS TO BE MAINTAINED. SILT FENCE MAY ALSO BE USED AS A TEMPORARY CONTROL DEVICE WHERE SEDIMENTATION RUNOFF IS DISCOVERED.
- CONSTRUCTION ENTRANCE SHALL BE INSTALLED TO REDUCE SOIL EROSION POLLUTANTS FROM LEAVING THE SITE DURING CONSTRUCTION ACTIVITIES. IF THE CRUSHED STONE DOES NOT ADEQUATELY REMOVE MUD FROM VEHICLE TIRES, THEY SHALL BE HOSED OFF BEFORE ENTERING A PAVED ROADWAY. ANY SOIL DEPOSITED ON THE PUBLIC PAVED ROAD WAY SHALL BE REMOVED IMMEDIATELY.
- DITCH CHECK (STRAW BALES) SHALL BE INSTALLED IN DRAINAGE CHANNELS AS NEEDED.
- EROSION CONTROL MATTING SHALL BE PLACED ON AREAS OR EMBANKMENTS HAVING SLOPES GREATER THAN OR EQUAL TO 3H:1V, BEFORE VEGETATION IS ESTABLISHED.
- DIVERSION BERM/SWALE SHALL BE CONSTRUCTED TO DIVERT RUNON AROUND THE SITE AND TO DIVERT RUNOFF FROM THE DISTURBED AREA TO A SEDIMENT TRAP OR OTHER CONTROL. BERMS/SWALES SHALL BE STABILIZED WITH EROSION MATTING.
- SEDIMENT TRAPS/BASIN SHALL BE CONSTRUCTED TO COLLECT RUNON AND RUNOFF FROM SITE DIVERSION BERMS/SWALES.
- LEVEL SPREADER SHALL BE CONSTRUCTED TO DIFFUSE CONCENTRATED FLOWS.
- INLET PROTECTION SHALL BE INSTALLED AT STORM WATER DRAINAGE INLETS TO REDUCE SEDIMENT WITHIN STORM SEWER CONVEYANCE FEATURES.
- OUTLET PROTECTION SHALL BE INSTALLED AT STORM WATER DRAINAGE OUTLETS TO DIFFUSE FLOWS.

3. ADDITIONAL PRACTICES

ADDITIONAL POLLUTANT CONTROL MEASURES TO BE IMPLEMENTED DURING CONSTRUCTION ACTIVITIES SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING.

- CONSTRUCTION WASTE SHALL BE PROPERLY DISPOSED OF. THIS INCLUDES ALL CONSTRUCTION SITE WASTE MATERIAL, SANITARY WASTE, AND WASTE FROM VEHICLE TRACKING OF SEDIMENTS. THE CONTRACTOR SHALL ENSURE THAT NO MATERIAL WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURIED, DUMPED, BURNED, OR DISCHARGED TO THE WATERS OF THE STATE. VEHICLES HAULING MATERIAL AWAY FROM THE SITE SHALL BE COVERED WITH A TARPULIN TO PREVENT BLOWING DEBRIS.
- DUST CONTROL SHALL BE ACCOMPLISHED BY ONE OR MORE OF THE FOLLOWING METHODS:
 - A. COVERING 30% OR MORE OF THE SOIL SURFACE WITH A NON-ERODIBLE MATERIAL.
 - B. ROUGHENING THE SOIL TO PRODUCE RIDGES PERPENDICULAR TO THE PREVAILING WIND. RIDGES SHALL BE AT LEAST SIX (6) INCHES IN HEIGHT.
 - C. FREQUENT WATERING OF EXCAVATION AND FILL AREAS.
 - D. PROVIDING GRAVEL OR PAVING AT ENTRANCE/EXIT DRIVES, PARKING AREAS AND TRANSIT PATHS.
- STREET SWEEPING SHALL BE PERFORMED TO IMMEDIATELY REMOVE ANY SEDIMENT TRACKED ON PAVEMENTS.

4. EROSION AND SEDIMENT STRUCTURAL PRACTICE MAINTENANCE

THE FOLLOWING MAINTENANCE PRACTICES SHALL BE USED TO MAINTAIN, IN GOOD AND EFFECTIVE OPERATING CONDITIONS, VEGETATION, EROSION AND SEDIMENT CONTROL MEASURES, AND OTHER PROTECTIVE MEASURES IDENTIFIED IN THIS PLAN. UPON IDENTIFICATION, DEFICIENCIES IN STORMWATER CONTROLS SHALL BE ADDRESSED IMMEDIATELY. THE MAINTENANCE PROCEDURES FOR THIS DEVELOPMENT SHALL INCLUDE, BUT NOT BE LIMITED TO THE BELOW.

- SILT FENCE – REPAIR OR REPLACE ANY DAMAGED FILTER FABRIC AND/OR STAKES. REMOVE ACCUMULATED SEDIMENT WHEN IT HAS REACHED ONE-HALF THE ABOVE GROUND HEIGHT OF THE FENCE.
- CONSTRUCTION ENTRANCE – AS NEEDED, ADD STONE TO MAINTAIN CONSTRUCTION ENTRANCE DIMENSIONS AND EFFECTIVENESS.
- DITCH CHECK (STRAW BALES) – RE-SECURE STAKES; ADJUST OR REPOSITION BALES TO ADDRESS PROPER FLOW OF STORMWATER; AND REMOVE ACCUMULATED SEDIMENT WHEN IT HAS REACHED ONE-HALF THE HEIGHT OF THE BALE.
- EROSION CONTROL MATTING – REPAIR MATTING IMMEDIATELY IF INSPECTION REVEALS BREACHED OR FAILED CONDITIONS. REPAIR AND RE-GRADE SOIL WHERE CHANNELIZATION HAS OCCURRED.
- DIVERSION BERM/SWALE – REPLACE OR RE-COMPACT THE CONSTRUCTION MATERIALS AS NECESSARY.
- SEDIMENT TRAP – REMOVE AND DISPOSE OF THE ACCUMULATED SEDIMENT WHEN IT HAS REACHED THE SEDIMENT STORAGE ELEVATION.
- LEVEL SPREADER – CLEAN, REPAIR OR REPLACE FILTER FABRIC, TURF REINFORCEMENT MATTING AND/OR STONE WHEN CONTROL MEASURE IS ONE-HALF FULL OF SEDIMENT.
- INLET PROTECTION – CLEAN, REPAIR OR REPLACE FILTER FABRIC AND/OR STONE WHEN CONTROL MEASURE IS CLOGGED. INLET FILTER BAGS SHALL BE REPLACED ONCE ONE-HALF FULL OF SEDIMENT.
- OUTLET PROTECTION – CLEAN, REPAIR OR REPLACE FILTER FABRIC, TURF REINFORCEMENT MATTING AND/OR STONE WHEN CONTROL MEASURE IS ONE-HALF FULL OF SEDIMENT.

- SEDIMENT BASIN – AT THE END OF CONSTRUCTION, CONTRACTOR SHALL REMOVE AND DISPOSE OF THE ACCUMULATED SEDIMENT AND RESTORE BASIN TO ORIGINAL DESIGN.
- POLYMER APPLICATION – AS APPROPRIATE AND WHERE APPROVED BY THE ENGINEER AND MUNICIPALITY, POLYMERS MAY BE APPLIED TO PROVIDE SEDIMENT CONTROL.

5. INSPECTION

INSPECTIONS SHALL BE COMPLETED WITHIN TWENTY-FOUR (24) HOURS OF THE END OF A RAINFALL EVENT THAT IS ONE-HALF INCH OR GREATER OR EQUIVALENT SNOWFALL, OR AT A MINIMUM ONCE EVERY SEVEN (7) CALENDAR DAYS. INSPECTIONS SHALL BE UNDERTAKEN BY QUALIFIED PERSONNEL PROVIDED BY THE CONTRACTOR, AND SHALL INCLUDE: DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. AN EROSION CONTROL INSPECTION REPORT SHALL BE COMPLETED AND ADDED TO THE PROJECT RECORDS. RAINFALL SHALL BE RECORDED ON THE RAINFALL LOG. CONTRACTOR SHALL IMMEDIATELY ARRANGE FOR REPAIR OR REPLACEMENT OF ANY DAMAGED OR DEFICIENT CONTROL MEASURES OBSERVED DURING THE INSPECTION.

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6. RESPONSIBILITY

THE PRIVATE IMPROVEMENTS CONTRACTOR WILL BE RESPONSIBLE FOR THE INITIAL INSTALLATION OF EROSION CONTROL AND CONSTRUCTION ENTRANCES FOR THE SITE. THE PRIVATE IMPROVEMENTS CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF PERIMETER EROSION CONTROL MEASURES ON THE SITE, THE INSTALLATION AND MAINTENANCE OF ALL STORMWATER EROSION CONTROL MEASURES WITHIN THE PERIMETER TO MEET WDNr TECHNICAL STANDARDS. THE MEASURES INCLUDE, BUT ARE NOT LIMITED TO: DITCH CHECKS, TEMPORARY SEDIMENT BASIN, APPLICATION OF TACKIFIERS.

THE PUBLIC IMPROVEMENTS CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLATION OF ADDITIONAL CONSTRUCTION ENTRANCES REQUIRED TO COMPLETE THIS WORK, MAINTENANCE OF EROSION CONTROL MEASURES UNTIL THE MASS GRADING HAS BEEN ACCEPTED BY THE OWNER. THE PRIVATE IMPROVEMENTS CONTRACTOR SHALL CONDUCT AN INSPECTION OF THE EROSION CONTROL MEASURES WITH THE OWNER AND REPRESENTATIVE OF THE PUBLIC IMPROVEMENTS CONTRACTOR. UPON CORRECTION OF ANY DEFICIENCIES NOTED AND ACCEPTANCE BY THE OWNER, THE PUBLIC IMPROVEMENTS CONTRACTOR WILL ASSUME MAINTENANCE RESPONSIBILITY FOR EROSION CONTROL.

GENERAL GRADING NOTES

1. THE CONTRACTOR SHALL VERIFY ALL GRADES, MAKE SURE ALL AREAS DRAIN PROPERLY AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER OF RECORD PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITIES.
2. ALL PROPOSED GRADES SHOWN ARE FINISHED GRADES OF MASS GRADING. PAVEMENT GRADES, DRIVEWAY GRADES AND PARKING LOT GRADES ARE PAVEMENT GRADES, NOT TOP OF CURB GRADES, UNLESS OTHERWISE NOTED.
3. THE CONTRACTOR SHALL OBTAIN ANY NECESSARY PERMITS FOR WORK WITHIN THE RIGHT OF WAY OF JACKSON STREET.
4. THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE COMPUTATIONS OF ALL GRADING QUANTITIES, WHILE JSD ATTEMPTS TO PROVIDE A COST EFFECTIVE APPROACH TO BALANCING EARTHWORK, GRADING DESIGN AND SEQUENCING IS BASED ON MANY FACTORS, INCLUDING SAFETY, AESTHETICS, AND COMMON ENGINEERING STANDARD OF CARE. THEREFORE NO GUARANTEE CAN BE MADE FOR A BALANCED SITE.

POND DEWATERING

1. DEWATERING FROM THE STORMWATER DETENTION POND OR ANY OTHER CONSTRUCTION NOT DRAINING INTO STORMWATER TREATMENT POND SHALL BE PUMPED THROUGH A TYPE II GEOTEXTILE FILTER BAG IN ACCORDANCE WITH WDNr TECHNICAL STANDARD 1061. INSTALL BAGS PER WDNr TECHNICAL STANDARD 1061.
2. MAXIMUM PUMPING RATE ALLOWED FOR DEWATERING IS 250 GPM FROM A 3-INCH PUMP. HIGHER RATES REQUIRE LARGER AND/OR MULTIPLE GEOTEXTILE FILTER BAGS. CONTACT ENGINEER IF ADDITIONAL PUMP RATE IS REQUIRED.
3. CONTRACTOR TO INSPECT DEVICES AT START AND END OF WORKING DAY AND REPAIR DEVICES AS NEEDED TO MAINTAIN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPS SHOULD BE PROACTIVE, NOT REACTIVE.
4. SEDIMENT SHALL BE REMOVED FROM DEVICES TO MAINTAIN EFFECTIVENESS. ALL SEDIMENT COLLECTED IN DEWATERING DEVICES SHALL BE PROPERLY DISPOSED OF TO PREVENT SEDIMENT DISCHARGE TO WETLANDS/WATERS OF THE STATE OF WISCONSIN.

CONSTRUCTION SEQUENCE

THE FOLLOWING IS THE ANTICIPATED CONSTRUCTION SEQUENCE. THE CONTRACTOR SHALL PROVIDE A DETAILED CONSTRUCTION SEQUENCE AT THE PRECONSTRUCTION CONFERENCE FOR APPROVAL BY THE CITY OF STOUGHTON AND THE OWNER.

1. INSTALLATION OF PERIMETER EROSION MEASURES AND TRACKING PADS. CONSTRUCTION OF TEMPORARY EROSION CONTROL MEASURES.
2. MASS GRADING AND BASIN EXCAVATION
3. INSTALLATION OF SANITARY SEWERS, WATER MAINS, AND STORM SEWER. INSTALLATION OF OTHER UNDERGROUND UTILITIES BY THE CONTRACTOR OR OTHERS.
4. FINISH GRADING, SUBGRADE PREPARATION AND TOP SOIL PLACEMENT.
5. BASE PLACEMENT, CONCRETE CURB AND GUTTER INSTALLATION, PAVING, CONCRETE SIDEWALK INSTALLATION, AND OTHER SURFACE IMPROVEMENT CONSTRUCTION.
6. FINAL CONSTRUCTION OF PERMANENT STORMWATER MANAGEMENT AND TREATMENT FACILITIES.
7. REMOVAL OF TEMPORARY EROSION CONTROL MEASURES AND FINAL RESTORATION.



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VERONA, WI 53508

PRELIMINARY
NOT FOR
CONSTRUCTION

PROJECT:

KETTLE PARK WEST
NORTH ADDITION

PROJECT LOCATION:

CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

#	Date:	Description:
1	03.12.19	FINAL PLAT
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Design/Drawn: EWO/CHG/MS/ICLH
Approved: WHD/TAT

SHEET TITLE:

GENERAL NOTES

SHEET NUMBER:

C2.0

JSD PROJECT NO:

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GENERAL UTILITY NOTES

1. REFER TO THE CITY OF STOUGHTON STANDARD CONSTRUCTION SPECIFICATIONS.
2. DIMENSIONS TAKE PRECEDENCE OVER SCALE. CONTRACTOR TO VERIFY ALL DIMENSIONS IN FIELD.
3. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
4. LENGTHS OF ALL UTILITIES ARE TO CENTER OF STRUCTURES OR FITTINGS AND MAY VARY SLIGHTLY FROM PLAN. LENGTHS SHALL BE VERIFIED IN THE FIELD DURING CONSTRUCTION.
5. THE CONTRACTOR SHALL INSTALL A PEDESTRIAN FENCE AROUND ALL EXCAVATIONS TO BE LEFT OPEN OVER NIGHT AS REQUIRED.
6. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH ENGINEERING PLANS DESIGNED TO MEET ORDINANCES AND REQUIREMENTS OF THE MUNICIPALITY, WISDOT, AND WDNR.
7. PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR:

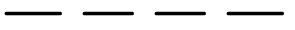
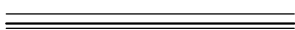
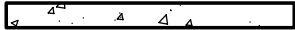
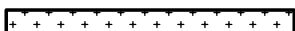
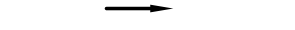
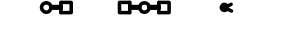
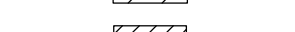
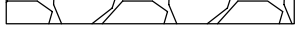
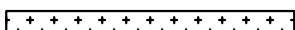
* EXAMINING ALL SITE CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION.

* VERIFYING UTILITY ELEVATIONS AND NOTIFYING ENGINEER OF ANY DISCREPANCY. NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCY IS RESOLVED.

* NOTIFYING ALL UTILITIES PRIOR TO THE INSTALLATION OF ANY UNDERGROUND IMPROVEMENTS.

* NOTIFYING THE DESIGN ENGINEER AND MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION OBSERVATION.
8. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE ENGINEER WITH AS-BUILT CONDITIONS OF THE DESIGNATED IMPROVEMENTS IN ORDER THAT THE APPROPRIATE DRAWINGS CAN BE PREPARED WITHIN 30 DAYS OF SUBSTANTIAL COMPLETION AND PRIOR FINAL PAYMENT, WHICH EVER IN SOONER. ANY CHANGES TO THE DRAWINGS OR ADDITIONAL ITEMS MUST BE REPORTED TO THE ENGINEER AS WORK PROGRESSES.
9. THE PRIME CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION WITH OTHER CONTRACTORS INVOLVED WITH CONSTRUCTION OF THE PROPOSED DEVELOPMENT AND FOR REPORTING ANY ERRORS OR DISCREPANCIES BETWEEN THESE PLANS AND PLANS PREPARED BY OTHERS.
10. ANY SANITARY SEWER, SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
11. CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF IMPROVEMENTS.
12. CONTRACTOR SHALL NOTIFY THE CITY OF STOUGHTON UTILITIES A MINIMUM OF 48 HOURS BEFORE CONNECTING TO PUBLIC UTILITIES.
13. WATER SERVICE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. CONTRACTOR TO FIELD VERIFY LOCATION AND SIZE. REPORT DISCREPANCIES TO ENGINEER PRIOR TO CONSTRUCTION. CONSTRUCTION TO BE IN ACCORDANCE WITH THE CITY OF STOUGHTON STANDARD CONSTRUCTION SPECIFICATIONS.
14. DEWATERING, IF APPLICABLE, SHALL BE CONDUCTED PER WDNR STORM WATER MANAGEMENT TECHNICAL STANDARD 1061.
15. ALL WORK WITHIN THE RIGHT-OF-WAY SHALL BE INSTALLED PER CITY OF STOUGHTON STANDARD CONSTRUCTION SPECIFICATIONS.
16. THE CONTRACTOR SHALL COORDINATE WITH THE ELECTRIC UTILITY TO ESTABLISH SERVICES TO THE PUMP STATION AND INFILTRATION CONTROL PANEL AND PAY ANY FEES TO SERVICE INITIATION.
17. ALL PRIVATE SANITARY BUILDING PIPE AND TUBING SHALL CONFORM TO SPS 384.30-2.
18. ALL PRIVATE STORM BUILDING PIPE AND TUBING SHALL CONFORM TO SPS 384.30-3.
19. ALL PRIVATE PIPE AND TUBING FOR WATER SERVICE SHALL CONFORM TO SPS 384.30-4.
20. ALL PRIVATE STORM PIPE SHALL CONFORM TO SPS 382.40(B)(B)4.A.
21. ALL PRIVATE PIPE SHALL BE INSTALLED PER SPS 382.40-8 INCLUDING AT LEAST 8' OF HORIZONTAL DISTANCE BETWEEN WATER PIPING AND SANITARY SEWER FROM CENTER OF PIPE TO CENTER OF PIPE AND 6' OF SEPARATION BETWEEN STORM SEWER AND WATER PIPING.
22. ALL LOCATIONS WHERE STORM SEWER AND WATER MAIN ARE CROSSING AND LESS THAN 3 FEET OF VERTICAL/HORIZONTAL SEPERATION IS PROVIDED, WATER MAIN SHALL BE INSULATED PER STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN LATEST EDITION. INSULATION SHALL CREATE A "BOX" ENCLOSING THE TOP AND SIDES OF WATER MAIN.
23. UTILITY SERVICES SHALL EXTEND A MINIMUM OF 10' INTO THE LOT.
24. SERVICES SHALL BE MARKED WITH 4"x4" WOOD POSTS. WATER SERVICES SHALL BE COLORED - BLUE, SANITARY - GREEN, AND STORM SEWER - GREEN.

LEGEND

- PROPERTY LINE
- RIGHT-OF-WAY
- EASEMENT LINE
- BUILDING OUTLINE
- BUILDING OVERHANG
- BUILDING SETBACK LINE
- PAVEMENT SETBACK LINE
- EDGE OF PAVEMENT
- STANDARD CURB AND GUTTER
- REJECT CURB AND GUTTER
- MOUNTABLE CURB AND GUTTER
- 8" CONCRETE RIBBON CURB
- ASPHALT PAVEMENT
- HEAVY DUTY ASPHALT PAVEMENT
- ASPHALT PAVEMENT
- HEAVY DUTY CONCRETE PAVEMENT
- PROPOSED 1 FOOT CONTOUR
- PROPOSED 5 FOOT CONTOUR
- EXISTING 1 FOOT CONTOUR
- EXISTING 5 FOOT CONTOUR
- DRAINAGE DIRECTION
- GRADE BREAK
- STORMWATER MANAGEMENT AREA
- RETAINING WALL
- BOULDER WALL
- RAILING
- FENCE
- LIGHT POLE (REFER TO PHOTOMETRIC PLAN)
- ADA PARKING SIGN
- FLAG POLE
- BOLLARD
- BOLLARD WITH ADA PARKING SIGN
- BIKE RACK
- TREE REMOVAL
- SHRUB REMOVAL
- SAWCUT EXISTING PAVEMENT
- SANITARY SEWER
- WATERMAIN
- STORM SEWER
- FUTURE SANITARY SEWER
- FUTURE WATERMAIN
- FUTURE STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATERMAIN
- EXISTING STORM SEWER
- 8'x4'x4" INSULATION (PLAN VIEW)
- 8'x4'x4" INSULATION (PROFILE VIEW)
- SILT FENCE
- RIP-RAP
- CONSTRUCTION ENTRANCE
- EROSION MATTING
- TURF REINFORCEMENT MATTING
- SPOT ELEVATION
- EP - EDGE OF PAVEMENT
- FG - FINISH GRADE
- EC - EDGE OF CONCRETE
- BOC - BACK OF CURB
- MATCH - MATCH EXISTING GRADE
- HP - HIGH POINT
- SW - SIDEWALK
- FG: XXX.XX
- DITCH CHECK
- INLET PROTECTION
- TYPE III BARRICADE SSD 15C02-07b



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Design/Drawn:

EWO/CHG/MSS/CLH

Approved:

WHD/TAT

SHEET TITLE:

GENERAL NOTES &
LEGEND

SHEET NUMBER:

C2.1

JSD PROJECT NO:

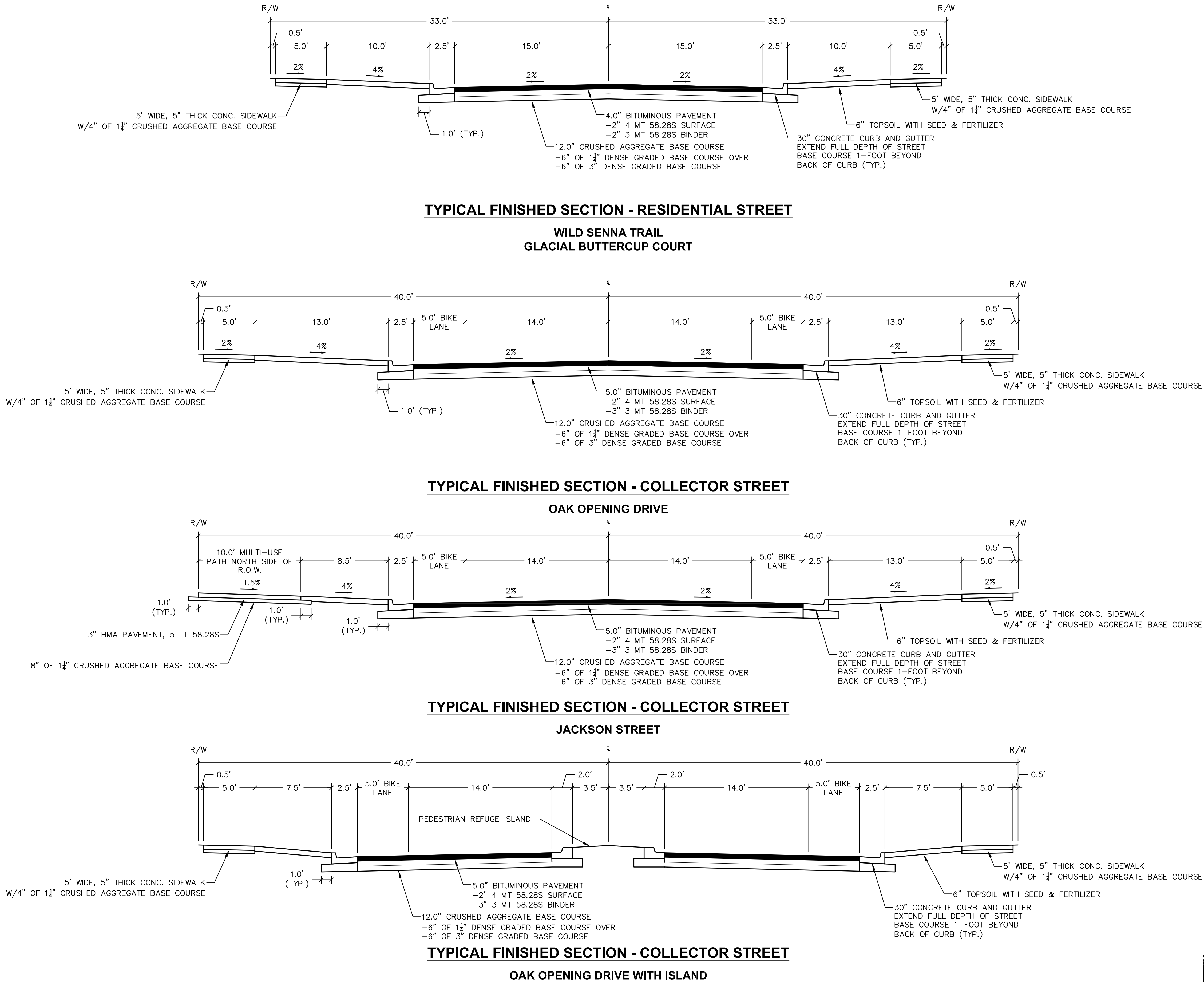
15-7018



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CLIENT:



CLIENT ADDRESS:
161 HORIZON DRIVE, SUITE 101A
VERONA, WI 53508

PRELIMINARY
NOT FOR
CONSTRUCTION

PROJECT:

KETTLE PARK WEST
NORTH ADDITION

PROJECT LOCATION:

CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

#	Date:	Description:
1	03.12.19	FINAL PLAT
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
TYPICAL SECTIONS

SHEET NUMBER:

C3.0

JSD PROJECT NO:

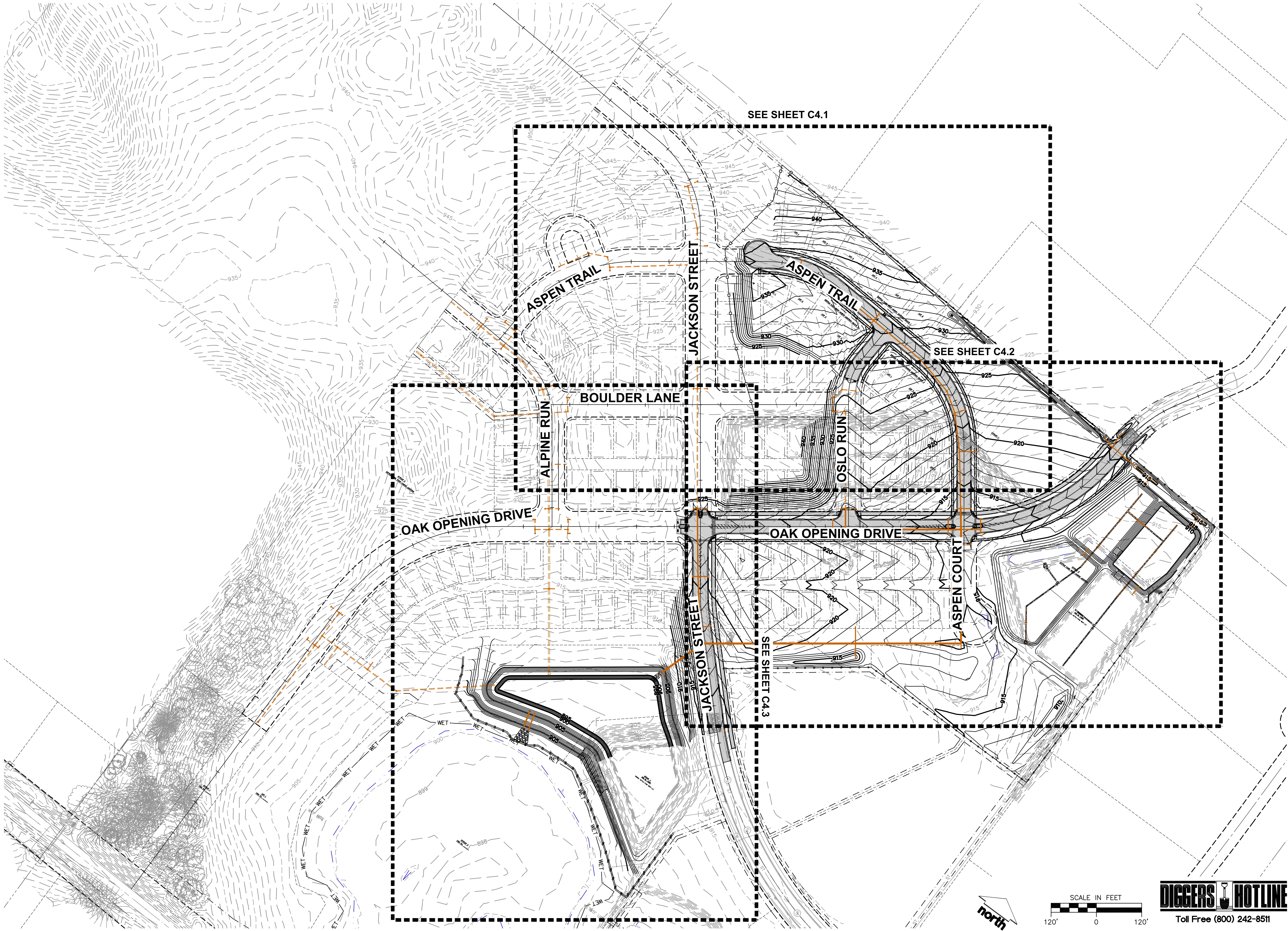
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**PRELIMINARY
NOT FOR
CONSTRUCTION**

PROJECT:
KETTLE PARK WEST
NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

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1	03.12.19	FINAL PLAT
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
**OVERALL GRADING &
EROSION CONTROL PLAN
& SHEET MAP**

SHEET NUMBER:

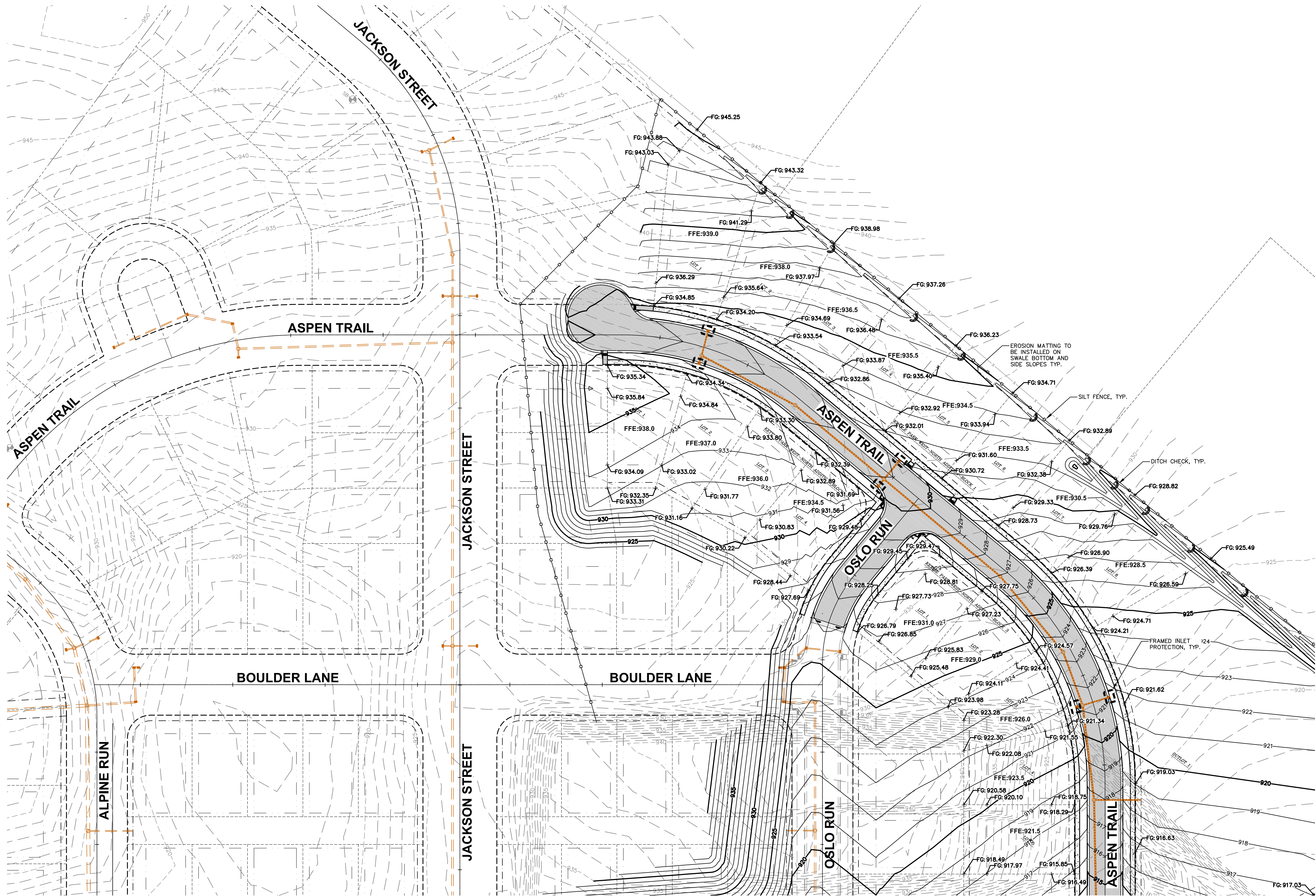
C4.0

JSD PROJECT NO:

15-7018



File: I:\2019\157018 DWG\Civil\Sheets\PH2 First Addition\157018 C4.1 - Detailed Grading Plan.dwg Layout: C4.1 Detailed Grading Plan User: eolson Plotted: Mar 11, 2019 - 11:26am Xref's:



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CONSTRUCTION**

PROJECT:

KETTLE PARK WEST
NORTH ADDITION

PROJECT LOCATION:

CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

#	Date:	Description:
1	03.12.19	FINAL PLAT
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
**DETAILED GRADING &
EROSION CONTROL PLAN**

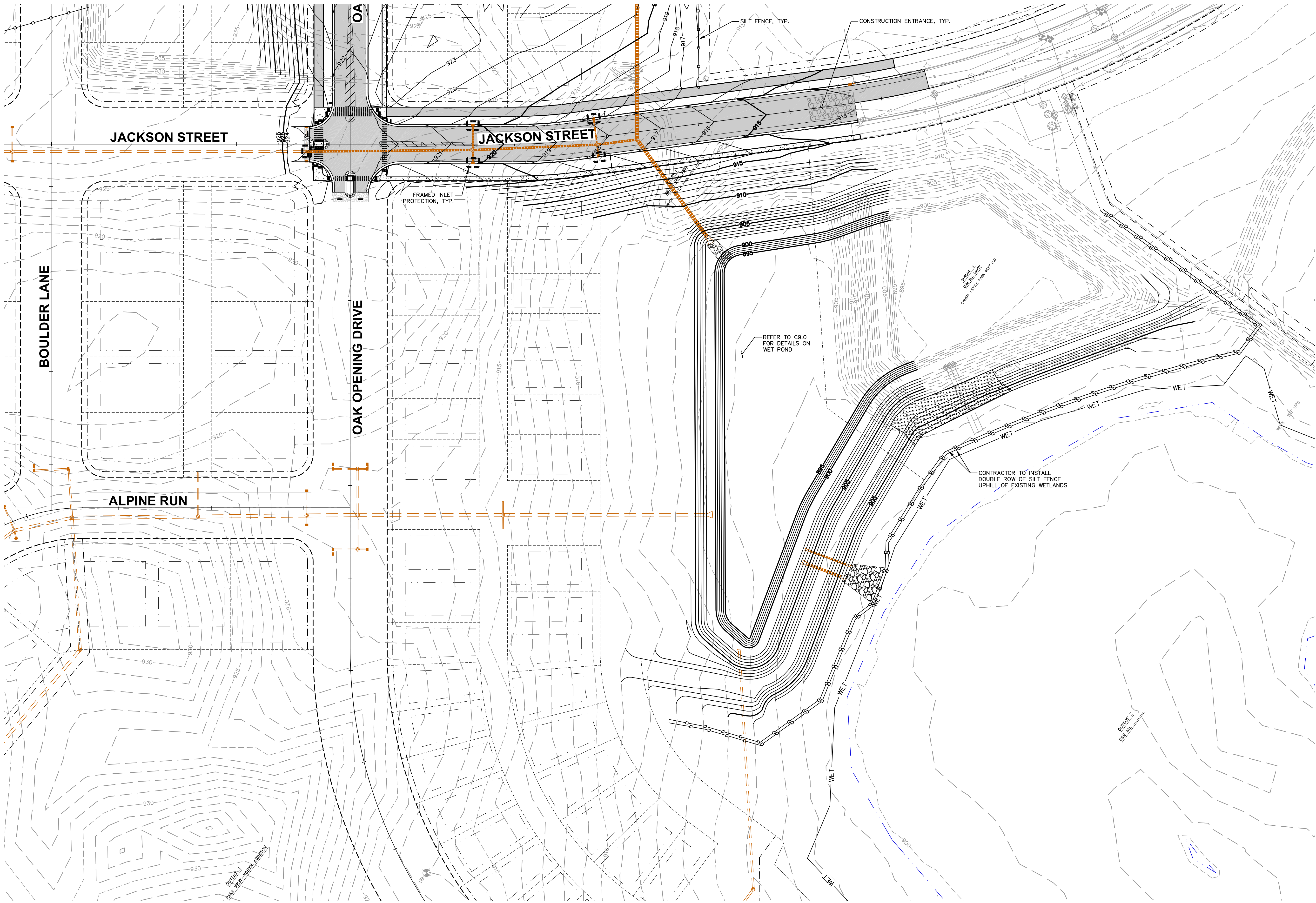
SHEET NUMBER:

C4.1

JSD PROJECT NO: 15-7018

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File: I:\2019\157018\DWG\Civil\Civil Sheets\PH2 First Addition\157018 C4.1 - Detailed Grading Plan.dwg Layout: C4.3 Detailed Grading Plan User: eolson Plotted: Mar 11, 2019 11:27am Xrefs:



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PROJECT:
KETTLE PARK WEST
NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

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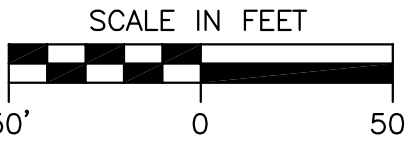
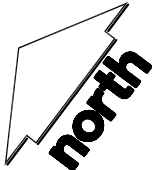
Design/Drawn: EWO/CHG/MSS/CLH
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SHEET TITLE:
DETAILED GRADING &
EROSION CONTROL PLAN

SHEET NUMBER:

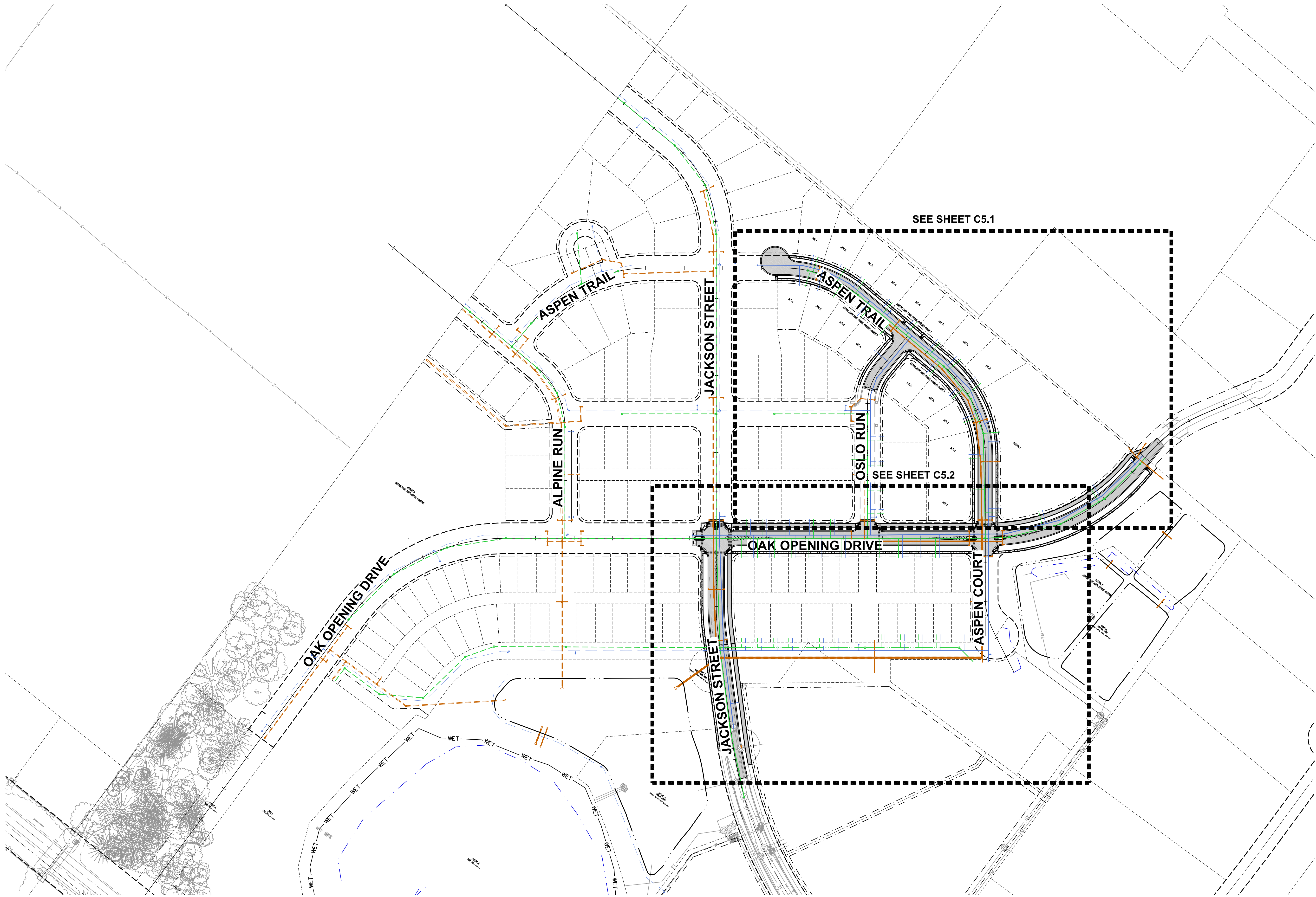
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JSD PROJECT NO: 15-7018



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File: I:\2019\157018\DWG\Civil\Civil Sheets\PH2 First Addition\157018 C5.0 - Overall Utility Plan.dwg Layout: OVERALL UTILITY PLAN & SHEET MAP User: eolson Plotted: Mar 11, 2019 - 11:29am Xrefs:



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PROJECT:
**KETTLE PARK WEST
NORTH ADDITION**

PROJECT LOCATION:
**CITY OF STOUGHTON, WI
DANE COUNTY**

PLAN MODIFICATIONS:

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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
**OVERALL UTILITY PLAN
& SHEET MAP**

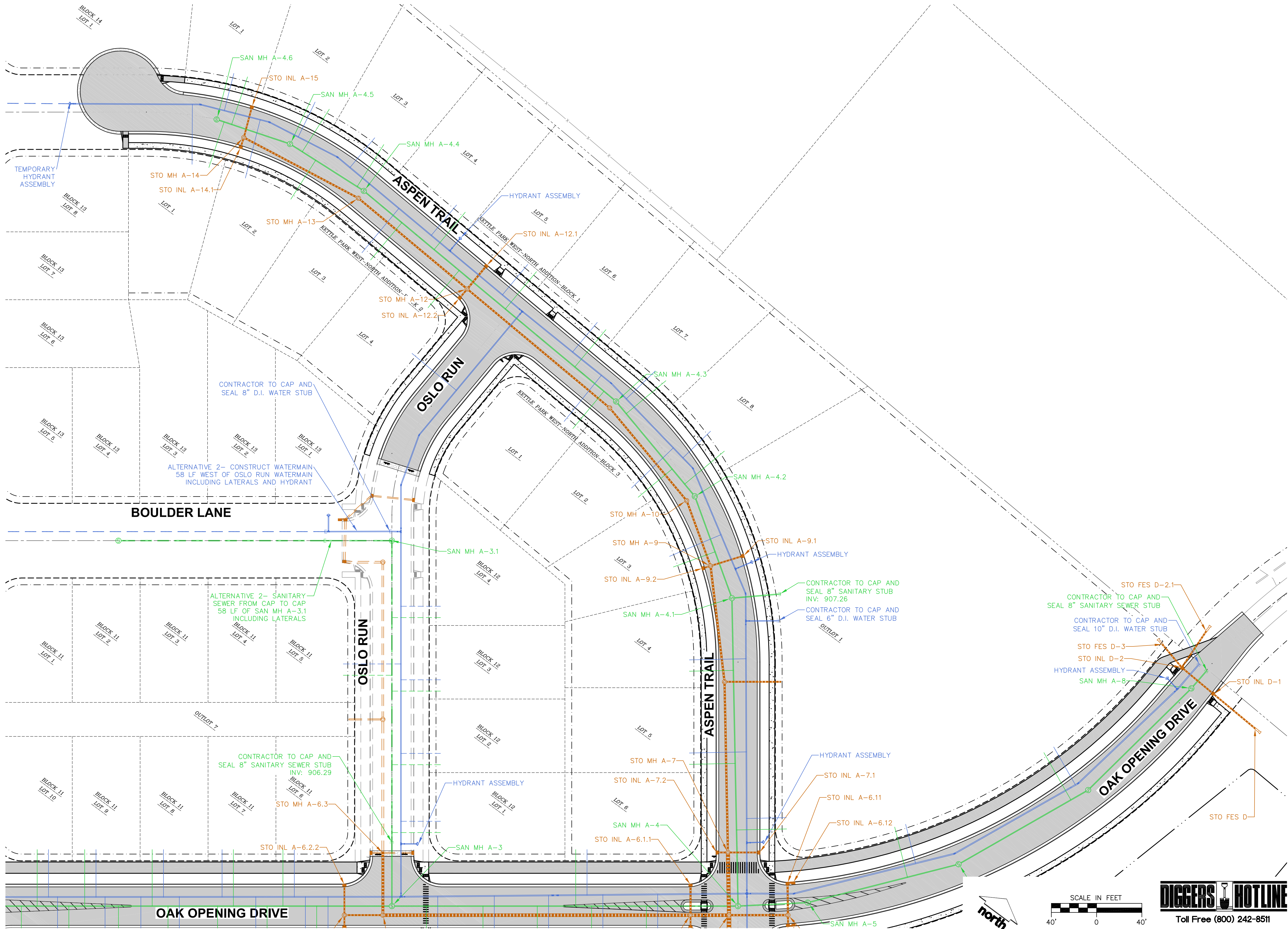
SHEET NUMBER:

C5.0

JSD PROJECT NO: 15-7018



File: I:\2019\157018 DWG\Civil\Sheets\PH2 First Addition\157018 C5.1 - Detailed Utility Plan.dwg Layout: C5.1 Detailed Utility Plan.dwg User: chuhta Plotted: Mar 11, 2019 - 4:45pm Xref's:



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CONSTRUCTION**

PROJECT:
KETTLER PARK WEST
NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

#	Date:	Description:
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
DETAILED UTILITY PLAN

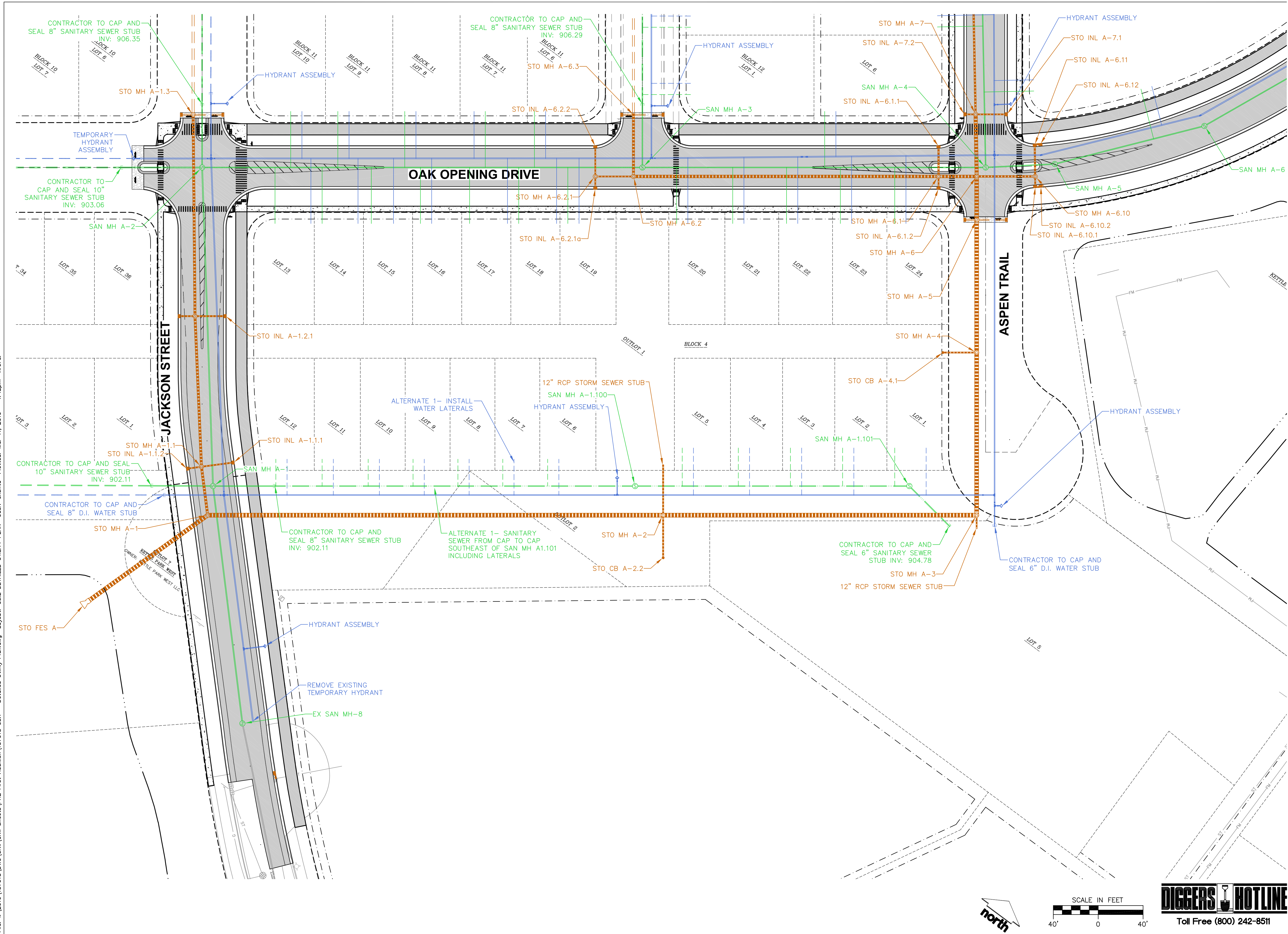
SHEET NUMBER:

C5.1

JSD PROJECT NO: 15-7018

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File: I:\2019\157018\DWG\Civil\Civil Sheets\PH2 First Addition\157018 C5.1 - Detailed Utility Plan.dwg Layout: C5.2 Detailed Utility Plan.dwg User: chuhta Plotted: Mar 11, 2019 - 4:42pm Xref's:



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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
DETAILED UTILITY PLAN

SHEET NUMBER:

C5.2

JSD PROJECT NO:

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File: I:\2019\157018\DWG\Civil\Civil Sheets\PH2 First Addition\157018 C6.1 - Structure Tables.dwg Layout: C6.0 - Storm User: msanders Plotted: Mar 11, 2019 - 4:39pm Xref's:

PROPOSED STORM STRUCTURES TABLE					
LABEL	RIM EL. (FT)	INVERT EL. (FT)	DEPTH (FT)	STRUCTURE DESC.	FRAME & GRATE
STO CB A-2.2	913.38	NW INV: 909.25 (12")	4.1	36 IN MH (FLAT)	R-2050 TYPE D
STO CB A-4.1	915.01	NE INV: 910.44 (12")	4.6	36 IN MH (FLAT)	R-2050 TYPE D
STO FES A	905.38	N INV: 901.50 (42")	N/A	42 IN RCP FES	N/A
STO FES D	916.67	W INV: 915.50 (12")	N/A	12 IN RCP FES	N/A
STO FES D-2.1	919.42	S INV: 918.26 (12")	N/A	12 IN RCP FES	N/A
STO FES D-3	919.93	E INV: 918.76 (12")	N/A	12 IN RCP FES	N/A
STO INL A-1.1.1	917.74	SW INV: 913.85 (12")	3.9	2 x 3 INLET	R-3067 TYPE L
STO INL A-1.1.2	917.74	NE INV: 913.69 (12")	4.1	2 x 3 INLET	R-3067 TYPE L
STO INL A-1.2.1	920.08	SW INV: 916.52 (12")	3.6	2 x 3 INLET	R-3067 TYPE L
STO INL A-1.2.2	920.08	NE INV: 916.40 (12")	3.7	2 x 3 INLET	R-3067 TYPE L
STO INL A-6.1.1	913.43	SE INV: 909.99 (15")	3.4	2 x 3 INLET	R-3067 TYPE L
STO INL A-6.1.2	913.43	NW INV: 909.90 (12")	3.5	2 x 3 INLET	R-3067 TYPE L
STO INL A-6.2.1a	917.90	NW INV: 914.33 (12")	3.6	2 x 3 INLET	R-3067 TYPE L
STO INL A-6.2.2	917.91	SE INV: 914.49 (12")	3.4	2 x 3 INLET	R-3067 TYPE L
STO INL A-6.10.1	912.22	NW INV: 909.30 (12") NE INV: 909.40 (12")	2.9	2 x 3 INLET	R-3067 TYPE L
STO INL A-6.10.2	912.32	SW INV: 909.50 (12")	2.8	2 x 3 INLET	R-3067 TYPE L
STO INL A-6.11	912.69	SE INV: 909.20 (15") NE INV: 909.30 (15")	3.5	2 x 3 INLET	R-3067 TYPE L
STO INL A-6.12	912.68	SW INV: 909.35 (15")	3.3	2 x 3 INLET	R-3067 TYPE L
STO INL A-7.1	913.00	SW INV: 909.85 (12")	3.2	2 x 3 INLET	R-3067 TYPE L
STO INL A-7.2	913.00	NE INV: 909.81 (12")	3.2	2 x 3 INLET	R-3067 TYPE L
STO INL A-9.1	921.00	SW INV: 917.79 (12")	3.2	2 x 3 INLET	R-3067 TYPE L
STO INL A-9.2	921.00	NE INV: 917.57 (12")	3.4	2 x 3 INLET	R-3067 TYPE L
STO INL A-12.1	930.63	S INV: 927.20 (15")	3.4	2 x 3 INLET	R-3067 TYPE L
STO INL A-12.2	930.58	N INV: 927.42 (12")	3.2	2 x 3 INLET	R-3067 TYPE L
STO INL A-14.1	933.29	N INV: 930.12 (12")	3.2	2 x 3 INLET	R-3067 TYPE L
STO INL A-15	933.30	S INV: 930.13 (12")	3.2	2 x 3 INLET	R-3067 TYPE L
STO INL D-1	920.15	E INV: 915.82 (12") W INV: 915.92 (12")	4.3	2 x 3 INLET	R-3067 TYPE L
STO INL D-2	920.15	E INV: 916.84 (12") W INV: 917.45 (12") N INV: 916.94 (12")	3.3	2 x 3 INLET	R-3067 TYPE L
STO INL EX-1.3	913.95	SE INV: 908.00 (12")	5.9	2 x 3 INLET	R-3067 TYPE L
STO MH A-1	917.32	S INV: 902.40 (42") NE INV: 903.26 (42") NW INV: 905.14 (24")	14.9	84 IN MH (FLAT)	R-1550 SOLID LID
STO MH A-1.1	918.09	SE INV: 906.44 (24") NW INV: 911.80 (24") NE INV: 913.56 (12") SW INV: 913.56 (12")	11.6	60 IN MH (FLAT)	R-1550 SOLID LID
STO MH A-1.2	920.46	SE INV: 914.49 (24") NW INV: 914.59 (24") NE INV: 916.25 (12") SW INV: 916.25 (12")	6.0	60 IN MH (FLAT)	R-1550 SOLID LID
STO MH A-1.3	923.01	SE INV: 918.18 (24") NW INV: 918.28 (24") SW INV: 918.59 (12") NE INV: 918.59 (12")	4.8	60 IN MH (FLAT)	R-2050 TYPE D
STO MH A-2	917.67	SW INV: 904.97 (42") NE INV: 905.07 (42") NW INV: 907.72 (12") SE INV: 908.30 (12")	12.7	84 IN MH (FLAT)	R-1550 SOLID LID
STO MH A-3	913.98	SW INV: 906.33 (42") NW INV: 906.43 (42") SE INV: 908.83 (12")	7.7	84 IN MH (FLAT)	R-2050 TYPE-R
STO MH A-4	914.36	SE INV: 906.86 (42") NW INV: 906.96 (42") SW INV: 909.84 (12")	7.5	60 IN MH (FLAT)	R-1550 SOLID LID
STO MH A-5	913.14	SE INV: 907.32 (42") NW INV: 907.42 (42") NE INV: 909.30 (12") SW INV: 909.08 (12")	5.8	60 IN MH (FLAT)	R-2050 TYPE D
STO MH A-6	913.25	SE INV: 907.52 (42") NW INV: 907.95 (36") SW INV: 908.08 (30") NE INV: 908.43 (18")	5.7	72 IN MH (FLAT)	R-1550 SOLID LID
STO MH A-6.1	913.73	NE INV: 908.36 (30") SW INV: 908.46 (30") NW INV: 909.72 (15") SE INV: 909.79 (12")	5.4	48 IN MH (FLAT)	R-1550 SOLID LID
STO MH A-6.2	917.71	NE INV: 910.87 (30") SW INV: 912.02 (12") NW INV: 911.62 (24")	6.8	60 IN MH (FLAT)	R-1550 SOLID LID

PROPOSED STORM STRUCTURES TABLE					
LABEL	RIM EL. (FT)	INVERT EL. (FT)	DEPTH (FT)	STRUCTURE DESC.	FRAME & GRATE
STO MH A-6.2.1	918.21	NE INV: 913.72 (12") NW INV: 913.95 (12") SE INV: 913.95 (12")	4.5	48 IN MH (FLAT)	R-1550 SOLID LID
STO MH A-6.3	917.77	SE INV: 912.72 (24") NW INV: 913.28 (21") NE INV: 914.03 (12") SW INV: 914.03 (12")	5.1	48 IN MH (FLAT)	R-2050 TYPE D
STO MH A-6.10	912.71	SW INV: 908.82 (18") SE INV: 909.18 (12") NW INV: 908.92 (15")	3.9	48 IN MH (FLAT)	R-1550 SOLID LID
STO MH A-7	913.29	SE INV: 908.12 (36") NW INV: 909.29 (18") SW INV: 909.58 (12") NE INV: 909.58 (12")	5.2	60 IN MH (FLAT)	R-1550 SOLID LID
STO MH A-8	917.75	SE INV: 913.39 (18") NW INV: 913.49 (18") NE INV: 913.89 (12")	4.4	48 IN MH (FLAT)	R-1550 SOLID LID
STO MH A-9	921.24	SE INV: 916.74 (18") NW INV: 916.84 (15") SW INV: 917.41 (12") NE INV: 917.03 (12")	4.5	48 IN MH (FLAT)	R-1550 SOLID LID
STO MH A-10	923.37	SE INV: 919.12 (15") W INV: 919.22 (15")	4.2	48 IN MH (FLAT)	R-1550 SOLID LID
STO MH A-11	926.95	E INV: 922.52 (15") W INV: 922.62 (15")	4.4	48 IN MH (FLAT)	R-1550 SOLID LID
STO MH A-12	930.94	E INV: 926.83 (15") W INV: 927.19 (15") S INV: 927.20 (12") N INV: 926.93 (15")	4.1	48 IN MH (FLAT)	R-1550 SOLID LID
STO MH A-13	932.35	E INV: 928.44 (15") W INV: 928.54 (15")	3.9	48 IN MH (FLAT)	R-1550 SOLID LID
STO MH A-14	933.56	E INV: 929.46 (15") N INV: 929.56 (12") S INV: 929.82 (12")	4.1	48 IN MH (FLAT)	R-1550 SOLID LID

PROPOSED STORM SEWER PIPE TABLE							
LABEL	FROM	TO	LENGTH	INVERT EL. (FT)	DISCHARGE EL. (FT)	SLOPE	SIZE & MATERIAL
STO A-1	STO MH A-1	STO FES A	130'	902.40	901.50	0.70%	42 IN RCP
STO A-1.1	STO MH A-1.1	STO MH A-1	44'	906.44	905.14	3.00%	24 IN RCP
STO A-1.1.1	STO INL A-1.1.1	STO MH A-1.1	29'	913.85	913.56	1.00%	12 IN RCP
STO A-1.1.2	STO INL A-1.1.2	STO MH A-1.1	13'	913.69	913.56	1.00%	12 IN RCP
STO A-1.2	STO MH A-1.2	STO MH A-1.1	134'	914.49	911.80	2.00%	24 IN RCP
STO A-1.2.1	STO INL A-1.2.1	STO MH A-1.2	27'	916.52	916.25	1.00%	12 IN RCP
STO A-1.2.2	STO INL A-1.2.2	STO MH A-1.2	15'	916.40	916.25	1.00%	12 IN RCP
STO A-1.3	STO MH A-1.3	STO MH A-1.2	180'	918.18	914.59	2.00%	24 IN RCP
STO A-2	STO MH A-2	STO MH A-1	406'	904.97	903.26	0.42%	42 IN RCP
STO A-2.1	STO CAP A-2.1	STO MH A-2	45'	908.62	907.72	2.00%	12 IN RCP
STO A-2.2	STO CB A-2.2	STO MH A-2	38'	909.25	908.30	2.50%	12 IN RCP
STO A-3	STO MH A-3	STO MH A-2	279'	906.33	905.07	0.45%	42 IN RCP
STO A-3.1	STO CAP A-3.1	STO MH A-3	12'	908.95	908.83	1.00%	12 IN RCP
STO A-4	STO MH A-4	STO MH A-3	145'	906.86	906.43	0.30%	42 IN RCP
STO A-4.1	STO CB A-4.1	STO MH A-4	30'	910.44	909.84	2.00%	12 IN RCP
STO A-5	STO MH A-5	STO MH A-4	118'	907.32	906.96	0.30%	42 IN RCP
STO A-6	STO MH A-6	STO MH A-5	39'	907.52	907.42	0.25%	42 IN RCP
STO A-6.1	STO MH A-6.1	STO MH A-6	34'	908.36	908.02	1.00%	30 IN RCP
STO A-6.1.1	STO INL A-6.1.1	STO MH A-6.1	27'	909.99	909.72	1.00%	15 IN RCP
STO A-6.1.2	STO INL A-6.1.2	STO MH A-6.1	11'	909.90	909.79	1.00%	12 IN RCP
STO A-6.2	STO MH A-6.2	STO MH A-6.1	272'	910.87	908.46	0.89%	30 IN RCP
STO A-6.2.1	STO MH A-6.2.1	STO MH A-6.2	34'	913.72	912.02	5.00%	12 IN RCP
STO A-6.2.1a	STO INL A-6.2.1a	STO MH A-6.2.1	11'	914.33	913.95	3.45%	12 IN RCP
STO A-6.2.2	STO INL A-6.2.2	STO MH A-6.2.1	27'	914.49	913.95	2.00%	12 IN RCP
STO A-6.3	STO MH A-6.3	STO MH A-6.2	55'	912.72	911.62	2.00%	24 IN RCP
STO A-6.10	STO MH A-6.10	STO MH A-6	52'	908.82	908.43	0.75%	18 IN RCP
STO A-6.10.1	STO INL A-6.10.1	STO MH A-6.10	10'	909.30	909.18	1.25%	12 IN RCP
STO A-6.10.2	STO INL A-6.10.2	STO INL A-6.10.1	5'	909.50	909.40	2.00%	12 IN RCP
STO A-6.11	STO INL A-6.11	STO MH A-6.10	28'	909.20	908.92	1.00%	15 IN RCP
STO A-6.12	STO INL A-6.12	STO INL A-6.11	5'	909.35	909.30	1.00%	15 IN RCP
STO A-7	STO MH A-7	STO MH A-6	55'	908.12	907.95	0.30%	36 IN RCP
STO A-7.1	STO INL A-7.1	STO MH A-7	28'	909.85	909.58	0.97%	12 IN RCP
STO A-7.2	STO INL A-7.2	STO MH A-7	10'	909.81	909.58	2.32%	12 IN RCP
STO A-8	STO MH A-8	STO MH A-7	151'	913.39	909.29	2.71%	18 IN RCP
STO A-8.1	STO CAP A-8.1	STO MH A-8	50'	914.39	913.89	1.00%	12 IN RCP
STO A-9	STO MH A-9	STO MH A-8	103'	916.74	913.49	3.15%	18 IN RCP
STO A-9.1	STO INL A-9.1	STO MH A-9	30'	917.79	917.03	2.50%	12 IN RCP
STO A-9.2	STO INL A-9.2	STO MH A-9	8'	917.57	917.41	2.00%	12 IN RCP
STO A-10	STO MH A-10	STO MH A-9	61'	919.12	916.84	3.72%	15 IN RCP
STO A-11	STO MH A-11	STO MH A-10	107'	922.52	919.22	3.10%	15 IN RCP
STO A-12	STO MH A-12	STO MH A-11	164'	926.83	922.62	2.57%	15 IN RCP
STO A-12.1	STO INL A-12.1	STO MH A-12	27'	927.20	926.93	1.00%	15 IN RCP
STO A-12.2	STO INL A-12.2	STO MH A-12	11'	927.42	927.20	1.95%	12 IN RCP
STO A-13	STO MH A-13	STO MH A-12	125'	928.44	927.19	1.00%	15 IN RCP
STO A-14	STO MH A-14	STO MH A-13	115'	929.46	928.54	0.80%	15 IN RCP
STO A-14.1	STO INL A-14.1	STO MH A-14	10'	930.12	929.82	3.17%	12 IN RCP
STO A-15	STO INL A-15	STO MH A-14	28'	930.13	929.56	2.00%	12 IN RCP
STO D-1	STO INL D-1	STO FES D	48'	915.82	915.50	0.66%	12 IN RCP
STO D-2	STO INL D-2	STO INL D-1	37'	916.84	915.92	2.51%	12 IN RCP
STO D-2.1	STO FES D-2.1	STO INL D-2	39'	918.26	916.94	3.42%	12 IN RCP
STO D-3	STO FES D-3	STO INL D-2	27'	918.76	917.45	4.96%	12 IN RCP
STO EX-1.3	STO INL EX-1.3	STO INL EX-1.2	5'	908.00	907.86	2.80%	12 IN RCP



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CLIENT:



CLIENT ADDRESS:

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VERONA, WI 53508

PRELIMINARY
NOT FOR
CONSTRUCTION

PROJECT:

KETTLE PARK WEST
NORTH ADDITION

PROJECT LOCATION:

CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

#	Date:	Description:
1	03.12.19	FINAL PLAT
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:

STORM SEWER
STRUCTURE TABLES

SHEET NUMBER:

C6.0

JSD PROJECT NO:

15-7018

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PROPOSED SANITARY STRUCTURES TABLE					
LABEL	RIM EL. (FT)	INVERT EL. (FT)	DEPTH (FT)	STRUCTURE DESC.	FRAME & GRATE
EX SAN MH-7	901.54	NW INV: 900.51 (10")	1.0	48 IN MH	R-1550 SOLID LID
EX SAN MH-8	914.48	SE INV: 901.05 (10") NW INV: 901.15 (10")	13.4	48 IN MH	R-1550 SOLID LID
SAN MH A-1	917.93	SE INV: 901.79 (10") NW INV: 901.89 (10") NE INV: 901.89 (8") SW INV: 901.89 (8")	16.1	48 IN MH	R-1550 SOLID LID
SAN MH A-2	922.95	SE INV: 902.74 (10") NE INV: 902.91 (8") SW INV: 902.84 (10") NW INV: 904.64 (8")	20.2	48 IN MH	R-1550 SOLID LID
SAN MH A-3	917.75	SW INV: 904.48 (8") NE INV: 904.58 (8") NW INV: 904.58 (8")	13.3	48 IN MH	R-1550 SOLID LID
SAN MH A-4	913.33	SW INV: 905.80 (8") NE INV: 905.90 (8") NW INV: 905.90 (8")	7.5	48 IN MH	R-1550 SOLID LID
SAN MH A-5	913.18	SW INV: 906.15 (8") NE INV: 906.25 (8")	7.0	48 IN MH	R-1550 SOLID LID
SAN MH A-6	915.36	SW INV: 906.80 (8") NE INV: 906.90 (8")	8.6	48 IN MH	R-1550 SOLID LID
SAN MH A-7	917.93	SW INV: 907.86 (8") N INV: 907.96 (8")	10.1	48 IN MH	R-1550 SOLID LID
SAN MH A-8	920.43	S INV: 908.84 (8") N INV: 908.94 (8")	11.6	48 IN MH	R-1550 SOLID LID

PROPOSED SANITARY PIPE TABLE							
LABEL	FROM	TO	LENGTH	INVERT EL. (FT)	DISCHARGE EL. (FT)	SLOPE	SIZE & MATERIAL
SAN A-1	SAN MH A-1	EX SAN MH-8	213'	901.79	901.15	0.30%	10 IN PVC
SAN A-1.1	SAN CAP A-1.1	SAN MH A-1	55'	902.11	901.89	0.40%	8 IN PVC
SAN A-1.100	SAN CAP A-1.100	SAN MH A-1	55'	902.11	901.89	0.40%	8 IN PVC
SAN A-2	SAN MH A-2	SAN MH A-1	284'	902.74	901.89	0.30%	10 IN PVC
SAN A-2.1	SAN CAP A-2.1	SAN MH A-2	73'	903.06	902.84	0.30%	10 IN PVC
SAN A-2.100	SAN CAP A-2.100	SAN MH A-2	57'	906.35	904.64	3.00%	8 IN PVC
SAN A-3	SAN MH A-3	SAN MH A-2	393'	904.48	902.91	0.40%	8 IN PVC
SAN A-3.1	SAN CAP A-3.1	SAN MH A-3	57'	906.29	904.58	3.00%	8 IN PVC
SAN A-4	SAN MH A-4	SAN MH A-3	306'	905.80	904.58	0.40%	8 IN PVC
SAN A-4.1	SAN MH A-4.1	SAN MH A-4	272'	906.99	905.90	0.40%	8 IN PVC
SAN A-4.1.1	SAN CAP A-4.1.1	SAN MH A-4.1	43'	907.26	907.09	0.40%	8 IN PVC
SAN A-4.2	SAN MH A-4.2	SAN MH A-4.1	96'	909.96	907.09	3.00%	8 IN PVC
SAN A-4.3	SAN MH A-4.3	SAN MH A-4.2	109'	913.33	910.06	3.00%	8 IN PVC
SAN A-4.4	SAN MH A-4.4	SAN MH A-4.3	290'	918.51	913.43	1.75%	8 IN PVC
SAN A-4.5	SAN MH A-4.5	SAN MH A-4.4	77'	919.96	918.61	1.75%	8 IN PVC
SAN A-4.6	SAN MH A-4.6	SAN MH A-4.5	68'	920.74	920.06	1.00%	8 IN PVC
SAN A-5	SAN MH A-5	SAN MH A-4	62'	906.15	905.90	0.40%	8 IN PVC
SAN A-6	SAN MH A-6	SAN MH A-5	138'	906.80	906.25	0.40%	8 IN PVC
SAN A-7	SAN MH A-7	SAN MH A-6	132'	907.86	906.90	0.73%	8 IN PVC
SAN A-8	SAN MH A-8	SAN MH A-7	128'	908.84	907.96	0.69%	8 IN PVC
SAN A-9	SAN CAP A-9	SAN MH A-8	21'	909.04	908.94	0.50%	8 IN PVC
SAN EX SAN 8	EX SAN MH-8	EX SAN MH-7	180'	901.05	900.51	0.30%	10 IN PVC

PROPOSED ALTERNATIVE 1 SANITARY STRUCTURES TABLE					
LABEL	RIM EL. (FT)	INVERT EL. (FT)	DEPTH (FT)	STRUCTURE DESC.	FRAME & GRATE
SAN MH A-1.100	918.79	SW INV: 903.40 (8") NE INV: 903.50 (8")	15.4	48 IN MH	R-1550 SOLID LID
SAN MH A-1.101	915.61	SW INV: 904.48 (8") E INV: 904.58 (8")	11.1	48 IN MH	R-1550 SOLID LID

PROPOSED ALTERNATIVE 1 SANITARY PIPE TABLE							
LABEL	FROM	TO	LENGTH	INVERT EL. (FT)	DISCHARGE EL. (FT)	SLOPE	SIZE & MATERIAL
SAN A-1.100-1	SAN MH A-1.100	SAN CAP A-1.100	321'	903.40	902.11	0.40%	8 IN PVC
SAN A-1.101	SAN MH A-1.101	SAN MH A-1.100	244'	904.48	903.50	0.40%	8 IN PVC
SAN A-1.102	SAN CAP A-1.102	SAN MH A-1.101	51'	904.78	904.58	0.40%	8 IN PVC

PROPOSED ALTERNATIVE 2 SANITARY STRUCTURES TABLE					
LABEL	RIM EL. (FT)	INVERT EL. (FT)	DEPTH (FT)	STRUCTURE DESC.	FRAME & GRATE
SAN MH A-3.2	926.93	NE INV: 916.79 (8")	10.1	48 IN MH	R-1550 SOLID LID

PROPOSED ALTERNATIVE 2 SANITARY PIPE TABLE							
LABEL	FROM	TO	LENGTH	INVERT EL. (FT)	DISCHARGE EL. (FT)	SLOPE	SIZE & MATERIAL
SAN A-3.2	SAN CAP A-3.2	SAN MH A-3.1	60'	914.97	914.37	1.00%	8 IN PVC
SAN A-3.2.1	SAN MH A-3.2	SAN CAP A-3.2	182'	916.79	914.97	1.00%	8 IN PVC

UTILITY LATERAL SCHEDULE									
BLOCK	LOT	SEWER				WATER			
		DIA	LENGTH	STA	OFF	DIA	LENGTH	STA	OFF
1	1	4"	44	112+12.1	43'R	1"	34	112+23.1	43'R
1	2	4"	45	111+44.0	43'R	1"	34	111+56.3	43'R
1	3	4"	44	110+93.7	43'R	1"	34	111+02.4	43'R
1	4	4"	43	110+01.7	43'R	1"	35	110+11.7	43'R
1	5	4"	43	109+19.7	43'R	1"	35	109+29.7	43'R
1	6	4"	43	108+39.7	43'R	1"	34	108+49.7	43'R
1	7	4"	46	107+72.9	43'R	1"	36	107+84.0	43'R
1	8	4"	46	107+01.9	43'R	1"	34	107+20.6	43'R
2	1	4"	42	112+23.3	43'L	1"	53	112+44.0	43'L
2	2	4"	41	111+35.2	43'L	1"	53	111+87.1	43'L
2	3	4"	43	110+38.9	43'L	1"	51	110+48.9	43'L
2	4	4"	43	109+72.9	43'L	1"	51	204+75	43'L
3	1	4"	43	108+06.1	43'L	1"	53	108+16.1	43'L
3	2	4"	39	107+10.3	43'L	1"	51	107+22.0	43'L
3	3	4"	39	106+29.5	43'L	1"	49	106+41.1	43'L
3	4	4"	39	105+21.4	43'L	1"	50	105+31.7	43'L
3	5	4"	41	104+39.1	43'L	1"	50	104+47.1	43'L
3	6	4"	50	56+26.0	50'L	1"	40	56+16	50'L
4	13	4"	50	61+16.0	50'L	1"	58	60+84.0	50'L
4	14	4"	50	60+74.0	50'L	1"	58	60+42.0	50'L
4	15	4"	50	60+30.2	50'L	1"	58	60+10.4	50'L
4	16	4"	50	59.80.4	50'L	1"	58	59+76.4	50'L
4	17	4"	50	59+42.6	50'L	1"	58	59+08.8	50'L
4	18	4"	50	58+98.8	50'L	1"	58	58+65.0	50'L
4	19	4"	50	58.55.0	50'L	1"	58	58+45	50'L
4	20	4"	50	57+58.0	50'L	1"	58	57+48	50'L
4	21	4"	50	57+08.0	50'L	1"	58	56+78	50'L
4	22	4"	50	56+60.0	50'L	1"	58	56+50	50'L
4	23	4"	50	56+12.0	50'L	1"	58	56+02	50'L
4	24	4"	50	55+63.5	50'L	1"	58	55+53.5	50'L
11	6	4"	50	58+84.8	50'R	1"	50	58+74.8	50'R
11	7	4"	50	59+28.6	50'R	1"	50	59+38.6	50'R
11	8	4"	50	60+00.4	50'R	1"	50	59+90.4	50'R
11	9	4"	50	60+60.0	50'R	1"	50	60+50.0	50'R
11	10	4"	50	61+02.0	50'R	1"	50	60+92.0	50'R
NOTES: 1. STATION AND OFFSET DENOTE END OF LATERAL. (TYP) 2. STATIONING IS BASED ON STREET ALIGNMENT CONTAINING MAIN.									

ALTERINATE 1 - UTILITY LATERAL SCHEDULE									
BLOCK	LOT	SEWER				WATER			
		DIA	LENGTH	STA	OFF	DIA	LENGTH	STA	OFF
4	1	4"	24	7+77.1	50'L	1"	32	8+05.1	50'L
4	2	4"	24	7+30.6	50'L	1"	32	7+40.6	50'L
4	3	4"	24	6+84.1	50'L	1"	32	6+94.1	50'L
4	4	4"	24	6+37.6	50'L	1"	32	6+47.6	50'L
4	5	4"	24	5+87.6	50'L	1"	32	5+97.6	50'L
4	6	4"	24	4+67.6	50'L	1"	32	4+77.56	50'L
4	7	4"	24	4+24.6	50'L	1"	32	4+37.6	50'L
4	8	4"	24	3+87.6	50'L	1"	32	3+97.6	50'L
4	9	4"	24	3+47.6	50'L	1"	32	3+57.6	50'L
4	10	4"	24	3+07.6	50'L	1"	32	3+17.6	50'L
4	11	4"	24	2+66.5	50'L	1"	32	2+76.5	50'L
4	12	4"	24	2+25.2	50'L	1"	32	2+35.2	50'L
NOTES: 1. STATION AND OFFSET DENOTE END OF LATERAL. (TYP) 2. STATIONING IS BASED ON STREET ALIGNMENT CONTAINING MAIN.									

ALTERINATE 2 - UTILITY LATERAL SCHEDULE									
BLOCK	LOT	SEWER				WATER			
		DIA	LENGTH	STA	OFF	DIA	LENGTH	STA	OFF
12	1	4"	43	200+65.0	43'R	1"	35	200+75.0	43'R
12	2	4"	43	201+25.0	43'R	1"	35	201.35.0	43'R
12	3	4"	43	201+90.0	43'R	1"	35	202+00.0	43'R
12	4	4"	43	202+55.0	43'R	1"	35	202+65.0	43'R
11	6	4"	43	202+04.0	43'L	1"	51	202+14.0	43'L
NOTES: 1. STATION AND OFFSET DENOTE END OF LATERAL. (TYP) 2. STATIONING IS BASED ON STREET ALIGNMENT CONTAINING MAIN.									



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CLIENT:



CLIENT ADDRESS:

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VERONA, WI 53508**

**PRELIMINARY
NOT FOR
CONSTRUCTION**

PROJECT:

**KETTLE PARK WEST
NORTH ADDITION**

PROJECT LOCATION:

**CITY OF STOUGHTON, WI
DANE COUNTY**

PLAN MODIFICATIONS:

#	Date:	Description:
1	03.12.19	FINAL PLAT
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:

**SANITARY SEWER
STRUCTURE TABLES**

SHEET NUMBER:

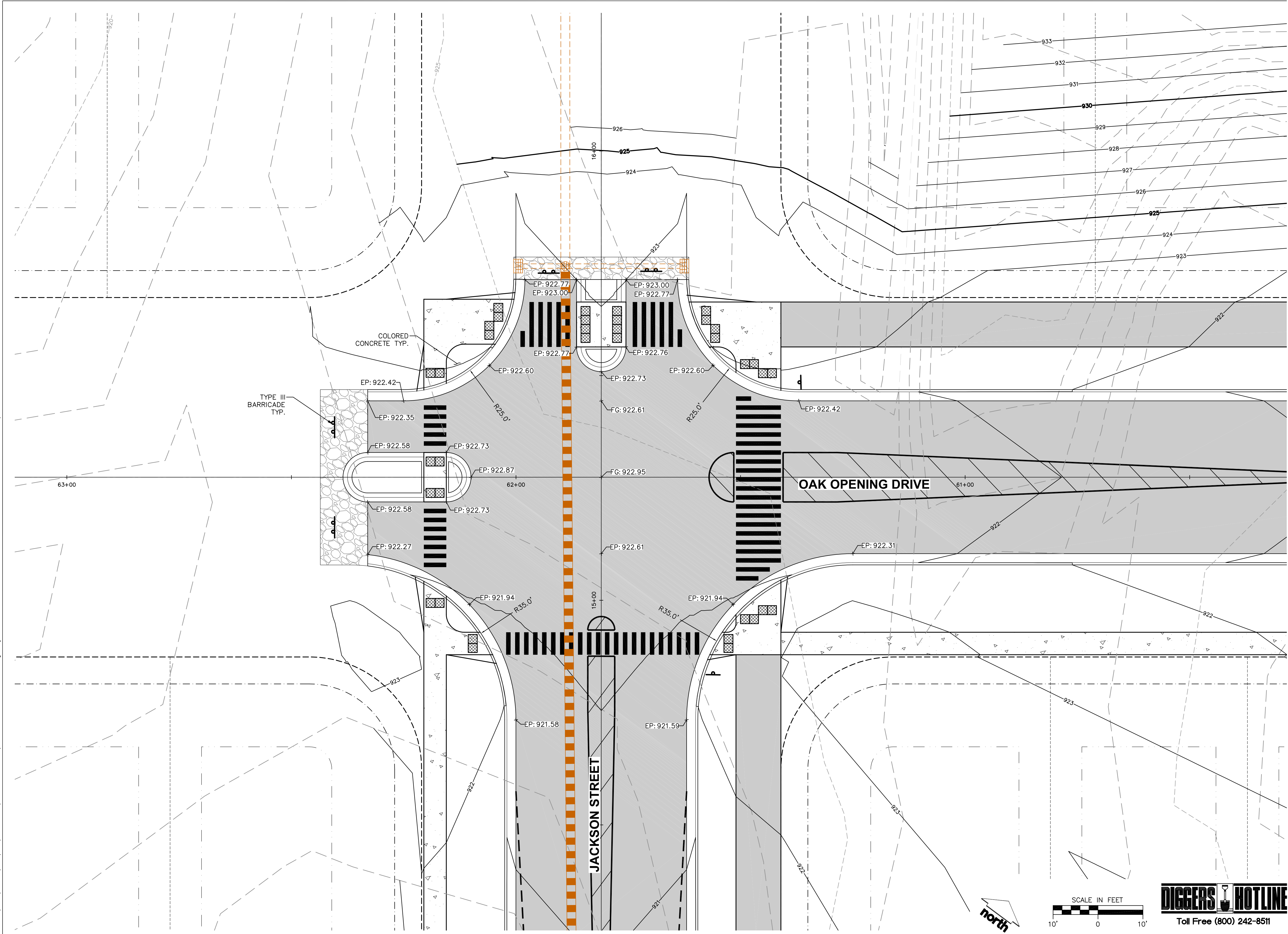
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KETTLE PARK WEST
NORTH ADDITION

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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
INTERSECTION DETAIL -
JACKSON ST & OAK
OPENING DR

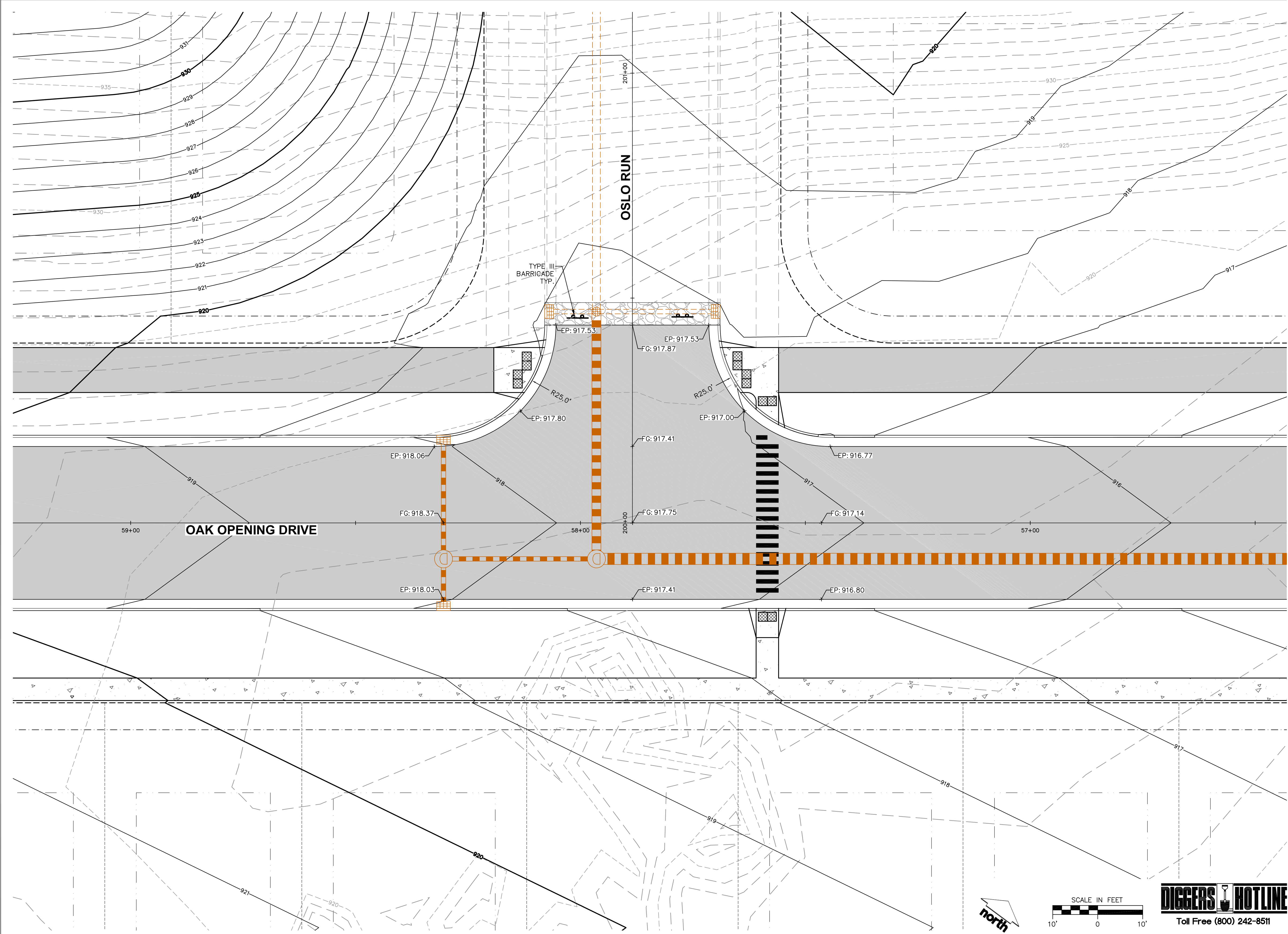
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C7.0

JSD PROJECT NO: 15-7018



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PRELIMINARY
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CONSTRUCTION

PROJECT:
KETTLE PARK WEST
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CITY OF STOUGHTON, WI
DANE COUNTY

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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
INTERSECTION DETAIL -
OAK OPENING DR & OSLO
RUN

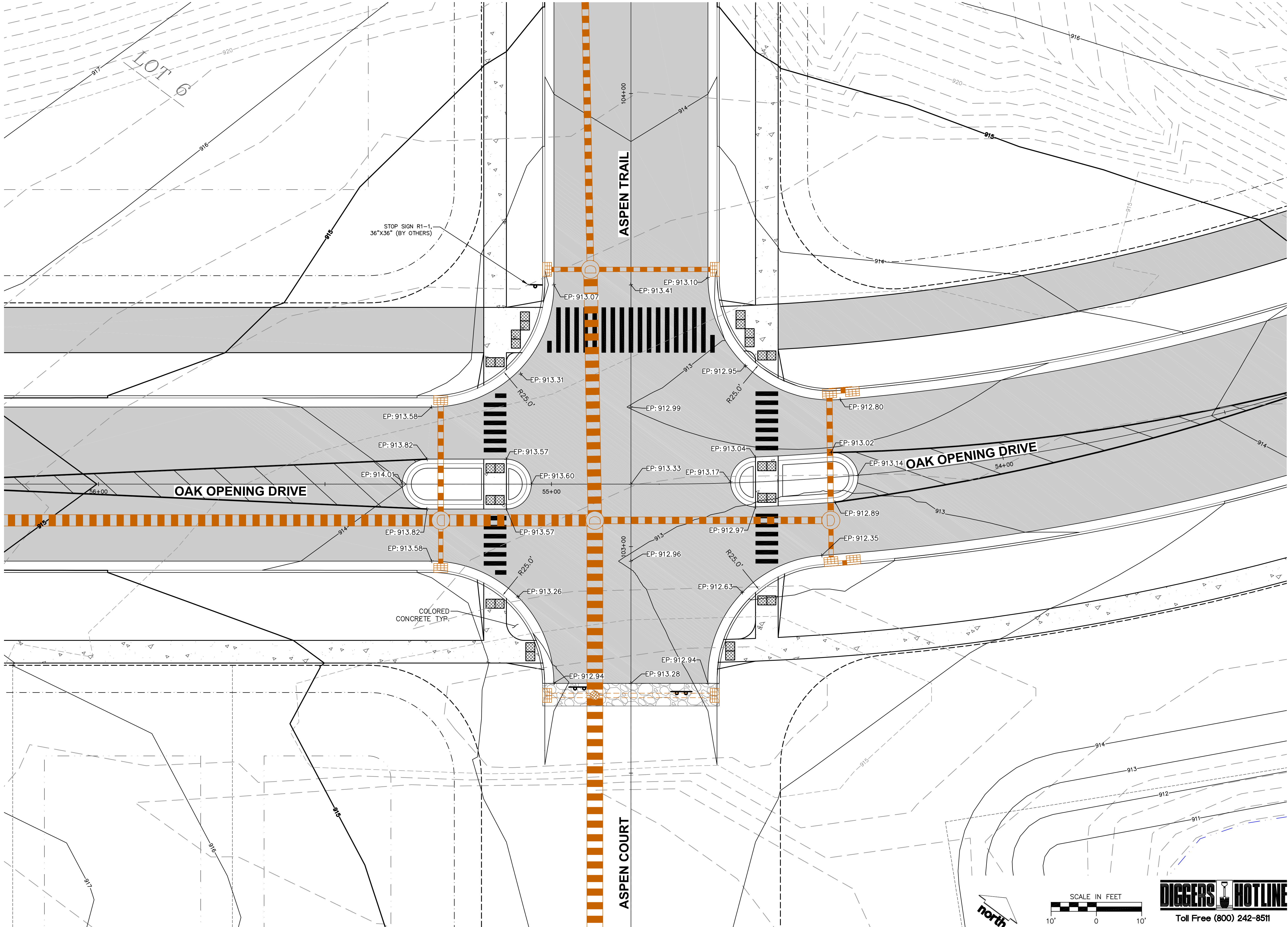
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CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

#	Date:	Description:
1	03.12.19	FINAL PLAT
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
INTERSECTION DETAIL -
OAK OPENING DR &
ASPEN TRAIL

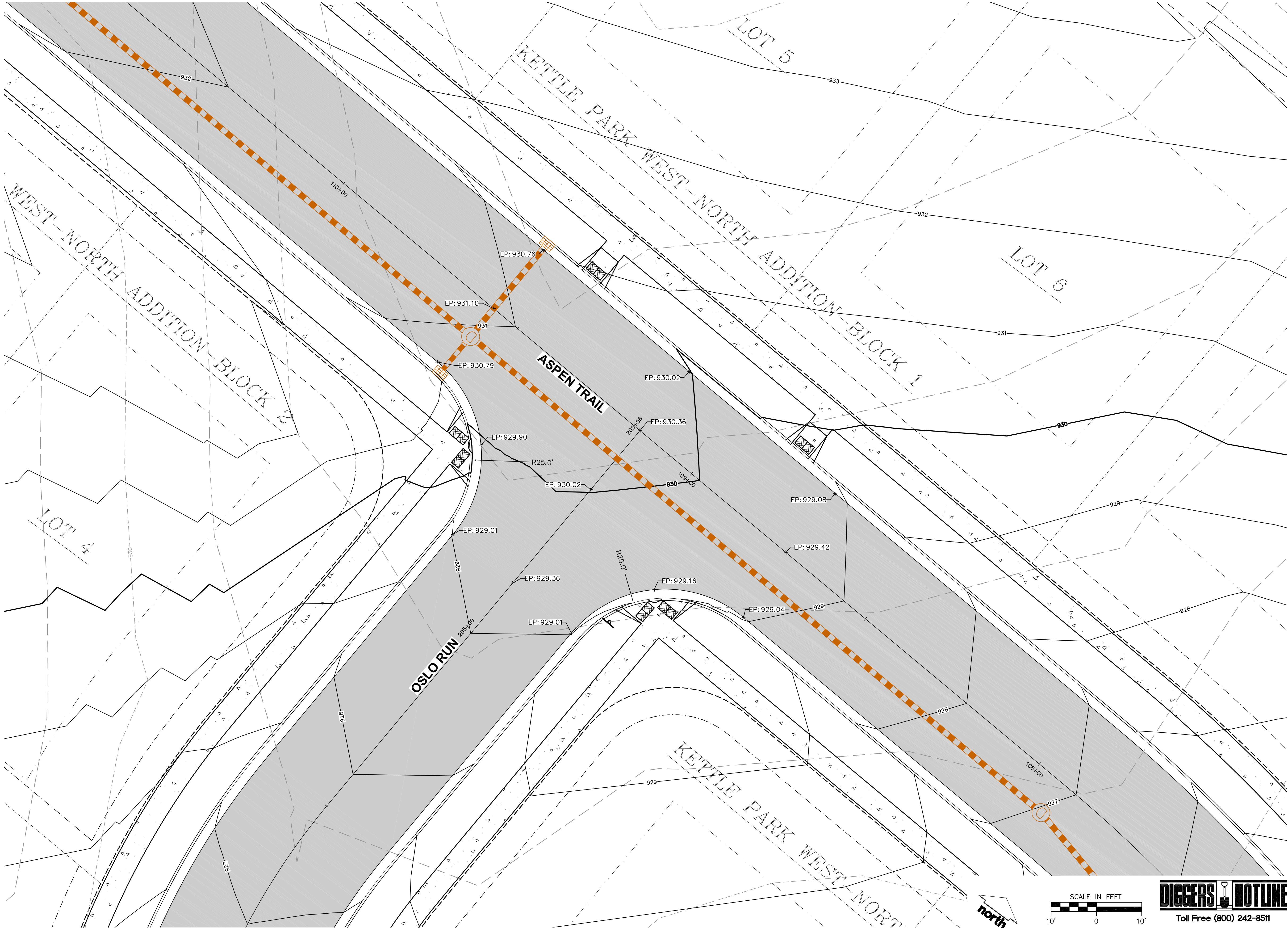
SHEET NUMBER:

C7.2

JSD PROJECT NO: 15-7018

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File: I:\2019\157018\DWG\Civil\Civil Sheets\PH2 First Addition\157018 C7.0 - Intersections.dwg Layout: C7.3 INTERSECTION DETAIL - ASPEN TRAIL & OSLO RUN User: eolson Plotted: Mar 11, 2019 - 1:32pm Xref's:



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KENOSHA | APPLETON | WAUSAU

MADISON REGIONAL OFFICE
161 HORIZON DRIVE, SUITE 101
VERONA, WISCONSIN 53593
P. 608.848.5060

CLIENT:



CLIENT ADDRESS:
161 HORIZON DRIVE, SUITE 101A
VERONA, WI 53508

**PRELIMINARY
NOT FOR
CONSTRUCTION**

PROJECT:
KETTLE PARK WEST
NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

#	Date:	Description:
1	03.12.19	FINAL PLAT
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

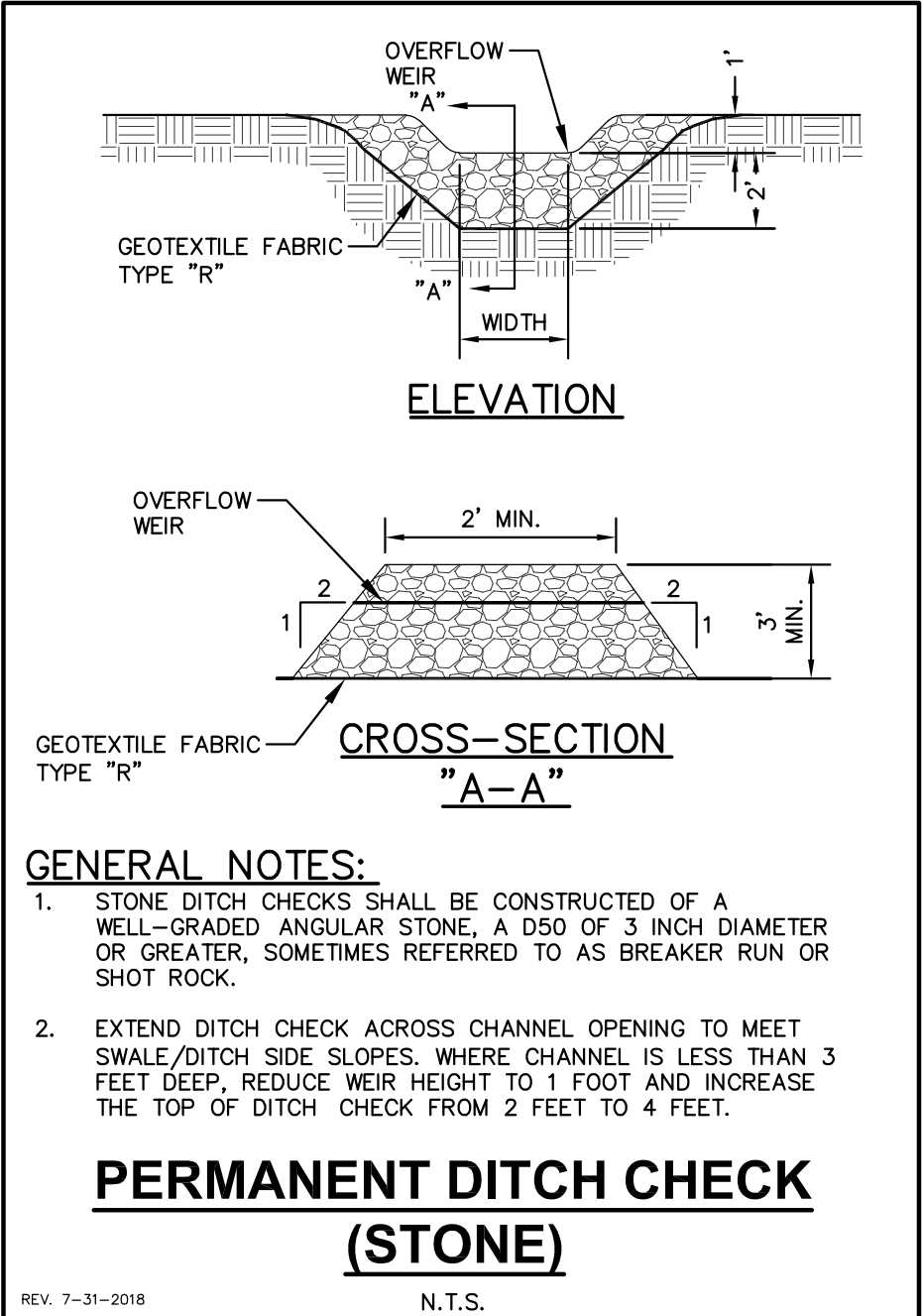
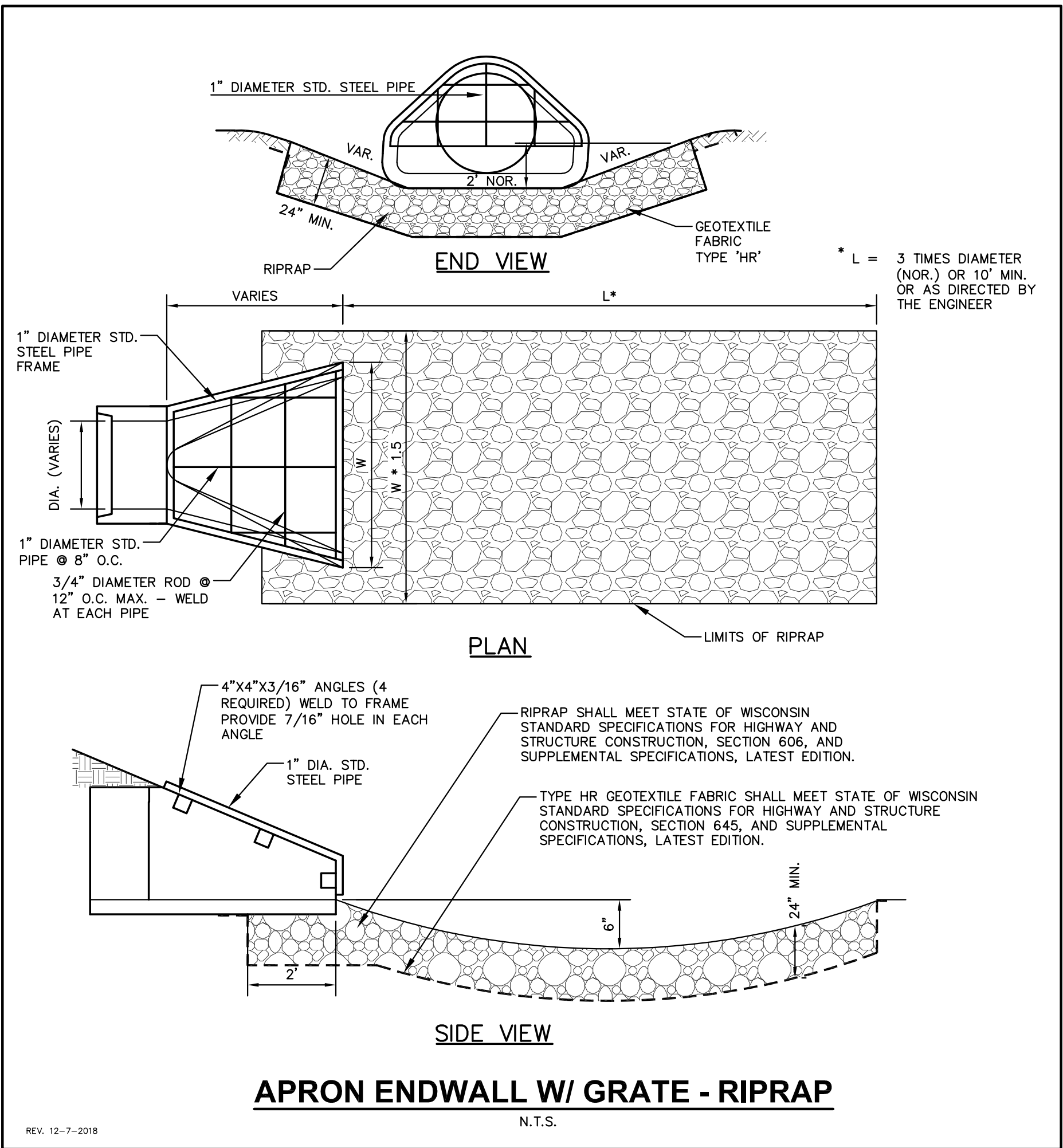
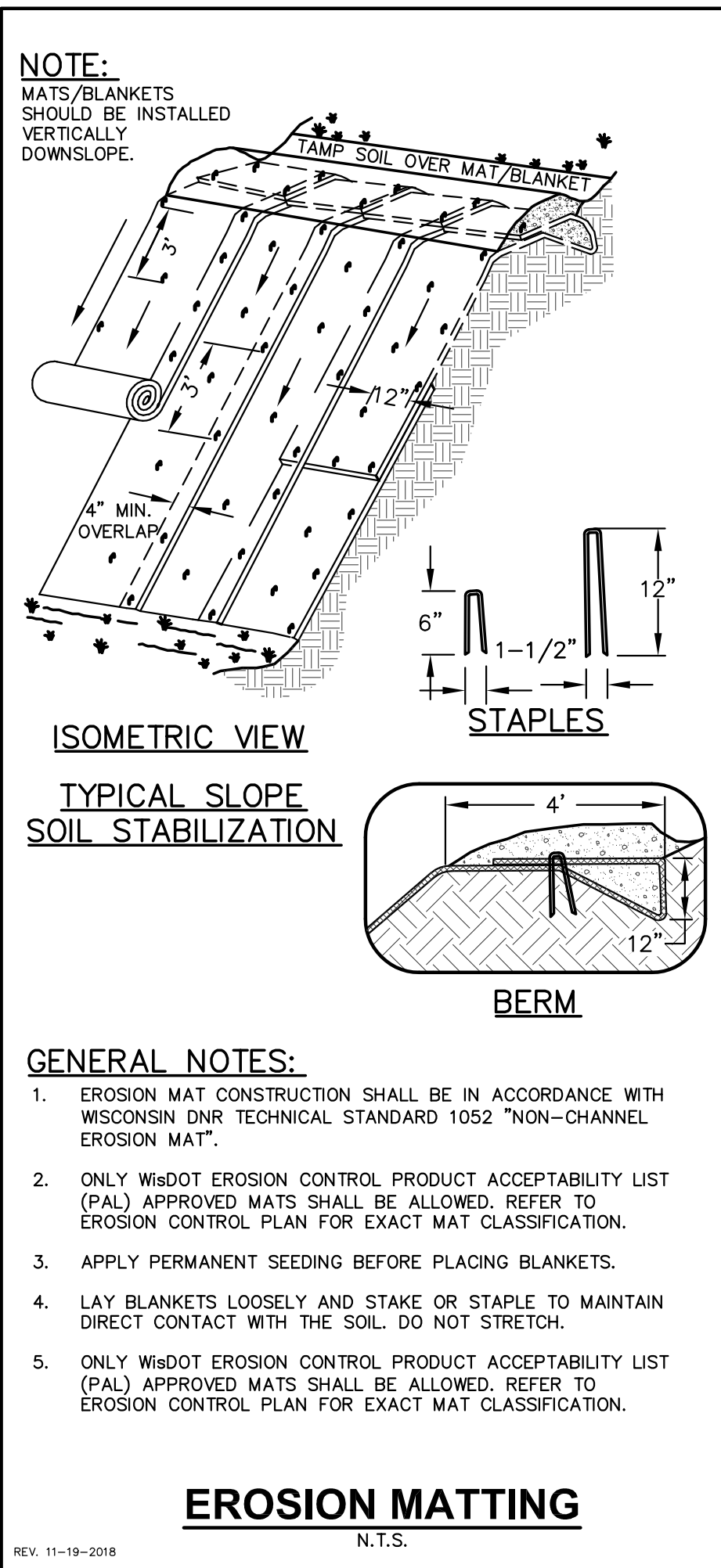
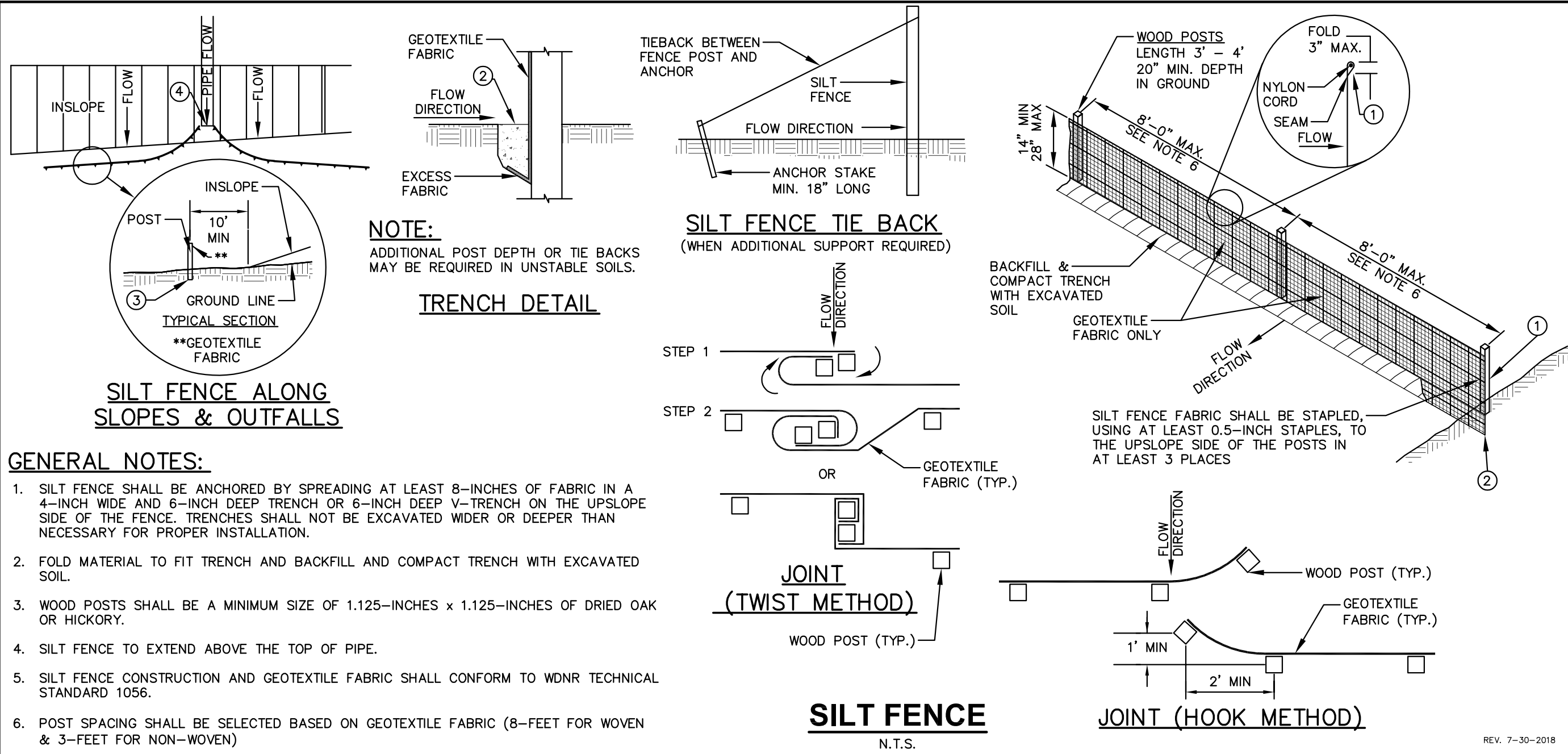
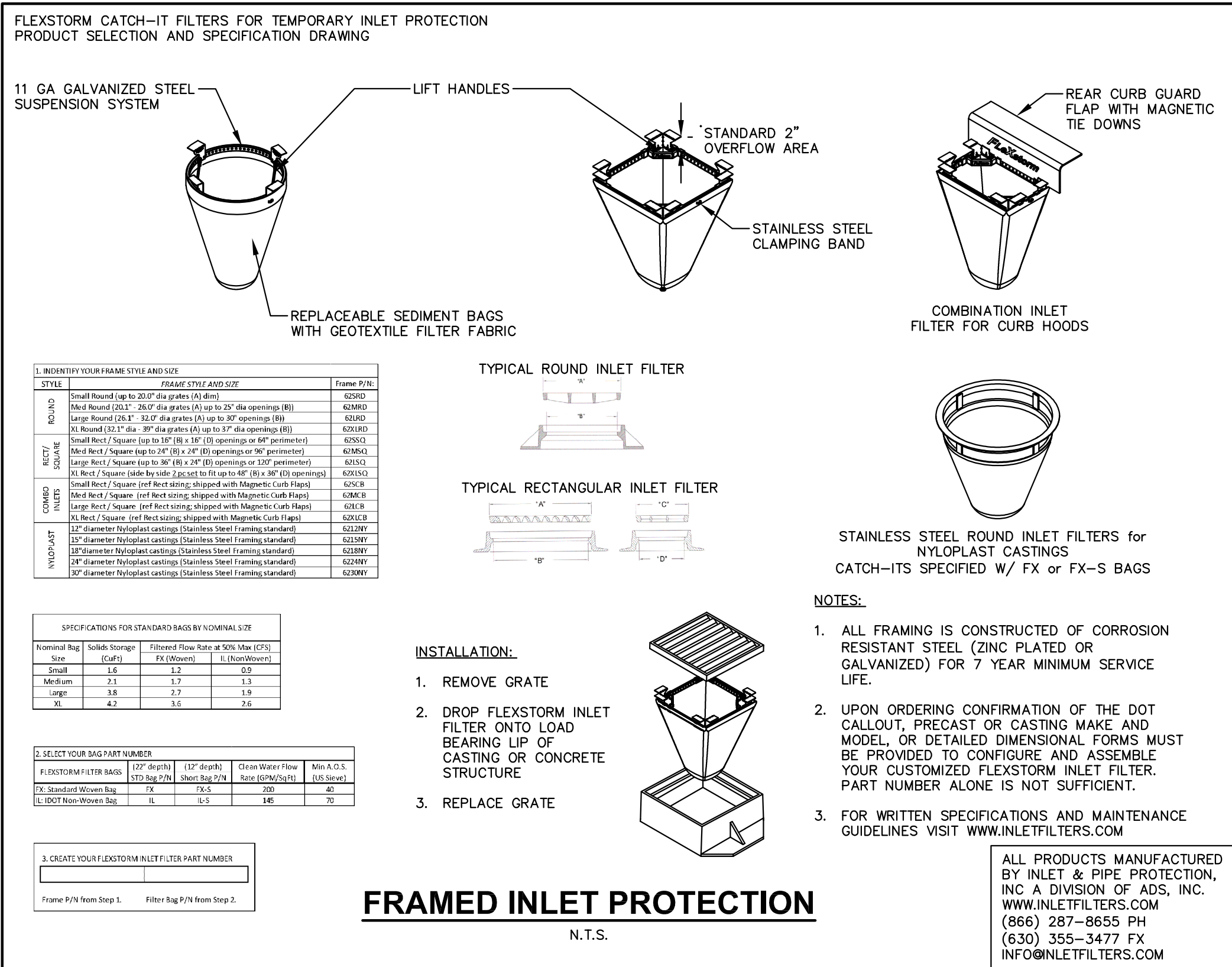
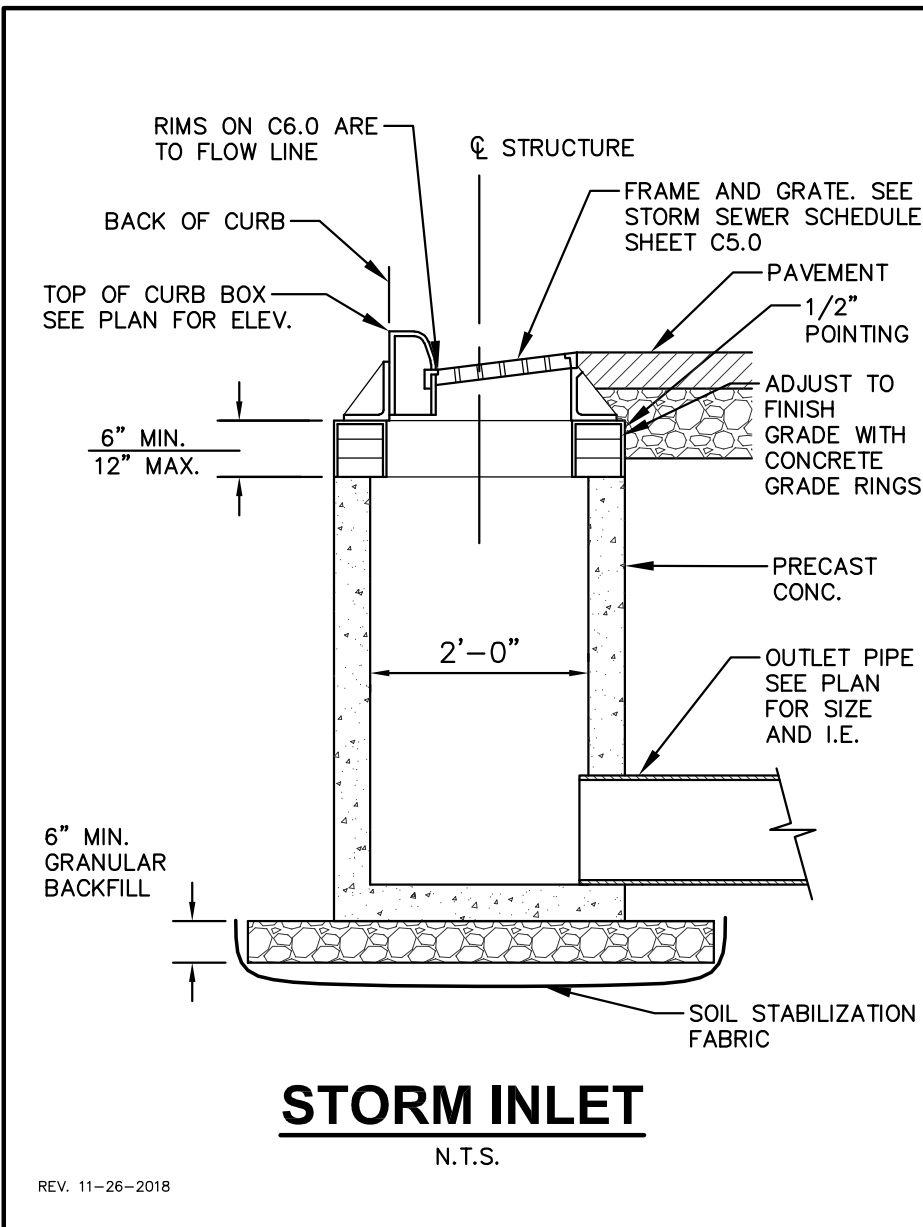
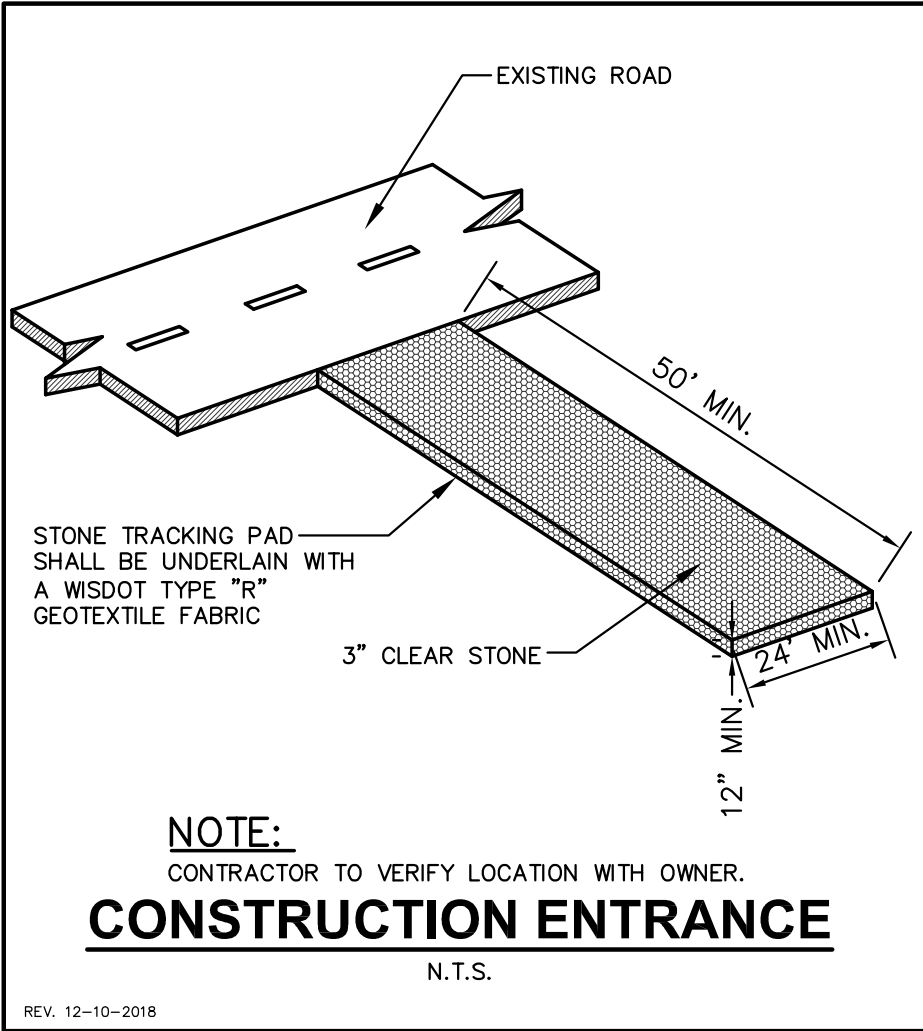
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INTERSECTION DETAIL -
ASPEN TRAIL & OSLO
RUN

SHEET NUMBER:

C7.3

JSD PROJECT NO: 15-7018

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KENOSHA APPLETON WAUSAU

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P. 608.848.5060

CLIENT:



CLIENT ADDRESS:
**161 HORIZON DRIVE, SUITE 101A
VERONA, WI 53508**

**PRELIMINARY
NOT FOR
CONSTRUCTION**

PROJECT:
**KETTLE PARK WEST
NORTH ADDITION**

PROJECT LOCATION:
**CITY OF STOUGHTON, WI
DANE COUNTY**

PLAN MODIFICATIONS:

#	Date:	Description:
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
CONSTRUCTION DETAILS

SHEET NUMBER:

C8.0

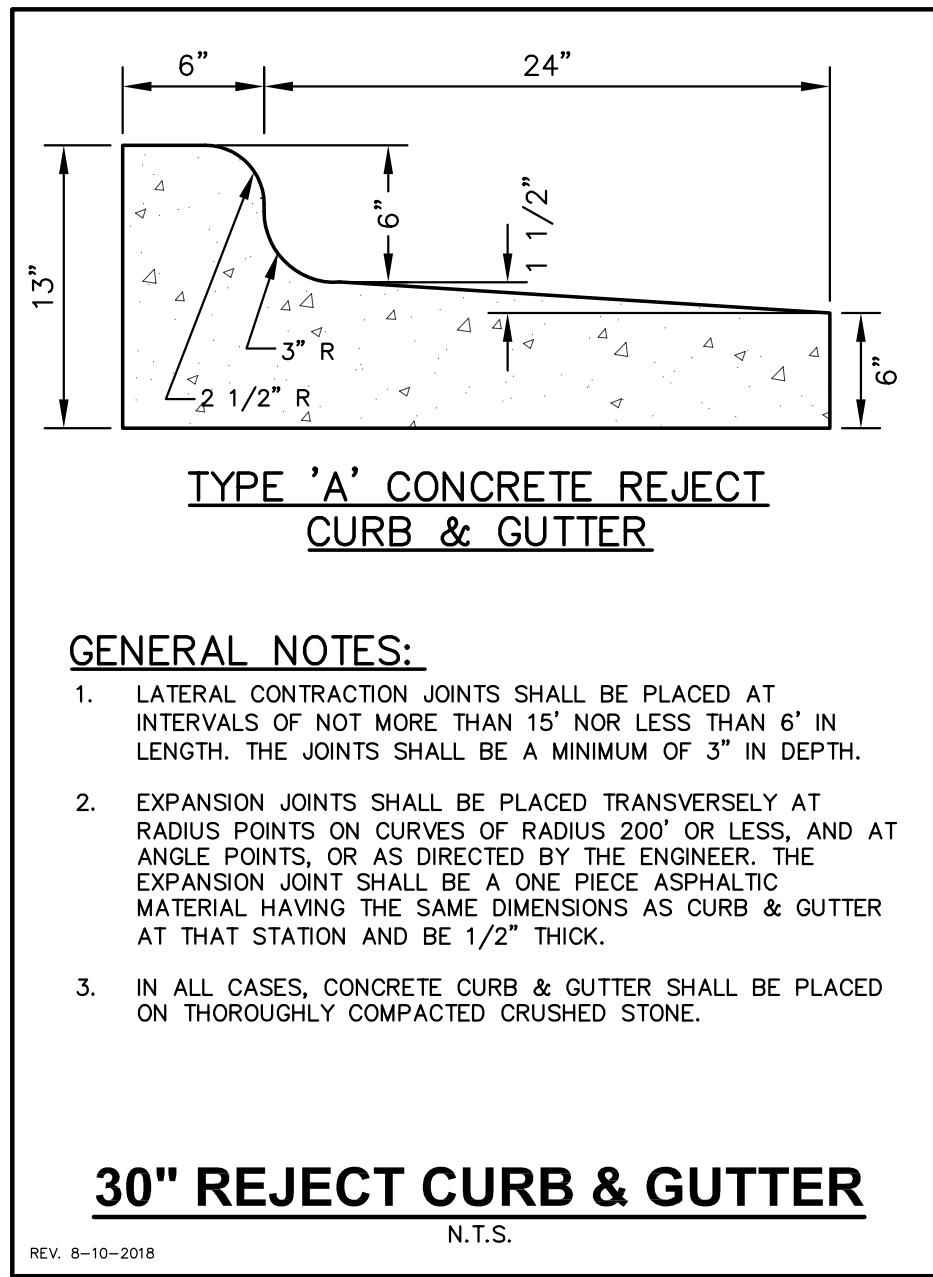
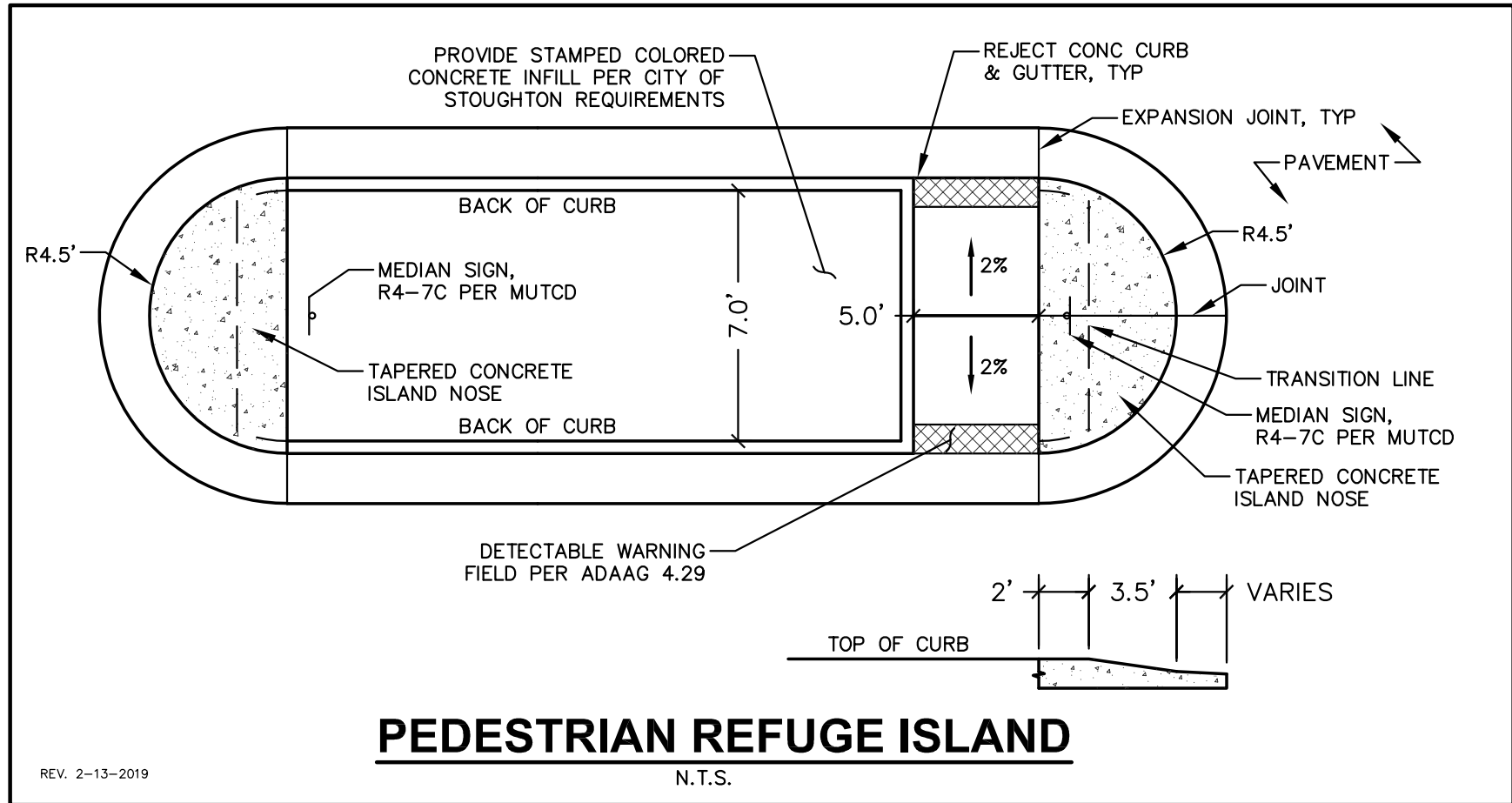
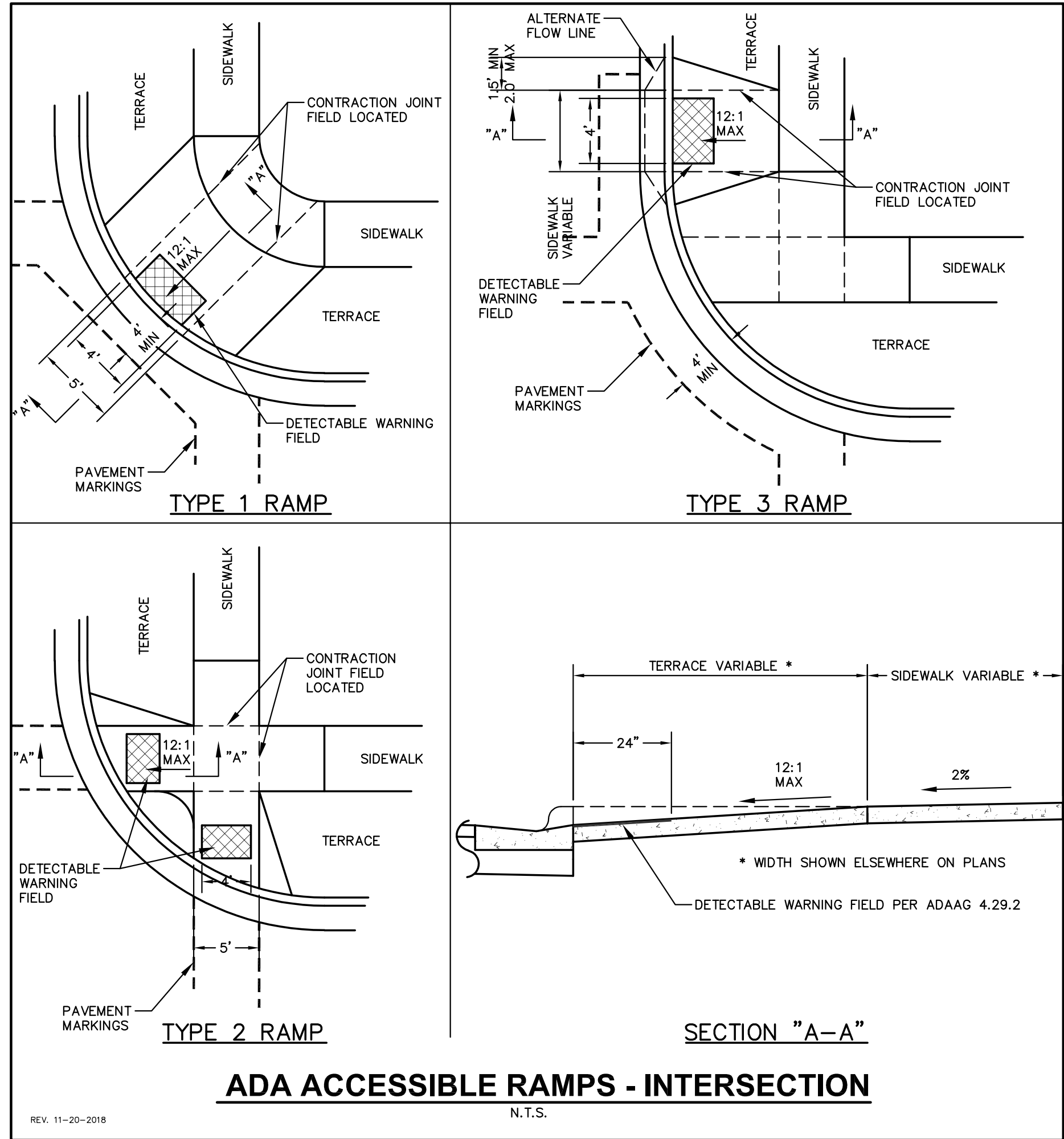
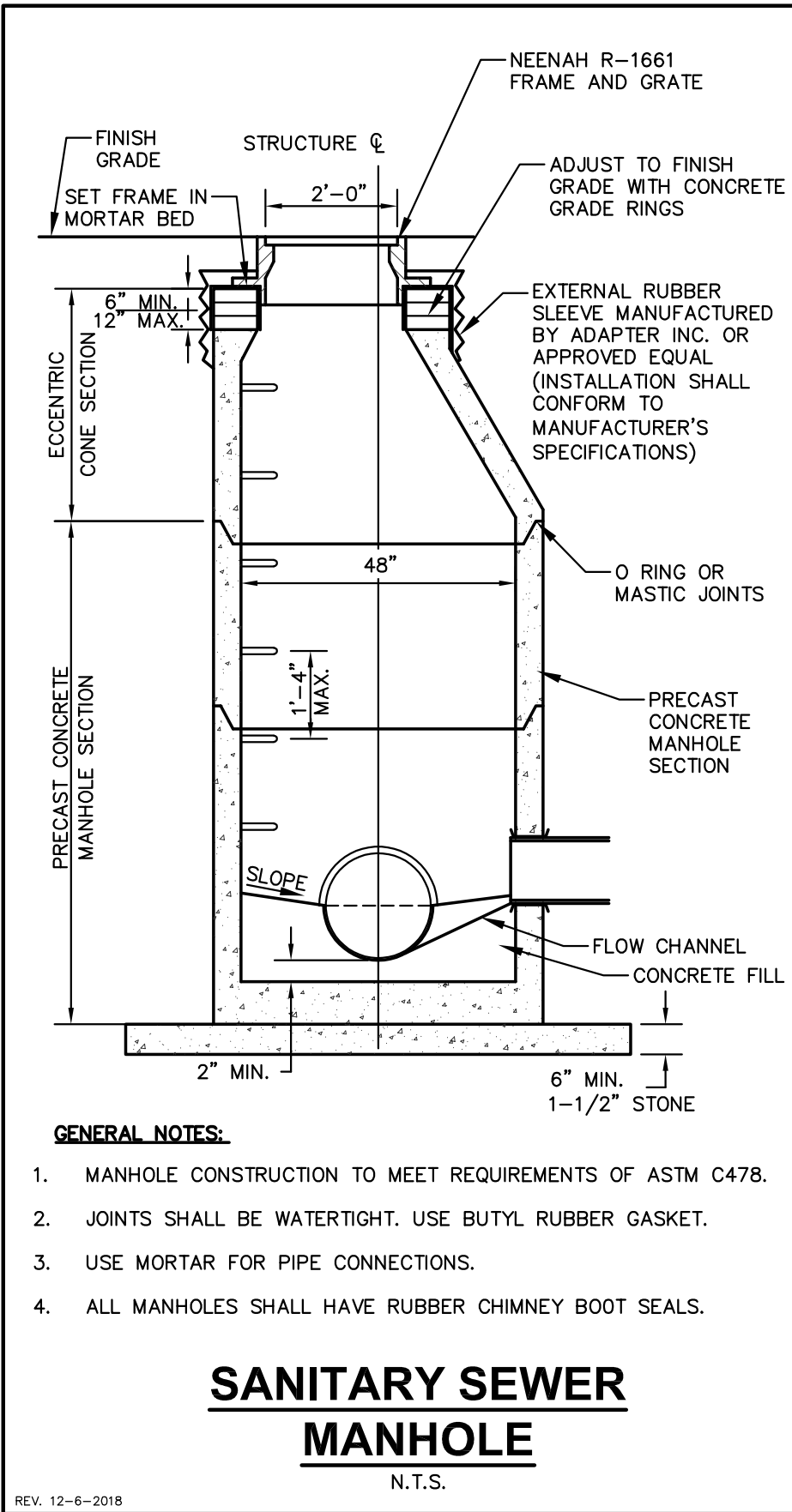
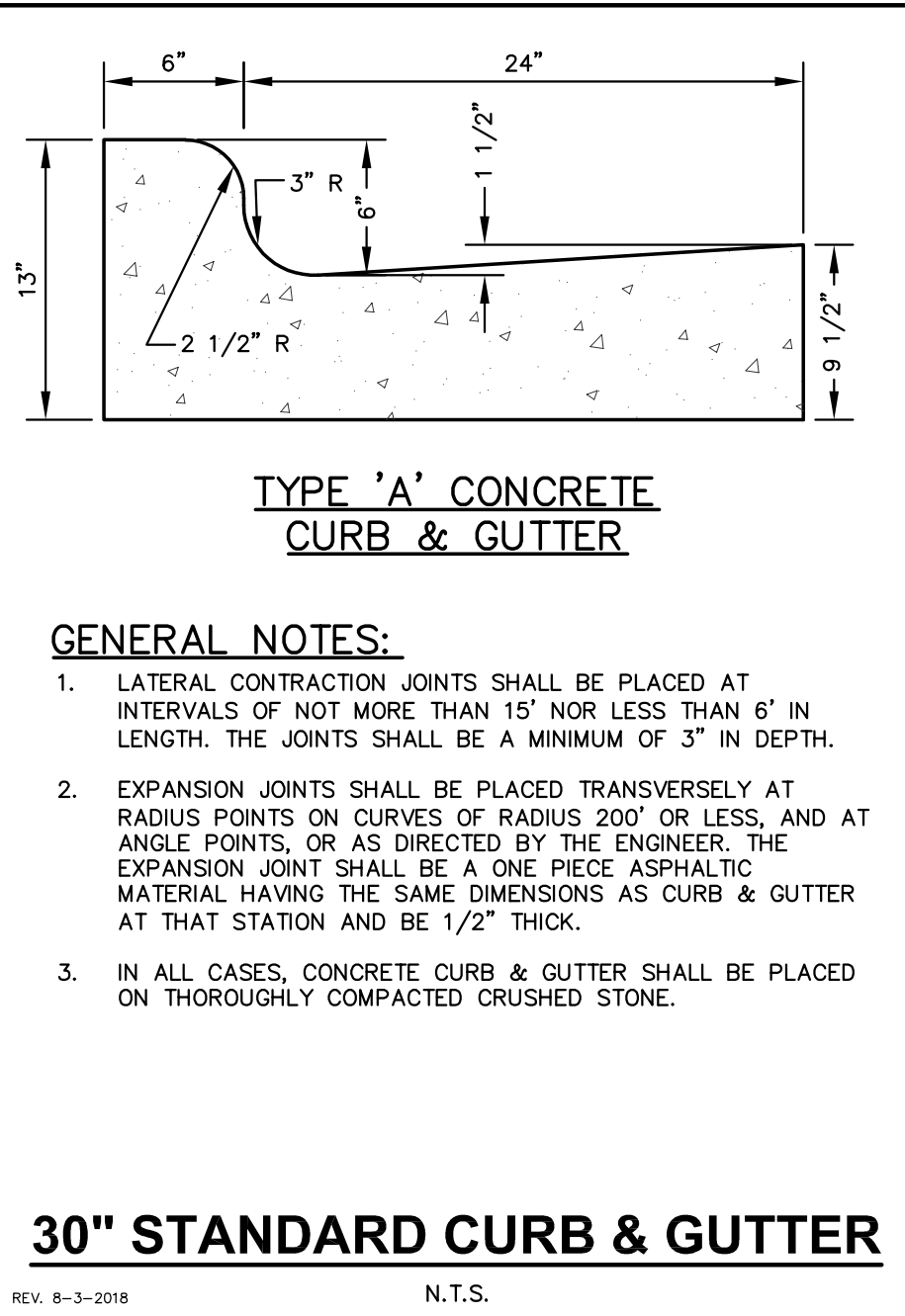
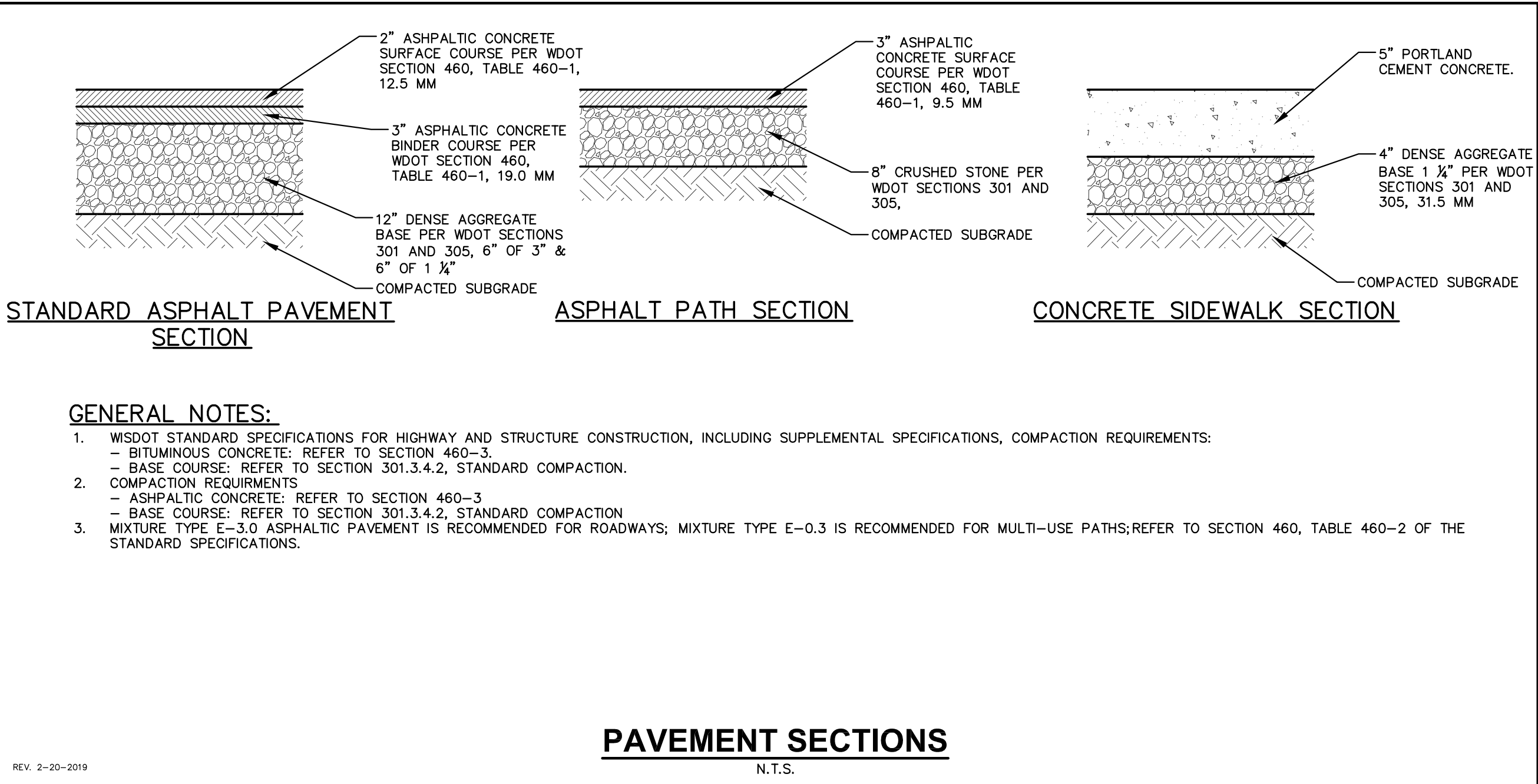
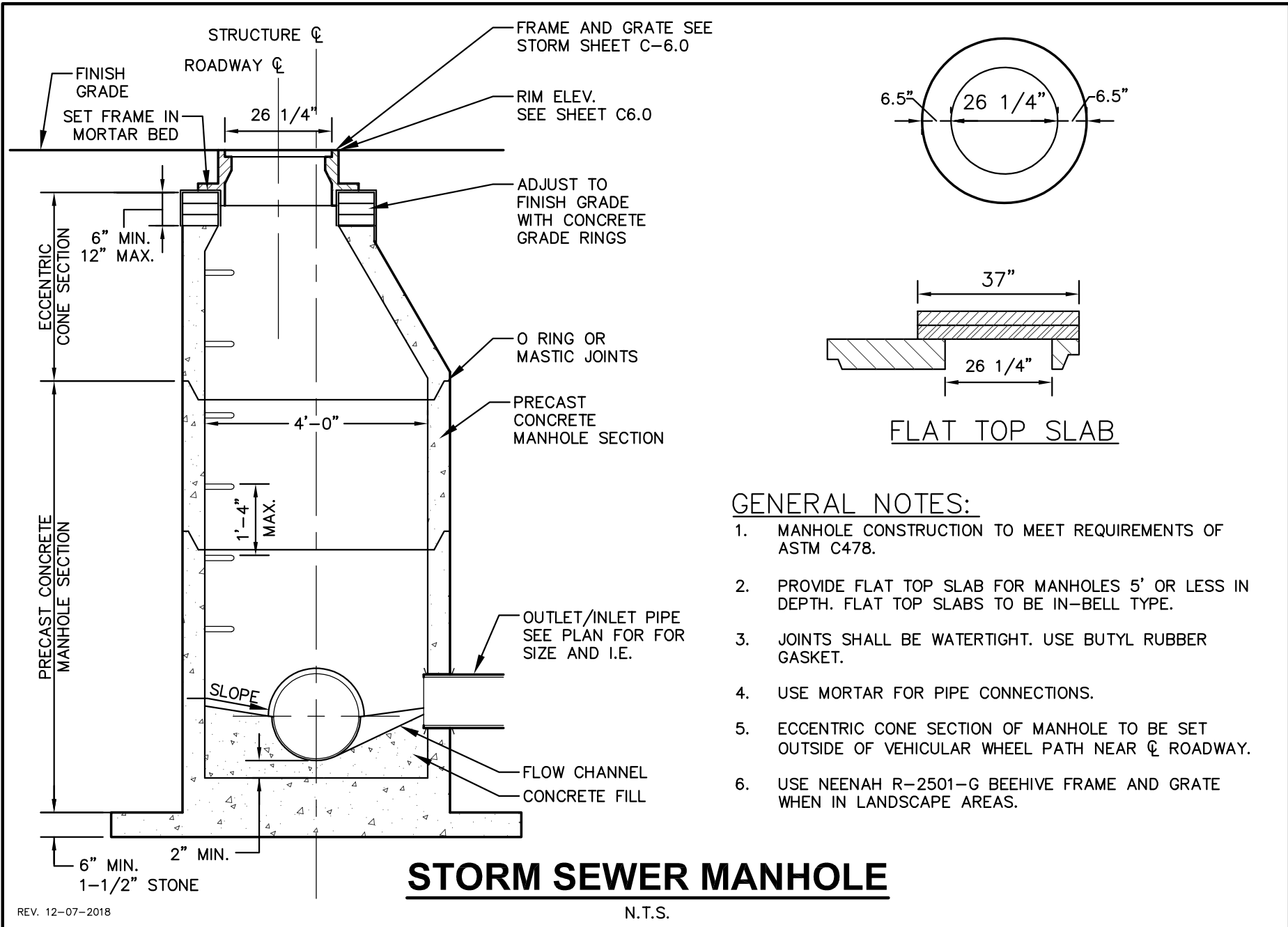
JSD PROJECT NO:

15-7018



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CLIENT ADDRESS:
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PRELIMINARY
NOT FOR
CONSTRUCTION

PROJECT:
KETTLE PARK WEST
NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:		
#	Date:	Description:
1	03.12.19	FINAL PLAT
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

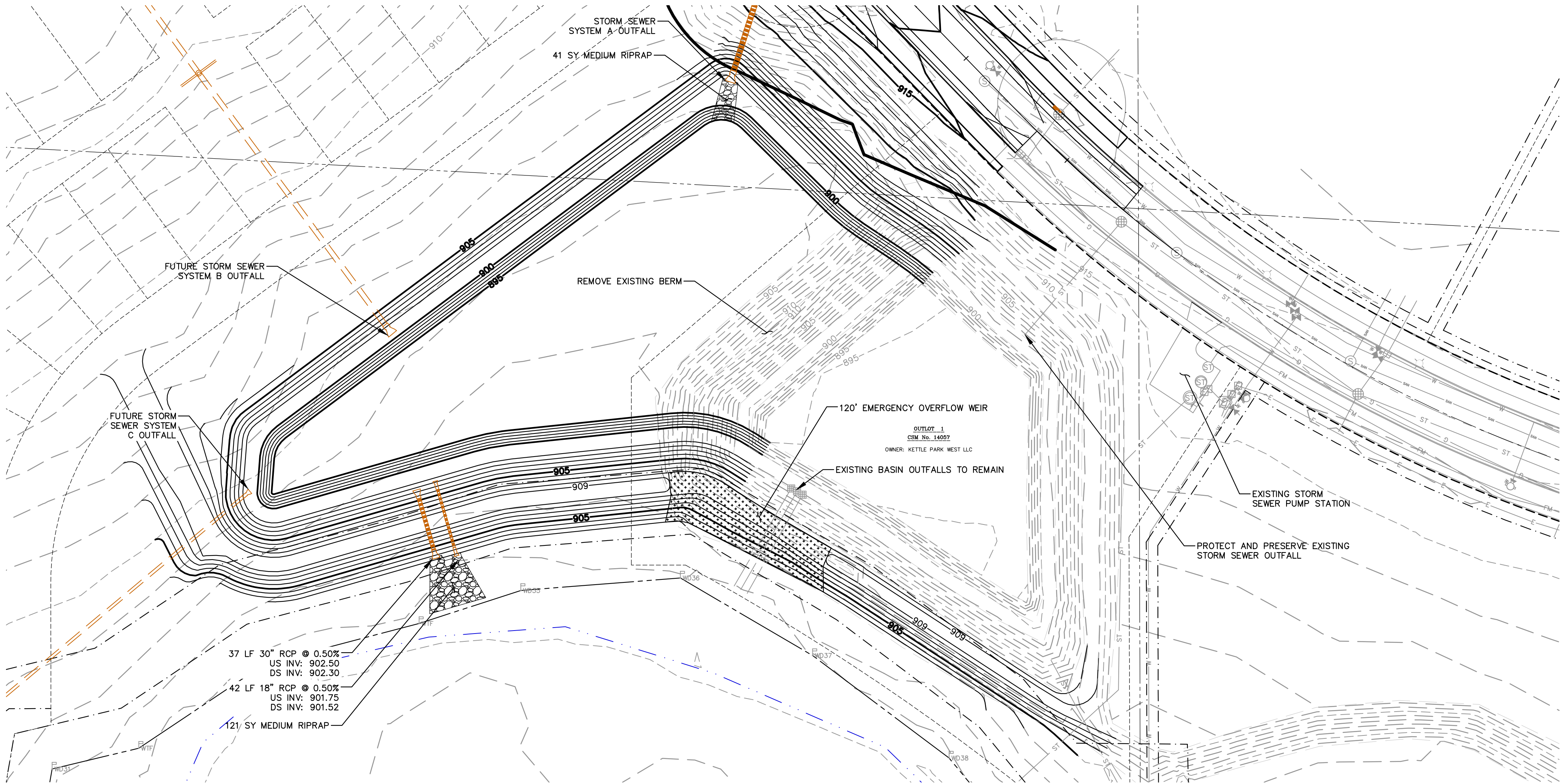
SHEET TITLE:
CONSTRUCTION DETAILS

SHEET NUMBER:
C8.1

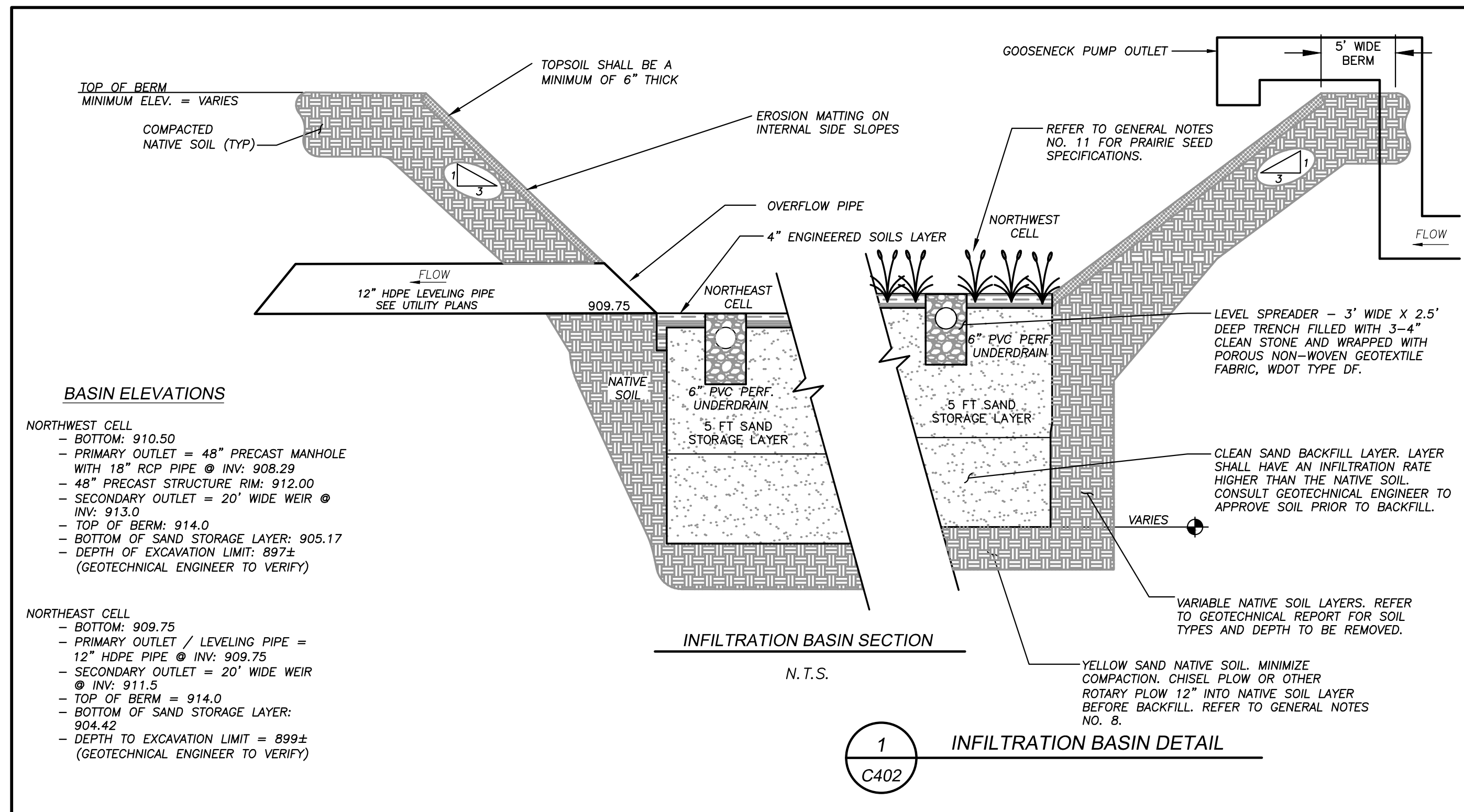
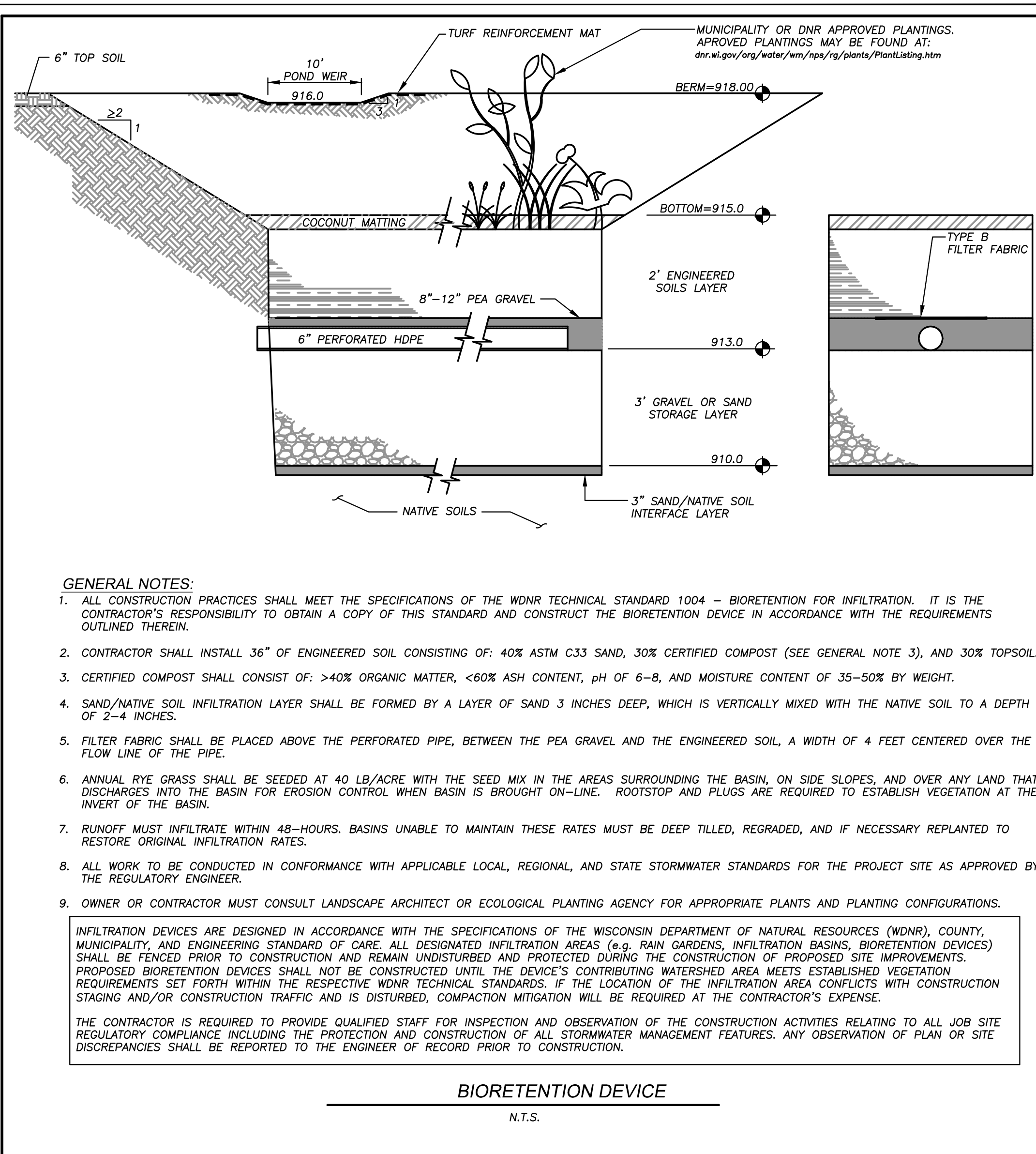
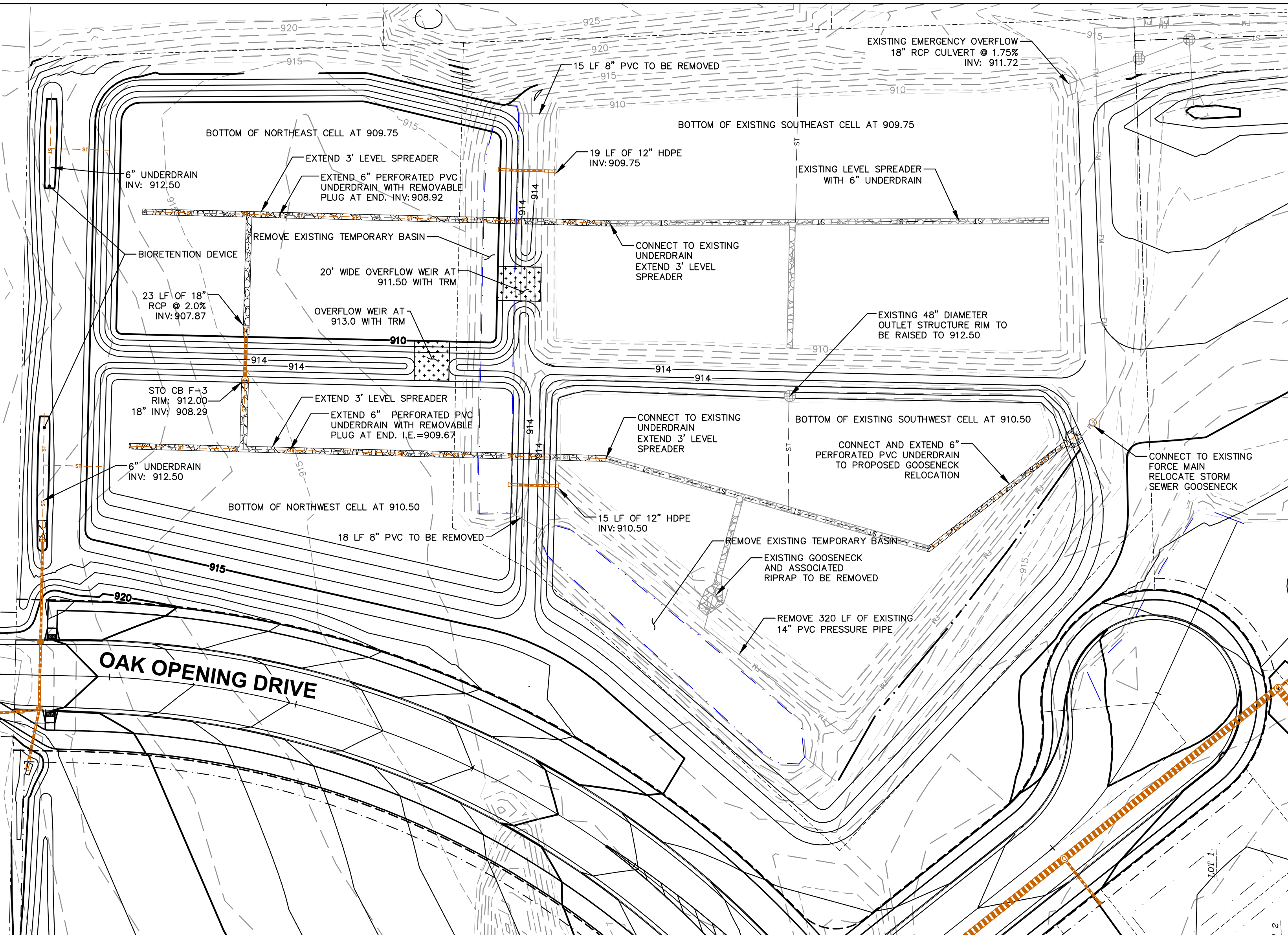
JSD PROJECT NO: 15-7018



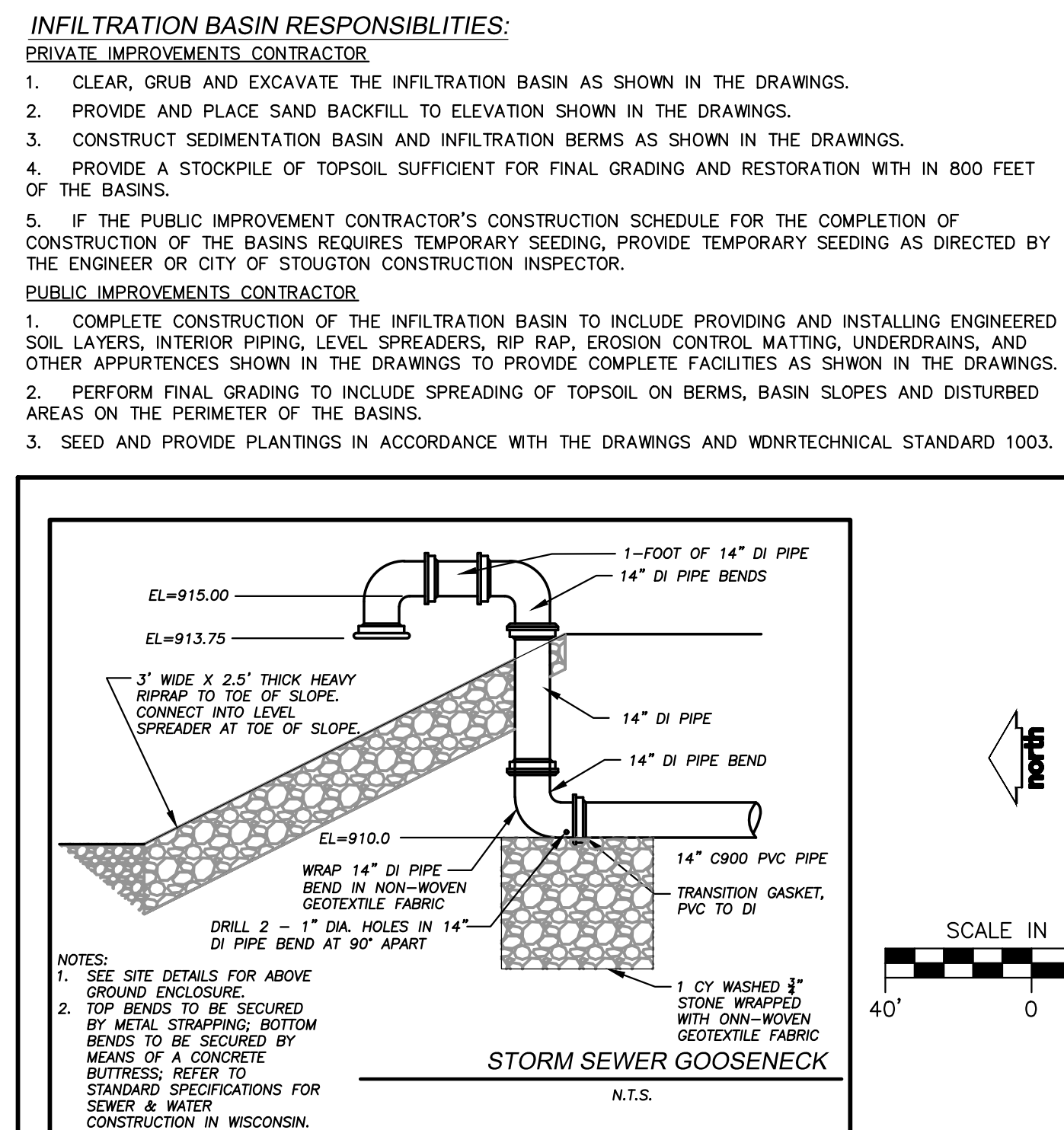
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File: I:\2019\157018\DWG\Civil\Civil Sheets\PH2 First Addition\157018 C9.0 - Stormwater Management Details.dwg Layout: Stormwater Management Details.dwg Plotted: Mar 11, 2019 - 5:23pm Xref's:



- GENERAL NOTES:**
- INFILTRATION BASIN SHALL BE CONSTRUCTED TO MEET THE SPECIFICATIONS OF WDNR TECHNICAL STANDARD 1003 - INFILTRATION BASIN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THIS STANDARD AND TO CONSTRUCT THE DEVICE IN ACCORDANCE WITH THE REQUIREMENTS OUTLINED THEREIN.
 - CONTRACTOR SHALL INSTALL 4" OF ENGINEERED SOIL CONSISTING OF: 70% ASTM C33 SAND AND 30% CERTIFIED COMPOST.
 - CERTIFIED COMPOST SHALL CONSIST OF: >40% ORGANIC MATTER, <60% ASH CONTENT, pH OF 6-8, AND MOISTURE CONTENT OF 35-50% BY WEIGHT.
 - RUNOFF MUST INFILTRATE WITHIN 5 HOURS. BASINS UNABLE TO MAINTAIN THESE RATES MUST BE DEEP TILLED, REGRADED, AND REPLANTED TO RESTORE ORIGINAL INFILTRATION RATES.
 - ALL WORK TO BE CONDUCTED IN CONFORMANCE WITH APPLICABLE LOCAL, REGIONAL, AND STATE STORMWATER STANDARDS FOR THE PROJECT SITE AS APPROVED BY THE REGULATORY ENGINEER OF RECORD.
 - OWNER OR CONTRACTOR MUST CONSULT LANDSCAPE ARCHITECT OR ECOLOGICAL PLANNING AGENCY FOR APPROPRIATE PLANTS AND PLANTING CONFIGURATIONS. REFER TO WDNR TECHNICAL STANDARD 1003 FOR SPECIFIC PLANTING REQUIREMENTS.
 - IMMEDIATELY INSTALL FILTER FABRIC OVER ALL OUTLETS DURING CONSTRUCTION TO PREVENT SEDIMENT DEPOSITION IN THE PIPING. (REMOVE FOLLOWING STABILIZATION OF THE CONTRIBUTING AREA)
 - THE INFILTRATION BASIN SHALL BE GRADED TO SUBGRADE (COORDINATE FINAL DEPTH NEEDED WITH GEOTECHNICAL ENGINEER) BY THE PRIVATE SITE CONTRACTOR. COORDINATE WITH PRIVATE SITE CONTRACTOR TO BEGIN REMAINING INSTALLATION WORK, INCLUDING CHISEL PLOWING THE NATIVE SOIL, TO MINIMIZE SILTATION AT THE BOTTOM OF THE BASIN.
 - PRIORITY SHOULD BE GIVEN TO INFILTRATION BASIN INSTALLATION OVER ALL OTHER CONSTRUCTION SO THAT ESTABLISHMENT OF THE NATIVE PLANTS CAN TAKE PLACE.
 - THE PUMP SHOULD NOT BE USED, EXCEPT AS DIRECTED BY THE ENGINEER / LANDSCAPE ARCHITECT, FOR THE FIRST YEAR AFTER PLANTING THE BASIN TO ALLOW FOR ESTABLISHMENT.
 - MATERIALS - SEED: INFILTRATION AREAS TO BE HAND SEEDED WITH "DIVERSE PRAIRIE FOR MEDIUM SOILS" SEED MIX (ITEM NO. 50012) AS PROVIDED BY PRAIRIE NURSERY, P.O. BOX 306, WESTFIELD, WISCONSIN, 53964, TEL. 608-296-3679. INSTALL SEED WITH SUPPLEMENTAL MATERIALS AND AMENDMENTS AS RECOMMENDED BY SEED SUPPLIER AND AT RATES AND OPTIMUM TIMES OF THE YEAR AS RECOMMENDED BY THE SEED SUPPLIER TO ENSURE SUCCESSFUL GERMINATION AND SEED/ROOT ZONE GROWTH DEVELOPMENT.



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P. 608.848.5060

CLIENT:



CLIENT ADDRESS:

**161 HORIZON DRIVE, SUITE 101A
VERONA, WI 53508**

**PRELIMINARY
NOT FOR
CONSTRUCTION**

PROJECT:

**PRELIMINARY PLAT OF
KETTLE PARK WEST II**

PROJECT LOCATION:

**CITY OF STOUGHTON, WI
DANE COUNTY**

PLAN MODIFICATIONS:

#	Date:	Description:
1	02.22.19	DRAFT PRELIMINARY PLAT
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Design/Drawn: MSS/CLH/EWO/CHG
Approved: WHD/TAT

**SHEET TITLE:
STORMWATER
MANAGEMENT DETAILS**

SHEET NUMBER:

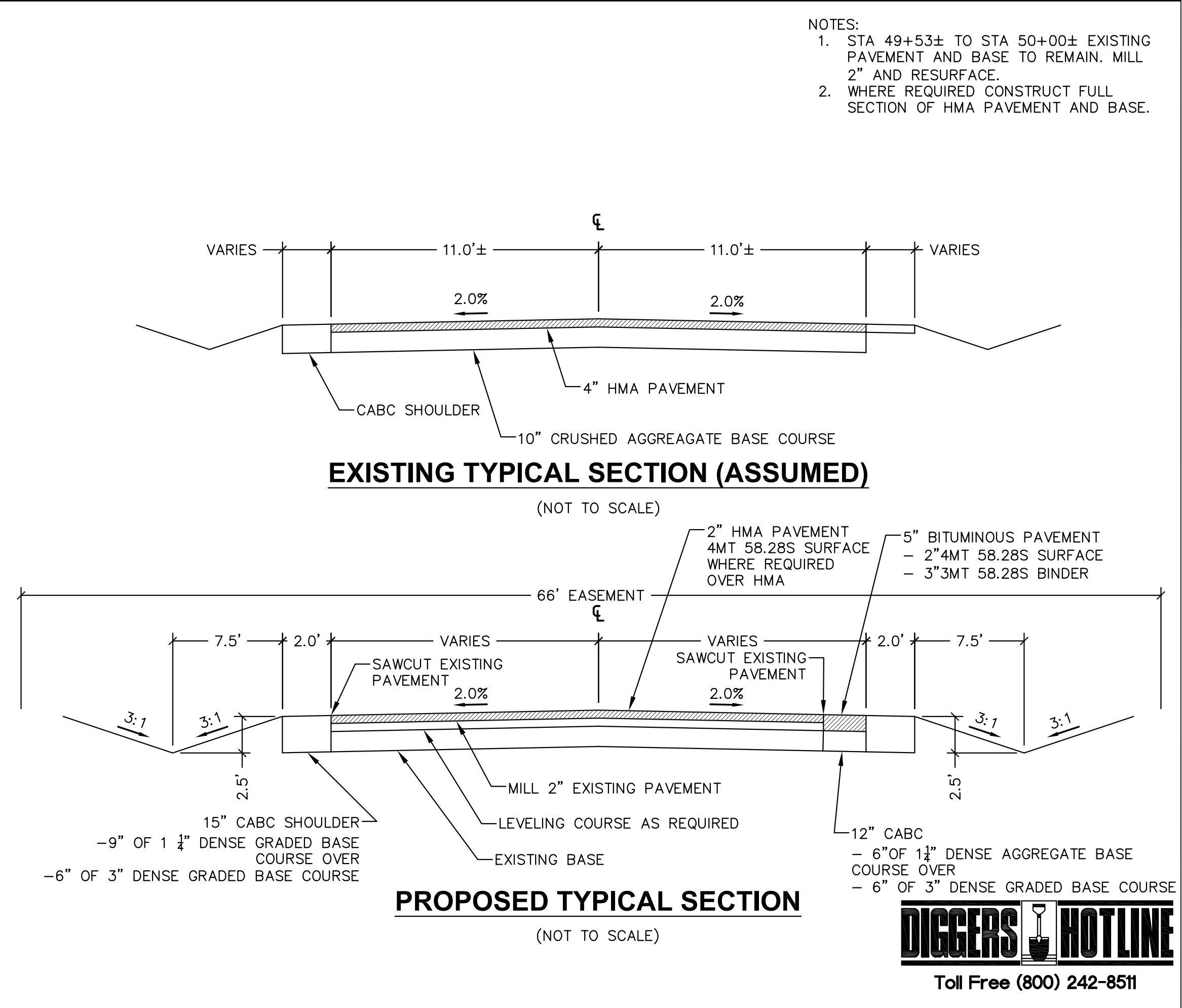
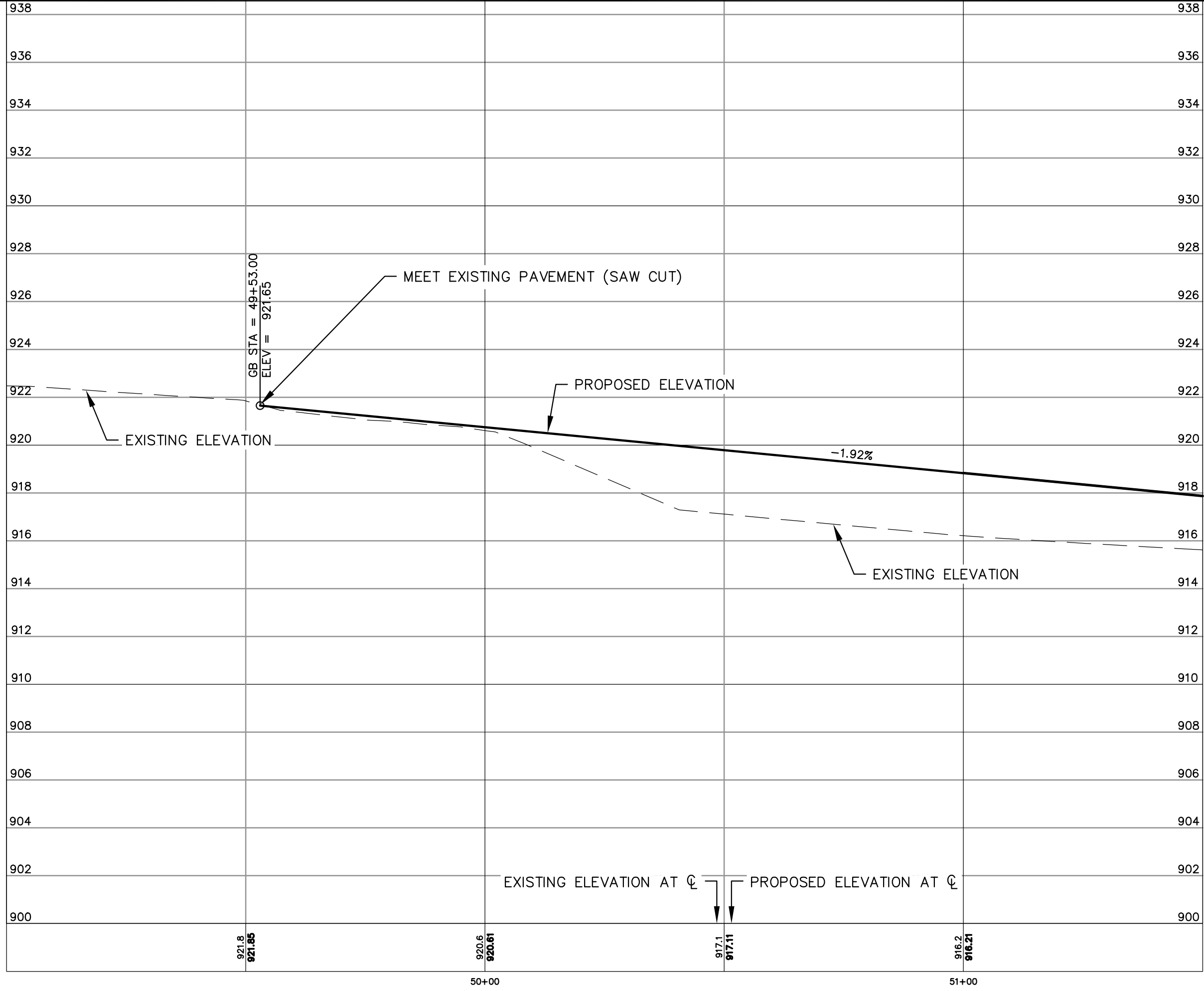
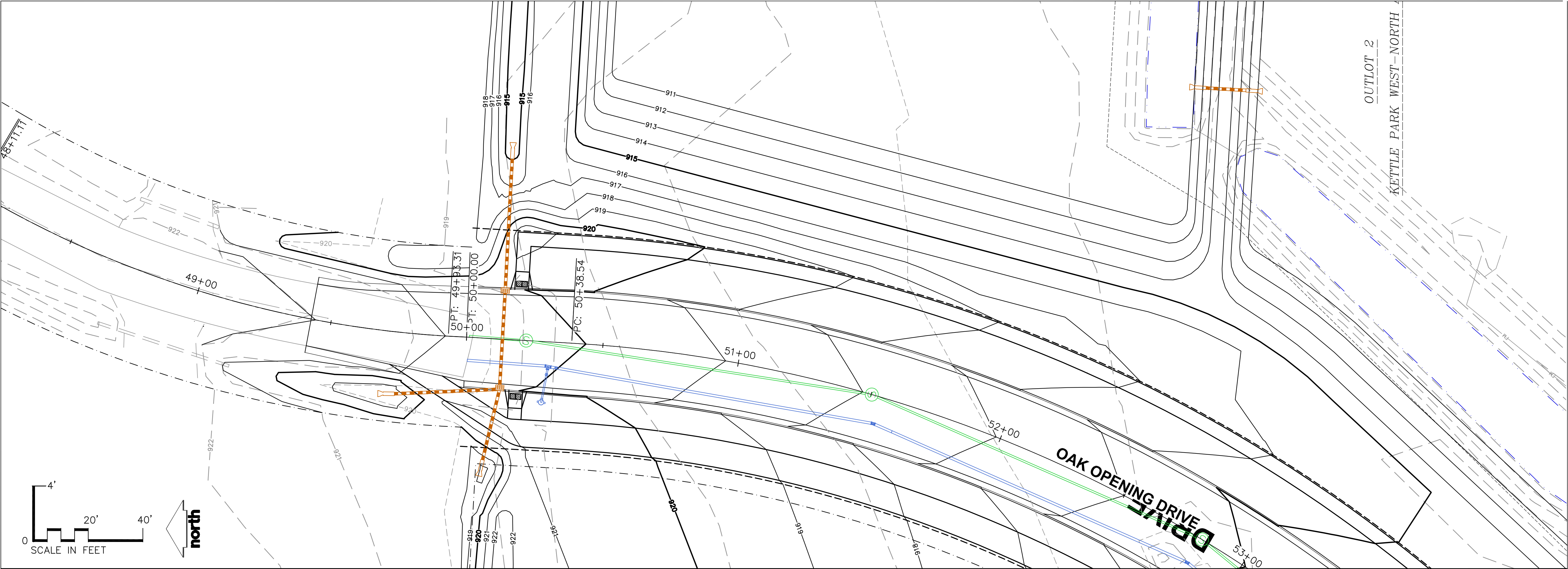
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JSD PROJECT NO:

15-7018

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File: I:\2019\157018\DWG\Civil\Civil Sheets\FPLAT\157018 Var - Oak Opening Dr Temp Connection.dwg Layout: C10.0 OAK TEMP -FPLAT User: edison Plotted: Mar 11, 2019 - 1:39pm Xref's:



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P. 608.848.5060

CLIENT:



CLIENT ADDRESS:
**161 HORIZON DRIVE, SUITE 101A
VERONA, WI 53508**

**PRELIMINARY
NOT FOR
CONSTRUCTION**

PROJECT:

**KETTLE PARK WEST
NORTH ADDITION**

PROJECT LOCATION:

**CITY OF STOUGHTON, WI
DANE COUNTY**

PLAN MODIFICATIONS:

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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:

**OAK OPENING
TEMPORARY
CONNECTION**

SHEET NUMBER:

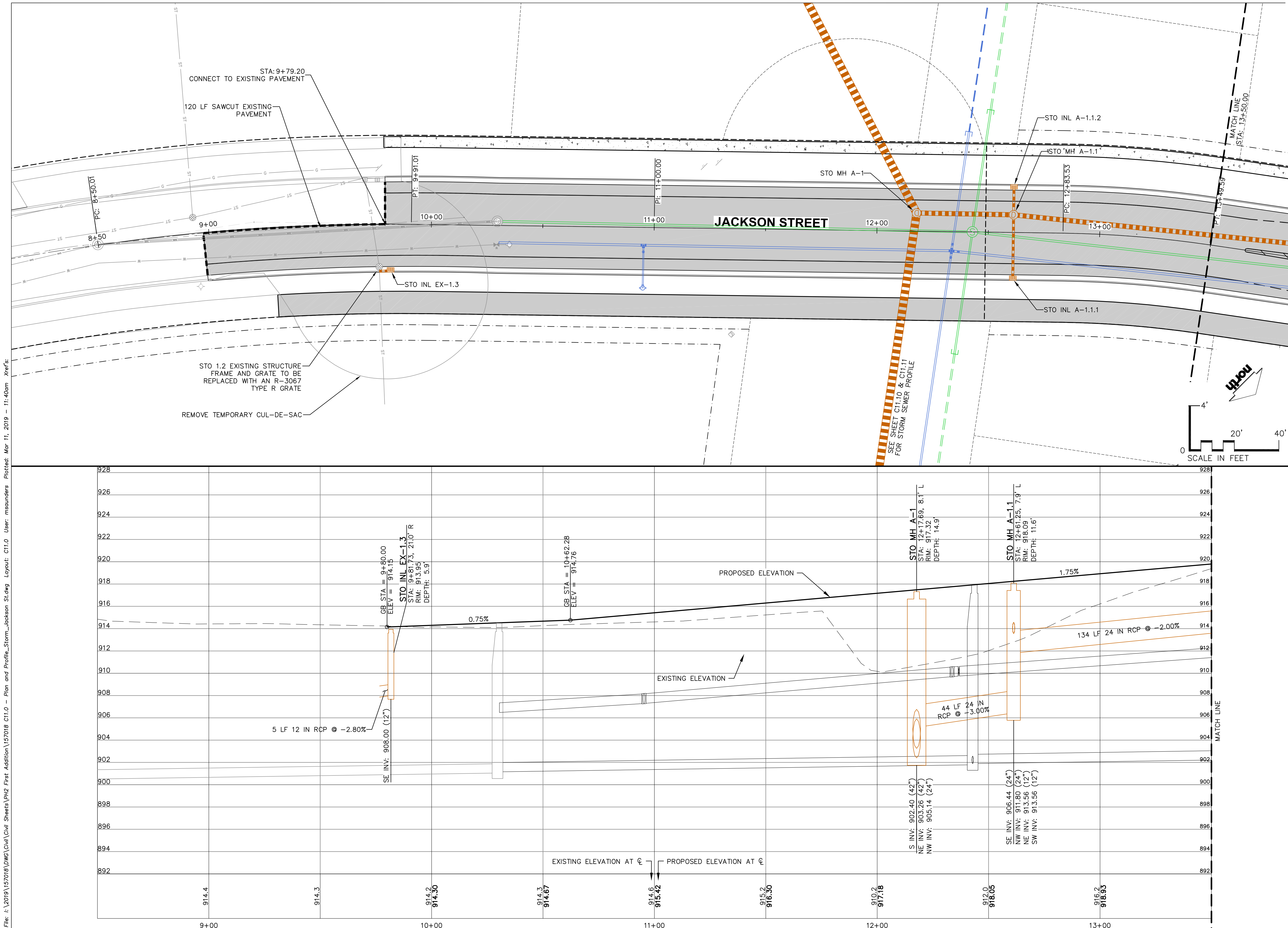
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JSD PROJECT NO:

15-7018

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P. 608.848.5060

CLIENT:



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VERONA, WI 53508

PRELIMINARY
NOT FOR
CONSTRUCTION

PROJECT:
KETTLE PARK WEST
NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
PAVING & STORM PLAN &
PROFILE JACKSON
STREET - STA 8+50 TO
13+50

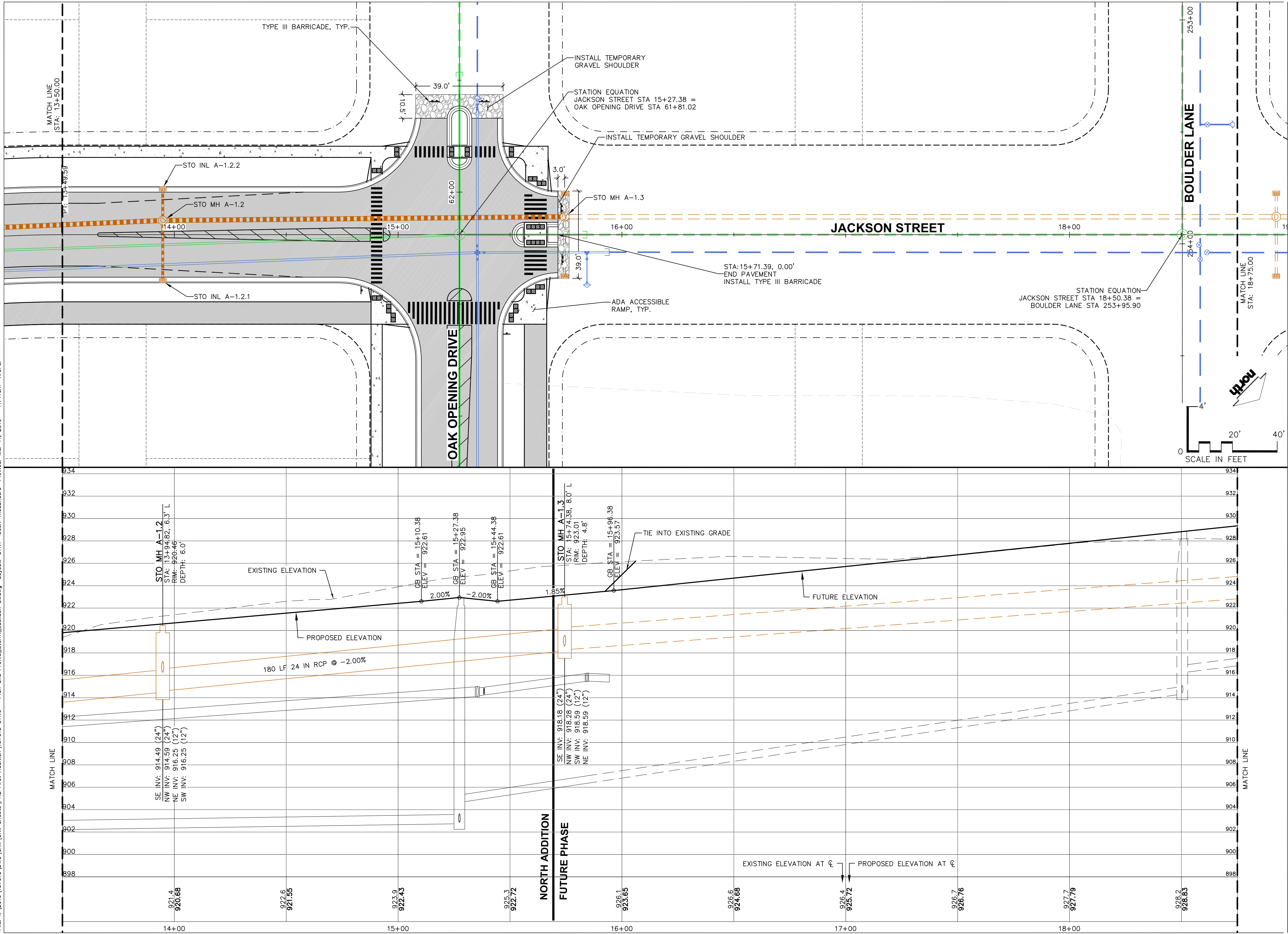
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JSD PROJECT NO: 15-7018

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File: I:\2019\157018\DWG\Civil\Civil Sheets\PH2 First Addition\157018 C11.0 - Plan and Profile Storm_Jackson St.dwg Layout: C11.1 User: msaundera Plotted: Mar 11, 2019 - 11:41am Xref's:



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P. 608.848.5060

CLIENT:



CLIENT ADDRESS:
161 HORIZON DRIVE, SUITE 101A
VERONA, WI 53508

PRELIMINARY
NOT FOR
CONSTRUCTION

PROJECT:
KETTLE PARK WEST
NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
JACKSON STREET - STA
13+50 TO 18+75

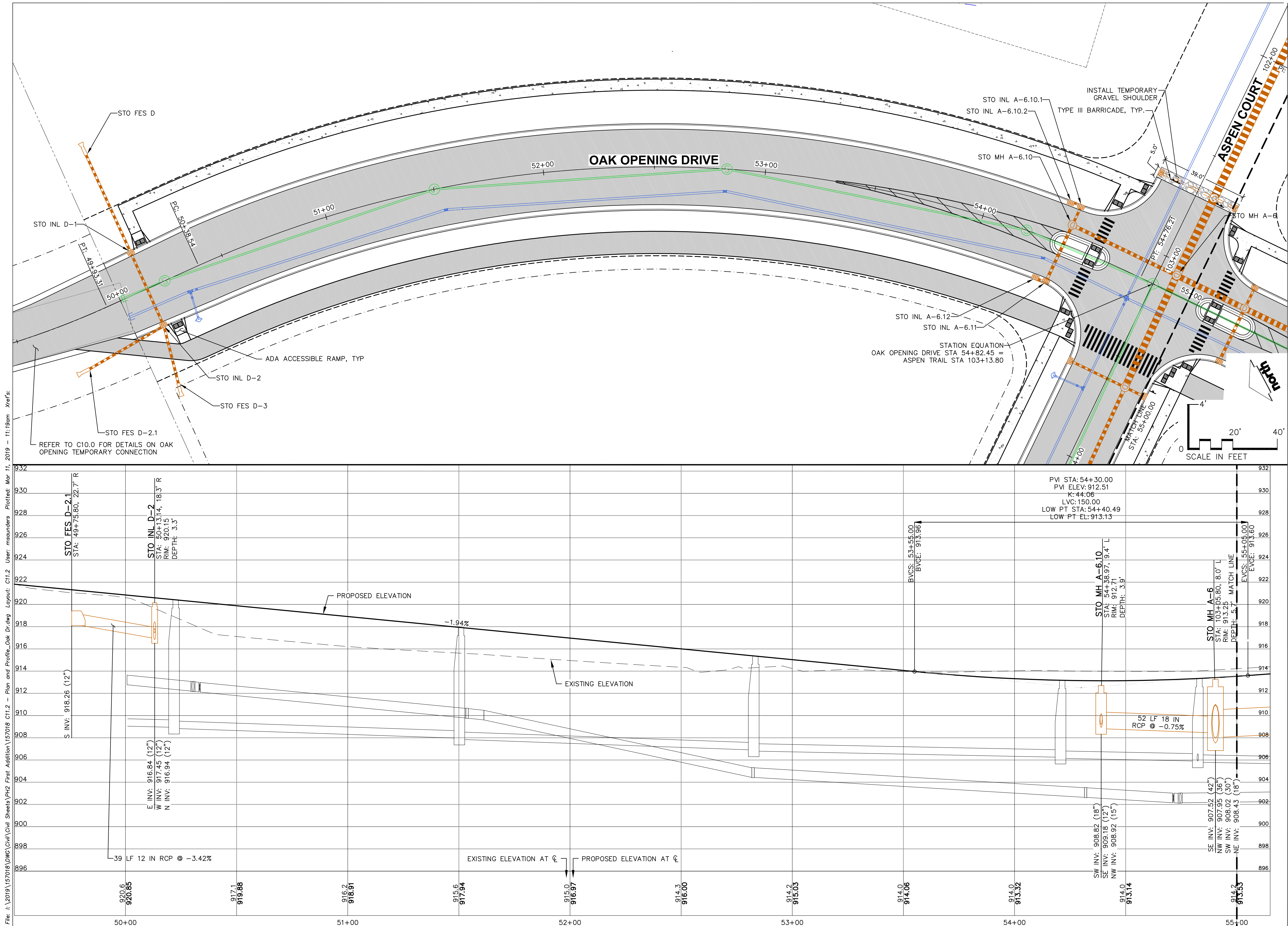
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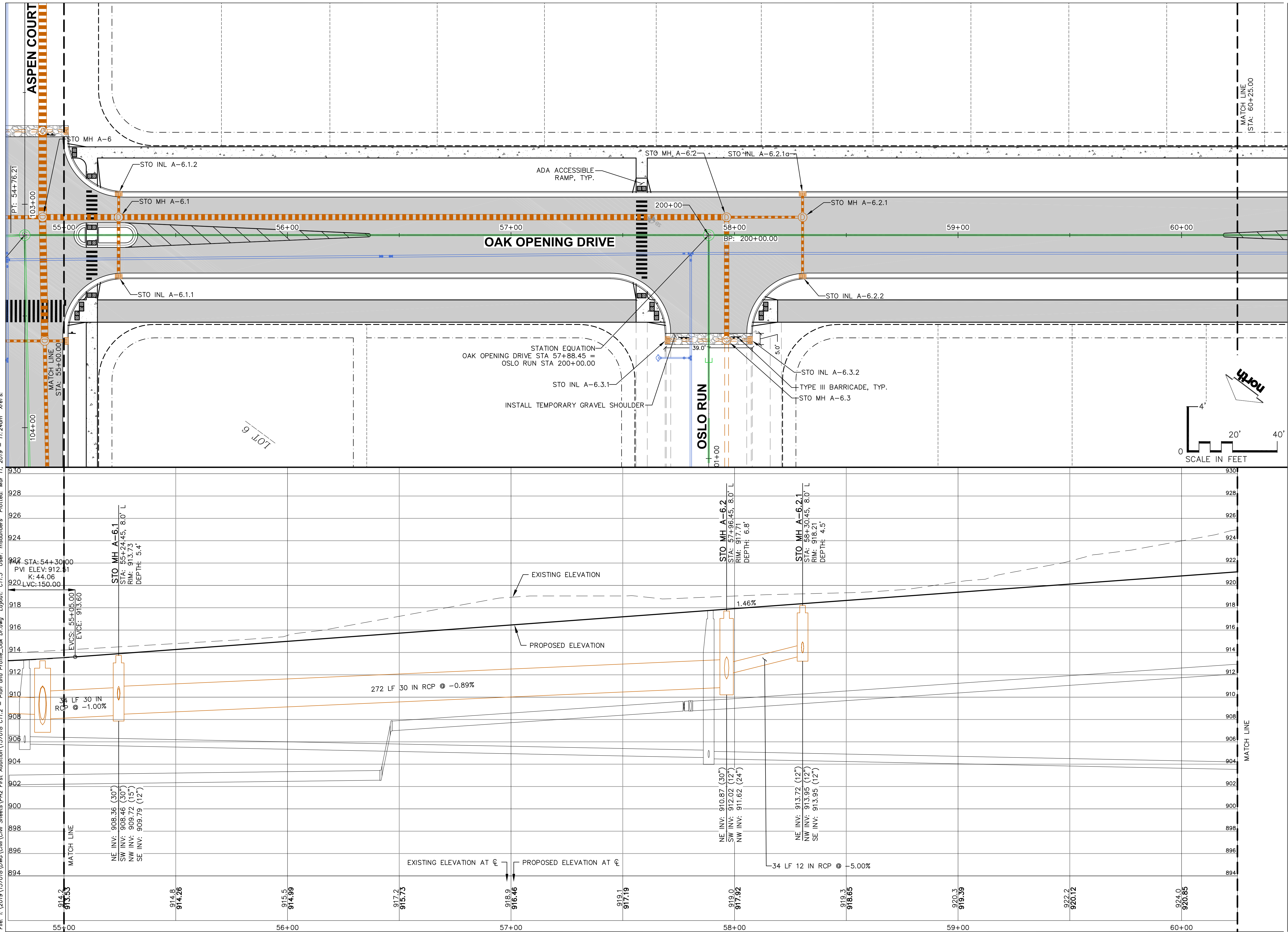
JSD PROJECT NO:

15-7018

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P. 608.848.5060

CLIENT:



CLIENT ADDRESS:
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VERONA, WI 53508**

**PRELIMINARY
NOT FOR
CONSTRUCTION**

PROJECT:
**KETTLE PARK WEST
NORTH ADDITION**

PROJECT LOCATION:
**CITY OF STOUGHTON, WI
DANE COUNTY**

PLAN MODIFICATIONS:

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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
**PAVING & STORM PLAN &
PROFILE OAK OPENING
DRIVE - STA 55+00 TO
60+25**

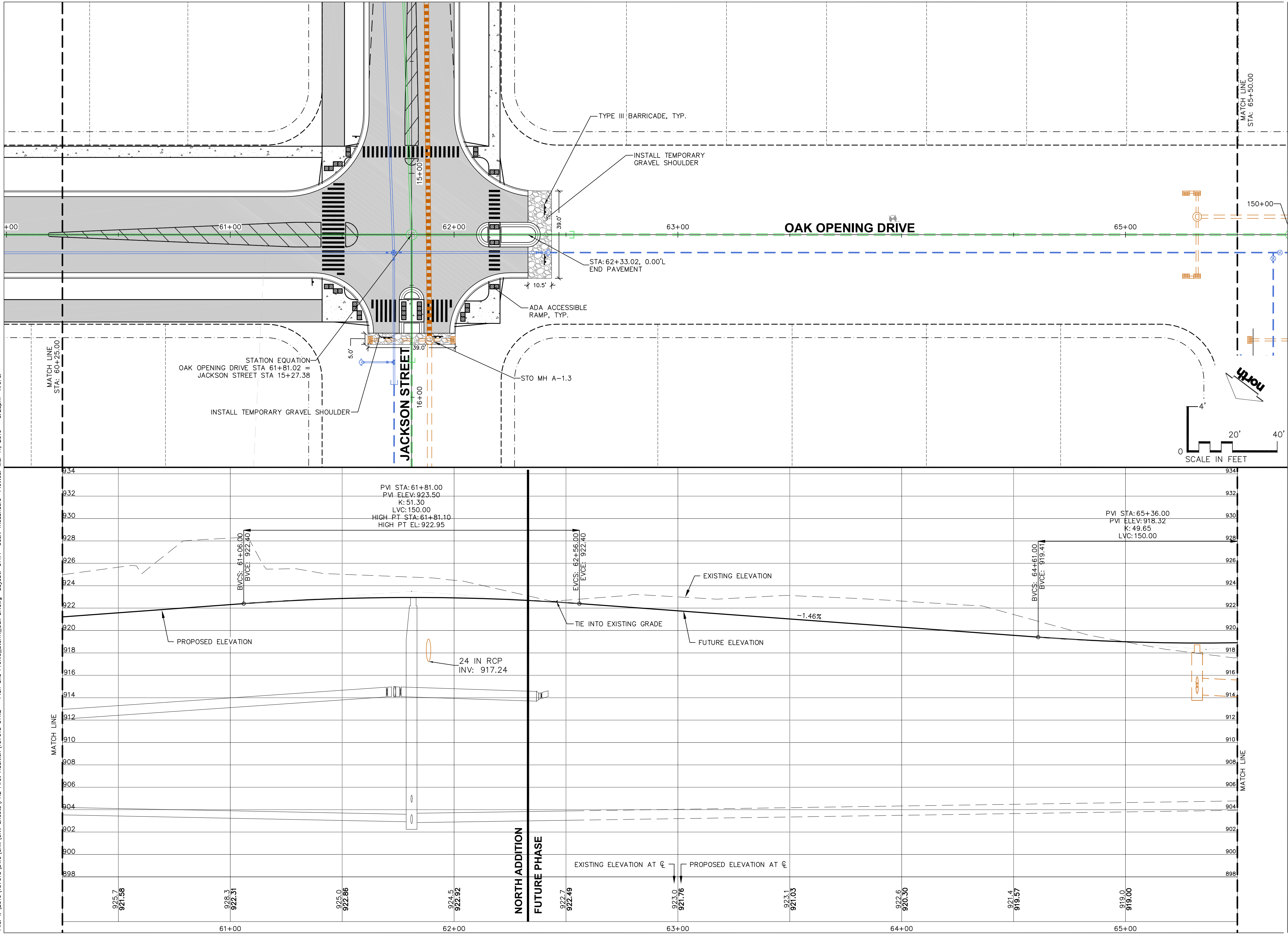
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JSD PROJECT NO: 15-7018

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P. 608.848.5060

CLIENT:



CLIENT ADDRESS:
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VERONA, WI 53508**

**PRELIMINARY
NOT FOR
CONSTRUCTION**

PROJECT:
**KETTLE PARK WEST
NORTH ADDITION**

PROJECT LOCATION:
**CITY OF STOUGHTON, WI
DANE COUNTY**

PLAN MODIFICATIONS:

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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

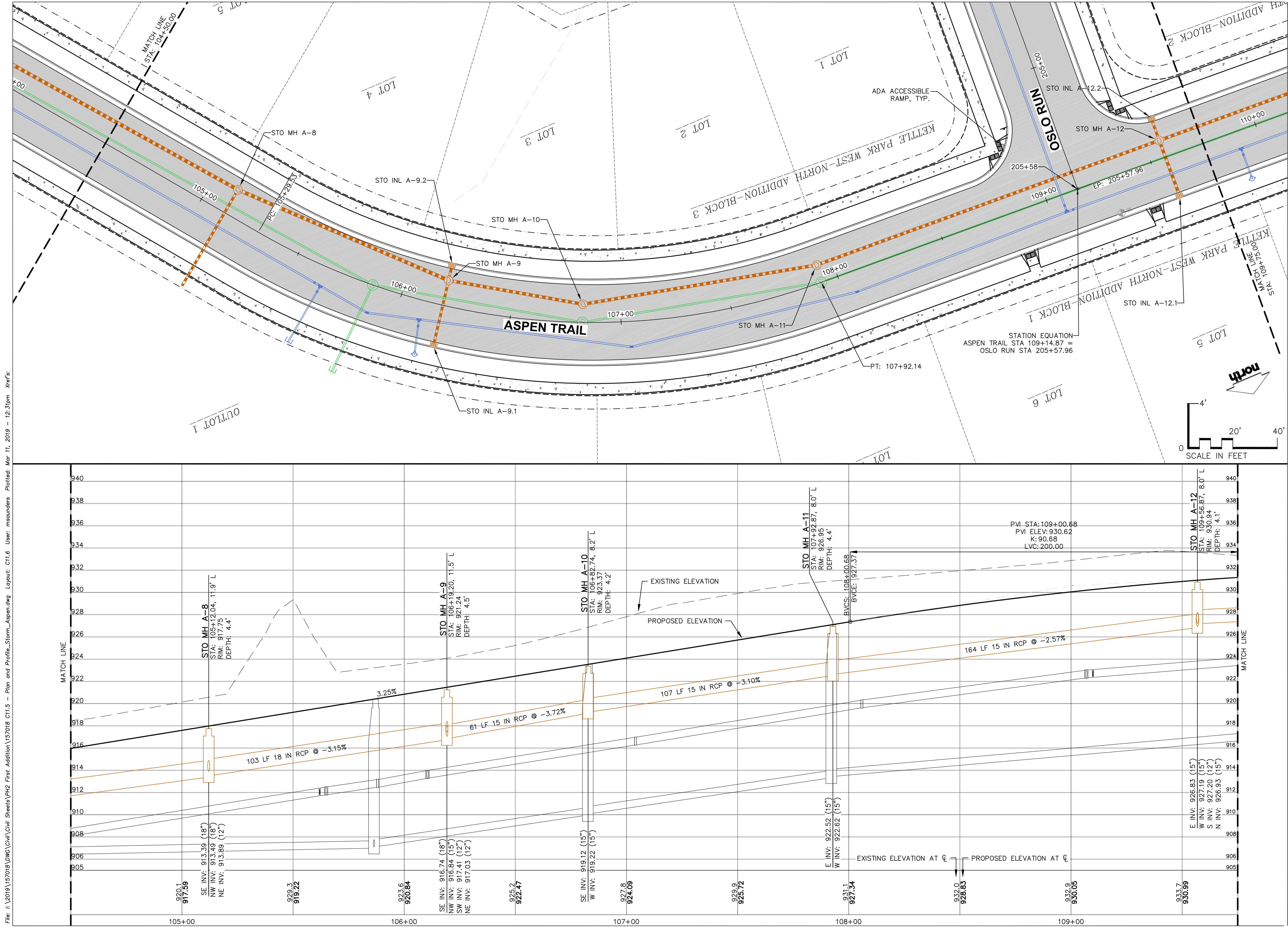
SHEET TITLE:
**PAVING & STORM PLAN &
PROFILE OAK OPENING
DRIVE - STA 60+25 TO
65+50**

SHEET NUMBER:

C11.4

JSD PROJECT NO:

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File: I:\2019\157018\DWG\Civil\Civil Sheets\PH2 First Addition\157018 C11.6 - Plan and Profile_Storm_Aspen.dwg Layout: C11.6 User: msauers Plotted: Mar 11, 2019 - 12:31pm Xref's:



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P. 608.848.5060

CLIENT:



CLIENT ADDRESS:
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VERONA, WI 53508

PRELIMINARY
NOT FOR
CONSTRUCTION

PROJECT:
KETTLE PARK WEST
NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
PAVING & STORM PLAN &
PROFILE ASPEN TRAIL -
104+50 TO 109+75

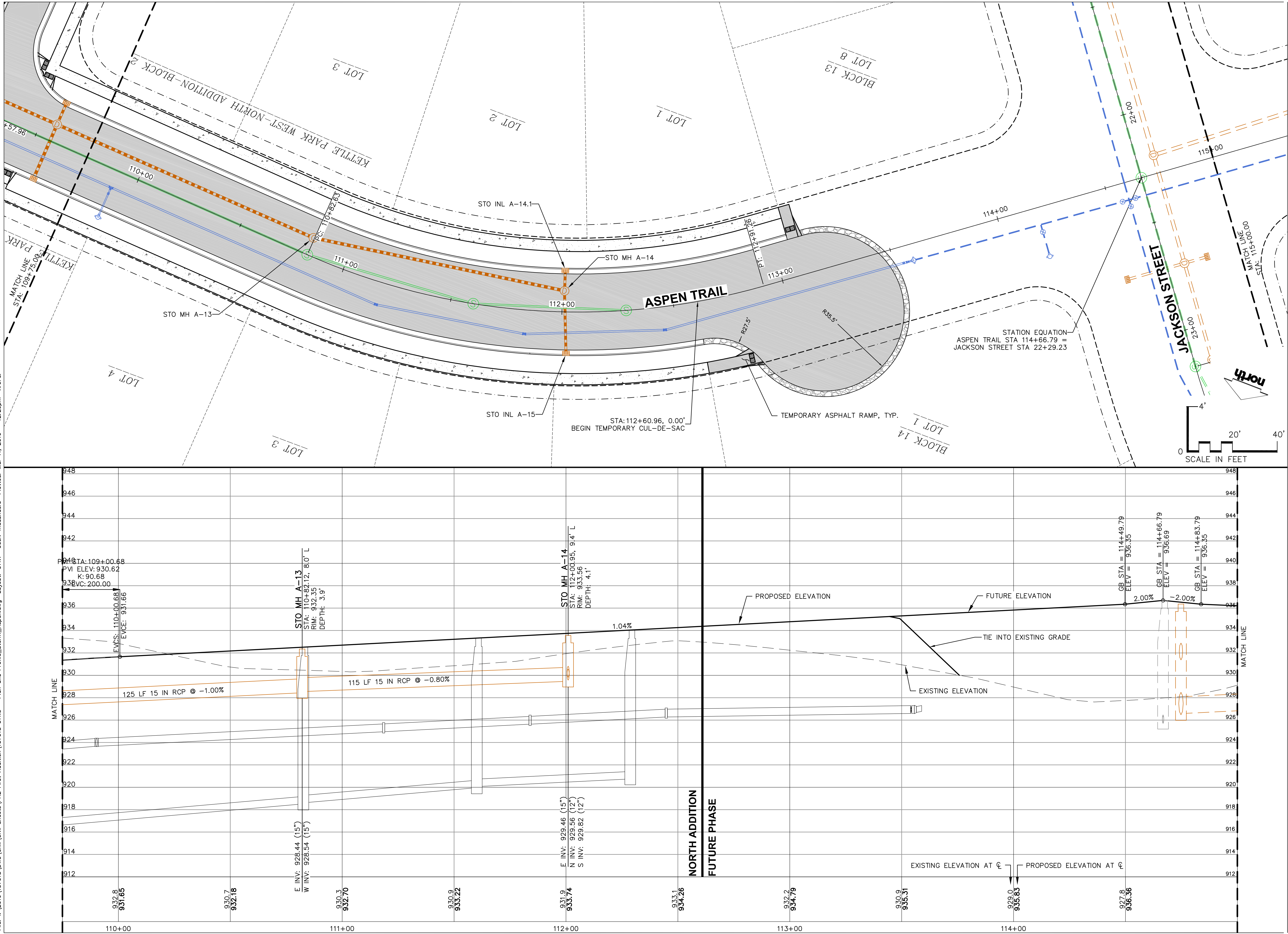
SHEET NUMBER:

C11.6

JSD PROJECT NO: 15-7018

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File: I:\2019\157018\DWG\Civil\Civil Sheets\PH2 First Addition\157018 C11.7 - Plan and Profile Storm_Aspen.dwg Layout: C11.7 User: msaunder Plot: Mar 11, 2019 - 12:29pm Xref's:



CREATE THE VISION TELL THE STORY

MADISON MILWAUKEE
KENOSHA APPLETON WAUSAU

MADISON REGIONAL OFFICE
161 HORIZON DRIVE, SUITE 101
VERONA, WISCONSIN 53593
P. 608.848.5060

CLIENT:



CLIENT ADDRESS:
**161 HORIZON DRIVE, SUITE 101A
VERONA, WI 53508**

**PRELIMINARY
NOT FOR
CONSTRUCTION**

PROJECT:
**KETTLE PARK WEST
NORTH ADDITION**

PROJECT LOCATION:
**CITY OF STOUGHTON, WI
DANE COUNTY**

PLAN MODIFICATIONS:

#	Date:	Description:
1	03.12.19	FINAL PLAT
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
**PAVING & STORM PLAN &
PROFILE ASPEN TRAIL -
STA 109+75 TO 115+00**

SHEET NUMBER:

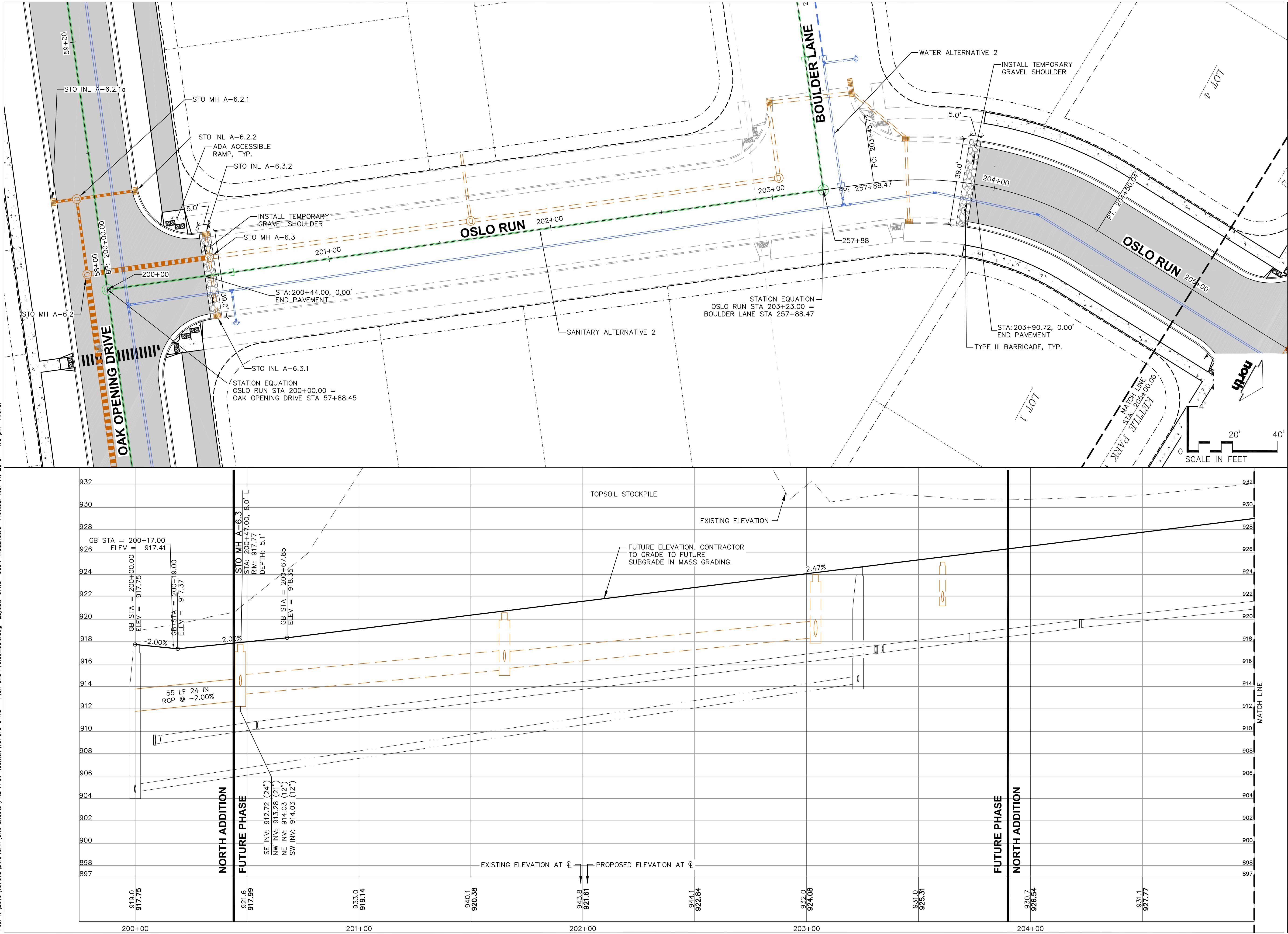
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JSD PROJECT NO:

15-7018

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File: I:\2019\157018\DWG\Civil\Civil Sheets\PH2 First Addition\157018 C11.8 - Plan and Profile.dwg Layout: C11.8 User: msanders Plotted: Mar 11, 2019 1:34pm Xref's:



CREATE THE VISION TELL THE STORY

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KENOSHA APPLETON WAUSAU

MADISON REGIONAL OFFICE
161 HORIZON DRIVE, SUITE 101
VERONA, WISCONSIN 53593
P. 608.848.5060

CLIENT:



CLIENT ADDRESS:
161 HORIZON DRIVE, SUITE 101A
VERONA, WI 53508

PRELIMINARY
NOT FOR
CONSTRUCTION

PROJECT:
KETTLER PARK WEST
NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

#	Date:	Description:
1	03.12.19	FINAL PLAT
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
PAVING & STORM PLAN &
PROFILE OSLO RUN - STA
200+00 TO 205+00

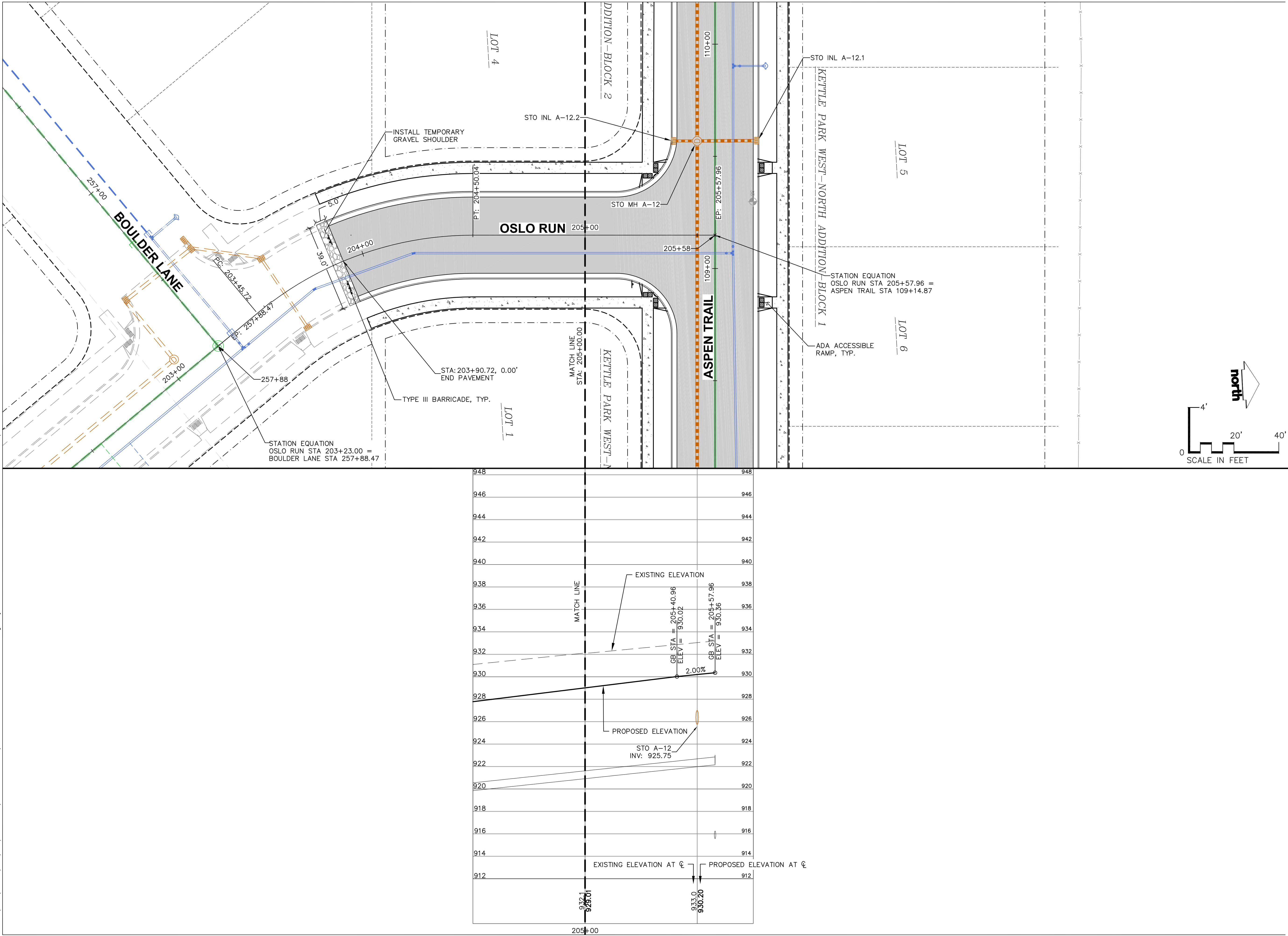
SHEET NUMBER:

C11.8

JSD PROJECT NO: 15-7018

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P. 608.848.5060

CLIENT:



CLIENT ADDRESS:
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VERONA, WI 53508

PRELIMINARY
NOT FOR
CONSTRUCTION

PROJECT:
KETTLER PARK WEST
NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

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1	03.12.19	FINAL PLAT
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
PAVING & STORM PLAN &
PROFILE OSLO RUN - STA
205+00 TO 205+58

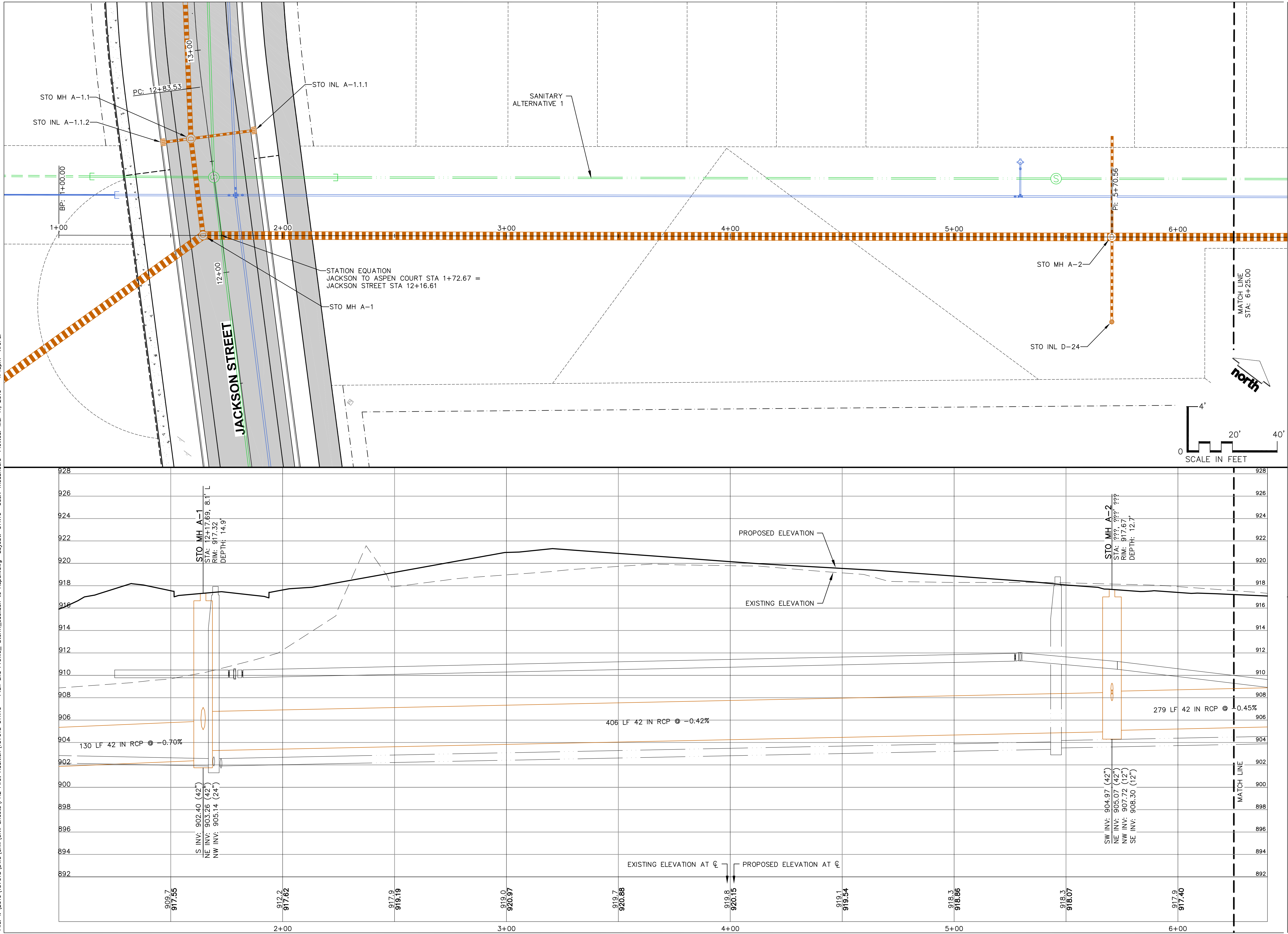
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C11.9

JSD PROJECT NO: 15-7018

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File: I:\2019\157018\DWG\Civil\Civil Sheets\Ph2 First Addition\157018 C11.10 - Plan and Profile_Storm_Jackson to Aspen.dwg Layout: C11.10 User: msanders Plotted: Mar 11, 2019 - 1:48pm Xref's:



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KENOSHA APPLETON WAUSAU

MADISON REGIONAL OFFICE
161 HORIZON DRIVE, SUITE 101
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P. 608.848.5060

CLIENT:



CLIENT ADDRESS:
**161 HORIZON DRIVE, SUITE 101A
VERONA, WI 53508**

**PRELIMINARY
NOT FOR
CONSTRUCTION**

PROJECT:
**KETTLE PARK WEST
NORTH ADDITION**

PROJECT LOCATION:
**CITY OF STOUGHTON, WI
DANE COUNTY**

PLAN MODIFICATIONS:		
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

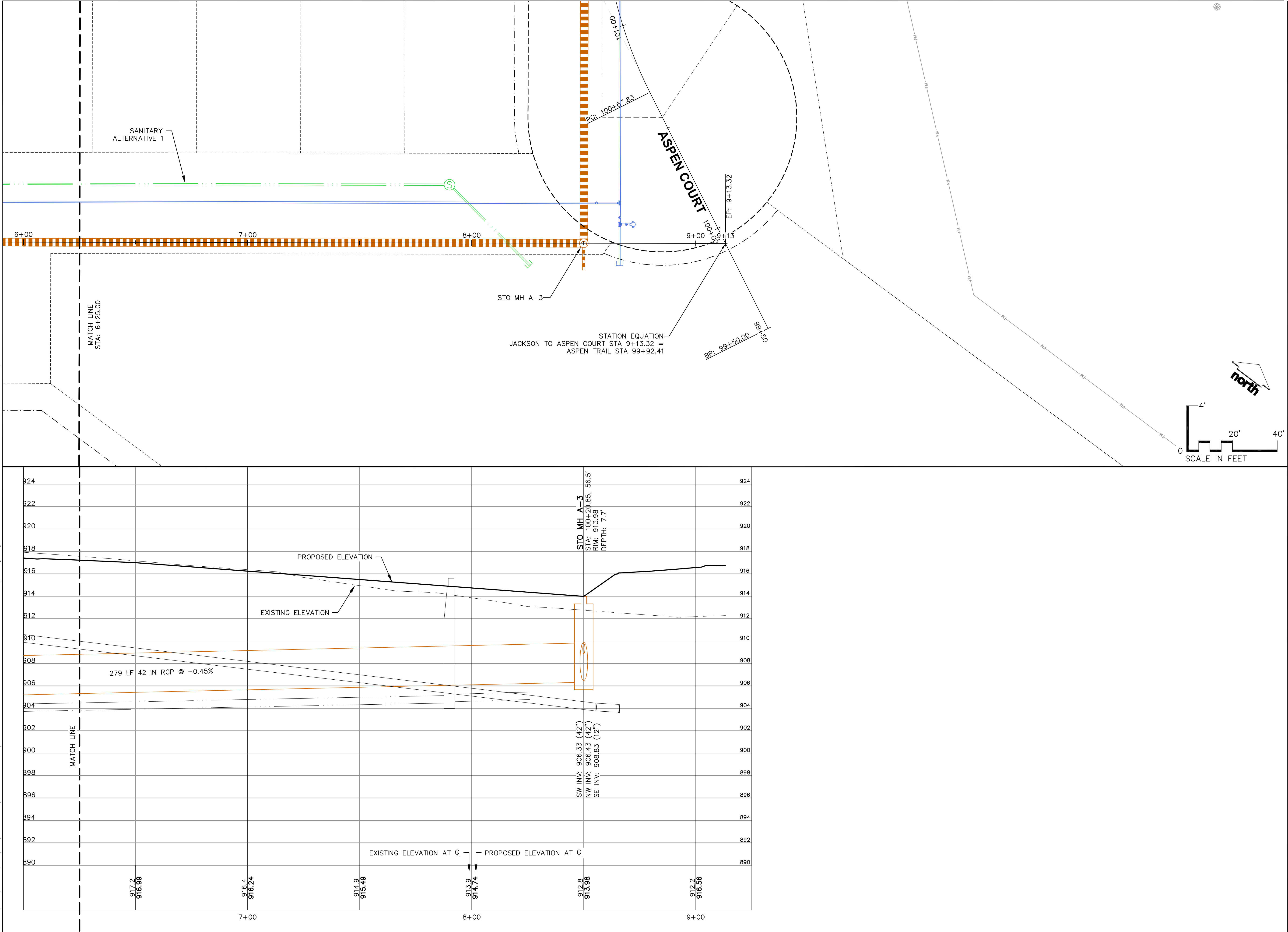
SHEET TITLE:
**PAVING & STORM PLAN &
PROFILE JACKSON
STREET TO ASPEN COURT
- STA 1+00 TO 6+25**

SHEET NUMBER:
C11.10

JSD PROJECT NO: 15-7018

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CLIENT ADDRESS:
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VERONA, WI 53508

PRELIMINARY
NOT FOR
CONSTRUCTION

PROJECT:
KETTLE PARK WEST
NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

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Design/Drawn:
Approved:

SHEET TITLE:
PAVING & STORM PLAN &
PROFILE JACKSON
STREET TO ASPEN COURT
- STA 6+25 TO 9+13

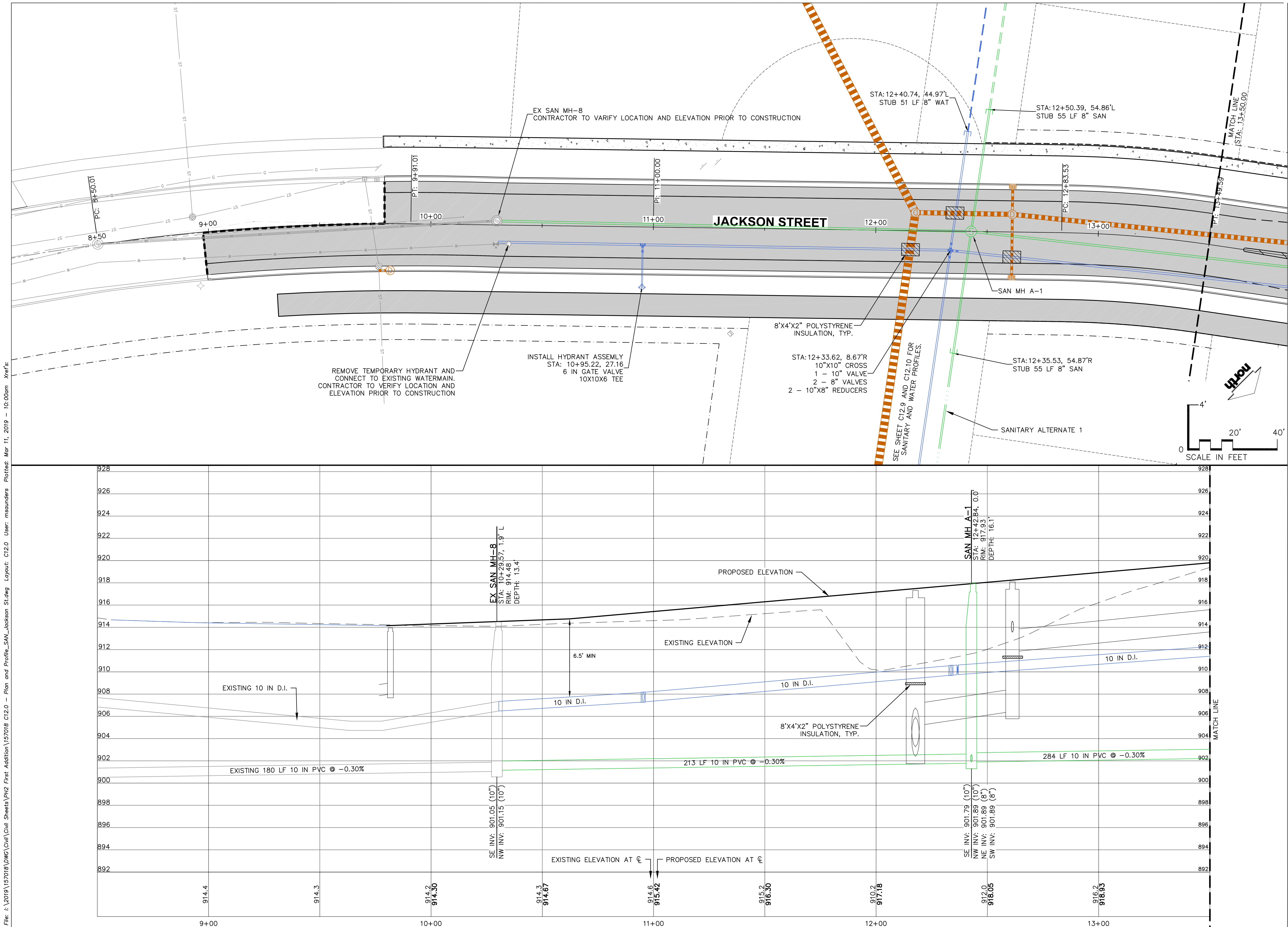
SHEET NUMBER:

C11.11

JSD PROJECT NO:

15-7018
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File: I:\2019\157018\DWG\Civil\Jackson\157018 C12.0 - Plan and Profile_SAN Jackson St.dwg Layout: C12.0 User: msanders Plotted: Mar 11, 2019 - 10:00am Xref's:



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P. 608.848.5060

CLIENT:



CLIENT ADDRESS:
**161 HORIZON DRIVE, SUITE 101A
VERONA, WI 53508**

**PRELIMINARY
NOT FOR
CONSTRUCTION**

PROJECT:
**KETTLE PARK WEST
NORTH ADDITION**

PROJECT LOCATION:
**CITY OF STOUGHTON, WI
DANE COUNTY**

PLAN MODIFICATIONS:

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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
**SANITARY & WATER PLAN
& PROFILE JACKSON
STREET - STA 8+50 TO
13+50**

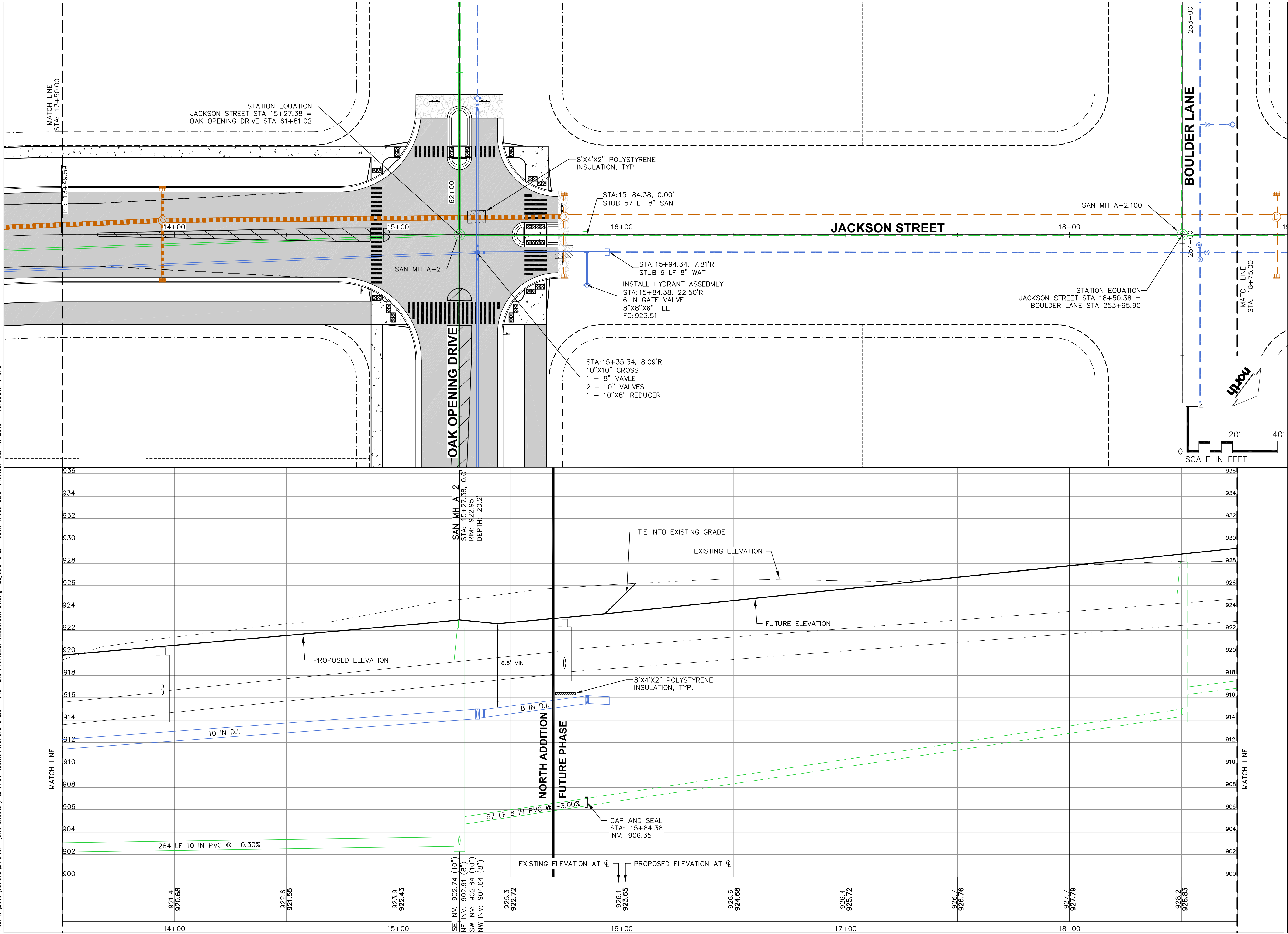
SHEET NUMBER:

C12.0

JSD PROJECT NO: 15-7018

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CLIENT:



CLIENT ADDRESS:
**161 HORIZON DRIVE, SUITE 101A
VERONA, WI 53508**

**PRELIMINARY
NOT FOR
CONSTRUCTION**

PROJECT:
**KETTLE PARK WEST
NORTH ADDITION**

PROJECT LOCATION:
**CITY OF STOUGHTON, WI
DANE COUNTY**

PLAN MODIFICATIONS:

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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

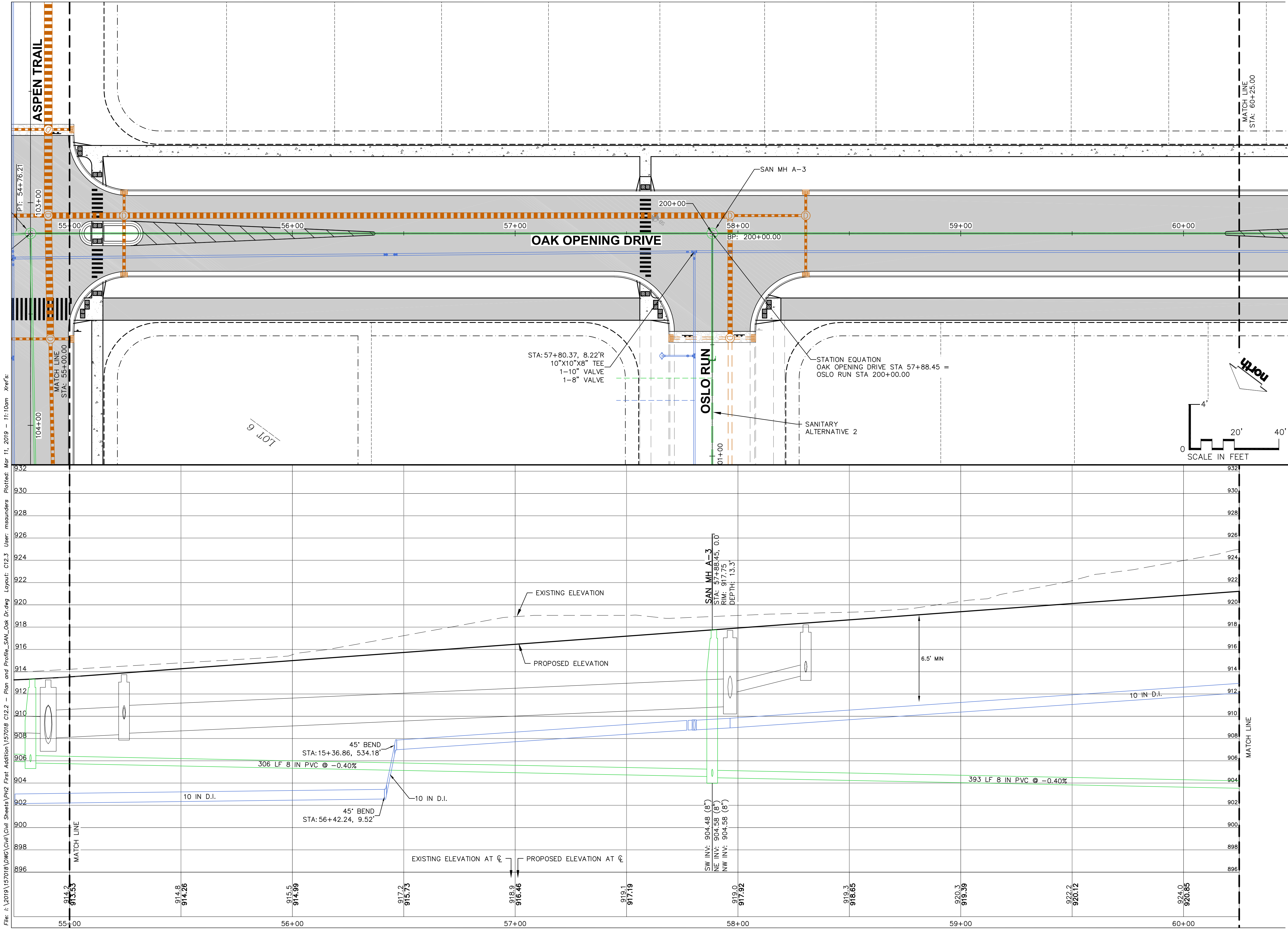
SHEET TITLE:
**SANITARY & WATER
PLAN & PROFILE
JACKSON STREET - STA
13+50 TO 18+75**

SHEET NUMBER:

C12.1

JSD PROJECT NO:

15-7018



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P. 608.848.5060

CLIENT:



CLIENT ADDRESS:
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VERONA, WI 53508**

**PRELIMINARY
NOT FOR
CONSTRUCTION**

PROJECT:
**KETTLE PARK WEST
NORTH ADDITION**

PROJECT LOCATION:
**CITY OF STOUGHTON, WI
DANE COUNTY**

PLAN MODIFICATIONS:

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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
**SANITARY & WATER
PLAN & PROFILE OAK
OPENING DRIVE - STA
55+00 TO 60+25**

SHEET NUMBER:

C12.3

JSD PROJECT NO: 15-7018

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P. 608.848.5060

CLIENT:

FDG 

CLIENT ADDRESS:

161 HORIZON DRIVE, SUITE 101A
VERONA, WI 53508

**PRELIMINARY
NOT FOR
CONSTRUCTION**

PROJECT:

KETTLE PARK WEST NORTH ADDITION

PROJECT LOCATION:

CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

#	Date:	Description:
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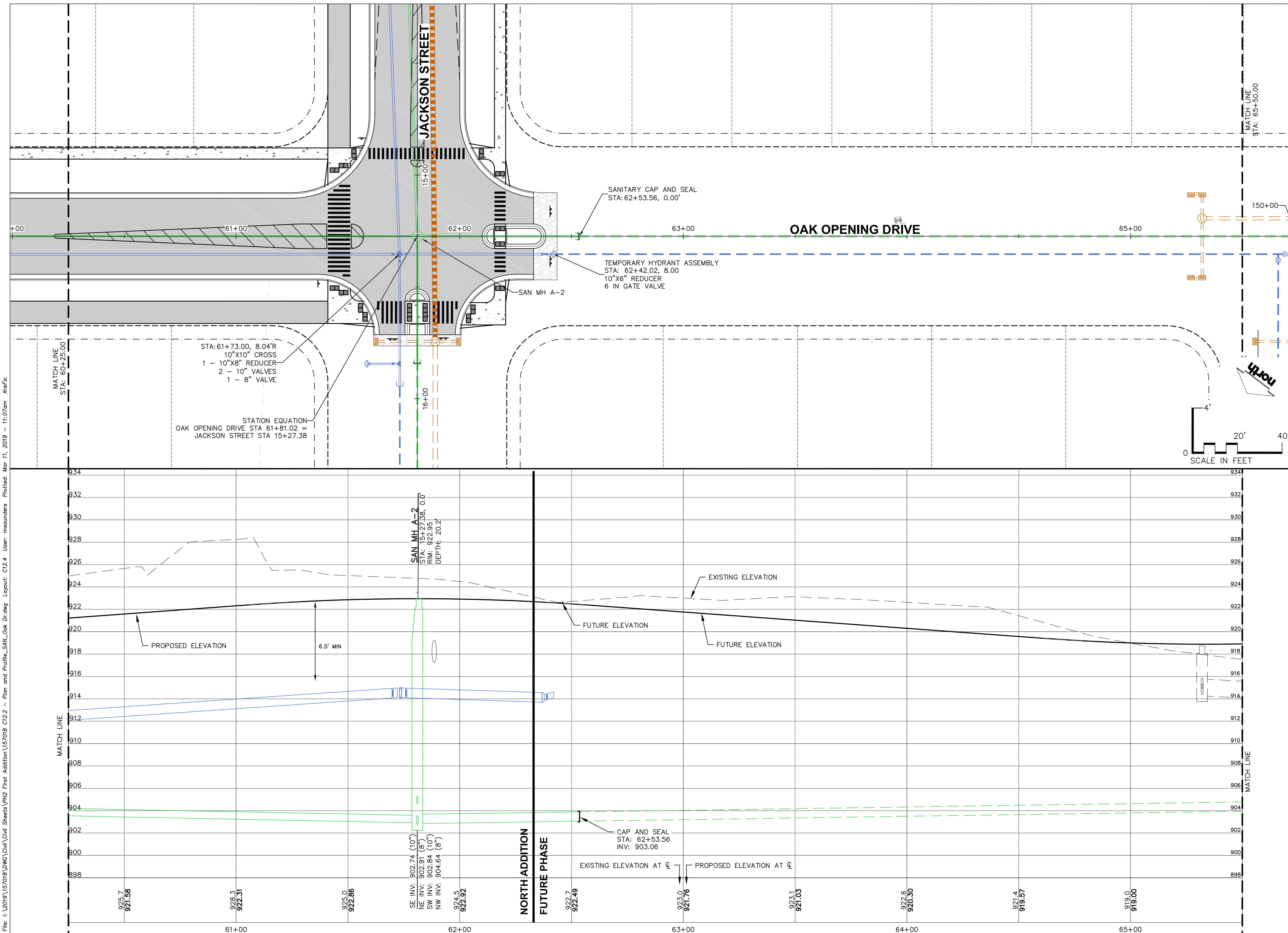
Design/Drawn: EWO/CHG/MSS/CL
Approved: WHD/TA

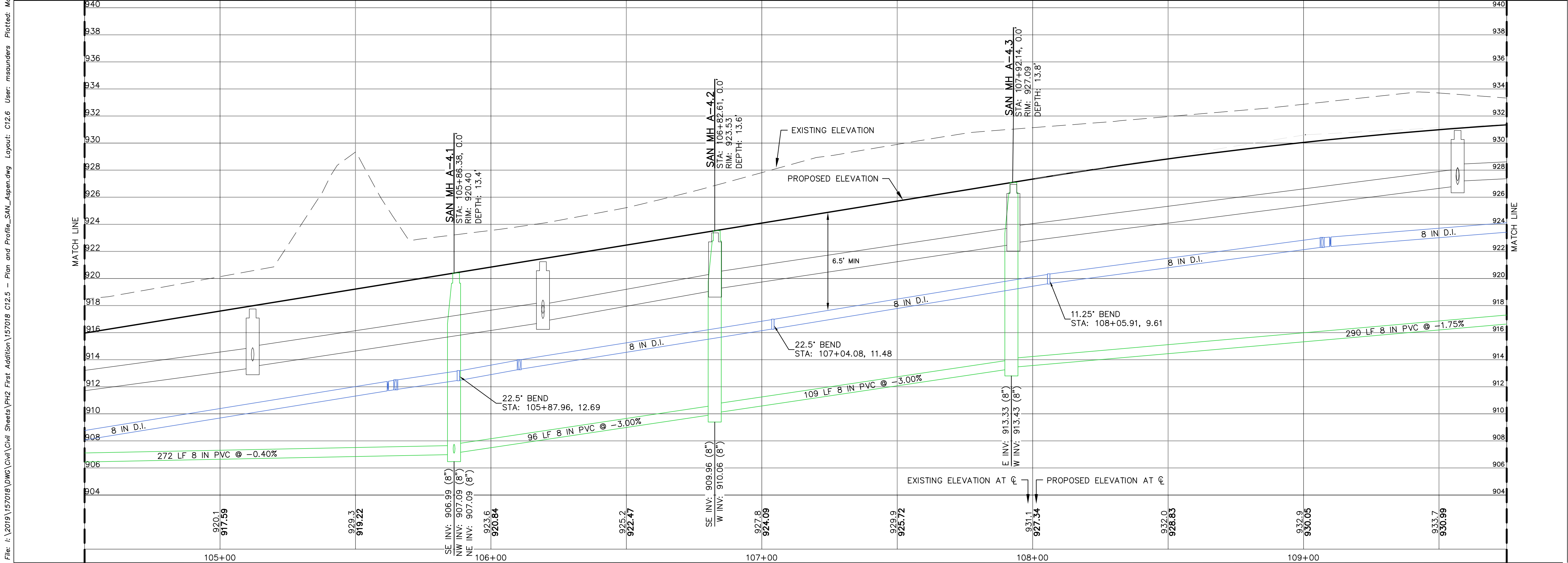
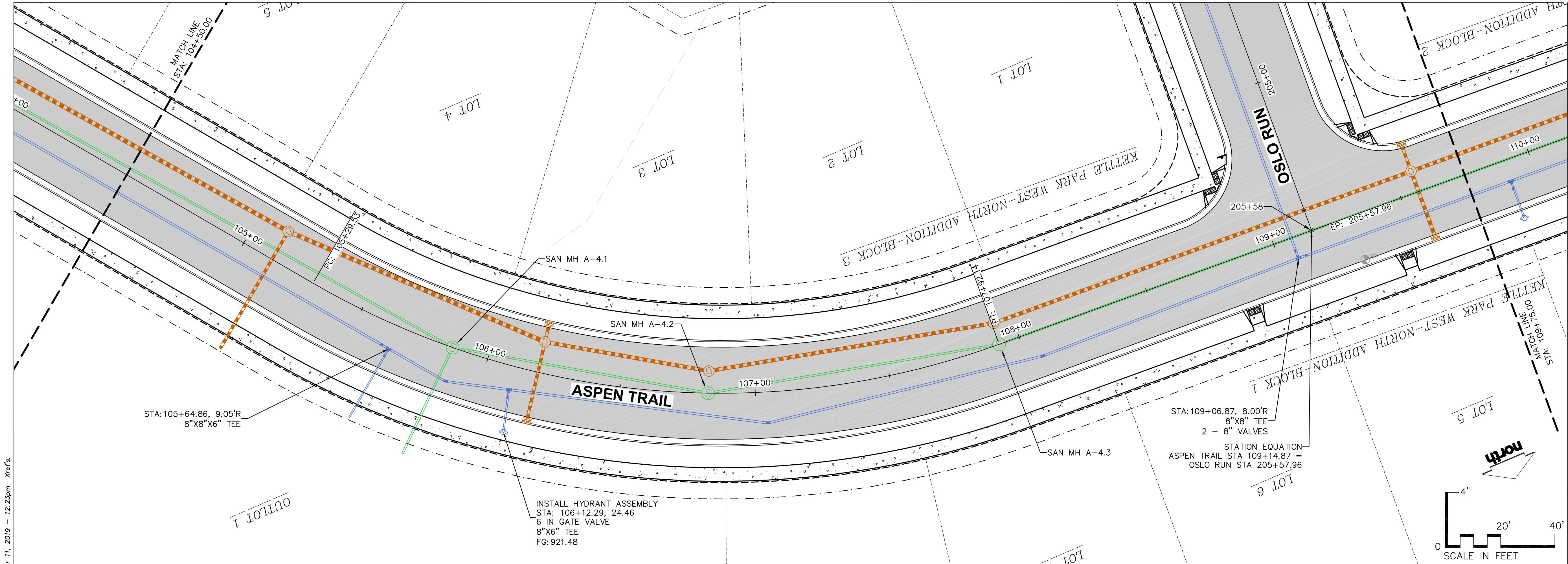
SHEET TITLE:
SANITARY & WATER
PLAN & PROFILE OAK
OPENING DRIVE - STA
60+25 TO 65+50

SHEET NUMBER

C12.4

JSD PROJECT NO:

[illegible]



CREATE THE VISION TELL THE STORY

MADISON MILWAUKEE
KENOSHA APPLETON WAUSAU

MADISON REGIONAL OFFICE
161 HORIZON DRIVE, SUITE 101
VERONA, WISCONSIN 53593
P. 608.848.5060

CLIENT:



CLIENT ADDRESS:
161 HORIZON DRIVE, SUITE 101A
VERONA, WI 53508

PRELIMINARY
NOT FOR
CONSTRUCTION

PROJECT:
KETTLE PARK WEST
NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

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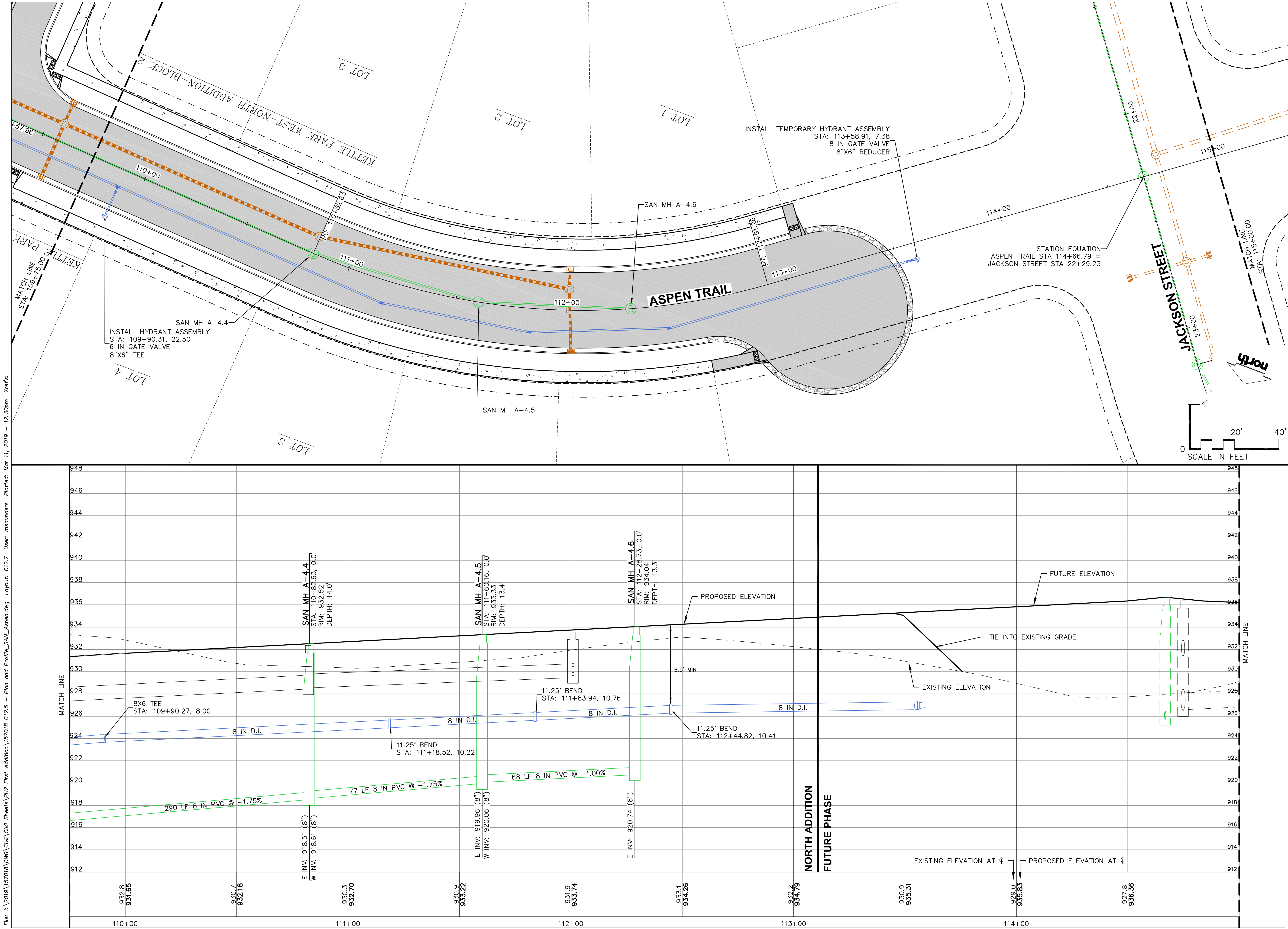
Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
ASPEN TRAIL - 104+50 TO
109+75

SHEET NUMBER:

C12.6

JSD PROJECT NO: 15-7018



File: I:\2019\157018\DWG\Civil\Sheets\PH2 First Addition\157018 C12.7 - Plan and Profile_SAN_Aspen.dwg Layout: C12.7 User: msanders Plotted: Mar 11, 2019 - 12:30pm Xrefs:



CREATE THE VISION TELL THE STORY

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P. 608.848.5060

CLIENT:



CLIENT ADDRESS:
161 HORIZON DRIVE, SUITE 101A
VERONA, WI 53508

PRELIMINARY
NOT FOR
CONSTRUCTION

PROJECT:
KETTLER PARK WEST
NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

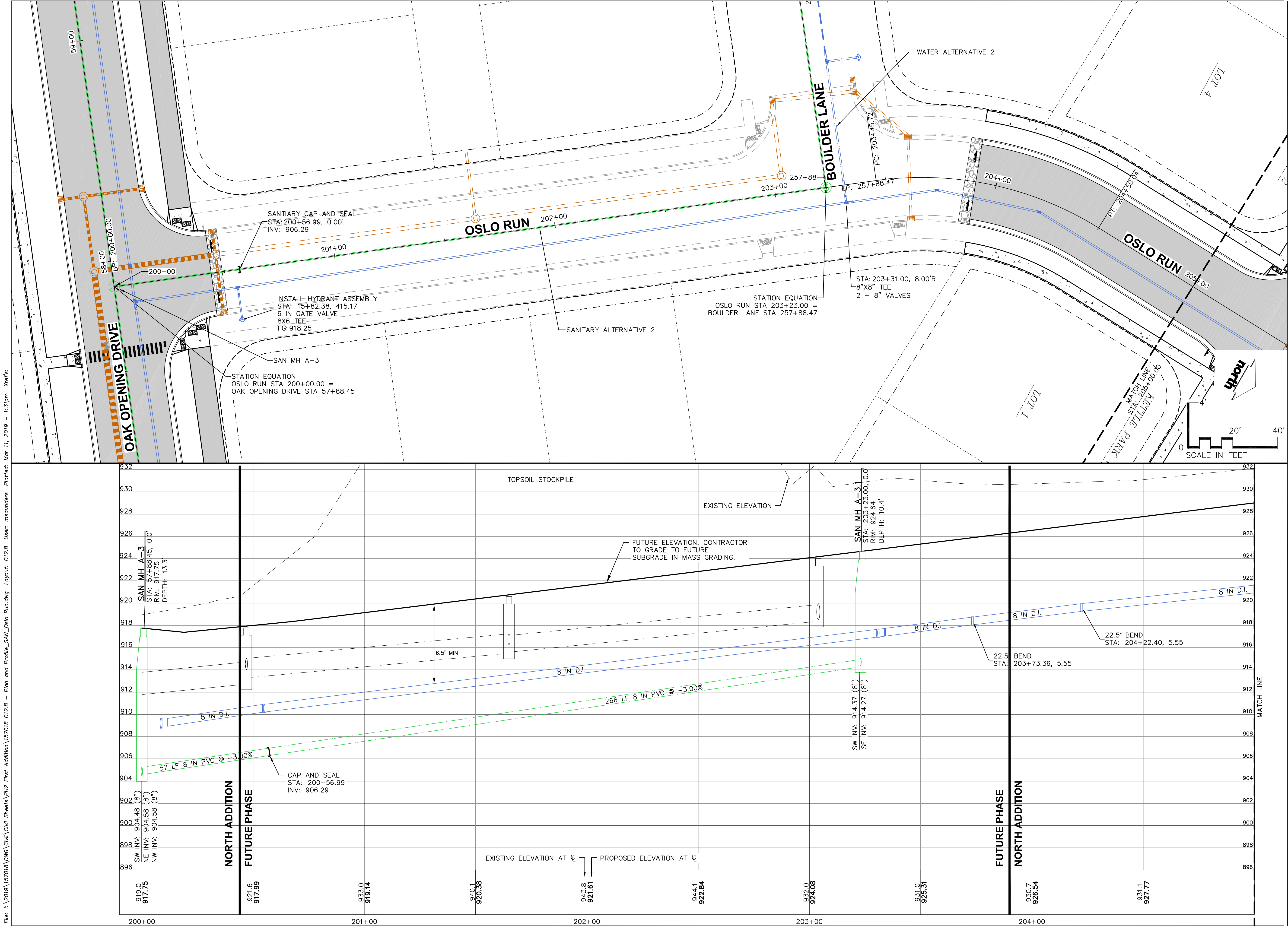
SHEET TITLE:
ASPEN TRAIL - STA
109+75 TO 115+00

SHEET NUMBER:

C12.7

JSD PROJECT NO: 15-7018

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P. 608.848.5060

CLIENT:



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161 HORIZON DRIVE, SUITE 101A
VERONA, WI 53508

**PRELIMINARY
NOT FOR
CONSTRUCTION**

PROJECT:
**KETTLE PARK WEST
NORTH ADDITION**

PROJECT LOCATION:
**CITY OF STOUGHTON, WI
DANE COUNTY**

PLAN MODIFICATIONS:

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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
**OSLO RUN- STA 200+00
TO 205+00**

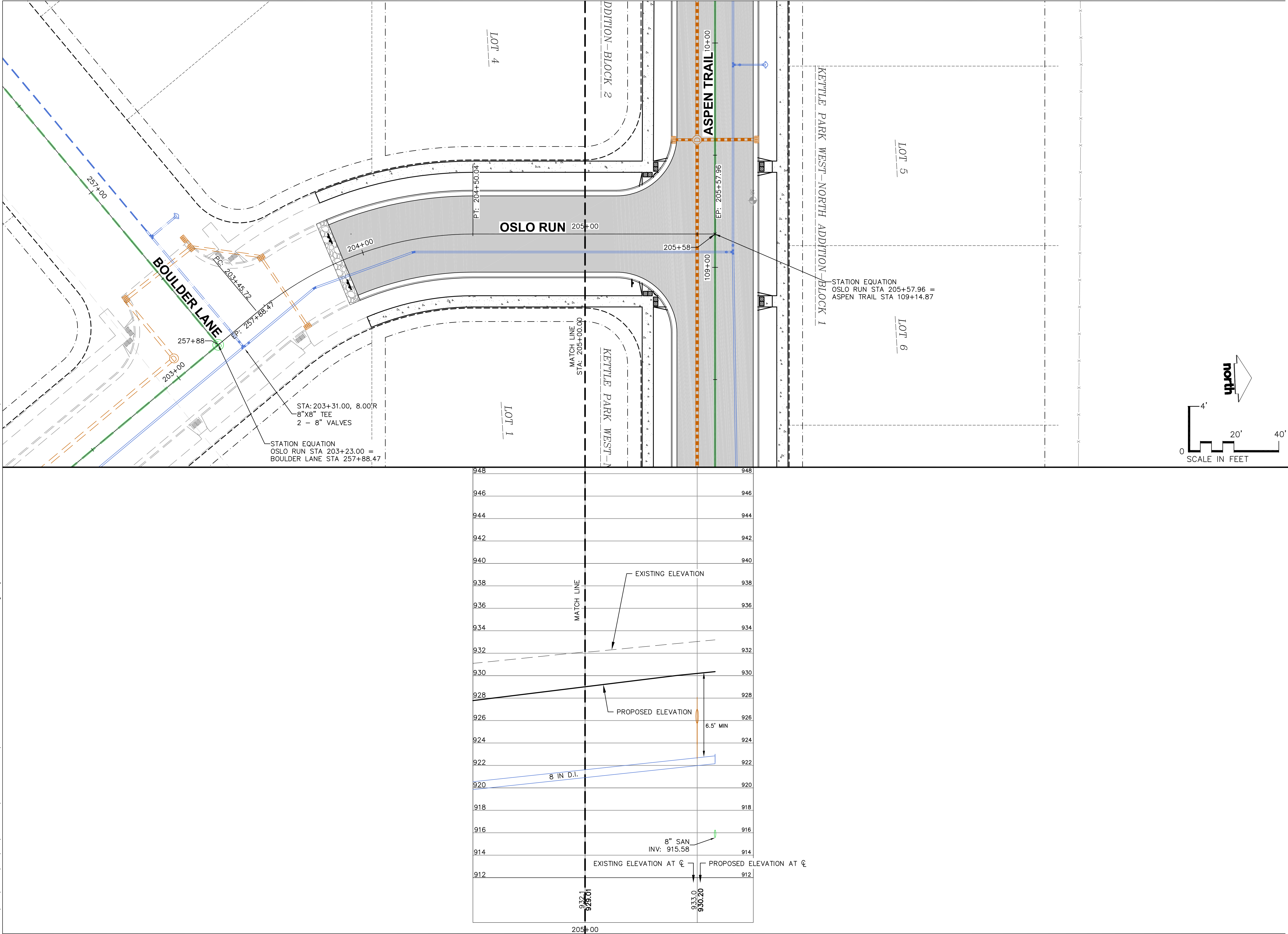
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C12.8

JSD PROJECT NO: 15-7018

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P. 608.848.5060

CLIENT:



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VERONA, WI 53508

PRELIMINARY
NOT FOR
CONSTRUCTION

PROJECT:
KETTLE PARK WEST
NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
OSLO RUN - STA 205+00
TO 205+58

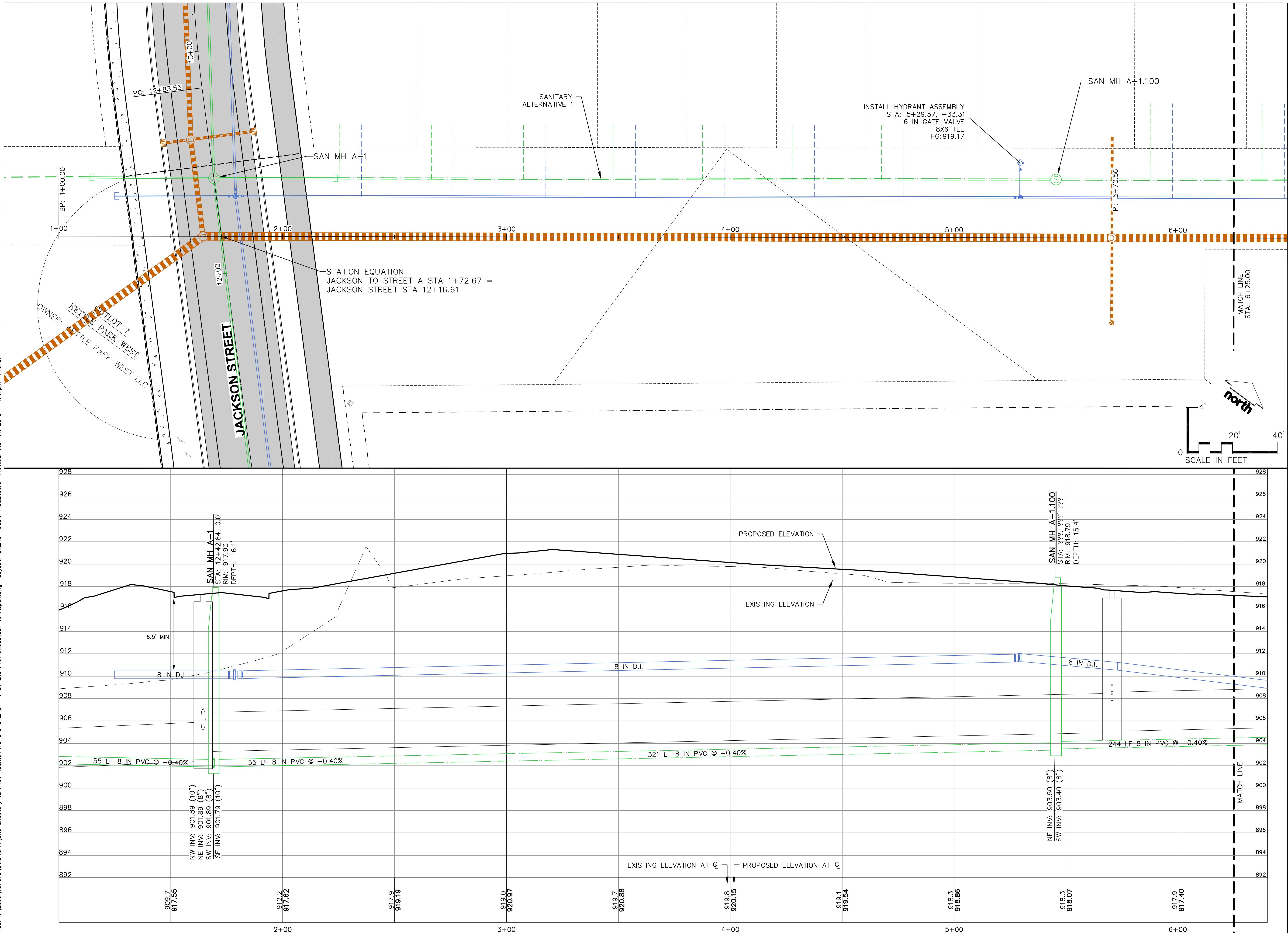
SHEET NUMBER:

C12.9

JSD PROJECT NO: 15-7018

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P. 608.848.5060

CLIENT:



CLIENT ADDRESS:
**161 HORIZON DRIVE, SUITE 101A
VERONA, WI 53508**

**PRELIMINARY
NOT FOR
CONSTRUCTION**

PROJECT:
**KETTLE PARK WEST
NORTH ADDITION**

PROJECT LOCATION:
**CITY OF STOUGHTON, WI
DANE COUNTY**

PLAN MODIFICATIONS:

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Design/Drawn:
Approved:

SHEET TITLE:
**JACKSON STREET TO
ASPEN COURT - STA 1+00
TO 6+25**

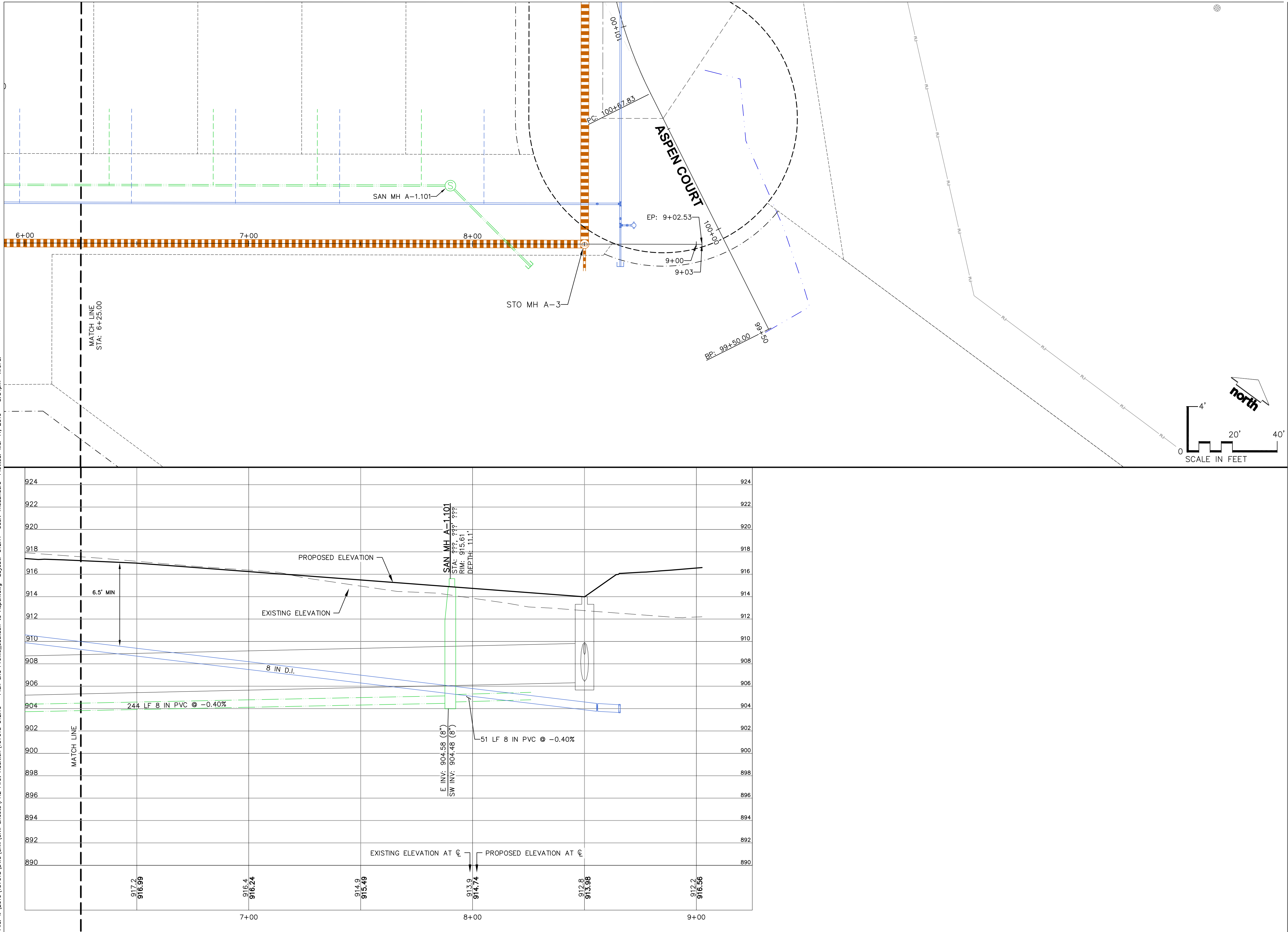
SHEET NUMBER:

C12.10

JSD PROJECT NO:

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KENOSHA | APPLETON | WAUSAU

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161 HORIZON DRIVE, SUITE 101
VERONA, WISCONSIN 53593
P. 608.848.5060

CLIENT:



CLIENT ADDRESS:
**161 HORIZON DRIVE, SUITE 101A
VERONA, WI 53508**

**PRELIMINARY
NOT FOR
CONSTRUCTION**

PROJECT:
**KETTLE PARK WEST
NORTH ADDITION**

PROJECT LOCATION:
**CITY OF STOUGHTON, WI
DANE COUNTY**

PLAN MODIFICATIONS:

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Design/Drawn:
Approved:

SHEET TITLE:
**JACKSON STREET TO
ASPEN COURT - STA 6+25
TO 9+03**

SHEET NUMBER:

C12.11

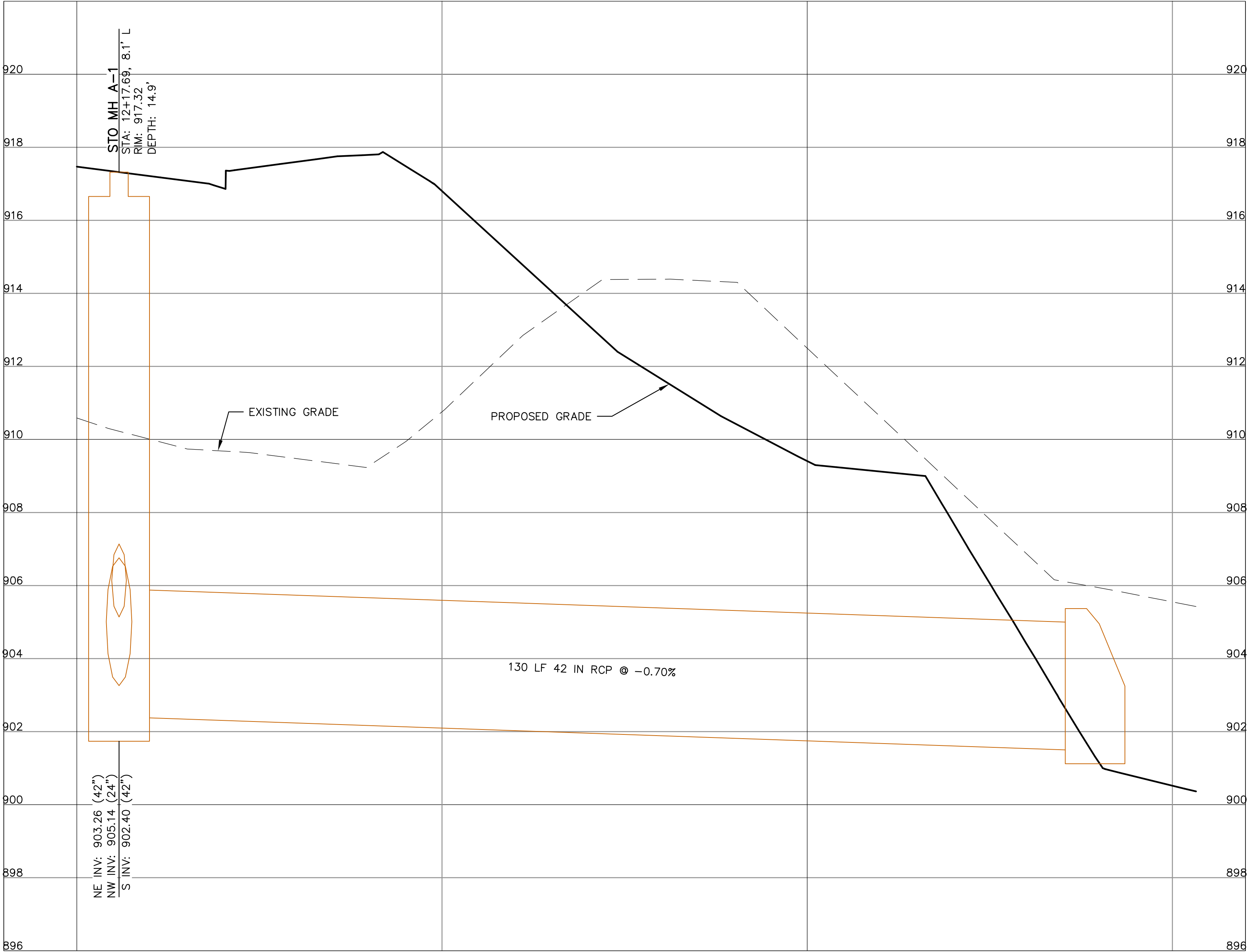
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15-7018

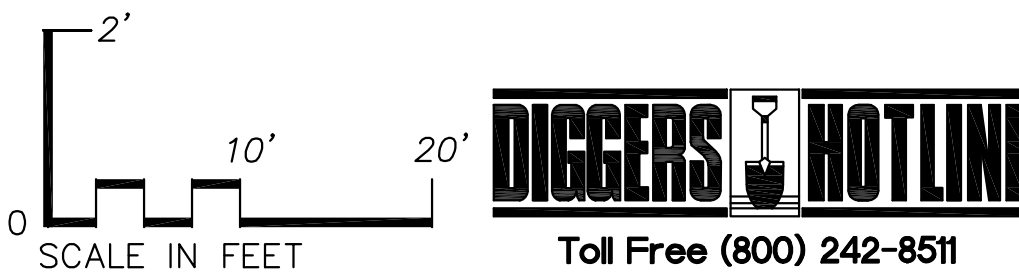
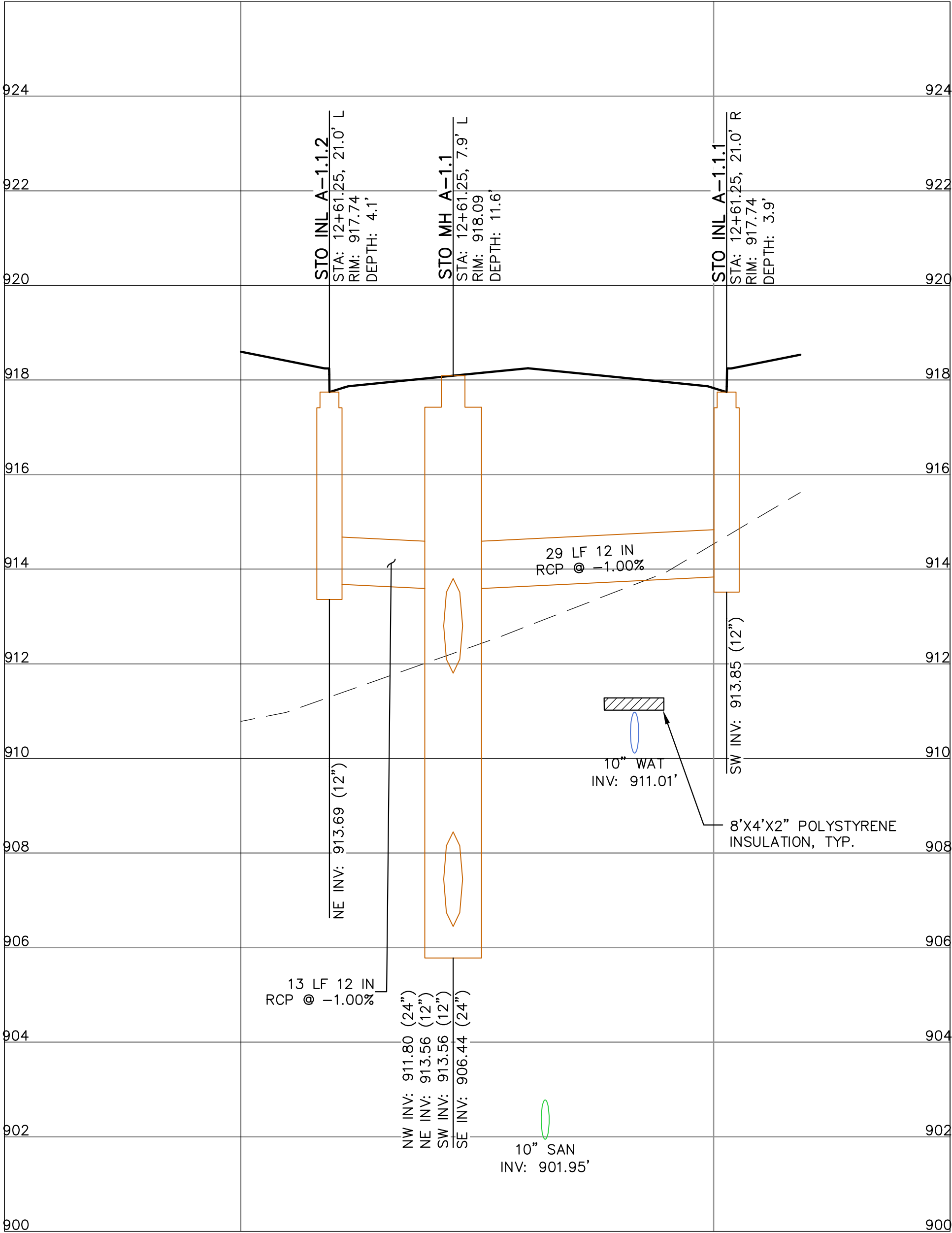
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JACKSON ST STA: 12+18



JACKSON ST STA: 12+61



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CLIENT:



CLIENT ADDRESS:
**161 HORIZON DRIVE, SUITE 101A
VERONA, WI 53508**

**PRELIMINARY
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PROJECT:
**KETTLE PARK WEST
NORTH ADDITION**

PROJECT LOCATION:
**CITY OF STOUGHTON, WI
DANE COUNTY**

PLAN MODIFICATIONS:		
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
**STORM SEWER INLET
PROFILES**

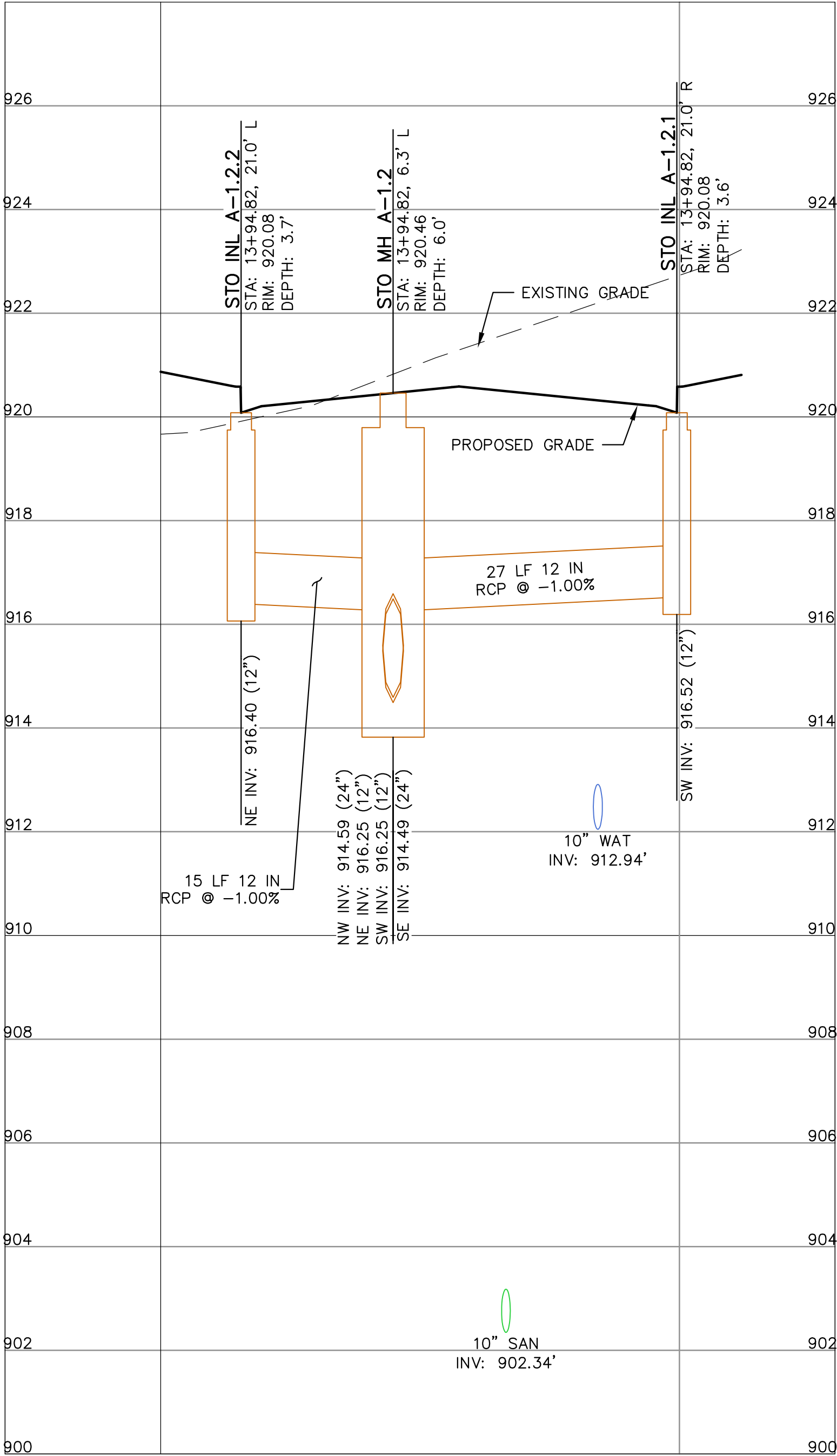
SHEET NUMBER:
C13.0

JSD PROJECT NO: 15-7018

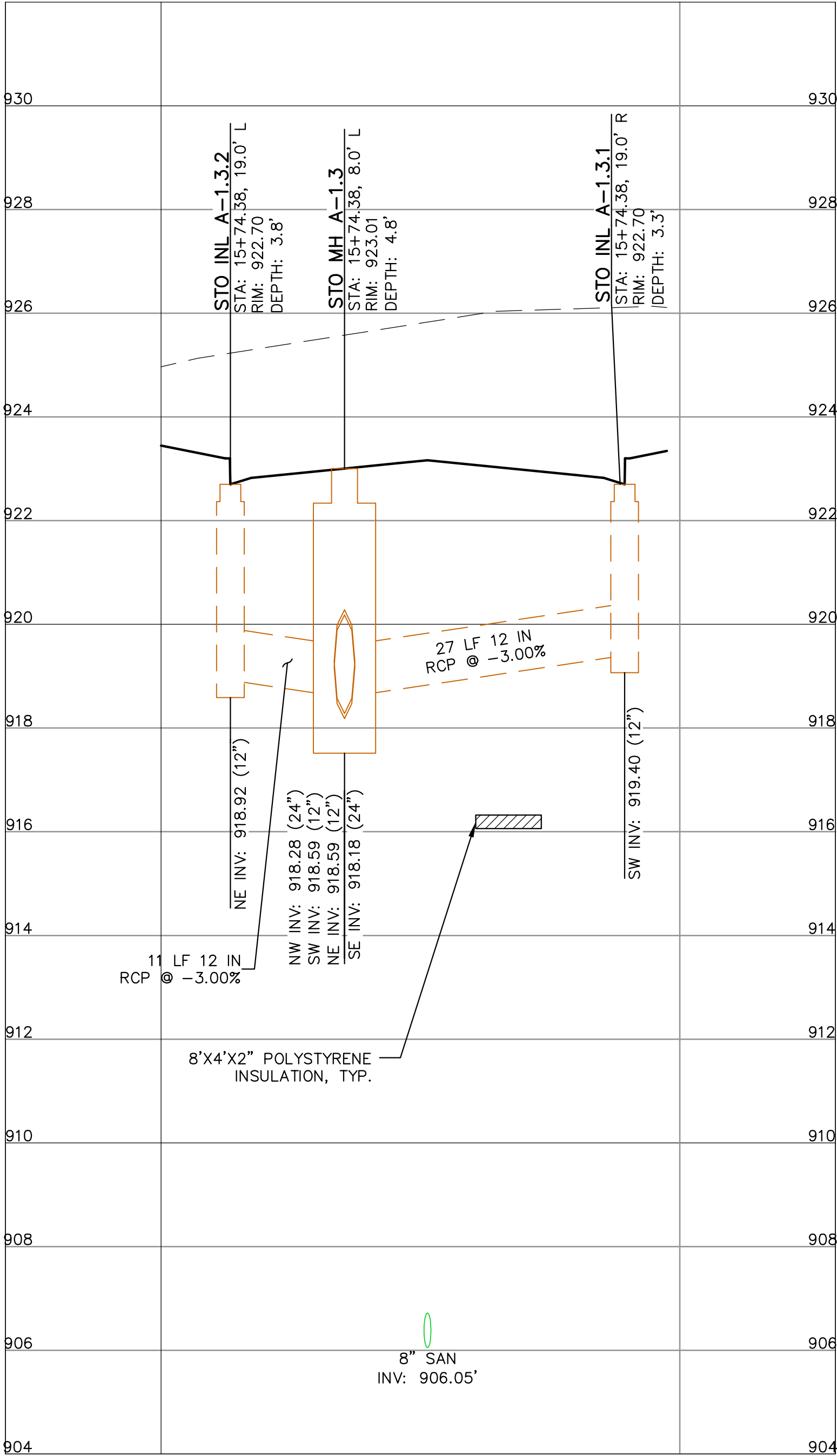
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JACKSON ST STA: 13+95

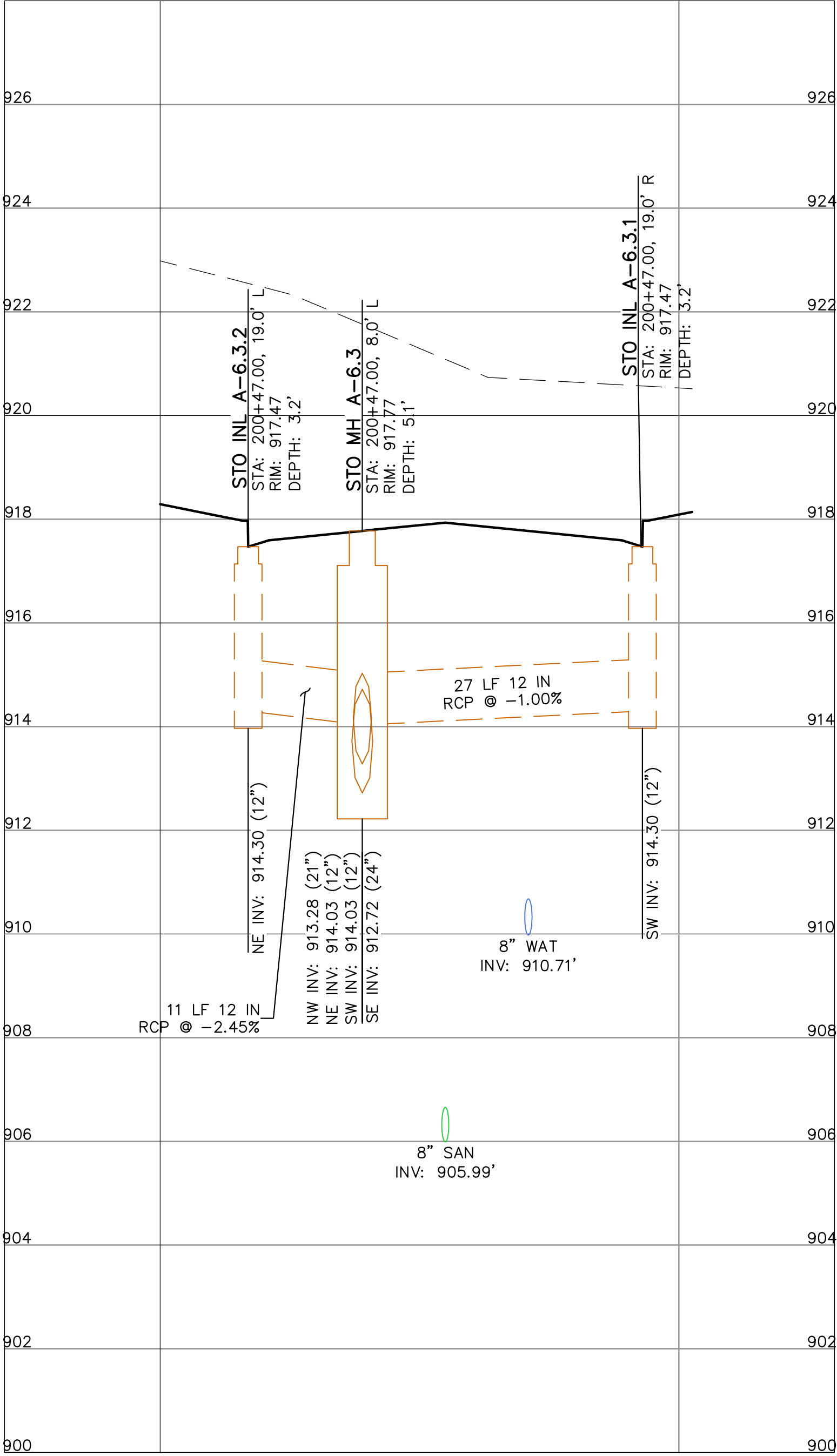


JACKSON ST STA: 15+74

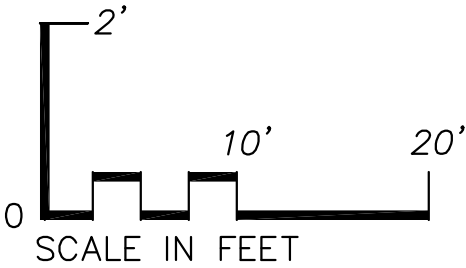


NOTE:
MANHOLE STO A-6.3 TO BE INSTALLED.
INSTALL ONE PIPE LENGTH, CAP AND SEAL.
TO BE EXTENDED IN FUTURE PHASES.

OSLO RUN STA: 200+47



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PROPOSED GRADE

EXISTING GRADE

39 LF 12 IN RCP @ -3.42%

STO INL D-2

STA: 50+13.14, 18.3' R

RIM: 920.15

DEPTH: 3.3'

W INV: 917.45 (12")

N INV: 916.94 (12")

E INV: 916.84 (12")

This diagram is a sanitary sewer profile view showing the vertical alignment of a sewer line. The vertical axis represents elevation in feet, ranging from 908 to 926. The horizontal axis represents stationing, with key points labeled as follows:

- STO FES D-3:** STA: 50+08.44, 44.5' R, RIM: 919.93
- STO INL D-2:** STA: 50+13.14, 18.3' R, RIM: 920.15, DEPTH: 3.3'
- STO INL D-1:** STA: 50+13.13, 18.3' L, RIM: 920.15, DEPTH: 4.3'
- STO FES D:** STA: 50+12.94, 66.0' L, RIM: 916.67

The profile shows three pipe segments:

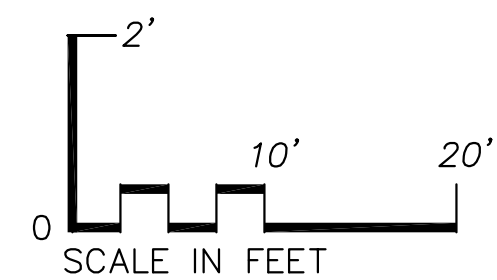
- 27 LF 12 IN RCP @ -4.96%** (from STA 50+08.44 to 50+13.14)
- 37 LF 12 IN RCP @ -2.51%** (from STA 50+13.14 to 50+13.13)
- 48 LF 12 IN RCP @ -0.66%** (from STA 50+13.13 to 50+12.94)

Key elevations and depths are noted at each structure:

- Structure 1 (STO FES D-3):** E INV: 918.76 (12")
- Structure 2 (STO INL D-2):** W INV: 917.45 (12"), N INV: 916.94 (12"), E INV: 916.84 (12")
- Structure 3 (STO INL D-1):** W INV: 915.92 (12"), E INV: 915.82 (12")
- Structure 4 (STO FES D):** W INV: 915.50 (12")

Additional features include:

- 10" WAT:** A water main crossing under the sewer line at INV: 913.42.
- 8" SAN:** A sanitary sewer line at INV: 908.98'.
- 8'x4'x2" POLYSTYRENE INSULATION, TYP.:** A note indicating the material used for the sewer line.



[illegible]

This diagram illustrates a sanitary sewer system layout. It features three manholes (MH) and two inlets (INL) connected by sewer lines. The system includes a water tank (WAT) and a sanitary inlet (SAN) with their respective elevations and depths. The sewer lines are labeled with their size, length, and slope.

Structure	Station	Size	Material	Depth	Inv. (ft)
Manhole	55+24.45	6.1	STO	3.4'	913.43
Manhole	55+24.45	6.1	MH	5.4'	913.73
Manhole	55+24.45	6.1	STO	3.5'	913.43
Inlet	55+24.45	6.1	INL	3.4'	913.43
Inlet	55+24.45	6.1	INL	3.5'	913.43
Water Tank	53+00.00	10"	WAT	-	903.17'
Sanitary Inlet	53+00.00	8"	SAN	-	905.64'
Manhole	53+00.00	12"	MH	-	908.36
Manhole	53+00.00	15"	MH	-	909.72
Manhole	53+00.00	30"	MH	-	908.46
Manhole	53+00.00	30"	MH	-	909.79
Manhole	53+00.00	30"	MH	-	908.36
Manhole	53+00.00	30"	MH	-	908.46
Manhole	53+00.00	30"	MH	-	909.72
Manhole	53+00.00	30"	MH	-	908.36
Manhole	53+00.00	30"	MH	-	908.46
Manhole	53+00.00	30"	MH	-	909.72
Manhole	53+00.00	30"	MH	-	908.36
Manhole	53+00.00	30"	MH	-	908.46
Manhole	53+00.00	30"	MH	-	909.72
Manhole	53+00.00	30"	MH	-	908.36
Manhole	53+00.00	30"	MH	-	908.46
Manhole	53+00.00	30"	MH	-	909.72
Manhole	53+00.00	30"	MH	-	908.36
Manhole	53+00.00	30"	MH	-	908.46
Manhole	53+00.00	30"	MH	-	909.72
Manhole	53+00.00	30"	MH	-	908.36
Manhole	53+00.00	30"	MH	-	908.46
Manhole	53+00.00	30"	MH	-	909.72
Manhole	53+00.00	30"	MH	-	908.36
Manhole	53+00.00	30"	MH	-	908.46
Manhole	53+00.00	30"	MH	-	909.72
Manhole	53+00.00	30"	MH	-	908.36
Manhole	53+00.00	30"	MH	-	908.46
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Manhole	53+00.00	30"	MH	-	909.72
Manhole	53+00.00	30"	MH	-	908.36
Manhole	53+00.00	30"	MH	-	908.46
Manhole	53+00.00	30"	MH	-	909.72
Manhole	53+00.00	30"	MH	-	908.36

Diagram showing a cross-section of a sewer line with three manholes. The sewer line is labeled 27 LF 12 IN RCP @ -2.00%.

Manhole 1 (Left):

- STO INL A-6.2.2
- STA: 58+30.45, 19.0' R
- RM: 917.91
- DEPTH: 3.4'

Manhole 2 (Middle):

- STO MH A-6.2.1
- STA: 58+30.45, 8.0' L
- RM: 918.21
- DEPTH: 4.5'

Manhole 3 (Right):

- STO INL A-6.2.1A
- STA: 58+30.45, 19.0' L
- RM: 917.90
- DEPTH: 3.6'

Sewer Line Details:

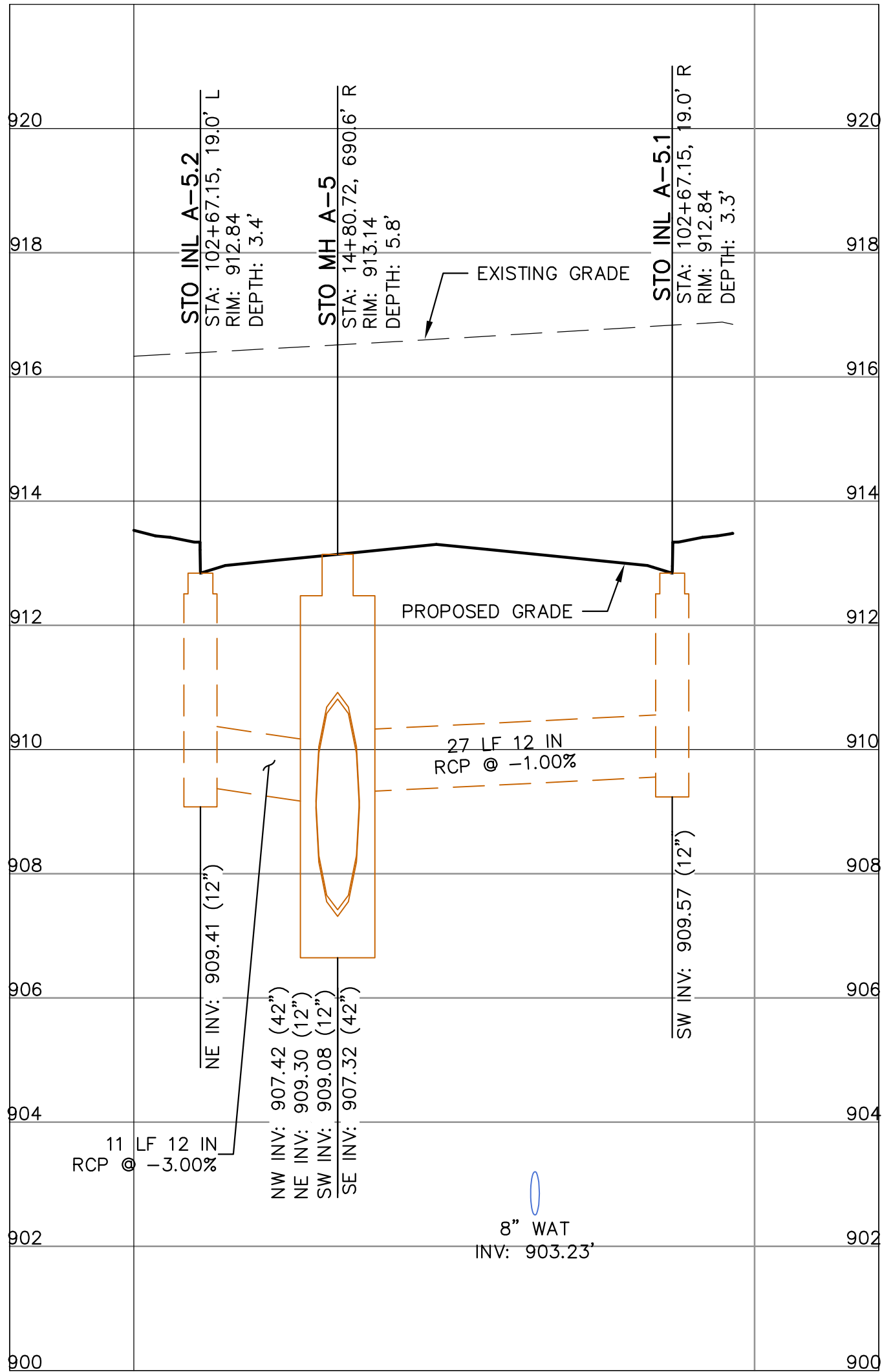
- SE INV: 914.49 (12")
- NW INV: 913.95 (12")
- SE INV: 913.95 (12")
- NE INV: 913.72 (12")
- NW INV: 914.33 (12")
- 11 LF 12 IN RCP @ -3.45%

Ground Surface: 8" SAN INV: 904.31'



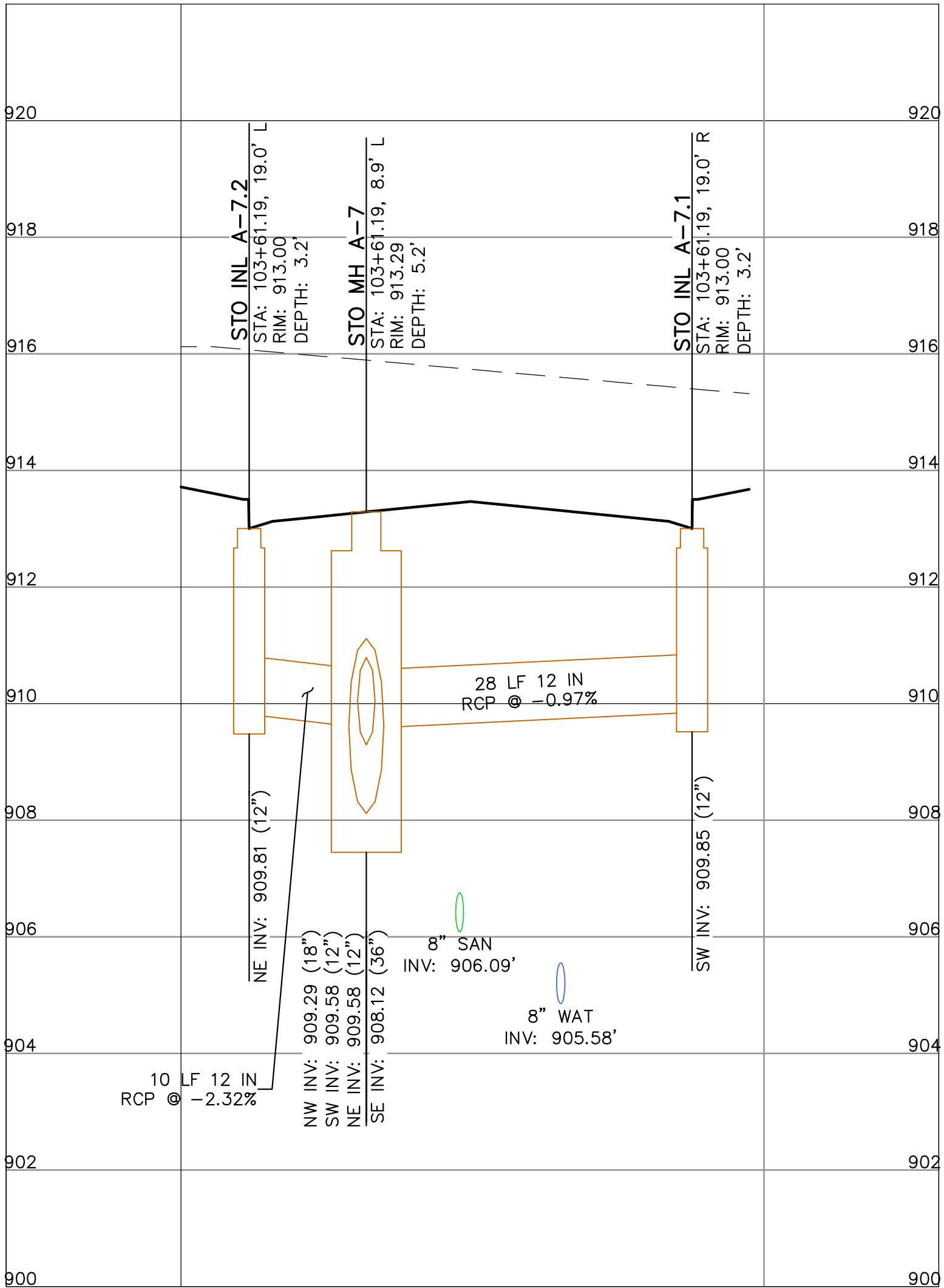
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ASPEN COURT STA: 102+67

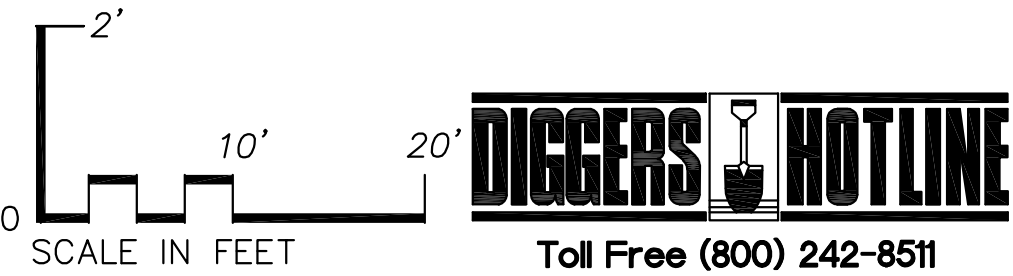
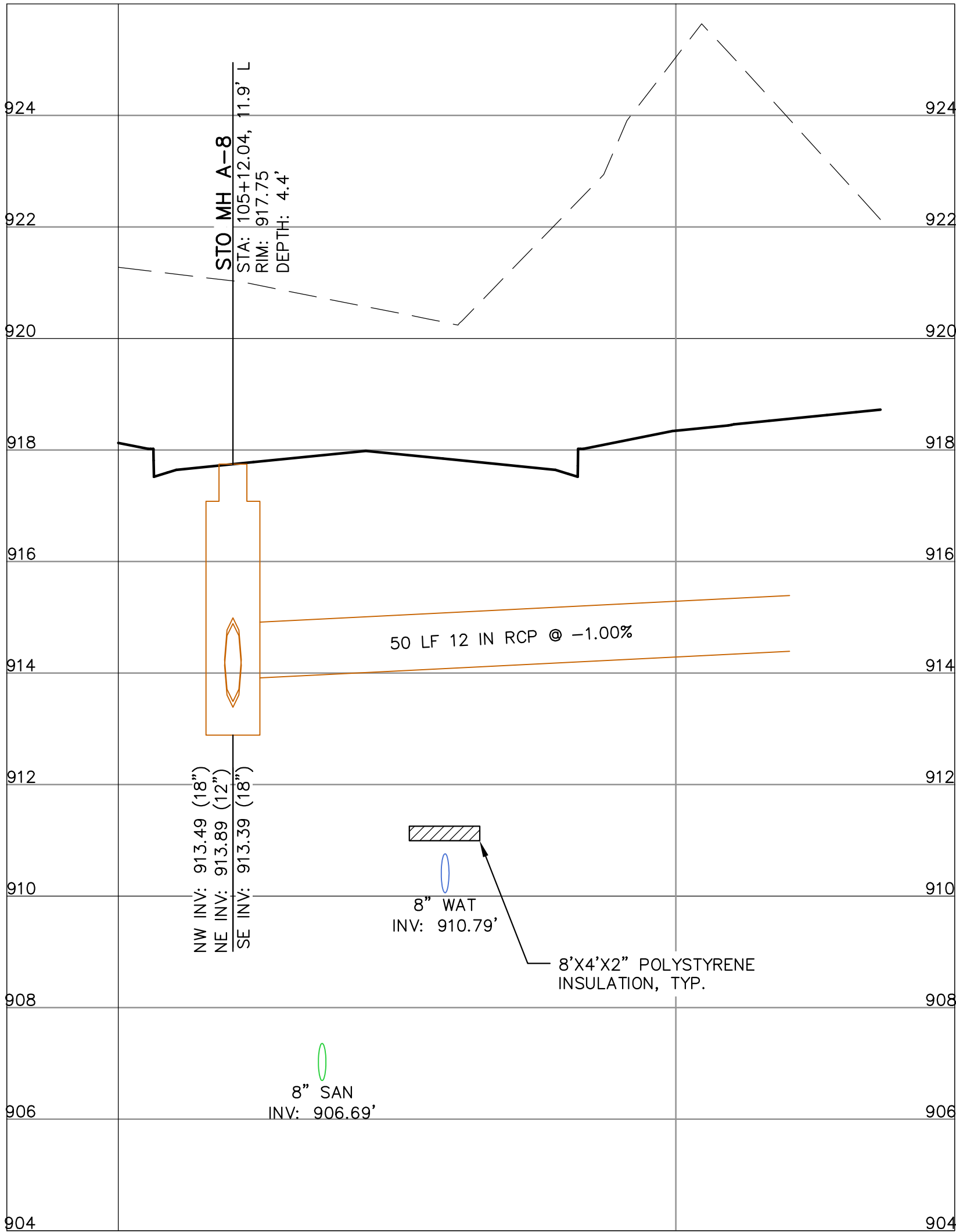


NOTE:
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INSTALL ONE PIPE LENGTH, CAP AND SEAL.
TO BE EXTENDED IN FUTURE PHASES.

ASPEN TRAIL STA: 103+61



ASPEN TRAIL STA: 105+12



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VERONA, WI 53508

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NORTH ADDITION

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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
STORM SEWER INLET
PROFILES

SHEET NUMBER:

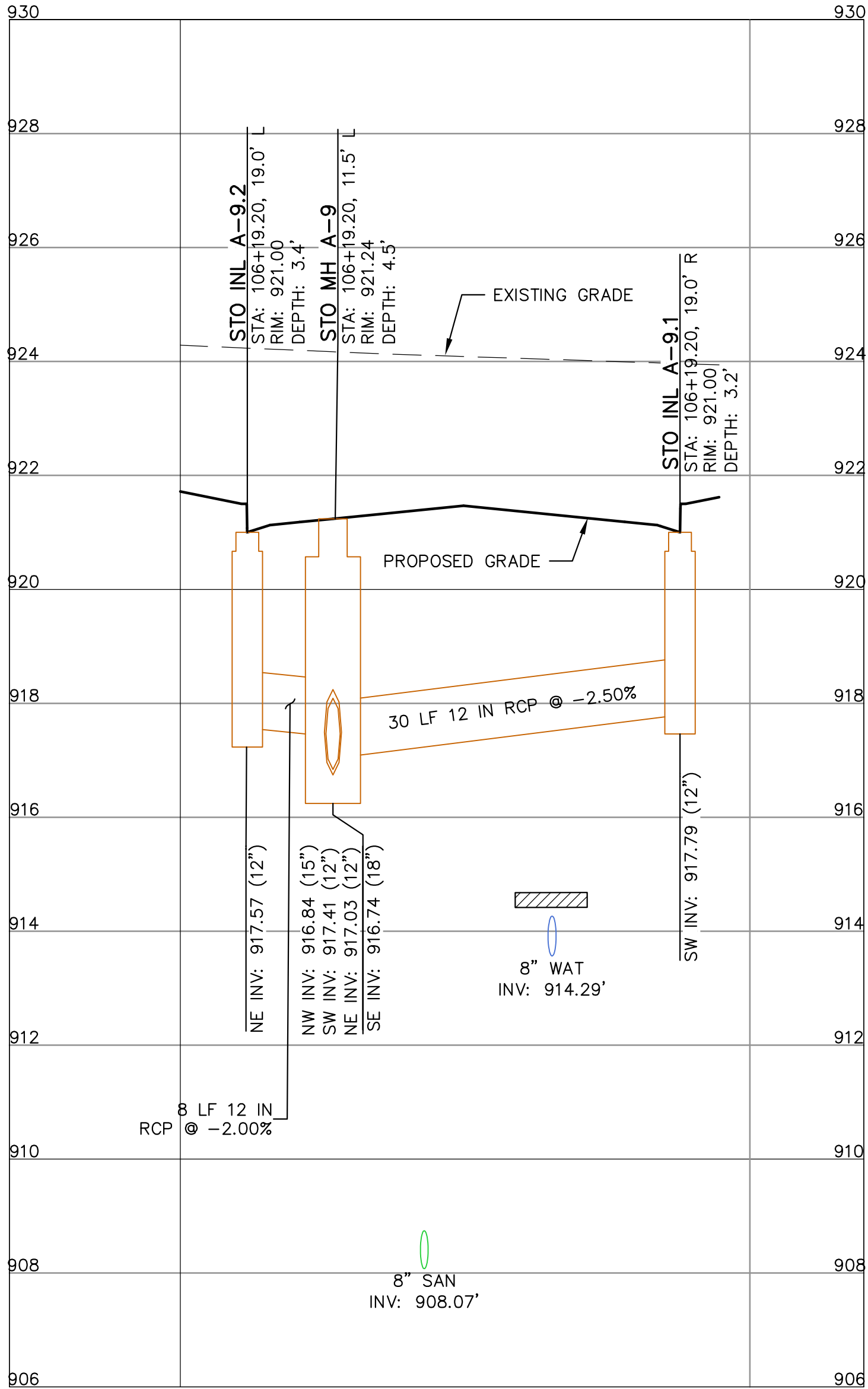
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JSD PROJECT NO: 15-7018

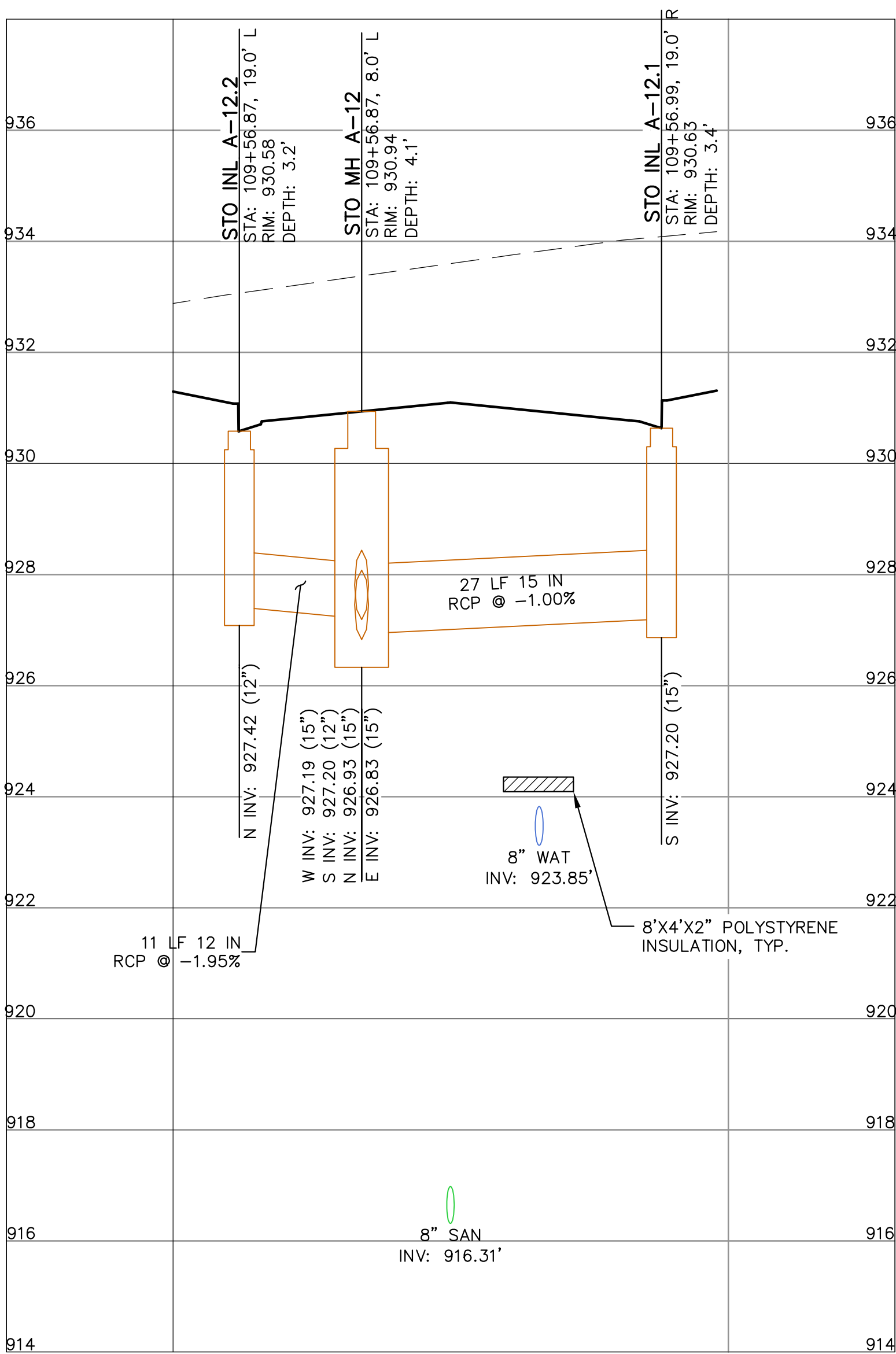
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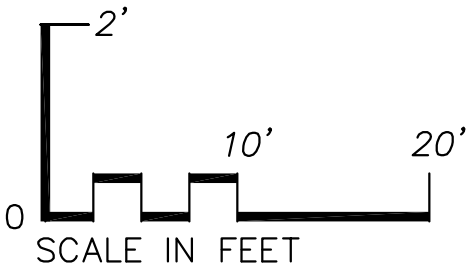
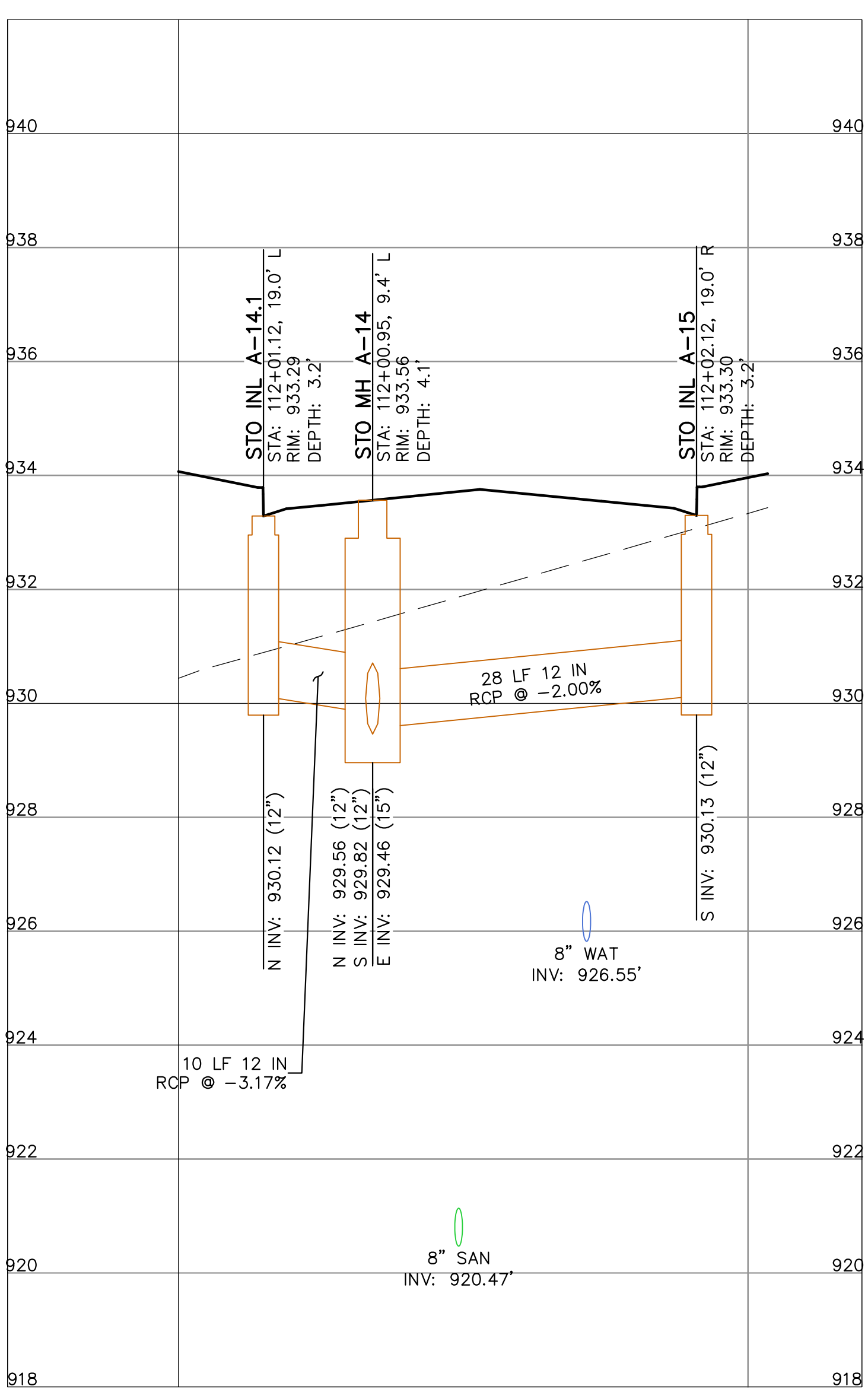
ASPEN TRAIL STA: 106+19



ASPEN TRAIL STA: 109+57



ASPEN TRAIL STA: 112+01



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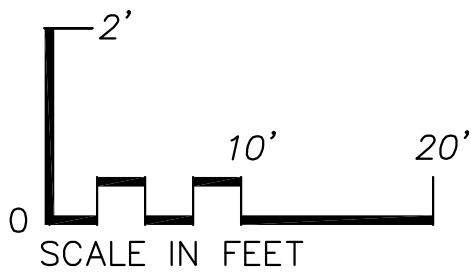
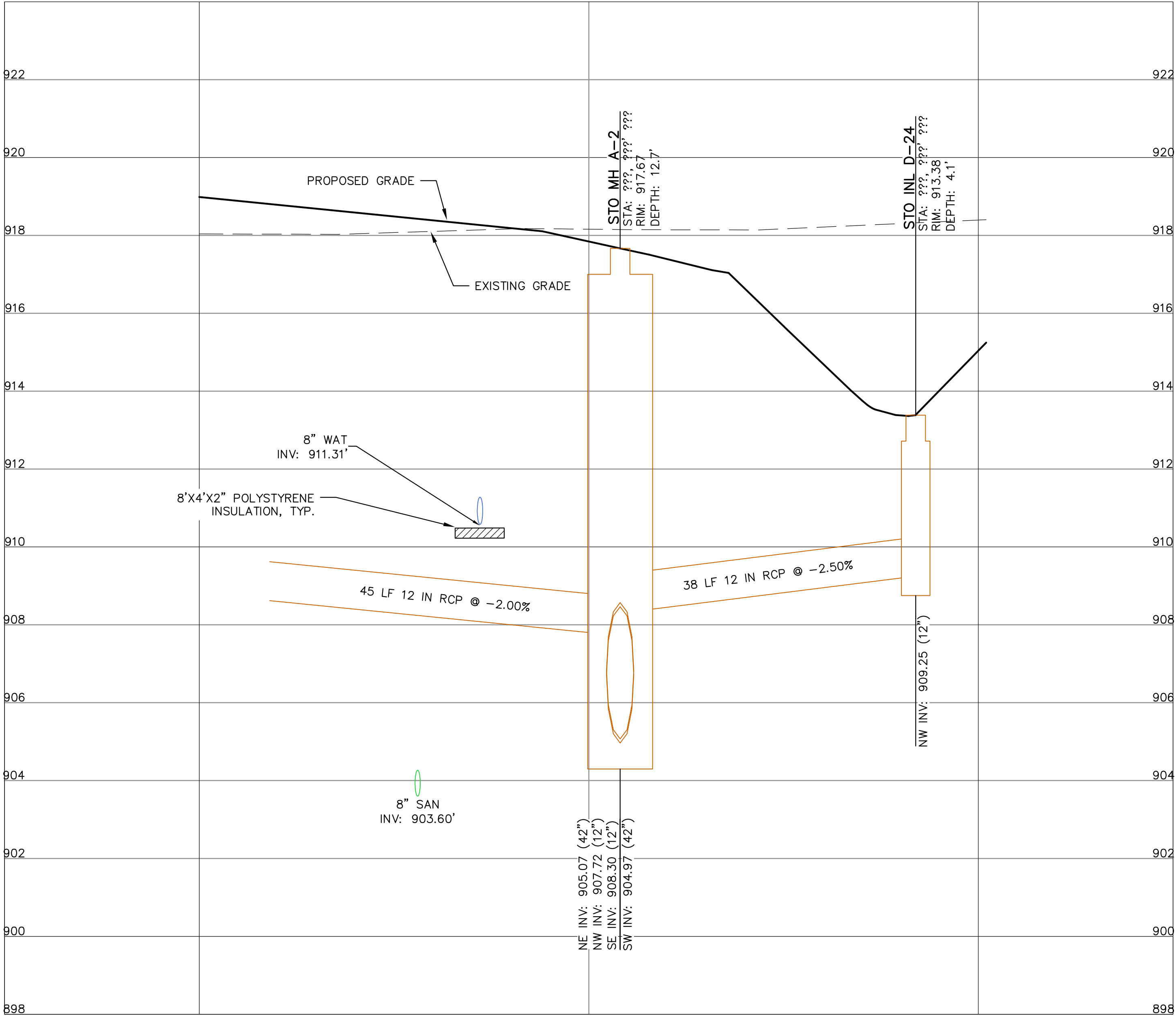
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