KETTLE PARK WEST - NORTH ADDITION

CITY OF STOUGHTON, DANE COUNTY, WISCONSIN

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

DRAWING INDEX

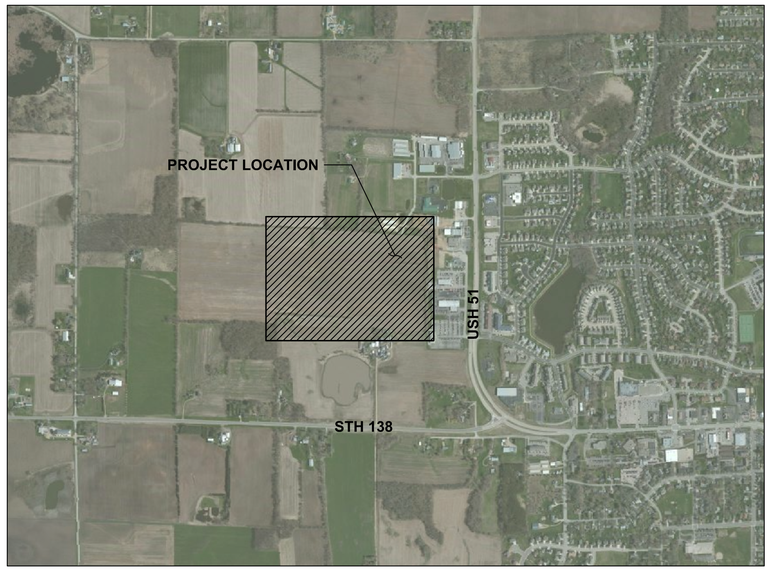
C0.0	TITLE SHEET
C1.0	EXISTING CONDITIONS SURVEY
C1.1	EXISTING CONDITIONS SURVEY
C1.2	EXISTING CONDITIONS SURVEY
C1.3	EXISTING CONDITIONS SURVEY
C1.4	EXISTING CONDITIONS SURVEY
C2.0	GENERAL NOTES
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C5.0	OVERALL UTILITY PLAN & SHEET MAP
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C6.0	STRUCTURE TABLE - STORMWATER
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C7.0	INTERSECTION DETAIL - JACKSON ST & OAK OPENING DR
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C8.0	CONSTRUCTION DETAILS
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C10.0	OAK OPENING DRIVE TEMPORARY CONNECTION

PAVING & STORM SEWER PLAN & PROFILES

C11.0	JACKSON STREET - STA 8+50 TO 13+50
C11.1	JACKSON STREET - STA 13+50 TO 18+75
C11.2	OAK OPENING DRIVE - STA 49+50 TO 55+00
C11.3	OAK OPENING DRIVE - STA 55+00 TO 60+25
C11.4	OAK OPENING DRIVE - STA 60+25 TO 65+50
C11.5	ASPEN COURT & ASPEN TRAIL - STA 99+50 TO 104+50
C11.6	ASPEN TRAIL- STA 104+50 TO 109+75
C11.7	ASPEN TRAIL- STA 109+75 TO 115+50
C11.8	OSLO RUN - STA 200+00 TO 205+00
C11.9	OSLO RUN - STA 205+00 TO 205+58
C11.10	JACKSON STREET TO ASPEN COURT - STA 1+00 TO 6+25
C11.11	JACKSON STREET TO ASPEN COURT - STA 6+25 TO 9+03

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

north

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
C12.10	JACKSON STREET TO ASPEN COURT - STA 1+00 TO 6+25
C12.11	JACKSON STREET TO ASPEN COURT - STA 6+25 TO 9+03
C12.12	JACKSON STREET - WATERMAIN LOOP

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

OWNER/DEVELOPER
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CLIENT:

FDG

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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2	05.28.19	F-PLAT COMMENT RESPONSE
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
C0.0

JSD PROJECT NO: 15-7018

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LEGEND

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

NOTES

1. FIELD WORK PERFORMED BY JSD PROFESSIONAL SERVICES, INC. ON MARCH 8, 2019.
2. 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.
3. 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'
4. CONTOUR INTERVAL IS ONE FOOT.
5. 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.
6. 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
7. BEFORE EXCAVATION, APPROPRIATE UTILITY COMPANIES SHOULD BE CONTACTED. FOR EXACT LOCATION OF UNDERGROUND UTILITIES, CONTACT DIGGERS HOTLINE, AT 1.800.242.8511.
8. 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

north

SCALE IN FEET

150' 0 150'

SCALE 1" = 150'

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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FDG

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VERONA, WI 53508

PRELIMINARY NOT FOR CONSTRUCTION

PROJECT:
KETTLE PARK WEST NORTH ADDITION

PROJECT LOCATION:
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DANE COUNTY

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Approved:

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EXISTING CONDITIONS

SHEET NUMBER:
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JSD PROJECT NO: 15-7018

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LANE

OSLO

TRAIL

STREET

GEILO ALLEY NORTH

RUN

DRIVE

OAK

OPENING

ASPEN COURT

TRYSIL ALLEY NORTH

north

SCALE IN FEET

50' 0 50'

SCALE 1" = 50'

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NOTE: SEE SHEET C 1.0 FOR
UTILITY AND BENCHMARK TABLES

STREET

GEILO ALL

BOULDER

GEILO ALLEY SOUTH

DRIVE

TRYSIL ALLEY SOUTH

RUN

OPENING

OUTLOT 1 CSM No. 14855 OWNER: KETTLE PARK WEST LLC

OUTLOT 2 CSM No. 14855 OWNER: KETTLE PARK WEST LLC

OUTLOT 3 KETTLE PARK WEST NORTH ADDITION

OUTLOT 4

OUTLOT 5

OUTLOT 6

north

SCALE IN FEET
50' 0 50'

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Approved:

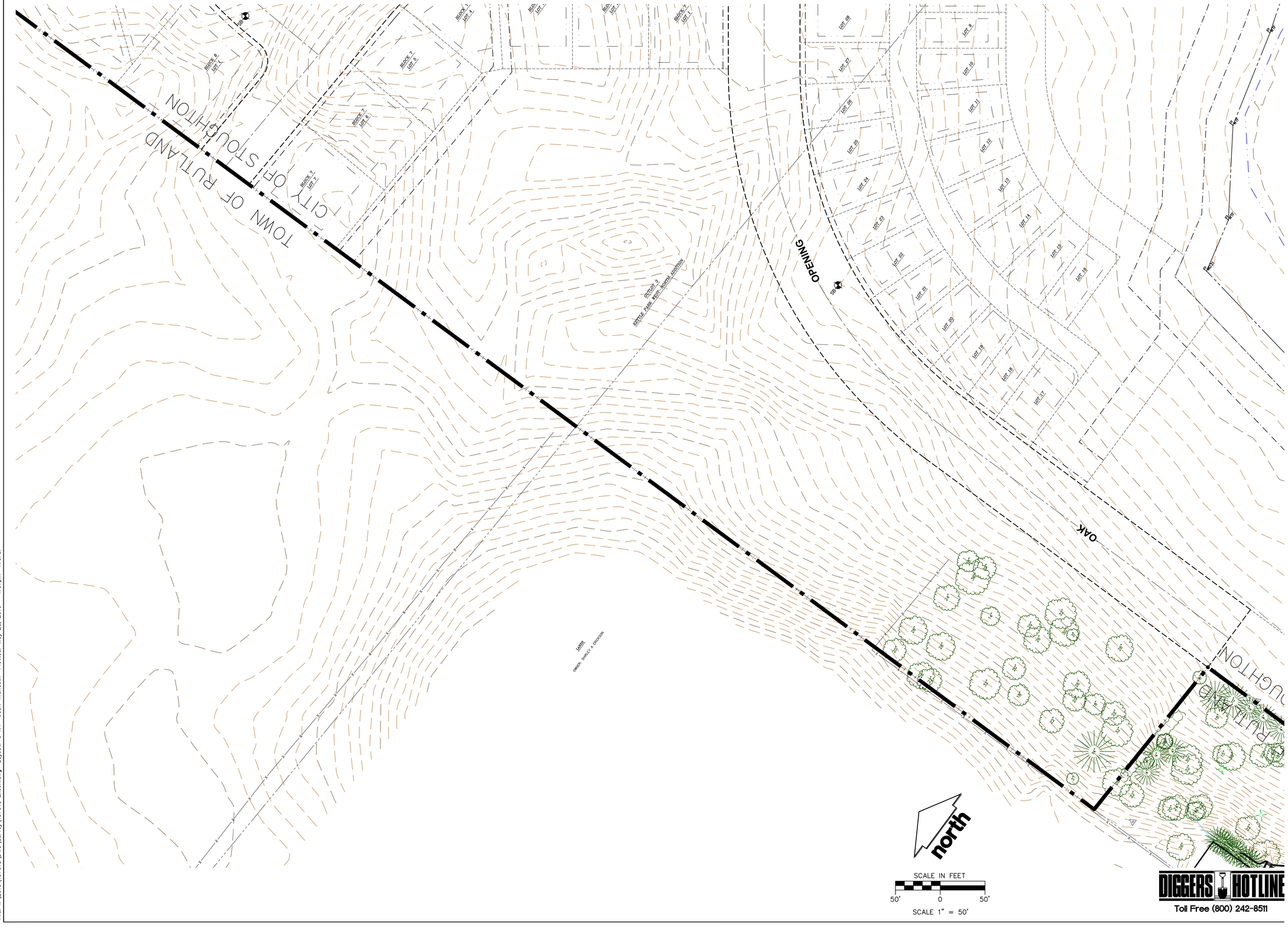
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JSD PROJECT NO: 15-7018

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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 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 DETAIL 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 DETAIL 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 TARPAULIN 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 TACIFIERS.

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 STORWMATER 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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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
2	05.28.19	F-PLAT COMMENT RESPONSE
3		
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15		

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

SHEET TITLE:
GENERAL NOTES

SHEET NUMBER:
C2.0

JSD PROJECT NO: 15-7018

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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 PLAYMENT, 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. ALL PRIVATE SANITARY BUILDING PIPE AND TUBING SHALL CONFORM TO SPS 384.30-2.
17. ALL PRIVATE STORM BUILDING PIPE AND TUBING SHALL CONFORM TO SPS 384.30-3.
18. ALL PRIVATE PIPE AND TUBING FOR WATER SERVICE SHALL CONFORM TO SPS 384.30-4.
19. ALL PRIVATE STORM PIPE SHALL CONFORM TO SPS 382.40(8)(B)4.A.
20. 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.
21. 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.
22. UTILITY SERVICES SHALL EXTEND A MINIMUM OF 10' INTO THE LOT.
23. SANITARY RISERS SHALL BE PROVIDED IF DEPTH OF LATERAL IS GREATER THAN 10' AT THE PROPERTY LINE. LATERALS SHALL BE LOCATED BY GPS AND RECORD ELEVATIONS PROVIDED BY THE CONTRACTOR IN RECORD DRAWINGS.
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
- 959 PROPOSED 1 FOOT CONTOUR
- 960 PROPOSED 5 FOOT CONTOUR
- 959 EXISTING 1 FOOT CONTOUR
- 960 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
- S SANITARY SEWER S
- W WATERMAIN
- D STORM SEWER D
- S FUTURE SANITARY SEWER S
- W FUTURE WATERMAIN
- D FUTURE STORM SEWER D
- S SAN EXISTING SANITARY SEWER S
- W EXISTING WATERMAIN
- D STM EXISTING STORM SEWER D
- 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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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
2	05.28.19	F-PLAT COMMENT RESPONSE
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Design/Drawn: **EWO/CHG/MSS/CLH**
Approved: **WHD/TAT**

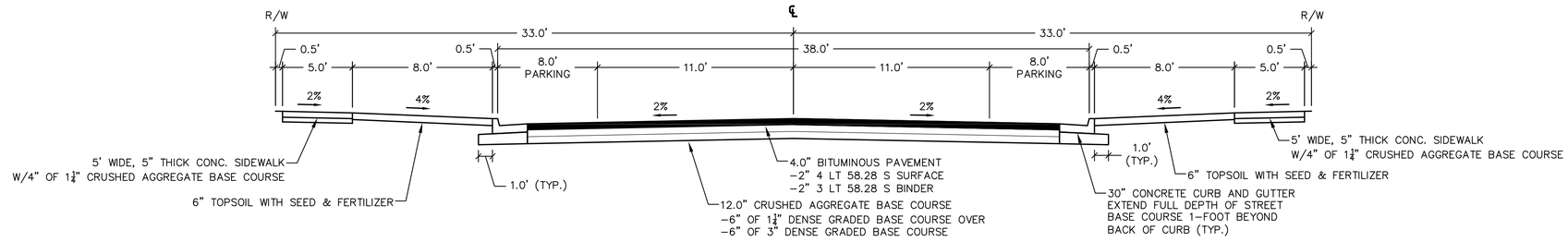
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GENERAL NOTES & LEGEND

SHEET NUMBER:
C2.1

JSD PROJECT NO: 15-7018

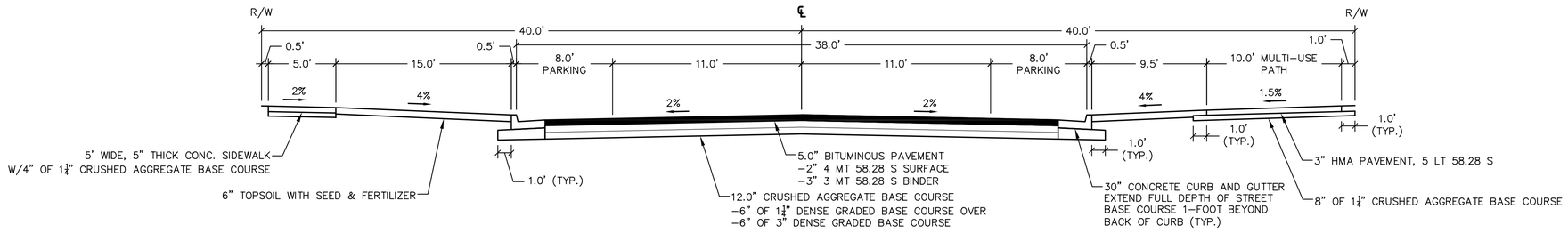
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File: I:\2019\157018\DWG\Civil\Civil Sheets\PH2 First Addition\157018 C2.0 – General Notes.dwg Layout: C2.1 GENERAL NOTES & LEGEND User: nfunseth Plotted: May 28, 2019 – 9:11am Xref's:



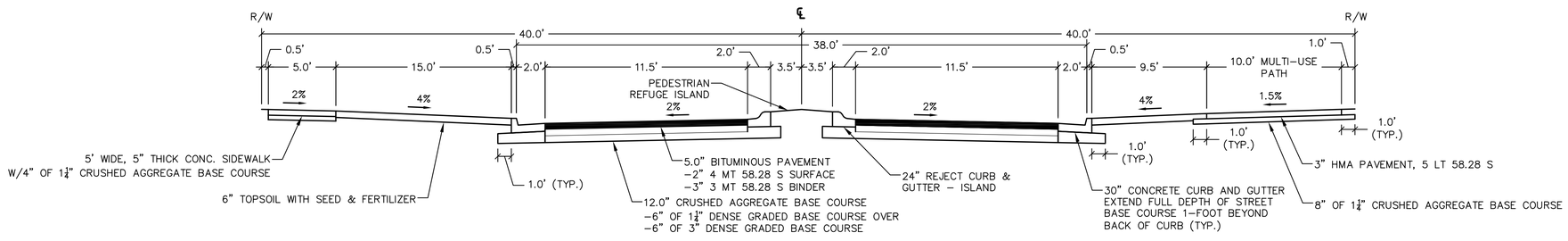
TYPICAL FINISHED SECTION - RESIDENTIAL STREET

OSLO RUN
ASPEN TRAIL
ASPEN COURT



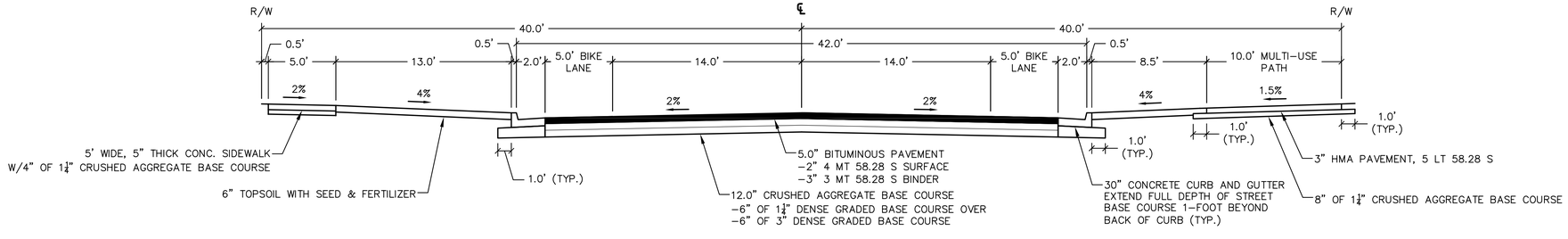
TYPICAL FINISHED SECTION - COLLECTOR STREET (PARKING ON STREET)

OAK OPENING DRIVE



TYPICAL FINISHED SECTION - COLLECTOR STREET

OAK OPENING DRIVE WITH ISLAND



TYPICAL FINISHED SECTION - COLLECTOR STREET (NO PARKING ON STREET)

JACKSON STREET

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PROJECT LOCATION:
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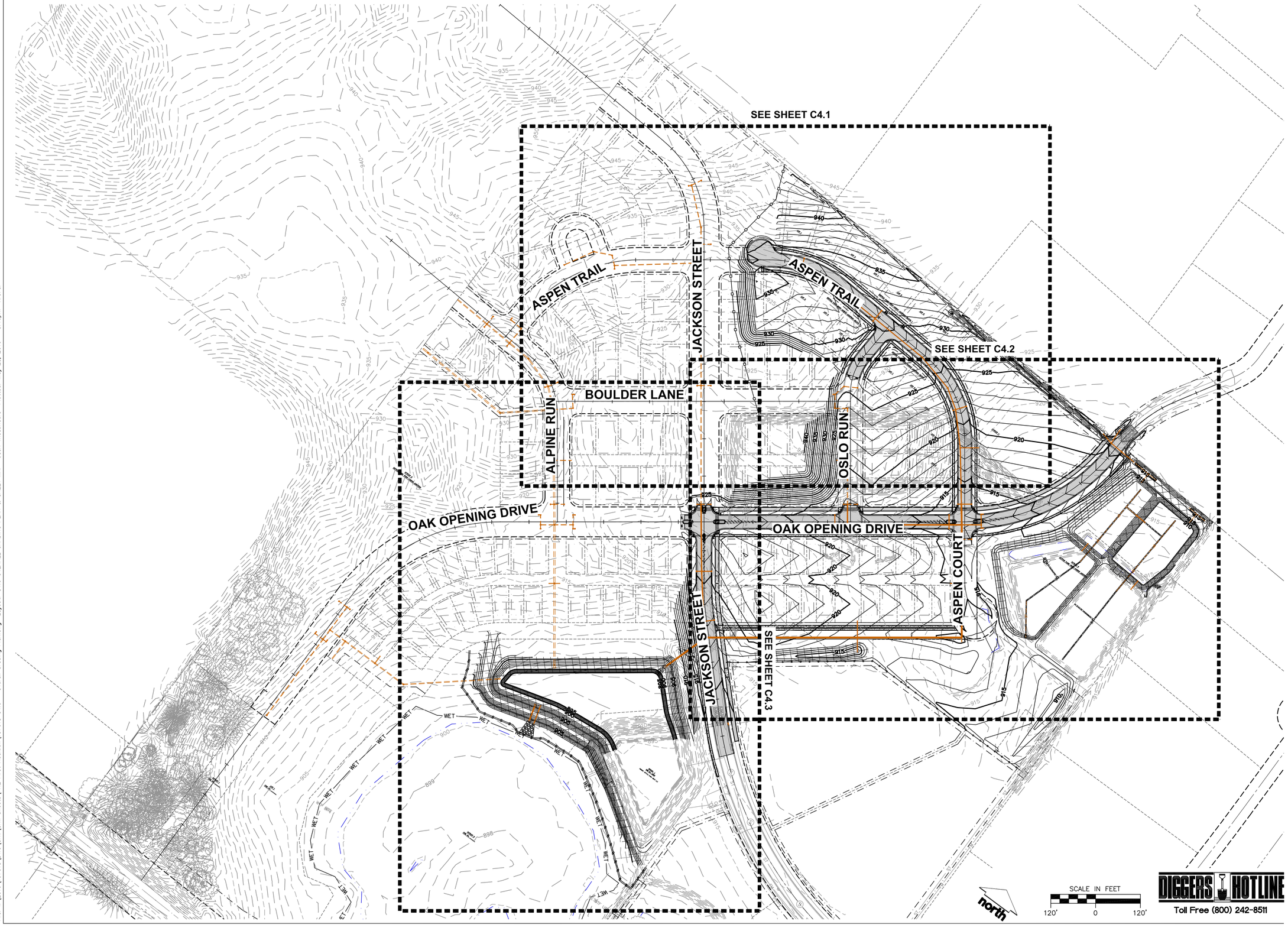
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SHEET NUMBER:
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JSD PROJECT NO: 15-7018

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PROJECT LOCATION:
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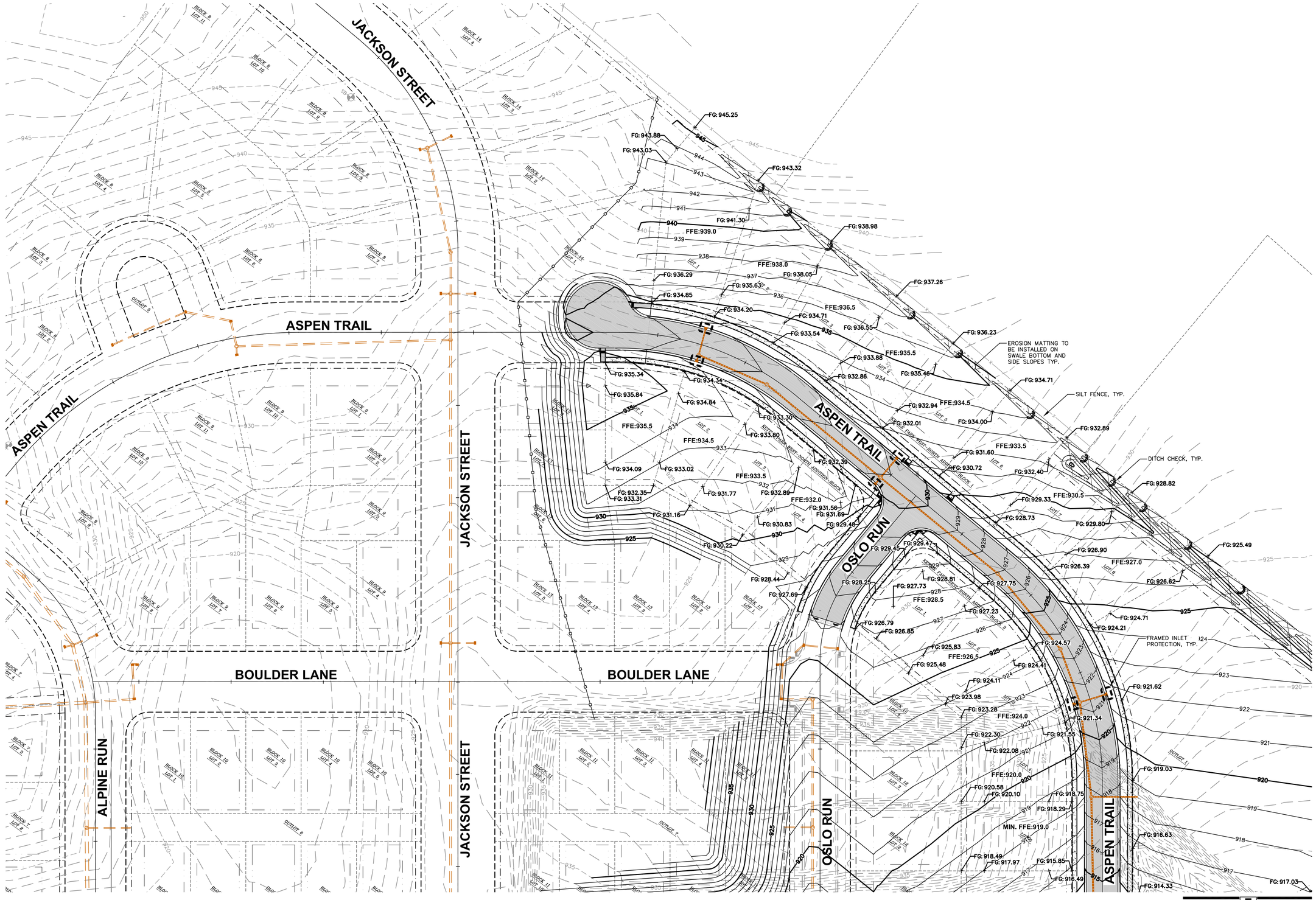
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SHEET TITLE:
OVERALL GRADING & EROSION CONTROL PLAN & SHEET MAP

SHEET NUMBER:
C4.0

JSD PROJECT NO: 15-7018

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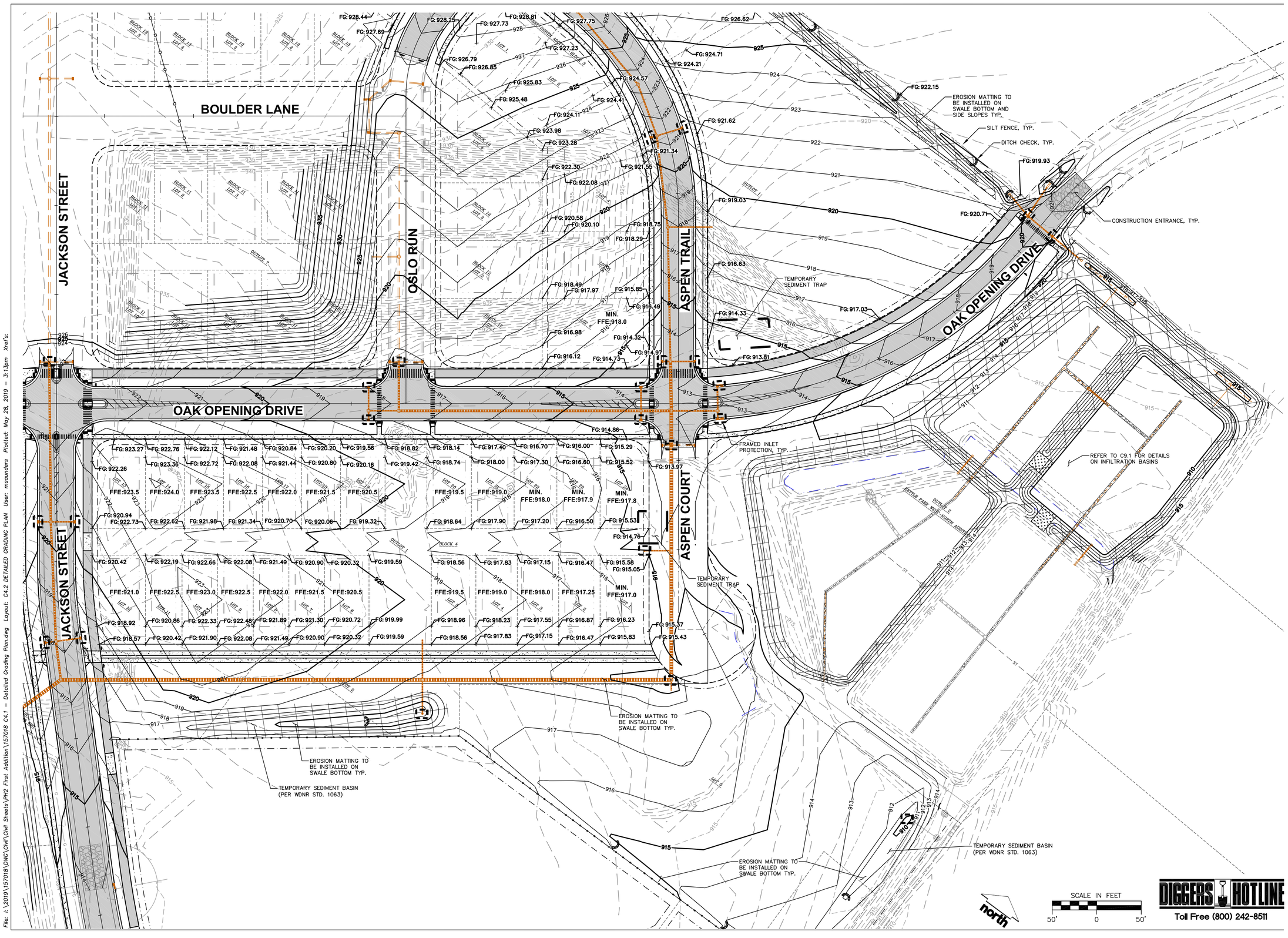
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Approved: WHD/TAT

SHEET TITLE:
DETAILED GRADING & EROSION CONTROL PLAN

SHEET NUMBER:
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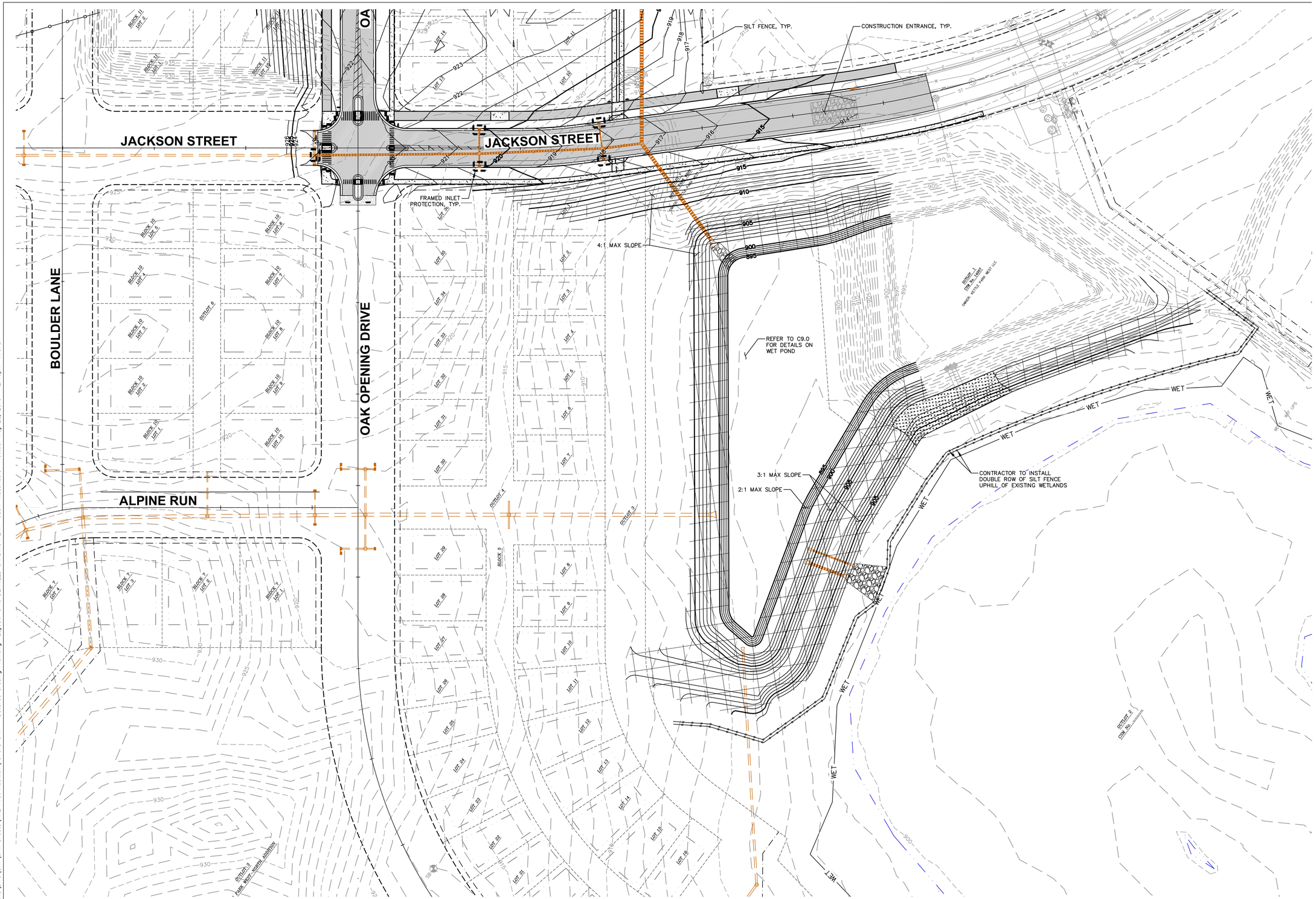
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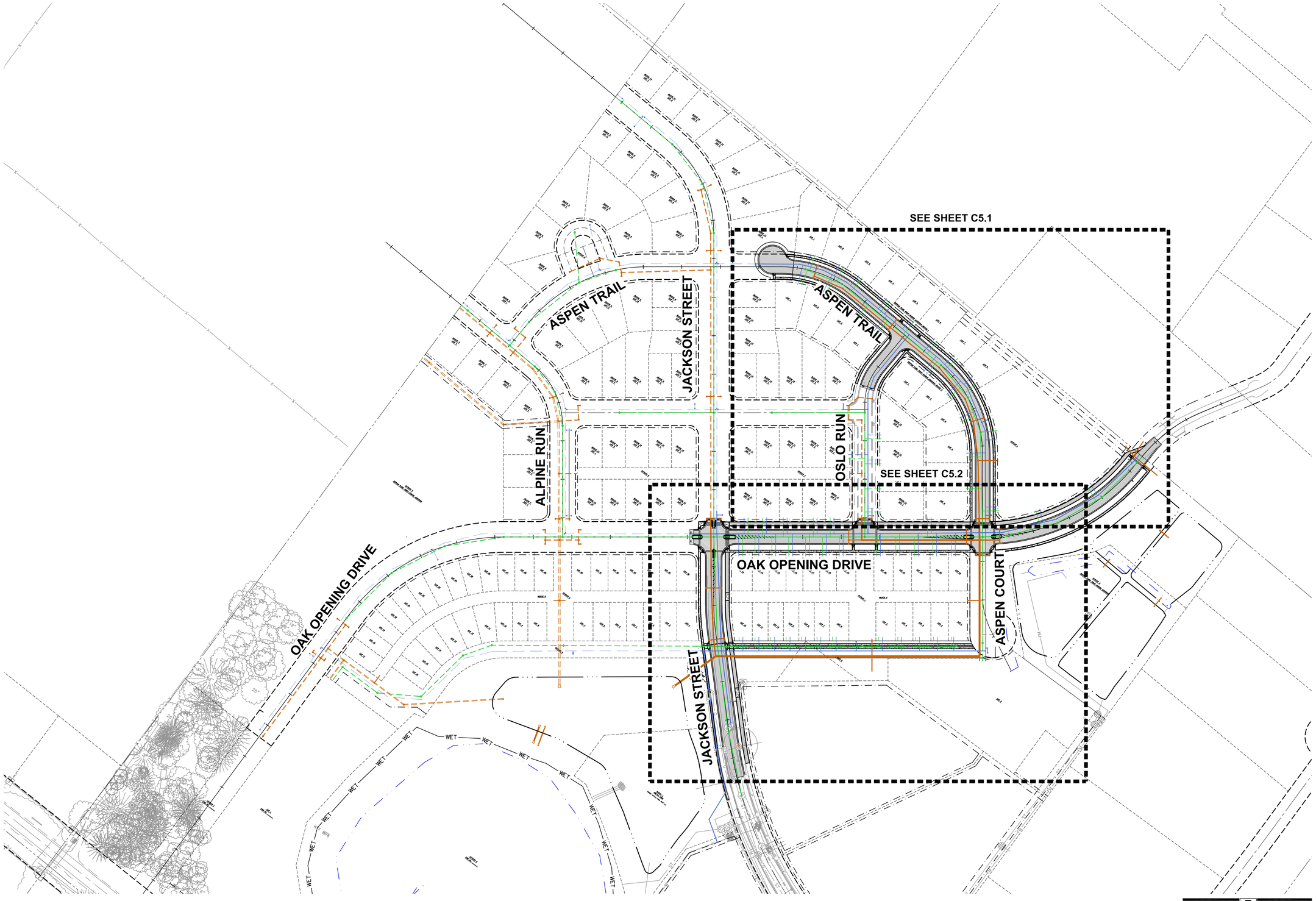
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DETAILED GRADING & EROSION CONTROL PLAN

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PROJECT:
KETTLE PARK WEST NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

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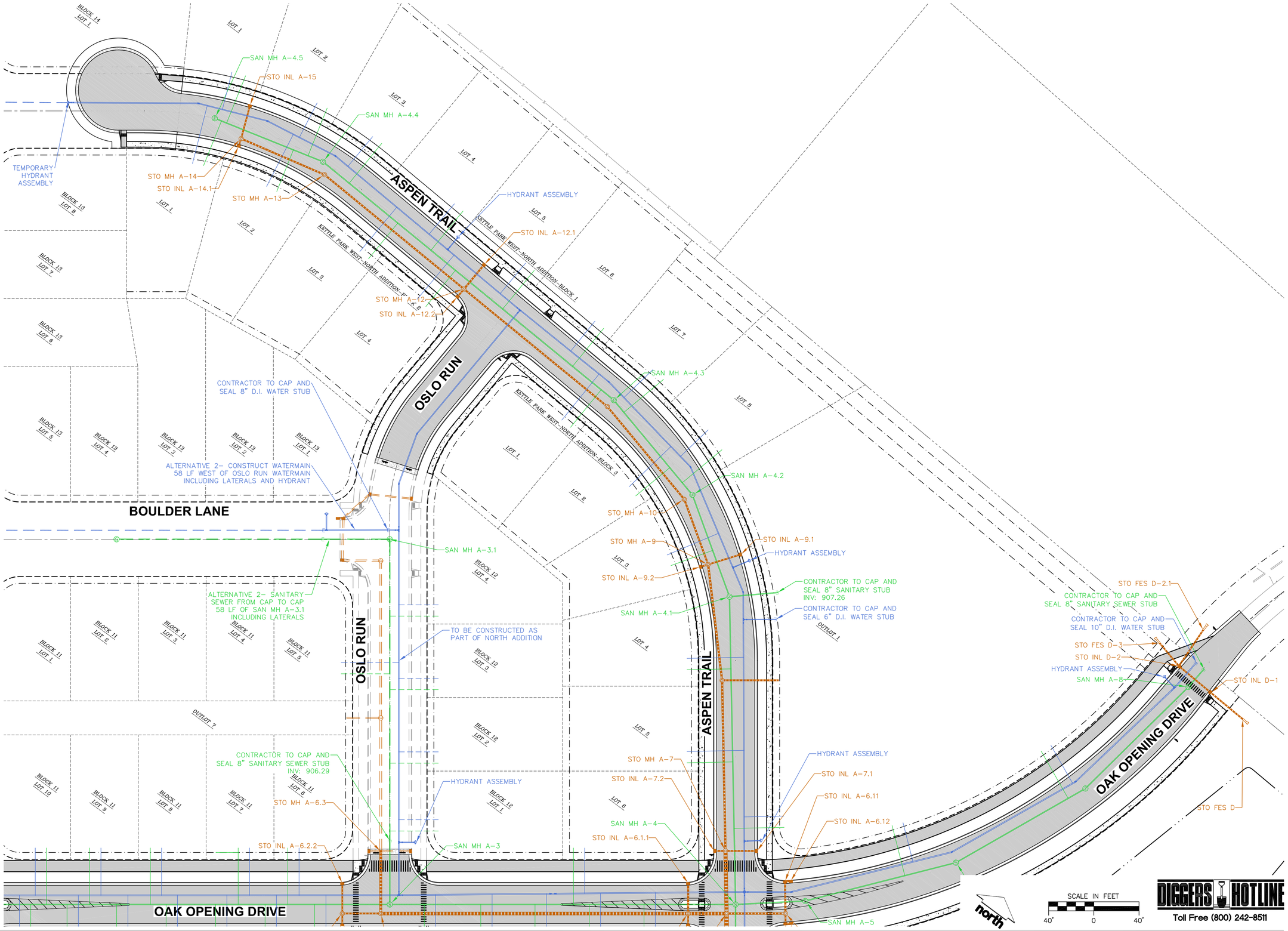
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SHEET TITLE:
OVERALL UTILITY PLAN & SHEET MAP

SHEET NUMBER:
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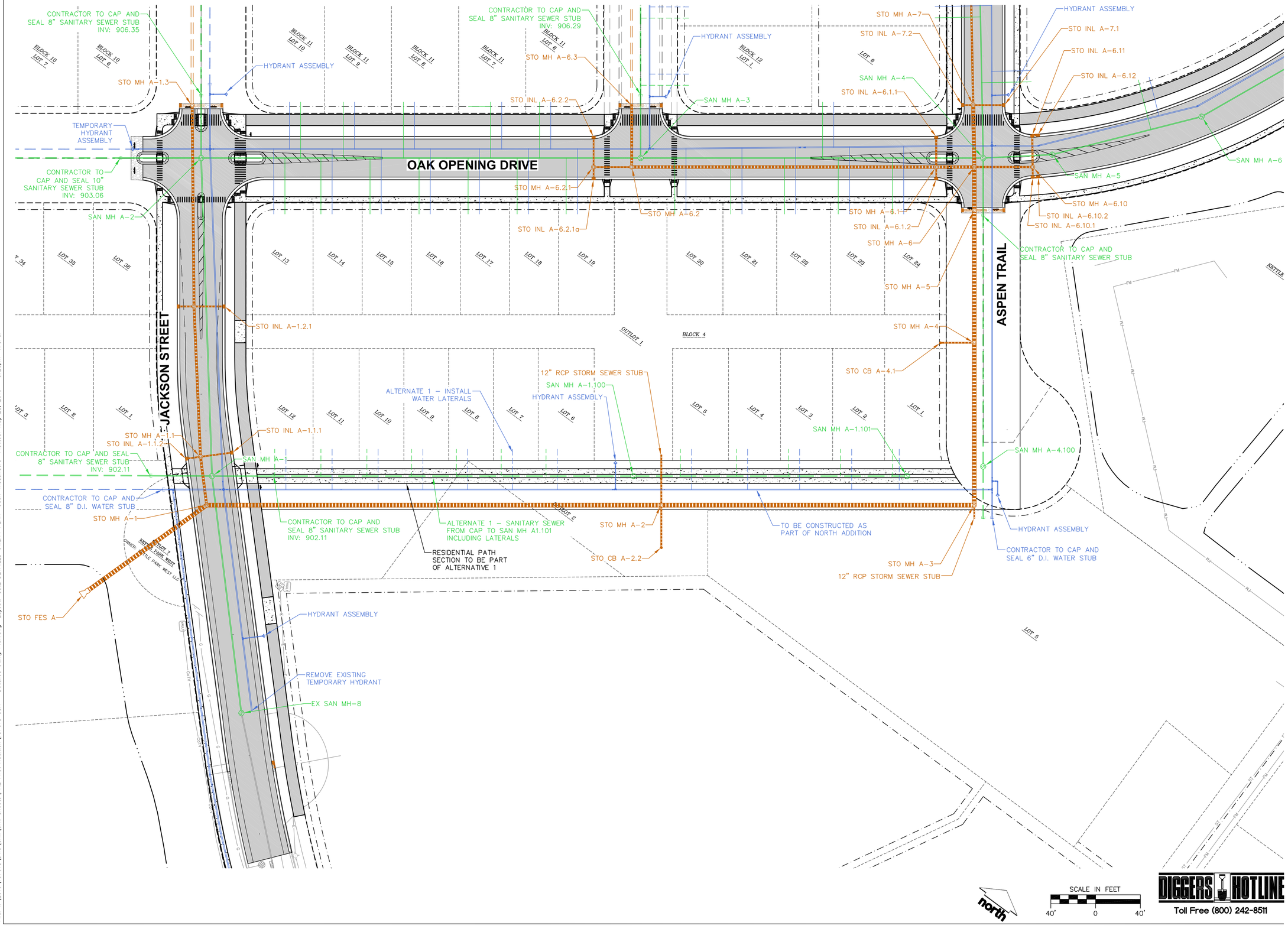
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SHEET TITLE:
DETAILED UTILITY PLAN

SHEET NUMBER:
C5.1

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Design/Drawn: EWO/CHG/MSS/CLH
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DETAILED UTILITY PLAN

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JSD PROJECT NO: 15-7018

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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 R
STO INL A-6.10.2	912.32	SW INV: 909.50 (12")	2.8	2 x 3 INLET	R-3067 TYPE R
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 R
STO INL A-6.12	912.68	SW INV: 909.35 (15")	3.3	2 x 3 INLET	R-3067 TYPE R
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 R
STO INL A-15	933.30	S INV: 930.13 (12")	3.2	2 x 3 INLET	R-3067 TYPE R
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 R
STO MH A-1	917.32	S INV: 902.40 (42") NE INV: 903.82 (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: 905.28 (42") NE INV: 905.38 (42") NW INV: 907.72 (12") SE INV: 908.30 (12")	12.4	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: 908.02 (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	930.91	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	932.70	E INV: 928.62 (15") W INV: 928.72 (15")	4.1	48 IN MH (FLAT)	R-1550 SOLID LID
STO MH A-14	933.52	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'	905.28	903.82	0.36%	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	905.38	0.34%	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	28'	927.20	926.93	0.95%	15 IN RCP
STO A-12.2	STO INL A-12.2	STO MH A-12	10'	927.42	927.20	2.26%	12 IN RCP
STO A-13	STO MH A-13	STO MH A-12	160'	928.62	927.19	0.90%	15 IN RCP
STO A-14	STO MH A-14	STO MH A-13	80'	929.46	928.72	0.92%	15 IN RCP
STO A-14.1	STO INL A-14.1	STO MH A-14	7'	930.12	929.82	4.07%	12 IN RCP
STO A-15	STO INL A-15	STO MH A-14	31'	930.13	929.56	1.86%	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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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
2	05.28.19	F-PLAT COMMENT RESPONSE
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

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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File: I:\2019\15701B\DWG\Civil\Civil Sheets\PH2 First Addition\15701B C6.1 – Structure Tables.dwg Layout: C6.0 – Storm User: nfunseth Plotted: May 23, 2019 – 4:11pm Xref's:

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: 900.94 (10") NW INV: 901.05 (10")	13.5	48 IN MH	R-1550 SOLID LID
SAN MH A-1	917.93	SE INV: 901.69 (10") NW INV: 901.89 (10") NE INV: 901.89 (8") SW INV: 901.89 (8")	16.2	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") SE 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'	901.69	901.05	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	333'	919.25	913.43	1.75%	8 IN PVC
SAN A-4.5	SAN MH A-4.5	SAN MH A-4.4	103'	920.38	919.35	1.00%	8 IN PVC
SAN A-4.100	SAN CAP A-4.100	SAN MH A-4	52'	906.11	905.90	0.40%	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'	900.94	900.51	0.24%	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")	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

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"	45	112+12.1	43'R	1"	34	112+23.1	43'R
1	2	4"	45	111+44.1	43'R	1"	34	111+52.8	43'R
1	3	4"	45	110+93.7	43'R	1"	34	111+02.4	43'R
1	4	4"	45	110+01.7	43'R	1"	35	110+11.7	43'R
1	5	4"	44	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+72.8	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"	43	112+29.7	43'L	1"	53	112+41.5	43'L
2	2	4"	40	111+49.4	43'L	1"	52	111+61.1	43'L
2	3	4"	41	110+38.9	43'L	1"	51	110+48.9	43'L
2	4	4"	41	109+72.9	43'L	1"	51	205+15.0	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+06.2	50'L	1"	58	61+16.2	50'L
4	14	4"	50	60+74.0	50'L	1"	58	60+64.0	50'L
4	15	4"	50	60+30.2	50'L	1"	58	60+20.2	50'L
4	16	4"	50	59.86.4	50'L	1"	58	59+76.4	50'L
4	17	4"	50	59+42.6	50'L	1"	58	59+32.6	50'L
4	18	4"	50	58+98.8	50'L	1"	58	58+88.8	50'L
4	19	4"	50	58.55.0	50'L	1"	58	58+45.0	50'L
4	20	4"	50	57+58.0	50'L	1"	59	57+48	50'L
4	21	4"	50	57+08.0	50'L	1"	59	56+78	50'L
4	22	4"	50	56+60.0	50'L	1"	59	56+50	50'L
4	23	4"	50	56+12.0	50'L	1"	60	56+02	50'L
4	24	4"	50	55+63.5	50'L	1"	60	55+53.5	50'L
11	6	4"	50	58+78.8	50'R	1"	42	58+68.8	50'R
11	7	4"	50	59+22.6	50'R	1"	42	59+12.6	50'R
11	8	4"	50	60+00.4	50'R	1"	42	59+90.4	50'R
11	9	4"	50	60+54.0	50'R	1"	42	60+44.0	50'R
11	10	4"	50	60+92.2	50'R	1"	42	61+02.2	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"	36	7+83.1	50'L
4	2	4"	24	7+30.6	50'L	1"	36	7+40.6	50'L
4	3	4"	24	6+84.1	50'L	1"	36	6+94.1	50'L
4	4	4"	24	6+37.6	50'L	1"	36	6+47.6	50'L
4	5	4"	24	5+87.6	50'L	1"	36	5+97.6	50'L
4	6	4"	24	4+67.6	50'L	1"	36	4+77.56	50'L
4	7	4"	24	4+24.6	50'L	1"	36	4+37.6	50'L
4	8	4"	24	3+87.6	50'L	1"	36	3+97.6	50'L
4	9	4"	24	3+47.6	50'L	1"	36	3+57.6	50'L
4	10	4"	24	3+07.6	50'L	1"	36	3+17.6	50'L
4	11	4"	24	2+66.5	50'L	1"	36	2+76.5	50'L
4	12	4"	24	2+25.2	50'L	1"	36	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:
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:
1	03.12.19	FINAL PLAT
2	05.28.19	F-PLAT COMMENT RESPONSE
3		
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

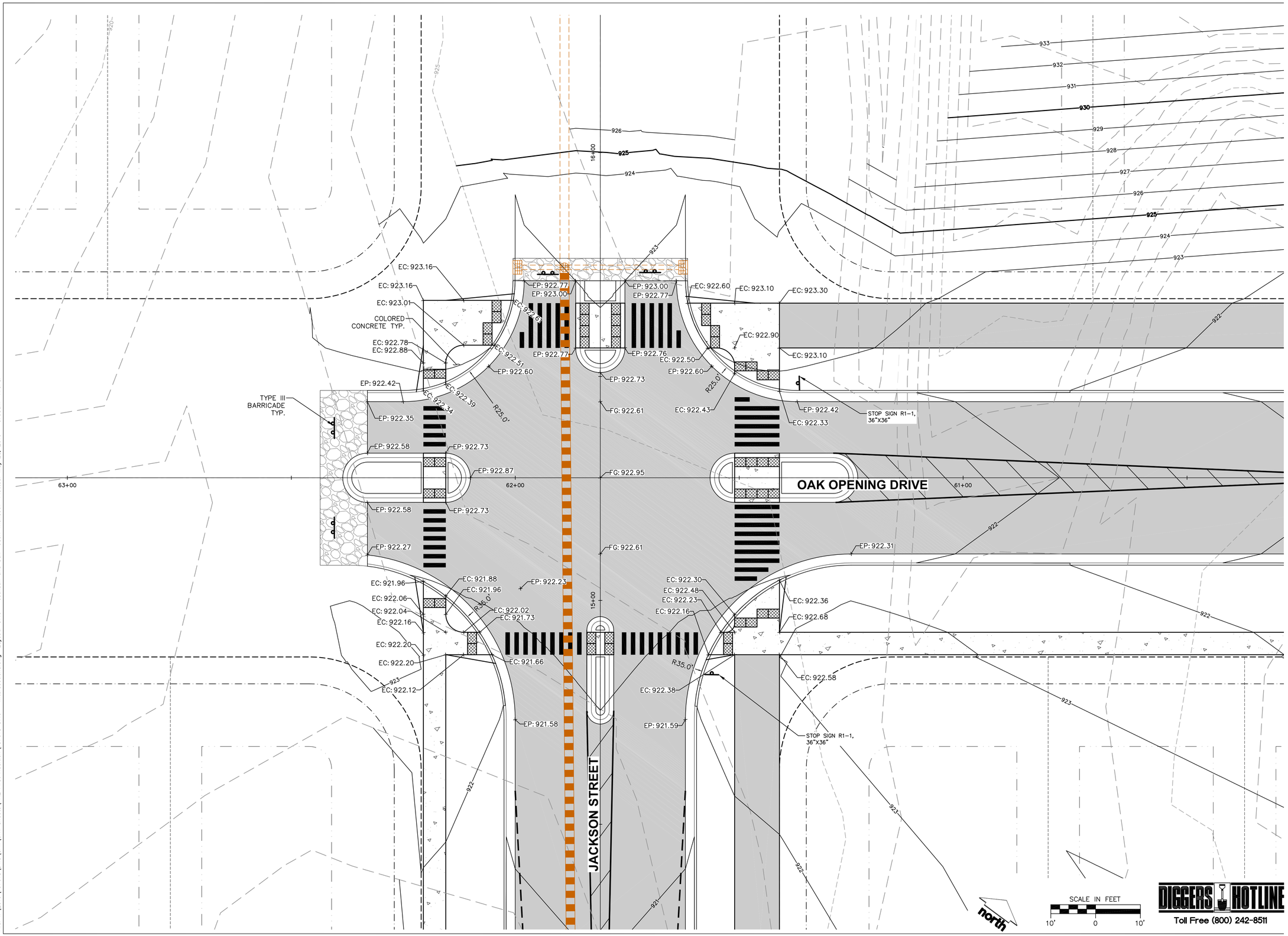
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SANITARY SEWER STRUCTURE TABLES

SHEET NUMBER:
C6.1

JSD PROJECT NO: 15-7018

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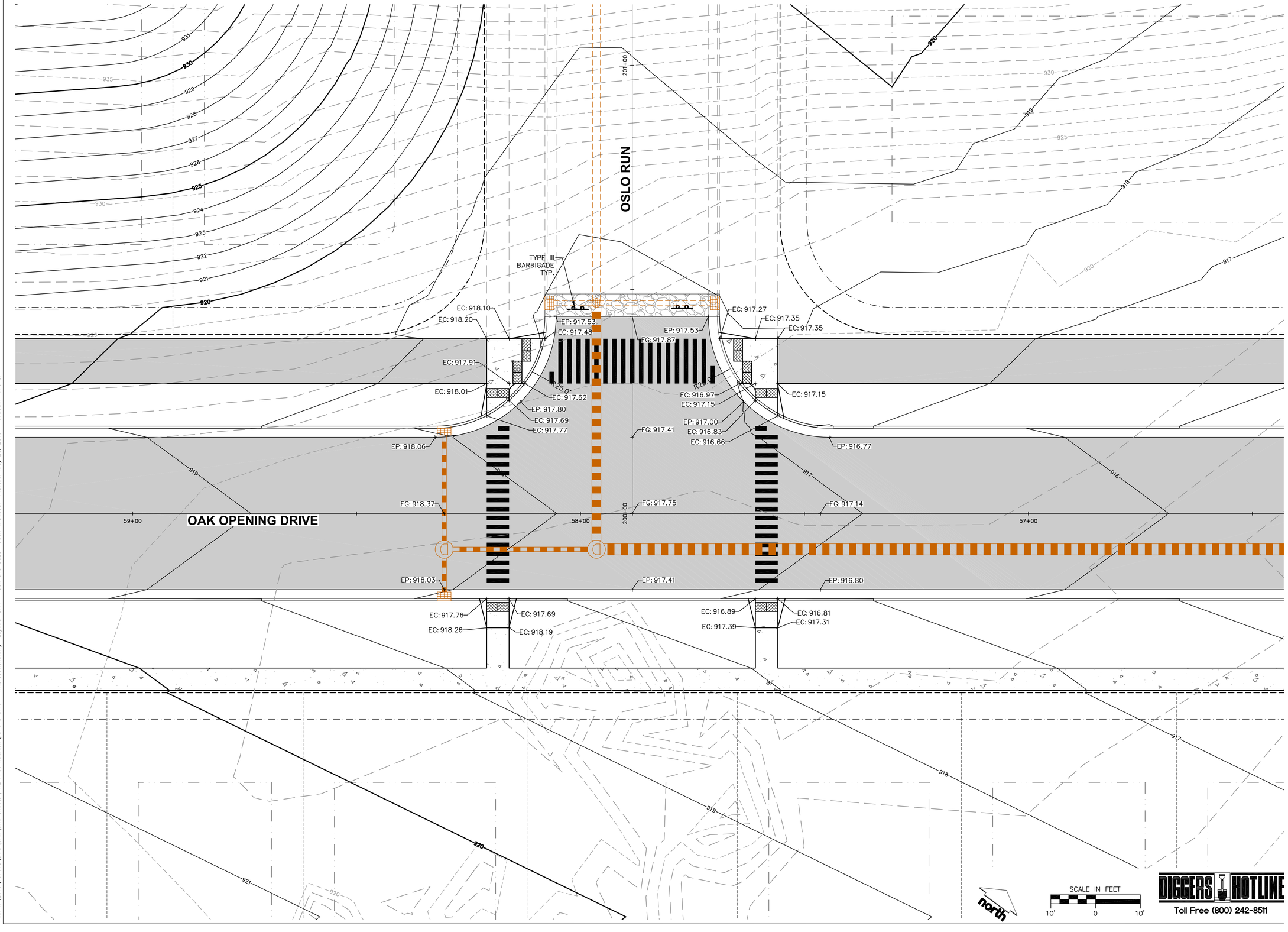
Design/Drawn: **EWO/CHG/MSS/CLH**
Approved: **WHD/TAT**

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

SHEET NUMBER:
C7.0

JSD PROJECT NO: 15-7018

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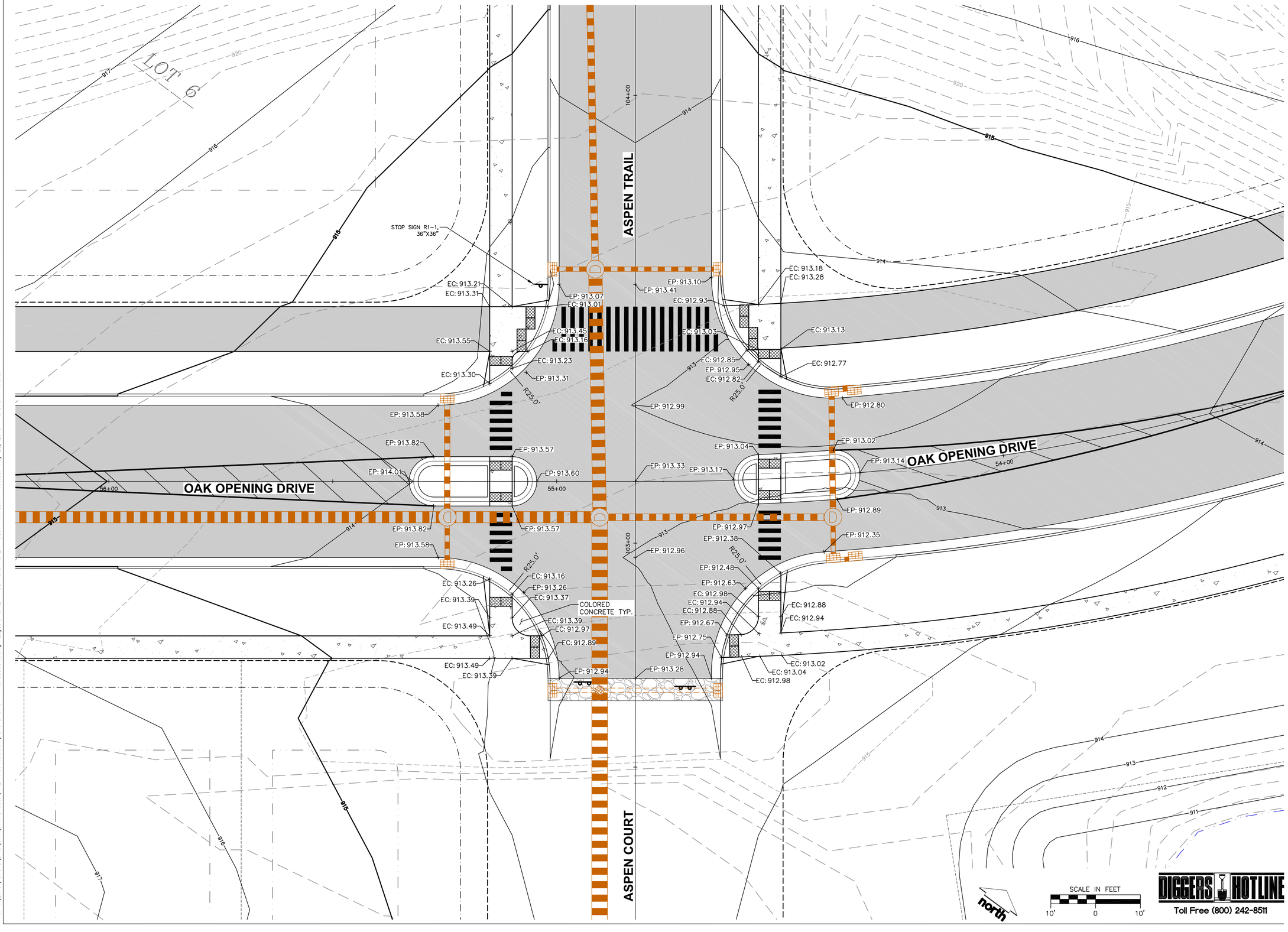
Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

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

SHEET NUMBER:
C7.1

JSD PROJECT NO: 15-7018

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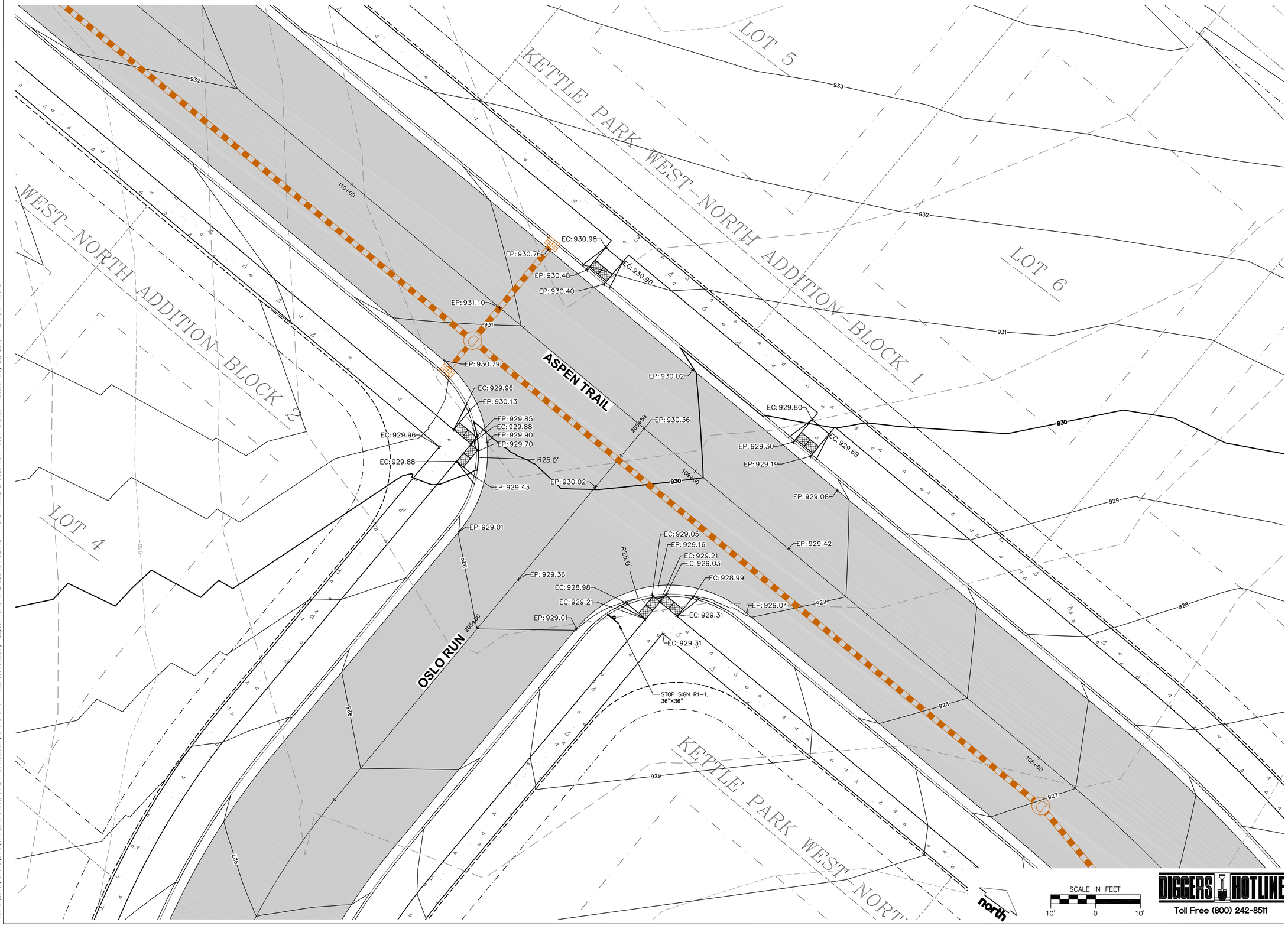
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SHEET TITLE:
INTERSECTION DETAIL - OAK OPENING DR & ASPEN TRAIL

SHEET NUMBER:
C7.2

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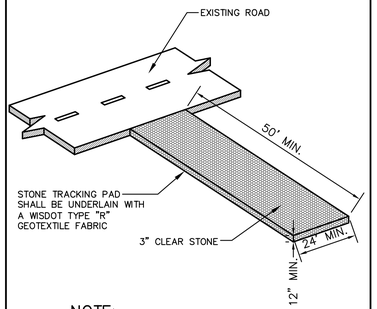
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Approved: WHD/TAT

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INTERSECTION DETAIL - ASPEN TRAIL & OSLO RUN

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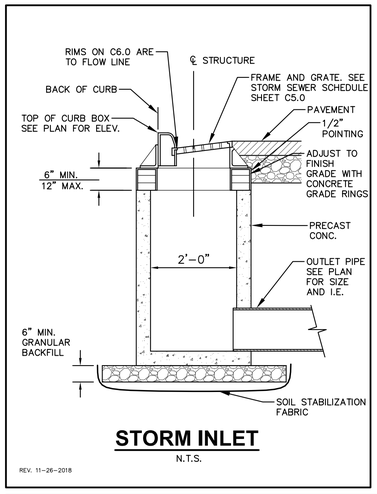


NOTE:
CONTRACTOR TO VERIFY LOCATION WITH OWNER.

CONSTRUCTION ENTRANCE

N.T.S.

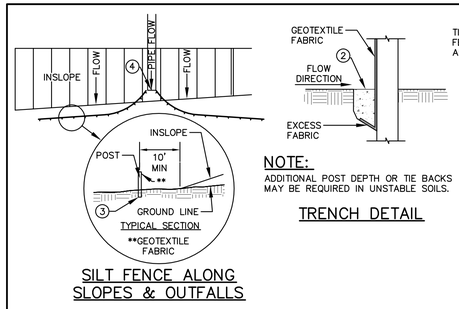
REV. 12-10-2018



STORM INLET

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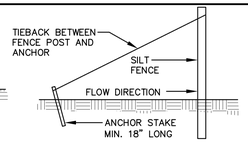
REV. 11-26-2018



SILT FENCE ALONG SLOPES & OUTFALLS

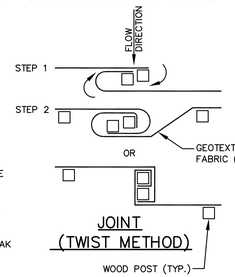
NOTE:
ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS.

TRENCH DETAIL

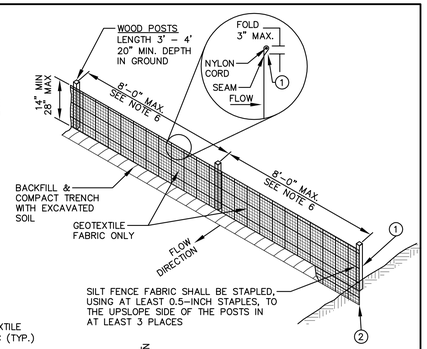


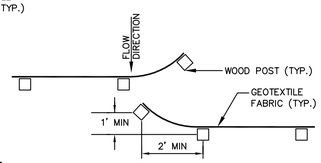
SILT FENCE TIE BACK

(WHEN ADDITIONAL SUPPORT REQUIRED)



JOINT (TWIST METHOD)





JOINT (HOOK METHOD)

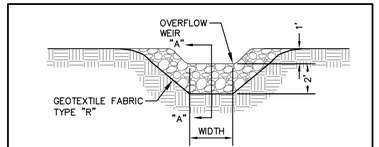
GENERAL NOTES:

1. SILT FENCE SHALL BE ANCHORED BY SPREADING AT LEAST 8-INCHES OF FABRIC IN A 4-INCH WIDE AND 6-INCH DEEP TRENCH OR 6-INCH DEEP V-TRENCH ON THE UPSLOPE SIDE OF THE FENCE. TRENCHES SHALL NOT BE EXCAVATED WIDER OR DEEPER THAN NECESSARY FOR PROPER INSTALLATION.
2. FOLD MATERIAL TO FIT TRENCH AND BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL.
3. WOOD POSTS SHALL BE A MINIMUM SIZE OF 1.125-INCHES x 1.125-INCHES OF DRIED OAK OR HICKORY.
4. SILT FENCE TO EXTEND ABOVE THE TOP OF PIPE.
5. SILT FENCE CONSTRUCTION AND GEOTEXTILE FABRIC SHALL CONFORM TO WDNR TECHNICAL STANDARD 1056.
6. POST SPACING SHALL BE SELECTED BASED ON GEOTEXTILE FABRIC (8-FEET FOR WOVEN & 3-FEET FOR NON-WOVEN)

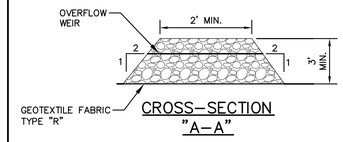
SILT FENCE

N.T.S.

REV. 7-30-2018



ELEVATION



CROSS-SECTION "A-A"

GENERAL NOTES:

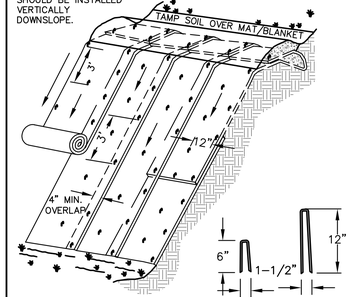
1. STONE DITCH CHECKS SHALL BE CONSTRUCTED OF A WELL-GRADED ANGULAR STONE, A D50 OF 3 INCH DIAMETER OR GREATER, SOMETIMES REFERRED TO AS BREAKER RUN OR SHOT ROCK.
2. EXTEND DITCH CHECK ACROSS CHANNEL OPENING TO MEET SWALE/DITCH SIDE SLOPES. WHERE CHANNEL IS LESS THAN 3 FEET DEEP, REDUCE WEIR HEIGHT TO 1 FOOT AND INCREASE THE TOP OF DITCH CHECK FROM 2 FEET TO 4 FEET.

PERMANENT DITCH CHECK (STONE)

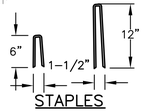
N.T.S.

REV. 7-31-2018

NOTE:
MATS/BLANKETS SHOULD BE INSTALLED VERTICALLY DOWNSLOPE.

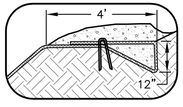


ISOMETRIC VIEW



STAPLES

TYPICAL SLOPE SOIL STABILIZATION



BERM

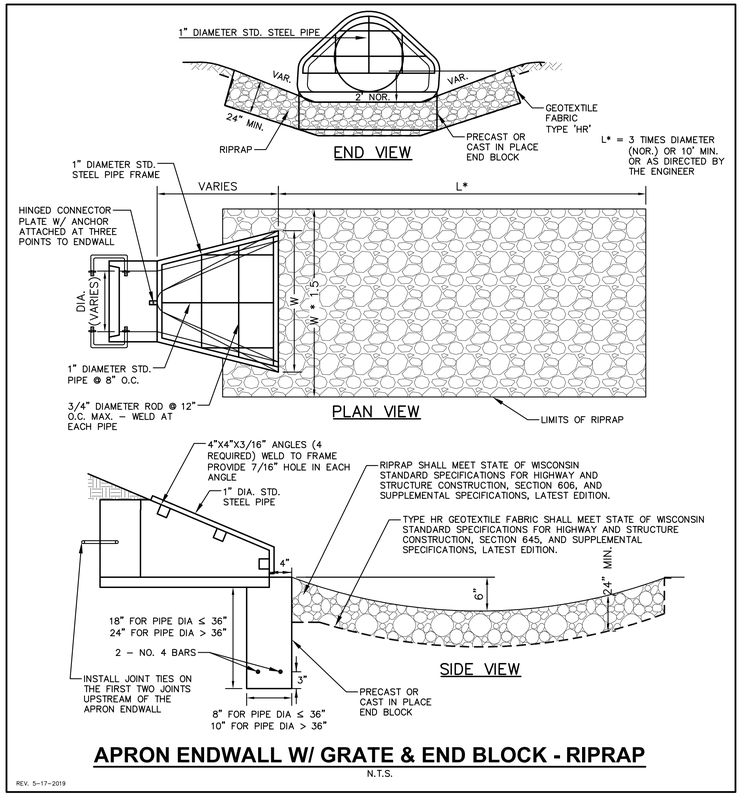
GENERAL NOTES:

1. EROSION MAT CONSTRUCTION SHALL BE IN ACCORDANCE WITH WISCONSIN DNR TECHNICAL STANDARD 1052 "NON-CHANNEL EROSION MAT".
2. ONLY WisDOT EROSION CONTROL PRODUCT ACCEPTABILITY LIST (PAL) APPROVED MATS SHALL BE ALLOWED. REFER TO EROSION CONTROL PLAN FOR EXACT MAT CLASSIFICATION.
3. APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.
4. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.
5. ONLY WisDOT EROSION CONTROL PRODUCT ACCEPTABILITY LIST (PAL) APPROVED MATS SHALL BE ALLOWED. REFER TO EROSION CONTROL PLAN FOR EXACT MAT CLASSIFICATION.

EROSION MATTING

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REV. 11-19-2018

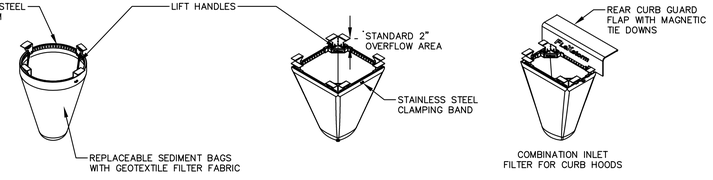


APRON ENDWALL W/ GRATE & END BLOCK - RIPRAP

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REV. 5-17-2019

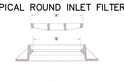
FLEXSTORM CATCH-IT FILTERS FOR TEMPORARY INLET PROTECTION
PRODUCT SELECTION AND SPECIFICATION DRAWING



1. IDENTIFY YOUR FRAME STYLE AND SIZE

STYLE	FRAME STYLE AND SIZE	Frame P/N
ROUND	Small Round (up to 20.0" dia grates (A) dim)	625RD
	Med Round (20.1" - 26.0" dia grates (A) up to 25" dia openings (B))	626MD
	Large Round (26.1" - 32.0" dia grates (A) up to 30" openings (B))	632LD
	XL Round (32.1" dia - 39" dia grates (A) up to 37" dia openings (B))	639LRD
RECT/ SQUARE	Small Rect / Square (up to 59" (B) x 59" (D) openings or 64" perimeter)	625SQ
	Med Rect / Square (up to 24" (B) x 24" (D) openings or 96" perimeter)	626MSQ
	Large Rect / Square (up to 36" (B) x 24" (D) openings or 120" perimeter)	625SQ
	XL Rect / Square (slide by code 2 pc set to fit up to 40" (B) x 30" (D) openings)	625SQ
COMBO INLETS	Small Rect / Square (mf Rect sizing; shipped with Magnetic Curb Flaps)	626CB
	Med Rect / Square (mf Rect sizing; shipped with Magnetic Curb Flaps)	626CB
	Large Rect / Square (mf Rect sizing; shipped with Magnetic Curb Flaps)	626CB
	XL Rect / Square (mf Rect sizing; shipped with Magnetic Curb Flaps)	626SCB
NYLOPLAST	12" diameter Nyloplast castings (Stainless Steel Framing standard)	621NRF
	15" diameter Nyloplast castings (Stainless Steel Framing standard)	621NRF
	18" diameter Nyloplast castings (Stainless Steel Framing standard)	621NRF
	24" diameter Nyloplast castings (Stainless Steel Framing standard)	624NRF
	30" diameter Nyloplast castings (Stainless Steel Framing standard)	624NRF

TYPICAL ROUND INLET FILTER



TYPICAL RECTANGULAR INLET FILTER





STAINLESS STEEL ROUND INLET FILTERS for NYLOPLAST CASTINGS
CATCH-ITS SPECIFIED W/ FX or FX-S BAGS

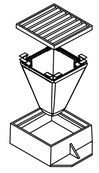
SPECIFICATIONS FOR STANDARD BAGS BY NOMINAL SIZE			
Nominal Bag Size	Solids Storage (Cuft)	Filtered Flow Rate at 50% Max (CFS): FX (Woven)	I.I. (Non-Woven)
Small	1.6	3.2	0.9
Medium	2.1	3.7	1.3
Large	3.8	3.7	1.9
XL	4.2	3.6	2.6

2. SELECT YOUR BAG PART NUMBER				
FLEXSTORM FILTER BAGS	15" dia (in) STD Bag P/N	112" dia (in) Short Bag P/N	Clean Water Flow Rate (GPM/SqFt)	Max A.O.S. (US Sieve)
FX: Standard Woven Bag	FX	FX-S	300	40
I.I.: Non-Woven Bag	I.I.	I.I.-S	145	70

3. CREATE YOUR FLEXSTORM INLET FILTER PART NUMBER	
Frame P/N from Step 1.	Filter Bag P/N from Step 2.

INSTALLATION:

1. REMOVE GRATE
2. DROP FLEXSTORM INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE
3. REPLACE GRATE



NOTES:

1. ALL FRAMING IS CONSTRUCTED OF CORROSION RESISTANT STEEL (ZINC PLATED OR GALVANIZED) FOR 7 YEAR MINIMUM SERVICE LIFE.
2. UPON ORDERING CONFIRMATION OF THE DOT CALLOUT, PRECAST OR CASTING MAKE AND MODEL, OR DETAILED DIMENSIONAL FORMS MUST BE PROVIDED TO CONFIGURE AND ASSEMBLE YOUR CUSTOMIZED FLEXSTORM INLET FILTER. PART NUMBER ALONE IS NOT SUFFICIENT.
3. FOR WRITTEN SPECIFICATIONS AND MAINTENANCE GUIDELINES VISIT WWW.INLETFILTERS.COM

FRAMED INLET PROTECTION

N.T.S.

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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:
1	03,12,19	FINAL PLAT
2	05,28,19	F-PLAT COMMENT RESPONSE
3		
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

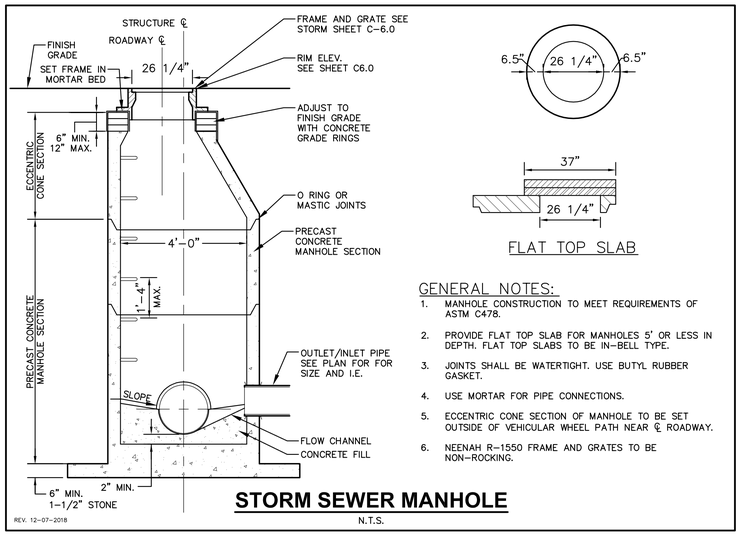
SHEET TITLE:
CONSTRUCTION DETAILS

SHEET NUMBER:
C8.0

JSD PROJECT NO: 15-7018

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File: I:\2019\157018\DWG\Civil\Civil Sheets\PH2 First Addition\157018 C8.0 - Construction Details.dwg Layout: C8.0 CONSTRUCTION DETAILS User: nfunseth Plotted: May 28, 2019 - 2:22pm Xref's:



STORM SEWER MANHOLE

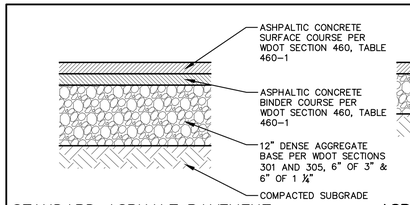
N.T.S.

REV. 12-07-2018

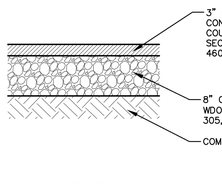
FLAT TOP SLAB

GENERAL NOTES:

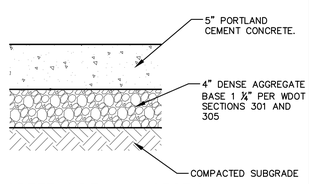
1. MANHOLE CONSTRUCTION TO MEET REQUIREMENTS OF ASTM C478.
2. PROVIDE FLAT TOP SLAB FOR MANHOLES 5' OR LESS IN DEPTH. FLAT TOP SLABS TO BE IN-BELL TYPE.
3. JOINTS SHALL BE WATERTIGHT. USE BUTYL RUBBER GASKET.
4. USE MORTAR FOR PIPE CONNECTIONS.
5. ECCENTRIC CONE SECTION OF MANHOLE TO BE SET OUTSIDE OF VEHICULAR WHEEL PATH NEAR ℄ ROADWAY.
6. NEENAH R-1550 FRAME AND GRATES TO BE NON-ROCKING.



STANDARD ASPHALT PAVEMENT SECTION



ASPHALT PATH SECTION



CONCRETE SIDEWALK SECTION

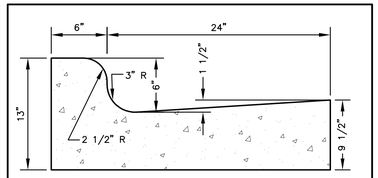
GENERAL NOTES:

1. WISDOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, INCLUDING SUPPLEMENTAL SPECIFICATIONS, COMPACTION REQUIREMENTS:
   - BITUMINOUS CONCRETE: REFER TO SECTION 460-3.
   - BASE COURSE: REFER TO SECTION 301.3.4.2, STANDARD COMPACTION.
2. COMPACTION REQUIREMENTS
   - ASPHALTIC CONCRETE: REFER TO SECTION 460-3
   - BASE COURSE: REFER TO SECTION 301.3.4.2, STANDARD COMPACTION
3. MIXTURE TYPE MT ASPHALTIC PAVEMENT IS RECOMMENDED FOR COLLECTOR STREETS; MIXTURE TYPE LT IS RECOMMENDED FOR RESIDENTIAL STREETS AND MULTI-USE PATHS; REFER TO STANDARD SECTIONS AND SECTION 460, TABLE 460-2 OF THE STANDARD SPECIFICATIONS.

PAVEMENT SECTIONS

N.T.S.

REV. 2-20-2019



TYPE 'A' CONCRETE CURB & GUTTER

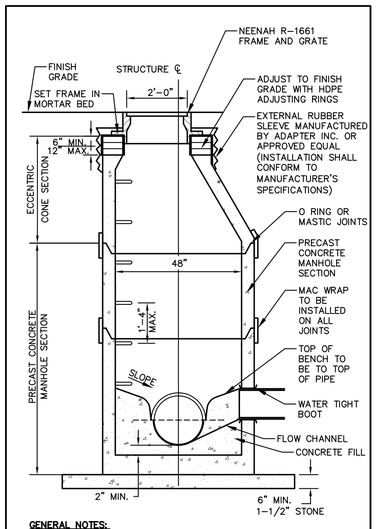
GENERAL NOTES:

1. LATERAL CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF NOT MORE THAN 15' NOR LESS THAN 6' IN LENGTH. THE JOINTS SHALL BE A MINIMUM OF 3" IN DEPTH.
2. EXPANSION JOINTS SHALL BE PLACED TRANSVERSELY AT RADIUS POINTS ON CURVES OF RADIUS 200' OR LESS, AND AT ANGLE POINTS, OR AS DIRECTED BY THE ENGINEER. THE EXPANSION JOINT SHALL BE A ONE PIECE ASPHALTIC MATERIAL HAVING THE SAME DIMENSIONS AS CURB & GUTTER AT THAT STATION AND BE 1/2" THICK.
3. IN ALL CASES, CONCRETE CURB & GUTTER SHALL BE PLACED ON THOROUGHLY COMPACTED CRUSHED STONE.

30" STANDARD CURB & GUTTER

N.T.S.

REV. 8-3-2018



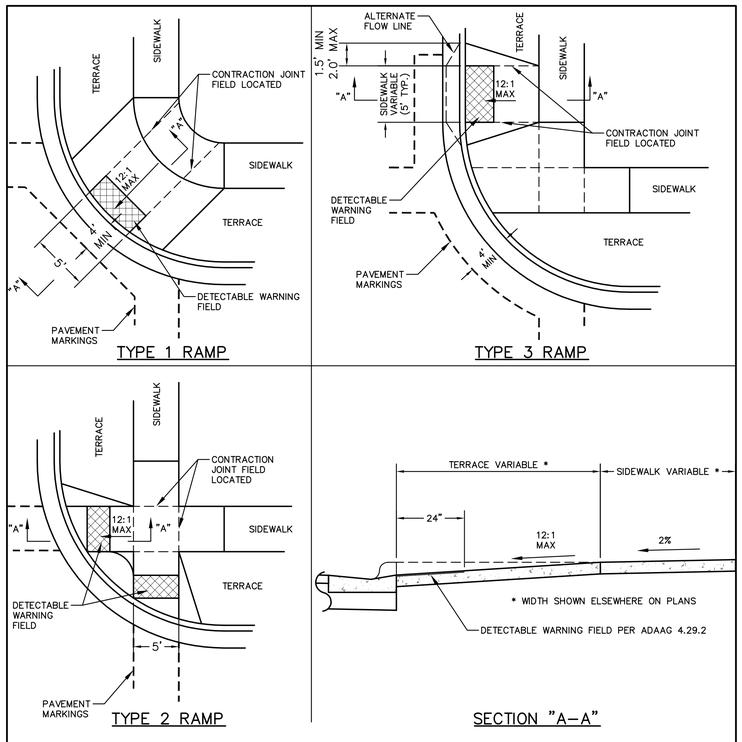
GENERAL NOTES:

1. MANHOLE CONSTRUCTION TO MEET REQUIREMENTS OF ASTM C478.
2. JOINTS SHALL BE WATERTIGHT. USE BUTYL RUBBER GASKET.
3. USE MORTAR FOR PIPE CONNECTIONS.
4. ALL MANHOLES SHALL HAVE RUBBER CHIMNEY BOOT SEALS.

SANITARY SEWER MANHOLE

N.T.S.

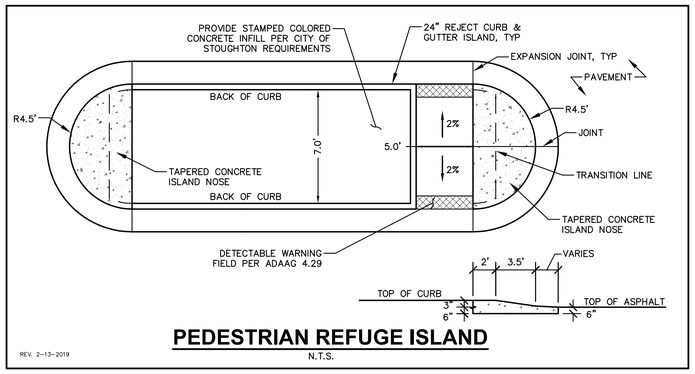
REV. 12-6-2018



ADA ACCESSIBLE RAMPS - INTERSECTION

N.T.S.

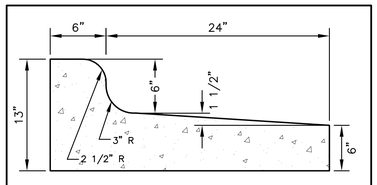
REV. 11-20-2018



PEDESTRIAN REFUGE ISLAND

N.T.S.

REV. 2-13-2019



TYPE 'A' CONCRETE REJECT CURB & GUTTER

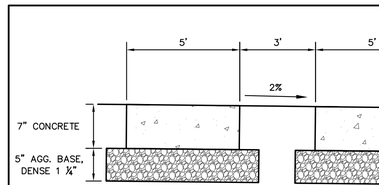
GENERAL NOTES:

1. LATERAL CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF NOT MORE THAN 15' NOR LESS THAN 6' IN LENGTH. THE JOINTS SHALL BE A MINIMUM OF 3" IN DEPTH.
2. EXPANSION JOINTS SHALL BE PLACED TRANSVERSELY AT RADIUS POINTS ON CURVES OF RADIUS 200' OR LESS, AND AT ANGLE POINTS, OR AS DIRECTED BY THE ENGINEER. THE EXPANSION JOINT SHALL BE A ONE PIECE ASPHALTIC MATERIAL HAVING THE SAME DIMENSIONS AS CURB & GUTTER AT THAT STATION AND BE 1/2" THICK.
3. IN ALL CASES, CONCRETE CURB & GUTTER SHALL BE PLACED ON THOROUGHLY COMPACTED CRUSHED STONE.

30" REJECT CURB & GUTTER

N.T.S.

REV. 8-10-2018

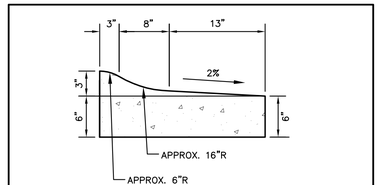


RESIDENTIAL PATH SECTION

(LOOKING NORTHEAST)

N.T.S.

REV. 5-24-2019



24" REJECT CURB & GUTTER - ISLAND

N.T.S.

REV. 12-17-2018

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VERONA, WI 53508

PRELIMINARY NOT FOR CONSTRUCTION

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KETTLE PARK WEST NORTH ADDITION

PROJECT LOCATION:
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DANE COUNTY

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Approved: WHD/TAT

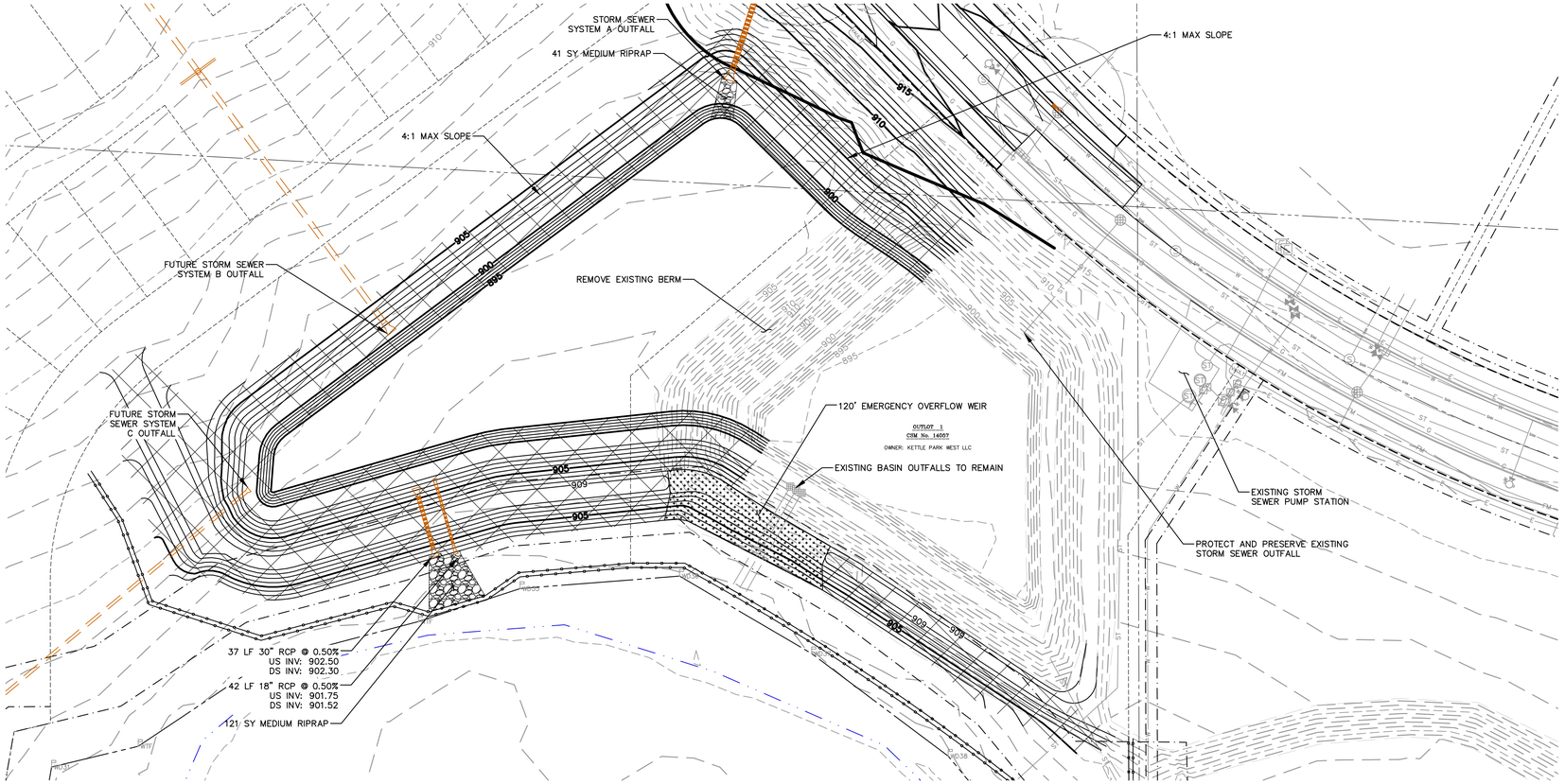
SHEET TITLE:
CONSTRUCTION DETAILS

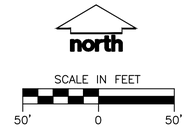
SHEET NUMBER:
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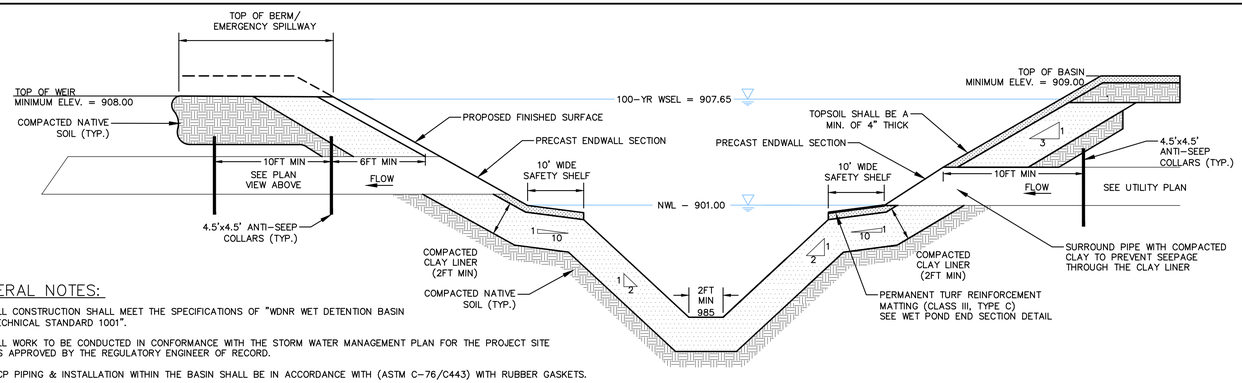
JSD PROJECT NO: 15-7018

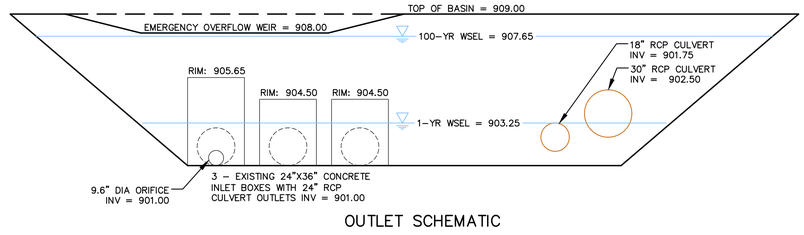
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OUTLET SCHEMATIC

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL MEET THE SPECIFICATIONS OF "WDNR WET DETENTION BASIN TECHNICAL STANDARD 1001".
2. ALL WORK TO BE CONDUCTED IN CONFORMANCE WITH THE STORM WATER MANAGEMENT PLAN FOR THE PROJECT SITE AS APPROVED BY THE REGULATORY ENGINEER OF RECORD.
3. RCP PIPING & INSTALLATION WITHIN THE BASIN SHALL BE IN ACCORDANCE WITH (ASTM C-76/C443) WITH RUBBER GASKETS.
4. OWNER OR CONTRACTOR MUST CONSULT LANDSCAPE ARCHITECT OR ECOLOGICAL PLANNING AGENCY FOR APPROPRIATE PLANTS AND PLANTING CONFIGURATIONS.
5. CLAY LINER SHALL BE A MINIMUM OF 2-FEET THICK. CLAY SHALL BE COMPACTED AT ±2.0% OPTIMAL MOISTURE CONTENT TO 90% MODIFIED PROCTOR. MEDIUM STIFF TO STIFF CLAYS PRESENT IN-PLACE AT THE POND SIDE SLOPES OR BOTTOM OR OTHER ONSITE MEDIUM STIFF TO STIFF CLAYS MAY BE USED AT THE DISCRETION OF THE GEOTECHNICAL ENGINEER OF RECORD.
6. FOR CONSTRUCTED EMBANKMENTS WHERE THE PERMANENT POOL IS PONDED 3-FEET OR MORE AGAINST THE EMBANKMENT, THERE SHALL BE A CORE TRENCH OR KEYWAY ALONG THE CENTERLINE OF THE EMBANKMENT UP TO THE PERMANENT POOL ELEVATION. THE CORE TRENCH OR KEYWAY SHALL BE A MINIMUM OF 2-FEET DEEP AND 8-FEET WIDE WITH A SIDE SLOPE OF 1:1 OR FLATTER.
7. CONTRACTOR SHALL POSITION ANTI-SEEP COLLAR SUCH THAT THE COLLARS ARE COMPLETELY CONTAINED WITHIN EMBANKMENT.
8. CONTRACTOR SHALL FIT STANDPIPE WITH REMOVABLE CONSTRUCTION ORIFICE PLATE OVER THE PERMANENT DEWATERING ORIFICE. THE CONSTRICTION ORIFICE SHALL REMAIN IN PLACE UNTIL 70% VEGETATION IS ESTABLISHED OVER THE CONTRIBUTING AREA OF THE POND.
9. IMMEDIATELY INSTALL FILTER FABRIC OVER ALL OUTLETS TO PREVENT SEDIMENT DEPOSITION IN THE PIPING. (REMOVE FOLLOWING CONTRIBUTING AREA STABILIZATION)
10. THE TRASH GRATE OVER THE PERMANENT DEWATERING ORIFICE SHALL BE ADDED FOLLOWING REMOVAL OF THE CONSTRUCTION ORIFICE.
11. THE CONTRACTOR SHALL SUBMIT A DETAILED CONSTRUCTION PLAN FOR THE CONSTRUCTION OF THE BASIN TO INCLUDE:
    1. CONSTRUCTION SEQUENCING
    2. TEMPORARY CONSTRUCTION REQUIRED FOR ALL WATER CONTROL AND DEWATERING
    3. CLAY LINER CONSTRUCTION SEQUENCING
    4. RESTORATION OF SURFACES

THIS PLAN SHALL BE APPROVED BY THE CITY PRIOR TO START OF WORK ON THE BASIN.

DETAIL ABBREVIATIONS:

HWL – HIGH WATER LEVEL
NWL – NORMAL WATER LEVEL
ELEV – ELEVATION
MIN – MINIMUM
TYP – TYPICAL
TRM – TURF REINFORCEMENT MATTING

NOTE:

THE STORMWATER MANAGEMENT FEATURES CONTAINED WITHIN THIS PLAN SET HAVE BEEN DESIGNED IN ACCORDANCE WITH APPLICABLE STANDARDS SET FORTH IN WISCONSIN DNR NR151 AND LOCAL ORDINANCES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE PROPER CONSTRUCTION PRACTICES HAVE BEEN UTILIZED AND THAT STORMWATER MANAGEMENT FEATURES HAVE BEEN CONSTRUCTED IN ACCORDANCE WITH APPROVED DESIGN PLANS. JSD PROFESSIONAL SERVICES, INC. (JSD) SHALL NOT BE LIABLE FOR ANY CONSTRUCTION PRACTICES OR INSTALLATION WHICH DEVIATES FROM THE APPROVED PLAN SET. ONCE THE OWNER HAS PROVIDED FINAL APPROVAL TO THE WORK PERFORMED BY THE CONTRACTOR AND ENSURED COMPLIANCE WITH THE PLAN, IT IS THE OWNER'S RESPONSIBILITY TO MAINTAIN STORMWATER MANAGEMENT FEATURES IN ACCORDANCE WITH THE RECORDED MAINTENANCE AGREEMENT. PROPER OPERATION IS DEPENDENT ON A MULTITUDE OF VARIABLES INCLUDING WEATHER. THESE COMPONENTS REQUIRE ONGOING MAINTENANCE FOR WHICH THE OWNER IS RESPONSIBLE. JSD TAKES NO RESPONSIBILITY FOR PROPER OPERATION OF THE WATER QUALITY COMPONENTS.

WET POND CROSS SECTION

N.T.S.

REV. 2019-05-28

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CLIENT:
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KETTLE PARK WEST NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

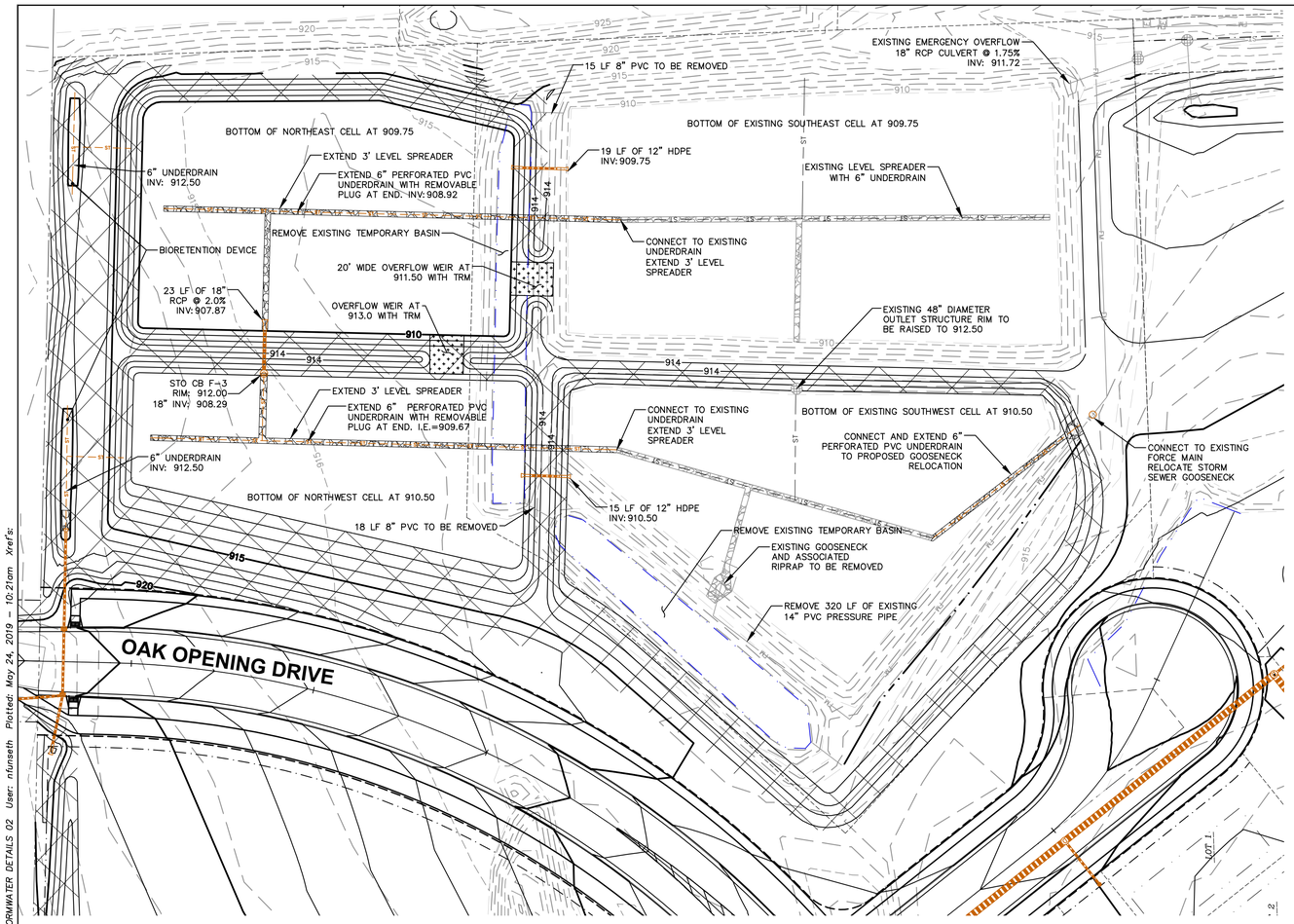
SHEET TITLE:
STORMWATER MANAGEMENT DETAILS

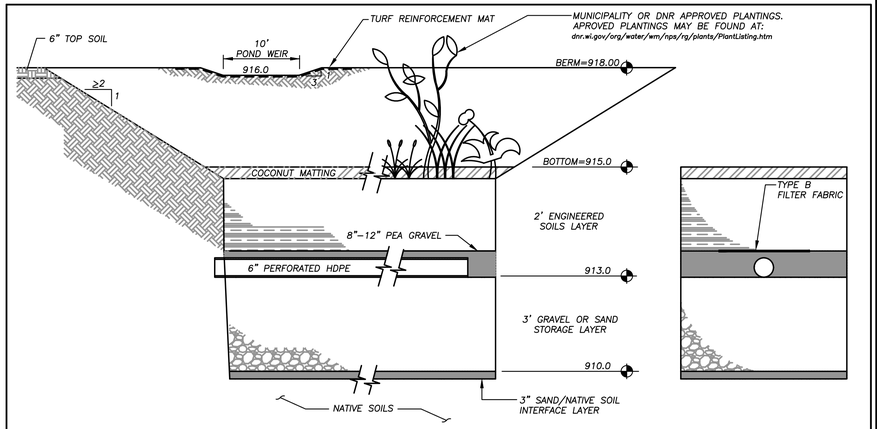
SHEET NUMBER:
C9.0

JSD PROJECT NO: 15-7018

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GENERAL NOTES:

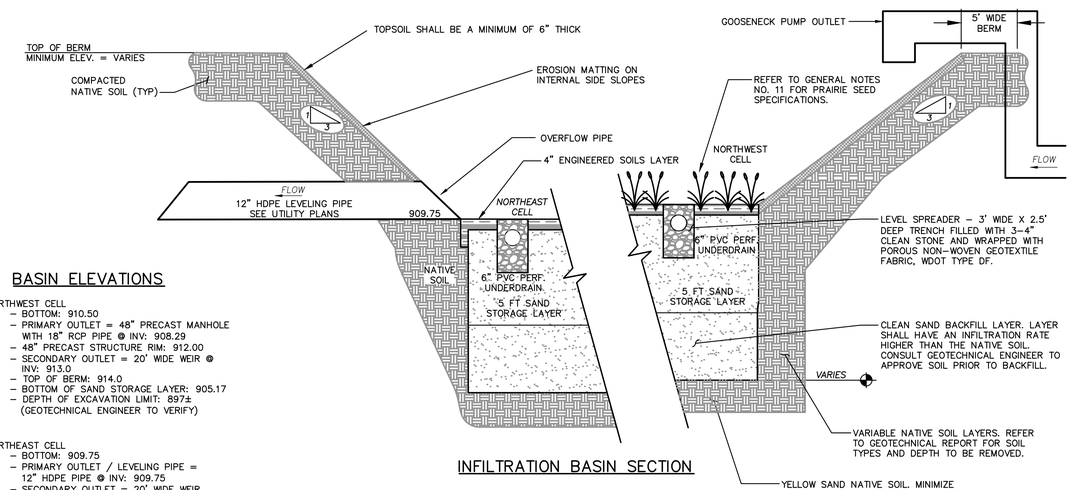
1. ALL CONSTRUCTION PRACTICES SHALL MEET THE SPECIFICATIONS OF THE WDNR TECHNICAL STANDARD 1004 – BIORETENTION FOR INFILTRATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF THIS STANDARD AND CONSTRUCT THE BIORETENTION DEVICE IN ACCORDANCE WITH THE REQUIREMENTS OUTLINED THEREIN.
2. CONTRACTOR SHALL INSTALL 36" OF ENGINEERED SOIL CONSISTING OF: 40% ASTM C33 SAND, 30% CERTIFIED COMPOST (SEE GENERAL NOTE 3), AND 30% TOPSOIL.
3. CERTIFIED COMPOST SHALL CONSIST OF: >40% ORGANIC MATTER, <60% ASH CONTENT, pH OF 6–8, AND MOISTURE CONTENT OF 35–50% BY WEIGHT.
4. SAND/NATIVE SOIL INFILTRATION LAYER SHALL BE FORMED BY A LAYER OF SAND 3 INCHES DEEP, WHICH IS VERTICALLY MIXED WITH THE NATIVE SOIL TO A DEPTH OF 2–4 INCHES.
5. FILTER FABRIC SHALL BE PLACED ABOVE THE PERFORATED PIPE, BETWEEN THE PEA GRAVEL AND THE ENGINEERED SOIL, A WIDTH OF 4 FEET CENTERED OVER THE FLOW LINE OF THE PIPE.
6. ANNUAL RYE GRASS SHALL BE SEEDED AT 40 LB/ACRE WITH THE SEED MIX IN THE AREAS SURROUNDING THE BASIN, ON SIDE SLOPES, AND OVER ANY LAND THAT DISCHARGES INTO THE BASIN FOR EROSION CONTROL WHEN BASIN IS BROUGHT ON–LINE. ROOTSTOP AND PLUGS ARE REQUIRED TO ESTABLISH VEGETATION AT THE INVERT OF THE BASIN.
7. RUNOFF MUST INFILTRATE WITHIN 48–HOURS. BASINS UNABLE TO MAINTAIN THESE RATES MUST BE DEEP TILLED, REGRADED, AND IF NECESSARY REPLANTED TO RESTORE ORIGINAL INFILTRATION RATES.
8. 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.
9. OWNER OR CONTRACTOR MUST CONSULT LANDSCAPE ARCHITECT OR ECOLOGICAL PLANTING AGENCY FOR APPROPRIATE PLANTS AND PLANTING CONFIGURATIONS.

INFILTRATION DEVICES ARE DESIGNED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR), COUNTY, MUNICIPALITY, AND ENGINEERING STANDARD OF CARE. ALL DESIGNATED INFILTRATION AREAS (e.g. RAIN GARDENS, INFILTRATION BASINS, BIORETENTION DEVICES) SHALL BE FENCED PRIOR TO CONSTRUCTION AND REMAIN UNDISTURBED AND PROTECTED DURING THE CONSTRUCTION OF PROPOSED SITE IMPROVEMENTS. PROPOSED BIORETENTION DEVICES SHALL NOT BE CONSTRUCTED UNTIL THE DEVICE'S CONTRIBUTING WATERSHED AREA MEETS ESTABLISHED VEGETATION REQUIREMENTS SET FORTH WITHIN THE RESPECTIVE WDNR TECHNICAL STANDARDS. IF THE LOCATION OF THE INFILTRATION AREA CONFLICTS WITH CONSTRUCTION STAGING AND/OR CONSTRUCTION TRAFFIC AND IS DISTURBED, COMPACTION MITIGATION WILL BE REQUIRED AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR IS REQUIRED TO PROVIDE QUALIFIED STAFF FOR INSPECTION AND OBSERVATION OF THE CONSTRUCTION ACTIVITIES RELATING TO ALL JOB SITE REGULATORY COMPLIANCE INCLUDING THE PROTECTION AND CONSTRUCTION OF ALL STORMWATER MANAGEMENT FEATURES. ANY OBSERVATION OF PLAN OR SITE DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER OF RECORD PRIOR TO CONSTRUCTION.

BIORETENTION DEVICE

N.T.S.



BASIN ELEVATIONS

NORTHWEST CELL
- BOTTOM: 910.50
- PRIMARY OUTLET = 48" PRECAST MANHOLE WITH 18" RCP PIPE @ INV: 908.29
- 48" PRECAST STRUCTURE RIM: 912.00
- SECONDARY OUTLET = 20' WIDE WEIR @ INV: 913.0
- TOP OF BERM: 914.0
- BOTTOM OF SAND STORAGE LAYER: 905.17
- DEPTH OF EXCAVATION LIMIT: 897± (GEOTECHNICAL ENGINEER TO VERIFY)

NORTHEAST CELL
- BOTTOM: 909.75
- PRIMARY OUTLET / LEVELING PIPE = 12" HDPE PIPE @ INV: 909.75
- SECONDARY OUTLET = 20' WIDE WEIR @ INV: 911.5
- TOP OF BERM = 914.0
- BOTTOM OF SAND STORAGE LAYER: 904.42
- DEPTH TO EXCAVATION LIMIT = 899± (GEOTECHNICAL ENGINEER TO VERIFY)

INFILTRATION BASIN SECTION

GENERAL NOTES:

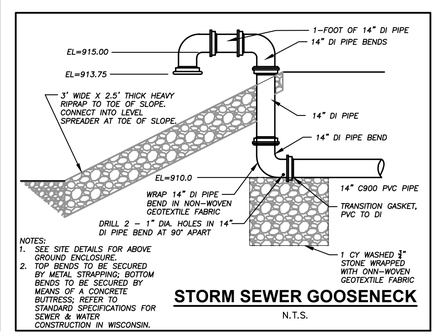
1. INFILTRATION BASIN SHALL BE CONSTRUCTED TO MEET THE SPECIFICATIONS OF WDNR TECHNICAL STANDARD 1003 – INFILTRATION BASIN. IT IS THE CONTRACTORS RESPONSIBILITY TO OBTAIN A COPY OF THIS STANDARD AND TO CONSTRUCT THE DEVICE IN ACCORDANCE WITH THE REQUIREMENTS OUTLINED THEREIN.
2. CONTRACTOR SHALL INSTALL 4" OF ENGINEERED SOIL CONSISTING OF: 70% ASTM C33 SAND AND 30% CERTIFIED COMPOST.
3. CERTIFIED COMPOST SHALL CONSIST OF: >40% ORGANIC MATTER, <60% ASH CONTENT, pH OF 6–8, AND MOISTURE CONTENT OF 35–50% BY WEIGHT.
4. RUNOFF MUST INFILTRATE WITHIN 5 HOURS. BASINS UNABLE TO MAINTAIN THESE RATES MUST BE DEEP TILLED, REGRADED, AND REPLANTED TO RESTORE ORIGINAL INFILTRATION RATES.
5. 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.
6. 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.
7. IMMEDIATELY INSTALL FILTER FABRIC OVER ALL OUTLETS DURING CONSTRUCTION TO PREVENT SEDIMENT DEPOSITION IN THE PIPING. (REMOVE FOLLOWING STABILIZATION OF THE CONTRIBUTING AREA)
8. THE INFILTRATION BASIN SHALL BE GRADED TO SUBGRADE (**COORDINATE FINAL DEPTH NEEDED WITH GEOTECHNICAL ENGINEER**) BY THE CONTRACTOR. COORDINATE WITH CONTRACTOR TO BEGIN REMAINING INSTALLATION WORK, INCLUDING CHISEL PLOWING THE NATIVE SOIL, TO MINIMIZE SILTATION AT THE BOTTOM OF THE BASIN.
9. PRIORITY SHOULD BE GIVEN TO INFILTRATION BASIN INSTALLATION OVER ALL OTHER CONSTRUCTION SO THAT ESTABLISHMENT OF THE NATIVE PLANTS CAN TAKE PLACE.
10. 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.
11. 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.

INFILTRATION BASIN DETAIL

N.T.S.

INFILTRATION BASIN RESPONSIBLITIES:

1. CLEAR, GRUB AND EXCAVATE THE INFILTRATION BASIN AS SHOWN IN THE DRAWINGS.
2. PROVIDE AND PLACE SAND BACKFILL TO ELEVATION SHOWN IN THE DRAWINGS.
3. CONSTRUCT INFILTRATION BERMS AS SHOWN IN THE DRAWINGS.
4. PROVIDE A STOCKPILE OF TOPSOIL SUFFICIENT FOR FINAL GRADING AND RESTORATION WITH IN 800 FEET OF THE BASINS.
5. COMPLETE CONSTRUCTION OF THE INFILTRATION BASIN TO INCLUDE PROVIDING AND INSTALLING ENGINEERED SOIL LAYERS, INTERIOR PIPING, LEVEL SPREADERS, RIP RAP, EROSION CONTROL MATTING, UNDERDRAINS, AND OTHER APPURTENCES SHOWN IN THE DRAWINGS TO PROVIDE COMPLETE FACILITIES AS SHOWN IN THE DRAWINGS.
6. PERFORM FINAL GRADING TO INCLUDE SPREADING OF TOPSOIL ON BERMS, BASIN SLOPES AND DISTURBED AREAS ON THE PERIMETER OF THE BASINS.
7. SEED AND PROVIDE PLANTINGS IN ACCORDANCE WITH THE DRAWINGS AND WDNR TECHNICAL STANDARD 1003.



NOTES:
1. SEE SITE DETAILS FOR ABOVE GROUND ENCLOSURE.
2. TOP BENDS TO BE SECURED BY METAL STRAPPING; BOTTOM BENDS TO BE SECURED BY MEANS OF A CONCRETE BUTTRESS; REFER TO STANDARD SPECIFICATIONS FOR SEWER & WATER CONSTRUCTION IN WISCONSIN.

STORM SEWER GOOSENECK

N.T.S.

North

SCALE IN FEET
40' 0 40'

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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:
1	03.12.19	FINAL PLAT
2	05.28.19	F-PLAT COMMENT RESPONSE
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

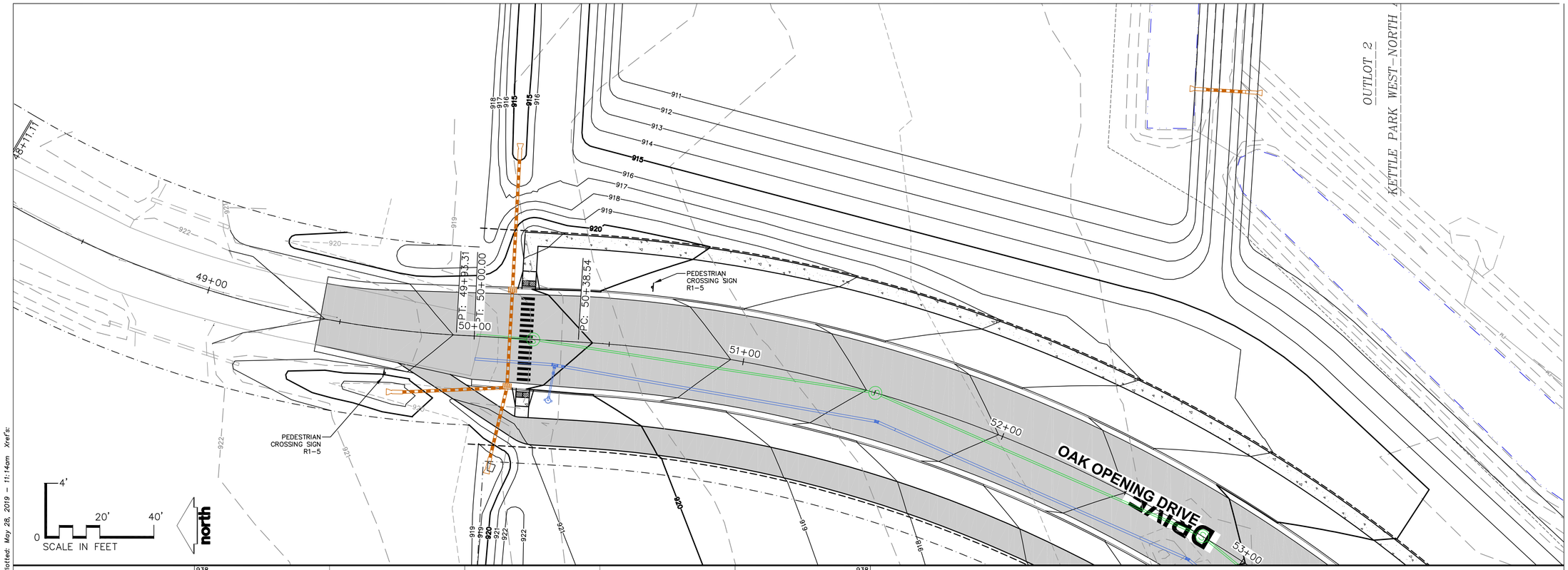
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STORMWATER MANAGEMENT DETAILS

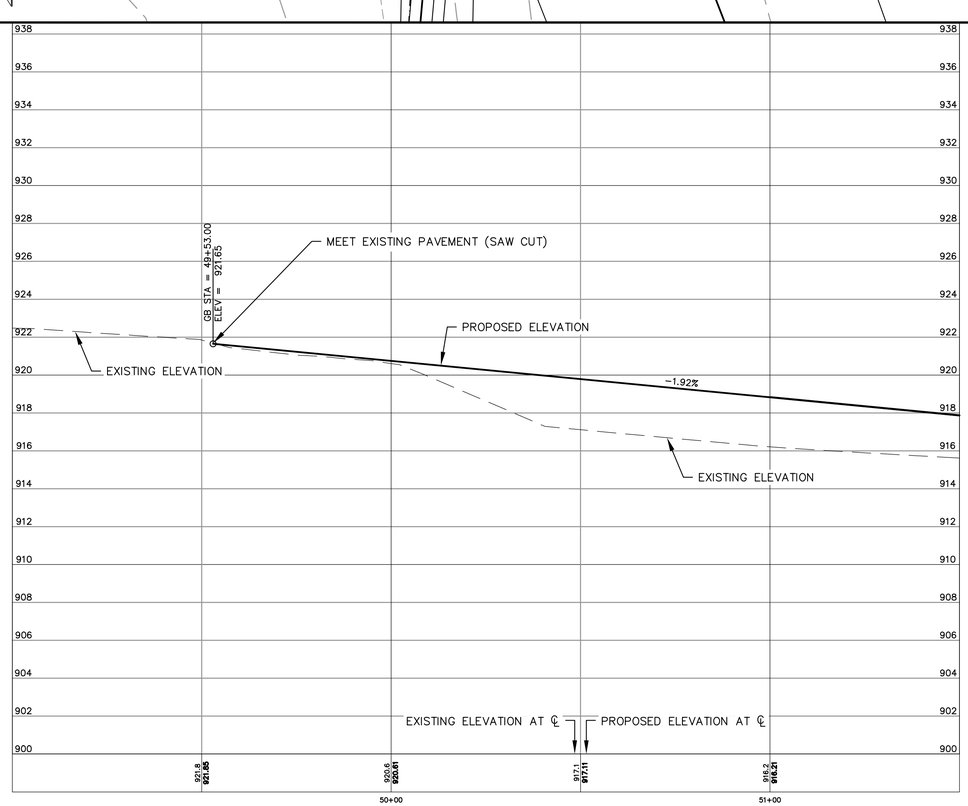
SHEET NUMBER:
C9.1

JSD PROJECT NO: 15-7018

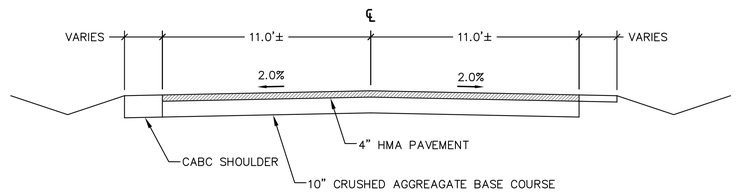
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File: I:\2019\157018\DWG\Civil\Civil Sheets\PH2 First Addition\157018 C9.0 – Stormwater Management Details.dwg Layout: STORMWATER DETAILS 02 User: nfunseth Plotted: May 24, 2019 – 10:21am Xref's:



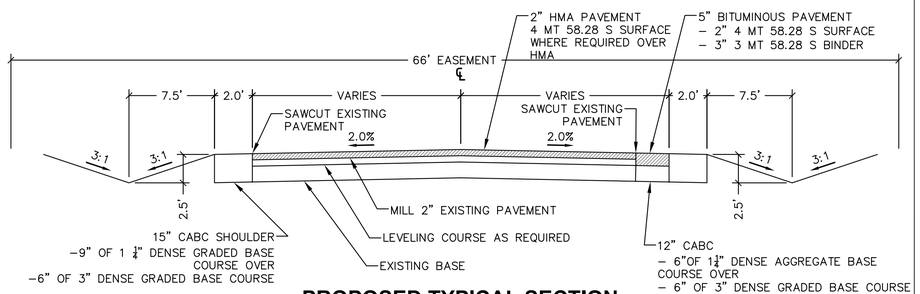


NOTES:
1. STA 49+53± TO STA 50+00± EXISTING PAVEMENT AND BASE TO REMAIN. MILL 2" AND RESURFACE.
2. WHERE REQUIRED CONSTRUCT FULL SECTION OF HMA PAVEMENT AND BASE.



EXISTING TYPICAL SECTION (ASSUMED)

(NOT TO SCALE)



PROPOSED TYPICAL SECTION

(NOT TO SCALE)

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

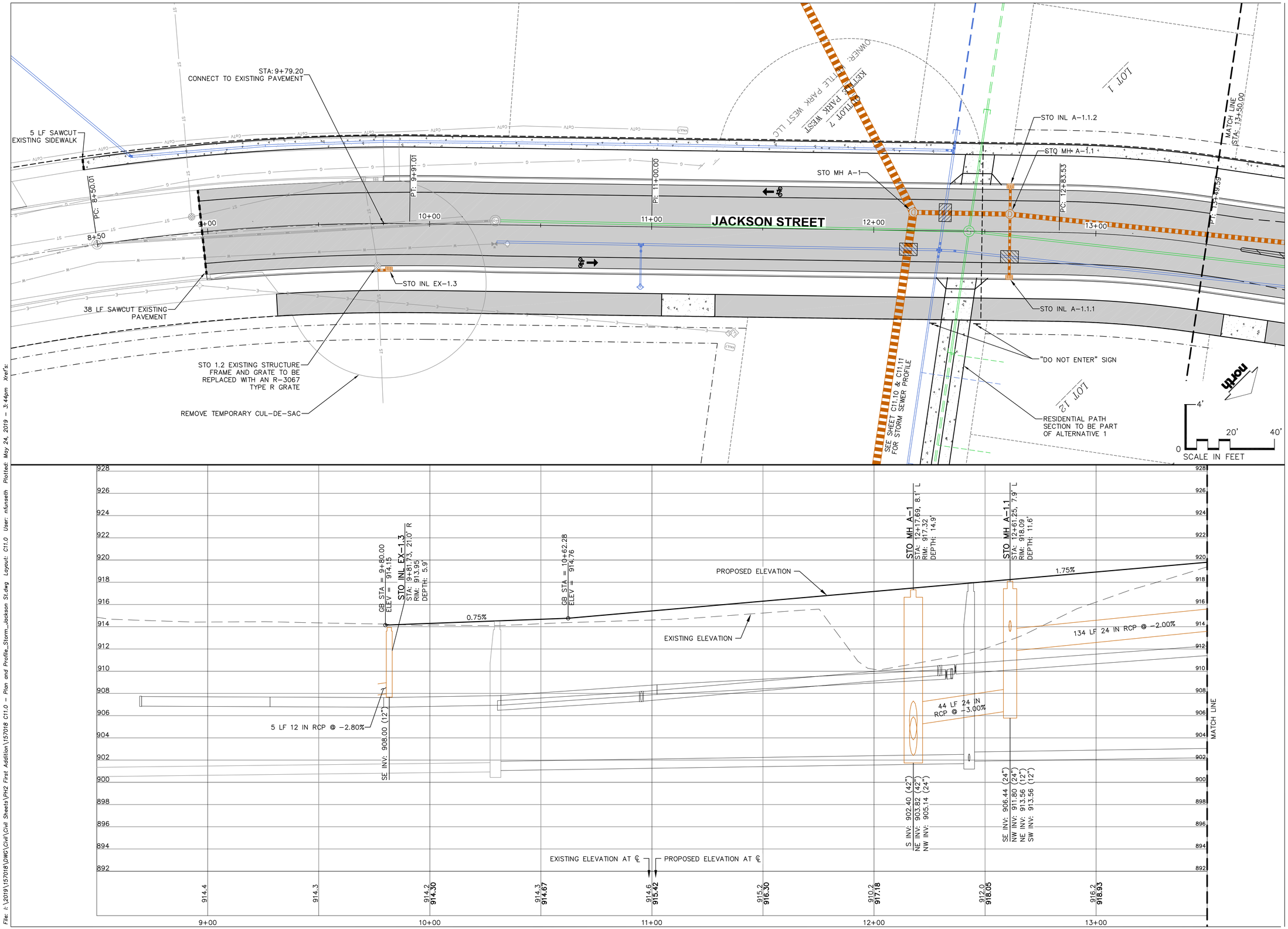
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OAK OPENING TEMPORARY CONNECTION

SHEET NUMBER:
C10.0

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: C11.0 User: nfunseth Plotted: May 24, 2019 - 3:44pm Xref's:

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PRELIMINARY NOT FOR CONSTRUCTION

PROJECT:
KETTLE PARK WEST NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

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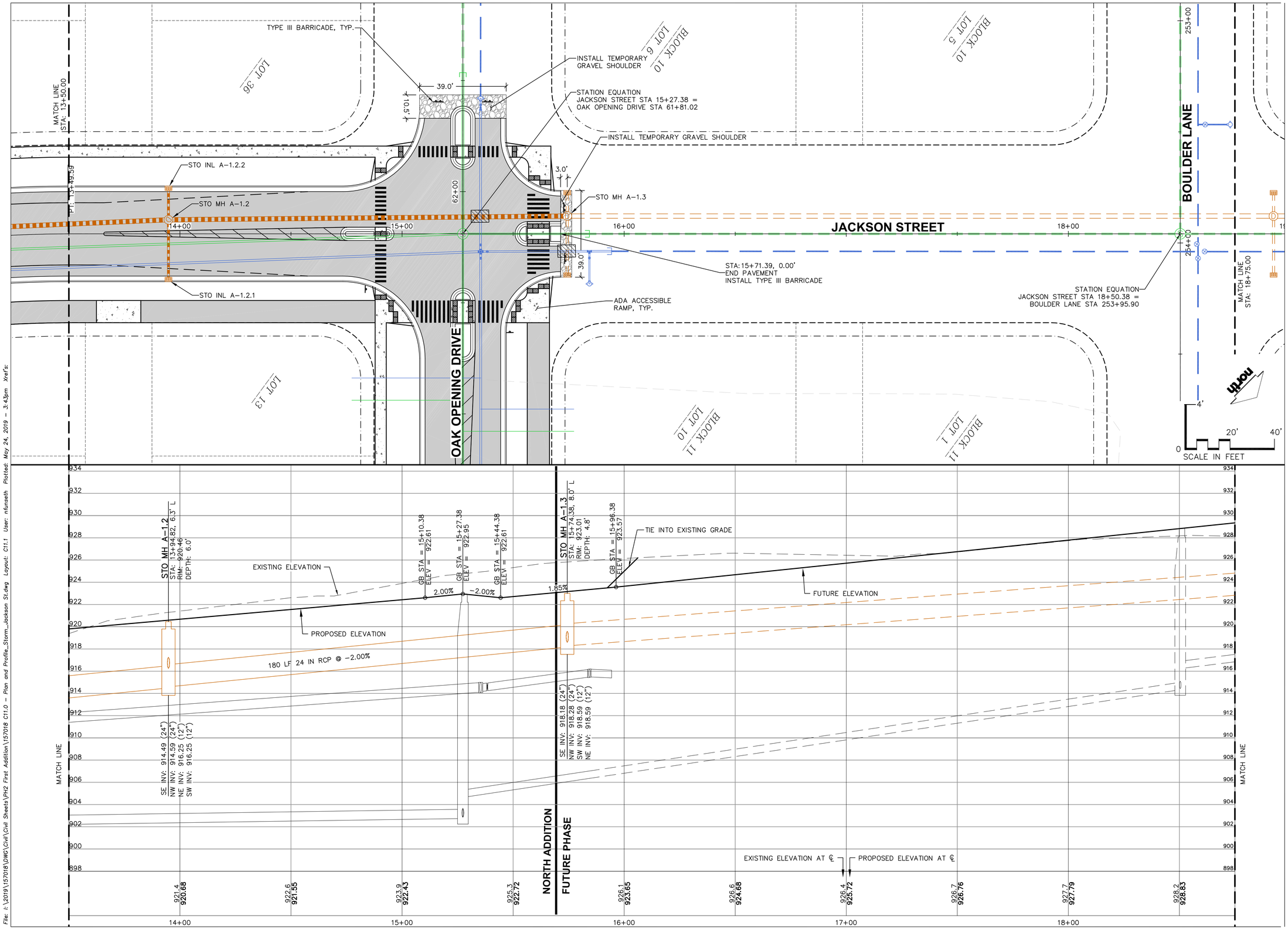
Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

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

SHEET NUMBER:
C11.0

JSD PROJECT NO: 15-7018

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PRELIMINARY NOT FOR CONSTRUCTION

PROJECT:
KETTLE PARK WEST NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

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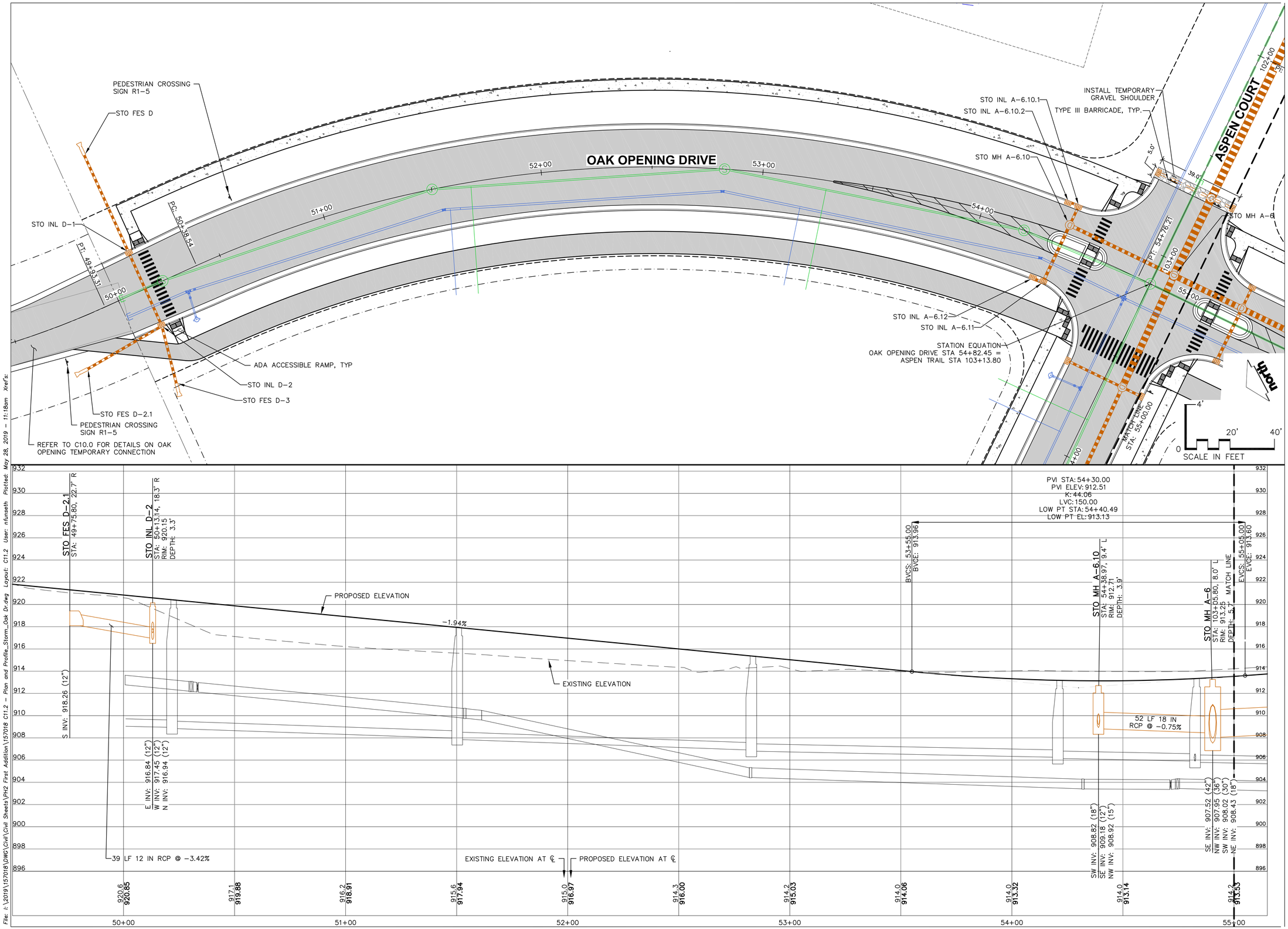
Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

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

SHEET NUMBER:
C11.1

JSD PROJECT NO: 15-7018

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PROJECT:
KETTLE PARK WEST NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

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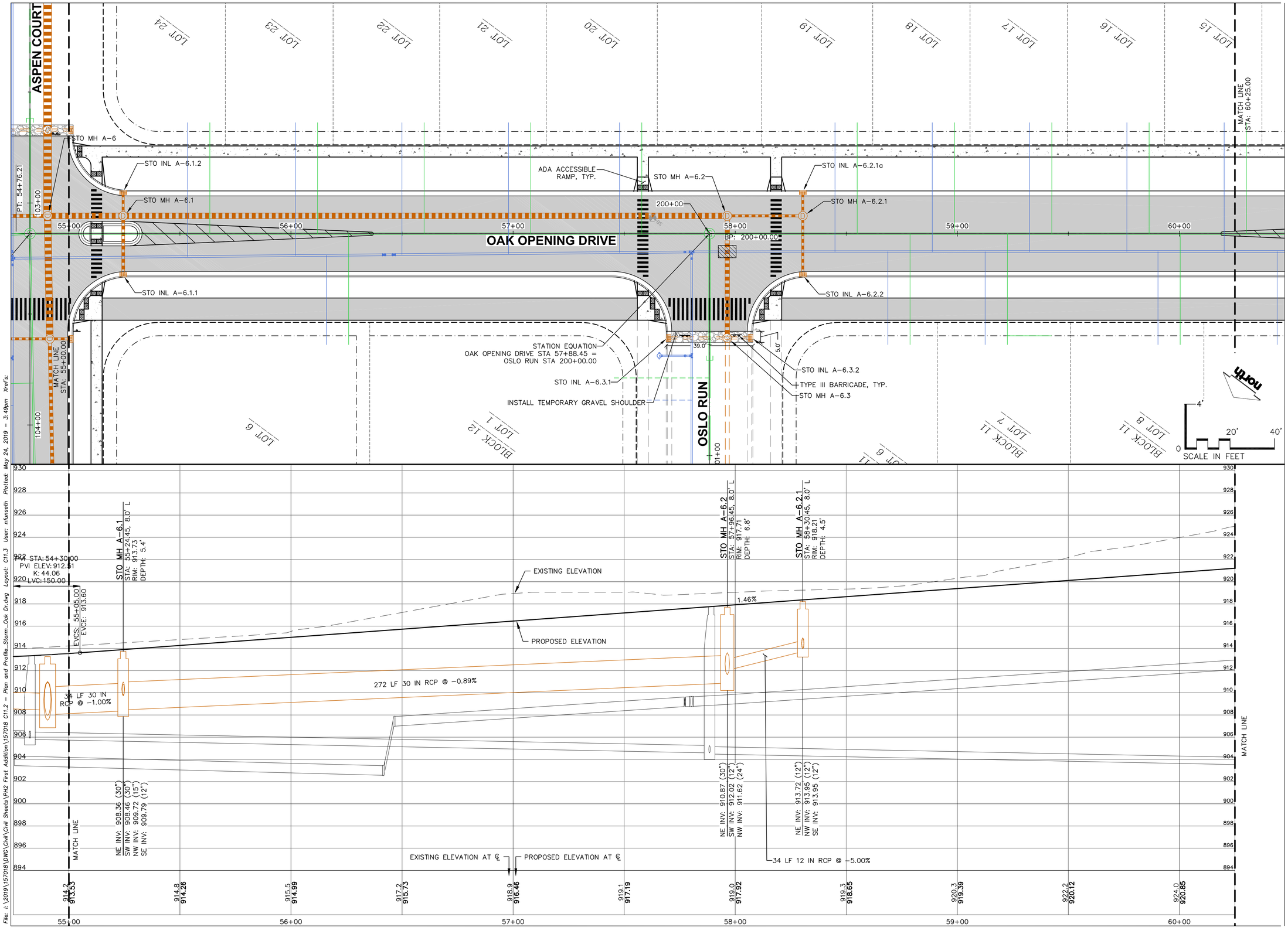
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Approved: WHD/TAT

SHEET TITLE:
PAVING & STORM PLAN & PROFILE OAK OPENING DRIVE- STA 49+50 TO 55+00

SHEET NUMBER:
C11.2

JSD PROJECT NO: 15-7018

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PROJECT:
KETTLE PARK WEST NORTH ADDITION

PROJECT LOCATION:
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DANE COUNTY

PLAN MODIFICATIONS:

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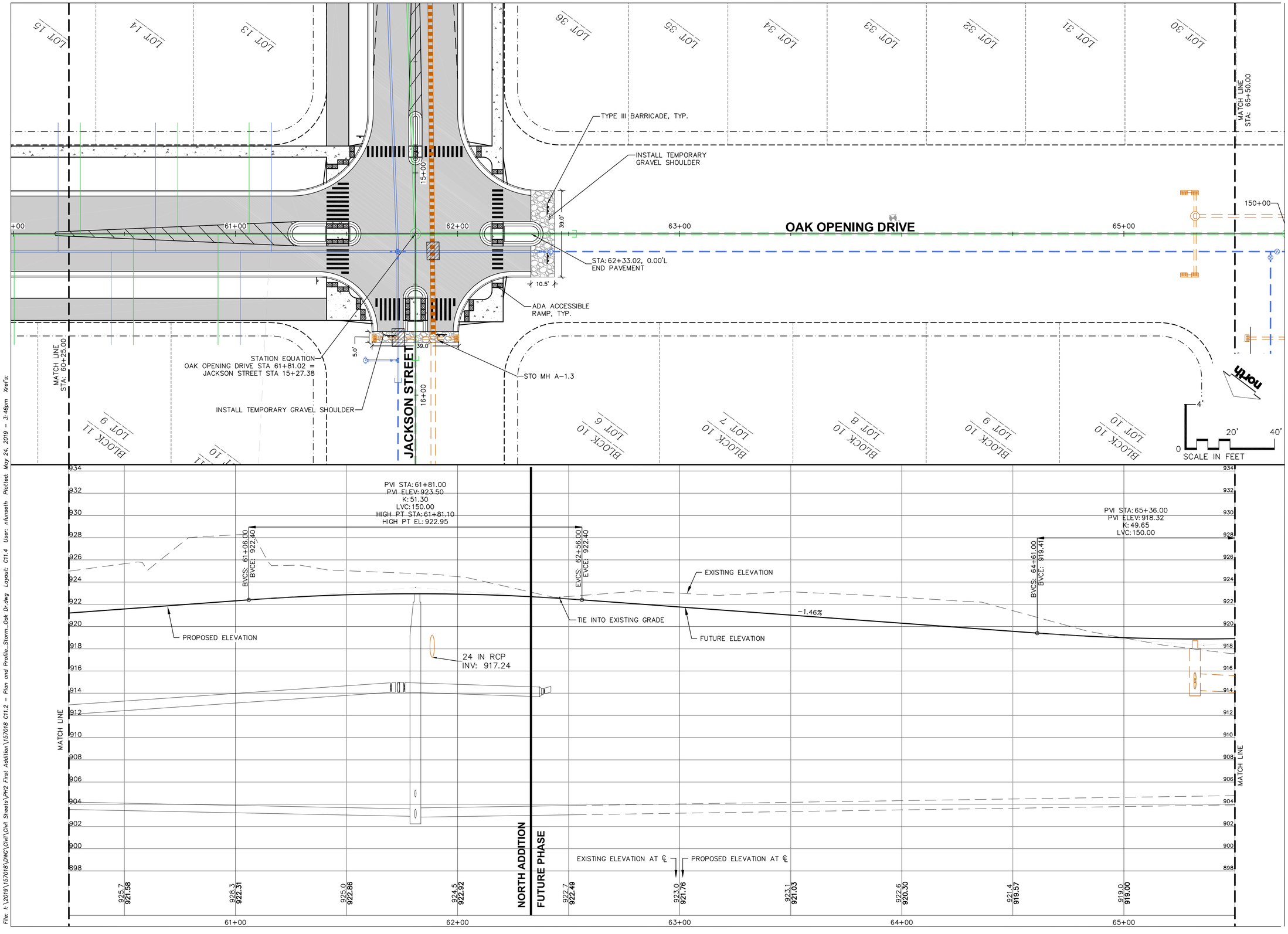
Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

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

SHEET NUMBER:
C11.3

JSD PROJECT NO: 15-7018

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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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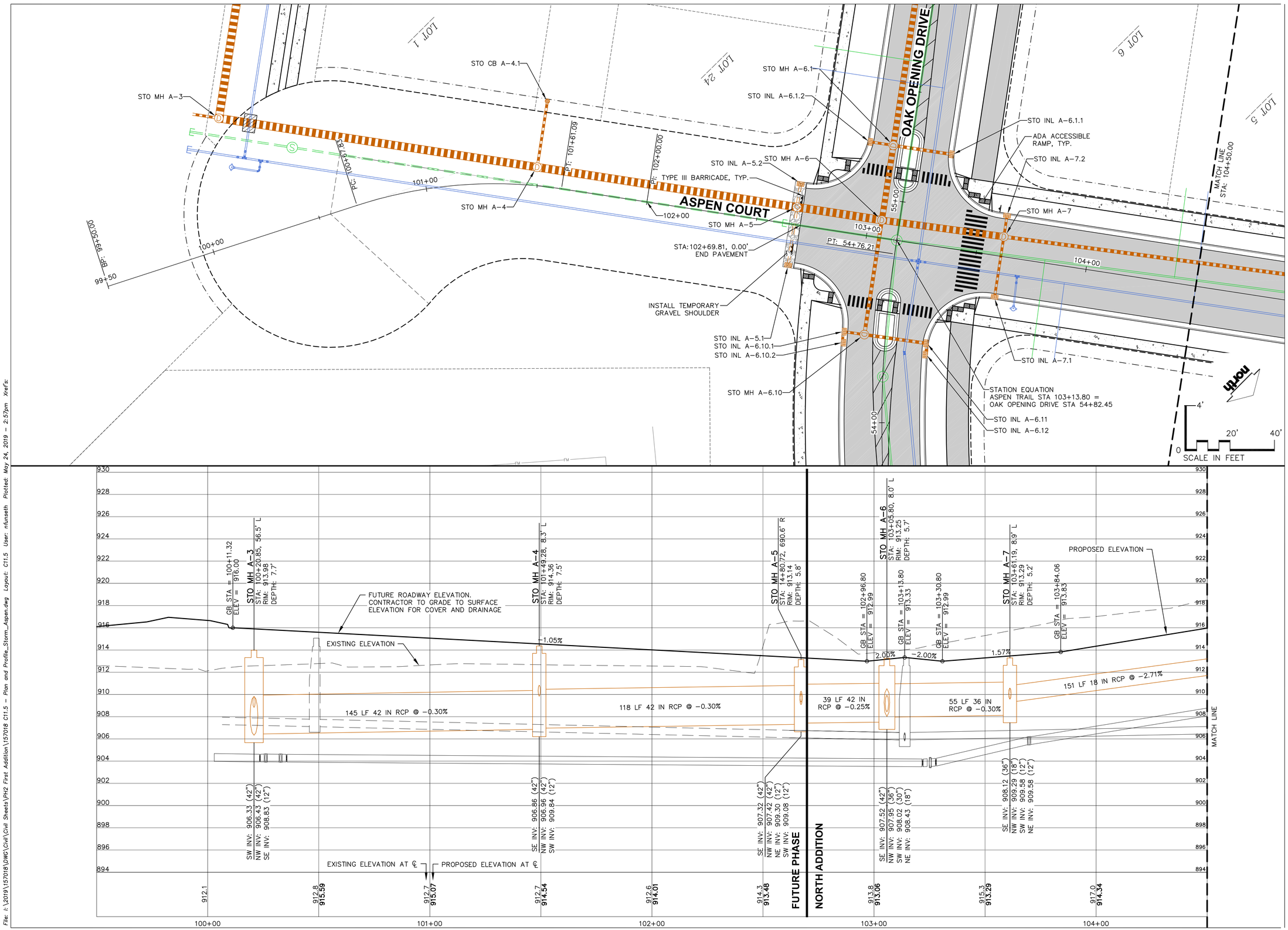
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Approved: WHD/TAT

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

SHEET NUMBER:
C11.4

JSD PROJECT NO: 15-7018

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KETTLE PARK WEST NORTH ADDITION

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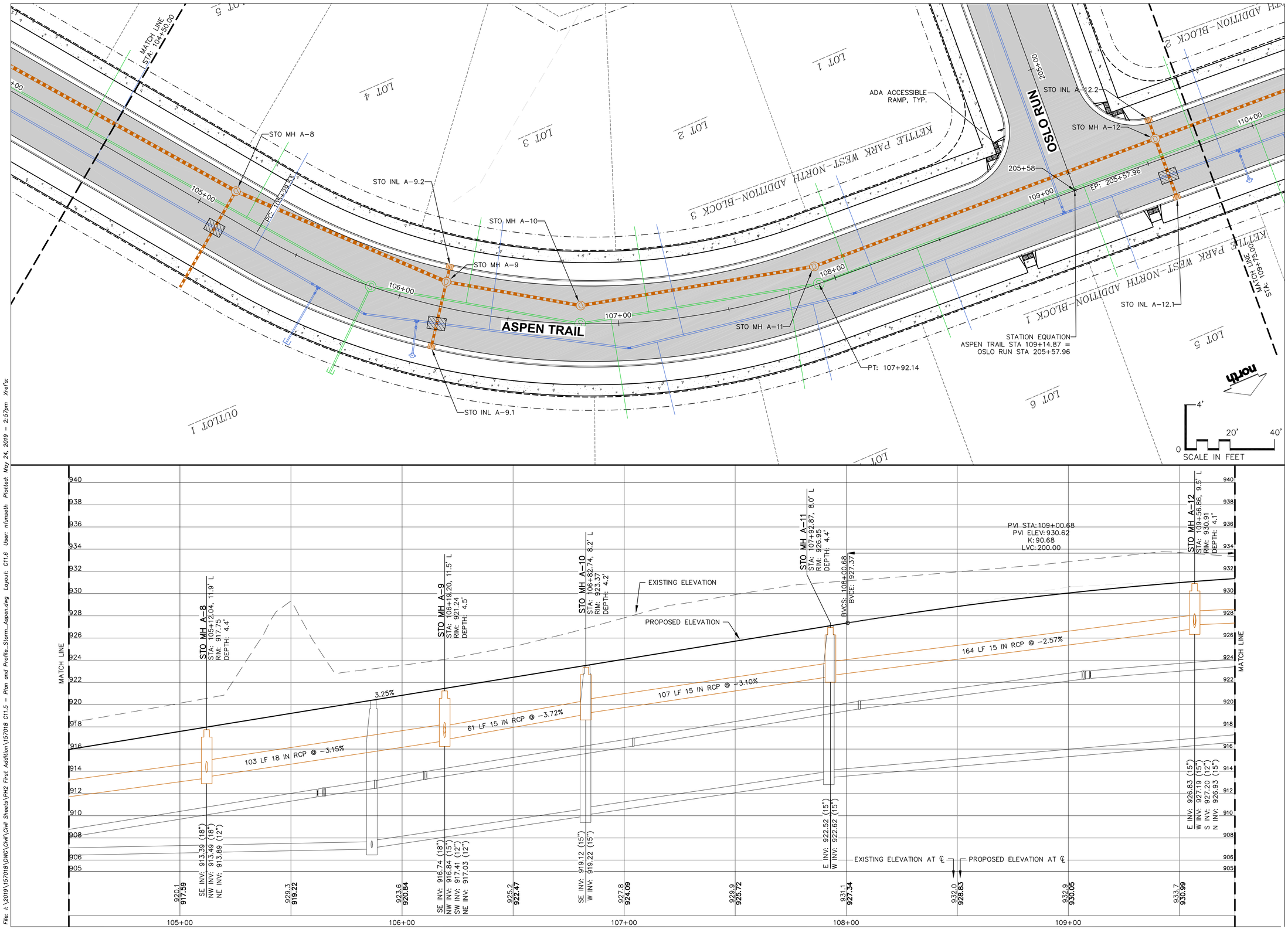
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Approved: WHD/TAT

SHEET TITLE:
PAVING & STORM PLAN & PROFILE ASPEN COURT & ASPEN TRAIL- STA 99+50 TO 104+50

SHEET NUMBER:
C11.5

JSD PROJECT NO: 15-7018

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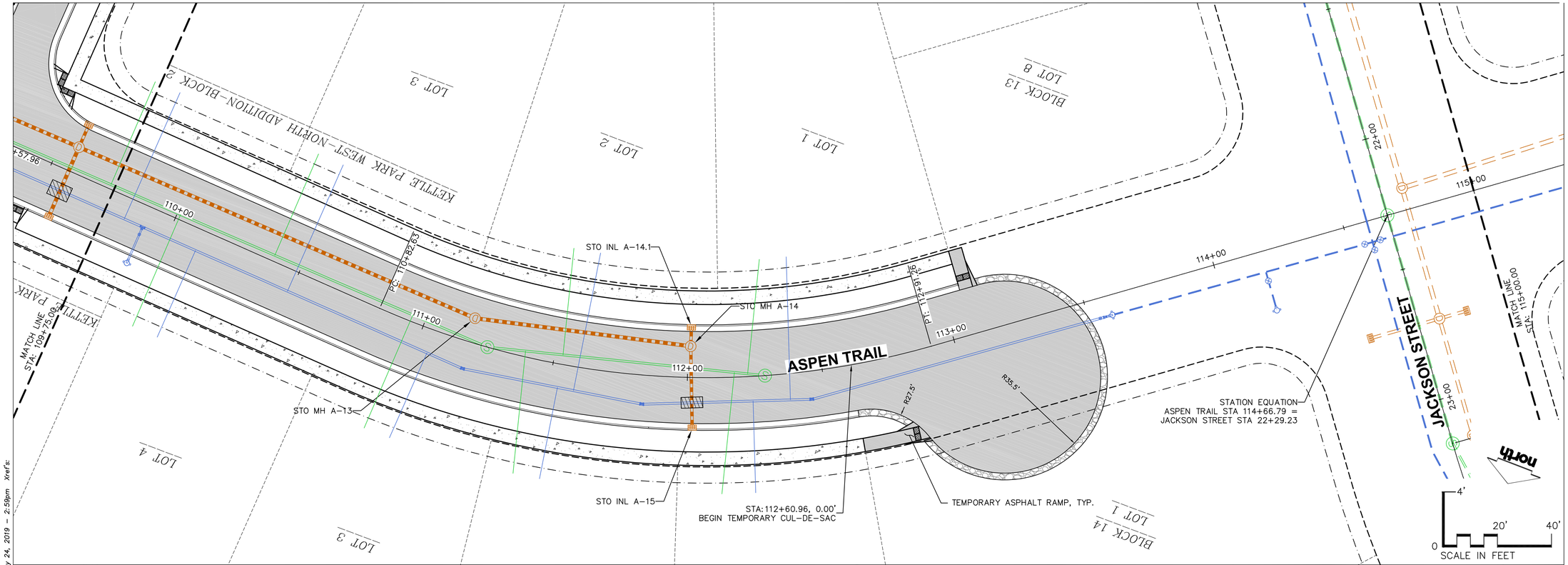
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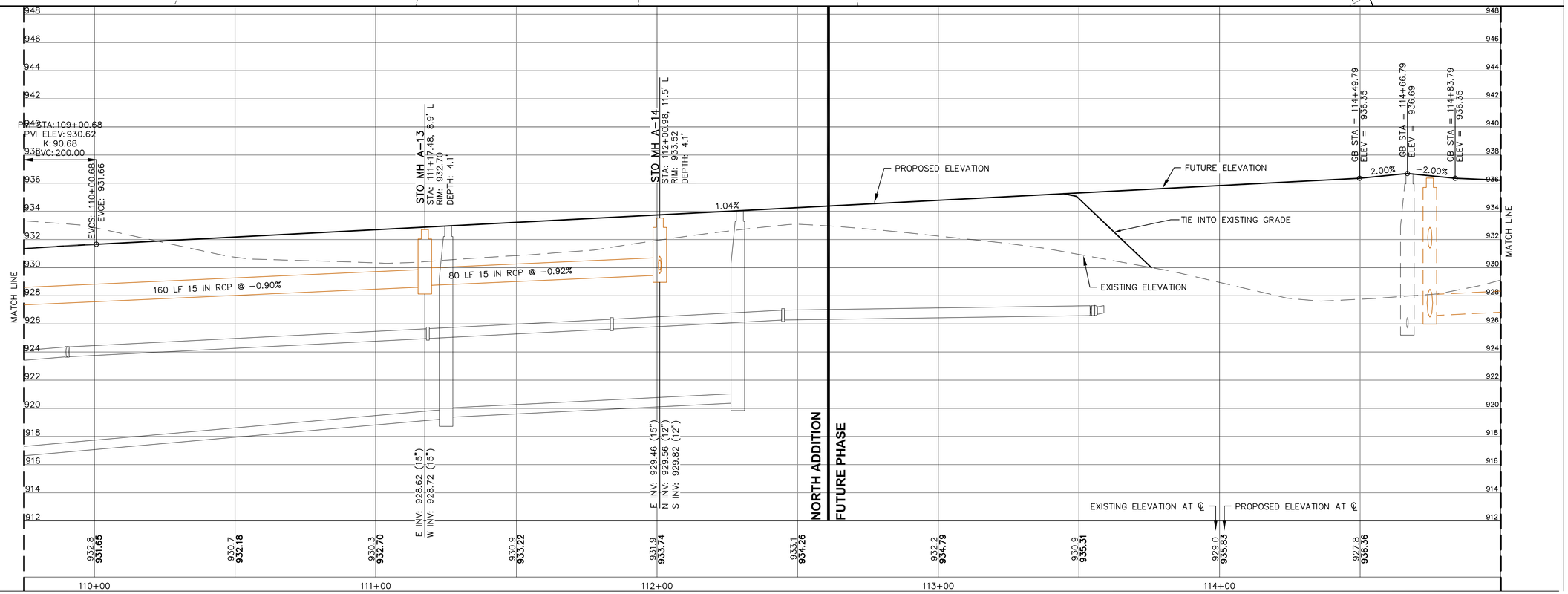
SHEET TITLE:
PAVING & STORM PLAN & PROFILE ASPEN TRAIL - 104+50 TO 109+75

SHEET NUMBER:
C11.6

JSD PROJECT NO: 15-7018

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PRELIMINARY NOT FOR CONSTRUCTION

PROJECT:
KETTLE PARK WEST NORTH ADDITION

PROJECT LOCATION:
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DANE COUNTY

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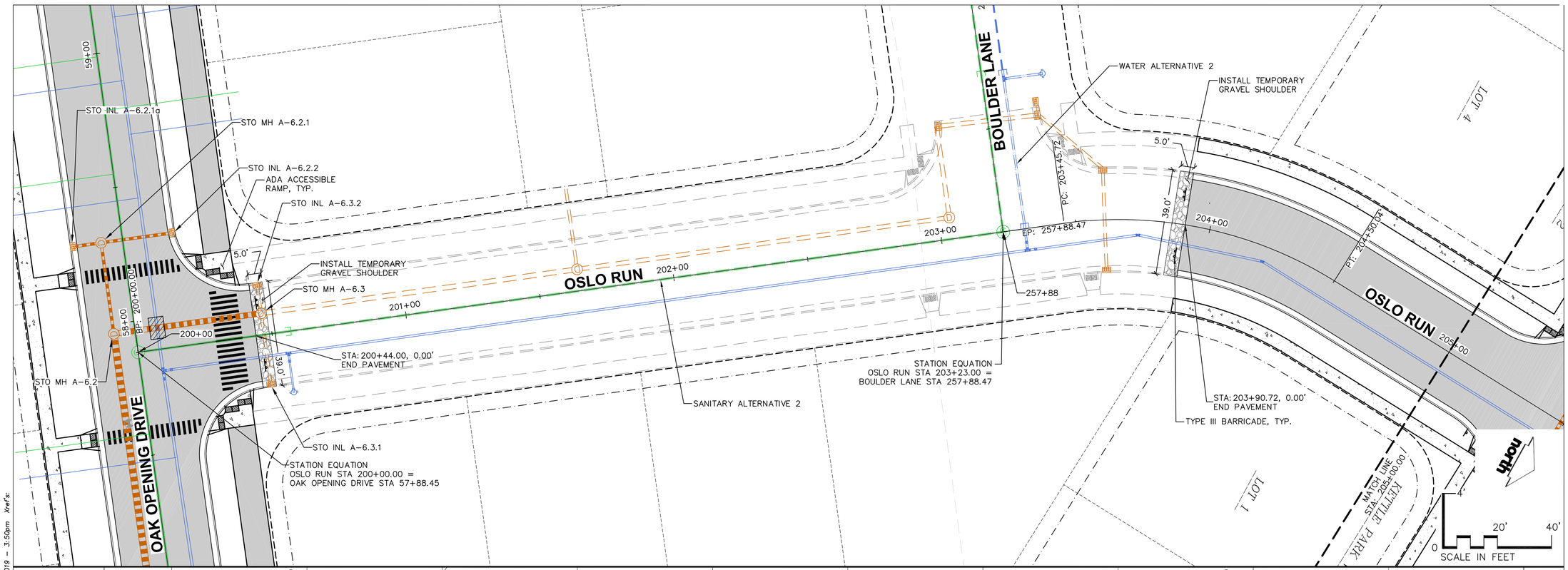
SHEET TITLE:
PAVING & STORM PLAN & PROFILE ASPEN TRAIL - STA 109+75 TO 115+00

SHEET NUMBER:
C11.7

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:
1	03.12.19	FINAL PLAT
2	05.28.19	F-PLAT COMMENT RESPONSE
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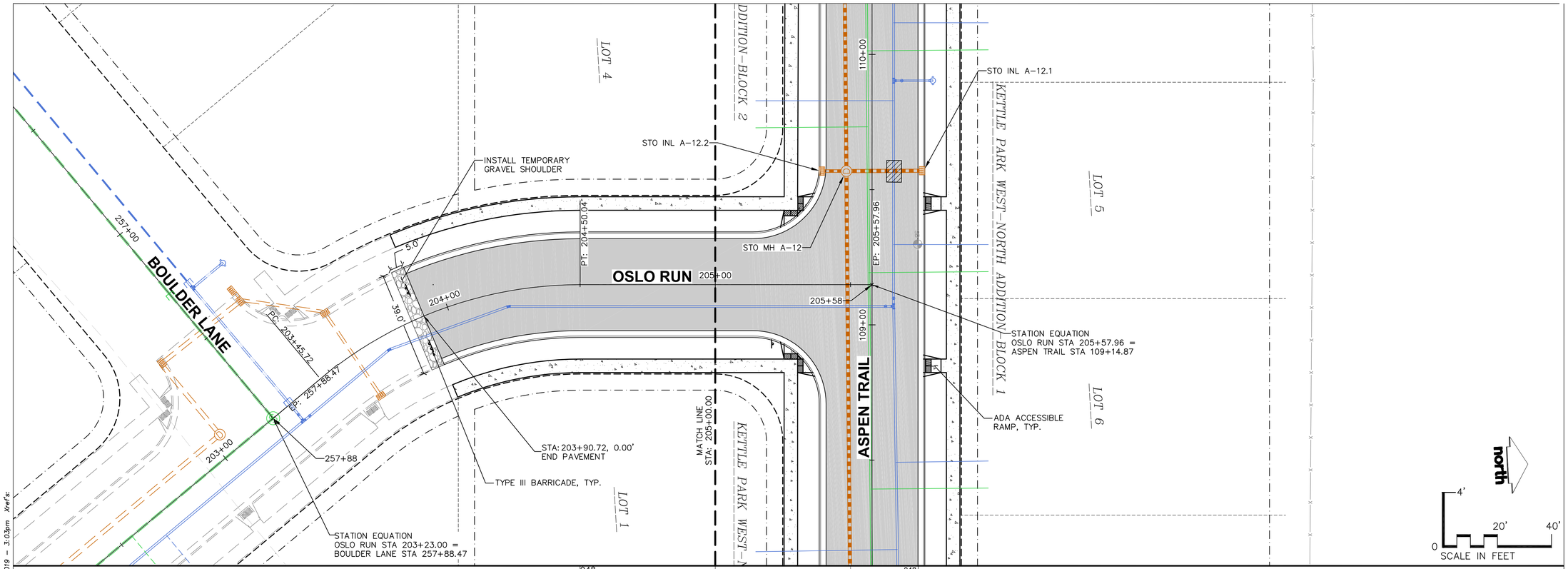
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Approved: **WHD/TAT**

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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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
2	05.26.19	F-PLAT COMMENT RESPONSE
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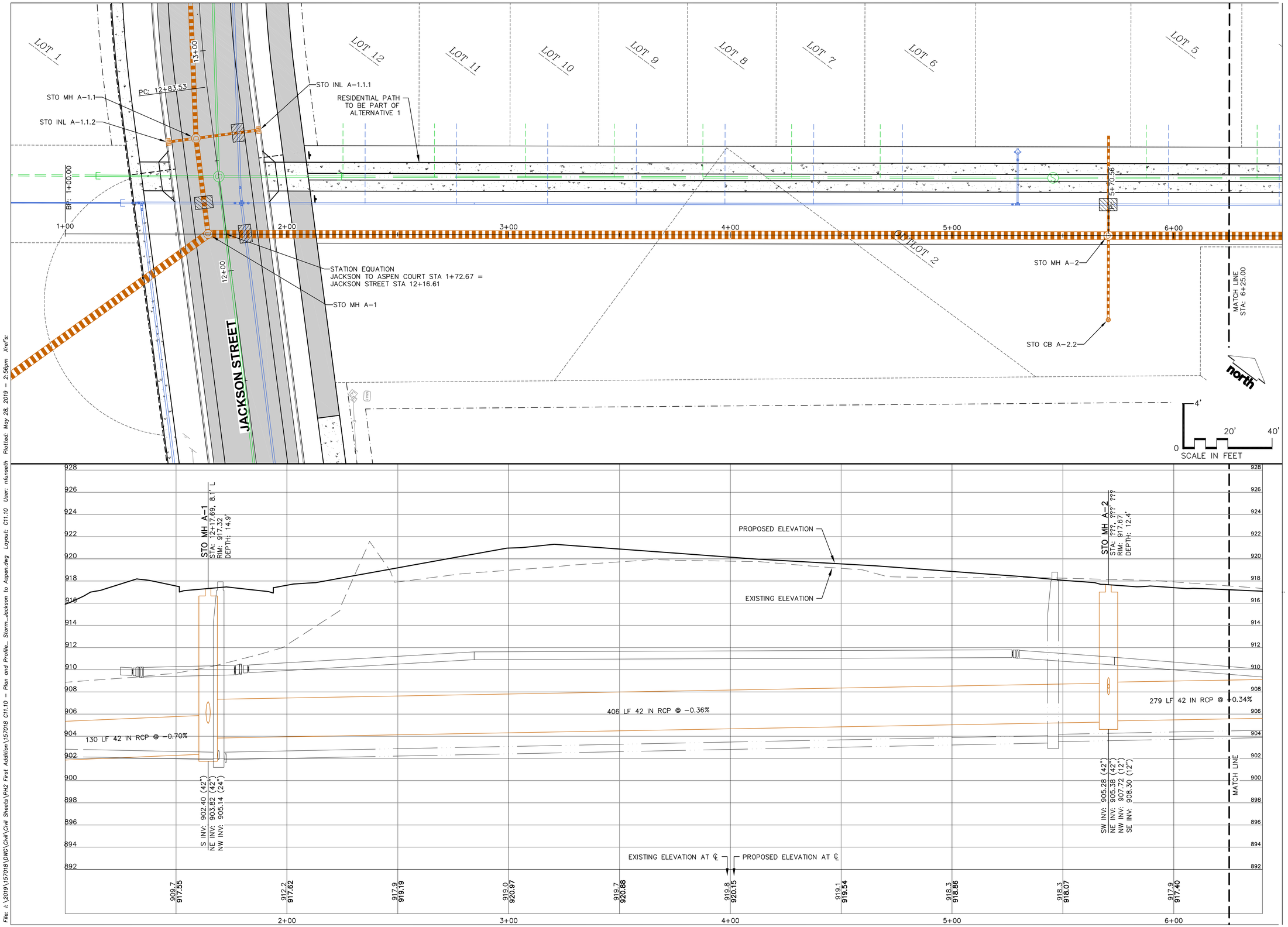
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Approved: WHD/TAT

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

SHEET NUMBER:
C11.9

JSD PROJECT NO: 15-7018

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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
2	05.28.19	F-PLAT COMMENT RESPONSE
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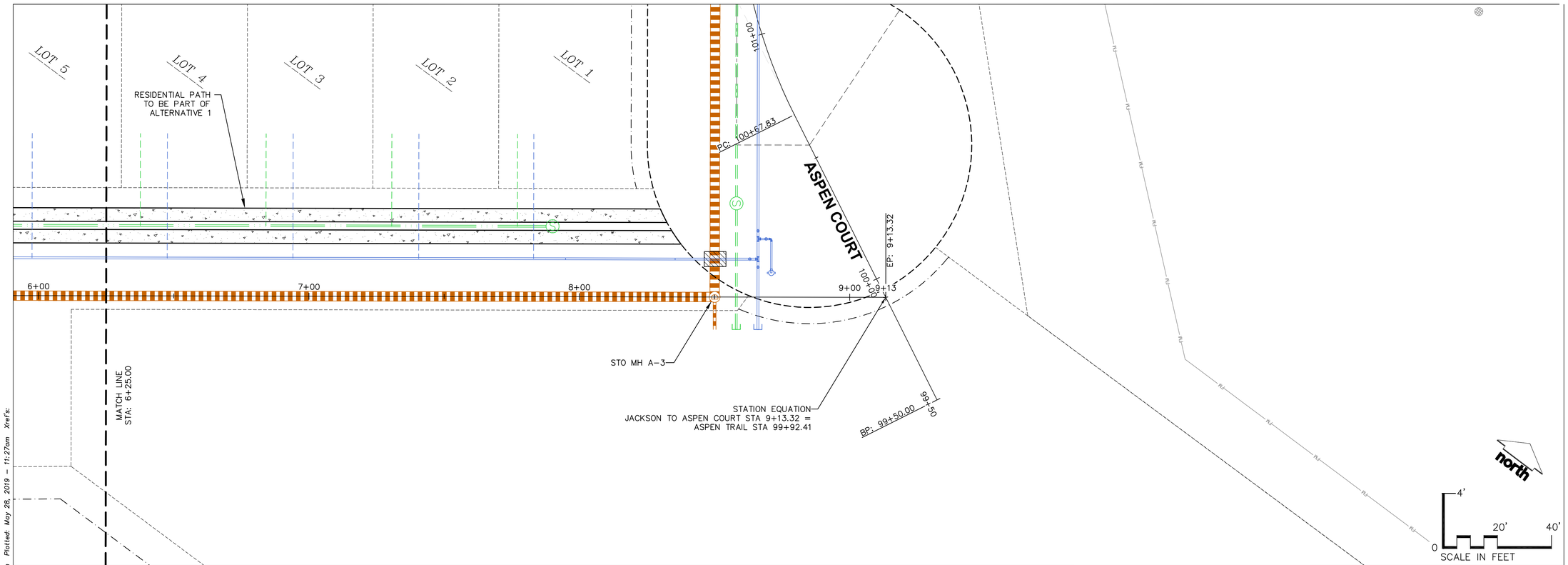
SHEET TITLE:
PAVING & STORM PLAN & PROFILE JACKSON STREET TO ASPEN COURT - STA 1+00 TO 6+25

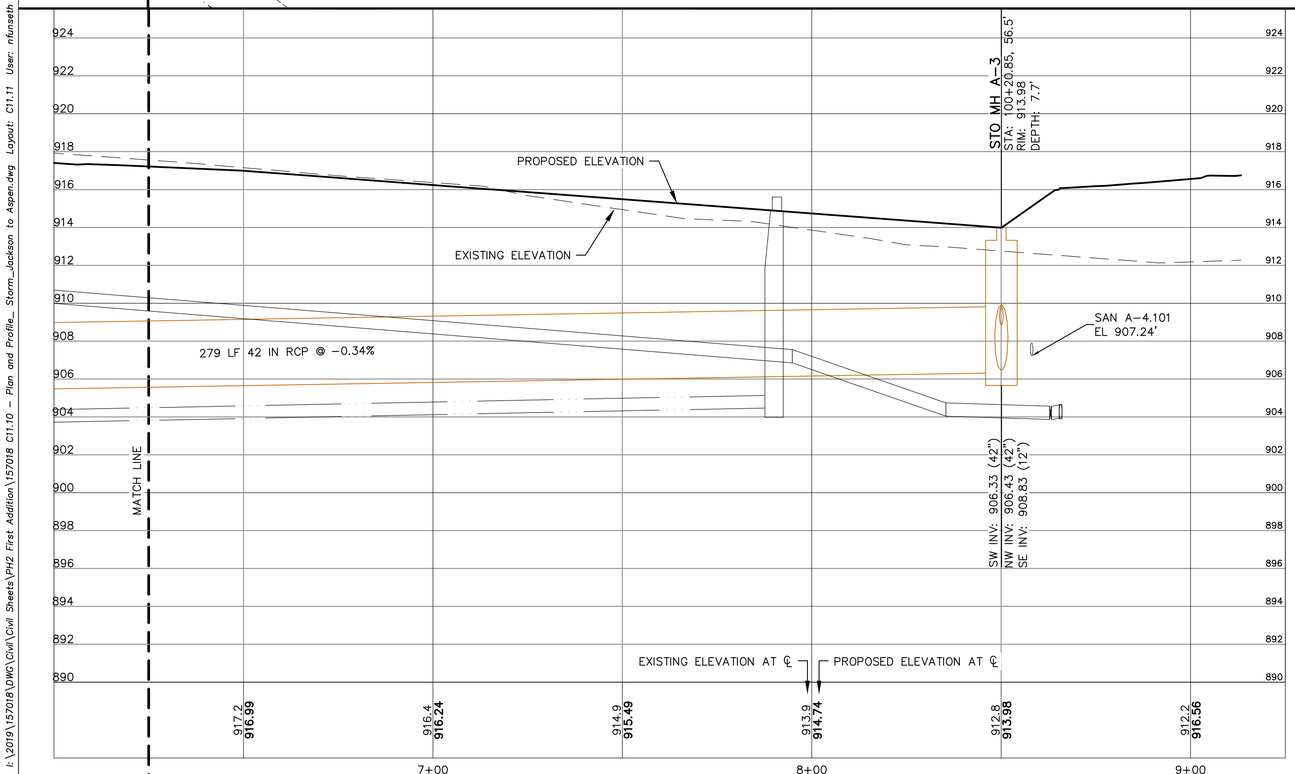
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PROJECT:
KETTLE PARK WEST NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

#	Date:	Description:
1	03.12.19	FINAL PLAT
2	05.28.19	F-PLAT COMMENT RESPONSE
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Design/Drawn:
Approved:

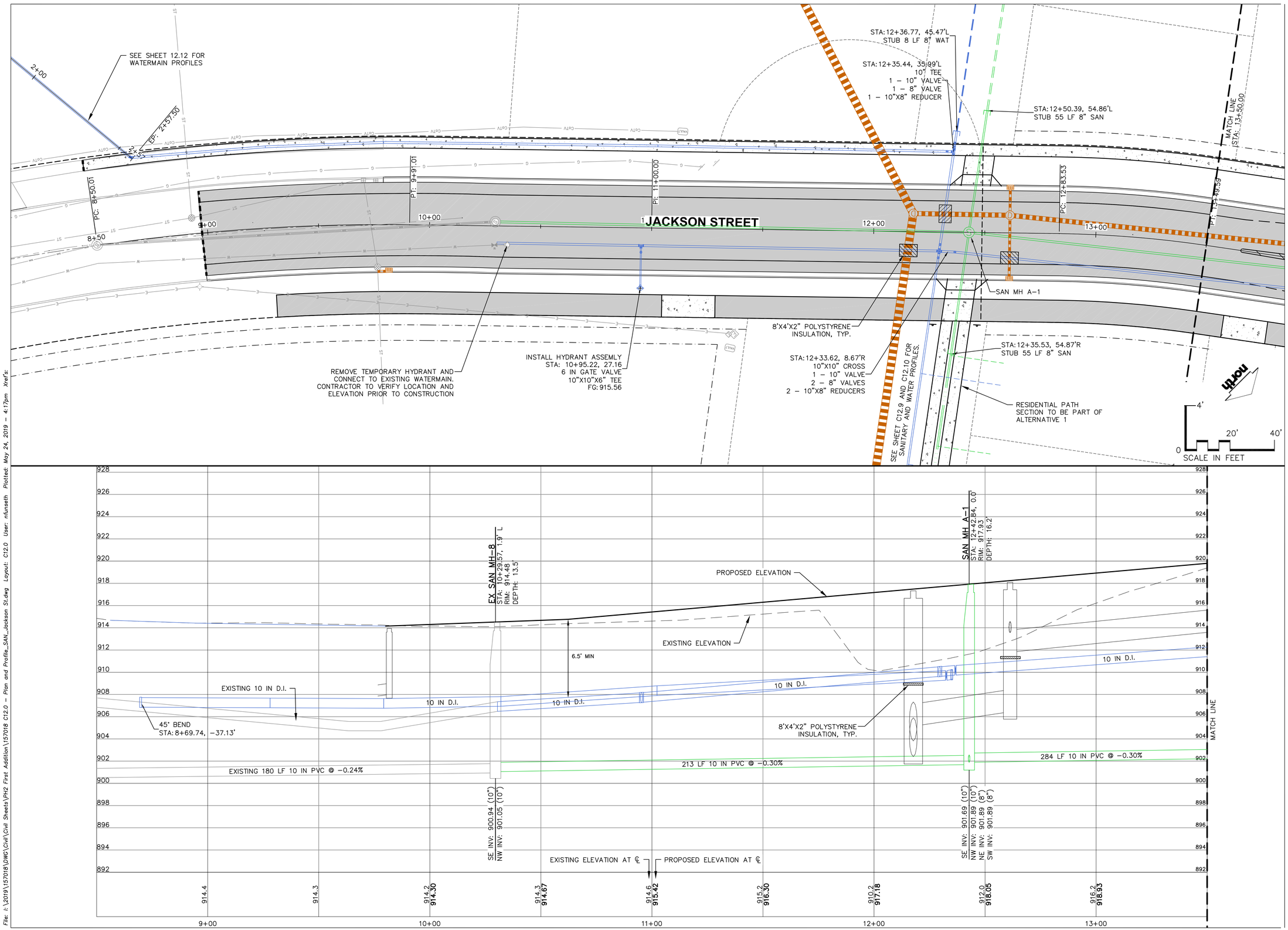
SHEET TITLE:
PAVING & STORM PLAN & PROFILE JACKSON STREET TO ASPEN COURT - STA 6+25 TO 9+13

SHEET NUMBER:
C11.11

JSD PROJECT NO: 15-7018

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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

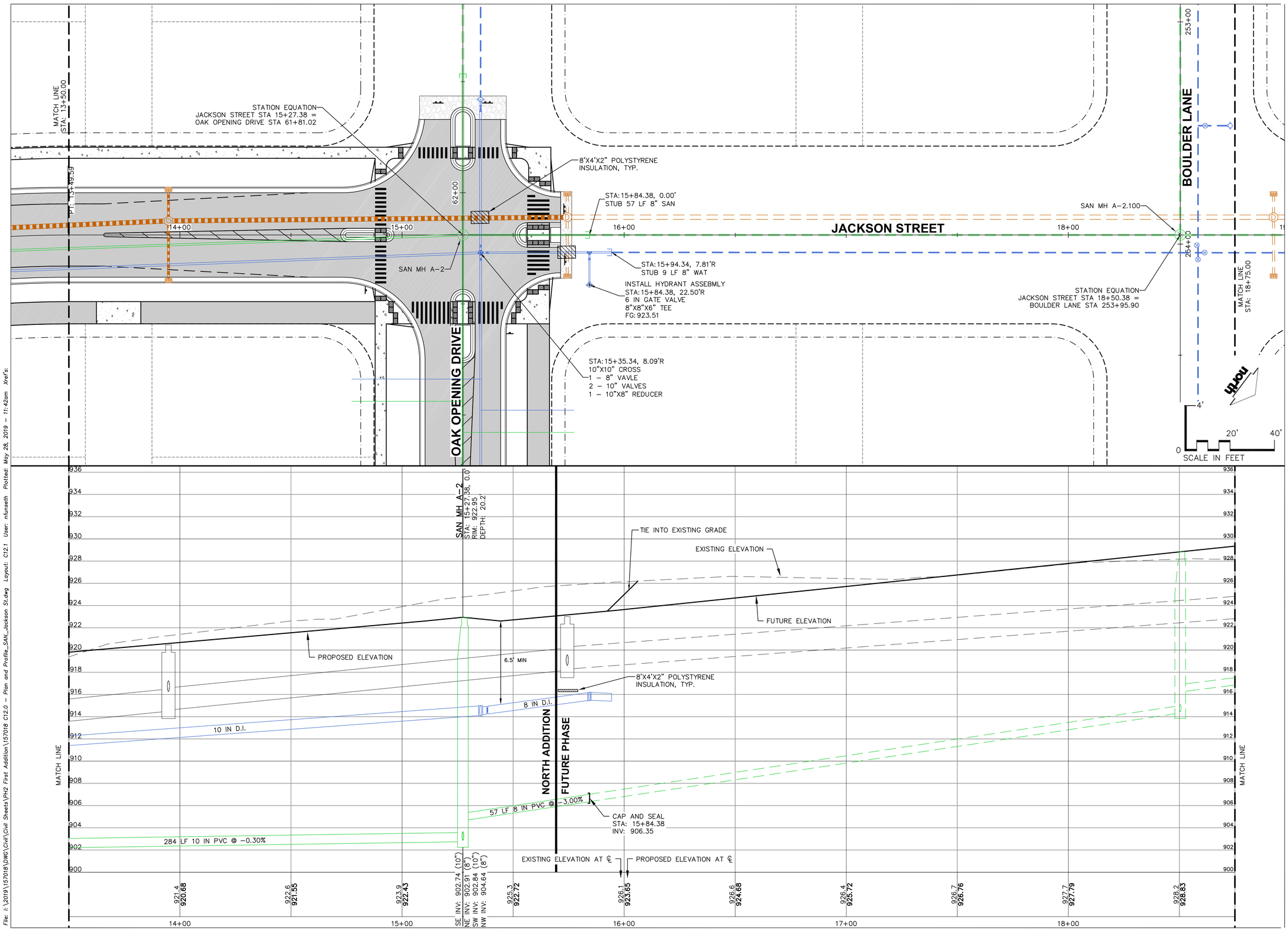
SHEET TITLE:
SANITARY & WATER PLAN & PROFILE JACKSON STREET - STA 8+50 TO 13+50

SHEET NUMBER:
C12.0

JSD PROJECT NO: 15-7018

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PROJECT:
KETTLE PARK WEST NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

#	Date:	Description:
1	03.12.19	FINAL PLAT
2	05.28.19	F-PLAT COMMENT RESPONSE
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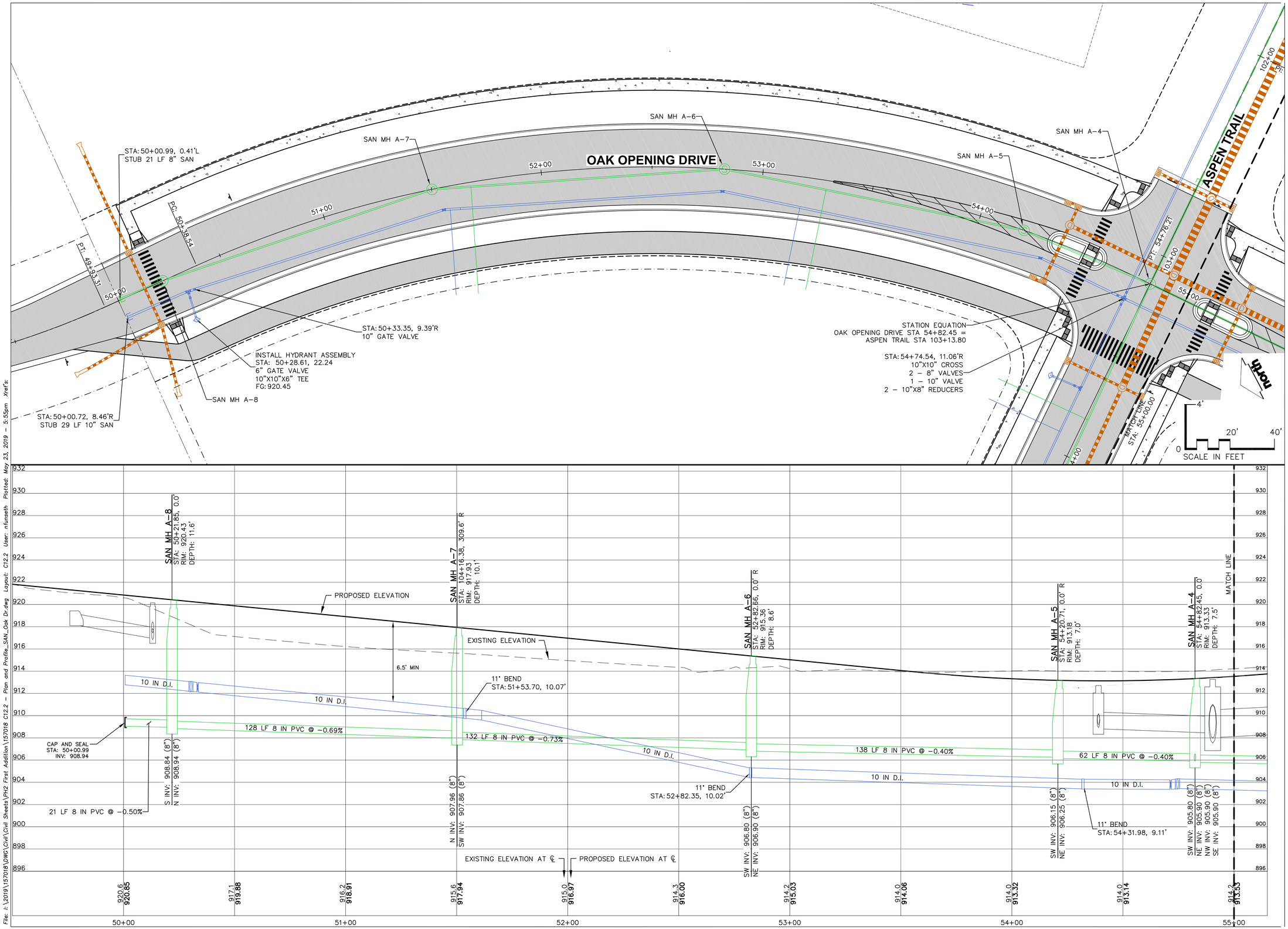
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SHEET TITLE:
SANITARY & WATER PLAN & PROFILE JACKSON STREET - STA 13+50 TO 18+75

SHEET NUMBER:
C12.1

JSD PROJECT NO: 15-7018

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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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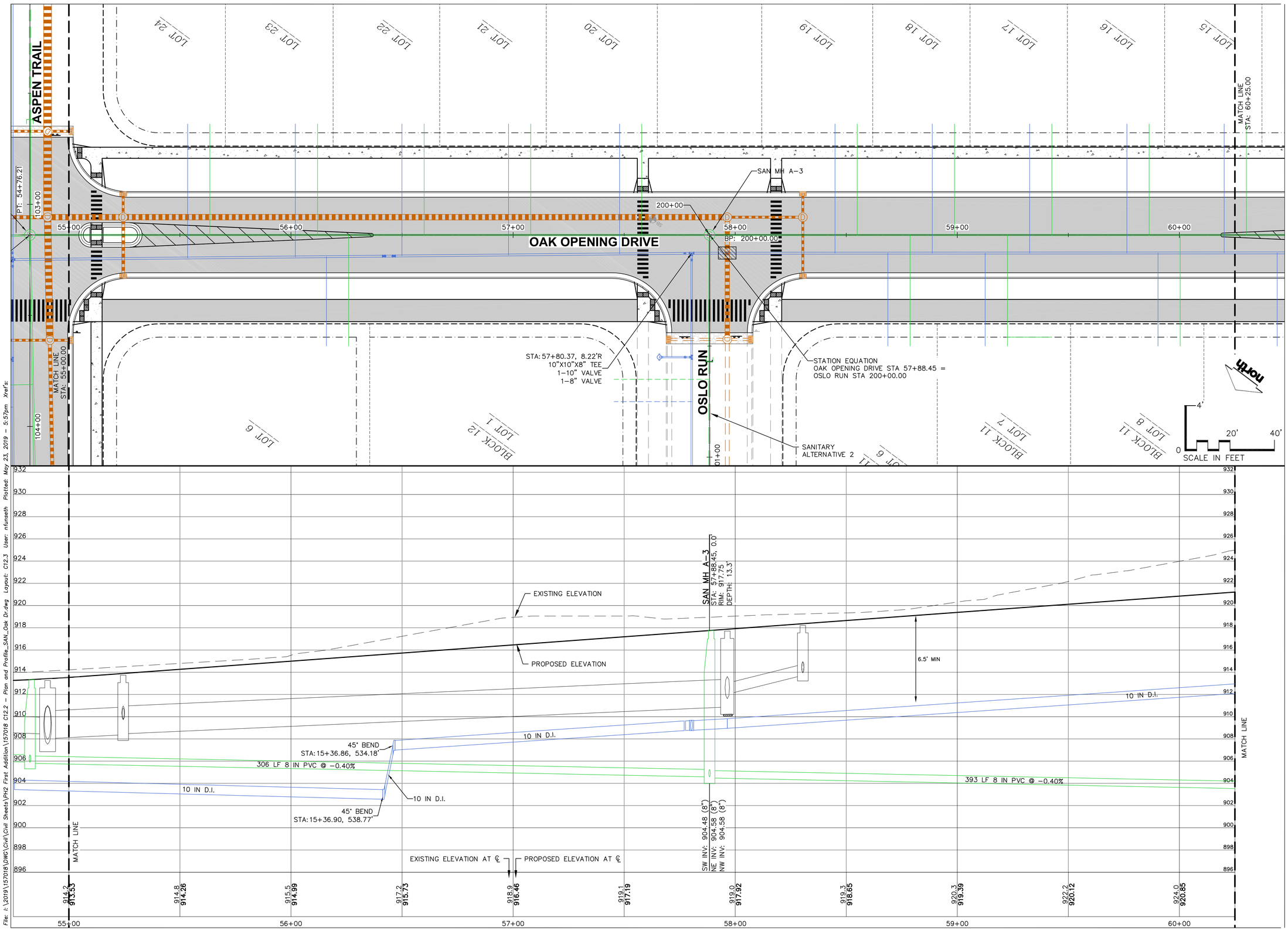
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Approved:

SHEET TITLE:
SANITARY & WATER PLAN & PROFILE OAK OPENING DRIVE - STA 49+50 TO 55+00

SHEET NUMBER:
C12.2

JSD PROJECT NO: 15-7018

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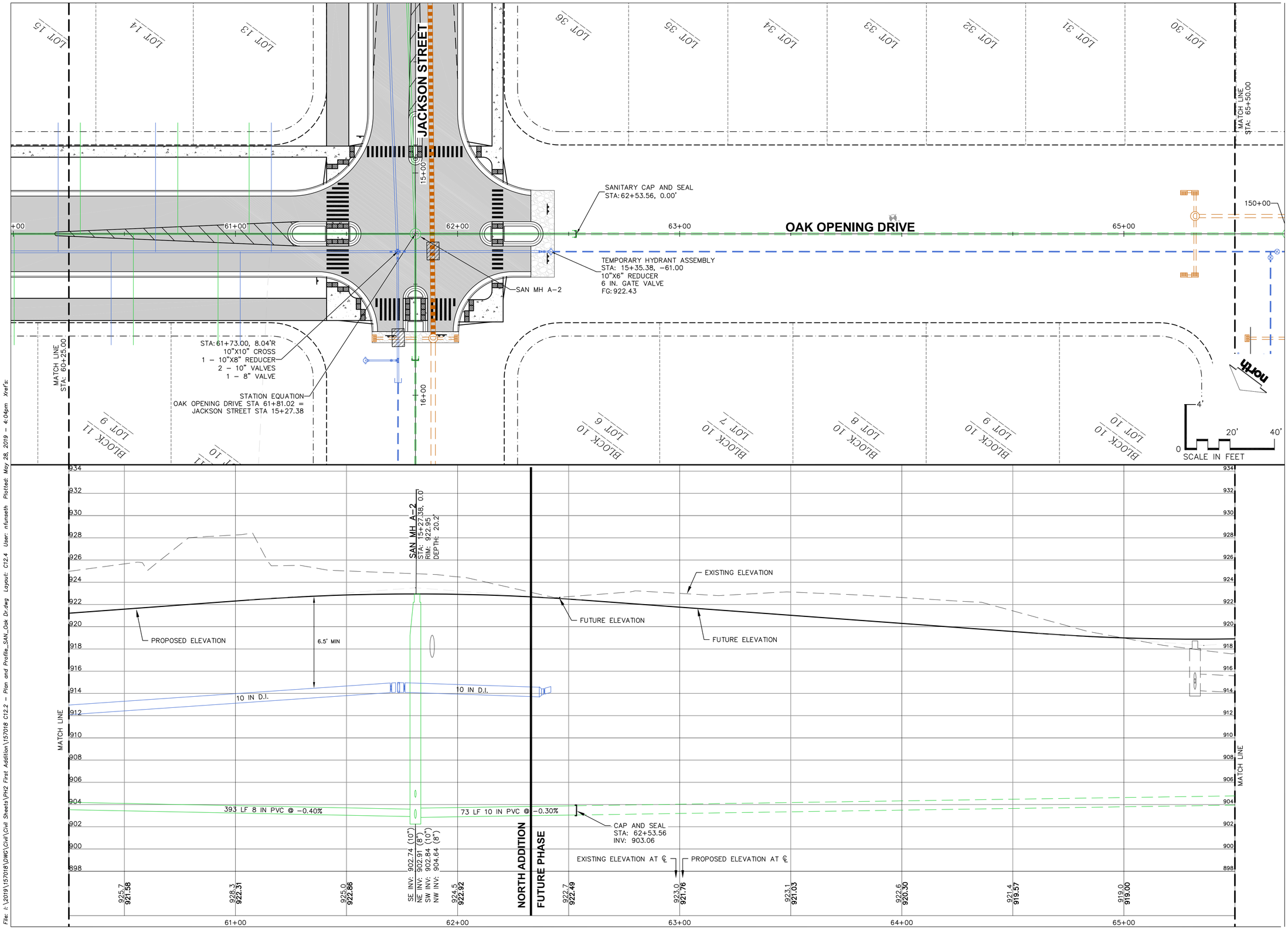
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SHEET TITLE:
SANITARY & WATER PLAN & PROFILE OAK OPENING DRIVE - STA 55+00 TO 60+25

SHEET NUMBER:
C12.3

JSD PROJECT NO: 15-7018

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PRELIMINARY NOT FOR CONSTRUCTION

PROJECT:
KETTLE PARK WEST NORTH ADDITION

PROJECT LOCATION:
CITY OF STOUGHTON, WI
DANE COUNTY

PLAN MODIFICATIONS:

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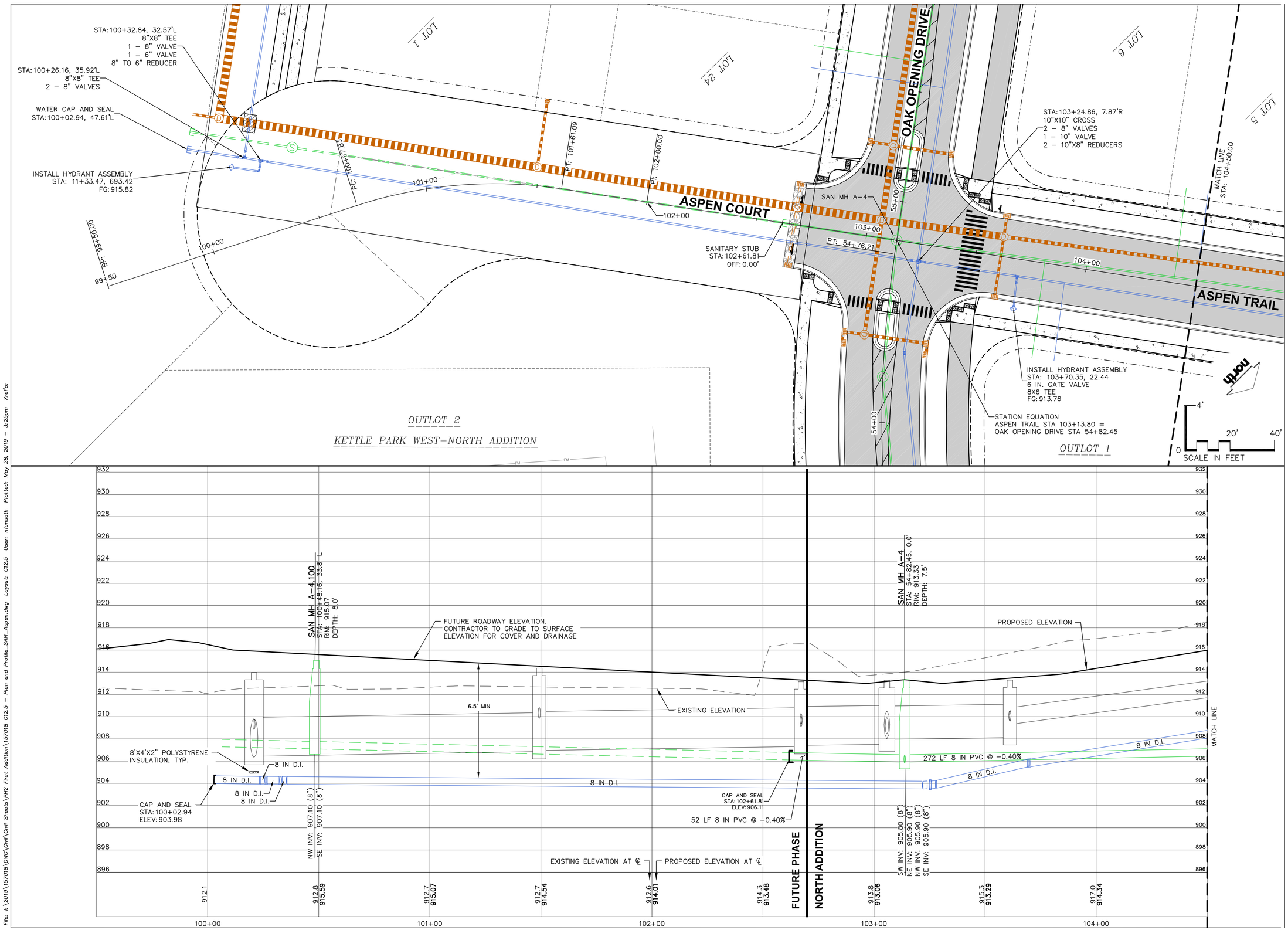
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Approved: WHD/TAT

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

SHEET NUMBER:
C12.4

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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:
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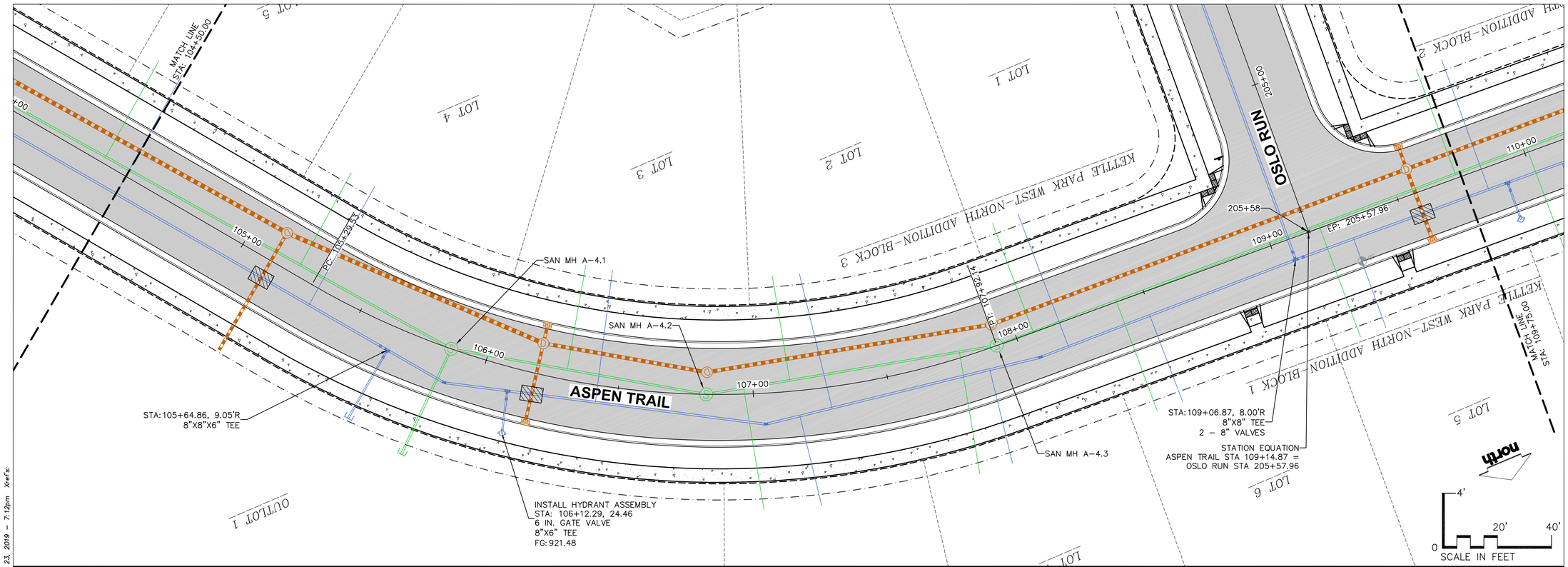
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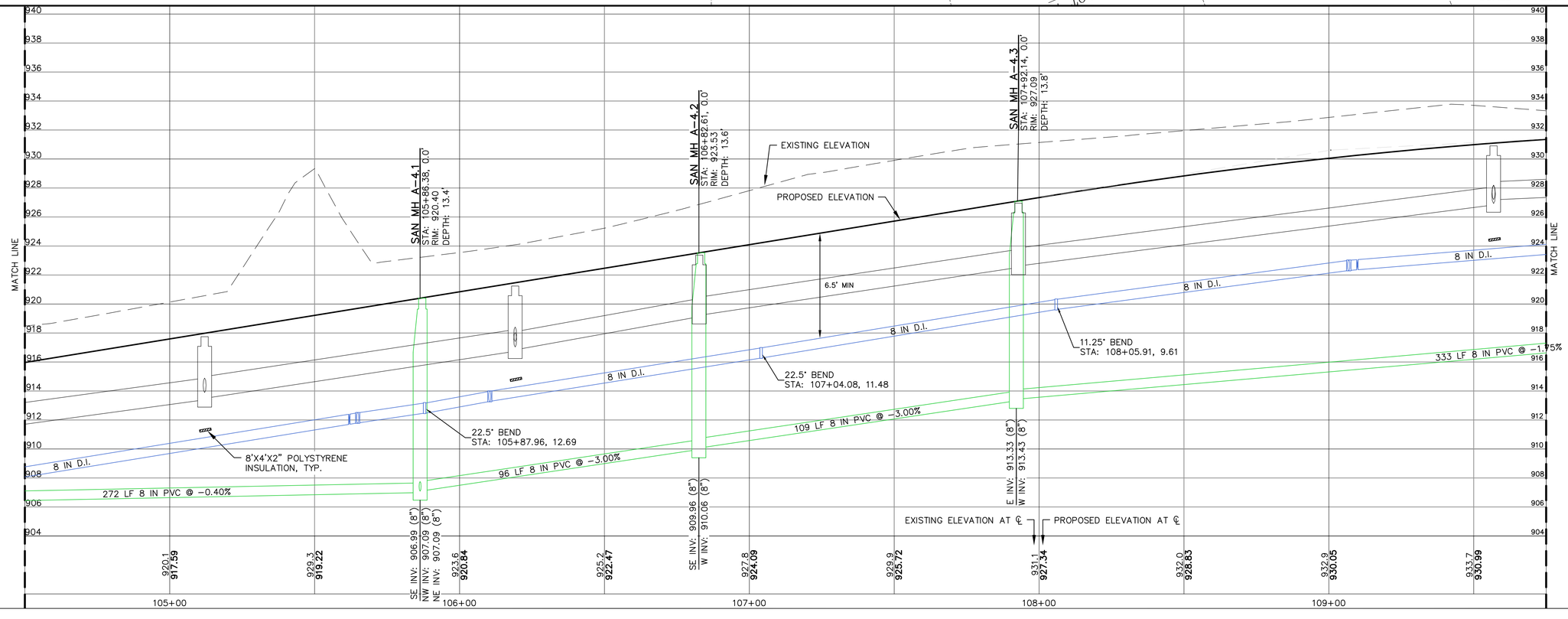
SHEET TITLE:
ASPEN COURT & ASPEN TRAIL - STA 99+50 TO 104+50

SHEET NUMBER:
C12.5

JSD PROJECT NO: 15-7018

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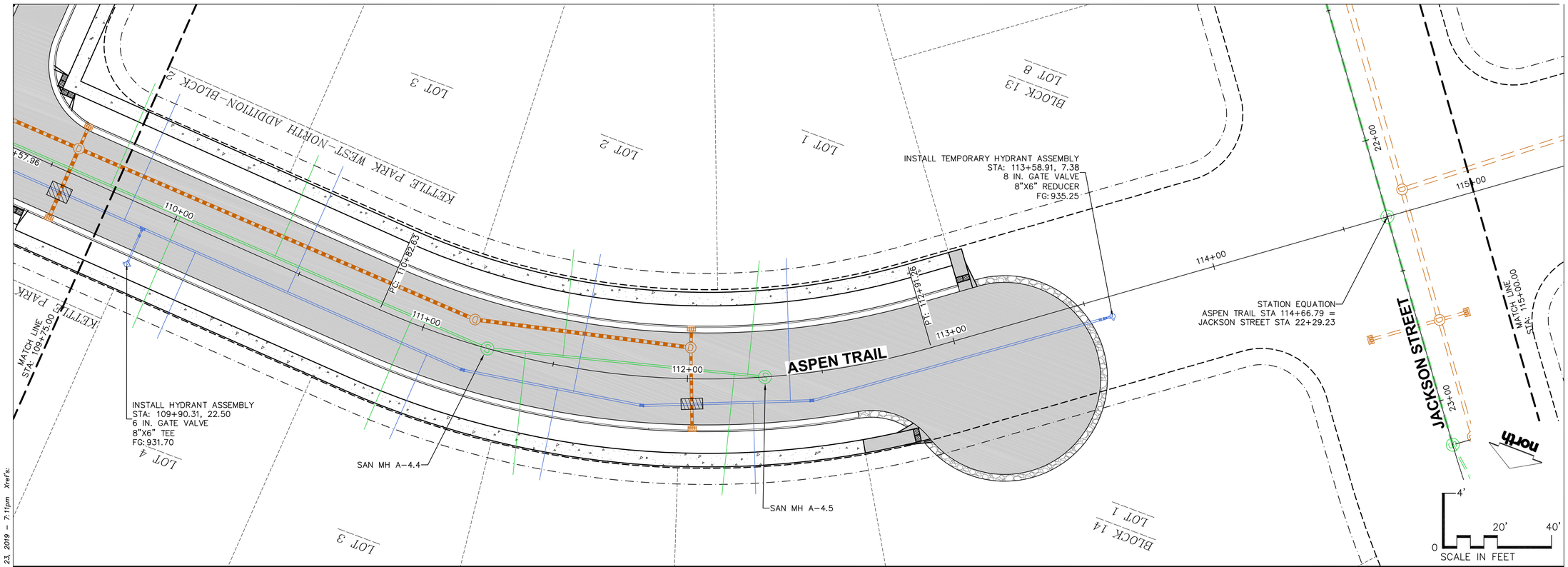
SHEET TITLE:
ASPEN TRAIL - 104+50 TO 109+75

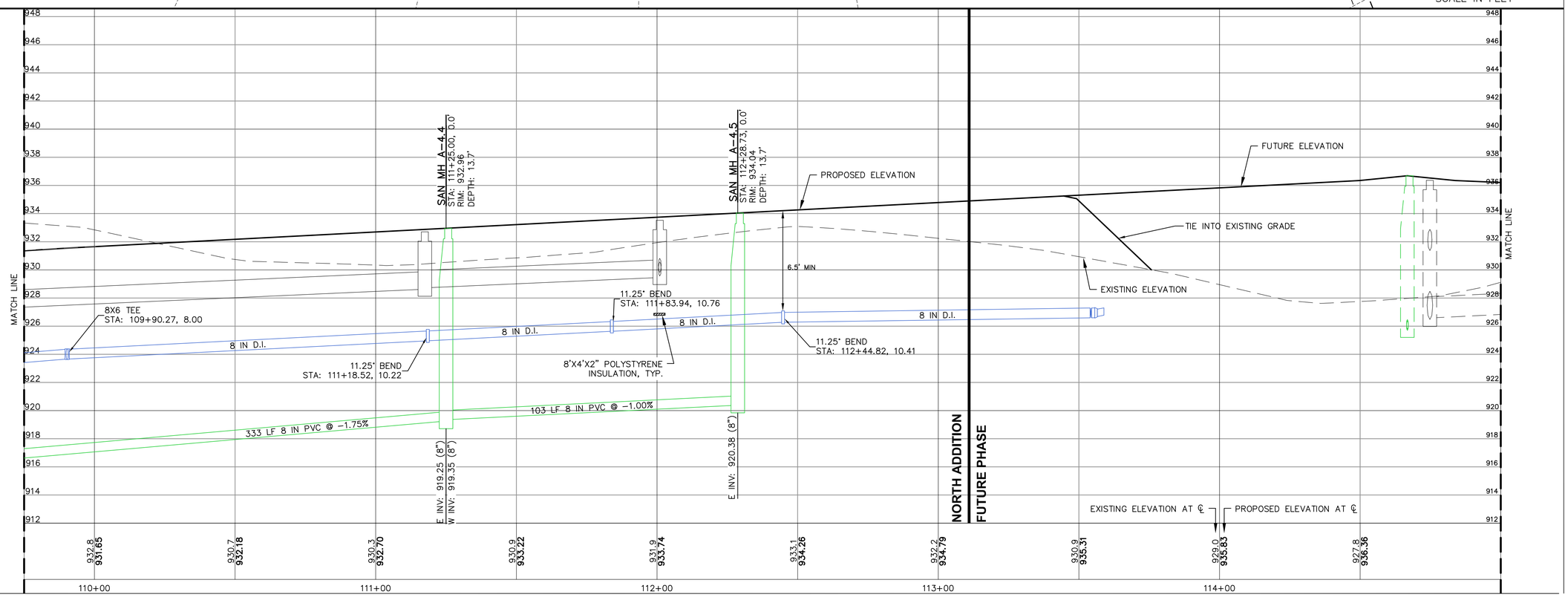
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JSD PROJECT NO: 15-7018

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PRELIMINARY NOT FOR CONSTRUCTION

PROJECT:
KETTLE PARK WEST NORTH ADDITION

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CITY OF STOUGHTON, WI
DANE COUNTY

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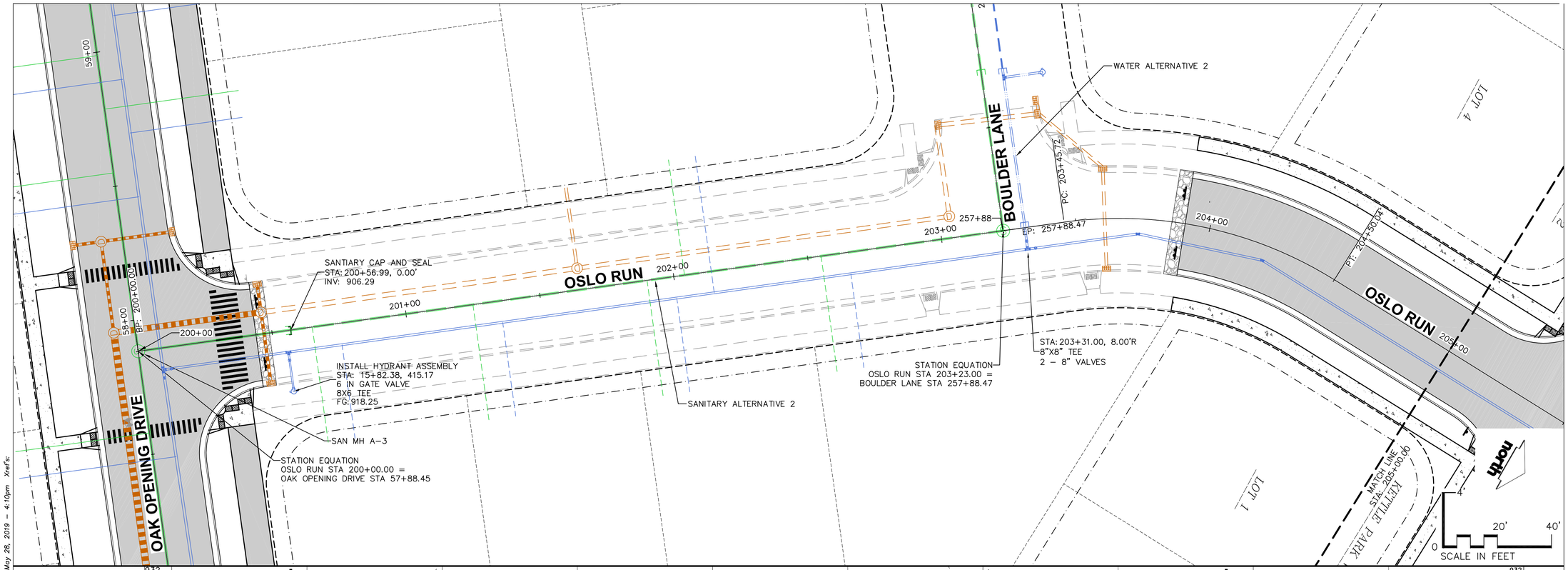
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ASPEN TRAIL - STA 109+75 TO 115+00

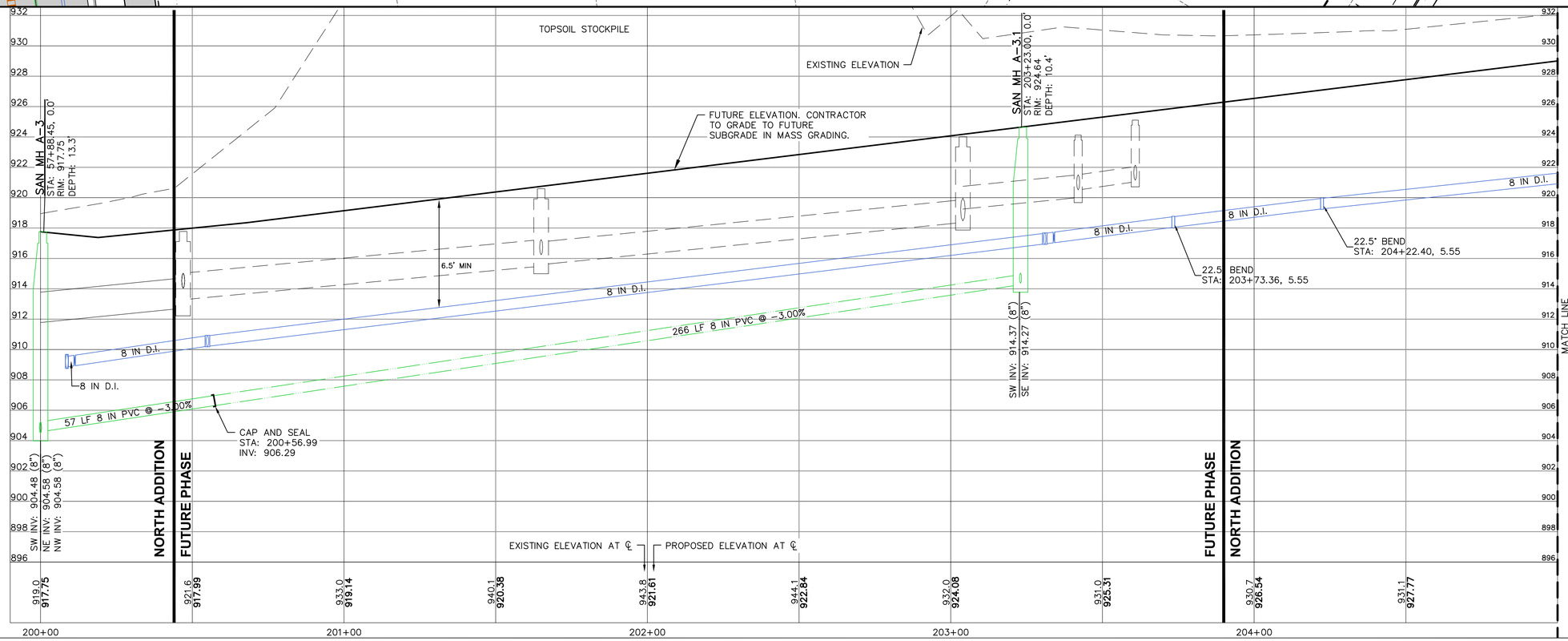
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C12.7

JSD PROJECT NO: 15-7018

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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:
1	03.12.19	FINAL PLAT
2	05.28.19	F-PLAT COMMENT RESPONSE
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

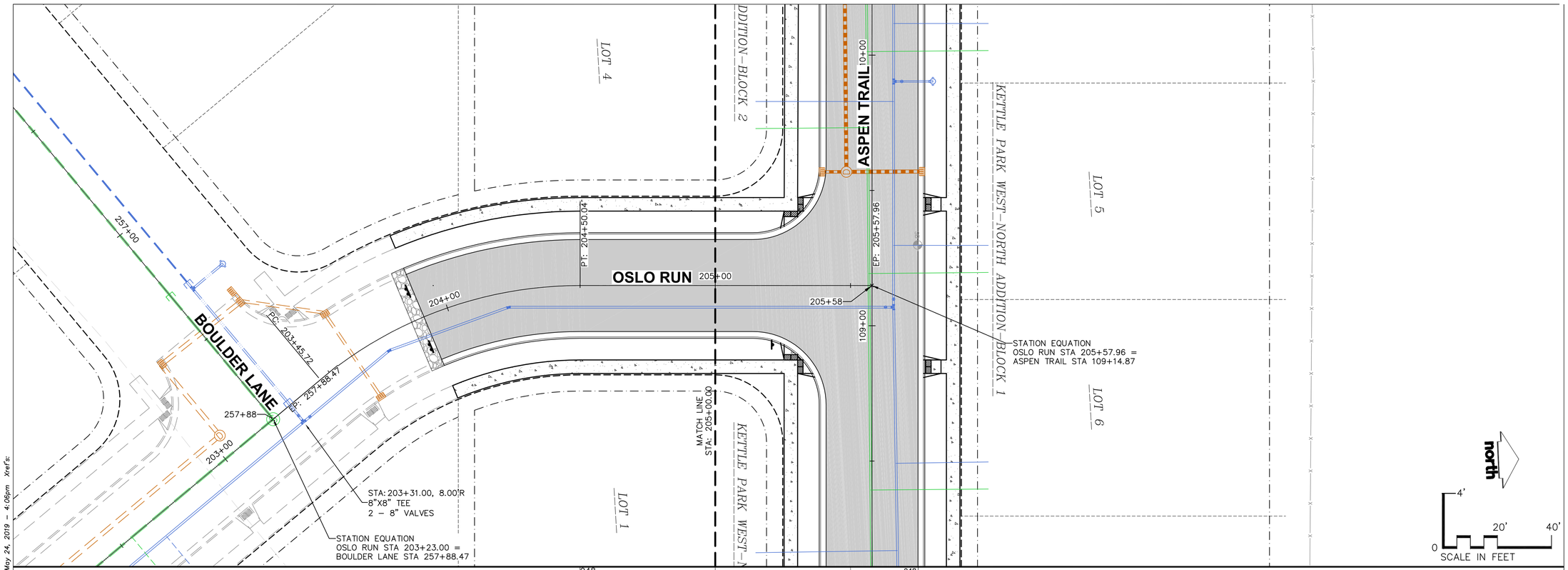
SHEET TITLE:
OSLO RUN- STA 200+00 TO 205+00

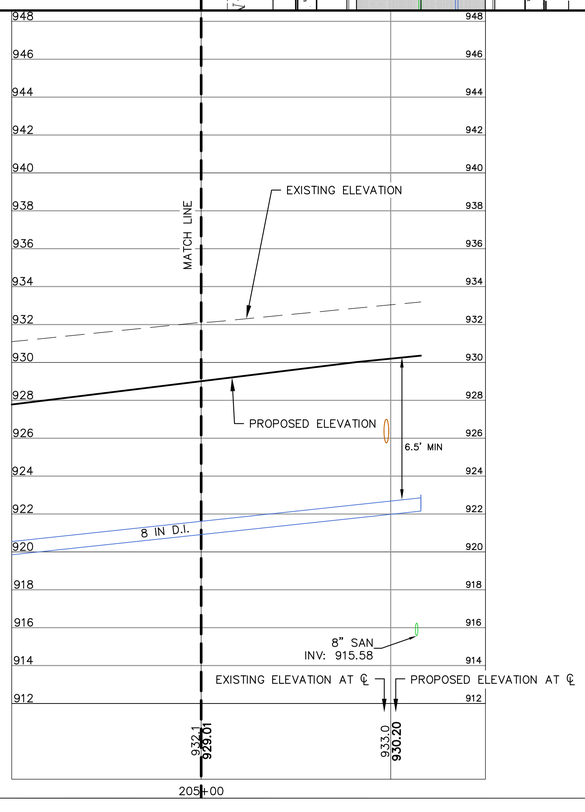
SHEET NUMBER:
C12.8

JSD PROJECT NO: 15-7018

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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
2	05.26.19	F-PLAT COMMENT RESPONSE
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Design/Drawn: EWO/CHG/MSS/CLH
Approved: WHD/TAT

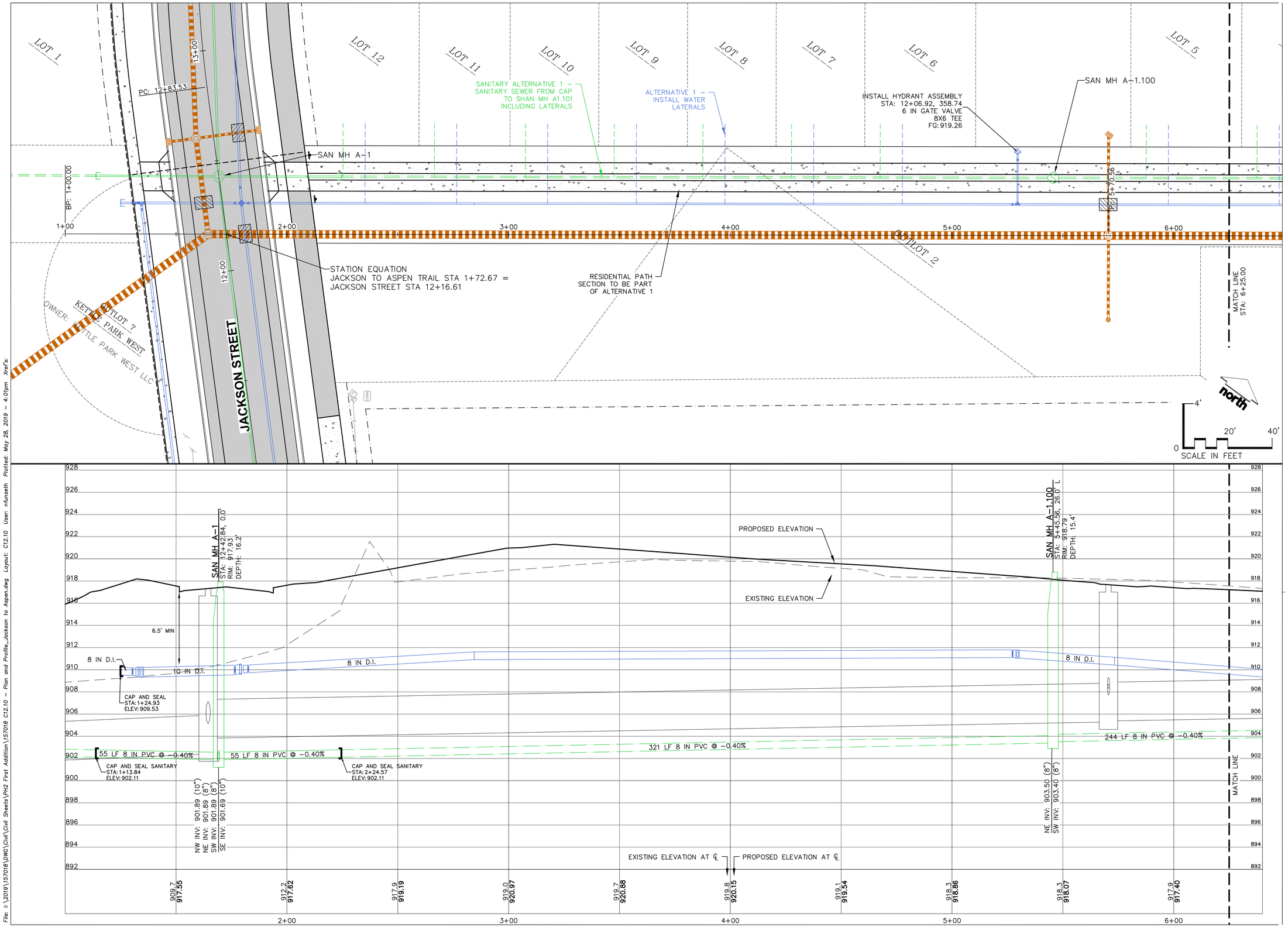
SHEET TITLE:
OSLO RUN - STA 205+00 TO 205+58

SHEET NUMBER:
C12.9

JSD PROJECT NO: 15-7018

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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
2	05.28.19	F-PLAT COMMENT RESPONSE
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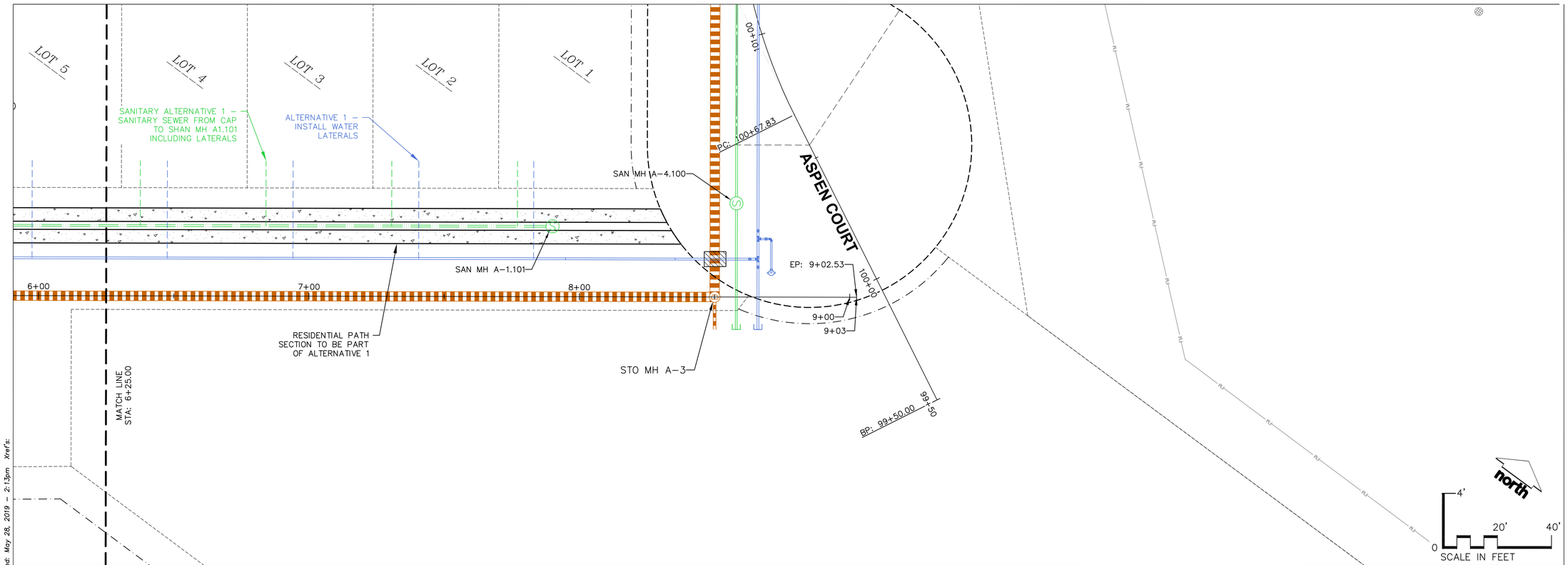
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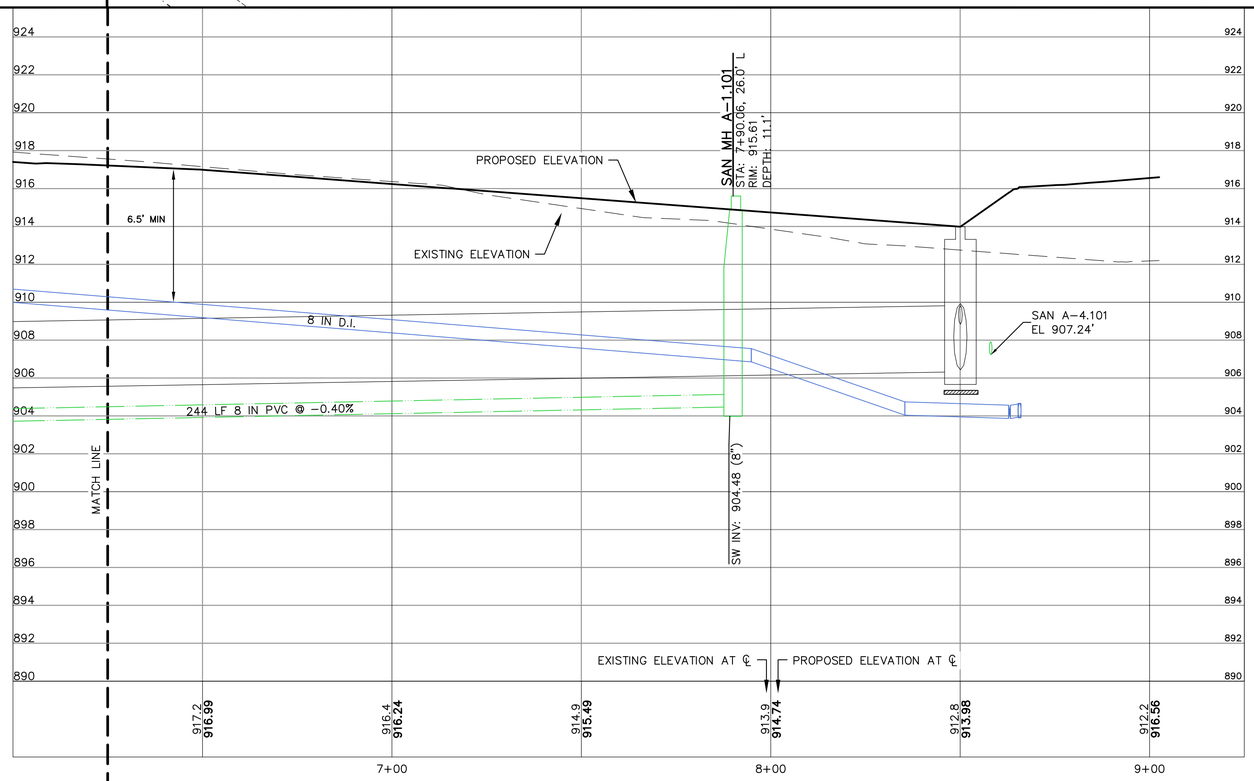
SHEET TITLE:
JACKSON STREET TO ASPEN COURT - STA 1+00 TO 6+25

SHEET NUMBER:
C12.10

JSD PROJECT NO: 15-7018

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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
2	05.28.19	F-PLAT COMMENT RESPONSE
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Design/Drawn:
Approved:

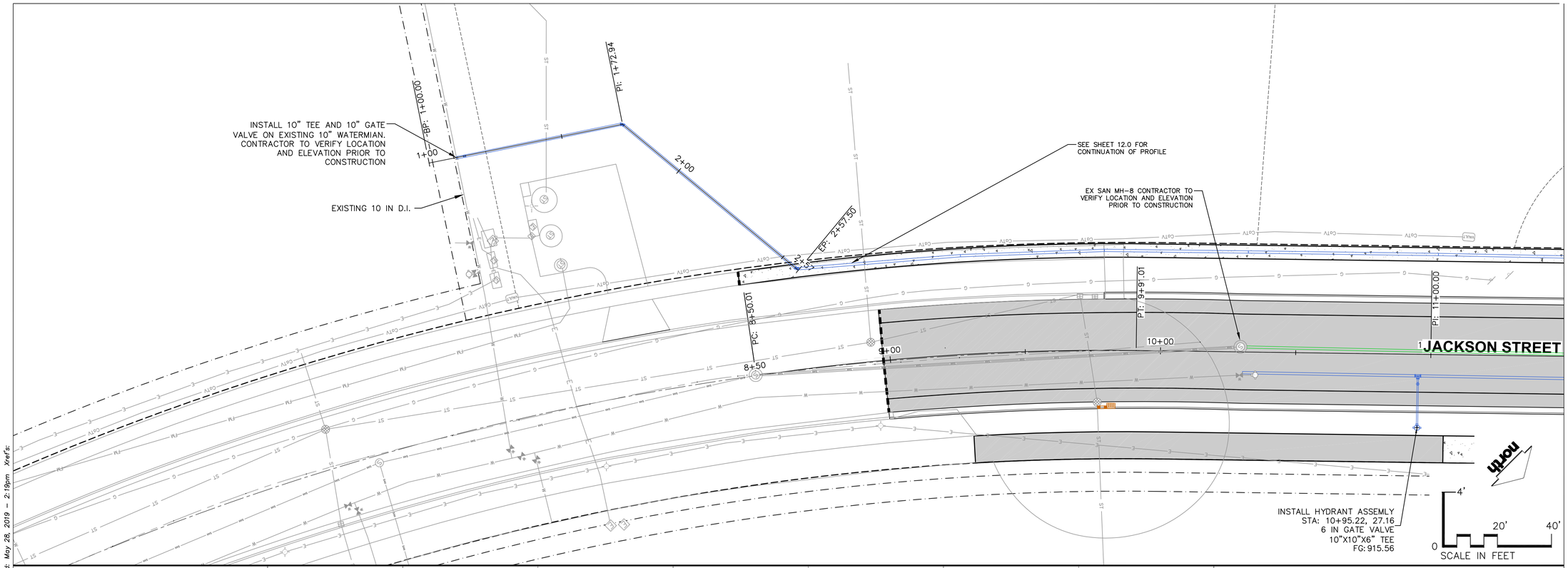
SHEET TITLE:
JACKSON STREET TO ASPEN COURT - STA 6+25 TO 9+03

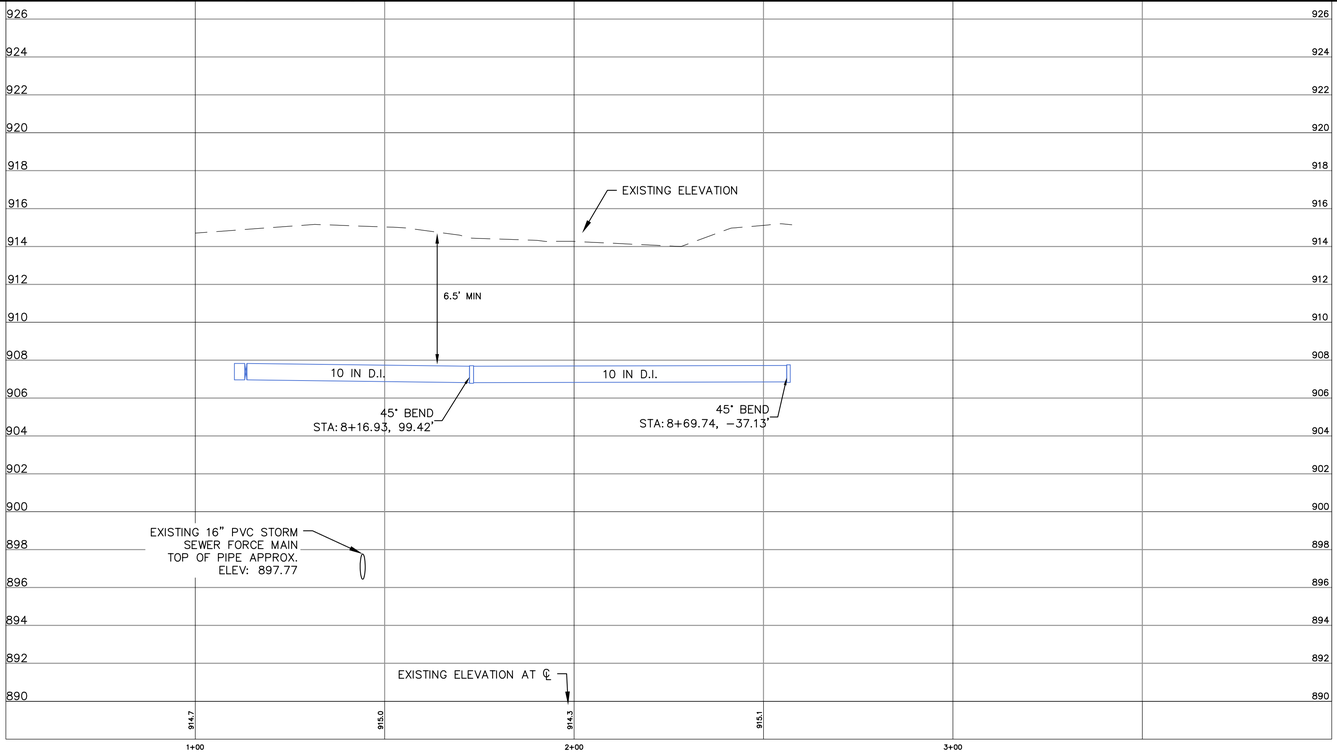
SHEET NUMBER:
C12.11

JSD PROJECT NO: 15-7018

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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:
SANITARY & WATER PLAN & PROFILE JACKSON STREET- WATERMAIN LOOP

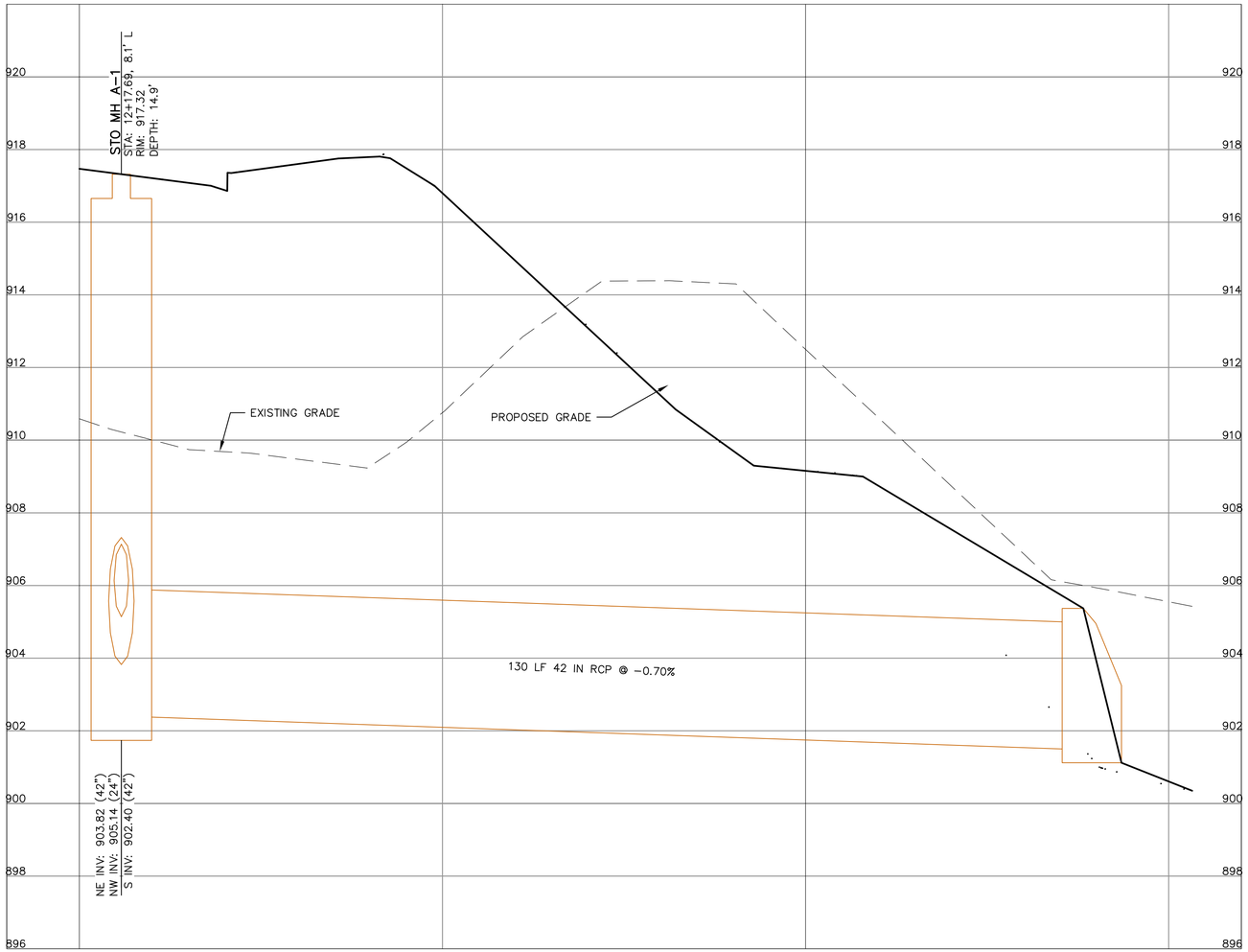
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JSD PROJECT NO: 15-7018

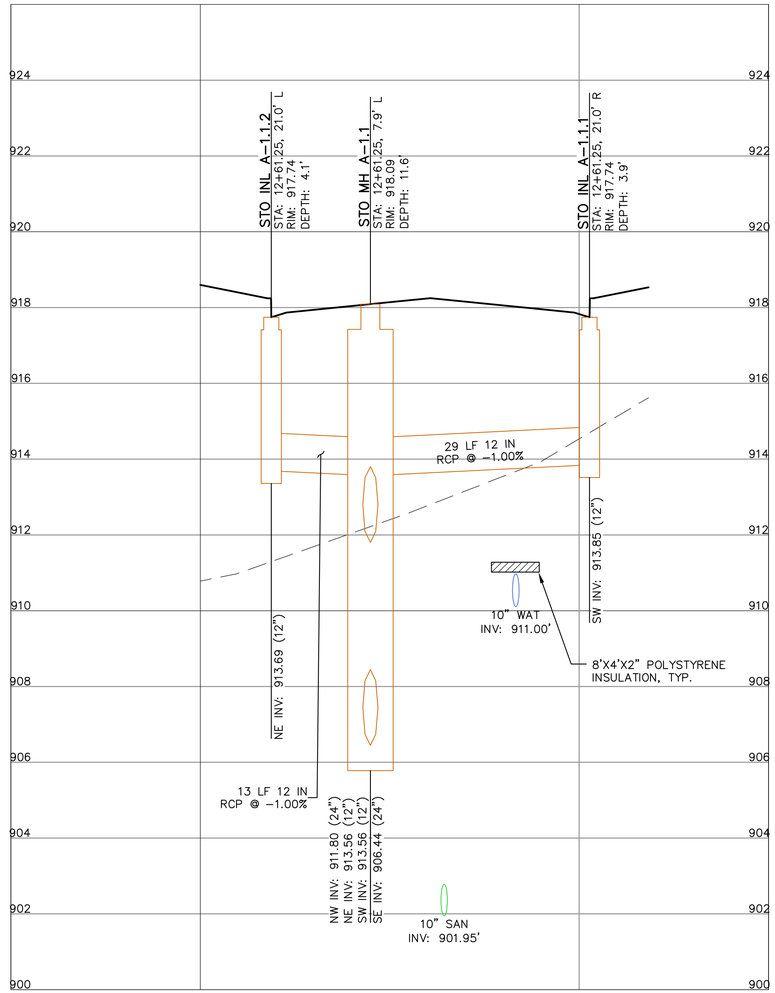
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JACKSON ST STA: 12+18



JACKSON ST STA: 12+61



2' 10' 20'
0
SCALE IN FEET

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PROJECT:
KETTLE PARK WEST NORTH ADDITION

PROJECT LOCATION:
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DANE COUNTY

PLAN MODIFICATIONS:

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1	03.12.19	FINAL PLAT
2	05.28.19	F-PLAT COMMENT RESPONSE
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Design/Drawn: **EWO/CHG/MSS/CLH**
Approved: **WHD/TAT**

SHEET TITLE:
STORM SEWER INLET PROFILES

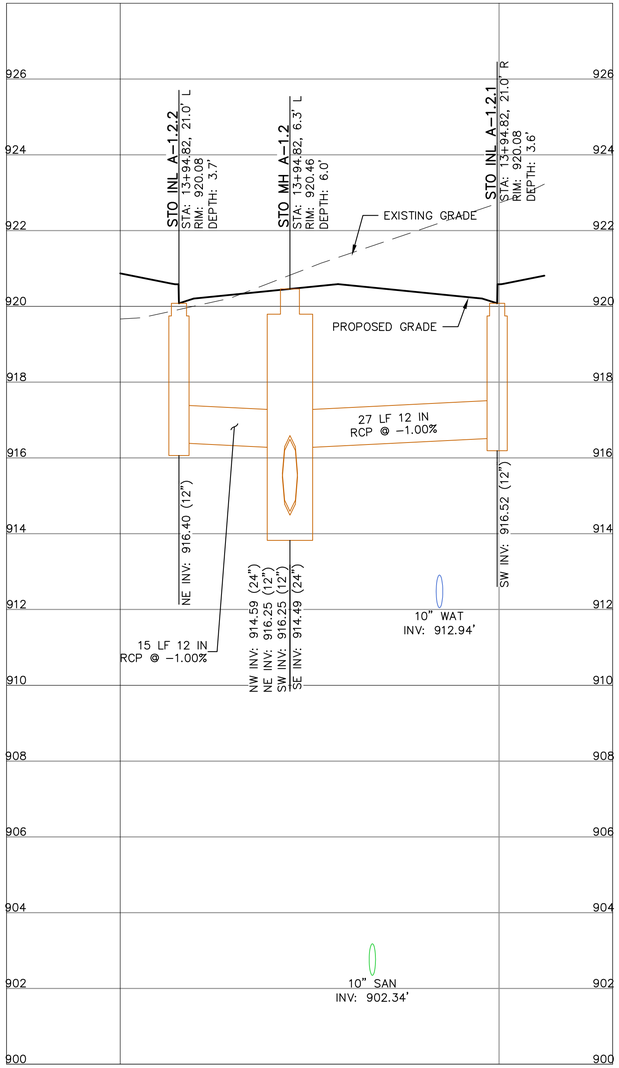
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C13.0

JSD PROJECT NO: 15-7018

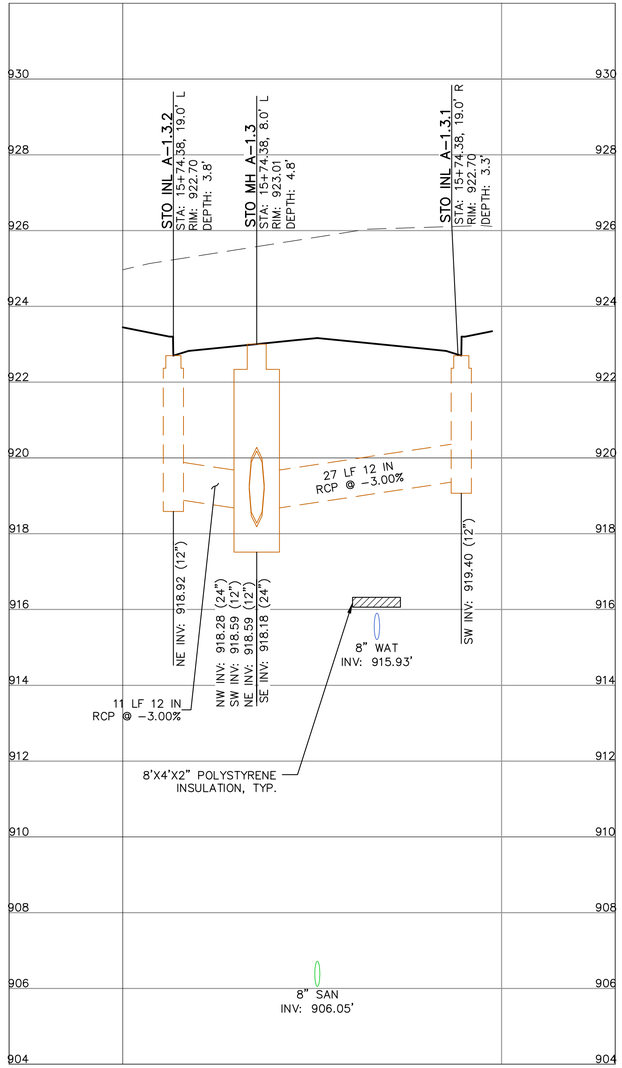
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JACKSON ST STA: 13+95

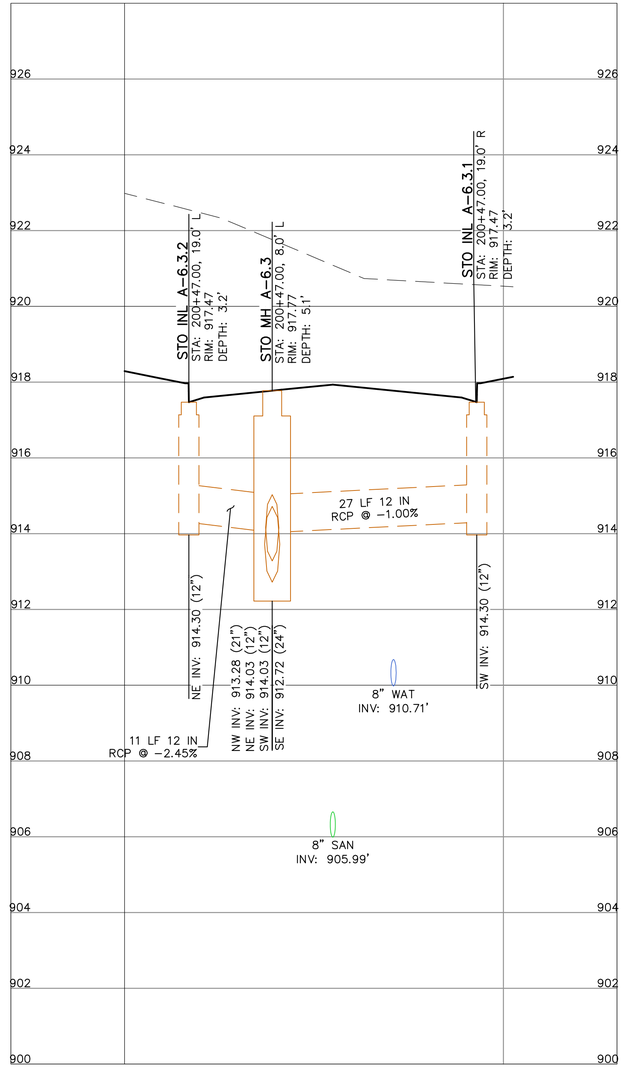


JACKSON ST STA: 15+74

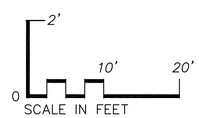


NOTE:
MANHOLE STO A-6.3 TO BE INSTALLED.
INSTALL ONE PIPE LENGTH, CAP AND SEAL.
TO BE EXTENDED IN FUTURE PHASES.

OSLO RUN STA: 200+47



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



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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:
STORM SEWER INLET PROFILES

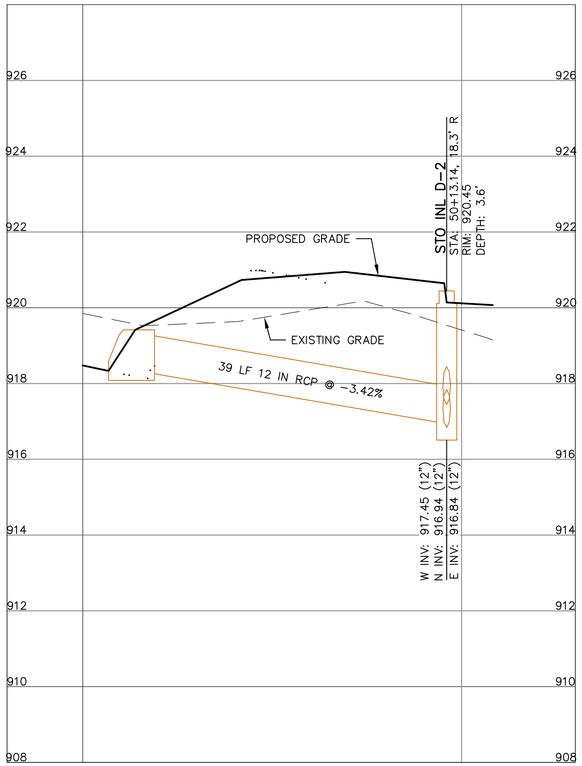
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JSD PROJECT NO: 15-7018

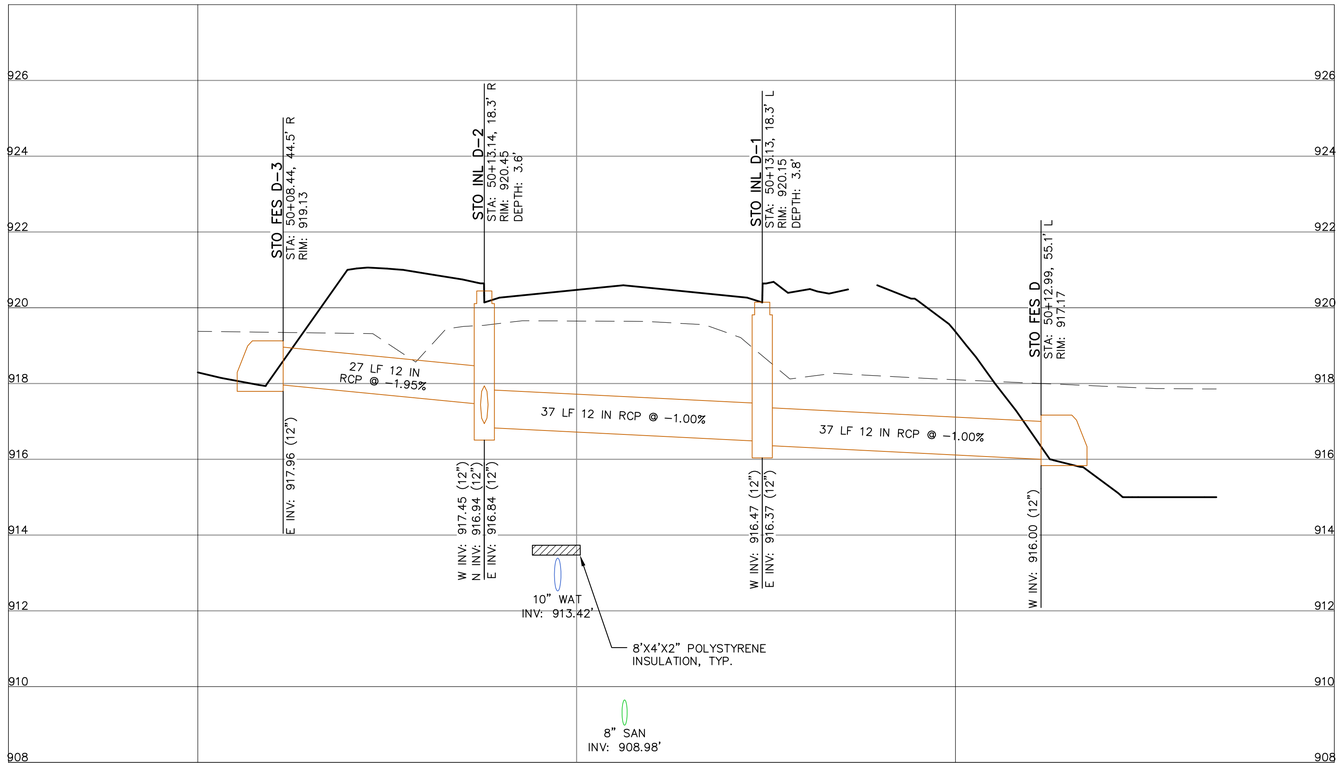
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OAK OPENING STA: 49+76



OAK OPENING STA: 50+13



2' 0 10' 20'
SCALE IN FEET

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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:
STORM SEWER INLET PROFILES

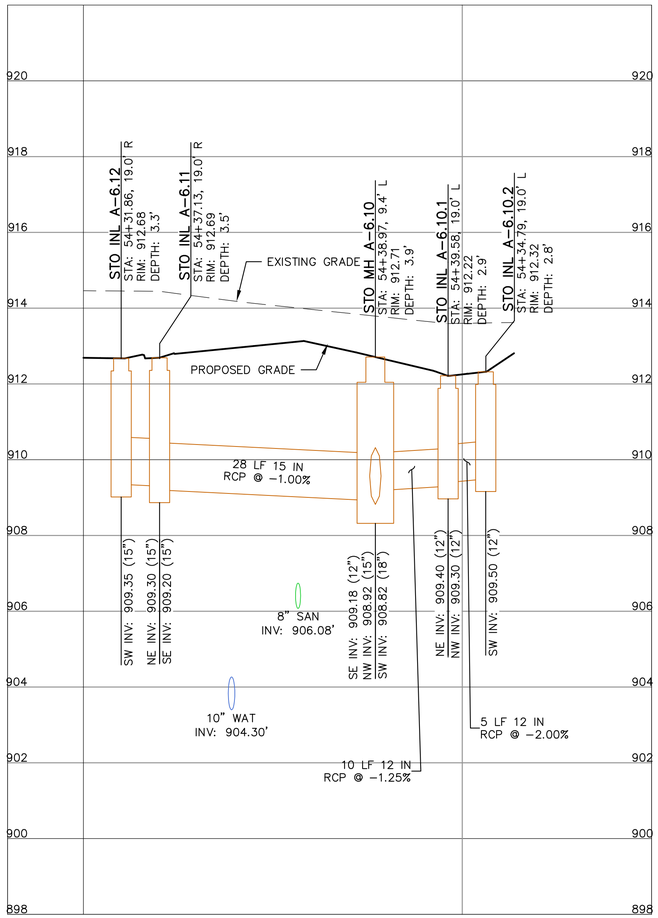
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JSD PROJECT NO: 15-7018

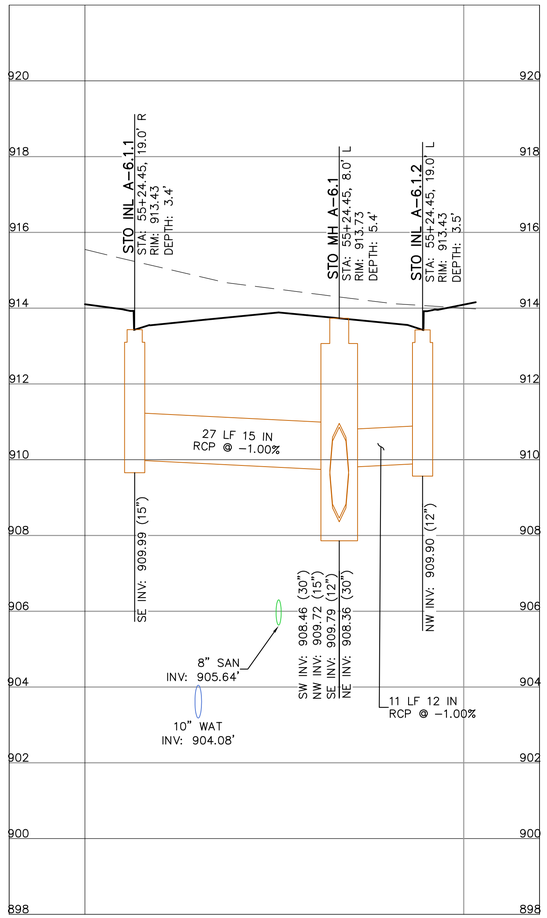
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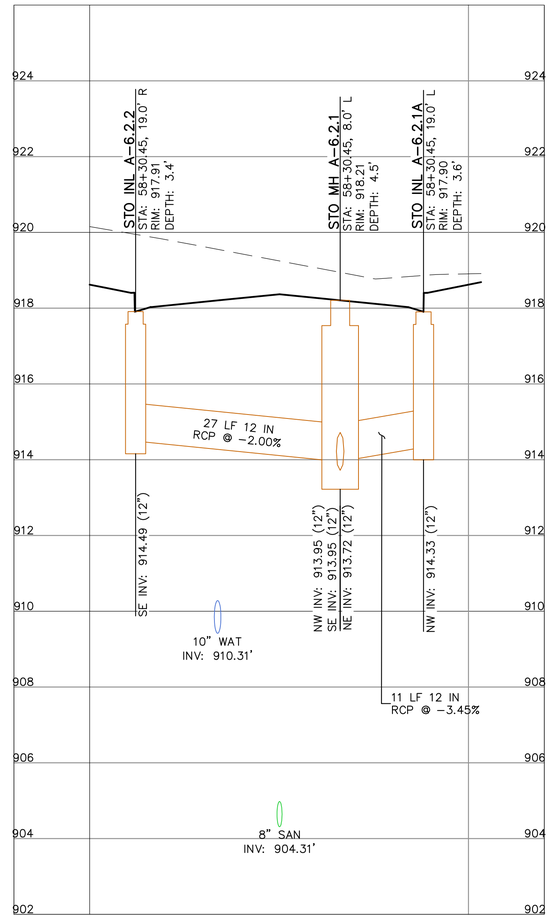
OAK OPENING STA: 54+39

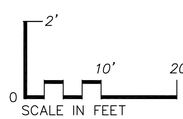


OAK OPENING STA: 55+24



OAK OPENING STA: 58+30





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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:
STORM SEWER INLET PROFILES

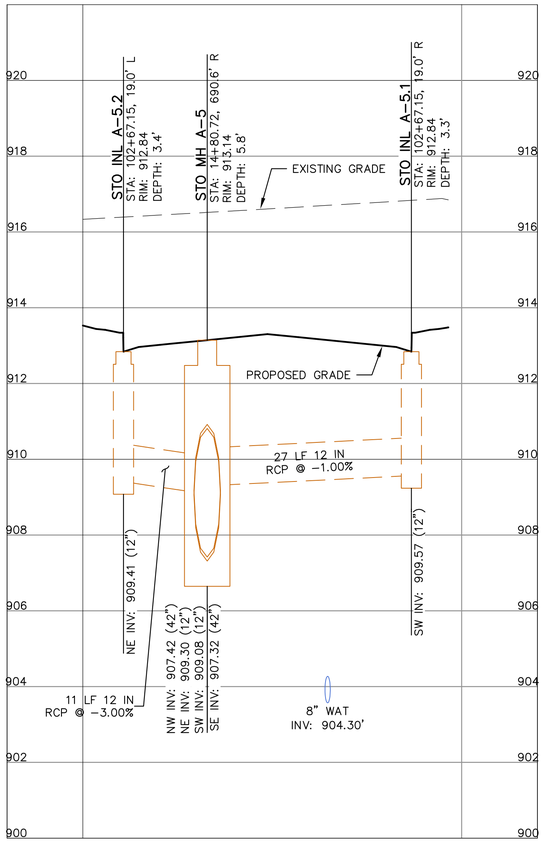
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C13.3

JSD PROJECT NO: 15-7018

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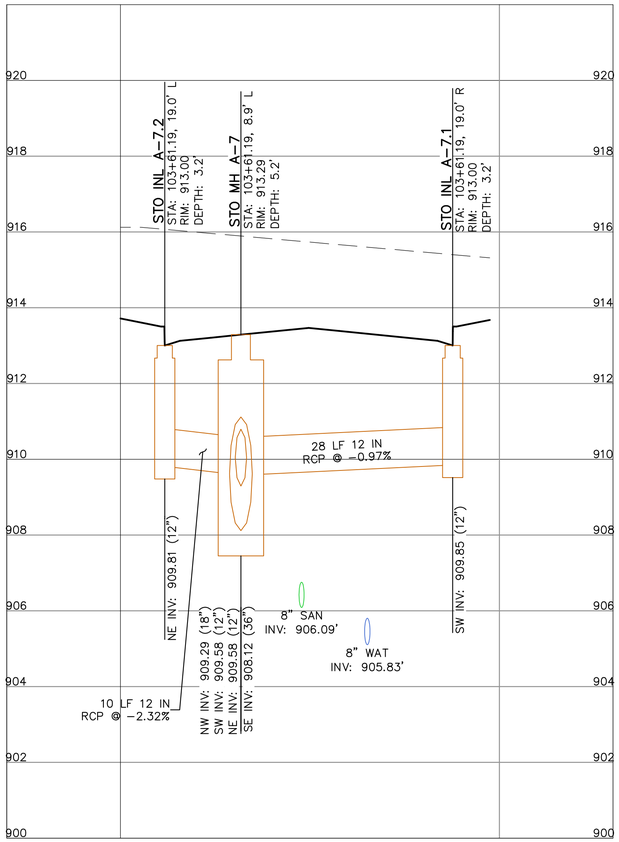
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ASPEN COURT STA: 102+67

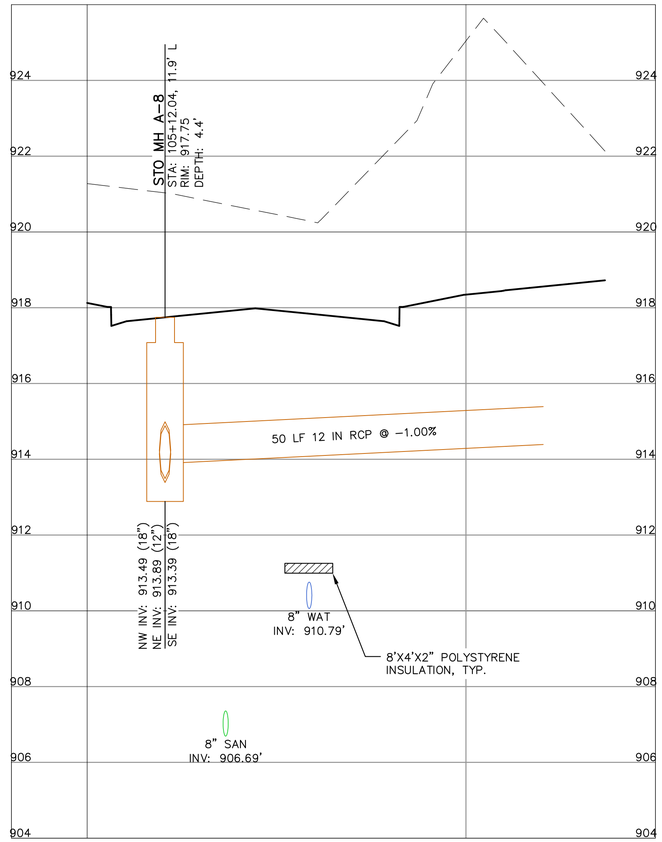


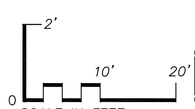
NOTE:
MANHOLE STO A–6.3 TO BE INSTALLED.
INSTALL ONE PIPE LENGTH, CAP AND SEAL.
TO BE EXTENDED IN FUTURE PHASES.

ASPEN TRAIL STA: 103+61



ASPEN TRAIL STA: 105+12





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CLIENT:
FDG

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
2	05.28.19	F-PLAT COMMENT RESPONSE
3		
4		
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15		

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

SHEET TITLE:
STORM SEWER INLET PROFILES

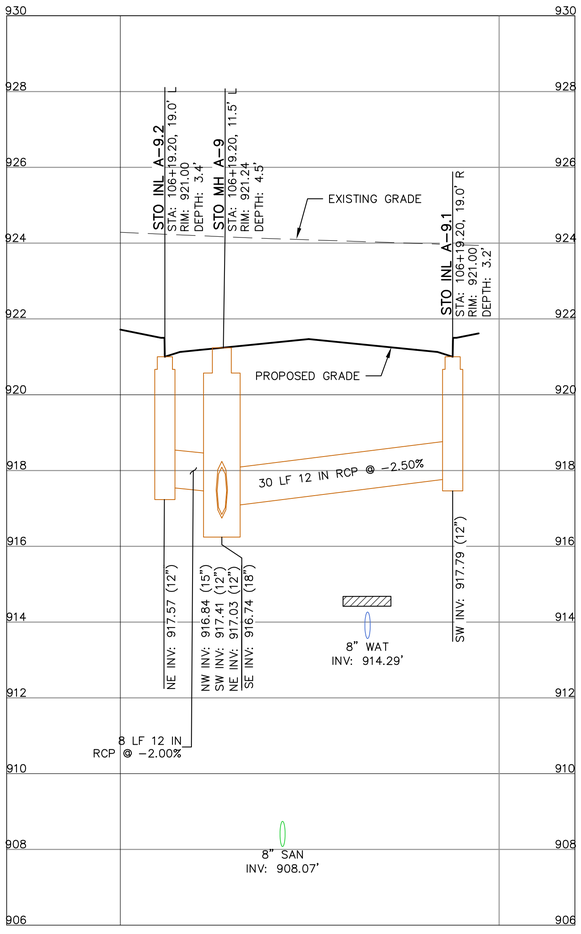
SHEET NUMBER:
C13.4

JSD PROJECT NO: 15-7018

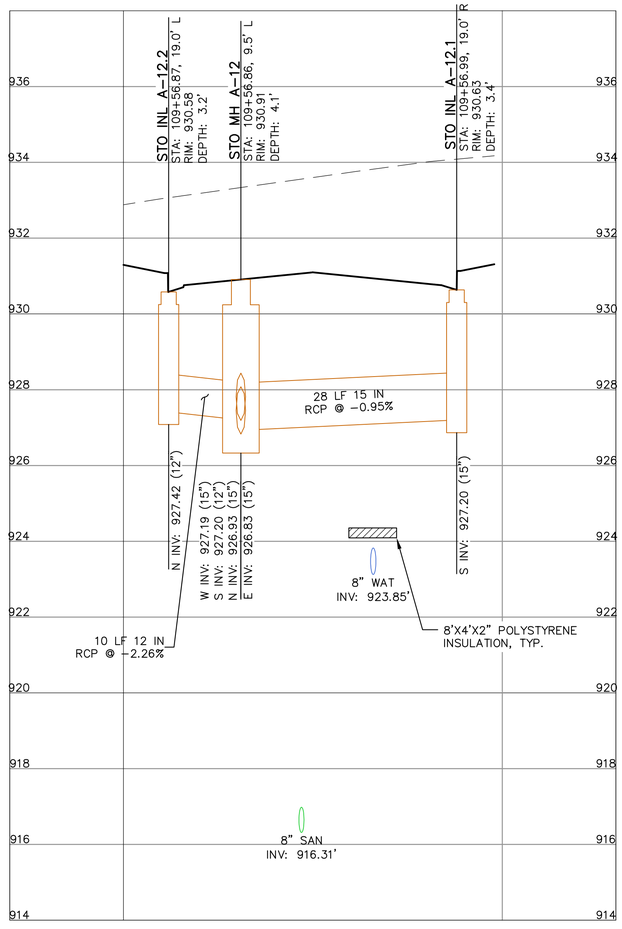
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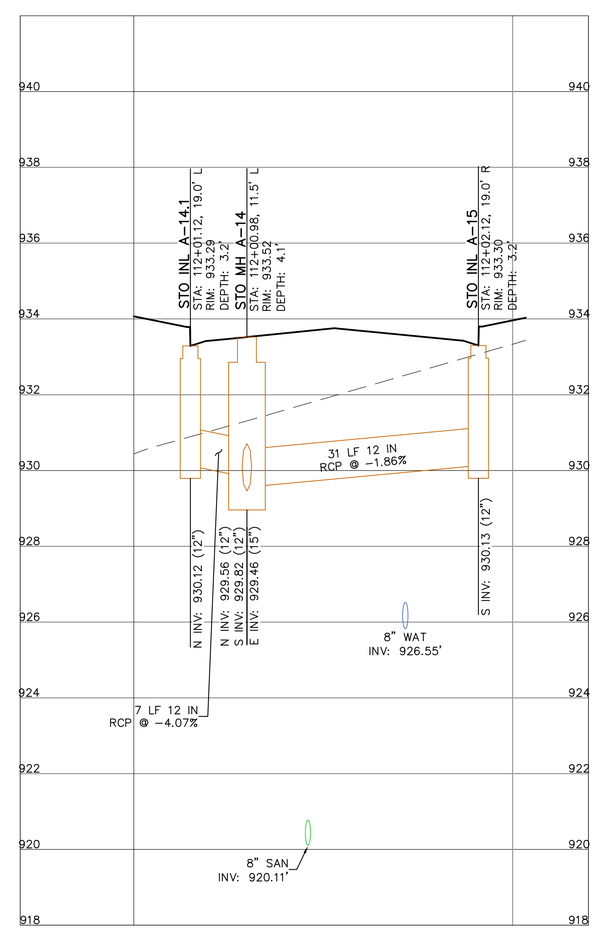
ASPEN TRAIL STA: 106+19

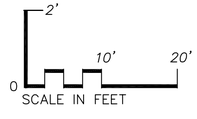


ASPEN TRAIL STA: 109+57



ASPEN TRAIL STA: 112+01





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

SHEET TITLE:
STORM SEWER INLET PROFILES

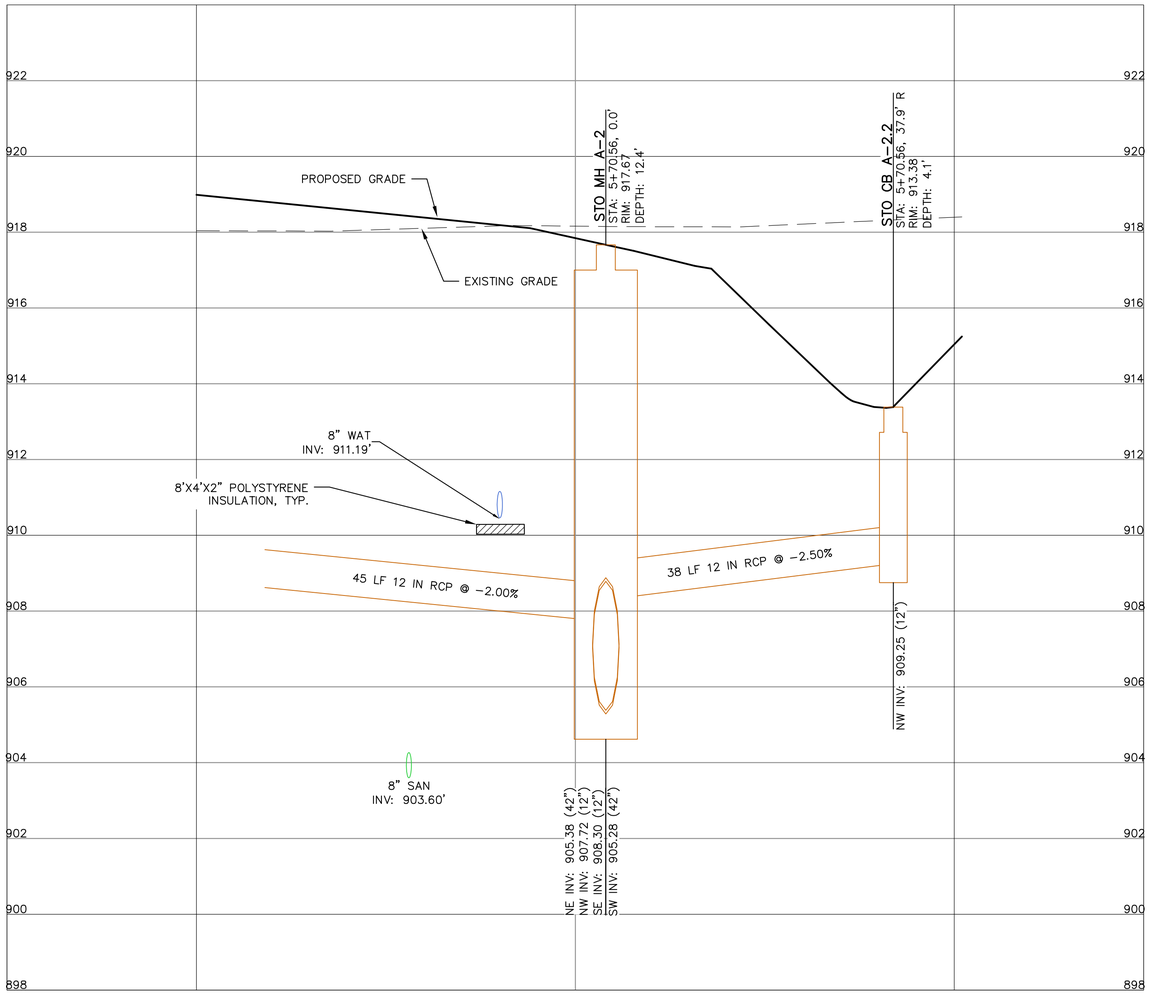
SHEET NUMBER:
C13.5

JSD PROJECT NO: 15-7018

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JACKSON ST TO ASPEN COURT - STO MH A-2



0 2' 10' 20'
SCALE IN FEET

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PROJECT:
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15		

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

SHEET TITLE:
STORM SEWER INLET PROFILES

SHEET NUMBER:
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