

Madison, Wisconsin

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CITY OF MADISON
CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
PLAN OF PROPOSED IMPROVEMENT

SSM FISH HATCHERY ROAD CLINIC & CSM

SANITARY SEWER PLAN ONLY

CITY PROJECT NO. 12948
CONTRACT NO. 8894

PROJECT
LOCATION



PUBLIC IMPROVEMENT PROJECT
APPROVED

APPROVED DATE

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

City Engineer

Date

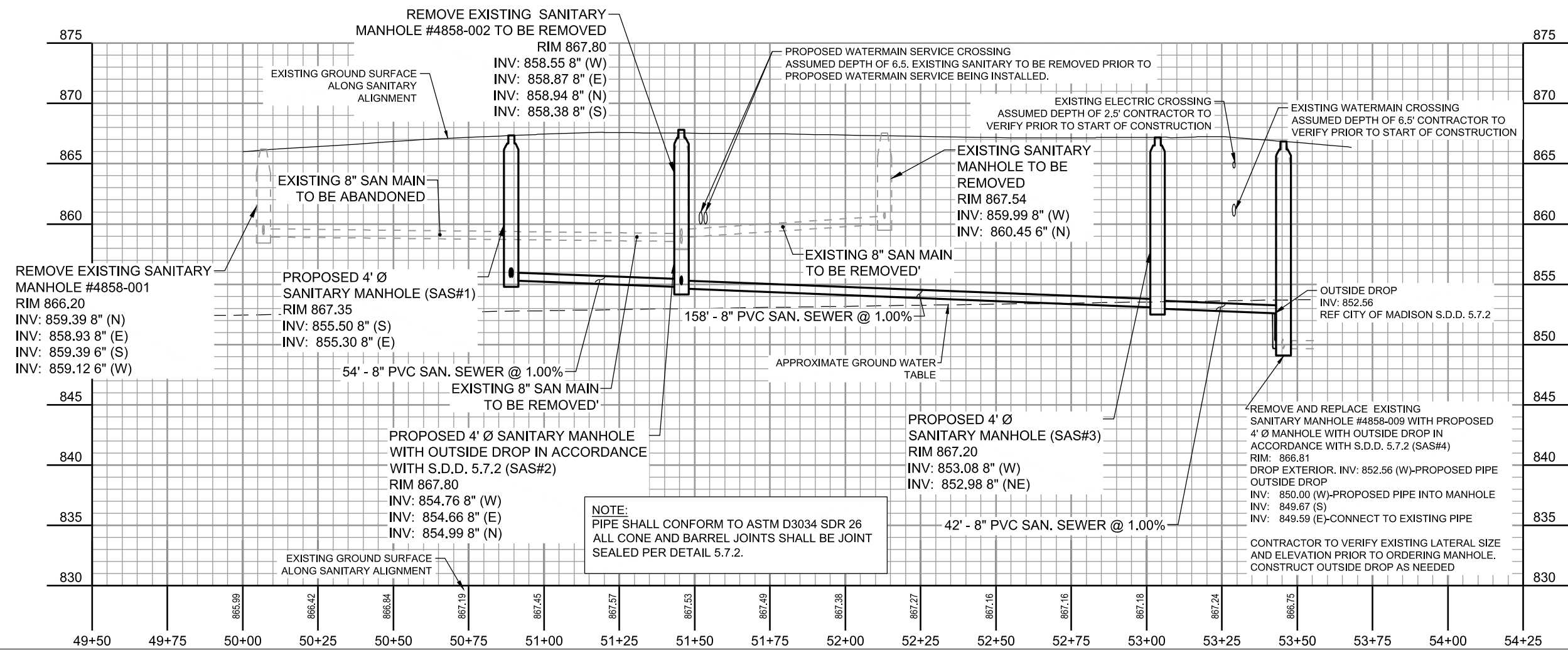
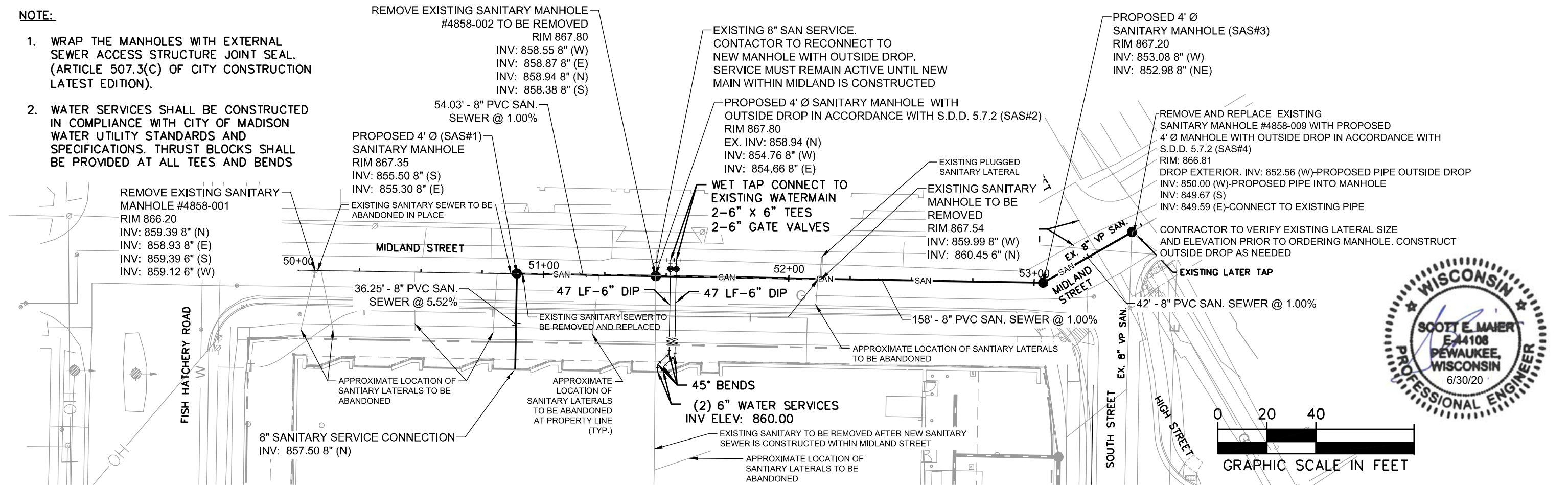
SANITARY SEWER
DESIGNED BY:

SEE INDIVIDUAL
SHEETS FOR P.E.
STAMP &
SIGNATURE

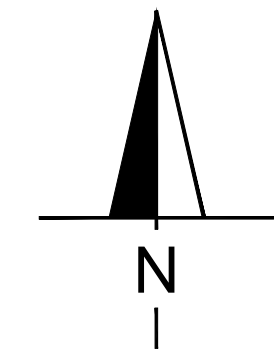
Rev. by Dev.. Engineer 6/30/20
Issued by City 7/8/20

NOTE:

1. WRAP THE MANHOLES WITH EXTERNAL SEWER ACCESS STRUCTURE JOINT SEAL. (ARTICLE 507.3(C) OF CITY CONSTRUCTION LATEST EDITION).
2. WATER SERVICES SHALL BE CONSTRUCTED IN COMPLIANCE WITH CITY OF MADISON WATER UTILITY STANDARDS AND SPECIFICATIONS. THRUST BLOCKS SHALL BE PROVIDED AT ALL TEES AND BENDS



NOTE:
PIPE SHALL CONFORM TO ASTM D3034 SDR 26
ALL CONE AND BARREL JOINTS SHALL BE JOINT
SEALED PER DETAIL 5.7.2.



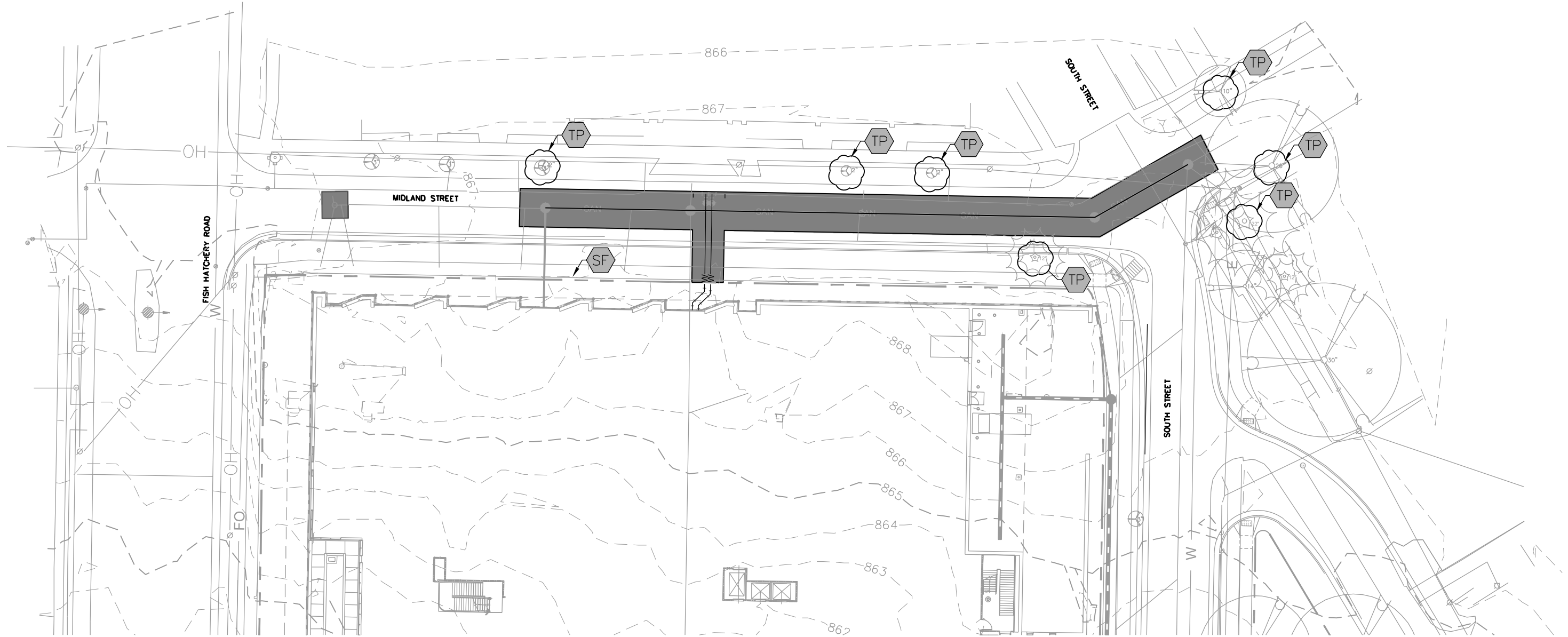
SSM - FISH HATCHERY
SANITARY AND WATER
PLAN AND PROFILE

AYRES NO: 24-0329

**SANITARY
SEWER PLAN
AND PROFILE**

DATE: MARCH 31, 2020
REV#1 JUNE 30, 2020 (SEM)

S1.0



RESTORATION LEGEND

--- 490 ---

EXISTING CONTOUR

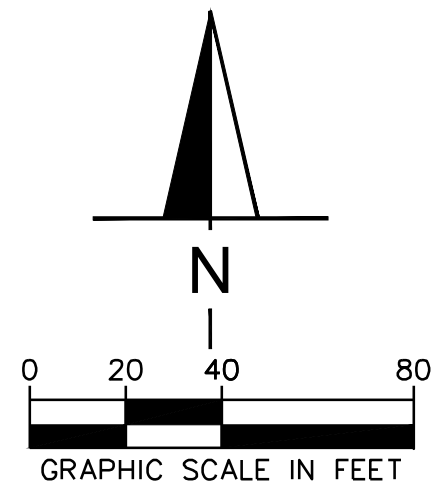
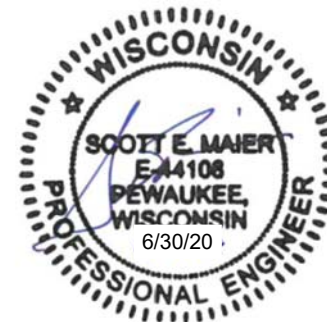


TREE PROTECTION



TRENCH PATCH TYPE III 2" UPPER LAYER 4LT 58-28 S,
2.5" LOWER LAYER 3LT 58-28 S.

TERRACE AND SIDEWALK RESTORATION SHALL BE
REPLACED WITH SAME SECTION UNLESS CITY HAS ISSUED
MIDLAND ST. ROADWAY IMPROVEMENT PLANS PRIOR TO
RESTORATION.



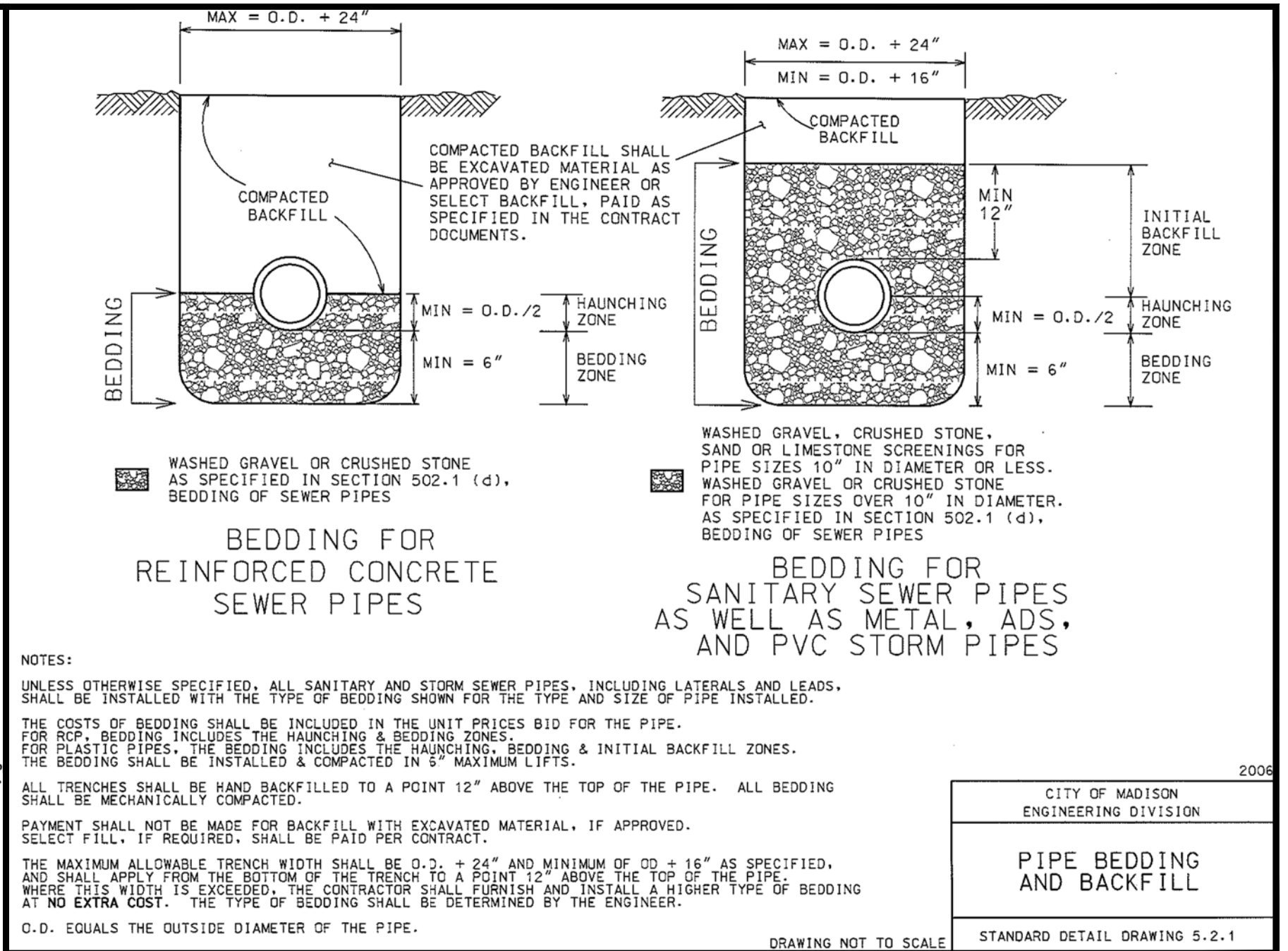
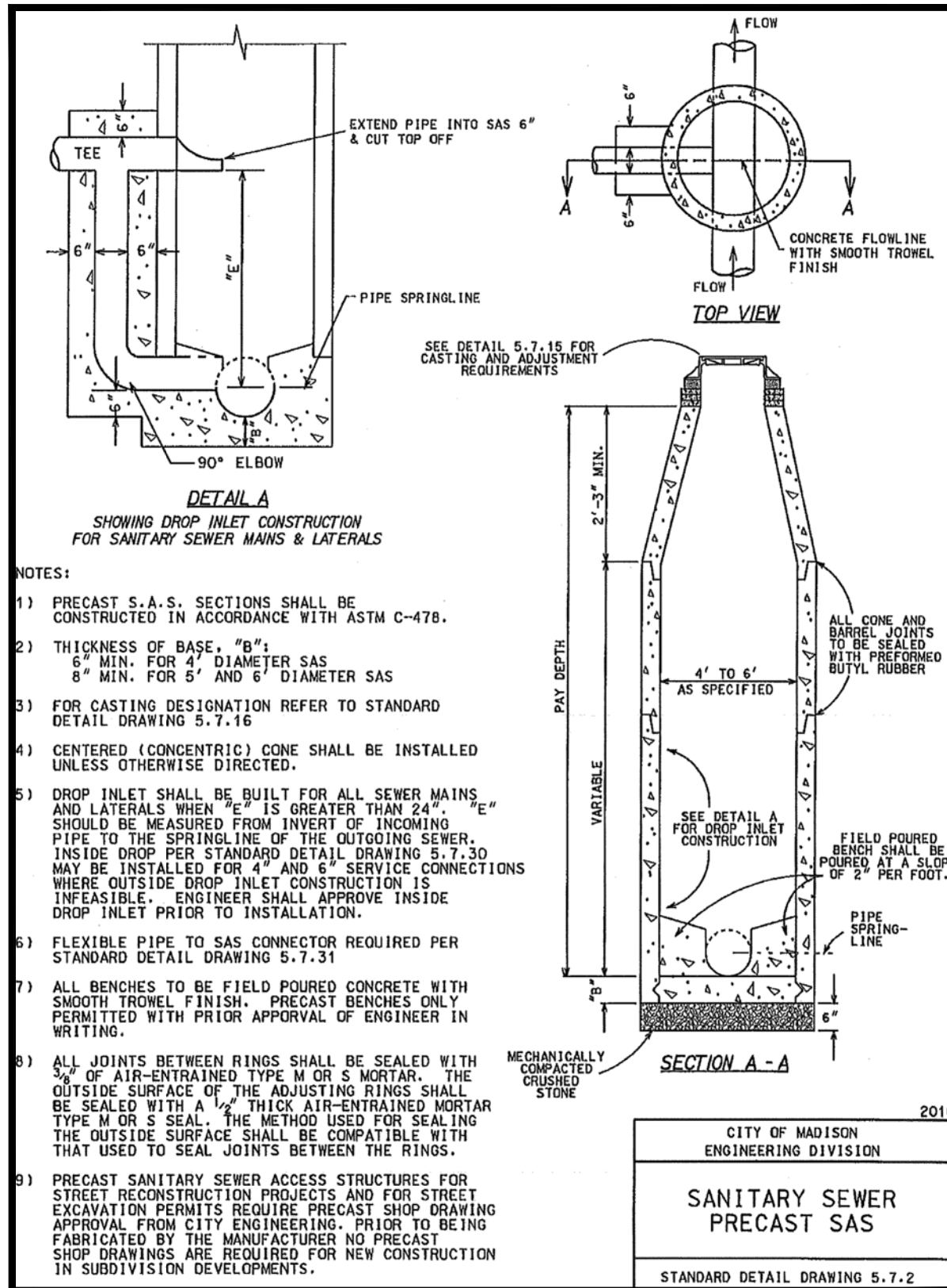
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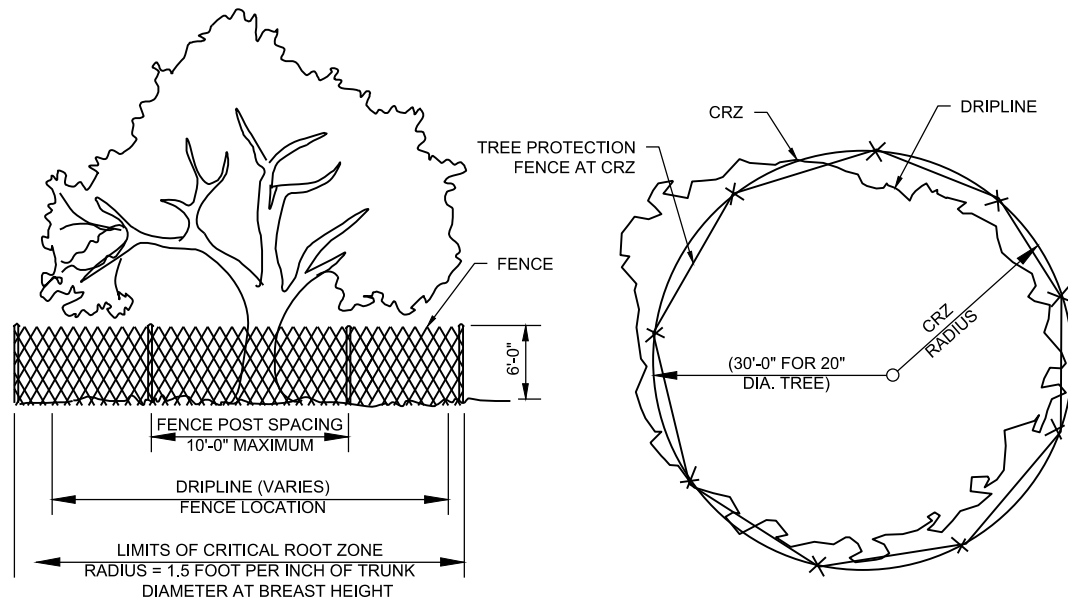
SANITARY SEWER DETAILS

DATE: MARCH 31, 2020
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S2.0

NOTE:

1. TREE PROTECTION FENCING SHALL EXTEND TO THE TREE DRIPLINE OR CRITICAL ROOT ZONE, WHICHEVER IS LARGER.



1 TREE PROTECTION
NTS

EROSION CONTROL NOTES

SITE GENERAL NOTES

1. CONSTRUCTION ENTRANCE SHALL BE LOCATED SO AS TO PROVIDE THE LEAST AMOUNT OF DISTURBANCE TO THE FLOW OF TRAFFIC IN AND OUT OF THE SITE. ADDITIONALLY, CONSTRUCTION ENTRANCE SHALL BE LOCATED TO COINCIDE WITH THE PHASING OF THE PAVEMENT REPLACEMENT.
2. TEMPORARY AND PERMANENT STABILIZATION PRACTICES AND BMP'S SHALL BE INSTALLED AT THE EARLIEST POSSIBLE TIME DURING THE CONSTRUCTION SEQUENCE. OTHER BWP'S SHALL BE INSTALLED AS SOON AS PRACTICABLE AND SHALL BE MAINTAINED UNTIL FINAL SITE STABILIZATION IS ATTAINED. CONTRACTOR SHALL ALSO REFERENCE CIVIL AND LANDSCAPE PLANS SINCE PERMANENT STABILIZATION IS PROVIDED BY LANDSCAPING, THE BUILDING(S) AND SITE PAVING.
3. BMP'S HAVE BEEN LOCATED AS INDICATED ON THIS PLAN IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES IN ORDER TO MINIMIZE SEDIMENT TRANSFER.
4. THE PLACEMENT OF EROSION/SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH THIS PLAN.
5. ANY MAJOR VARIATION IN MATERIALS OR LOCATIONS OF CONTROLS OF FENCES FROM THOSE SHOWN ON THE APPROVED PLANS WILL REQUIRE A REVISION AND MUST BE APPROVED BY THE REVIEWING ENGINEER, ENVIRONMENTAL SPECIALIST, OR ARBORIST AS APPROPRIATE. MAJOR REVISIONS MUST BE APPROVED BY THE PLANNING AND DEVELOPMENT DEPARTMENT AND THE DRAINAGE UTILITY DEPARTMENT. MINOR CHANGES OR ADDITIONAL CONTROL MEASURES TO BE MADE AS FIELD REVISIONS TO THE EROSION AND SEDIMENTATION CONTROL PLAN MAY BE REQUIRED BY THE ENVIRONMENTAL INSPECTOR DURING THE COURSE OF CONSTRUCTION TO CORRECT CONTROL INADEQUACIES AT NO ADDITIONAL COST TO THE OWNER.
6. PUMPING SEDIMENT LADEN WATER INTO ANY STORMWATER FACILITY THAT IS NOT DESIGNATED TO BE A SEDIMENT TRAP, DRAINAGEWAY, OR OFFSITE AREA EITHER DIRECTLY OR INDIRECTLY WITHOUT FILTRATION IS PROHIBITED
7. SOIL STOCKPILES SHALL NOT BE LOCATED IN A DRAINAGEWAY, FLOOD PLAIN AREA OR A DESIGNATED BUFFER, UNLESS OTHERWISE APPROVED, UNDER SPECIFIC CONDITIONS TO BE ESTABLISHED BY THE DIRECTOR OR ADMINISTRATOR.

UTILITY NOTES

1. CONTRACTOR SHALL COORDINATE ANY DISRUPTIONS TO EXISTING UTILITY SERVICES WITH ADJACENT PROPERTY OWNERS.
2. ALL ELECTRIC AND TELEPHONE EXTENSIONS, INCLUDING SERVICE LINES, SHALL BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. ALL UTILITY DISCONNECTIONS SHALL BE COORDINATED WITH THE DESIGNATED UTILITY COMPANIES.
3. CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED BY THE ENGINEER FROM THE APPROPRIATE GOVERNING AUTHORITY AND CONTRACTOR HAS BEEN NOTIFIED BY THE ENGINEER.
4. CONTRACTOR TO CALL "DIGGERS HOTLINE" (1-800-242-8511) TO COORDINATE FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES BEFORE ORDERING MATERIALS OR COMMENCING CONSTRUCTION. NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
5. PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OTHER UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM THE ENGINEER AND THE OWNER/DEVELOPER OF ANY CONFLICTS OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 72 HOURS PRIOR TO CONSTRUCTION. THE ENGINEER AND ITS CLIENTS SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION.
6. CONTRACTOR SHALL COMPLY COMPLETELY WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, AND OTHER MEANS OF PROTECTION. THIS IS TO INCLUDE, BUT NOT LIMITED FOR ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH PERFORMANCE CRITERIA AS REQUIRED OSHA.
7. CONTRACTOR TO AVOID DISRUPTION OF ANY ADJACENT TENANTS TRAFFIC OPERATIONS DURING INSTALLATION OF UTILITIES.
8. ALL DIMENSIONS ARE TO CENTERLINE OF PIPE OR CENTER OF MANHOLE UNLESS NOTED OTHERWISE.
9. SEE ARCHITECTURAL AND MEP PLANS FOR EXACT UTILITY CONNECTION LOCATIONS AT BUILDING.
10. UTILITY CONTRACTOR SHALL OBTAIN A CONNECTION AND EXCAVATION PERMIT, PRIOR TO COMMENCING ANY TTILITY CONSTRUCTION.
11. ANY DEWATERING REQUIRES A DEWATERING PERMIT.
12. EXACT LOCATION OF DRY UTILITIES SHOULD BE FIELD VERIFIED BY CONTRACTOR. FOR THE PURPOSE OF THIS EXHIBIT AN ASSUMED BURIED DEPTH OF 30" WAS USED.
13. EXACT LOCATION OF WATERMAIN SHOULD BE FIELD VERIFIED BY CONTRACTOR. FOR THE PURPOSE OF THIS EXHIBIT AN ASSUMED BURIED DEPTH OF 6.5' WAS USED UNLESS OTHERWISE NOTED. MAINTAIN 18" OF SEPARATION BETWEEN SANITARY SEWER AND WATERMAIN.



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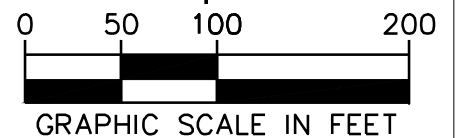
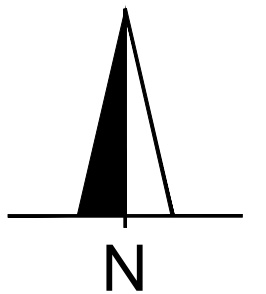
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KEY NOTES

SANITARY SEWER SERVICE REMOVAL.
CONTRACTOR TO OBTAIN SANITARY
SERVICE REMOVAL PERMIT FROM CITY OF
MADISON



GRAPHIC SCALE IN FEET

SSM - FISH HATCHERY
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SANITARY DEMOLITION PLAN

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