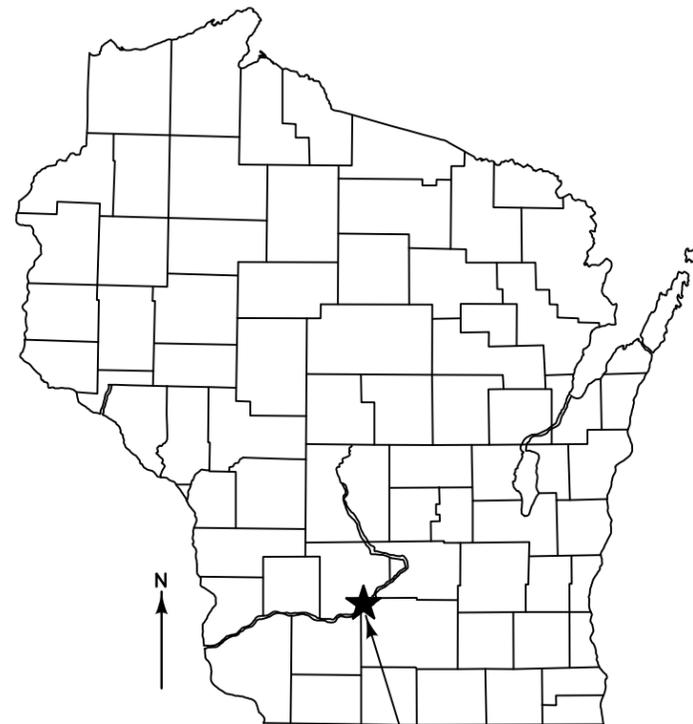


DOWNTOWN RIVERFRONT PARK AND PARKING LOT IMPROVEMENTS

FOR THE VILLAGE OF PRAIRIE DU SAC SAUK COUNTY, WISCONSIN JANUARY, 2020

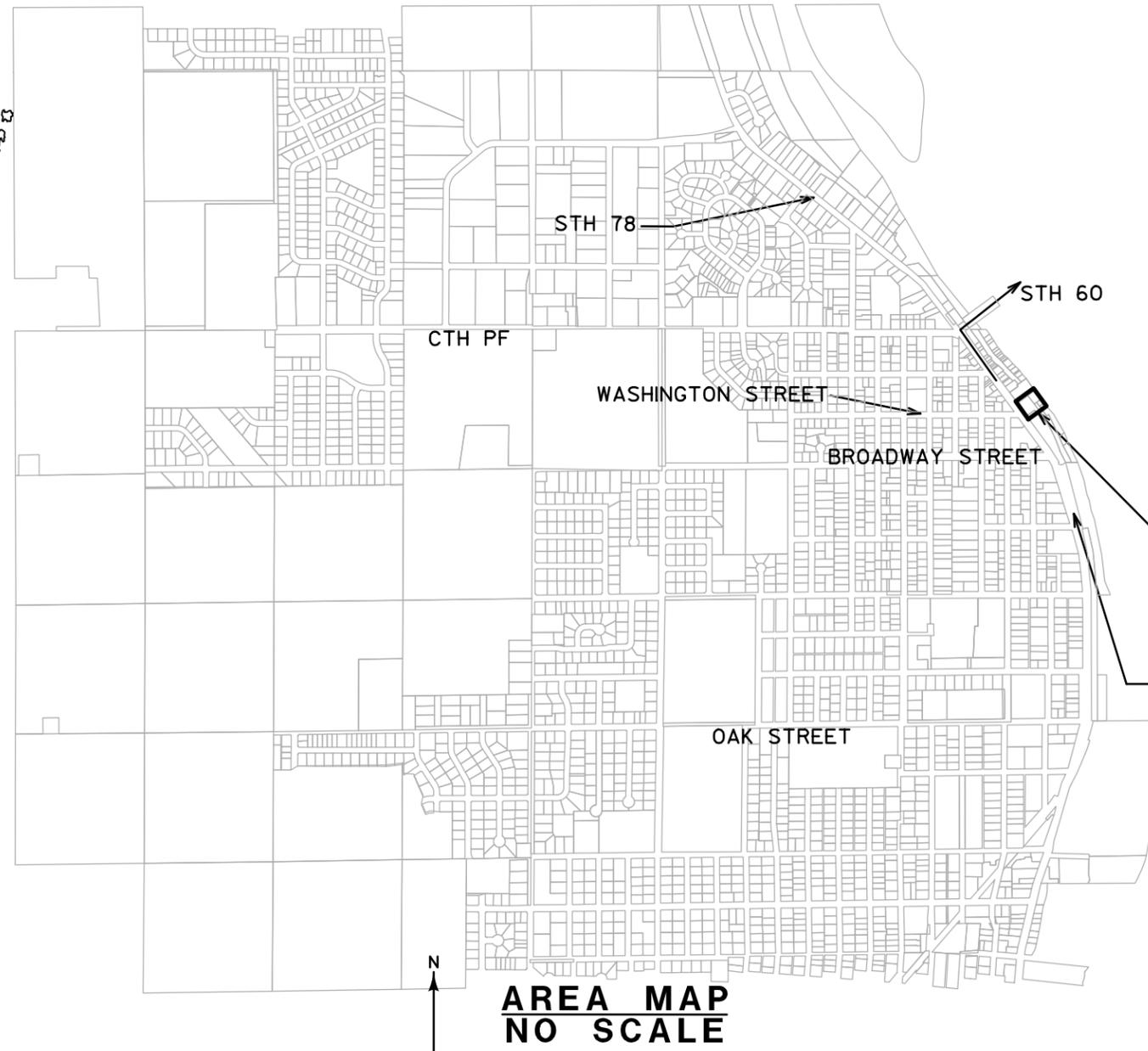
CONSTRUCTION SET

ISSUED 8/20/2020



VILLAGE OF
PRAIRIE DU SAC

PROJECT LOCATION
NO SCALE



AREA MAP
NO SCALE

LIST OF DRAWINGS

<u>SHEET NO.</u>	<u>DRAWING TITLE</u>
1	TITLE SHEET
2	PROJECT OVERVIEW
3	STANDARD NOTES AND DETAILS
4	EROSION CONTROL PLAN
5	EROSION CONTROL DETAILS
6	PARKING LOT SITE/GRADING PLAN
7	PAVEMENT MARKING/SIGNAGE PLAN
8	EAGLE OVERLOOK AND LOWER LEVEL PLAN
9	EAGLE OVERLOOK DECK PLAN
10	EAGLE OVERLOOK DECK DETAILS
11	SHELTER PLANS AND DETAILS
12	RIVER WALKWAY AND VIEWING PLATFORM - PLAN AND DETAILS
13	RETAINING WALL - PLAN AND PROFILE
14	RETAINING WALL - DETAILS - 1
15	RETAINING WALL - DETAILS - 2
16	STAIR DETAILS
17	STRUCTURAL DETAILS - 1
18	STRUCTURAL DETAILS - 2
19	LANDSCAPING PLAN
20	LANDSCAPING NOTES

PROJECT LOCATION
LIBRARY SITE DESIGN

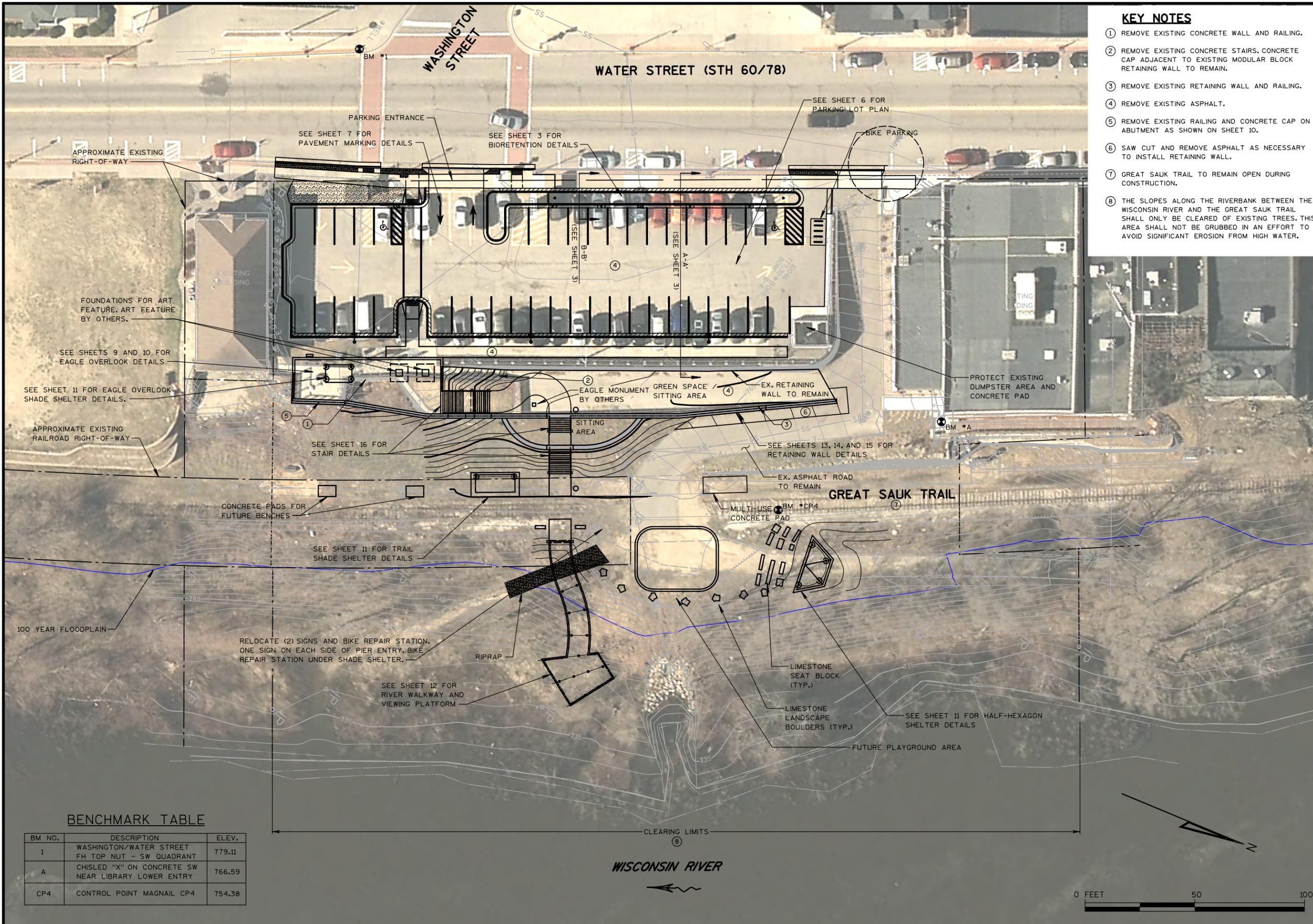
STH 60/78

910 West Wingra Drive
Madison, WI 53715
608-251-4843
608-251-8655 fax
www.strand.com

CONTRACT NO. 2-2019



SHEET
1
JOB NO. 1381.062



- ### KEY NOTES
- ① REMOVE EXISTING CONCRETE WALL AND RAILING.
 - ② REMOVE EXISTING CONCRETE STAIRS. CONCRETE CAP ADJACENT TO EXISTING MODULAR BLOCK RETAINING WALL TO REMAIN.
 - ③ REMOVE EXISTING RETAINING WALL AND RAILING.
 - ④ REMOVE EXISTING ASPHALT.
 - ⑤ REMOVE EXISTING RAILING AND CONCRETE CAP ON ABUTMENT AS SHOWN ON SHEET 10.
 - ⑥ SAW CUT AND REMOVE ASPHALT AS NECESSARY TO INSTALL RETAINING WALL.
 - ⑦ GREAT SAUK TRAIL TO REMAIN OPEN DURING CONSTRUCTION.
 - ⑧ THE SLOPES ALONG THE RIVERBANK BETWEEN THE WISCONSIN RIVER AND THE GREAT SAUK TRAIL SHALL ONLY BE CLEARED OF EXISTING TREES. THIS AREA SHALL NOT BE GRUBBED IN AN EFFORT TO AVOID SIGNIFICANT EROSION FROM HIGH WATER.

NO.	REVISIONS	DATE
1	ISSUED FOR BID	1/30/20
2	BENCHMARK EDITS	8/20/20

PROJECT OVERVIEW

DOWNTOWN RIVERFRONT PARK AND PARKING LOT IMPROVEMENTS
VILLAGE OF PRAIRIE DU SAC
SAUK COUNTY, WISCONSIN

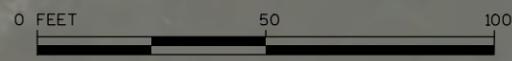
JOB NO.
1381.062
PROJECT MGR.
TGS



SHEET
2

BENCHMARK TABLE

BM NO.	DESCRIPTION	ELEV.
1	WASHINGTON/WATER STREET FH TOP NUT - SW QUADRANT	779.11
A	CHISEL "X" ON CONCRETE SW NEAR LIBRARY LOWER ENTRY	766.59
CP4	CONTROL POINT MAGNAIL CP4	754.38



STANDARD SYMBOLS

---	TEMPORARY EASEMENT		PAVED ROAD
---	PROPERTY LINE AND/OR RIGHT OF WAY		EXISTING CULVERT
	SOIL BORING		UNDERGROUND CONFLICT
	BENCH MARK		FORCE MAIN
	PROPERTY STAKE		WATER MAIN
	IRON PIPE		STORM SEWER
	INLET		SANITARY SEWER
	CURB WATER BOX		EXISTING SANITARY SEWER AND MANHOLE
	ROAD SIGN		TELEPHONE OR TV CABLE
	PRIVATE WELL		FIBER OPTIC CABLE
	EXISTING UTILITY POLE		GAS MAIN
	BURIED TELEPHONE CABLE PEDESTAL SIGN		UNDERGROUND ELECTRIC CABLE
	LIGHT POLE		ORIGINAL GROUND IN PROFILE
	MAIL BOX		FENCE
	OBJECTS TO BE REMOVED		GUARD RAIL
	EXISTING DECIDUOUS TREE		CONTROL POINT
	EXISTING CONIFEROUS TREE		GUY WIRE & ANCHOR
	WETLAND AREA		

GENERAL NOTES

- EASEMENT, EXISTING UTILITIES, PROPERTY LINES, AND R.O.W. LINES SHOWN ARE APPROXIMATE. NOT ALL UTILITY MAINS AND SERVICES ARE SHOWN ON THE DRAWINGS. CONTRACTOR SHALL CONTACT DIGGERS HOTLINE FOR UTILITY LOCATES AND SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATIONS OF THE UTILITY MAINS AND SERVICES DURING CONSTRUCTION.
- ALL NEW AND EXISTING INLETS SHALL HAVE TYPE-D INLET PROTECTION. AT NO TIME SHALL ANY INLET, AS PART OF CONSTRUCTION OR ADJACENT TO CONSTRUCTION BE WITHOUT EROSION FILTER BLANKETS.
- ALL EROSION CONTROL MEASURES AND STRUCTURES SERVING THE SITE MUST BE INSPECTED AT LEAST WEEKLY AND AFTER A RAINFALL OF 1/2-INCH OR MORE WITHIN 24 HOURS. NECESSARY MAINTENANCE SHOULD FOLLOW THE INSPECTIONS WITHIN 24 HOURS.
- ANY SEDIMENT TRACKED ONTO ADJACENT ROADS SHALL BE CLEANED BY STREET SWEEPING (NOT FLUSHED) AT THE END OF EACH WORK DAY.
- DURING CONSTRUCTION ACTIVITIES ON WATER STREET (STH 60/78), CONTRACTOR SHALL PROVIDE SUFFICIENT TRAFFIC CONTROL MEASURES. TRAFFIC CONTROL SHALL COMFORM TO THE STANDARD DETAIL BOUND TO THE BACK OF THE SPECIFICATIONS (TRAFFIC CONTROL, WORK ON SHOULDER OR PARKING LANE, UNDIVIDED ROADWAY).

UTILITY OWNERS

ELECTRIC, WATER, SANITARY, AND STORM
 VILLAGE OF PRAIRIE DU SAC
 335 GALENA ST.
 PRAIRIE DU SAC, WI 53578
 CONTACT: TROY MURPHY
 SHOP: 608-643-4769
 CELL: 608-963-1164
 tmurphy@wpplenergy.org

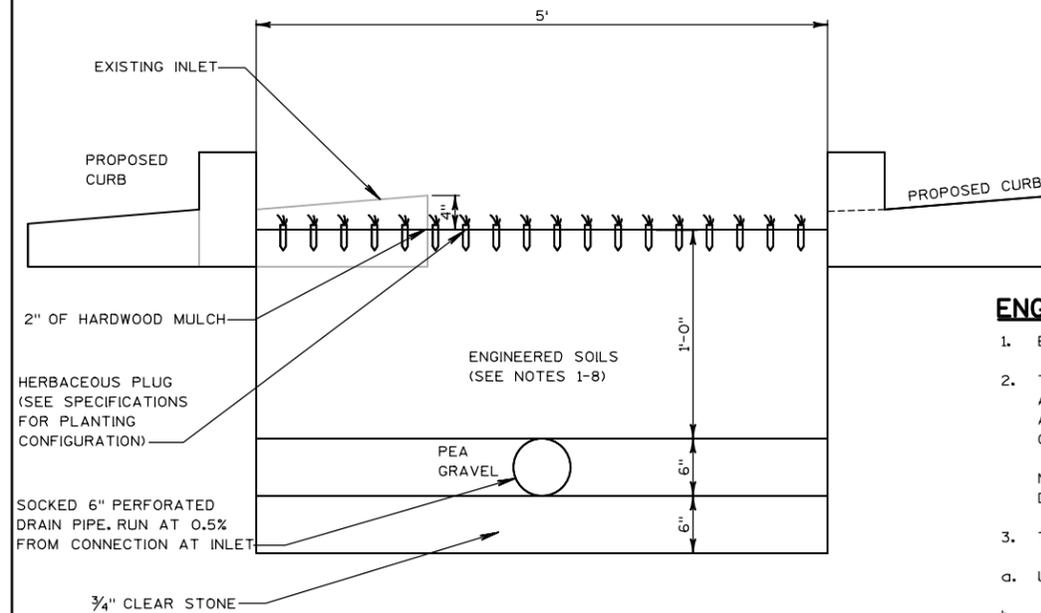
GAS
 ALLIANT ENERGY
 520 COMMERCE AVENUE
 BARABOO, WI 53913
 CONTACT: CHRIS WILHELM
 OFFICE: 608-356-0630
 chrswilhelm@alliantenergy.com

COMMUNICATIONS
 TDS TELECOM
 525 JUNCTION ROAD
 MADISON, WI 53717
 CONTACT: KEVIN MAES
 PHONE: 608-664-4437
 kevin.maes@tdstelecom.com

TELEPHONE
 FRONTIER COMMUNICATIONS
 2222 WEST WISCONSIN ST.
 PORTAGE, WI 53901
 CONTACT: JERRY MOORE
 OFFICE: 608-742-9507
 Jerald.r.moore@ftr.com

TELEVISION
 CHARTER COMMUNICATIONS
 2701 DANIELS STREET
 MADISON, WI 53718
 CONTACT: GLEN JAKUSZ
 PHONE: 608-209-3202
 glen.jakusz@charter.com

DIGGERS HOTLINE
 Dial 811 or (800)242-8511
 www.DiggersHotline.com



BIORETENTION BASIN TYPICAL SECTION (SECTION B-B)
 NTS

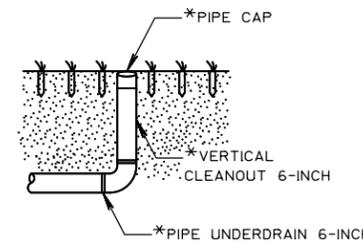
GENERAL NOTES

- REFER TO THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) TECHNICAL STANDARD BIORETENTION FOR INFILTRATION (1004) FOR ADDITIONAL INFORMATION ON CONSTRUCTION SEQUENCING AND OVERSIGHT FOR THE BIORETENTION BASIN.

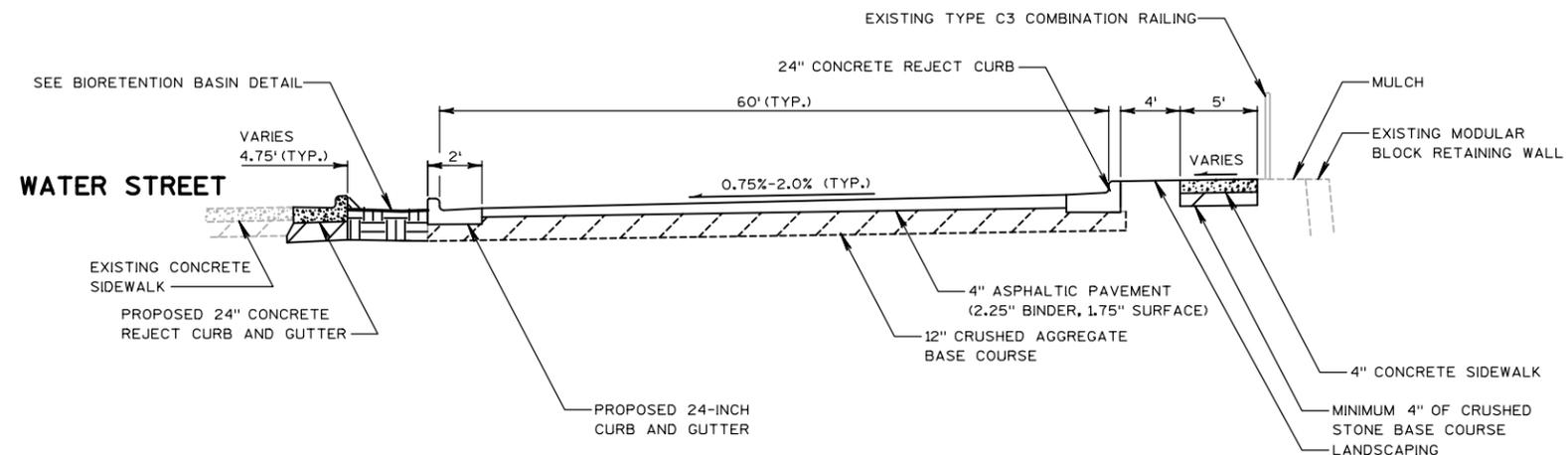
ENGINEERED SOIL NOTES

- ENGINEERED SOIL SHALL ONLY BE USED WITHIN THE THE BASIN.
- THE PLANTING MIXTURE SHALL CONSIST OF A MIXTURE OF 70 TO 85% SAND AND 15 TO 30% COMPOST. THE PERCENTAGES ARE BASED ON VOLUME. SPECIAL ATTENTION SHOULD BE GIVEN TO PLANT SELECTION WHEN THE PERCENTAGE OF SAND EXCEEDS 75%.

 NOTE: THIS MIXTURE MEETS THE EQUIVALENT LEVEL OF PROTECTION AS DETERMINED BY DNR.
- THE SAND SHALL MEET ONE OF THE FOLLOWING GRADATION REQUIREMENTS:
 - USDA COARSE SAND (.02 - .04 INCHES).
 - ASTM C33 (FINE AGGREGATE CONCRETE SAND).
 - WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, SECTION 501.2.5.3.4. (FINE AGGREGATE CONCRETE SAND) CURRENT EDITION, OR AN EQUIVALENT AS APPROVED BY THE ADMINISTERING AUTHORITY.
 - THE PREFERRED SAND COMPONENT CONSISTS OF MOSTLY SiO₂, BUT SAND CONSISTING OF DOLOMITE OR CALCIUM CARBONATE MAY ALSO BE USED. MANUFACTURED SAND OR STONE DUST IS NOT ALLOWED. THE SAND SHALL BE WASHED AND DRAINED TO REMOVE CLAY AND SILT PARTICLES PRIOR TO MIXING.
- THE COMPOST COMPONENT SHALL MEET THE REQUIREMENTS OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES S100, COMPOST.
- THE ENGINEERED SOIL MIX SHALL BE FREE OF ROCKS, STUMPS, ROOTS, BRUSH OR OTHER MATERIAL OVER 1 INCH IN DIAMETER. NO OTHER MATERIAL SHALL BE MIXED WITH THE PLANTING SOIL THAT MAY BE HARMFUL TO PLANT GROWTH OR PROVE A HINDRANCE TO PLANTING OR MAINTENANCE.
- THE ENGINEERED SOIL MIX SHALL HAVE A pH BETWEEN 5.5 AND 8.0.
- THE ENGINEERED SOIL MIX SHALL HAVE ADEQUATE NUTRIENT CONTENT TO MEET PLANT GROWTH REQUIREMENTS.
- THE GRAVEL FOR THE STORAGE LAYER SHALL MEET THE COARSE AGGREGATE #2 AND OTHER SPECIFICATIONS OF WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, SECTION 501.2.5, CURRENT EDITION, OR AN EQUIVALENT AS APPROVED BY THE ADMINISTRATION AUTHORITY. GRAVEL SHALL BE DOUBLE-WASHED.



CLEAN-OUT PORT DETAIL
 NTS



PARKING LOT SECTION A-A (SEE SHEET 2)
 NTS

DATE:	1/30/20								
REVISIONS	ISSUED FOR BID								
NO.	1								

STANDARD NOTES AND DETAILS
 DOWNTOWN RIVERFRONT PARK AND PARKING LOT IMPROVEMENTS
 VILLAGE OF PRAIRIE DU SAC
 SAUK COUNTY, WISCONSIN

JOB NO.
1381.062
 PROJECT MGR.
TGS

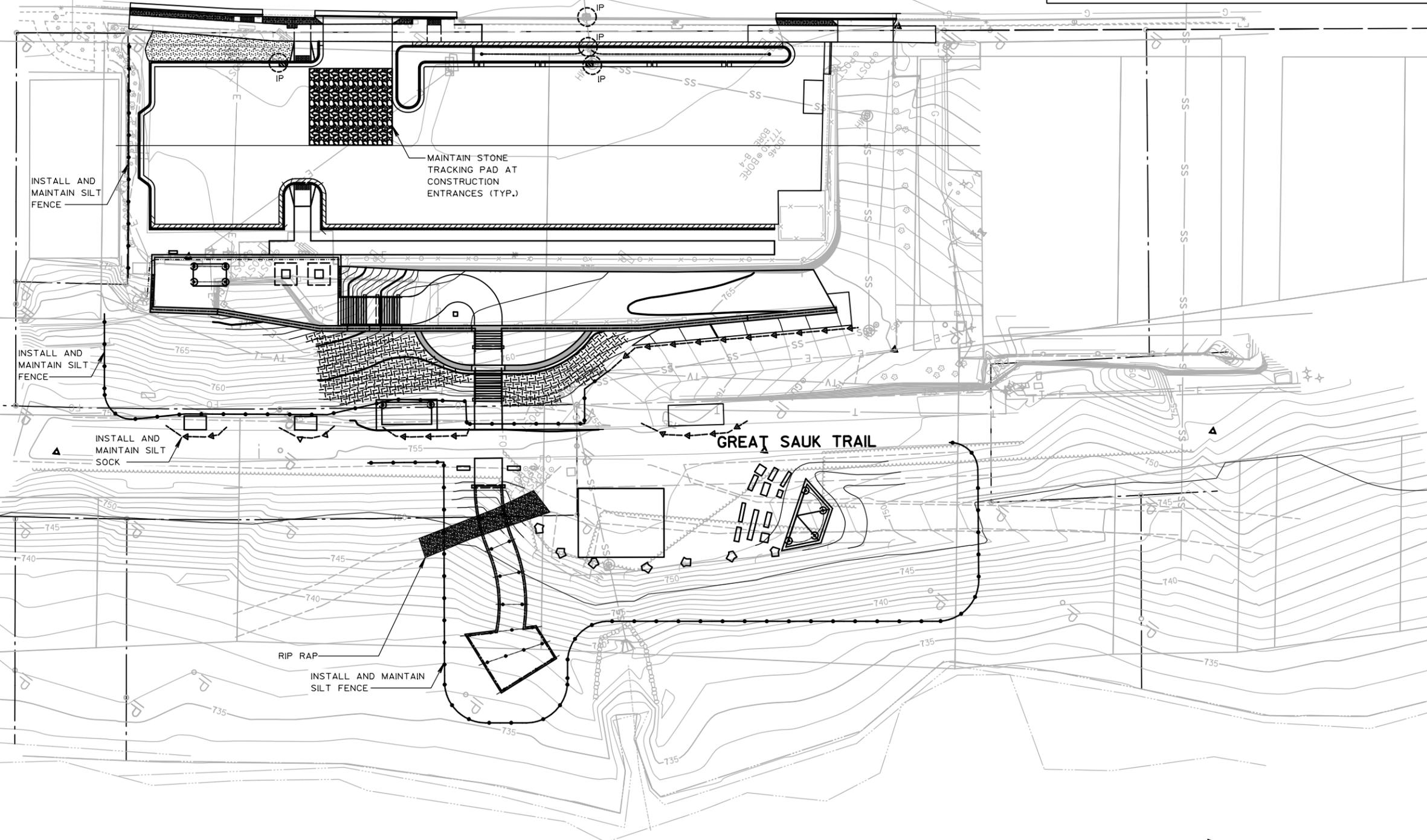


SHEET
3

EROSION CONTROL LEGEND

-  SILT FENCE
-  TYPE D INLET PROTECTION
-  TRACKING PAD
-  SILT SOCK
-  E-MAT (ON ALL SLOPES 4:1 OR GREATER)

WATER STREET (STH 60/78)



NO.	REVISIONS	DATE
1	ISSUED FOR BID	1/30/20

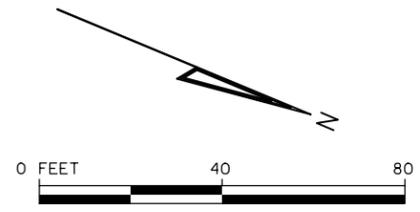
EROSION CONTROL PLAN

DOWNTOWN RIVERFRONT PARK AND PARKING LOT IMPROVEMENTS
 VILLAGE OF PRAIRIE DU SAC
 SAUK COUNTY, WISCONSIN

JOB NO.
1381.062
 PROJECT MGR.
TGS

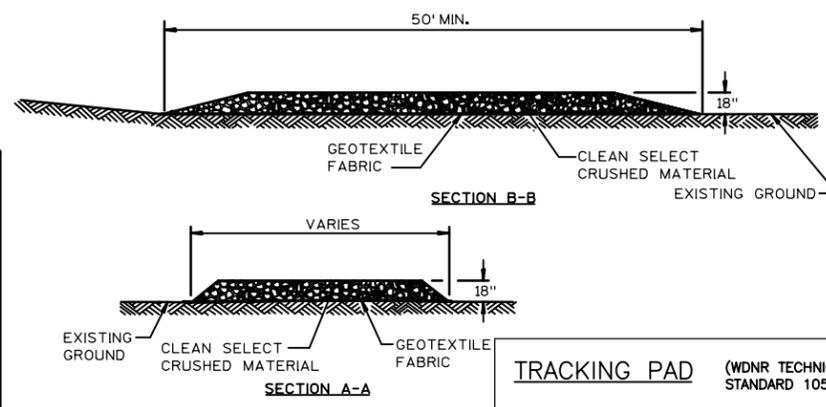
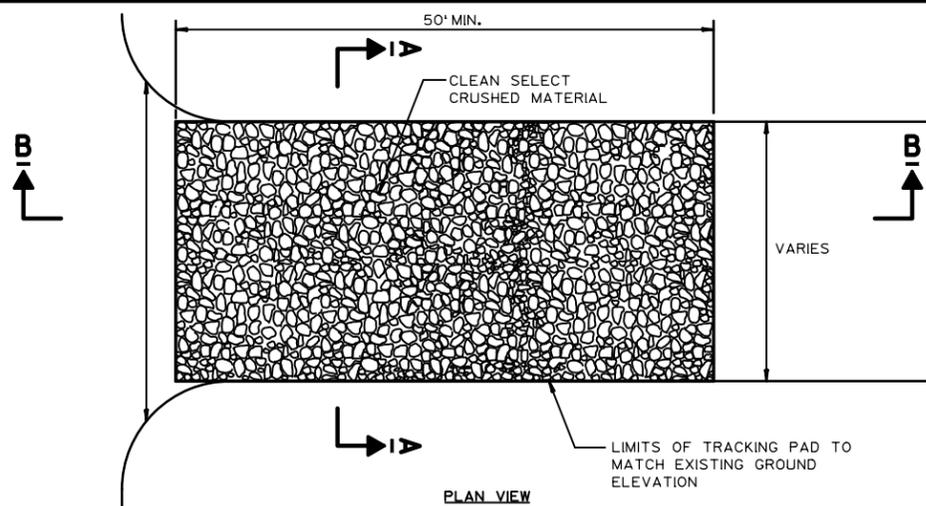


SHEET
4



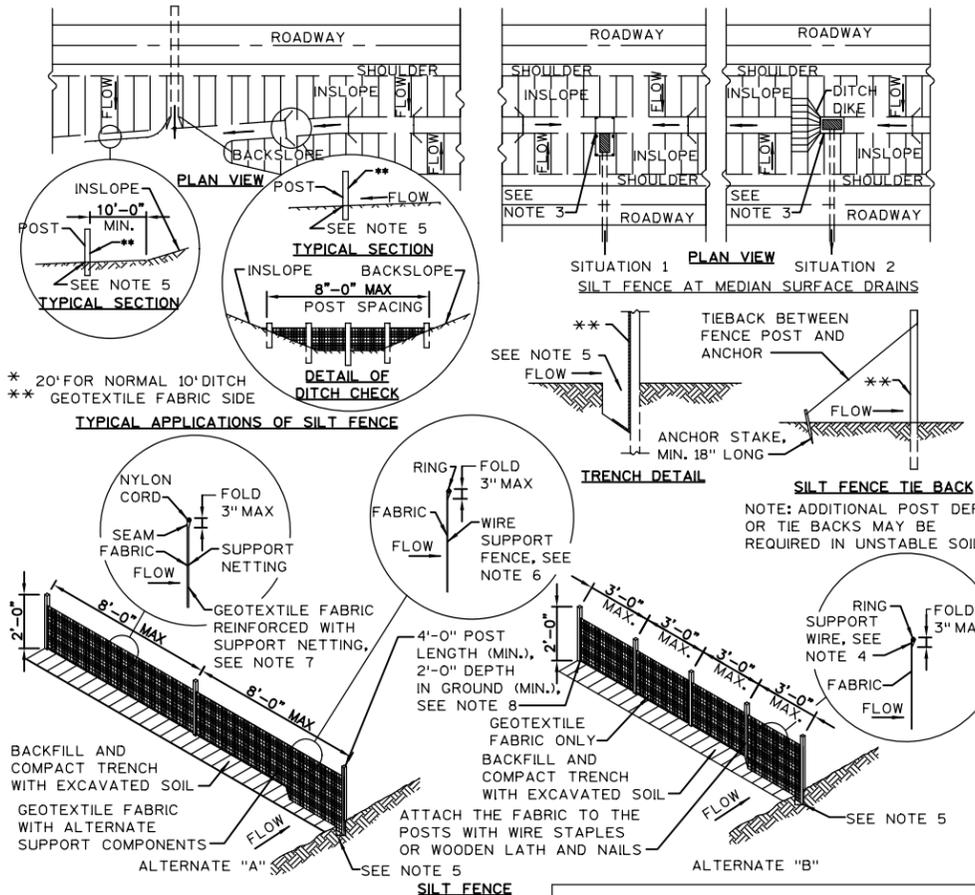
NOTES:

1. DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND THE APPLICABLE SPECIAL PROVISIONS.
2. TRACKING PAD SHALL BE INSPECTED DAILY. DEFICIENT AREAS SHALL BE REPAIRED OR REPLACED IMMEDIATELY.
3. TRACKING PAD TO BE REMOVED AFTER CONSTRUCTION IS COMPLETED.
4. TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT.
5. SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. FLOWS SHALL BE DIVERTED AWAY, AROUND OR CONVEYED UNDER THE TRACKING PAD.
6. CULVERT PIPE OR OTHER BMP USED TO DIVERT WATER AWAY, AROUND OR UNDER THE TRACKING PAD SHALL BE DESIGNED TO CONVEY THE 2 YEAR - 24 HOUR EVENT.
7. THE COST OF ADDITIONAL BMP TO DIVERT WATER ARE INCIDENTAL TO THE TRACKING PAD BID ITEM.

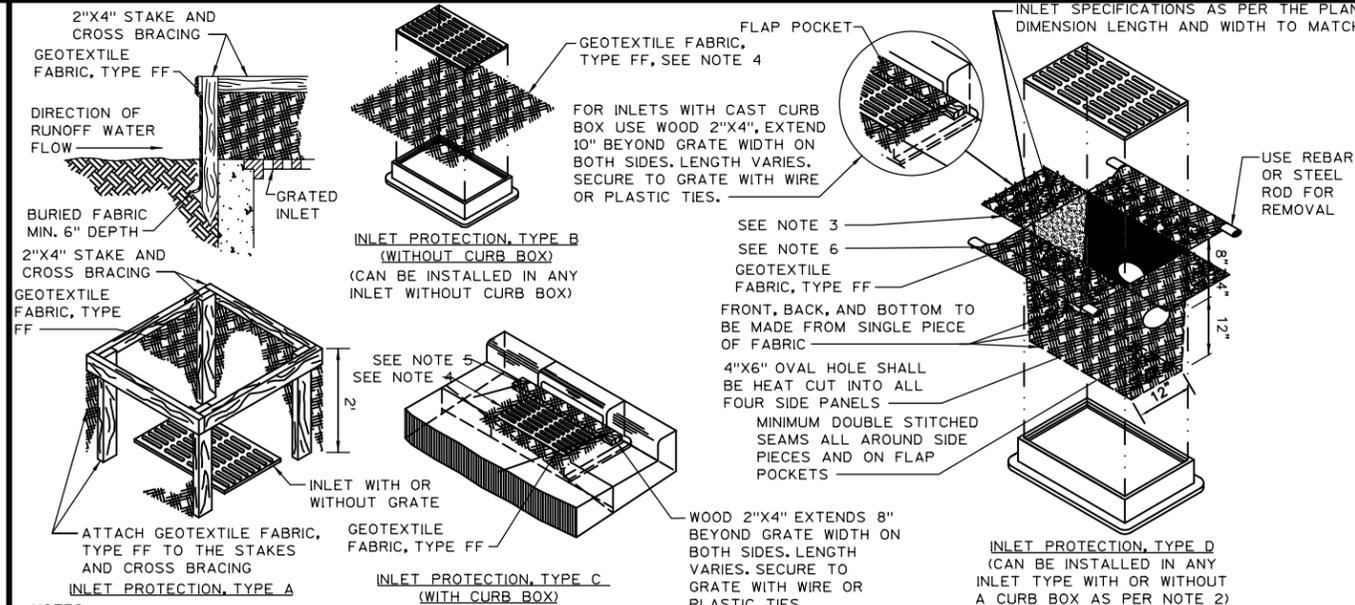


NOTES:

1. DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.
2. WHEN POSSIBLE THE SILT FENCE SHOULD BE CONSTRUCTED IN AN ARC OR HORSESHOE SHAPE, WITH THE ENDS POINTING UPSLOPE TO MAXIMIZE BOTH STRENGTH AND EFFECTIVENESS.
3. CROSS BRACE WITH 2"x4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.
4. MINIMUM 14 GAGE WIRE REQUIRED, FOLD FABRIC 3" OVER THE WIRE AND STAPLE OR PLACE WIRE RINGS ON 12" C-C.
5. EXCAVATE TRENCH A MINIMUM OF 4" WIDE AND 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC, FOLD MATERIAL TO FIT TRENCH AND BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL.
6. WIRE SUPPORT FENCE SHALL BE 14 GAGE MINIMUM WOVEN WIRE WITH A MAXIMUM MESH SPACING OF 6". SECURE TOP OF GEOTEXTILE FABRIC TO TOP OF FENCE WITH STAPLES OR WIRE RINGS AT 12" C-C.
7. GEOTEXTILE FABRIC SHALL BE REINFORCED WITH AN INDUSTRIAL POLYPROPYLENE NETTING WITH A MAXIMUM MESH SPACING OF 1/4" OR EQUAL. A HEAVY DUTY NYLON TOP SUPPORT CORD OR EQUIVALENT IS REQUIRED.
8. STEEL POSTS SHALL BE STUDDED "TEE" OR "U" TYPE WITH A MINIMUM WEIGHT OF 1.2 LBS/LINEAR FOOT WITHOUT ANCHORS, OR ANCHORS SUFFICIENT TO RESIST POST MOVEMENT ARE REQUIRED. WOOD POSTS SHALL BE A MINIMUM SIZE OF 4" DIAMETER, OR 2 1/2" X 3 1/2", EXCEPT WOOD POSTS FOR GEOTEXTILE FABRIC REINFORCED WITH NETTING SHALL BE A MINIMUM SIZE OF 1 1/8" X 1 1/8" OAK OR HICKORY.
9. ALTERNATES A AND B ARE EQUAL AND EITHER MAY BE USED.



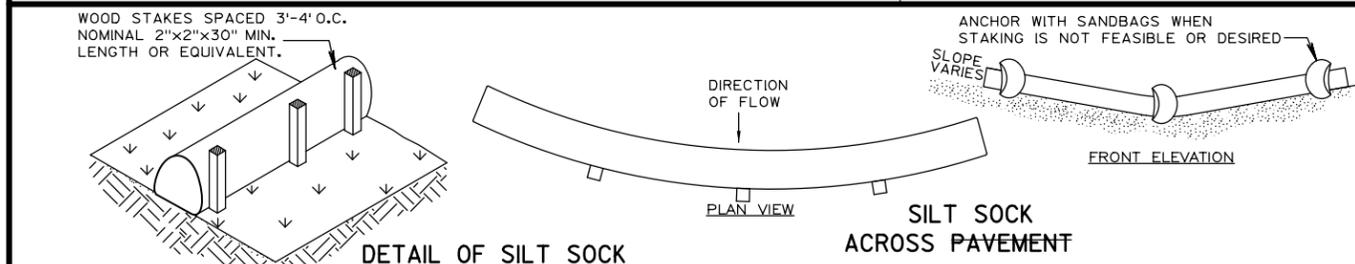
SILT FENCE (WDR TECHNICAL STANDARD 1056)



NOTES:

1. INLET PROTECTION DEVICES SHALL BE MAINTAINED OR REPLACED AT THE DIRECTION OF THE ENGINEER.
2. MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.
3. WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET, ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.
4. FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
5. FOR INLET PROTECTION, TYPE C (WITH CURB BOX), AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
6. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2X4.
7. FOR TYPES B AND C, TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE. THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.
8. FOR TYPE D, DO NOT INSTALL INLET PROTECTION TYPE D INLETS SHALLower THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE. TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE. THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY, THE CONTRACTOR SHALL CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

INLET PROTECTION TYPE A, B, C, AND D (WDR TECHNICAL STANDARD 1060)



EROSION CONTROL NOTES:

1. ANY SOIL STOCKPILED THAT REMAINS FOR MORE THAN 7 DAYS SHALL BE COVERED OR TREATED WITH STABILIZATION PRACTICES SUCH AS TEMPORARY OR PERMANENT SEEDING AND MULCHING.
2. A MINIMUM OF 6 INCHES OF TOPSOIL MUST BE APPLIED TO ALL AREAS TO BE SEEDDED OR SODDED.
3. ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, WASTEWATER, TOXIC MATERIALS, OR HAZARDOUS MATERIALS) SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO BE CARRIED OFF-SITE BY RUNOFF OR WIND.
4. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION WORK OR A STORM EVENT SHALL BE CLEANED UP BY THE END OF EACH DAY. FLUSHING SHALL NOT BE ALLOWED.
5. ANY SOIL EROSION THAT OCCURS AFTER FINAL GRADING AND/OR THE APPLICATION OF STABILIZATION MEASURES MUST BE REPAIRED AND THE WORK REDONE.
6. FOR ANY DISTURBED AREA THAT REMAINS INACTIVE FOR GREATER THAN 7 WORKING DAYS, OR WHERE GRADING WORK EXTENDS BEYOND THE PERMANENT SEEDING DEADLINES, THE SITE MUST BE TREATED WITH TEMPORARY STABILIZATION MEASURES SUCH AS SOIL TREATMENT, TEMPORARY SEEDING AND/OR MULCHING.
7. ALL TEMPORARY EROSION CONTROL PRACTICES SHALL BE MAINTAINED UNTIL THE SITE IS STABILIZED WITH 70% VEGETATION AND A NOTICE OF TERMINATION HAS BEEN APPROVED BY THE DNR.
8. WIND EROSION SHALL BE KEPT TO A MINIMUM DURING CONSTRUCTION. WATERING, MULCH OR A TACKING AGENT MAY NEED TO BE UTILIZED TO PROTECT NEARBY RESIDENCES/WATER RESOURCES.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL THE EROSION CONTROL MEASURES IN CONFORMANCE WITH THE WDR CONSERVATION PRACTICE STANDARDS, LATEST EDITION.
10. UPON COMPLETION OF STORM INLET CONSTRUCTION, THE CONTRACTOR SHALL INSTALL STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITE AS SPECIFIED.
11. FINE SEDIMENT ACCUMULATIONS SHALL BE CLEANED FROM STREETS, PRIVATE DRIVES, OR PARKING AREAS BY MANUAL OR MECHANICAL SWEEPING A MINIMUM OF ONCE PER WEEK AND BEFORE ALL IMMINENT RAINS.
12. EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS OF RAINFALL OF 0.5 INCH OR MORE.
13. CONTRACTOR SHALL ROUGH GRADE BIORETENTION BASINS PRIOR TO OTHER EARTHWORK ON PROJECT TO ACT AS SEDIMENT BASINS DURING CONSTRUCTION PER DNR TECHNICAL STANDARD 1064.

DATE:	1/30/20
REVISIONS	ISSUED FOR BID
NO.	1

EROSION CONTROL DETAILS

DOWNTOWN RIVERFRONT PARK AND PARKING LOT IMPROVEMENTS
VILLAGE OF PRAIRIE DU SAC
SAUK COUNTY, WISCONSIN

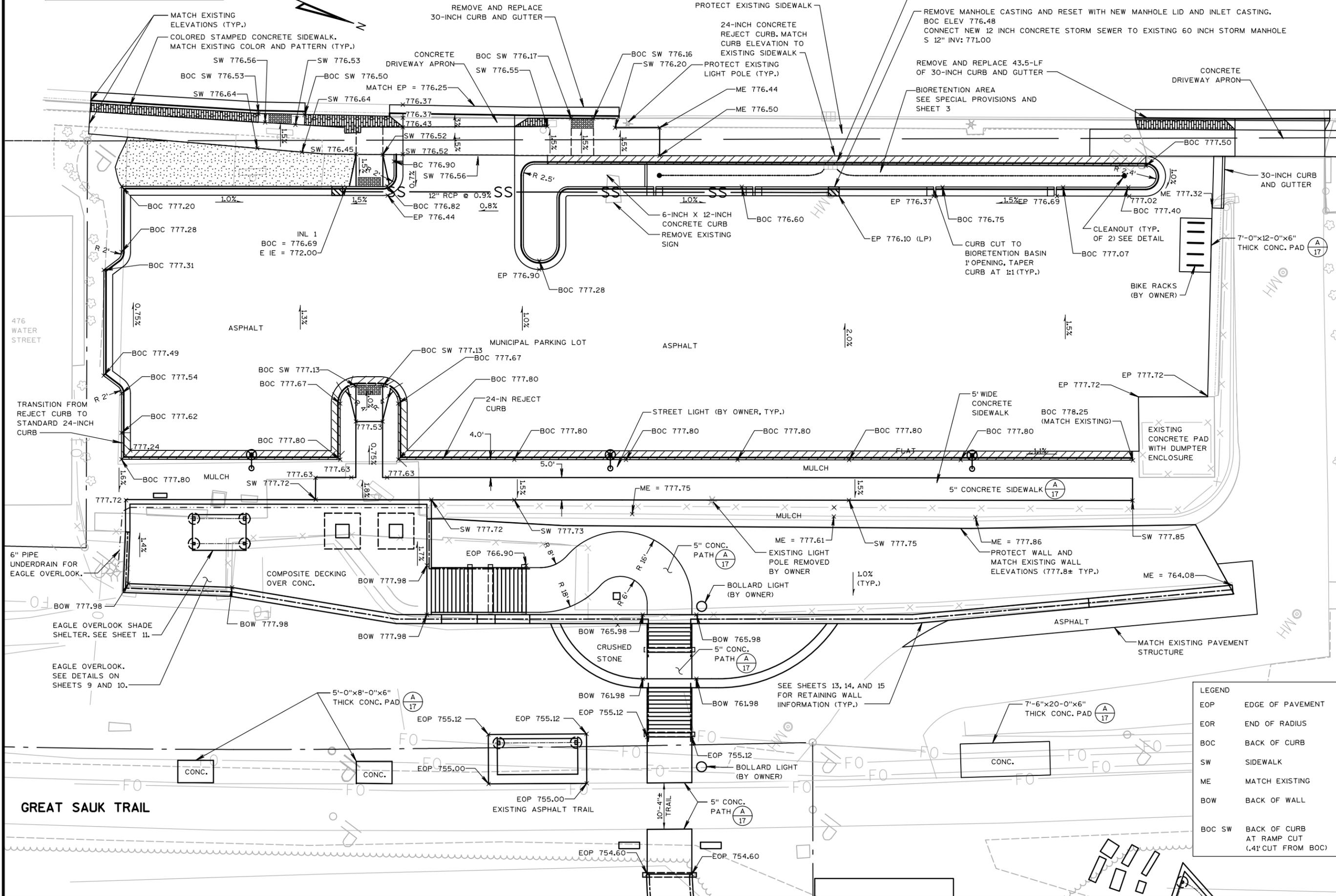
JOB NO.
1381.062
PROJECT MGR.
TGS



SHEET
5

0 FEET 20 40

WATER STREET (STH 60/78)



NO.	REVISIONS	DATE
1	ISSUED FOR BID	1/30/20
2	INLET INVERTS / LANDSCAPING ISLAND	5/5/20

PARKING LOT SITE/GRADING PLAN

DOWNTOWN RIVERFRONT PARK AND PARKING LOT IMPROVEMENTS
VILLAGE OF PRAIRIE DU SAC
SAUK COUNTY, WISCONSIN

JOB NO.
1381.062
PROJECT MGR.
TGS



SHEET
6

LEGEND

EOP	EDGE OF PAVEMENT
EOR	END OF RADIUS
BOC	BACK OF CURB
SW	SIDEWALK
ME	MATCH EXISTING
BOW	BACK OF WALL
BOC SW	BACK OF CURB AT RAMP CUT (.41' CUT FROM BOC)

Ⓐ STALL DIMENSIONS: W=9.0-FT; L=18.0-FT; E=24.0-FT

WATER STREET (STH 60/78)

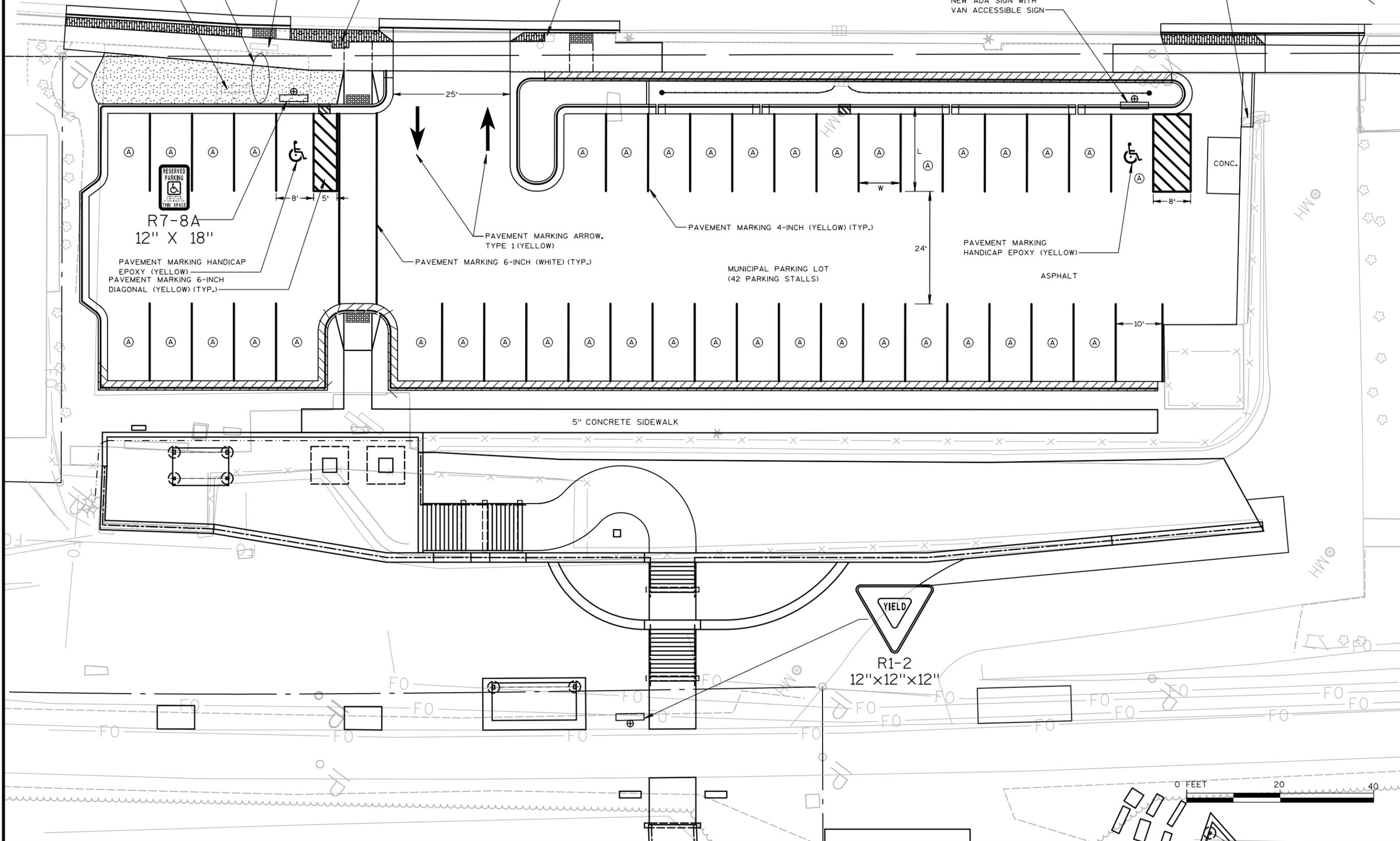


R7-8A R7-8V
12" X 18" 12" X 6"

NEW ADA SIGN WITH VAN ACCESSIBLE SIGN

REMOVE EXISTING "EXIT" SIGN

SIGN TO BE SALVAGED AND PROVIDE TO OWNER
REMOVE EXISTING "ENTRANCE" SIGN AND POST
SALVAGE AND RE-SET EXISTING SIGN AND POST
PROTECT EXISTING RRFB
PROTECT EXISTING LIGHT POLE (TYP.)



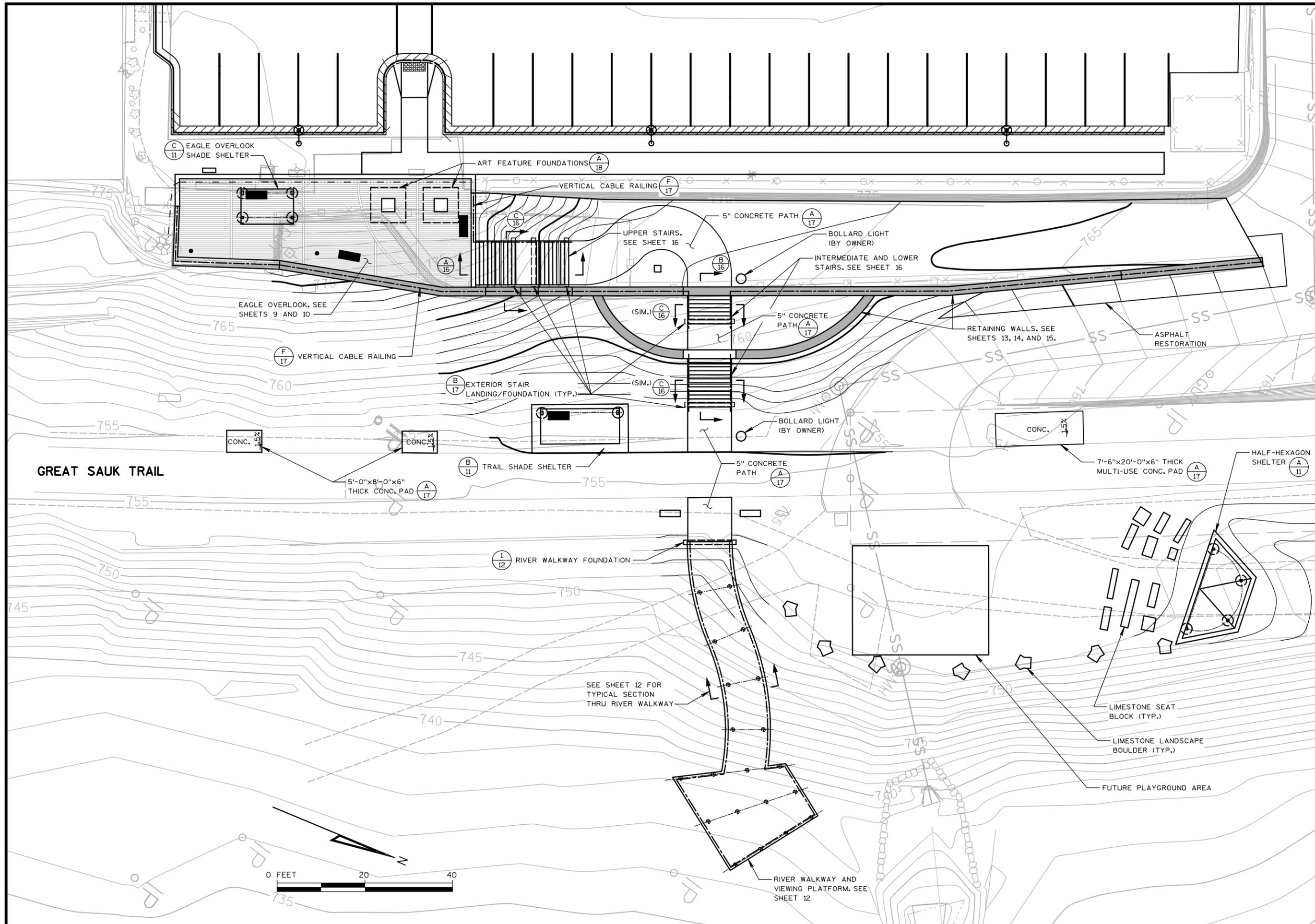
NO.	REVISIONS	DATE
1	ISSUED FOR BID	1/30/20

PAVEMENT MARKING/SIGNAGE PLAN
 DOWNTOWN RIVERFRONT PARK AND PARKING LOT IMPROVEMENTS
 VILLAGE OF PRAIRIE DU SAC
 SAUK COUNTY, WISCONSIN

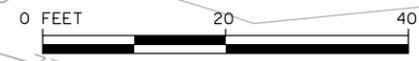
JOB NO. 1381.062
 PROJECT MGR. TGS



SHEET 7



GREAT SAUK TRAIL



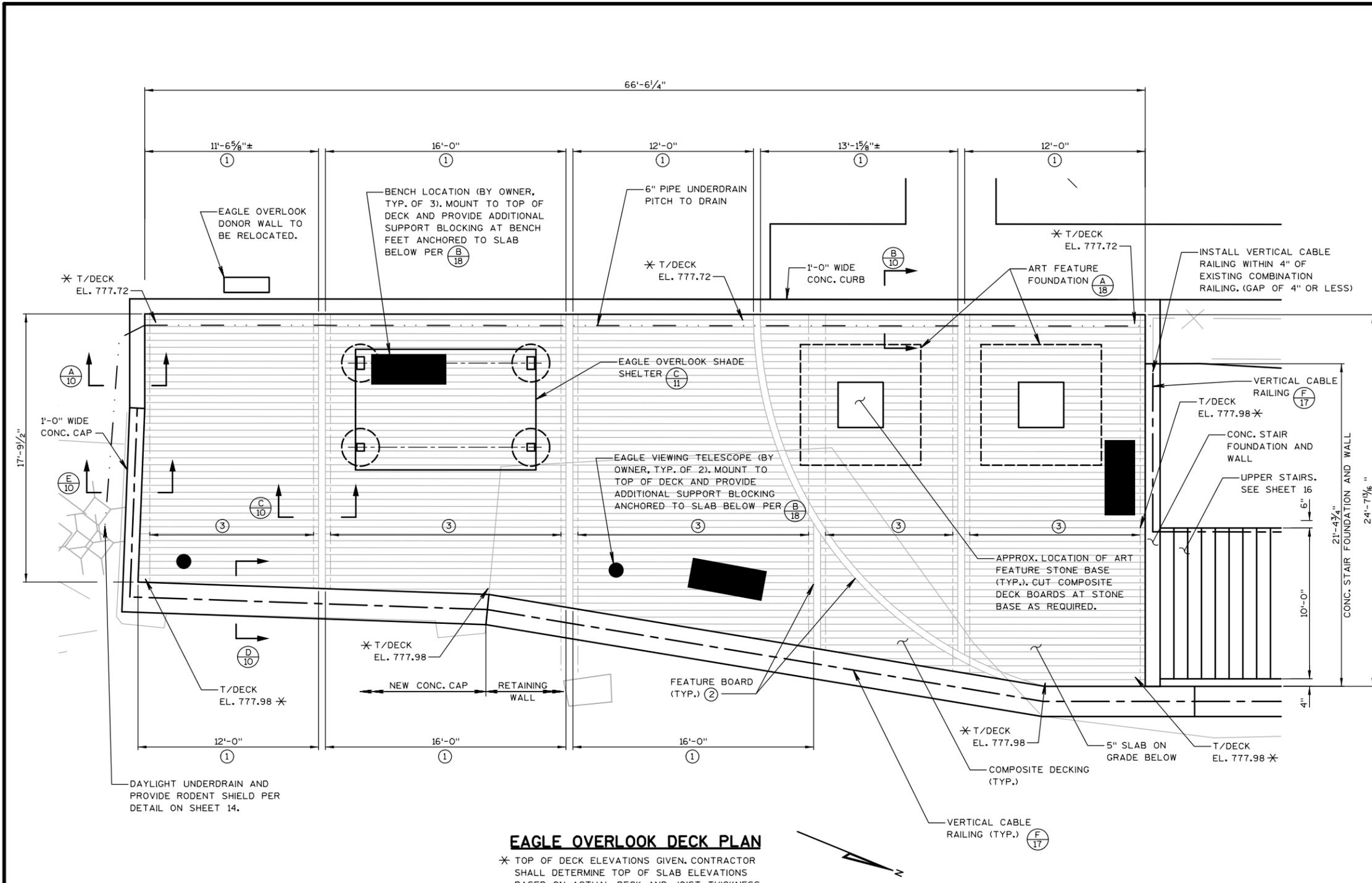
NO.	REVISIONS	DATE
1	ISSUED FOR BID	1/30/20

EAGLE OVERLOOK AND LOWER LEVEL PLAN
 DOWNTOWN RIVERFRONT PARK AND PARKING LOT IMPROVEMENTS
 VILLAGE OF PRAIRIE DU SAC
 SAUK COUNTY, WISCONSIN

JOB NO.
1381.062
 PROJECT MGR.
TGS



SHEET
8



EAGLE OVERLOOK DECK PLAN

* TOP OF DECK ELEVATIONS GIVEN. CONTRACTOR SHALL DETERMINE TOP OF SLAB ELEVATIONS BASED ON ACTUAL DECK AND JOIST THICKNESS.

GENERAL NOTES

1"x6" NOMINAL COMPOSITE DECKING AND FEATURE BOARDS FASTENED PER MANUFACTURERS RECOMMENDATIONS WITH CONCEALED GALVANIZED FASTENERS.

UNDERDECK SUPPORT FOR COMPOSITE DECKING SHALL BE 3/2"x3/2" DIMENSIONAL HDPE SOLID PLASTIC LUMBER, UNLESS OTHERWISE APPROVED BY ENGINEER.

SEE SHEET 6 FOR FINISHED GRADE ELEVATIONS.

KEY NOTES

- ① DIMENSION DOES NOT INCLUDE THERMAL EXPANSION/CONTRACTION GAPS. SET GAP WIDTH BASED ON INSTALLATION TEMPERATURE AND MANUFACTURER RECOMMENDATIONS FOR DECKING THERMAL EXPANSION PROPERTIES.
- ② MAXIMUM FEATURE BOARD LENGTH OF 10'-0". PROVIDE THERMAL EXPANSION/CONTRACTION GAP AT BUTT JOINT OF FEATURE BOARDS BASED ON INSTALLATION TEMPERATURE AND MANUFACTURER RECOMMENDATIONS FOR DECKING THERMAL EXPANSION PROPERTIES.
- ③ 3/2"x3/2" HDPE SOLID PLASTIC LUMBER DECK SUPPORTS AT 1'-2" MAXIMUM SPACING.

DATE	REVISIONS	NO.
1/30/20	ISSUED FOR BID	1

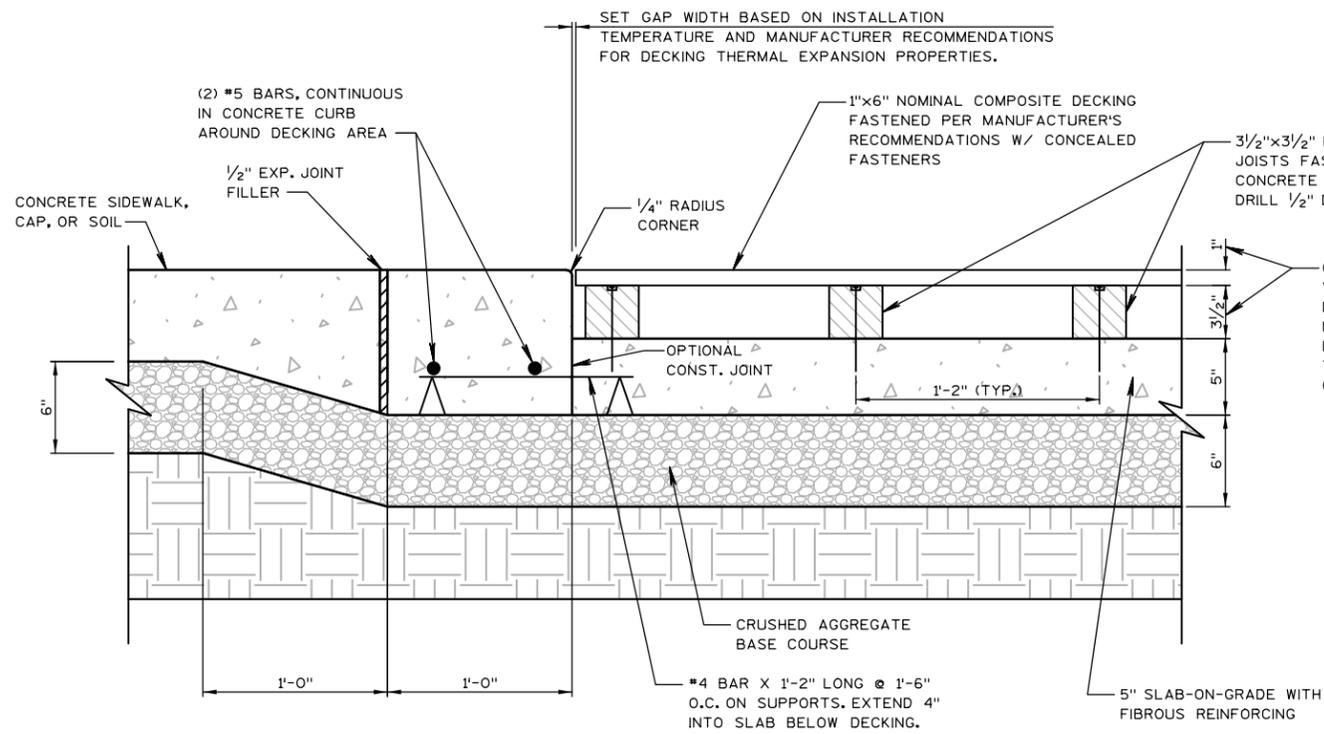
EAGLE OVERLOOK DECK PLAN

DOWNTOWN RIVERFRONT PARK AND PARKING LOT IMPROVEMENTS
VILLAGE OF PRAIRIE DU SAC
SAUK COUNTY, WISCONSIN

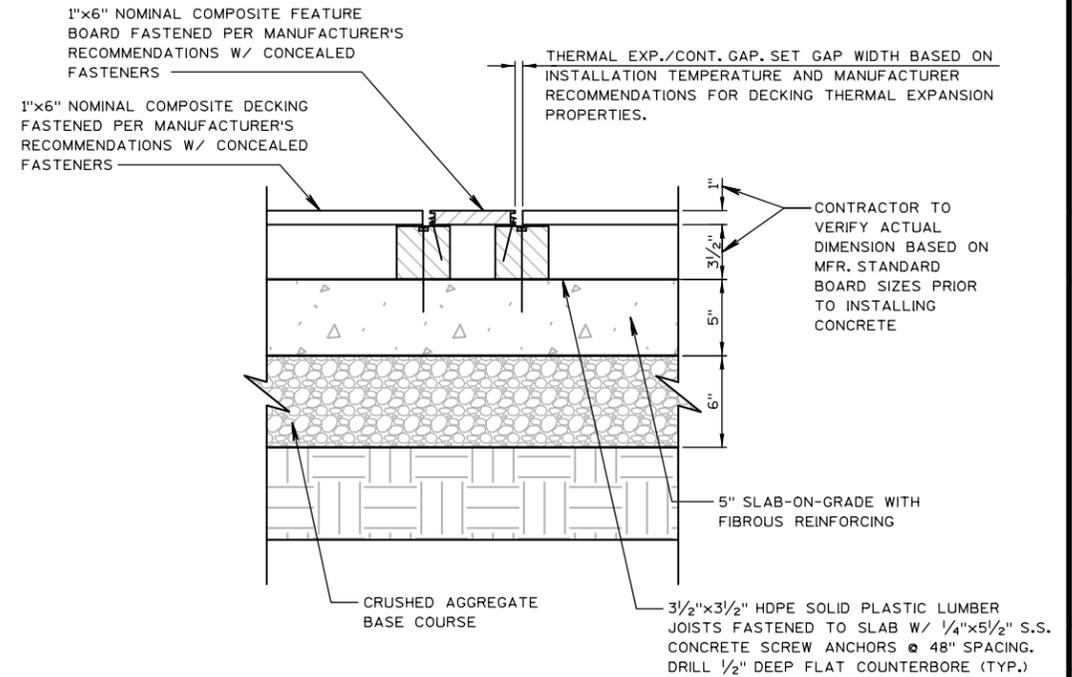
JOB NO.
1381.062
PROJECT MGR.
TGS



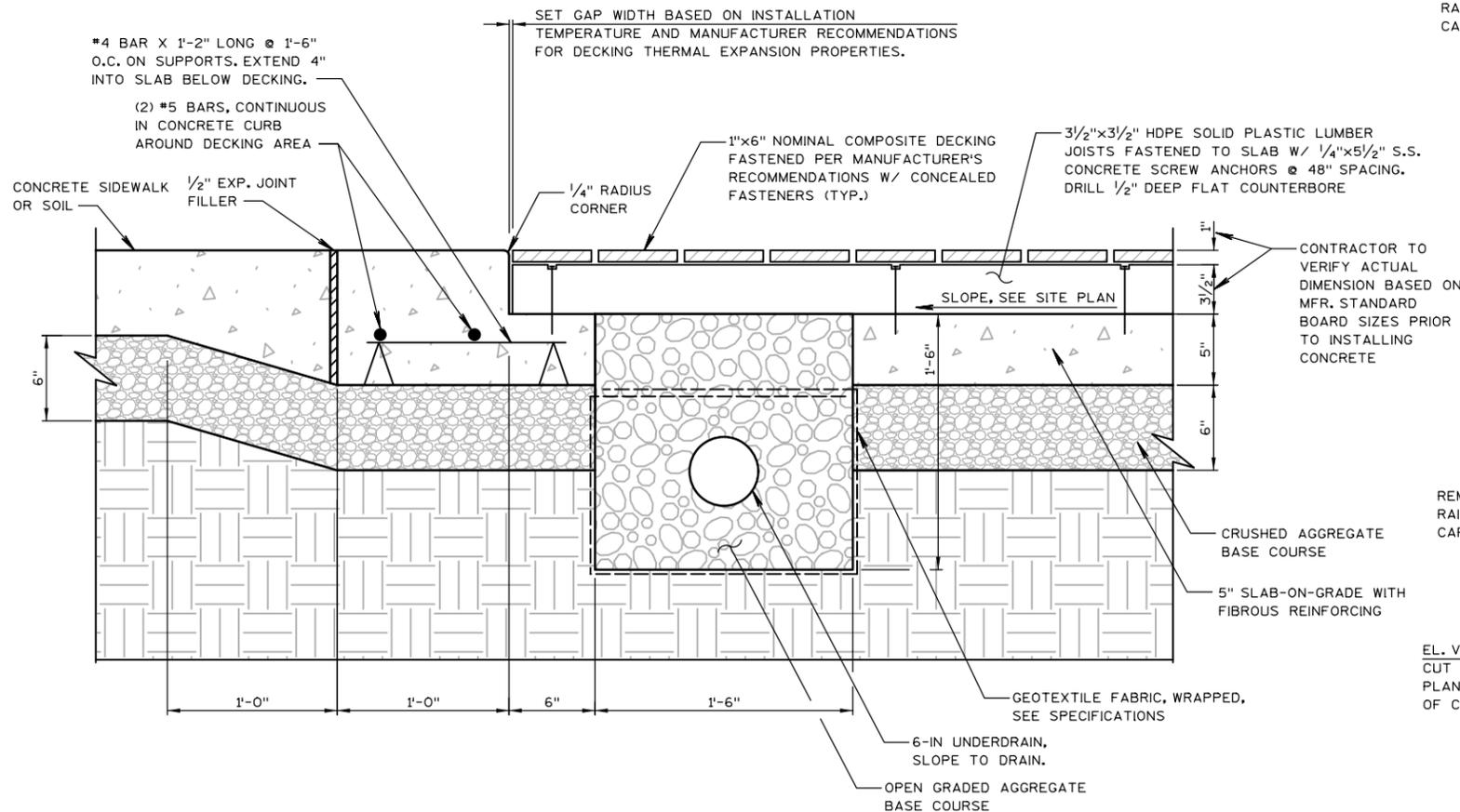
SHEET
9



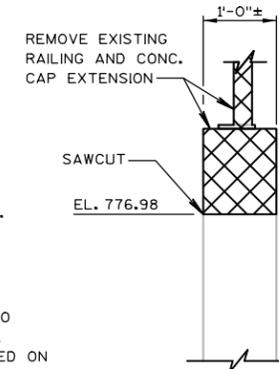
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10
TYPICAL DECK SECTION



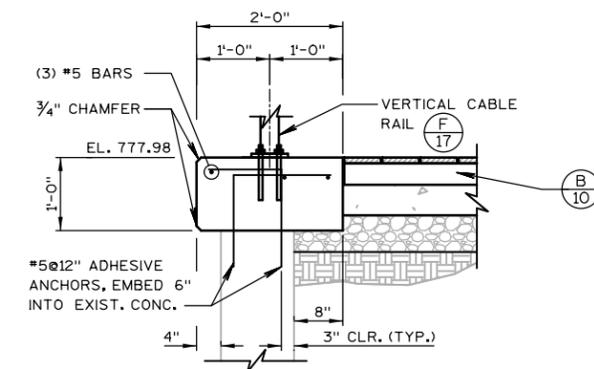
C
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SECTION THRU FEATURE BOARD



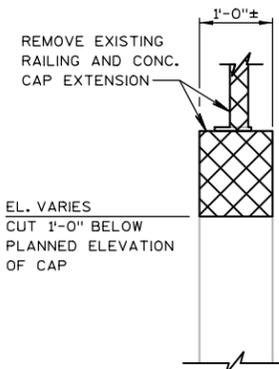
B
10
DECK W/ UNDERDRAIN SECTION



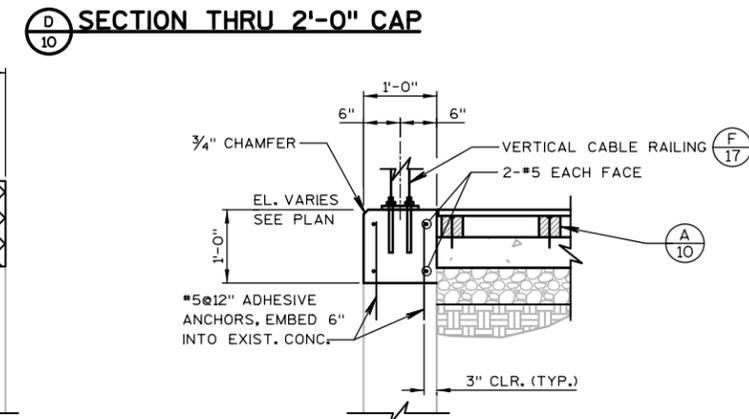
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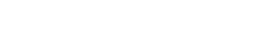
PROPOSED SECTION



EXISTING SECTION



PROPOSED SECTION



EXISTING SECTION



PROPOSED SECTION

NO.	REVISIONS	DATE
1	ISSUED FOR BID	1/30/20

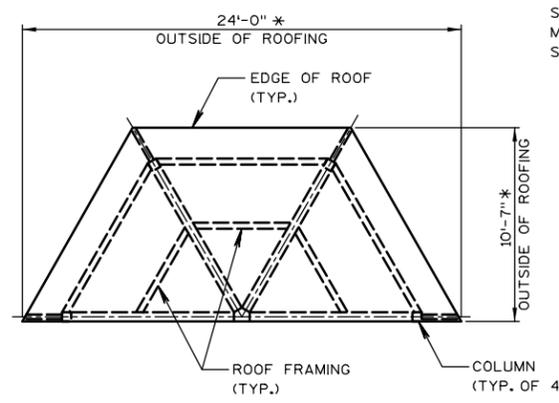
EAGLE OVERLOOK DECK DETAILS

DOWNTOWN RIVERFRONT PARK AND PARKING LOT IMPROVEMENTS
VILLAGE OF PRAIRIE DU SAC
SAUK COUNTY, WISCONSIN

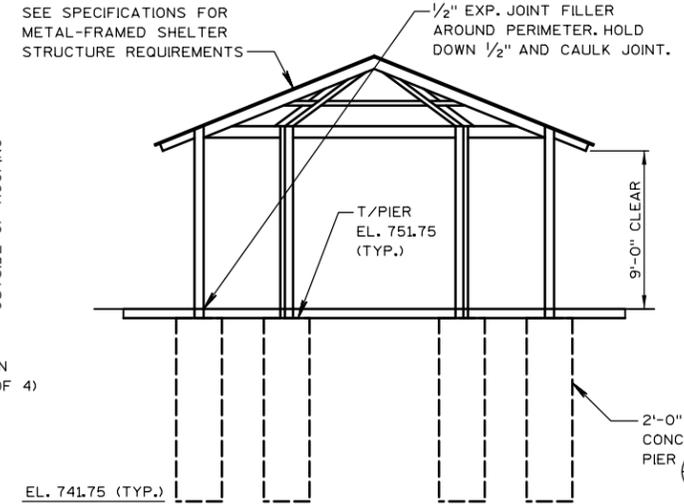
JOB NO. 1381.062
PROJECT MGR. TGS

STRAND ASSOCIATES

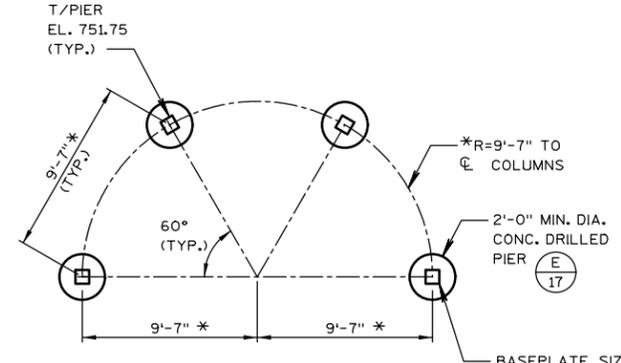
SHEET 10



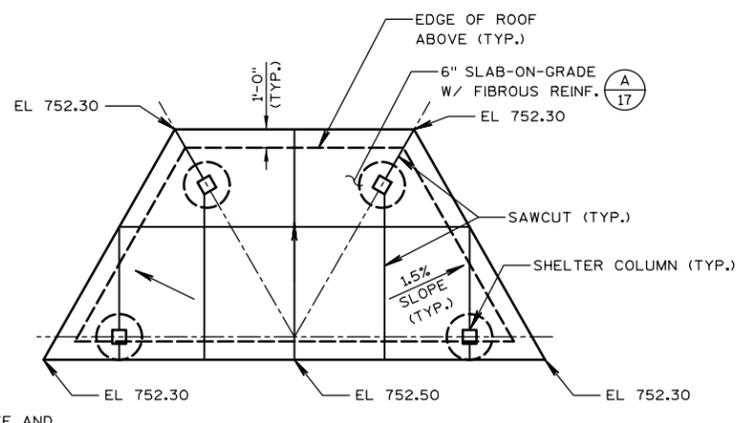
PLAN



ELEVATION



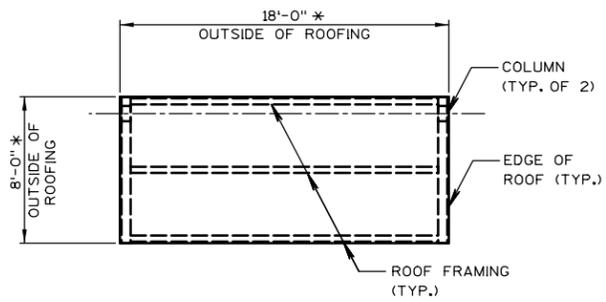
FOUNDATION PLAN



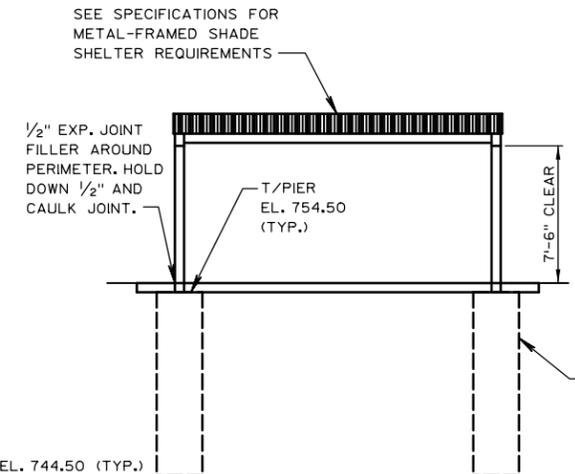
SLAB-ON-GRADE PLAN

A HALF-HEXAGON SHELTER DETAILS
(NO SCALE)

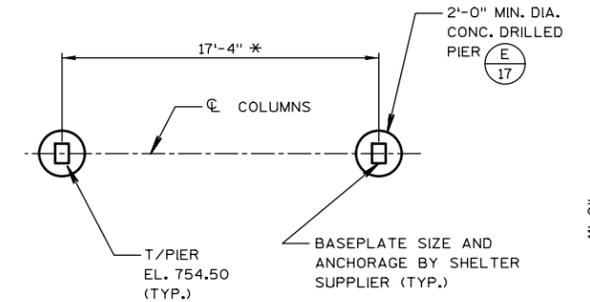
*DIMENSION TO BE VERIFIED BY SHELTER SUPPLIER



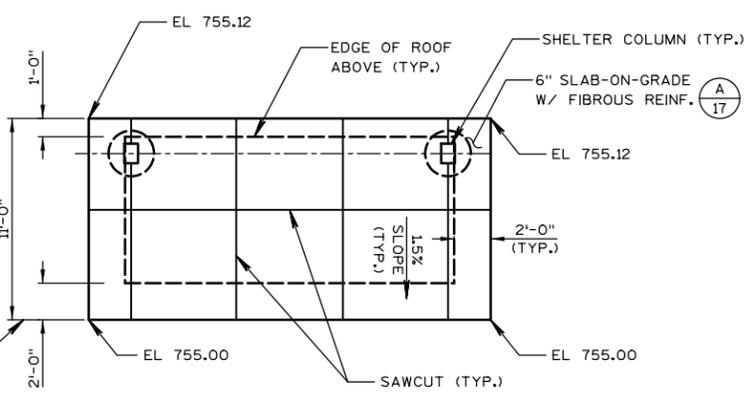
PLAN



ELEVATION



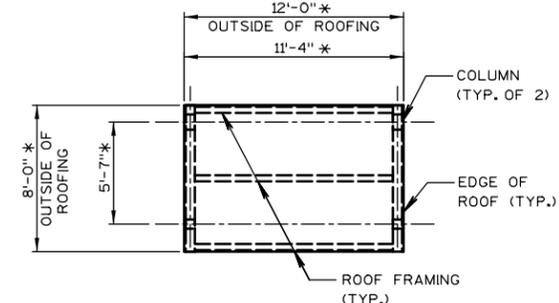
FOUNDATION PLAN



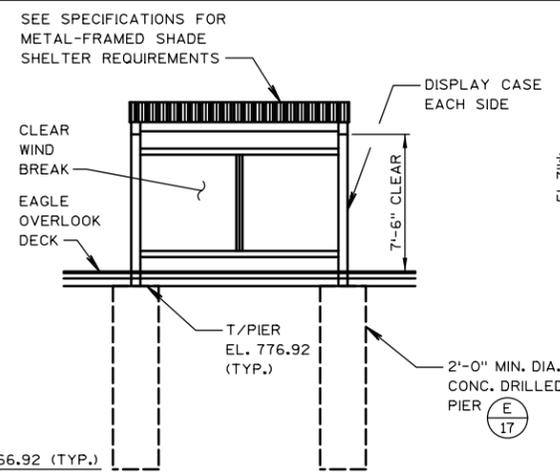
SLAB-ON-GRADE PLAN

B TRAIL SHADE SHELTER DETAILS
(NO SCALE)

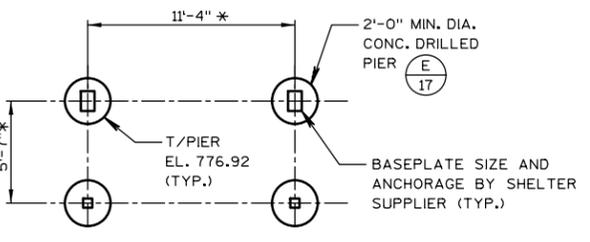
*DIMENSION TO BE VERIFIED BY SHADE SHELTER SUPPLIER



PLAN



ELEVATION



FOUNDATION PLAN

C EAGLE OVERLOOK SHADE SHELTER DETAILS
(NO SCALE)

*DIMENSION TO BE VERIFIED BY SHADE SHELTER SUPPLIER

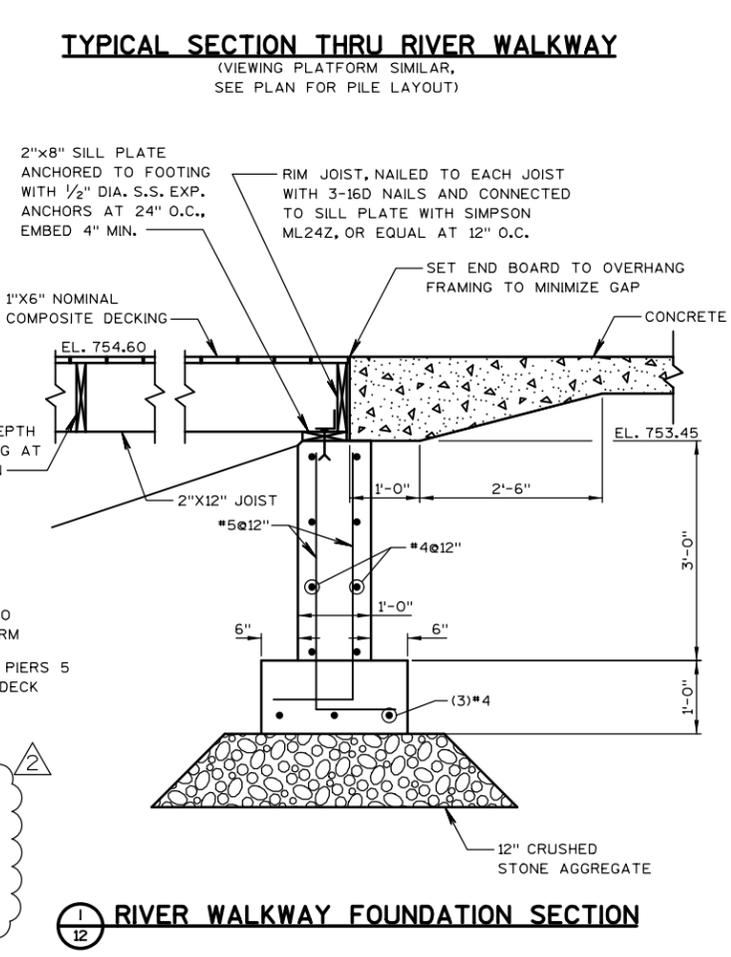
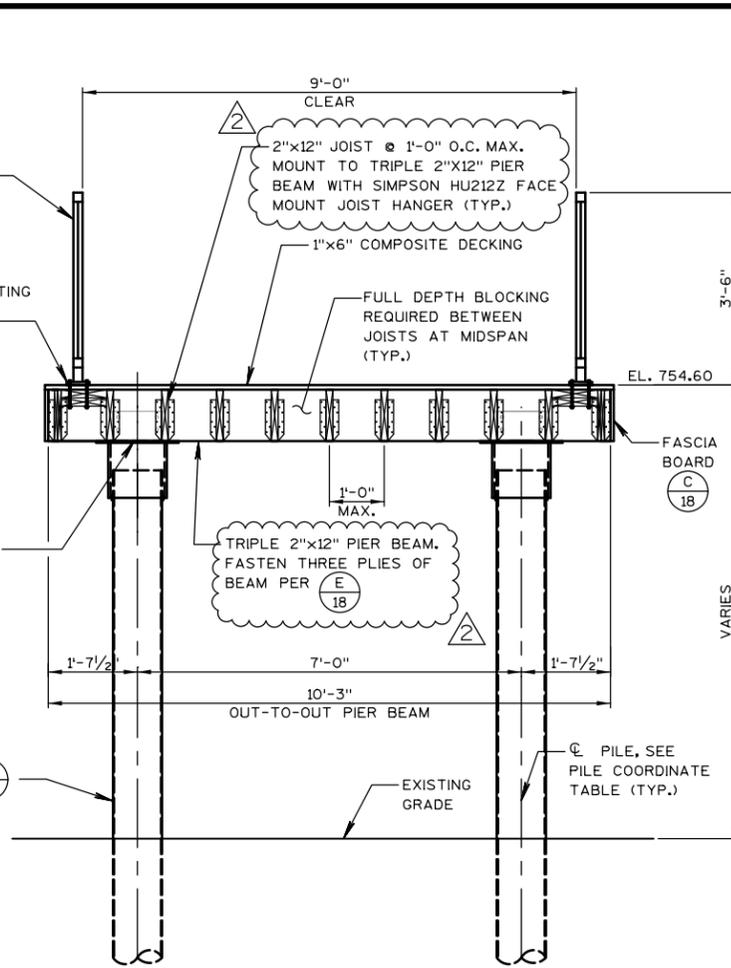
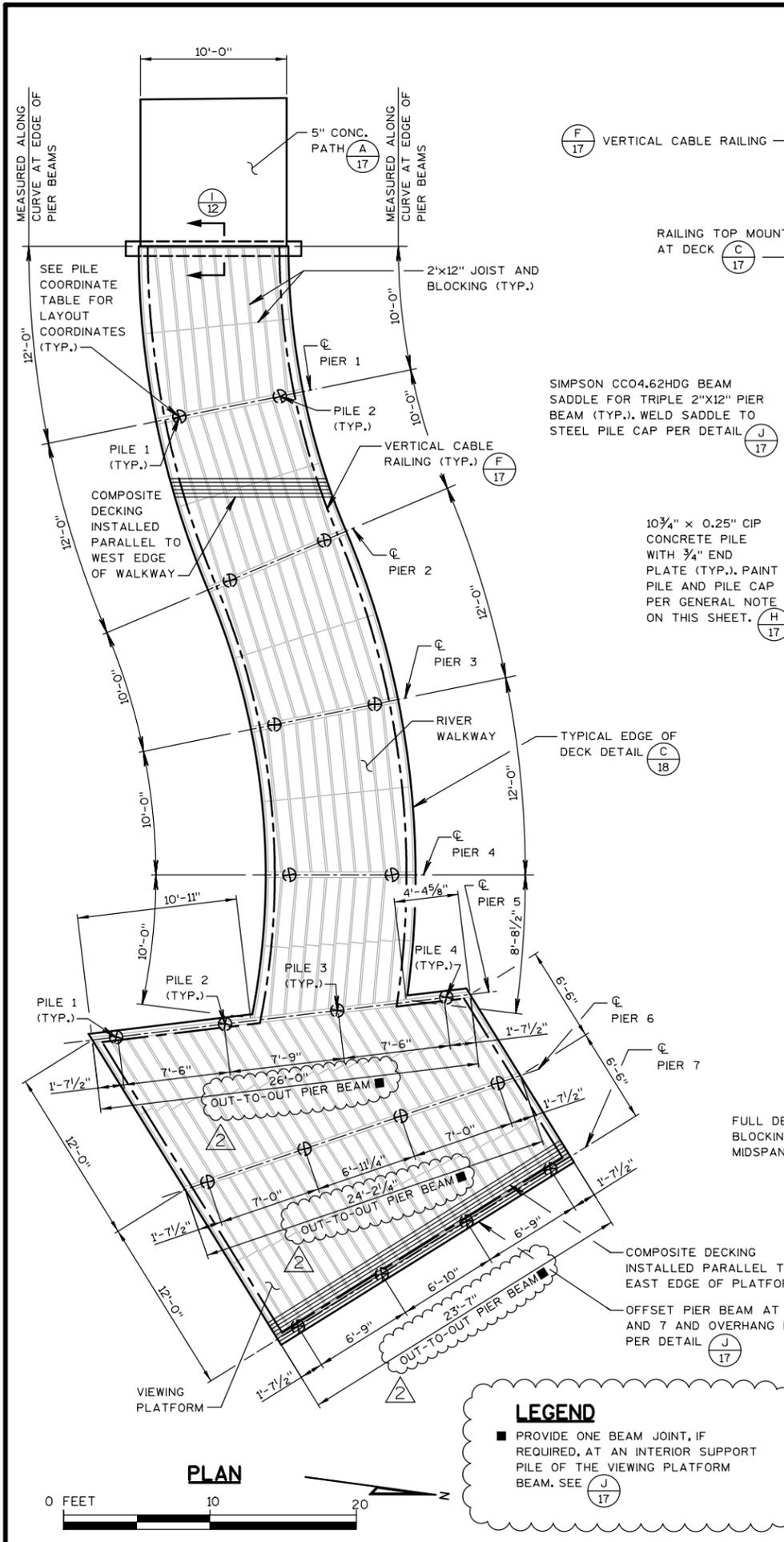
NO.	REVISIONS	DATE
1	ISSUED FOR BID	1/30/20

SHELTER PLANS AND DETAILS
DOWNTOWN RIVERFRONT PARK AND PARKING LOT IMPROVEMENTS
VILLAGE OF PRAIRIE DU SAC
SAUK COUNTY, WISCONSIN

JOB NO. 1381.062
PROJECT MGR. TGS



SHEET 11



DESIGN DATA

FOUNDATION DATA:
 RIVER WALKWAY AND VIEWING PLATFORM PIERS TO BE SUPPORTED ON PILING CAST-IN-PLACE CONCRETE 10.75-INCH, WITH 0.25-INCH MINIMUM SHELL THICKNESS, DRIVEN TO A REQUIRED DRIVING RESISTANCE OF 15 TONS PER PILE* AS DETERMINED BY THE MODIFIED GATES DYNAMIC FORMULA. PROVIDE 3/4" MINIMUM THICKNESS END PLATES WELDED TO BASES OF PILES.

*THE FACTORED AXIAL RESISTANCE OF PILES IN COMPRESSION USED FOR DESIGN IS THE REQUIRED DRIVING RESISTANCE MULTIPLIED BY A RESISTANCE FACTOR OF 0.5 USING MODIFIED GATES TO DETERMINE DRIVEN PILE CAPACITY.

ESTIMATED PILE TOP AND BOTTOM ELEVATIONS:

PIER	TOP OF PILE CAP ELEVATION	PILE TIP ELEVATION	ESTIMATED PILE LENGTH
1	753.56	733.00	20 FEET
2	753.56	733.00	20 FEET
3	753.56	727.00	26 FEET
4	753.56	727.00	26 FEET
5	753.56	718.00	35 FEET
6	753.56	718.00	35 FEET
7	753.56	718.00	35 FEET

GENERAL NOTES

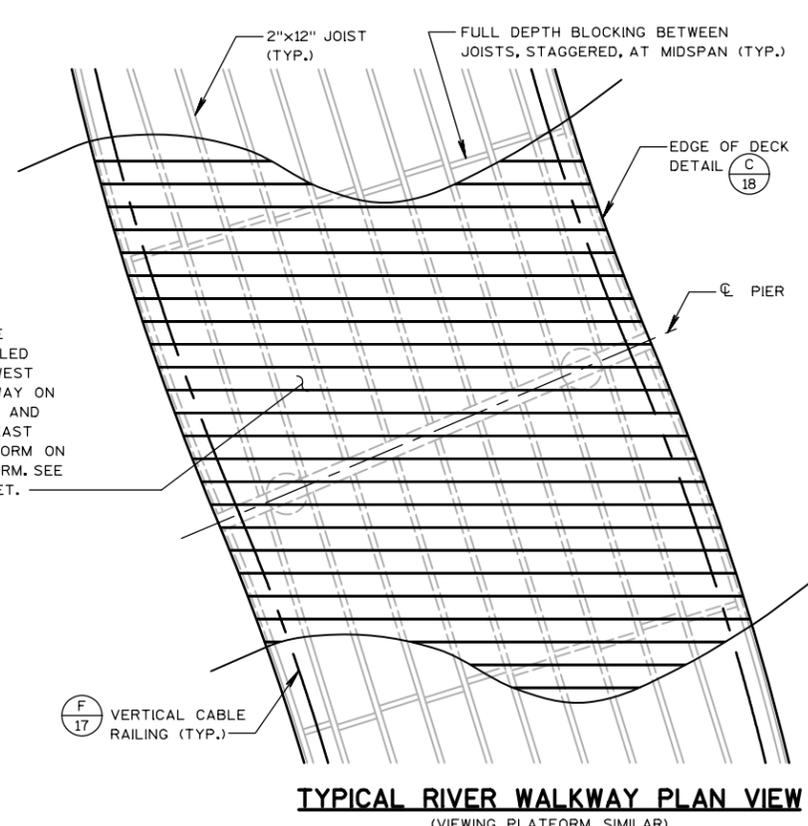
1"X6" NOMINAL COMPOSITE DECKING FASTENED PER MANUFACTURERS RECOMMENDATIONS WITH GALVANIZED CONCEALED FASTENERS. PROVIDE GAP BETWEEN BOARDS PER MANUFACTURER'S RECOMMENDATIONS.

CONSTRUCT BOARDWALK EDGE JOISTS TO MATCH CURVE OF WALKWAY. EDGE JOISTS MAY BE BENT FROM TYPICAL JOIST SIZE OR MAY BE BUILT UP WITH 2 PLYS OF 1" TREATED LUMBER (DEPTH TO MATCH JOIST SIZE) BENT TO THE REQUIRED RADIUS AND CONNECT WITH EXTERIOR GRADE CONSTRUCTION ADHESIVE LOCTITE PL PREMIUM, OR EQUAL.

WALKWAY AND VIEWING PLATFORM JOISTS, BLOCKING, AND SILL PLATES SHALL BE PRESSURE TREATED SOUTHERN PINE, GRADE NO. 2 PER SPECIFICATIONS.

ALL BOLTS, WASHERS, AND OTHER HARDWARE SHALL BE GALVANIZED.

EXPOSED STEEL PILE SHELLS AND PILE CAP SHALL BE PAINTED IN ACCORDANCE WITH SECTION 550.3.11.3 OF THE WISDOT STANDARD SPECIFICATIONS. COLOR SHALL BE FEDERAL STANDARD 595B COLORS #37030 FLAT BLACK. PAINT PILES FROM 4 FEET BELOW FINISHED GRADE TO TOP OF PILE. COST OF PAINT SYSTEM IS INCLUDED WITH THE CAST-IN-PLACE CONCRETE PILE BID ITEM.



PILE COORDINATE TABLE

PIER	PILE 1	PILE 2	PILE 3	PILE 4
1	N: 171,998.45 E: 656,918.68	N: 172,003.10 E: 656,913.44		
2	N: 172,007.92 E: 656,925.51	N: 172,011.43 E: 656,919.46		
3	N: 172,016.26 E: 656,931.53	N: 172,020.90 E: 656,926.29		
4	N: 172,023.24 E: 656,939.09	N: 172,028.83 E: 656,934.88		
5	N: 172,020.43 E: 656,955.04	N: 172,025.84 E: 656,949.85	N: 172,031.41 E: 656,944.50	N: 172,036.82 E: 656,939.31
6	N: 172,031.35 E: 656,959.16	N: 172,035.30 E: 656,953.38	N: 172,039.20 E: 656,947.65	N: 172,043.15 E: 656,941.86
7	N: 172,042.21 E: 656,963.33	N: 172,044.65 E: 656,957.03	N: 172,047.11 E: 656,950.68	N: 172,049.54 E: 656,944.38

COORDINATES REFER TO THE CENTER OF PILE.

DATE:	1/30/20	2/14/20
ISSUED FOR BID:		
ADDENDUM NO. 1:		
NO.	1	2

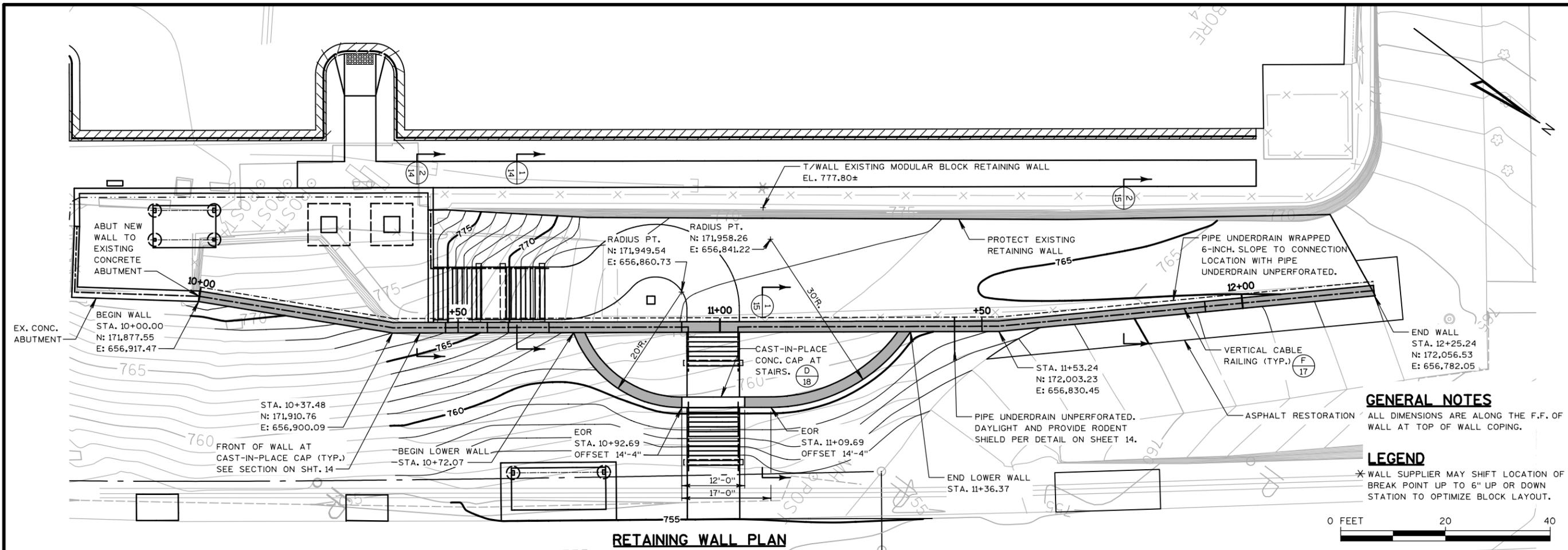
RIVER WALKWAY AND VIEWING PLATFORM PLAN AND DETAILS

DOWNTOWN RIVERFRONT PARK AND PARKING LOT IMPROVEMENTS VILLAGE OF PRAIRIE DU SAC SAUK COUNTY, WISCONSIN

STRAND ASSOCIATES

SHEET 12

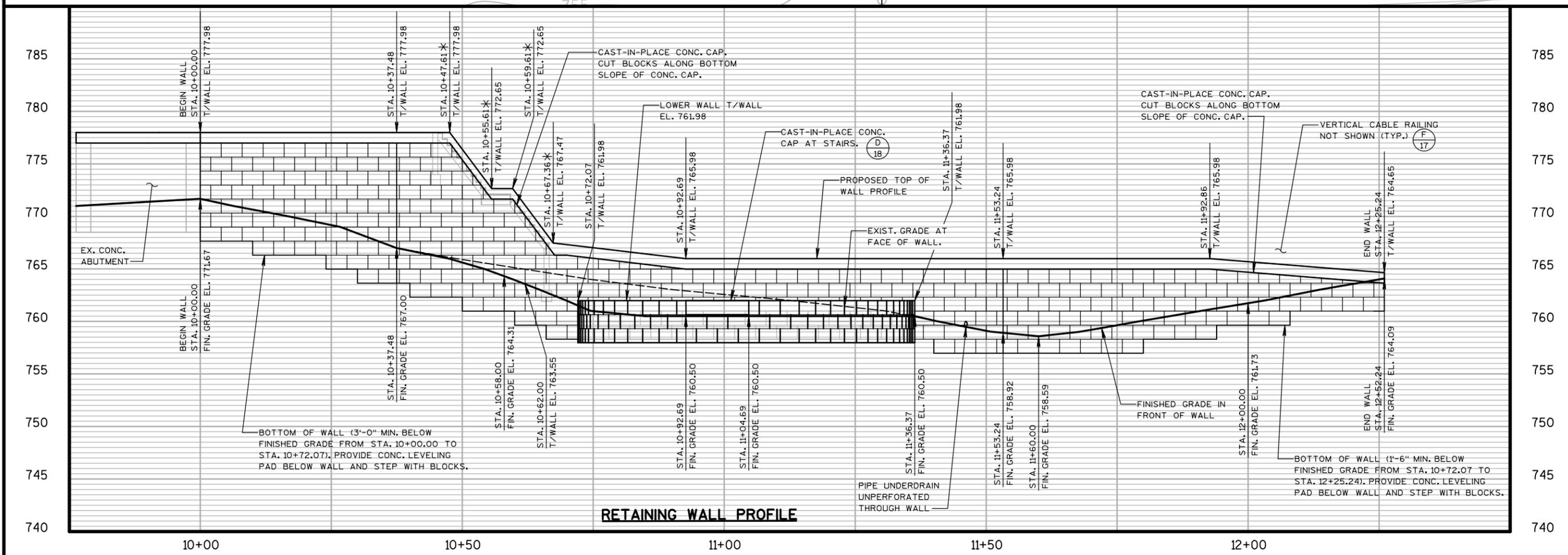
JOB NO. 1381.062
 PROJECT MGR. TGS



RETAINING WALL PLAN

GENERAL NOTES
 ALL DIMENSIONS ARE ALONG THE F.F. OF WALL AT TOP OF WALL COPING.

LEGEND
 * WALL SUPPLIER MAY SHIFT LOCATION OF BREAK POINT UP TO 6" UP OR DOWN STATION TO OPTIMIZE BLOCK LAYOUT.



RETAINING WALL PROFILE

NO.	REVISIONS	DATE
1	ISSUED FOR BID	1/30/20

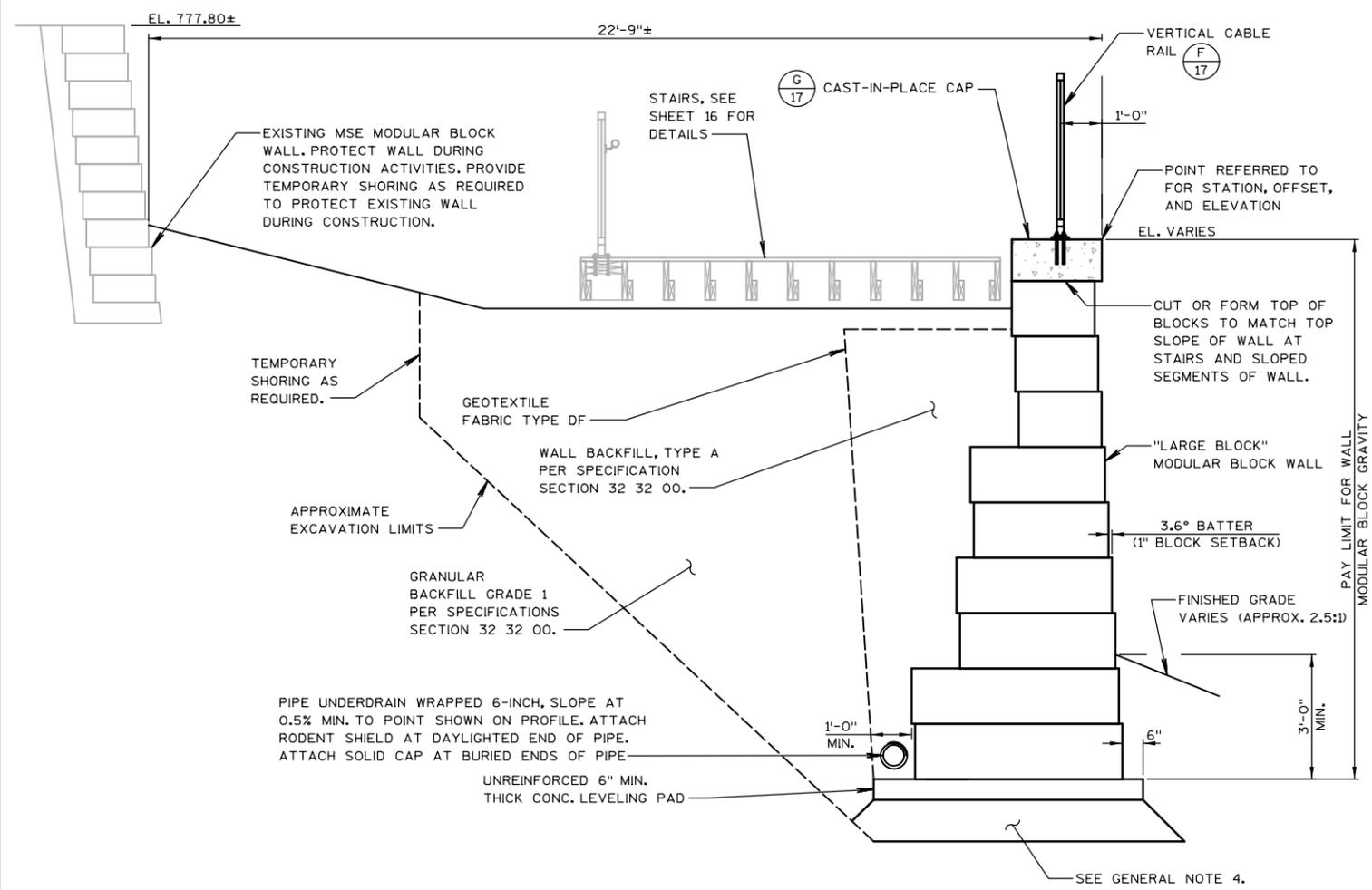
**RETAINING WALL
 PLAN AND PROFILE**

DOWNTOWN RIVERFRONT PARK AND PARKING LOT IMPROVEMENTS
 VILLAGE OF PRAIRIE DU SAC
 SAUK COUNTY, WISCONSIN

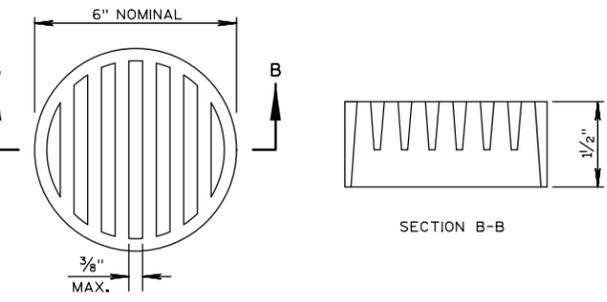
JOB NO.
 1381.062
 PROJECT MGR.
 TGS



SHEET
 13

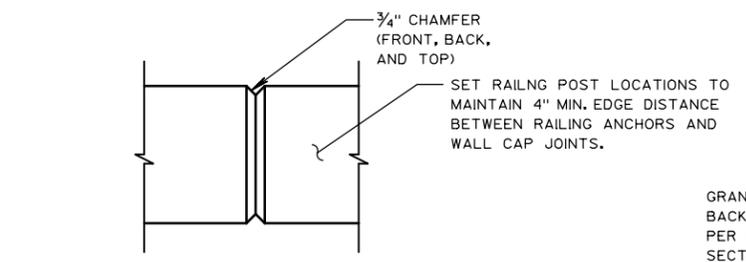


1
14 **RETAINING WALL SECTION AT STAIRS**



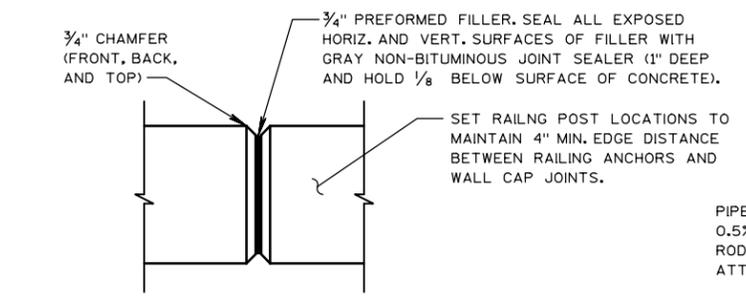
NOTES:
DIMENSIONS ARE APPROXIMATE. THE GRATE IS SIZED TO FIT INTO A PIPE COUPLING. ORIENT SHIELD SO SLOTS ARE VERTICAL.
THE RODENT SHIELD, PIPE COUPLING AND ATTACHMENT SCREWS SHALL BE INCLUDED WITH BID ITEM "PIPE UNDERDRAIN WRAPPED 6-INCH."
THE RODENT SHIELD SHALL BE A PVC GRATE SIMILAR TO THIS DETAIL. THE GRATE IS COMMERCIALY AVAILABLE AS A FLOOR STRAINER. A PIPE COUPLING IS REQUIRED FOR THE ATTACHMENT OF THIS SHIELD TO THE EXPOSED END OF THE PIPE UNDERDRAIN. THE SHIELD SHALL BE FASTENED TO THE PIPE COUPLING WITH TWO OR MORE NO. 10 x 1-INCH STAINLESS STEEL SHEET METAL SCREWS.

RODENT SHIELD DETAIL



A
14 **WALL CAP CONTRACTION JOINT**

DO NOT RUN BAR STEEL THRU JOINT. MAX. SPACING OF JOINT = 12 FT. SET LOCATION TO ALIGN WITH MODULAR BLOCK JOINT BELOW.

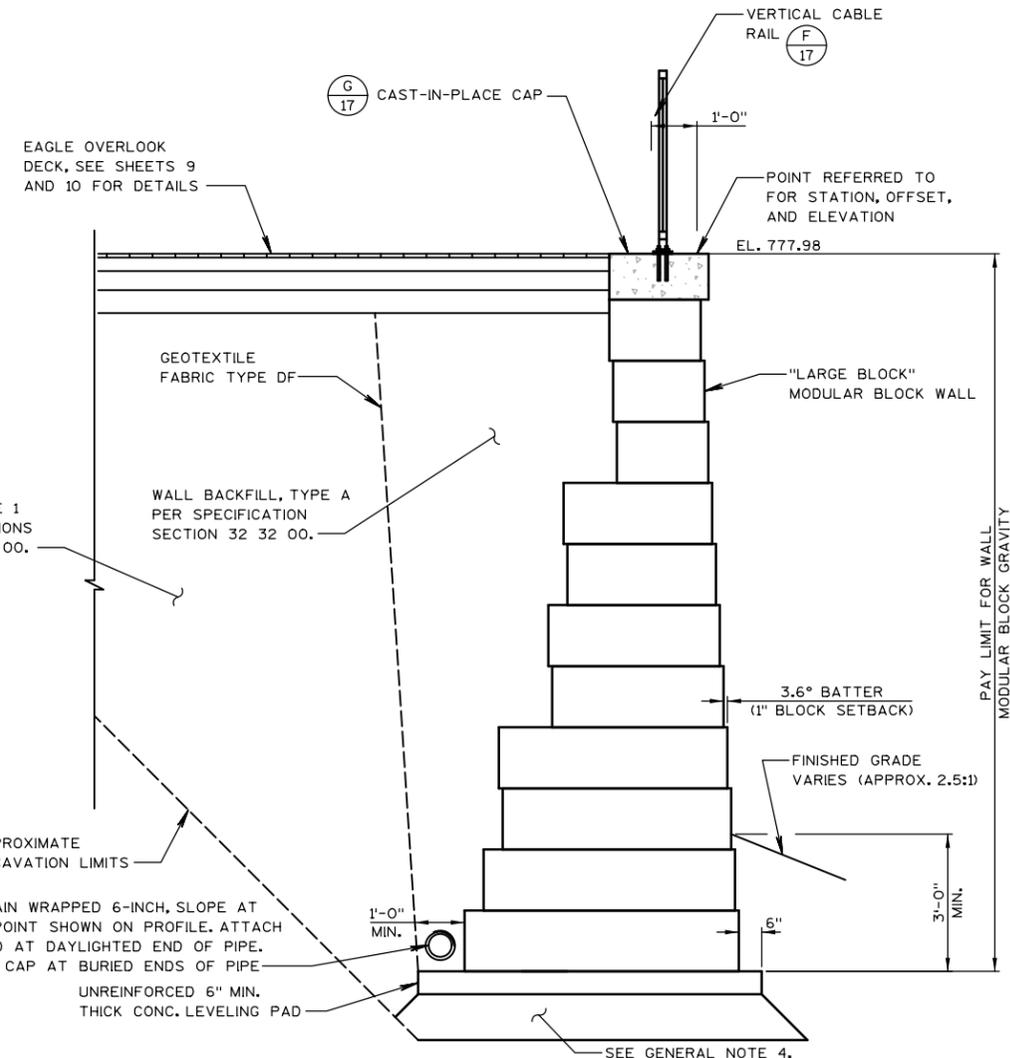


B
14 **WALL CAP EXPANSION JOINT**

DO NOT RUN BAR STEEL THRU JOINT. MAX. SPACING OF JOINT = 50 FT. SET LOCATION TO ALIGN WITH MODULAR BLOCK JOINT BELOW.

GENERAL NOTES

1. THE CONTRACTOR SHALL PROVIDE COMPLETE DESIGN, PLANS, DETAILS, SPECIFICATIONS, AND SHOP DRAWINGS FOR THE RETAINING WALL IN ACCORDANCE WITH THE SPECIFICATIONS. THE RETAINING WALL MANUFACTURER SHALL PROVIDE TECHNICAL ASSISTANCE TO THE CONTRACTOR DURING CONSTRUCTION. THE COST OF FURNISHING THESE ITEMS SHALL BE INCLUDED IN THE BID ITEM "WALL MODULAR BLOCK GRAVITY".
2. PLANS, ELEVATIONS, AND DETAILS SHOWN ON THESE DRAWINGS ARE INTENDED TO INDICATE WALL LOCATIONS, LENGTHS, HEIGHTS, AND DETAILS COMMON TO THE WALL SYSTEM SELECTED. THE CONTRACTOR SHALL VERIFY THAT THE WALL SYSTEM SELECTED WILL CONFORM TO THE REQUIRED ALIGNMENTS AND DETAILS.
3. THE RETAINING WALL IS TO BE DESIGNED USING THE ELEVATIONS GIVEN ON THE WALL PROFILE SHEET.
4. EXCAVATE FILL SOILS AT LEAST 1-FOOT BELOW LEVELING PAD AND RECOMPACT. PROJECT SOILS ENGINEER SHALL OBSERVE AND APPROVE THE WALL SUBGRADE CONDITION PRIOR TO WALL CONSTRUCTION. PLACE 12" COMPACTED CRUSHED STONE MEETING ASTM C33 SIZE NO. 67.
5. SEE SPECIFICATIONS FOR AESTHETIC TREATMENT TO WALL.
6. SEE GEOTECHNICAL REPORT INCLUDED IN THE SPECIFICATIONS FOR SOIL DESIGN VALUES.
7. FINAL DESIGN FOR SLIDING, ECCENTRICITY, AND BEARING RESISTANCE OF WALL IS THE RESPONSIBILITY OF THE CONTRACTOR'S WALL DESIGNER.
8. DESIGN FOR A LIVE LOAD SURCHARGE 100 PSF.
9. APPLY STAIN FROM TOP OF WALL TO 1'-0" BELOW FINISHED GRADE ON FRONT FACE OF WALL.
10. PROVIDE TEMPORARY SHORING TO PROTECT EXISTING WALLS AS REQUIRED TO CONSTRUCT NEW RETAINING WALL. TEMPORARY SHORING SHALL BE INCLUDED WITH THE BID ITEM "WALL MODULAR BLOCK GRAVITY".
11. PROVIDE CAST-IN-PLACE CAP EXPANSION AND CONTRACTION JOINTS PER DETAILS ON THIS SHEET.
12. EXCAVATION FOR WALL IS INCLUDED WITH THE BID ITEM "WALL MODULAR BLOCK GRAVITY".



2
14 **RETAINING WALL SECTION AT EAGLE OVERLOOK**

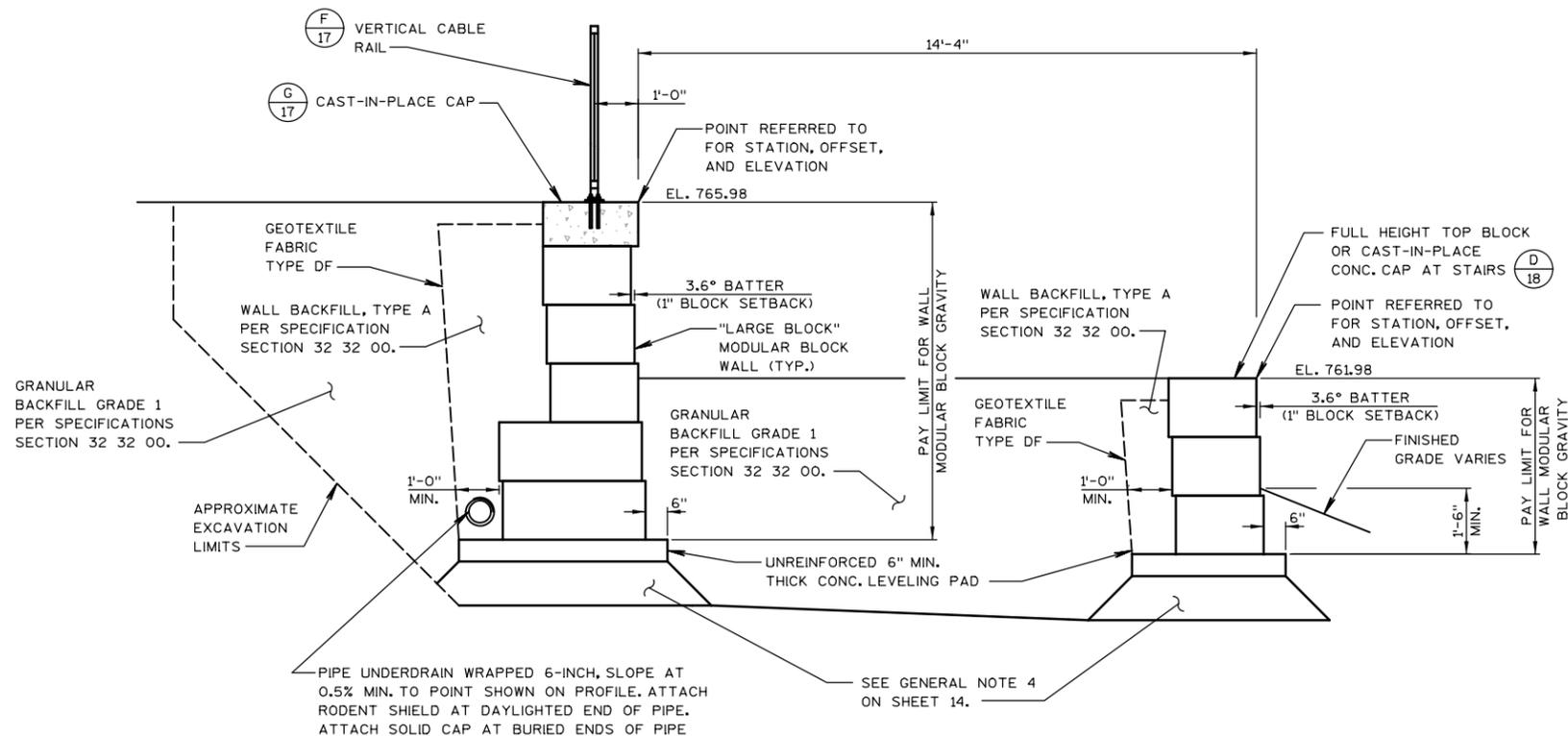
NO.	REVISIONS	DATE
1	ISSUED FOR BID	1/30/20

RETAINING WALL DETAILS - 1
 DOWNTOWN RIVERFRONT PARK AND PARKING LOT IMPROVEMENTS
 VILLAGE OF PRAIRIE DU SAC
 SAUK COUNTY, WISCONSIN

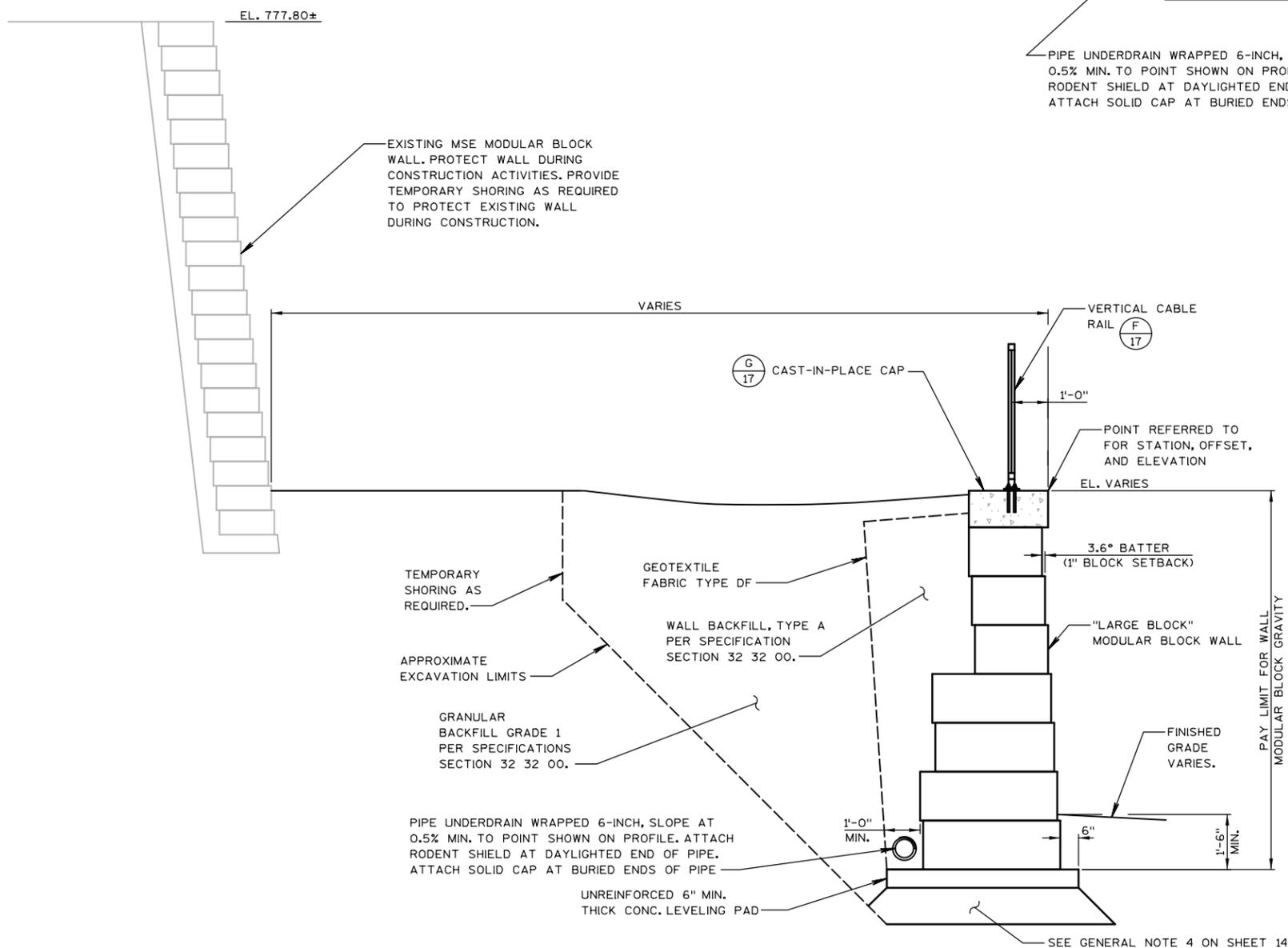
JOB NO.
1381.062
 PROJECT MGR.
TGS



SHEET
14



1
15 **RETAINING WALL SECTION AT LOWER WALL**



2
15 **RETAINING WALL SECTION**

GENERAL NOTES

SEE GENERAL NOTES ON SHEET 14.

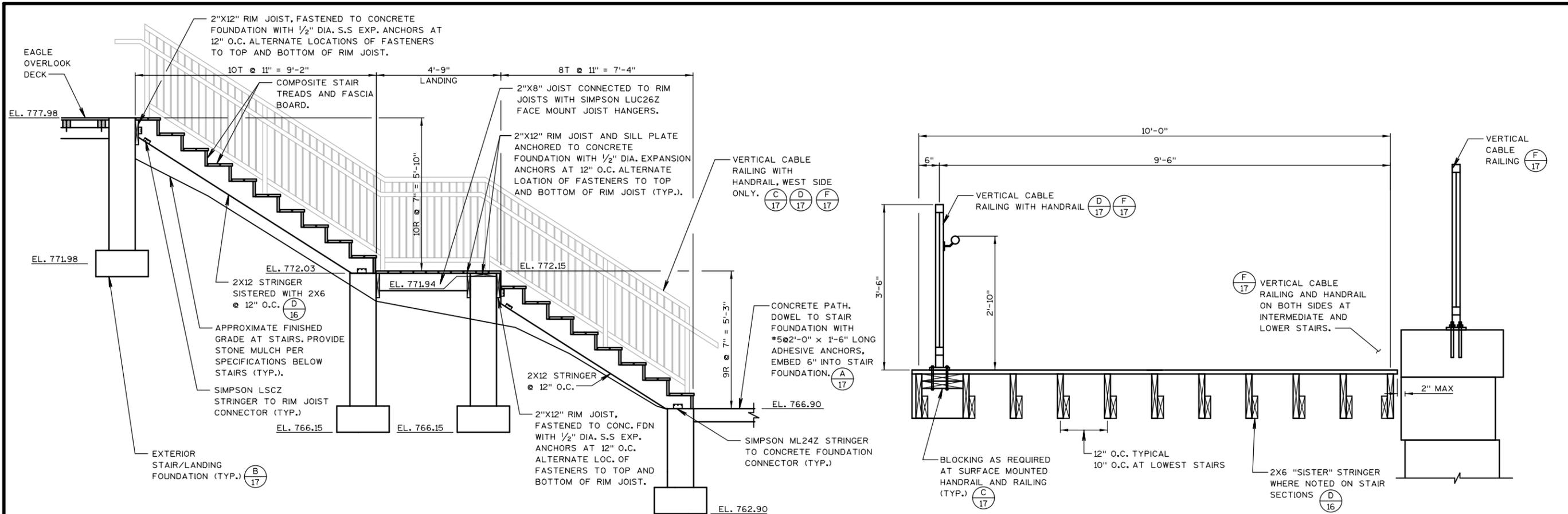
NO.	REVISIONS	DATE
1	ISSUED FOR BID	1/30/20

**RETAINING WALL
DETAILS - 2**
 DOWNTOWN RIVERFRONT PARK AND PARKING LOT IMPROVEMENTS
 VILLAGE OF PRAIRIE DU SAC
 SAUK COUNTY, WISCONSIN

JOB NO.
1381.062
PROJECT MGR.
TGS

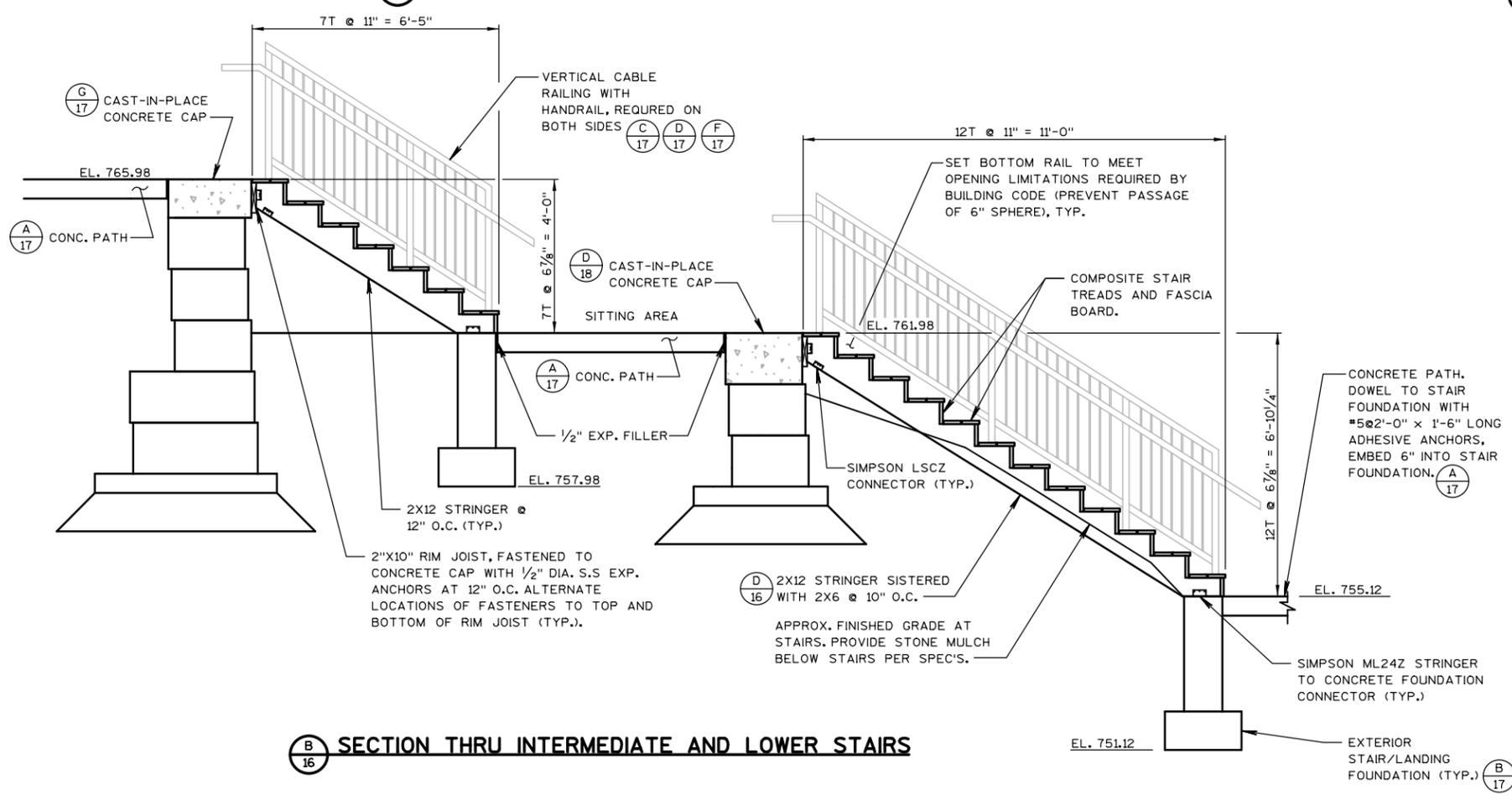


SHEET
15



A-16 SECTION THRU UPPER STAIRS

C-16 TYPICAL SECTION THRU UPPER STAIRS
(INTERMEDIATE AND LOWER STAIRS SIMILAR)



B-16 SECTION THRU INTERMEDIATE AND LOWER STAIRS

D-16 STAIR STRINGER DETAIL

GENERAL NOTES

COMPOSITE DECKING TREADS SHALL BE FASTENED PER MANUFACTURERS RECOMMENDATIONS. PROVIDE VERTICAL FASCIA BOARD TO MATCH TREADS.

STAIR JOISTS, BLOCKING, AND SILL PLATES SHALL BE PRESURE TREATED SOUTHERN PINE, GRADE NO. 2 PER SPECIFICATIONS.

ALL BOLTS, WASHERS, AND OTHER HARDWARE SHALL BE GALVANIZED. ANY EXPOSED DECKING AND FASCIA SCREWS SHALL BE SS.

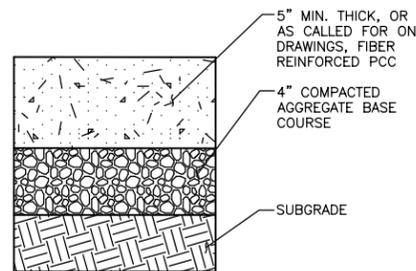
NO.	REVISIONS	DATE
1	ISSUED FOR BID	1/30/20

STAIR DETAILS
 DOWNTOWN RIVERFRONT PARK AND PARKING LOT IMPROVEMENTS
 VILLAGE OF PRAIRIE DU SAC
 SAUK COUNTY, WISCONSIN

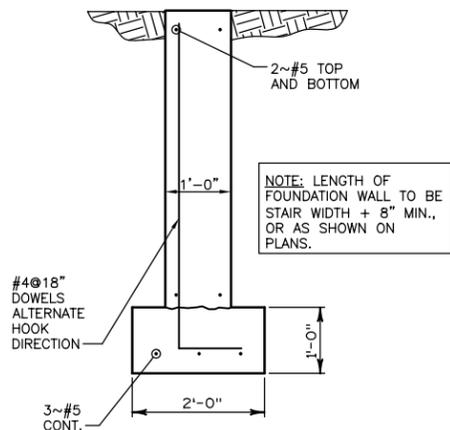
JOB NO.
 1381.062
 PROJECT MGR.
 TGS



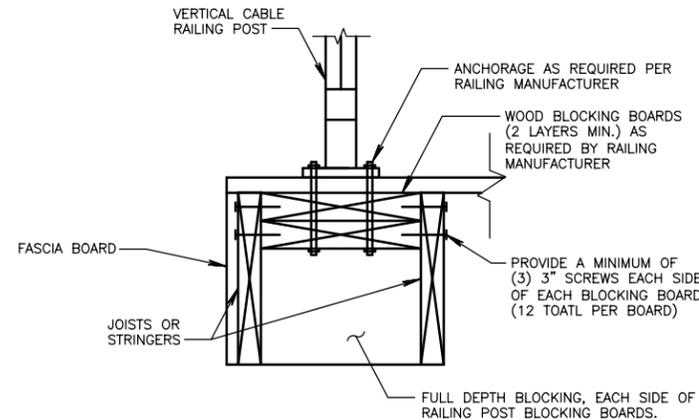
SHEET
 16



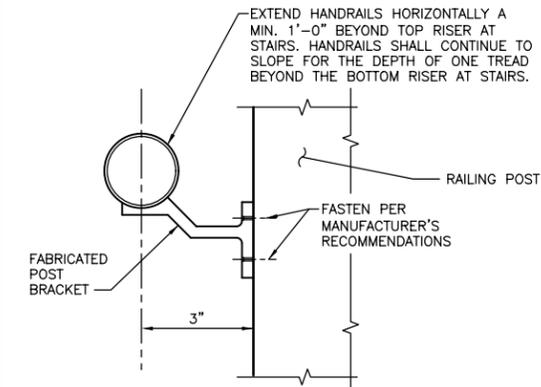
A CONCRETE SIDEWALK
NO SCALE



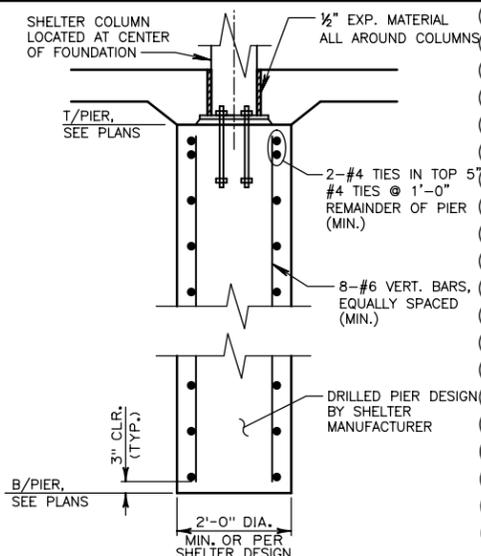
B EXTERIOR STAIR / LANDING FOUNDATION
NO SCALE



C RAILING TOP MOUNTING AT DECK
NO SCALE

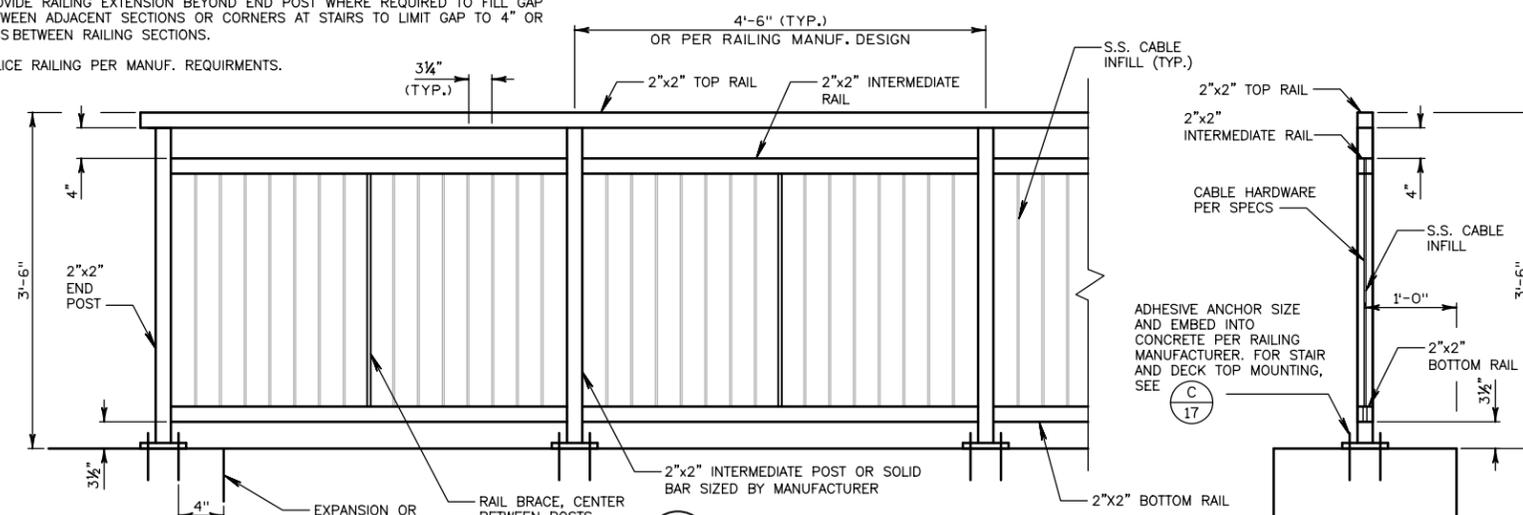


D HANDRAIL POST MOUNTING
NO SCALE

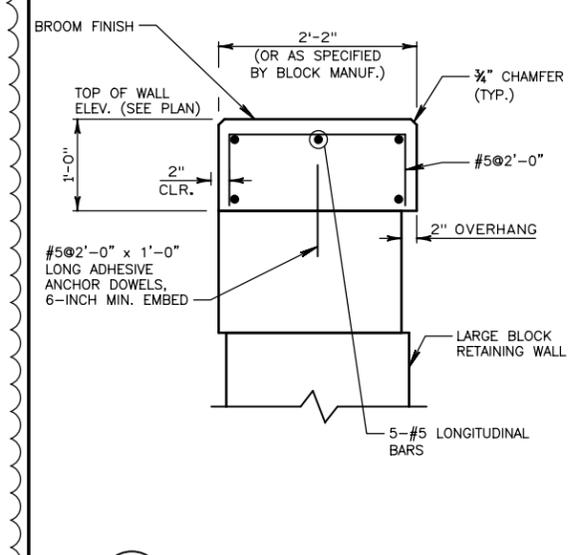


E SHELTER DRILLED PIER
NO SCALE

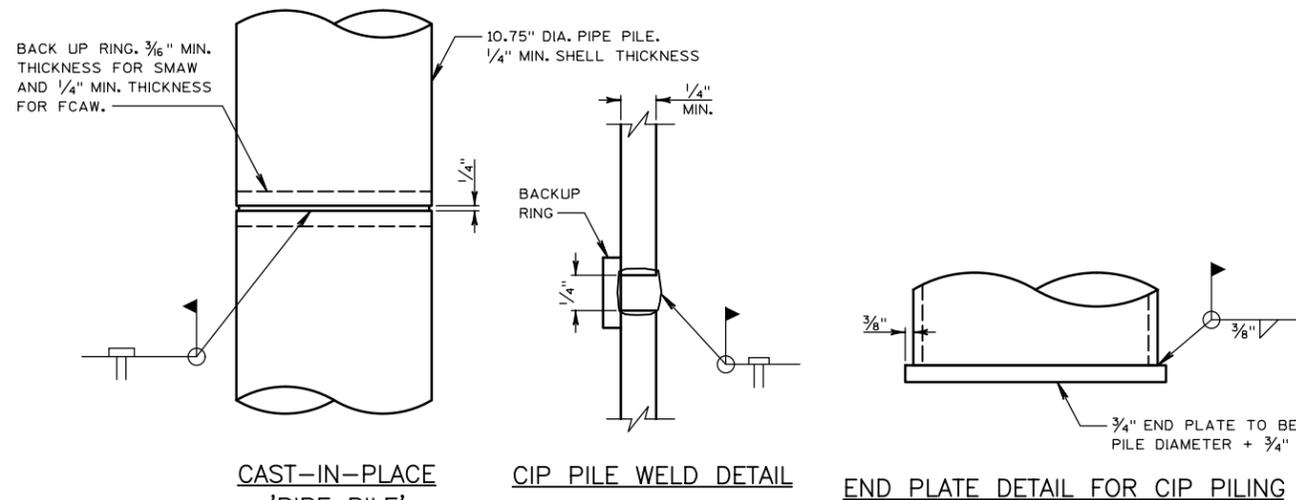
- NOTES:
- SEE SPECIFICATION SECTION 05 73 16 FOR ADDITIONAL CABLE RAILING INFORMATION.
 - PROVIDE RAILING EXTENSION BEYOND END POST WHERE REQUIRED TO FILL GAP BETWEEN ADJACENT SECTIONS OR CORNERS AT STAIRS TO LIMIT GAP TO 4" OR LESS BETWEEN RAILING SECTIONS.
 - SPLICE RAILING PER MANUF. REQUIREMENTS.



F VERTICAL CABLE RAILING
NO SCALE



G C.I.P. CONCRETE WALL CAP
NO SCALE

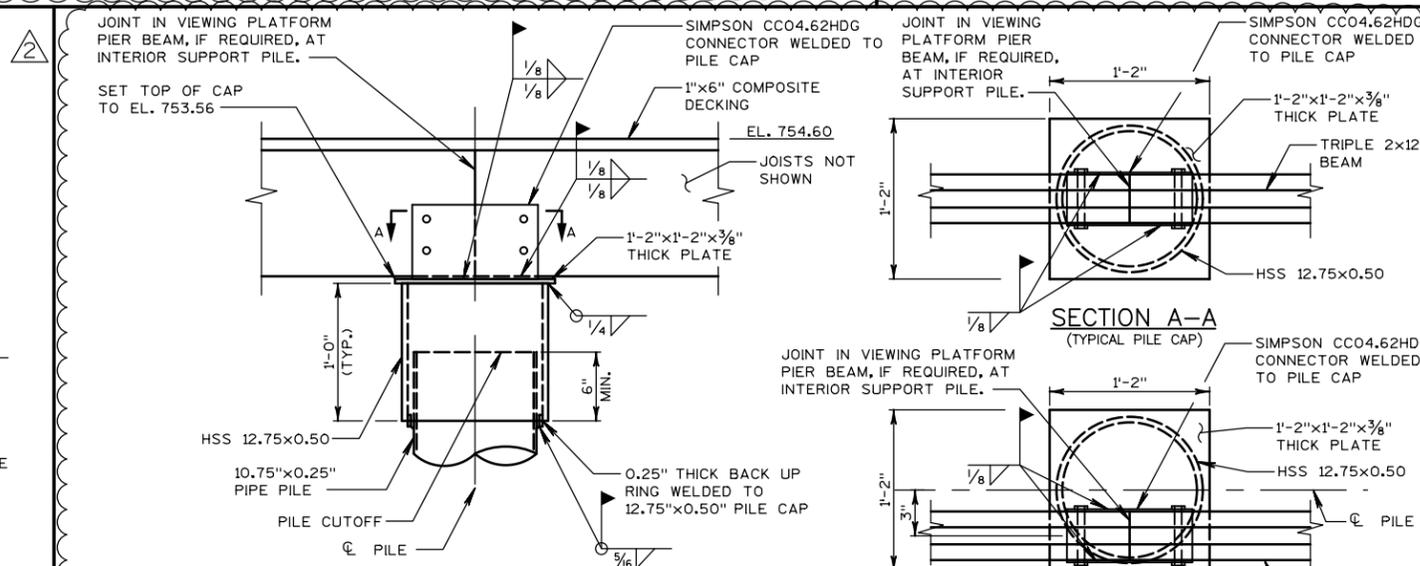


CAST-IN-PLACE "PIPE PILE"

CIP PILE WELD DETAIL

END PLATE DETAIL FOR CIP PILING

H 10.75"x0.25" C.I.P. CONCRETE PILE
NO SCALE



ELEVATION

J STEEL PILE CAP
NO SCALE

SECTION A-A (PILE CAP AT PIER 5 AND PIER 7)

DATE:	ISSUED FOR BID	ADDENDUM NO. 1
1/30/20		
2/14/20		

NO.	REVISIONS
1	ISSUED FOR BID
2	ADDENDUM NO. 1

STRUCTURAL DETAILS - 1

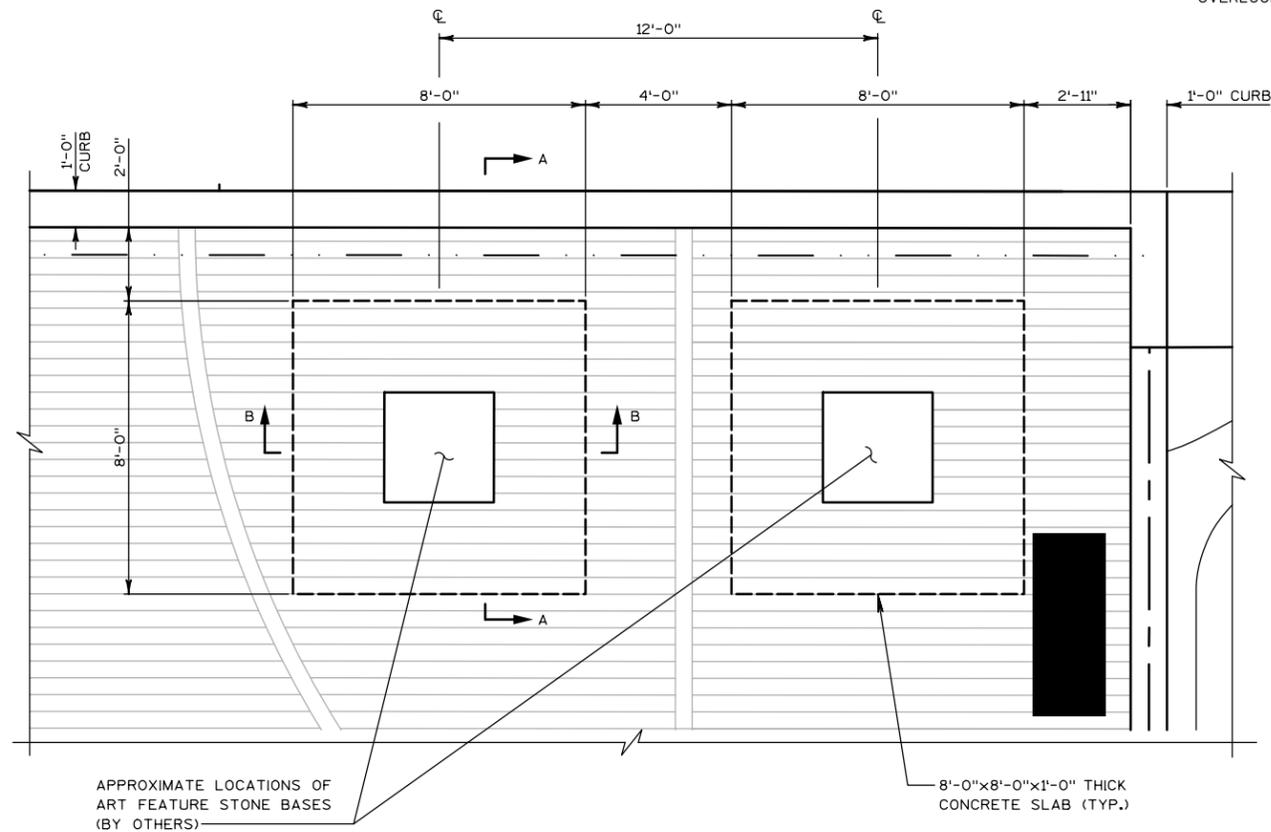
DOWNTOWN RIVERFRONT PARK AND PARKING LOT IMPROVEMENTS
VILLAGE OF PRAIRIE DU SAC
SAUK COUNTY, WISCONSIN

JOB NO. 1381.062
PROJECT MGR. TGS



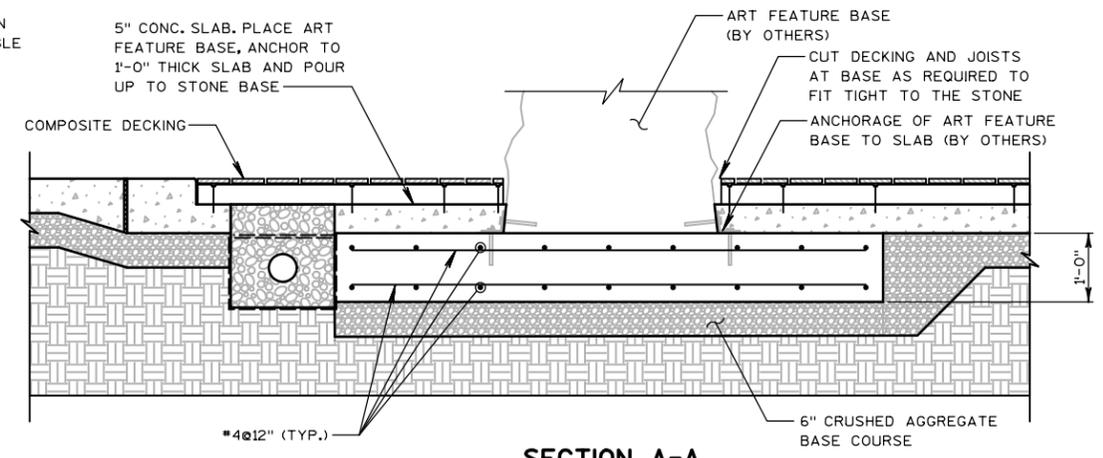
SHEET 17

NOTE:
SEE DETAILS AND SECTIONS ON
SHEET 10 FOR ADDITIONAL EAGLE
OVERLOOK DECK DETAILS.

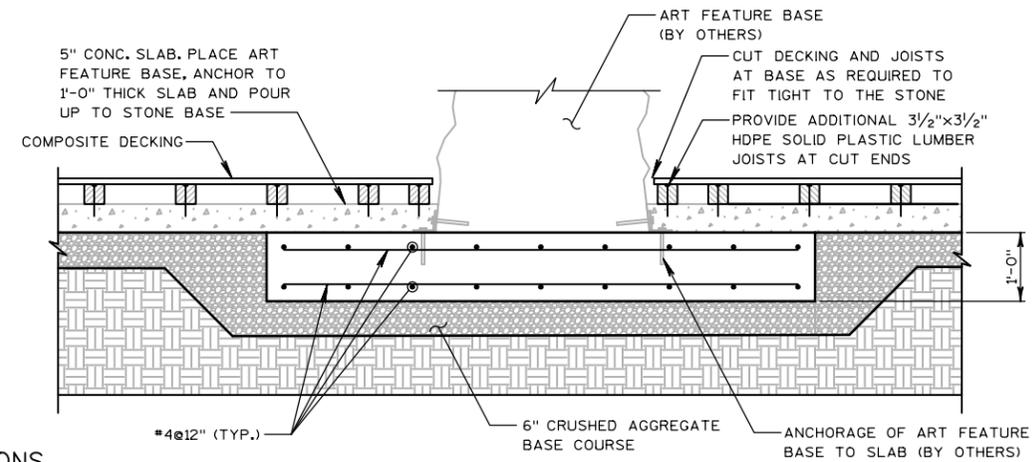


PLAN

A
18 ART FEATURE FOUNDATIONS
NO SCALE

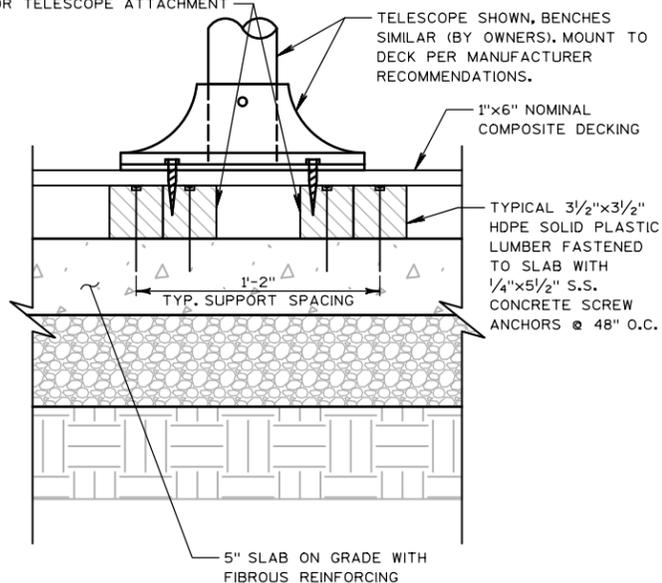


SECTION A-A

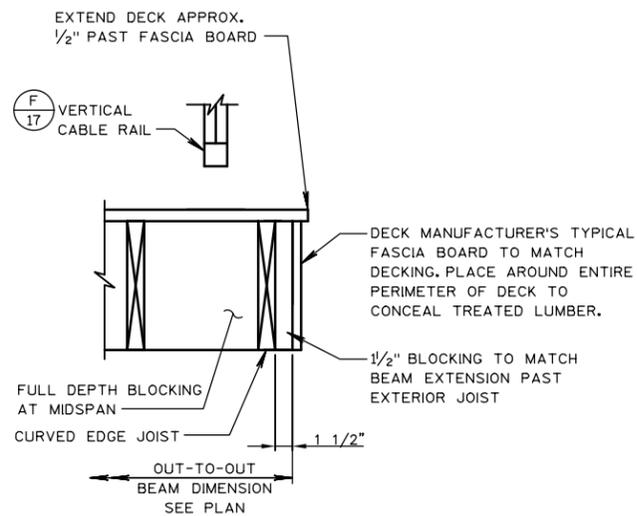


SECTION B-B

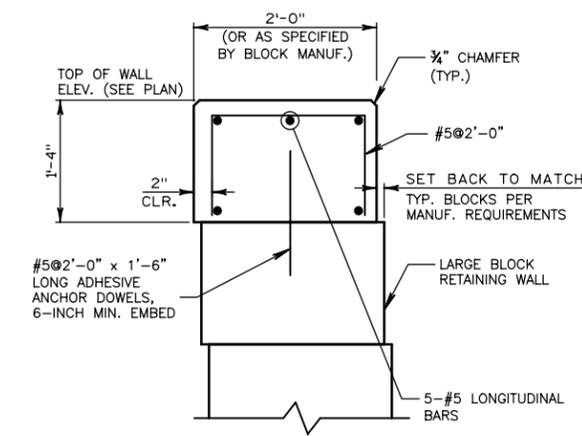
ADDITIONAL 3/2" x 3/2" HDPE SOLID PLASTIC LUMBER FASTENED TO SLAB WITH 1/4" x 5/2" S.S. CONCRETE SCREW ANCHORS @ 48" O.C. BELOW TELESCOPE FASTENERS, PROVIDE AS NECESSARY FOR TELESCOPE ATTACHMENT



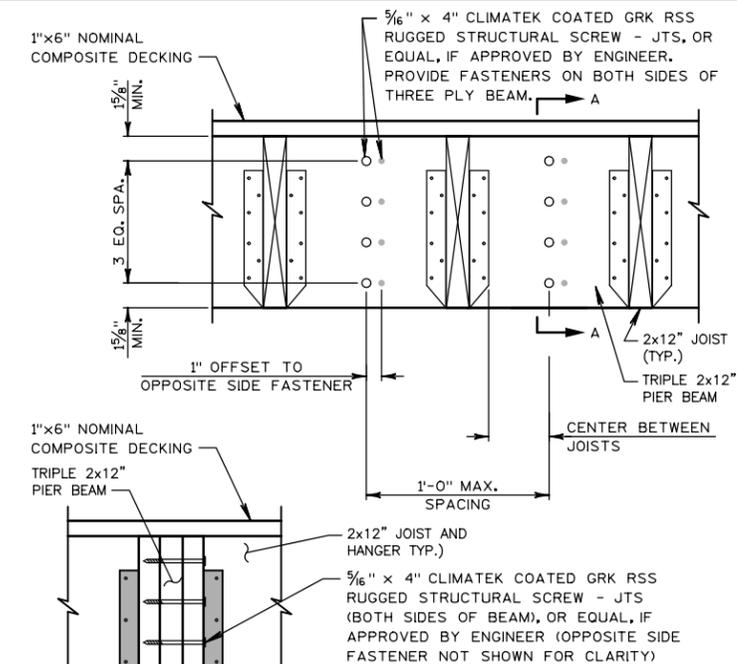
B
18 ADDITIONAL SUPPORT BLOCKING
NO SCALE



C
18 TYPICAL EDGE OF DECK DETAIL
NO SCALE



D
18 CAST-IN-PLACE CONCRETE CAP
AT LOWER WALL STAIRS
NO SCALE



E
18 TRIPLE PLY BEAM CONNECTION DETAIL
NO SCALE

DATE:	REVISIONS	NO.
1/30/20 <td>ISSUED FOR BID <td>1</td> </td>	ISSUED FOR BID <td>1</td>	1
2/14/20 <td>ADDENDUM NO. 1 <td>2</td> </td>	ADDENDUM NO. 1 <td>2</td>	2

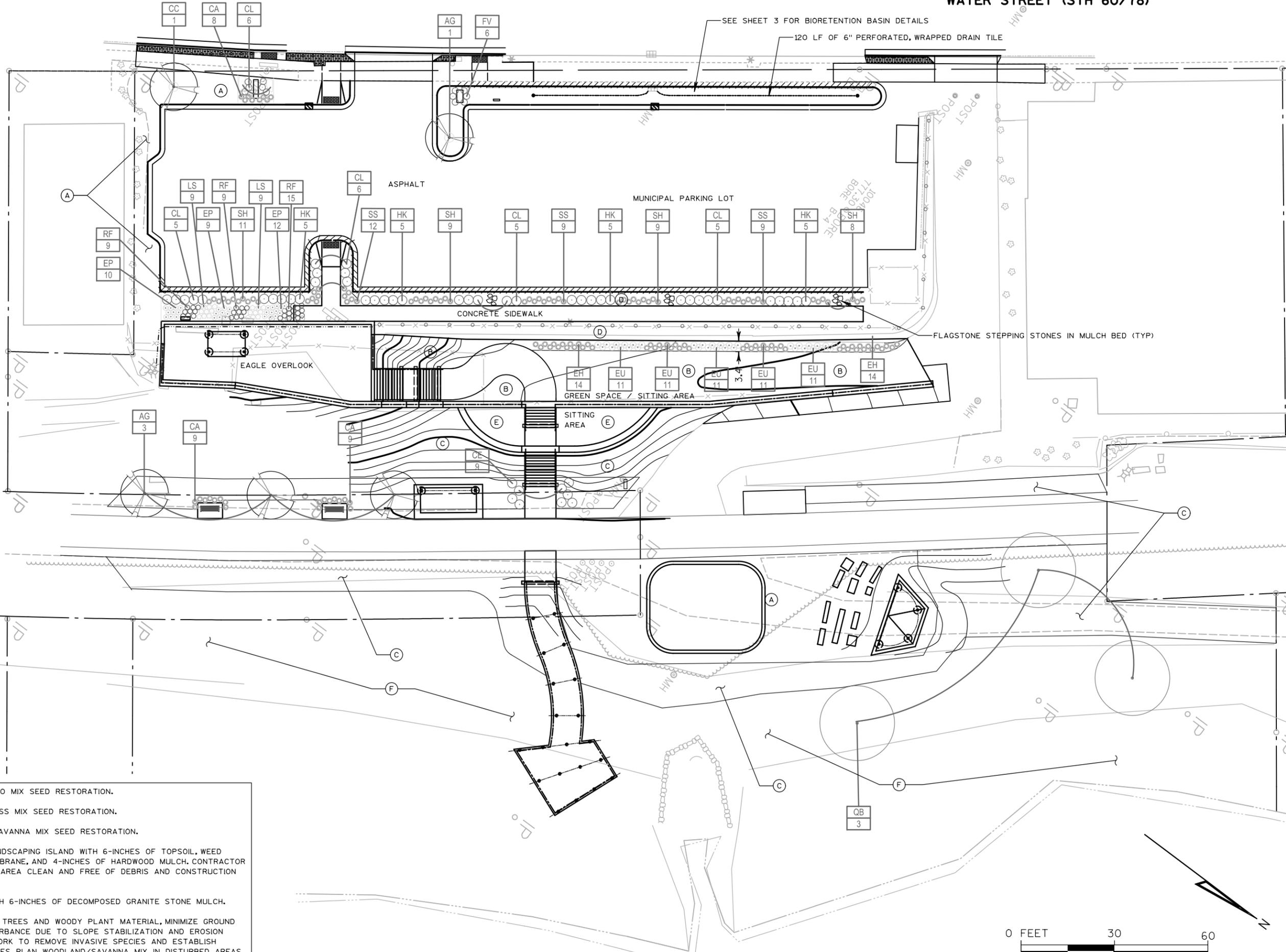
STRUCTURAL DETAILS - 2

DOWNTOWN RIVERFRONT PARK AND PARKING LOT IMPROVEMENTS
VILLAGE OF PRAIRIE DU SAC
SAUK COUNTY, WISCONSIN

JOB NO.
1381.062
PROJECT MGR.
TGS



SHEET
18



NO.	REVISIONS	DATE:
1	ISSUED FOR BID	1/30/20
2	SHRUBS NEAR SIGN	7/13/20

LANDSCAPING PLAN
 DOWNTOWN RIVERFRONT PARK AND PARKING LOT IMPROVEMENTS
 VILLAGE OF PRAIRIE DU SAC
 SAUK COUNTY, WISCONSIN

JOB NO.
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SHEET
19

- (A) WISDOT NO. 40 MIX SEED RESTORATION.
- (B) NO-MOW GRASS MIX SEED RESTORATION.
- (C) WOODLAND/SAVANNA MIX SEED RESTORATION.
- (D) RESTORE LANDSCAPING ISLAND WITH 6-INCHES OF TOPSOIL, WEED BARRIER MEMBRANE, AND 4-INCHES OF HARDWOOD MULCH. CONTRACTOR SHALL KEEP AREA CLEAN AND FREE OF DEBRIS AND CONSTRUCTION WASTE.
- (E) RESTORE WITH 6-INCHES OF DECOMPOSED GRANITE STONE MULCH.
- (F) REMOVAL OF TREES AND WOODY PLANT MATERIAL, MINIMIZE GROUND COVER DISTURBANCE DUE TO SLOPE STABILIZATION AND EROSION CONCERNS. WORK TO REMOVE INVASIVE SPECIES AND ESTABLISH NATIVE SPECIES. PLAN WOODLAND/SAVANNA MIX IN DISTURBED AREAS.



Trees

Quantity	Code	Common Name	Scientific Name	Size	Conditi	Notes
3	AG	Apple Serviceberry	<i>Amelanchier x grandiflora 'Autumn'</i>	1.5 cal.	B&B	Multi stem
1	AG	Apple Serviceberry	<i>Amelanchier x grandiflora 'Autumn'</i>	1.5 cal.	B&B	single stem on
1	CC	Musclewood	<i>Carpinus caroliniana</i>	1.5 cal.	B&B	
3	QB	Swamp White Oak	<i>Quercus bicolor</i>	2.5 cal.	B&B	

Avg Ht	Avg Spread
20-25'	20-25'
20-25'	20-25'
20-30'	20-30'
50-60'	50-60'

Shrubs

Quantity	Code	Common Name	Scientific Name	Size	Conditi	Notes
9	CE	New Jersey Tea	<i>Ceanothus americanus</i>	3 gal.	Cont.	
27	CL	Sumersweet Clethra	<i>Clethra alnifolia 'Hummingbird'</i>	3 gal.	Cont.	
20	HK	St John's Wort	<i>Hypericum kalmianum</i>	3 gal.	Cont.	
6	FV	Bronx Dwarf Forsythia	<i>Forsythia viridissima 'Bronxensis'</i>	2 gal.	Cont.	

Avg Ht	Avg Spread
3'	3-5'
3'	4-5'
2-3'	2-3'
1-2'	2-3'

Perennials

Quantity	Code	Common Name	Scientific Name	Size	Conditi	Notes
26	CA	Karl Foerster	<i>Calamagrostis x acutiflora 'Karl Foerster'</i>	1 gal.	Cont.	
31	EP	Purple Coneflower	<i>Echinacea purpurea</i>	1 gal.	Cont.	
18	LS	Blazing Star	<i>Liatris spicata</i>	1 gal.	Cont.	
33	RF	Goldsturm Black-Eyed Susan	<i>Rudbeckia fulgida var. sullivantii 'Goldsturm'</i>	1 gal.	Cont.	
37	SH	Prairie Dropseed	<i>Sporobolus heterolepsis</i>	1 gal.	Cont.	
30	SS	Little Bluestem	<i>Schizachyrium scoparium 'The Blues'</i>	1 gal.	Cont.	
64	EH	Bottlebrush Grass	<i>Elymus hystrix</i>	1 gal.	Cont.	
33	EU	Sweet Joe Pye Weed	<i>Eupatorium purpureum</i>	1 gal.	Cont.	

Avg Ht	Avg Spread
3-5'	1.5-2'
2-4'	1.5-2'
2-3'	1'
2'	1.5-2'
2-3'	1'
1.5-2'	1.5-2'
2-5'	1.5'
4-6'	1.5-2'

Bio Retention

Quantity	Code	Common Name	Scientific Name	Size	Conditi	Notes
	CR	Crested Sedge	<i>Carex cristatella</i>	3"	Cont.	
	CV	Fox Sedge	<i>Carex vulpinoidea</i>	3"	Cont.	
	IR	Blue Flag Iris	<i>Iris versicolor</i>	3"	Cont.	
	LS	Blazing Star	<i>Liatris spicata</i>	3"	Cont.	
	SH	Prairie Dropseed	<i>Sporobolus heterolepsis</i>	3"	Cont.	
	SS	Little Bluestem	<i>Schizachyrium scoparium 'The Blues'</i>	3"	Cont.	

Avg Ht	Avg Spread
1-3'	1'
1-3'	1'
2-2.5'	1.5'
2-3'	1'
2-3'	1'
1.5-2'	1'

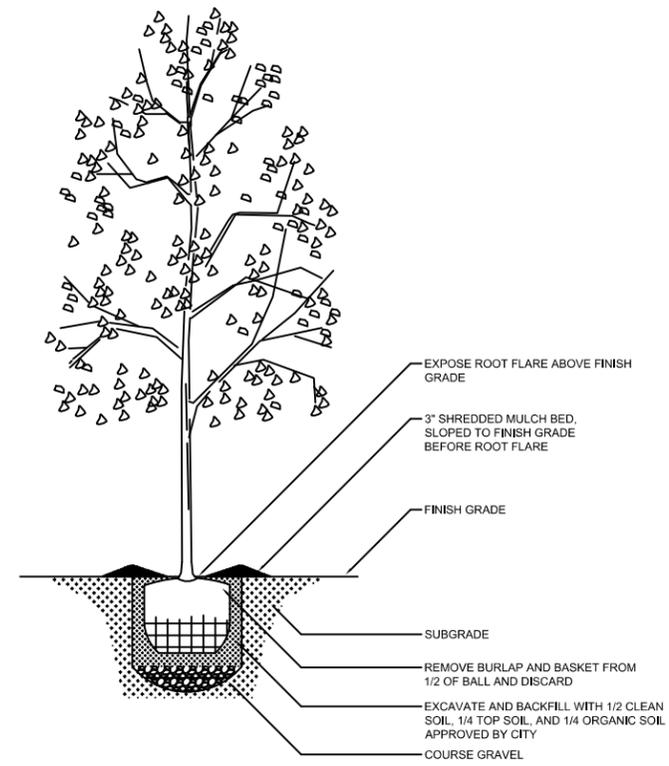
Seed Mixes

Quantit	Code	Common Name	Conditi	Notes
		"Woodland Edge/Savanna Mix for Medium Soils" By Prairie Nursery		Seed Mix
		"No Mow Lawn Seed Mix" By Prairie Nursery		Seed Mix

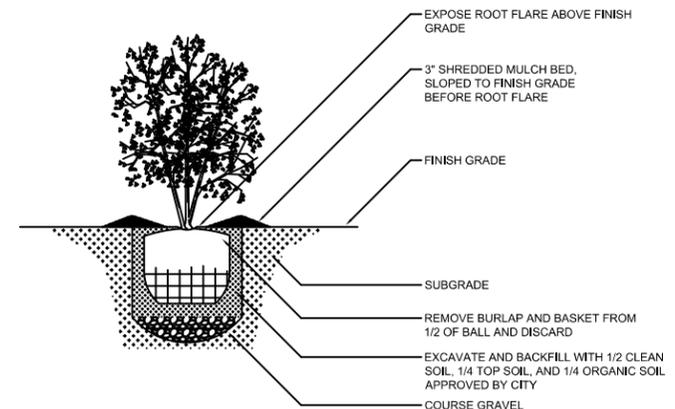
Street trees with ~36" bark mulch ring in lawn

Shrubs, perennials and grasses in bark mulch bed

"Woodand Edge/Savanna Mix for Medium Soils" and "No-Mow Lawn Mix" by Prairie Nursery - installed by contractor familiar with installing and establishing prairie seed mixes



Tree Planting 1/4" = 1'-0"



Shrub Planting 1/2" = 1'-0"

DATE:	1/30/20	7/13/20
REVISIONS	ISSUED FOR BID	SHRUBS NEAR SIGN
NO.	1	2

LANDSCAPING NOTES
 DOWNTOWN RIVERFRONT PARK AND PARKING LOT IMPROVEMENTS
 VILLAGE OF PRAIRIE DU SAC
 SAUK COUNTY, WISCONSIN

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SHEET
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