CITY OF STOUGHTON
PARKS & RECREATION DEPARTMENT

Dan Glynn, Director
Tony King, Recreation Supervisor
Greg Hoyte, Youth Center Manager
207 S. Forrest Street Stoughton, WI 53589
(608) 873-6746 www.stoughtonrec.com

Date: January 20, 2021

From: Dan Glynn, Parks & Recreation Director

Subject: Rotary Park Improvements

The Rotary Park Improvements project includes installing a pre-fab restroom, accessible pathways, parking lot improvements, and connecting the Main St/Opera House parking lot to the park. The project's initial budget in 2020 was based on an engineer's estimate. As engineering and design progressed, it was found that the utility connection at 7th Street would require extensive excavation and the building would require a more extensive foundation than initially thought due to poor soils. After the design engineering was completed, the engineer's probable opinion of cost was $192,217 with a 15% contingency and over the budgeted amount.

We decided to bid the project in June 2020 to see what the results would be. The base bid included installing the restroom and pathway from 7th Street to the restroom building. The alternative bid included the other improvements to the park previously mentioned. We received two bids with the low base bid being $213,050 and the low bid with the alternative being $302,700.

As budget preparation for 2021 began, I included in the 2021 CIP the difference between the original budget and engineer's opinion of probable cost. When the budget was passed, we re-bid the project with the same base bid and alternative. The bid opening was on January 14, 2021 and we received three bids. Joe Daniels Construction was the low bidder for the base bid at $213,000. Their alternative bid was $321,000. Speedway Sand and Gravel was the low bidder for the base bid at $228,000 plus the alternative bid of $47,650, for a total of $275,650.

Rebidding the project reduced the total project cost by approximate $27,000. I don't believe re-bidding it for a third time would provide better pricing. The project will still need to have timed electric locks installed (standard on our park restrooms and shelters), electricity ran to the building, trash cans and other furnishings not included with the building. There is also $9,000 left on our contract with Strand & Associates to be used for construction oversight. Unfortunately, this means the project will be over budget by approximately $90,000.

Once I realized the project would be over budget, I asked Director Friedl what the balance was in the Park Development Fund for general park improvements. He provided a report which stated as of 12/31/20, the balance in the account was $130,264. The account would have no problem cash flowing the difference.

Restrooms were also the fourth most requested facility in parks when we surveyed residents as part of the 2018 Comprehensive Outdoor Recreation Plan. Rotary Park also ranked as the third most used park behind Mandt Park and our trails. Due to the community-wide use of the park and need for the restrooms, I believe it would be a good use of the funds. $74,500 was also fundraised for this project.

The Parks & Recreation Committee on January 19, 2021 made a recommendation to the Finance Committee to accept Speedway Sand & Gravel's bid with alternative and use the Park Development Fund to cover the funding gap. This motion passed unanimously.

Dan Glynn
Parks & Recreation Director
City of Stoughton
608-873-6746
dglynn@ci.stoughton.wi.us

City of Stoughton, 207 S. Forrest Street, Stoughton WI 53589

RESOLUTION OF THE COMMON COUNCIL

Authorize the Parks & Recreation Director to accept the bid and bid alternative from Speedway Sand & Gravel for Rotary Park improvements and use Park Development Funds not to exceed $90,000 to cover the funding gap.

Committee Action:	Parks & Recreation Committee approved 4-0 on 1/19/2021 Finance Committee approved _ - _ on 1/26/2021
Fiscal Impact:	Not to exceed $90,000 from the Park Development Fund

File Number:	R- -2021	**Date Introduced:**	February 9, 2021

WHEREAS, the Rotary Park improvements include an accessible pathway from the Opera House parking lot to the park, an accessible pathway from the fire station side of the park to 7th Street, restrooms, and landscaping improvements; and

WHEREAS, it was unknown during the original estimate for the project that the restrooms would need an extensive foundation due to poor soils and utilities at 7th Street would require complicated excavation to reach. Those two items caused additional expense; and

WHEREAS, Additional monies were added to the 2021 CIP to cover the additional expense up to the engineer's opinion of probably cost; and

WHEREAS, the project was bid in 2020 and re-bid in 2021. The re-bid provided savings of approximately $27,000; and

WHEREAS, the project will be over budget; and

WHEREAS, as of December 31, 2020, there was $130,264 in the Park Development Fund designated for park improvements; and

WHEREAS, the park is the third most used park according to the 2018 Comprehensive Outdoor Recreation Plan and restrooms was one of the top most wanted features by survey respondents; and

WHEREAS, the City would be able to complete the project by utilizing up to $90,000 from the Park Development Fund.

BE IT RESOLVED by the Common Council of the City of Stoughton hereby authorizes the Parks & Recreation Director to accept the bid and bid alternative from Speedway Sand & Gravel and use Park Development Funds not to exceed $90,000 to cover the funding gap.

Council Action: ☐ **Adopted** ☐ **Failed** **Vote** _____

Mayoral Action: ☐ **Accept** ☐ **Veto**

_____

Mayor Tim Swadley Date

Council Action: _____ ☐ **Override** **Vote** _____

Strand Associates, Inc.®
910 West Wingra Drive
Madison, WI 53715
(P) 608.251.4843

January 15, 2021

Mr. Dan Glynn, CPRP, Parks and Recreation Director
City of Stoughton
207 South Forrest Street
Stoughton, WI 53589

Re: Rotary Park Improvements
Contract No. 1-2021
City of Stoughton, Wisconsin

Dear Dan,

Bids for the above-referenced project were opened on January 14, 2021. Three bids were received with the resulting bid tabulation enclosed.

Joe Daniels Construction Co., Inc. of Madison, Wisconsin, was the low bidder for the base bid at $213,000. Joe Daniels Construction Inc.'s bid for Alternative Bid No. 1 was $108,000. The total bid for the base bid plus Alternative Bid No. 1 was $321,000. The bid included a bid bond for 10 percent. The bid is deemed to be responsive.

Speedway Sand and Gravel, Inc. of Middleton, Wisconsin, was the low bidder for the base bid of $228,000 plus Alternative Bid No. 1 of $47,650, for a total bid of $275,650.

The base bid includes construction of the restroom building, utility connections, and site work in the immediate area. Alternative Bid No. 1 includes a new sidewalk connection between the new restroom building and the parking lot near the fire station, along with related miscellaneous site work.

This is a rebid of the project that was originally bid in June 2020. The low bid for the base bid and alternative bid was $302,700. Rebidding reduced the total project cost by approximately $27,000.

Strand Associates, Inc.® has previously worked with both Joe Daniels Construction, Inc. and Speedway Sand and Gravel, Inc. on projects for the City of Stoughton and the Village of Waunakee. For those projects, the owners determined both contractors to be responsible.

If you determine that Joe Daniels Construction, Inc. or Speedway Sand and Gravel, Inc. to be responsible bidders after your evaluation of their qualifications, we recommend proceeding with award of the Contract in accordance with Article 19 of the Instructions to Bidders.

Sincerely,

STRAND ASSOCIATES, INC.®

Mark A. Fisher, P.E.

Enclosure

c: Rodney Scheel, Director of Planning and Development, City of Stoughton

MAF:ler\R:\MAD\Documents\Specifications\Archive\2021\Stoughton, WI\1040.128.1-2021 Rebid.maf\(16) Specification Letters\(a) Resulting Bid Tabulation\01152021.docx

Rotary Park Improvements											
Contract 1-2021											
City of Stoughton, Wisconsin											
Solicitor: Strand Associates, Inc.											
January 14, 2021 1 PM CT											
						Joe Daniels Construction Co., Inc.		Speedway Sand & Gravel Inc.		Raymond P. Cattell Inc.	
Section Title	Line Item	Item Code	Item Description	UofM	Quantity	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
Rotary Park Improvements							$213,000.00		$228,000.00		$246,327.00
	1	LS	Lump Sum Base Bid	LS	1	$213,000.00	$213,000.00	$228,000.00	$228,000.00	$246,327.00	$246,327.00
Alternative Bid No. 1							$108,000.00		$47,650.00		$67,498.00
	2	AB1	Lump Sum - Additional Site Work	LS	1	$108,000.00	$108,000.00	$47,650.00	$47,650.00	$67,498.00	$67,498.00
Base Bid Plus Alternative Bid No. 1							$321,000.00		$275,650.00		$313,825.00

ROTARY PARK IMPROVEMENTS (REBID)

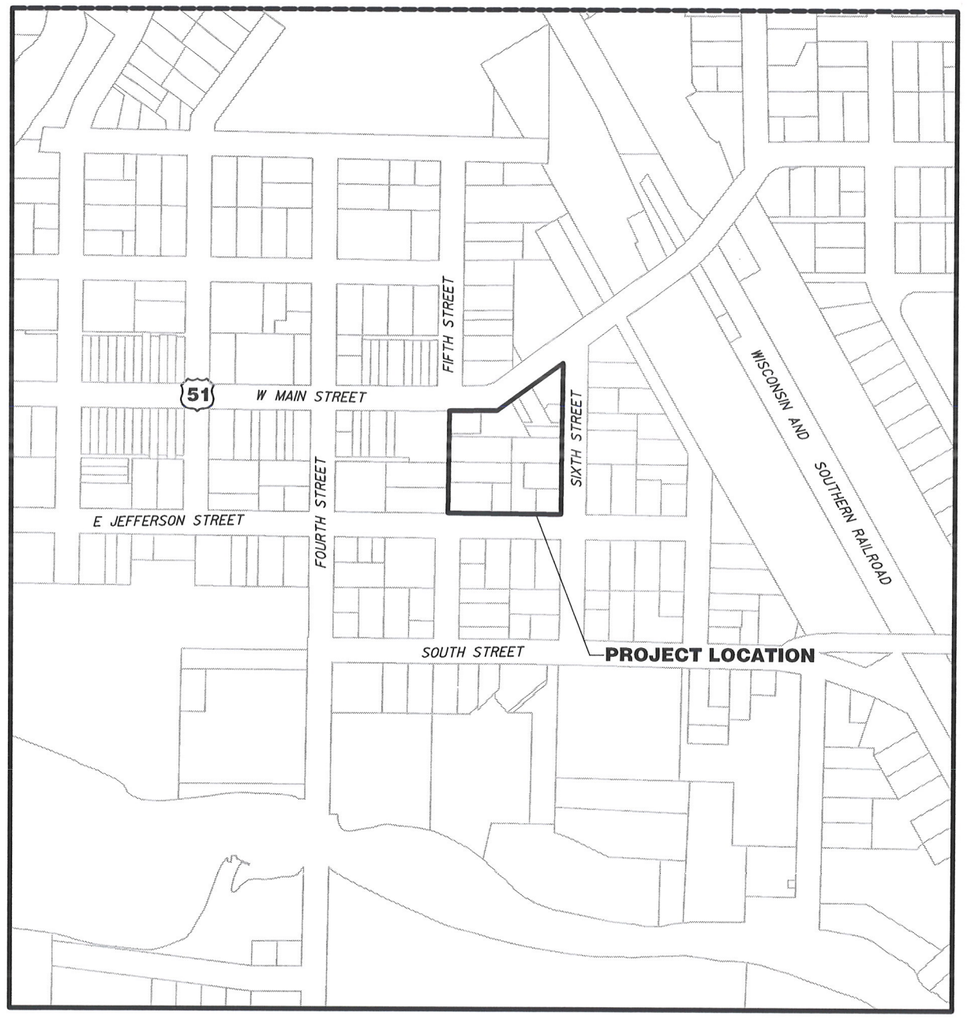
FOR THE

CITY OF STOUGHTON

DANE COUNTY, WISCONSIN

MAY 2020

PROJECT LOCATION MAP
NO SCALE



LIST OF DRAWINGS

SHEET NO.	DRAWING TITLE
1	TITLE SHEET
2	STANDARD NOTES AND SYMBOLS
3	EROSION CONTROL NOTES AND DETAILS
4	SITE, UTILITY, AND RESTORATION PLAN
5	GRADING PLAN
6	FOUNDATION PLAN, SECTIONS, AND DETAILS
7	SITE, UTILITY, AND RESTORATION PLAN - ALTERNATIVE BID NO. 1
8	GRADING PLAN - ALTERNATIVE BID NO. 1

WISCONSIN
ANDREW B CONSTANT
E-47190
MADISON
WI
PROFESSIONAL ENGINEER
12/10/2020

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

CONTRACT NO. 1-2021

PROJECT LOCATION MAP

STRAND ASSOCIATES®

SHEET 1
JOB NO. 1040.128

PROJECT CONTACTS

CITY OF STOUGHTON - PARKS DEPARTMENT
DAN GLYNN
dglynn@ci.stoughton.wi.us
(P) (608)-873-6746

CITY OF STOUGHTON - PLANNING DEPT.
RODNEY SCHEEL - PLANNING DIRECTOR
RJScheel@ci.stoughton.wi.us
(P) (608) 873-6619

CITY OF STOUGHTON - PUBLIC WORKS DEPARTMENT
BRETT HEBERT - PUBLIC WORKS DIRECTOR
BHebert@ci.stoughton.wi.us
(P) (608) 877-8684

STOUGHTON UTILITIES - ELECTRICAL
BYRCE SIME - ELECTRIC SYSTEM SUPERVISOR
BSime@StoughtonUtilities.com
(P) (608) 877-7425

STOUGHTON UTILITIES
JILL WEISS, P.E. - UTILITIES DIRECTOR
JWeiss@StoughtonUtilities.com
(P) (608) 877-7423

STOUGHTON UTILITIES
SEAN GRADY - UTILITIES OPERATIONS SUPERINTENDENT
SOGrady@StoughtonUtilities.com
(P) (608) 877-7416

STOUGHTON UTILITIES - WATER
KENT THOMPSON - WATER SYSTEM SUPERVISOR
KThompson@StoughtonUtilities.com
(P) (608) 877-7422

STOUGHTON UTILITIES - SANITARY SEWER
BRIAN ERICKSON - WASTEWATER SYSTEM SUPERVISOR
BErickson@StoughtonUtilities.com
(P) (608) 877-7421

DIGGERS HOTLINE
Toll Free (800) 242-8511
Milwaukee Area (414) 259-1181
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

HORIZONTAL CONTROL TABLE

CP NO	DESCRIPTION	NORTHING	EASTING
CP-1	MAG NAIL	425241.73	866226.67

VERTICAL BENCHMARK TABLE

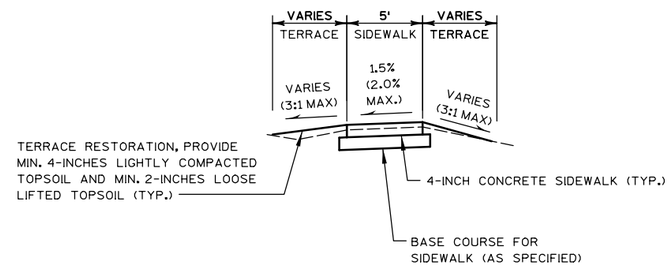
BM NO	DESCRIPTION	ELEV.
BM-1	MAG NAIL LOCATED IN PARKING LOT	877.19

STANDARD SYMBOLS

- PROPERTY LINE AND/OR RIGHT OF WAY
- TEMPORARY EASEMENT
- PERMANENT EASEMENT ON SEWER
- SECTION CORNER
- IP — IRON PIPE
- PROPERTY IRON
- MWEL — MONITORING WELL
- BORE — SOIL BORING
- BENCH MARK
- BURIED TELEPHONE CABLE PEDESTAL
- EXISTING UTILITY POLE
- LIGHT POLE
- TELEPHONE POLE
- PROPANE TANK
- MAIL BOX
- SIGN
- OBJECTS TO BE REMOVED
- CONIFEROUS TREE
- DECIDUOUS TREE
- STUMP
- BUSH
- WETLAND
- PAVED ROAD
- SS — EXISTING CULVERT
- EXISTING CULVERT IN PROFILE
- ORIGINAL GROUND IN PROFILE
- EXISTING CONTOUR
- FENCE
- GUARD RAIL
- SILT FENCE
- CONTROL POINT
- GUY — GUY WIRE
- INLET
- INLET SQUARE
- CATCH BASIN
- MH — MANHOLE
- FIRE HYDRANT
- WV — WATER VALVE
- CURB WATER BOX
- SEPC — SEPTIC
- SEPV — SEPTIC VENT
- WELL — WELL
- CAUTION — NOTATION FOR COMBUSTIBLE FLUIDS
- 6" — NEW WATER MAIN AND FIRE HYDRANT WITH AUXILIARY VALVE
- 6" SAN — NEW SANITARY SEWER AND MANHOLE
- 6" SAN — EXISTING SANITARY SEWER AND MANHOLE
- SAN — WYE BRANCH
- CASING PIPE
- FO — FIBER OPTIC
- SS — STORM SEWER
- SAN — SANITARY SEWER
- F — FORCE MAIN
- E — ELECTRIC DUCT
- STM — STEAM PIPING
- CWR — CHILLED WATER RETURN
- CWS — CHILLED WATER SUPPLY
- TV — TV CABLE
- T — TELEPHONE
- 2" G — GAS MAIN
- E — UNDERGROUND ELECTRIC CABLE
- PROPOSED CONCRETE SIDEWALK
- PROPOSED CURB AND GUTTER
- PROPOSED GRAVEL SHOULDER

TYPICAL SIDEWALK SECTION

NOT TO SCALE



STORM SEWER TABLE (ALTERNATIVE BID NO. 1)

STREET	STRUCTURE	SIZE	RIM/BOC ELEVATION	INVERT	DOWNSTREAM SIZE (IN)	LENGTH (FT)	DOWNSTREAM SLOPE
ROTARY PARK	AEW-1	12" AEW	-	871.25	-	-	-
	MH SS-1	4' DIA. MH	876.30	872.20	12"	28	3.40%
	INL 1.1	2'X3' BOX	877.20	873.20	12"	15	6.60%
	INL 1.2	2'X3' BOX	876.60	872.75	12"	55	1.00%

NO.	REVISIONS	DATE:

STANDARD NOTES AND SYMBOLS

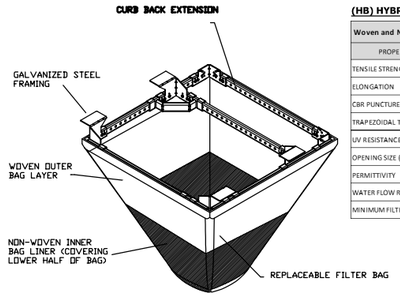
ROTARY PARK IMPROVEMENTS
CITY OF STOUGHTON
DANE COUNTY, WISCONSIN

JOB NO. 1040.128
PROJECT MGR. ABC

STRAND ASSOCIATES®

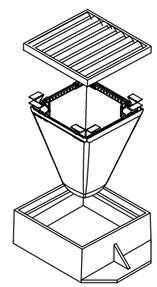
SHEET 2

FLEXSTORM INLET FILTERS TO MEET DANE COUNTY EROSION CONTROL STANDARDS



(HB) HYBRID FILTER BAG SPECIFICATIONS:

Woven and Non-Woven Geotextile Filter Bag Properties (Minimum Average Roll Values)			
PROPERTY	TEST METHOD	WOVEN (OUTER)	NON-WOVEN (LINER)
TENSILE STRENGTH	ASTM D4632	350 x 225 Lbs	100 Lbs
ELONGATION	ASTM D4632	20% x 15%	50%
CBR PUNCTURE	ASTM D6241	1000 Lbs	65 Lbs
TRAPEZOIDAL TEAR	ASTM D4533	110 x 75 Lbs	45 Lbs
UV RESISTANCE	ASTM D4355	90%	70%
OPENING SIZE (AOS)	ASTM D4751	20 US STD SIEVE	40 US STD SIEVE
PERMITTIVITY	ASTM D4491	1.5 Sec^{-1}	2.0 Sec^{-1}
WATER FLOW RATE	ASTM D4491	200 $gal/min/ft^2$	145 $gal/min/ft^2$
MINIMUM FILTER BAG VOLUME		2 CUBIC FT	



CATCH-IT INLET FILTER (Temporary Inlet Protection)

Neenah Casting	Inlet Type	Grate Size	Opening Size	Bag Cap (ft^3)	Flow Ratings (CFS)		ADS P/N
					HB (Hybrid Bag)	Bypass	
3067	Curb Box	35.25 x 17.75	33.0 x 15.0	4.4	2.0	5.8	62LCBEXTHB
3246A	Curb Box	35.75 x 23.875	33.5 x 21.0	4.2	1.1	3.3	62LCB3624HB
3030	Square/Rect (SQ)	23 x 16	20.5 x 13.5	1.6	0.7	2.2	62MCB2316HB
3067-C	Square/Rect (SQ)	35.25 x 17.75	33 x 15	3.2	1.0	5.2	62LSQ3618HB
R-2501	Round (RD)	~26	~24	2.3	0.8	5.2	62MRD26HB
R-1772/2560	Round (RD)	22.25-23.5	20.5-21	1.5	0.6	4.6	62MRD22HB

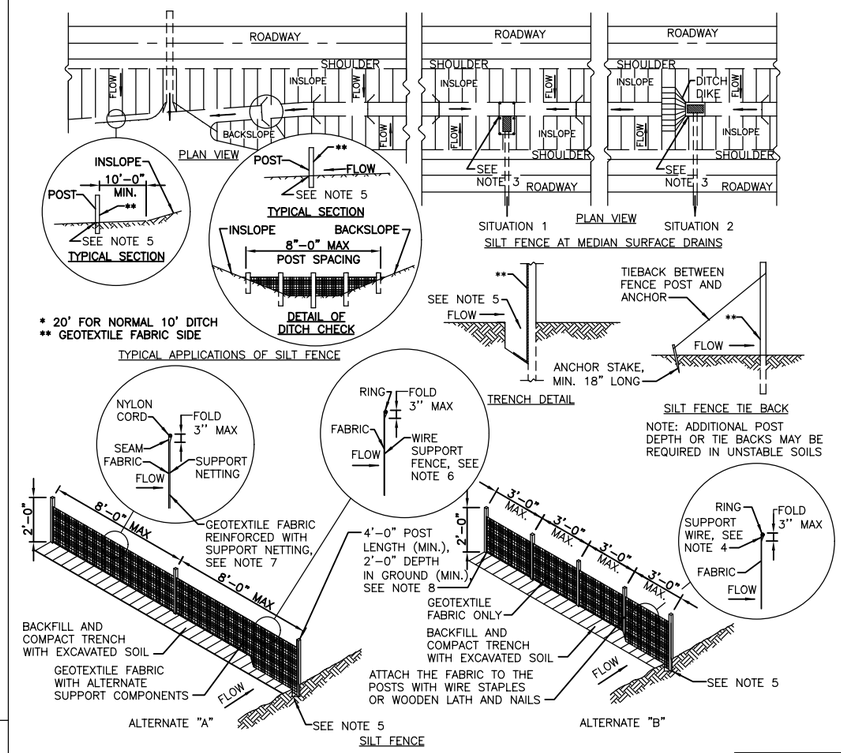
Installation Instructions:
1. Remove grate from the drainage structure
2. Clean stone and dirt from ledge (lip) of drainage structure
3. Drop the inlet filter through the clear opening such that the hangers rest firmly on the lip of the structure
4. Replace the grate and confirm it is not elevated more than 1/8"

Maintenance Guidelines:
1. Empty the sediment bag if more than half filled with sediment and debris
2. Remove the grate, engage the lifting points, and lift filter from the drainage structure
3. Dispose of sediment and debris as directed by the Engineer or Maintenance Contract
4. Alternatively, an industrial vacuum can be used to collect sediment from filter bag

FLEXSTORM INLET FILTERS CATCH IT

*TEMPORARY VERSION OF FLEXSTORM CATCH-IT BY ADS IS REQUIRED FOR INLET PROTECTION TYPE D FOR ALL INLETS. IF A FRAME SIZE DOES NOT EXIST FOR EXISTING INLETS OF NON-STANDARD DIMENSIONS, INLET PROTECTION TYPE D MAY BE USED.

FRAMED INLET PROTECTION REQUIRED BY DANE COUNTY



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 (WDNR TECHNICAL STANDARD 1056)

EROSION CONTROL NOTES

1. THESE EROSION CONTROL DRAWINGS HAVE BEEN REVIEWED AND APPROVED BY THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES. ANY PROPOSED CHANGES TO THESE DRAWINGS SHALL BE SUBMITTED TO WDNR (ATTN: PETER WOOD) FOR REVIEW AT LEAST 5 WORKING DAYS PRIOR TO FIELD IMPLEMENTATION.

2. CONTRACTOR SHALL REVIEW EROSION CONTROL PLAN AND SUPPLEMENT IT WITH ADDITIONAL EROSION CONTROL PROVISIONS AND BEST MANAGEMENT PRACTICES AS NECESSARY.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AN EROSION CONTROL IMPLEMENTATION PLAN (ECIP) FOR THE OVERALL CONSTRUCTION SITE. ECIP SHALL BE SUBMITTED FOR REVIEW PRIOR TO CONSTRUCTION. ALL EROSION CONTROL PROVISIONS SHALL COMPLY WITH WDNR TECHNICAL STANDARDS.

3. WDNR TECHNICAL STANDARDS SHALL BE REVIEWED AND FOLLOWED FOR EROSION CONTROL PRACTICES SUCH AS DUST CONTROL (WDNR TECHNICAL STANDARD 1068), DEWATERING (WDNR TECHNICAL STANDARD 1061), MULCHING (WDNR TECHNICAL STANDARD 1058), OR OTHER STANDARD PRACTICES AS NEEDED.

4. STONE TRACKING PADS SHALL BE THE FULL WIDTH OF THE EGRESS POINT, A MINIMUM OF 50-FEET LONG AND 12-INCH DEPTH (3"-6" CLEAR STONE). STONE TRACKING PADS SHALL BE PLACED IN LOCATIONS AS REQUIRED. WDNR TECHNICAL STANDARD 1057 SHALL BE FOLLOWED FOR THE MAINTENANCE OF THE STONE TRACKING PADS.

5. FOR ALL DEWATERING OPERATIONS, CONTRACTOR SHALL COMPLY WITH WDNR TECHNICAL STANDARD 1061. AT A MINIMUM, DEWATERING SYSTEM SHALL CONSIST OF A PORTABLE SEDIMENTATION TANK FOLLOWED BY GEOTEXTILE BAGS. GEOTEXTILE BAGS SHALL BE LINED WITH STRAW/HAY BALES. SUPPLEMENT DEWATERING SYSTEM WITH POLYMER IF NECESSARY. DISCHARGE FROM GEOTEXTILE BAGS SHALL BE ONTO ESTABLISHED TURF (VEGETATED BUFFER) AREA PRIOR TO DEWATERING THE STREAM. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WDNR APPROVAL OF DEWATERING SYSTEM.

6. 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.

7. A MINIMUM OF 6 INCHES OF TOPSOIL MUST BE APPLIED TO ALL AREAS TO BE SEEDED.

8. ALL MULCH SHALL BE ANCHORED (CRIMPED) IN PLACE.

9. ALL WASTE AND UNUSED CONSTRUCTION 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.

10. 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.

11. ANY SOIL EROSION THAT OCCURS AFTER FINAL GRADING AND/OR THE APPLICATION OF STABILIZATION MEASURES MUST BE REPAIRED AND THE WORK REDONE.

12. 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. TEMPORARY STABILIZATION AFTER OCTOBER 1, SHALL INCLUDE USE OF TYPE B SOIL STABILIZER IN ACCORDANCE WITH WDNR CONSERVATION STANDARD, CODE 1050.

13. 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 WDNR.

14. 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.

15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL THE EROSION CONTROL MEASURES IN CONFORMANCE WITH THE WDNR CONSERVATION PRACTICE STANDARDS, LATEST EDITION.

16. 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.

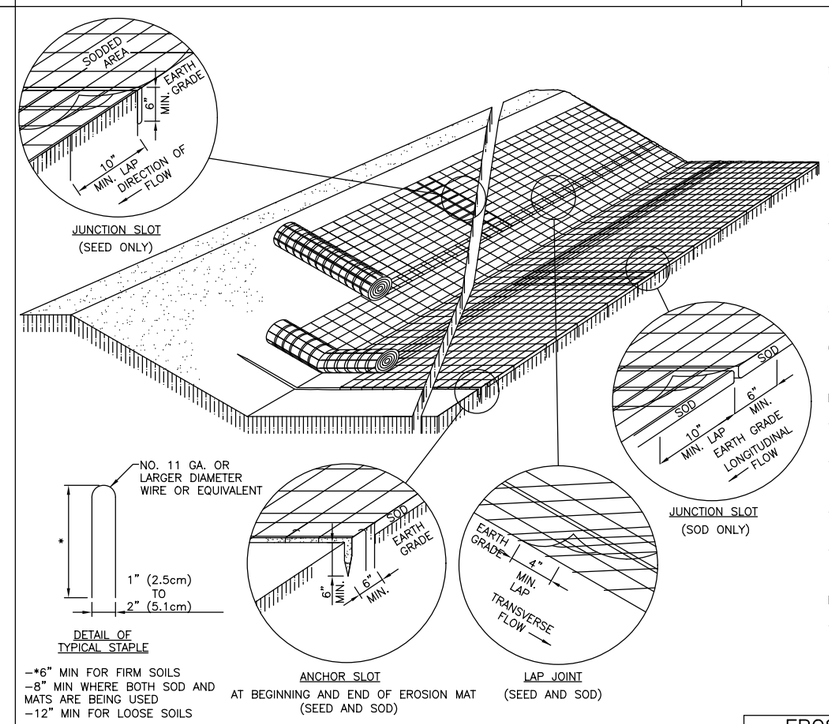
17. EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED WEEKLY, WITHIN 24 HOURS OF RAINFALL OF 0.5 INCH OR MORE, AND BEFORE IMMINENT/FORECASTED PRECIPITATION.

18. WHERE POSSIBLE CONTRACTOR SHALL PLACE ACTIVE/TEMPORARY SPOIL PILES UPSTREAM OF EXCAVATED TRENCHES.

19. DISTURBED DITCH AREAS AND AREAS WITH SIDE SLOPES STEEPER THAN 4:1 REQUIRE E-MAT (TYPE 1, CLASS B). UNLESS OTHERWISE NOTED.

20. DISTURBED AREAS SHALL BE UNIFORMLY GRADED PRIOR TO RESTORATION (SEEDING, EROSION MAT PLACEMENT, AND/OR MULCHING).

21. PLACE CLEAR STONE CHECK DAM IN EXISTING DITCH LINE AT APPROXIMATELY 50-FT INTERVALS AFTER ANY LAND DISTURBANCE. CHECK DAMS SHALL BE APPROXIMATELY 9-INCHES IN HEIGHT AND 12-FT IN LENGTH.



-*6" MIN FOR FIRM SOILS
-8" MIN WHERE BOTH SOD AND MATS ARE BEING USED
-12" MIN FOR LOOSE SOILS

ANCHOR SLOT
AT BEGINNING AND END OF EROSION MAT (SEED AND SOD)

DETAIL 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. VARIATIONS IN THE DIMENSIONS OR MATERIALS SHOWN HEREON SHALL BE PERMITTED IF THEY PROVIDE EQUIVALENT PROTECTION AND MATERIAL STRENGTH.
3. LAP JOINTS SHALL NOT BE PLACED IN THE BOTTOM OF V-SHAPED DITCHES.
4. JUNCTION SLOTS ON ADJACENT STRIPS OF MATTING SHALL BE STAGGERED A MINIMUM OF 4 FEET APART.
5. EDGES OF THE EROSION MAT SHALL BE IMPRESSED IN THE SOIL.
6. EROSION MAT SHALL BE MEASURED AND PAID FOR IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

EROSION MAT OVER SOD
- ONLY JUTE FABRIC WILL BE PERMITTED OVER SOD.
- FLOOD STAKES FOR SOD MAY BE OMITTED IF THE EXISTING SLOPE AND SOIL CONDITIONS SO PERMIT.
- THE WIDTH OF EROSION MAT SHALL ALWAYS EQUAL THE SOD WIDTH.
- SOD STRIPS MAY BE PLACED EITHER LONGITUDINALLY OR TRANSVERSELY TO THE FLOW LINE OF THE DITCH.

EROSION MAT OVER SEEDING
- JUNCTION OR ANCHOR SLOTS SHALL BE AT MINIMUM INTERVALS OF 100 FEET ON GRADES UP TO AND INCLUDING 3 PERCENT, AND 50 FEET ON GRADES EXCEEDING 3 PERCENT.

EROSION CONTROL MAT INSTALLATION (WDNR TECHNICAL STANDARD 1052)

NO.	REVISIONS	DATE:

EROSION CONTROL NOTES AND DETAILS

ROTARY PARK IMPROVEMENTS
CITY OF STOUGHTON
DANE COUNTY, WISCONSIN

JOB NO. 1040.128
PROJECT MGR. ABC

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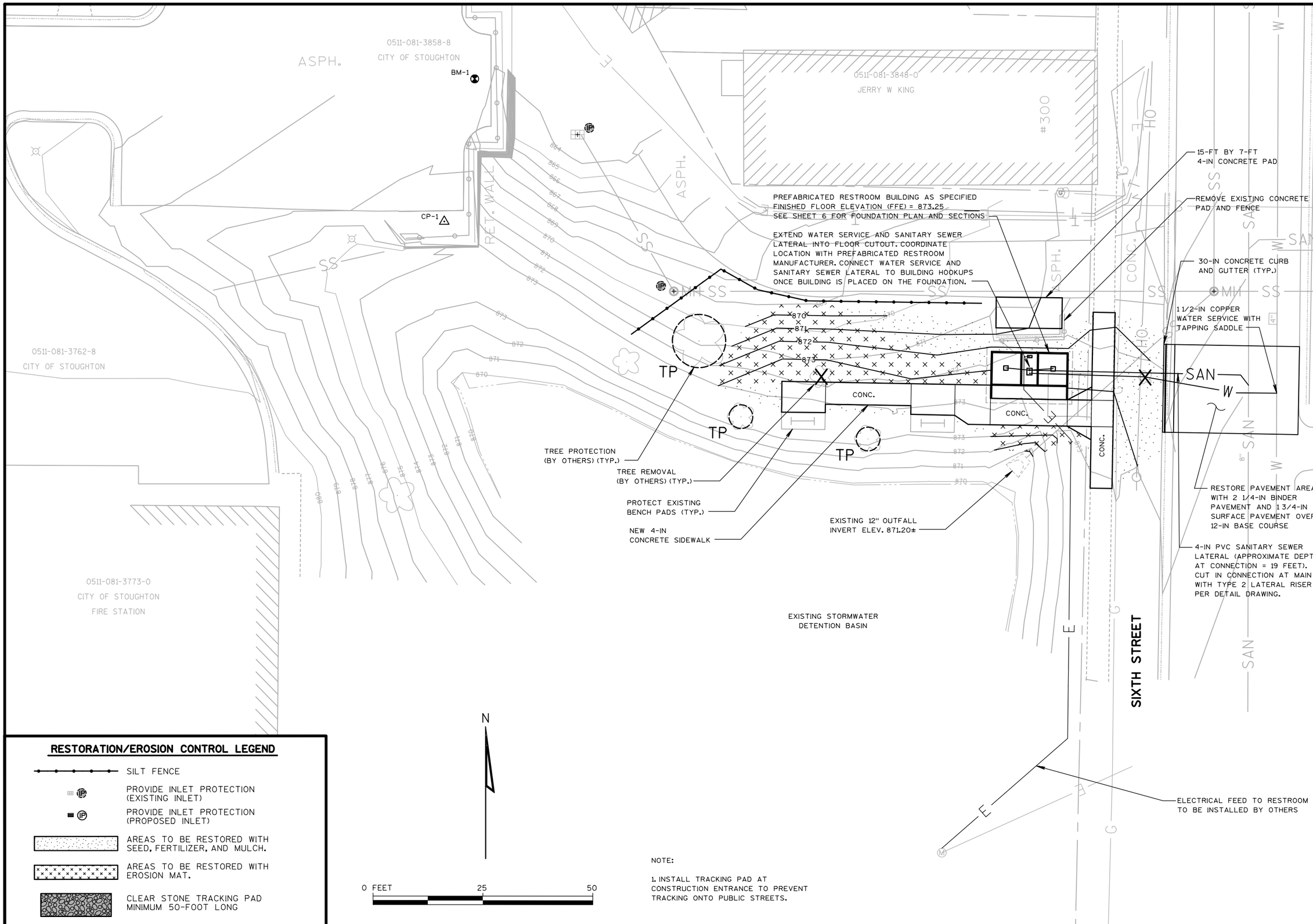
SHEET 3



RESTORATION/EROSION CONTROL LEGEND

- SILT FENCE
- PROVIDE INLET PROTECTION (EXISTING INLET)
- PROVIDE INLET PROTECTION (PROPOSED INLET)
- AREAS TO BE RESTORED WITH SEED, FERTILIZER, AND MULCH.
- AREAS TO BE RESTORED WITH EROSION MAT.
- CLEAR STONE TRACKING PAD MINIMUM 50-FOOT LONG

NOTE:

1. INSTALL TRACKING PAD AT CONSTRUCTION ENTRANCE TO PREVENT TRACKING ONTO PUBLIC STREETS.

NO.	REVISIONS	DATE:

SITE, UTILITY, AND RESTORATION PLAN

ROTARY PARK IMPROVEMENTS
CITY OF STOUGHTON
DANE COUNTY, WISCONSIN

JOB NO. 1040.128

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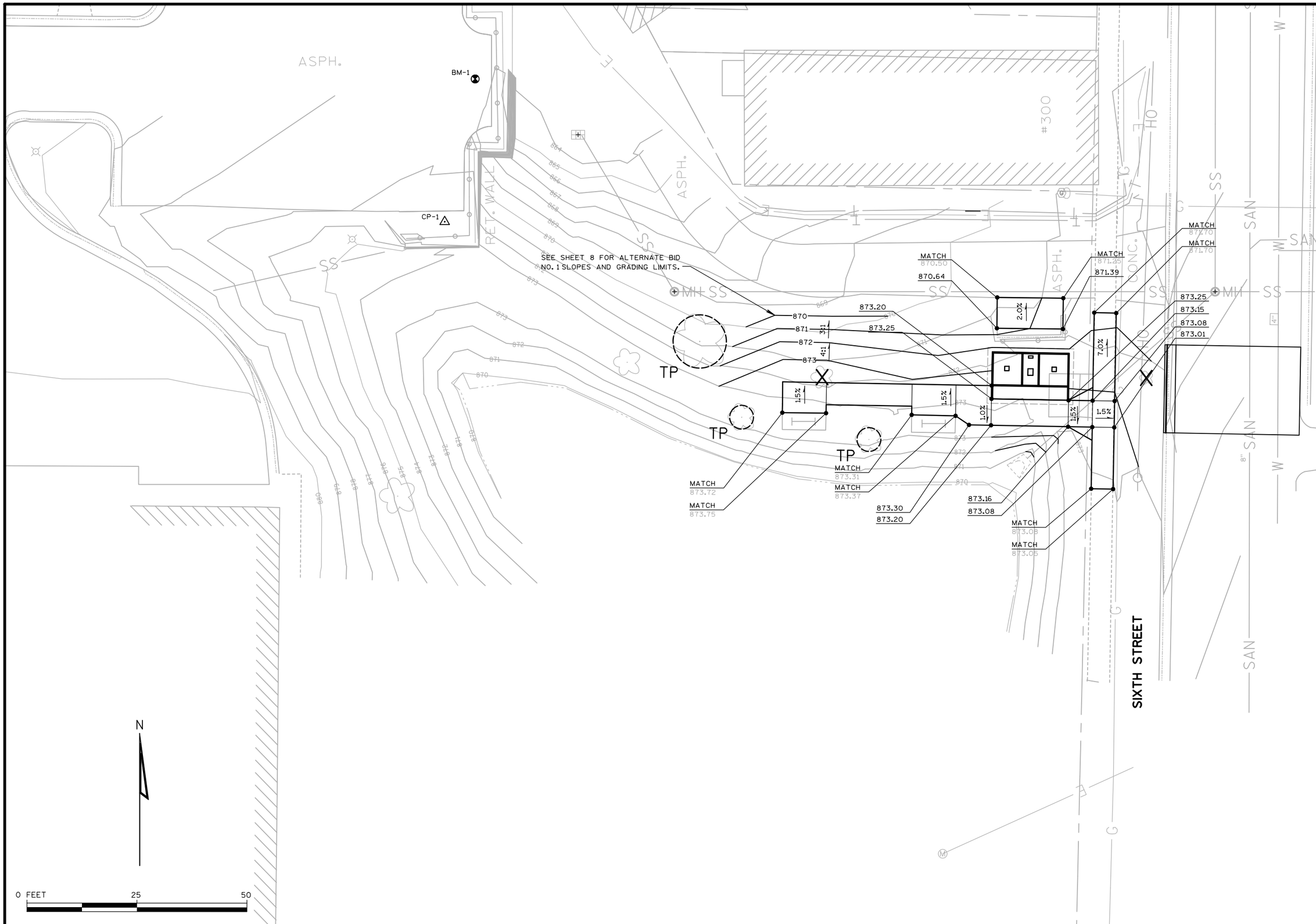
SHEET 4



DATE:	REVISIONS	NO.

GRADING PLAN

ROTARY PARK IMPROVEMENTS
CITY OF STOUGHTON
DANE COUNTY, WISCONSIN

JOB NO.
1040.128

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SHEET
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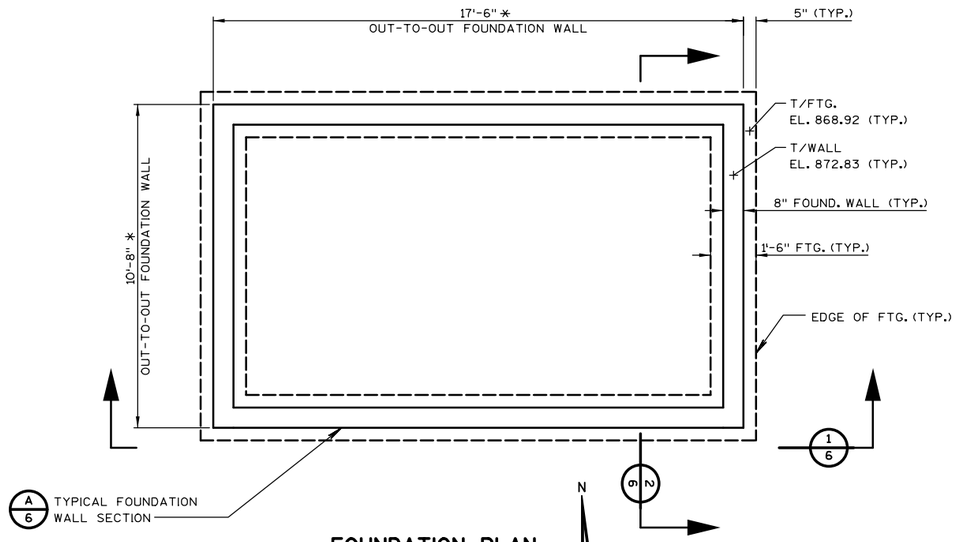
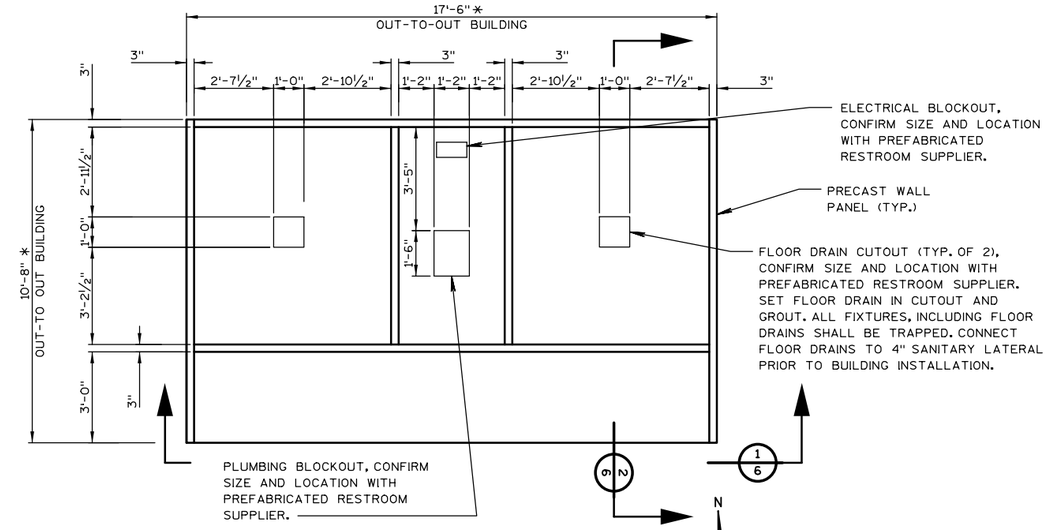
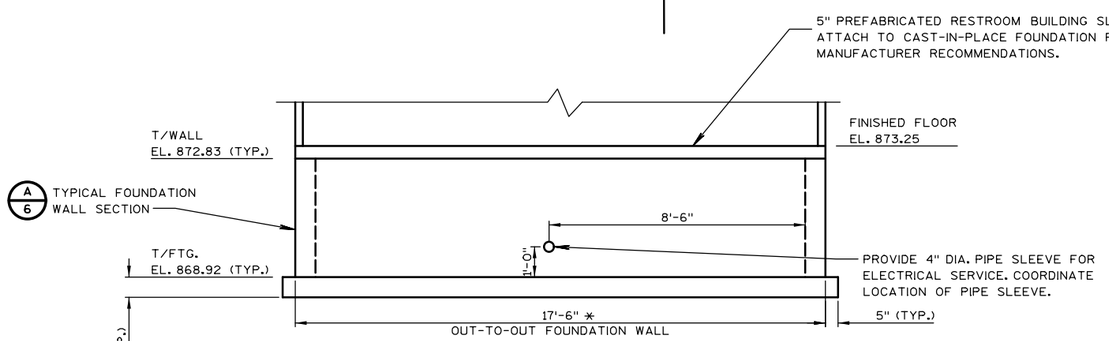


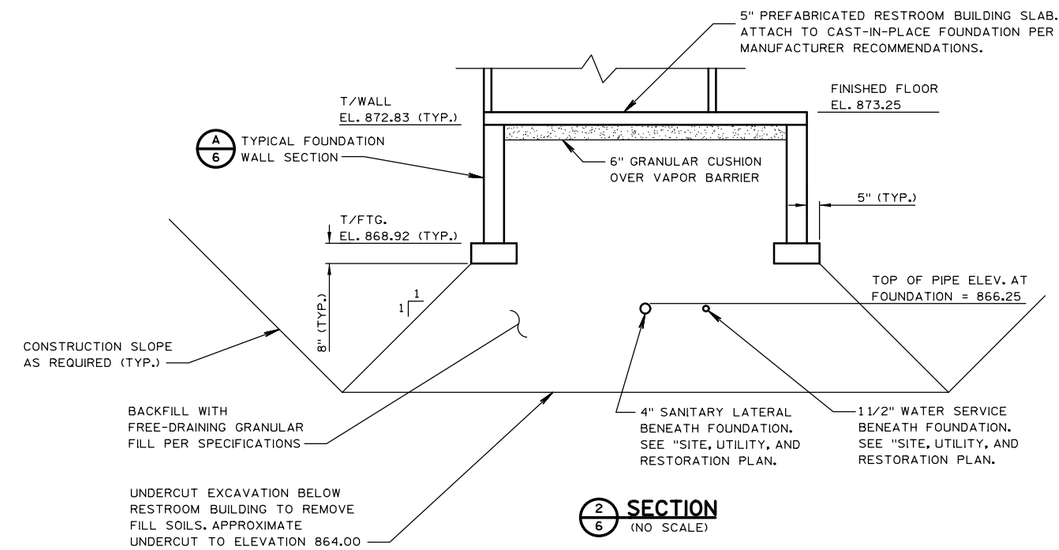
FOUNDATION PLAN
(NO SCALE)



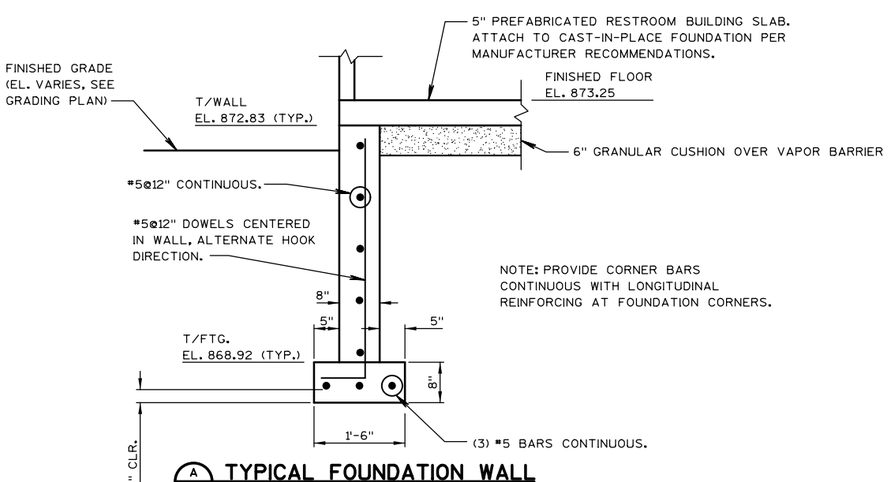
PREFABRICATED RESTROOM FLOOR PLAN
(NO SCALE)



1/6 SECTION
(NO SCALE)



2/6 SECTION
(NO SCALE)



NOTE: PROVIDE CORNER BARS CONTINUOUS WITH LONGITUDINAL REINFORCING AT FOUNDATION CORNERS.

A/6 TYPICAL FOUNDATION WALL
(NO SCALE)

GENERAL NOTES

SEE SPECIFICATIONS FOR FILL AND BACKFILL REQUIREMENTS. BACKFILL EXCAVATION FOR FOUNDATION WITH FREE-DRAINING GRANULAR FILL PER SPECIFICATIONS.

LEGEND

* DIMENSION TO BE VERIFIED BY PREFABRICATED RESTROOM BUILDING SUPPLIER.

NO.	REVISIONS	DATE:

FOUNDATION PLAN, SECTIONS, AND DETAILS

ROTARY PARK IMPROVEMENTS
CITY OF STOUGHTON
DANE COUNTY, WISCONSIN

JOB NO. 1040.128

PROJECT MGR. ABC

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SHEET 6

DETECTABLE WARNING FIELDS

INL 1.1, 2'X3' BOX
BOC ELEV. 877.2±
IE 12" S 873.20

15 LF - 12" RCP CLASS III
STORM SEWER @ 6.6%

SS MH-1, 4' DIA.
RIM ELEV. 876.3±
IE 12" W 872.20
IE 12" N 872.20
IE 12" SE 872.20

SAWCUT AND MATCH EXISTING
ASPHALT PAVEMENT (TYP.)

REMOVE EXISTING 12-INCH
PERFORATED PIPE

NEW 30-IN CURB AND
GUTTER (TYP.)

PROTECT EXISTING
RETAINING WALL

INL 1.12 2'X3' BOX
BOC ELEV. 876.6±
IE 12" E 872.75

55 LF - 12" RCP CLASS III
STORM SEWER @ 1.0%

REMOVE AND REPLACE
DAMAGED CURB SECTION

28 LF - 12" RCP CLASS III
STORM SEWER @ 3.40%

AEW-1
IE 12" NW 871.25
PROVIDE RIPRAP AND
CUTOFF WALL AS
SPECIFIED

TREE REMOVAL
(BY OTHERS)

NEW 4-IN
CONCRETE SIDEWALK

TREE PROTECTION
(BY OTHERS) (TYP.)

PROTECT EXISTING
BENCH PADS (TYP.)

ALTERNATE BID NO. 1

BASE BID

EXISTING STORMWATER
DETENTION BASIN

0511-081-3858-8
CITY OF STOUGHTON

0511-081-3848-0
JERRY W KING

0511-081-3762-8
CITY OF STOUGHTON

0511-081-3773-0
CITY OF STOUGHTON
FIRE STATION

RESTORATION/EROSION CONTROL LEGEND

- SILT FENCE
- PROVIDE INLET PROTECTION (EXISTING INLET)
- PROVIDE INLET PROTECTION (PROPOSED INLET)
- AREAS TO BE RESTORED WITH SEED, FERTILIZER, AND MULCH.
- AREAS TO BE RESTORED WITH EROSION MAT.
- CLEAR STONE TRACKING PAD MINIMUM 50-FOOT LONG

N

0 FEET 25 50

NOTE:

1. INSTALL TRACKING PAD AT CONSTRUCTION ENTRANCE TO PREVENT TRACKING ONTO PUBLIC STREETS.

NO.	REVISIONS	DATE:

SITE, UTILITY, AND RESTORATION PLAN
ALTERNATIVE BID NO. 1

ROTARY PARK IMPROVEMENTS
CITY OF STOUGHTON
DANE COUNTY, WISCONSIN

JOB NO.
1040.128

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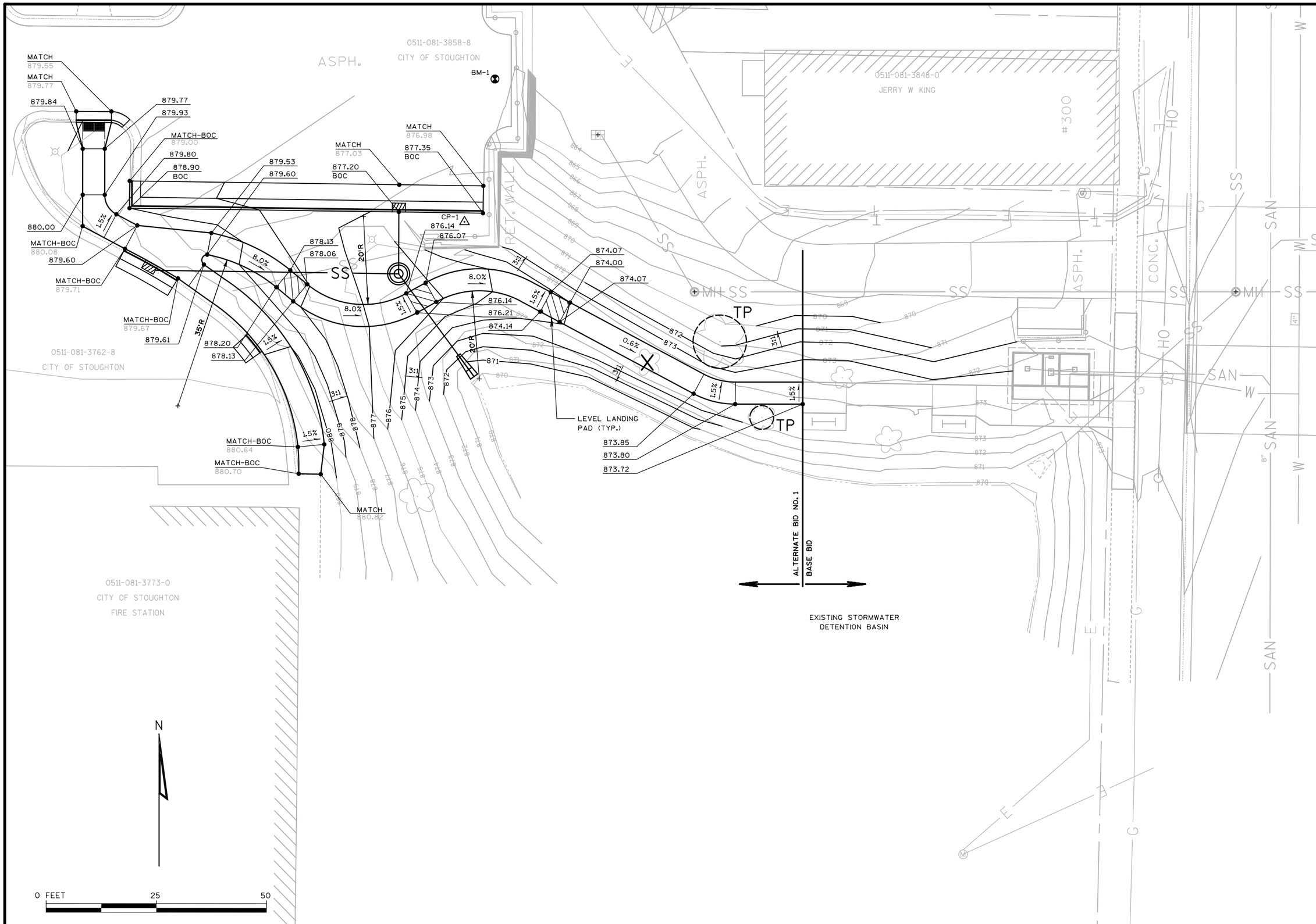

NO.	REVISIONS	DATE:

GRADING PLAN
ALTERNATIVE BID NO. 1

ROTARY PARK IMPROVEMENTS
CITY OF STOUGHTON
DANE COUNTY, WISCONSIN

JOB NO.
1040.128

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SHEET
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