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ORIGINATOR: CITY_OF_MADISON

Madison, Wisconsin

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

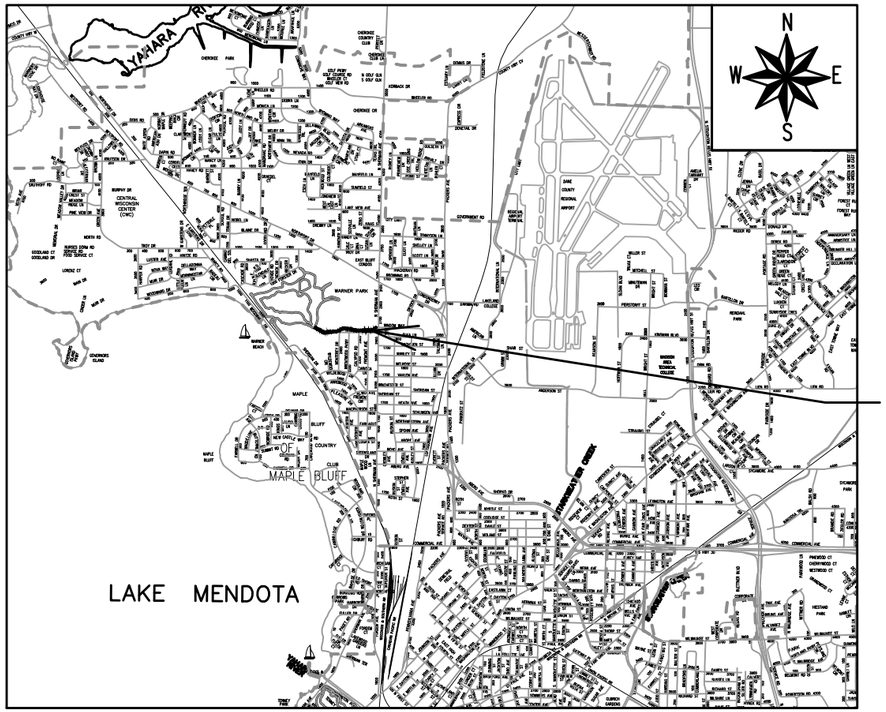
CASTLE CREEK CHANNEL IMPROVEMENTS AT WARNER PARK
CITY PROJECT NO. 13863
CONTRACT NO. 9585

INDEX OF SHEETS

SHEET NO.	EX1-EX2	EXISTING SITE CONDITIONS
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SHEET NO.	D1-D10	DETAILS
SHEET NO.	TR1-TR8	TREE REMOVAL PLANS
SHEET NO.	GE1-GE4	GRADING AND EROSION CONTROL PLAN
SHEET NO.	PP1-PP4	GREENWAY PLAN AND PROFILE
SHEET NO.	U1-U2	UTILITY PLAN AND PROFILES
SHEET NO.	U3	STORM SCHEDULE
SHEET NO.	R1-R4	GREENWAY RESTORATION PLAN
SHEET NO.	X1-X21	GREENWAY CROSS SECTIONS
SHEET NO.	MN1	MAINTENANCE PLAN (CITY USE ONLY)

CONVENTIONAL SIGNS
FIELD VERIFY ALL UTILITY LOCATIONS

GAS	G
STORM SEWER	ST
SANITARY SEWER	SN
WATER	W
BURIED ELECTRIC	E
OVERHEAD ELECTRIC	OH
POWER POLE	
ADA COMPLIANT RAMP W/ DETECTABLE WARNING FIELD	
COMBUSTIBLE FLUIDS	



PROJECT LOCATION

PUBLIC IMPROVEMENT PROJECT APPROVED

OCTOBER 20, 2026

BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

City Engineer — Date

STORMWATER DESIGNED BY:

STORM SEWER DESIGNED BY:

FILE NAME: M:\DESIGN\Projects\13863\CAD\13863-Coversheet.dwg
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13863

MADISON, WI

CONTRACT NO: 9585

EXISTING SITE CONDITIONS

CASTLE CREEK IMPROVEMENTS

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13863

EX1

EX. WOODEN BRIDGE

EX. BIORETENTION AREA

EX. BRIDGE

EX. WETLAND

EX. TREE (TYP.)

EX. CITY SANITARY (TYP.)

PREVIOUSLY ABANDONED CONDUIT

ACTIVE PARKS UNDERGROUND ELECTRIC

EX. CITY BURIED ELECTRIC

EX. CITY FIBER OPTIC

EX. MCI FIBER OPTIC

EXISTING ATT FIBER OPTIC

N SHERMAN AVE

TRAILSWAY

EX. OVERHEAD ELEC. (TYP.).

EX. UNDERGROUND ELEC. (TYP.)

EX. STORM (TYP.)

EX. WATER UTILITY (TYP.)

EX. B-CYCLE STATION

EXISTING BENCHMARK (TYP)

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EX2

13863

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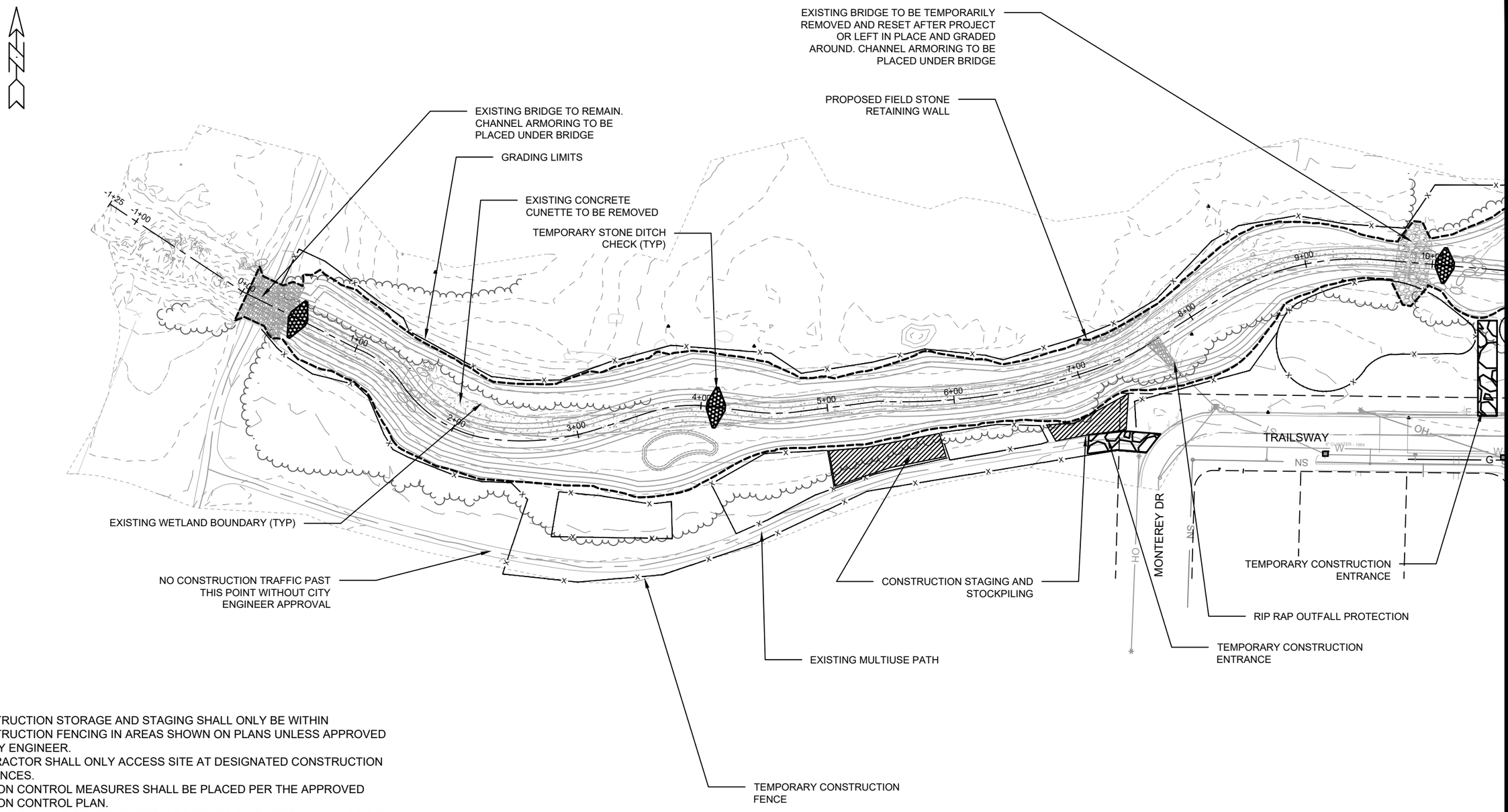
EXISTING SITE CONDITIONS

CASTLE CREEK IMPROVEMENTS

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13863

EX2



NOTES:

1. CONSTRUCTION STORAGE AND STAGING SHALL ONLY BE WITHIN CONSTRUCTION FENCING IN AREAS SHOWN ON PLANS UNLESS APPROVED BY CITY ENGINEER.
2. CONTRACTOR SHALL ONLY ACCESS SITE AT DESIGNATED CONSTRUCTION ENTRANCES.
3. EROSION CONTROL MEASURES SHALL BE PLACED PER THE APPROVED EROSION CONTROL PLAN.
4. EXCAVATION NEAR STREET TREES: AS DEFINED BY SECTION 107.13 OF CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. NO EXCAVATION SHALL BE PERMITTED WITHIN (DBH IN FEET) OF THE TRUNK OF THE STREET TREE OR WHEN CUTTING ROOTS OVER 3 INCHES OF DIAMETER. IF EXCAVATION IS NECESSARY, THE CITY SHALL CONTACT MADISON CITY FORESTRY AT (608) 266-4816 PRIOR TO EXCAVATION. CITY OF MADISON PERSONNEL SHALL ASSESS THE IMPACT TO THE TREE AND TO ITS ROOT SYSTEM PRIOR TO WORK COMMENCING. EACH INDIVIDUAL TREE MAY HAVE IT'S OWN UNIQUE TREE PROTECTION ZONE.

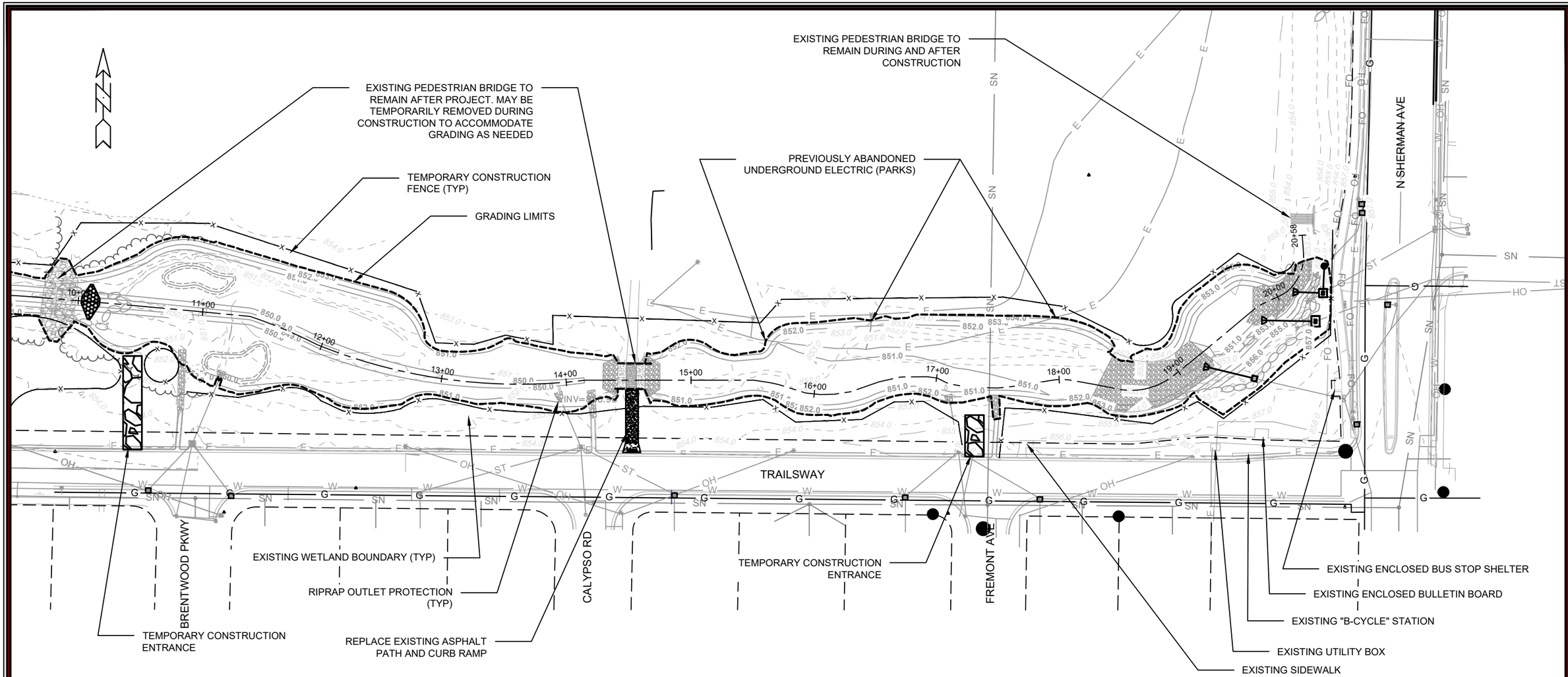
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13863
MADISON, WI
9585
CONTRACT NO:

OVERALL SITE PLAN
CASTLE CREEK IMPROVEMENTS
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13863
O1



NOTES:

1. CONSTRUCTION STORAGE AND STAGING SHALL ONLY BE WITHIN CONSTRUCTION FENCING IN AREAS SHOWN ON PLANS UNLESS APPROVED BY CITY ENGINEER.
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MADISON, WI

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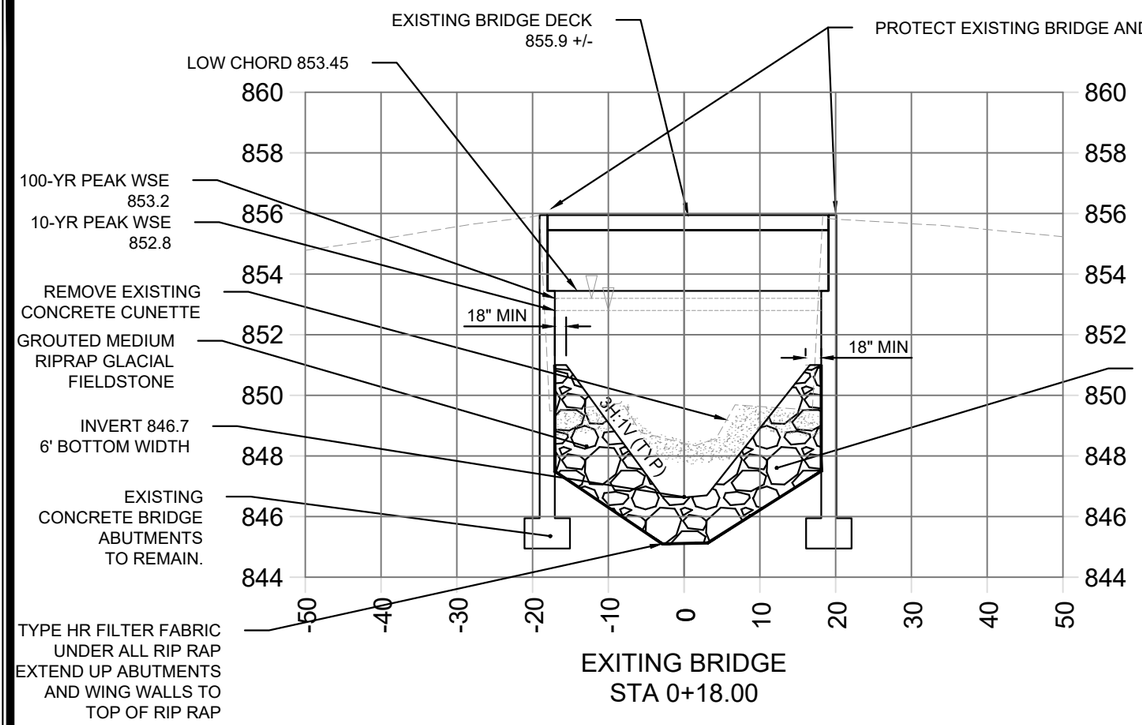
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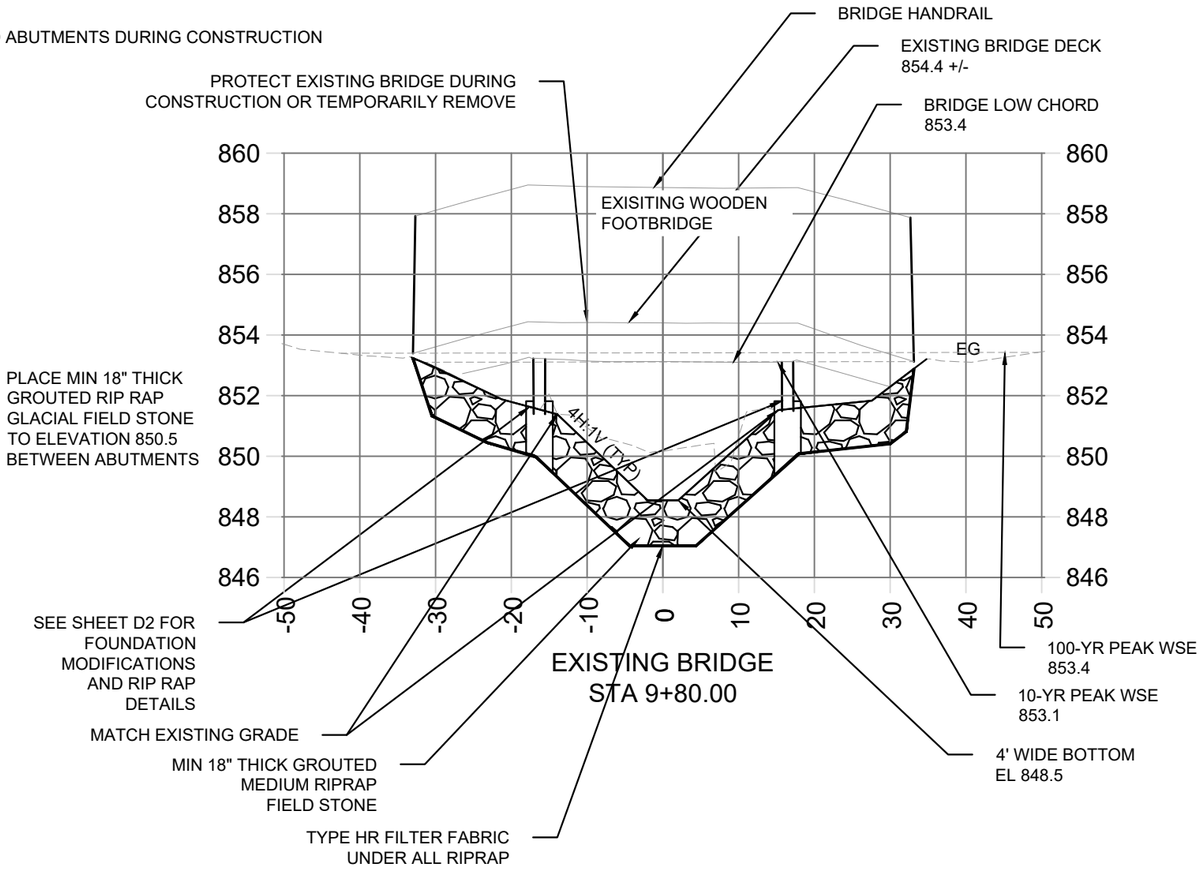
CASTLE CREEK IMPROVEMENTS

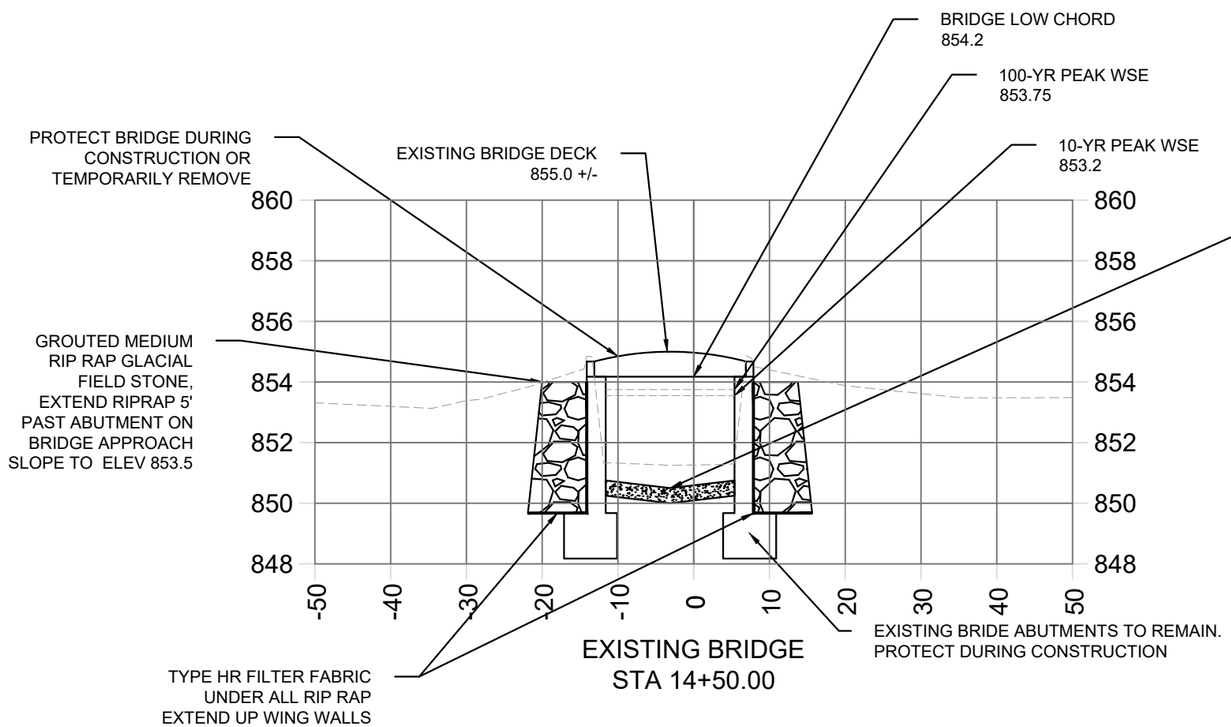
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13863

02







GENERAL NOTES FOR ALL BRIDGES:

1. ALL EXISTING BRIDGES WILL REMAIN AFTER PROJECT. BRIDGES AT STA 9+80 AND 14+50 MAY BE TEMPORARILY OR PARTIALLY MOVED TO ACCOMMODATE GRADING AS NEEDED. EXISTING FOUNDATIONS/ABUTMENTS TO REMAIN AND BE PROTECTED.
2. MEDIUM RIP RAP SHALL BE 18" THICK, PLACED IN ONE ROW AND THEN GROUTED IN PLACE
3. HEAVY RIP RAP SHALL BE 24" THICK, PLACED IN ONE ROW AND THEN GROUTED IN PLACE.

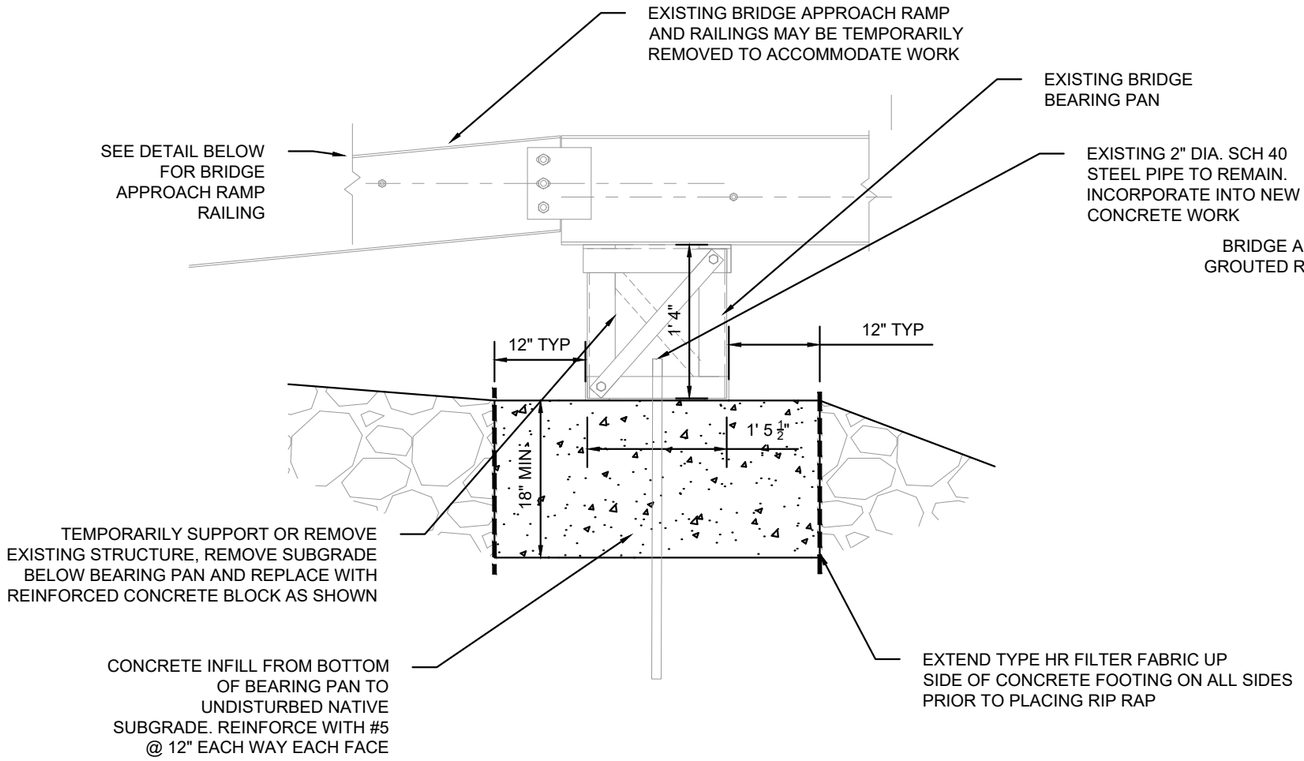
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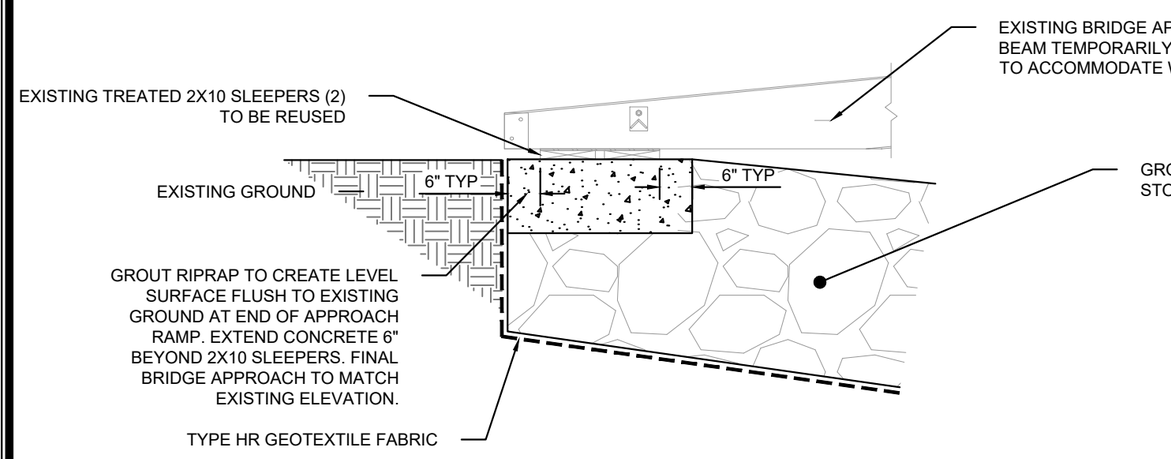
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MADISON, WI
9585
CONTRACT NO:

DETAILS
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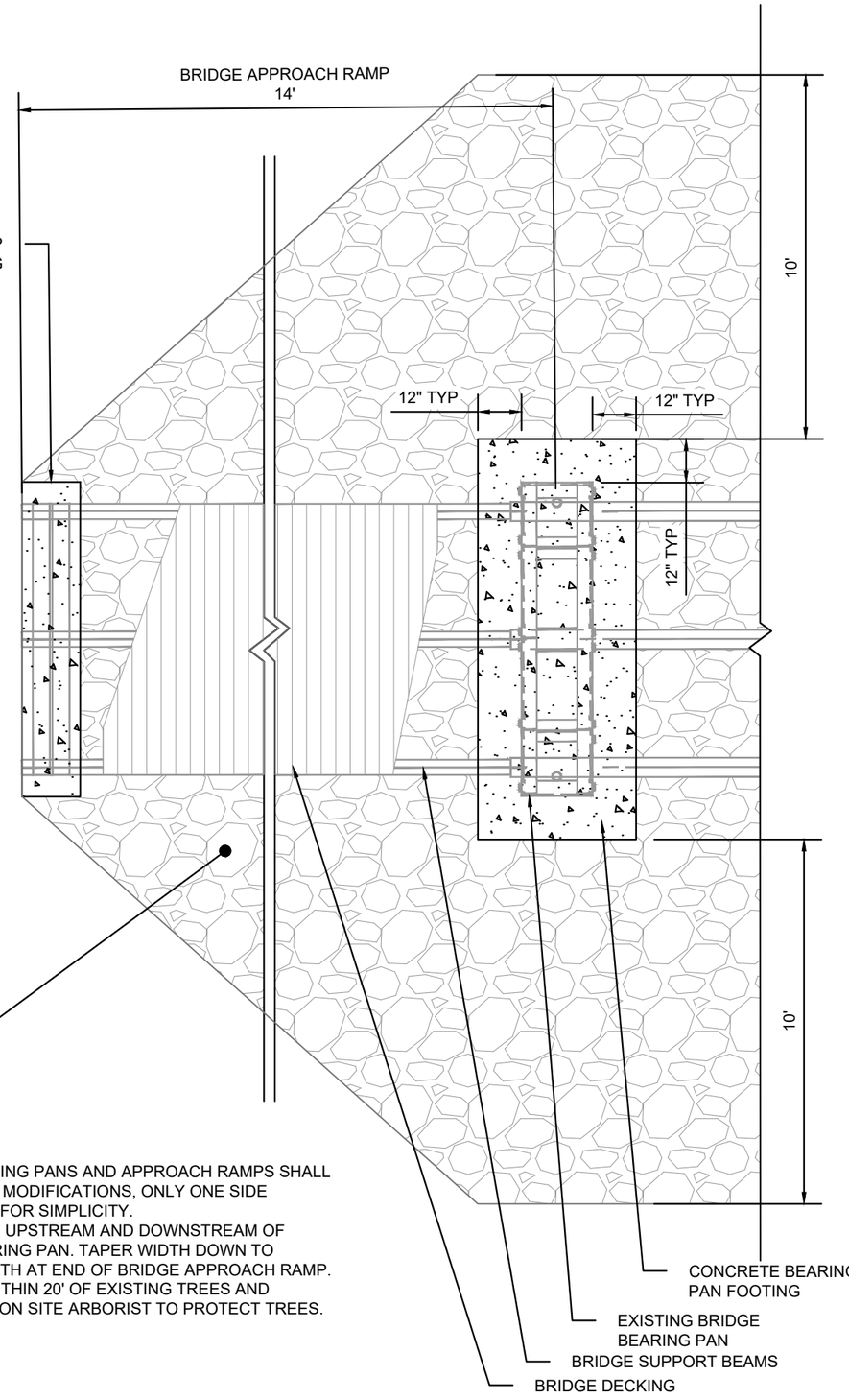
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D1



BEARING PAN FOOTING MODIFICATION ELEVATION VIEW
FOR BRIDGE AT STA 9+80



BRIDGE APPROACH RAMP MODIFICATION ELEVATION VIEW
FOR BRIDGE AT STA 9+80



NOTES:

1. BOTH BRIDGE BEARING PANS AND APPROACH RAMPS SHALL RECEIVE THE SAME MODIFICATIONS, ONLY ONE SIDE SHOWN IN DETAILS FOR SIMPLICITY.
2. EXTEND RIP RAP 10' UPSTREAM AND DOWNSTREAM OF BRIDGE FROM BEARING PAN. TAPER WIDTH DOWN TO MATCH BRIDGE WIDTH AT END OF BRIDGE APPROACH RAMP.
3. HAND EXCAVATE WITHIN 20' OF EXISTING TREES AND COORDINATE WITH ON SITE ARBORIST TO PROTECT TREES.

BRIDGE RIRRAP GEOMETRY DETAIL PLAN VIEW
FOR BRIDGE AT STA 9+80

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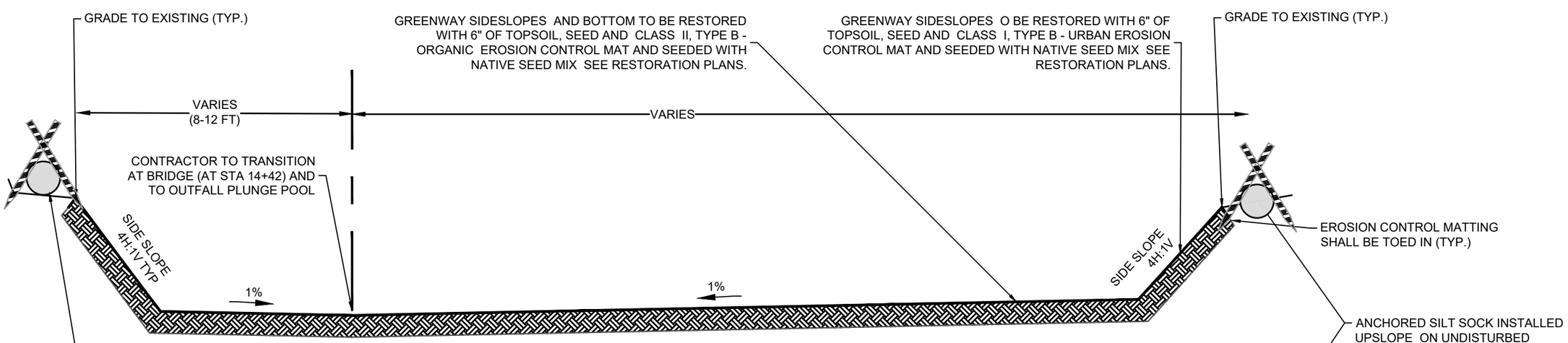
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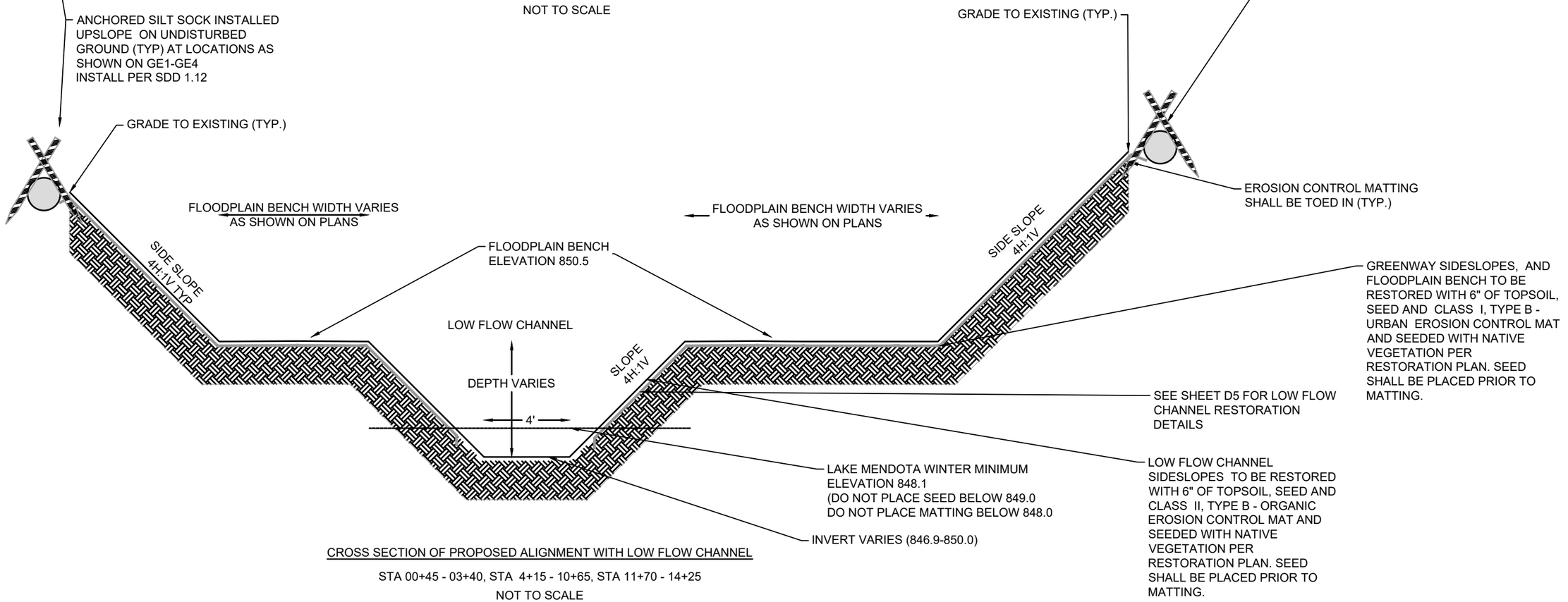
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CROSS SECTION OF PROPOSED ALIGNMENT WITH NO LOW FLOW CHANNEL

STA 14+25 - STA 20+25

NOT TO SCALE



CROSS SECTION OF PROPOSED ALIGNMENT WITH LOW FLOW CHANNEL

STA 00+45 - 03+40, STA 4+15 - 10+65, STA 11+70 - 14+25

NOT TO SCALE

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CONTRACT NO: 9585

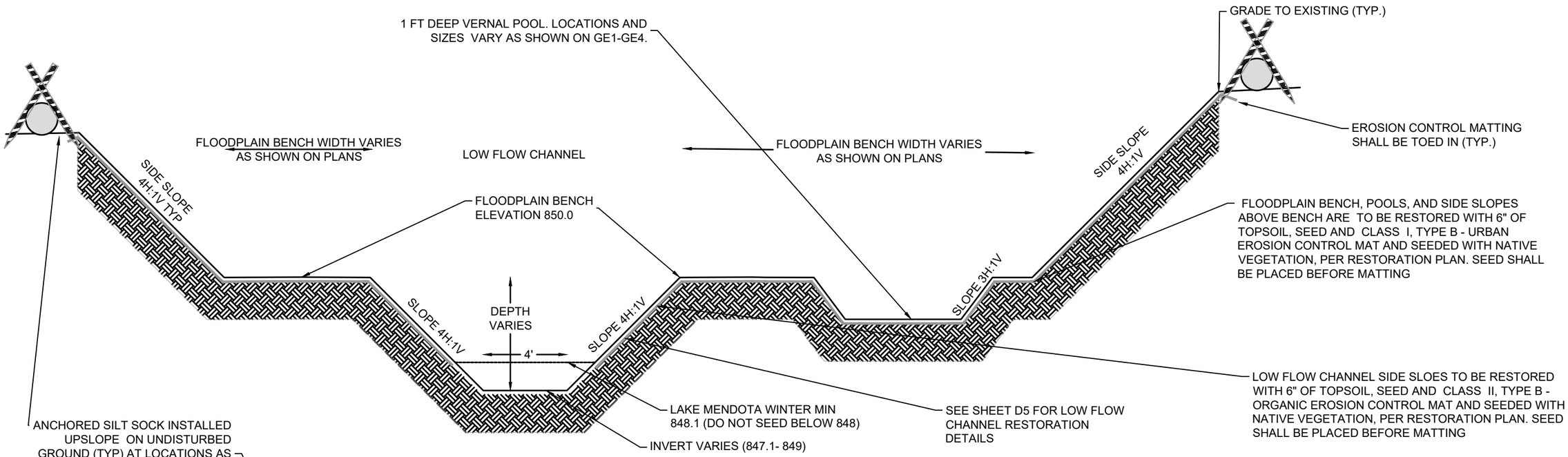
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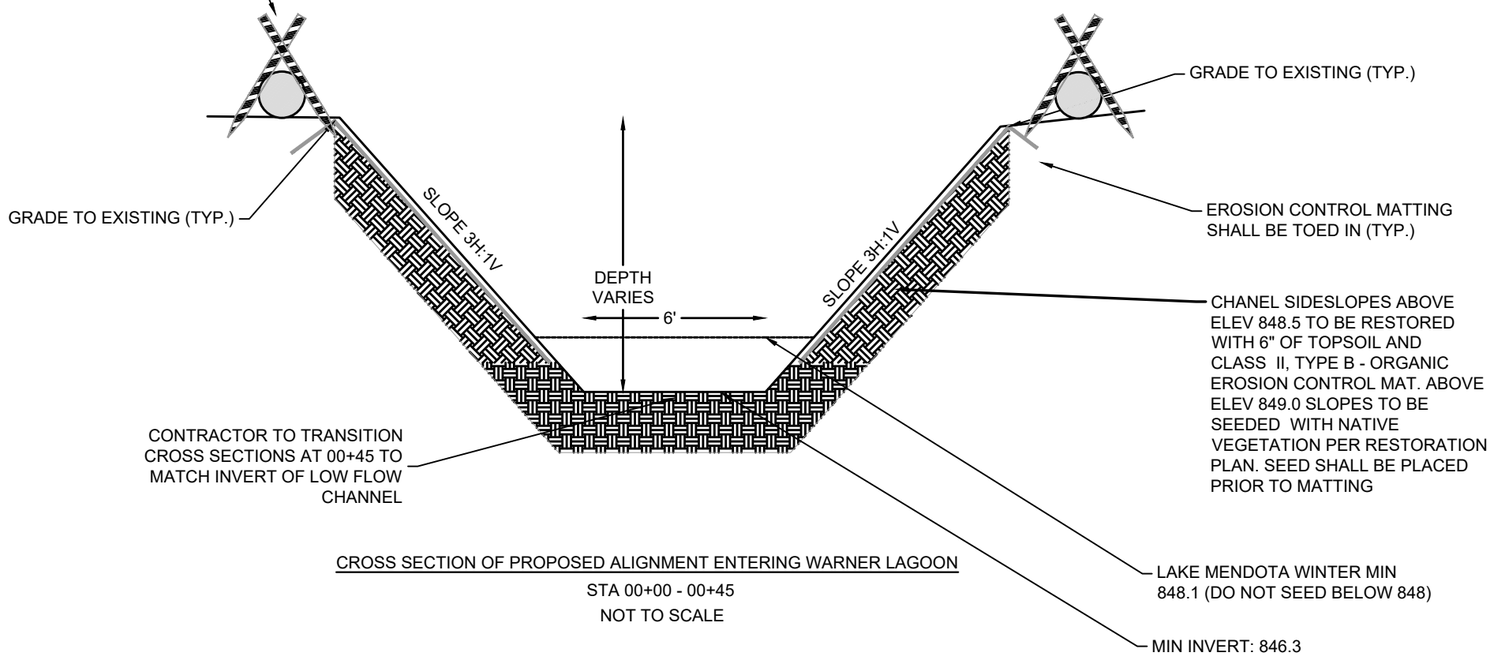
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PROPOSED ALIGNMENT TYPICAL CROSS SECTION WITH VERNAL POOL

STA 03+40 - 04+15, STA 10+65 - 11+70

NOT TO SCALE



CROSS SECTION OF PROPOSED ALIGNMENT ENTERING WARNER LAGOON

STA 00+00 - 00+45

NOT TO SCALE

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CONTRACT NO: 9585

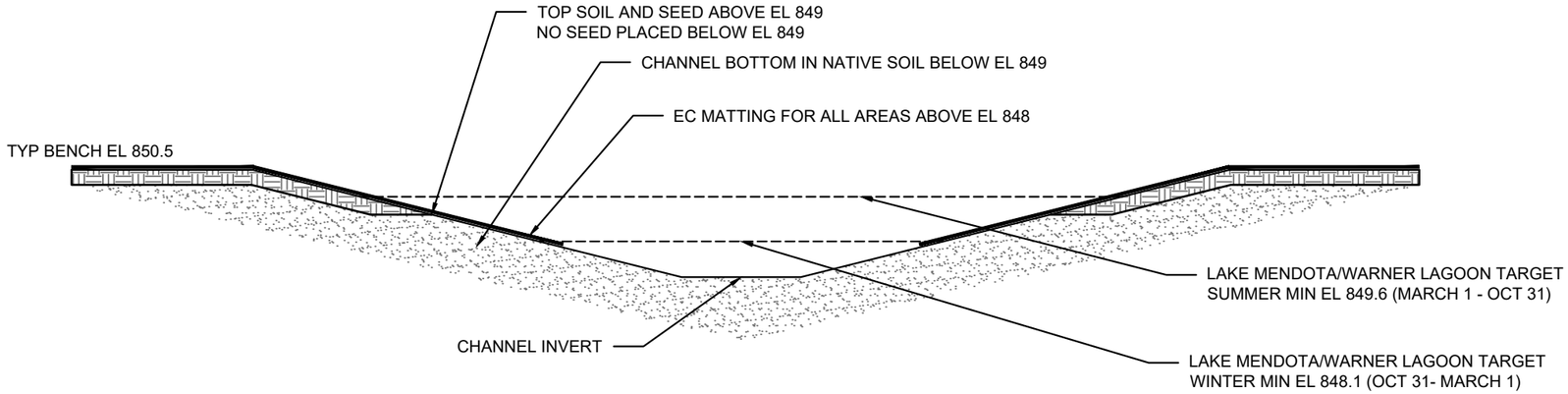
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CASTLE CREEK IMPROVEMENTS

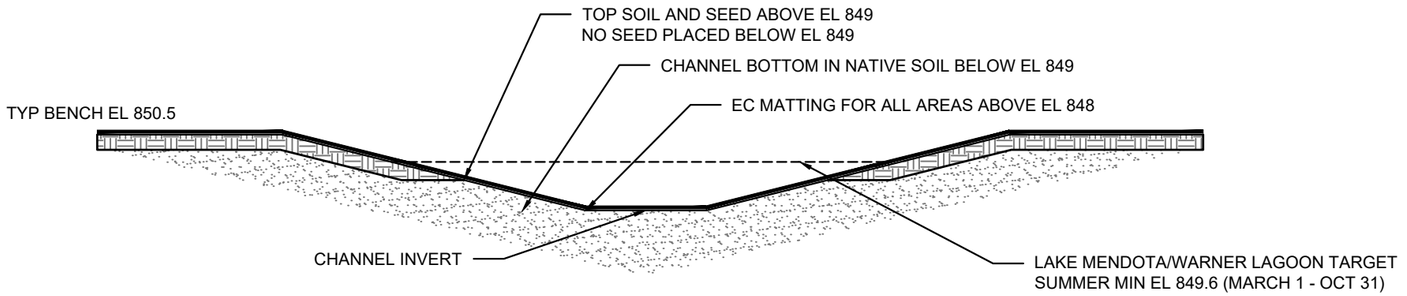
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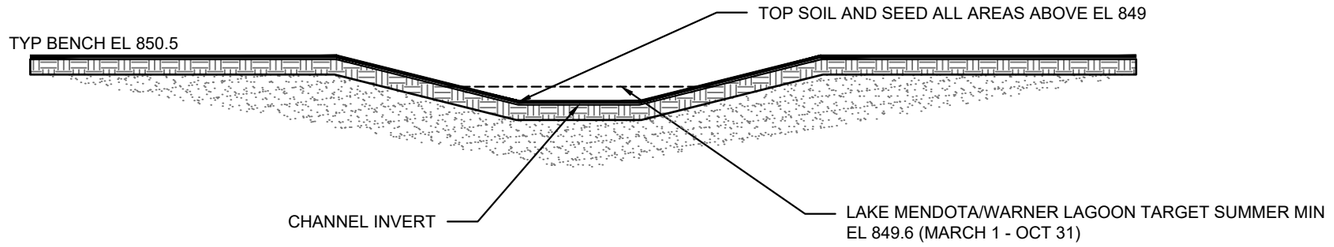
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LOW FLOW CHANNEL RESTORATION FOR CHANNEL INVERTS BELOW EL 848
STA 00+45 TO 07+00



LOW FLOW CHANNEL RESTORATION FOR CHANNEL INVERTS FROM EL 848 TO 849
STA 07+00 TO 12+00



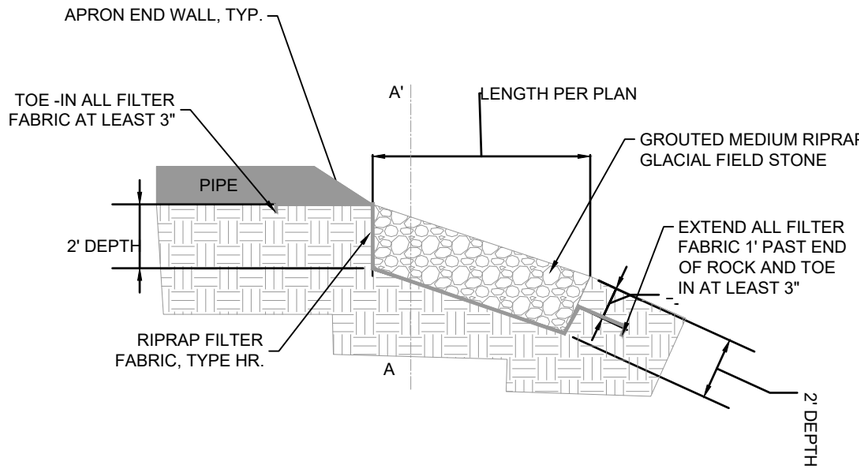
LOW FLOW CHANNEL RESTORATION FOR CHANNEL INVERTS ABOVE 849
STA 12+00 TO 14+00

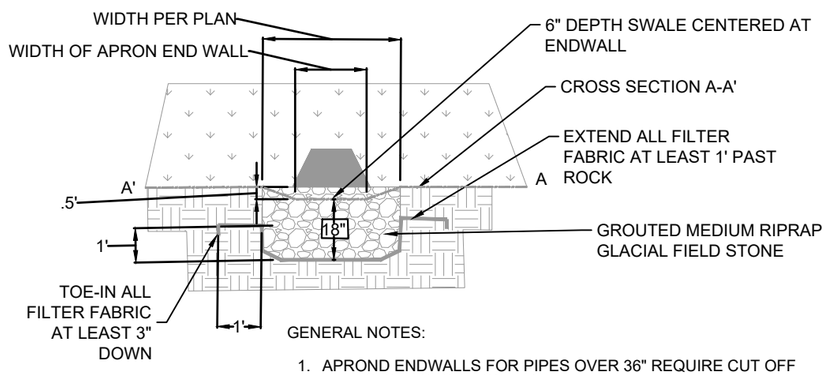
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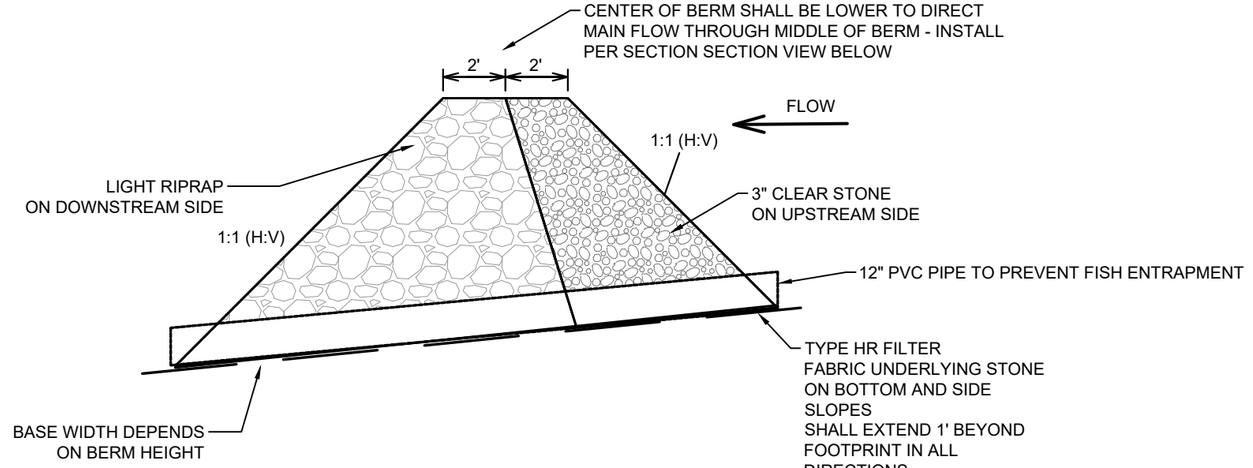




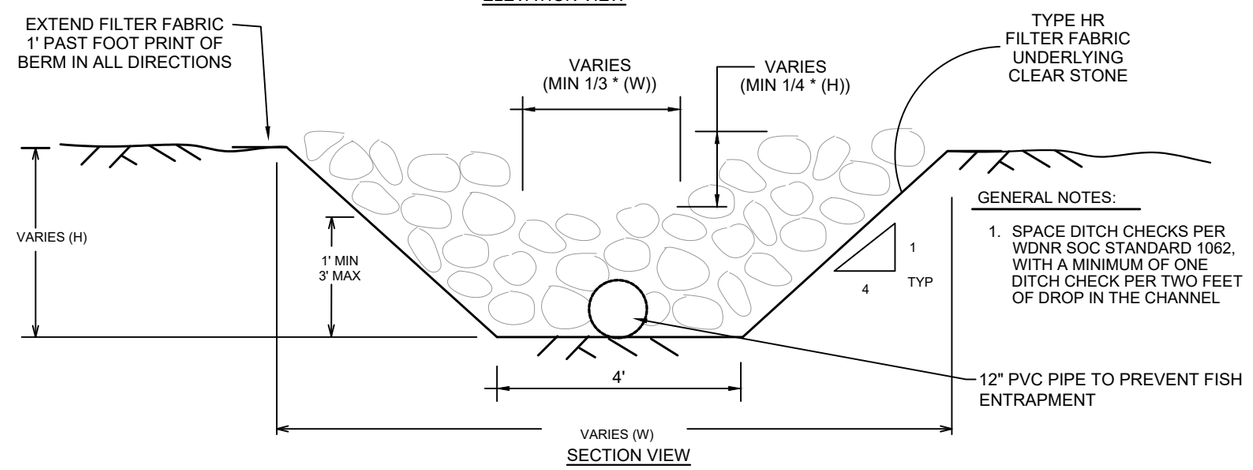
GENERAL NOTES:

1. APROND ENDWALLS FOR PIPES OVER 36" REQUIRE CUT OFF WALLS. SEE STORM SCHEDULE.

RIPRAP AT ENDWALLS



ELEVATION VIEW

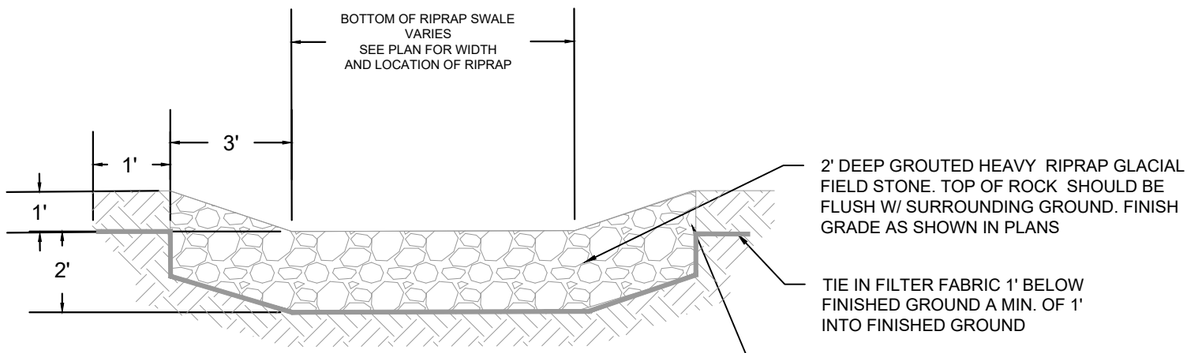


SECTION VIEW

GENERAL NOTES:

1. SPACE DITCH CHECKS PER WDNR SOC STANDARD 1062, WITH A MINIMUM OF ONE DITCH CHECK PER TWO FEET OF DROP IN THE CHANNEL

REINFORCED CLEAR STONE BERM (DITCH CHECK)



RIPRAP SWALE DETAIL -NTS

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MADISON, WI

CONTRACT NO: 9585

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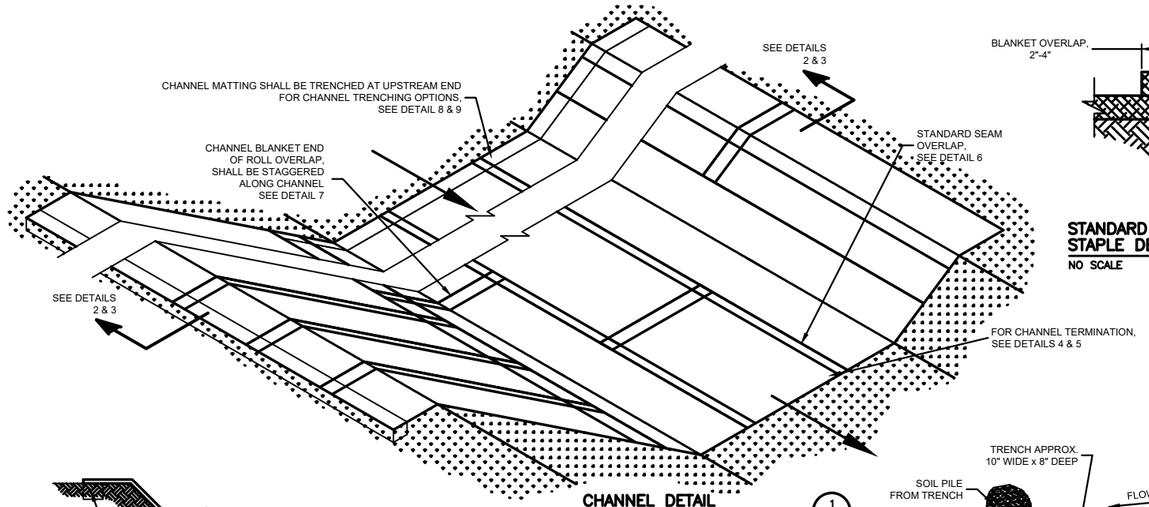
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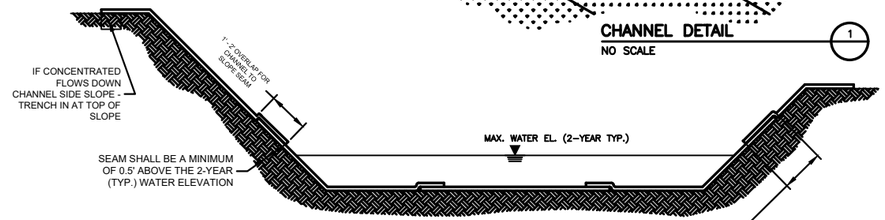
CITY OF MADISON WISCONSIN

13863

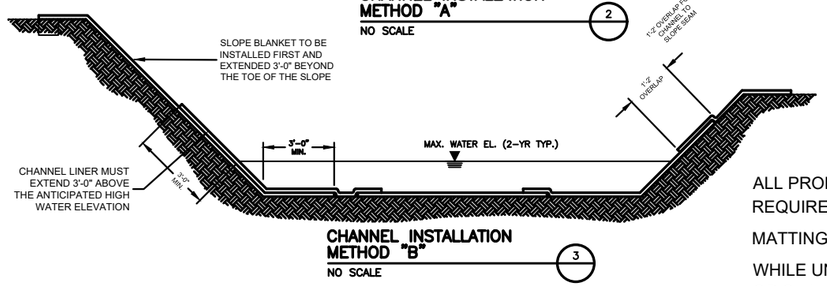
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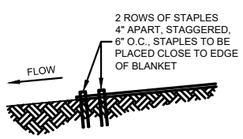
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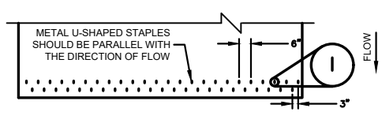
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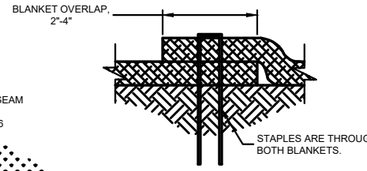
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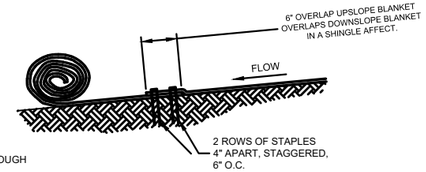
CHANNEL TERMINATION 5
13
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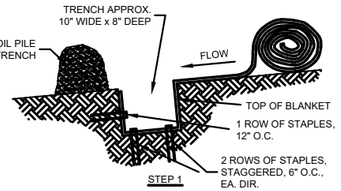
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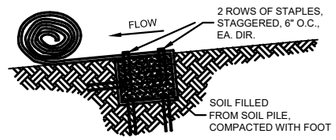


STANDARD SIDE SEAM OVERLAP STAPLE DETAIL 6
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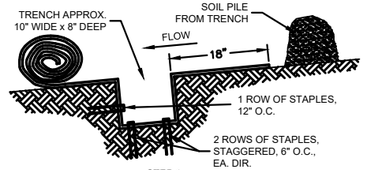


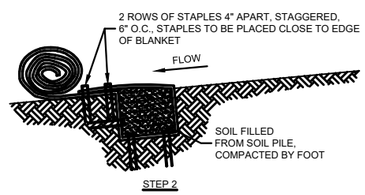
CHANNEL BLANKET END OF ROLL OVERLAP 7
NO SCALE





CHANNEL TRENCHING METHOD "A" 8
NO SCALE





CHANNEL TRENCHING METHOD "B" 9
NO SCALE

ALL PRODUCTS SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS, INCLUDING REQUIRED STAPLE SPACING AND PATTERNS.

MATTING SHALL BE IN FIRM AND CONTINUOUS CONTACT WITH THE SOIL.

WHILE UNDER WARRANTY, CONTRACTOR SHALL INSPECT AND MAINTAIN THE MATTING. IF THERE IS RILLING OR SHALLOW CONCENTRATED FLOW BENEATH THE MATTING, CONTRACTOR SHALL INSTALL ADDITIONAL ANCHORING. IF RILLING IS PREVENTING VEGETATION ESTABLISHMENT, REMOVE EROSION MAT, REGRADE, COMPACT, RE-SEED, AND REPLACE THE SECTION OF MATTING

WORK AND MATERIAL LOSSES DUE TO REMOVALS DUE TO INCORRECT INSTALLATION SHALL BE AT THE CONTRACTORS EXPENSE.

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MADISON, WI

CONTRACT NO: 9585

DETAILS

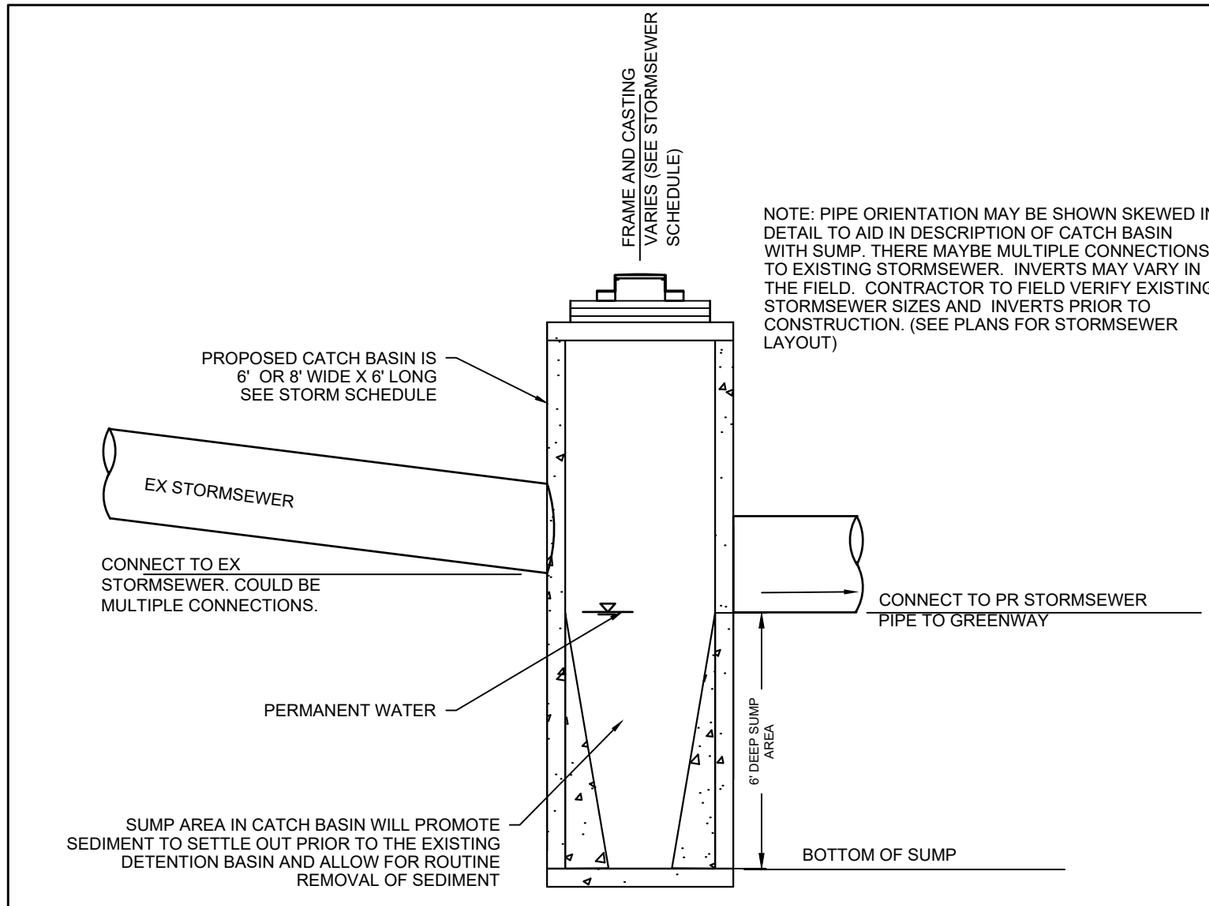
CASTLE CREEK IMPROVEMENTS

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13863

D7

D7



NOTE: PIPE ORIENTATION MAY BE SHOWN SKEWED IN DETAIL TO AID IN DESCRIPTION OF CATCH BASIN WITH SUMP. THERE MAYBE MULTIPLE CONNECTIONS TO EXISTING STORMSEWER. INVERTS MAY VARY IN THE FIELD. CONTRACTOR TO FIELD VERIFY EXISTING STORMSEWER SIZES AND INVERTS PRIOR TO CONSTRUCTION. (SEE PLANS FOR STORMSEWER LAYOUT)

PROFILE VIEW

PROPOSED TYPICAL CATCH BASIN WITH SUMP EXHIBIT

NOT TO SCALE

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13863

DETAILS

CASTLE CREEK IMPROVEMENTS

MADISON, WI

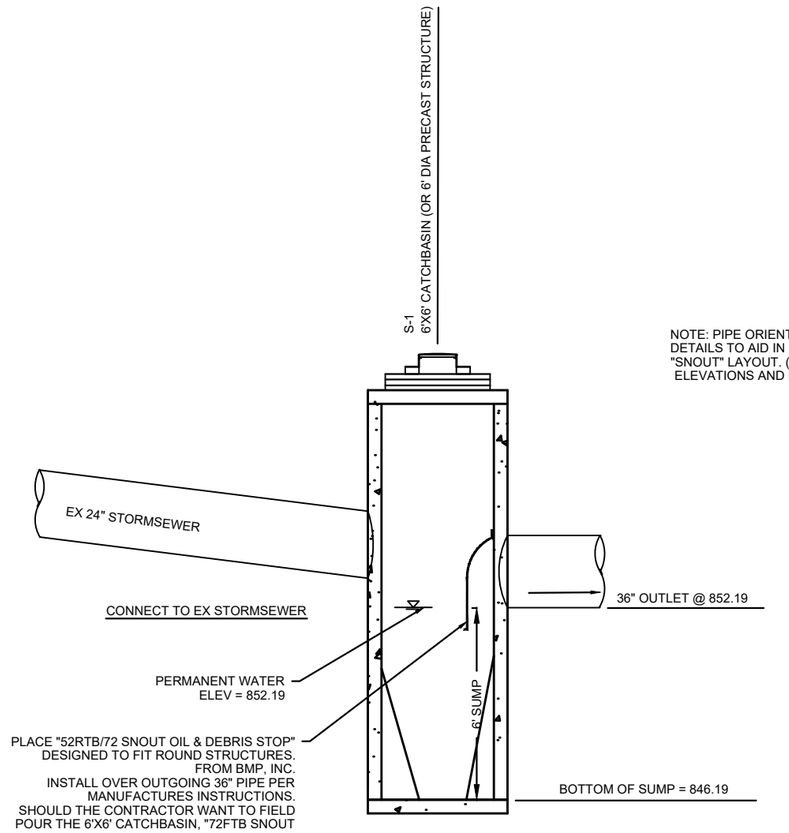
CONTRACT NO: 9585

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D8

D8



NOTE: PIPE ORIENTATION MAY BE SHOWN SKEWED IN DETAILS TO AID IN DESCRIPTION OF CATCH BASIN "SNOUT" LAYOUT. (SEE UTILITY PLAN FOR INVERT/RIM ELEVATIONS AND FIELD PIPE LAYOUT)

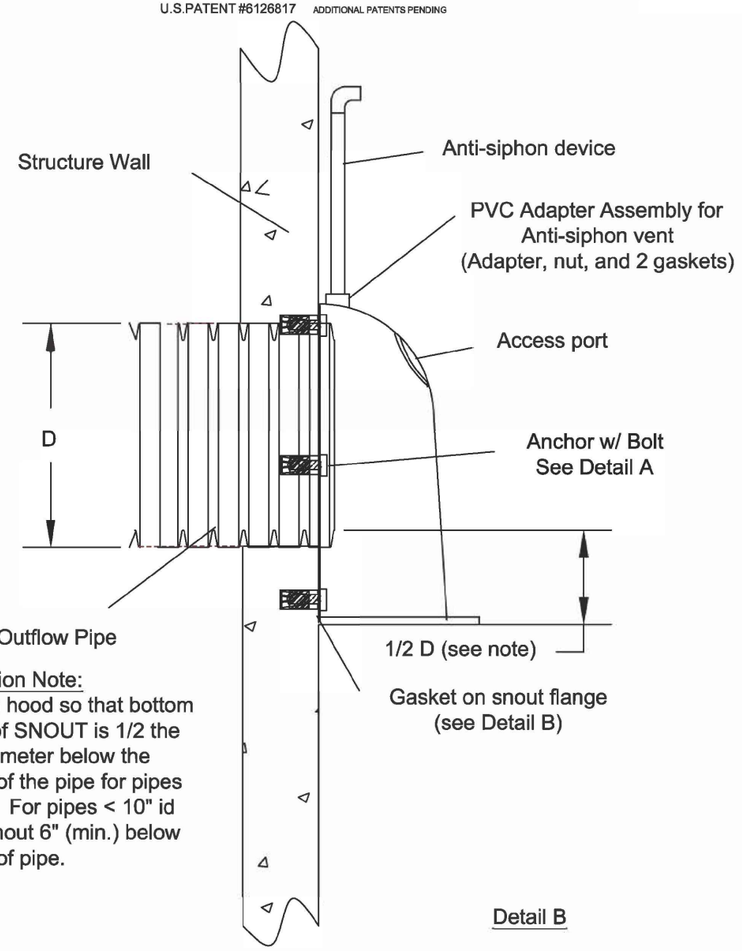
PROFILE VIEW

PROPOSED CASTLE CREEK - FLOATABLE REMOVAL SYSTEM (S1)

NOT TO SCALE

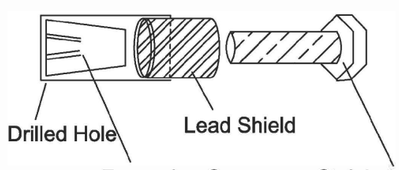
BEST MANAGEMENT PRODUCTS, INC.
SNOUT OIL & DEBRIS STOP
DRAWING NUMBER: IN-SN
INSTALLATION DIAGRAM (TYPICAL)

U.S.PATENT #6126817 ADDITIONAL PATENTS PENDING

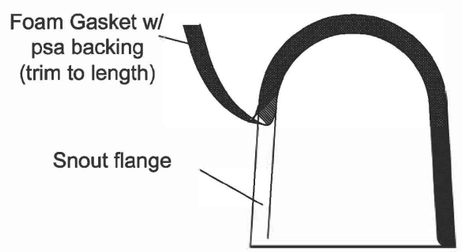


Installation Note:
Position hood so that bottom flange of SNOUT is 1/2 the pipe diameter below the bottom of the pipe for pipes >12" id. For pipes < 10" id place snout 6" (min.) below bottom of pipe.

Detail A



Detail B



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13863
D9

13863
MADISON, WI
CONTRACT NO: 9585

DETAILS
CASTLE CREEK IMPROVEMENTS
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13863
D9



Notes:

1. COLOR
   - BACKGROUND = ORANGE
   - MESSAGE = BLACK
   - BORDER = BLACK
2. LETTERING SERIES = C
3. MINIMUM SIGN REFLECTIVITY = HIGH INTENSITY PRISMATIC GRADE
4. SIGN MATERIAL MAY BE PLASTIC OR METAL
5. CONTRACTOR SHALL MAINTAIN SIGNS FOR DURATION OF PROJECT ATTACHED TO TYPE III BARRICADE

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13863

MADISON, WI

CONTRACT NO: 9585

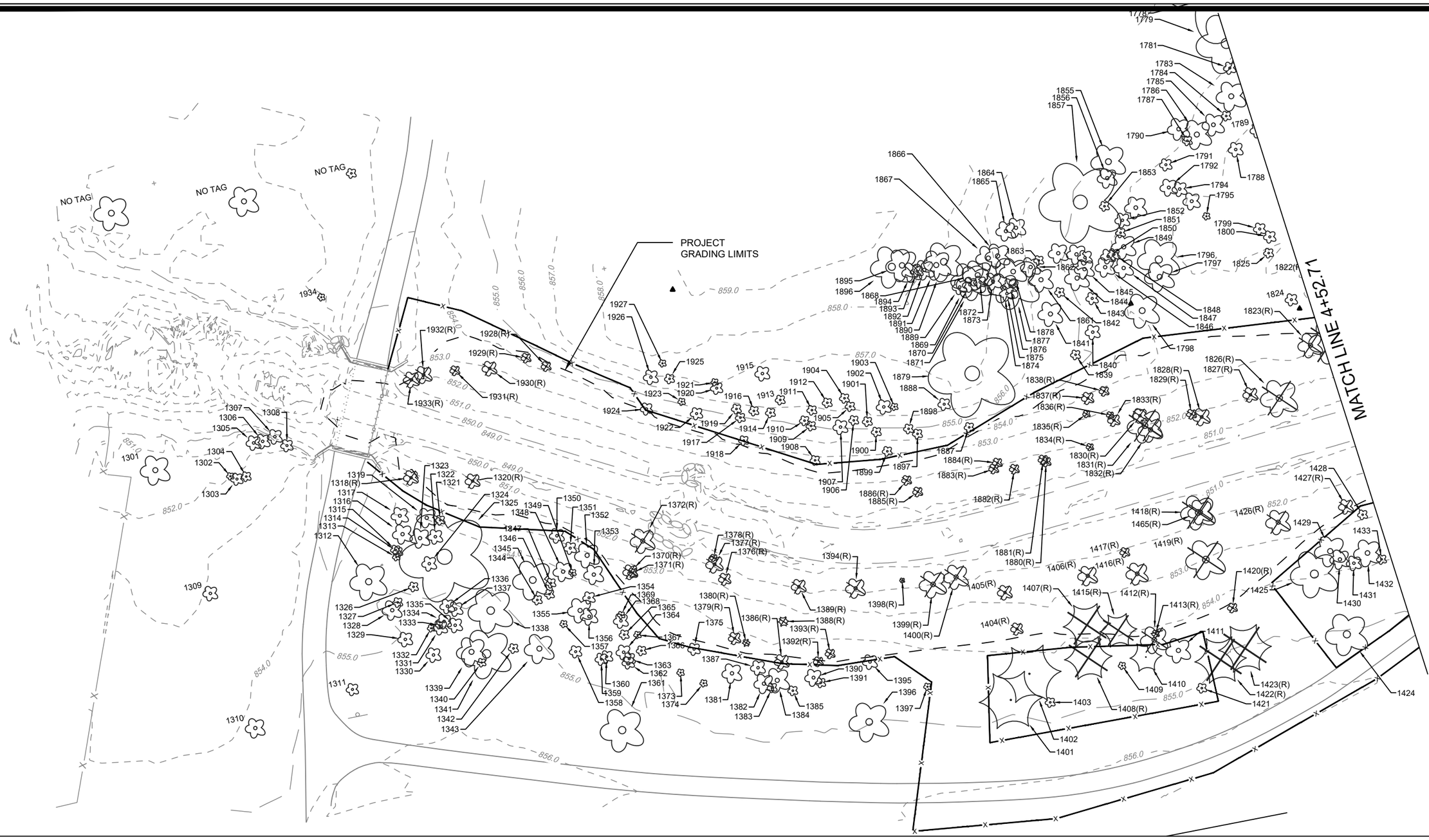
DETAILS

CASTLE CREEK IMPROVEMENTS

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13863

D10



TREE REMOVAL LEGEND

214 — TREE TO REMAIN & TREE TAG NUMBER, SEE TABLES ON SHEETS TR5 THROUGH TR7 FOR DETAILS

215(R) — TREE TO BE REMOVED & TREE TAG NUMBER, SEE SHEETS TR8 FOR DETAILS

—x— TREE PROTECTION FENCING.

CLEARING AND GRUBBING NOTES:

1) THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER AND CITY-HIRED ARBORIST PRIOR TO LIMBING ANY TREES THAT ARE TO REMAIN.
2) BRANCHES BROKEN ON SAVED TREES, DURING THE FELLING OF ADJACENT TREES, SHALL BE CUT OR LIMBED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
3) STUMPS WITHIN THE GRADING LIMITS SHALL BE GRUBBED.
4) STUMPS OUTSIDE OF THE GRADING LIMITS SHALL NOT BE GRUBBED, THEY SHALL, INSTEAD BE CUT TO WITHIN 3" OF THE GROUND AND TREATED WITH HERBICIDE.
5) ALL QUESTIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.
6) ALL EROSION CONTROL SHALL BE IN PLACE PRIOR TO TREE REMOVALS.
7) EXCESSIVE RUTTING FROM TREE REMOVALS SHALL NOT BE PERMITTED.
8) CONTRACTOR SHALL USE LOW GROUND PRESSURE EQUIPMENT IF COMPLETING REMOVALS ON THAWED SOIL

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13863
TR1

13863
MADISON, WI
CONTRACT NO: 9585

TREE REMOVAL PLAN
CASTLE CREEK IMPROVEMENTS

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CITY OF MADISON WISCONSIN

13863
TR1

MATCH LINE 4+52.71

MATCH LINE 10+28.49

NO TAG

NO TAG

NO TAG

NO TAG

MONTEREY DR

TRAILSWAY

PROJECT
GRADING LIMITS

TREE REMOVAL LEGEND

214 — TREE TO REMAIN & TREE TAG NUMBER, SEE TABLES ON SHEETS TR5 THROUGH TR7 FOR DETAILS

215(R) — TREE TO BE REMOVED & TREE TAG NUMBER, SEE SHEETS TR8 FOR DETAILS

—x— TREE PROTECTION FENCING.

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13863
TR2

13863

MADISON, WI

CONTRACT NO: 9585

TREE REMOVAL PLAN

CASTLE CREEK IMPROVEMENTS

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CITY OF MADISON WISCONSIN

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TR2

TREE REMOVAL LEGEND

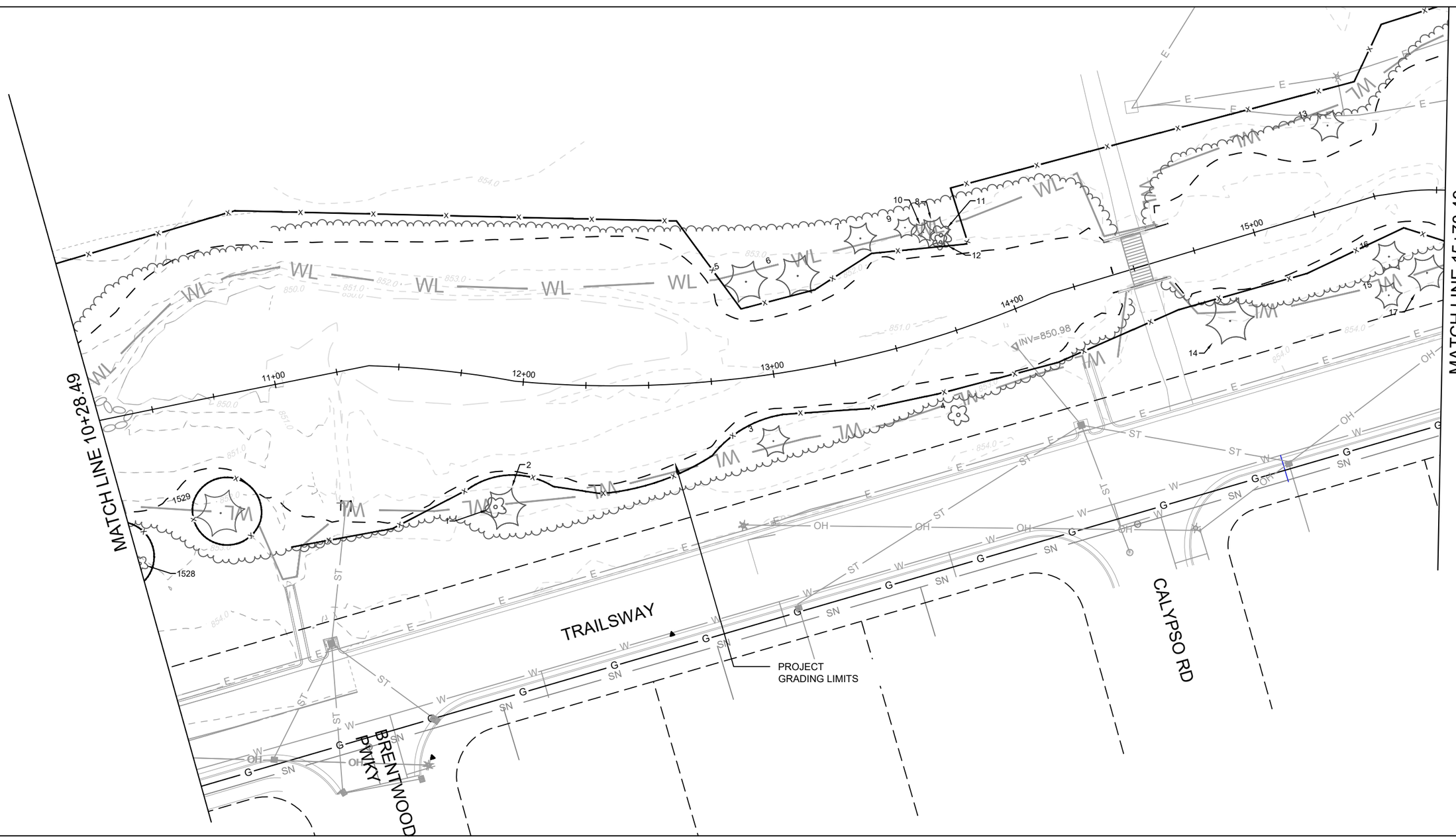
214 — TREE TO REMAIN & TREE TAG NUMBER, SEE TABLES ON SHEETS TR5 THROUGH TR7 FOR DETAILS

215(R) — TREE TO BE REMOVED & TREE TAG NUMBER, SEE SHEETS TR8 FOR DETAILS

—x— TREE PROTECTION FENCING.

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TREE REMOVAL PLAN
CASTLE CREEK IMPROVEMENTS
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MADISON, WI
CONTRACT NO: 9585

13863
TR3

TREE REMOVAL LEGEND

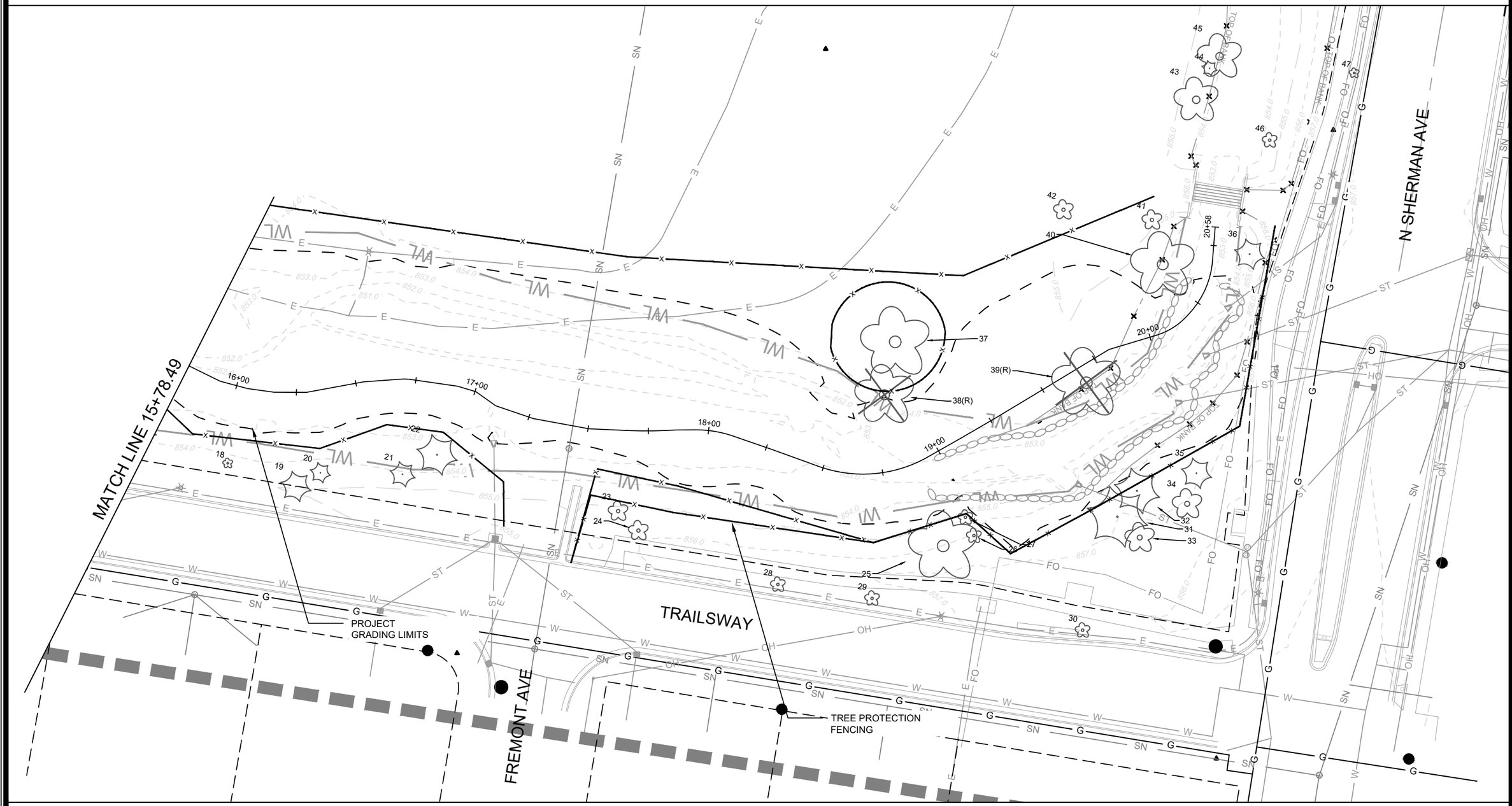
214 — TREE TO REMAIN & TREE TAG NUMBER, SEE TABLES ON SHEETS TR5 THROUGH TR7 FOR DETAILS

215(R) — TREE TO BE REMOVED & TREE TAG NUMBER, SEE SHEETS TR8 FOR DETAILS

—x— TREE PROTECTION FENCING.

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13863

MADISON, WI

CONTRACT NO: 9585

TREE REMOVAL PLAN

CASTLE CREEK IMPROVEMENTS

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13863

TR4

TR4

TREES TO REMAIN FROM SHEET TR1

TREES TO REMAIN		
TAG	DBH	SPECIES
1301	3.5"	London Planetree/Platanus acerifolia
1302	3.5"	Black WIllow /Salix nigra
1303	2.5", 4"	Mulberry/Morus ssp.
1304	4"	Black WIllow /Salix nigra
1305	4.5"	Buckthorn/Rhamnus cathartica
1306	1.5", 2.5"	Buckthorn/Rhamnus cathartica
1307	5"	Black WIllow /Salix nigra
1308	5"	Buckthorn/Rhamnus cathartica
1309	5.5"	Hackberry/Celtis occidentalis
1310	6"	River Birch/Betula nigra
1311	5"	Rivery Birch/Betula nigra
1312	15"	White Oak/Quercus alba
1313	3.5"	Green Ash/Fraxinus pennsylvanica
1314	4"	Ash/Fraxinus
1315	4.5"	Green Ash/Fraxinus pennsylvanica
1316	8"	Bassw ood/Tilia americana
1317	6.5"	Bassw ood/Tilia americana
1319	7.5"	Bassw ood/Tilia americana
1321	4.5"	Bassw ood/Tilia americana
1322	6"	Bassw ood/Tilia americana
1323	8.5"	Bassw ood/Tilia americana
1324	3.5", 4"	Bassw ood/Tilia americana
1325	32"	White Oak/Quercus alba
1326	3.5", 3.5"	Ash/Fraxinus
1327	5.5", 1.5"	Ash/Fraxinus
1328	7.5"	Box Elder/Acer negundo
1329	4.5"	American Elm/Ulmus americana
1330	5.5"	Box Elder/Acer negundo
1331	6"	Ash/Fraxinus
1332	3.5"	Red Oak/Quercus rubra
1333	3.5"	Bassw ood/Tilia americana
1334	6"	Bassw ood/Tilia americana
1335	5.5", 7.5"	Bassw ood/Tilia americana
1336	7"	Bassw ood/Tilia americana
1337	5.5"	Bassw ood/Tilia americana
1338	21.5"	Bassw ood/Tilia americana
1339	14"	Red Oak/Quercus rubra
1340	3.5"	Bassw ood/Tilia americana
1341	20"	Red Oak/Quercus rubra
1342	4.5"	Bassw ood/Tilia americana
1343	9",9.5",12.5"	Bassw ood/Tilia americana
1344	4"	Red Oak/Quercus rubra
1345	16"	Red Oak/Quercus rubra
1346	4.5"	Bassw ood/Tilia americana
1347	4"	Ash/Fraxinus
1348	7.5"	Red Oak/Quercus rubra
1349	3.5"	Bassw ood/Tilia americana
1350	7.5"	Bassw ood/Tilia americana
1351	5.5"	Sw amp White Oak/Quercus bicolor
1352	10.5"	Sw amp White Oak/Quercus bicolor
1353	7"	Black Walnut/Juglans nigra
1354	5.5"	Sw amp White Oak/Quercus bicolor

TREES TO REMAIN		
TAG	DBH	SPECIES
1355	11"	Green Ash/Fraxinus pennsylvanica
1356	7"	Red Oak/Quercus rubra
1357	3",3"	Bassw ood/Tilia americana
1358	5"	Bassw ood/Tilia americana
1359	4.5"	Red Oak/Quercus rubra
1360	5.5"	Black Walnut/Juglans nigra
1361	17.5"	Red Oak/Quercus rubra
1362	3.5"	Bassw ood/Tilia americana
1363	4"	Bassw ood/Tilia americana
1364	3.5",3.5",3.5",2",2",4"	Buckthorn/Rhamnus cathartica
1365	4"	Bassw ood/Tilia americana
1366	4.5"	Black Walnut/Juglans nigra
1367	1",2",2.5"	Bassw ood/Tilia americana
1368	7"	Red Oak/Quercus rubra
1369	3",2.5"	Bassw ood/Tilia americana
1373	3.5"	Black Walnut/Juglans nigra
1374	2.5",2",1"	Black Walnut/Juglans nigra
1375	4.5"	Black Walnut/Juglans nigra
1381	6.5"	Black Walnut/Juglans nigra
1382	8"	Black Walnut/Juglans nigra
1383	5"	Black Walnut/Juglans nigra
1384	10"	Black Walnut/Juglans nigra
1385	3",2"	Mulberry/Morus ssp.
1387	6.5"	Black Walnut/Juglans nigra
1390	7"	Black Walnut/Juglans nigra
1391	4.5"	Black Walnut/Juglans nigra
1395	6"	Black Walnut/Juglans nigra
1396	16"	Red Oak/Quercus rubra
1397	3",3"	Box Elder/Acer negundo
1401	26"	Eastern White Pine/Pinus strobus
1402	22"	Eastern White Pine/Pinus strobus
1403	4"	Mulberry/Morus ssp.
1409	3.5"	Black Walnut/Juglans nigra
1410	13"	Eastern White Pine/Pinus strobus
1411	16"	Black Walnut/Juglans nigra
1421	4",2"	Bassw ood/Tilia americana
1424	17"	Hackberry/Celtis occidentalis
1425	19"	Hackberry/Celtis occidentalis
1428	4.5"	Bassw ood/Tilia americana
1429	12.5"	Black Walnut/Juglans nigra
1430	10"	Black Walnut/Juglans nigra
1431	5"	Box Elder/Acer negundo
1432	11"	Box Elder/Acer negundo
1433	4.5"	Black Walnut/Juglans nigra
1777	52"	Red Oak/Quercus rubra
1779	29"	Unknow n
1781	4.5", 5"	Elm/Ulmus ssp
1783	12.5"	Black CHerry/Prunus serotina
1784	4.5"	Box Elder/Acer negundo
1785	9.5"	Box Elder/Acer negundo
1786	14"	Black CHerry/Prunus serotina
1787	5"	Green Ash/Fraxinus pennsylvanica

TREES TO REMAIN		
TAG	DBH	SPECIES
1788	6"	Box Elder/Acer negundo
1789	6"	Box Elder/Acer negundo
1790	9"	Black CHerry/Prunus serotina
1791	5"	Box Elder/Acer negundo
1792	7"	Box Elder/Acer negundo
1793	6.5"	Green Ash/Fraxinus pennsylvanica
1794	5"	Box Elder/Acer negundo
1795	3.5"	Black Locust/Robinia pseudoacacia
1796	1", 3", 3.5", 18.5"	Bassw ood/Tilia americana
1797	12.5", 13", 13.5", 14.5"	Bassw ood/Tilia americana
1798	4", 4.5", 6.5", 14", 14.5"	Bassw ood/Tilia americana
1799	5"	Buckthorn/Rhamnus cathartica
1800	3.5"	Ash/Fraxinus
1824	1", 5.5"	Bassw ood/Tilia americana
1825	4'< 4"	Mulberry/Morus ssp.
1839	4"	Bassw ood/Tilia americana
1840	6.4"	Ash/Fraxinus
1841	10"	Black Cherry/Prunus serotina
1842	5"	Black Cherry/Prunus serotina
1843	4.5"	Ash/Fraxinus
1844	9.5"	Black Cherry/Prunus serotina
1845	8.5"	Black Cherry/Prunus serotina
1846	8"	Unknow n
1847	9"	Uknow n
1848	5"	Black Cherry/Prunus serotina
1849	11"	Black Cherry/Prunus serotina
1850	7"	Black Cherry/Prunus serotina
1851	4"	Black Cherry/Prunus serotina
1852	7"	Black Cherry/Prunus serotina
1853	4.5"	Black Cherry/Prunus serotina
1854	9.5"	Black Cherry/Prunus serotina
1855	14"	Black Cherry/Prunus serotina
1856	8"	Black Cherry/Prunus serotina
1857	33", 33"	White Oak/Quercus alba
1858	4.5"	Black Cherry/Prunus serotina
1859	8.5"	Black Cherry/Prunus serotina
1860	1.5", 7"	Bassw ood/Tilia americana
1861	10.5"	Black Cherry/Prunus serotina
1862	8"	Bassw ood/Tilia americana
1863	3.5"	Bassw ood/Tilia americana
1864	8.5"	Bassw ood/Tilia americana
1865	7"	Bassw ood/Tilia americana
1866	12"	Bassw ood/Tilia americana
1867	10.5"	Bassw ood/Tilia americana
1868	13"	Bassw ood/Tilia americana
1869	16"	Bassw ood/Tilia americana
1870	5.5"	Bassw ood/Tilia americana
1871	15.5"	Bassw ood/Tilia americana
1872	5.5"	Bassw ood/Tilia americana
1873	8"	Bassw ood/Tilia americana
1874	12"	Red Oak/Quercus rubra
1875	6"	Bassw ood/Tilia americana

TREES TO REMAIN		
TAG	DBH	SPECIES
1876	5.5"	Bassw ood/Tilia americana
1877	11", 21.5"	Bassw ood/Tilia americana
1878	12"	Bassw ood/Tilia americana
1879	35"	White Oak/Quercus alba
1887	4"	Mulberry/Morus ssp.
1888	5"	Bassw ood/Tilia americana
1889	4.5", 5"	Bassw ood/Tilia americana
1890	16"	Bassw ood/Tilia americana
1891	13"	Bassw ood/Tilia americana
1892	7.5"	Bassw ood/Tilia americana
1893	5"	Bassw ood/Tilia americana
1894	9"	Bassw ood/Tilia americana
1895	13"	Bassw ood/Tilia americana
1896	17"	Bassw ood/Tilia americana
1897	4.5"	Bassw ood/Tilia americana
1898	4.5"	Red Oak/Quercus rubra
1899	3.5"	Black Walnut/Juglans nigra
1900	5"	Red Oak/Quercus rubra
1901	4"	Bassw ood/Tilia americana
1902	2.5", 2.5", 4.5", 7"	Bassw ood/Tilia americana
1903	3.5"	Red Oak/Quercus rubra
1904	4.5"	Red Oak/Quercus rubra
1905	4.5"	Red Oak/Quercus rubra
1906	5"	Red Oak/Quercus rubra
1907	6"	Red Oak/Quercus rubra
1908	4.5"	Black Walnut/Juglans nigra
1909	4"	Red Oak/Quercus rubra
1910	4"	Red Oak/Quercus rubra
1911	3.5"	Red Oak/Quercus rubra
1912	5"	Red Oak/Quercus rubra
1913	4"	Red Oak/Quercus rubra
1914	4"	Bassw ood/Tilia americana
1915	6"	Red Oak/Quercus rubra
1916	4"	Bassw ood/Tilia americana
1917	4.5"	Red Oak/Quercus rubra
1918	4"	Black Walnut/Juglans nigra
1919	4.5"	Red Oak/Quercus rubra
1920	5"	Red Oak/Quercus rubra
1921	4"	Red Oak/Quercus rubra
1922	4"	Red Oak/Quercus rubra
1923	4"	Red Oak/Quercus rubra
1924	5"	Black Walnut/Juglans nigra
1925	4"	Red Oak/Quercus rubra
1926	6"	Black Walnut/Juglans nigra
1927	3.5"	Red Oak/Quercus rubra
1934	4"	
NO TAG	4"	
NO TAG	12"	
NO TAG	14"	

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TR5

13863

MADISON, WI

CONTRACT NO: 9585

TREE REMOVAL PLAN

CASTLE CREEK IMPROVEMENTS

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CITY OF MADISON WISCONSIN

13863

TR5

TREES TO REMAIN FROM SHEET TR2

TREES TO REMAIN		
TAG	DBH	SPECIES
1434	6.5"	Black Walnut/Juglans nigra
1435	6.5",9.5",7.5"	Box Elder/Acer negundo
1436	4.5"	Box Elder/Acer negundo
1437	11"	Black Walnut/Juglans nigra
1470	155"	Red Oak/Quercus rubra
1472	21"	Red Oak/Quercus rubra
1475	18",13"	Red Oak/Quercus rubra
1487	4"	Bald Cypress/Taxodium distichum
1523	3", 4.5", 9"	Eastern White Cedar/Thuja occidentalis
1524	45"	Bur Oak/Quercus macrocarpa
1525	27.5"	Basswood/Tilia americana
1526	27"	Basswood/Tilia americana
1527	5.5"	Silver Maple/Acer saccharinum
1528	6"	Northern Catalpa/Catalpa speciosa
1531	6"	American Elm/Ulmus americana
1532	8"	Box Elder/Acer negundo
1533	5"	Box Elder/Acer negundo
1534	7"	Box Elder/Acer negundo
1535	5.5"	Box Elder/Acer negundo
1536	7"	Box Elder/Acer negundo
1537	11"	Box Elder/Acer negundo
1538	2.5", 4.5", 7", 7.5"	Ash/Fraxinus
1539	3.5"	Box Elder/Acer negundo
1540	4.5"	Box Elder/Acer negundo
1544	4.5"	Box Elder/Acer negundo
1545	4.5"	Box Elder/Acer negundo
1546	3.5"	Green Ash/Fraxinus pennsylvanica
1547	4"	Ash/Fraxinus
1548	13"	Green Ash/Fraxinus pennsylvanica
1549	8"	Box Elder/Acer negundo
1550	3.5"	Green Ash/Fraxinus pennsylvanica
1551	5"	Green Ash/Fraxinus pennsylvanica
1552	6"	American Elm/Ulmus americana
1561	21", 18"	Basswood/Tilia americana
1562	32"	Bur Oak/Quercus macrocarpa
1566	8.5", 11", 13.5"	Basswood/Tilia americana
1567	1", 2", 3", 5", 13", 17"	Basswood/Tilia americana
1568	1", 3", 14.5"	Basswood/Tilia americana
1571	4.5", 9", 12.5", 18"	Basswood/Tilia americana
1572	28"	Red Oak/Quercus rubra
1573	1", 1", 4", 4", 18"	Basswood/Tilia americana
1574	7.5", 18.5"	Basswood/Tilia americana
1575	17"	American Elm/Ulmus americana
1576	15.5"	Box Elder/Acer negundo
1577	12"	Box Elder/Acer negundo
1578	21"	Hackberry/Celtis occidentalis
1581	17"	Hackberry/Celtis occidentalis
1582	7"	Swamp White Oak/Quercus bicolor
1583	4.5"	Hackberry/Celtis occidentalis
1584	12"	Box Elder/Acer negundo
1585	12"	Ash/Fraxinus
1586	21.5"	Black Walnut/Juglans nigra
1587	6"	Box Elder/Acer negundo
1588	5"	Green Ash/Fraxinus pennsylvanica
1589	11"	American Elm/Ulmus americana

TREES TO REMAIN		
TAG	DBH	SPECIES
1590	10"	Ash/Fraxinus
1591	8.5"	Unknown
1593	11"	Green Ash/Fraxinus pennsylvanica
1594	15"	Ash/Fraxinus
1595	21"	Box Elder/Acer negundo
1596	12"	Ash/Fraxinus
1597	4.5"	Hackberry/Celtis occidentalis
1598	10"	Ash/Fraxinus
1599	13"	Ash/Fraxinus
1600	13"	Green Ash/Fraxinus pennsylvanica
1601	6"	Ash/Fraxinus
1602	4", 1"	Buckthorn/Rhamnus cathartica
1604	1", 3", 3.5"	Box Elder/Acer negundo
1605	13.5"	Ash/Fraxinus
1606	1", 3.5"	Buckthorn/Rhamnus cathartica
1607	3.5"	Buckthorn/Rhamnus cathartica
1608	13"	Red Oak/Quercus rubra
1609	3.5"	BUckthorn/Rhamnus cathartica
1610	6"	American Elm/Ulmus americana
1612	4"	Box Elder/Acer negundo
1614	3", 10.5"	Box Elder/Acer negundo
1615	3.5"	Box Elder/Acer negundo
1616	5"	Black Walnut/Juglans nigra
1622	6"	Black Cherry/Prunus serotina
1603	4.5"	Buckthorn/Rhamnus cathartica
1624	13"	Hackberry/Celtis occidentalis
1626	29.5"	Swamp White Oak/Quercus bicolor
1627	12"	American Elm/Ulmus americana
1628	26"	Swamp White Oak/Quercus bicolor
1629	10"	Black Cherry/Prunus serotina
1630	16"	Basswood/Tilia americana
1631	16"	Box Elder/Acer negundo
1632	5"	Ash/Fraxinus
1633	18"	American Elm/Ulmus americana
1634	15"	Unknown
1635	4"	Buckthorn/Rhamnus cathartica
1636	4"	Buckthorn/Rhamnus cathartica
1637	2", 2", 2", 4.5"	Buckthorn/Rhamnus cathartica
1638	1", 2", 2", 2", 8"	Ash/Fraxinus
1639	7"	Ash/Fraxinus
1640	12"	Ash/Fraxinus
1641	13.5"	Green Ash/Fraxinus pennsylvanica
1642	7"	Green Ash/Fraxinus pennsylvanica
1643	7.5"	Siberian Elm/Ulmus pumila
1644	12.5"	Box Elder/Acer negundo
1645	6"	Ash/Fraxinus
1646	8.5"	Green Ash/Fraxinus pennsylvanica
1647	5.5"	Ash/Fraxinus
1648	6.5"	Ash/Fraxinus
1649	16"	Green Ash/Fraxinus pennsylvanica
1650	7"	Ash/Fraxinus
1651	4.5"	Buckthorn/Rhamnus cathartica
1652	6.5"	Ash/Fraxinus
1653	8"	American Elm/Ulmus americana
1660	3.5", 4"	Hackberry/Celtis occidentalis

TREES TO REMAIN		
TAG	DBH	SPECIES
1661	5.5"	Box Elder/Acer negundo
1662	16.5"	Black Cherry/Prunus serotina
1663	25"	Swamp White Oak/Quercus bicolor
1664	5.5"	Black Cherry/Prunus serotina
1665	6.5"	Hackberry/Celtis occidentalis
1671	17"	Unknown
1672	14"	Box Elder/Acer negundo
1673	14.5," 15.5"	Box Elder/Acer negundo
1674	5.5"	Black Cherry/Prunus serotina
1675	6"	Box Elder/Acer negundo
1676	5"	Green Ash/Fraxinus pennsylvanica
1677	20"	Hackberry/Celtis occidentalis
1678	5.5'	Black Cherry/Prunus serotina
1682	10"	Box Elder/Acer negundo
1683	11"	Green Ash/Fraxinus pennsylvanica
1685	8.5"	Green Ash/Fraxinus pennsylvanica
1686	1", 3.5"	Buckthorn/Rhamnus cathartica
1687	9", 11"	Box Elder/Acer negundo
1688	11.5" 17"	Green Ash/Fraxinus pennsylvanica
1679	5"	Box Elder/Acer negundo
1681	1.5", 4.5"	Box Elder/Acer negundo
1691	9.5"	Box Elder/Acer negundo
1692	14", 15"	Black Walnut/Juglans nigra
1693	11"	American Elm/Ulmus americana
1694	11.5"	Ash/Fraxinus
1695	16.5"	Ash/Fraxinus
1696	5.5"	Green Ash/Fraxinus pennsylvanica
1697	10.5"	Ash/Fraxinus
1698	3.5"	Hackberry/Celtis occidentalis
1699	1", 2", 2.5", 3", 3.5"	Buckthorn/Rhamnus cathartica
1700	2.5", 4"	Buckthorn/Rhamnus cathartica
1701	2.5", 4'	Box Elder/Acer negundo
1702	14"	Box Elder/Acer negundo
1703	17."	Black Cherry/Prunus serotina
1704	3.5"	Buckthorn/Rhamnus cathartica
1705	10.5"	Siberian Elm/Ulmus pumila
1706	4.5"	Buckthorn/Rhamnus cathartica
1707	2.5", 4"	Hawthorn ssp./ Crataegus
1708	8"	Box Elder/Acer negundo
1709	5.5"	Ash/Fraxinus
1710	18"	Black Cherry/Prunus serotina
1711	1", 1", 1.5", 3.5"	Buckthorn/Rhamnus cathartica
1712	4"	Buckthorn/Rhamnus cathartica
1713	4"	Buckthorn/Rhamnus cathartica
1714	1", 1", 1", 3.5"	Buckthorn/Rhamnus cathartica
1715	4"	Buckthorn/Rhamnus cathartica
1716	17.5"	Box Elder/Acer negundo
1717	4"	Buckthorn/Rhamnus cathartica
1719	29.5"	Swamp White Oak/Quercus bicolor
1720	3.5"	Buckthorn/Rhamnus cathartica
1724	6"	Siberian Elm/Ulmus pumila
1725	3.5"	Box Elder/Acer negundo
1726	5"	Ash/Fraxinus
1727	11"	Box Elder/Acer negundo
1728	7"	Box Elder/Acer negundo

TREES TO REMAIN		
TAG	DBH	SPECIES
1718	4.5"	Box Elder/Acer negundo
1730	20"	Swamp White Oak/Quercus bicolor
1731	26"	Swamp White Oak/Quercus bicolor
1732	7"	Black Cherry/Prunus serotina
1733	11"	Box Elder/Acer negundo
1734	14.4"	Black Cherry/Prunus serotina
1735	13.5"	American Elm/Ulmus americana
1736	4"	Buckthorn/Rhamnus cathartica
1737	8"	Box Elder/Acer negundo
1738	8.5"	Box Elder/Acer negundo
1739	22"	Black Cherry/Prunus serotina
1740	8", 12"	Black Cherry/Prunus serotina
1741	4.5"	Buckthorn/Rhamnus cathartica
1742	9.5"	Box Elder/Acer negundo
1743	4"	Buckthorn/Rhamnus cathartica
1744	8"	Box Elder/Acer negundo
1745	8", 8.5", 10", 11", 13.5"	Box Elder/Acer negundo
1749	6"	Box Elder/Acer negundo
1750	37.5"	Bur Oak/Quercus macrocarpa
1751	4"	Black Cherry/Prunus serotina
1752	4"	Black Cherry/Prunus serotina
1753	4"	Buckthorn/Rhamnus cathartica
1754	4.5"	Black Cherry/Prunus serotina
1755	9"	Black Cherry/Prunus serotina
1756	10.5"	Ash/Fraxinus
1757	5"	Black Cherry/Prunus serotina
1758	5"	Black Cherry/Prunus serotina
1759	10.5"	Ash/Fraxinus
1760	4"	Buckthorn/Rhamnus cathartica
1761	6"	Buckthorn/Rhamnus cathartica
1762	4"	Mulberry/Morus ssp.
1763	5"	Green Ash/Fraxinus pennsylvanica
1764	19"	Hackberry/Celtis occidentalis
1765	12"	Ash/Fraxinus
1766	4", 10.5"	Siberian Elm/Ulmus pumila
1767	12.5"	Ash/Fraxinus
1768	6.5"	Black Cherry/Prunus serotina
1769	8"	Box Elder/Acer negundo
1770	3.5"	Black Cherry/Prunus serotina
1771	3.5", 4"	Buckthorn/Rhamnus cathartica
1772	3.4"	Box Elder/Acer negundo
1773	7"	Black Cherry/Prunus serotina
1774	12"	Black Cherry/Prunus serotina
1775	3.5"	Box Elder/Acer negundo
1776	21.5"	White Oak/Quercus alba
1780	10.5"	Black CHerry/Prunus serotina
1782	14"	Siberian Elm/Ulmus pumila
1789	6"	Box Elder/Acer negundo
1801	5.5"	Mulberry/Morus ssp.
1802	2.5", 3.5", 5", 6.5"	Mulberry/Morus ssp.
1803	3.5"	Mulberry/Morus ssp.
1804	3.5"	Box Elder/Acer negundo
1813	7.5"	Bur Oak/Quercus macrocarpa
1820	7"	Box Elder/Acer negundo
1821	4"	Box Elder/Acer negundo
NO TAG	4"	

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TR6

13863

TREE REMOVAL PLAN

CASTLE CREEK IMPROVEMENTS

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MADISON, WI

CONTRACT NO: 9585

CITY OF MADISON WISCONSIN

13863

TR6

TREES TO REMAIN FROM SHEET TR3

TREES TO REMAIN		
TAG	DBH	SPECIES
1	7.5"	Mulberry- Morus sp.
2	17"	Norway Spruce - Picea abies
3	9.5", 10.5", 11.5"	Scotch Pine - Pinus sylvestris
4	8"	Freeman Maple - Acer x freemanii
5	10", 16.5"	Red Pine - Pinus resinosa
6	17.5"	Red Pine - Pinus resinosa
7	11"	White Spruce - Picea glauca
8	10"	White Spruce - Picea glauca
9	8"	White Spruce - Picea glauca
10	8", 8", 6", 4", 4", 7", 1"	White Spruce - Picea glauca
11	8, 8, 6, 4, 4, 7, 1"	Silver Maple- Acer sacchirinum
12	5"	Mulberry- Morus sp.
13	13.5"	Red Pine - Pinus resinosa
14	10", 10.5"	Red Pine - Pinus resinosa
15	10, 10.5"	Red Pine - Pinus resinosa
16	11.5"	Norway Spruce - Picea abies
17	15.5"	Red Pine - Pinus resinosa
1528	6"	Northern Catalpa/Catalpa speciosa
1529	18"	Norway Spruce/Picea abies

TREES TO REMAIN FROM SHEET TR4

TREES TO REMAIN		
TAG	DBH	SPECIES
17	15.5"	Red Pine - Pinus resinosa
18	3.5", 3.5"	Musclewood- Carpinus caroliniana
19	11.5"	White Spruce - Picea glauca
20	9"	Spruce spp.- Picea spp.
21	10", 10", 8.5"	Colorado Blue Spruce - Picea pungens
22	20"	Colorado Blue Spruce - Picea pungens
23	6.5", 8", 11"	Hawthorn spp. - Crataegus
24	6.5", 6.5", 9", 11"	Hawthorn spp. - Crataegus
25	30.5"	Honey Locust - Gleditsia triacanthos
26	4.5", 5"	Hawthorn spp. - Crataegus
27	4.5", 5", 5.5"	Hawthorn spp. - Crataegus
28	7"	Kentucky Coffeetree - Gymnocladus dioicus
29	8.5"	Swamp White Oak- Quercus bicolor
30	8"	Buckeye spp. - Aesculus
31	21"	Colorado Blue Spruce - Picea pungens
32	16.6"	Colorado Blue Spruce - Picea pungens
33	9", 10.5"	Paper Birch - Betula papyrifera
34	9", 9.5"	Paper Birch - Betula papyrifera
35	13"	Colorado Blue Spruce - Picea pungens
36	12"	Red Pine - Pinus resinosa
37	25"	Hackberry- Celtis occidentalis
38	23"	Hackberry- Celtis occidentalis
40	26"	Basswood- Tilia Americana
41	6", 8", 9"	Crabapple - Malus spp.
42	6, 8, 9"	Crabapple - Malus spp.
43	18.5"	Sugar Maple- Acer saccharum
44	8"	Spruce spp.- Picea spp.
45	18"	Silver Maple- Acer sacchirinum
46	7.5"	Red Maple- Acer Rubrum
47	3"	Buckeye spp. - Aesculus
48	16"	Hackberry- Celtis occidentalis
49	14"	Hybrid Elm spp. - Ulmus
50	4"	Kentucky Coffeetree - Gymnocladus dioicus
51	6, 6.5, 7, 7.5, 8"	Hawthorn spp. - Crataegus
52	5.5, 5.5, 8"	Hawthorn spp. - Crataegus
53	13.5"	Hackberry- Celtis occidentalis
54	15.5"	Colorado Blue Spruce - Picea pungens
55	10"	Colorado Blue Spruce - Picea pungens
56	12"	Colorado Blue Spruce - Picea pungens
57	15.5"	Colorado Blue Spruce - Picea pungens
58	6"	Swamp White Oak- Quercus bicolor
59	19.5"	Hackberry- Celtis occidentalis
60	12"	Siberian Elm - Ulmus pumila
61	15.5"	Siberian Elm - Ulmus pumila
62	12"	Siberian Elm - Ulmus pumila
63	22"	Honey Locust - Gleditsia triacanthos
64	15.5"	Sugar Maple- Acer saccharum
65	18"	Sugar Maple- Acer saccharum

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MADISON, WI

CONTRACT NO: 9585

TREE REMOVAL PLAN

CASTLE CREEK IMPROVEMENTS

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13863

TR7

TREE REMOVALS - ALL SHEETS

TAG	DBH	SPECIES
38	23"	Hackberry- Celtis occidentalis
39	5.5	Unknown
1318	5.5", 3.5"	Unsure- dead
1320	4.5", 5"	Hackberry/Celtis occidentalis
1370	6"	Basswood/Tilia americana
1371	4"	Black Walnut/Juglans nigra
1372	10.5"	Honey Locust/Gleditsia triacanthos
1376	10"	American Elm/Ulmus americana
1377	6.5"	Mulberry/Morus ssp.
1378	3.5"	American Elm/Ulmus americana
1379	5"	Black Walnut/Juglans nigra
1380	3.5"	Red Cedar/Juniperus virginiana
1386	5.5"	Black Walnut/Juglans nigra
1388	4"	Red Cedar/Juniperus virginiana
1389	4.5",5.5",6"	Buckthorn/Rhamnus cathartica
1392	4"	Black Walnut/Juglans nigra
1393	4"	Black Walnut/Juglans nigra
1394	7"	Unknown
1398	1.5",1.5",1.5",2",1",1"	Green Ash/Fraxinus pennsylvanica
1399	11",4.5"	Siberian Elm/Ulmus pumila
1400	11"	Honey Locust/Gleditsia triacanthos
1404	4.5"	Black Walnut/Juglans nigra
1405	5",5"	Black Walnut/Juglans nigra
1406	7",7",6"	Mulberrry/Morus ssp.
1407	18.5"	Eastern White Pine/Pinus strobus
1408	19"	Eastern White Pine/Pinus strobus
1412	10.5"	Black Walnut/Juglans nigra
1413	2",2"	Basswood/Tilia americana
1415	14.5"	Eastern White Pine/Pinus strobus
1416	9.5",8.5"	Hackberry/Celtis occidentalis
1417	3.5"	Ash/Fraxinus
1418	6",10",12.5"	Honey Locust/Gleditsia triacanthos
1419	16.5"	Hackberry/Celtis occidentalis
1420	4.5",1"	Green Ash/Fraxinus pennsylvanica
1422	19.5"	Eastern White Pine/Pinus strobus
1423	20"	Eastern White Pine/Pinus strobus
1426	10"	Black Walnut/Juglans nigra
1427	7"	Black Walnut/Juglans nigra
1438	10.5", 8", 5"	Red Oak/Quercus rubra
1439	8"	Box Elder/Acer negundo
1440	10.5"	Honey Locust/Gleditsia triacanthos
1441	4"	Basswood/Tilia americana
1442	4.5"	Green Ash/Fraxinus pennsylvanica
1443	9"	Eastern White Pine/Pinus strobus
1444	15.5"	Red Oak/Quercus rubra
1445	17.5", 8"	Eastern White Pine/Pinus strobus
1446	4"	Box Elder/Acer negundo
1447	5.5"	Ash/Fraxinus
1448	4.5"	Box Elder/Acer negundo
1449	11", 6.5"	Eastern White Pine/Pinus strobus
1450	4.5"	Mulberry/Morus ssp.
1451	9.5"	Eastern White Pine/Pinus strobus

TAG	DBH	SPECIES
1452	8"	Box Elder/Acer negundo
1453	35"	Green Ash/Fraxinus pennsylvanica
1454	4"	Box Elder/Acer negundo
1455	35"	Green Ash/Fraxinus pennsylvanica
1456	4"	Box Elder/Acer negundo
1457	4"	Buckthorn/Rhamnus cathartica
1458	6"	Green Ash/Fraxinus pennsylvanica
1459	4"	Box Elder/Acer negundo
1460	4"	Box Elder/Acer negundo
1461	3.5"	Box Elder/Acer negundo
1462	4.5"	Box Elder/Acer negundo
1463	4",4.5",5",5.5"	Hawthorn/Crataegus ssp.
1464	5"	Hackberry/Celtis occidentalis
1465	4",4.5",5",5.5"?	Hawthorn/Crataegus ssp.
1466	2",3.5",5",1",1"	Box Elder/Acer negundo
1467	10",8.5",6",6"	Green Ash/Fraxinus pennsylvanica
1468	7"	American Elm/Ulmus americana
1469	7.5"	Black Walnut/juglans nigra
1471	4"	Box Elder/Acer negundo
1473	3.5", 8"	Green Ash/Fraxinus pennsylvanica
1474	8"	Box Elder/Acer negundo
1476	2",3",3",8",5"	Mulberry/Morus ssp.
1477	6.5",4.5",4.5"	Elm/Ulmus
1478	5"	Green Ash/Fraxinus pennsylvanica
1479	4"	Box Elder/Acer negundo
1480	4.5"	Black Walnut/Juglans nigra
1481	5.5"	American Elm/Ulmus americana
1482	4.5"	Box Elder/Acer negundo
1483	3.5"	Box Elder/Acer negundo
1484	3.5"	Buckthorn/Rhamnus cathartica
1485	4"	Box Elder/Acer negundo
1486	4"	Silver Maple/Acer saccharinum
1488	4"	American Elm/Ulmus americana
1489	3.5"	Silver Maple/Acer saccharinum
1490	3.5"	Silver Maple/Acer saccharinum
1491	7"	Mulberry/Morus ssp.
1492	3.5"	Buckthorn/Rhamnus cathartica
1493	4.5"	Silver Maple/Acer saccharinum
1494	5.5"	Unknown
1495	6"	Green Ash/Fraxinus pennsylvanica
1496	4"	Hackberry/Celtis occidentalis
1497	5"	Green Ash/Fraxinus pennsylvanica
1498	6"	Elm/Ulmus
1499	8.5"	Box Elder/Acer negundo
1500	8"	Box Elder/Acer negundo
1501	18.5"	Siberian Elm/Ulmus pumila
1502	8.5', 4'	Box Elder/Acer negundo
1503	3.5"	Silver Maple/Acer saccharinum
1504	5.5", 5.5"	Silver Maple/Acer saccharinum
1505	5.5"	Mulberry/Morus rubra
1506	10.5"	Scotch Pine/Pinus sylvelstris
1507	4"	Silver Maple/Acer saccharinum

TAG	DBH	SPECIES
1508	5"	Silver Maple/Acer saccharinum
1509	8.5"	Scotch Pine/Pinus sylvelstris
1510	5.5"	Silver Maple/Acer saccharinum
1511	18.5"	Scotch Pine/Pinus sylvelstris
1512	4.5"	American Elm/Ulmus americana
1513	14"	Scotch Pine/Pinus sylvelstris
1514	3.5"	Silver Maple/Acer saccharinum
1515	5.5"	Silver Maple/Acer saccharinum
1516	4"	Silver Maple/Acer saccharinum
1517	3.5"	Silver Maple/Acer saccharinum
1518	4"	Silver Maple/Acer saccharinum
1519	4"	Silver Maple/Acer saccharinum
1520	4.5"	Box Elder/Acer negundo
1522	4.5"	Box Elder/Acer negundo
1530	5"	Green Ash/Fraxinus pennsylvanica
1541	2", 3", 4.5"	Green Ash/Fraxinus pennsylvanica
1542	9.5"	Ash/Fraxinus
1543	6"	Ash/Fraxinus
1553	14"	Ash/Fraxinus
1554	7"	Silver Maple/Acer saccharinum
1555	7"	American Elm/Ulmus americana
1556	4"	Silver Maple/Acer saccharinum
1557	16"	Green Ash/Fraxinus pennsylvanica
1558	3.5"	Ash/Fraxinus
1559	13.5"	Ash/Fraxinus
1560	3.5"	Black Walnut/Juglans nigra
1563	11.5"	Box Elder/Acer negundo
1564	3.5"	Basswood/Tilia americana
1565	4", 10.5"	Basswood/Tilia americana
1569	12"	American Elm/Ulmus americana
1570	9"	American Elm/Ulmus americana
1579	6.5"	Box Elder/Acer negundo
1580	6.5"	Mulberry/Morus ssp.
1611	3.5"	BUckthorn/Rhamnus cathartica
1613	6"	Mulberry/Morus ssp.
1617	30.5"	Green Ash/Fraxinus pennsylvanica
1618	2", 3", 8"	Buckthorn/Rhamnus cathartica
1619	7", 8"	Buckthorn/Rhamnus cathartica
1620	5.5"	BUckthorn/Rhamnus cathartica
1621	4"	BUckthorn/Rhamnus cathartica
1625	10.5"	Box Elder/Acer negundo
1654	13.5"	Black Walnut/Juglans nigra
1655	3.5"	Box Elder/Acer negundo
1656	4.5"	Box Elder/Acer negundo
1657	3.5"	Mulberry/Morus ssp.
1658	5.5"	Green Ash/Fraxinus pennsylvanica
1659	4", 9.5", 9.5"	Basswood/Tilia americana
1666	4.5"	Mulberry/Morus ssp.
1667	3.5"	Mulberry/Morus ssp.
1668	7", 8.5"	Mulberry/Morus ssp.
1669	3.5"	Mulberry/Morus ssp.
1670	2", 6"	Basswood/Tilia americana

TAG	DBH	SPECIES
1721	8.5"	Box Elder/Acer negundo
1722	18"	Unknown
1723	8"	Siberian Elm/Ulmus pumila
1746	7"	Green Ash/Fraxinus pennsylvanica
1747	12"	Box Elder/Acer negundo
1748	17"	Basswood/Tilia americana
1805	6.5"	Green Ash/Fraxinus pennsylvanica
1806	3.5"	Mulberry/Morus ssp.
1807	2", 3.5"	Mulberry/Morus ssp.
1808	3.5"	Box Elder/Acer negundo
1809	4.5"	Buckthorn/Rhamnus cathartica
1810	14.5"	Green Ash/Fraxinus pennsylvanica
1811	6.5"	Unknown
1812	10"	Unknown
1814	4.5"	Buckthorn/Rhamnus cathartica
1815	6"	Box Elder/Acer negundo
1816	6"	Box Elder/Acer negundo
1817	14.5"	SIberian Elm/Ulmus pumila
1818	3.5"	Green Ash/Fraxinus pennsylvanica
1819	5"	Box Elder/Acer negundo
1822	18.5"	Green Ash/Fraxinus pennsylvanica
1823	7", 9"	Siberian Elm/Ulmus pumila
1826	13", 14.5", 15"	Honey Locust/Gleditsia tricanthos
1827	1", 3", 5"	Mulberry/Morus ssp.
1828	7"	Green Ash/Fraxinus pennsylvanica
1829	4"	Buckthorn/Rhamnus cathartica
1830	5"	Basswood/Tilia americana
1831	16"	Green Ash/Fraxinus pennsylvanica
1832	4.5", 7.5", 9.5"	Siberian Elm/Ulmus pumila
1833	5.5"	Basswood/Tilia americana
1834	3.5"	American Elm/Ulmus americana
1835	4"	Basswood/Tilia americana
1836	3.5"	Basswood/Tilia americana
1837	3", 4.5"	Basswood/Tilia americana
1838	4"	Basswood/Tilia americana
1880	5"	Mulberry/Morus ssp.
1881	1.5", 4.5"	Mulberry/Morus ssp.
1882	3.5"	Mulberry/Morus ssp.
1883	4"	Mulberry/Morus ssp.
1884	4"	Mulberry/Morus ssp.
1885	3.5"	Green Ash/Fraxinus pennsylvanica
1886	3.5"	Green Ash/Fraxinus pennsylvanica
1928	4"	Red Oak/Quercus rubra
1929	3.5"	Red Oak/Quercus rubra
1930	6"	Black Walnut/Juglans nigra
1931	1", 1", 1", 4"	Basswood/Tilia americana
1932	6.5"	Mulberry/Morus ssp.
1933	6.5"	Black WIllow /Salix nigra
NO TAG		

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13863
TR8

13863

TREE REMOVAL PLAN

CASTLE CREEK IMPROVEMENTS

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MADISON, WI

CONTRACT NO: 9585

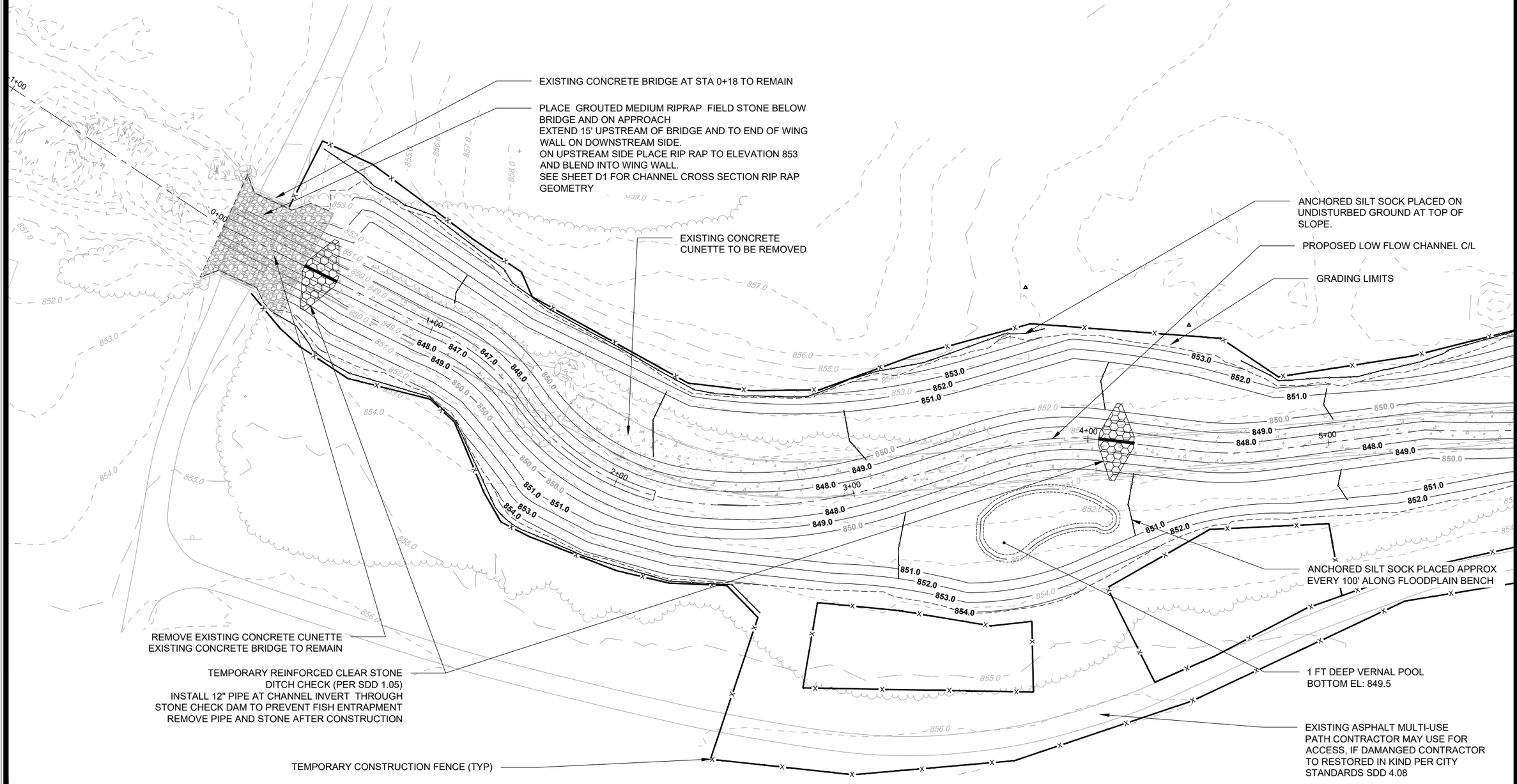
CITY OF MADISON WISCONSIN

13863

TR8

EROSION CONTROL NOTES

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6. NO CONSTRUCTION MATERIALS OR STOCKPILES SHALL BE STORED IN THE CHANNEL. STOCKPILES SHALL HAVE PERIMETER CONTROLS AND/OR BE COVERED AT THE END OF THE WORK DAY.
7. THE CONTRACTOR SHALL INSTALL SILT FENCE OR SILT SOCK AT THE DIRECTION OF THE CONSTRUCTION ENGINEER.
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9. ADDITIONAL INLET PROTECTION MAY BE REQUIRED OUTSIDE THE LIMITS OF THIS SHEET.
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13863

MADISON, WI

CONTRACT NO: 9585

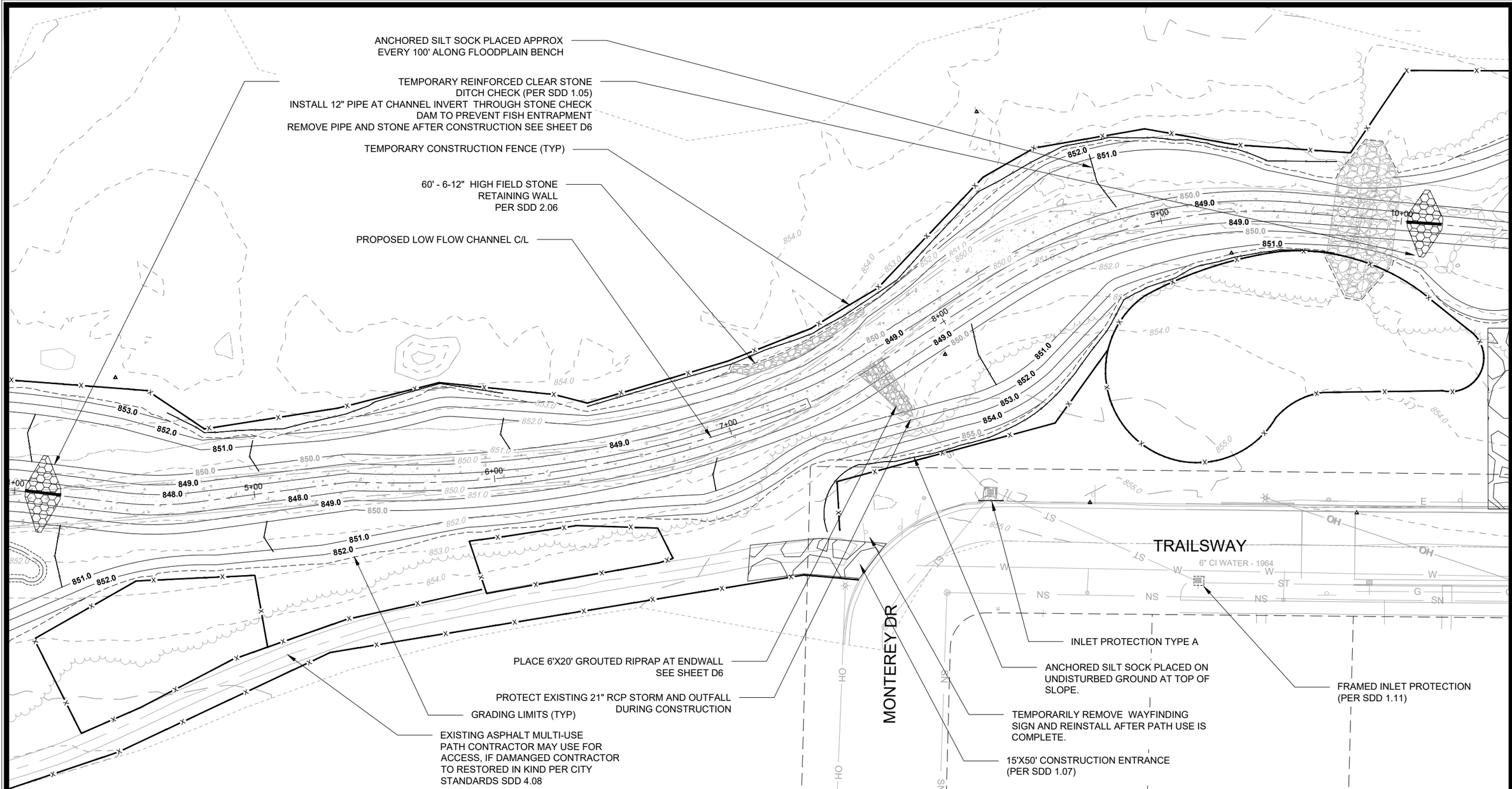
GRADING AND EROSION CONTROL PLAN

CASTLE CREEK IMPROVEMENTS

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13863

GE1



EROSION CONTROL NOTES

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13863

MADISON, WI 9585

CONTRACT NO: 13863

GRADING AND EROSION CONTROL PLAN

CASTLE CREEK IMPROVEMENTS

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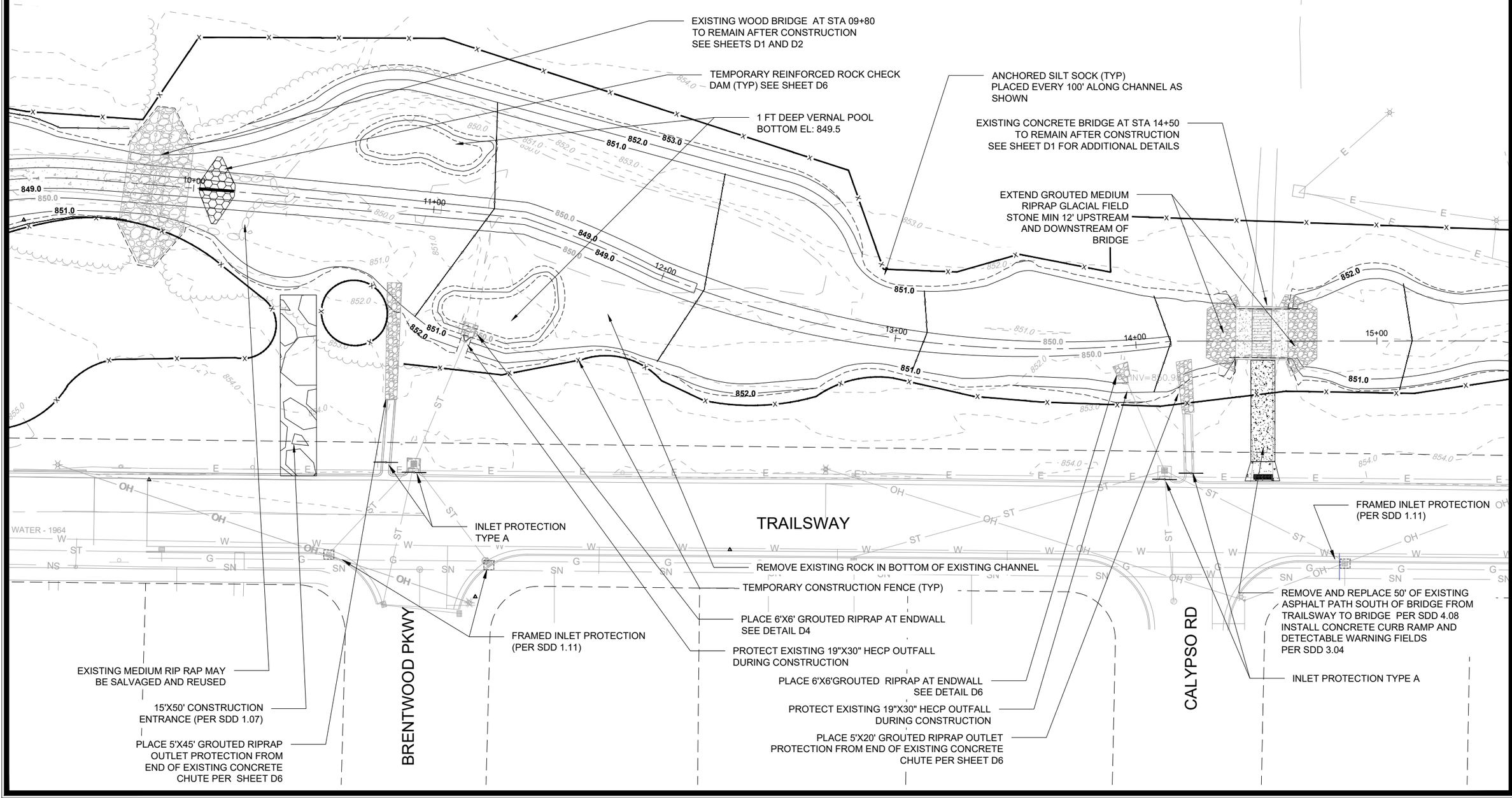
CITY OF MADISON WISCONSIN

13863

GE2

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13863

MADISON, WI

CONTRACT NO: 9585

GRADING AND EROSION CONTROL PLAN

CASTLE CREEK IMPROVEMENTS

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13863

GE3

EXISTING CITY OF MADISON SANITARY SEWER

PLACE 5'X16' GROUTED RIPRAP OUTLET PROTECTION FROM END OF EXISTING CONCRETE

PPLACE 6'X6' GROUTED RIPRAP AT ENDWALL SEE DETAIL D4

PROTECT EXISTING 21" RCP OUTFALL DURING CONSTRUCTION

TEMPORARY CONSTRUCTION FENCE, TYP.

EXISTING LIGHTS TO BE ABANDONED BY OTHERS. BURIED ELECTRICAL CONDUIT TO REMAIN IN PLACE DURING GRADING.

PREVIOUSLY ABANDONED ELECTRICAL CONDUIT. CONTRACTOR TO REMOVE CONDUIT WITHIN GRADING LIMITS

CITY OF MADISON SANITARY STRUCTURE PROTECT DURING CONSTRUCTION

15'X35' CONSTRUCTION ENTRANCE (PER SDD 1.07)

INLET PROTECTION - TYPE A

FRAMED INLET PROTECTION (PER SDD 1.11)

ANCHORED SILT SOCK PLACED EVERY 100 FT OF CHANNEL (TYP)

REMOVE SECTION OF EXISTING PIPE AND APRON END SEE SHEET U1

ADJUST CHANNEL SIDE SLOPE TO 3H:1V PAST STA 20+05 ON BOTH SIDES OF CHANNEL

10' BOTTOM WIDTH GROUTED HEAVY RIPRAP FIELD STONE LINED SWALE STA 19+80 TO 20+35 SEE SHEET D6

REMOVE SECTION OF PIPE AND EXISTING APRON END SEE SHEET PP4

REMOVE EXISTING APRON END SEE SHEET U1

FRAMED INLET PROTECTION (PER SDD 1.11)

DEPRESS PROPOSED GROUND TO ALLOW DRAINAGE FROM SIDEWALK

GRADE TO 857.5 OVER CATCH BASIN STRUCTURES

FILL AREA TO MIN ELEVATION OF 856, BLEND TO MATCH EXISTING

20' BOTTOM WIDTH GROUTED HEAVY RIPRAP FIELD STONE LINED SWALE STA 18+30TO 19+30 SEE SHEET D6

HEAVY RIPRAP IN EXISTING CHANNEL MAY BE SALVAGED AND REUSED

N SHERMAN AVE

FREMONT AVE

TRAILSWAY

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13863

MADISON, WI

CONTRACT NO: 9585

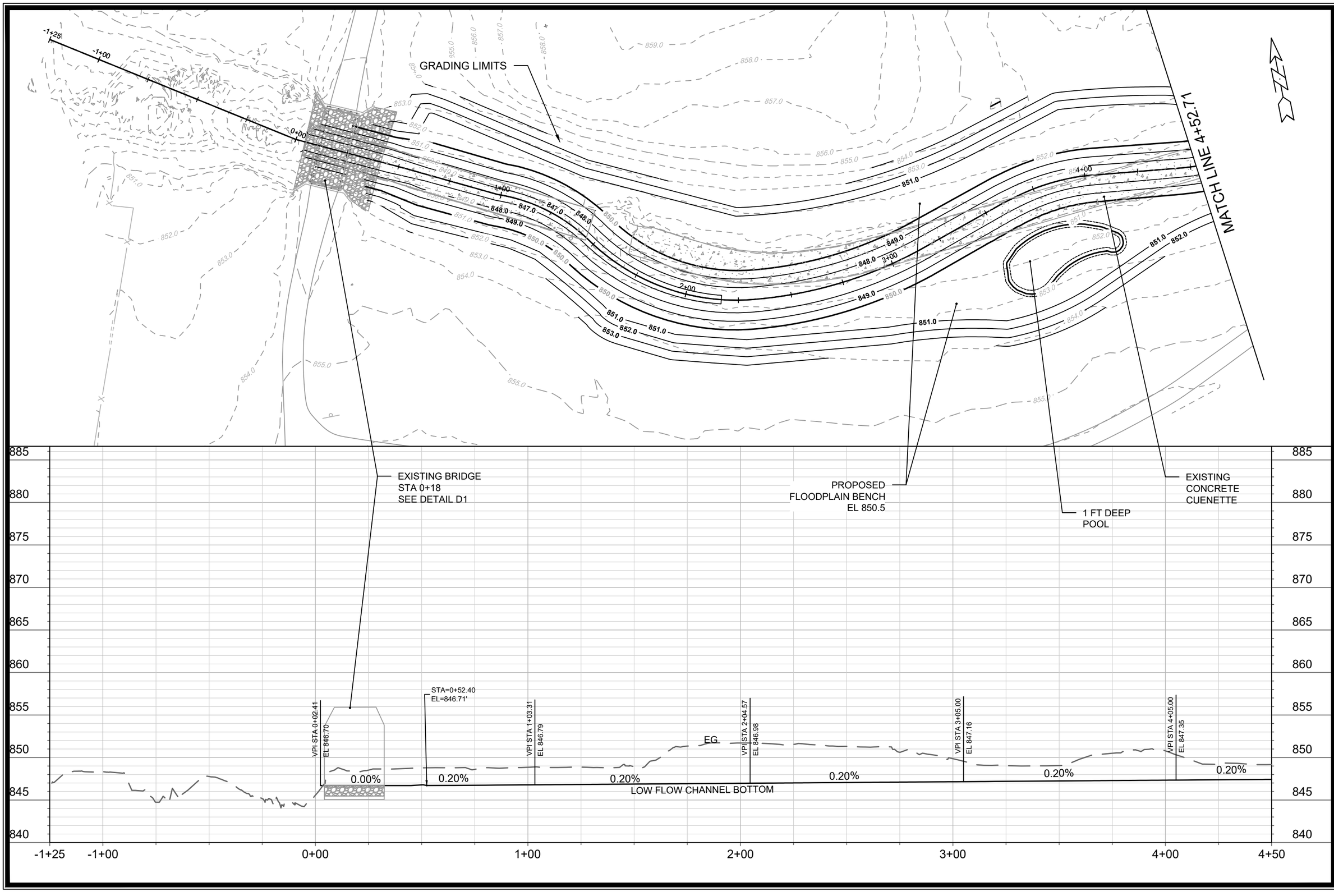
GRADING AND EROSION CONTROL PLAN

CASTLE CREEK IMPROVEMENTS

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13863

GE4



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PP1

13863

MADISON, WI

CONTRACT NO: 9585

GREENWAY PLAN AND PROFILE

CASTLE CREEK IMPROVEMENTS

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13863

PP1

MATCH LINE 4+52.71

MATCH LINE 10+28.49

PROPOSED FIELD STONE
RETAINING WALL
PER SDD 2.06

TRAILSWAY

PROPOSED
FLOODPLAIN BENCH
EL 850.5

START OF EXISTING
CONCRETE CUNETTE

EXISTING BRIDGE
STA 9+80
SEE DETAIL

STA=9+80.00

VPI STA 5+05.00
EL 847.53

VPI STA 6+05.01
EL 847.73

VPI STA 7+05.97
EL 847.94

VPI STA 8+10.00
EL 848.16

VPI STA 9+10.00
EL 848.37

PROPOSED FLOODPLAIN BENCH - EL. 850.0

EG

PROPOSED CHANNEL BOTTOM

0.20%

890
885
880
875
870
865
860
855
850
845

4+50
5+00
6+00
7+00
8+00
9+00
10+00

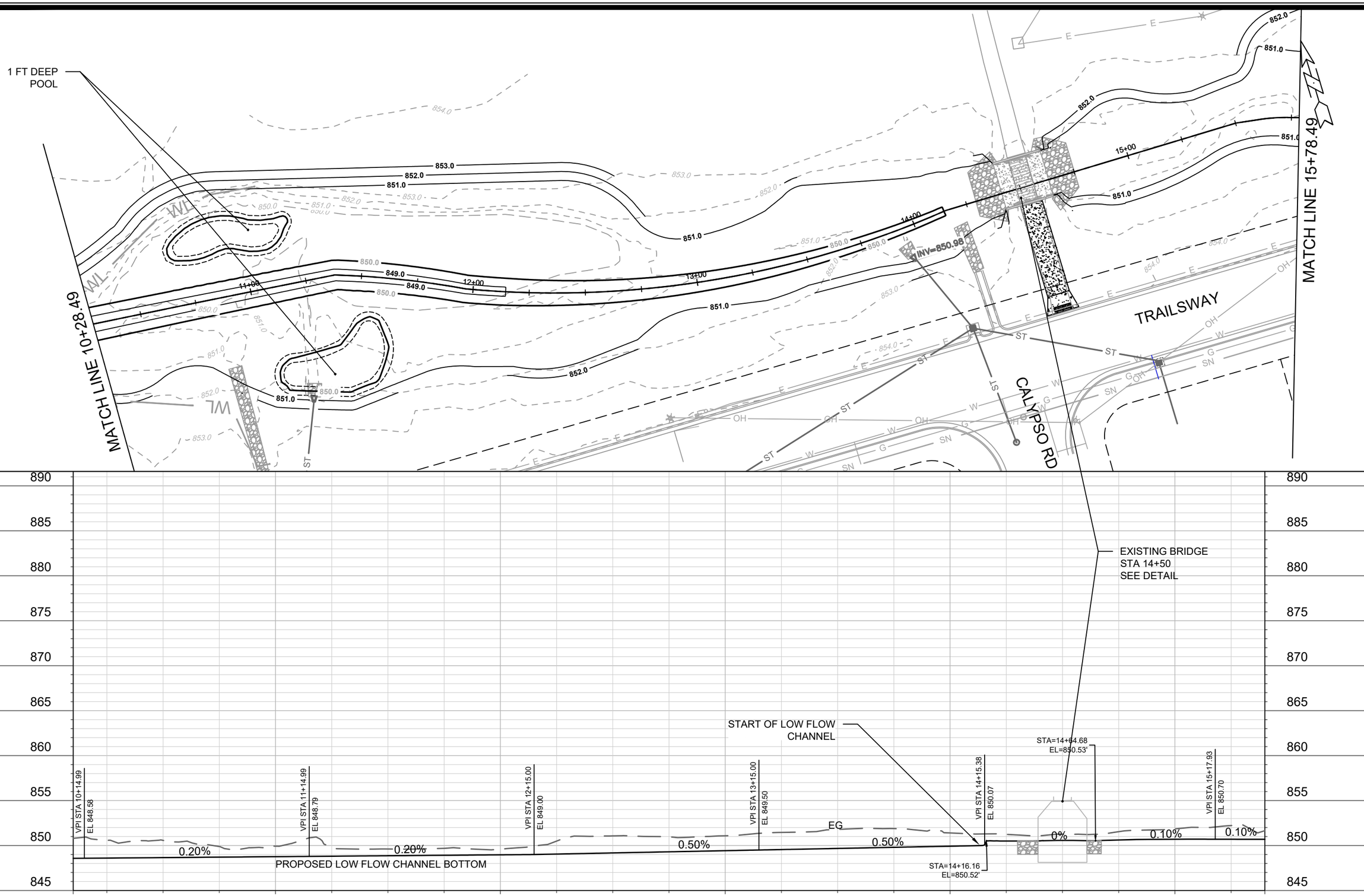
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13863
PP2

13863
MADISON, WI
CONTRACT NO: 9585

GREENWAY PLAN AND PROFILE
CASTLE CREEK IMPROVEMENTS
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13863
PP2



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Scale: 1" = 40'
13863
PP3

13863
MADISON, WI
9585
CONTRACT NO:

GREENWAY PLAN AND PROFILE
CASTLE CREEK IMPROVEMENTS
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CITY OF MADISON WISCONSIN

13863
PP3

EXISTING CITY OF MADISON
SANITARY SEWER

PROTECT ALL OUTFALLS DURING
GRADING AND PLACE NEW
OUTFALL PROTECTION

EXISTING
ATT FIBER
OPTIC

EXISTING
UNDERGROUND
ELECTRIC

EXISTING
FIBER OPTIC

MATCH LINE 15+78.49

TRAILSWAY

N SHERMAN AVE

EX SAS 5428-003

GRADING LIMITS

SEE SHEET U1 TO U3 FOR STORM
SEWERS PLAN AND PROFILE AND
STORM SCHEDULE

RIPRAP LINED SWALE HEAVY
DUTY GLACIAL STONE
SEE SHEET D6

EXISTING 24" DIA. LINED VP
STA 17+43
TOP OF PIPE @ 843

VPI STA 16+18.29
EL 850.81

VPI STA 17+22.62
EL 850.91

VPI STA 18+23.29
EL 851.09

VPI STA 19+23.89
EL 851.00

STA=19+92.64
EL=850.91'

VPI STA 20+23.94
EL 852.24

VPI STA 20+37.01
EL 852.87

0.10% 0.10% 0.20% 0% 0% 4.3% 4.8% 0%

15+40 16+00 17+00 18+00 19+00 20+00 20+50

890 885 880 875 870 865 860 855 850 845

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Designed By: RSS
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PP4

13863

MADISON, WI

CONTRACT NO: 9585

GREENWAY PLAN AND PROFILE

CASTLE CREEK IMPROVEMENTS

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13863

PP4

EXISTING CITY OF MADISON SANITARY SEWER

REMOVE SECTION OF EXISTING 18" RCP AND APRON END

REMOVE SECTION OF EXISTING 24" RCP AND APRON END

REMOVE SECTION OF EXISTING 29X45" HECRP AND APRON END

REMOVE EXISTING APRON END AND EXTEND EXISTING 42" RCP

EXISTING ATT FIBER OPTIC

EXISTING UNDERGROUND ELECTRIC

EXISTING FIBER OPTIC

ULO FO1

ULO F2

MATCH LINE 15+78.49

TRAILSWAY

ALIGNMENT A1

ALIGNMENT A2

ALIGNMENT A3

N SHERMAN AVE

INSTALL NEW CATCH BASINS WITH 6' SUMP. TIE INTO EXISTING STORM

EXISTING 24" SANITARY MAIN

VPI STA 16+18.29
EL 850.81

VPI STA 17+22.62
EL 850.91

VPI STA 18+23.29
EL 851.09

VPI STA 19+23.89
EL 851.00

STA=19+92.64
EL=850.91'

VPI STA 20+23.94
EL 852.24

VPI STA 20+37.01
EL 852.87

0.10% 0.10% 0.20% 0% 0% 4.3% 4.8% 0%

890 885 880 875 870 865 860 855 850 845

15+40 16+00 17+00 18+00 19+00 20+00 20+50

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13863 | MADISON, WI | 9585

CONTRACT NO:

UTILITY PLAN AND PROFILE

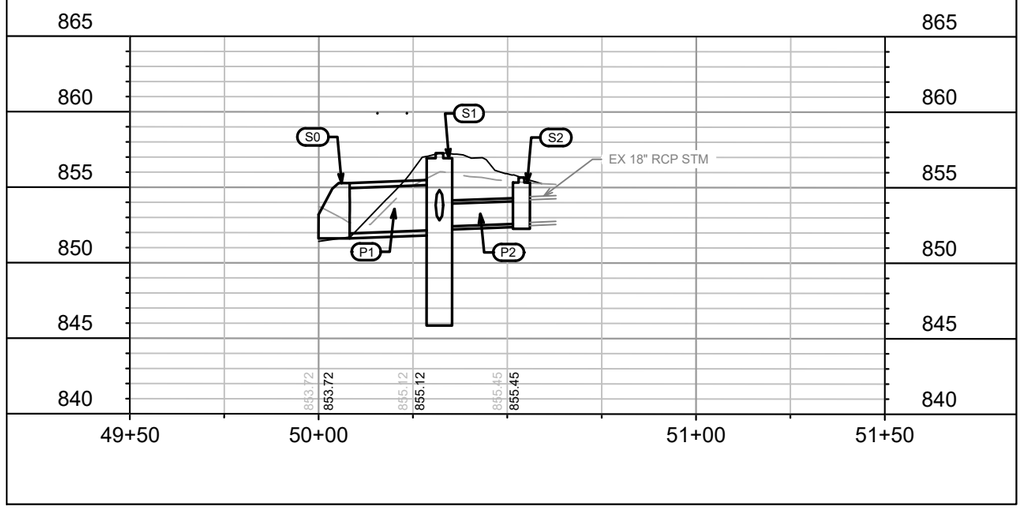
CASTLE CREEK IMPROVEMENTS

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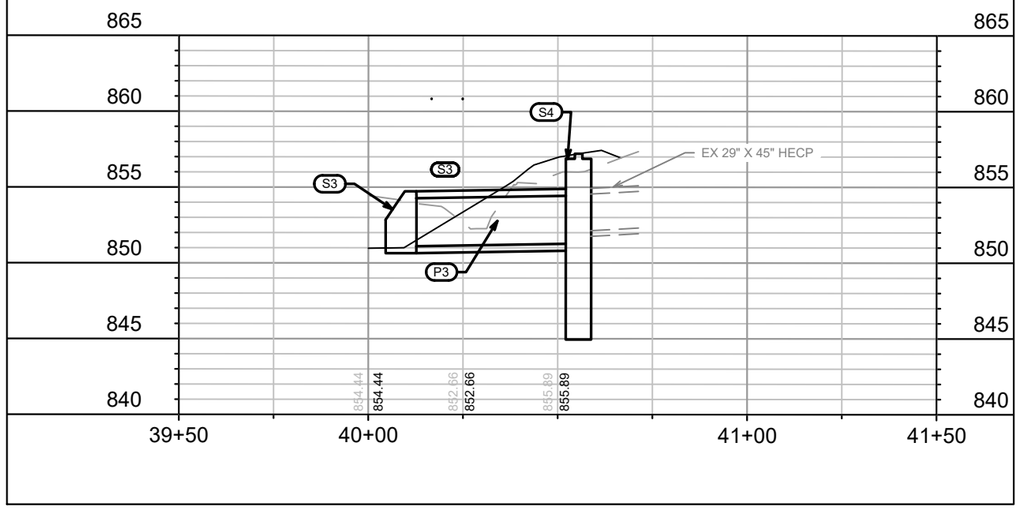
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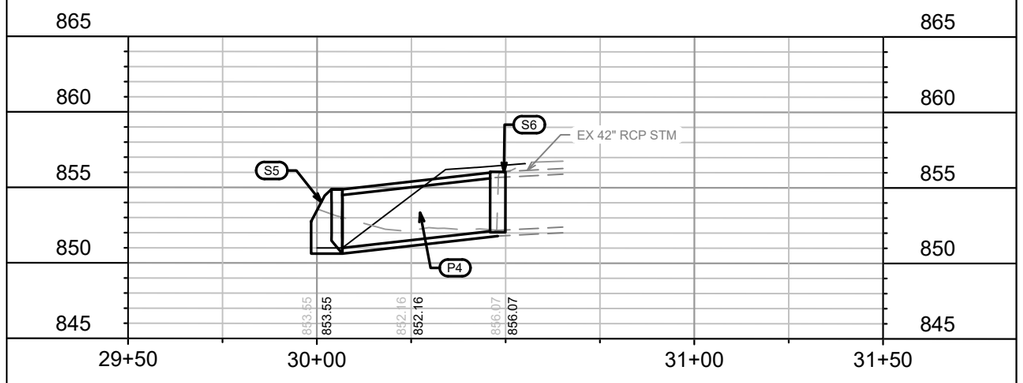
Profile View of A1



Profile View of A2



Profile View of A3



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MADISON, WI

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UTILITY PLAN AND PROFILE

CASTLE CREEK IMPROVEMENTS

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U2

PROPOSED STORM STRUCTURES

STRUC. NO.	NORTHING	EASTING	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
CASTLE CREEK							
S0	501734.57	826566.95	36 INCH RCP AE W/ GATE	-	851.95	-	[2][3]
S1	501733.67	826590.74	6'X6' CATCHBASIN W/ 6' SUMP	857.27	852.19	5.08	FP; W/R-1689-0054 X2; [5]
S2	501755.30	8266591.71	4'X4' STORM SAS	855.66	852.60	3.06	W/R-1689-0054; [5]
S3	501711.77	826541.87	38 INCH X 60 INCH HERCP AE W/ GATE	-	-	-	[2][3]
S4	501711.05	826584.69	6'X8' CATCHBASIN W/ 6' SUMP	857.25	851.28	5.97	FP; W/R-1689-0054 X2; [5]
S5	501673.68	826500.87	42 INCH RCP AE W/ GATE	-	-	-	[2][3]
S6	501665.24	826535.82	CONCRETE COLLAR (42 IN)	-	852.17	-	-

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
CASTLE CREEK										
P1	S0	S1	851.95	852.19	16	13	1.14%	36"	I	[3]
P2	S1	S2	852.40	852.60	22	17	1.20%	18"	I	-
P3	S3	S4	851.10	851.28	35	32	0.45%	38"X60"	I	[3][4]
P4	S5	S6	851.00	852.17	33	31	2.97%	42"	I	[3]

STORM STRUCTURE REMOVALS

STRUC. NO.	NORTHING	EASTING	LOCATION (OFFSET)	ASSET ID.	DEPTH (FT)	NOTES
CASTLE CREEK						
RS-1	501747.03	826583.81	18 INCH RCP AE W/ GATE	UN-NUM-1	-	-
RS-2	501726.30	826577.54	24INCH RCP AE W/ GATE	UN-NUM-2	-	-
RS-3	501705.42	826569.11	42 INCH RCP AE W/ GATE	UN-NUM-3	-	-
RS-4	501666.03	826533.43	29 INCH X 45 INCH HERCP AE W/ GATE	UN-NUM-4	-	-

STORM PIPE REMOVALS

PIPE REM NO.	REMOVE FROM	REMOVE TO	LGTH (FT)	PAID (Y/N)	REM LGTH PAID (FT)	PIPE SIZE	PIPE TYPE	NOTES
CASTLE CREEK								
RP-1	RS-1	S2	14	Y	6.00	18"	RCP	-
RP-2	RS-2	S1	19	Y	6.00	24"	RCP	-
RP-3	RS-4	S4	17	N	-	38"X60"	HERCP	-

SPECIFIC NOTES

[1] INSTALL CATCHBASIN SNOUT PER MANUFACTURERS SPECIFICATIONS; PAID AS BID ITEM 90022
[2] INSTALL CUT OFF WALL IN ACCORDANCE WITH S.D.D 5.4.4, INCEDENTAL TO BID ITEMS 50469 - 42 INCH RCP AE & 50486 - 38 INCH X 60 INCH HERCP AE
[3] INSTALL JOINT TIES ON LAST TWO(2) PIPE JOINTS IN ACCORDANCE WITH S.D.D. 5.4.6, INCEDENTAL TO BID ITEMS 50469 - 42 INCH RCP AE & 50486 - 38 INCH X 60 INCH HERCP AE
[4] INSTALL MAC WRAP ON JOINTS THAT DO NOT HAVE JOINT TIES, INCENDTAL TO BID ITEM 50423 - 38 INCH X 60 INCH TYPE I HERCP STORM SEWER PIPE
[5] RIM ELEVATION ACCOUNTS FOR NO ADJSTMENT RINGS

STANDARD NOTES:

- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.
- ALL FIELD POURED SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.3. ALL PRECAST SAS STORM STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL DRAWING 5.7.5.
- ALL REBAR FOR FIELD POURED STRUCTURES SHALL BE EPOXY COATED. ANY EXPOSED STEEL SHALL BE TOUCHED UP OR RECOATED PRIOR TO USE.
- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.
- PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS 3 UNLESS OTHERWISE NOTED.
- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN
- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT RYAN STENJEM OF CITY ENGINEERING AT (608)266-4913 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO RSTENJEM@CITYOFMADISON.COM.

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STORM SEWER SCHEDULE - PROPOSED STORM

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CASTLE CREEK IMPROVEMENTS

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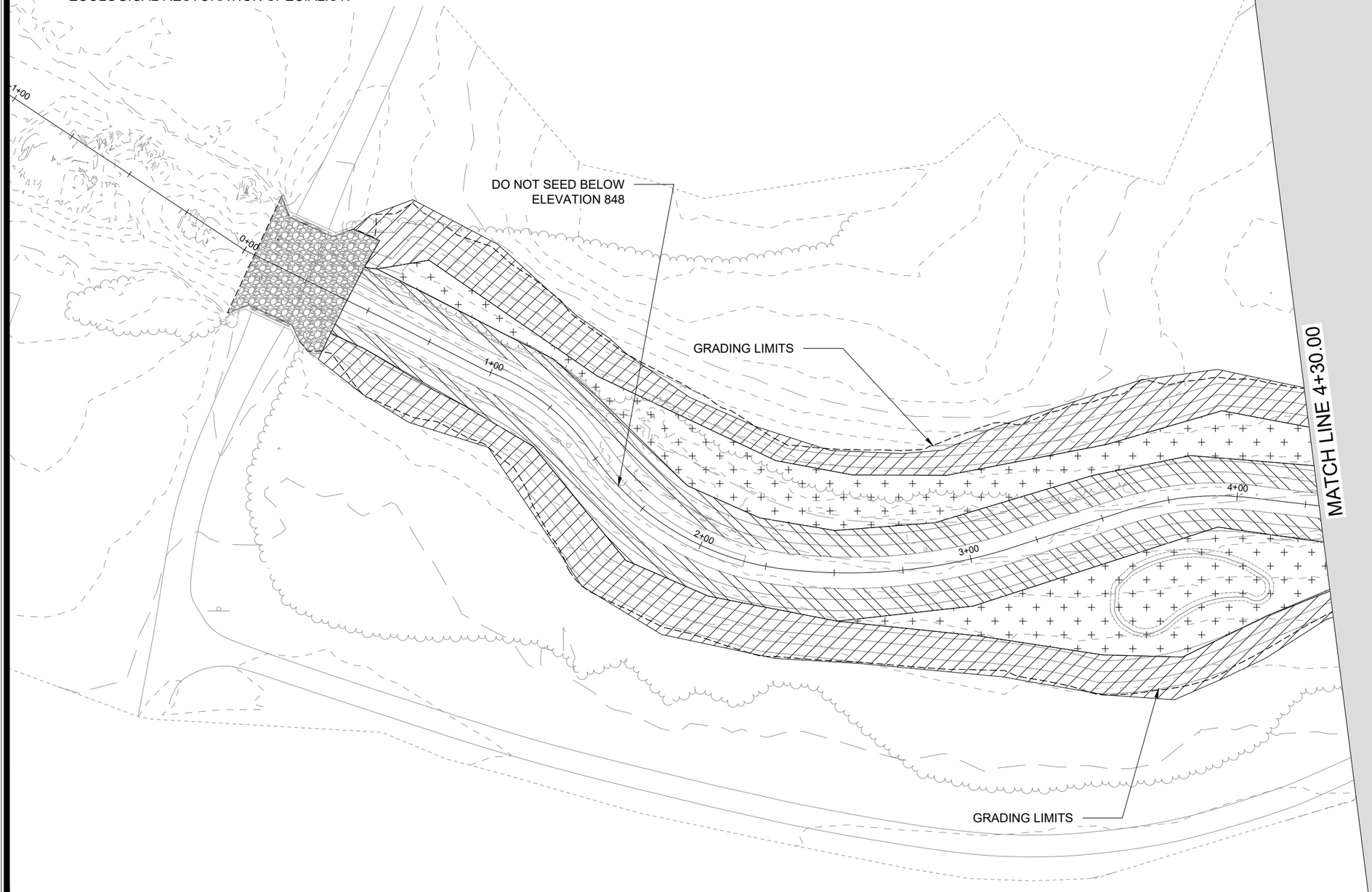
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U-3

NOTES:

1. LOW FLOW CHANNEL DISTURBED AREAS SHALL BE RESTORED WITH TOPSOIL, CLASS II, TYPE B - ORGANIC EROSION CONTROL MATTING AND SEED MIX.
2. FLOODPLAIN BENCH, SIDE SLOPES ABOVE FLOODPLAIN BENCH, AND DISTURBED AREAS OUTSIDE CHANNEL SHALL BE RESTORED WITH TOPSOIL, CLASS I, TYPE B - URBAN EROSION CONTROL MATTING AND SEED MIX AS SHOWN.
3. SEE DETAIL SHEETS D3 THROUGH D5 FOR MATTING LOCATIONS ON TYPICAL CROSS SECTIONS.
4. ALL SHRUB/BRUSH REMOVAL WITHIN GRADING LIMITS SHALL BE REMOVE AT THE CONTRACTOR'S EXPENSE PER CITY OF MADISON STANDARD SPECIFICATION 204.1.
5. ANY AREAS DISTURBED AREAS OUTSIDE THE SEEDING MIXES SHOWN, WITHIN AREAS THAT ARE NOT CURRENTLY TURF GRASS SHALL BE RESTORED WITH WOODS EDGE SEED MIX - BID ITEM 90004.
6. ANY OTHER AREAS DISTURBED BY CONSTRUCTION ACTIVITIES OUTSIDE OF SHOWN SEED MIX LIMITS SHALL BE REPAIRED, RESTORED WITH SEED AND MATTING PAID FOR AT THE CONTRACTOR'S EXPENSE, AS DIRECTED BY THE ECOLOGICAL RESTORATION SPECIALIST.



LEGEND

- WETLAND NATIVE SEED MIX
- FLOODPLAIN NATIVE SEED MIX
- SLIDE SLOPES NATIVE SEED MIX
- WOODS EDGE SEED MIX
- TERRACE SEED MIX
- BRUSHING

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MADISON, WI

CONTRACT NO: 9585

RESTORATION PLAN

CASTLE CREEK IMPROVEMENTS

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R1

DO NOT SEED BELOW
ELEVATION 848

GRADING LIMITS

MATCH LINE 4+30.00

MATCH LINE 9+50.00

5+00

6+00

7+00

8+00

9+00

GRADING LIMITS

BRUSHING, TYP.

TRAILSWAY

MONTEREY DR

6" CI WATER - 1964

ST

W

NS

OH

LEGEND

- WETLAND NATIVE SEED MIX
- FLOODPLAIN NATIVE SEED MIX
- SLIDE SLOPES NATIVE SEED MIX
- WOODS EDGE SEED MIX
- TERRACE SEED MIX
- BRUSHING

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MADISON, WI

CONTRACT NO: 9585

RESTORATION PLAN

CASTLE CREEK IMPROVEMENTS

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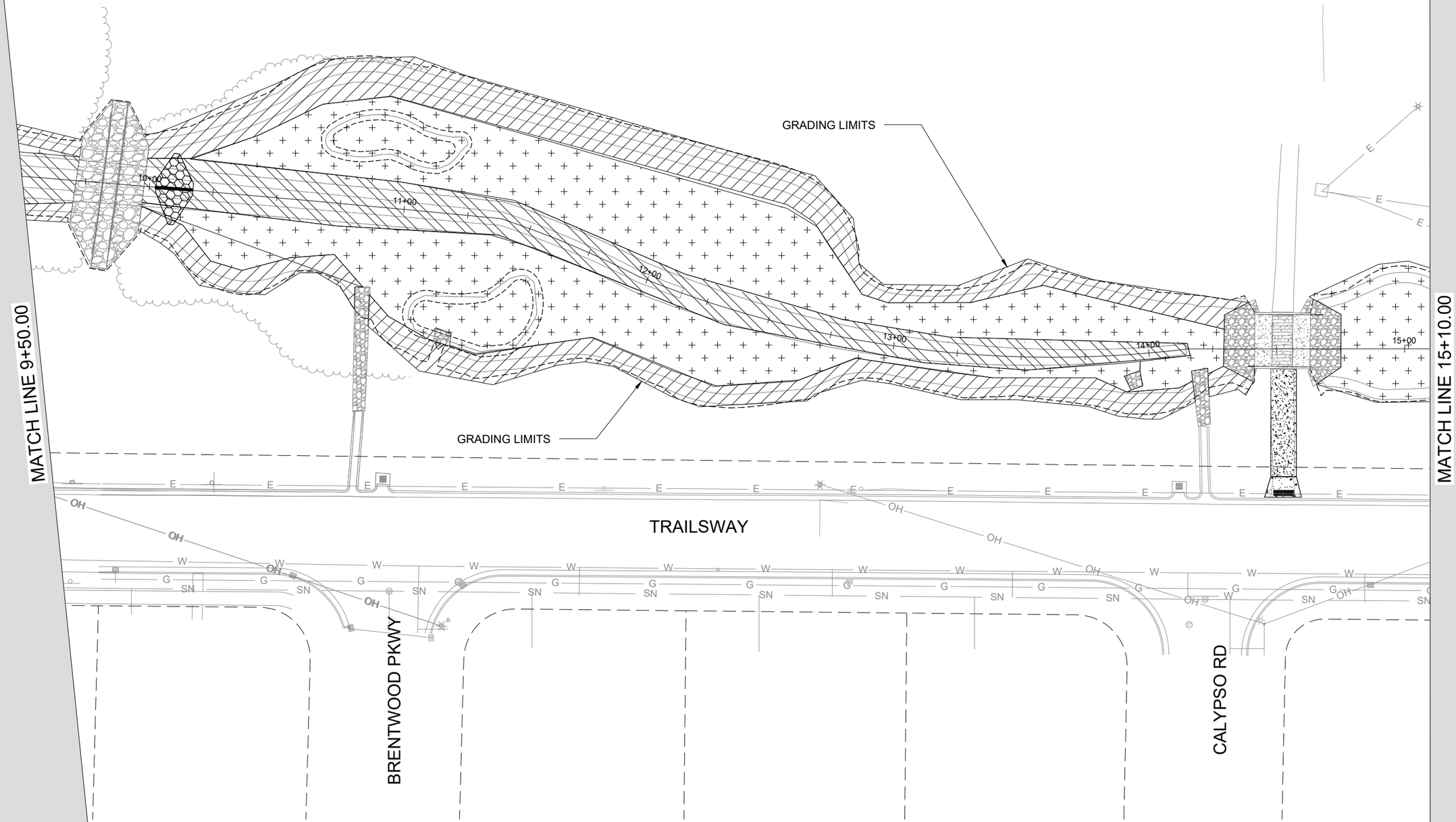
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LEGEND

- WETLAND NATIVE SEED MIX
- FLOODPLAIN NATIVE SEED MIX
- SLIDE SLOPES NATIVE SEED MIX
- WOODS EDGE SEED MIX
- TERRACE SEED MIX
- BRUSHING

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MADISON, WI

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RESTORATION PLAN

CASTLE CREEK IMPROVEMENTS

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R3

MATCH LINE 15+10.00

GRADING LIMITS

NORTH SHERMAN AVE

TRAILSWAY

GRADING LIMITS

FREMONT AVE

LEGEND

- WETLAND NATIVE SEED MIX
- FLOODPLAIN NATIVE SEED MIX
- SLIDE SLOPES NATIVE SEED MIX
- WOODS EDGE SEED MIX
- TERRACE SEED MIX
- BRUSHING

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MADISON, WI

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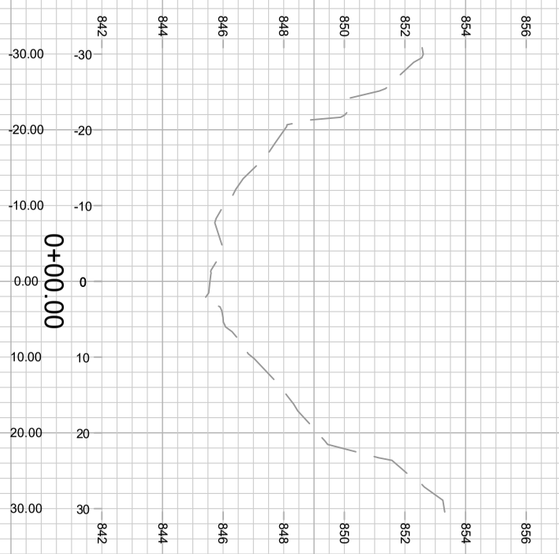
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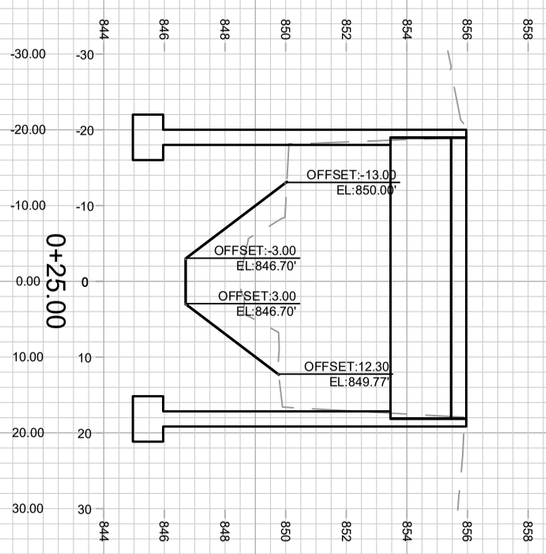
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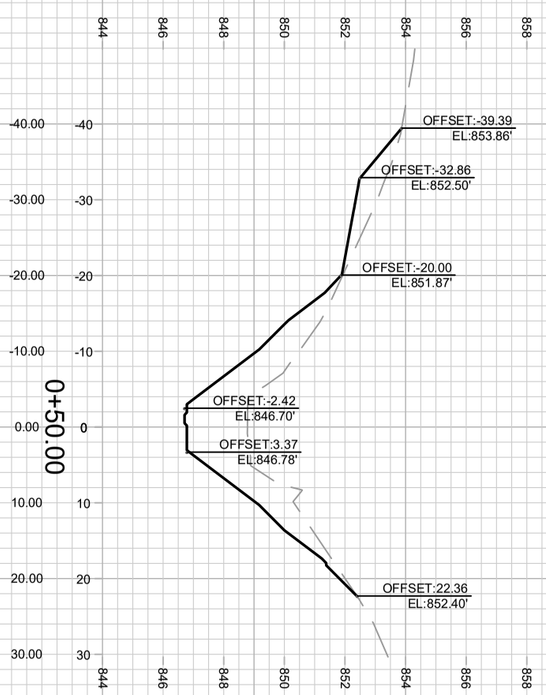
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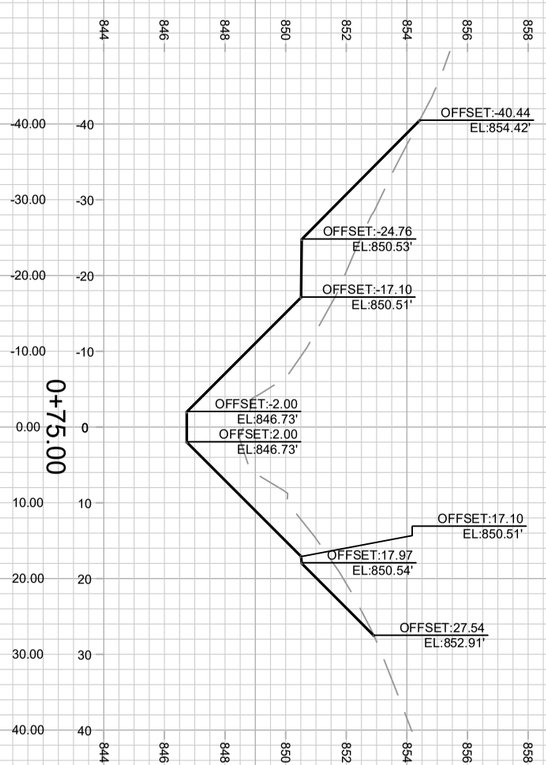
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X1

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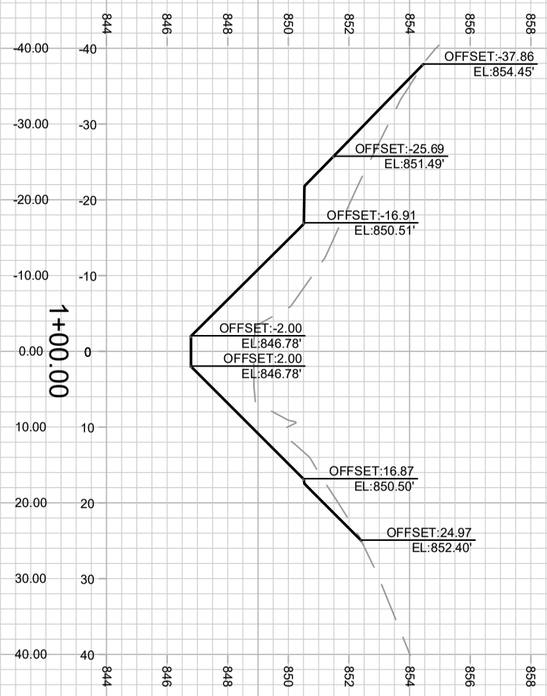
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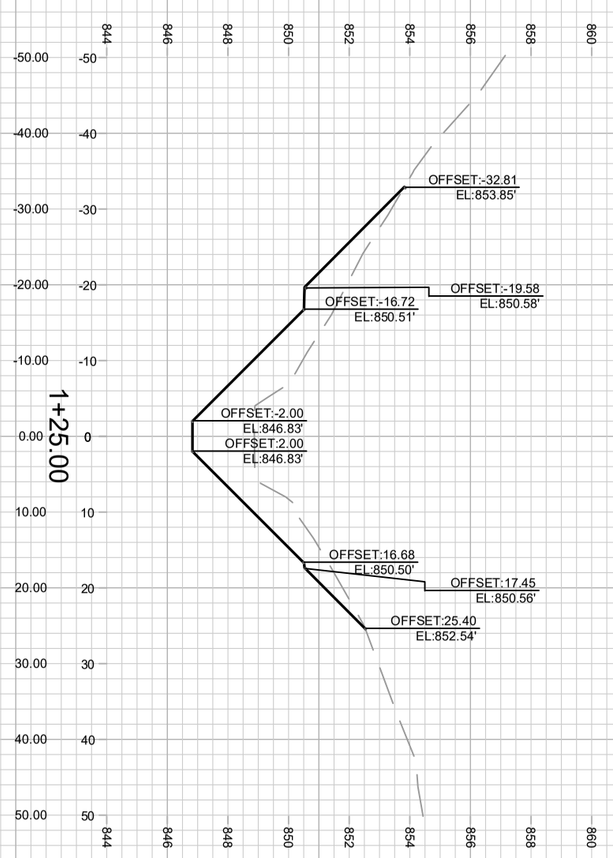
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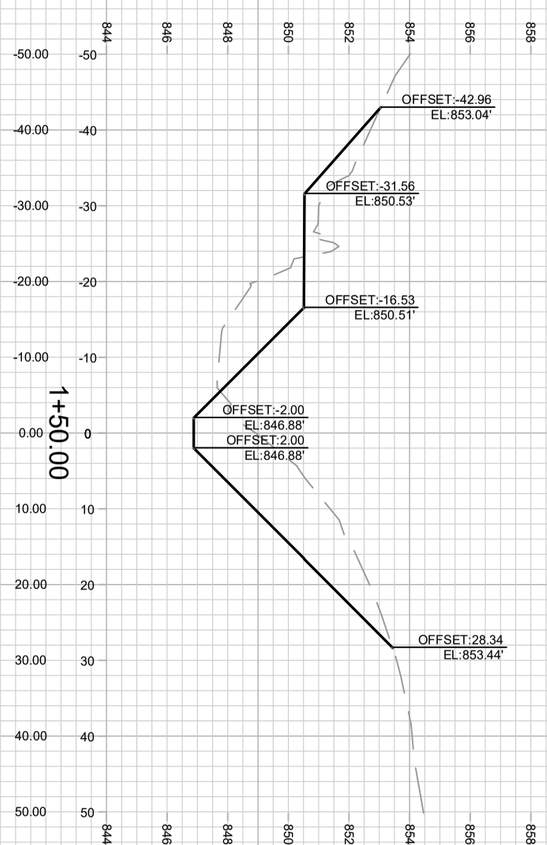
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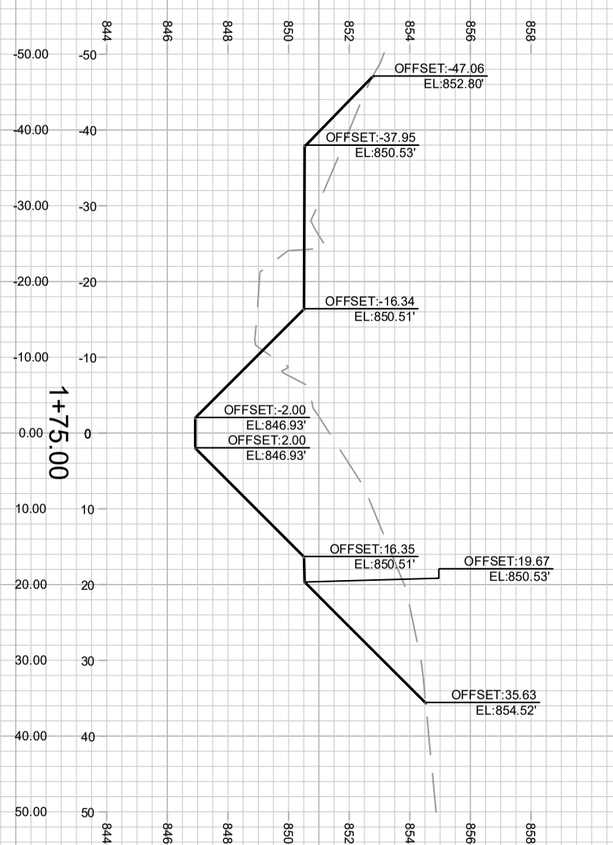
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X2

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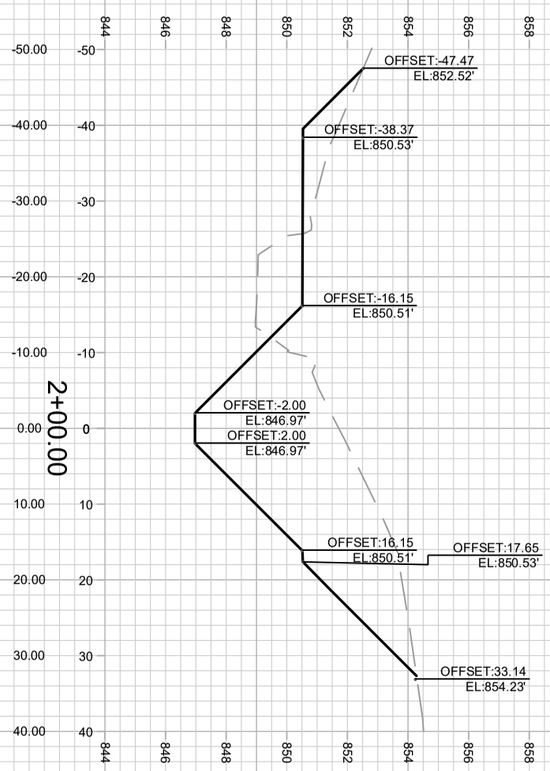
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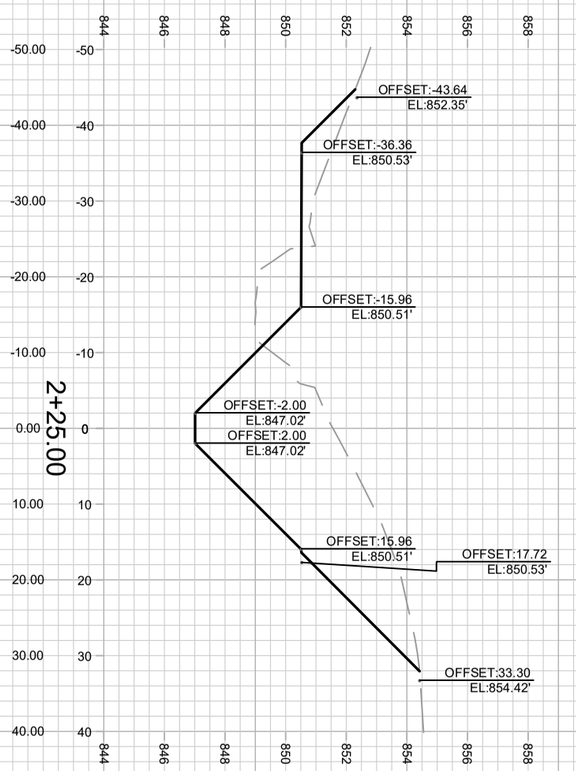
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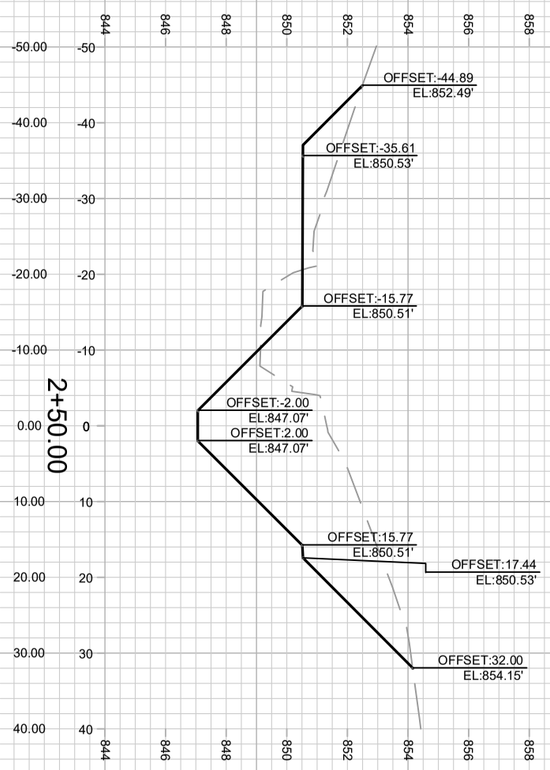
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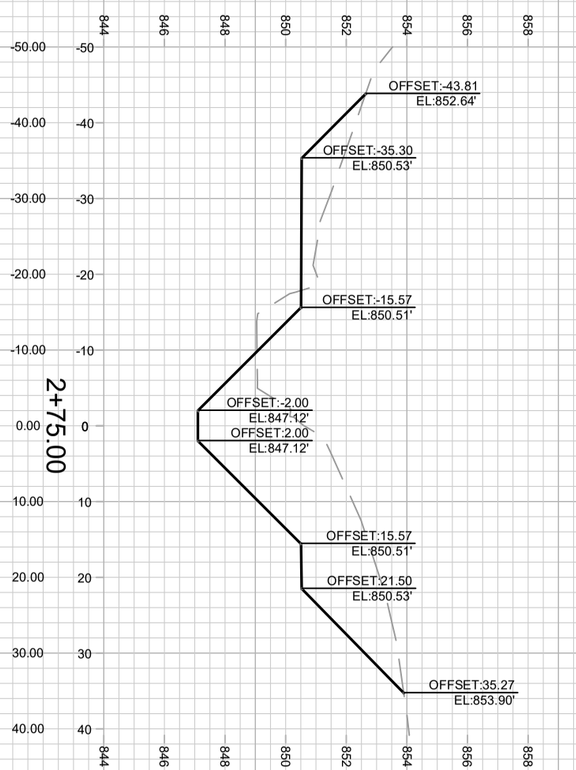
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X3

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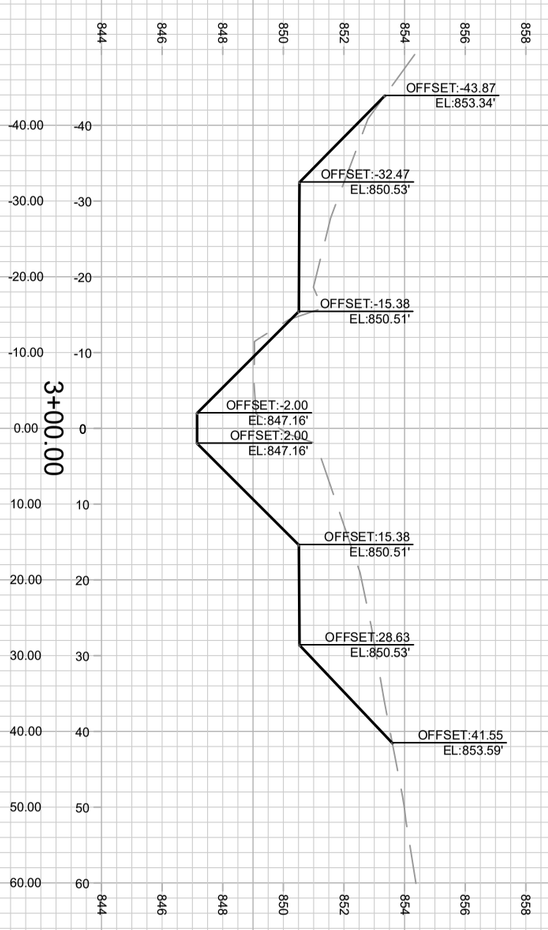
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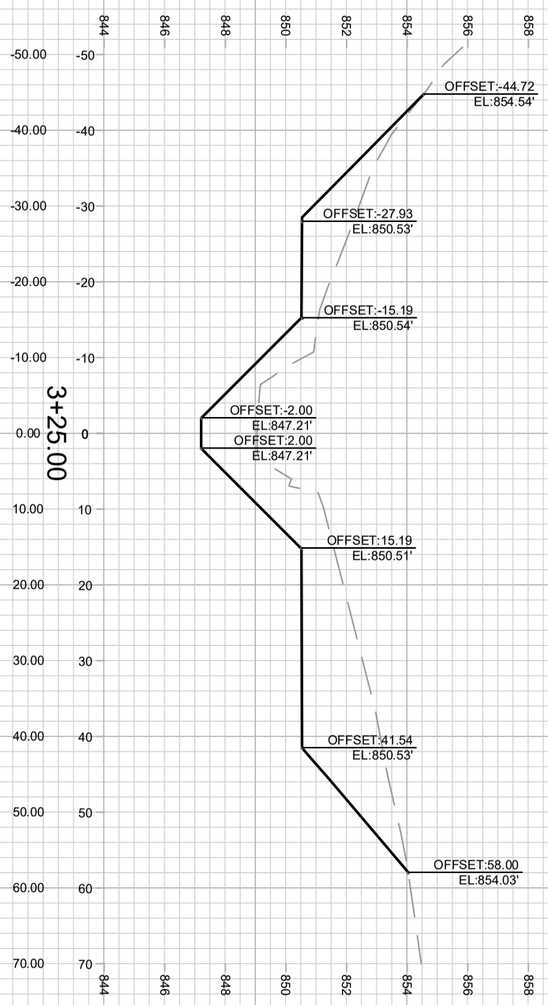
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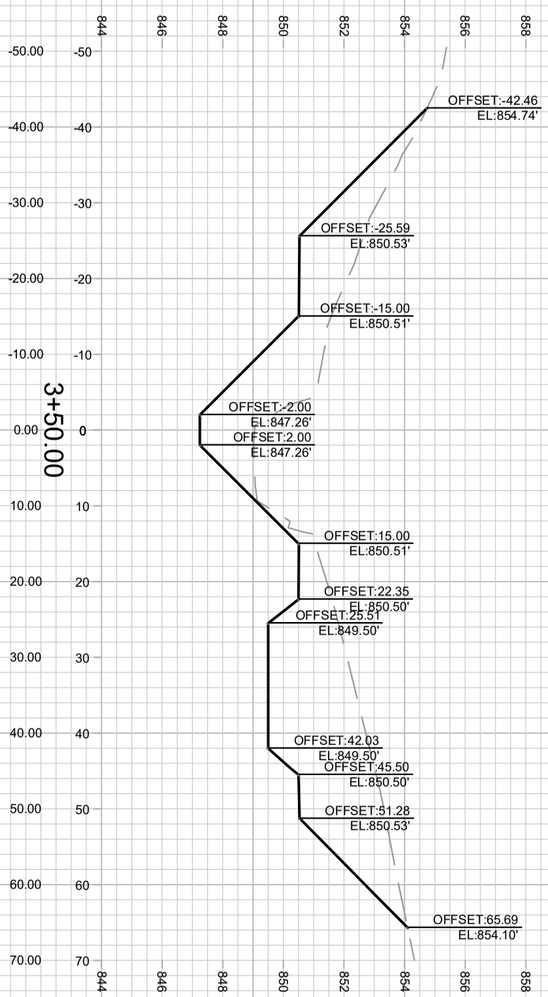
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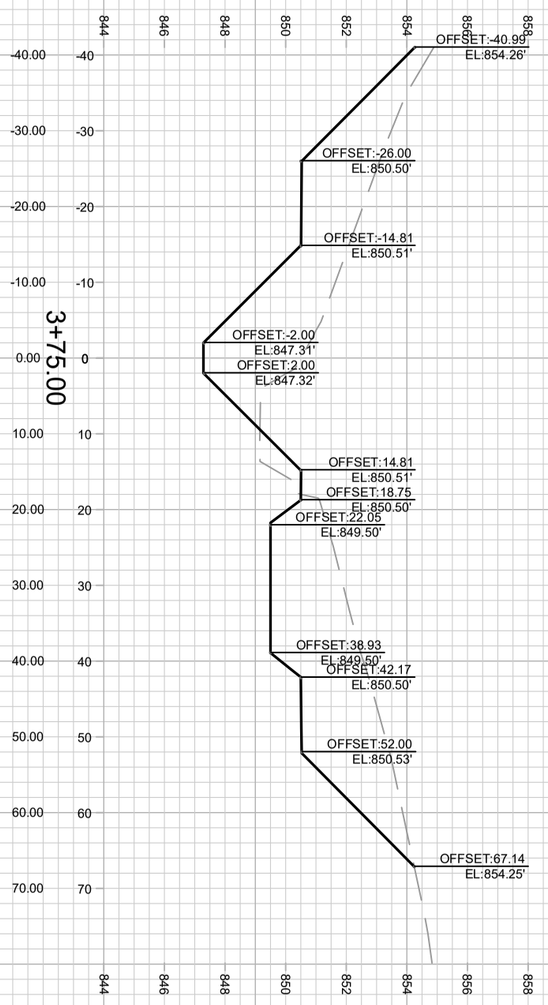
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X4

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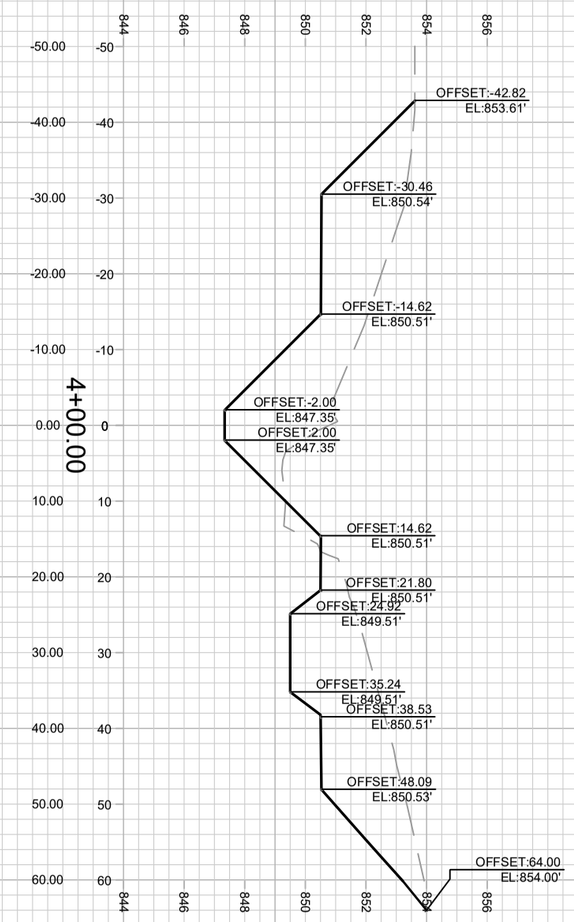
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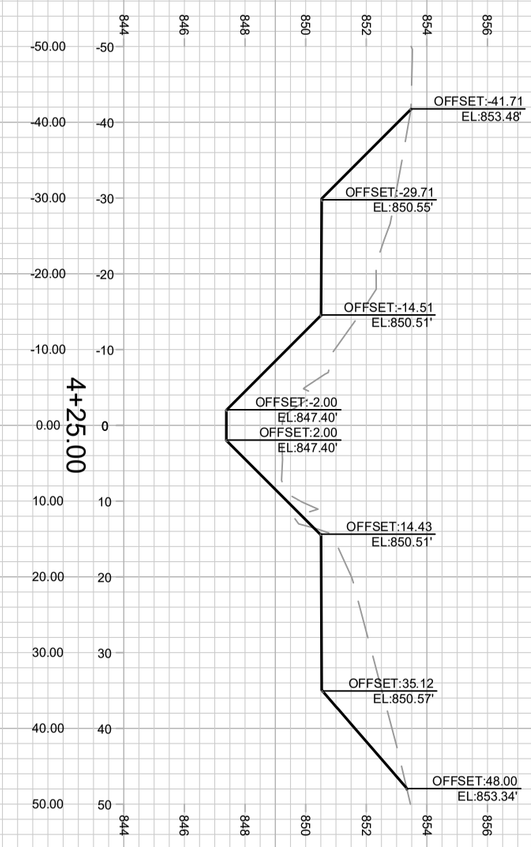
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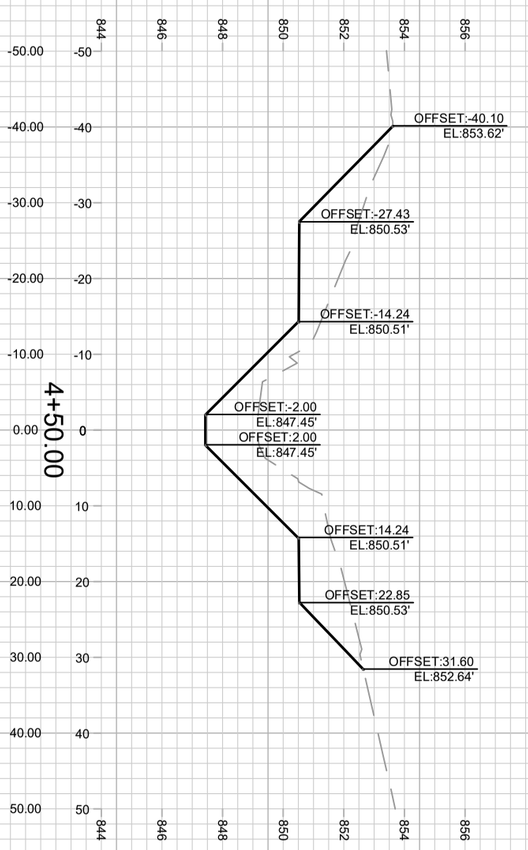
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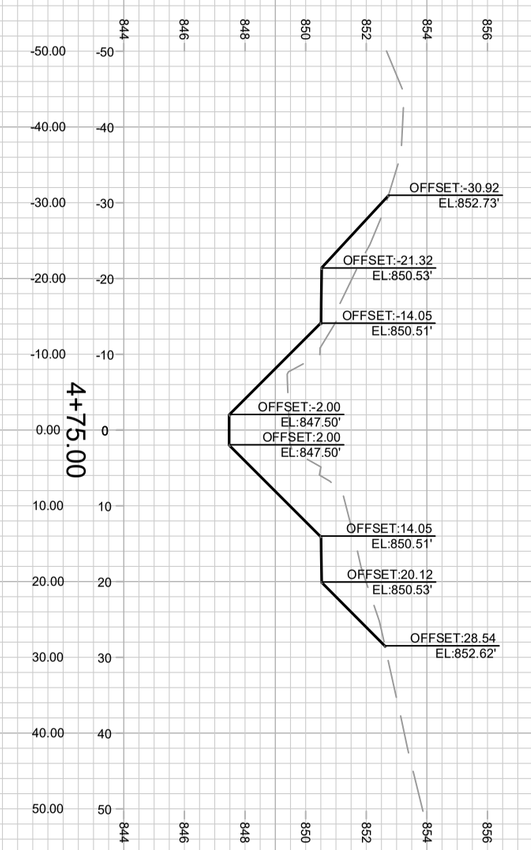
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13863 X4









X5

13863

GREENWAY CROSS SECTIONS — 13863

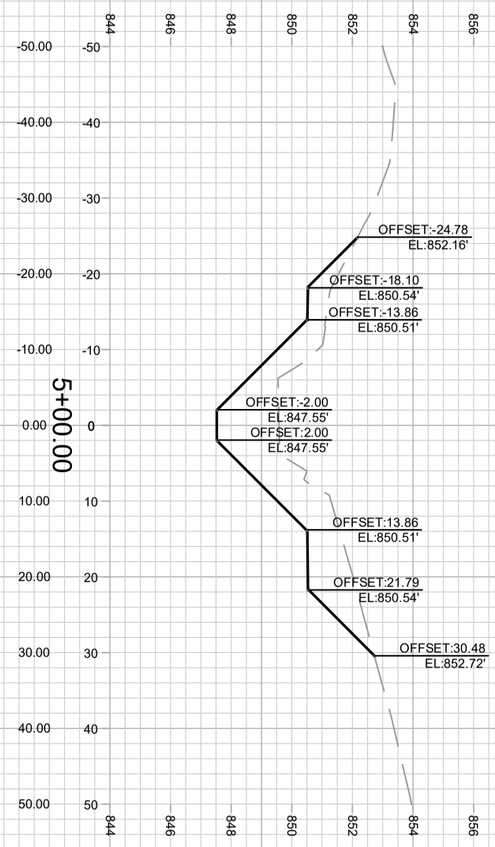
CASTLE CREEK IMPROVEMENTS — MADISON, WI

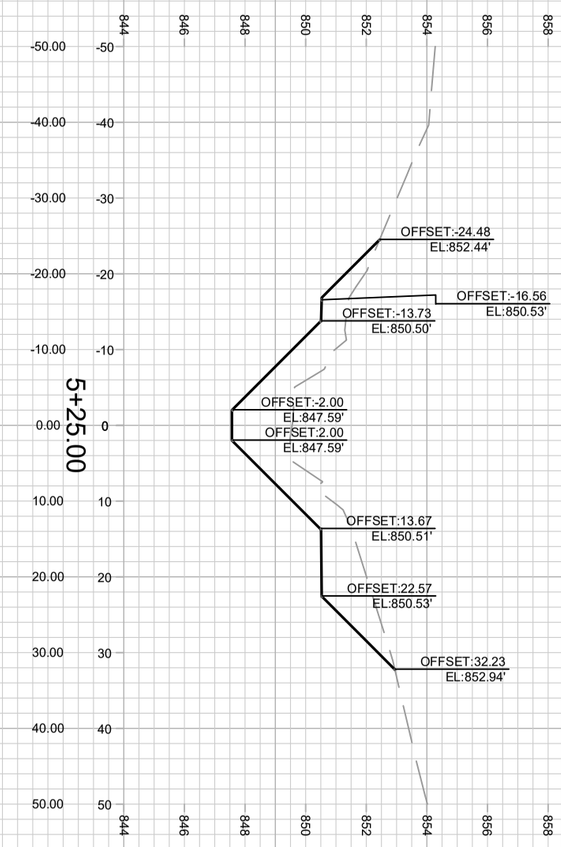
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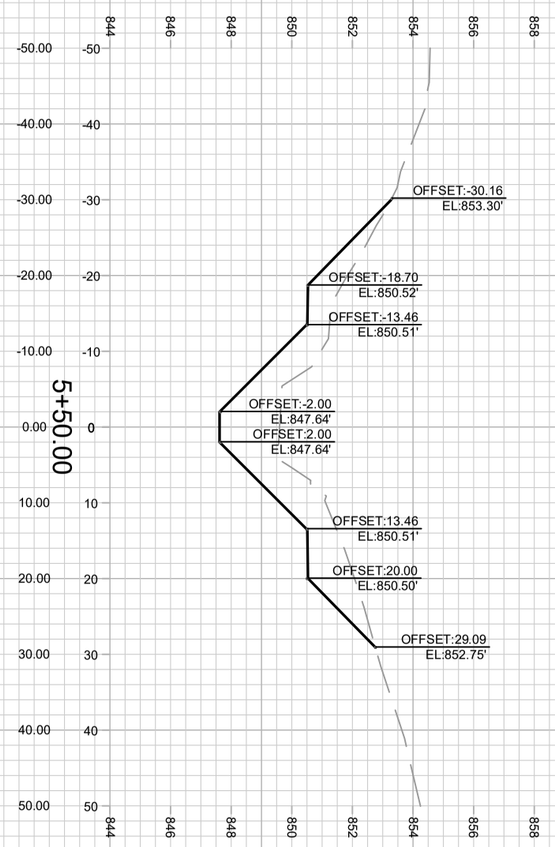
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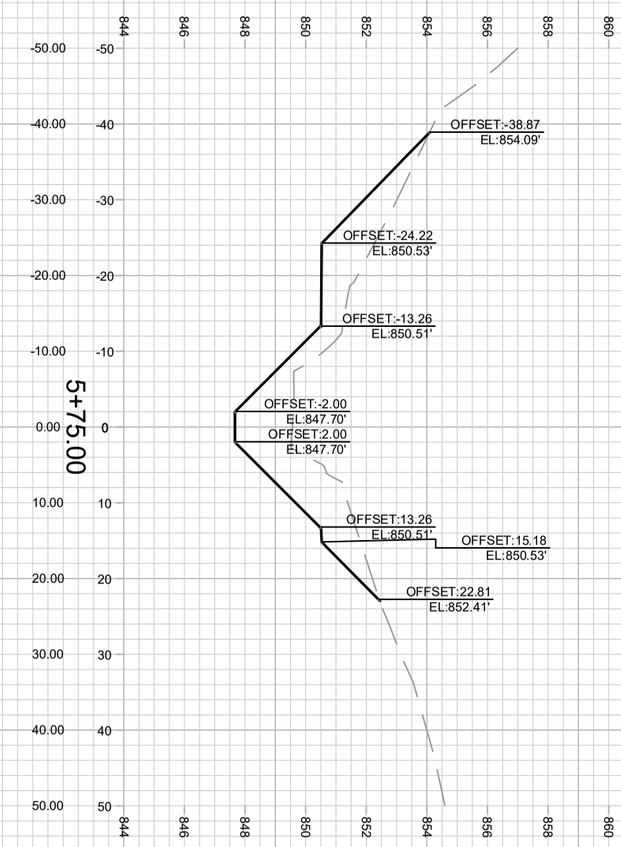
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13863 | X5









X6

13863

GREENWAY CROSS SECTIONS 13863

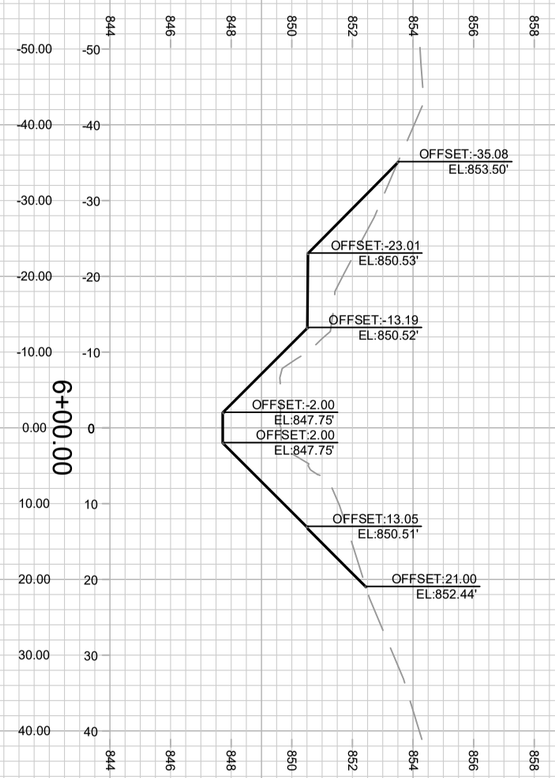
CASTLE CREEK IMPROVEMENTS MADISON, WI

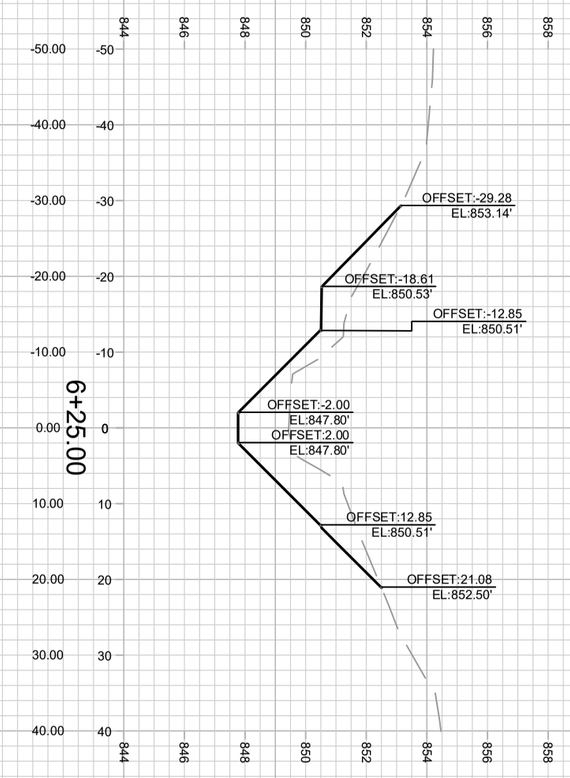
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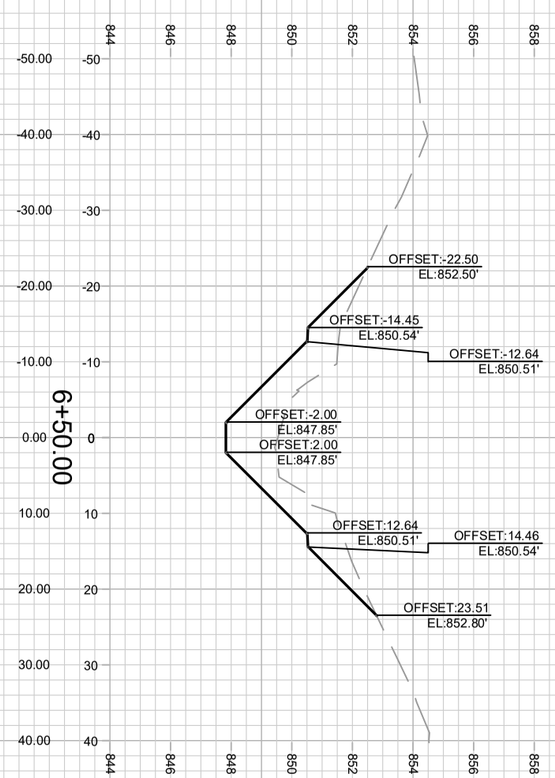
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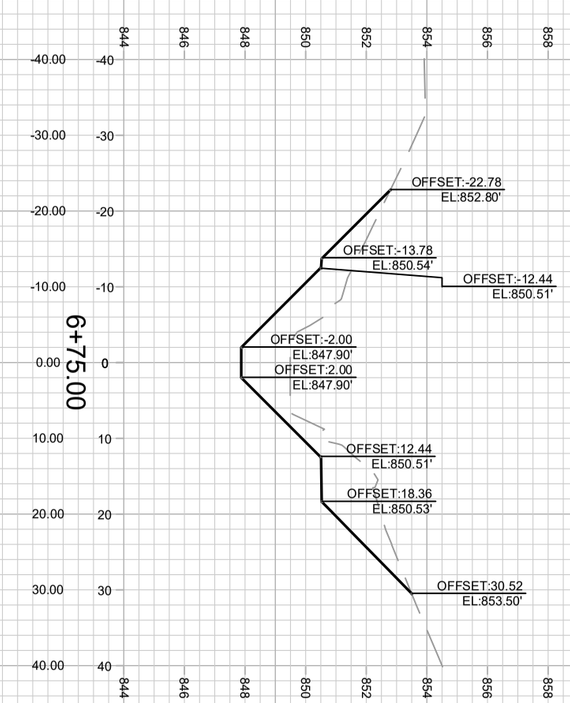
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13863 X6









X7

13863

GREENWAY CROSS SECTIONS 13863

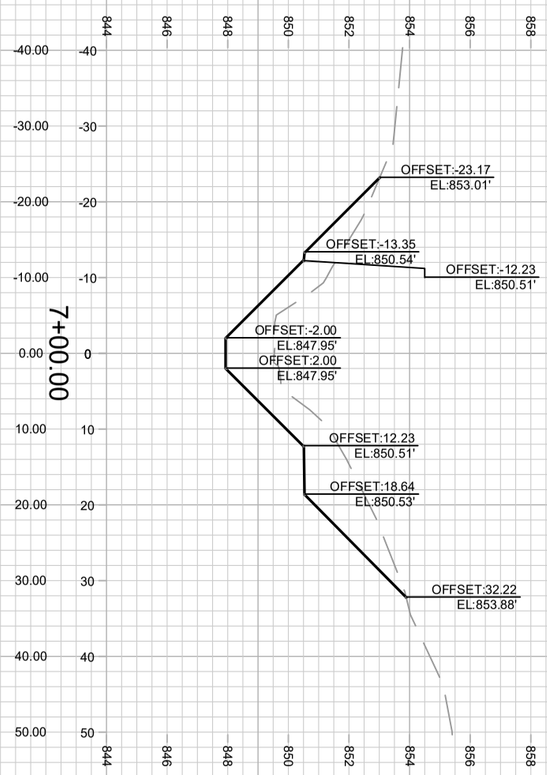
CASTLE CREEK IMPROVEMENTS MADISON, WI

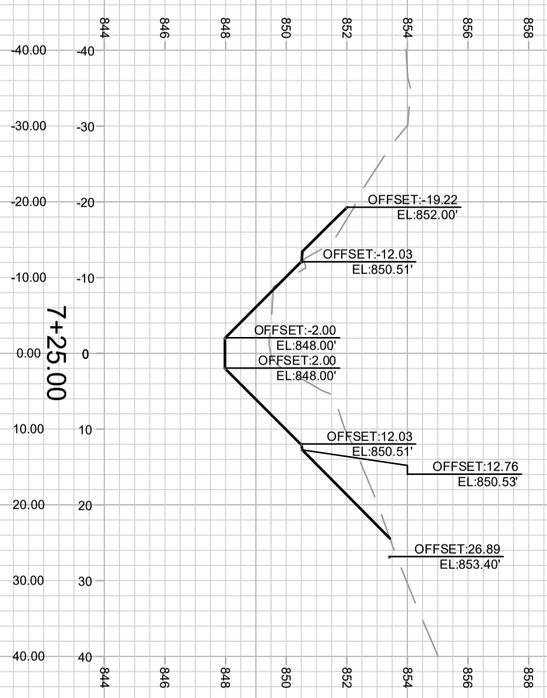
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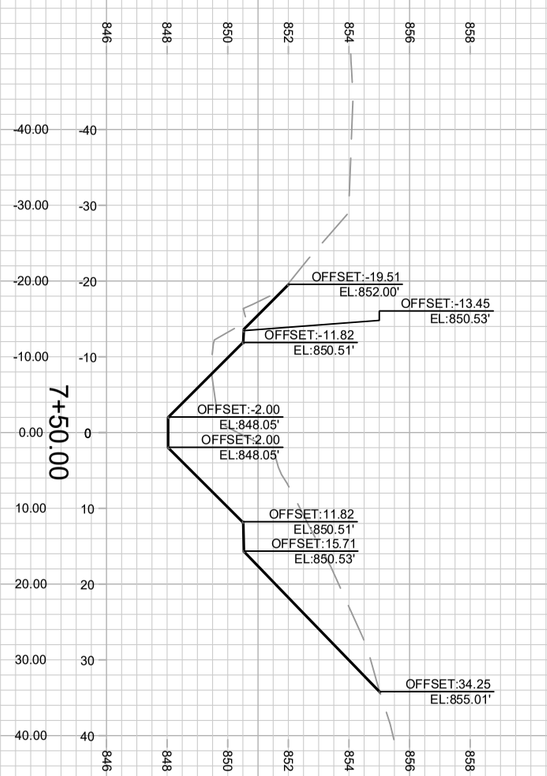
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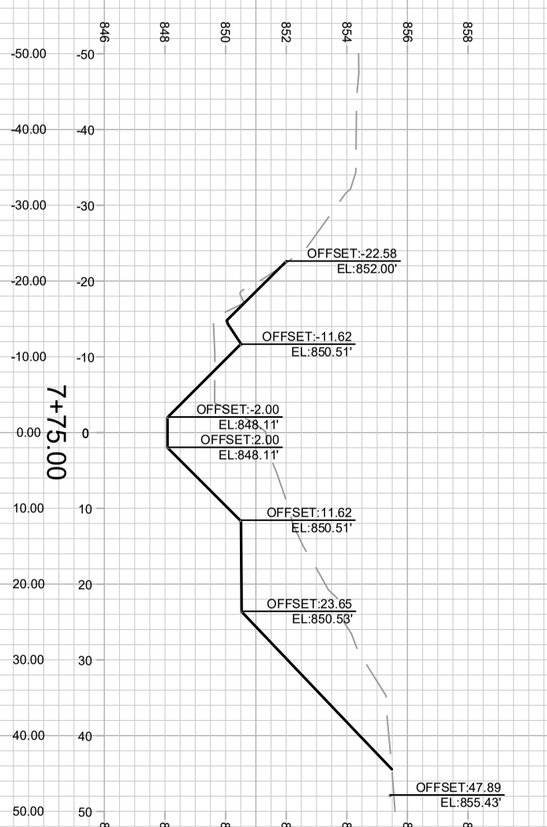
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13863 X7









X8

13863

GREENWAY CROSS SECTIONS 13863

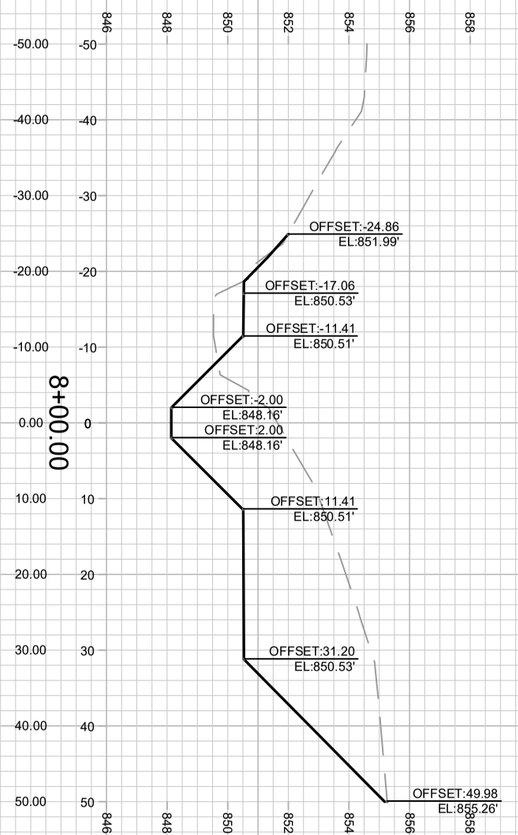
CASTLE CREEK IMPROVEMENTS MADISON, WI

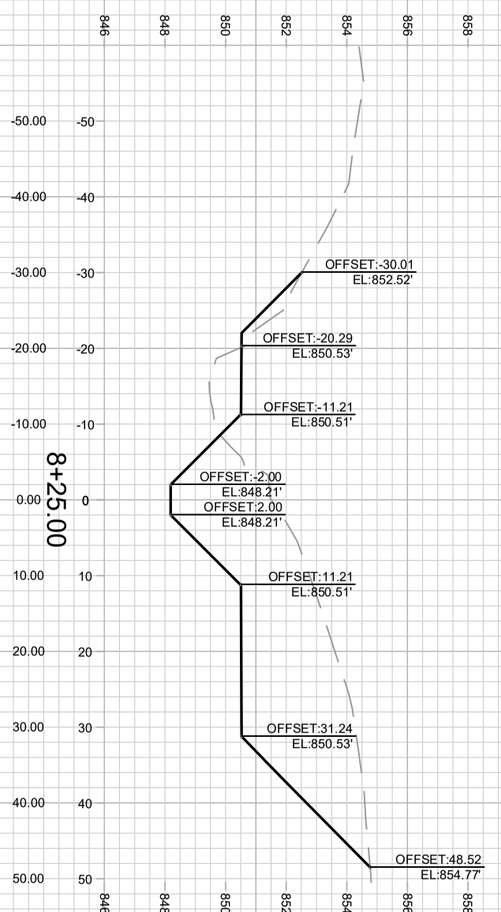
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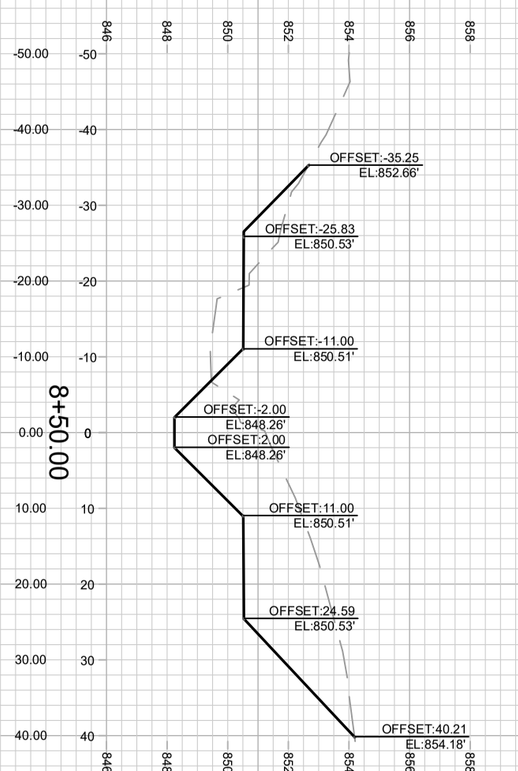
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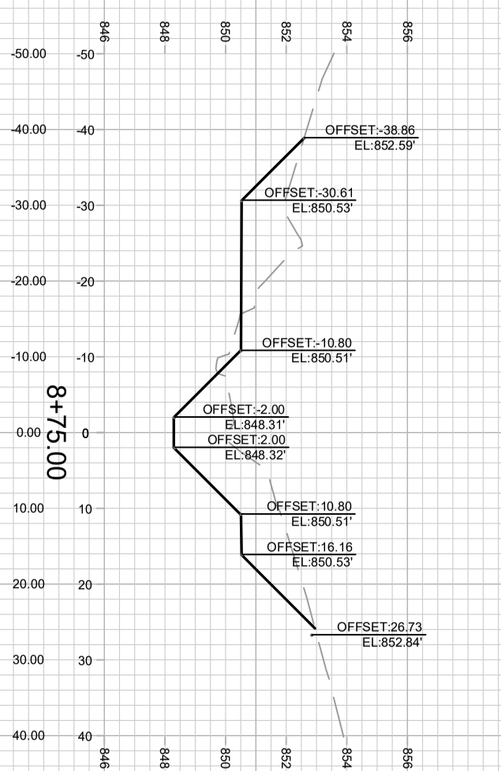
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13863 X8









X9

13863

GREENWAY CROSS SECTIONS 13863

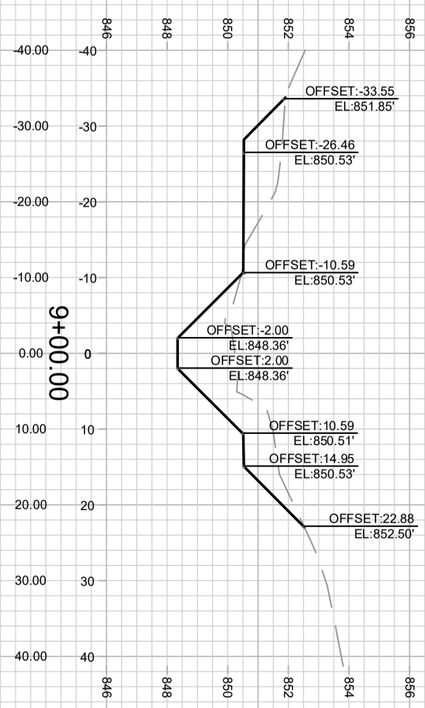
CASTLE CREEK IMPROVEMENTS MADISON, WI

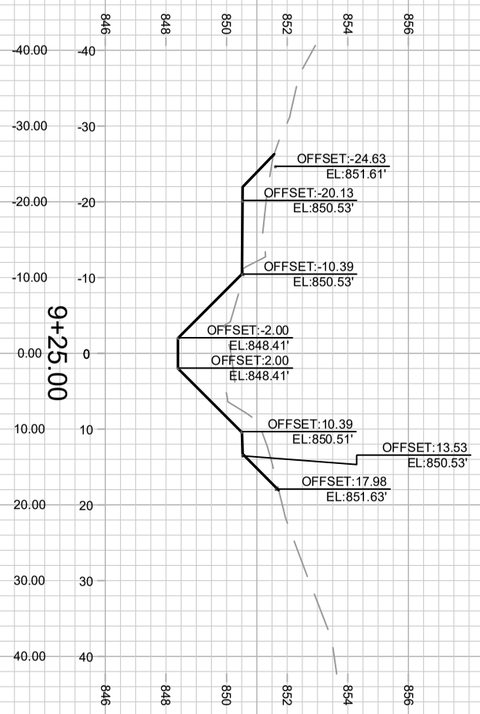
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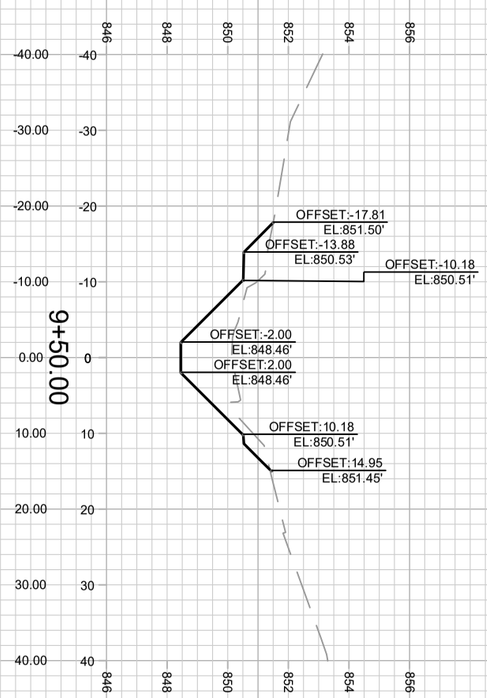
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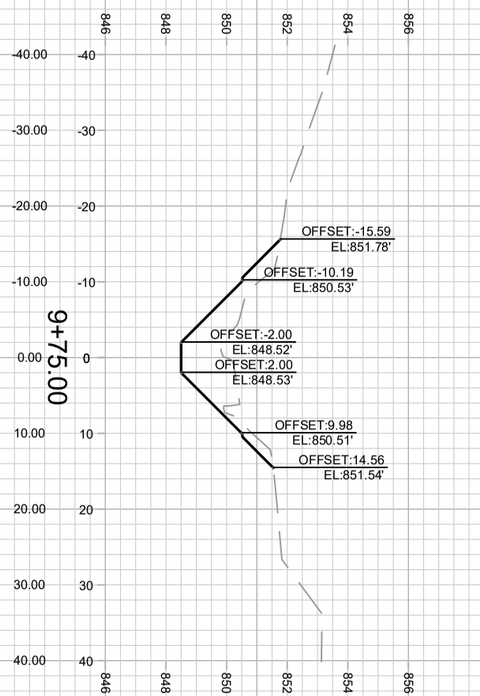
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13863 X9









X10 | 13863

GREENWAY CROSS SECTIONS — 13863

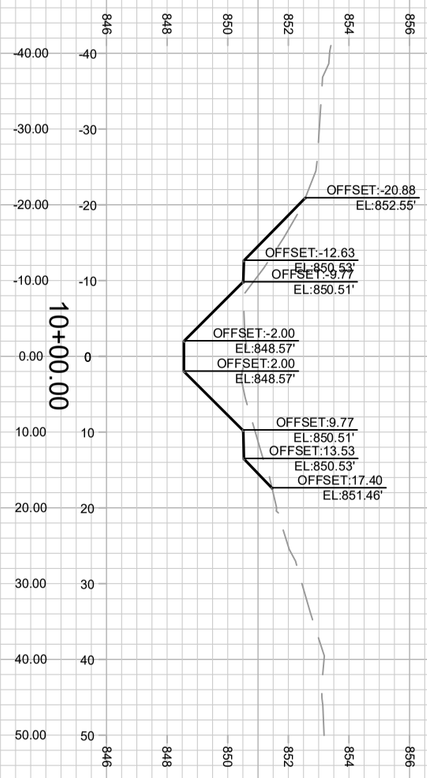
CASTLE CREEK IMPROVEMENTS — MADISON, WI

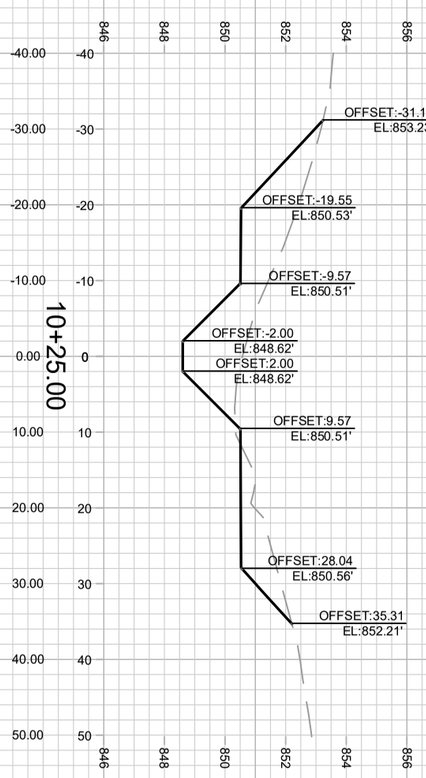
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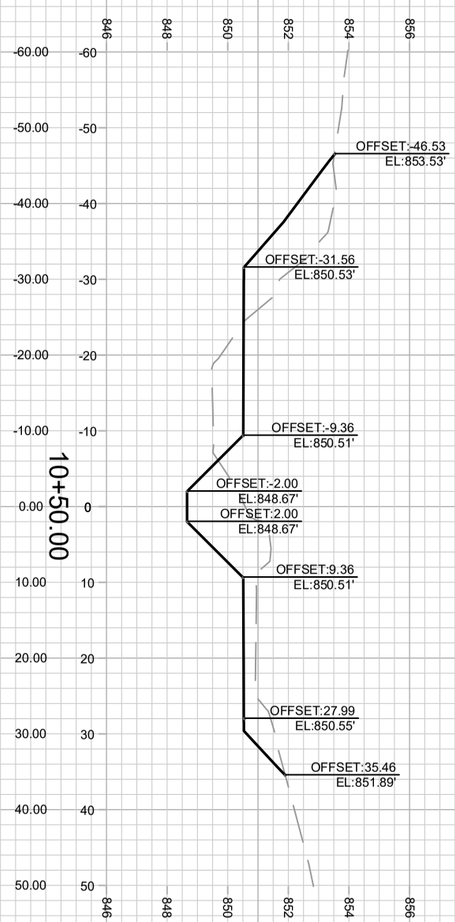
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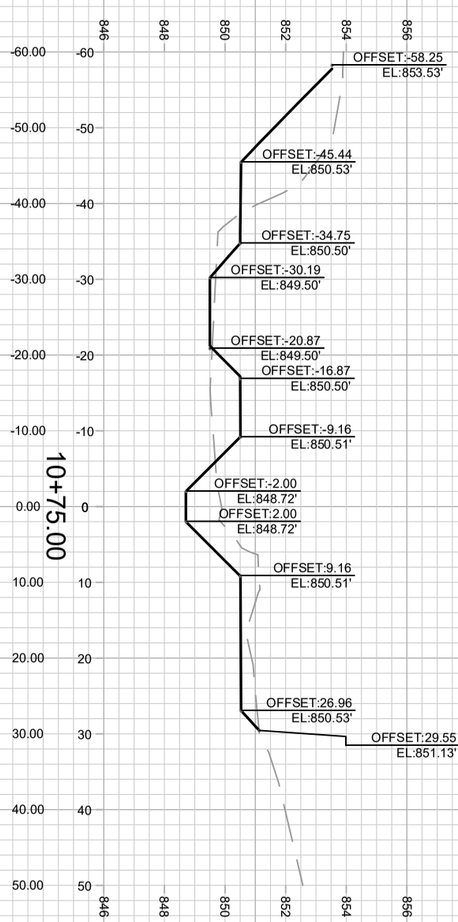
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13863 | X10









X11 | 13863

GREENWAY CROSS SECTIONS — 13863

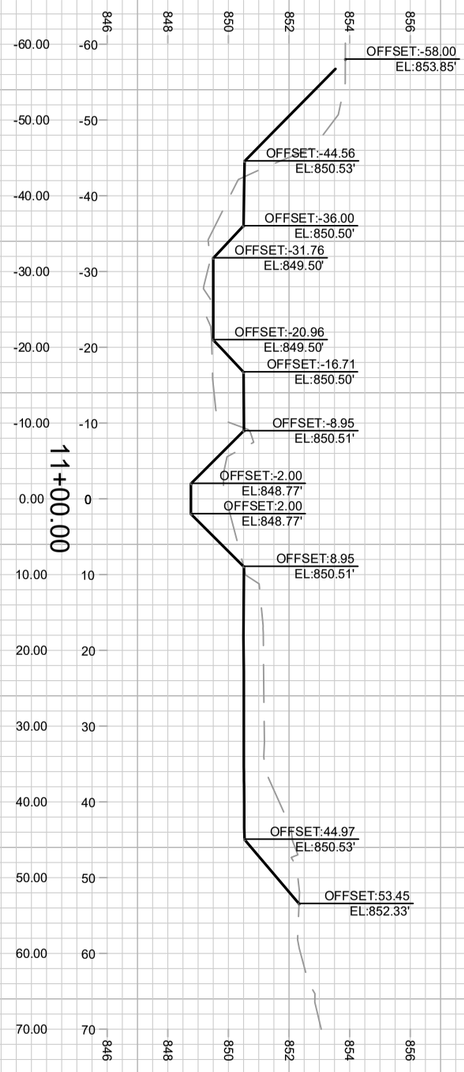
CASTLE CREEK IMPROVEMENTS — MADISON, WI

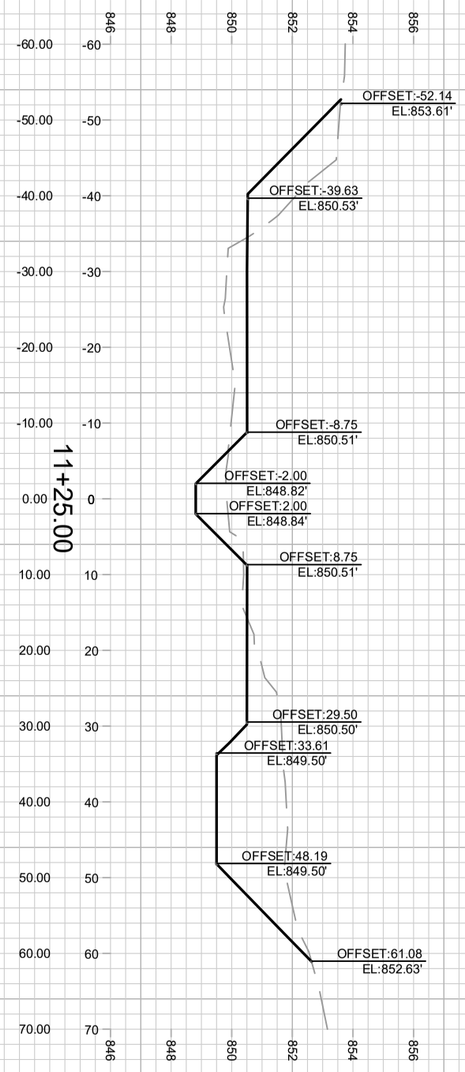
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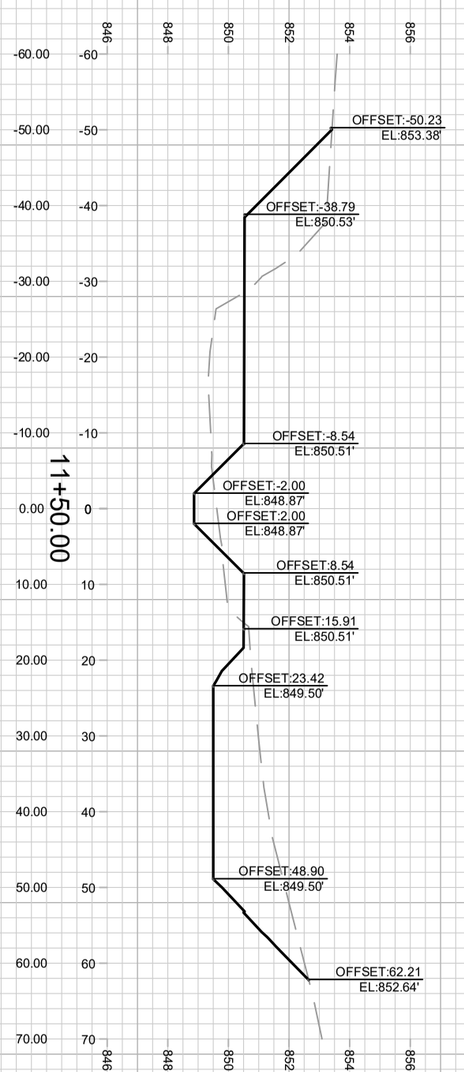
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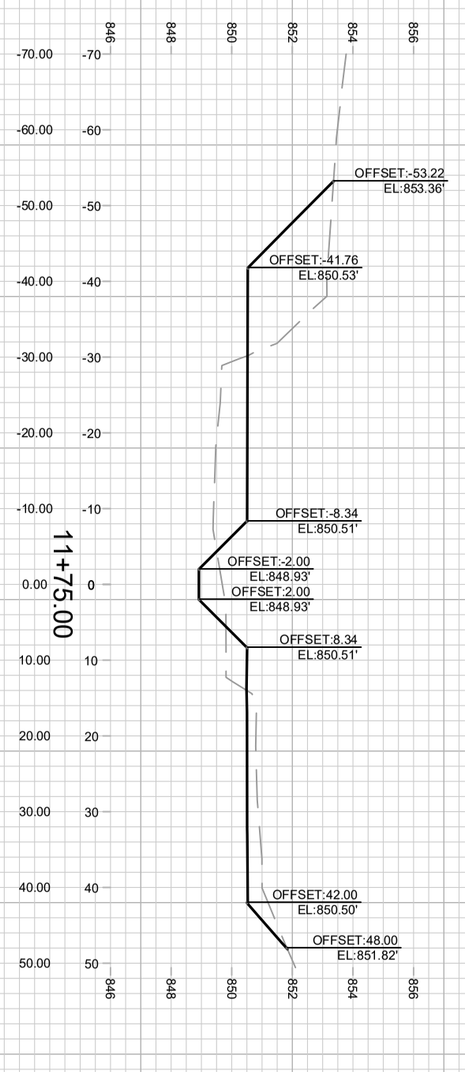
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13863 | X11









X12

13863

GREENWAY CROSS SECTIONS

CASTLE CREEK IMPROVEMENTS

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13863

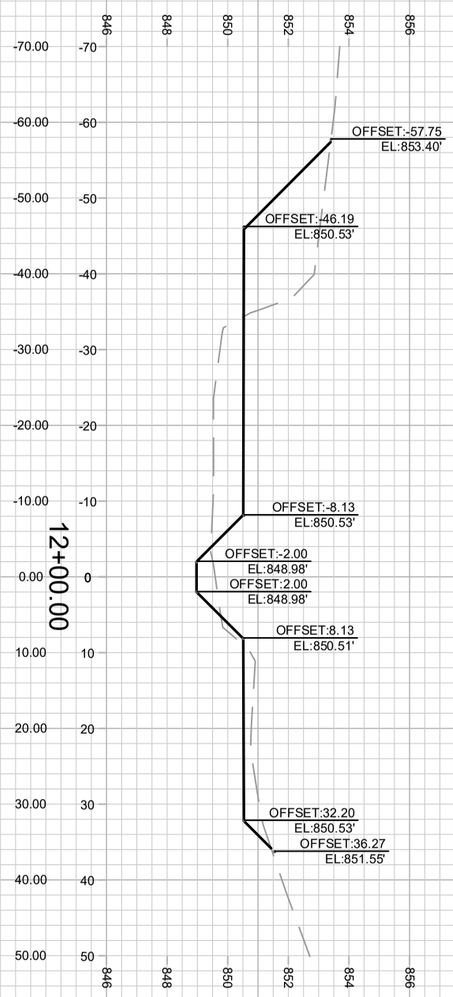
MADISON, WI

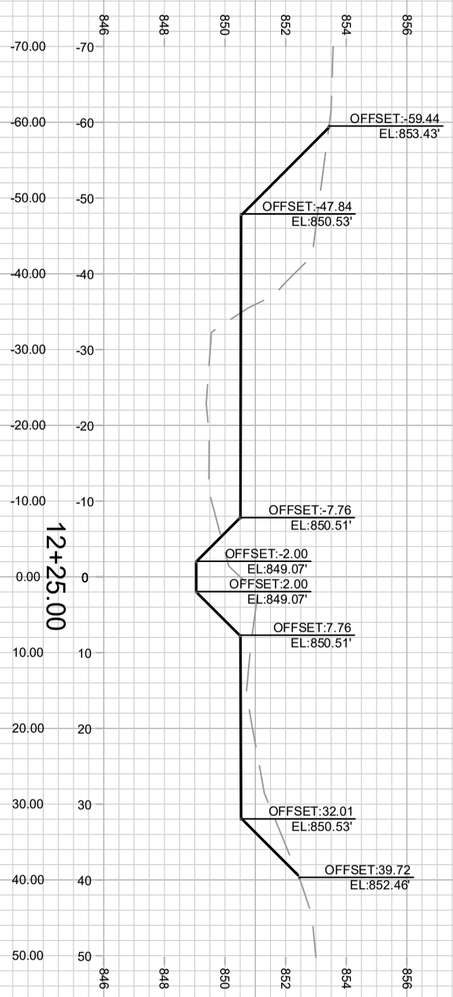
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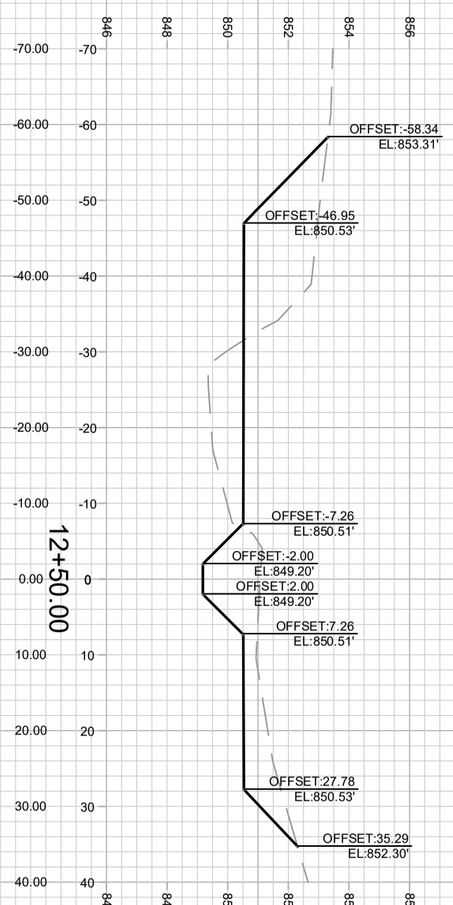
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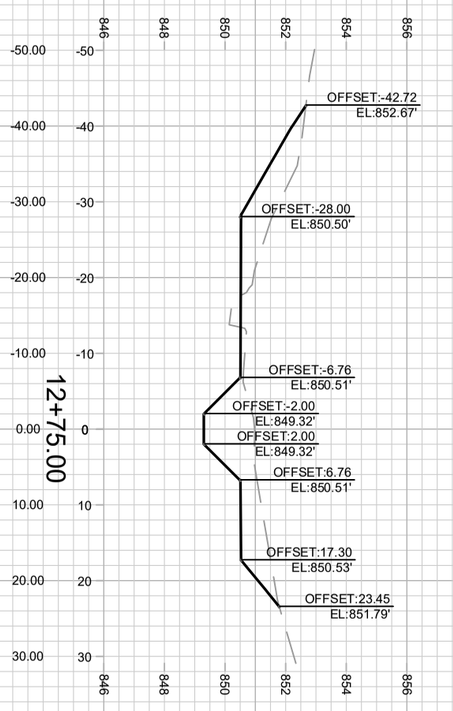
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13863 X12









X13 | 13863

GREENWAY CROSS SECTIONS | 13863

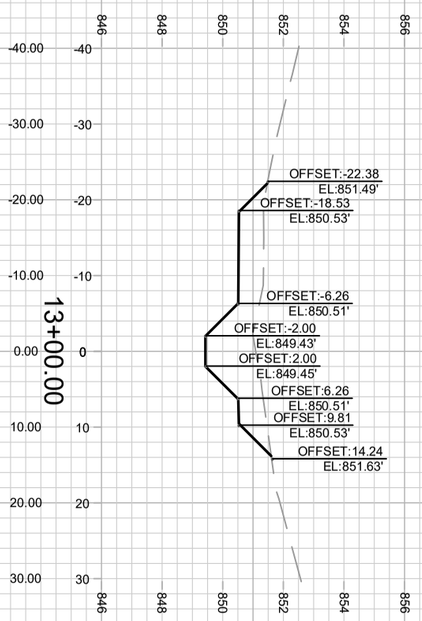
CASTLE CREEK IMPROVEMENTS | MADISON, WI

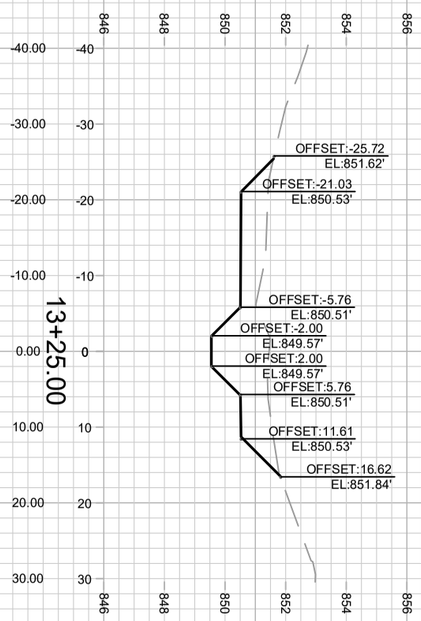
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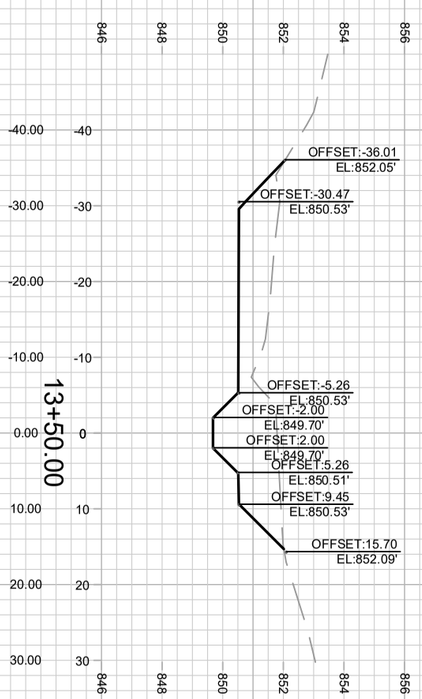
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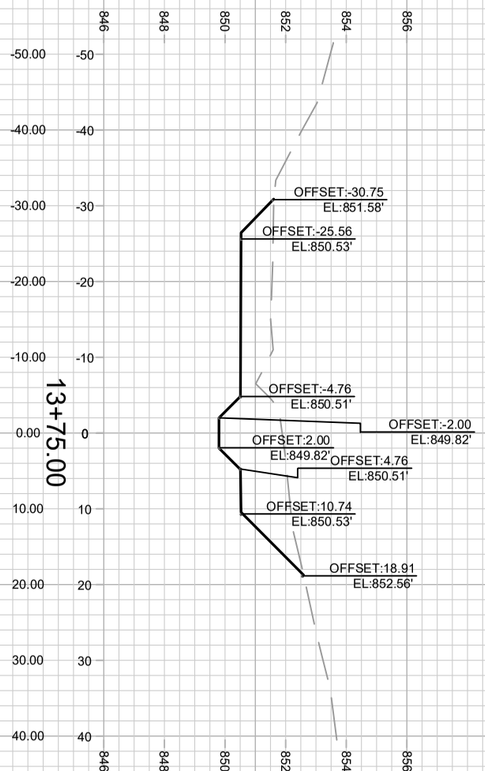
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13863 | X13









X14

13863

GREENWAY CROSS SECTIONS — 13863

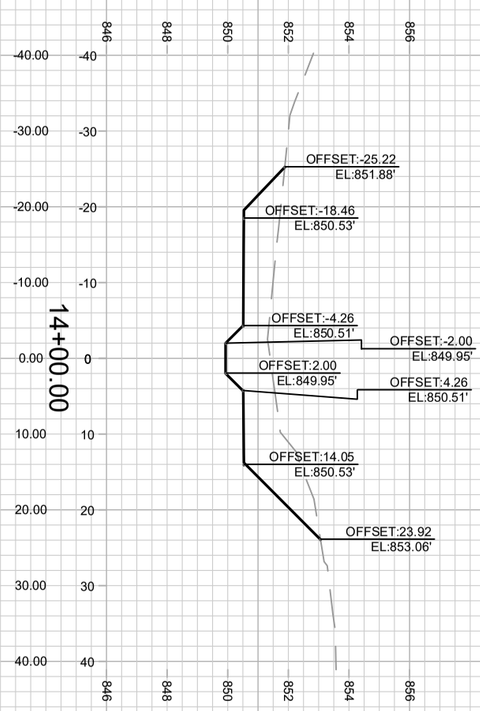
CASTLE CREEK IMPROVEMENTS — MADISON, WI

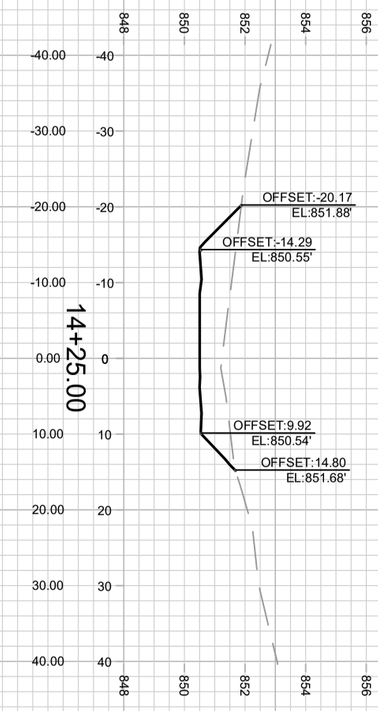
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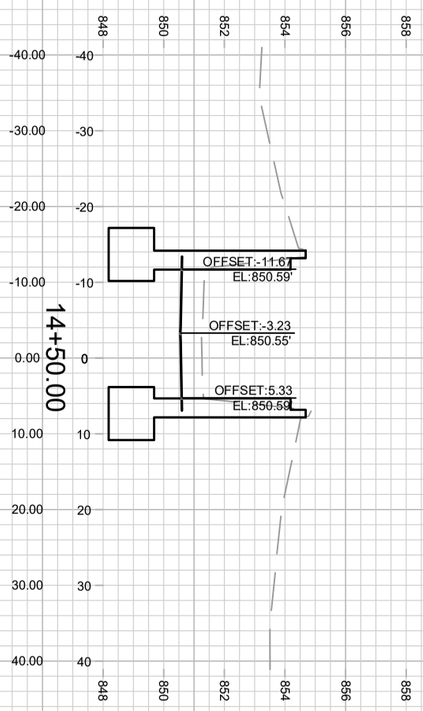
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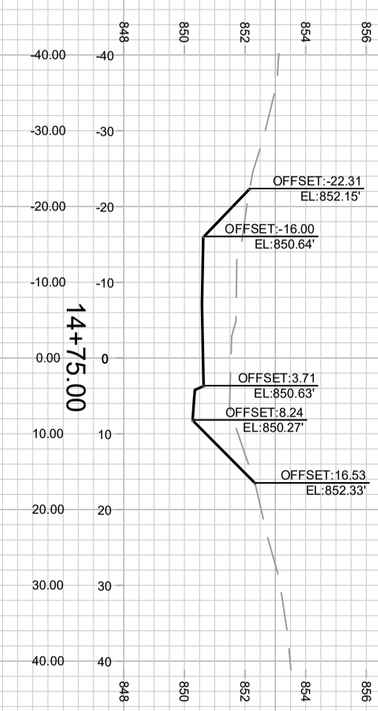
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13863 | X14









X15 | 13863

GREENWAY CROSS SECTIONS | 13863

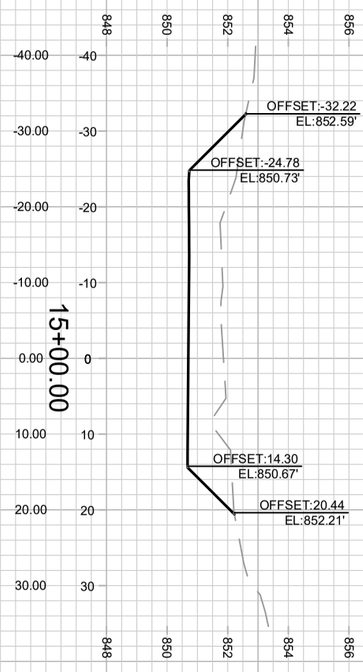
CASTLE CREEK IMPROVEMENTS | MADISON, WI

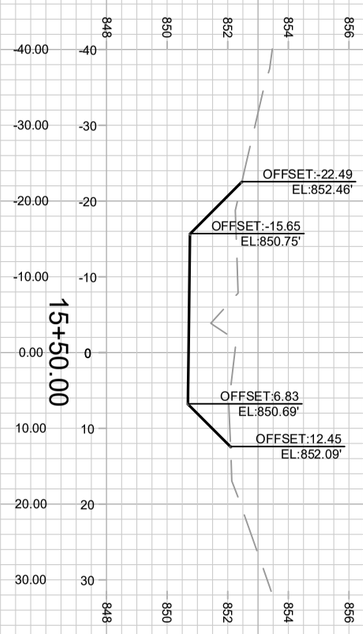
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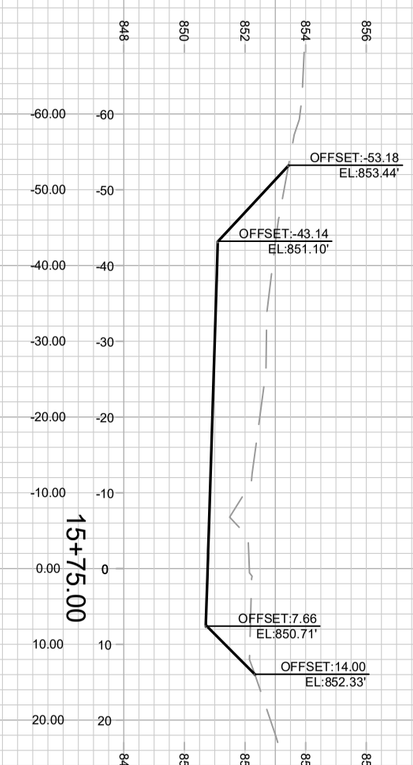
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13863 | X15







X16 | 13863

GREENWAY CROSS SECTIONS | 13863

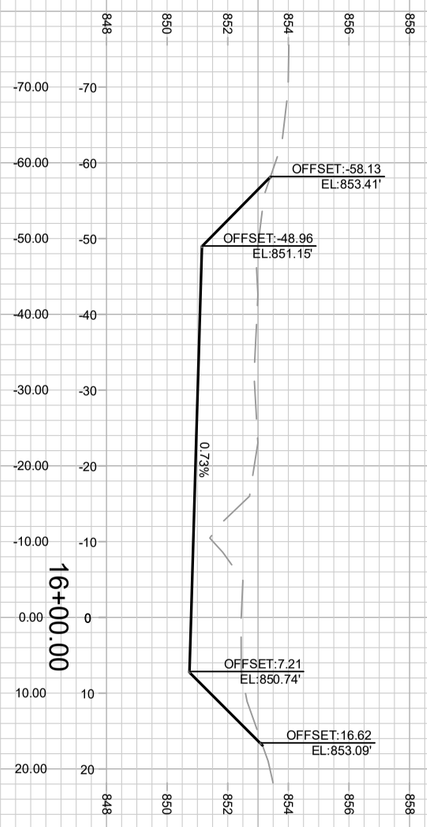
CASTLE CREEK IMPROVEMENTS | MADISON, WI

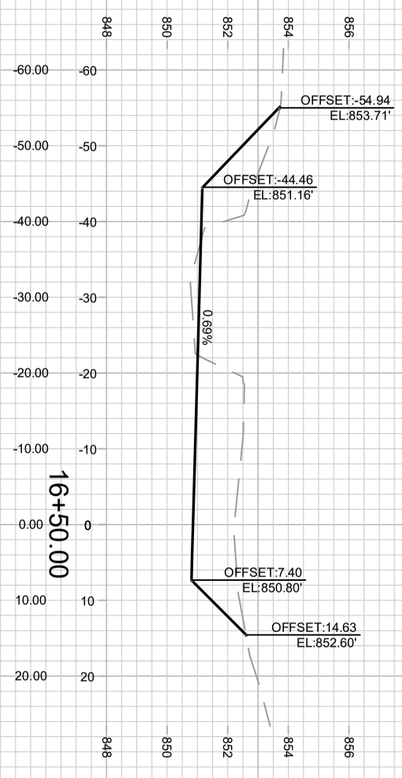
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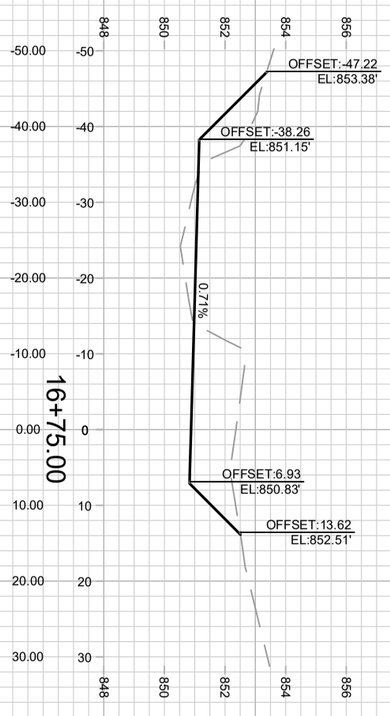
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Designed By: RSS | Date: 10/22/2026 4:47 PM | Scale: 1" = 20'

13863 | X16







X17 | 13863

GREENWAY CROSS SECTIONS — 13863

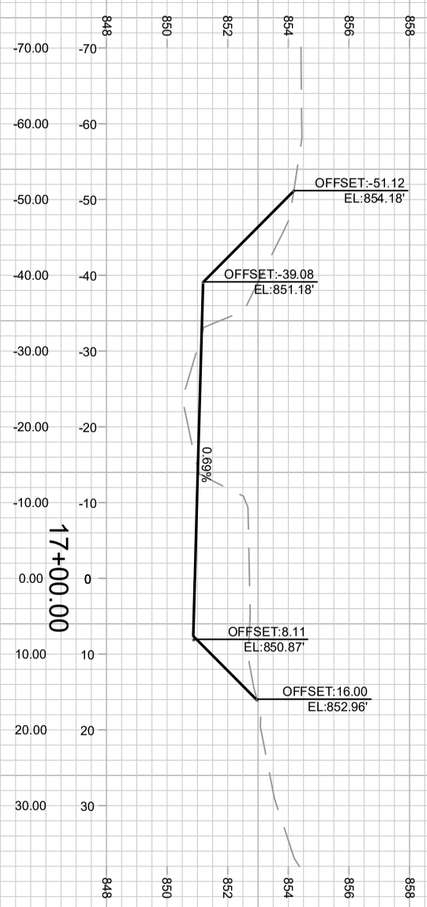
CASTLE CREEK IMPROVEMENTS — MADISON, WI

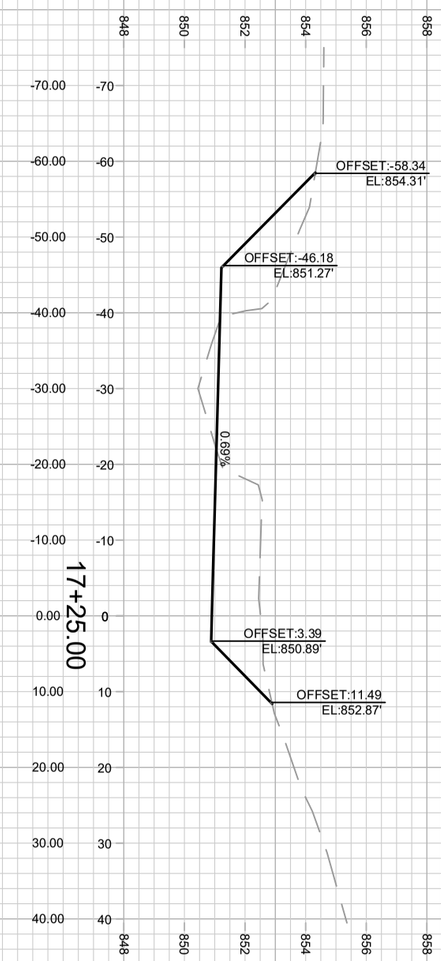
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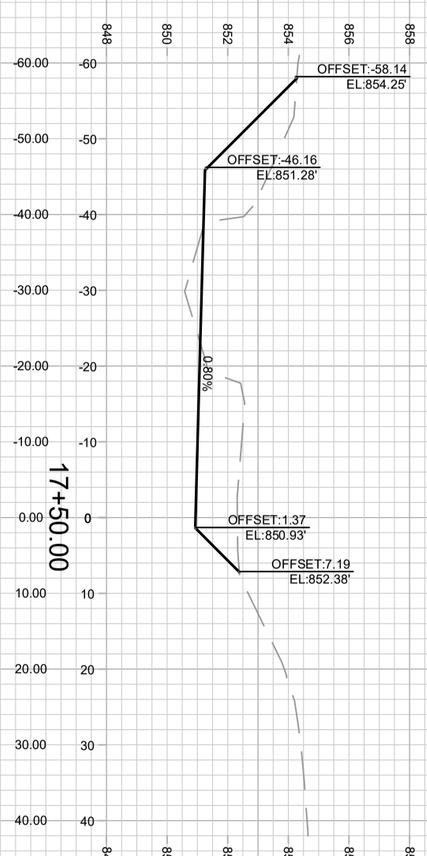
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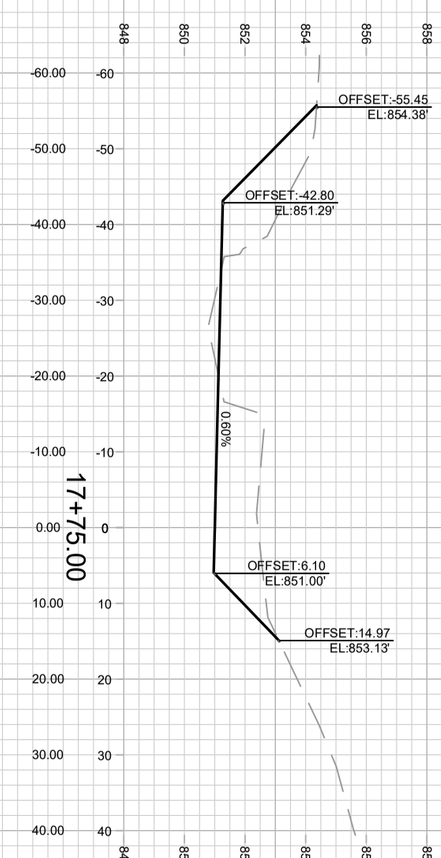
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13863 | X17









X18 | 13863

GREENWAY CROSS SECTIONS — 13863

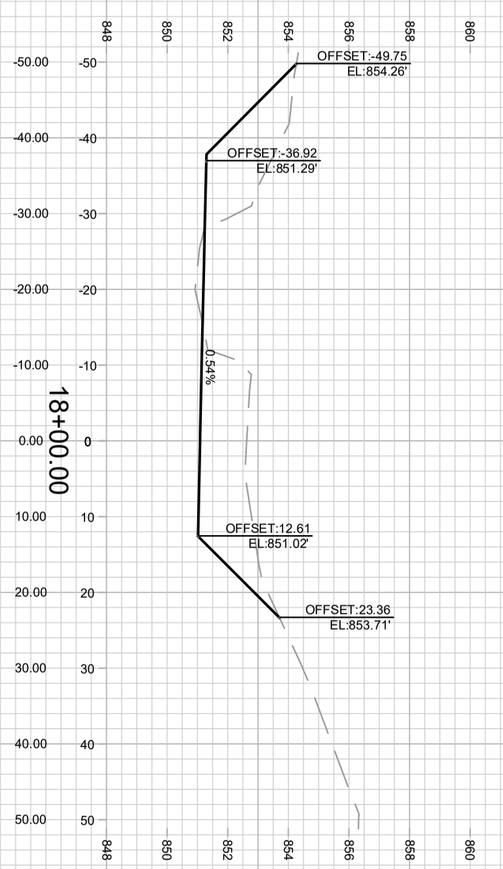
CASTLE CREEK IMPROVEMENTS — MADISON, WI

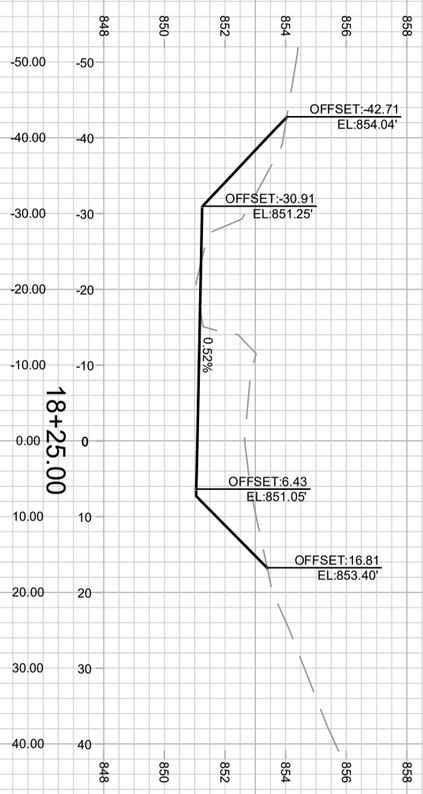
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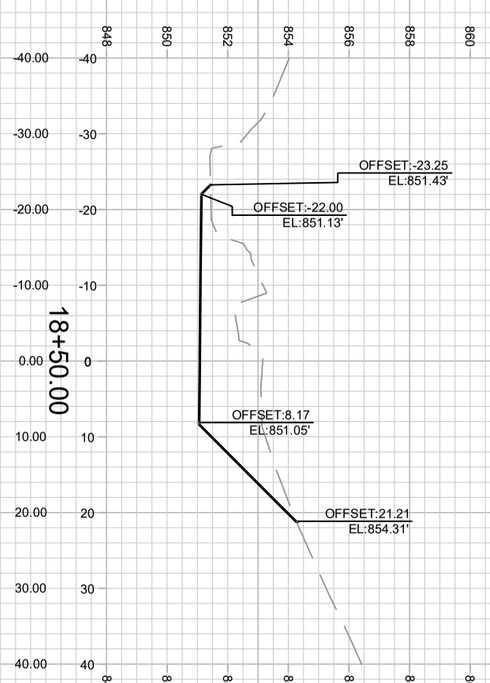
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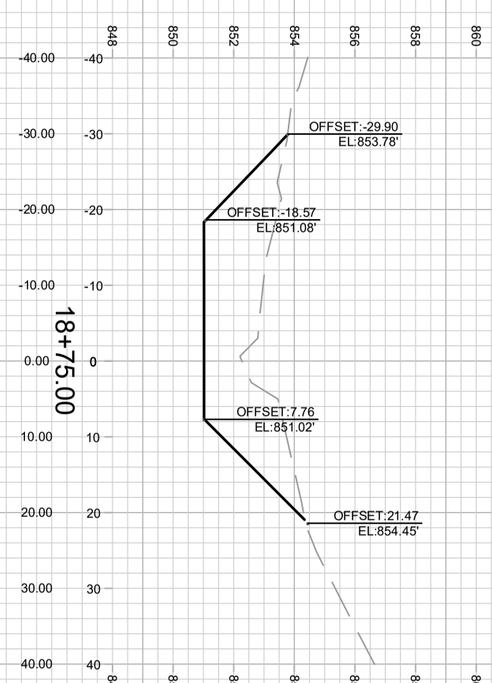
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13863 | X18









X19

13863

GREENWAY CROSS SECTIONS — 13863

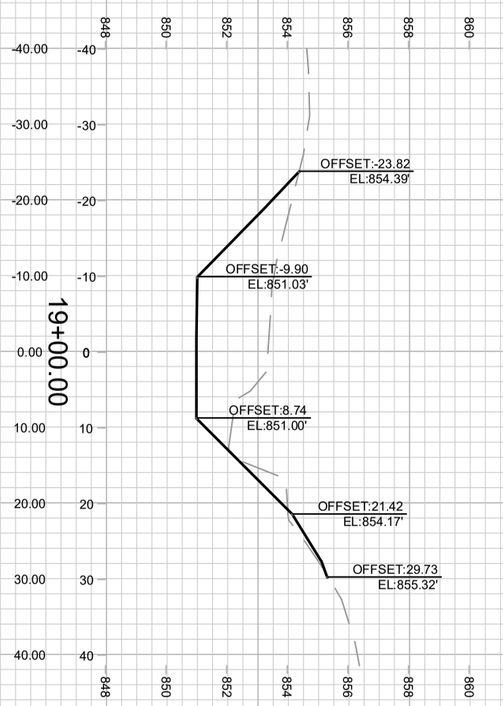
CASTLE CREEK IMPROVEMENTS — MADISON, WI

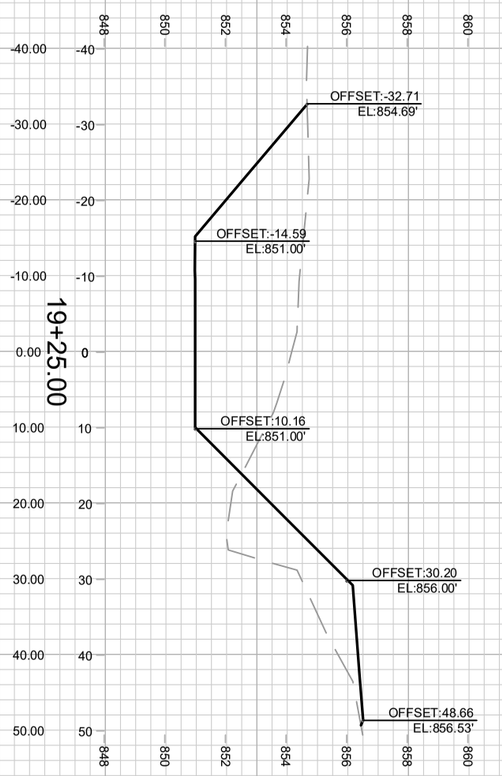
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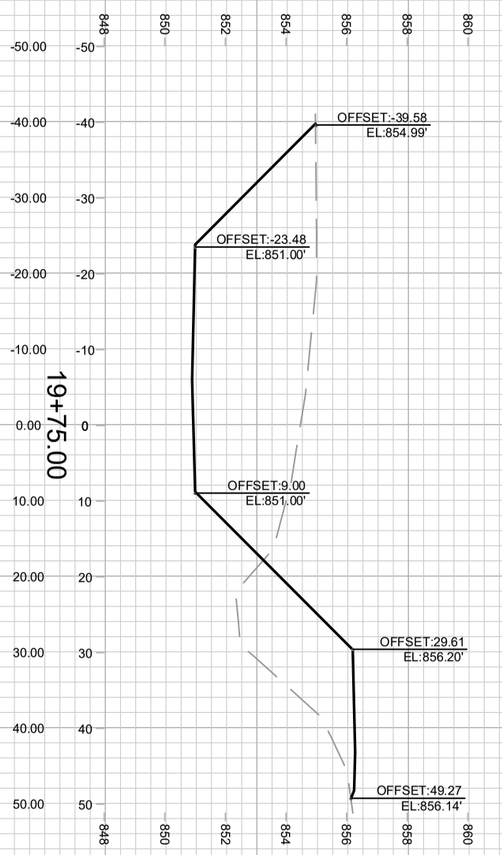
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13863 | X19









X20 | 13863

GREENWAY CROSS SECTIONS — 13863

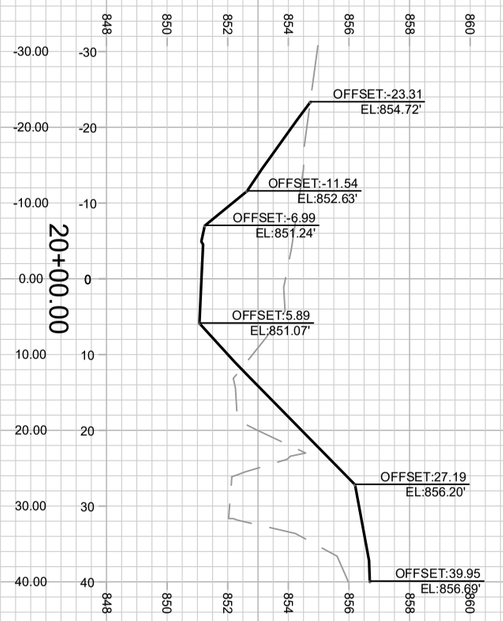
CASTLE CREEK IMPROVEMENTS — MADISON, WI

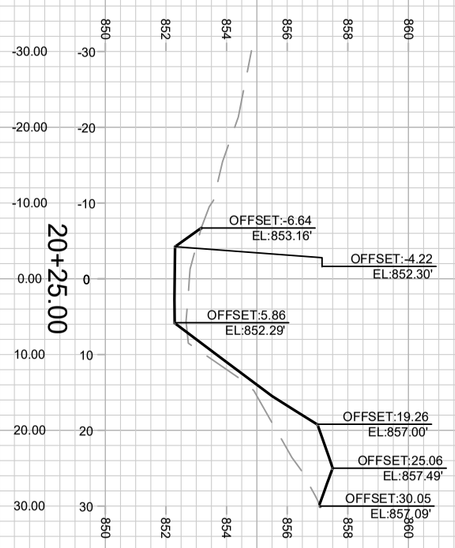
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13863 | X20





X21	13863	GREENWAY CROSS SECTIONS	13863
		CASTLE CREEK IMPROVEMENTS	MADISON, WI
		M:\DESIGN\Projects\13863\CAD\13863-CrossSections.dwg	CONTRACT NO: 9585

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Designed By: RSS	Date: 10/22/2026 4:46 PM	Scale: 1" = 20'
13863		X21

MAINTENANCE LEGEND:

- = TERRACE REQUIRE MOWING BY CITY
- = SIDEWALK AND BIKE PATHS REQUIRE SNOW REMOVAL BY CITY
- = BUS STOP PAD REQUIRES SNOW REMOVAL BY CITY
- =CROSSWALK OR CONCRETE WATERWAY REQUIRE SNOW REMOVAL BY CITY)
- = PRIVATELY MAINTAINED (MEDIANS, ISLAND, ROUNDABOUTS & PRIVATE OUTLOTS)
- = PUBLIC CITY ENGINEERING STORMWATER PROPERTY
- = PUBLIC CITY PARK PROPERTY
- = PRIVATE OUTLOT
- = PHASE BOUNDARY

SPECIAL FEATURES LEGEND:

- = SUSPENDED PAVEMENT SYSTEM
- = STORM WATER FEATURE
- = UNDERDRAIN

NOT FOR CONSTRUCTION - CITY RECORDS ONLY

AREAS OUTSIDE CHANNEL TO REMAIN UNDER PARKS MAINTENANCE

CHANNEL MAINTAINED UNDER CONTRACT UNTIL OCT. 2028

N SHERMAN AVE

TRAILSWAY

MONTEREY DR

BRENTWOOD PKWY

CALYPSO RD

FREMONT AVE

MARK	REVISION	DATE	BY
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Date: 10/22/2026 4:46 PM
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MN1

13863

MADISON, WI

CONTRACT NO: 9585

MAINTENANCE PLAN

CASTLE CREEK IMPROVEMENTS

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13863

MN1