



Madison, Wisconsin

# CITY OF MADISON

## CITY ENGINEERING DIVISION

### DEPARTMENT OF PUBLIC WORKS

# PLAN OF PROPOSED IMPROVEMENT

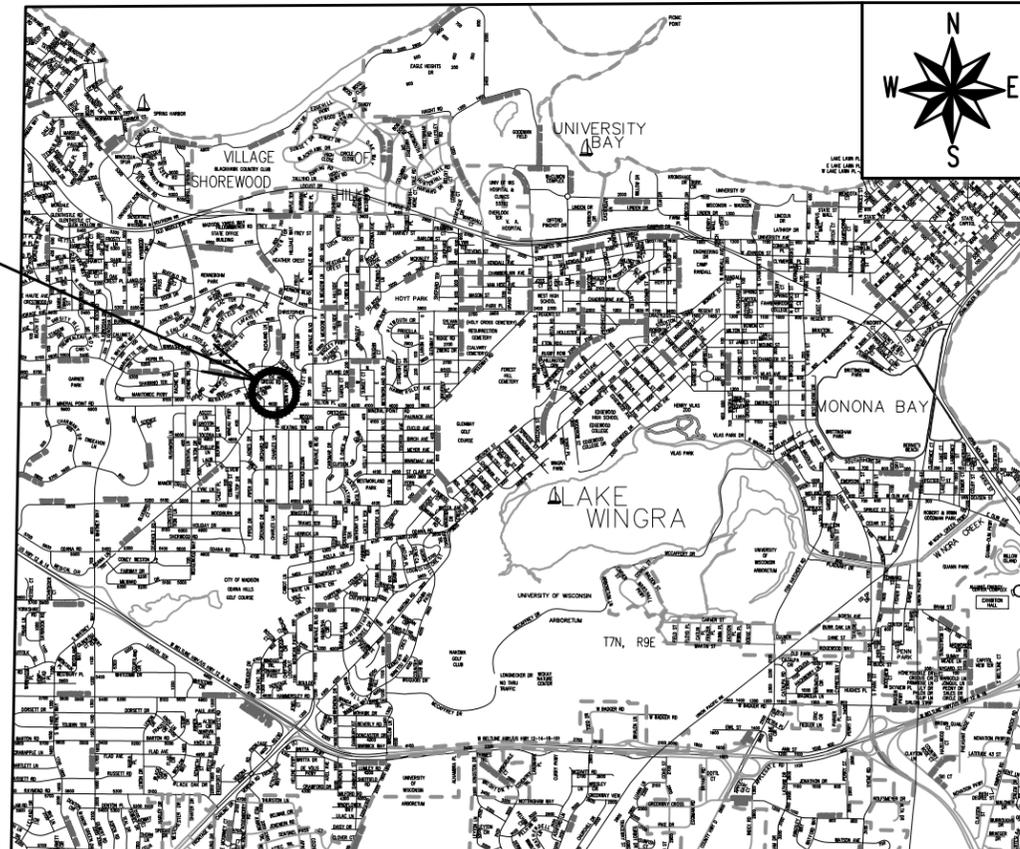
## ROBIN GREENWAY IMPROVEMENTS

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CITY PROJECT NO. 11066  
CONTRACT NO. 9333

PROJECT  
LOCATION



PUBLIC IMPROVEMENT PROJECT  
APPROVED

APPROVED DATE

BY THE COMMON COUNCIL  
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN  
APPROVED BY:

City Engineer

Date

STORM SEWER  
DESIGNED BY:

#### UTILITY CONTACTS

MG&E (Gas): Roger Ahles 608-252-5682

MG&E (Elec): Mark Bohm 608-252-4730

AT&T: Matthew Vachalik 262-707-6216

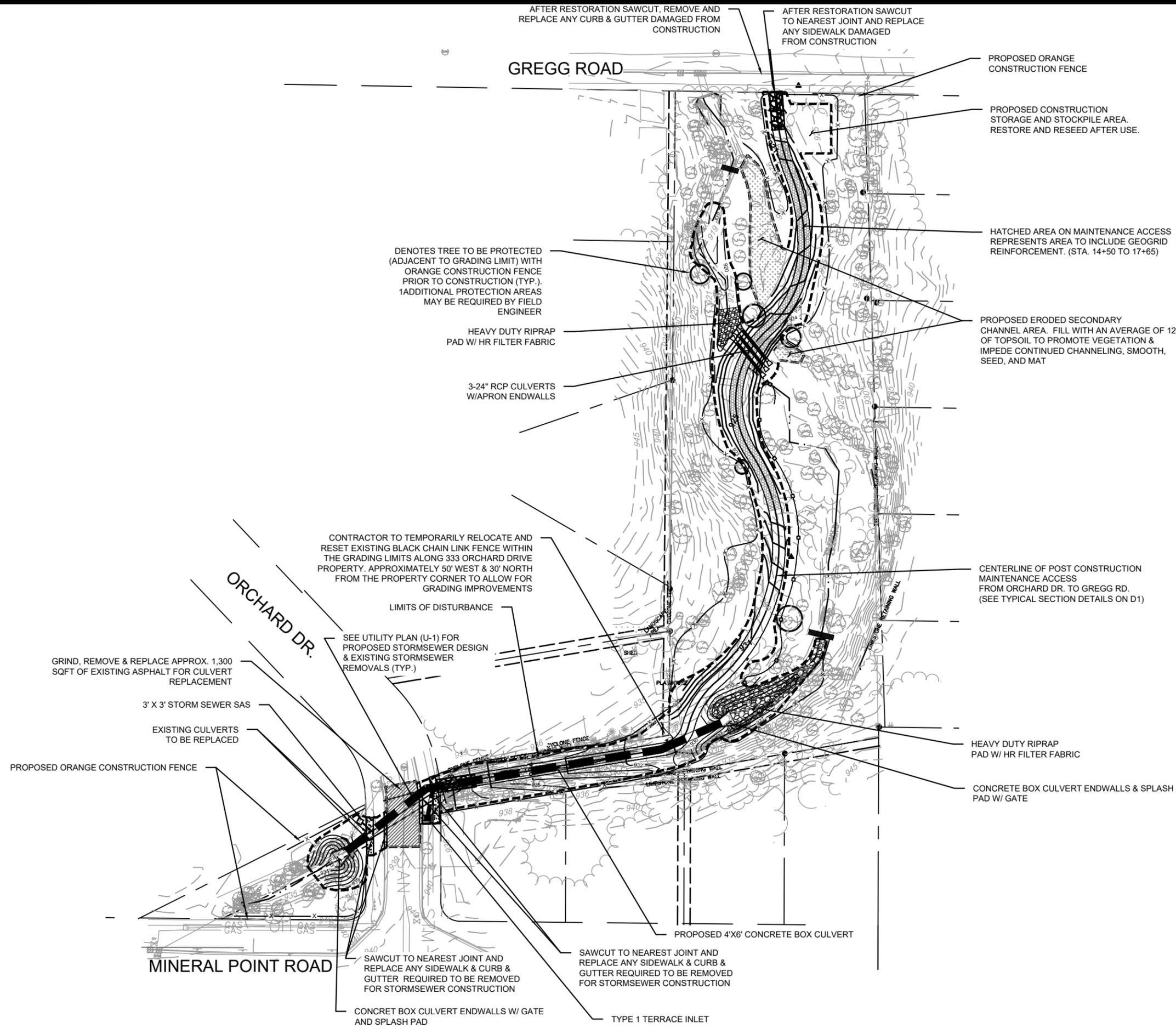
PLOT SCALE: 1 IN.=1 FT.\_XREF

PLOT NAME: ---

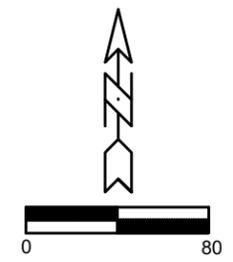
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ORIGINATOR: CITY\_OF\_MADISON

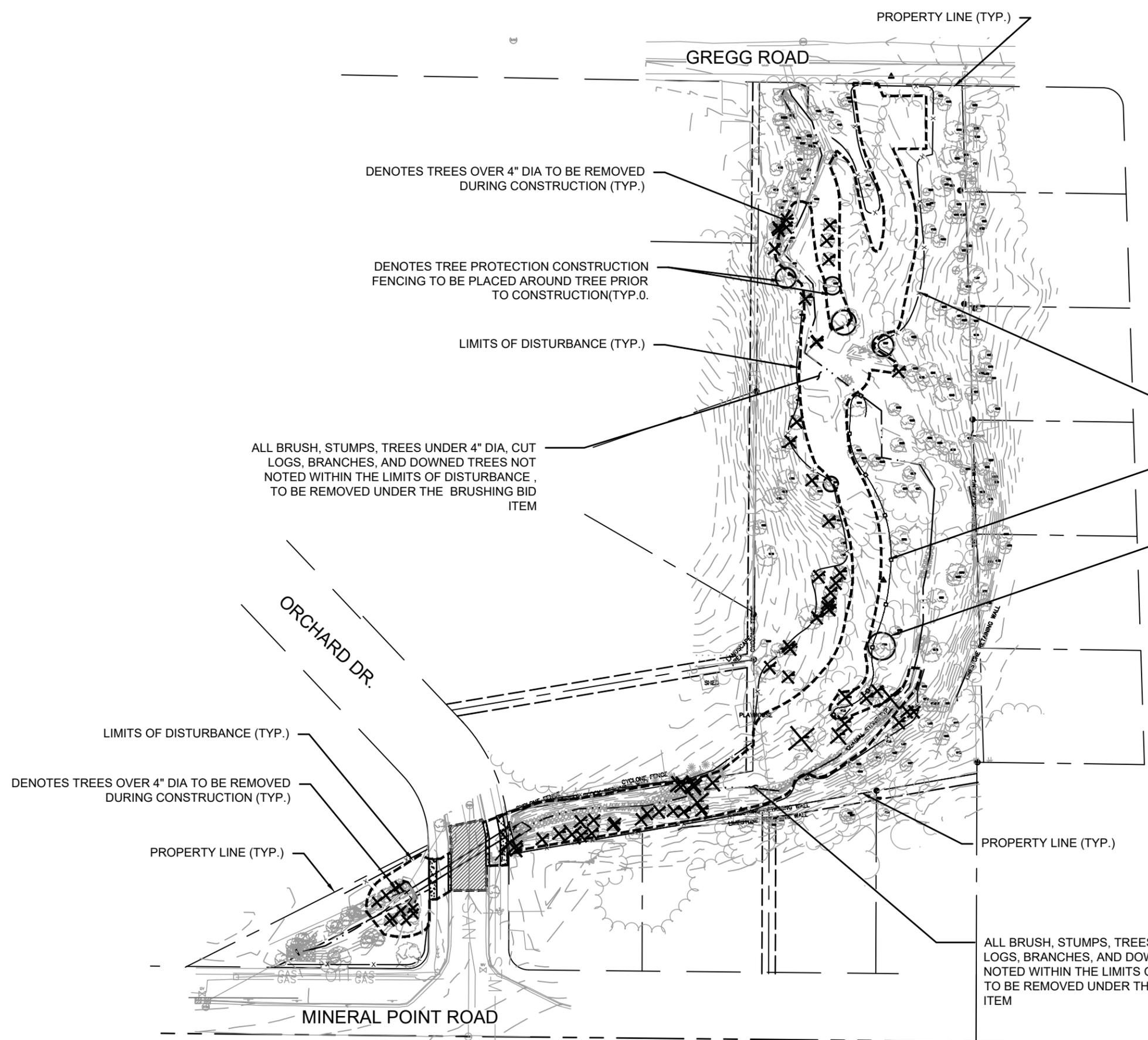




- GENERAL NOTES:**
1. ALL SITE WORK AND MATERIALS SHALL BE PER THE CITY OF MADISON STANDARD SPECIFICATIONS
  2. EROSION CONTROL MEASURES SHALL BE PLACED PER THE APPROVED EROSION CONTROL PLAN
  3. LENGTHS OF STORM SEWER INCLUDE ENDWALLS
  4. STORM SEWER LENGTHS SHALL BE FIELD VERIFIED DURING CONSTRUCTION TO ENSURE THAT THEY ARE LONG ENOUGH TO CONFORM TO THE TYPICAL SECTION
  5. ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM OF 4" OF TOPSOIL, SEED AND MULCH. SEED MIXTURE SHALL BE PER THE CITY OF MADISON REQUIREMENTS.
  6. ANY ERRORS, DISCREPANCIES OR DIMENSIONS WITH THE PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION.
  7. CONTRACTOR SHALL REPLACE ALL SIDEWALK AND CURB & GUTTER WHICH ABUTS THE PROPERTY AND IS DAMAGED BY CONSTRUCTION. ANY ADDITIONAL AREAS NOT CALLED OUT ON PLAN INCIDENTAL TO BID ITEM 20101
  8. ALL DAMAGE TO PAVEMENT OF ADJACENT PUBLIC STREETS SHALL BE RESTORED IN ACCORDANCE WITH THE CITY OF MADISON'S PAVEMENT PATCHING CRITERIA. INCIDENTAL TO BID ITEM 20101
  9. GLACIER ERRATICS AND STONES LARGER THAN 12 INCHES FOUND WITHIN GRADING LIMITS SHALL NOT BE BURIED, THEY SHALL BE REMOVED AND RELOCATED AROUND SITE. COORDINATE LOCATIONS WITH CITY LANDSCAPE ARCHITECT
  10. PREDOMINANTLY WITHIN EXISTING CHANNEL BOTTOM AND BANKS THROUGH THE GREENWAY



14412	ORCHARD DRIVE	9333	CONTRACT NO.:	14412
OVERALL SITE LAYOUT				
ROBIN GREENWAY IMPROVEMENTS				
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14412				
S1				



### LEGEND

- X DENOTES TREES OVER 6" DIAMETER TO BE REMOVED FOR GREENWAY IMPROVEMENTS. ALL OTHER TREES UNDER 6" DIAMETER, BRUSH, STUMPS, CUT LOGS, BRANCHES AND DOWNED TREES SHALL BE REMOVED BY THE CONTRACTOR WITHIN THE LIMITS OF DISTURBANCE UNDER THE BRUSHING BID ITEM. VERIFY TREES TO BE REMOVED DURING CONSTRUCTION WITH ENGINEER
- DENOTES TREE PROTECTION FENCING. PLACE ORANGE CONSTRUCTION FENCE AROUND TREES DENOTED ADJACENT TO THE GRADING LIMITS TO PROTECT TREES DURING CONSTRUCTION
- x— ORANGE CONSTRUCTION FENCE
- SILT FENCE

ORANGE CONSTRUCTION FENCE (TYP.)

SILT FENCE (TYP.)

DENOTES TREE PROTECTION CONSTRUCTION FENCING TO BE PLACED AROUND TREE PRIOR TO CONSTRUCTION.

- GENERAL NOTES**
1. TREES CALLED OUT FOR REMOVAL ARE TREES THAT ARE TO BE REMOVED AS PART OF THIS CONSTRUCTION PROJECT. CARE SHALL BE TAKEN TO LIMIT DISTURBANCE WHEN REMOVING TREES THAT FALL OUTSIDE THE GRADING LIMITS
  2. THE CONTRACTOR SHALL CONSULT THE ENGINEER PRIOR TO LIMBING ANY TREES THAT ARE TO REMAIN
  3. BRANCHES BROKEN ON SAVED TREES, DURING THE FELLING OF ADJACENT TREES, SHALL BE CUT OR LIMBED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
  4. STUMPS WITHIN THE GRADING LIMITS SHALL BE GRUBBED OR PULLED TO MEET FINAL GRADE.
  5. ALL OTHER TREES THAT ARE NOT NOTED ON THIS PLAN SHALL REMAIN.

DENOTES TREES OVER 4" DIA TO BE REMOVED DURING CONSTRUCTION (TYP.)

DENOTES TREE PROTECTION CONSTRUCTION FENCING TO BE PLACED AROUND TREE PRIOR TO CONSTRUCTION(TYP.0.

LIMITS OF DISTURBANCE (TYP.)

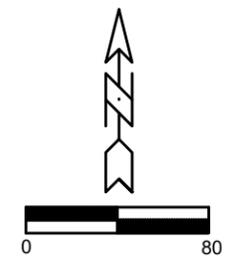
ALL BRUSH, STUMPS, TREES UNDER 4" DIA, CUT LOGS, BRANCHES, AND DOWNED TREES NOT NOTED WITHIN THE LIMITS OF DISTURBANCE , TO BE REMOVED UNDER THE BRUSHING BID ITEM

LIMITS OF DISTURBANCE (TYP.)

DENOTES TREES OVER 4" DIA TO BE REMOVED DURING CONSTRUCTION (TYP.)

PROPERTY LINE (TYP.)

ALL BRUSH, STUMPS, TREES UNDER 4" DIA, CUT LOGS, BRANCHES, AND DOWNED TREES NOT NOTED WITHIN THE LIMITS OF DISTURBANCE , TO BE REMOVED UNDER THE BRUSHING BID ITEM



14412	ORCHARD DRIVE	9333	CONTRACT NO:
CLEARING PLAN ROBIN GREENWAY IMPROVEMENTS <small>M:\DESIGN\Projects\14412\CAD\Drawings\14412 Robin Greenway.dwg</small>			
14412		CP1	

DATE	BY
REVISION	
MARK	
Designed By: GVP	Scale: -
14412	GP1

14412  
 ORCHARD DRIVE  
 9333  
 CONTRACT NO.:

GRADING AND EROSION CONTROL PLAN - NORTH AREA  
 ROBIN GREENWAY IMPROVEMENTS

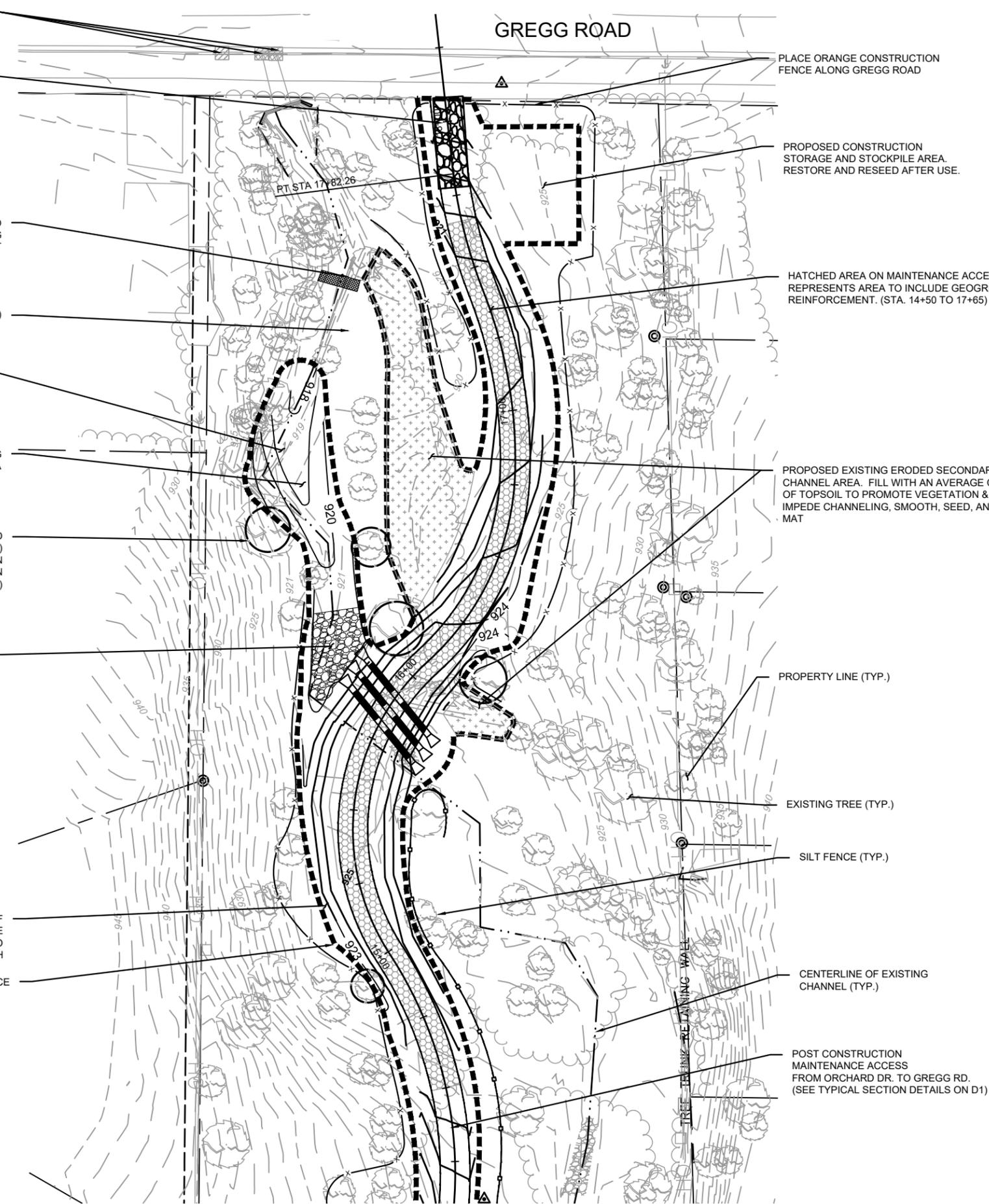
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14412  
 GP2

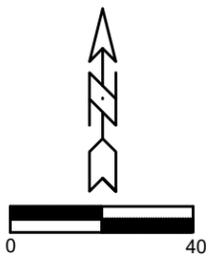
**EROSION CONTROL NOTES:**

1. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED BY THE CONTRACTOR IN ACCORDANCE WITH THE WISCONSIN DNR TECHNICAL STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.
2. INSTALL EROSION CONTROL MEASURES PRIOR TO ANY SITE WORK. MODIFICATIONS TO SEDIMENT CONTROL DESIGN MAY BE CONDUCTED TO MEET UNFORESEEN FIELD CONDITIONS. THE CONTRACTOR SHALL PLACE SILT SOCK OR SILT FENCE AT THE DIRECTION OF THE CONSTRUCTION ENGINEER.
3. EROSION CONTROL MEASURES INDICATED ON THE PLANS SHALL BE CONSIDERED MINIMUMS. IF DETERMINED NECESSARY DURING CONSTRUCTION ADDITIONAL MEASURES SHALL BE INSTALLED TO PREVENT SEDIMENT FROM LEAVING THE SITE.
4. INSPECT EROSION CONTROL MEASURES AFTER EACH 1/2" OR GREATER RAINFALL. REPAIR ANY DAMAGE OBSERVED DURING CONSTRUCTION.
5. CONTRACTOR SHALL REMOVE ALL EROSION CONTROL PRACTICES WHEN THE SITE IS RESTORED.
6. THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON
7. NO SITE GRADING OUTSIDE OF THE LIMITS OF DISTURBANCE
8. INSTALL INLET PROTECTION IN ALL STORM SEWER INLETS AND CATCH BASINS THAT MAY RECEIVE RUNOFF FROM DISTURBED AREAS
9. CUT AND FILL SLOPES SHALL BE NO GREATER THAN 3:1
10. ALL DISTURBED AREAS SHALL BE STABILIZED WITH A MINIMUM OF CLASS I, TYPE A ORGANIC EROSION MATTING AND ALL DRAINAGE SWALES SHALL BE STABILIZED WITH CLASS II, TYPE C EROSION MATTING.
11. ALL INCIDENTAL MUD TRACKING OFF-SITE ONTO ADJACENT PUBLIC RIGHT-OF WAY (ROW) SHALL BE SWEEPED OR SCRAPED WHEN VISIBLE THROUGH OUT THE WORKDAY. ALL SEDIMENT AND DEBRIS MUST BE REMOVED FROM THE ROW (STREET & GUTTERS) BY THE END OF EACH WORKING DAY USING PROPER DISPOSAL METHODS
12. PREVENT EXCESSIVE DUST FROM LEAVING THE CONSTRUCTION SITE IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS.
13. INSTALL EROSION CONTROLS ON THE DOWNSTREAM SIDE OF STOCKPILES.
14. CONTOURS REPRESENT FINISH GRADE.
15. ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM OF 4" OF TOPSOIL, SEED AND MULCH. SEED MIXTURE SHALL BE PER THE CITY OF MADISON REQUIREMENTS.
16. DEWATERING, IF REQUIRED, SHALL BE CONDUCTED PER WDNR STORM WATER MANAGEMENT TECHNICAL STANDARD 1061.



- INSTALL & MAINTAIN TEMPORARY RIGID FRAME INLET PROTECTION IN STREET INLET. REMOVE WHEN CONSTRUCTION IS COMPLETE
- INSTALL & MAINTAIN STONE CONSTRUCTION ENTRANCE PER S.D.D. 1.07
- PLACE 2' TALL CLEAR STONE CHECK DAM PRIOR TO CONSTRUCTION. REMOVE WHEN SITE GRADING IS COMPLETE AND CLEAN ANY ACCUMULATED SEDIMENT
- SILT FENCE (TYP.)
- PLACE CLASS II, TYPE C ORGANIC EROSION MATTING IN DISTURBED CHANNEL AREAS (TYP.)
- STRAIGHTEN EXISTING CHANNEL FLOW PATH IN THIS AREA
- DENOTES TREE TO BE PROTECTED (ADJACENT TO GRADING LIMIT) WITH ORANGE CONSTRUCTION FENCE PRIOR TO CONSTRUCTION (TYP.)
- 410 SQFT HEAVY DUTY RIPRAP PAD W/ HR FILTER FABRIC
- GRADE TO DRAIN RUNOFF FROM THIS AREA TO THE EXISTING CHANNEL TO THE NORTH
- LIMITS OF DISTURBANCE

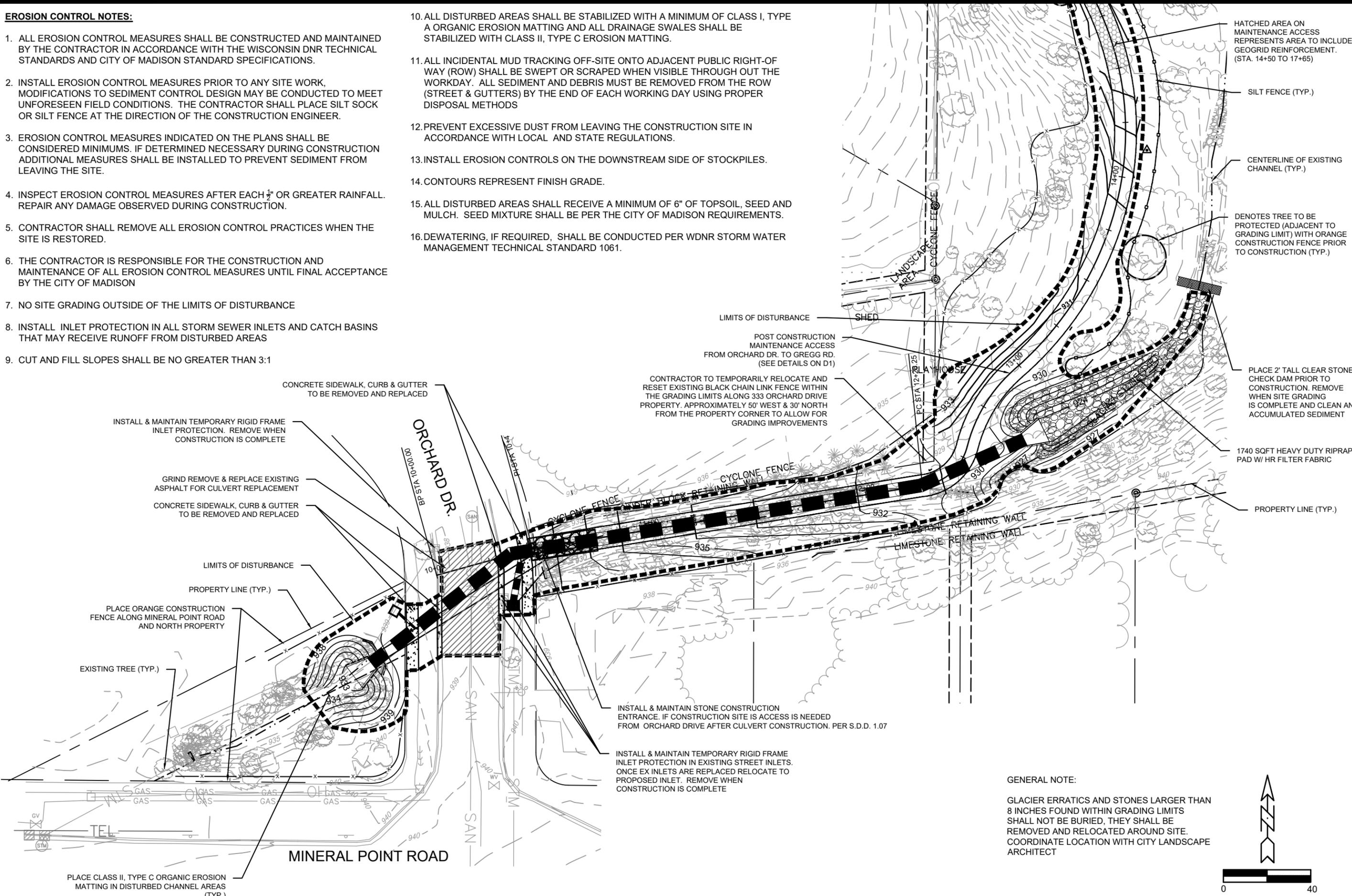
**GENERAL NOTE:**  
 GLACIER ERRATICS AND STONES LARGER THAN 8 INCHES FOUND WITHIN GRADING LIMITS SHALL NOT BE BURIED, THEY SHALL BE REMOVED AND RELOCATED AROUND SITE. COORDINATE LOCATION WITH CITY LANDSCAPE ARCHITECT



**EROSION CONTROL NOTES:**

1. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED BY THE CONTRACTOR IN ACCORDANCE WITH THE WISCONSIN DNR TECHNICAL STANDARDS AND CITY OF MADISON STANDARD SPECIFICATIONS.
2. INSTALL EROSION CONTROL MEASURES PRIOR TO ANY SITE WORK. MODIFICATIONS TO SEDIMENT CONTROL DESIGN MAY BE CONDUCTED TO MEET UNFORESEEN FIELD CONDITIONS. THE CONTRACTOR SHALL PLACE SILT SOCK OR SILT FENCE AT THE DIRECTION OF THE CONSTRUCTION ENGINEER.
3. EROSION CONTROL MEASURES INDICATED ON THE PLANS SHALL BE CONSIDERED MINIMUMS. IF DETERMINED NECESSARY DURING CONSTRUCTION ADDITIONAL MEASURES SHALL BE INSTALLED TO PREVENT SEDIMENT FROM LEAVING THE SITE.
4. INSPECT EROSION CONTROL MEASURES AFTER EACH 1/2" OR GREATER RAINFALL. REPAIR ANY DAMAGE OBSERVED DURING CONSTRUCTION.
5. CONTRACTOR SHALL REMOVE ALL EROSION CONTROL PRACTICES WHEN THE SITE IS RESTORED.
6. THE CONTRACTOR IS RESPONSIBLE FOR THE CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL FINAL ACCEPTANCE BY THE CITY OF MADISON
7. NO SITE GRADING OUTSIDE OF THE LIMITS OF DISTURBANCE
8. INSTALL INLET PROTECTION IN ALL STORM SEWER INLETS AND CATCH BASINS THAT MAY RECEIVE RUNOFF FROM DISTURBED AREAS
9. CUT AND FILL SLOPES SHALL BE NO GREATER THAN 3:1

10. ALL DISTURBED AREAS SHALL BE STABILIZED WITH A MINIMUM OF CLASS I, TYPE A ORGANIC EROSION MATTING AND ALL DRAINAGE SWALES SHALL BE STABILIZED WITH CLASS II, TYPE C EROSION MATTING.
11. ALL INCIDENTAL MUD TRACKING OFF-SITE ONTO ADJACENT PUBLIC RIGHT-OF-WAY (ROW) SHALL BE SWEEPED OR SCRAPED WHEN VISIBLE THROUGH OUT THE WORKDAY. ALL SEDIMENT AND DEBRIS MUST BE REMOVED FROM THE ROW (STREET & GUTTERS) BY THE END OF EACH WORKING DAY USING PROPER DISPOSAL METHODS
12. PREVENT EXCESSIVE DUST FROM LEAVING THE CONSTRUCTION SITE IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS.
13. INSTALL EROSION CONTROLS ON THE DOWNSTREAM SIDE OF STOCKPILES.
14. CONTOURS REPRESENT FINISH GRADE.
15. ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM OF 6" OF TOPSOIL, SEED AND MULCH. SEED MIXTURE SHALL BE PER THE CITY OF MADISON REQUIREMENTS.
16. DEWATERING, IF REQUIRED, SHALL BE CONDUCTED PER WDNR STORM WATER MANAGEMENT TECHNICAL STANDARD 1061.



HATCHED AREA ON MAINTENANCE ACCESS REPRESENTS AREA TO INCLUDE GEOGRID REINFORCEMENT. (STA. 14+50 TO 17+65)

SILT FENCE (TYP.)

CENTERLINE OF EXISTING CHANNEL (TYP.)

DENOTES TREE TO BE PROTECTED (ADJACENT TO GRADING LIMIT) WITH ORANGE CONSTRUCTION FENCE PRIOR TO CONSTRUCTION (TYP.)

LIMITS OF DISTURBANCE

POST CONSTRUCTION MAINTENANCE ACCESS FROM ORCHARD DR. TO GREGG RD. (SEE DETAILS ON D1)

CONTRACTOR TO TEMPORARILY RELOCATE AND RESET EXISTING BLACK CHAIN LINK FENCE WITHIN THE GRADING LIMITS ALONG 333 ORCHARD DRIVE PROPERTY. APPROXIMATELY 50' WEST & 30' NORTH FROM THE PROPERTY CORNER TO ALLOW FOR GRADING IMPROVEMENTS

PLACE 2' TALL CLEAR STONE CHECK DAM PRIOR TO CONSTRUCTION. REMOVE WHEN SITE GRADING IS COMPLETE AND CLEAN ANY ACCUMULATED SEDIMENT

1740 SQFT HEAVY DUTY RIPRAP PAD W/ HR FILTER FABRIC

PROPERTY LINE (TYP.)

CONCRETE SIDEWALK, CURB & GUTTER TO BE REMOVED AND REPLACED

INSTALL & MAINTAIN TEMPORARY RIGID FRAME INLET PROTECTION. REMOVE WHEN CONSTRUCTION IS COMPLETE

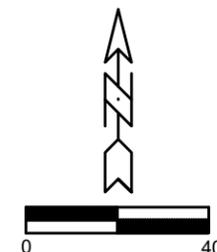
GRIND REMOVE & REPLACE EXISTING ASPHALT FOR CULVERT REPLACEMENT

CONCRETE SIDEWALK, CURB & GUTTER TO BE REMOVED AND REPLACED

INSTALL & MAINTAIN STONE CONSTRUCTION ENTRANCE. IF CONSTRUCTION SITE IS ACCESS IS NEEDED FROM ORCHARD DRIVE AFTER CULVERT CONSTRUCTION. PER S.D.D. 1.07

INSTALL & MAINTAIN TEMPORARY RIGID FRAME INLET PROTECTION IN EXISTING STREET INLETS. ONCE EX INLETS ARE REPLACED RELOCATE TO PROPOSED INLET. REMOVE WHEN CONSTRUCTION IS COMPLETE

GENERAL NOTE:  
GLACIER ERRATICS AND STONES LARGER THAN 8 INCHES FOUND WITHIN GRADING LIMITS SHALL NOT BE BURIED, THEY SHALL BE REMOVED AND RELOCATED AROUND SITE. COORDINATE LOCATION WITH CITY LANDSCAPE ARCHITECT



DATE	BY
REVISION	
Designed By: GVP	Date: 5/24/2023 11:22 AM
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14412	GP2

14412 ORCHARD DRIVE 9333 CONTRACT NO. 14412

GRADING AND EROSION CONTROL PLAN - SOUTH AREA  
ROBIN GREENWAY IMPROVEMENTS

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CITY OF MADISON WISCONSIN

14412  
GP2



# STORM SEWER SCHEDULE

ROBIN GREENWAY IMPROVEMENTS	SHEET NO.
PROJECT NO. 14412	1 of 1
STORM SEWER SCHEDULE	CITY OF MADISON

## PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	LOCATION (NORTHING)	LOCATION (EASTING)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-1	12+83.22	28.72'	478005.30	802203.96	4x6' BOX WINGWALL, 15 DEG ANGLE	-	924.00		W/Gate & Concrete Splash Pad(1)(2)
S-2	12+25.51	-0.21'	477979.84	802147.75	Bend In Box	-	925.4		Incidental to P-1
S-3	10+35.32	-0.40'	477948.60	801960.16	Bend In Box	-	929.71		Incidental to P-2
S-4	NA	NA	477892.42	801888.54	4x6' BOX WINGWALL, 15 DEG ANGLE	-	931.77		W/Gate & Concrete Splash Pad(1)(3)
S-6	NA	NA	477923.00	801907.29	3x3' STORM SAS	938.76	933	5.76	W/R-1878-A10G (4)
S-7	10+39.58	3.06'	477946.39	801965.19	36" RCP CONNECTION TO 4'X6' BOX	-	930.1		Incidental to P-2
S-8	10+30.22	22.61'	477925.06	801961.36	TERRACE INLET TYPE 1	938.15 (TC)	931.64	6.51	2' Curb Radius (5)(6)(7)
S-9	15+86.86	-18.25'	478308.29	802203.84	24" RCP APRON ENDWALL	923.42			
S-10	15+69.95	19.12'	478276.74	802229.62	24" RCP APRON ENDWALL	923.72			
S-11	15+91.15	-18.68'	478312.93	802206.50	24" RCP APRON ENDWALL	923.42			
S-12	15+77.09	19.77'	478281.38	802232.28	24" RCP APRON ENDWALL	923.72			
S-13	15+95.40	-19.41'	478317.58	802209.16	24" RCP APRON ENDWALL	923.42			
S-14	15+84.33	19.92'	478286.03	802234.94	24" RCP APRON ENDWALL	923.72			
S-15	NA	NA	477916.47	801914.33	12" CONNECTION TO 4'X6' BOX	933.68			

## SPECIFIC NOTES:

- SEE S.D.D. 5.5.1, 5.5.1A & B
- SEE S.D.D. 5.6.3
- SEE S.D.D. 5.6.2
- CONNECT TO EX 12" RCP, CONNECTION PAID AS INCIDENTAL TO S-6
- CONNECT TO EX 24" RCP, CONNECTION PAID AS INCIDENTAL TO S-8
- SEE S.D.D. 5.7.12
- CASTING SHALL BE SET 0.2' BELOW TOP OF CURB

## STANDARD NOTES:

-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.

- 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

- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.

- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS'S.

## PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) PIPE LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-1	S-1	S-2	924.00	925.40	62	62	2.27%	6'X4'	RCP BOX	-
P-2	S-2	S-3	925.40	929.71	190	190	2.27%	6'X4'	RCP BOX	-
P-3	S-3	S-4	929.71	931.77	91	91	2.26%	6'X4'	RCP BOX	-
P-4	S-15	S-6	931.95	933.00	13	8	10.94%	12" RCP	TYPE 1	-
P-5	S-7	S-8	930.10	931.64	25	20	7.11%	36" RCP	TYPE 1	-
P-6	S-9	S-10	921.00	921.30	41	41	0.74%	24" RCP	TYPE 1	-
P-7	S-11	S-12	921.00	921.30	41	41	0.74%	24" RCP	TYPE 1	-
P-8	S-13	S-14	921.00	921.30	41	41	0.74%	24" RCP	TYPE 1	-

## EXISTING STORM STRUCTURE REMOVALS

STRUC. NO.	LOCATION (NORTHING)	LOCATION (EASTING)	TYPE	LENGTH (FT)	NOTES
RS-1	477902.13	801900.18	CONCRETE HEADWALL	NA	REMOVAL PAID UNDER BID ITEM 90009
RS-2	477946.00	801974.40	CONCRETE HEADWALL	NA	REMOVAL PAID UNDER BID ITEM 90009
RS-3	477928.99	801956.57	STREET INLET	NA	REMOVAL PAID FOR UNDER PIPE REMOVAL
RS-4	477925.28	801956.58	STREET INLET	NA	REMOVAL PAID FOR UNDER PIPE REMOVAL

## STORM PIPE REMOVALS

PIPE REMOV.	REMOVE FRC	LENGTH (FT)	SIZE	TYPE
RP-1	END OF PIPE	89	36"	CMP
RP-2	END OF PIPE	88	36"	CMP
RP-3	END OF PIPE	20	12"	RCP
RP-4	END OF PIPE	6	15"	RCP

- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.

- SURVEY OR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

- 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 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 GRANT

POKOS OF CITY ENGINEERING AT GPOKOS@CITYOFMADISON.COM FOR PRECAST APPROVALS AND TO SEND SHOP DRAWINGS

14412

ORCHARD DRIVE

9333

CONTRACT NO.:

STORM SEWER SCHEDULE

ROBIN GREENWAY IMPROVEMENTS

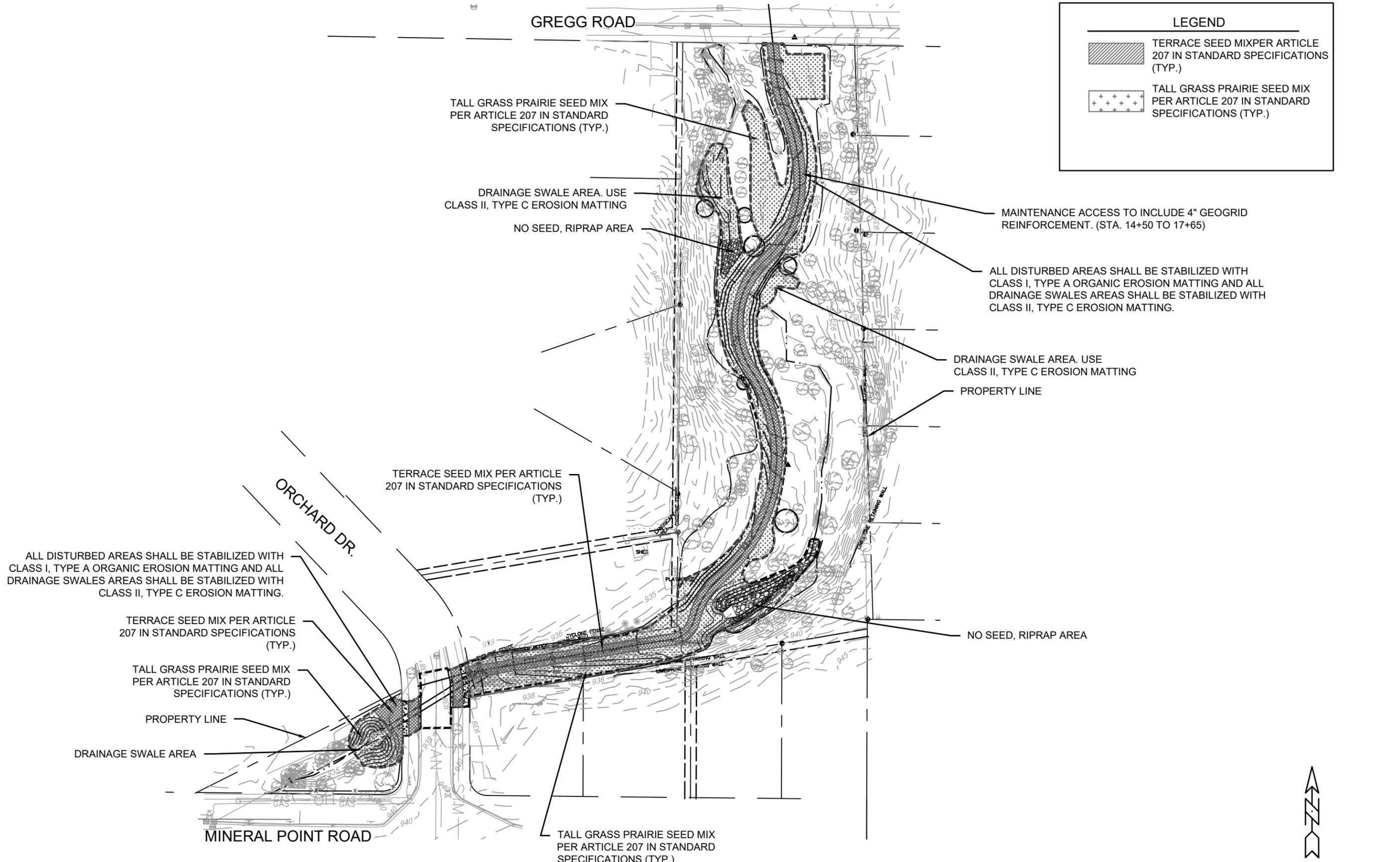
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14412

U2

MARK	REVISION	DATE	BY
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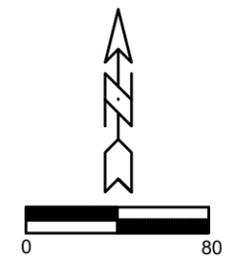


**LEGEND**

- TERRACE SEED MIX PER ARTICLE 207 IN STANDARD SPECIFICATIONS (TYP.)
- TALL GRASS PRAIRIE SEED MIX PER ARTICLE 207 IN STANDARD SPECIFICATIONS (TYP.)

ALL DISTURBED AREAS SHALL BE STABILIZED WITH CLASS I, TYPE A ORGANIC EROSION MATTING AND ALL DRAINAGE SWALES AREAS SHALL BE STABILIZED WITH CLASS II, TYPE C EROSION MATTING.

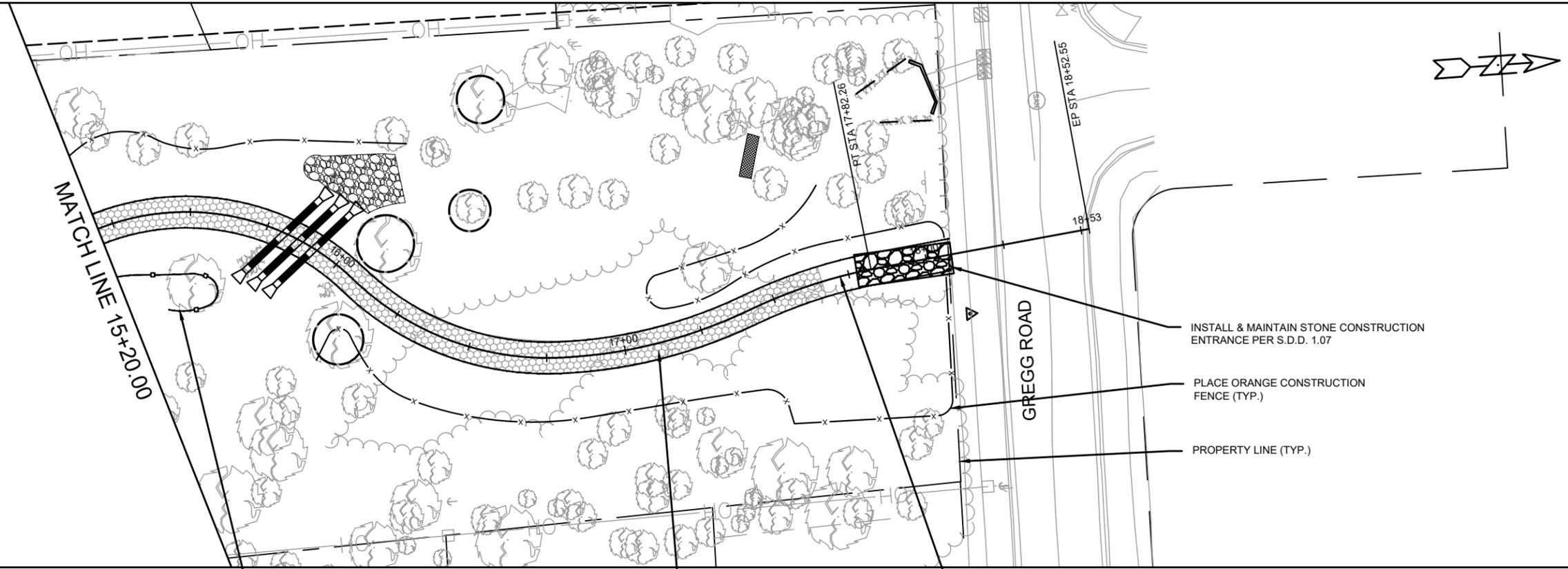
ALL DISTURBED AREAS SHALL BE STABILIZED WITH CLASS I, TYPE A ORGANIC EROSION MATTING AND ALL DRAINAGE SWALES AREAS SHALL BE STABILIZED WITH CLASS II, TYPE C EROSION MATTING.



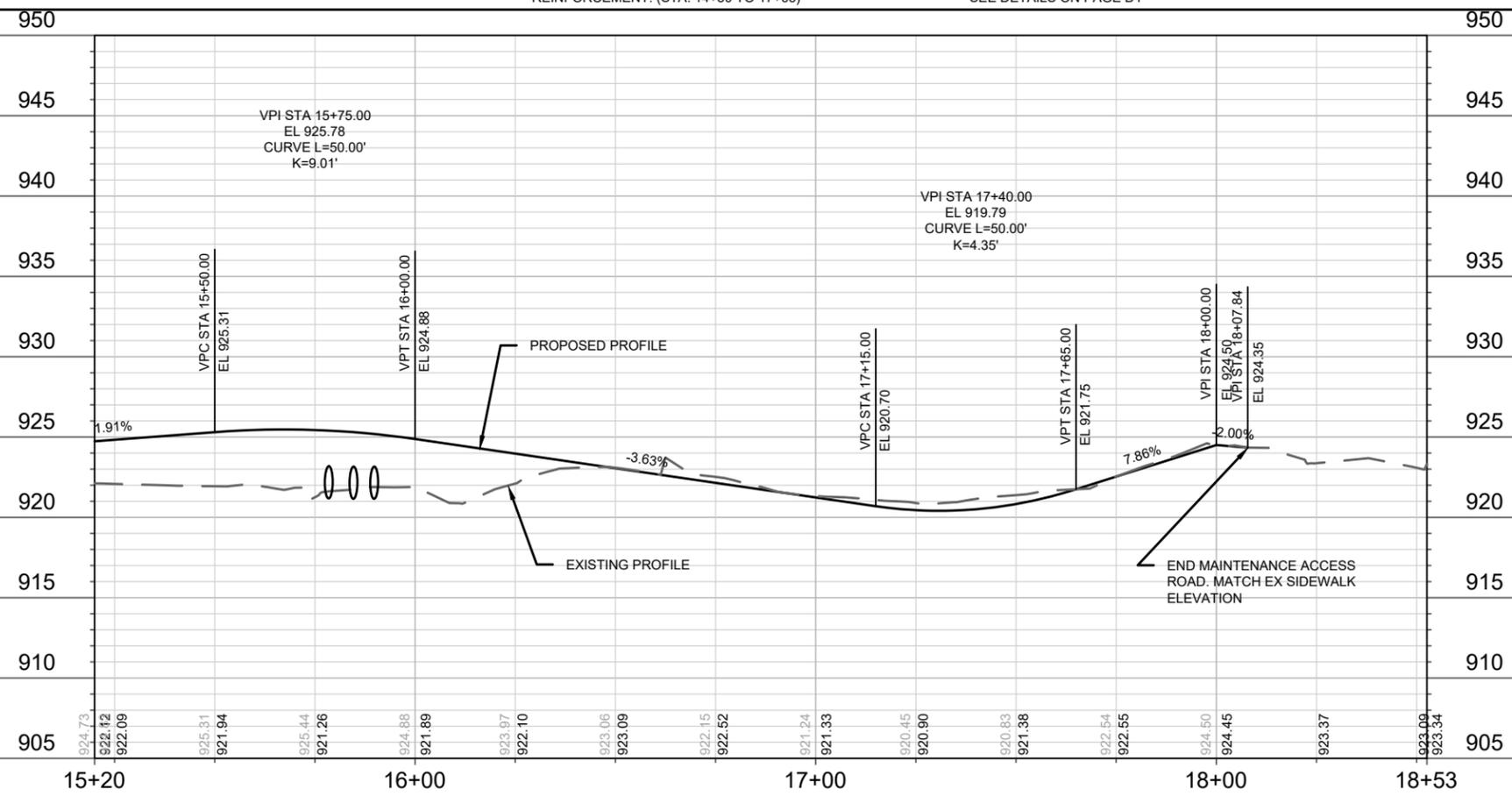
14412	ORCHARD DRIVE	9333	VP
VEGETATION PLAN		CONTRACT NO.:	
ROBIN GREENWAY IMPROVEMENTS			
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14412			
VP1			







- INSTALL & MAINTAIN STONE CONSTRUCTION ENTRANCE PER S.D.D. 1.07
- PLACE ORANGE CONSTRUCTION FENCE (TYP.)
- PROPERTY LINE (TYP.)



HATCHED AREA ON MAINTENANCE ACCESS REPRESENTS AREA TO INCLUDE GEOGRID REINFORCEMENT. (STA. 14+50 TO 17+65)

POST CONSTRUCTION MAINTENANCE ACCESS ALIGNMENT CENTERLINE. SEE DETAILS ON PAGE D1

MARK	REVISION	DATE	BY
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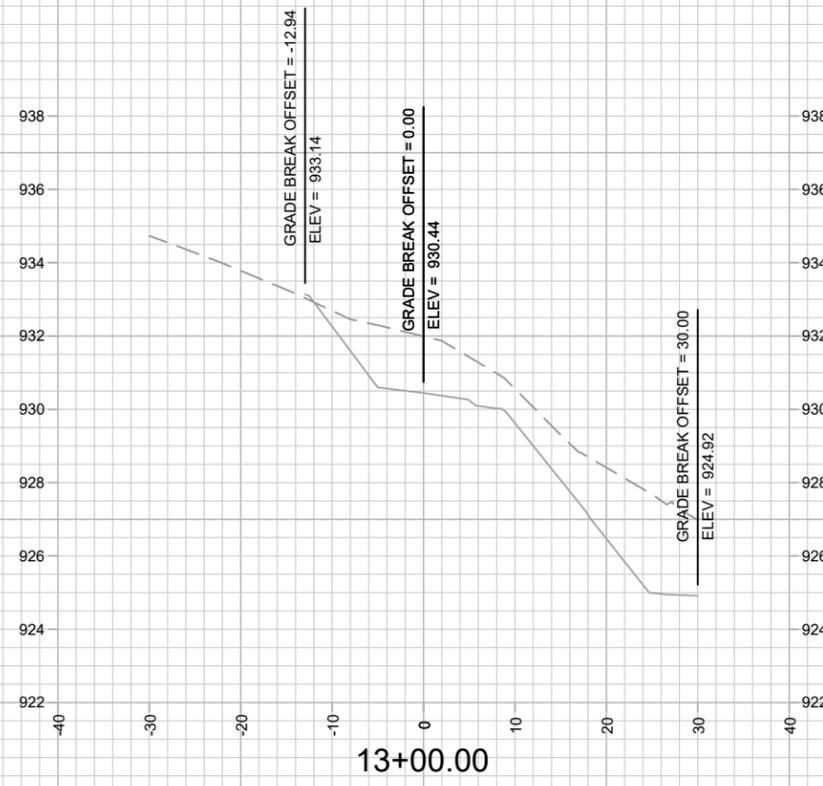
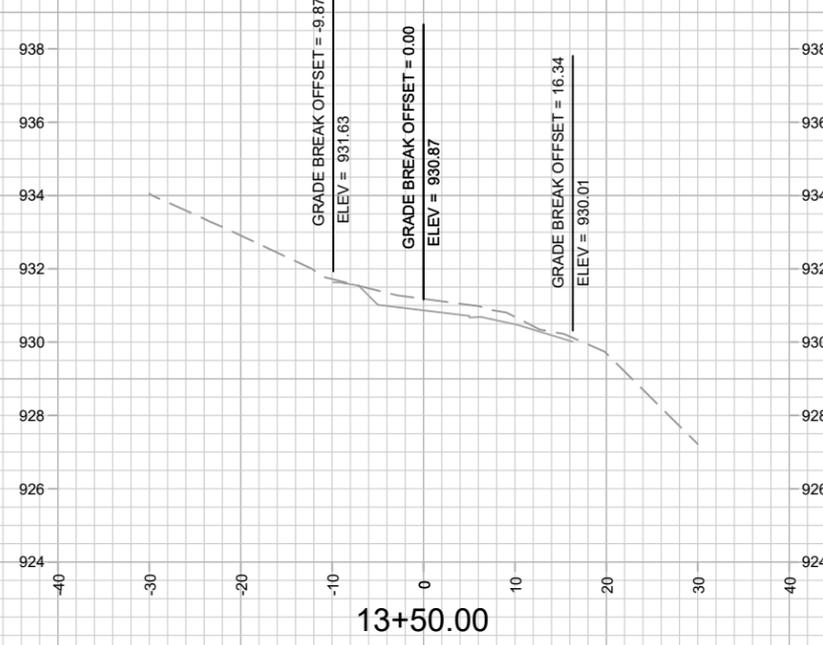
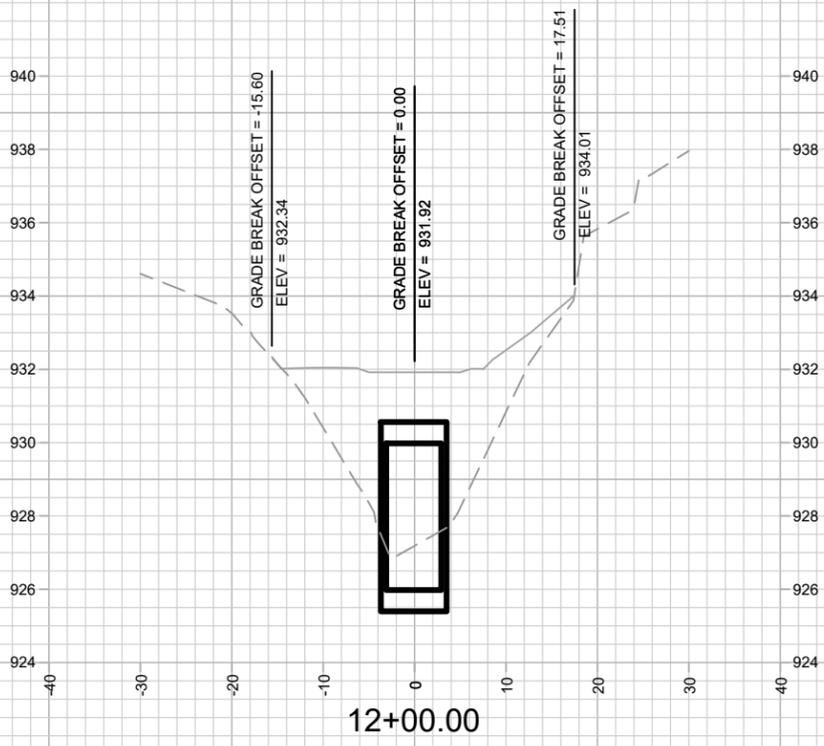
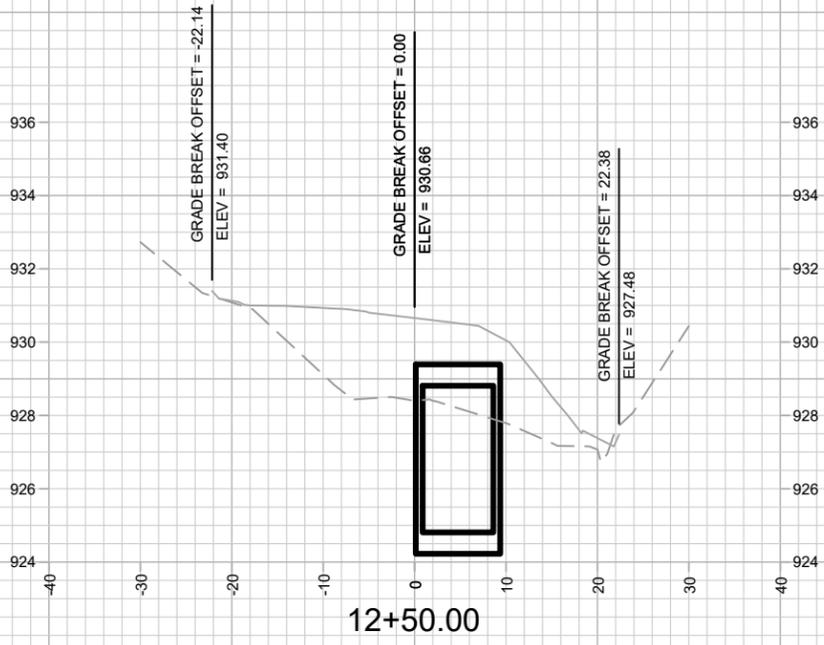
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Scale: 1" = 40'

14412  
ORCHARD DRIVE  
9333  
CONTRACT NO:

ROBIN GREENWAY MAINTENANCE ACCESS PLAN & PROFILE  
ROBIN GREENWAY IMPROVEMENTS  
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14412  
P2





14412  
X2

MAINTENANCE ACCESS CROSS SECTIONS  
ORCHARD DRIVE

14412  
ORCHARD DRIVE  
9333  
CONTRACT NO:

MARK	REVISION	DATE	BY
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14412  
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