

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

SAUK CREEK SANITARY ACCESS ROAD - PHASE 2

CITY PROJECT NO. 53W1116
CONTRACT NO. 6935

PUBLIC IMPROVEMENT PROJECT APPROVED
AUGUST 7, 2012
BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

[Signature] 8/10/12
City Engineer Date

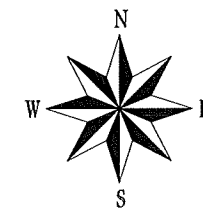
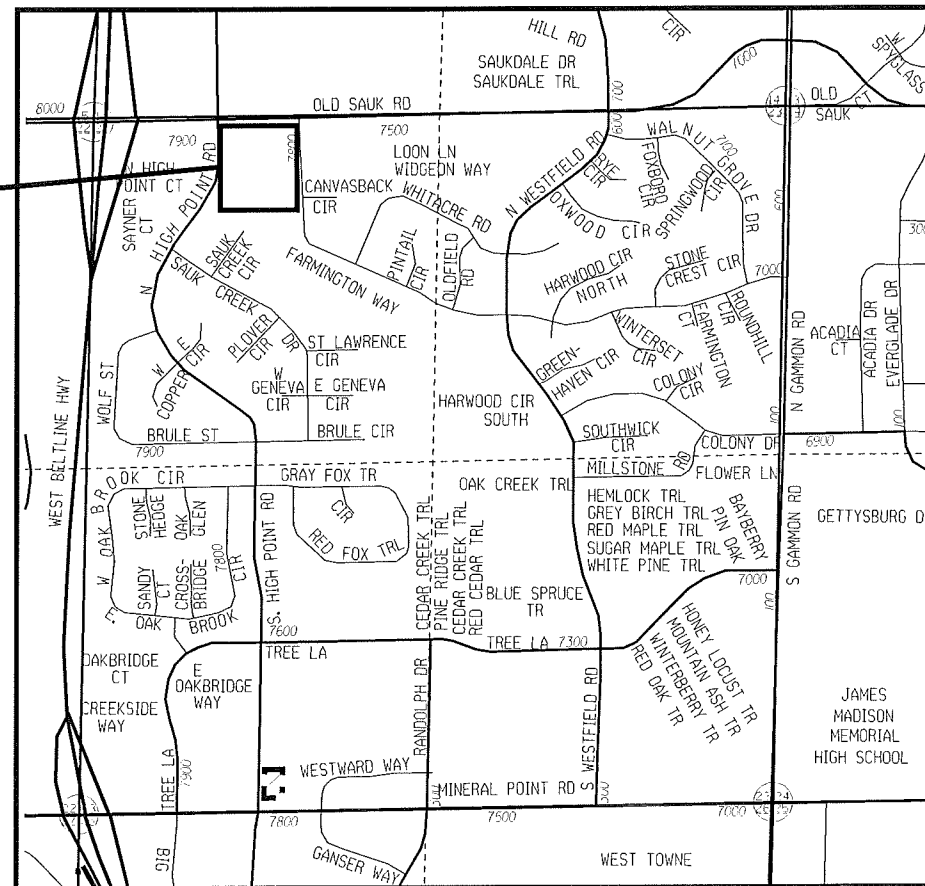
APPROVED BY:

[Signature]
GREGORY
FRIS
30656
MADISON
WI
PROFESSIONAL ENGINEER
8/9/12

INDEX OF SHEETS

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SHEET NO. EC1	DETAILS
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SHEET NO. P3	CROSS SECTION SHEETS
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**PROJECT
LOCATION**

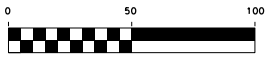
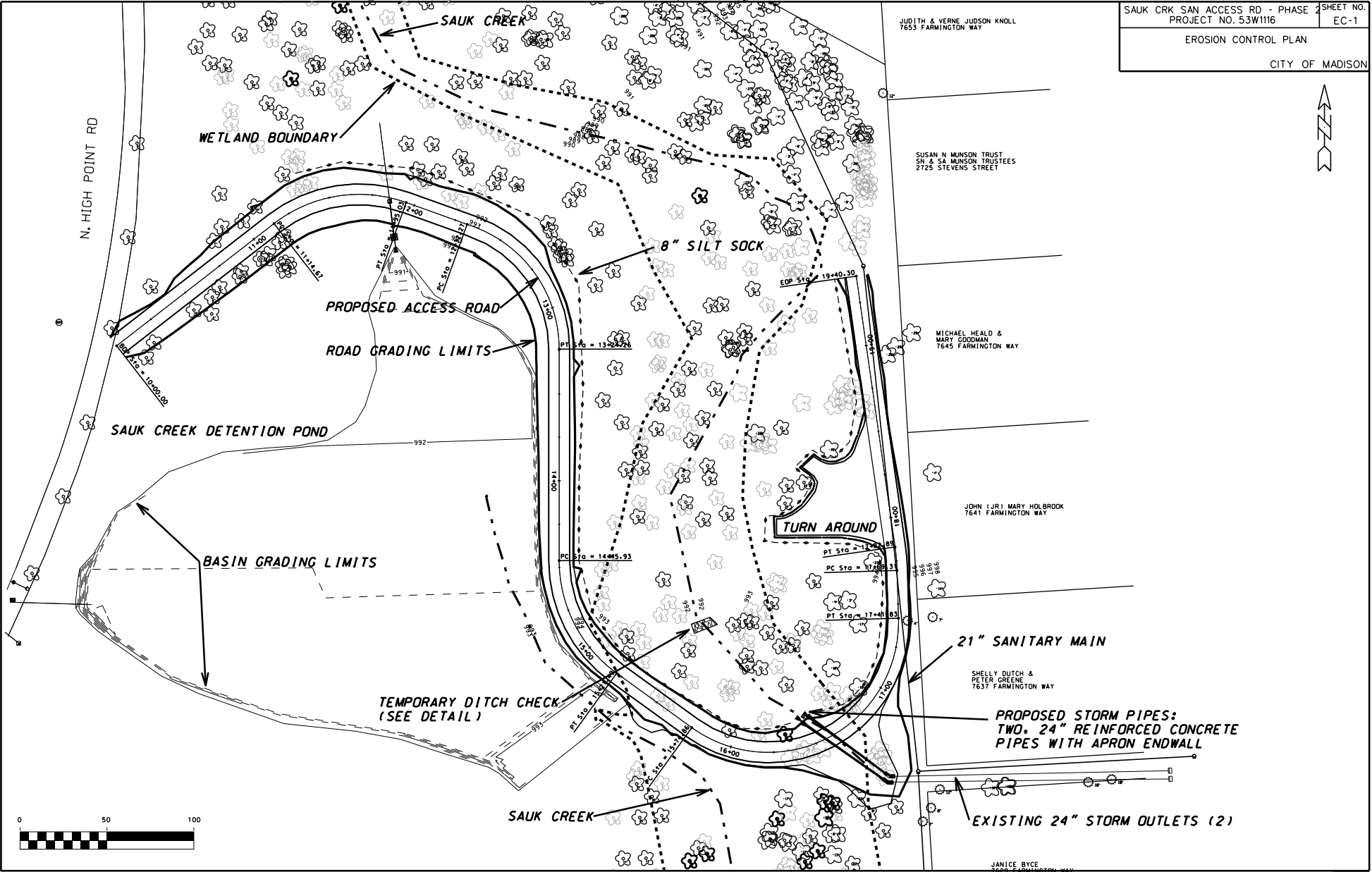


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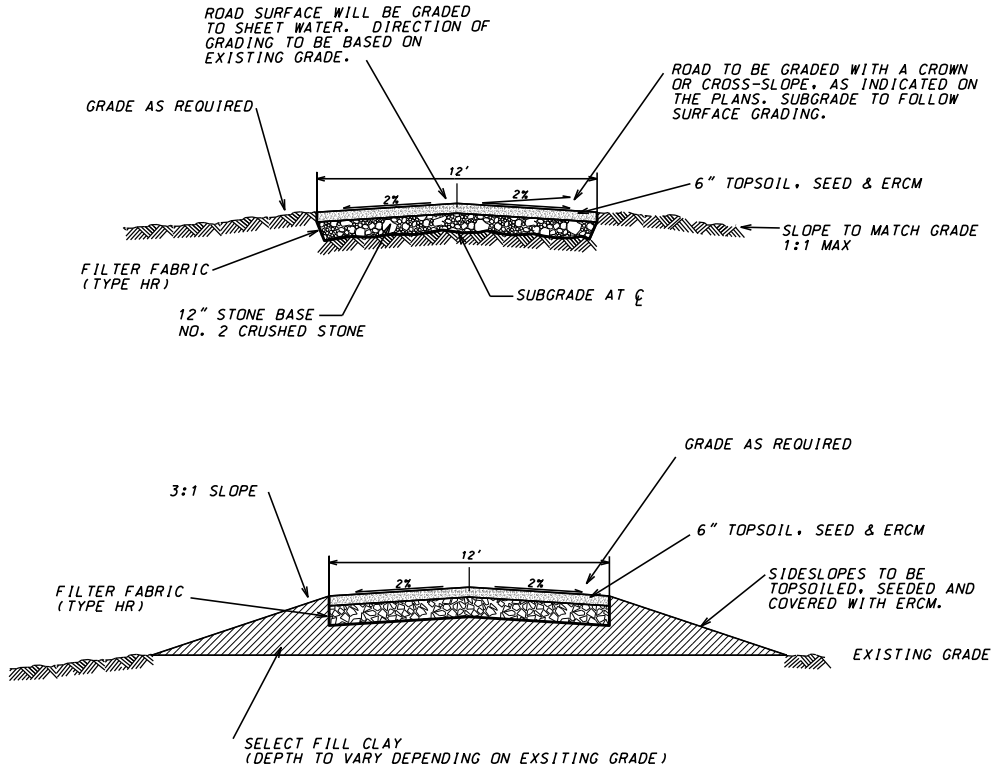
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ACCESS ROAD TYPICAL SECTIONS



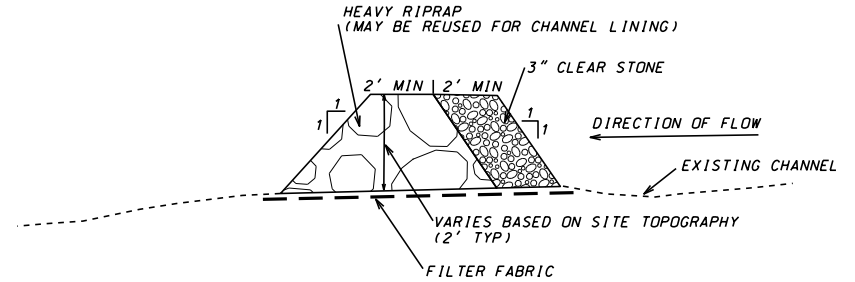
NOTES:

SUBGRADE SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS OR SPECIAL PROVISIONS

CONTRACTOR SHALL REMOVE EXISITNG BERM TO ACCOMMODATE NEW BERM CONSTRUCTED OF SELECT CLAY FILL

ALL DISTURBED AREAS SHALL BE GRADED TO MATCH EXISTING OR DESIGN CONDITIONS, AND SHALL BE SEEDED AND PROTECTED WITH EROSION CONTROL MATTING (CLASS I, URBAN TYPE A - ORGANIC).

TEMPORARY DITCH CHECK DETAIL



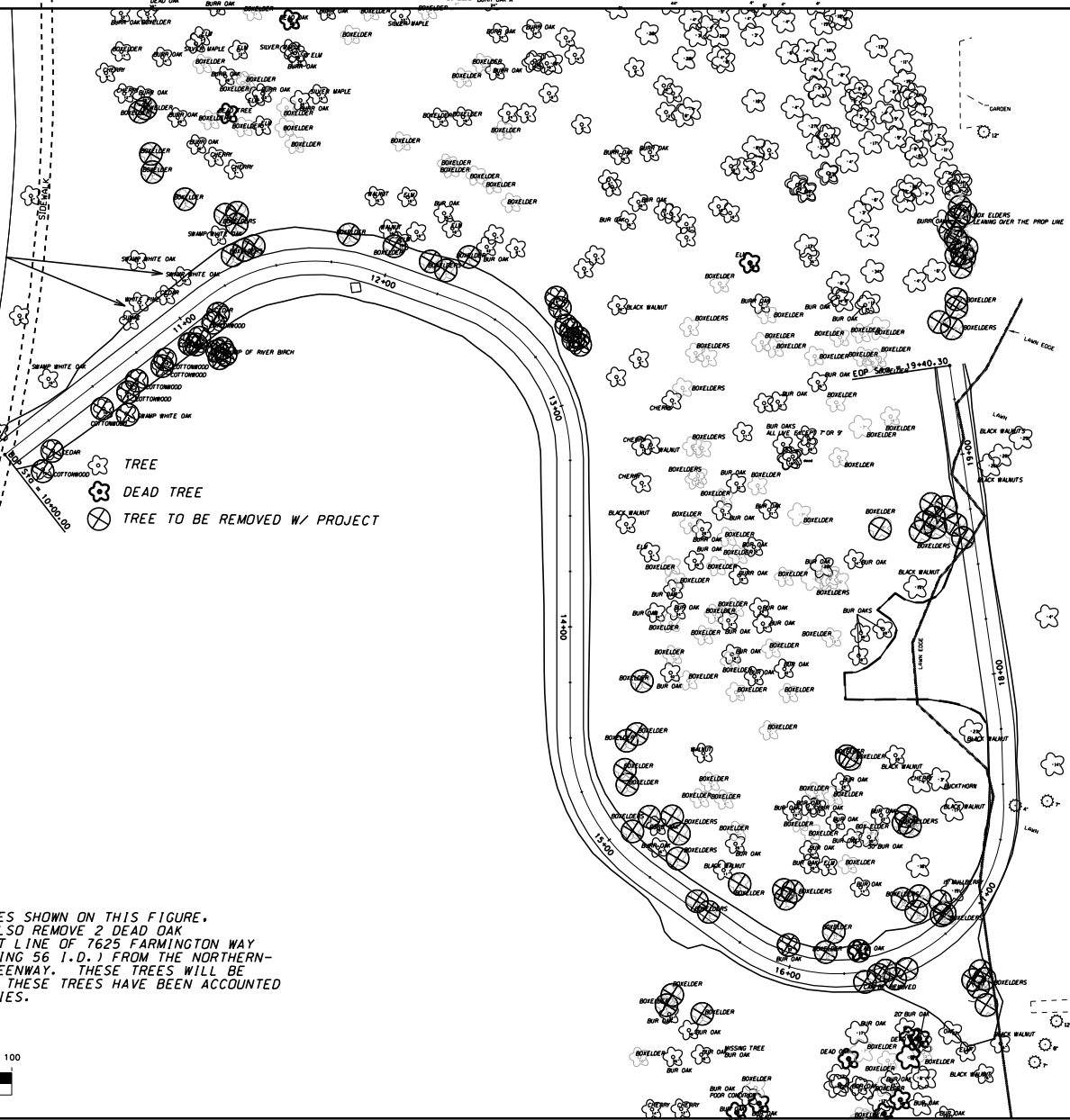
NOTES:

A TEMPORARY DITCH CHECK WILL BE INSTALLED DOWNSTREAM OF THE STORM OUTLET EXTENSION. THE DITCH CHECK WILL BE COMPLETELY REMOVED IMMEDIATELY AFTER THE NEW APRON ENDWALLS ARE STABILIZED.

NOT TO SCALE

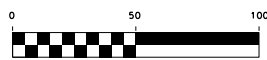
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CONTRACTOR SHALL ATTEMPT TO SAVE TREES



- TREE
- DEAD TREE
- TREE TO BE REMOVED W/ PROJECT

NOTE:
 IN ADDITION TO THE TREES SHOWN ON THIS FIGURE,
 THE CONTRACTOR SHALL ALSO REMOVE 2 DEAD OAK
 TREES FROM THE REAR LOT LINE OF 7625 FARMINGTON WAY
 AND 9 BOXELDERS (TOTALING 56 I.D.) FROM THE NORTHERN-
 MOST SECTION OF THE GREENWAY. THESE TREES WILL BE
 FLAGGED IN THE FIELD. THESE TREES HAVE BEEN ACCOUNTED
 FOR IN THE BID QUANTITIES.

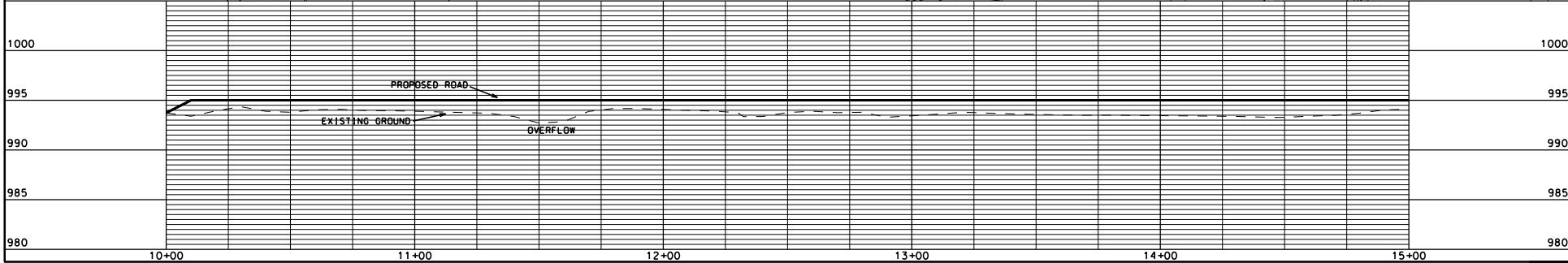
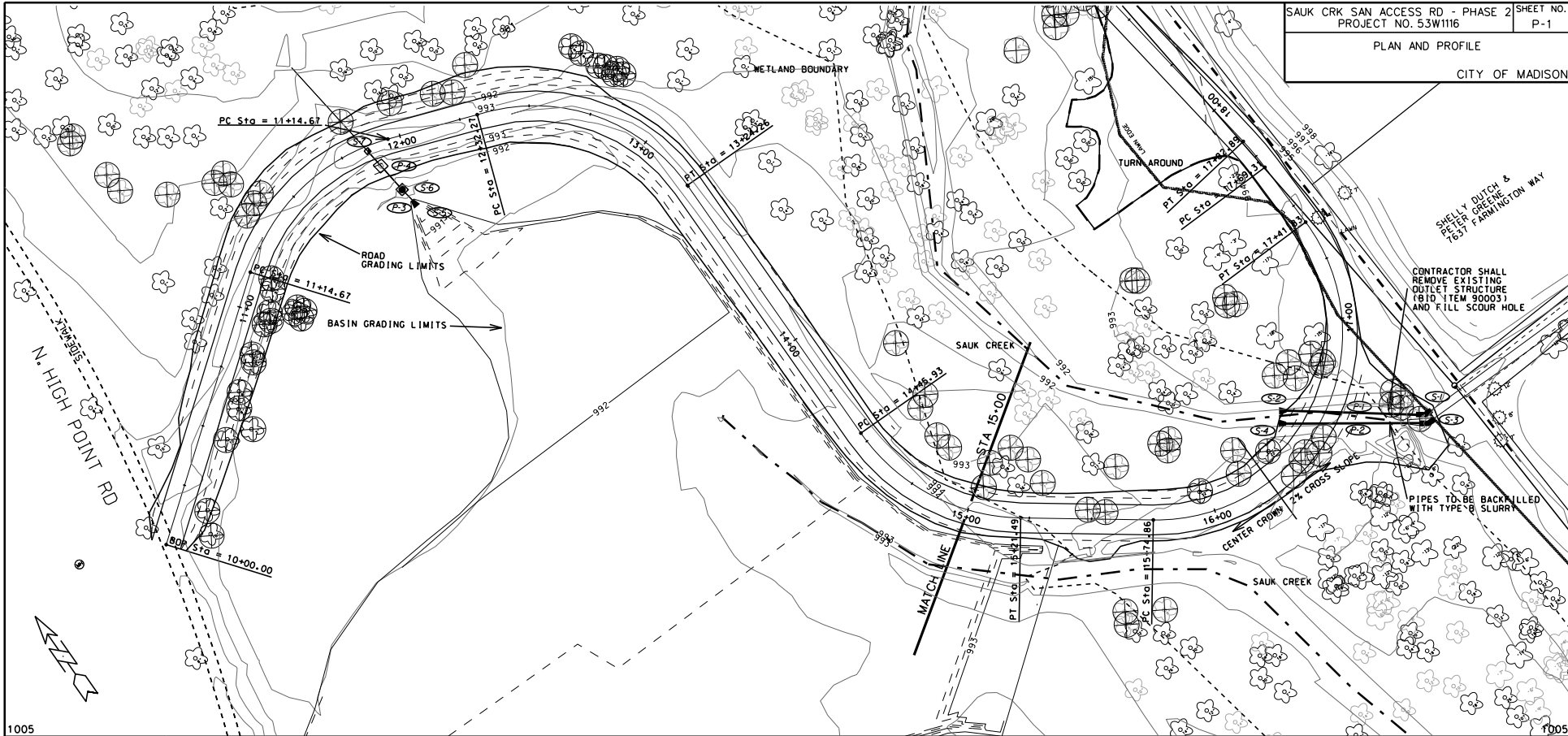


ORIGINATOR: CITY OF MADISON, STREETS DIVISION



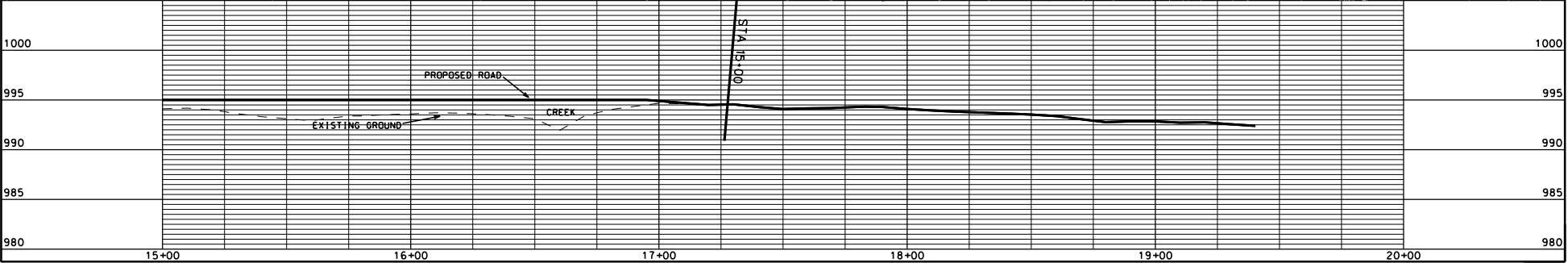
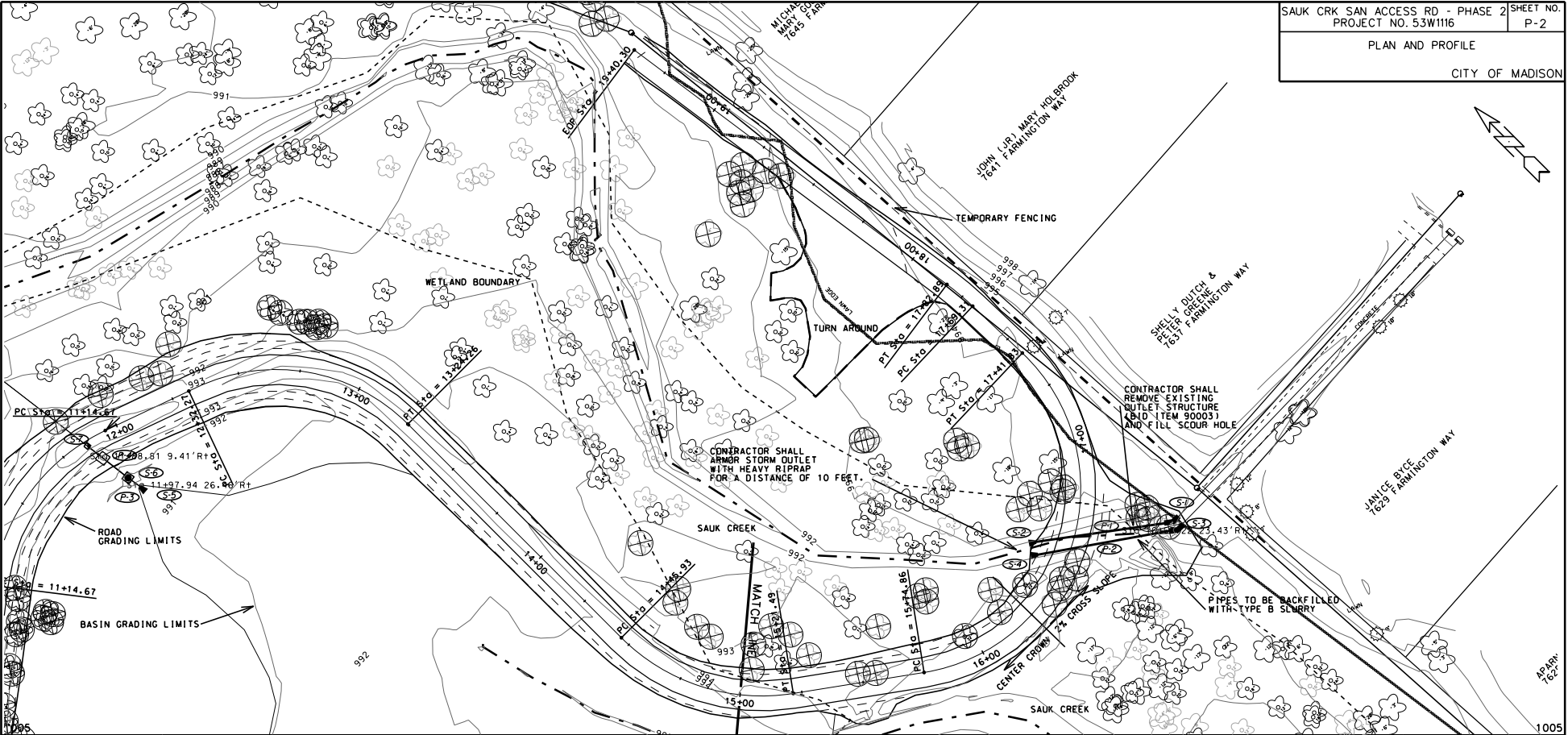
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ORIGINATOR: CITY OF MADISON, SEWER DIVISION



PLOT SCALE: _____
 PLOT NAME: _____
 REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

STORM SEWER SCHEDULE

SAUK CRK SAN ACCESS RD - PHASE 2	SHEET NO. P-3
PROJECT NO. 53W1116 STORM SEWER SCHEDULE CITY OF MADISON	

STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH NOTES
S-1	16+71.77	RT-38.01	45 DEG BEND	--	991.72	--
S-2	16+53.82	LT-13.87	24" APRON ENDWALL	--	991.57	--
S-3	16+69.94	RT-39.98	45 DEG BEND	--	991.66	--
S-4	16+48.64	LT-11.02	24" APRON ENDWALL	--	991.57	--
S-5	11+97.94	RT-26.46	12" APRON ENDWALL	--	991.58	--
S-6	11+95.21	RT-21.11	3X3 SAS	992.25	990.60	1.65 (1), (2), FP
S-7	11+85.60	RT-1.98	COLLAR	--	990.21	--

PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	DISCH. E.I.	INLET E.I.	SLOPE (%)	PIPE SIZE	TYPE	NOTES
P-1	S-1	S-2	58.5	991.57	991.72	0.26%	24"	RCP	
P-2	S-3	S-4	58.5	991.57	991.66	0.15%	24"	RCP	
P-3	S-5	S-6	6.0	990.80	990.80	0.00%	12"	RCP	
P-4	S-6	S-7	20.8	990.60	990.80	0.96%	14"x23"	HERCP	

STRUCTURE REMOVALS

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH NOTES
RS-1	16+67.22	RT-23.43	CONCRETE OUTLET STRU	--	--	BID ITEM 90005
RS-2	11+88.81	RT-9.41	3X3 SAS	992.20	990.90	1.30

PIPE REMOVALS

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	LGTH (FT)	PIPE SIZE	TYPE	PAID Y/N
RP-1	EX. OUTLET	S-1	15	24"	RCP	Y
RP-2	EX. OUTLET	S-2	15	24"	RCP	Y
RP-3	--	RS-2	10	14"X23"	HERCP	Y

SPECIFIC NOTES

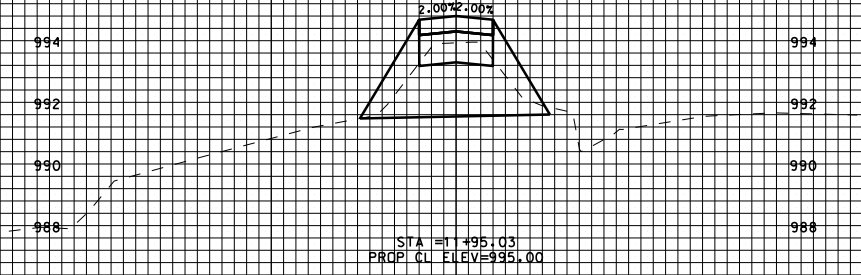
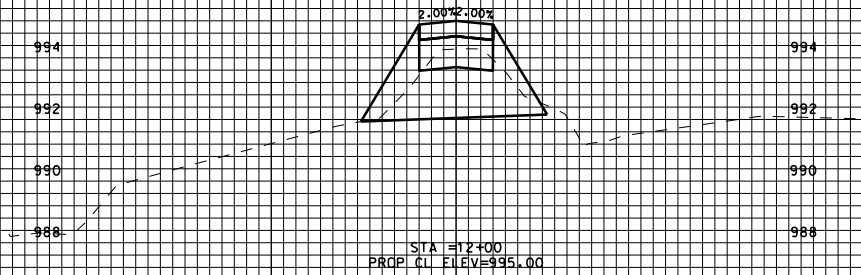
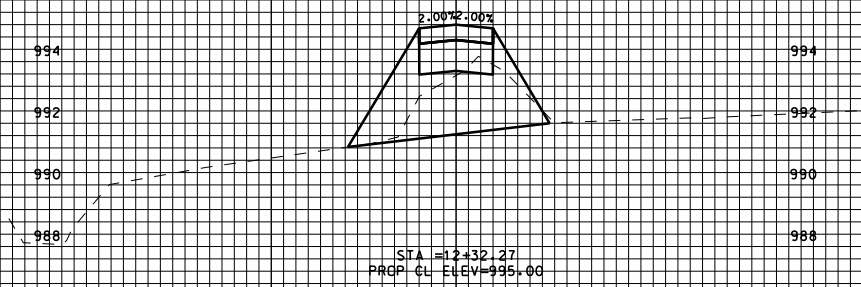
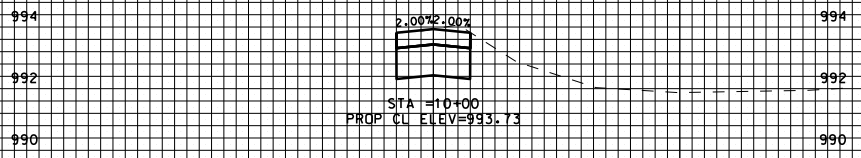
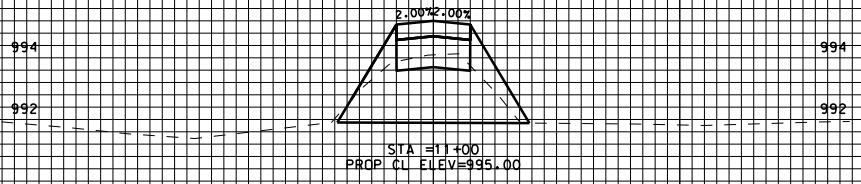
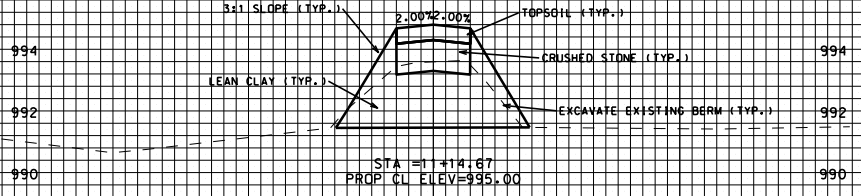
- (1) T.O.C. ELEVATION REFERENCES TOP OF CONCRETE STRUCTURE W/O PIPE GATE.
- (2) OUTLET STRUCTURE TO HAVE STANDARD-BASIN OUTLET PIPE GATE (S.D.D. 5.6.5)

STANDARD NOTES:

- 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
- 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.
- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.
- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.
- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.
- 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 SALLY SWENSON OF CITY ENGINEERING AT (608) 266-4862 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608)264-9275.

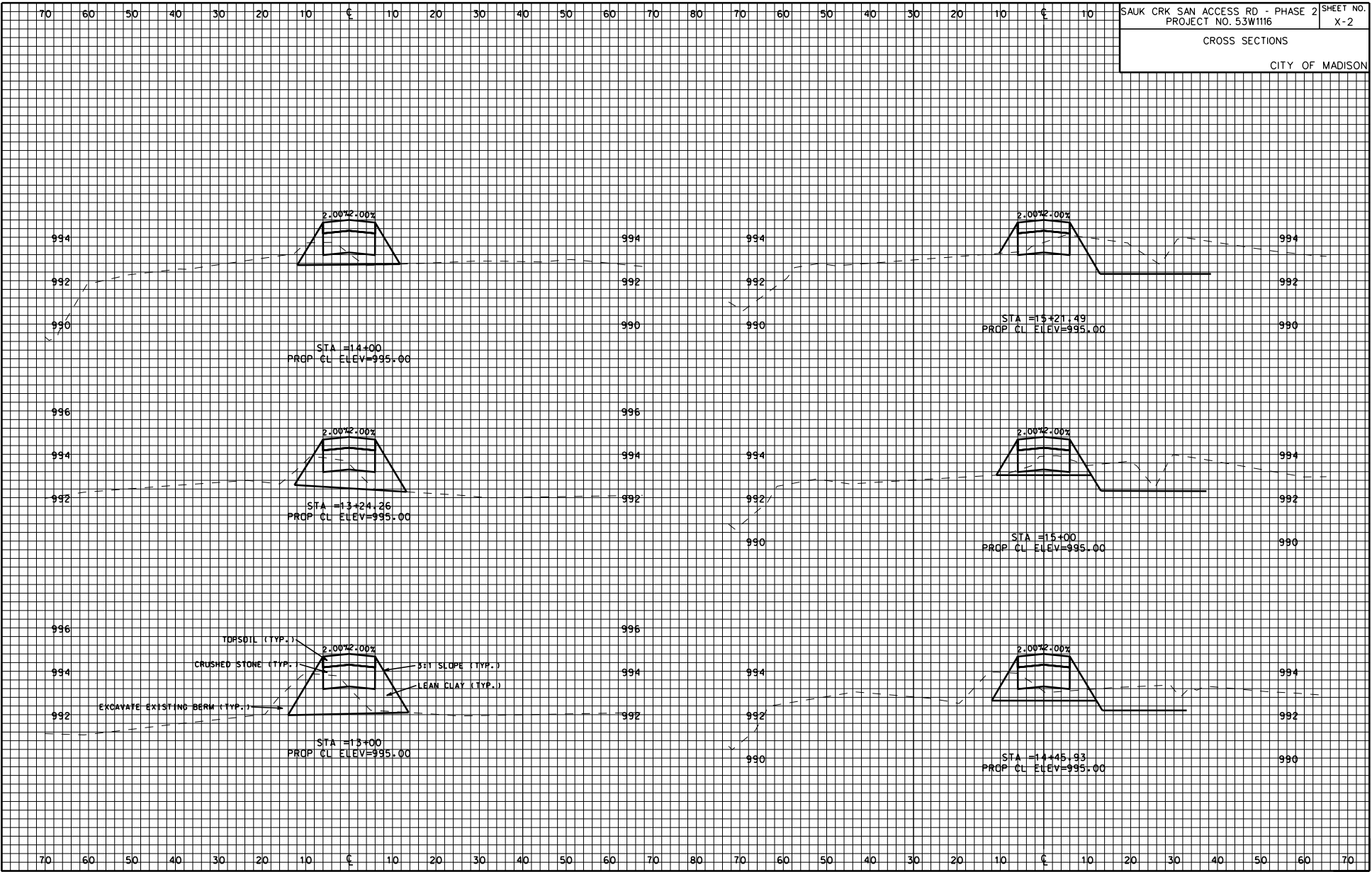
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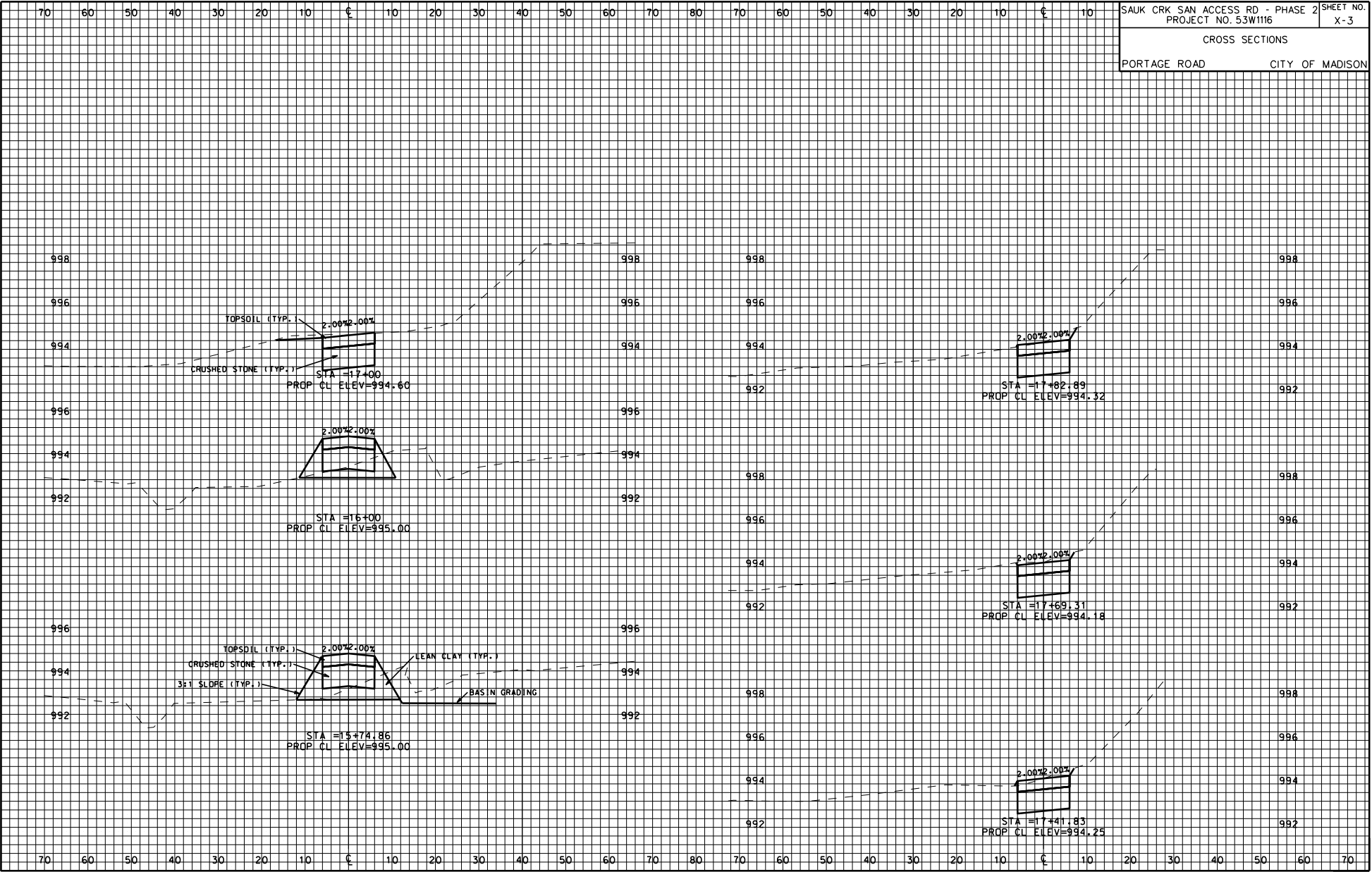
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