

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT NORTH ORCHARD ST AND SPRING ST RECONSTRUCTION ASSESSMENT DISTRICT-2012

CONVENTIONAL SIGNS

COMBUSTIBLE FLUIDS

UNDERGROUND UTILITIES

- GAS — G —
- ELECTRIC — E —
- TELEPHONE OR TELEGRAPH — T —
- STORM SEWER — ST —
- SANITARY SEWER — SAN —
- WATER — W —
- FIBER OPTICS TELEPHONE — FO —
- POWER POLE — □ —
- RAILROAD — [RAILROAD SYMBOL] —



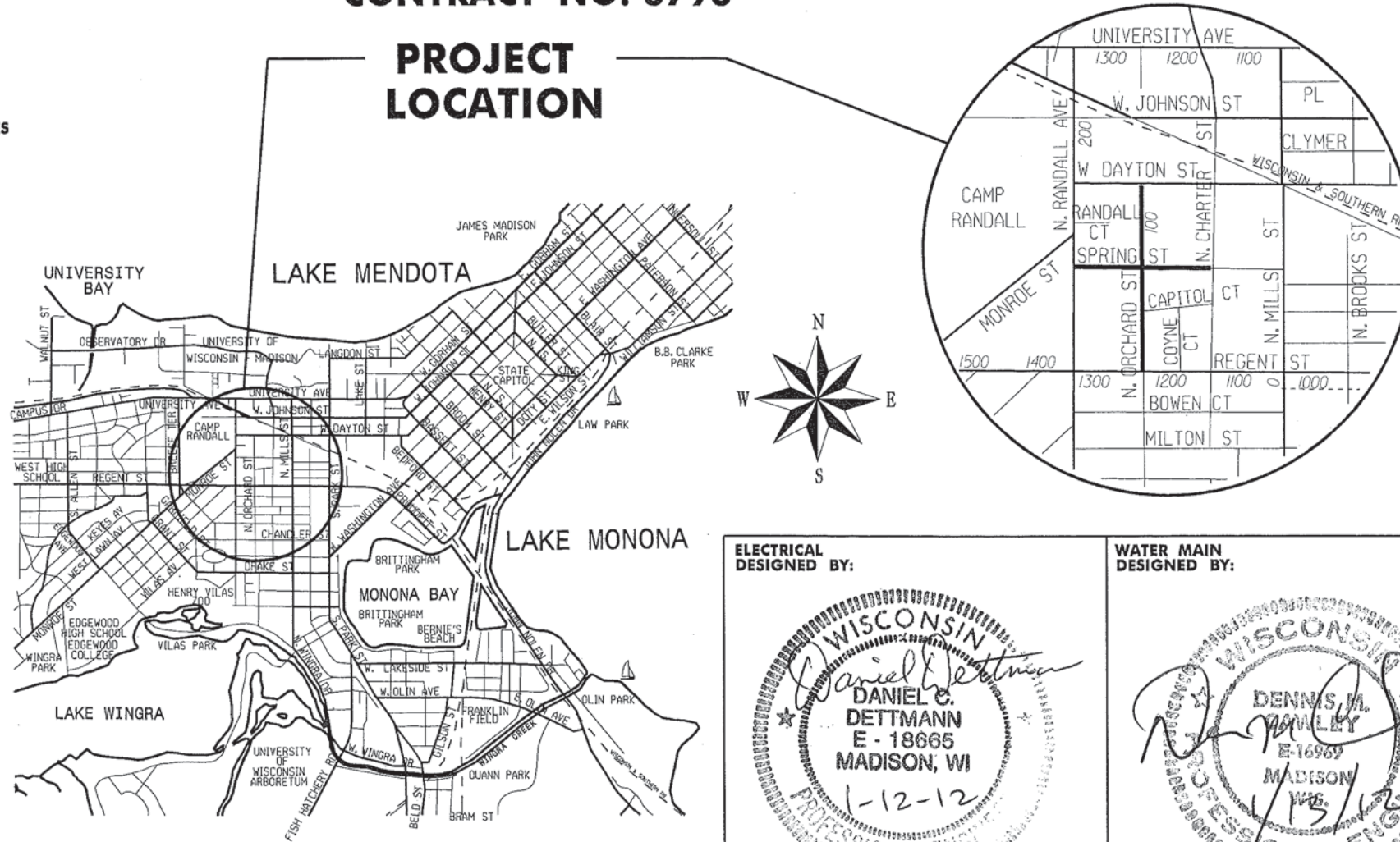
NOTES:

CURB THRU HANDICAP RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1" PER 12" FROM FLOWLINE TO BACK OF CURB.

SEE CROSS SECTION SHEETS FOR ADDITIONAL TOP OF CURB GRADES

CITY PROJECT NO. 53W0608
CONTRACT NO. 6793

PROJECT LOCATION



INDEX OF SHEETS

SHEET NO.	1	TITLE
SHEET NO.	D-1 - D-2	TYPICAL SECTIONS AND DETAILS
SHEET NO.	EC-1 - EC-6	EROSION CONTROL PLAN
SHEET NO.	P-1 - P-5	STREET PLAN AND PROFILE
SHEET NO.	U-1 - U-6	SEWER PLAN AND PROFILE
SHEET NO.	U-7 - U-8	STORM SEWER SCHEDULE
SHEET NO.	U-9	SANITARY SEWER SCHEDULE
SHEET NO.	W-1 - W-5	WATER PLAN AND PROFILE
SHEET NO.	W-6 - W-7	WATER IMPACT PLAN
SHEET NO.	W-8	WATER MATERIALS LIST
SHEET NO.	E-1 - E-3	ELECTRICAL PLAN
SHEET NO.	X-1 - X-11	CROSS SECTIONS

EARTH WORK SUMMARY

EXCAVATION CUT (MEAS. PLAN QUANTITY).....3183 CY
ESTIMATED UNDISTRIBUTED UNDERCUT..... 650 CY
TOTAL UNCLASSIFIED EXCAVATION CUT..... 3833 CY

PUBLIC IMPROVEMENT PROJECT APPROVED

DECEMBER 13, 2011

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

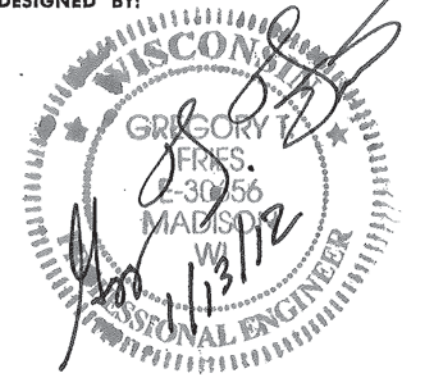
STREET DESIGN
APPROVED BY:

[Signature] 11/17/12
City Engineer Date

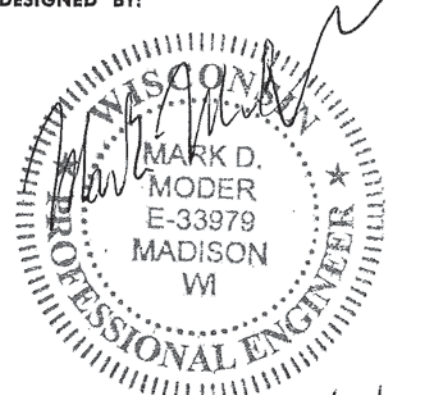
STREET GRADES
DESIGNED BY:



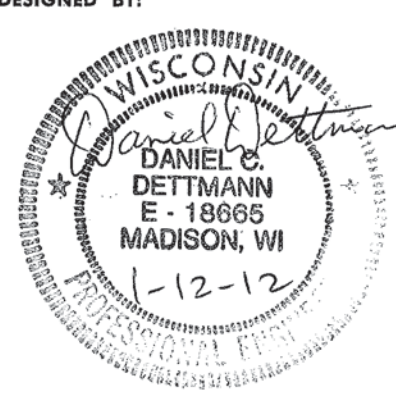
STORM SEWER
DESIGNED BY:



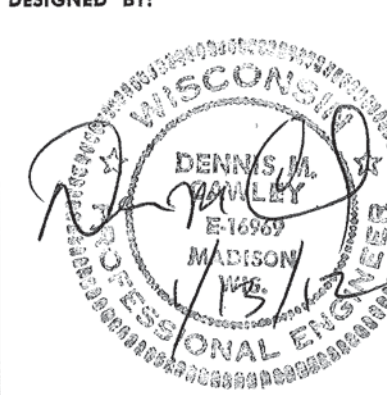
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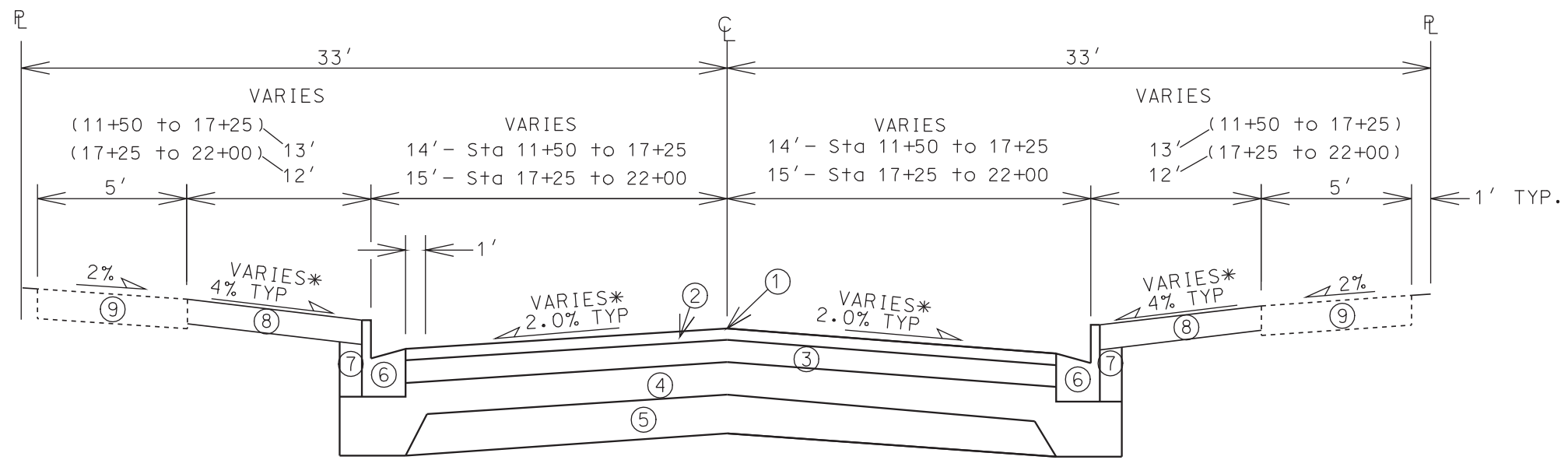


ELECTRICAL
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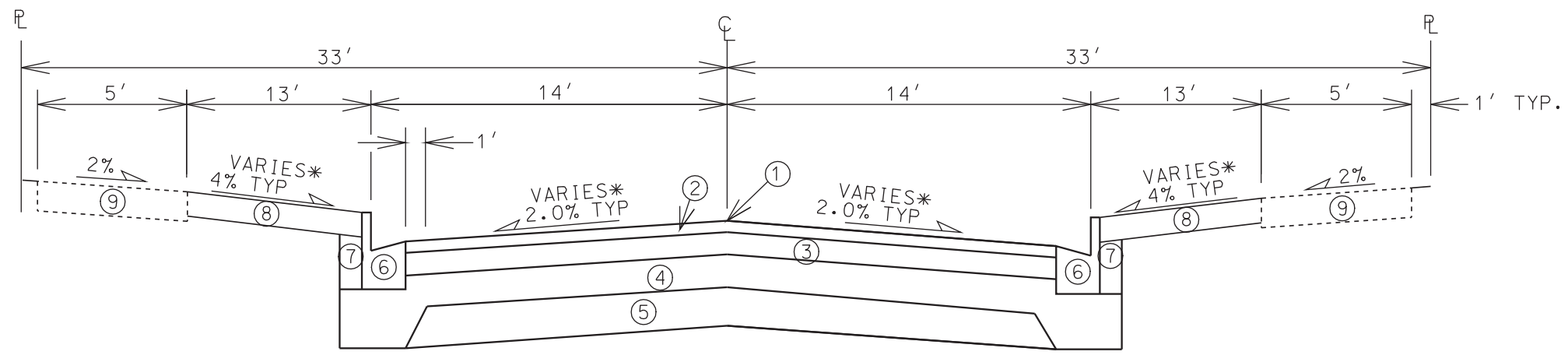


WATER MAIN
DESIGNED BY:





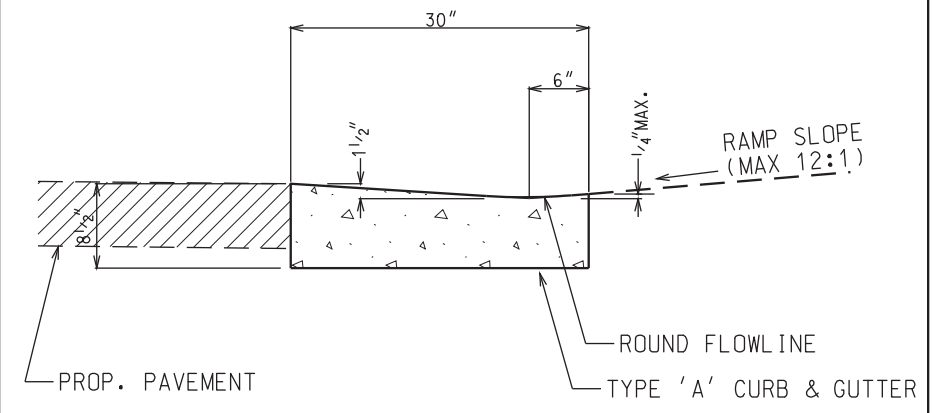
TYPICAL FINISHED SECTION
NORTH ORCHARD STREET
STA. 11+50 TO STA. 22+00
NOT TO SCALE



TYPICAL FINISHED SECTION
SPRING STREET
STA. 39+75 TO STA. 48+70
NOT TO SCALE

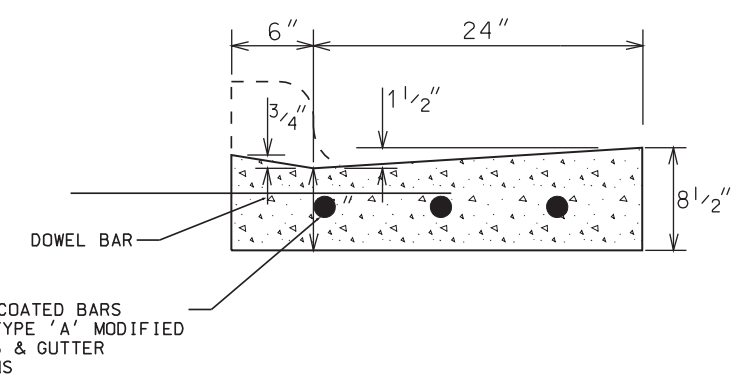
- ① POINT REFERRED TO ON PROFILE
- ② 2" BITUMINOUS UPPER LAYER, TYPE E-1
- ③ 2 1/4" BITUMINOUS LOWER LAYER, TYPE E-1
- ④ 4" GRADATION 2 CRUSHED STONE
- ⑤ 6" GRADATION 1 CRUSHED STONE
- ⑥ TYPE 'A' OR 'X' CONCRETE CURB & GUTTER
- ⑦ FILL
- ⑧ 4" TOPSOIL & SEED
- ⑨ 5" CONCRETE SIDEWALK, REPLACE AS NOTED IN PLAN

* SEE CROSS SECTION SHEETS FOR CROSS SLOPES AND TOP OF CURB ELEVATIONS.



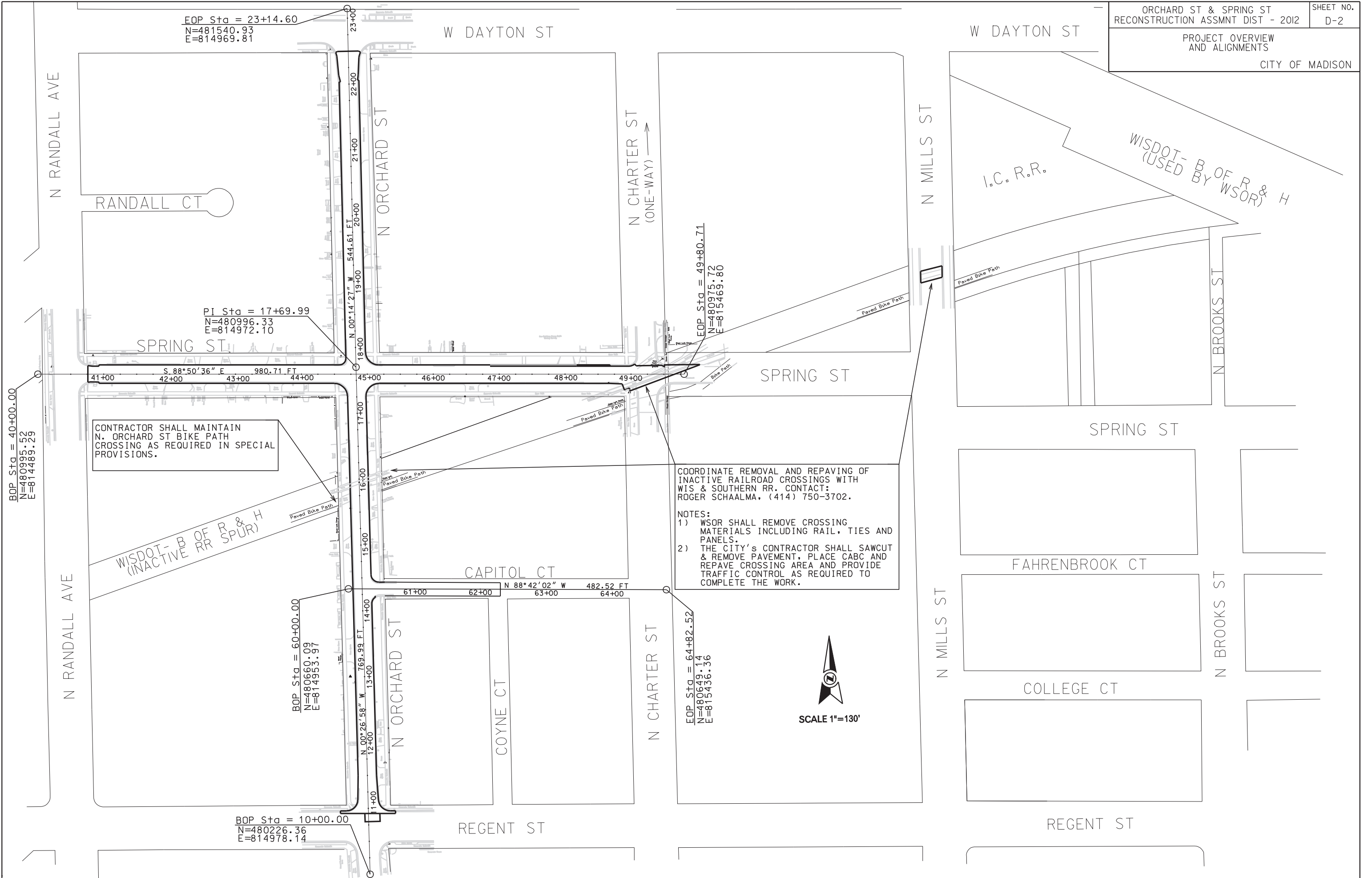
BIKE PATH CURB CUT DETAIL

- NOTES:
1. CURB RAMP DETECTABLE WARNING FIELDS REQUIRED WHERE PATH RAMP ENTERS A STREET.
 2. FOR ANGLES LESS THAN 75° OR GREATER THAN 105° FLARE DIMENSIONS SHALL BE AS SHOWN ON THE PLANS OR SHALL BE REVIEWED BY THE CONSTRUCTION ENGINEER PRIOR TO CONSTRUCTION.
 3. THE DETECTABLE WARNING SURFACE SHALL BE LOCATED SO THAT THE EDGE NEAREST THE CURB LINE IS 6 INCHES MINIMUM AND 8 INCHES MAXIMUM FROM THE CURB LINE



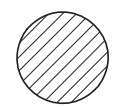
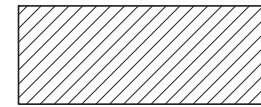

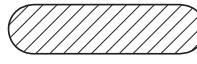

DRIVEWAY SECTION TYPE 'A' MODIFIED CONCRETE CURB & GUTTER

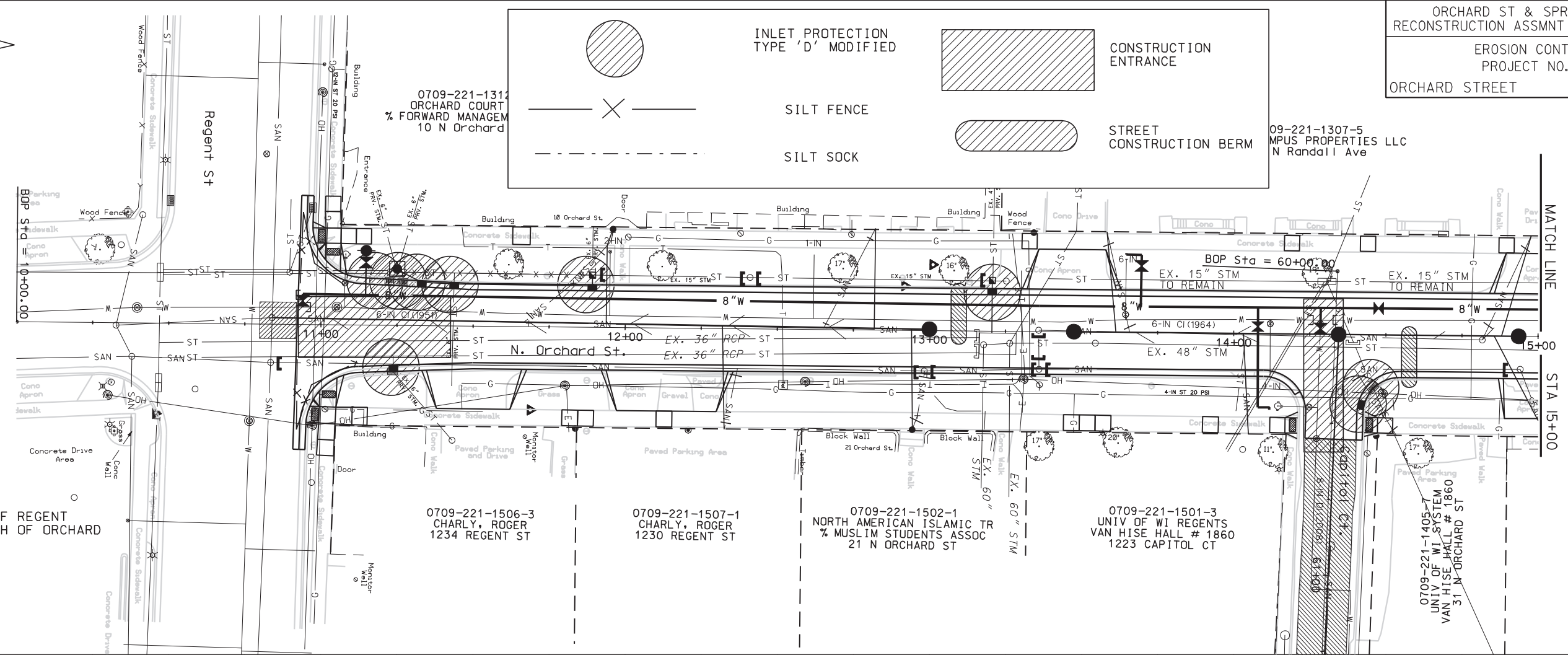
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PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT NAME: PLOT SCALE: REV. DATE:

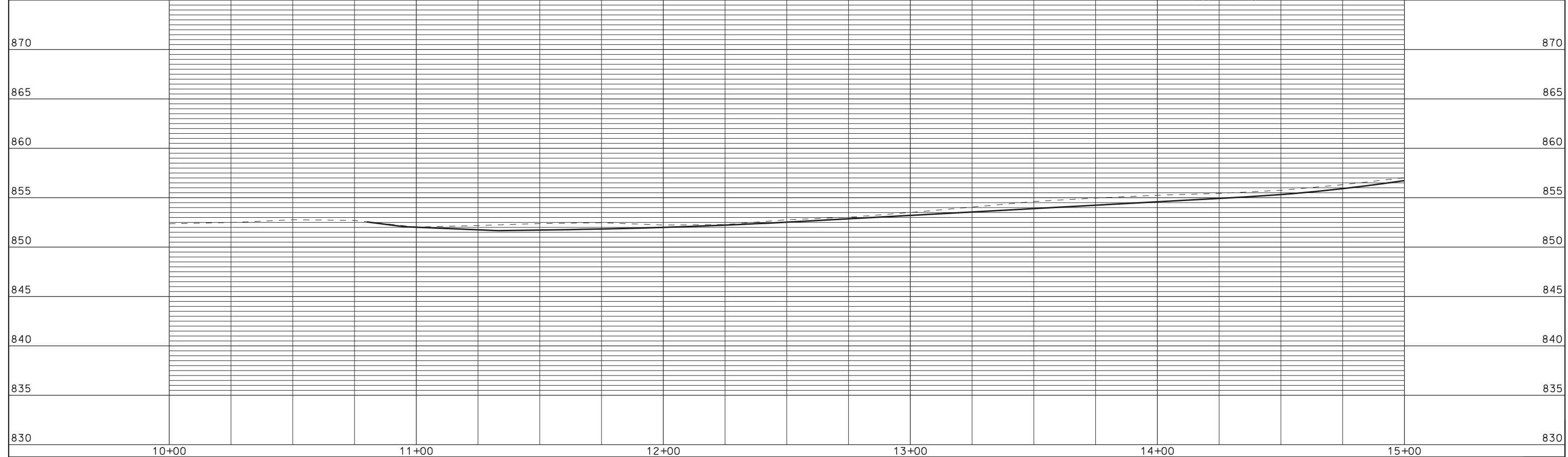
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

	INLET PROTECTION TYPE 'D' MODIFIED		CONSTRUCTION ENTRANCE
	SILT FENCE		STREET CONSTRUCTION BERM
	SILT SOCK		



INLET PROTECTION
TYPE 'D' MODIFIED
ON INLETS N. SIDE OF REGENT
UP TO 2 BLOCKS SOUTH OF ORCHARD

PLOT SCALE:
 PLOT NAME:
 REV. DATE:



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0709-221-1124-3
 OTTO'S ORCHARD SP VEN LLC
 & TODD'S ORCH SP VEN LLC
 1308 SRING ST

0709-221-1127-7
 DELTA OF KAPPA ETA KAPPA
 HOUSING/ATINA B RESID 1
 114 N ORCHARD ST

0709-221-1128-5
 5 APARTMENTS 2 LL
 116 N ORCHARD ST

0709-221-1002-1
 WISCONSIN CHRISTIAN
 CAMPUS MINISTRIES INC
 111 N ORCHARD ST

0709-221-1001-3
 UNIV OF WIS REGENTS
 VAN HISE HALL # 1860
 115 N ORCHARD ST

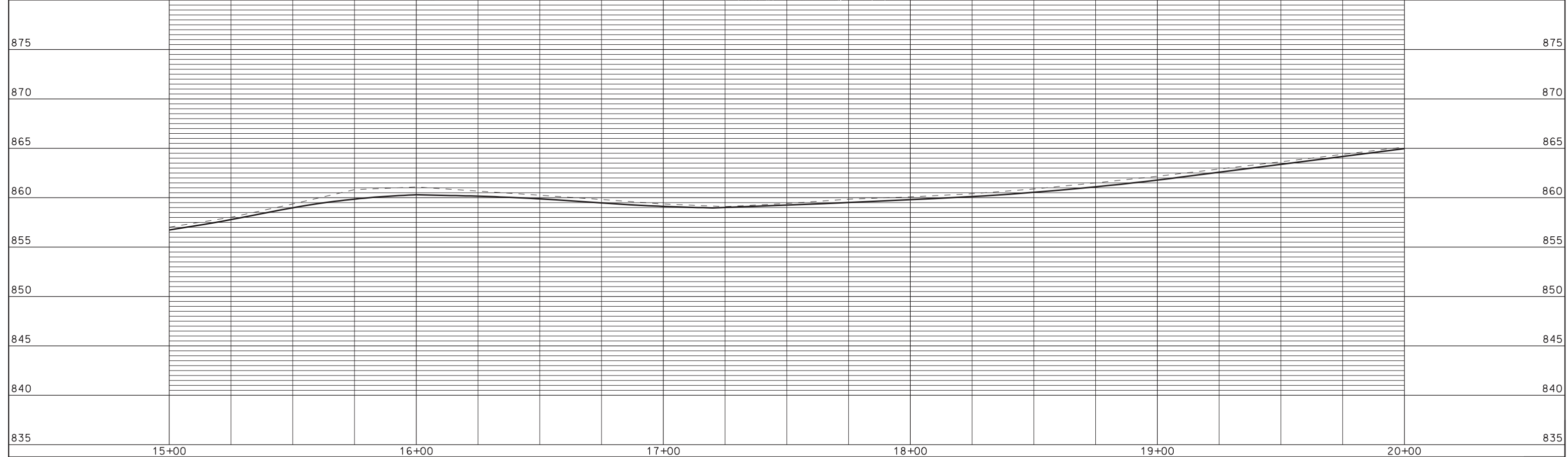
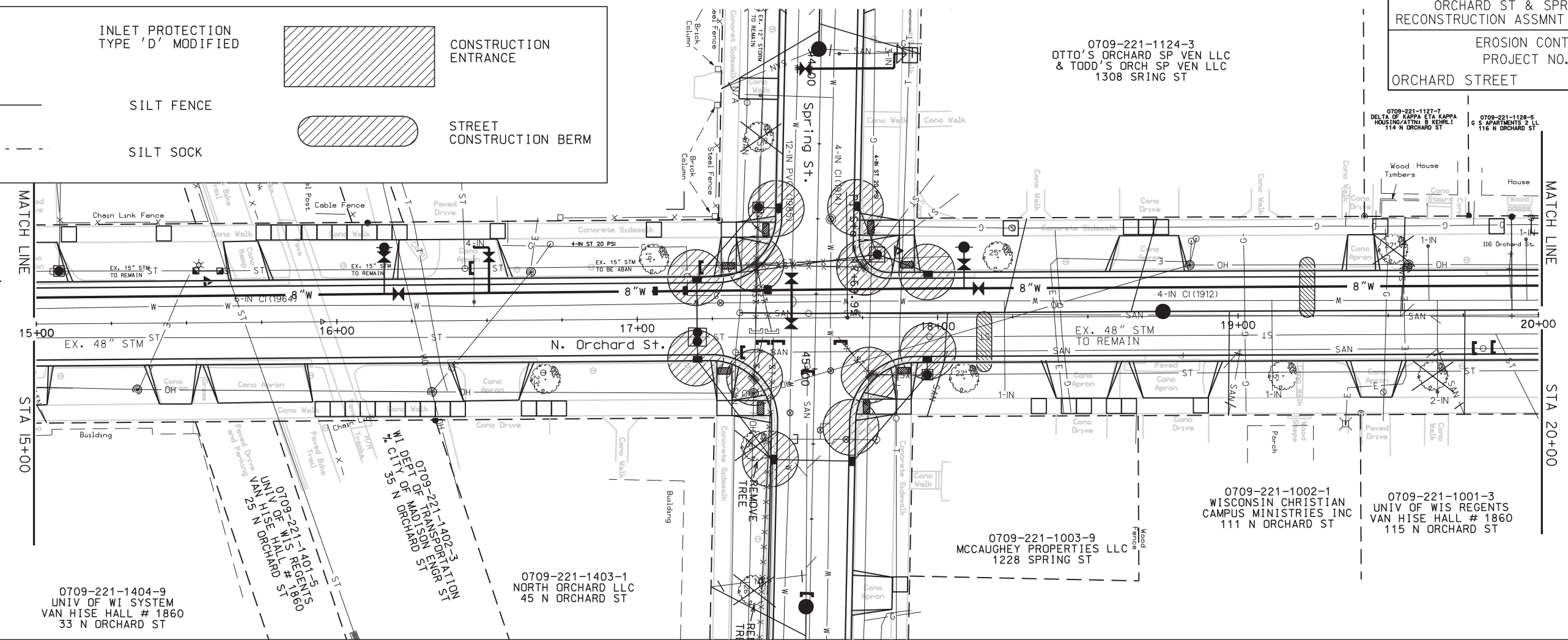
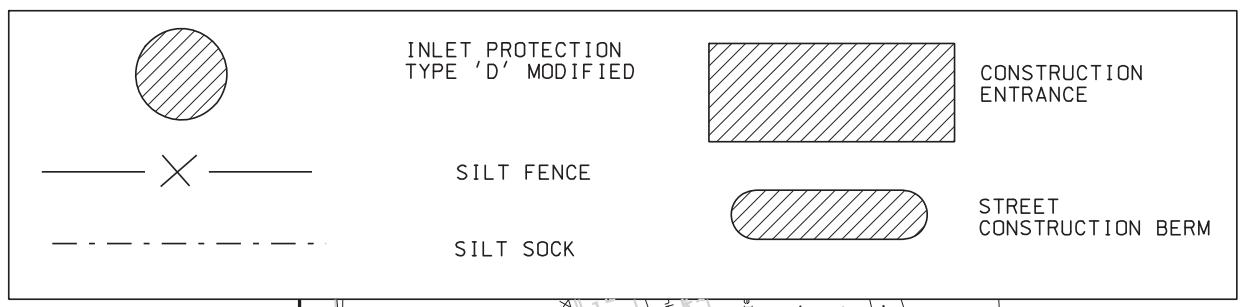
0709-221-1003-9
 MCCAUGHEY PROPERTIES LLC
 1228 SPRING ST

0709-221-1403-1
 NORTH ORCHARD LLC
 45 N ORCHARD ST

0709-221-1404-9
 UNIV OF WI SYSTEM
 VAN HISE HALL # 1860
 33 N ORCHARD ST

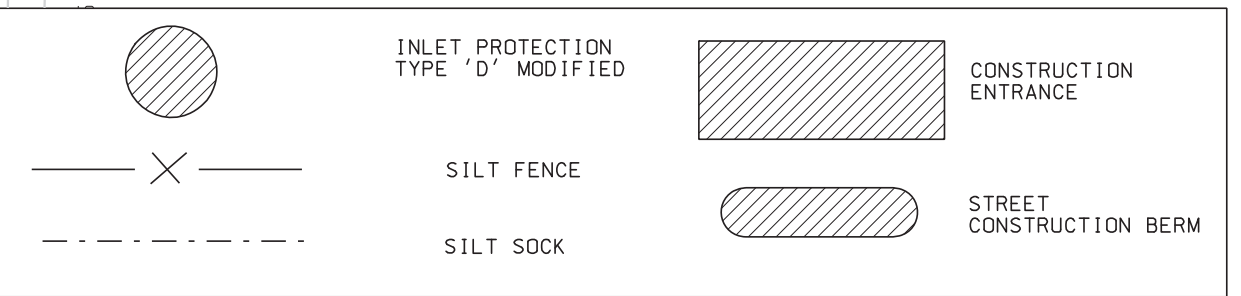
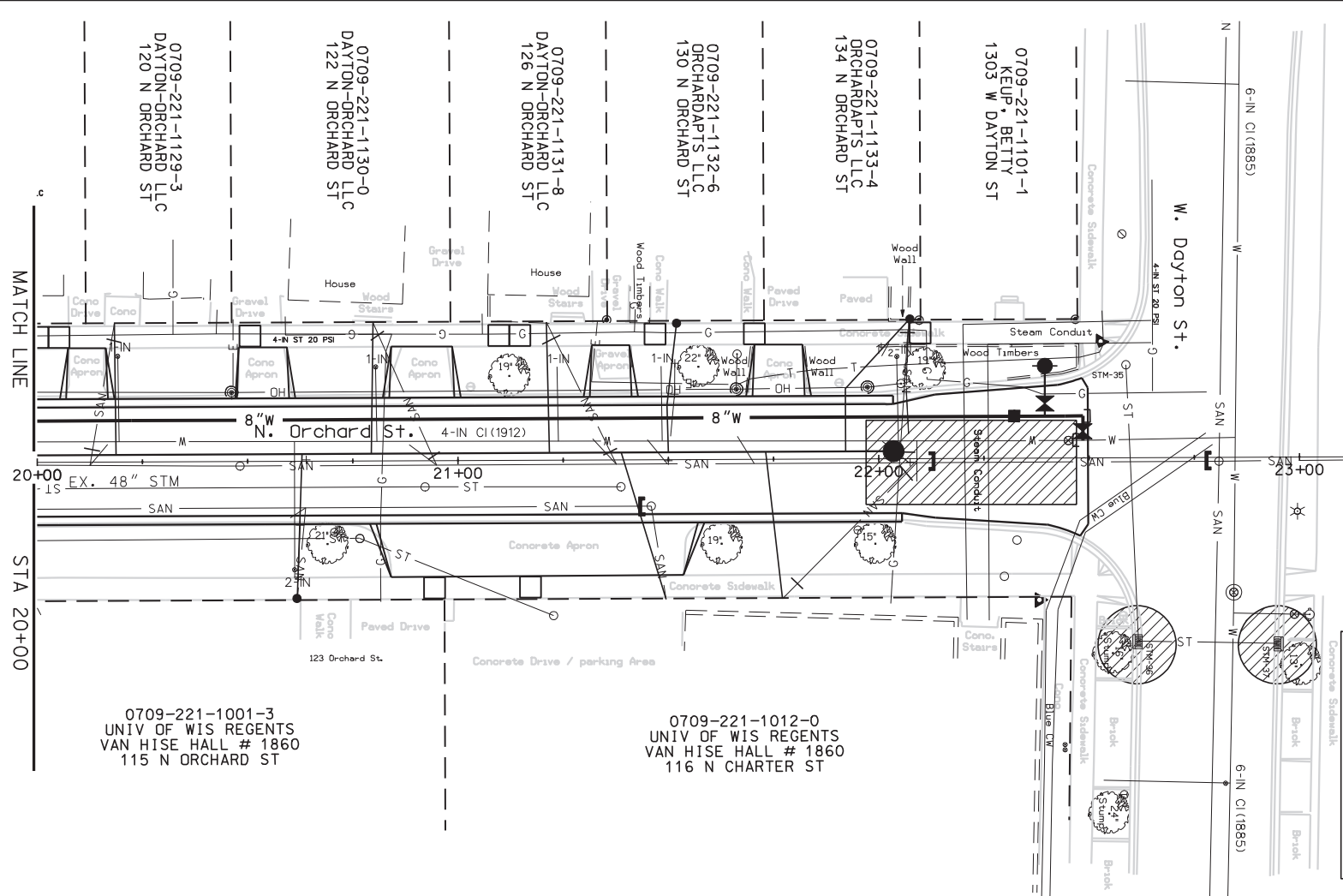
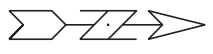
0709-221-1401-5
 UNIV OF WIS REGENTS
 VAN HISE HALL # 1860
 33 N ORCHARD ST

0709-221-1402-3
 UNIV OF WIS REGENTS
 VAN HISE HALL # 1860
 33 N ORCHARD ST



PLOT SCALE: 1" = 40'
 PLOT NAME: 53W0608
 REV. DATE: 1/11/2012

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



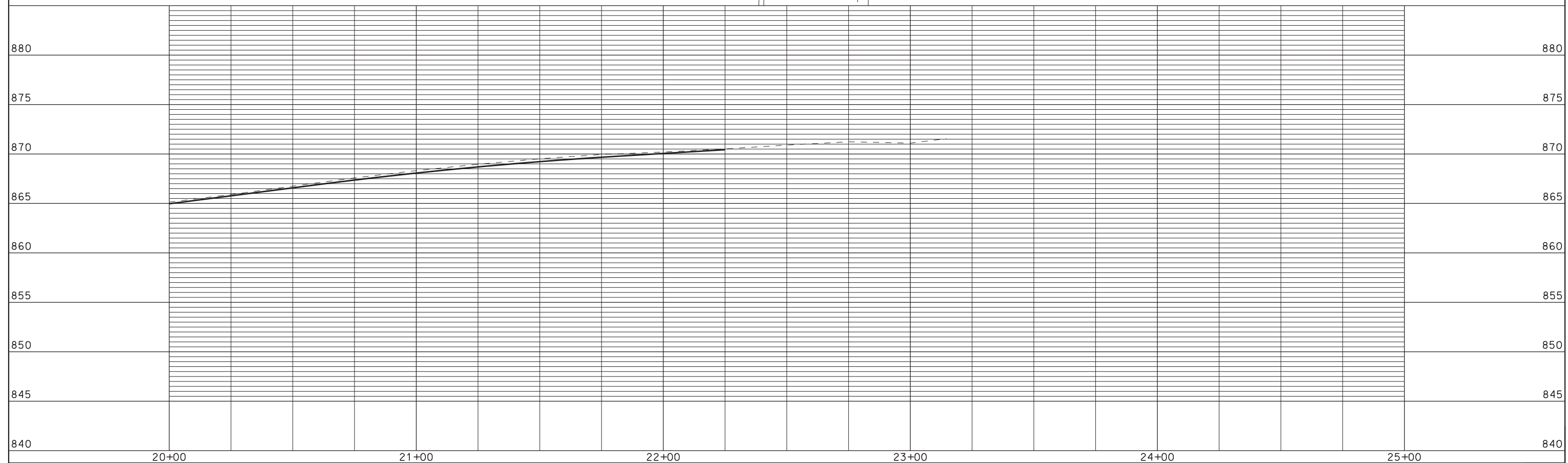
0709-221-1001-3
UNIV OF WIS REGENTS
VAN HISE HALL # 1860
115 N ORCHARD ST

0709-221-1012-0
UNIV OF WIS REGENTS
VAN HISE HALL # 1860
116 N CHARTER ST

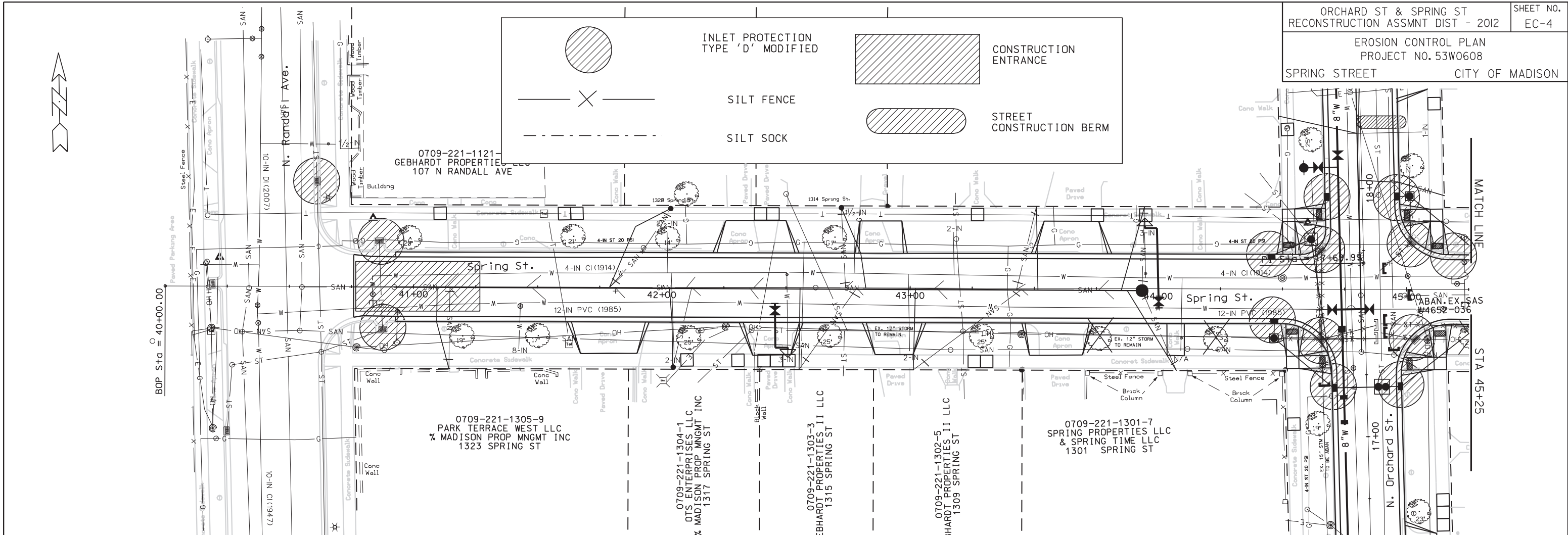
PLOT SCALE:

PLOT NAME:

REV. DATE:

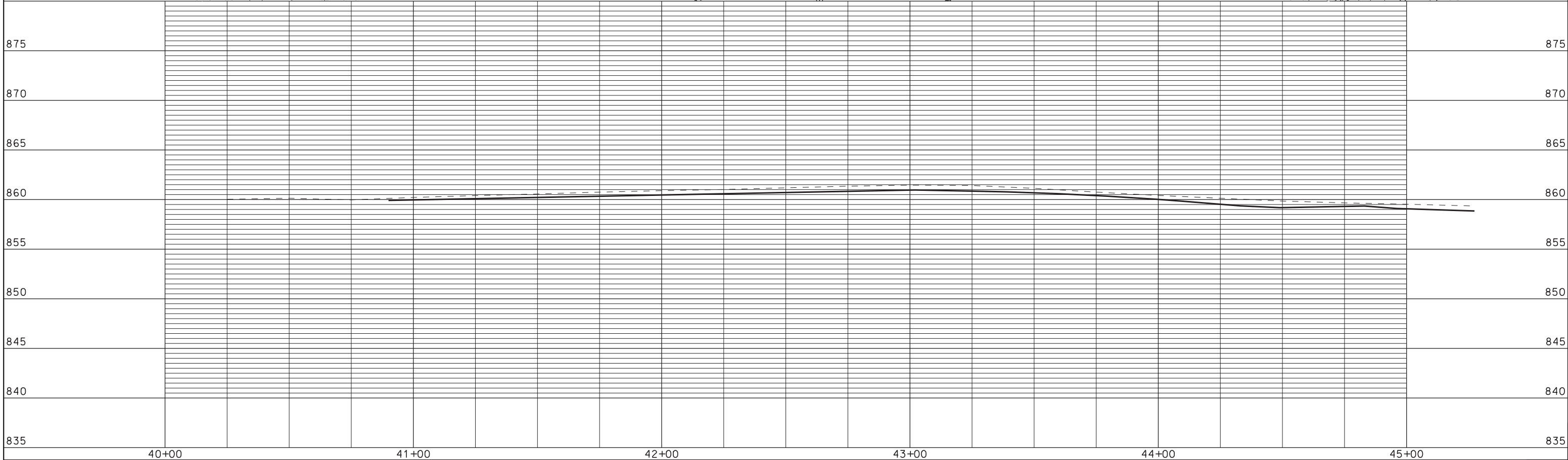


ORIGINATOR: CITY OF MADISON, STREETS DIVISION



BOP Sta = 40+00.00

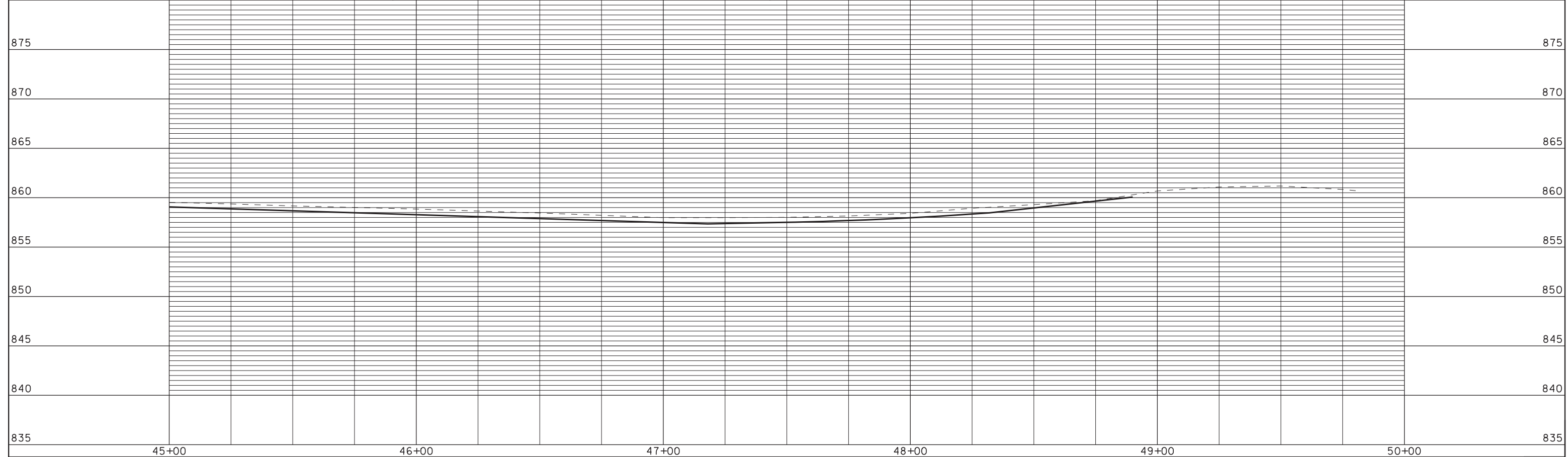
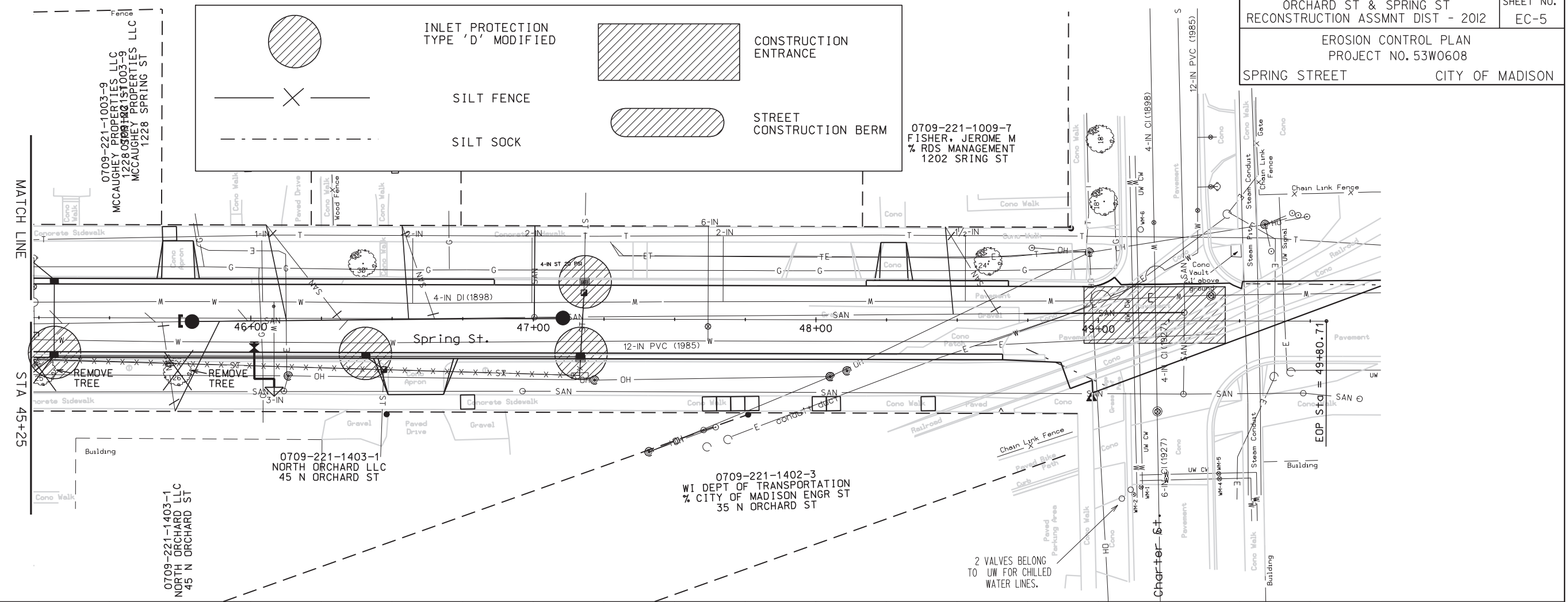
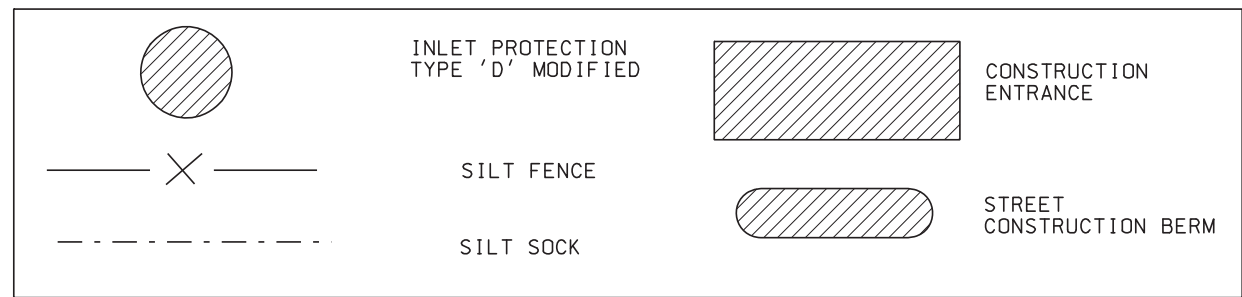
MATCH LINE
STA 45+25



PLOT NAME: PLOT SCALE:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

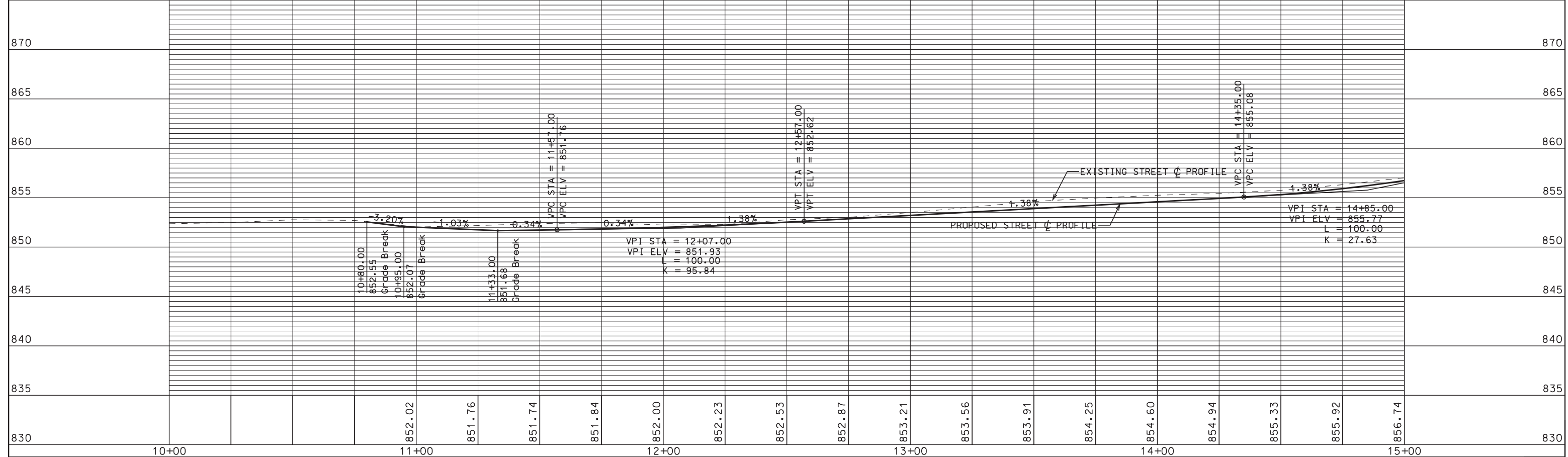
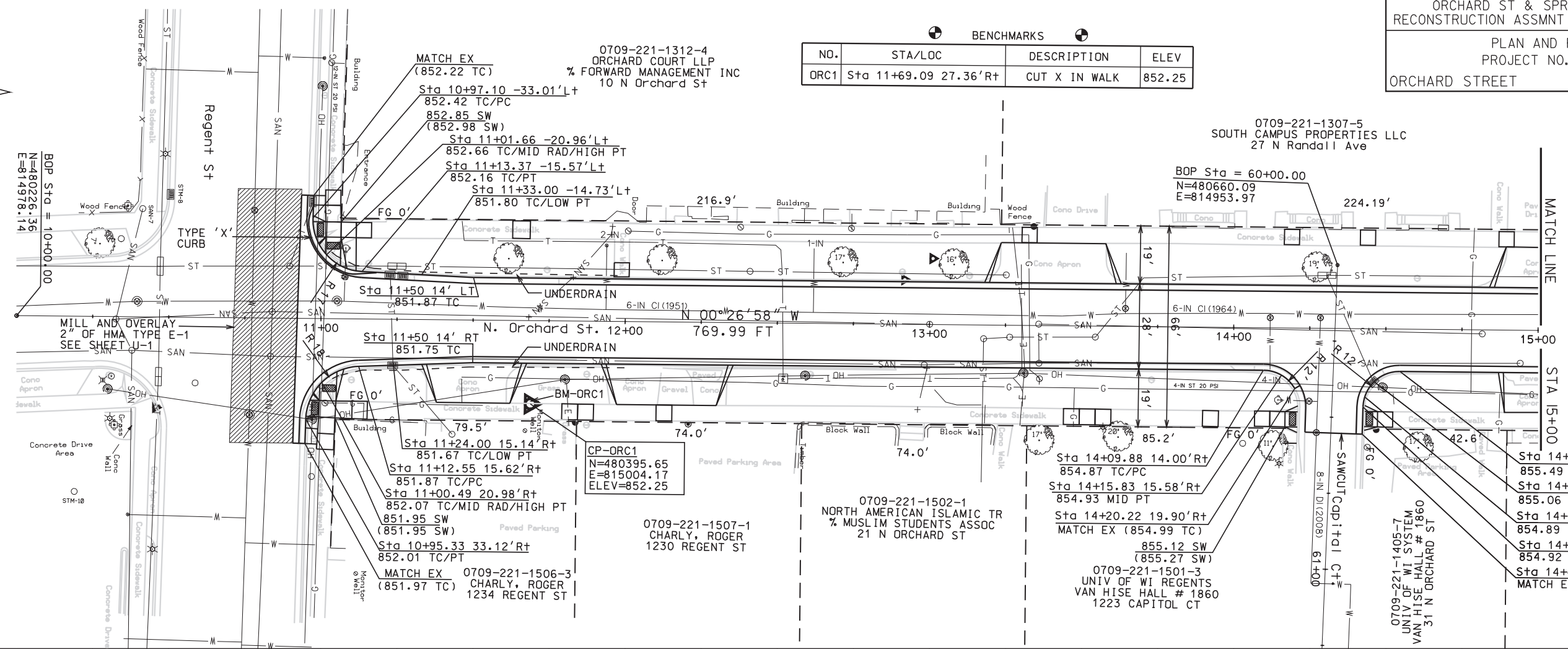


PLOT NAME: PLOT SCALE: REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

NO.	STA/LOC	DESCRIPTION	ELEV
ORC1	Sta 11+69.09 27.36'Rt	CUT X IN WALK	852.25

BENCHMARKS



PLOT SCALE: 1" = 40'

PLOT NAME: 53W0608.P01

REV. DATE: 1/17/2012

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

MAINTAIN BIKE PATH CROSSING PER SPECIAL PROVISIONS. INSTALL TEMPORARY PAVEMENT AS REQUIRED TO MAINTAIN PATH DURING CONSTRUCTION.

COORDINATE REMOVAL AND REPAVING OF INACTIVE RAILROAD CROSSINGS WITH WIS & SOUTHERN RR. CONTACT: ROGER SCHAALMA, (414) 750-3702.

0709-221-1404-9
UNIV OF WI SYSTEM
VAN HISE HALL # 1860
33 N ORCHARD ST

0709-221-1301-7
SPRING PROPERTIES LLC & SPRING TIME LLC
1301 SPRING ST

0709-221-1124-3
OTTO'S ORCHARD SP VEN LLC & TODD'S ORCH SP VEN LLC
1308 SPRING ST

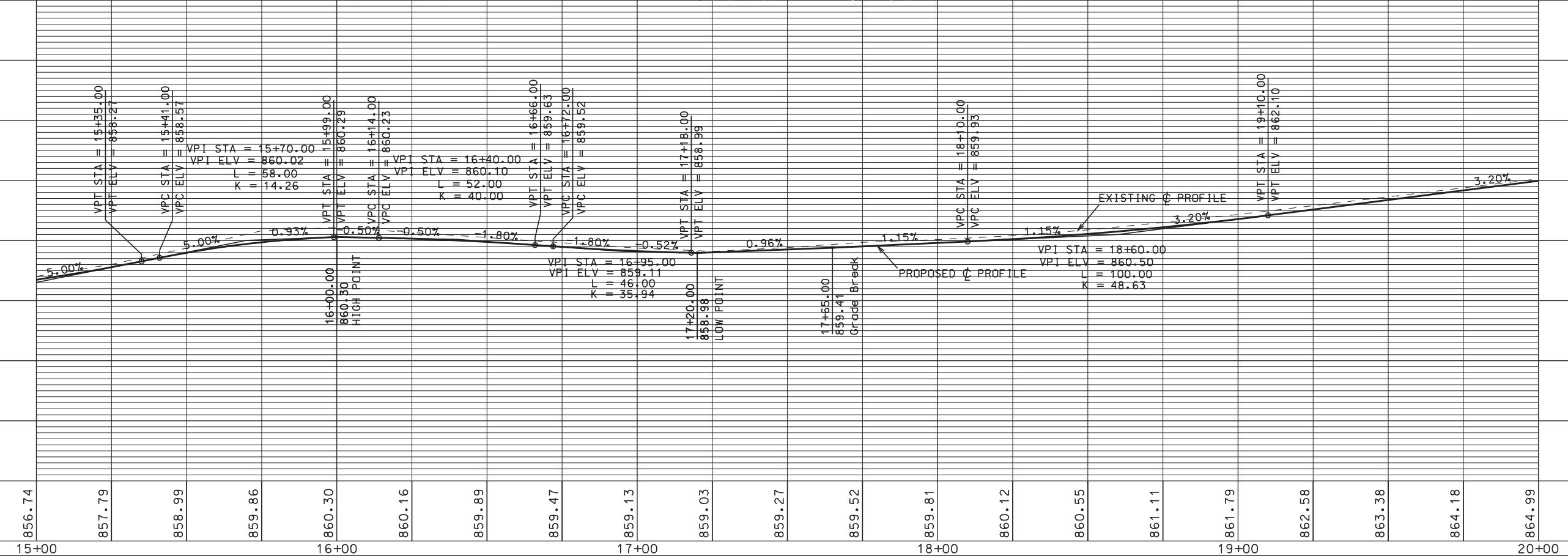
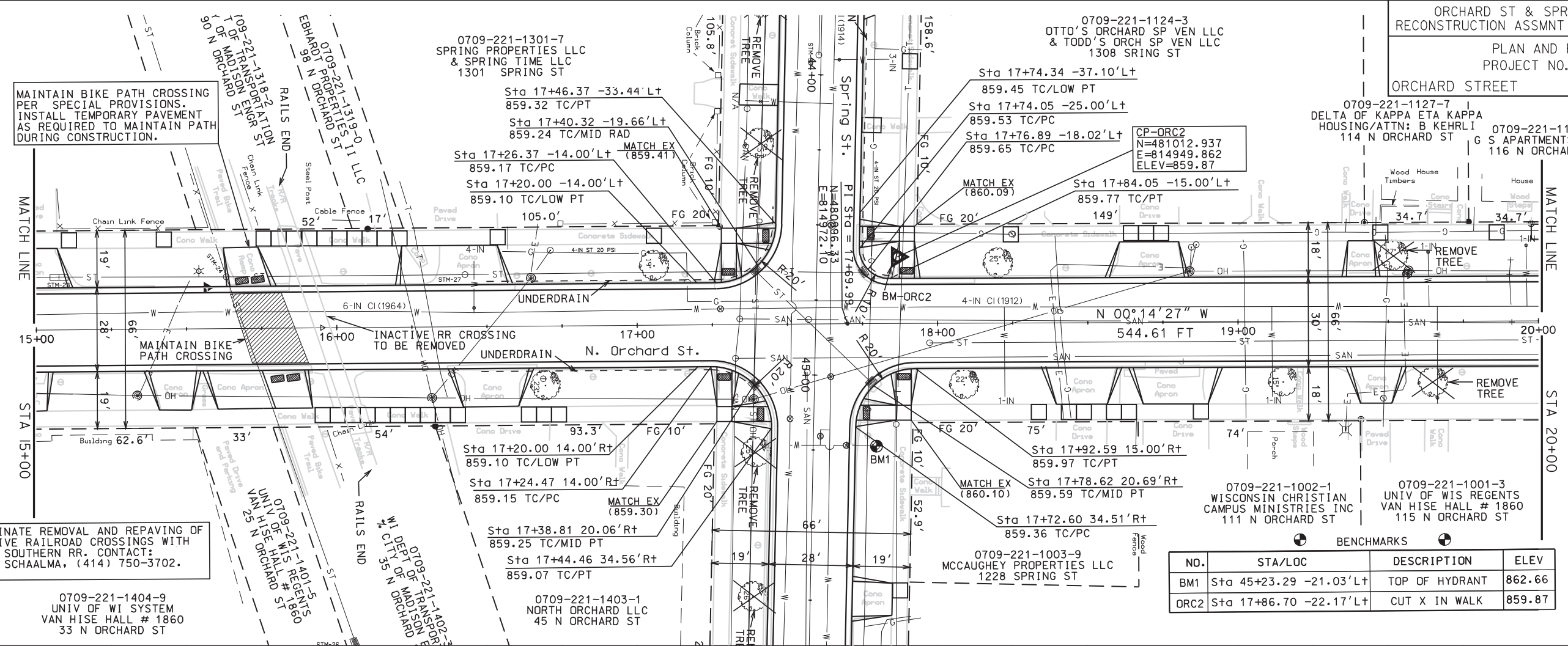
0709-221-1127-7
DELTA OF KAPPA ETA KAPPA HOUSING/ATTN: B KEHRLI
114 N ORCHARD ST

0709-221-1128-5
G S APARTMENTS 2 LLC
116 N ORCHARD ST

0709-221-1002-1
WISCONSIN CHRISTIAN CAMPUS MINISTRIES INC
111 N ORCHARD ST

0709-221-1001-3
UNIV OF WIS REGENTS VAN HISE HALL # 1860
115 N ORCHARD ST

NO.	STA/LOC	DESCRIPTION	ELEV
BM1	Sta 45+23.29 -21.03'Lt	TOP OF HYDRANT	862.66
ORC2	Sta 17+86.70 -22.17'Lt	CUT X IN WALK	859.87

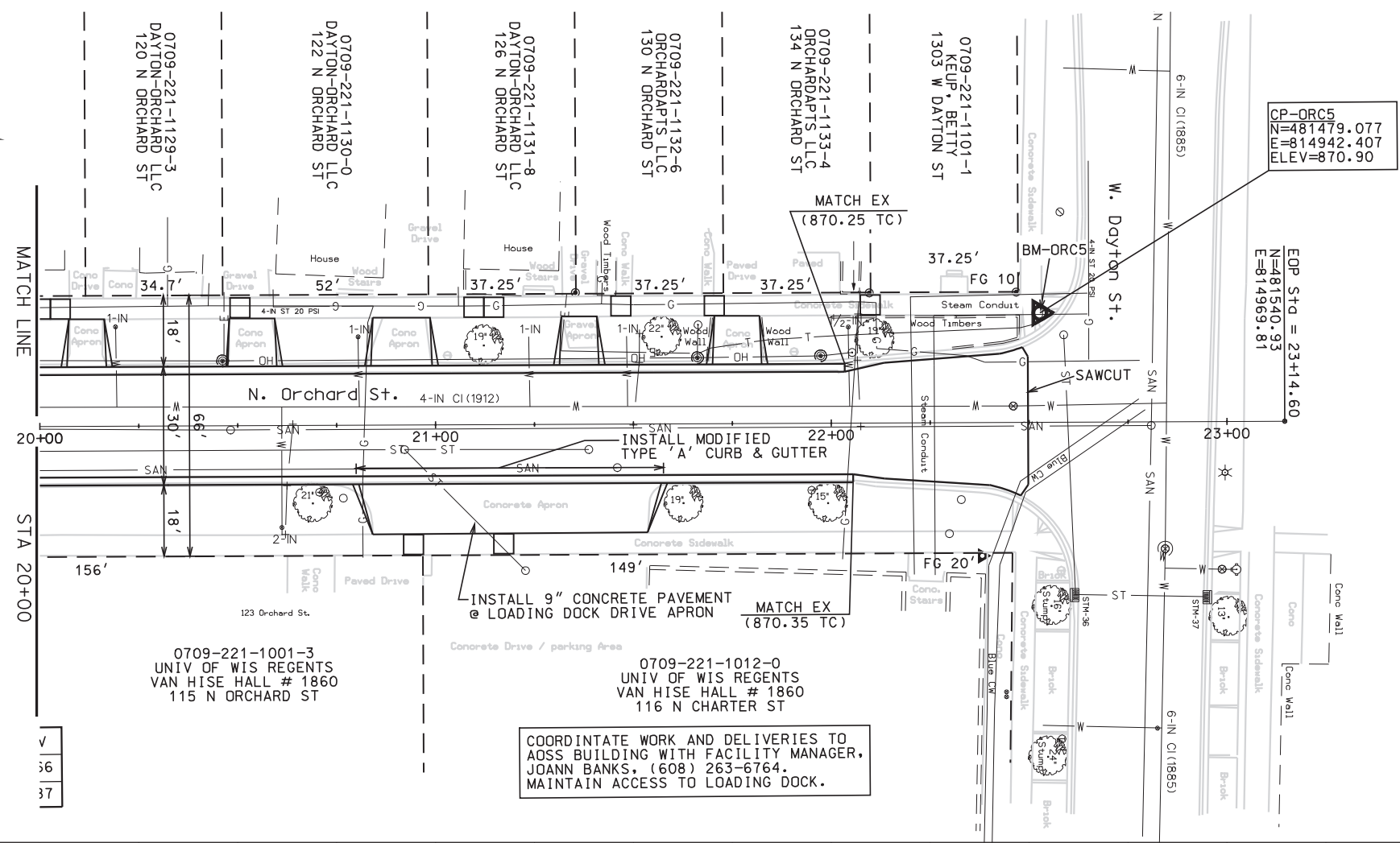
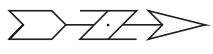


PLOT SCALE: 1" = 40'

PLOT NAME: 53W0608.PLT

REV. DATE: 1/17/2012

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



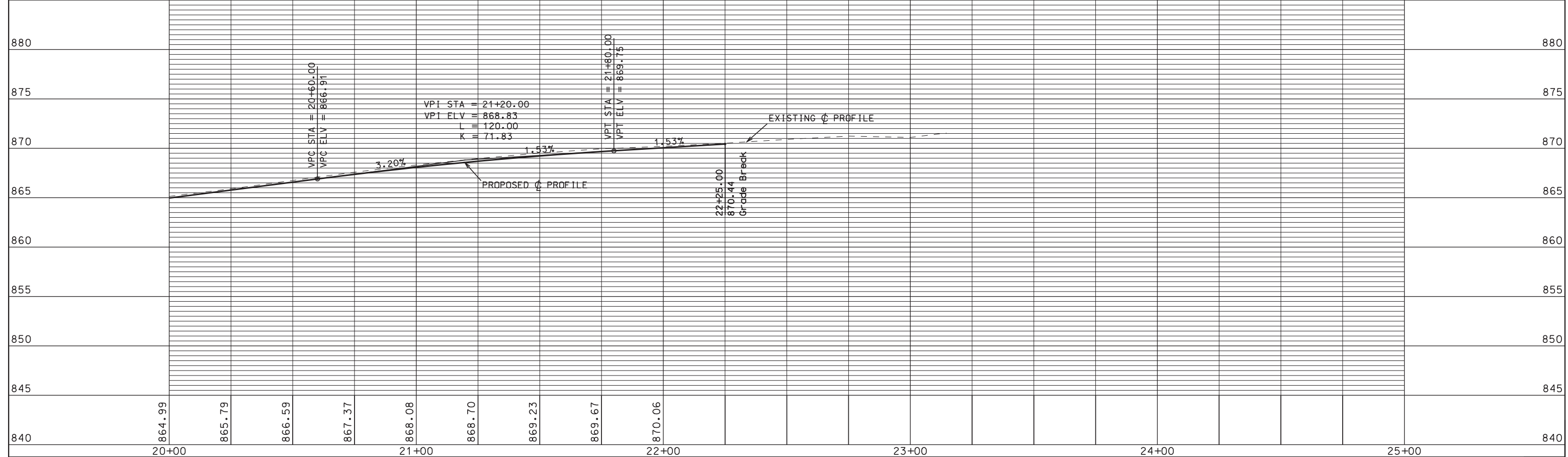
BENCHMARKS

NO.	STA/LOC	DESCRIPTION	ELEV
ORC5	Sta 22+52.86	-27.66' Lt CUT X IN WALK	870.90

PLOT SCALE: 1"=40'

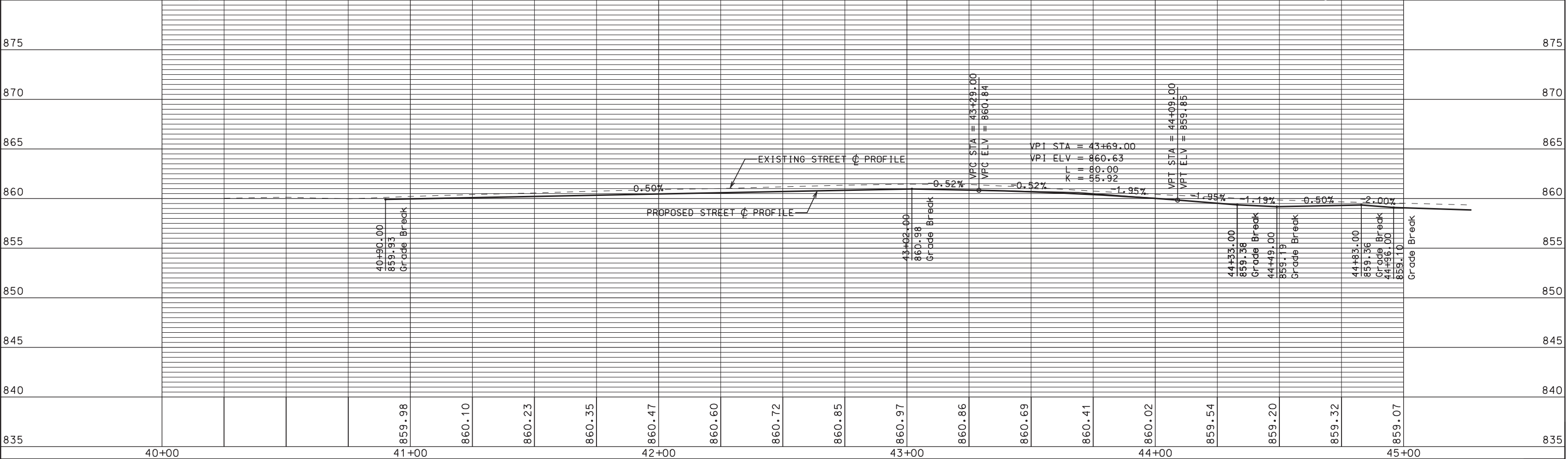
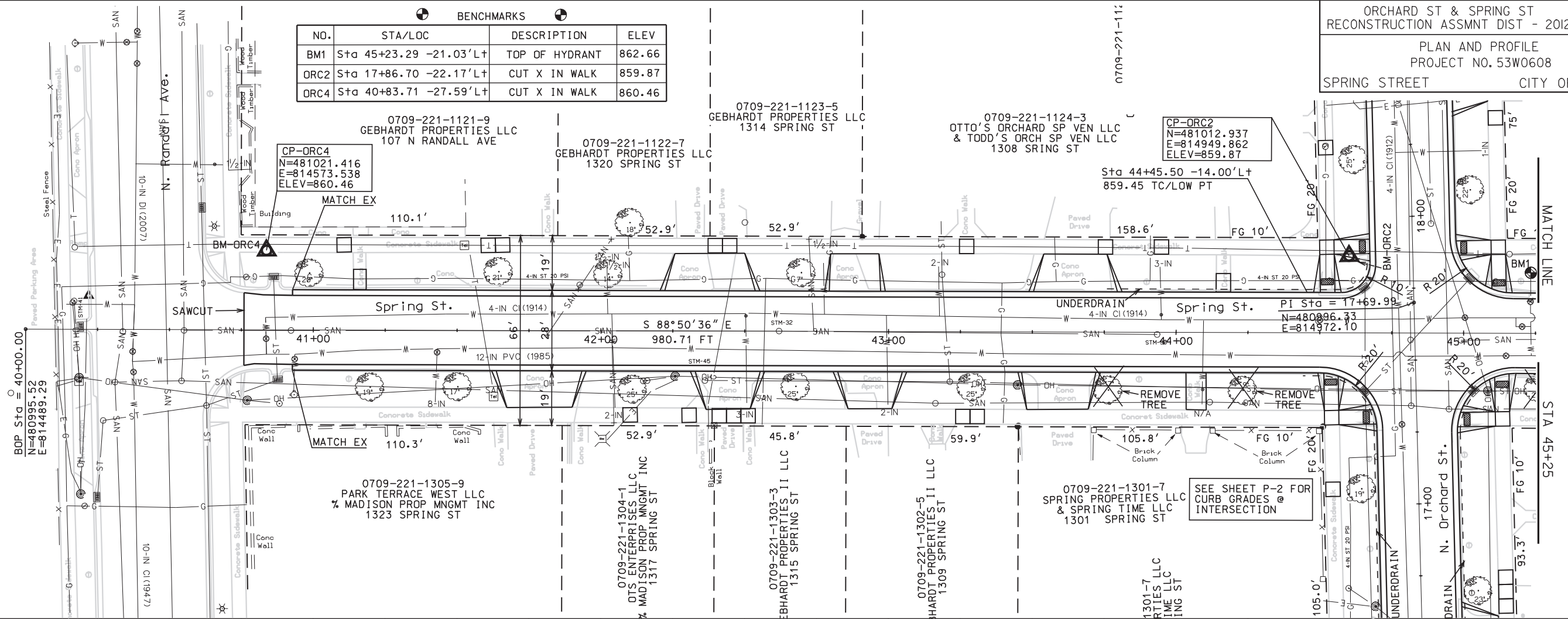
PLOT NAME: _____

REV. DATE: _____



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

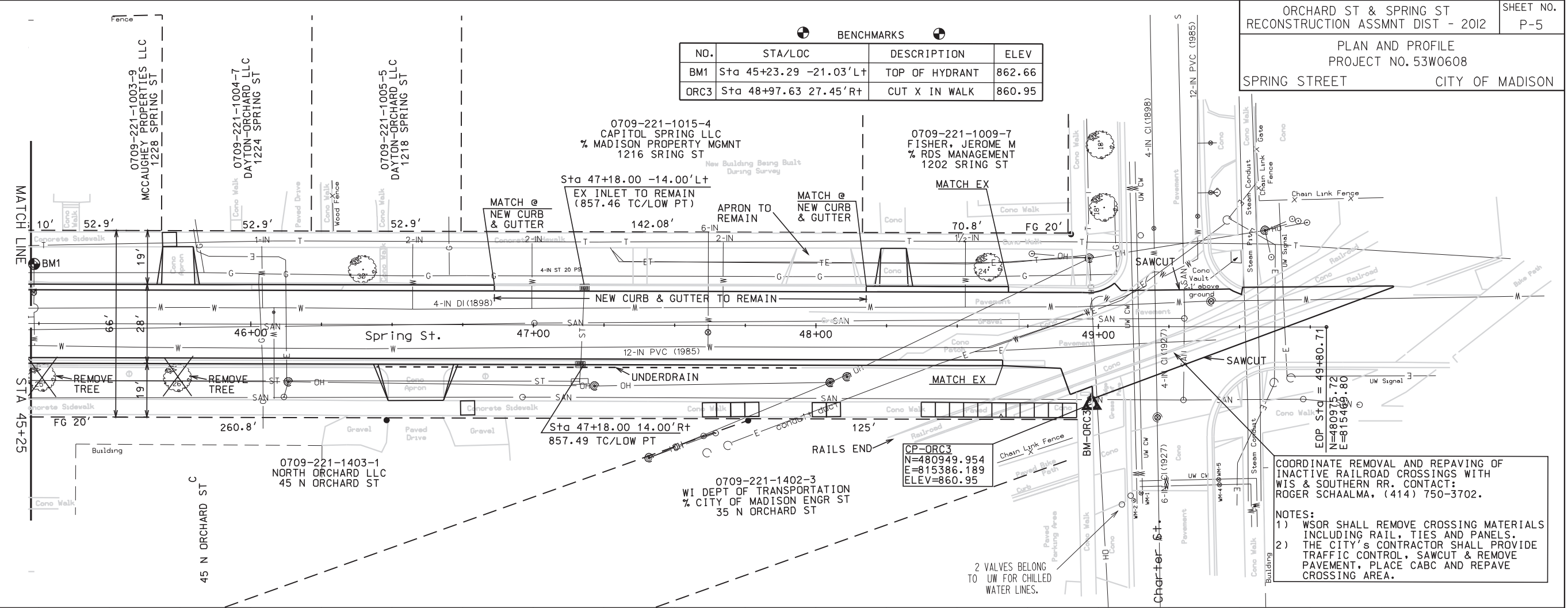
BENCHMARKS			
NO.	STA/LOC	DESCRIPTION	ELEV
BM1	Sta 45+23.29	-21.03' Lt	TOP OF HYDRANT 862.66
ORC2	Sta 17+86.70	-22.17' Lt	CUT X IN WALK 859.87
ORC4	Sta 40+83.71	-27.59' Lt	CUT X IN WALK 860.46



PLOT NAME:
PLOT SCALE:
REV. DATE:

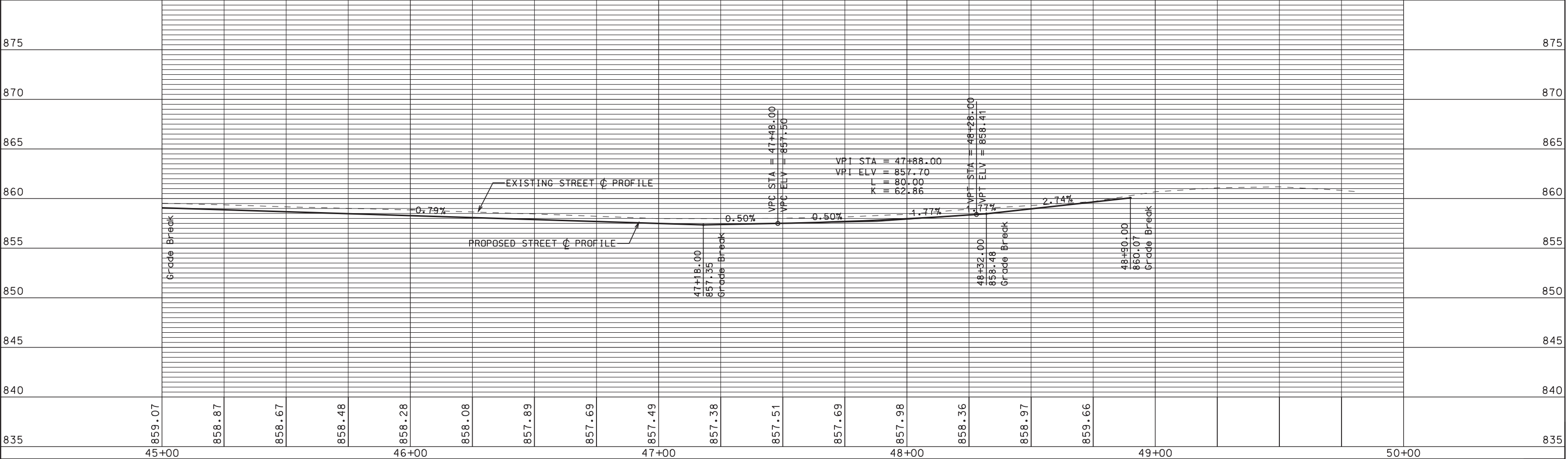
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

BENCHMARKS			
NO.	STA/LOC	DESCRIPTION	ELEV
BM1	Sta 45+23.29	-21.03'L+	TOP OF HYDRANT 862.66
ORC3	Sta 48+97.63	27.45'R+	CUT X IN WALK 860.95



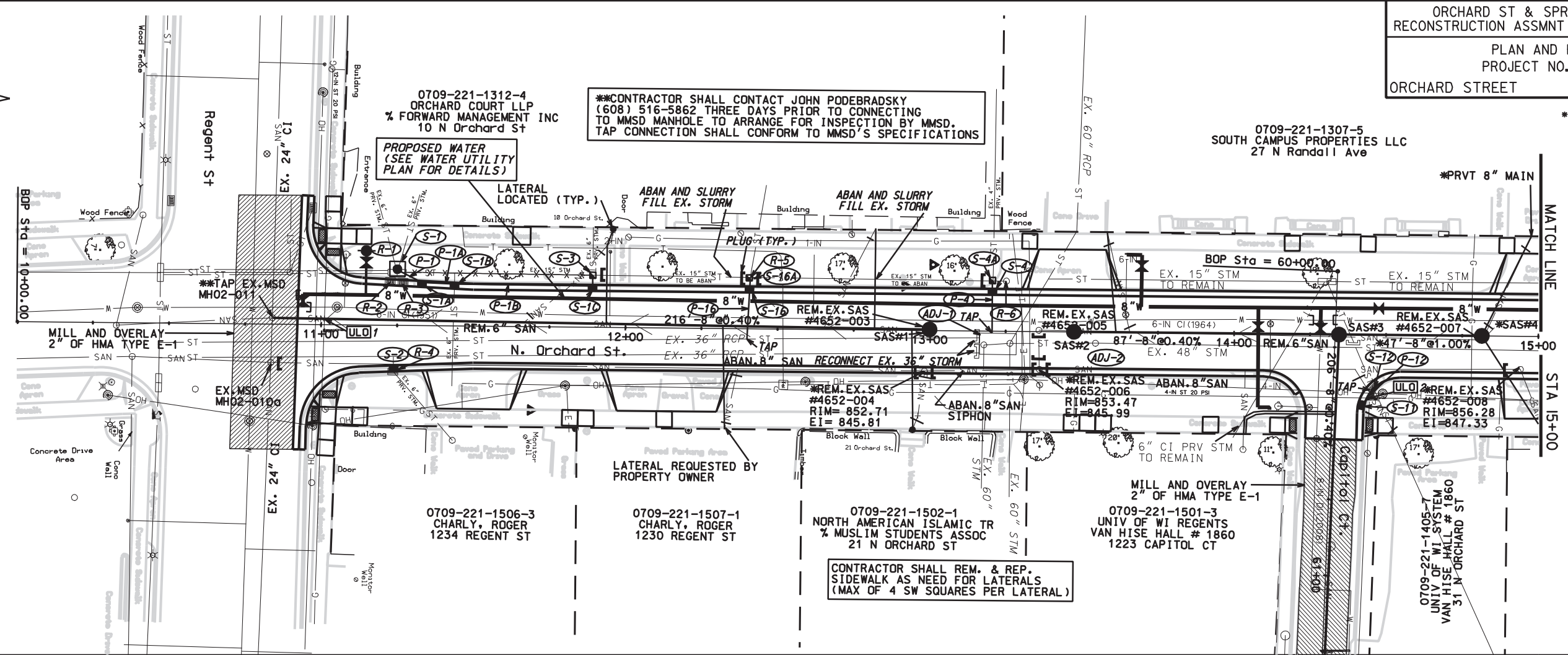
COORDINATE REMOVAL AND REPAVING OF INACTIVE RAILROAD CROSSINGS WITH WIS & SOUTHERN RR. CONTACT: ROGER SCHAALMA, (414) 750-3702.

NOTES:
1) WSOR SHALL REMOVE CROSSING MATERIALS INCLUDING RAIL, TIES AND PANELS.
2) THE CITY'S CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL, SAWCUT & REMOVE PAVEMENT, PLACE CABG AND REPAVE CROSSING AREA.

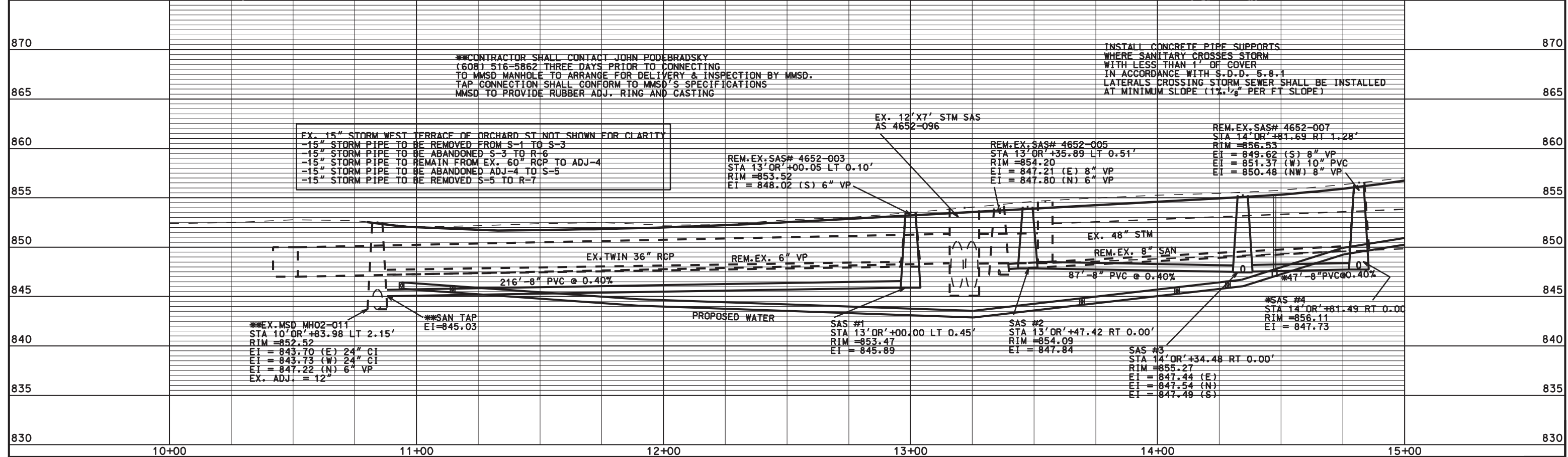


PLOT SCALE: 1"=40'
REV. DATE: 1/17/2012

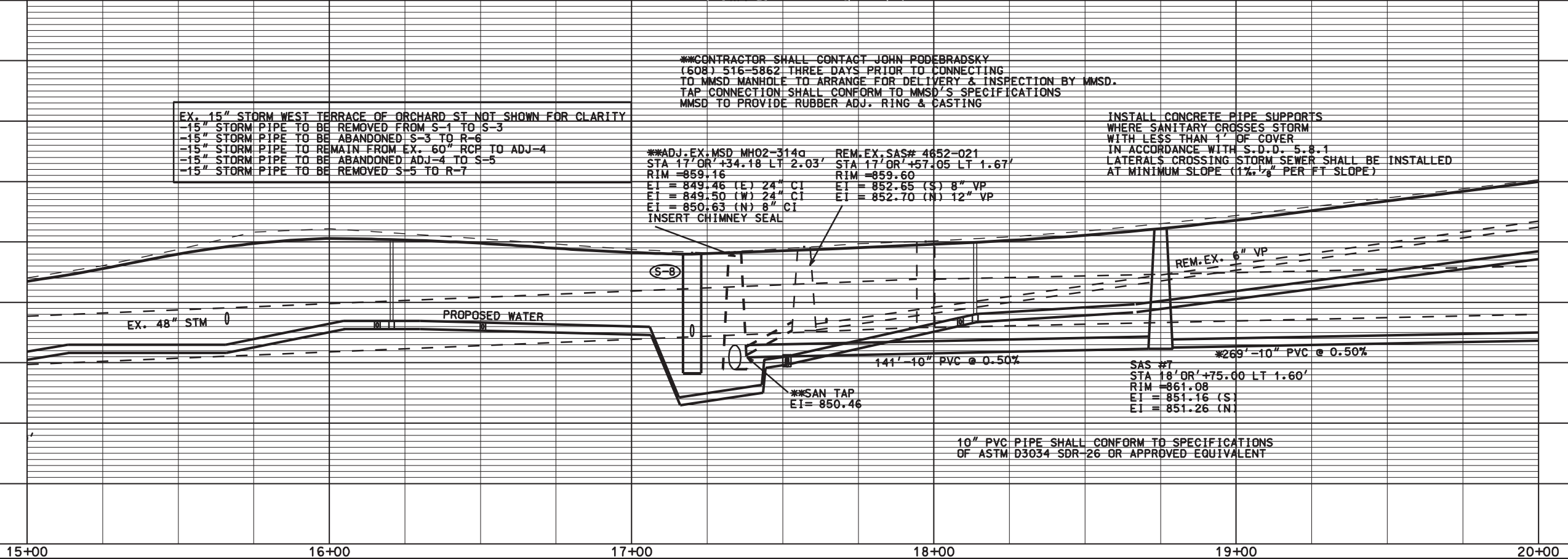
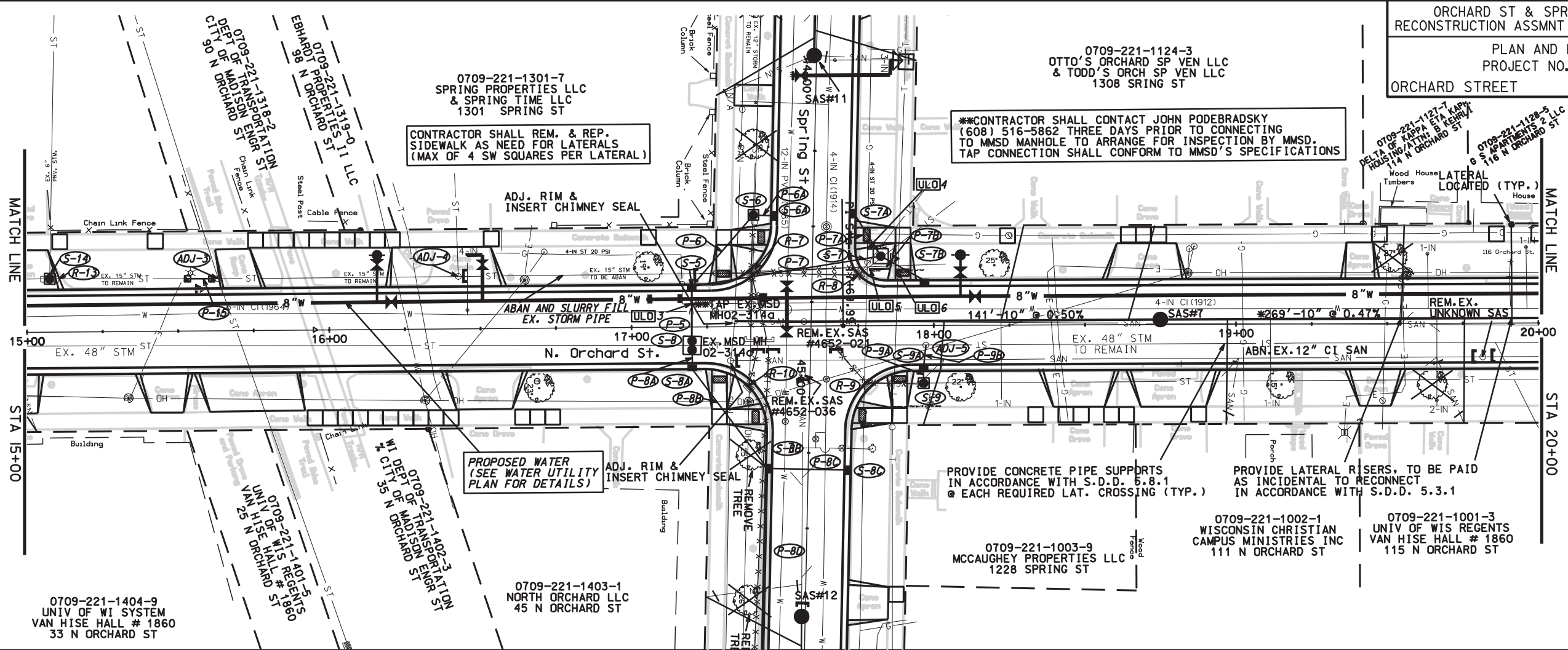
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE:
REV. DATE:

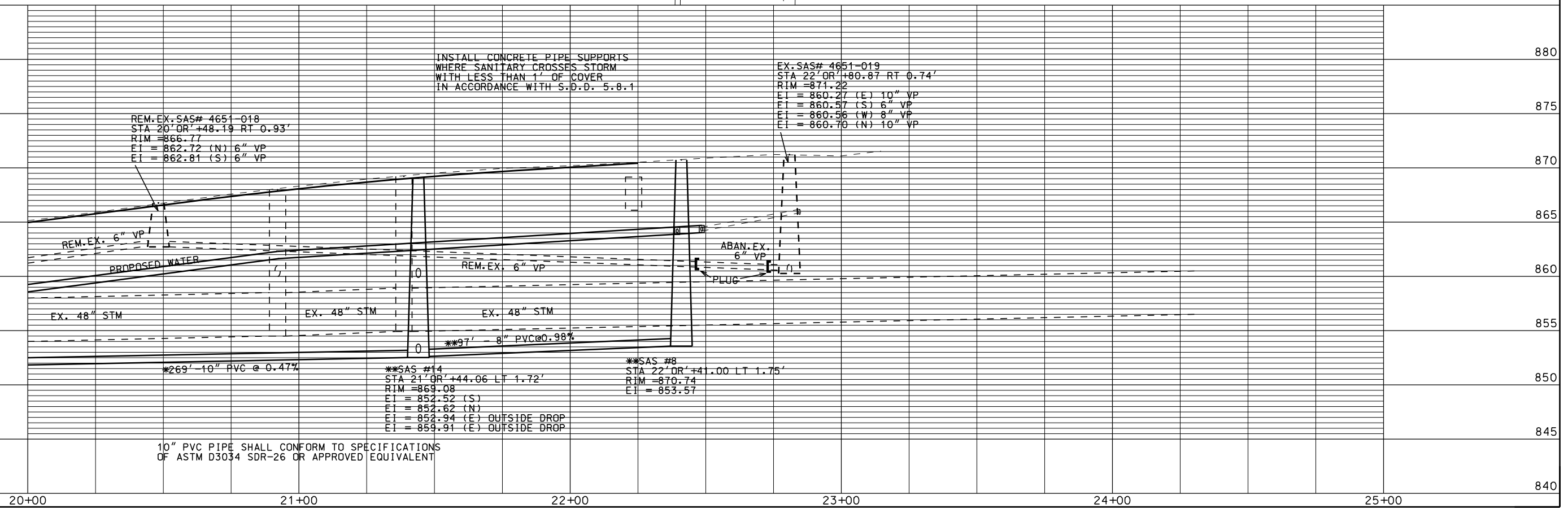
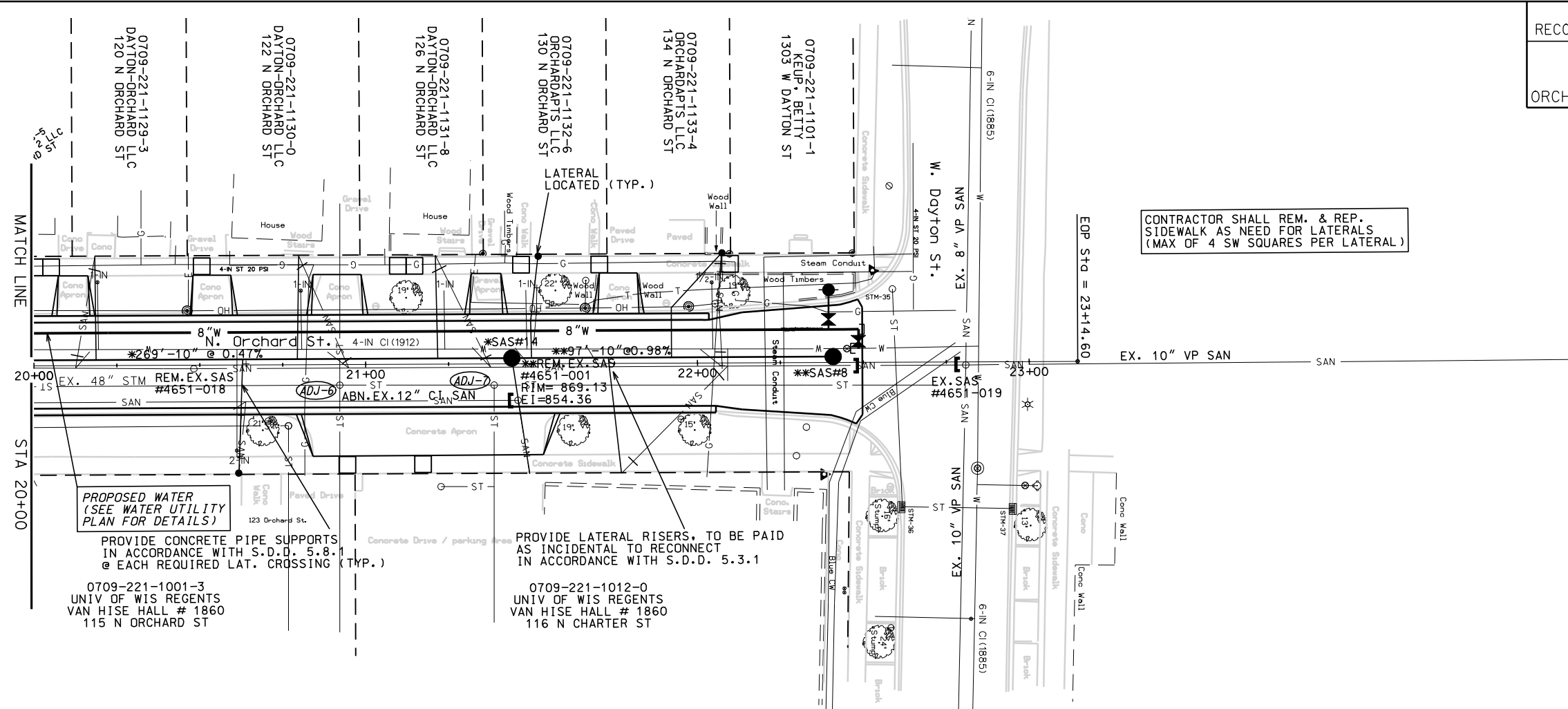
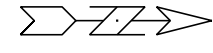


ORIGINATOR: CITY OF MADISON, SIBBEIS, DIVISION



PLOT SCALE:
PLOT NAME:
REV. DATE:

ORIGINATOR: CITY OF MADISON, SIBELIS DIVISION

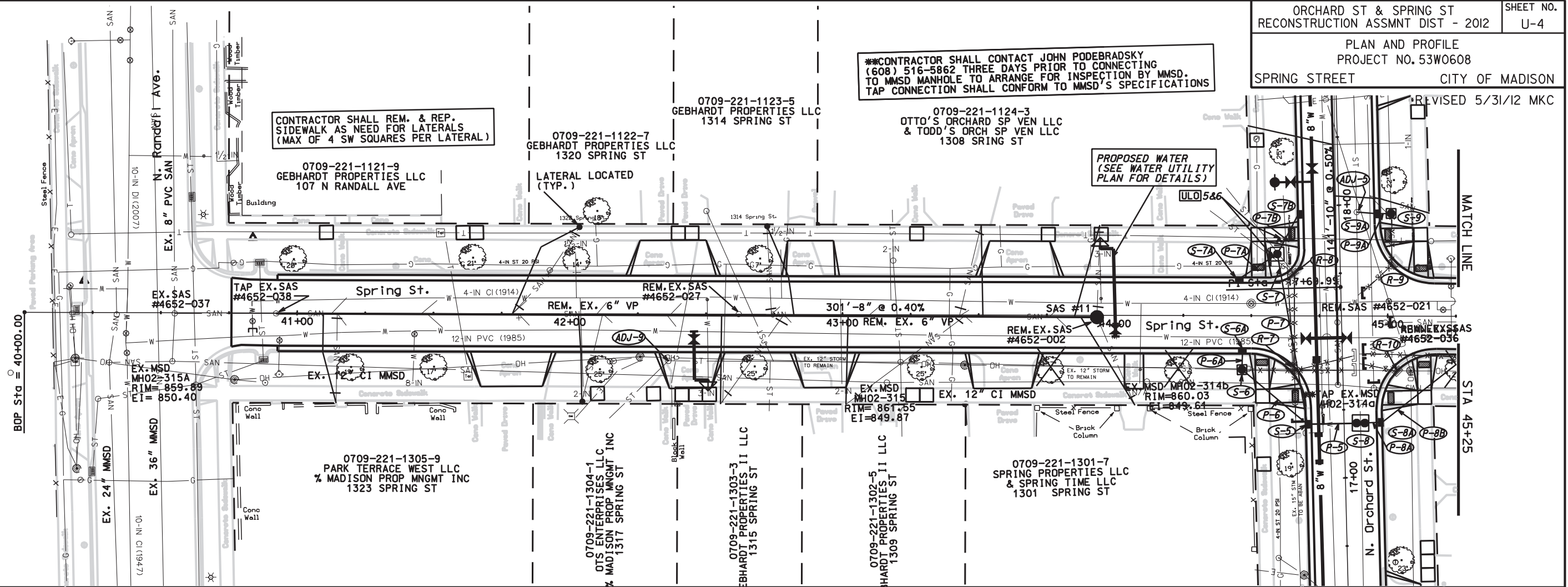


ORIGINATOR: CITY OF MADISON, STREETS DIVISION

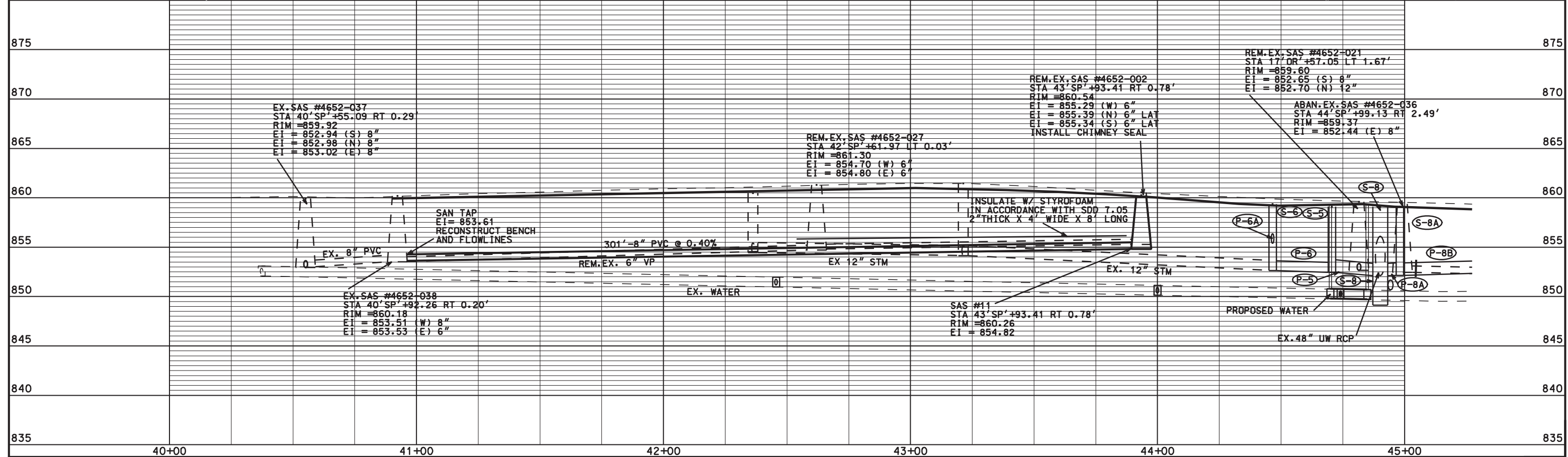
PLOT SCALE: 1" = 40'
PLOT NAME:
REV. DATE:

CONTRACTOR SHALL CONTACT JOHN PODEBRADSKY
(608) 516-5862 THREE DAYS PRIOR TO CONNECTING
TO MMSD MANHOLE TO ARRANGE FOR INSPECTION BY MMSD.
TAP CONNECTION SHALL CONFORM TO MMSD'S SPECIFICATIONS

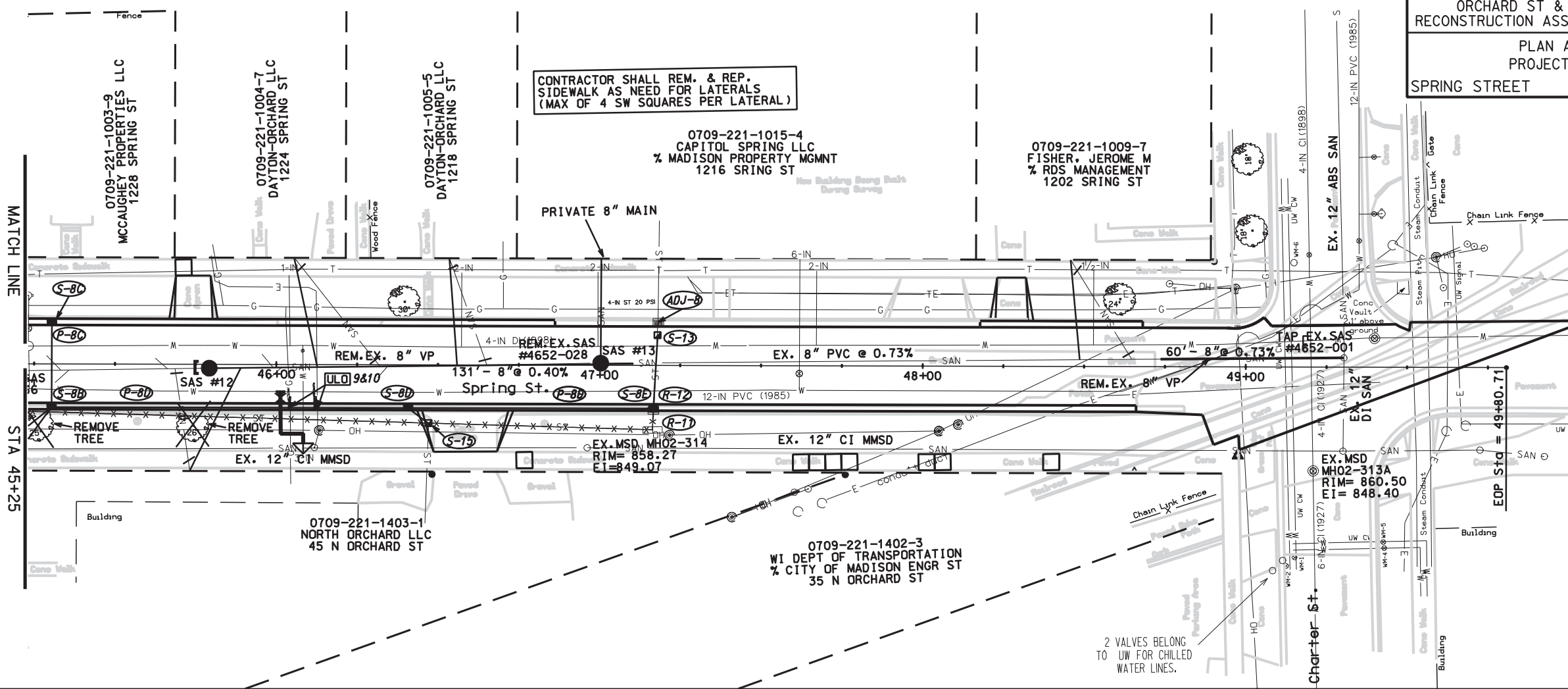
CONTRACTOR SHALL REM. & REP.
SIDEWALK AS NEED FOR LATERALS
(MAX OF 4 SW SQUARES PER LATERAL)



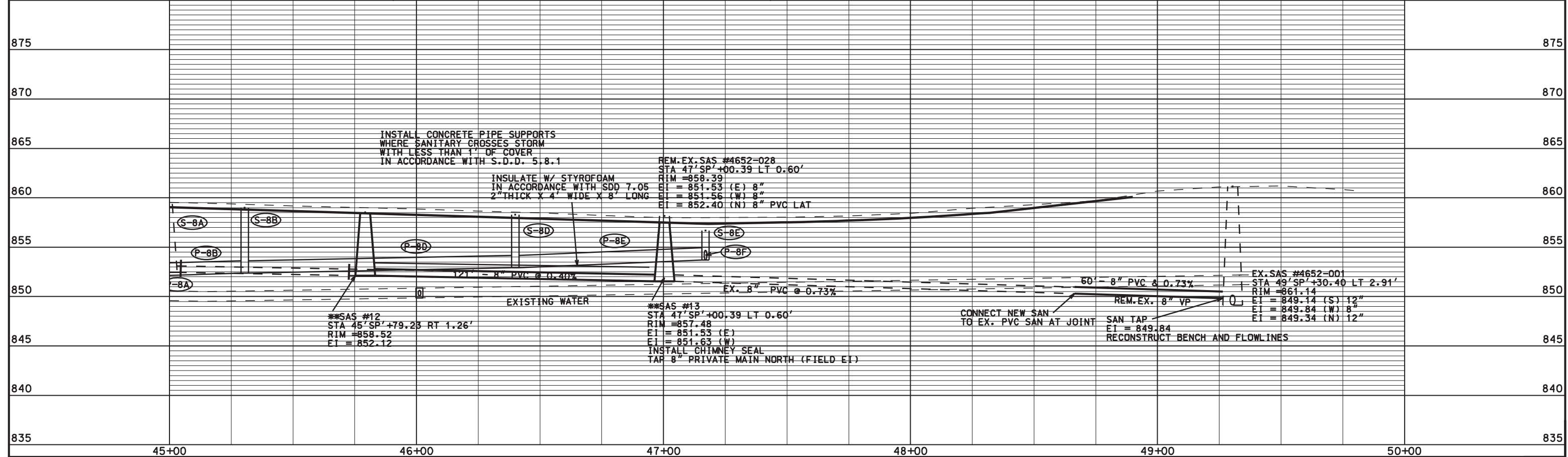
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REV. DATE: 5/31/12



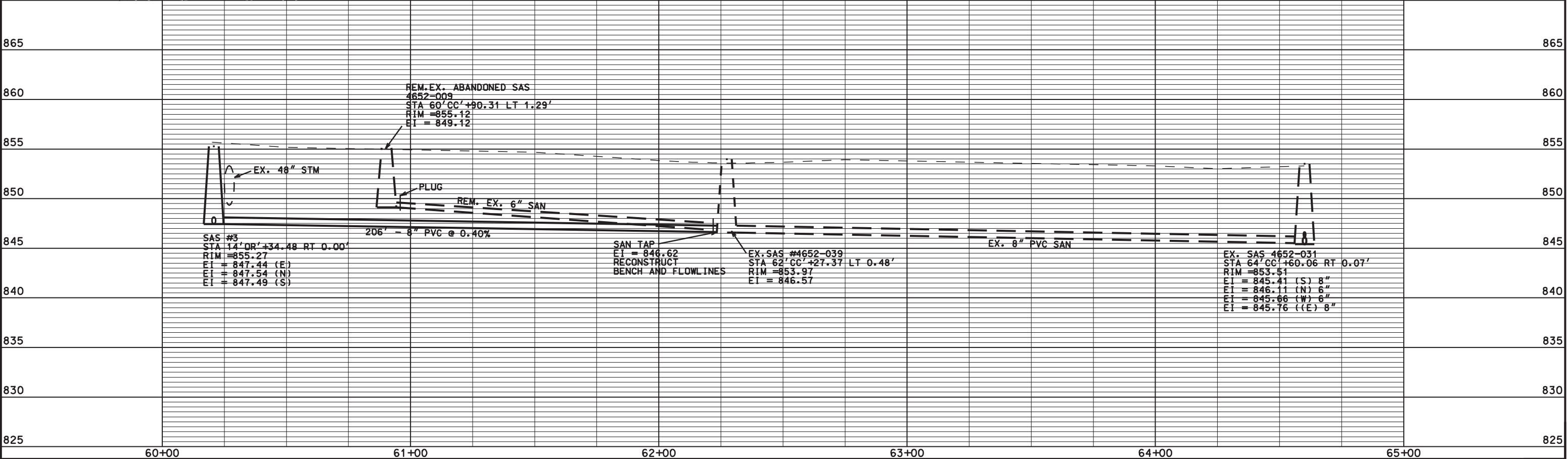
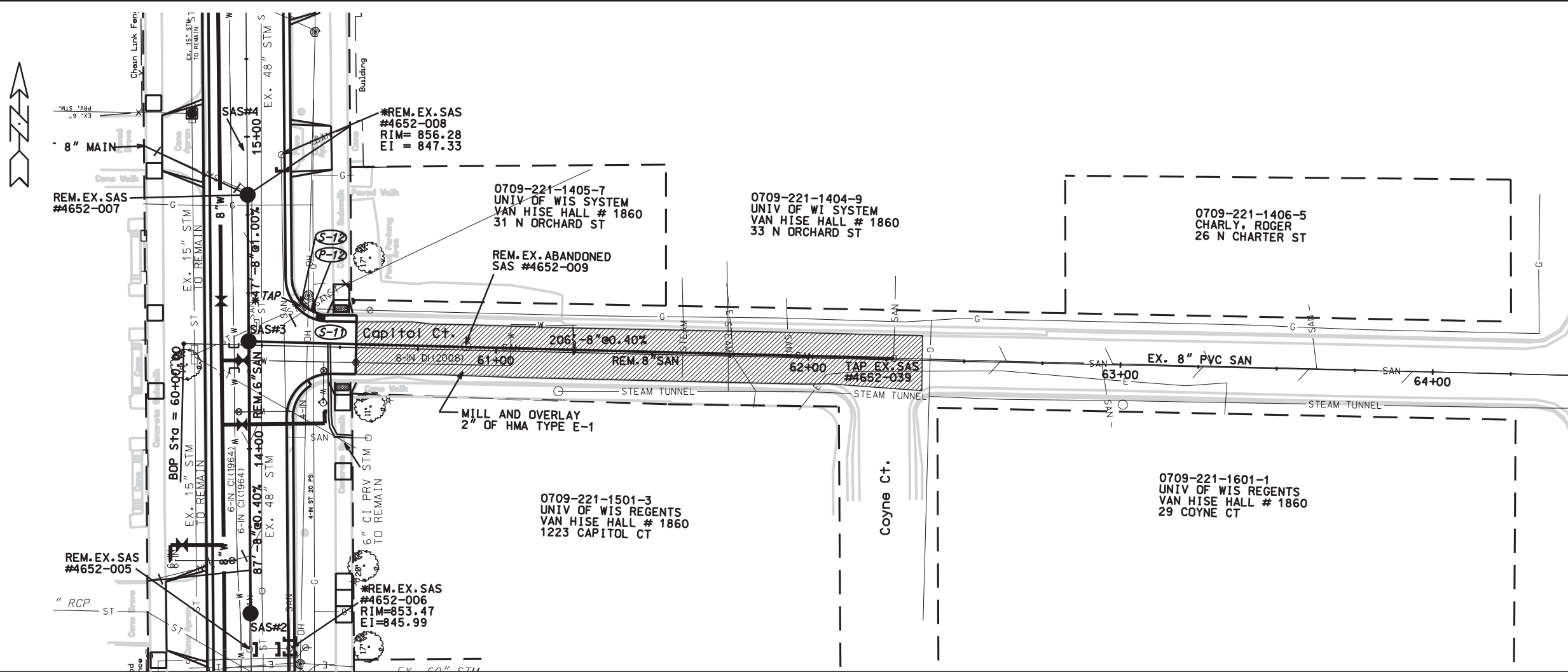
ORIGINATOR: CITY OF MADISON, SIBELIS DIVISION



PLOT SCALE:
REV. DATE:



ORIGINATOR: CITY OF MADISON, SIBELIS, DIVISION



PLOT NAME: PLOT SCALE: REV. DATE:

ORIGINATOR: CITY OF MADISON, SIBBEIS, DIVISION

STORM SEWER SCHEDULE

ALIGNMENT CODES:

'OR' = ORCHARD ST
'SP' = SPRING ST
'CC' = CAPITAL CT

ORCHARD AND SPRING RECONST.

SHEET NO.

PROJECT NO. 53W0608

U-7

STORM SEWER SCHEDULE

CITY OF MADISON

*REVISED 5/31/12 MKC

PROPOSED STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
S-1	11'OR'+24.82	LT-17.50	5X5 SAS	852.41	847.41	5.00	FP, W/ (2) R-1550-0054, (3), (6)x2
S-1A	11'OR'+33.00	LT-14.26	H INLET	851.80	847.42	4.38	W/ R-3067-7004
S-1B	11'OR'+43.70	LT-13.80	H INLET	851.72	847.44	4.28	W/ R-3067-7004, (6)
S-1C	11'OR'+90.00	LT-13.61	H INLET	851.98	847.50	4.48	W/ R-3067-7004
S-2	11'OR'+24.00	RT-14.50	H INLET	851.67	848.76	2.91	FP, W/ R-3067-7004, (3), (6)
S-3	11'OR'+89.12	LT-17.16	COLLAR	-	847.50	-	(6)
S-4	13'OR'+20.50	LT-13.50	H INLET	853.63	847.83	5.80	
S-4A	13'OR'+20.48	LT-16.87	COLLAR	-	847.85	-	(6)
S-5	17'OR'+20.00	LT-13.50	H INLET	859.10	852.46	6.64	W/ R-3067-7004
S-6	44'SP'+46.60	RT-19.85	3X3 SAS	859.35	852.62	6.73	W/ R-1550-0054, (3)
S-6A	44'SP'+46.74	RT-13.50	H INLET	859.37	856.37	3.00	W/ R-3067-7004-V
* S-7	17'OR'+82.55	LT-23.00	5X5 SAS	859.77	854.88	4.89	FP, W/ R-1550-0054,, (3), (6)x2
S-7A	44'SP'+45.50	LT-13.50	H INLET	859.45	854.97	4.48	W/ R-3067-7004
S-7B	17'OR'+96.93	LT-15.12	H INLET	859.84	856.84	3.00	W/ R-3067-7004-V
S-8	17'OR'+20.00	RT-5.92	6X6 CB	859.10	852.12	6.98	W/ (2) R-1550-0054, (1)
S-8A	17'OR'+20.00	RT-13.50	H INLET	859.10	852.15	6.95	W/ R-3067-7004
S-8B	45'SP'+30.00	RT-13.50	H INLET	858.98	852.36	6.62	W/ R-3067-7004-V
S-8C	45'SP'+30.00	LT-13.50	H INLET	859.20	855.82	3.38	W/ R-3067-7004-V
S-8D	46'SP'+40.00	RT-13.50	H INLET	858.28	852.91	5.37	W/ R-3067-7004-V
S-8E	47'SP'+17.00	RT-13.50	H INLET	856.69	853.69	3.00	W/ R-1550-0054
S-9	17'OR'+96.55	RT-18.90	3X3 SAS	859.89	856.30	3.59	W/ R-1550-0054, (3)
S-9A	17'OR'+96.50	RT-14.20	H INLET	859.81	856.81	3.00	W/ R-3067-7004-V
* S-11	14'OR'+43.25	RT-22.45	H INLET	854.89	852.44	2.45	FP, W/ R-3067-7004
S-12	14'OR'+45.84	RT-17.23	INLET CAP	-	852.10	-	SEE BID ITEM #90031
S-13	47'SP'+17.94	LT-9.32	COLLAR	-	854.75	-	REPLACE EX. COLLAR
S-14	15'OR'+07.50	LT-17.50	3X3 SAS	857.05	850.05	7.00	W/ R-1550-0054, (3), (6)
S-15	46'SP'+47.11	RT-18.10	COLLAR	-	852.91	-	(6)
* S-16	12'OR'+40.65	LT-13.50	H INLET	852.90	847.59	5.31	
* S-16A	12'OR'+40.86	LT-16.87	COLLAR	-	847.61	-	(6)

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-1A	9	847.41	847.42	0.11%	12"	RCP	
P-1A	S-1A	S-1B	11	847.42	847.44	0.18%	12"	RCP	
P-1B	S-1B	S-1C	45	847.44	847.50	0.13%	12"	RCP	
P-4	AS 4652-096	S-4	14	847.76	847.83	0.50%	12"	RCP	
P-5	S-8	S-5	17	852.37	852.46	0.53%	15"	RCP	NCM
P-6	S-5	S-6	31	852.46	852.62	0.52%	12"	RCP	NCM
P-6A	S-6	S-6A	6	855.37	856.37	16.67%	12"	RCP	
P-7	S-5	S-7	61	854.57	854.88	0.51%	12"	RCP	(7)
* P-7A	S-7	S-7A	17	854.88	854.97	0.53%	12"	RCP	NCM, (7)
P-7B	S-7	S-7B	18	855.60	856.84	6.89%	12"	RCP	NCM
P-8A	S-8	S-8A	6	852.12	852.15	0.50%	15"	RCP	
P-8B	S-8A	S-8B	41	852.15	852.36	0.51%	15"	RCP	
P-8C	S-8B	S-8C	27	855.57	855.82	0.93%	12"	RCP	NCM
P-8D	S-8B	S-8D	110	852.36	852.91	0.50%	12"	RCP	
P-8E	S-8D	S-8E	76	852.91	853.69	1.03%	12"	RCP	
P-8F	S-8E	S-13	25	853.69	854.75	4.24%	12"	RCP	
* P-9	S-8C	S-9	38	855.82	856.30	1.26%	12"	RCP	
* P-9A	S-9A	S-9	5	856.20	856.30	2.00%	12"	RCP	NCM
* P-9B	ADJ-5	S-9A	7	856.06	856.20	2.00%	12"	RCP	NCM
* P-12	S-12	S-11	7	852.40	852.44	0.57%	12"	RCP	(7)
P-15	15'OR'+53.00	15'OR'+61.00	8	FIELD	FIELD	FIELD	15"	RCP	(2),(4), POINT REPAIR
* P-16	EX. 36" STM	S-16	17	FIELD	847.59	FIELD	12"	RCP	

SPECIFIC NOTES:

- (1) 3' SUMP BELOW GIVEN EI
- (2) REPAIR PAST DAMAGED PIPE AND PLYWOOD REPAIR PATCH W/ NEW 15" RCP
- (3) CONNECT TO EX. STORM, MAY BE MULTIPLE EXISTING STORM CONNECTIONS
- (4) W/ 2 CONCRETE COLLARS
- (5) LARGER PIPE MAY BE USED AT NO INCREASED COST
- (6) PRIVATE STORM RECONNECT, SEE BID ITEM#90030
- (7) USE ROCK SHIELD BETWEEN STORM AND GAS

STANDARD NOTES:

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- 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 MAX CONWAY OF CITY ENGINEERING AT (608) 261-9127 FOR PRECAST APPROVALS, OR FAX SHOP DRAWINGS TO (608) 264-9275

PLOT SCALE: --- PLOT NAME: --- REV. DATE: ---

ORIGINATOR: CITY OF MADISON STREETS DIVISION

STORM SEWER REMOVAL SCHEDULE

ALIGNMENT CODES:

'OR' = ORCHARD ST
'SP' = SPRING ST
'CC' = CAPITAL CT

ORCHARD AND SPRING RECONST.

SHEET NO.

PROJECT NO. 53W0608

U-8

STORM SEWER REMOVALS

CITY OF MADISON

STORM SEWER STRUCTURE REMOVALS

REMOVAL NO.	STRUC. ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
R-1	AS 4652-036	11'OR'+24.82	LT-17.50	4'X6' SAS	CONNECTED TO R-2 AND R-3
R-2	IN 4652-039	11'OR'+22.70	LT-14.50	INLET	SEE R-1, PAID SEPERATELY FROM R-3
R-3	IN 4652-039	11'OR'+26.70	LT-14.50	INLET	SEE R-1, PAID SEPERATELY FROM R-2
R-4	IN 4652-035	11'OR'+24.00	RT-14.50	INLET	
R-5	NO ID#	12'OR'+40.00	LT-16.90	SAS	
R-6	NO ID#	13'OR'+25.00	LT-16.50	4' DIA SAS	
R-7	AS 4652-045	17'OR'+40.00	LT-18.00	5'X7' SAS	
R-8	IN 4652-046	17'OR'+75.00	LT-17.00	INLET	
R-9	IN 4652-047	17'OR'+78.00	RT-19.50	INLET	
R-10	IN 4652-048	17'OR'+40.00	RT-20.00	INLET	
R-11	AS 4652-050	47'SP'+16.00	RT-20.00	5'X7' SAS	
R-12	IN 4652-051	47'SP'+16.00	RT-13.00	INLET	
R-13	IN 4652-043	15'OR'+08.00	LT-17.50	SADDLED INLET	

PIPE REMOVALS

REMOVE FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	PIPE SIZE	TYPE	NOTES
S-1	S-3	62	N	15"	VP	
S-5	R-7	20	N	15"	RCP	REMOVE FROM PLUG WEST OF S-5
R-7	S-6	20	Y	12"	RCP	
R-7	R-8	35	N	12"	RCP	
R-7	S-7	37	N	4"	CI	
R-7	EX. 48" STM	22	Y	12"	RCP	
R-7	EX. 48" STM	22	Y	12"	VP	
R-10	EX. 48" STM	12	Y	12"	RCP	
S-8B	EX. 48" STM	39	Y	12"	VP	
S-8B	R-11	186	N	12"	VP	
R-11	R-12	7	Y	12"	VP	
R-12	S-13	25	N	12"	VP	
R-9	EX. 48" STM	17	Y	12"	RCP	

STORM SEWER STRUCTURE ADJUSTS

ADJUST NO.	STRUC. ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
ADJ-1	AS 4652-096	13'OR'+20.00	RT-4.00	12'X7' SAS	ADJUST BOTH CASTINGS
ADJ-2	AS 4652-002	13'OR'+55.00	RT-3.50	5'X7' SAS	
ADJ-3	AS 4652-092	15'OR'+65.00	LT-17.50	4' DIA SAS	
ADJ-4	AS 4652-044	16'OR'+45.00	LT-17.50	4' DIA SAS	
ADJ-5	NO ID#	17'OR'+97.00	RT-6.50	SAS	
ADJ-6	NO ID#	20'OR'+92.00	RT-6.00	SAS	
ADJ-7	NO ID#	21'OR'+39.00	RT-6.00	SAS	
ADJ-8	IN 4652-097	47'OR'+18.00	LT-12.50	H INLET	
ADJ-9	AS 4652-056	42'OR'+36.00	RT-17.50	4' DIA SAS	

PIPE ABANDONMENTS

ABAN FROM	ABAN TO	LENGTH (FT)	PIPE SIZE	TYPE	NOTES
S-3	R-5	52	15"	VP	SLURRY FILL
R-5	S-4	80	15"	VP	SLURRY FILL
ADJ-4	S-5	78	15"	RCP	SLURRY FILL

ULO's

NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
ULO-1	11'OR'+01.00	RT-1.90	12" GAS	
ULO-2	14'OR'+44.00	RT-21.00	GAS	
ULO-3	17'OR'+20.00	LT-7.70	GAS	
ULO-4	17'OR'+78.40	LT-25.70	GAS	
ULO-5	17'OR'+79.00	LT-18.50	GAS	
ULO-6	17'OR'+88.00	LT-18.00	FO	
ULO-7	17'OR'+86.00	RT-27.00	FO	
ULO-8	17'OR'+76.00	RT-33.00	GAS	
ULO-9	46'SP'+04.00	RT-13.50	GAS	
ULO-10	46'SP'+12.00	RT-13.50	ELEC	

SPECIFIC NOTES

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SANITARY SCHEDULE

ALIGNMENT CODES:

'OR' = ORCHARD ST
'SP' = SPRING ST
'CC' = CAPITAL CT

ORCHARD AND SPRING RECONST.

PROJECT NO. 53W0608

SHEET NO.

U-9

SANITARY SEWER SCHEDULE

CITY OF MADISON

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
SAS#1	13'OR'+00.00	LT-.45	853.47	845.89	7.58	
SAS#2	13'OR'+47.42	CL	854.09	847.84	6.25	
SAS#3	14'OR'+34.48	CL	855.27	847.44	7.83	
* SAS#4	14'OR'+81.49	CL	856.11	847.73	8.38	TAP 8" PRVT
SAS#7	18'OR'+75.00	LT-1.61	861.08	851.16	9.92	
** SAS#8	22'OR'+41.00	LT-1.75	870.74	853.57	17.17	
SAS#11	43'SP'+93.41	RT-.78	860.26	854.82	5.44	INSTALL CHIMNEY SEAL
* SAS#12	45'SP'+79.23	RT-1.26	858.52	852.12	6.40	
* SAS#13	47'SP'+00.39	LT-.60	857.48	851.53	5.95	INSTALL CHIMNEY SEAL, TAP 8" PRVT
* SAS#14	21'OR'+44.06	LT-1.72	869.08	852.52	16.56	TAP 10" PRVT

PROPOSED SANITARY PIPES

FROM SAS (DWNSTRM)	TO SAS (UPSTREAM)	EI # (DWNSTRM)	EI # (UPSTRM)	LENGTH (FT)	SLOPE (%)	SIZE (DIA)	PVC TYPE	NOTES:
MH02-011	SAS#1	845.03	845.89	216	0.40%	8"	SDR-35	
4652-039	SAS#3	846.62	847.44	206	0.40%	8"	SDR-35	
SAS#3	SAS#2	847.49	847.84	87	0.40%	8"	SDR-35	
* SAS#3	SAS#4	847.54	847.73	47	0.40%	8"	SDR-35	
MHO2-314A	SAS#7	850.46	851.16	141	0.50%	10"	SDR-26	
* SAS#7	SAS#14	851.26	852.52	269	0.47%	10"	SDR-26	
** SAS#14	SAS#8	852.62	853.57	97	0.98%	10"	SDR-26	
* SAS#14	4651-001	853.62	854.36	13	5.69%	10"	SDR-26	
4652-038	SAS#11	853.61	854.82	301	0.40%	8"	SDR-35	INSULATE PIPE <6' DEEP
* SAS#13	SAS#12	851.63	852.12	121	0.40%	8"	SDR-35	INSULATE PIPE <6' DEEP
4652-001	48'SP'+74.00	849.84	850.28	60	0.73%	8"	SDR-35	

*REVISED 5/31/12 MKC

*REVISED 6/27/12 MKC

SANITARY SEWER STRUCTURE REMOVALS

STRUC. ID NO.	STATION	LOCATION (OFFSET)	NOTES
4652-027	42'SP'+61.97	LT-.03	
4652-002	43'SP'+93.41	RT-.78	
4652-021	17'OR'+57.05	LT-1.67	
4652-028	47'SP'+00.39	LT-6.00	
4652-003	13'OR'+00.05	CL	
4652-005	13'OR'+35.89	LT-.05	
4652-007	14'OR'+81.69	RT-1.28	
4651-018	20'OR'+50.00	RT-.93	
4652-009	60'CC'+90.31	LT-1.29	
* 4652-004	12'OR'+98.00	RT-13.50	
* 4652-006	13'OR'+36.00	RT-12.50	
* 4652-008	14'OR'+95.00	RT-11.00	
* UNKNOWN	19'OR'+82.00	RT-11.00	
* 4652-036	44'SP'+92.13	RT-2.49	
** 4651-001	21'OR'+45.87	RT-11.03	

SANITARY SEWER PIPE REMOVALS

REMOVE FROM	REMOVE TO	LENGTH (FT)	PAID (Y/N)	NOTES
4652-038	4652-027	170	N	
4652-027	4652-002	131	N	
SAS#12	4652-028	131	N	
4652-001	48'SP'+74.00	60	N	
MSD MH02-011	4652-003	216	N	
4652-005	4652-007	145	N	
MSD MH02-314A	4652-021	23	N	
4652-021	4651-018	291	N	
4651-018	SAS#8	156	N	

ABANDON SANITARY SEWER

ABANDON FROM	ABANDON TO	LENGTH (FT)	PIPE SIZE	TYPE	NOTES
4652-036	SAS#12	80	8"	VP	W/ PIPE PLUGS
MSD MH02-010A	4652-004	215	8"	VP	W/ PIPE PLUGS
4652-004	4652-006	38	8"	VP	EX. SIPHON, W/ PIPE PLUGS
4652-006	4652-008	158	8"	VP	W/ PIPE PLUGS
4651-019	SAS#8	45	6"	VP	W/ PIPE PLUGS
MSD MH02-314C	UNKNOWN	250	12"	CI	W/ PIPE PLUGS
UNKNOWN	4651-001	165	12"	CI	W/ PIPE PLUGS
4652-006	4652-005	12	6"	VP	W/ PIPE PLUGS

ADJUST SANITARY STRUCTURES

STRUC. ID NO.	STATION	LOCATION (OFFSET)	EX. ADJ	NOTES
4652-001	49'SP'+30.40	LT-2.91	12"	
MH02-011	11'OR'+83.98	LT-2.15	12"	**MMSD TO PROVIDE RUBBER ADJ RING AND CASTING
MH02-314A	17'OR'+34.20	LT-1.90	14"	**MMSD TO PROVIDE RUBBER ADJ RING AND CASTING, CONTRACTOR TO PROVIDE CHIMNEY SEAL
MH02-314C	17'OR'+32.60	RT-11.20	12"	**MMSD TO PROVIDE RUBBER ADJ RING AND CASTING, CONTRACTOR TO PROVIDE CHIMNEY SEAL
4652-038	40'SP'+92.26	RT-.20	8"	
4652-031	49'SP'+30.40	LT-2.90	UNKNOWN	

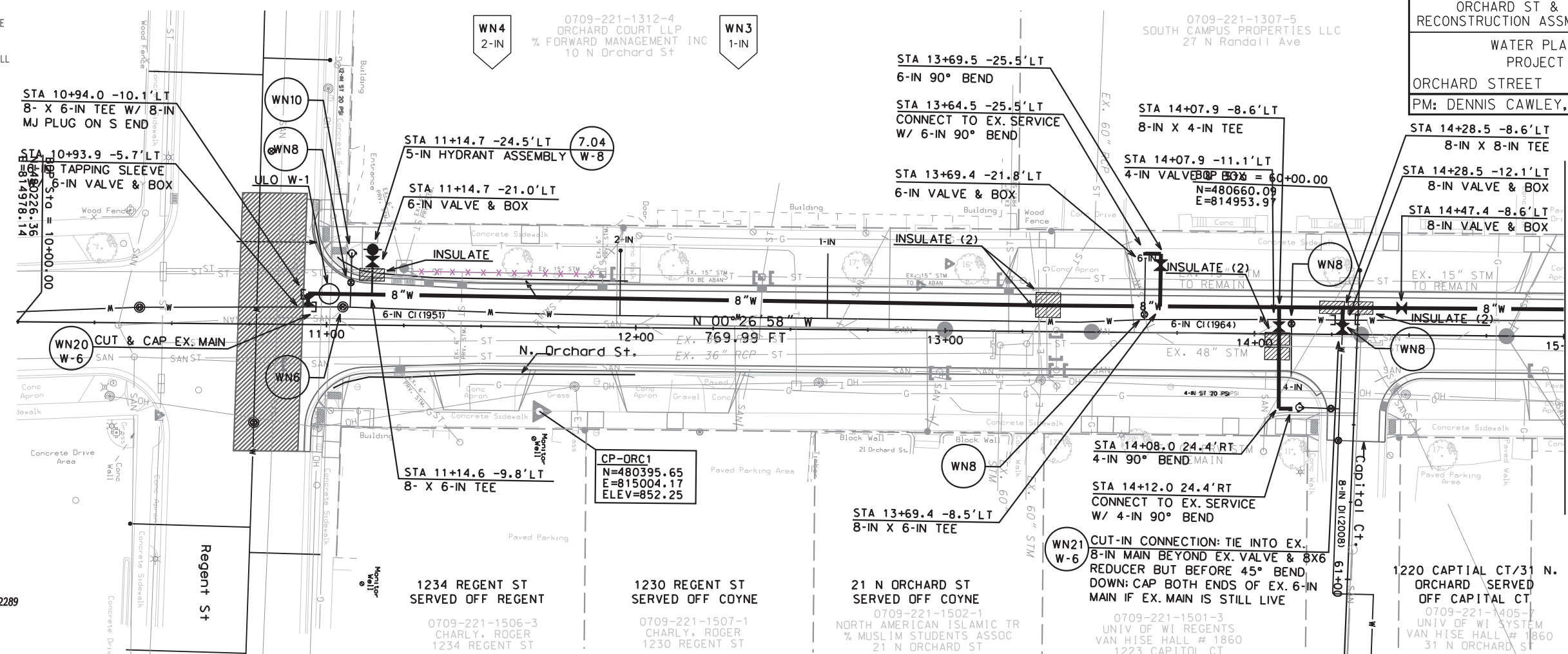
**NOTE: PLEASE NOTIFY MMSD 48 HOURS IN ADVANCE TO PROVIDE CASTING/ RUBBER ADJ RINGS, CONTACT JOHN PODEBRADSKY (608) 516-5862, JOHN.P@MADSEWER.ORG

DISCLAIMER NOTE:
 UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

ORCHARD ST & SPRING ST
 RECONSTRUCTION ASSMNT DIST - 2012
 WATER PLAN AND PROFILE
 PROJECT NO. 53W0608
 ORCHARD STREET
 PM: DENNIS CAWLEY, P.E. DESIGNER: KBM

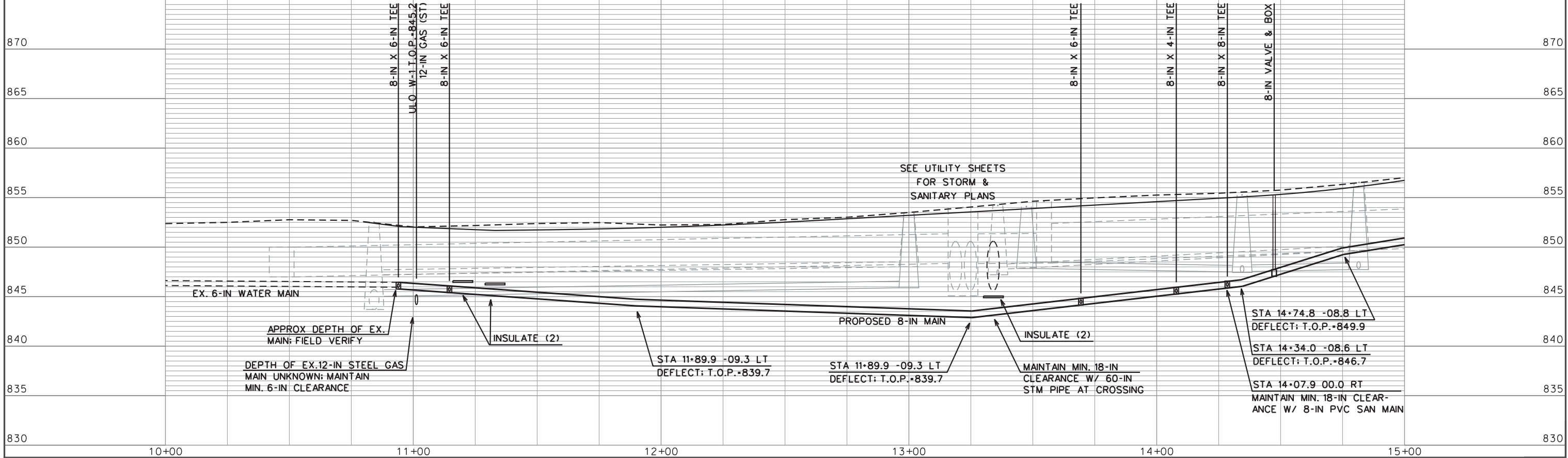
SHEET NO.
 W-1

REVISED 05/31/2012
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TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
 CALL DIGGERS HOTLINE
 811
 or 1-800-242-8511
 TOLL FREE
 FAX-A-LOCATE 1-800-338-3860
 TDD (FOR HEARING IMPAIRED) 1-800-542-2289
 WIS. STATUTE 182.0175 (1974)
 REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

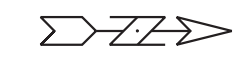
PLOT SCALE:
 PLOT NAME:
 REV. DATE:



ORIGINATOR: CITY OF MADISON, STREETS DIVISION

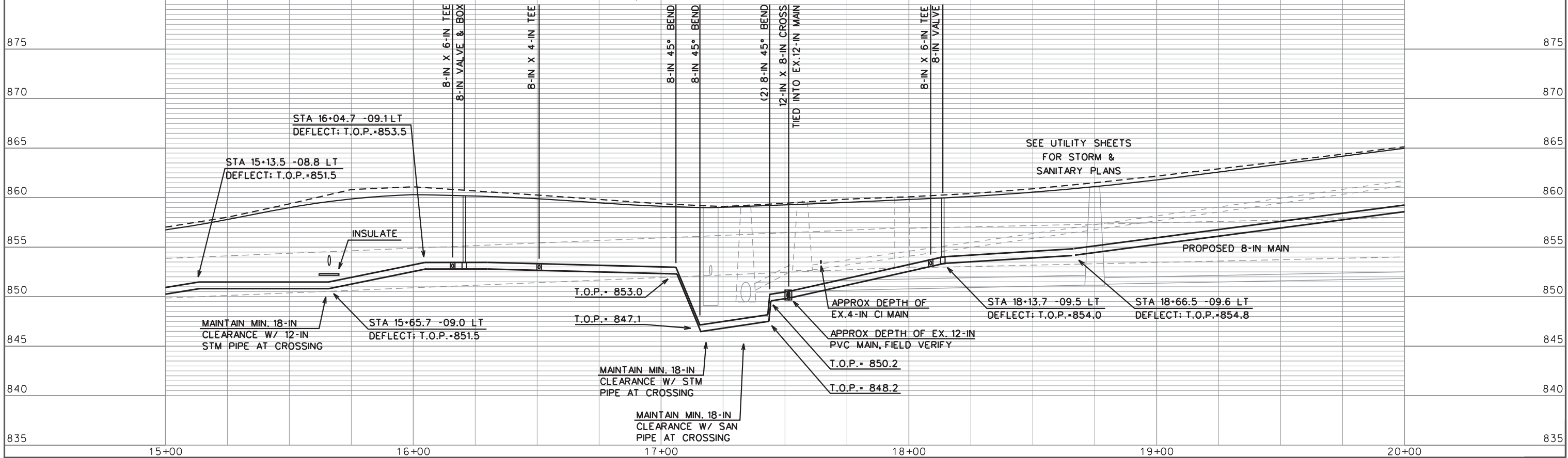
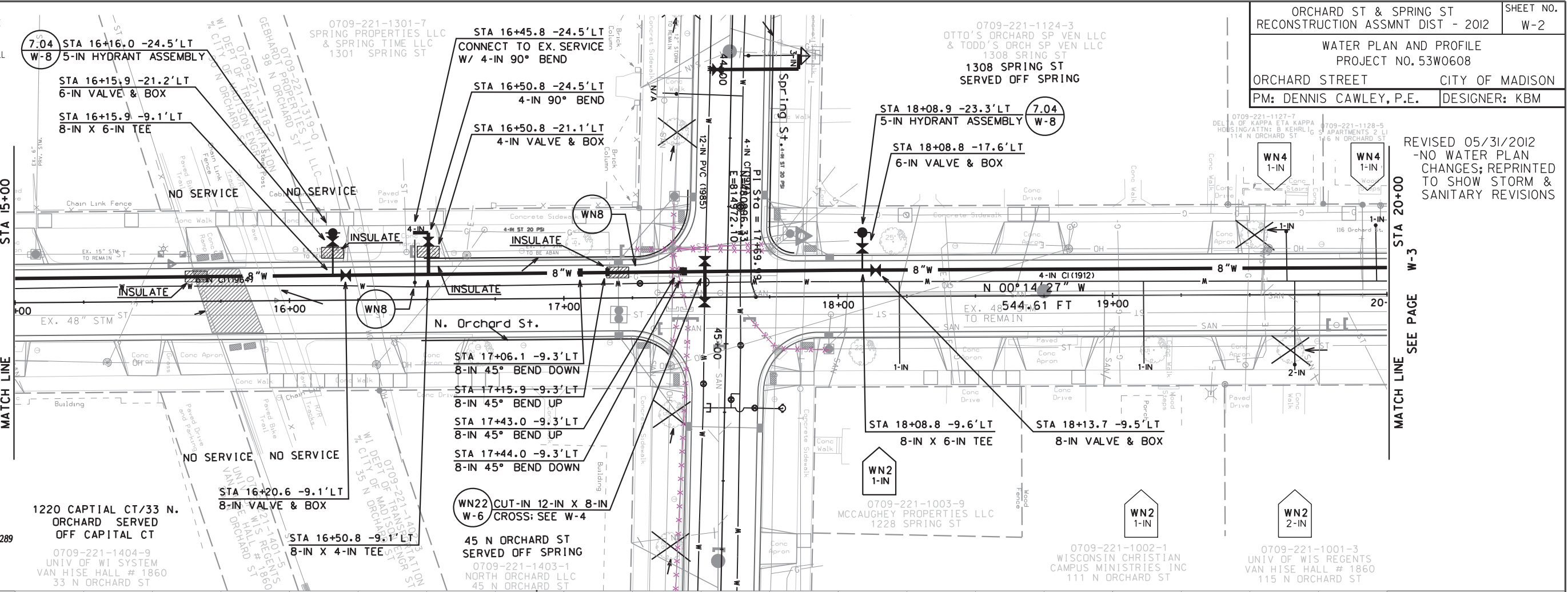
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REVISED 05/31/2012
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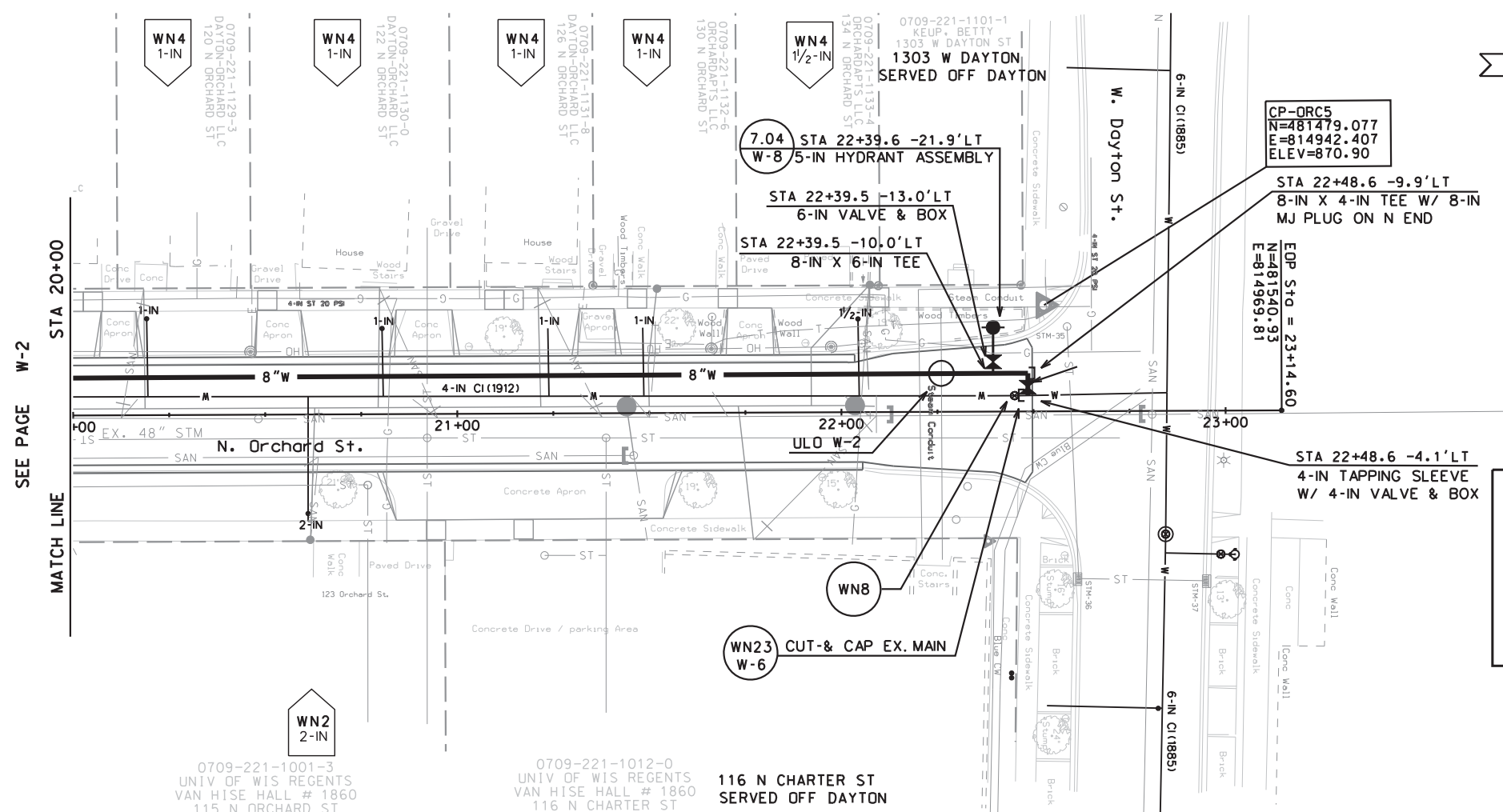
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ORIGINATOR: CITY OF MADISON, STREETS DIVISION

REVISED 05/31/2012



SUMMARY OF 05/31/2012 REVISIONS:

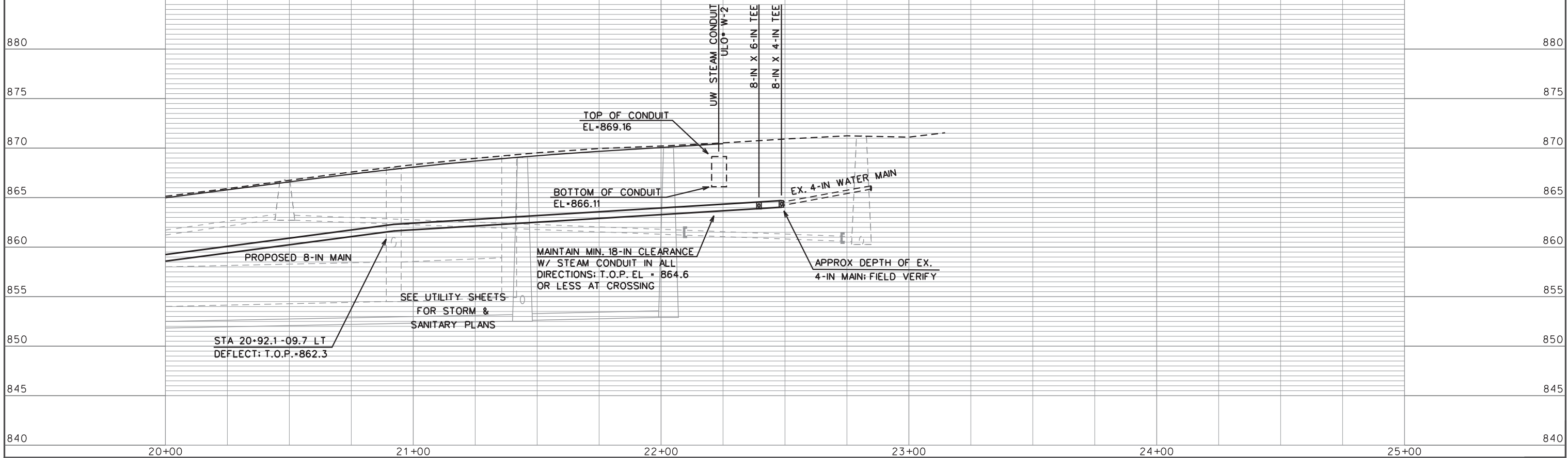
- CHANGED ELEVATION OF TOP AND BOTTOM OF STEAM CONDUIT BASED ON ULO W-2; ADDED TOP AND BOTTOM OF CONDUIT EL. TO PROFILE
- DELETED (2) 8-IN VERTICAL 45-DGR BENDS AT STA 22+31.6 AND 22+32.8
- REDUCED DEPTH OF PROPOSED MAIN BETWEEN STA 20+90 AND 22+50; CALLED OUT T.O.P. EL. AT STORM CROSSING AT STA 20+92.1



TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE 811
or 1-800-242-8511
TOLL FREE
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289
WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

DISCLAIMER NOTE:
UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.



PLOT SCALE: PLOT NAME: REV. DATE: ORIGINATOR: CITY OF MADISON, STREETS DIVISION

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0709-221-1121-9
GEBHARDT PROPERTIES LLC
107 N RANDALL AVE
107 N RANDALL AVE SERVED OFF RANDALL; NO SERVICE WORK REQUIRED

0709-221-1122-7
GEBHARDT PROPERTIES LLC
1320 SPRING ST
RECONNECT TO EX. 12-IN PVC MAIN

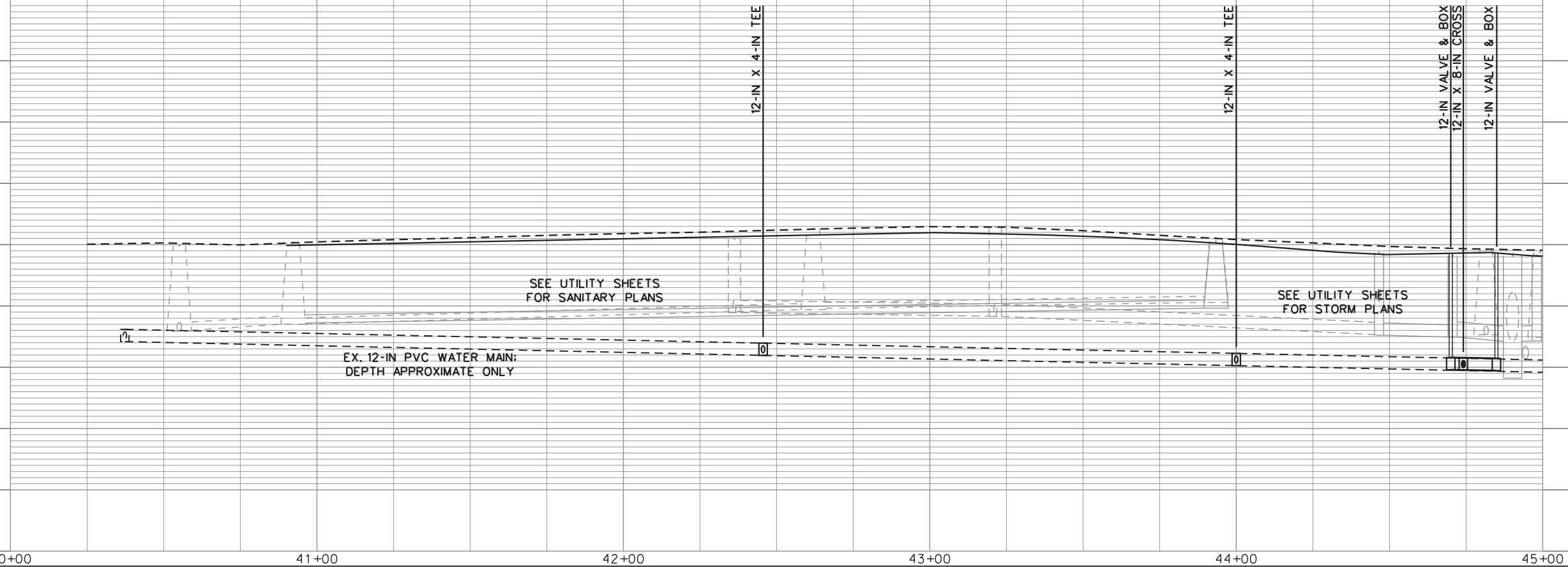
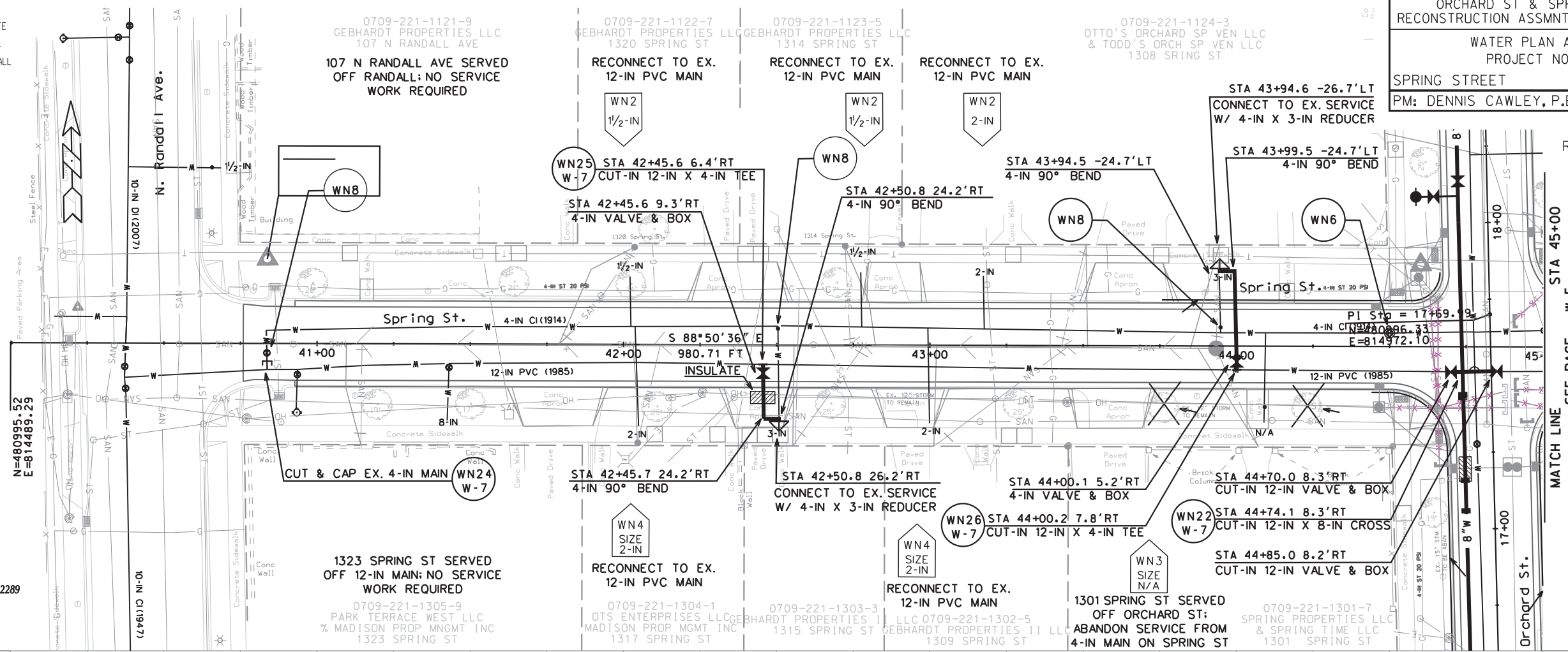
0709-221-1123-5
GEBHARDT PROPERTIES LLC
1314 SPRING ST
RECONNECT TO EX. 12-IN PVC MAIN

0709-221-1124-3
OTTO'S ORCHARD SP VEN LLC & TODD'S ORCH SP VEN LLC
1308 SRING ST
RECONNECT TO EX. 12-IN PVC MAIN

ORCHARD ST & SPRING ST
RECONSTRUCTION ASSMNT DIST - 2012
WATER PLAN AND PROFILE
PROJECT NO. 53W0608
CITY OF MADISON
PM: DENNIS CAWLEY, P.E.
DESIGNER: KBM

SHEET NO.
W-4

REVISED 05/31/2012
-NO WATER PLAN CHANGES; REPRINTED TO SHOW STORM & SANITARY REVISIONS



EX. 12-IN PVC WATER MAIN: DEPTH APPROXIMATE ONLY

SEE UTILITY SHEETS FOR SANITARY PLANS

SEE UTILITY SHEETS FOR STORM PLANS

12-IN VALVE & BOX
12-IN X 8-IN CROSS

12-IN VALVE & BOX

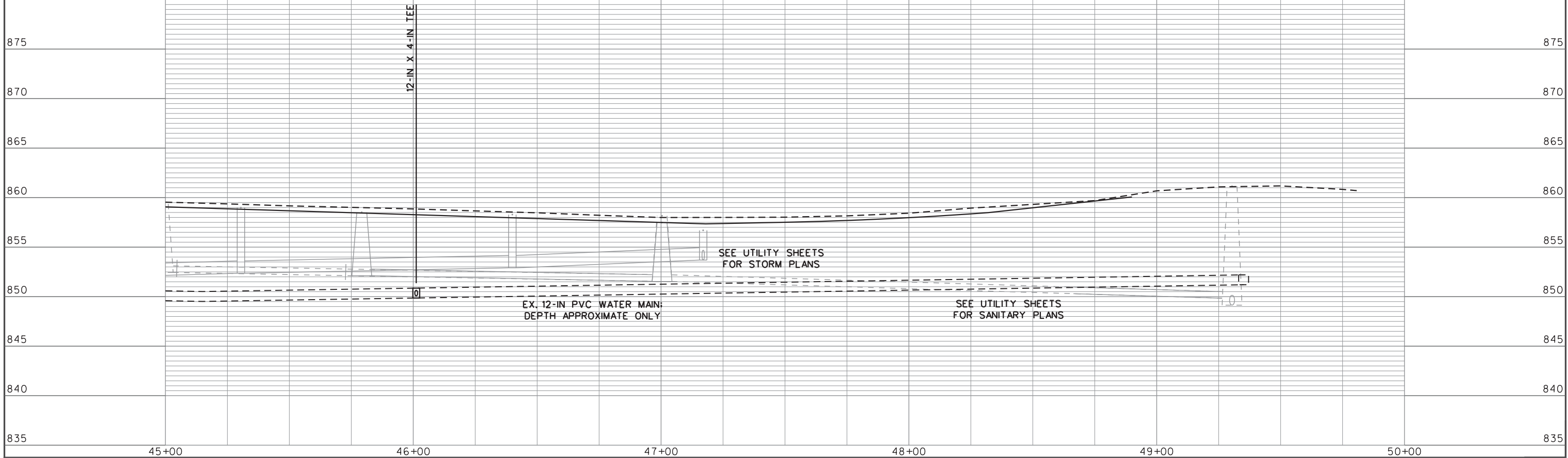
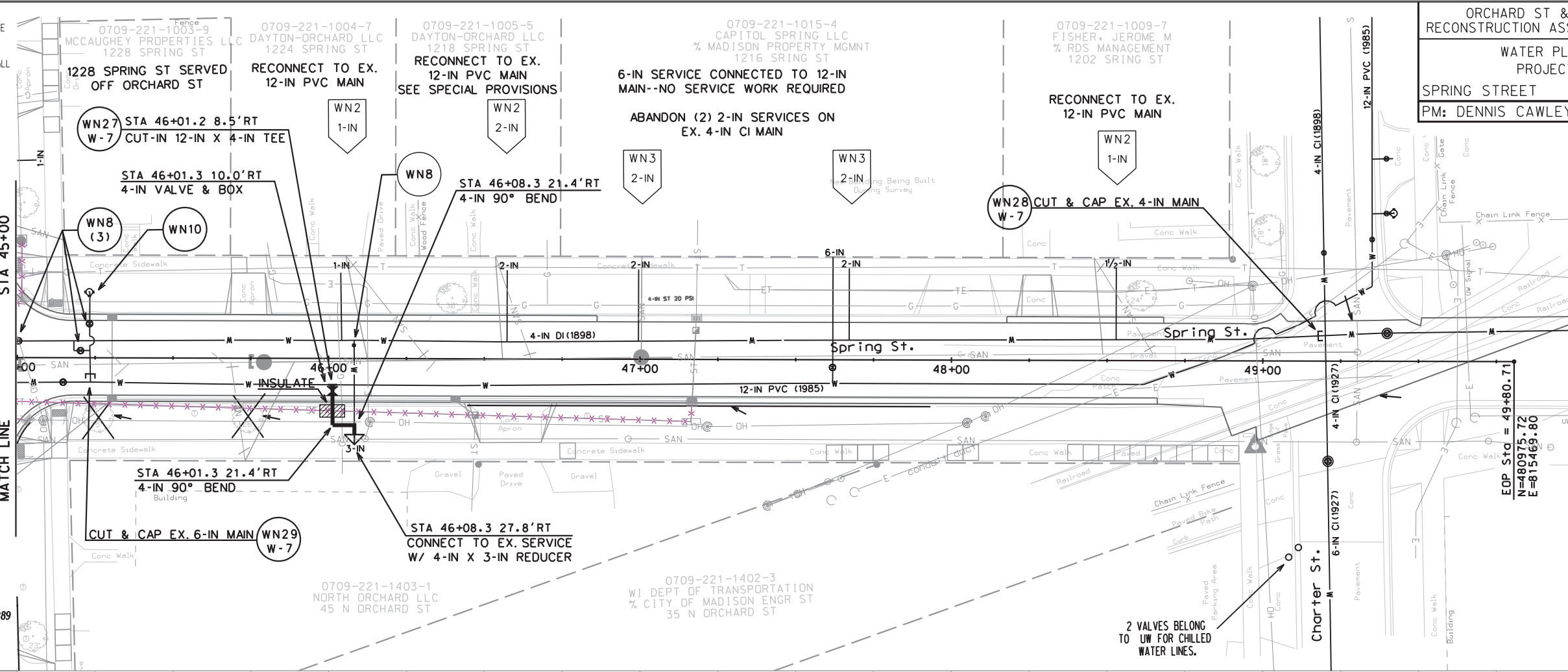
PLOT SCALE:
PLOT NAME:
REV. DATE:
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

DISCLAIMER NOTE:
 UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

ORCHARD ST & SPRING ST
 RECONSTRUCTION ASSMNT DIST - 2012
 WATER PLAN AND PROFILE
 PROJECT NO. 53W0608
 SPRING STREET CITY OF MADISON
 PM: DENNIS CAWLEY, P.E. DESIGNER: KBM

SHEET NO.
 W-5

REVISED 05/31/2012
 NO WATER PLAN CHANGES; REPRINTED TO SHOW STORM & SANITARY REVISIONS



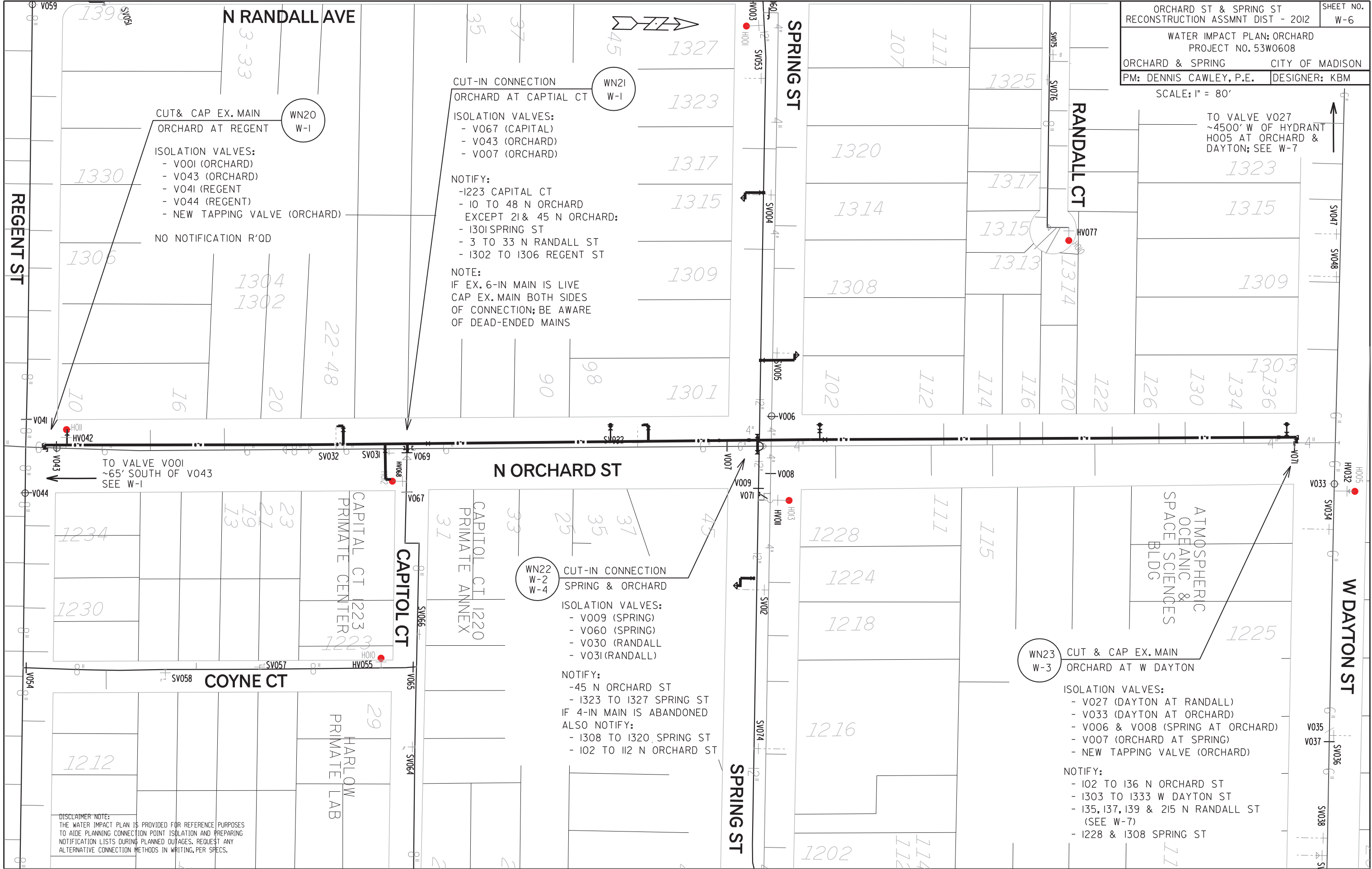
ORIGINATOR: CITY OF MADISON, STREETS DIVISION
 PLOT SCALE: 1"=40'
 PLOT NAME: 53W0608.W-5.RCP02002.DGN
 REV. DATE:



TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN
CALL DIGGERS HOTLINE 811
 or 1-800-242-8511
TOLL FREE
 FAX-A-LOCATE 1-800-338-3860
 TDD (FOR HEARING IMPAIRED) 1-800-542-2289
 WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

SCALE: 1" = 80'

TO VALVE V027
~4500' W OF HYDRANT
H005 AT ORCHARD &
DAYTON; SEE W-7

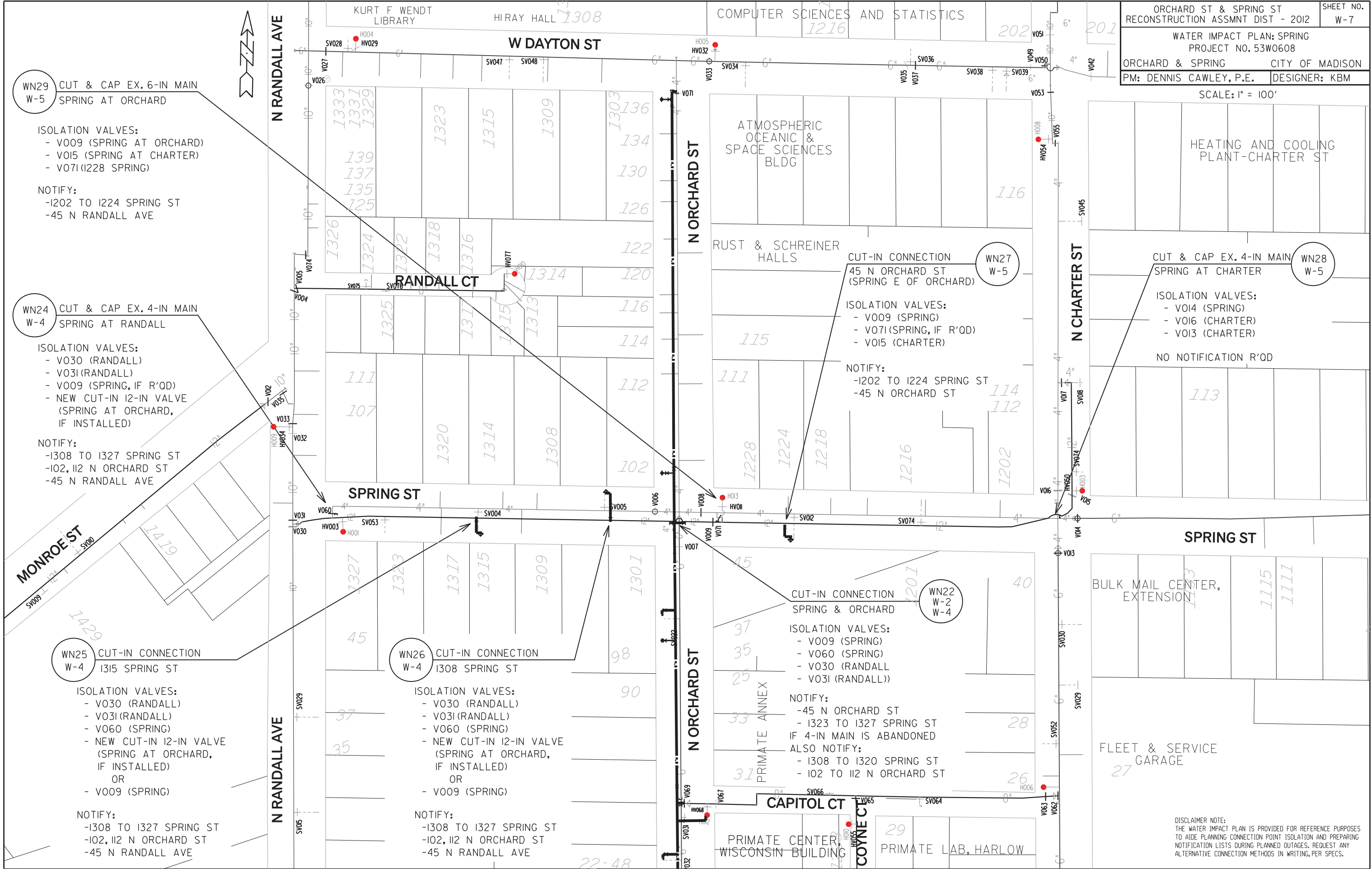


DISCLAIMER NOTE:
THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES
TO AIDE PLANNING CONNECTION POINT ISOLATION AND PREPARING
NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY
ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

PLOT SCALE:
PLOT NAME:
REV. DATE:

ORIGINATOR: S13B31S17N05D16W_20_1113

SCALE: 1" = 100'



WN29 CUT & CAP EX. 6-IN MAIN
W-5 SPRING AT ORCHARD

- ISOLATION VALVES:
- V009 (SPRING AT ORCHARD)
 - V015 (SPRING AT CHARTER)
 - V071 (I228 SPRING)

- NOTIFY:
- I202 TO I224 SPRING ST
 - 45 N RANDALL AVE

WN24 CUT & CAP EX. 4-IN MAIN
W-4 SPRING AT RANDALL

- ISOLATION VALVES:
- V030 (RANDALL)
 - V031 (RANDALL)
 - V009 (SPRING, IF R'OD)
 - NEW CUT-IN 12-IN VALVE (SPRING AT ORCHARD, IF INSTALLED)

- NOTIFY:
- I308 TO I327 SPRING ST
 - I02, I12 N ORCHARD ST
 - 45 N RANDALL AVE

WN25 CUT-IN CONNECTION
W-4 I315 SPRING ST

- ISOLATION VALVES:
- V030 (RANDALL)
 - V031 (RANDALL)
 - V060 (SPRING)
 - NEW CUT-IN 12-IN VALVE (SPRING AT ORCHARD, IF INSTALLED)
 - OR
 - V009 (SPRING)

- NOTIFY:
- I308 TO I327 SPRING ST
 - I02, I12 N ORCHARD ST
 - 45 N RANDALL AVE

WN26 CUT-IN CONNECTION
W-4 I308 SPRING ST

- ISOLATION VALVES:
- V030 (RANDALL)
 - V031 (RANDALL)
 - V060 (SPRING)
 - NEW CUT-IN 12-IN VALVE (SPRING AT ORCHARD, IF INSTALLED)
 - OR
 - V009 (SPRING)

- NOTIFY:
- I308 TO I327 SPRING ST
 - I02, I12 N ORCHARD ST
 - 45 N RANDALL AVE

CUT-IN CONNECTION
45 N ORCHARD ST (SPRING E OF ORCHARD)

- ISOLATION VALVES:
- V009 (SPRING)
 - V071 (SPRING, IF R'OD)
 - V015 (CHARTER)

- NOTIFY:
- I202 TO I224 SPRING ST
 - 45 N ORCHARD ST

CUT-IN CONNECTION
SPRING & ORCHARD

- ISOLATION VALVES:
- V009 (SPRING)
 - V060 (SPRING)
 - V030 (RANDALL)
 - V031 (RANDALL)

- NOTIFY:
- 45 N ORCHARD ST
 - I323 TO I327 SPRING ST
 - IF 4-IN MAIN IS ABANDONED
 - ALSO NOTIFY:
 - I308 TO I320 SPRING ST
 - I02 TO I12 N ORCHARD ST

CUT & CAP EX. 4-IN MAIN
SPRING AT CHARTER

- ISOLATION VALVES:
- V014 (SPRING)
 - V016 (CHARTER)
 - V013 (CHARTER)

NO NOTIFICATION R'OD

SPRING ST

BULK MAIL CENTER,
EXTENSION

FLEET & SERVICE
GARAGE

DISCLAIMER NOTE:
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TO AIDE PLANNING CONNECTION POINT ISOLATION AND PREPARING
NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY
ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.

REV. DATE: PLOT NAME: PLOT SCALE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

CONSTRUCTION NOTES:

- | | |
|--|---|
| <ol style="list-style-type: none"> CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED. MINIMIZE DISTRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE. EXISTING WATER MAIN SHALL REMAIN IN SERVICE UNTIL NEW WATER MAIN IS TESTED AND ACCEPTED BY MADISON WATER UTILITY AND ALL SERVICES ARE RECONNECTED. THE EXISTING UTILITIES SHOWN ON THIS PLAN REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK. | <p>WN1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.</p> <p>WN2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.</p> <p>WN3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.</p> <p>WN4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.</p> <p>WN5 RELOCATE THE EXISTING FIRE HYDRANT.</p> <p>WN6 ABANDON WATER VALVE ACCESS STRUCTURE.</p> <p>WN7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.</p> <p>WN8 ABANDON THE VALVE BOX.</p> <p>WN9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.</p> <p>WN10 REMOVE AND SALVAGE EXISTING HYDRANT</p> <p>WN11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE</p> |
|--|---|

SUMMARY OF 05/31/2012 REVISIONS:
- DELETED (2) 45° BENDS

ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

* ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.

- | | |
|-----------------------|---------------------------------|
| 180' - 4" PIPE | 1 - 12"x8" CROSS |
| 80' - 6" PIPE | 3 - 4"x3" REDUCER |
| 1160' - 8" PIPE | 10 - 4" 90° BEND |
| 20' - 12" PIPE | 2 - 6" 90° BEND |
| 1580' - POLYWRAP | 4 - 8" - 45° BEND |
| 4 - 5" HYDRANT | 3 - 4" CAP |
| 5 - 4" VALVE AND BOX | 3 - 6" CAP |
| 5 - 6" VALVE AND BOX | 2 - 8" MJ PLUG |
| 4 - 8" VALVE AND BOX | 112' - 2" STYROFOAM INSULATION |
| 2 - 12" VALVE AND BOX | 1" COPPER TUBING (AS REQ'D) |
| 3 - 8"x4" TEE | 1 1/2" COPPER TUBING (AS REQ'D) |
| 6 - 8"x6" TEE | 2" COPPER TUBING (AS REQ'D) |
| 1 - 8"x8" TEE | |
| 3 - 12"x4" TEE | |

MATERIALS SUPPLIED BY CITY:

- 1 - 4"x4" TAPPING SLEEVE W/ 4" VALVE & BOX
- 1 - 6"x6" TAPPING SLEEVE W/ 6" VALVE & BOX

REMOVED/SALVAGED MATERIALS:

NONE

REUSED MATERIALS:

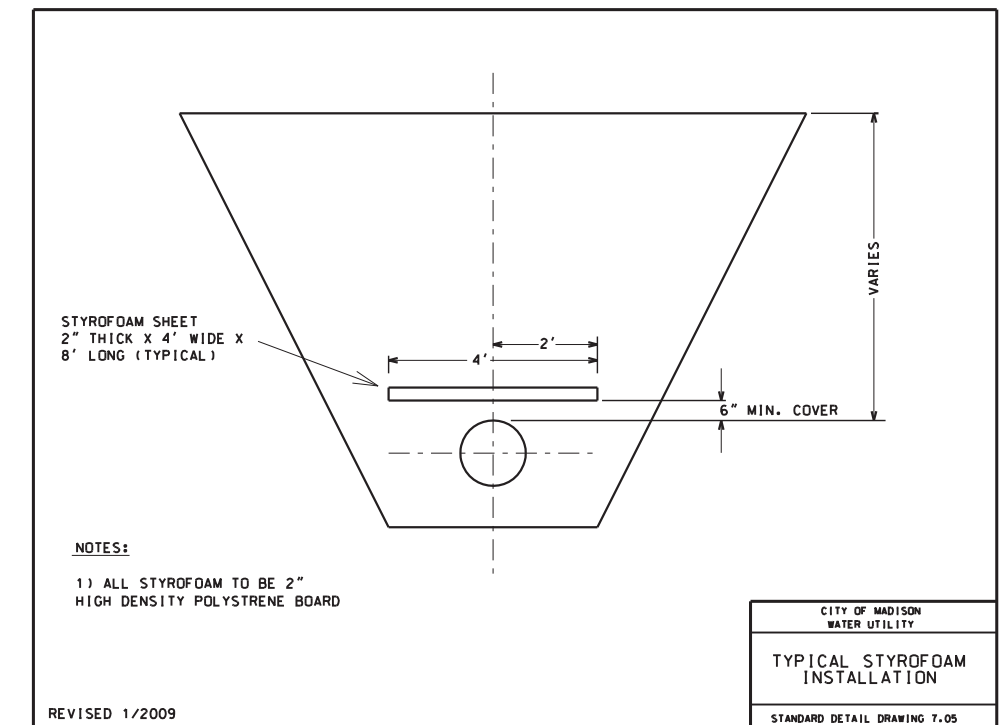
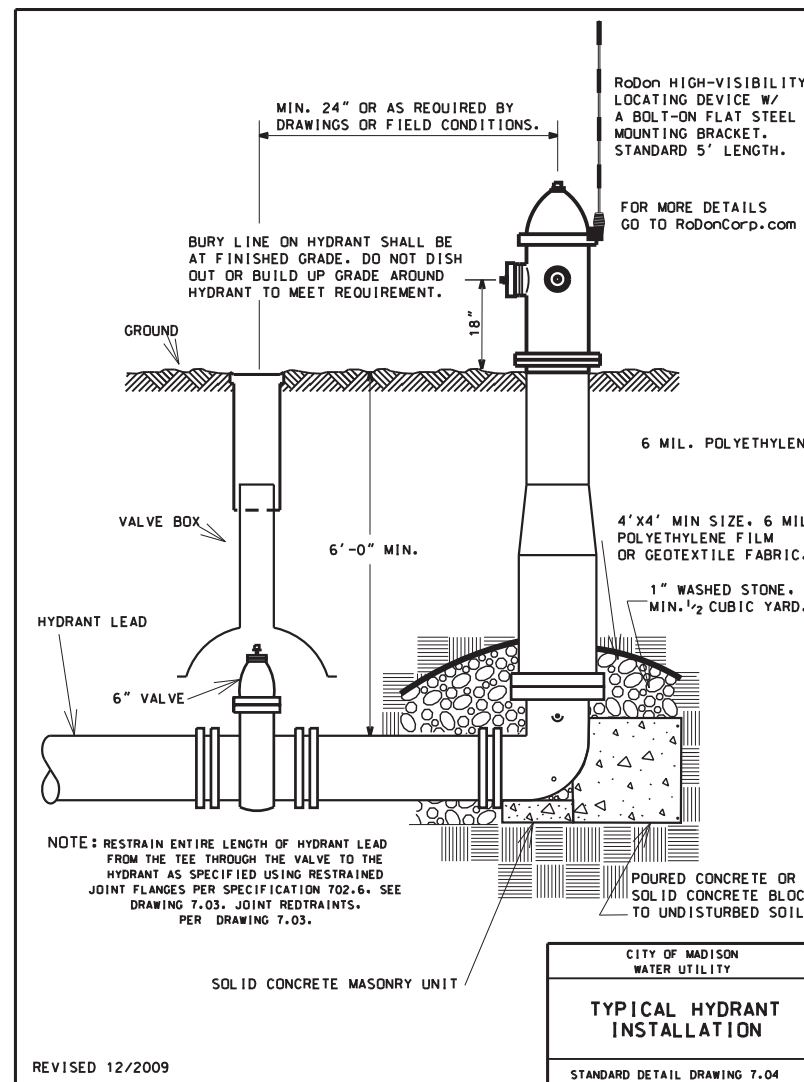
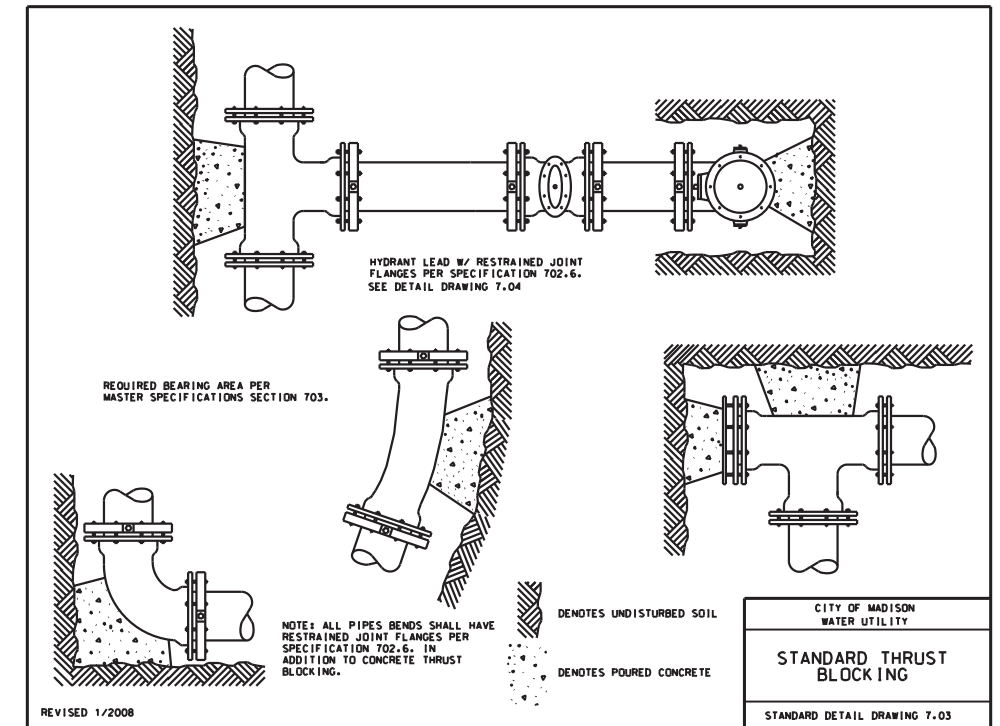
NONE



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TOLL FREE
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

WIS. STATUTE 182.0175 (1974)
REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.



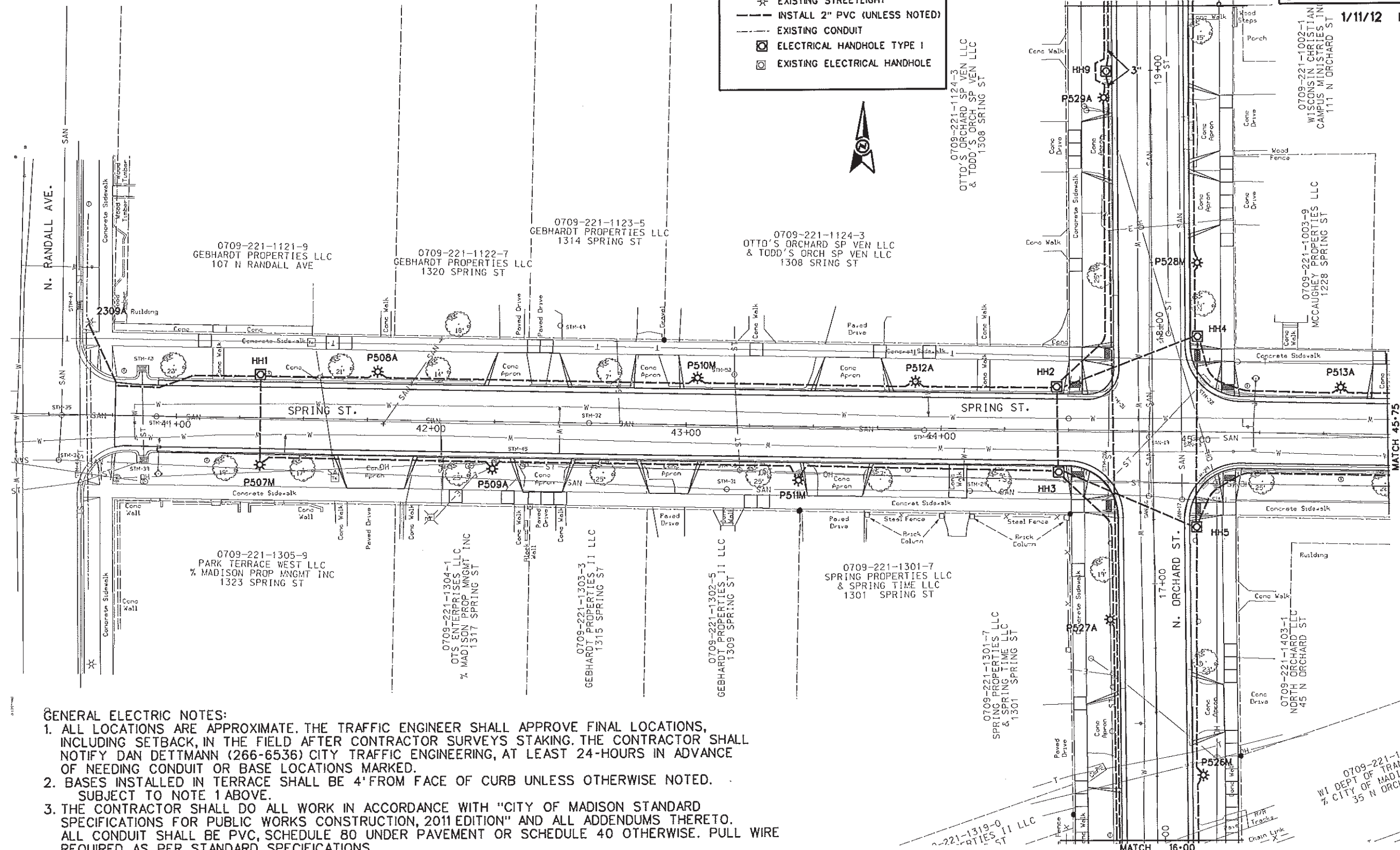
ELECTRICAL PLAN

SPRING-ORCHARD CITY OF MADISON

1/11/12 KF SL1131.dgn

LEGEND

- ⊛ LB-1 BASE
- ⊛ EXISTING STREETLIGHT
- INSTALL 2" PVC (UNLESS NOTED)
- EXISTING CONDUIT
- ⊠ ELECTRICAL HANDHOLE TYPE I
- ⊠ EXISTING ELECTRICAL HANDHOLE



GENERAL ELECTRIC NOTES:

1. ALL LOCATIONS ARE APPROXIMATE. THE TRAFFIC ENGINEER SHALL APPROVE FINAL LOCATIONS, INCLUDING SETBACK, IN THE FIELD AFTER CONTRACTOR SURVEYS STAKING. THE CONTRACTOR SHALL NOTIFY DAN DETTMANN (266-6536) CITY TRAFFIC ENGINEERING, AT LEAST 24-HOURS IN ADVANCE OF NEEDING CONDUIT OR BASE LOCATIONS MARKED.
2. BASES INSTALLED IN TERRACE SHALL BE 4' FROM FACE OF CURB UNLESS OTHERWISE NOTED. SUBJECT TO NOTE 1 ABOVE.
3. THE CONTRACTOR SHALL DO ALL WORK IN ACCORDANCE WITH "CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2011 EDITION" AND ALL ADDENDUMS THERETO. ALL CONDUIT SHALL BE PVC, SCHEDULE 80 UNDER PAVEMENT OR SCHEDULE 40 OTHERWISE. PULL WIRE REQUIRED AS PER STANDARD SPECIFICATIONS.
4. THE CONTRACTOR SHALL CALL MIKE CHRISTOPH (266-9031) AT THE TRAFFIC ENGINEERING SHOP AT LEAST 24-HOURS IN ADVANCE OF POURING BASES OR BURYING CONDUIT TO ARRANGE FOR INSPECTION. ANY WORK COMPLETED WITHOUT INSPECTION IS SUBJECT TO REJECTION.

ORIGINATOR: CITY OF MADISON, TRAFFIC ENGINEERING

0709-221-140
WI DEPT OF TRANSP
% CITY OF MADISON
35 N ORCHARD

MATCH 16+00
SEE SHT. E2

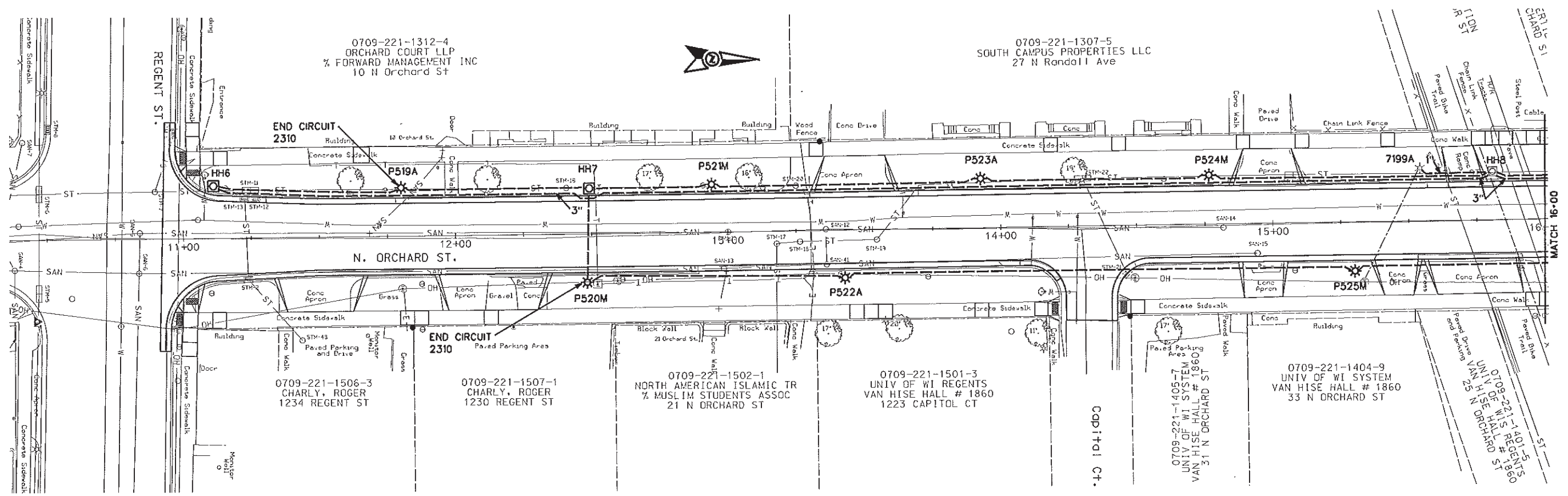
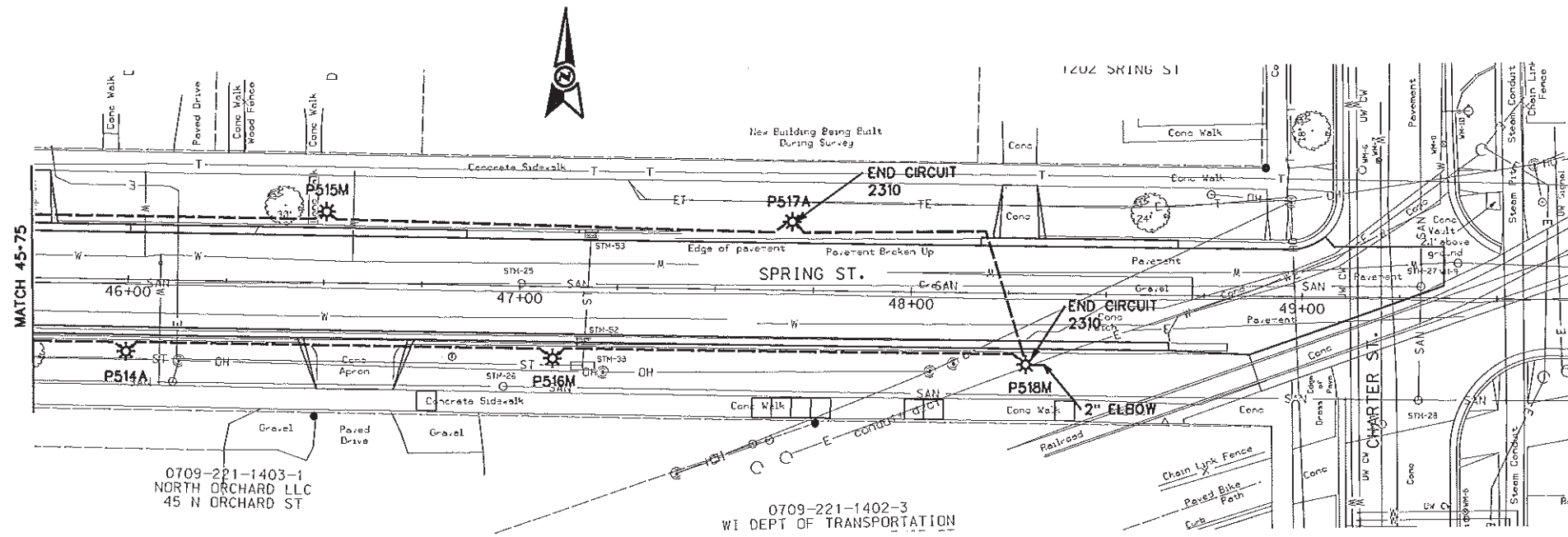
MATCH 45-75
SEE SHT. E2

SEE SHT. E3
MATCH 19-25

ELECTRICAL PLAN

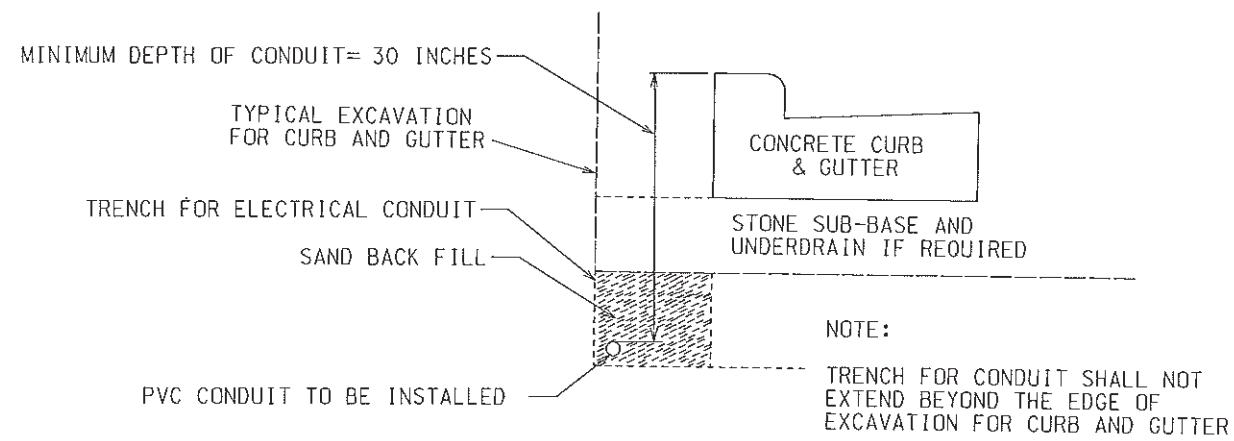
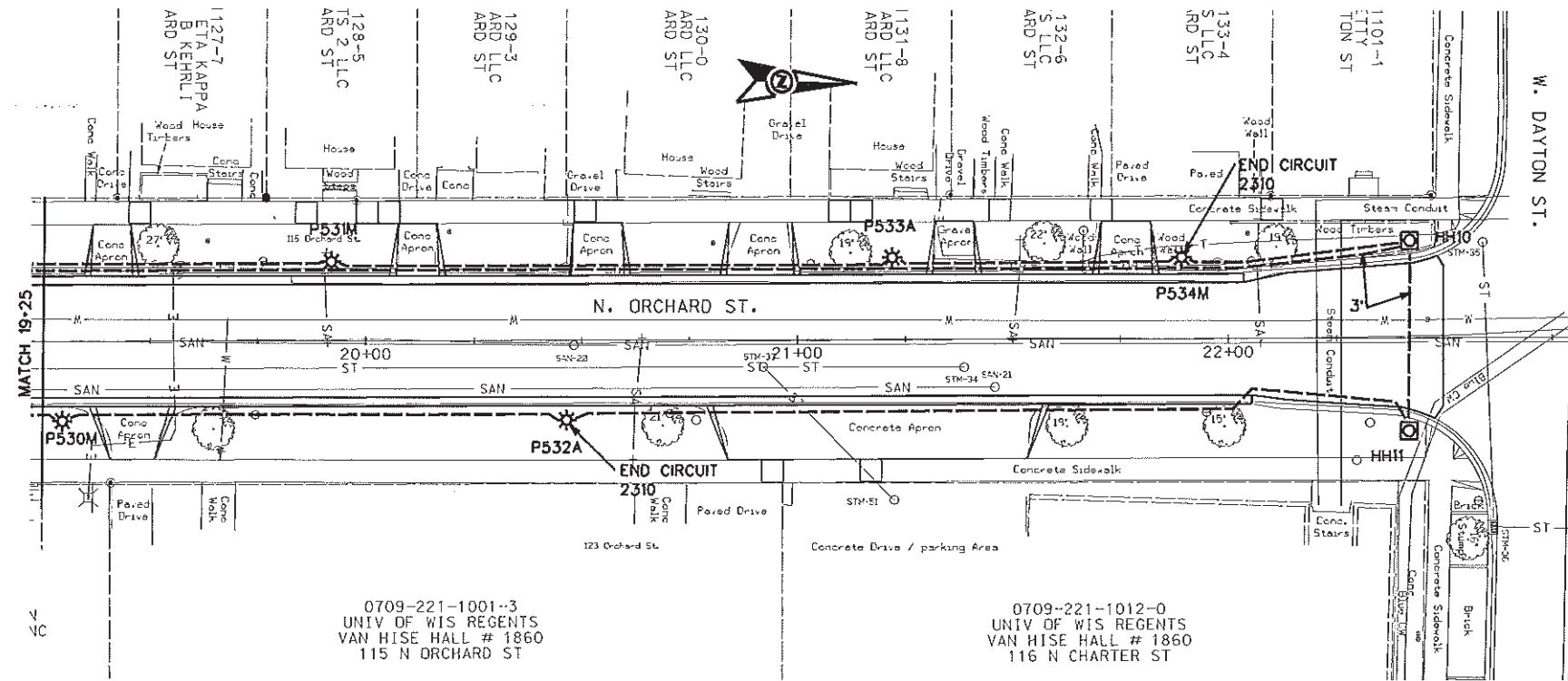
SPRING-ORCHARD CITY OF MADISON

SL1131.dgn

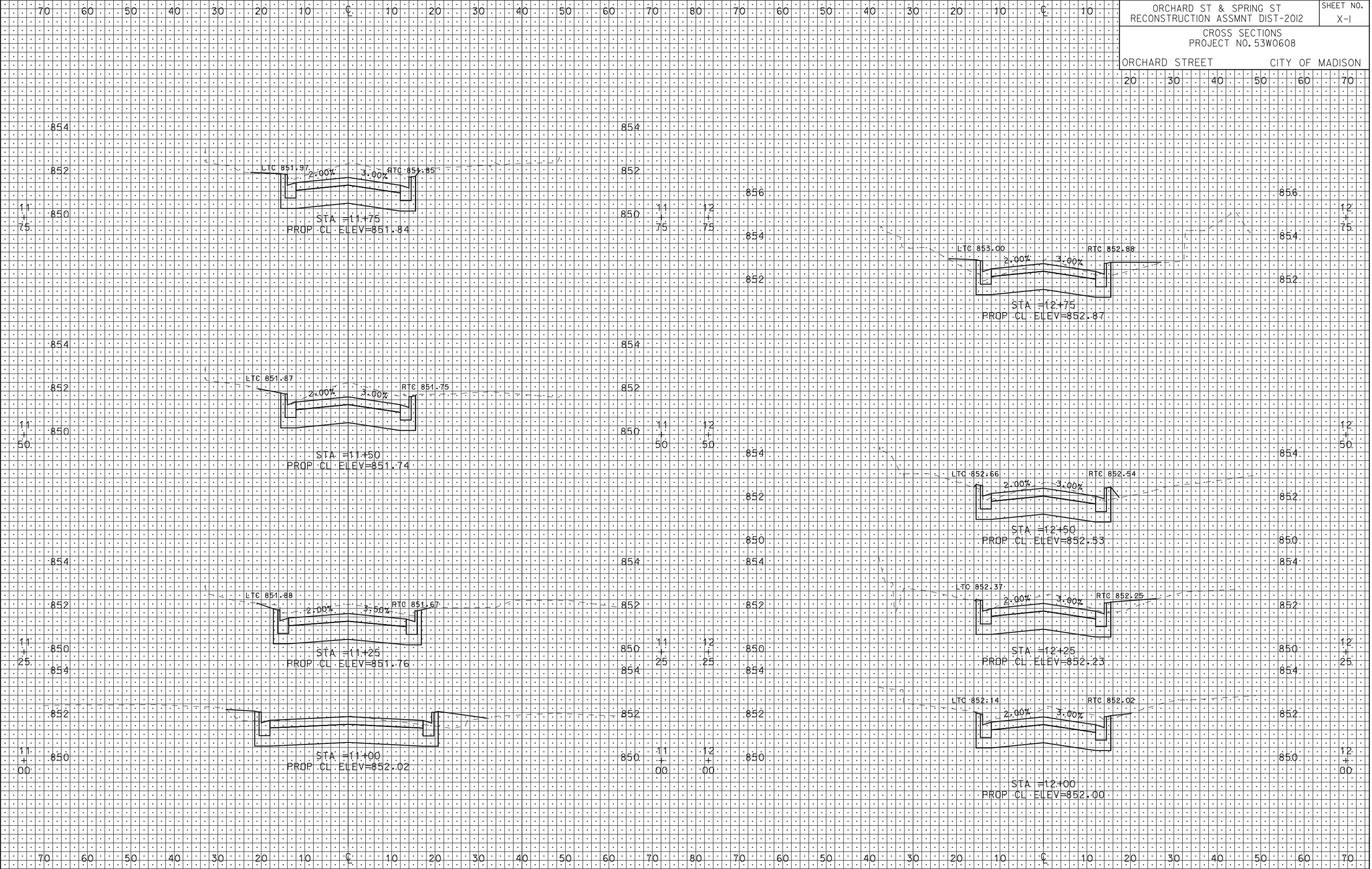


ORIGINATOR: CITY OF MADISON, TRAFFIC ENGINEERING

ELECTRICAL PLAN
SPRING-ORCHARD CITY OF MADISON
SL1131.dgn

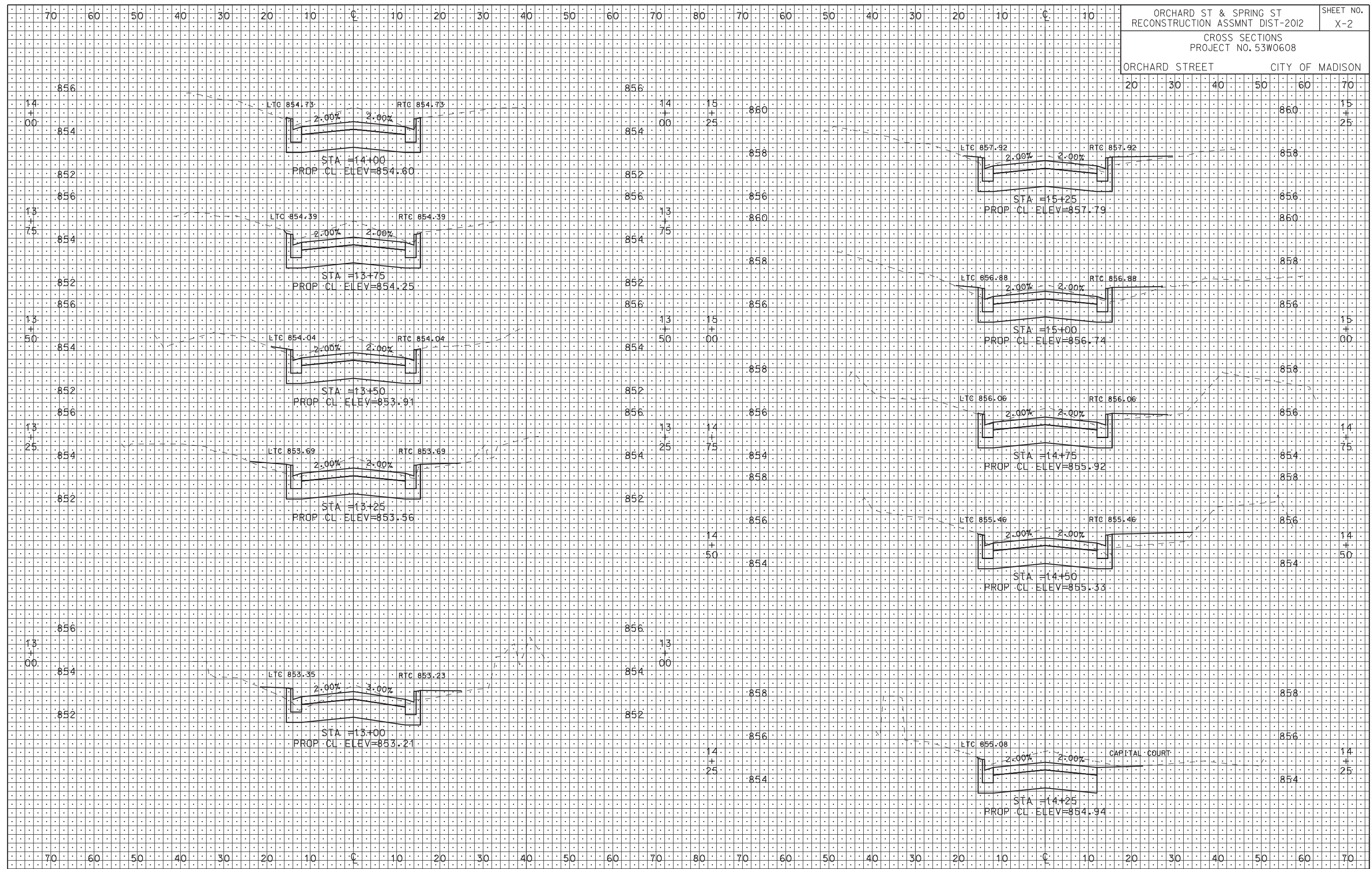


TYPICAL CONDUIT INSTALLATION PARALLEL TO CURB AND GUTTER



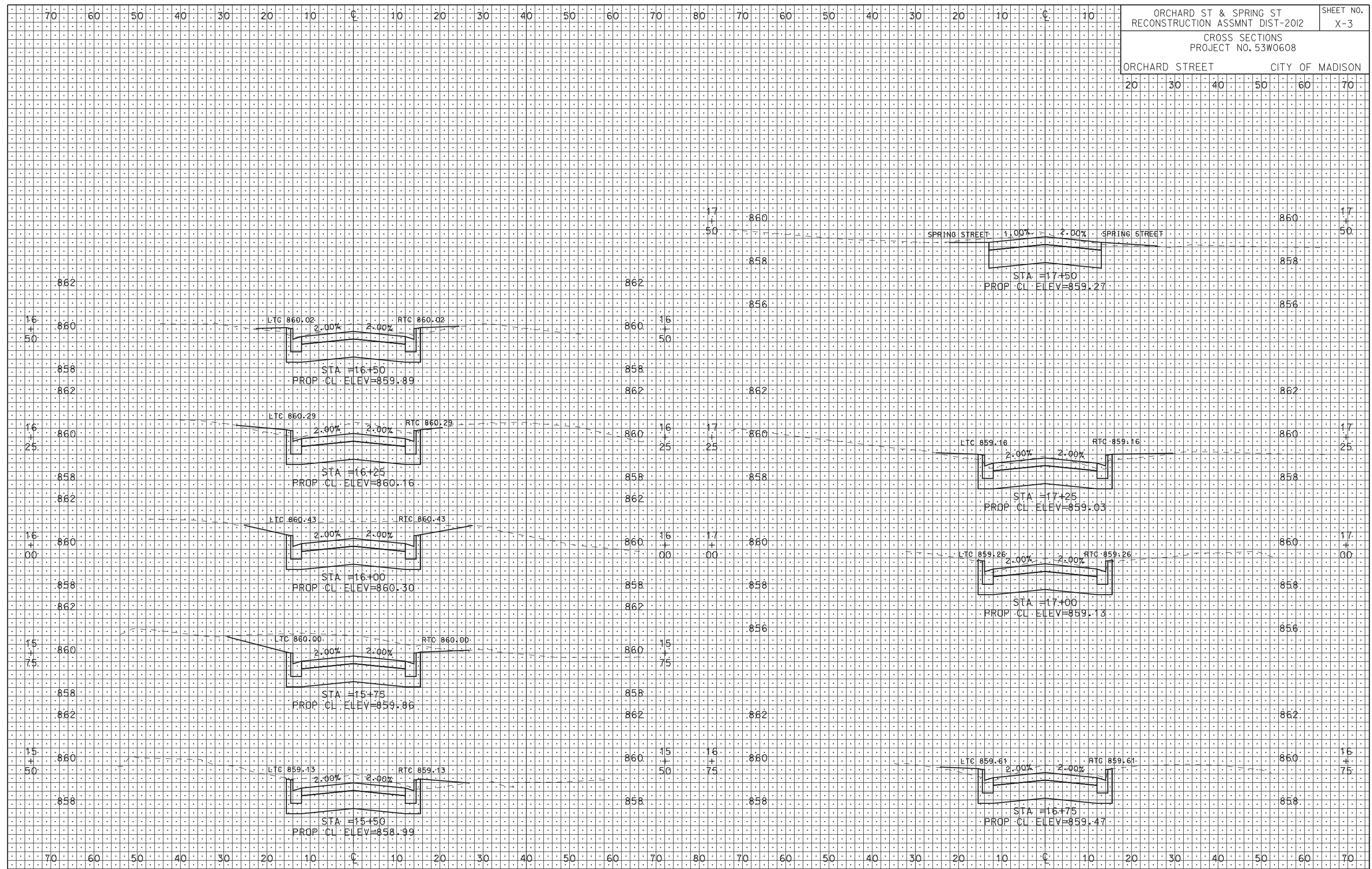
PLOT SCALE:
PLOT NAME:
REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



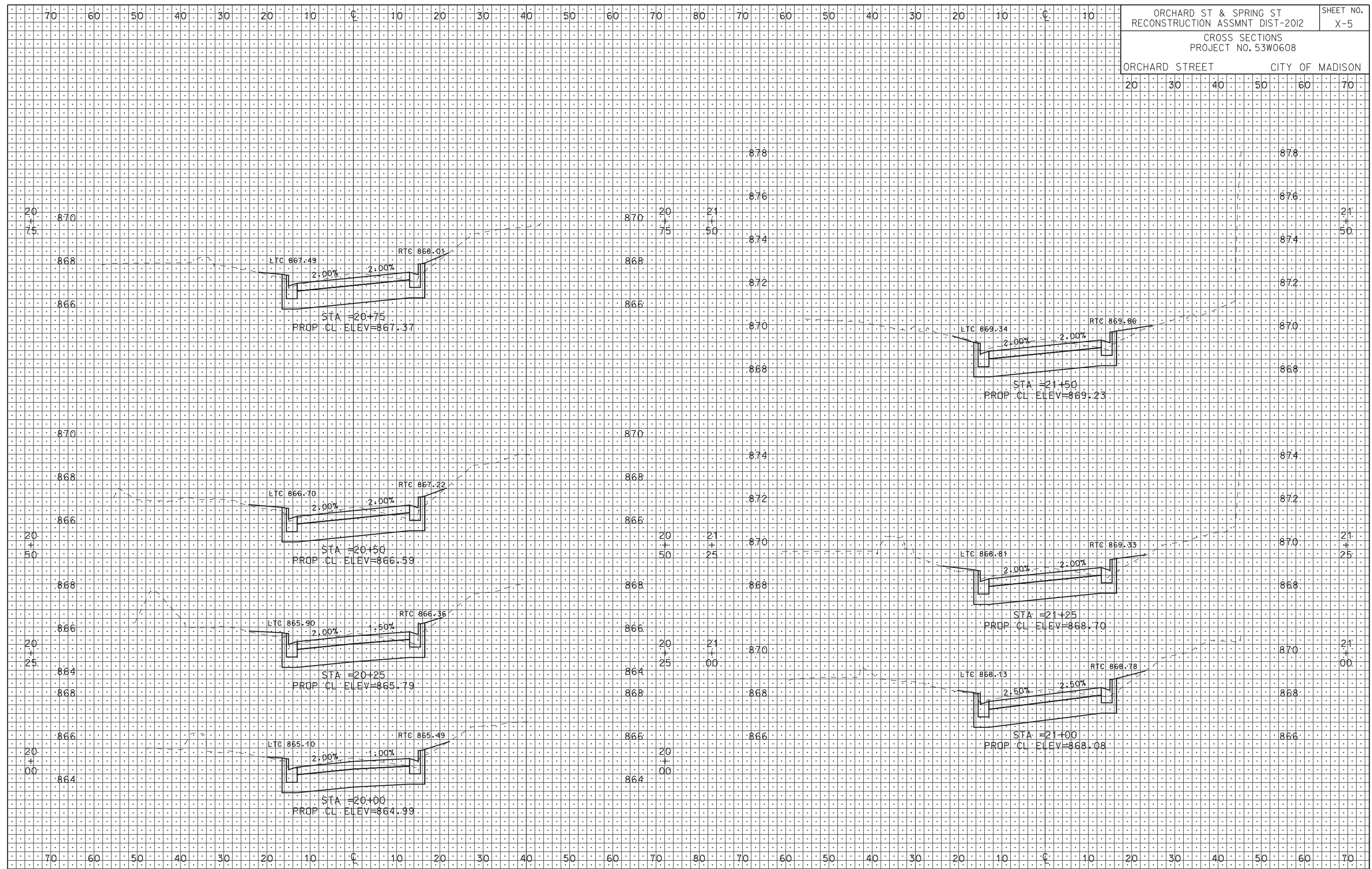
PLOT SCALE:
 PLOT NAME:
 REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE:
 PLOT NAME:
 REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

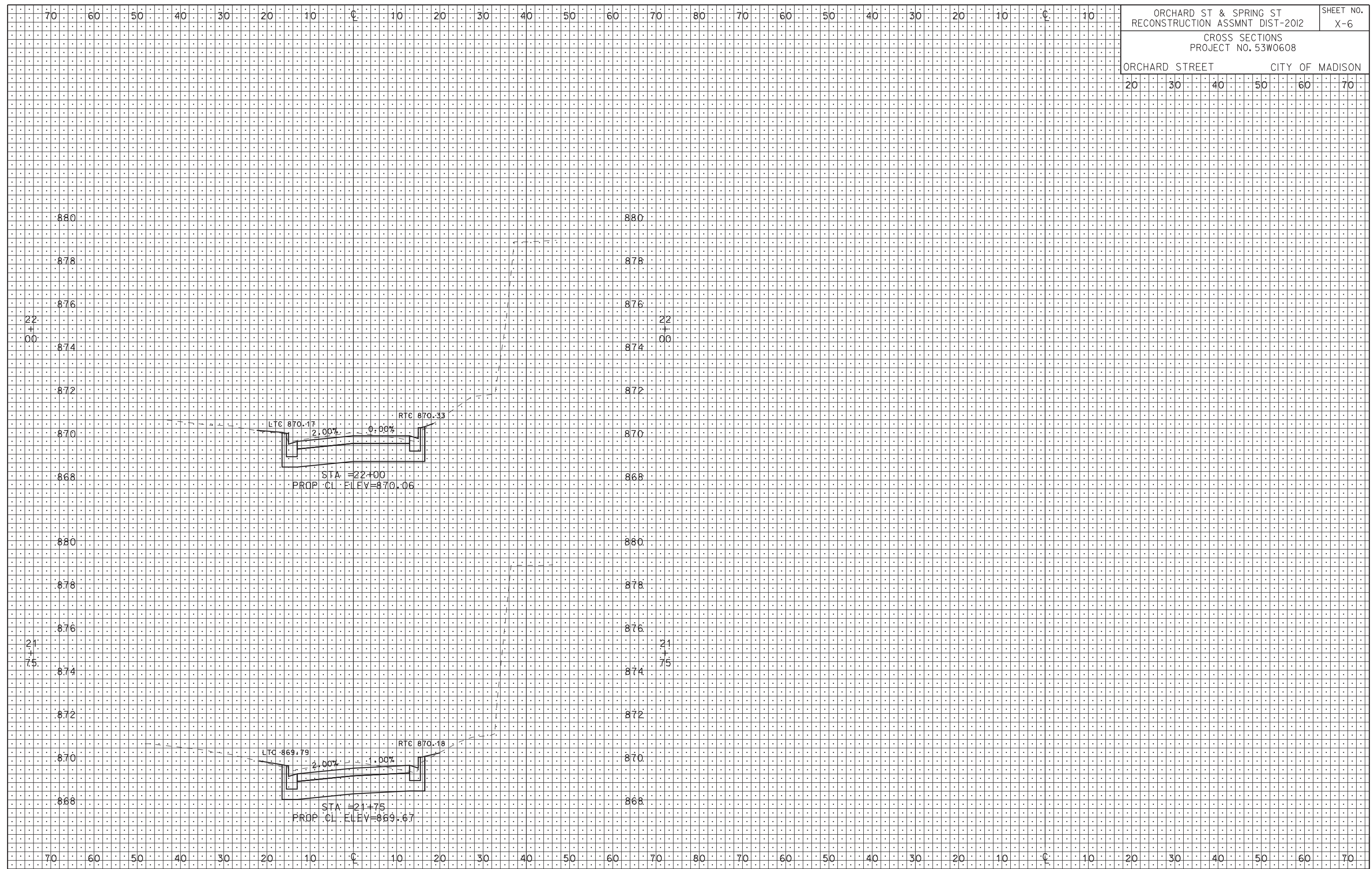


PLOT SCALE: 1"=40'

PLOT NAME: 53W0608.X-5

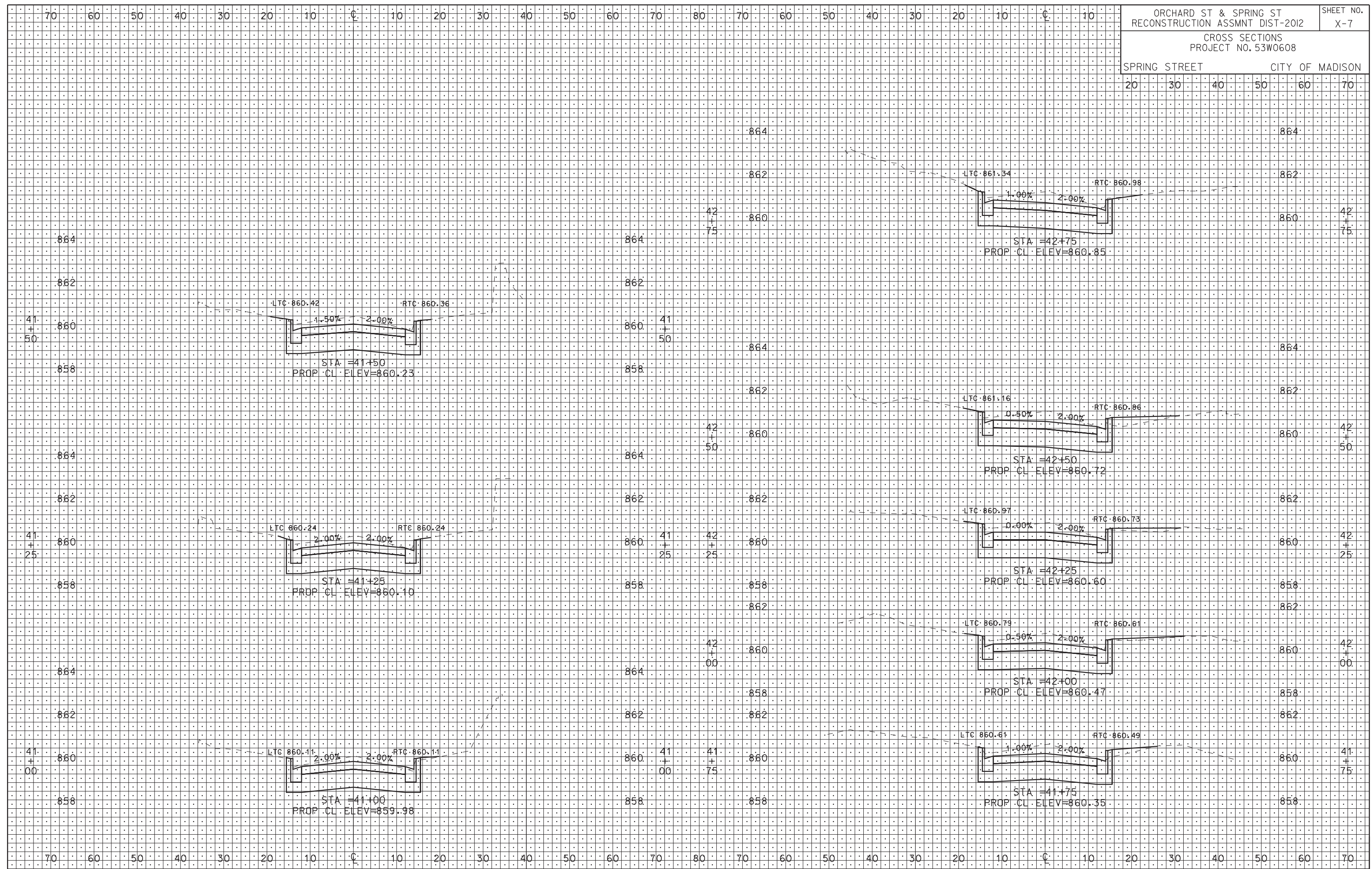
REV. DATE: 1/17/2012

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



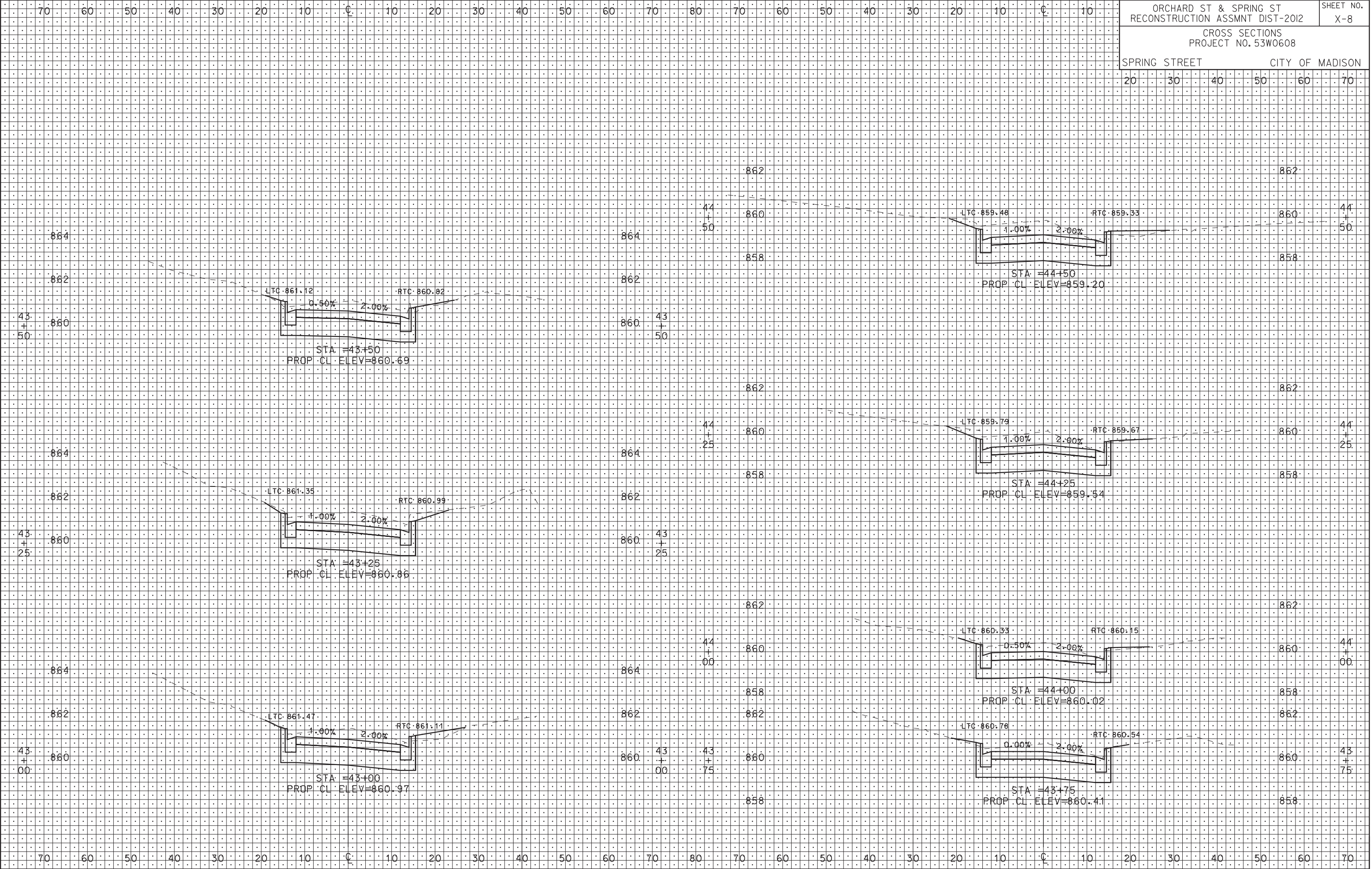
PLOT SCALE:
 PLOT NAME:
 REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: 1"=40'
 PLOT NAME: 53W0608.X-7
 REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

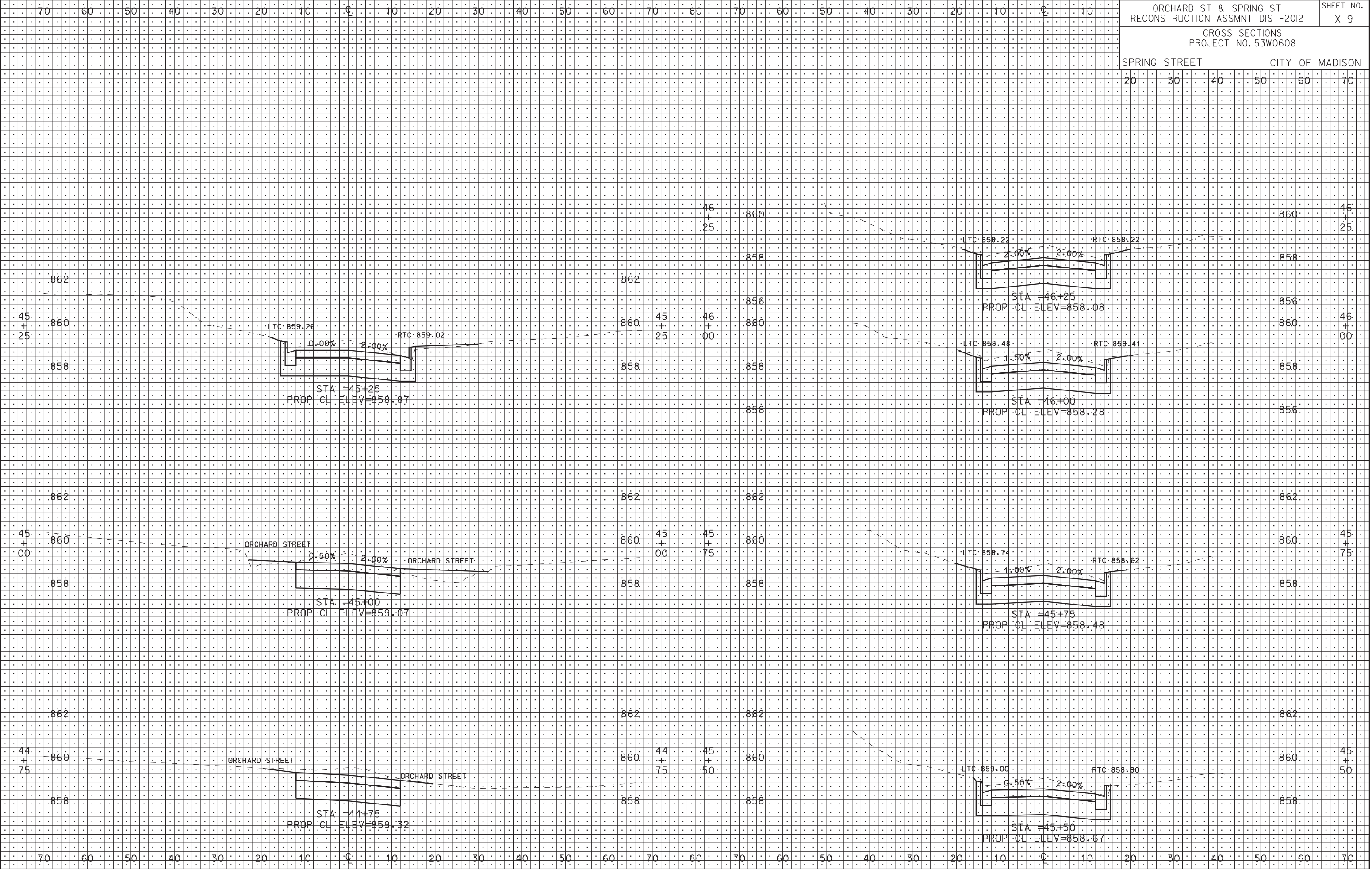


PLOT SCALE: 1"=10'

PLOT NAME: 53W0608.X-8

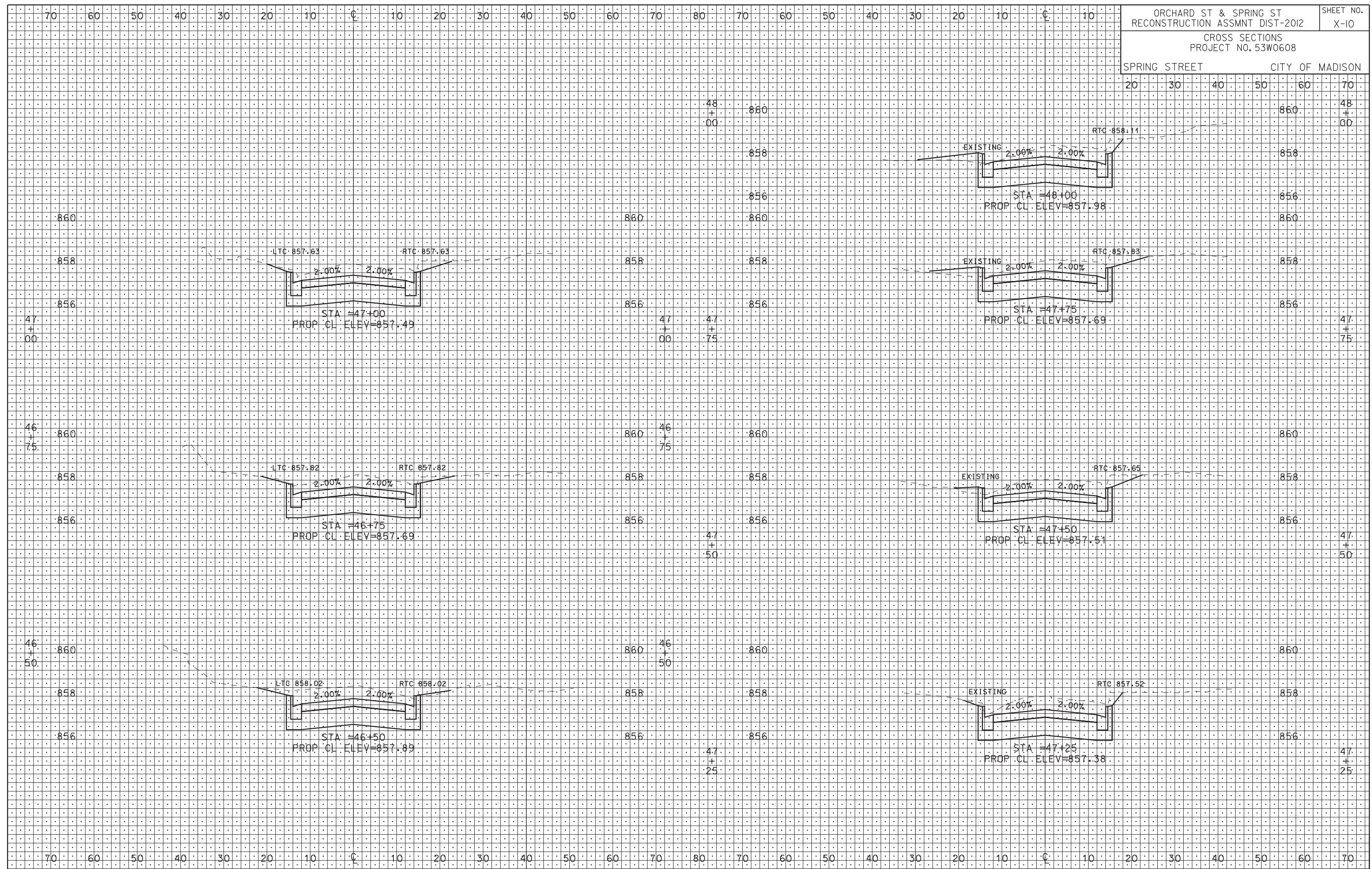
REV. DATE: 1/17/2012

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



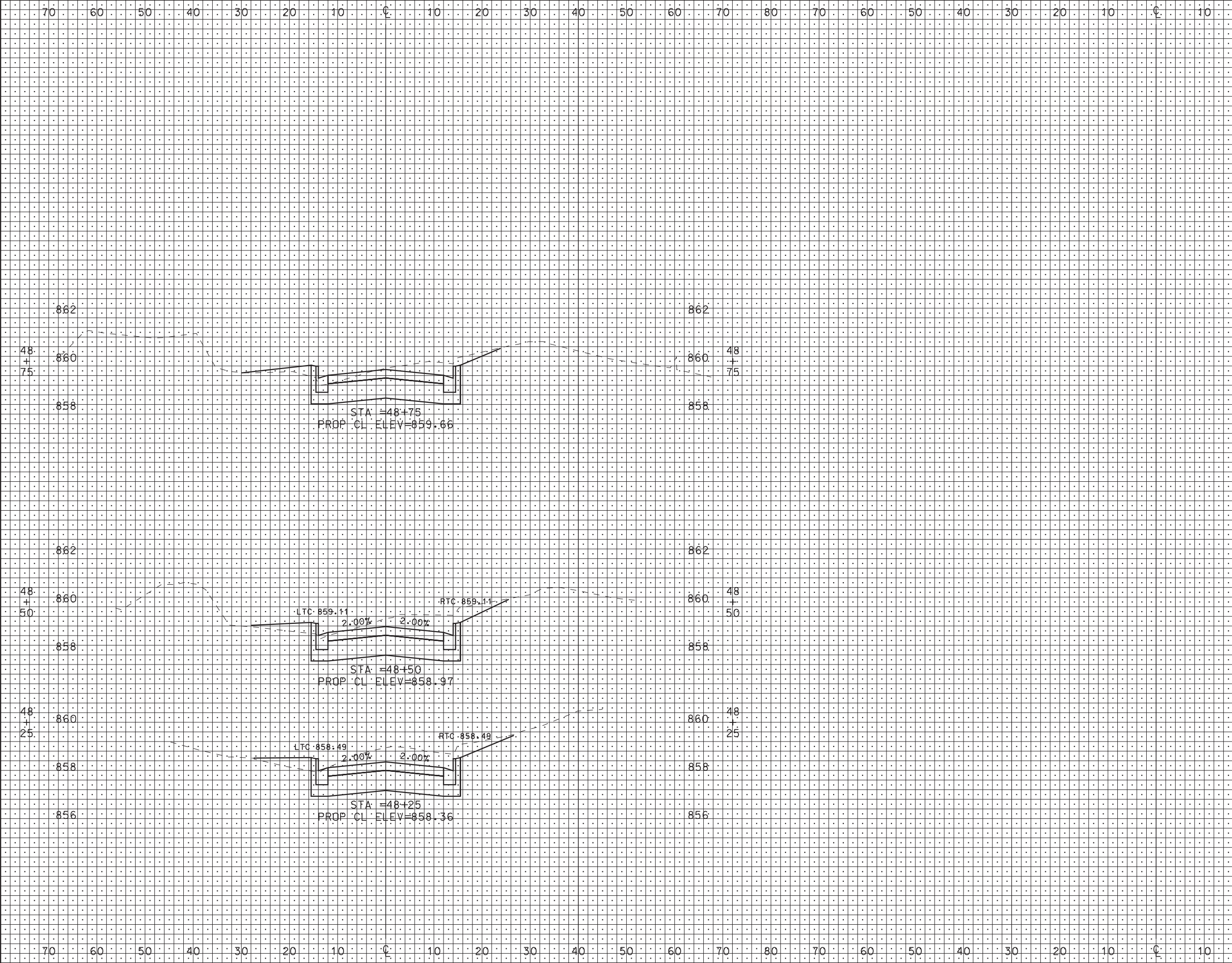
PLOT SCALE:
 PLOT NAME:
 REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



PLOT SCALE: 1" = 10'
 PLOT NAME: 53W0608.X-10
 REV. DATE: 1/17/2012

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



20 30 40 50 60 70

PLOT SCALE: PLOT NAME: REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION