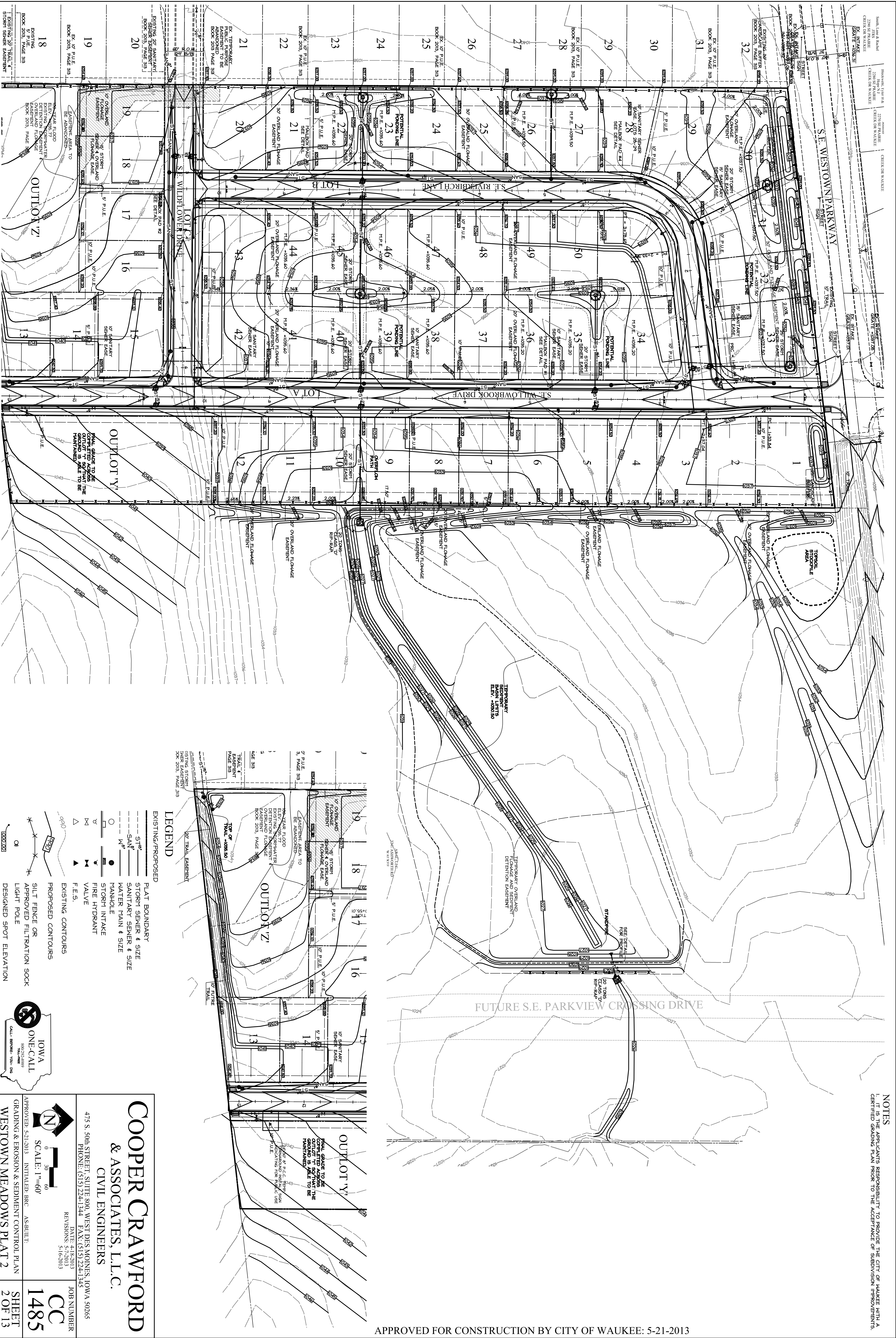
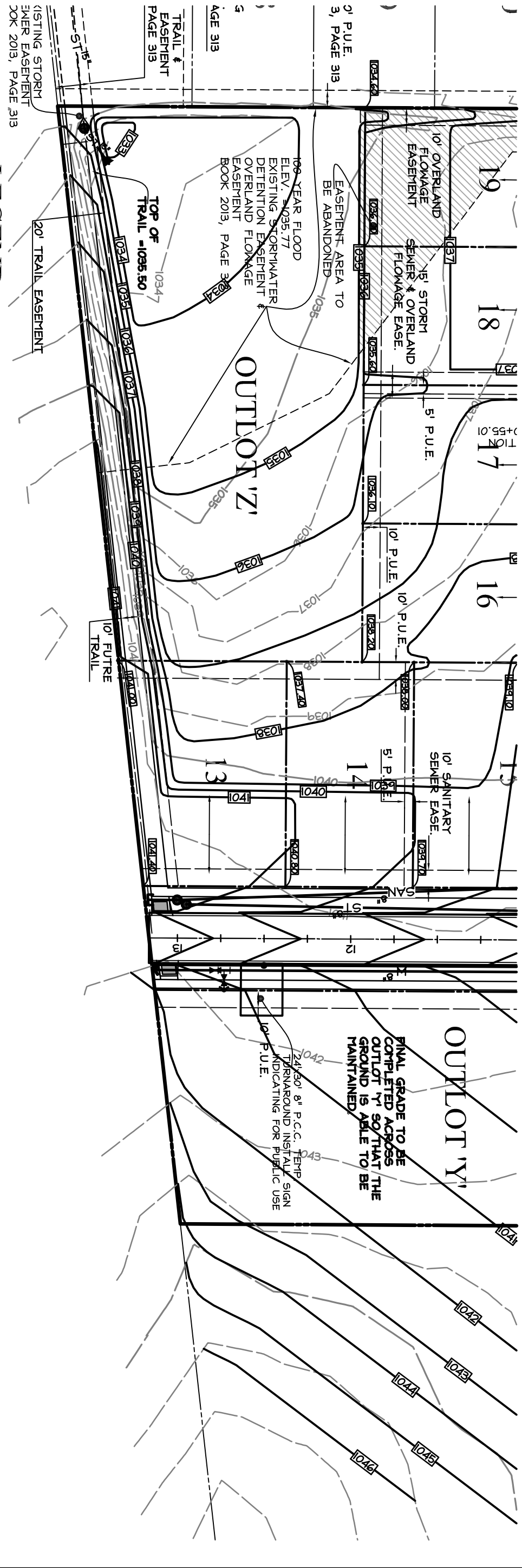




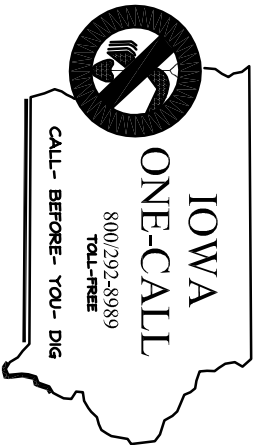
NOTES

1. THE APPLICANT'S RESPONSIBILITY TO PROVIDE THE CITY OF WAUKEE WITH A CERTIFIED GRADING PLAN PRIOR TO THE ACCEPTANCE OF SUBMISSION INFORMATION.

APPROVED FOR CONSTRUCTION BY CITY OF WAUKEE: 5-21-2013



- LEGEND
- EXISTING/PROPOSED
- PLAT BOUNDARY
 - STORY SEWER & SIZE
 - SANITARY SEWER & SIZE
 - WATER MAIN & SIZE
 - MANHOLE
 - STORY INTAKE
 - FIRE HYDRANT
 - VALVE
 - F.E.S.
 - EXISTING CONTOURS
 - PROPOSED CONTOURS
 - SILT FENCE OR APPROVED FILTRATION SOCK
 - LIGHT POLE
 - DESIGNED SPOT ELEVATION



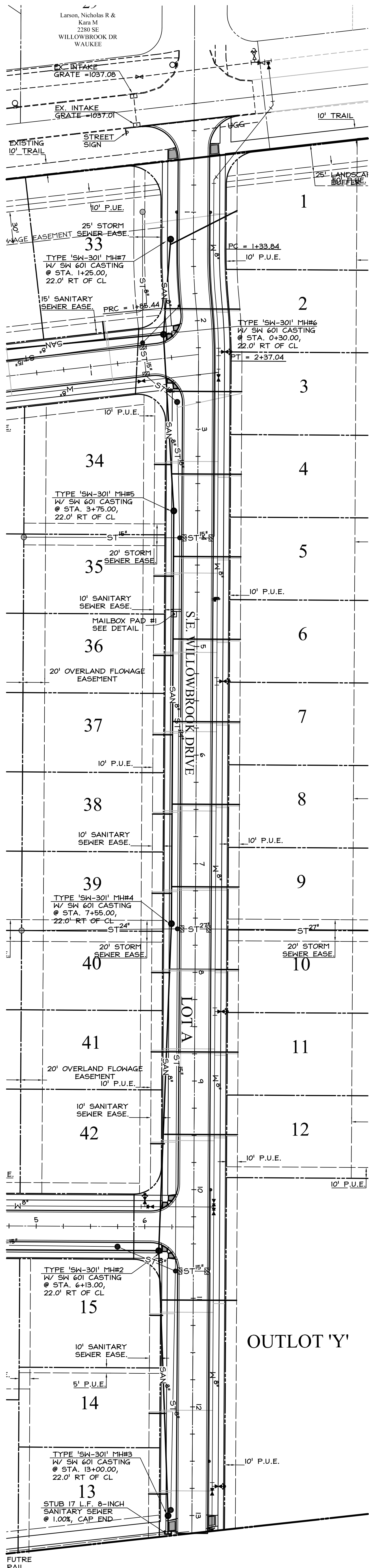
COOPER CRAWFORD
& ASSOCIATES, L.L.C.
CIVIL ENGINEERS

475 S. 50th STREET, SUITE 800, WEST DES MOINES, IOWA 50265
PHONE: (515) 224-1344 FAX: (515) 224-1345

DATE: 4/18/2013
REVISIONS: 5/16/2013

JOB NUMBER
CC 1485
SHEET
2 OF 13

APPROVED: 5-21-2013 INITIAL: BRC AS-BUILT:
GRADING & EROSION & SEDIMENT CONTROL PLAN
WESTOWN MEADOWS PLAT 2

[illegible]

APPROVED FOR CONSTRUCTION BY CITY OF WAUKEE: 5-21-2013



IOWA
ONE-CALL
800/292-8989
TOLL-FREE
CALL - BEFORE - YOU - DIG

COOPER CRAWFORD
& ASSOCIATES, L.L.C.
CIVIL ENGINEERS

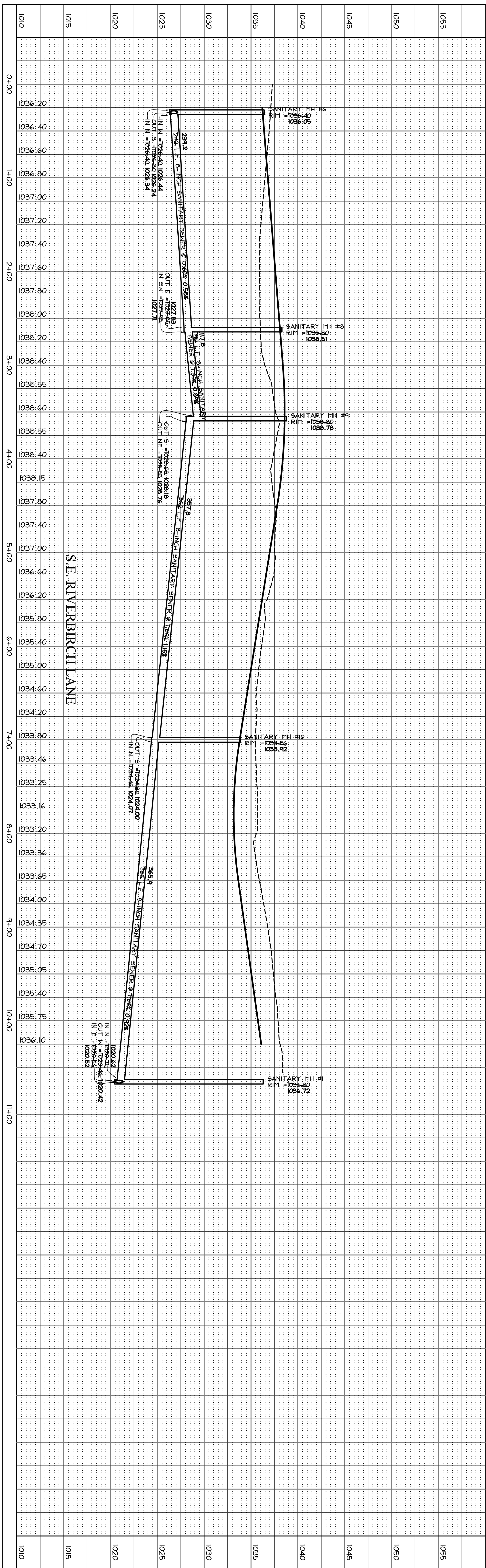
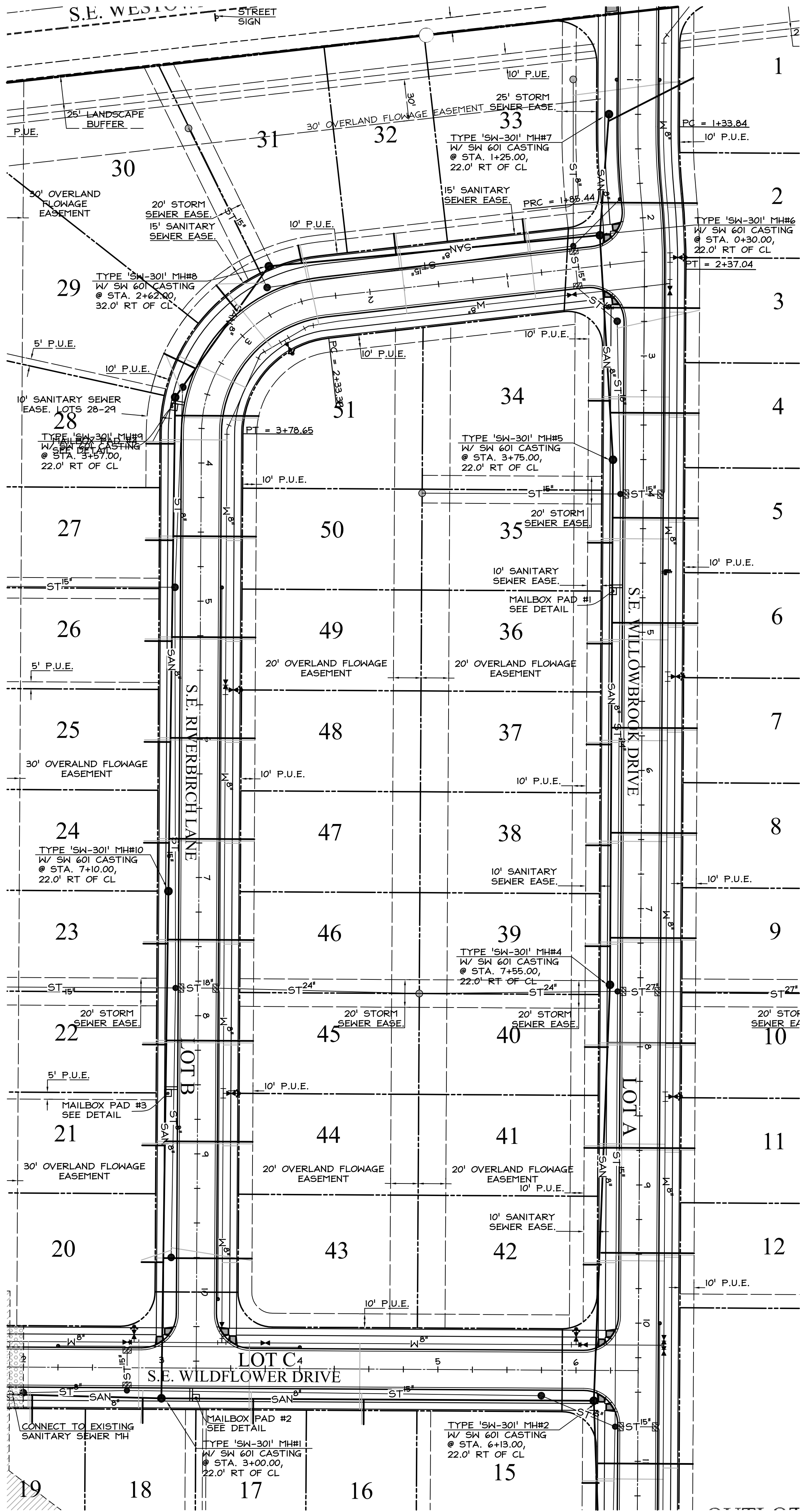
475 S. 50th STREET, SUITE 800, WEST DES MOINES, IOWA 50265
PHONE: (515) 224-1344 FAX: (515) 224-1345

REVISIONS: 5-7-2013
5-16-2013

SCALE: 1"=50'

**SANITARY SEWER
WESTOWN MEADOWS PLAT 2**

SHEET
3 OF 13



COOPER CRAWFORD & ASSOCIATES, L.L.C. CIVIL ENGINEERS	
475 S. 50th STREET, SUITE 800, WEST DES MOINES, IOWA 50265 PHONE: (515) 224-1344 FAX: (515) 224-1345	
DATE: 4-18-2013 REVISIONS: 5-7-2013 5-16-2013	JOB NUMBER CC 1485
  SCALE: 1"=50'	AS-BUILT: 12-16-2013
WESTON MEADOWS PLAT 2 SANITARY SEWER	SHEET 4 OF 13

LEGEND

EXISTING/PROPOSED

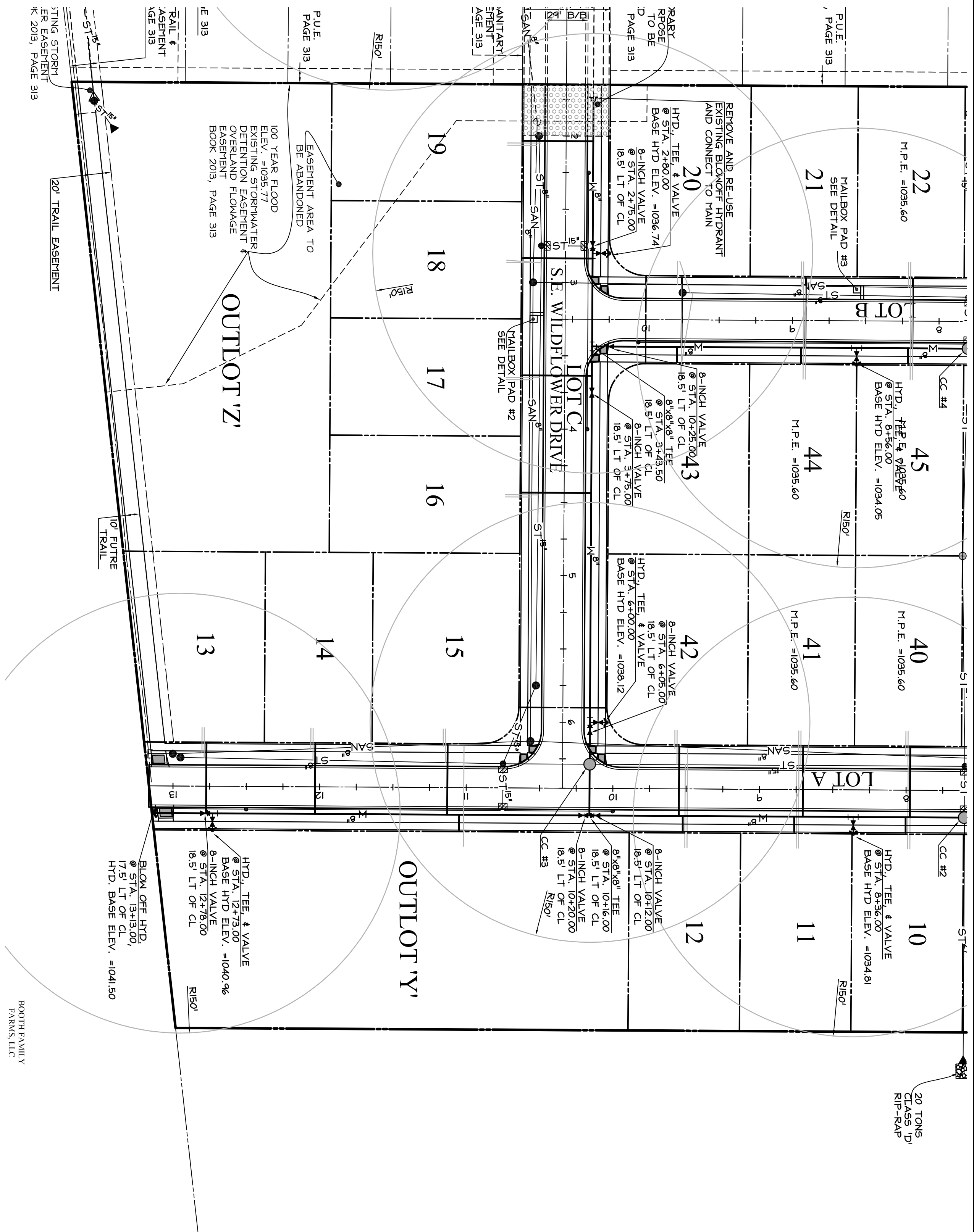
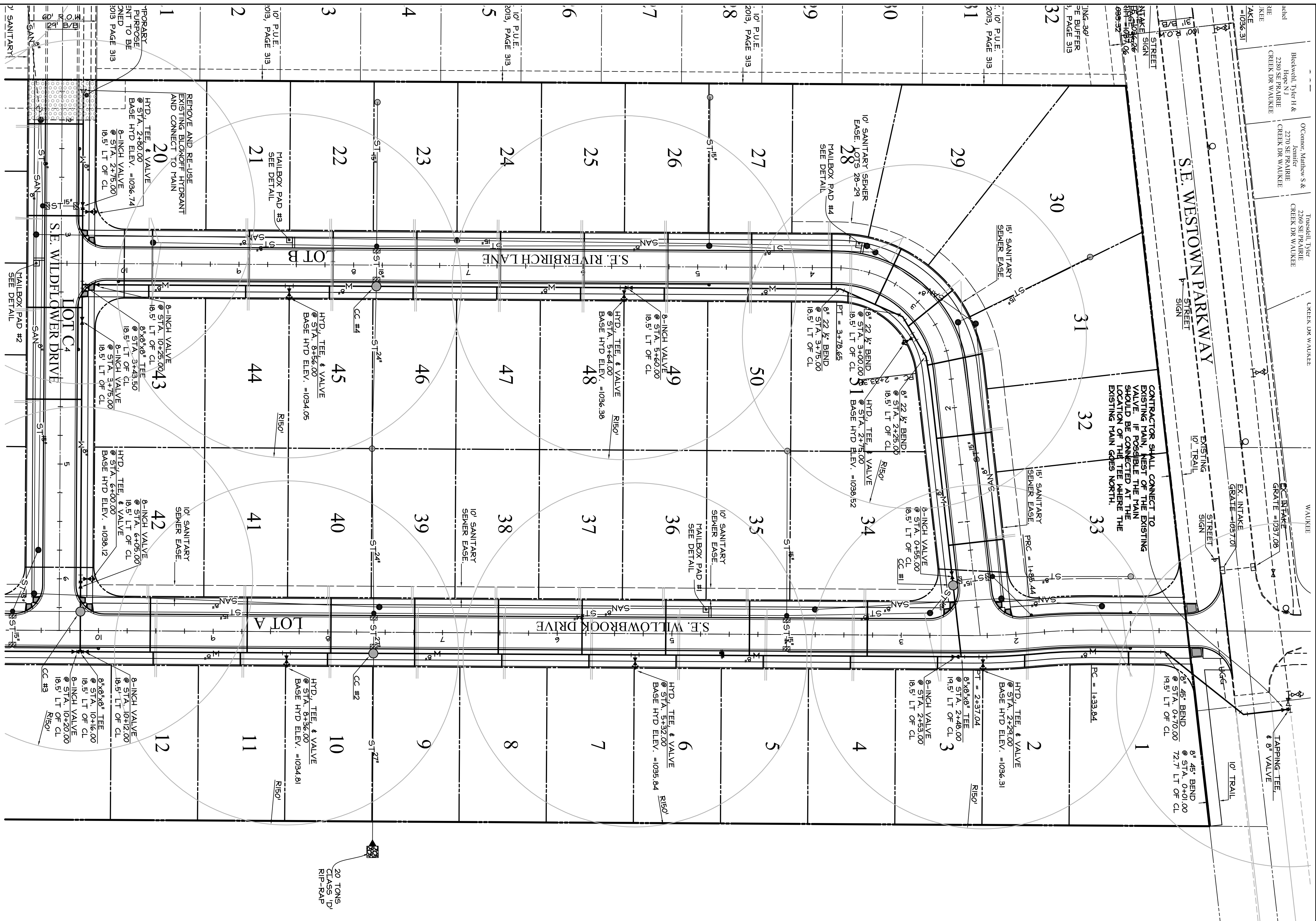
	SAN ^o _____	PLAT BOUNDARY
	SANITARY SEWER & SIZE	
	STORM SEWER & SIZE	
	WATER MAIN & SIZE	
	SANITARY SERVICE 4"	
	STORM SERVICE 1 1/2"	
	WATER SERVICE 1"	
	MANHOLE	
	STORM INTAKE	
	FIRE HYDRANT	
	VALVE	
	FLARED END SECTION	

IOWA

ONE-CALL

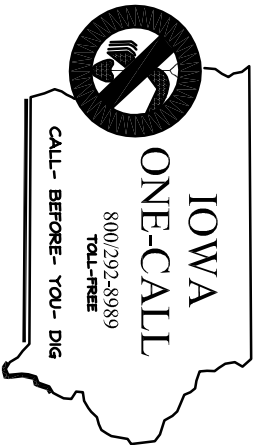
800-252-5889

CALL BEFORE YOU DIG



CRITICAL CROSSINGS

- | | |
|-------|--|
| CC #1 | BOTTOM OF STORM = 1030.18
TOP OF MAN = 1028.46
MAINTAIN 1.5' VERTICAL CLEARANCE & 6' MIN. BURY |
| CC #2 | BOTTOM OF STORM = 1027.71
TOP OF MAN = 1026.20
MAINTAIN 1.5' VERTICAL CLEARANCE & 6' MIN. BURY |
| CC #3 | BOTTOM OF STORM = 1030.05
TOP OF MAN = 1028.40
MAINTAIN 1.5' VERTICAL CLEARANCE & 6' MIN. BURY |
| CC #4 | BOTTOM OF STORM = 1028.61
TOP OF MAN = 1027.11
MAINTAIN 1.5' VERTICAL CLEARANCE & 6' MIN. BURY |



LEGEND

- | EXISTING/PROPOSED | PLANT BOUNDARY |
|--------------------|--|
| ST ³ — | STORY SEWER & SIZE |
| SAN ³ — | SAINTARY SEWER & SIZE |
| MAN ³ — | MANHOLE |
| ○ | STORY INTAKE |
| ▽ | FIRE HYDRANT |
| ▽ | VALVE |
| ▲ | F.E.S. |
| 990 | EXISTING CONTOURS |
| 990 | PROPOSED CONTOURS |
| 1000-200 | SILT FENCE OR
APPROVED FILTRATION SOCK
LIGHT POLE
DESIGNED SPOT ELEVATION |

COOPER CRAWFORD

3800 CHILDS, P.E.C.
CIVIL ENGINEERS

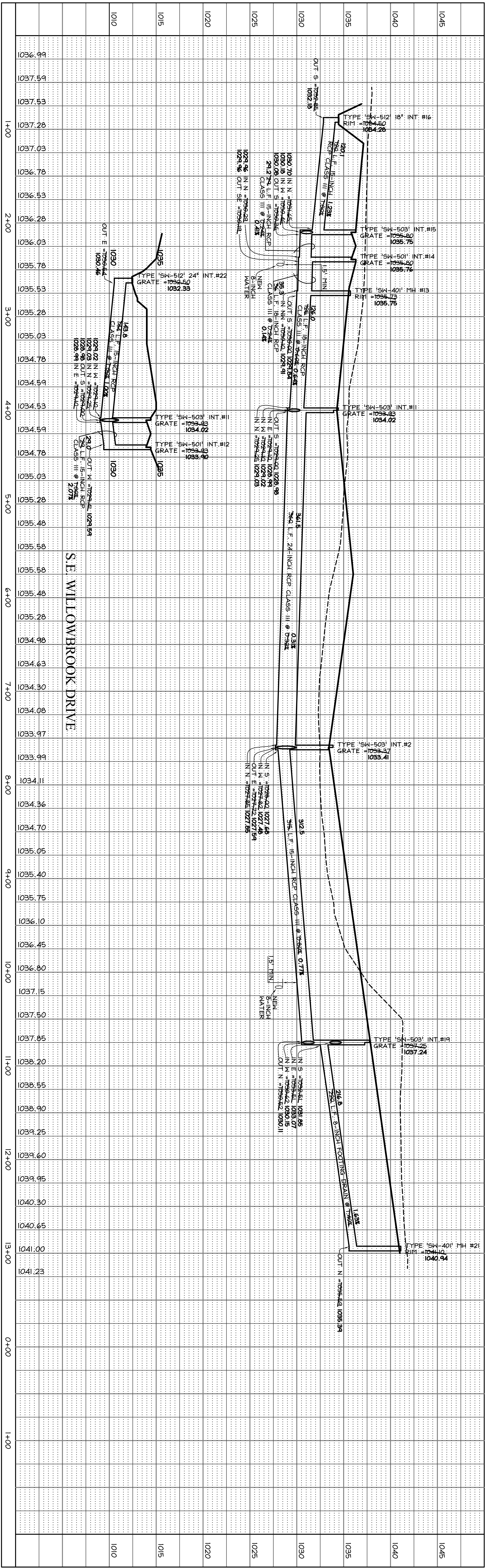
475 S. 50th STREET, SUITE 800, WEST DES MOINES, IOWA 50265
PHONE: (515) 224-1344 FAX: (515) 224-1345

REVISIONS: 5-7-2013
5-16-2013

DOCKET: 1 20
 APPROVED: 5-21-2013 INITIALS:

WAIER PLAN WESTOWN MEADOWS

SHEET
6 OF 13



NOTE

1. ANY CROSS RUN WITH LESS THAN 2 FEET OF COVER NEEDS PAYING REINFORCEMENT ABOVE IT.
2. ANY CROSS RUN WITH LESS THAN 1 FOOT OF COVER TO HAVE A STRONGER PIPE CLASS.

CRITICAL CROSSINGS

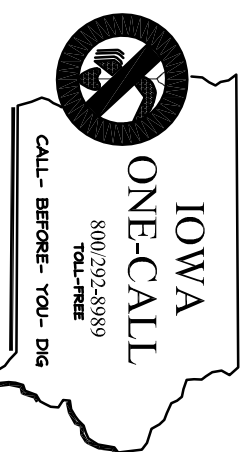
CC #1	BOTTOM OF STORM = 1030.18 TOP OF MAIN = 1028.65	MAINTAIN 1.5' VERTICAL CLEARANCE @ 6' MIN. BURY
CC #2	BOTTOM OF STORM = 1027.71 TOP OF MAIN = 1026.20	MAINTAIN 1.5' VERTICAL CLEARANCE @ 6' MIN. BURY
CC #3	BOTTOM OF STORM = 1030.05 TOP OF MAIN = 1028.40	MAINTAIN 1.5' VERTICAL CLEARANCE @ 6' MIN. BURY
CC #4	BOTTOM OF STORM = 1028.61 TOP OF MAIN = 1027.11	MAINTAIN 1.5' VERTICAL CLEARANCE @ 6' MIN. BURY

LEGEND

EXISTING/PROPOSED		PLANT BOUNDARY
SAN ⁸	SANITARY SEMER & SIZE	
ST ¹⁰	STORY SEMER & SIZE	
M ⁸	MATER MAIN & SIZE	
	SANITARY SERVICE 4"	
	STORY SERVICE 1 1/2"	
	WATER SERVICE 1"	
	TAHOLE	
●	STORY INTAKE	
○	FIRE HYDRANT	
▽	VALVE	
△	FLARED END SECTION	



IOVA
ONE-CAL
800-232-8898
CALL SERVICE 704-



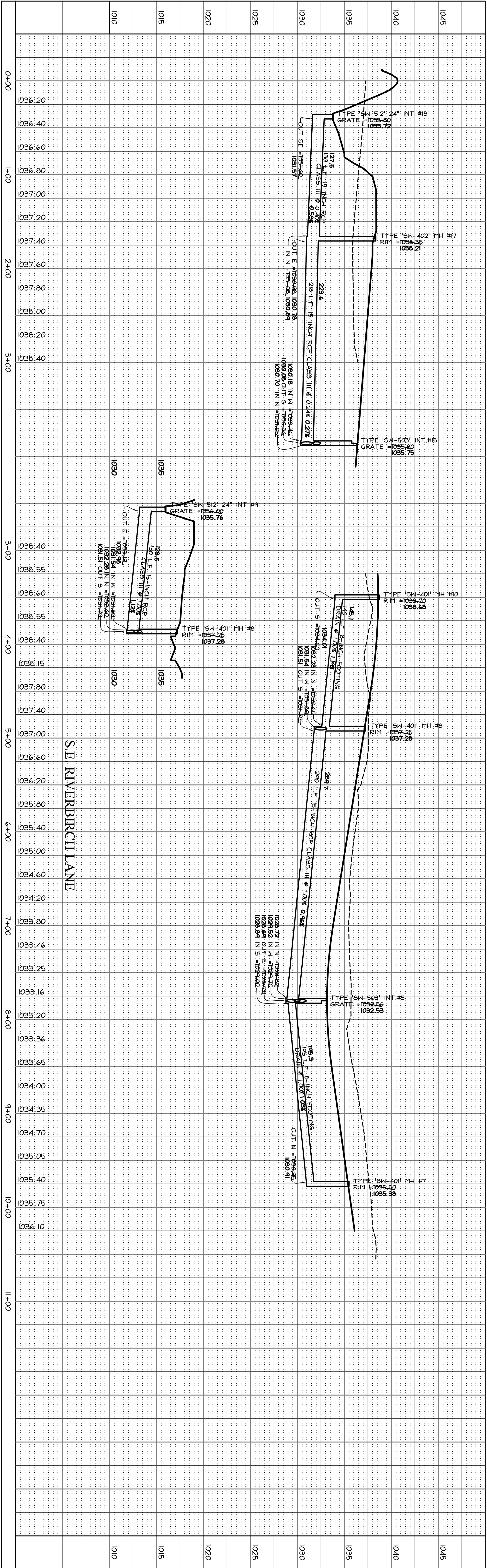
COOPER CRAWFORD
& ASSOCIATES, L.L.C.
CIVIL ENGINEERS

475 S. 50th STREET, SUITE 800, WEST DES MOINES, IOWA 50265
PHONE: (515) 224-1344 FAX: (515) 224-1345

DATE: 4-18-2013
REVISIONS: 5-7-2013
5-16-2013
7-18-2013

CC

STORM SEWER
WESTOWN MEADOWS PLAT 2



NOTE

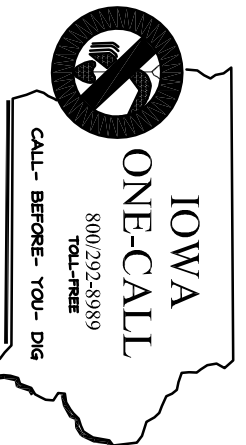
1. ANY CROSS RUN WITH LESS THAN 2 FEET OF COVER
2. ANY PAYING REINFORCEMENT ABOVE IT.
3. ANY CROSS RUN WITH LESS THAN 1 FOOT OF COVER TO HAVE A STRONGER PIPE CLASS.

CRITICAL CROSSINGS

- CC #1 BOTTOM OF STORM = 1030.18
- CC #2 TOP OF MAIN = 1028.65
- CC #3 TOP OF MAIN = 1027.71
- CC #4 TOP OF MAIN = 1026.20
- CC #5 TOP OF MAIN = 1025.20
- CC #6 TOP OF MAIN = 1024.20
- CC #7 TOP OF MAIN = 1023.20
- CC #8 TOP OF MAIN = 1022.20
- CC #9 TOP OF MAIN = 1021.20
- CC #10 TOP OF MAIN = 1020.20
- CC #11 TOP OF MAIN = 1019.20
- CC #12 TOP OF MAIN = 1018.20
- CC #13 TOP OF MAIN = 1017.20
- CC #14 TOP OF MAIN = 1016.20
- CC #15 TOP OF MAIN = 1015.20
- CC #16 TOP OF MAIN = 1014.20
- CC #17 TOP OF MAIN = 1013.20
- CC #18 TOP OF MAIN = 1012.20
- CC #19 TOP OF MAIN = 1011.20
- CC #20 TOP OF MAIN = 1010.20
- CC #21 TOP OF MAIN = 1009.20
- CC #22 TOP OF MAIN = 1008.20
- CC #23 TOP OF MAIN = 1007.20
- CC #24 TOP OF MAIN = 1006.20
- CC #25 TOP OF MAIN = 1005.20
- CC #26 TOP OF MAIN = 1004.20
- CC #27 TOP OF MAIN = 1003.20
- CC #28 TOP OF MAIN = 1002.20
- CC #29 TOP OF MAIN = 1001.20
- CC #30 TOP OF MAIN = 1000.20
- CC #31 TOP OF MAIN = 999.20
- CC #32 TOP OF MAIN = 998.20
- CC #33 TOP OF MAIN = 997.20
- CC #34 TOP OF MAIN = 996.20
- CC #35 TOP OF MAIN = 995.20
- CC #36 TOP OF MAIN = 994.20
- CC #37 TOP OF MAIN = 993.20
- CC #38 TOP OF MAIN = 992.20
- CC #39 TOP OF MAIN = 991.20
- CC #40 TOP OF MAIN = 990.20
- CC #41 TOP OF MAIN = 989.20
- CC #42 TOP OF MAIN = 988.20
- CC #43 TOP OF MAIN = 987.20
- CC #44 TOP OF MAIN = 986.20
- CC #45 TOP OF MAIN = 985.20
- CC #46 TOP OF MAIN = 984.20
- CC #47 TOP OF MAIN = 983.20
- CC #48 TOP OF MAIN = 982.20
- CC #49 TOP OF MAIN = 981.20
- CC #50 TOP OF MAIN = 980.20
- CC #51 TOP OF MAIN = 979.20
- CC #52 TOP OF MAIN = 978.20
- CC #53 TOP OF MAIN = 977.20
- CC #54 TOP OF MAIN = 976.20
- CC #55 TOP OF MAIN = 975.20
- CC #56 TOP OF MAIN = 974.20
- CC #57 TOP OF MAIN = 973.20
- CC #58 TOP OF MAIN = 972.20
- CC #59 TOP OF MAIN = 971.20
- CC #60 TOP OF MAIN = 970.20
- CC #61 TOP OF MAIN = 969.20
- CC #62 TOP OF MAIN = 968.20
- CC #63 TOP OF MAIN = 967.20
- CC #64 TOP OF MAIN = 966.20
- CC #65 TOP OF MAIN = 965.20
- CC #66 TOP OF MAIN = 964.20
- CC #67 TOP OF MAIN = 963.20
- CC #68 TOP OF MAIN = 962.20
- CC #69 TOP OF MAIN = 961.20
- CC #70 TOP OF MAIN = 960.20
- CC #71 TOP OF MAIN = 959.20
- CC #72 TOP OF MAIN = 958.20
- CC #73 TOP OF MAIN = 957.20
- CC #74 TOP OF MAIN = 956.20
- CC #75 TOP OF MAIN = 955.20
- CC #76 TOP OF MAIN = 954.20
- CC #77 TOP OF MAIN = 953.20
- CC #78 TOP OF MAIN = 952.20
- CC #79 TOP OF MAIN = 951.20
- CC #80 TOP OF MAIN = 950.20
- CC #81 TOP OF MAIN = 949.20
- CC #82 TOP OF MAIN = 948.20
- CC #83 TOP OF MAIN = 947.20
- CC #84 TOP OF MAIN = 946.20
- CC #85 TOP OF MAIN = 945.20
- CC #86 TOP OF MAIN = 944.20
- CC #87 TOP OF MAIN = 943.20
- CC #88 TOP OF MAIN = 942.20
- CC #89 TOP OF MAIN = 941.20
- CC #90 TOP OF MAIN = 940.20
- CC #91 TOP OF MAIN = 939.20
- CC #92 TOP OF MAIN = 938.20
- CC #93 TOP OF MAIN = 937.20
- CC #94 TOP OF MAIN = 936.20
- CC #95 TOP OF MAIN = 935.20
- CC #96 TOP OF MAIN = 934.20
- CC #97 TOP OF MAIN = 933.20
- CC #98 TOP OF MAIN = 932.20
- CC #99 TOP OF MAIN = 931.20
- CC #100 TOP OF MAIN = 930.20

LEGEND

- EXISTING/PROPOSED
- SAN⁸ PLAT BOUNDARY
- SAN⁸ SANITARY SEWER & SIZE
- ST⁸ STORM SEWER & SIZE
- W⁸ WATER MAIN & SIZE
- SANITARY SERVICE 4"
- STORM SERVICE 1 1/2"
- WATER SERVICE 1"
- MANHOLE
- STORM INTAKE
- VALVE
- FIRE HYDRANT
- FLARED END SECTION



COOPER CRAWFORD
& ASSOCIATES, L.L.C.
CIVIL ENGINEERS

475 S. 50th STREET, SUITE 800, WEST DES MOINES, IOWA 50265
PHONE: (515) 224-1344 FAX: (515) 224-1345

DATE: 4/18/2013
REVISED: 5/1/2013
7/18/2013

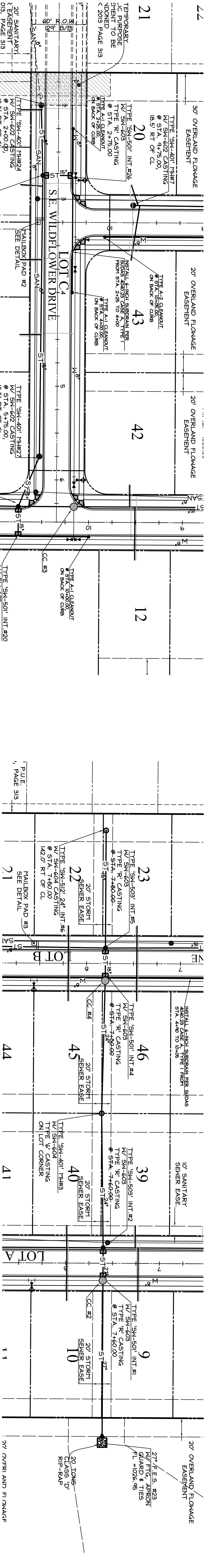
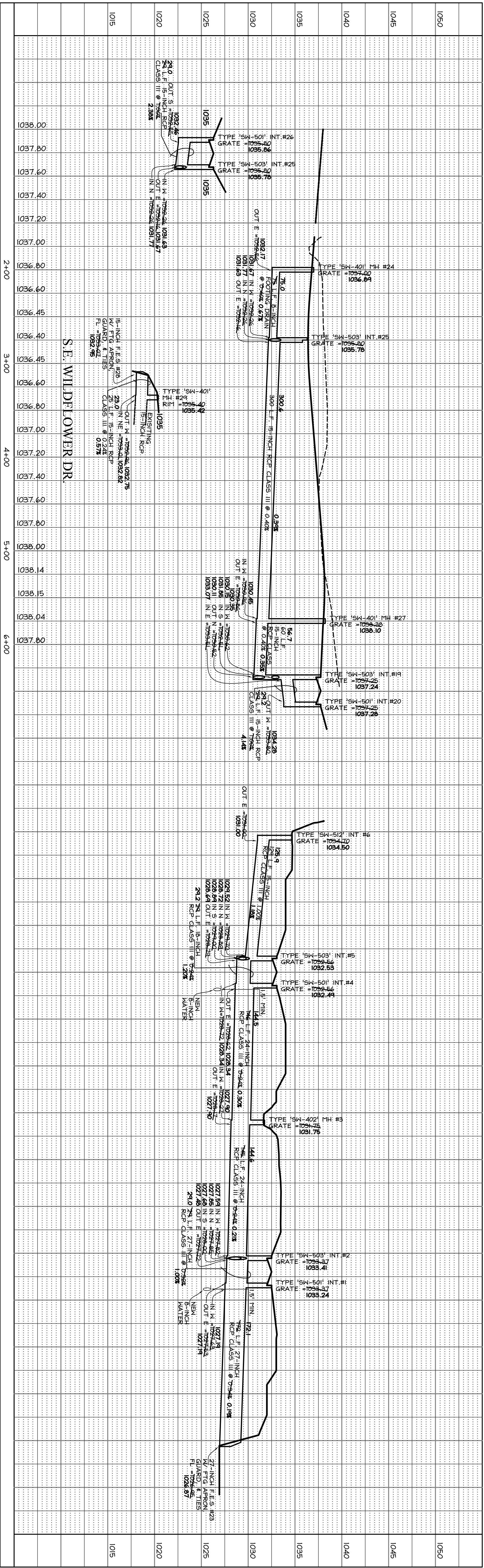
STORM SEWER
WESTOWN MEADOWS PLAT 2

SCALE: 1"=50'

ASBUILT: 12-16-2013

JOB NUMBER
CC 1485

SHEET
8 OF 13



APPROVED FOR CONSTRUCTION BY CITY OF WAUKEE: 5-21-2013

VIEW CROSSING

CRITICAL CROSSINGS

CC #1	BOTTOM OF STORY = 1030.18 TOP OF MAIN = 1028.65
CC #2	MAINTAIN 1.5' VERTICAL CLEARANCE @ 6' MIN. BURY BOTTOM OF STORY = 1027.71
CC #3	TOP OF MAIN = 1026.20 MAINTAIN 1.5' VERTICAL CLEARANCE @ 6' MIN. BURY TOP OF MAIN = 1023.05
CC #4	MAINTAIN 1.5' VERTICAL CLEARANCE @ 6' MIN. BURY BOTTOM OF STORY = 1023.61 TOP OF MAIN = 1027.11

MAINTAIN 1.5' VERTICAL CLEARANCE @ 6' MIN. BURY

NOTE

1. ANY CROSS RUN WITH LESS THAN 2 FEET OF COVER NEEDS PAYING REINFORCEMENT ABOVE IT.
2. ANY CROSS RUN WITH LESS THAN 1 FOOT OF COVER TOP HAVE A STRONGER PIPE CLASS.

EXISTING/PROPOSED

SAN 6"

ST 10"

8"

10"

PLANT BOUNDARY

SANITARY SEWER & SIZE

STORM SEWER & SIZE

WATER MAIN & SIZE

SANITARY SERVICE 4"

STORM SERVICE 1 1/2"

WATER SERVICE 1"

MANHOLE

STORM INTAKE

FIRE HYDRANT

VALVE

FLARED END SECTION

ONE-CALL

800.928.8869

CALL BEFORE YOU DIG

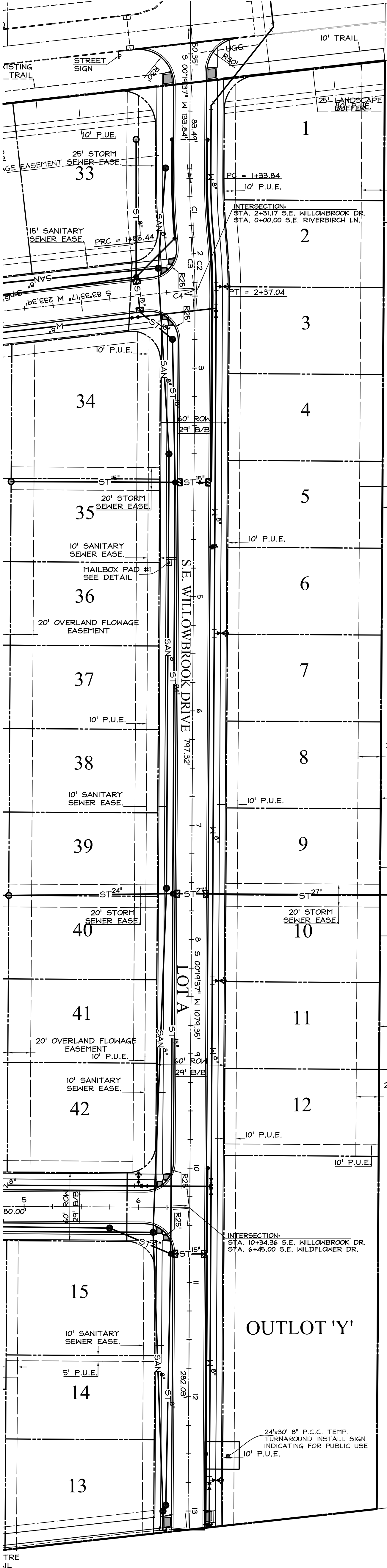
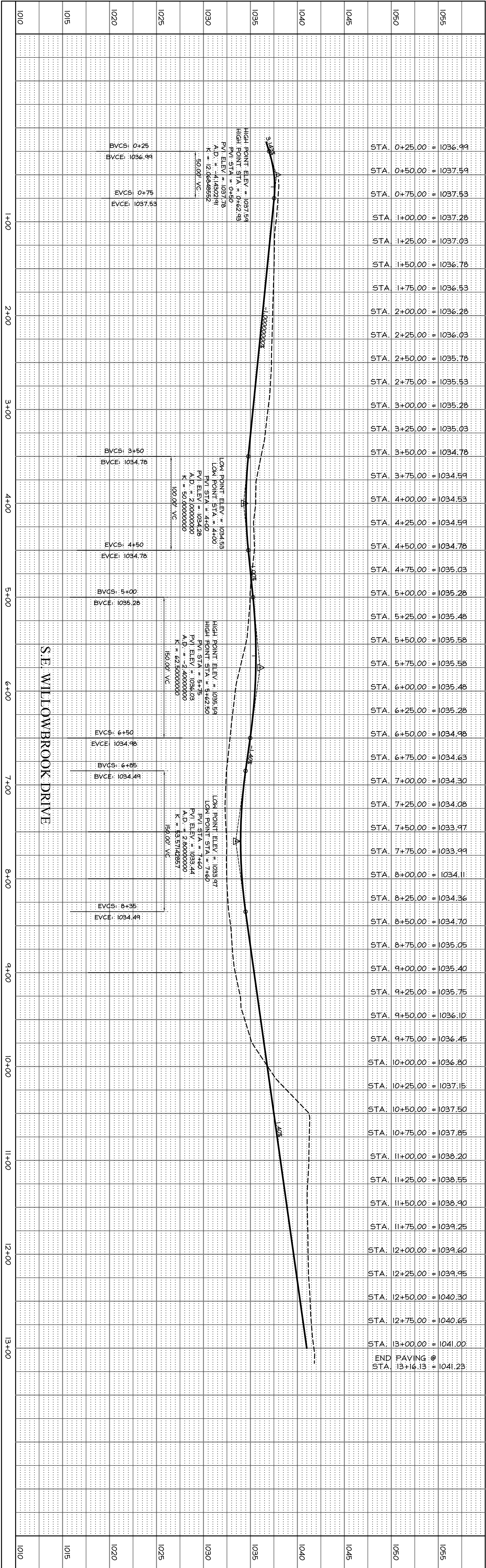
COOPER CRAWFORD
& ASSOCIATES, L.L.C.
CIVIL ENGINEERS

475 S. 50th STREET, SUITE 800, WEST DES MOINES, IOWA 50265
PHONE: (515) 224-1344 FAX: (515) 224-1345

DATE: 4-18-201
REVISIONS: 5-7-2013
5-16-2013
7-18-2013

STORM SEWER
WESTOWN MEADOWS

1485
SHEET
9 OF 13



CURVE TABLE						
CURVE	DELTA	RADIUS	LENGTH	TANGENT	CHORD	CH BEARING
C1	5°54'45"	500.00	51.60	25.82	51.57	S02°37'46"E
C2	5°54'45"	500.00	51.60	25.82	51.57	N02°37'46"W
C3	5°14'24"	500.00	45.73	22.86	45.71	N02°57'56"W
C4	0°40'21"	500.00	5.87	2.93	5.87	N00°00'34"W
C5	83°13'27"	100.00	145.25	86.62	132.82	S41°56'20"W

LEGEND

EXISTING/PROPOSED

PLAT BOUNDARY

SANITARY SEWER & SIZE

STORM SEWER & SIZE

WATER MAIN & SIZE

SANITARY SERVICE 4"

STORM SERVICE 1 1/2"

WATER SERVICE 1"

MANHOLE

STORM INTAKE

FIRE HYDRANT

VALVE

FLARED END SECTION

○

□

▽

△

●

■

▲

▼

COOPER CRAWFORD

& ASSOCIATES, L.L.C.

CIVIL ENGINEERS

475 S. 50th STREET, SUITE 800, WEST DES MOINES, IOWA 50265

PHONE: (515) 224-1344 FAX: (515) 224-1345

DATE: 4/18/2013

REVISIONS: 5/2/2013

5/6/2013

ONE-CALL

800-222-2269

CALL BEFORE YOU DIG

SCALE: 1"=50'

0 25 50

JOB NUMBER

CC

1485

PAVING

WESTOWN MEADOWS PLAT 2

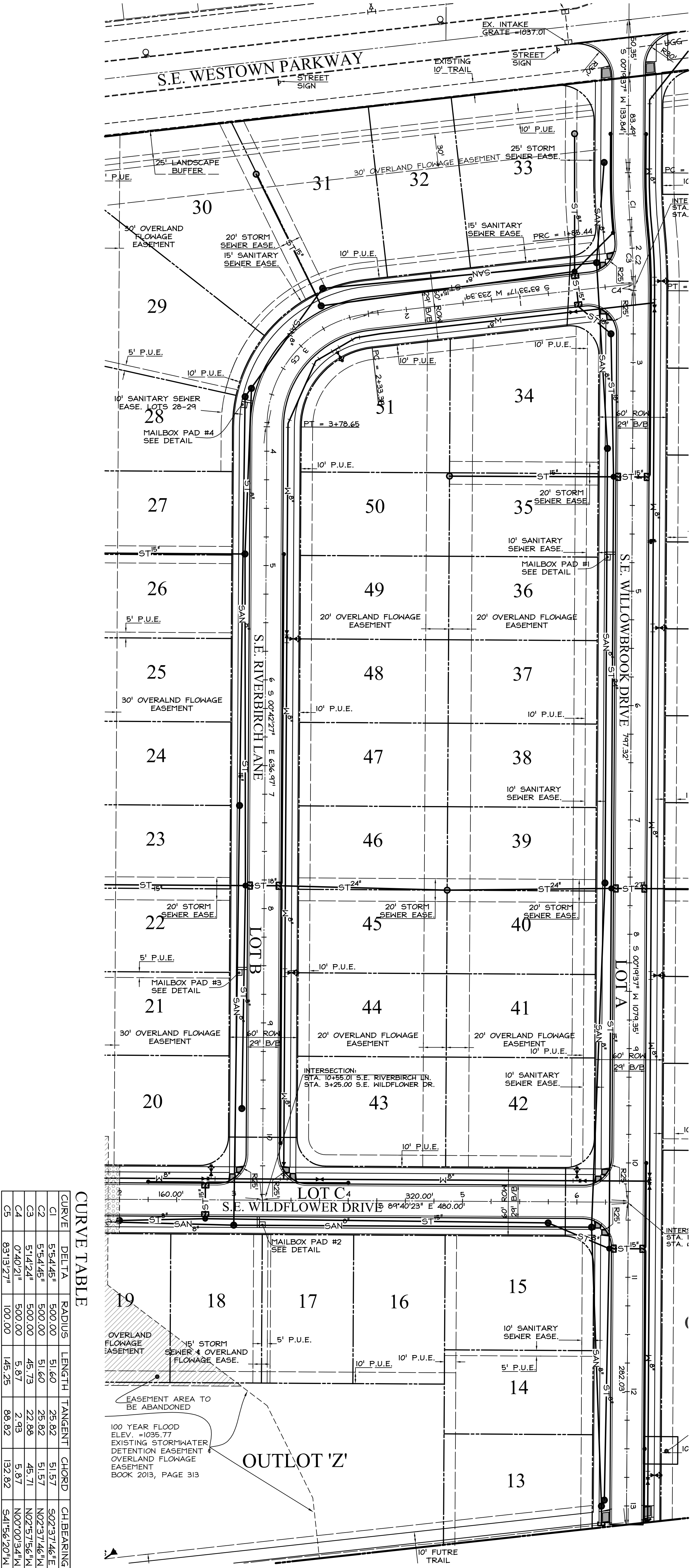
SHEET

10 OF 13

STREETS ARE 29' WIDE WITH 7-INCH NON-REINFORCED CONCRETE PAVEMENT.

NOTES

1. THE 10' TRAIL ADJACENT TO LOT 1 AND THE 5' SIDEWALK ADJACENT TO OUTLOT 'Y' WILL BE INSTALLED AS PART OF THE PUBLIC IMPROVEMENTS.



CURVE TABLE						
CURVE	DELTA	RADIUS	LENGTH	TANGENT	CHORD	CH BEARING
C1	5°54'45"	500.00	51.60	25.82	51.57	S02°37'46"E
C2	5°54'45"	500.00	51.60	25.82	51.57	N02°37'46"W
C3	5°14'24"	500.00	45.73	22.85	45.71	N02°57'56"W
C4	0°40'21"	500.00	5.87	2.43	5.87	N00°00'34"W
C5	83°13'27"	100.00	145.25	88.82	132.82	S41°56'20"W

COOPER CRAWFORD & ASSOCIATES, L.L.C. CIVIL ENGINEERS

475 S. 50th STREET, SUITE 800, WEST DES MOINES, IOWA 50265
PHONE: (515) 224-1344 FAX: (515) 224-1345

DATE: 4/18/2013
REVISIONS: 5/2/2013
5/6/2013

1485

SHEET 11 OF 13

PAVING

WESTTOWN MEADOWS PLAT 2

LEGEND

EXISTING/PROPOSED

SAN" PLAT BOUNDARY

ST" SANITARY SEWER & SIZE

M" STORM SEWER & SIZE

M" WATER MAIN & SIZE

4" SANITARY SERVICE 4"

1 1/2" STORM SERVICE 1 1/2"

MANHOLE

STORM INTAKE

FIRE HYDRANT

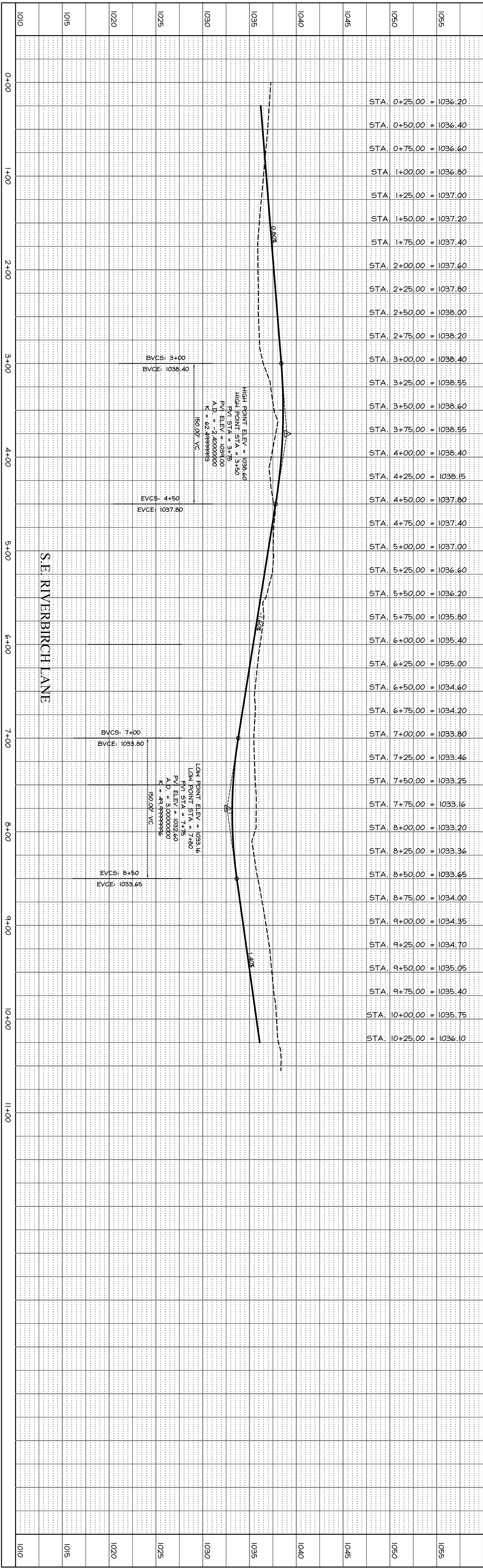
VALVE

FLARED END SECTION

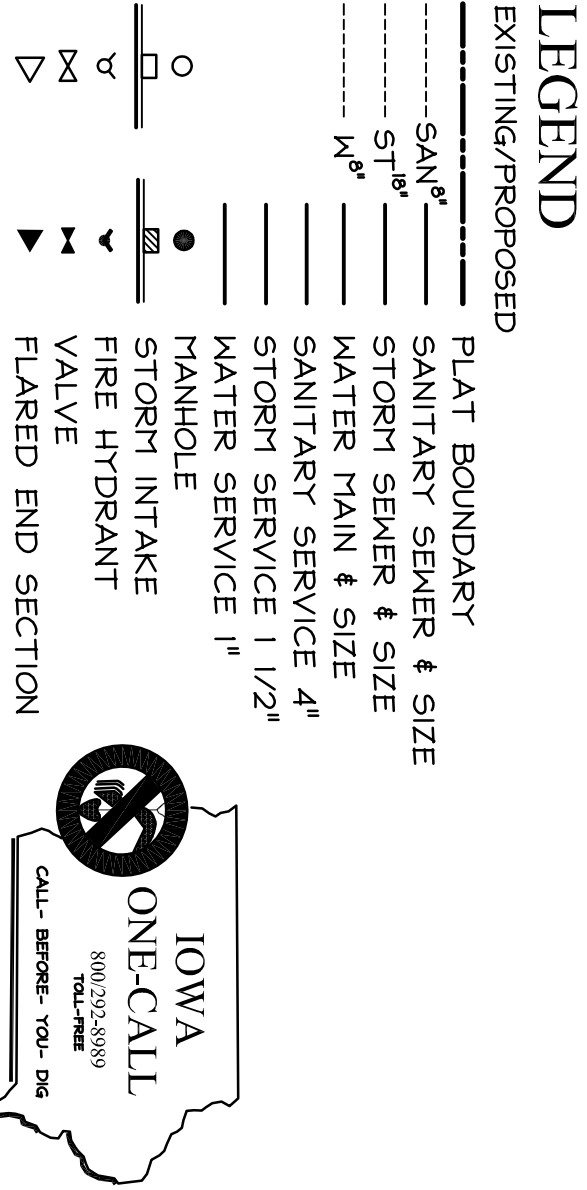
ONE-CALL

800.222.6869

CALL BEFORE YOU DIG



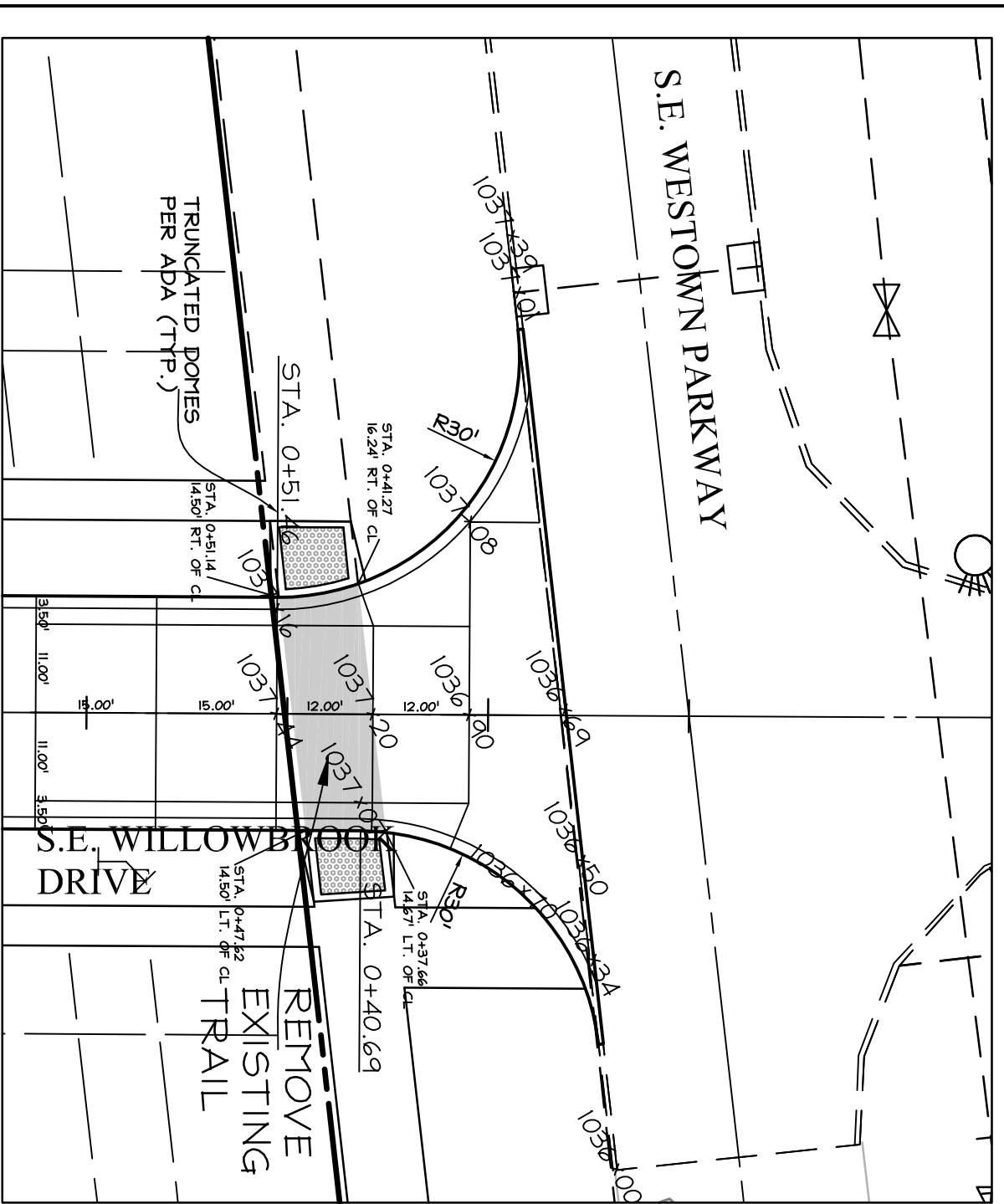
APPROVED FOR CONSTRUCTION BY CITY OF WAUKEE: 5-21-2013



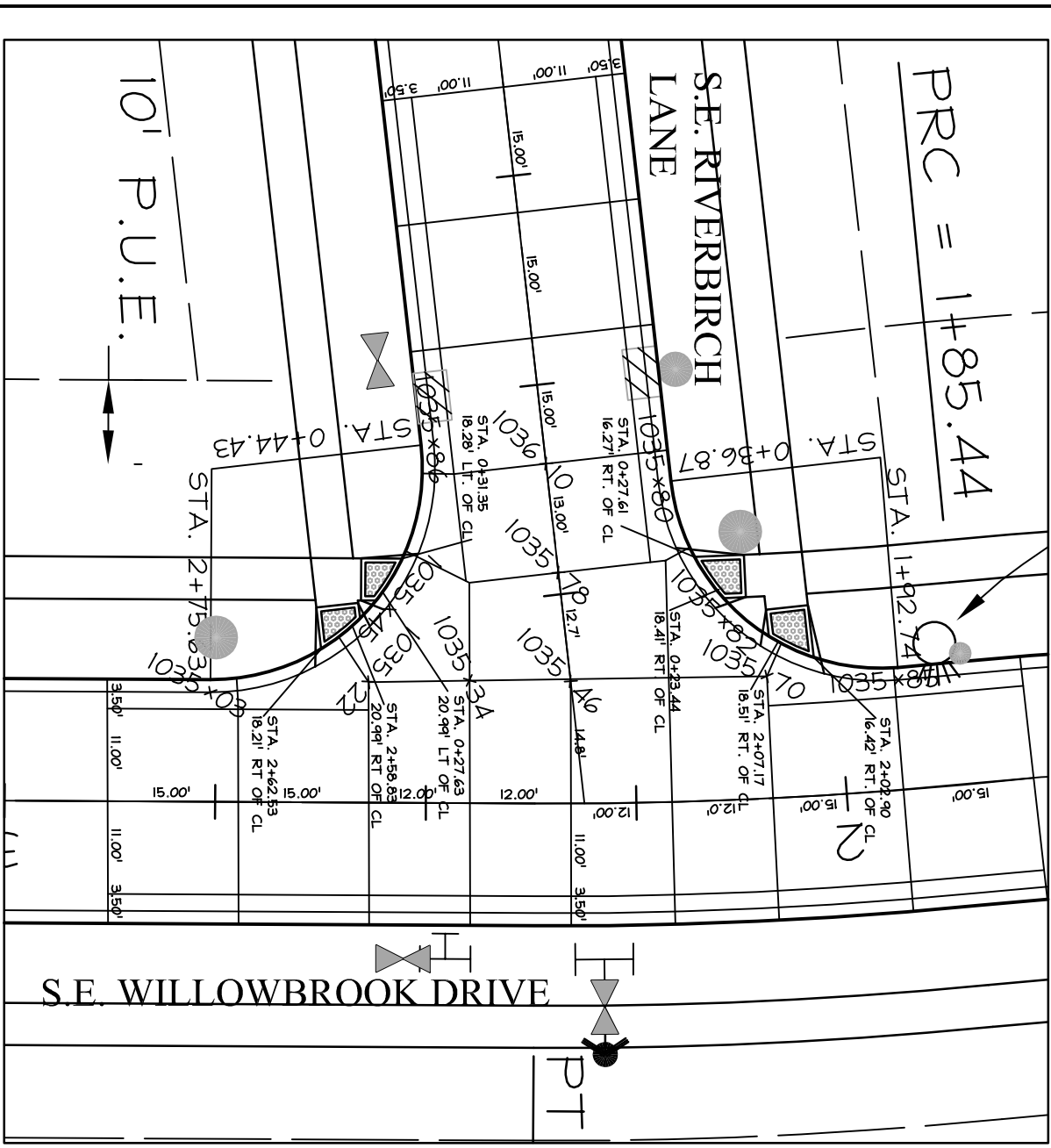
475 S. 50th STREET, SUITE 800, WEST DES MOINES, IOWA 50265
PHONE: (515) 224-1344 FAX: (515) 224-1345

PAVING WESTOWN MEADOWS PLAT 2

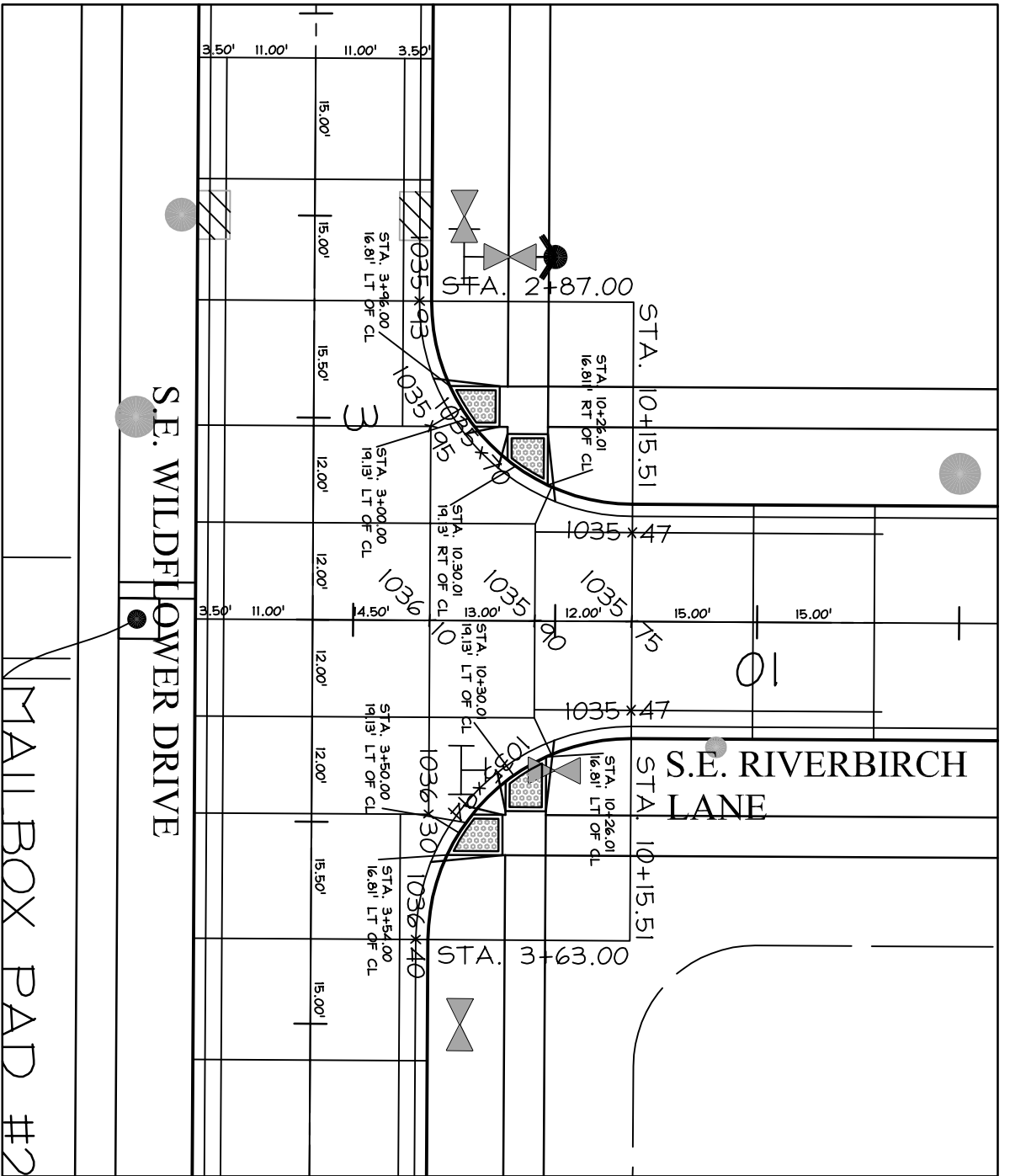
1485
SHEET
12 OF 13



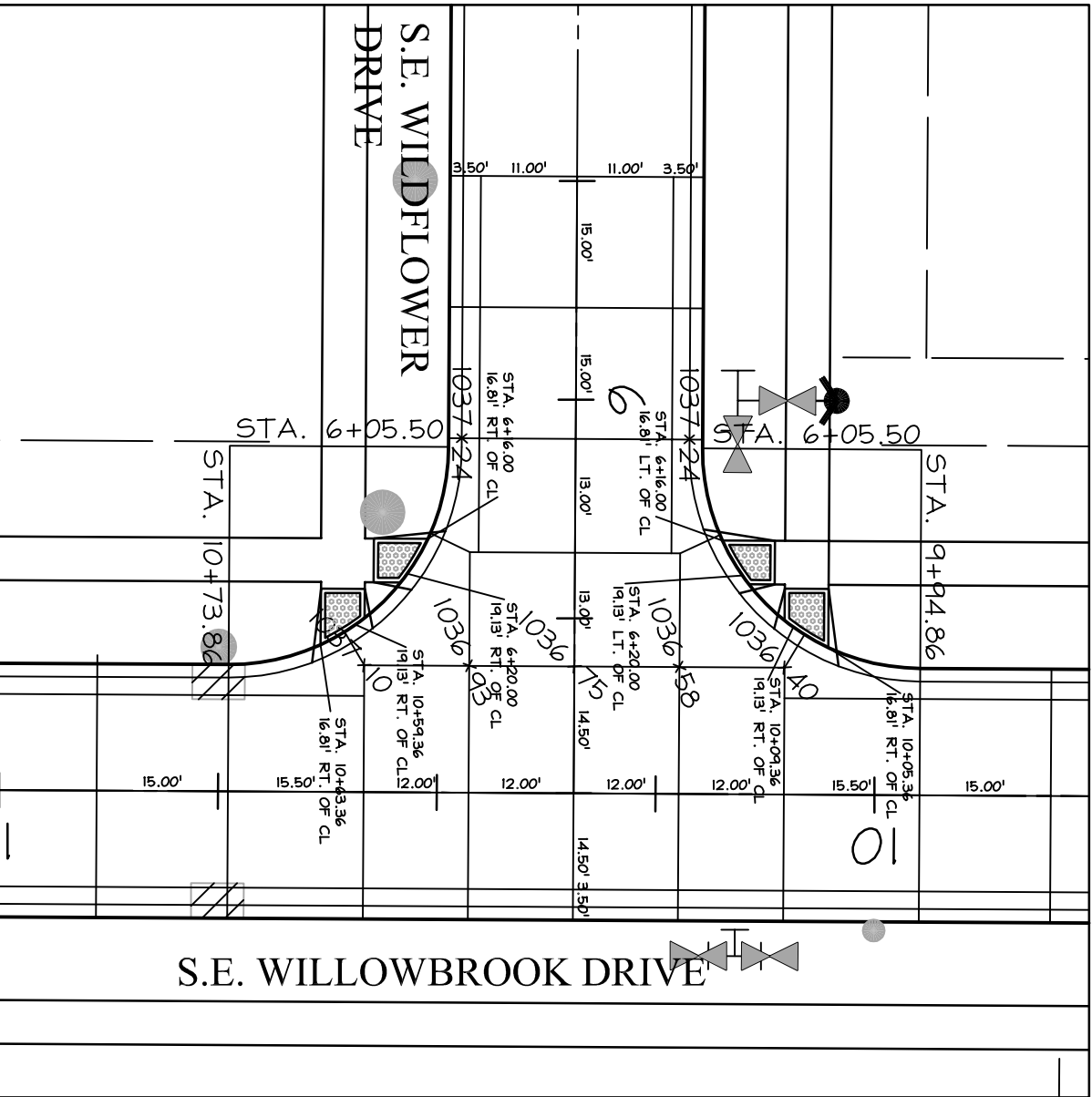
INTERSECTION DETAIL
S.E. WESTOWN PARKWAY AND S.E. WILLOWBROOK DRIVE
SCALE: 1"=20' (GRADES @ TOP OF SLAB)



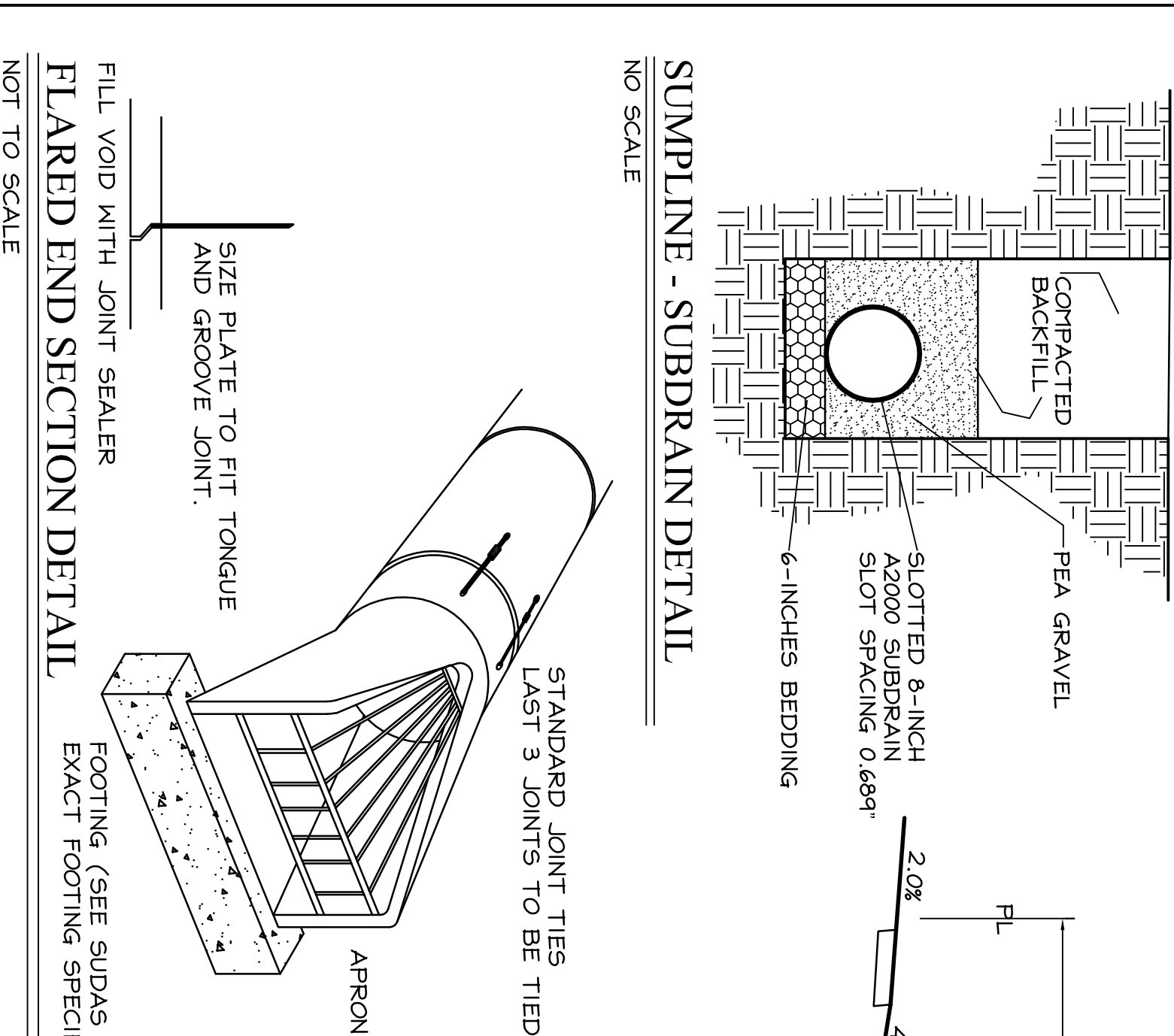
INTERSECTION DETAIL
S.E. RIVERBIRCH LANE AND S.E. WILLOWBROOK DRIVE
SCALE: 1"=20' (GRADES @ TOP OF SLAB)



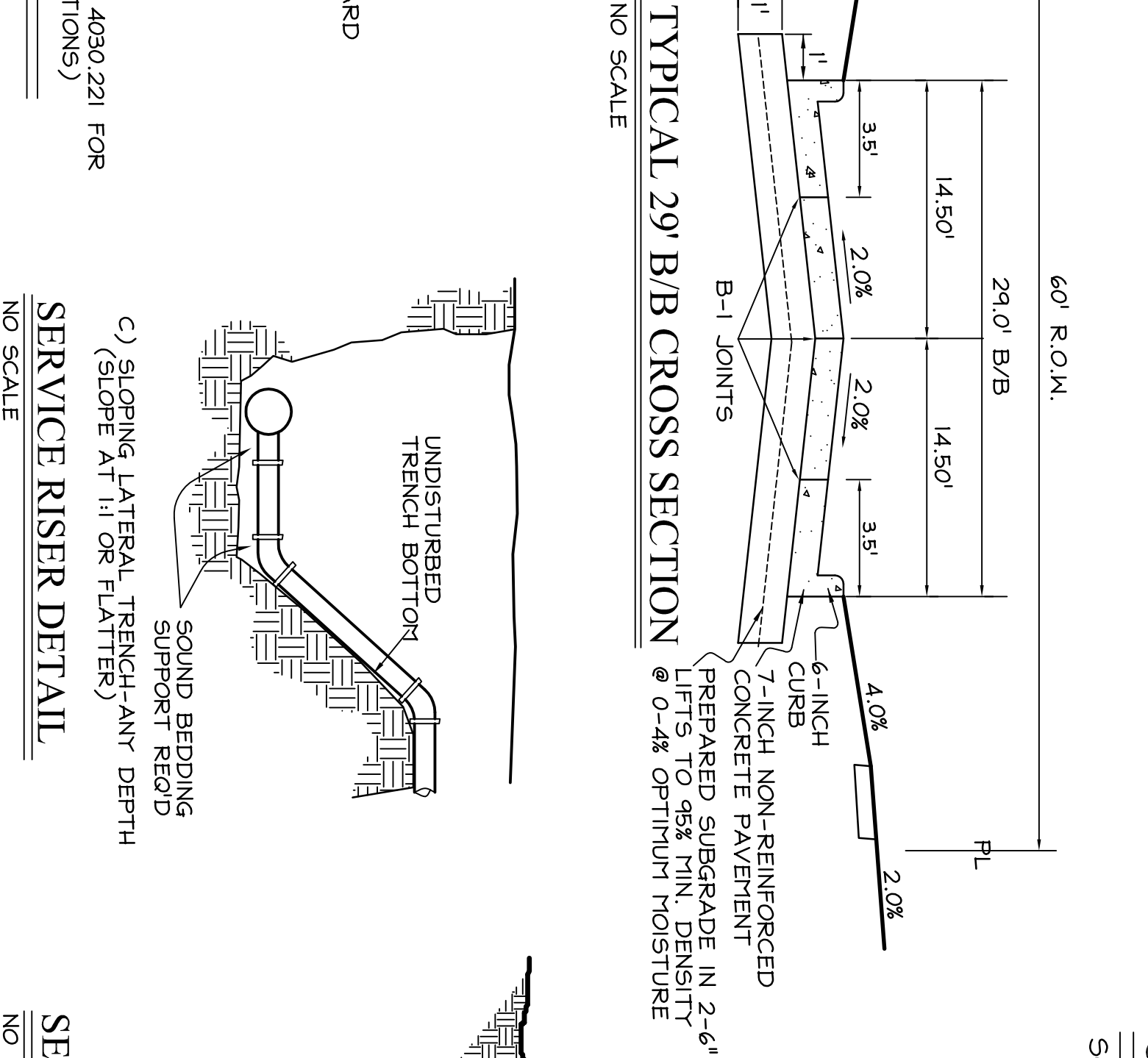
INTERSECTION DETAIL
S.E. RIVERBIRCH LANE AND S.E. WILLOWBROOK DRIVE
SCALE: 1"=20' (GRADES @ TOP OF SLAB)



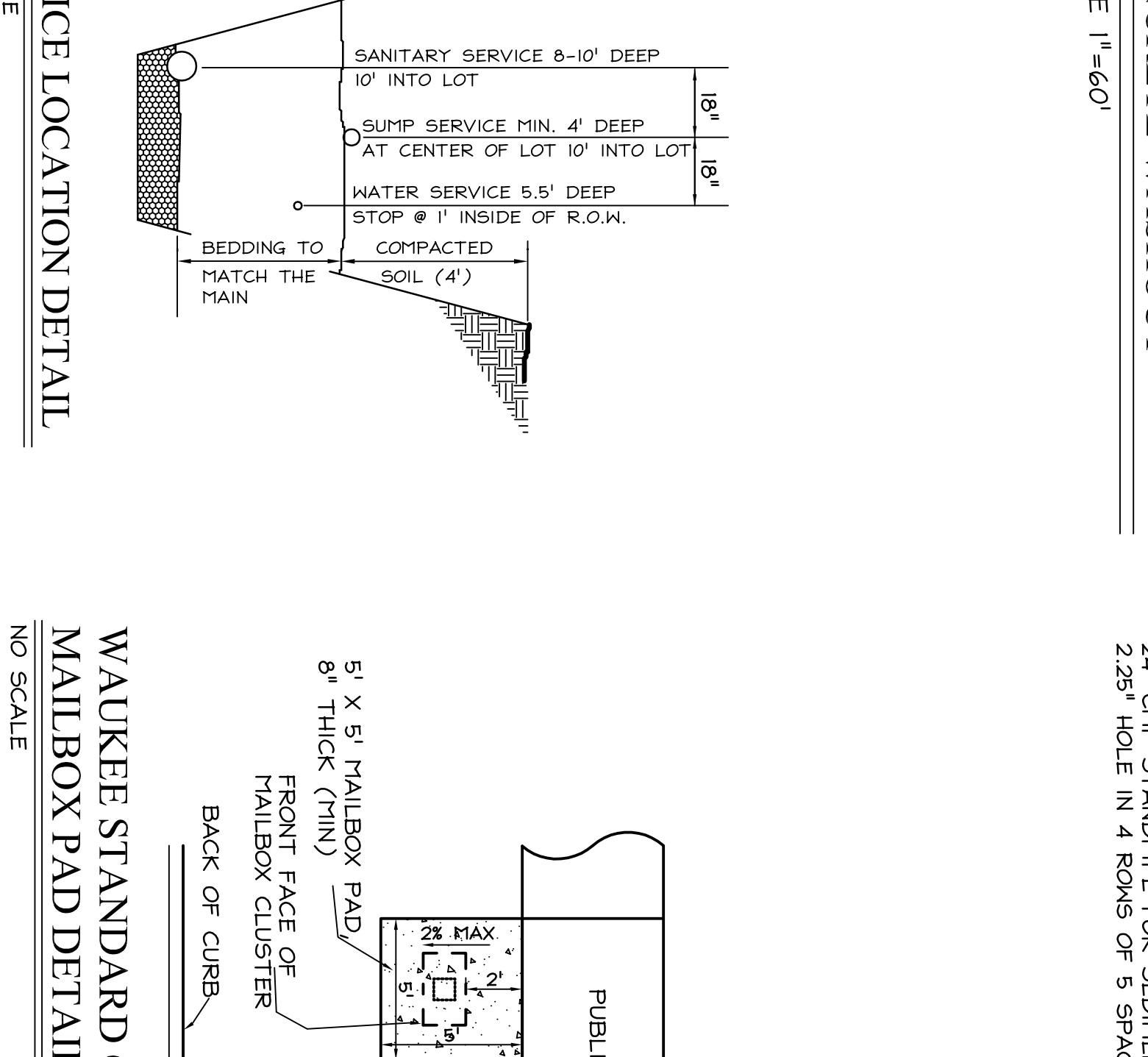
INTERSECTION DETAIL
S.E. RIVERBIRCH LANE AND S.E. WILLOWBROOK DRIVE
SCALE: 1"=20' (GRADES @ TOP OF SLAB)



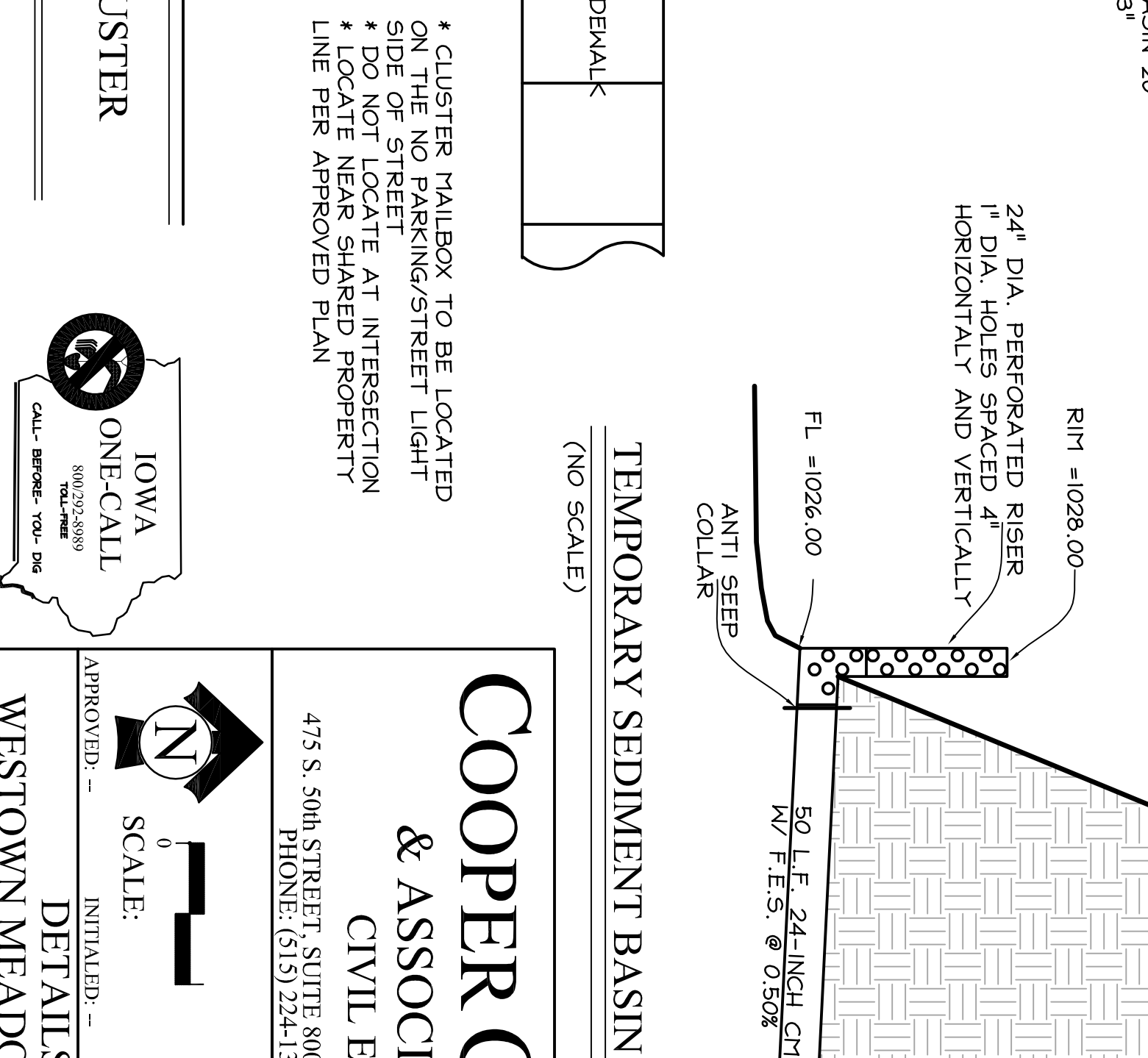
INTERSECTION DETAIL
S.E. RIVERBIRCH LANE AND S.E. WILLOWBROOK DRIVE
SCALE: 1"=20' (GRADES @ TOP OF SLAB)



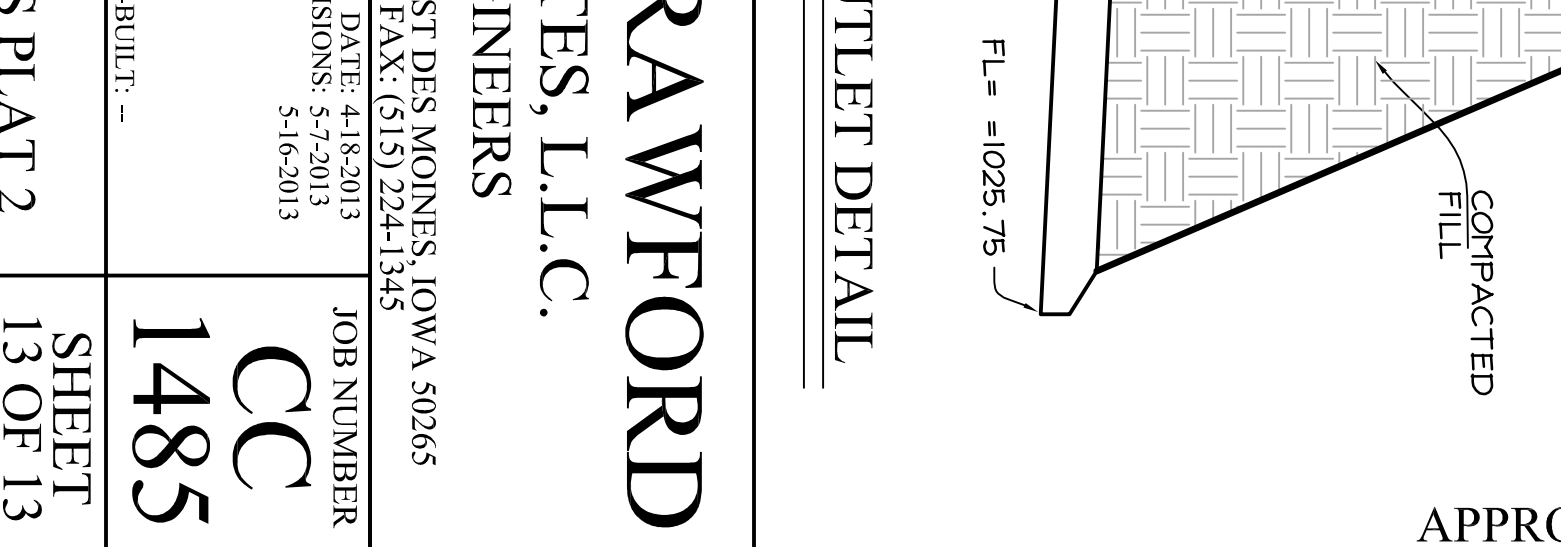
INTERSECTION DETAIL
S.E. RIVERBIRCH LANE AND S.E. WILLOWBROOK DRIVE
SCALE: 1"=20' (GRADES @ TOP OF SLAB)



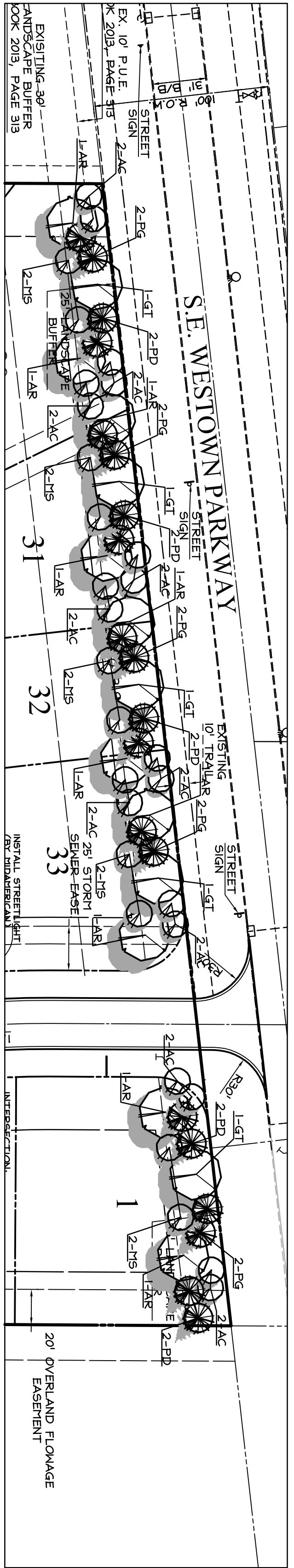
INTERSECTION DETAIL
S.E. RIVERBIRCH LANE AND S.E. WILLOWBROOK DRIVE
SCALE: 1"=20' (GRADES @ TOP OF SLAB)



INTERSECTION DETAIL
S.E. RIVERBIRCH LANE AND S.E. WILLOWBROOK DRIVE
SCALE: 1"=20' (GRADES @ TOP OF SLAB)

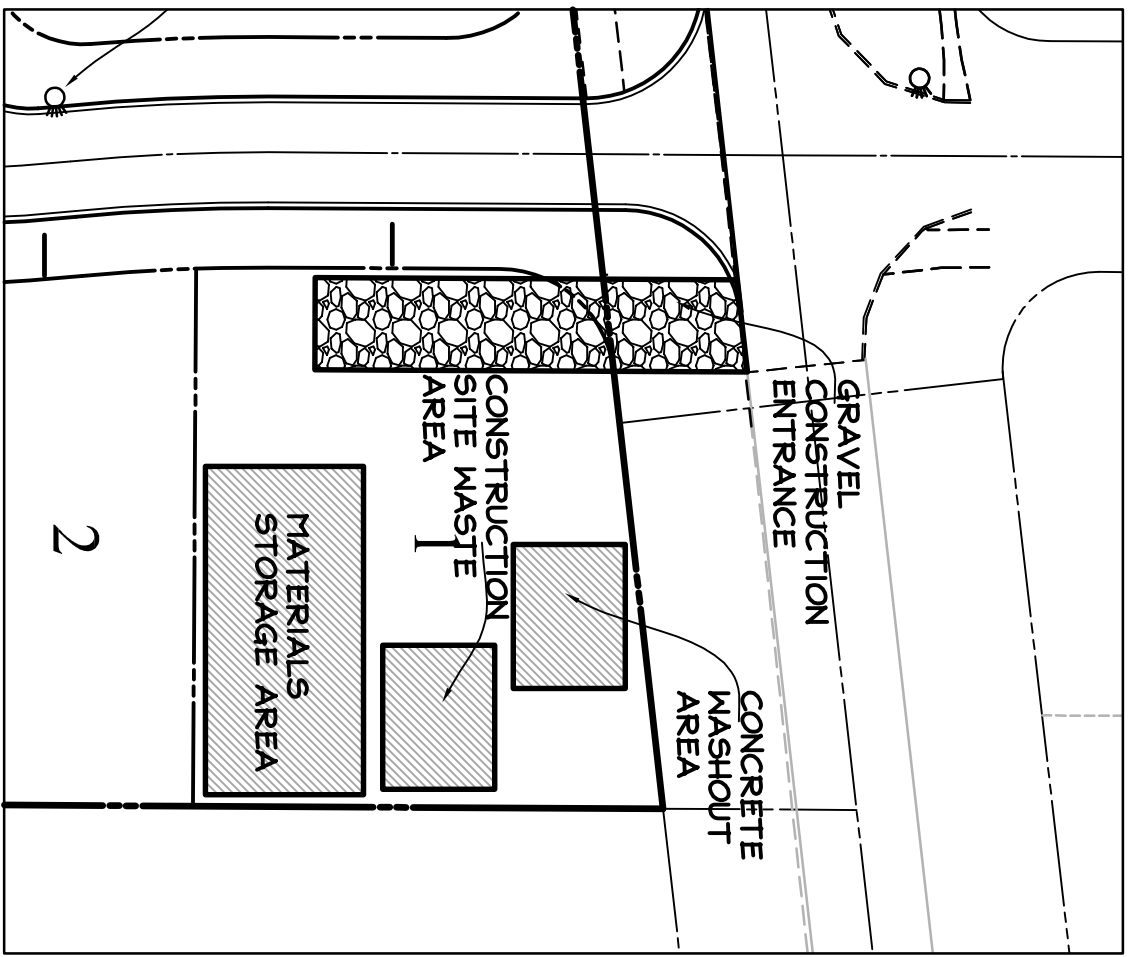


INTERSECTION DETAIL
S.E. RIVERBIRCH LANE AND S.E. WILLOWBROOK DRIVE
SCALE: 1"=20' (GRADES @ TOP OF SLAB)

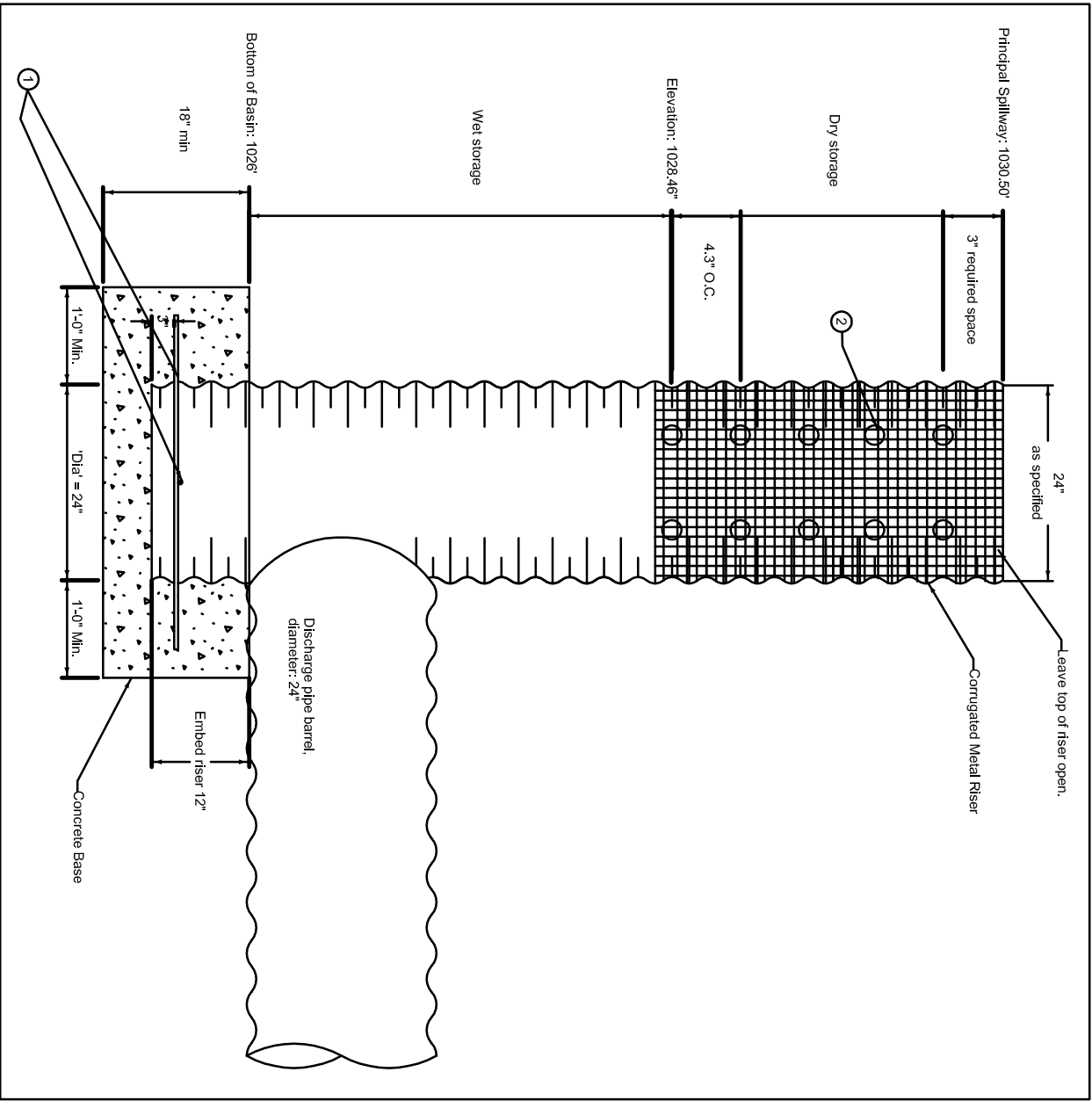


LANDSCAPE BUFFER PLANTING PLAN
SCALE 1"=50'

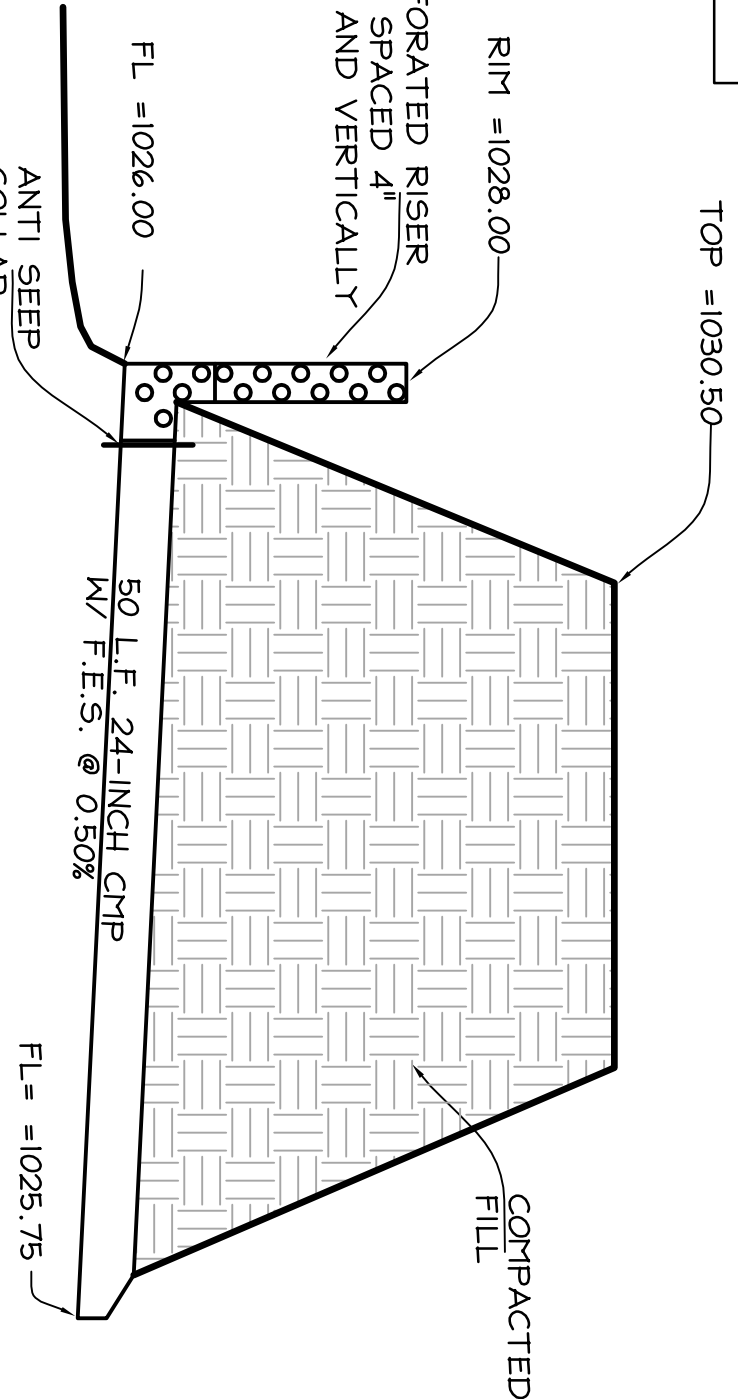
PLANTING SCHEDULE			
COUNT	KEY	Botanical name/COMMON NAME	CONDITION REMARKS
10	AR	Acer x Frémontii 'Lefreres'	SEE PLAN
5	GT	Gleditsia Tricantus	SEE PLAN
20	AC	Amelanchier canadensis	SEE PLAN
10	MS	Malus species 'Spring Snow'	NO FRUIT
10	PG	Picea pungens glauca	SEE PLAN
10	PD	Picea canadensis	SEE PLAN



CONSTRUCTION ENTRANCE
MATERIALS STORAGE
CONCRETE WASHOUT
SCALE 1"=60'



STANDPIPE DETAIL
24" CMP STANDPIPE FOR SEDIMENT BASIN 20
2.25" HOLE IN 4 ROWS OF 5 SPACE 4.3"



TEMPORARY SEDIMENT BASIN OUTLET DETAIL
(NO SCALE)

COOPER CRAWFORD
& ASSOCIATES, L.L.C.
CIVIL ENGINEERS

475 S. 50th STREET, SUITE 800, WEST DES MOINES, IOWA 50265
PHONE: (515) 224-1344 FAX: (515) 224-1345

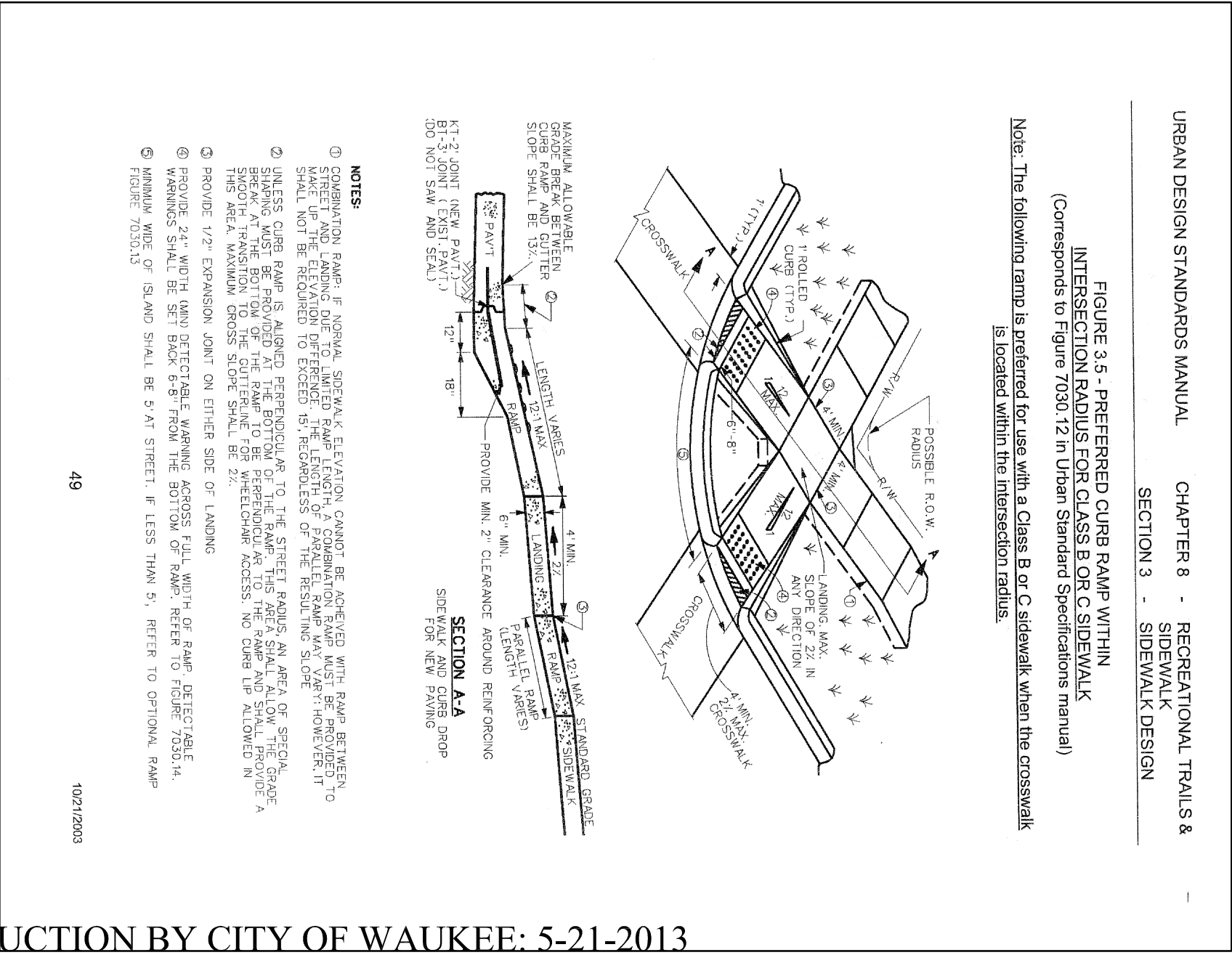
DATE: 4/18/2013
REVISIONS: 5/10/2013

JOB NUMBER
1485

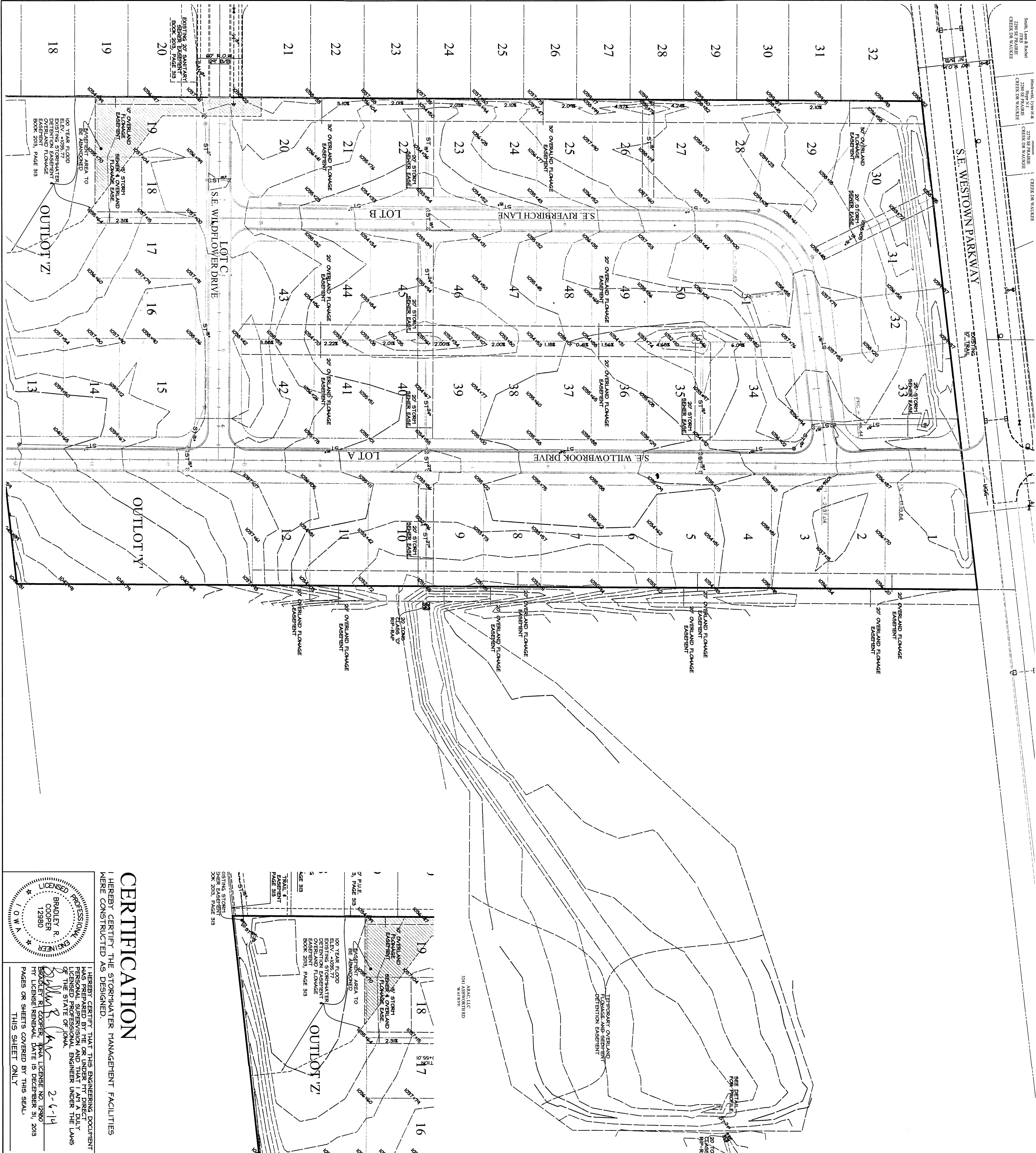
APPROVED: --
INITIALS: --
AS-BUILT: --

DETAILS
WESTOWN MEADOWS PLAT 2

SHEET
13 OF 13



Sheeted 1 of 14
SOUTH LANE & ROAD
2200 S.E. PARKVIEW
CREEK DR. WALKER
CREEK DR. WALKER
CREEK DR. WALKER



WESTTOWN MEADOWS PLAT 2

STORMWATER MANAGEMENT
FACILITIES AS-BUILT TOPO

COOPER CRAWFORD & ASSOCIATES, L.L.C.

CIVIL ENGINEERS

475 S. 50th STREET, SUITE 800, WEST DES MOINES, IOWA 50265
PHONE: (515) 224-1344 FAX: (515) 224-1345

DATE: 12-16-2013

REVISIONS:

APPROVED: --	AS-BUILT: --
--------------	--------------

STORMWATER MANAGEMENT FACILITIES AS-BUILT

WESTTOWN MEADOWS PLAT 2

JOB NUMBER
CC 1485

SHEET
1 OF 1

CERTIFICATION

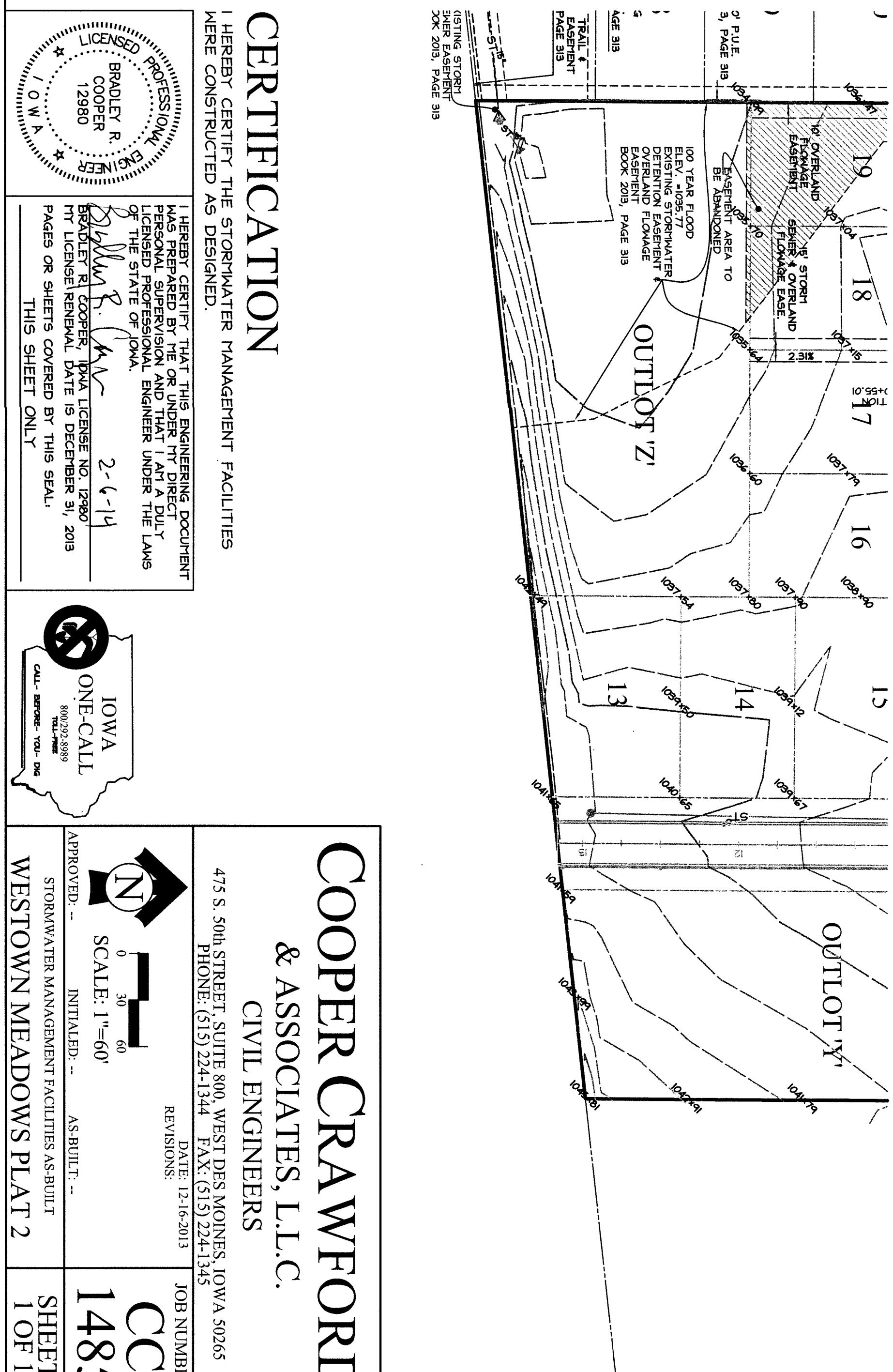
I HEREBY CERTIFY THE STORMWATER MANAGEMENT FACILITIES WERE CONSTRUCTED AS DESIGNED.

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT IS A TRUE AND CORRECT REPRESENTATION OF THE DESIGN AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

BRADLEY R. COOPER
12580
2-1-14
IOWA LICENSE NO. 12580
MY LICENSE RENEWAL DATE IS DECEMBER 31, 2013

PAGES OR SHEETS COVERED BY THIS SEAL: THIS SHEET ONLY.

SEE DETAIL 1
FOR
PIPE RAPS



IOWA
ONE-CALL
800-368-6868
CALL BEFORE YOU DIG