

Construction Plans

for

Sanitary Sewer, Water Main, Storm Sewer and Streets

for

Windermere Shakopee, Minnesota

Prepared for:

DR Horton Custom Homes
20860 Kenbridge Court, Suite 100
Lakeville, MN, 55044
Contact: Dave Klee
Phone: 952-985-7837
Fax: 952-985-7400

Prepared by:

Westwood

Phone (952) 937-5150 7699 Anagram Drive
Fax (952) 937-5822 Eden Prairie, MN 55344
Toll Free (888) 937-5150 westwoodps.com

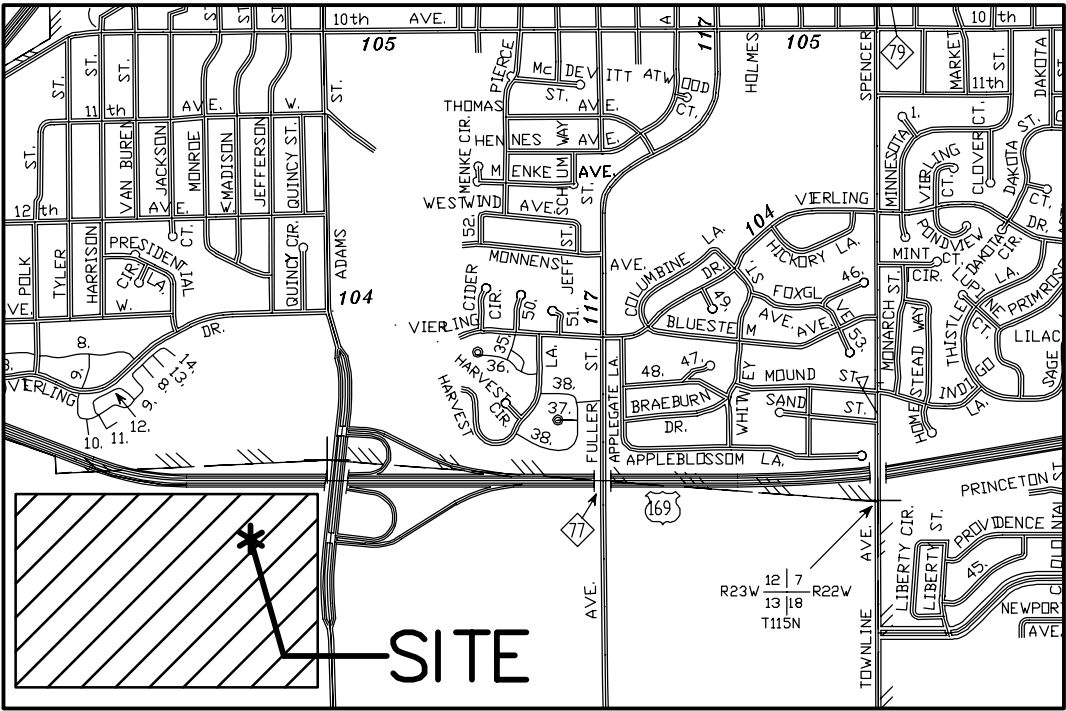
Westwood Professional Services, Inc.

Project number: 0000615.00

Contact: Francis D Hagen II

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Vicinity Map



(Not to Scale)

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF SHAKOPEE'S GENERAL SPECIFICATIONS AND STANDARD DETAIL PLATES FOR STREET AND UTILITY CONSTRUCTION.
- THE CONTRACTOR SHALL INSTALL A STEEL MARKER POST AT THE END OF EACH SANITARY SEWER SERVICE. THE DEVELOPER SHALL PROVIDE GPS COORDINATES OF EACH MARKER POST AND GPS COORDINATES OF EACH SANITARY SEWER SERVICE WYE . FINAL RECORD DRAWINGS SUBMITTED TO THE CITY SHALL HAVE A TABLE IDENTIFYING EACH SANITARY SEWER SERVICE WITH THE AFOREMENTIONED GPS COORDINATES.

NO.	DATE	REVISION	SHEETS
1			1
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APPROVED FOR ONE YEAR FROM THIS DATE

CITY ENGINEER

DATE

Construction Plans

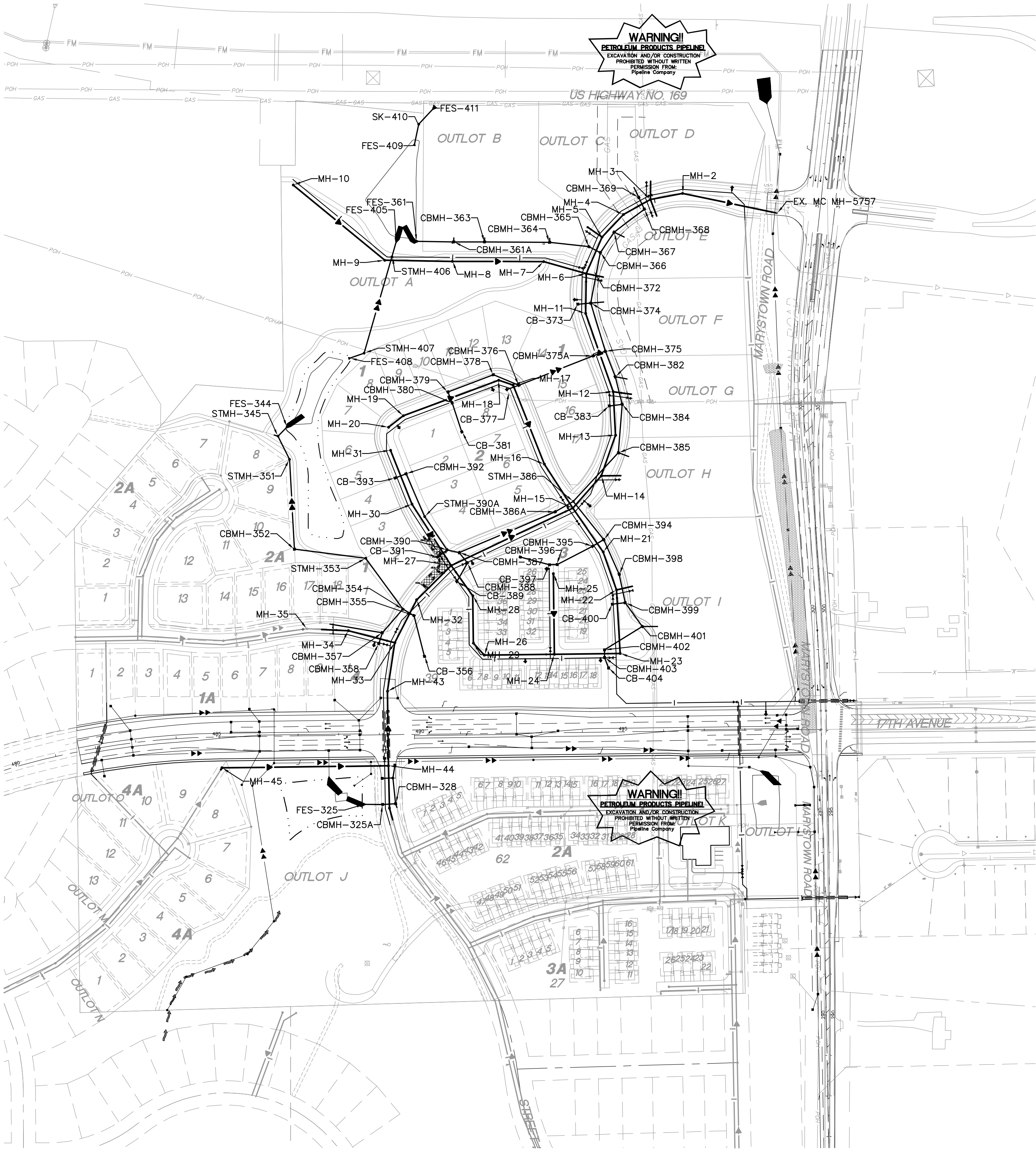
for

Sanitary Sewer, Water Main, Storm Sewer and Streets

for

Windermere
Shakopee, Minnesota

Date: 05/19/17 Sheet: 1 of 22



UTILITY LINES

- EXISTING
- Sanitary Sewer
 - Water
 - Hyd. w\Valve
 - Storm Sewer
- PROPOSED
- Sanitary Sewer
 - Water
 - Hyd. w\Valve
 - Storm Sewer
- FUTURE
- Sanitary Sewer
 - Water
 - Hyd. w\Valve
 - Storm Sewer
- BY OTHERS
- Sanitary Sewer
 - Water
 - Hyd. w\Valve
 - Storm Sewer

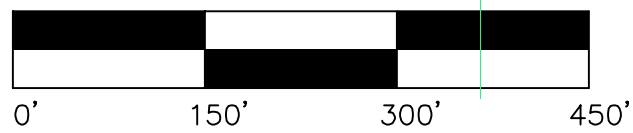
Call 48 Hours before digging:
811 or call811.com
Common Ground Alliance

STORM SEWER CASTING SCHEDULE			
STRUCTURE			CASTING TYPE
NUMBER	TYP.	DIA.	
325	FES	21"	TRASHGUARD
325A	CBMH	48"	R-3067-V
328	CBMH	48"	R-3067-V
344	FES	24"	TRASHGUARD
345	STMH	48"	R-1642
351	STMH	48"	R-1642
352	CBMH	48"	R-3067-V
353	STMH	48"	R-1642
354	CBMH	48"	R-3067-V
355	CBMH	48"	R-3067-V
356	CB	27"	R-4342
357	CBMH	48"	R-3067-V
358	CBMH	48"	R-3067-V
359	CBMH	48"60"	R-3067-V
360	CB	2'x3'	R-3067-V
361	FES	48"	TRASHGUARD
361A	CBMH	72"	R-3067-V
363	CBMH	72"	R-3067-V
364	CBMH	72"	R-3067-V
365	CBMH	72"	R-3067-V
366	CBMH	84"	R-3067-V
367	CBMH	48"	R-3067-V
368	CBMH	48"	R-3067-V
369	CBMH	48"	R-3067-V
372	CBMH	60"	R-3067-V
373	CB	2'x3'	R-3067-V
374	CBMH	72"	R-3067-V
375	CBMH	72"	R-3067-V
375A	CBMH	48"	R-3067-V
376	CBMH	72"	R-3067-V
377	CB	2'x3'	R-3067-V
378	CBMH	48"	R-3067-V
379	CBMH	48"	R-3067-V
380	CBMH	48"	R-3067-V
381	CB	27"	R-4342
382	CBMH	84"	R-3067-V
383	CB	2'x3'	R-3067-V
384	CBMH	72"	R-3067-V
385	CBMH	60"	R-3067-V
386	STMH	60"	R-3067-V
386A	CBMH	48"	R-3067-V
387	CBMH	48"60"	R-3067-V
388	CBMH	48"	R-3067-V
389	CB	2'x3'	R-3067-V
390	CBMH	48"	R-3067-V
390A	STMH	48"	R-3067-V
391	CB	2'x3'	R-3067-V
392	CBMH	48"	R-3067-V
393	CB	2'x3'	R-3067-V
394	CBMH	60"	R-3067-V
395	CBMH	48"	R-3067-V
396	CBMH	48"	R-3067-V
397	CB	2'x3'	R-3067-V
398	CBMH	48"	R-3067-V
399	CBMH	48"	R-3067-V

STORM SEWER CASTING SCHEDULE			
STRUCTURE			CASTING TYPE
NUMBER	TYP.	DIA.	
400	CB	2'x3'	R-3067-V
401	CBMH	60"	R-3067-V
402	CBMH	48"	R-3067-V
403	CBMH	48"	R-3067-V
404	CB	2'x3'	R-3067-V
405	FES	21"	TRASHGUARD
406	STMH	48"	R-1642
407	STMH	48"	R-1642
408	FES	15"	TRASHGUARD
409	FES	30"	TRASHGUARD
410	SK	60"	SEE DETAIL
411	FES	30"	TRASHGUARD

APPROVED FOR ONE YEAR FROM THIS DATE

SHAKOPEE PUBLIC UTILITIES COMMISSION
DATE
All materials and construction methods shall comply with Shakopee Public Utilities per water policy manual dtd August 04, 2014.



Latest Revision Date: 05/19/17

00006150AF01.dwg

Date: 05/19/17 Sheet: 2 OF 22

Westwood

Phone (952) 937-5150 7699 Anagram Drive
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Toll Free (888) 937-5150 westwoodps.com
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Francis D Hagen II
Date: 05/19/17 License No. 17716

Revisions:

Designed: FDH II
Checked: FDH II
Drawn: DWR
Record Drawing by/date:

Prepared for:

DR Horton Custom Homes
20860 Kenbridge Court, Suite 100
Lakeville, MN, 55044

Windermere

Shakopee, Minnesota

Overall

TYPICAL SERVICE INFORMATION

XXX.X

DENOTES SANITARY SEWER SERVICE
INVERT @ END OF SERVICE.

WYE=X+XX

DENOTES SANITARY SEWER SERVICE WYE
LOCATED ON MAINLINE FROM DOWN
STREAM M.H.

ALL PVC PIPE SHALL BE SDR 35 UNLESS
OTHERWISE NOTED.

ALL WATERMAIN SHALL BE DIP CLASS 52
WRAPPED IN POLYETHYLENE

WATERMAIN SHALL HAVE A MINIMUM OF
7.5 FT OF COVER

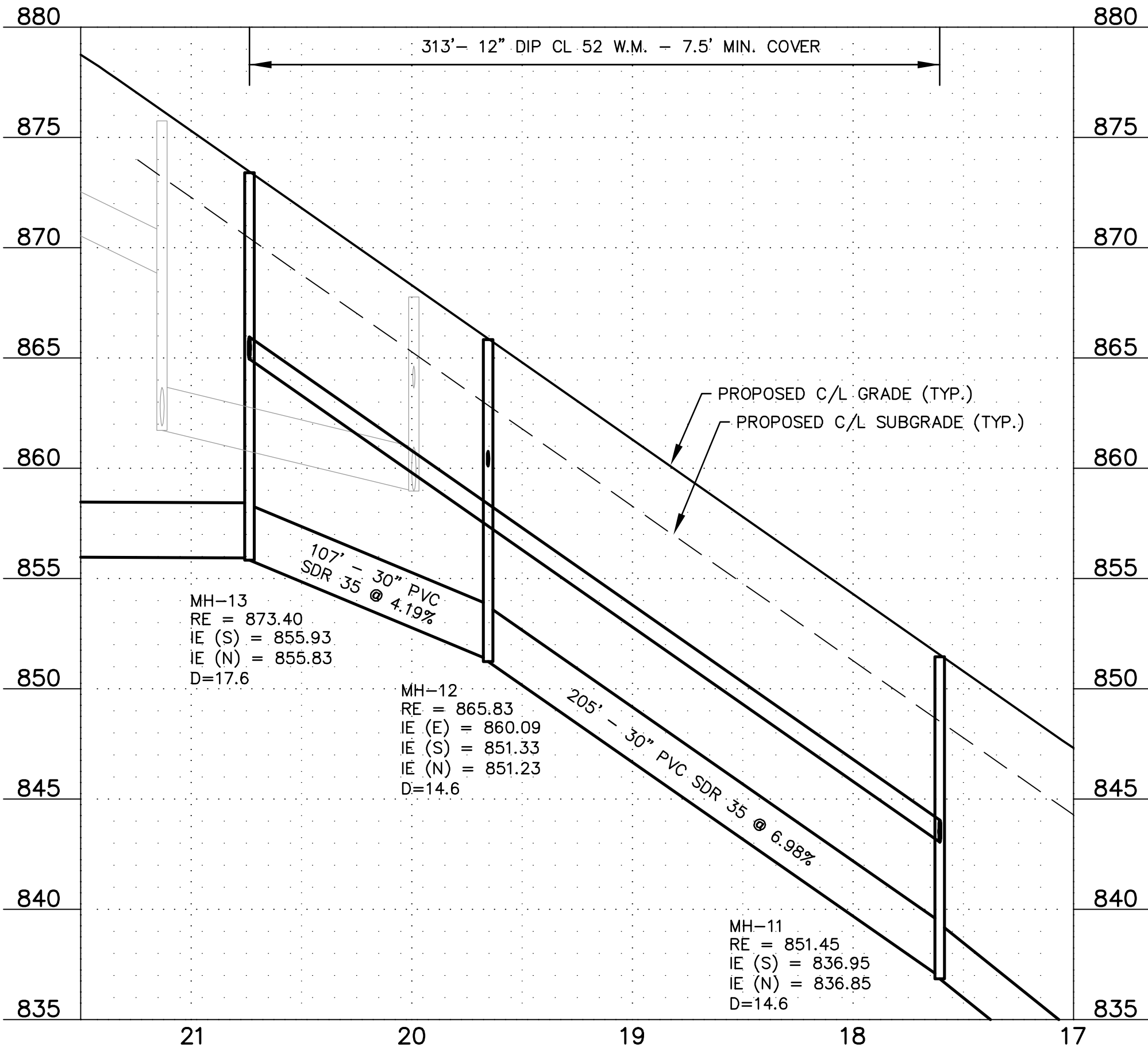
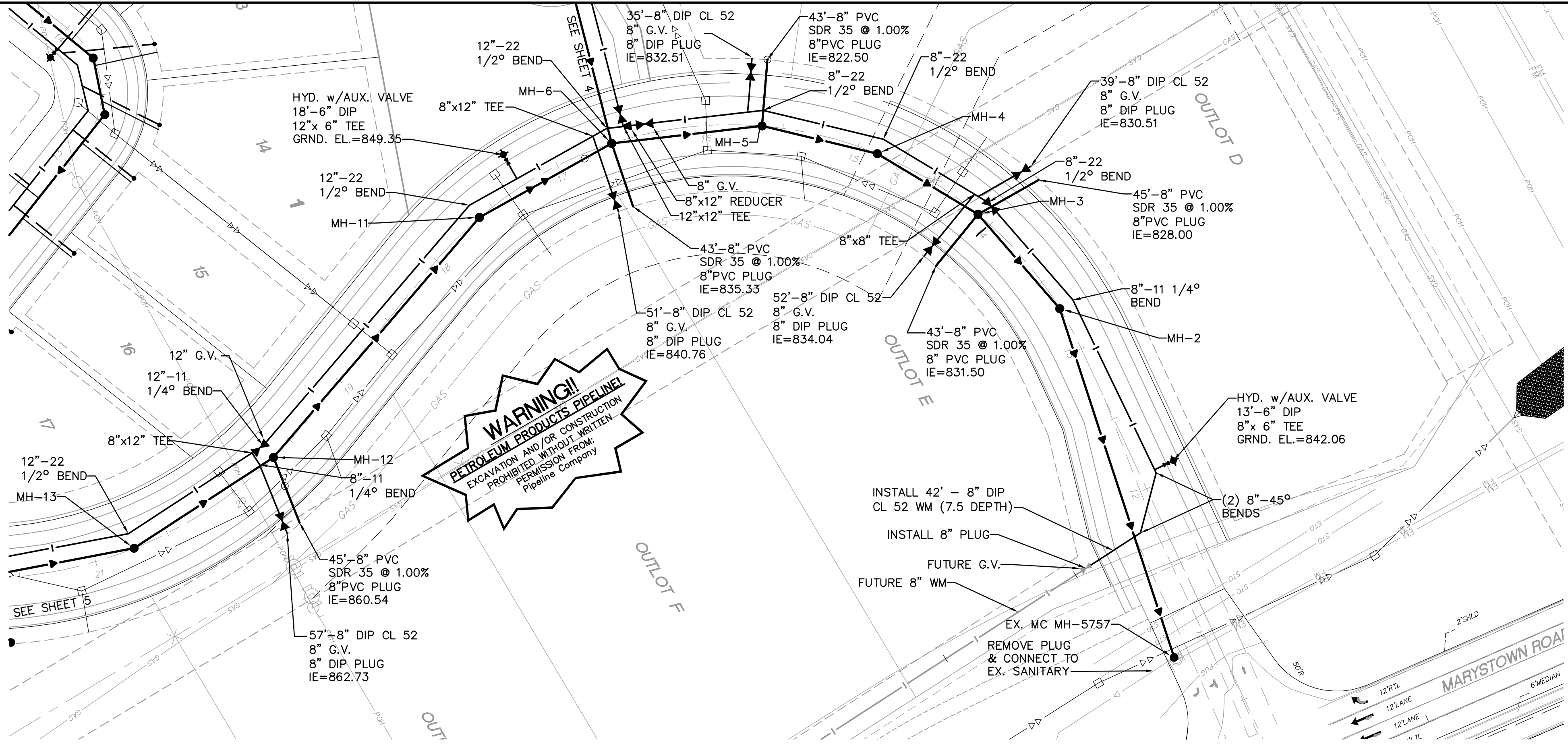
FLAG HYDRANTS

EXTEND RODS ON DEEP VALVES.

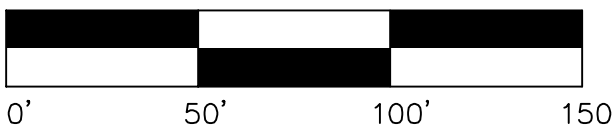
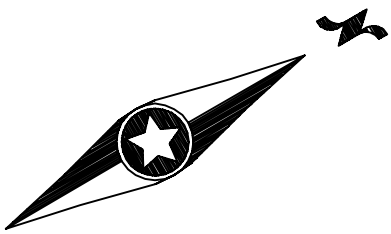
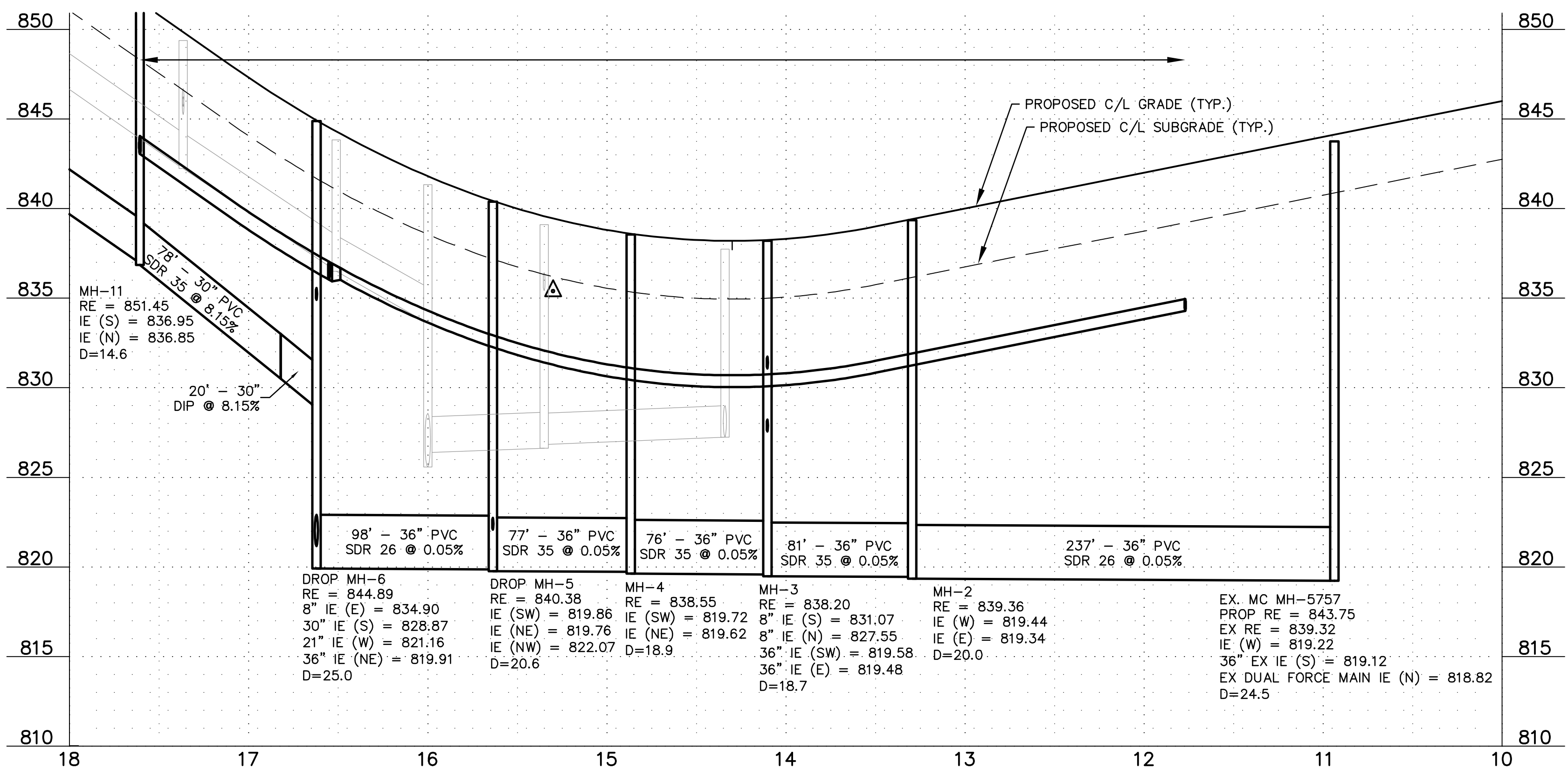
ALL SANITARY SEWER SERVICES SHALL
BE 4" PVC SCHEDULE 26 UNLESS
OTHERWISE NOTED

ALL WATER SERVICES SOUTH OF 17TH
AVE. SHALL BE 1" COPPER UNLESS
OTHERWISE NOTED

ALL WATER SERVICES NORTH OF 17TH
AVE. SHALL BE 1.5" COPPER UNLESS
OTHERWISE NOTED



WINDERMERE WAY



Latest Revision Date: 05/19/17

Date: 05/19/17 Sheet: 3 OF 22

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Drawn: DWR
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DR Horton Custom Homes
20860 Kenbridge Court, Suite 100
Lakeville, MN, 55044

Windermere

Shakopee, Minnesota

**Sanitary Sewer and
Watermain Construction
Plan**

XXX.X

$$\text{WYE} = X + XX$$

DENOTES SANITARY SEWER SERVICE WYE
LOCATED ON MAINLINE FROM DOWN
STREAM M.H.

ALL PVC PIPE SHALL BE SDR 35 UNLESS OTHERWISE NOTED.

ALL WATERMAIN SHALL BE DIP CLASS 52
WRAPPED IN POLYETHYLENE

WATERMAIN SHALL HAVE A MINIMUM OF
7.5 FT OF COVER

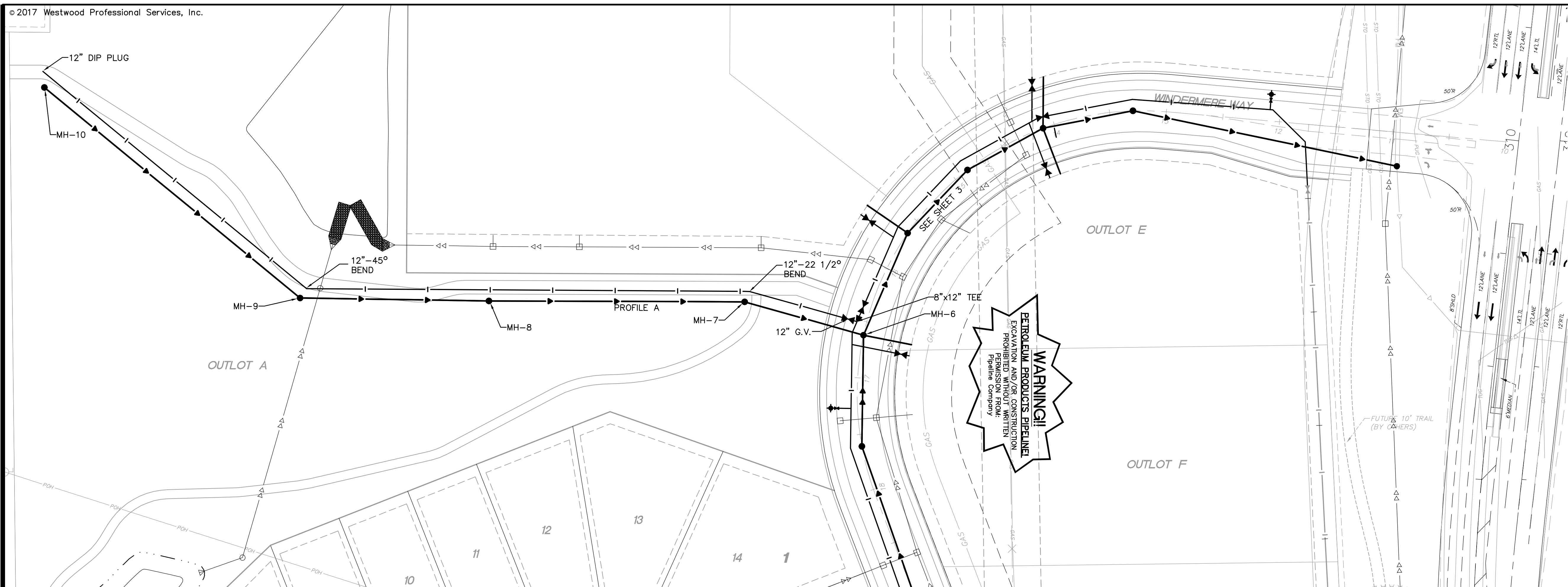
FLAG HYDRANTS

EXTEND RODS ON DEEP VALVES.

ALL SANITARY SEWER SERVICES SHALL
BE 4" PVC SCHEDULE 26 UNLESS
OTHERWISE NOTED

ALL WATER SERVICES SOUTH OF 17TH
AVE. SHALL BE 1" COPPER UNLESS
OTHERWISE NOTED

ALL WATER SERVICES NORTH OF 17TH
AVE. SHALL BE 1.5" COPPER UNLESS
OTHERWISE NOTED



PROFILE A

792' - 12" DIP CL 52 W.M. - 7.5' MIN. COVER

292' - 21" PVC
SDR 35 @ 0.10%

166' - 21" PVC
SDR 35 @ 0.10%

225' - 21" PVC
SDR 35 @ 0.10%

109' - 21" PVC
SDR 26 @ 1.43%

MH-10
RE = 838.00
IE (SE) = 823.68
D=14.3

MH-9
RE = 832.00
IE (NW) = 823.40
IE (E) = 823.30
D=8.7

MH-8
RE = 832.90
IE (W) = 823.14
IE (E) = 823.04
D=9.9

MH-7
RE = 840.32
IE (W) = 822.81
IE (E) = 822.71
D=17.6

DROP MH-6
RE = 844.89
6" IE (E) = 834.90
30" IE (S) = 828.87
21" IE (W) = 821.16
36" IE (NE) = 819.91
D=25.0



Latest Revision Date: 05/19/17

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Date: 05/19/17 Sheet: 4 OF 22

Francis D Hagen II
Date: 05/19/17 License No. 17716

<u>Designed:</u>	FDH II
<u>Checked:</u>	FDH II
<u>Drawn:</u>	DWR
<u>Record Drawing by/date:</u>	

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20860 Kenbridge Court, Suite 100
Lakeville, MN, 55044

Shakopee, Minnesota

Sanitary Sewer and Watermain Construction Plan

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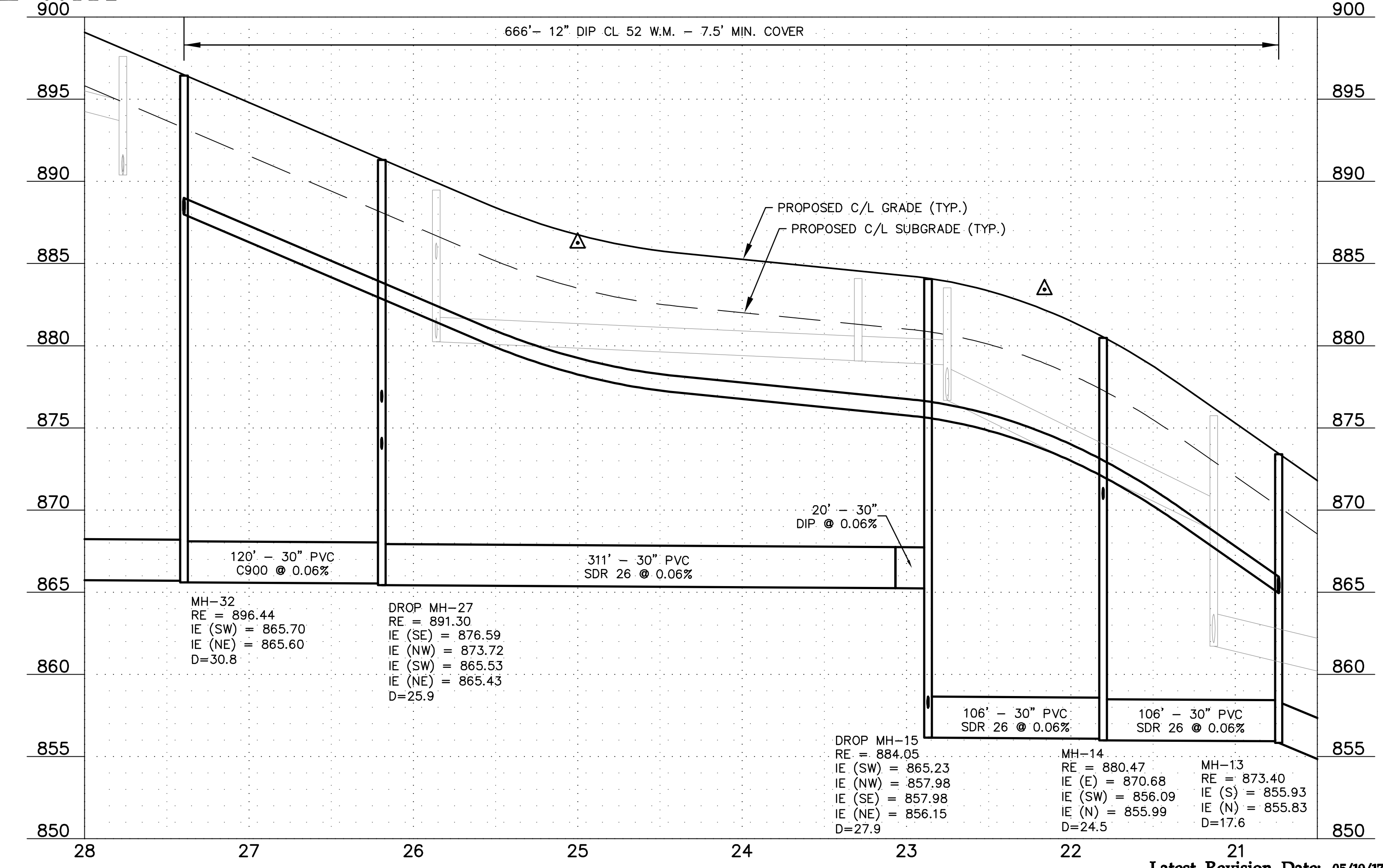
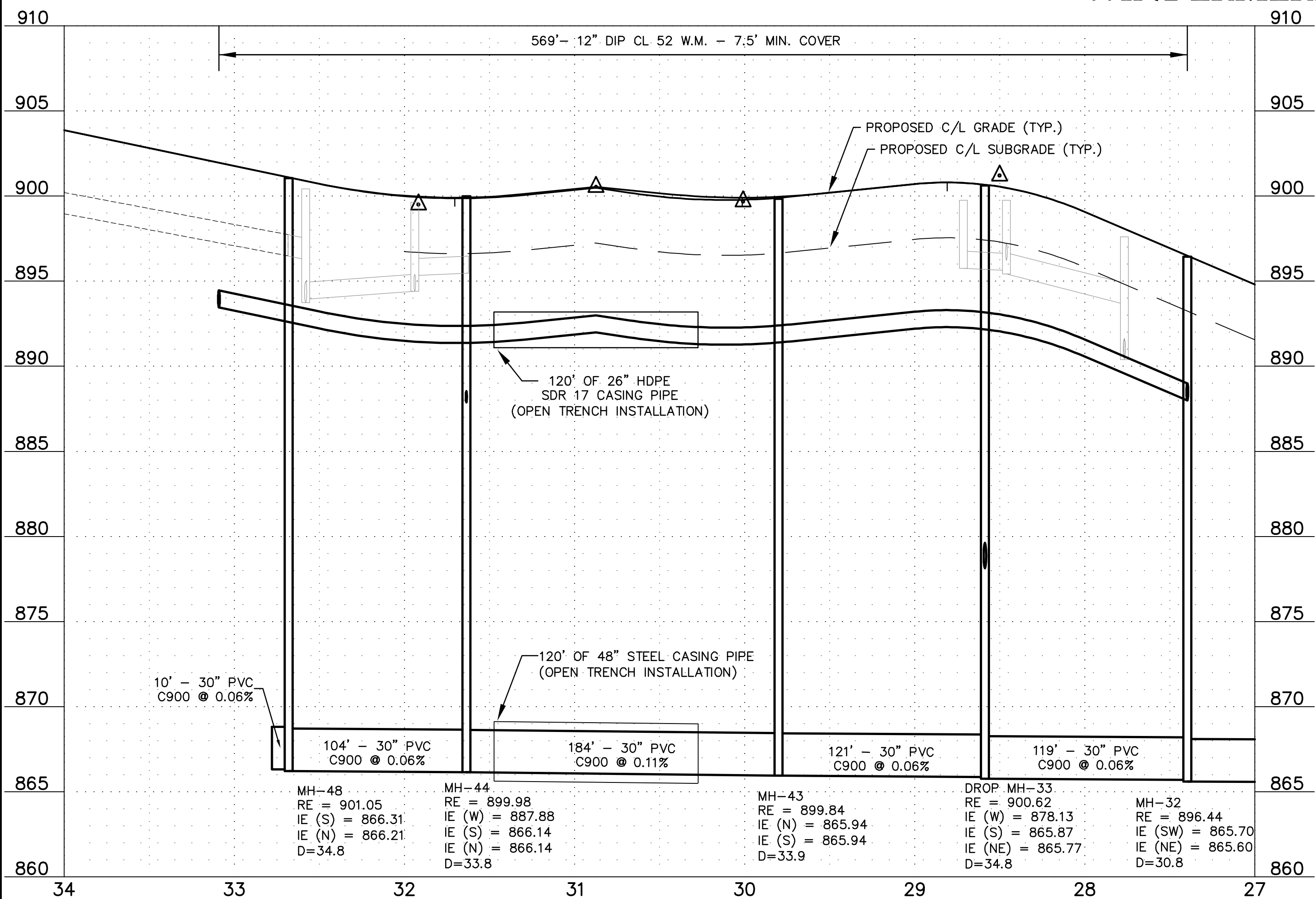
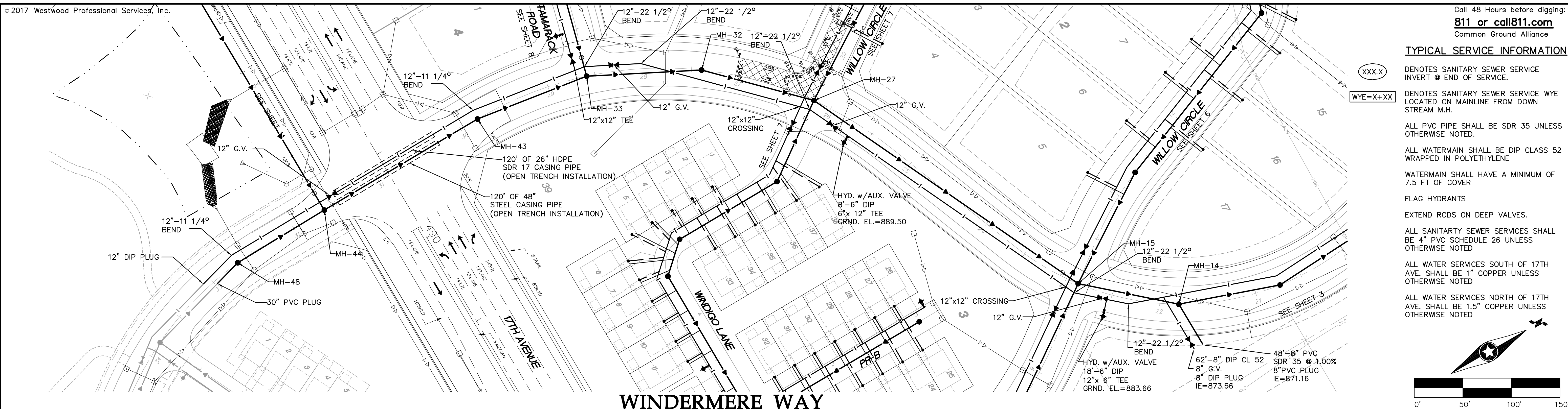
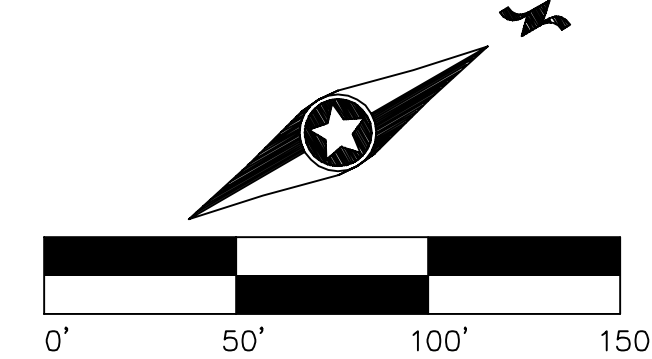
FLAG HYDRANTS

EXTEND RODS ON DEEP VALVES.

ALL SANITARY SEWER SERVICES SHALL
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OTHERWISE NOTED

ALL WATER SERVICES SOUTH OF 17TH
AVE. SHALL BE 1" COPPER UNLESS
OTHERWISE NOTED

ALL WATER SERVICES NORTH OF 17TH
AVE. SHALL BE 1.5" COPPER UNLESS
OTHERWISE NOTED



Latest Revision Date: 05/19/17

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Date: 05/19/17 Sheet: 5 OF 22

Westwood

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Shakopee, Minnesota

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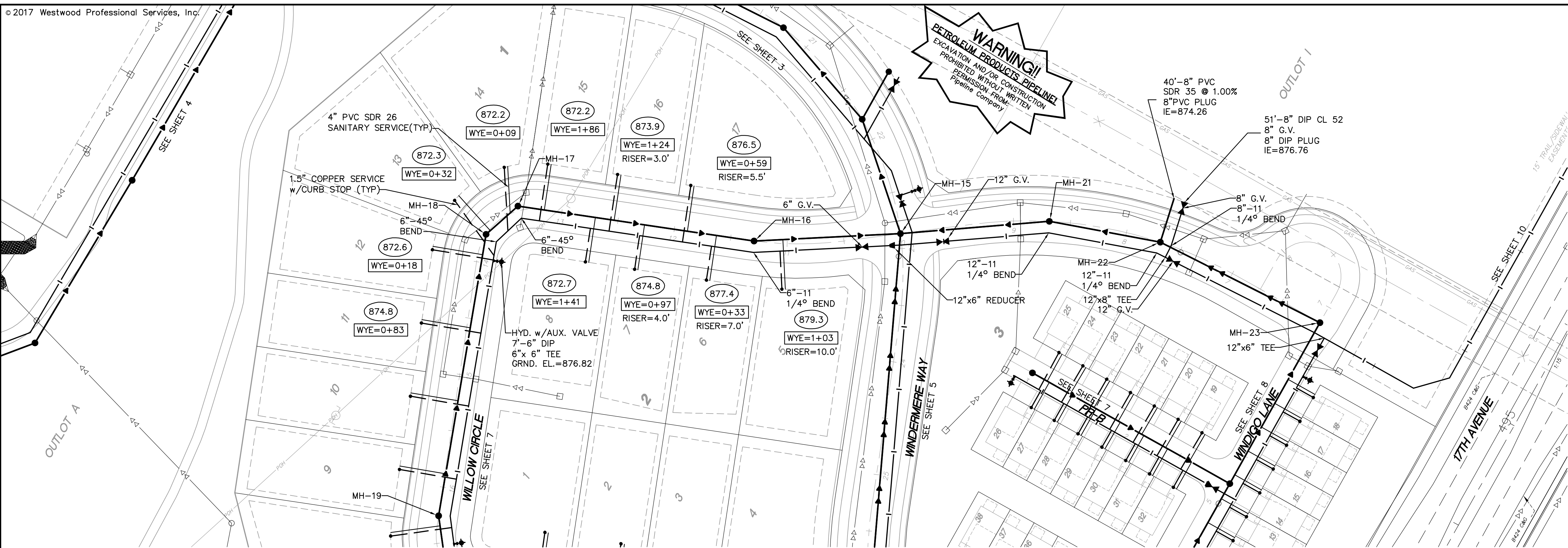
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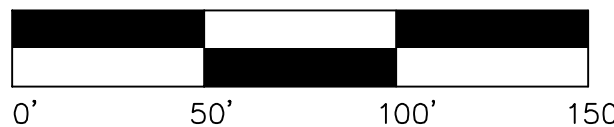
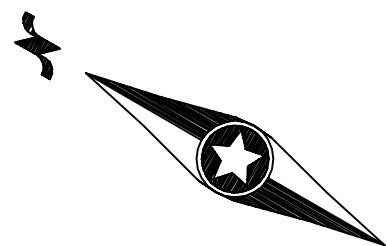
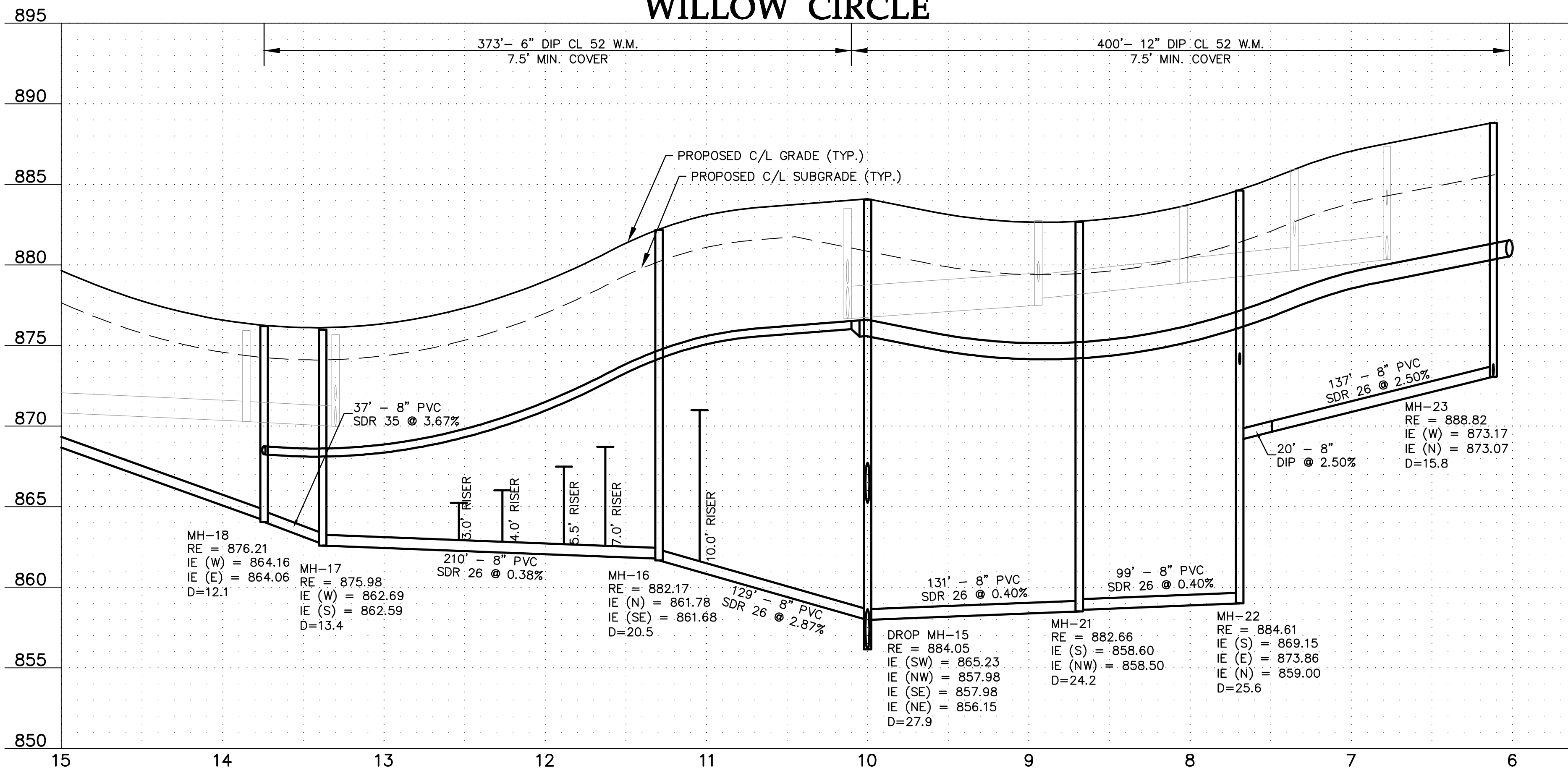
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WILLOW CIRCLE



Latest Revision Date: 05/19/17

Date: 05/19/17 Sheet: 6 OF 22

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Checked: FDH II

Drawn: DWR

Record Drawing by/date:

Prepared for:

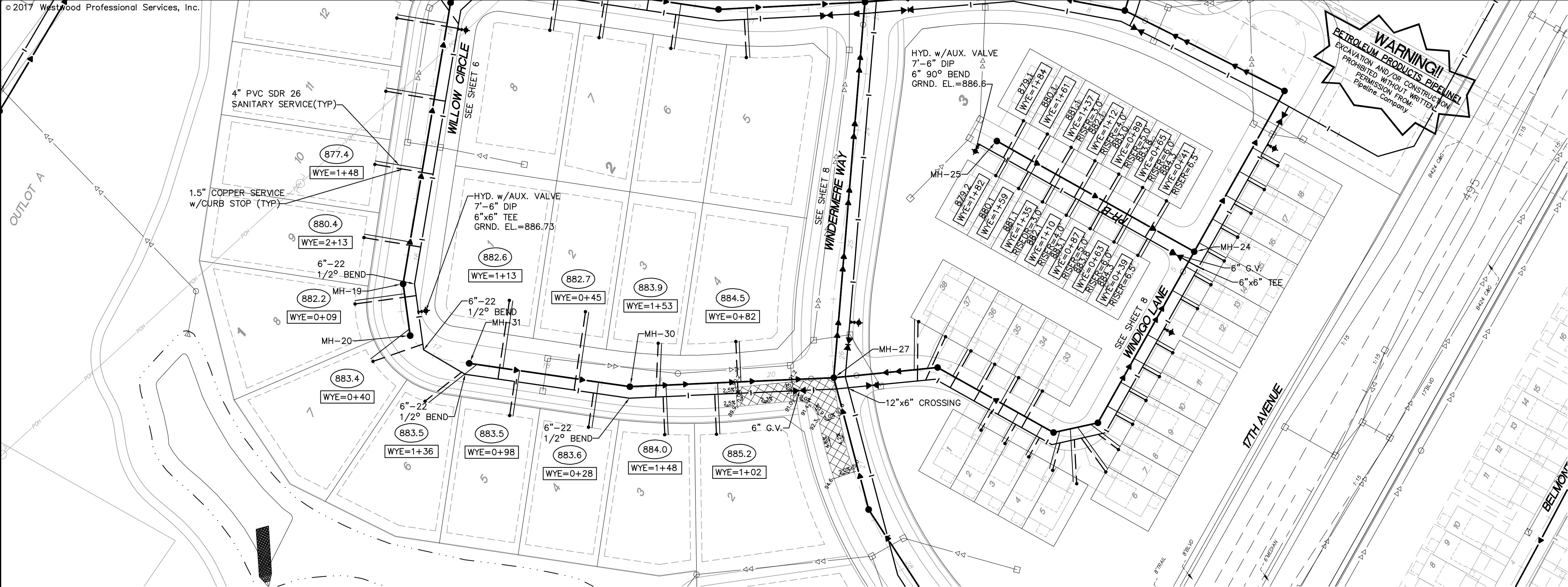
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Windermere

Shakopee, Minnesota

**Sanitary Sewer and
Watermain Construction
Plan**

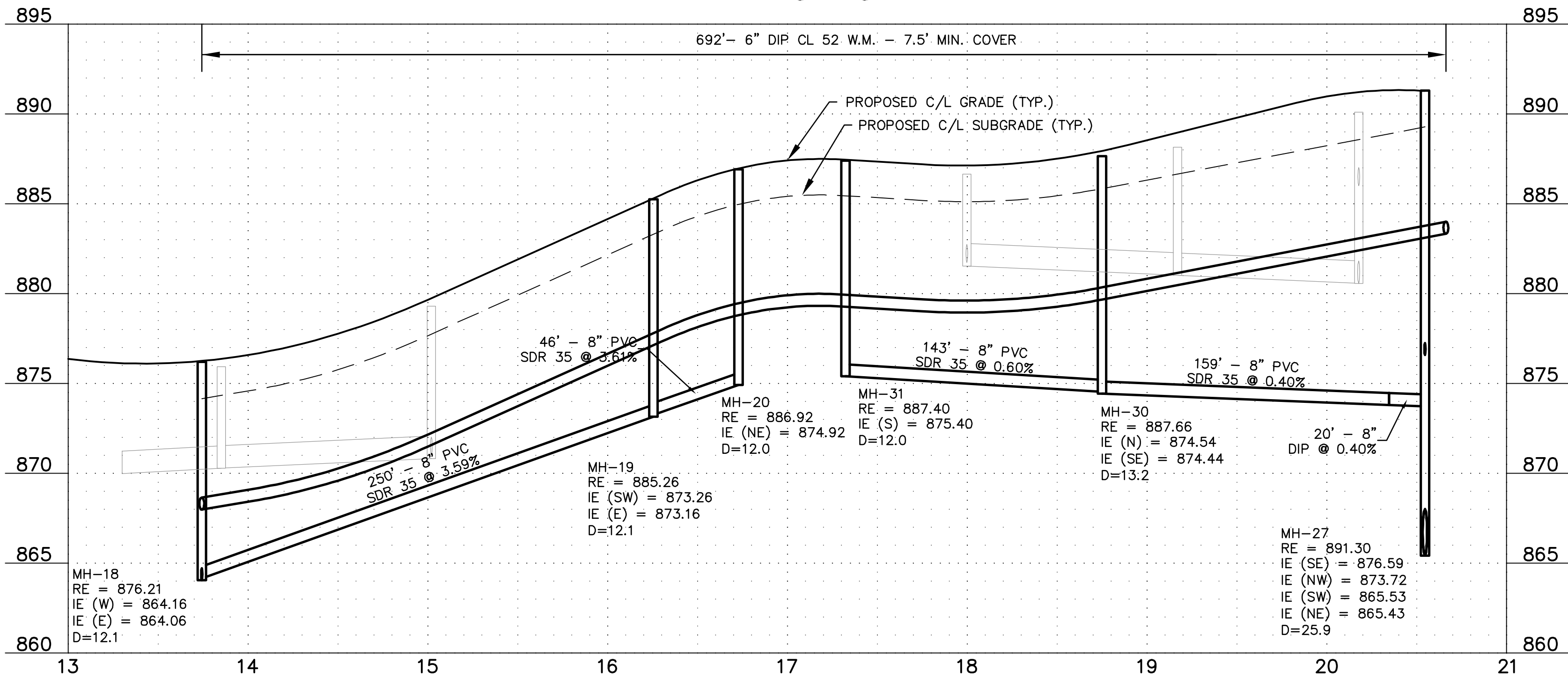


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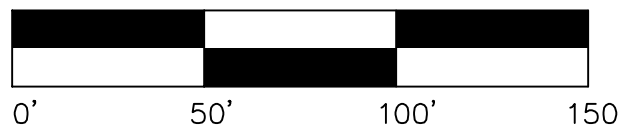
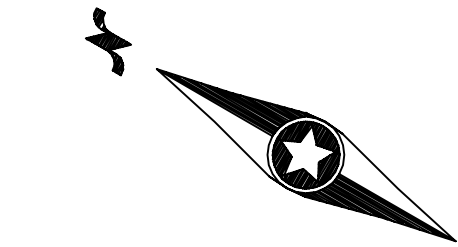
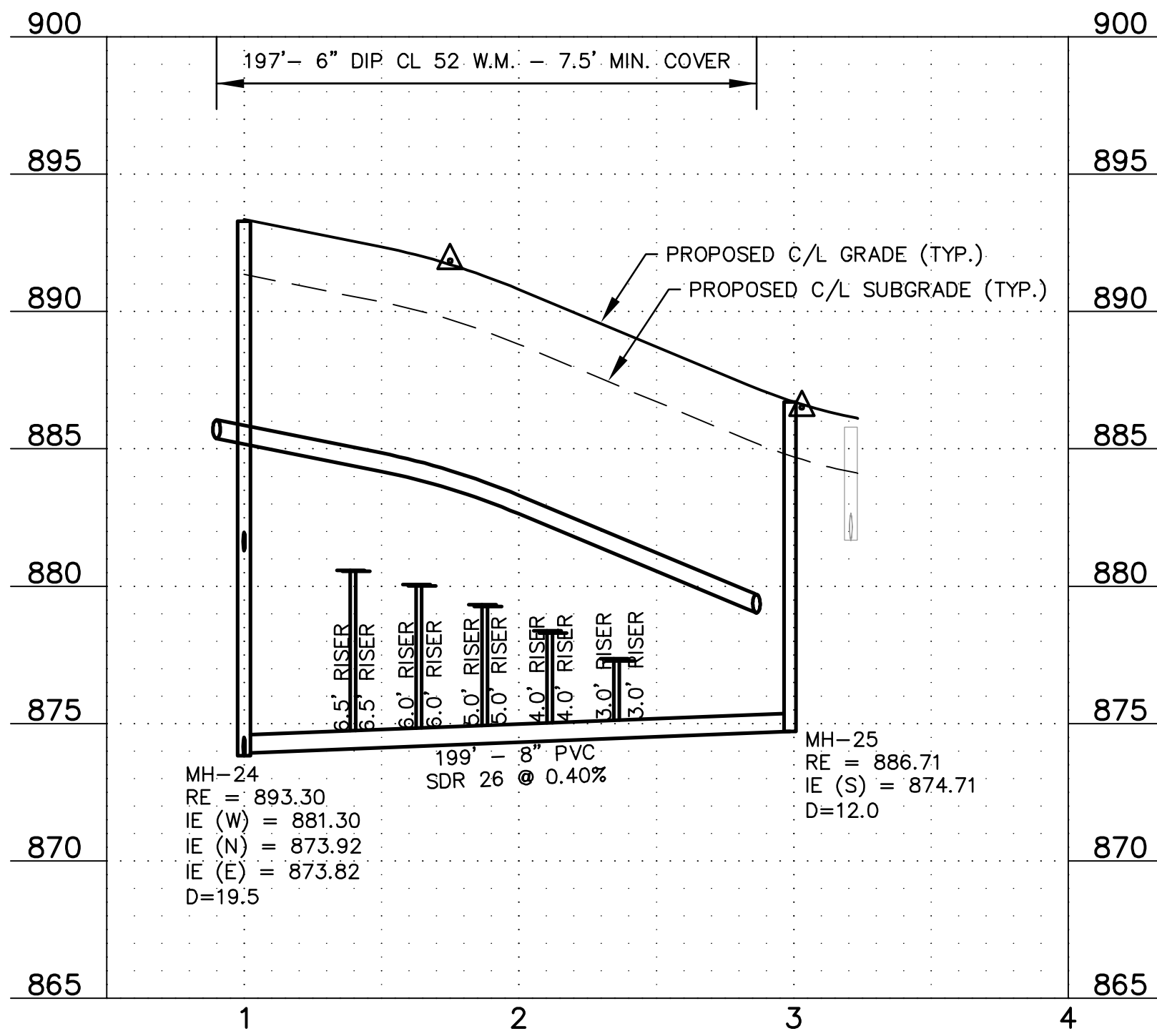
TYPICAL SERVICE INFORMATION

- (XXX.X) DENOTES SANITARY SEWER SERVICE INVERT @ END OF SERVICE.
- WYE=X+XX DENOTES SANITARY SEWER SERVICE WYE LOCATED ON MAINLINE FROM DOWN STREAM M.H.
- ALL PVC PIPE SHALL BE SDR 35 UNLESS OTHERWISE NOTED.
- ALL WATERMAIN SHALL BE DIP CLASS 52 WRAPPED IN POLYETHYLENE
- WATERMAIN SHALL HAVE A MINIMUM OF 7.5 FT OF COVER
- FLAG HYDRANTS
- EXTEND RODS ON DEEP VALVES.
- ALL SANITARY SEWER SERVICES SHALL BE 4" PVC SCHEDULE 26 UNLESS OTHERWISE NOTED
- ALL WATER SERVICES SOUTH OF 17TH AVE. SHALL BE 1" COPPER UNLESS OTHERWISE NOTED
- ALL WATER SERVICES NORTH OF 17TH AVE. SHALL BE 1.5" COPPER UNLESS OTHERWISE NOTED

WILLOW CIRCLE



PR-B



Latest Revision Date: 05/19/17

Date: 05/19/17 Sheet: 7 OF 22

Westwood

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Shakopee, Minnesota

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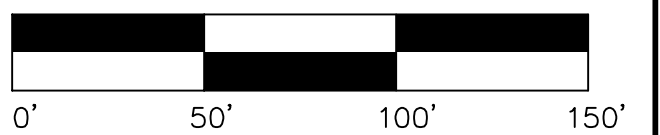
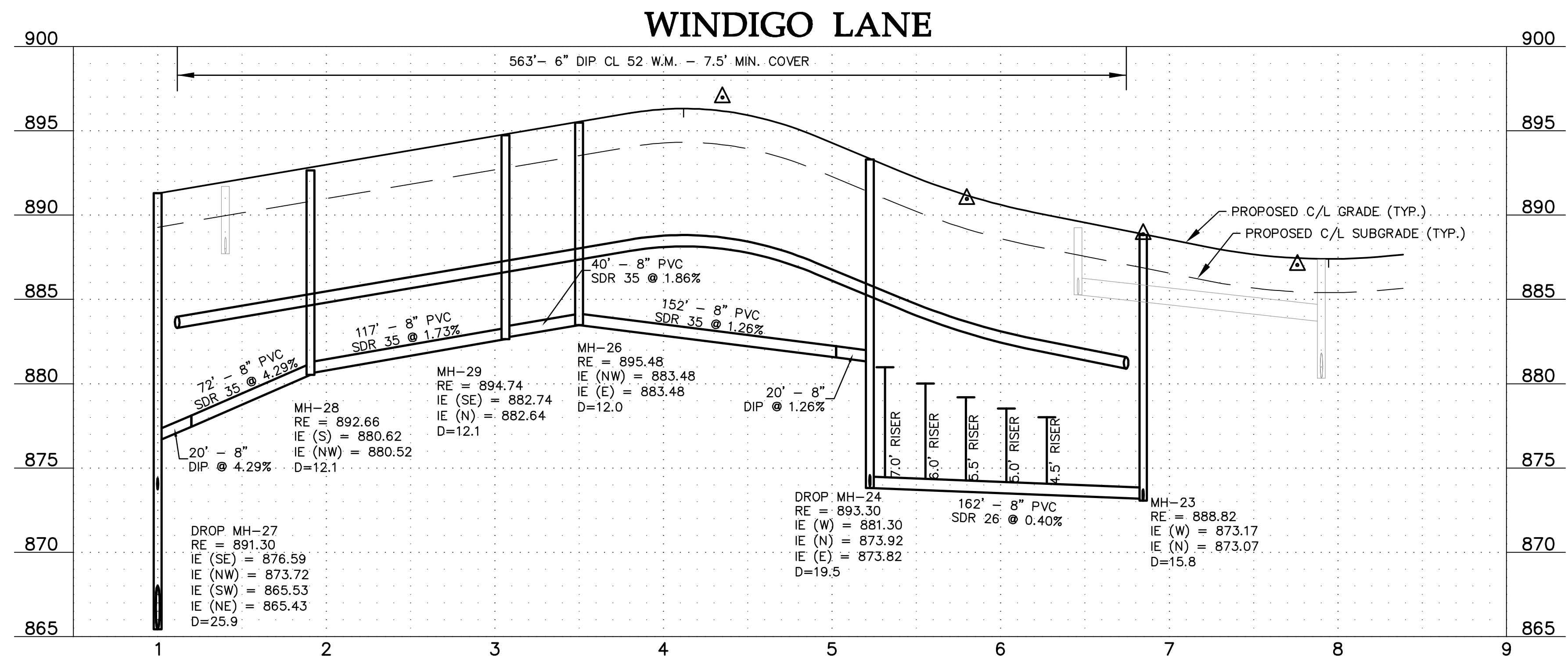
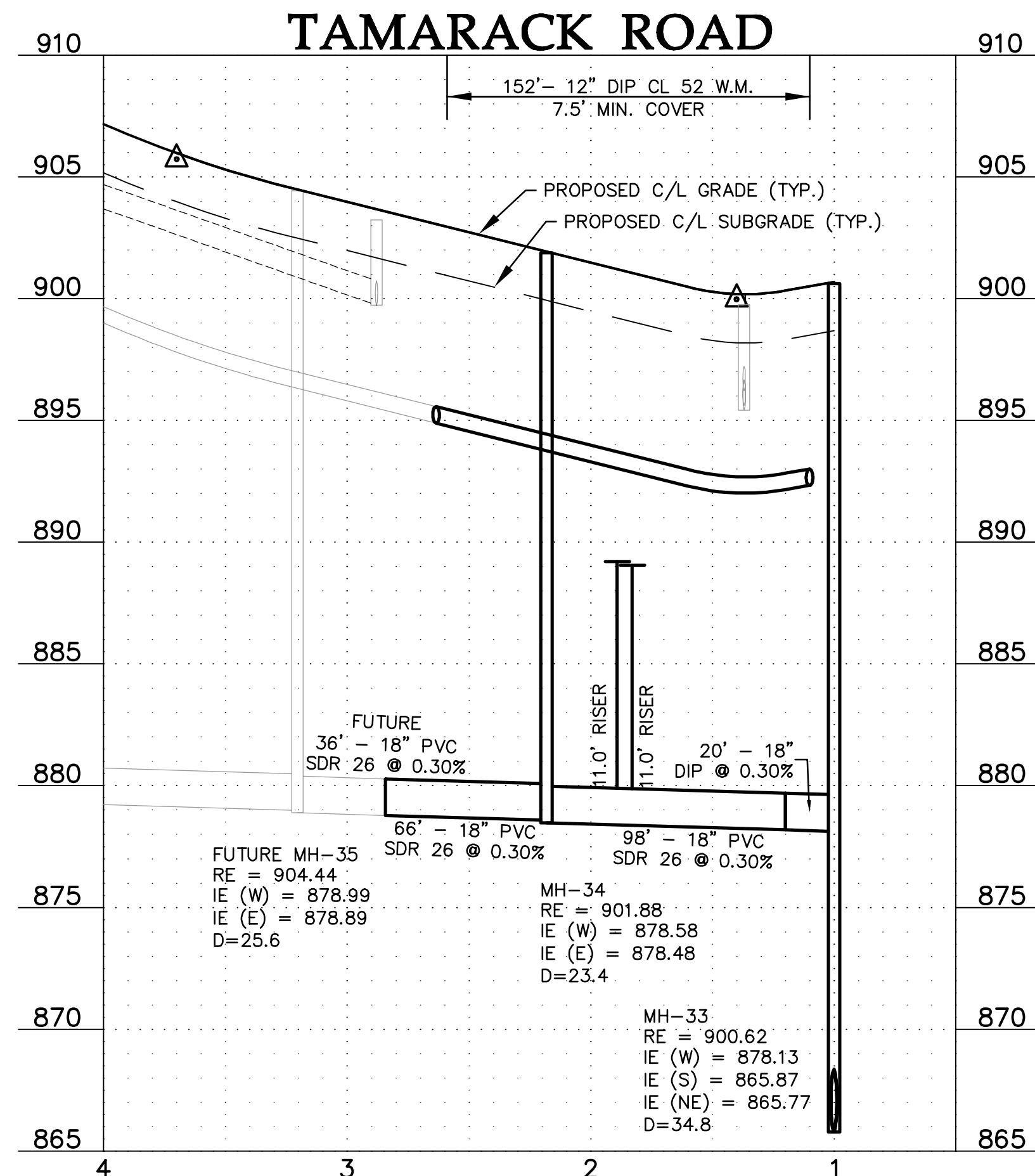
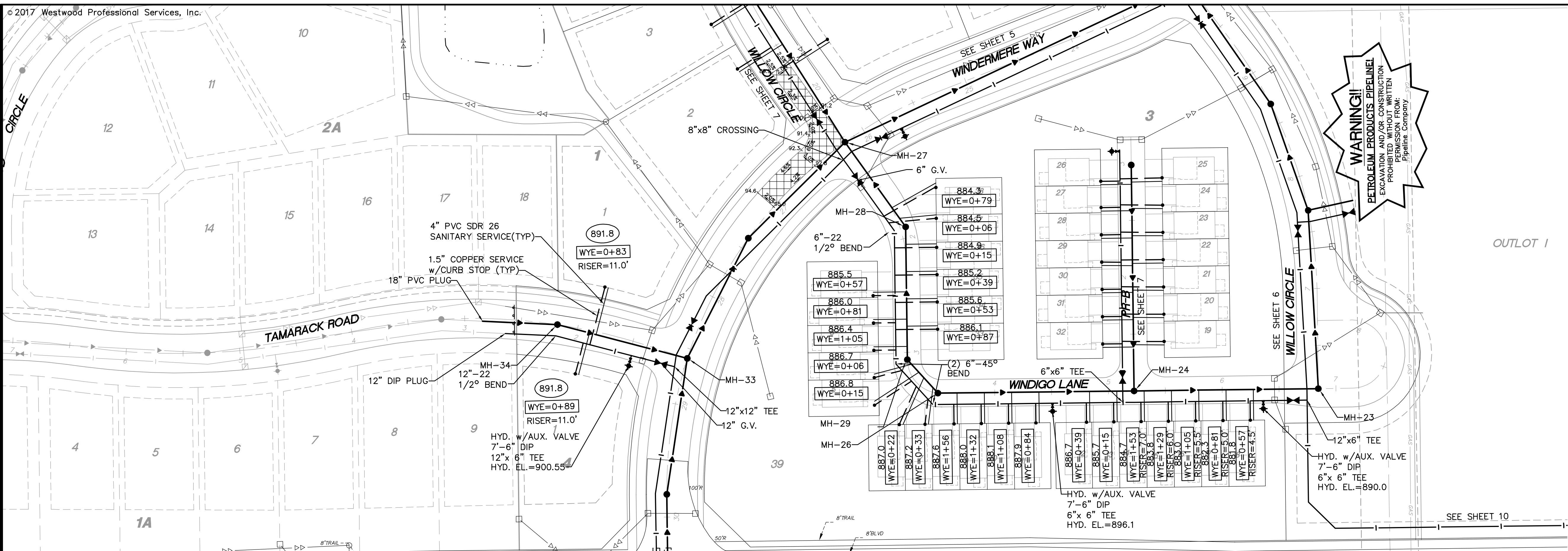
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Date: 05/19/17 Sheet: 8 OF 22

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Sanitary Sewer and
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$$\boxed{WYE = X + XX}$$

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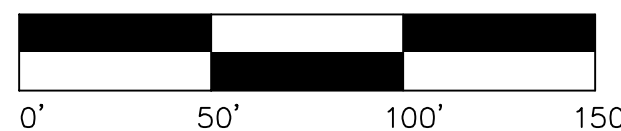
FLAG HYDRANTS

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OTHERWISE NOTED

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AVE. SHALL BE 1" COPPER UNLESS
OTHERWISE NOTED

ALL WATER SERVICES NORTH OF 17TH
AVE. SHALL BE 1.5" COPPER UNLESS
OTHERWISE NOTED



Latest Revision Date: 05/19/17

0000615UTF07.d

Date: 05/19/17 Sheet: 9 OF 22

Francis D Hagen II

Date: 05/19/17 License No. 17716

Revisions

Designed: FDH II

Checked: FDH II

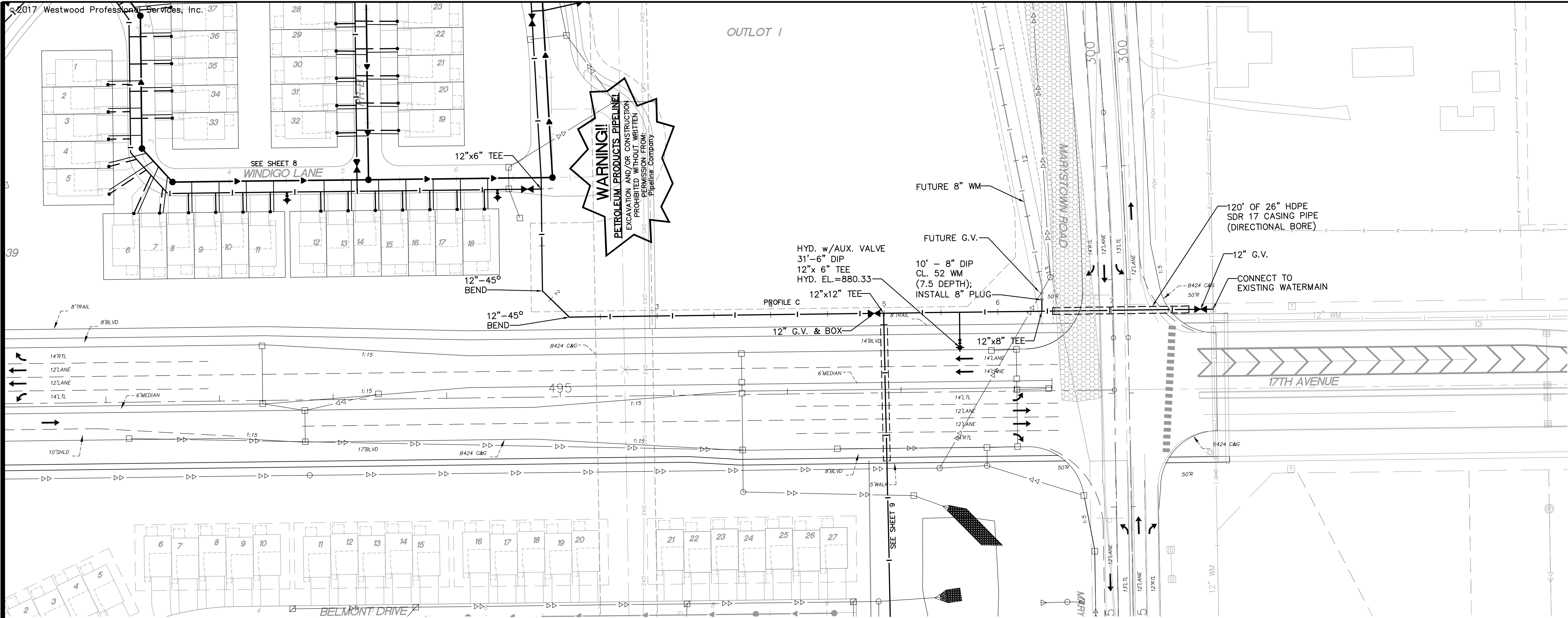
DRAWN: DWR

Record Drawing by/date:

Prepared for:

20860 Kenbridge Court, Suite 100
Lakeville, MN, 55044

Shakopee, Minnesota



Call 48 Hours before digging:
811 or call811.com
Common Ground Alliance

TYPICAL SERVICE INFORMATION

XXX.X

DENOTES SANITARY SEWER SERVICE
INVERT @ END OF SERVICE.

WYE=X+XX

DENOTES SANITARY SEWER SERVICE WYE
LOCATED ON MAINLINE FROM DOWN
STREAM M.H.

ALL PVC PIPE SHALL BE SDR 35 UNLESS
OTHERWISE NOTED.

ALL WATERMAIN SHALL BE DIP CLASS 52
WRAPPED IN POLYETHYLENE

WATERMAIN SHALL HAVE A MINIMUM OF
7.5 FT OF COVER

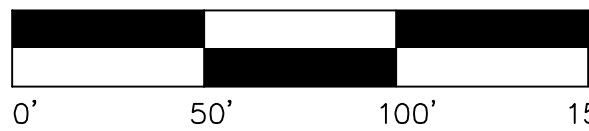
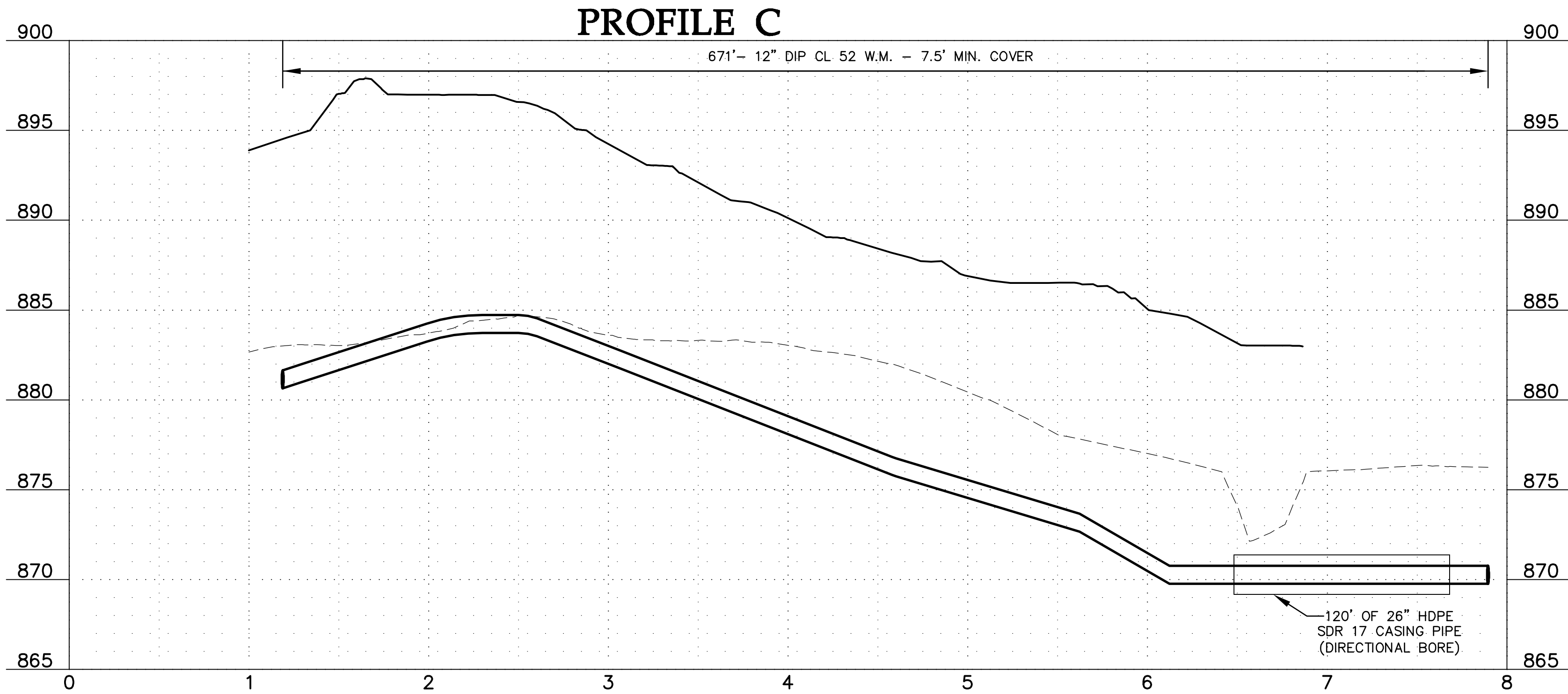
FLAG HYDRANTS

EXTEND RODS ON DEEP VALVES.

ALL SANITARY SEWER SERVICES SHALL
BE 4" PVC SCHEDULE 26 UNLESS
OTHERWISE NOTED

ALL WATER SERVICES SOUTH OF 17TH
AVE. SHALL BE 1" COPPER UNLESS
OTHERWISE NOTED

ALL WATER SERVICES NORTH OF 17TH
AVE. SHALL BE 1.5" COPPER UNLESS
OTHERWISE NOTED



Latest Revision Date: 05/19/17

0000615UTF09.dwg

Date: 05/19/17 Sheet: 10 OF 22

Westwood

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Westwood Professional Services, Inc.

I hereby certify that this plan was prepared by me or under my
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ENGINEER under the laws of the State of Minnesota.

Francis D Hagen II

Date: 05/19/17 License No. 17716

Revisions:

Designed: FDH II
Checked: FDH II
Drawn: DWR
Record Drawing by/date:

Prepared for:

DR Horton Custom Homes
20860 Kenbridge Court, Suite 100
Lakeville, MN, 55044

Windermere

Shakopee, Minnesota

**Sanitary Sewer and
Watermain Construction
Plan**

XXX.X

DENOTES SANITARY SEWER SERVICE
INVERT @ END OF SERVICE.

$$\overline{WYE} = X + XX$$

DENOTES SANITARY SEWER SERVICE WYE
LOCATED ON MAINLINE FROM DOWN
STREAM M.H.

ALL PVC PIPE SHALL BE SDR 35 UNLESS OTHERWISE NOTED.

ALL WATERMAIN SHALL BE DIP CLASS 52
WRAPPED IN POLYETHYLENE

WATERMAIN SHALL HAVE A MINIMUM OF
7.5 FT OF COVER

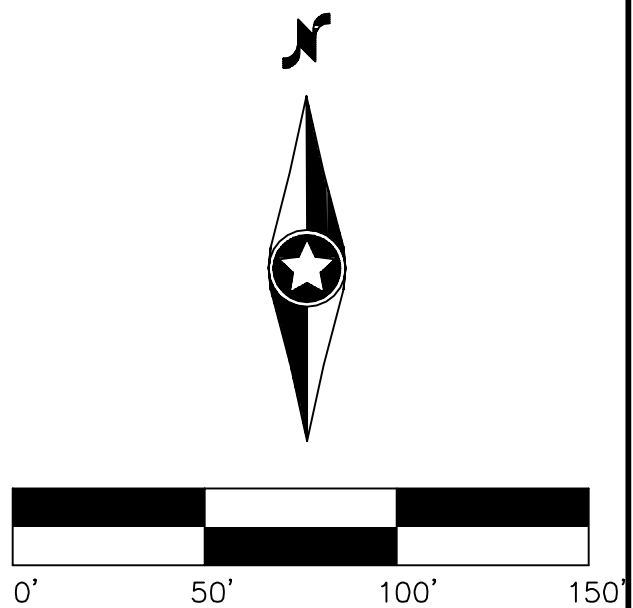
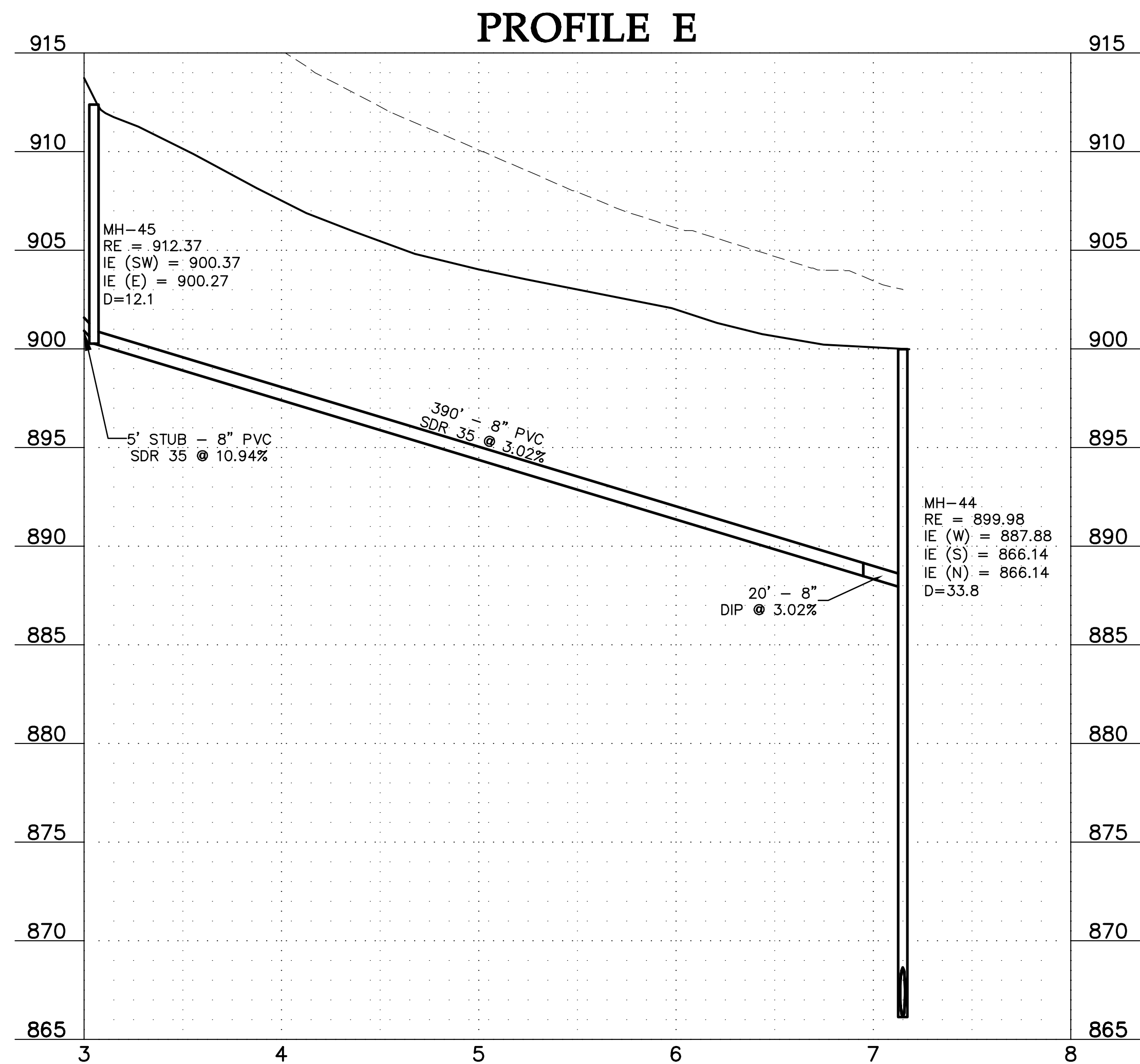
FLAG HYDRANTS

EXTEND RODS ON DEEP VALVES.

ALL SANITARY SEWER SERVICES SHALL
BE 4" PVC SCHEDULE 26 UNLESS
OTHERWISE NOTED

ALL WATER SERVICES SOUTH OF 17TH
AVE. SHALL BE 1" COPPER UNLESS
OTHERWISE NOTED

ALL WATER SERVICES NORTH OF 17TH
AVE. SHALL BE 1.5" COPPER UNLESS
OTHERWISE NOTED



Latest Revision Date: 05/19/17

Date: 05/19/17 Sheet: 11 OF 22

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed PROFESSIONAL ENGINEER under the laws of the State of Minnesota.

Francis D Hagen II
Date: 05/19/17 License No. 17716

Revisions

Designed:	FDH II
Checked:	FDH II
Drawn:	DWR
Record Drawing by/date:	

Prepared for:

DR Horton Custom Homes
20860 Kenbridge Court, Suite 100
Lakeville, MN, 55044

Shakopee, Minnesota

Sanitary Sewer and Watermain Construction Plan

GENERAL NOTES:

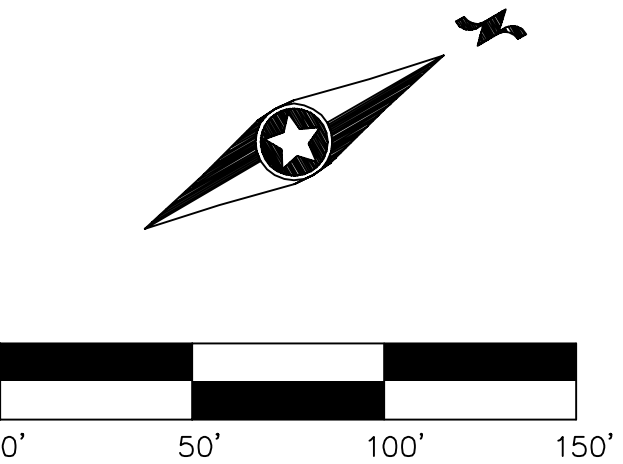
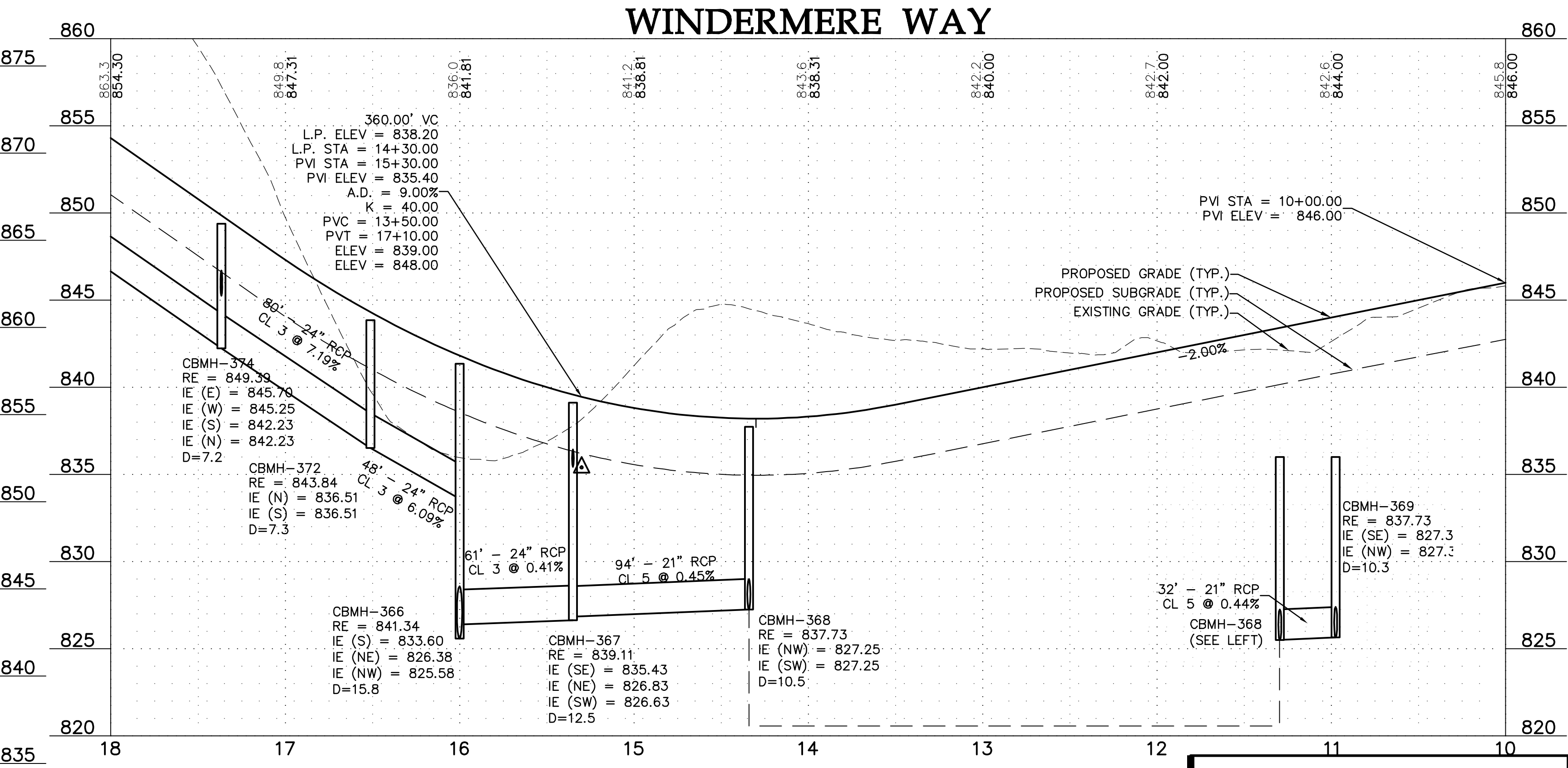
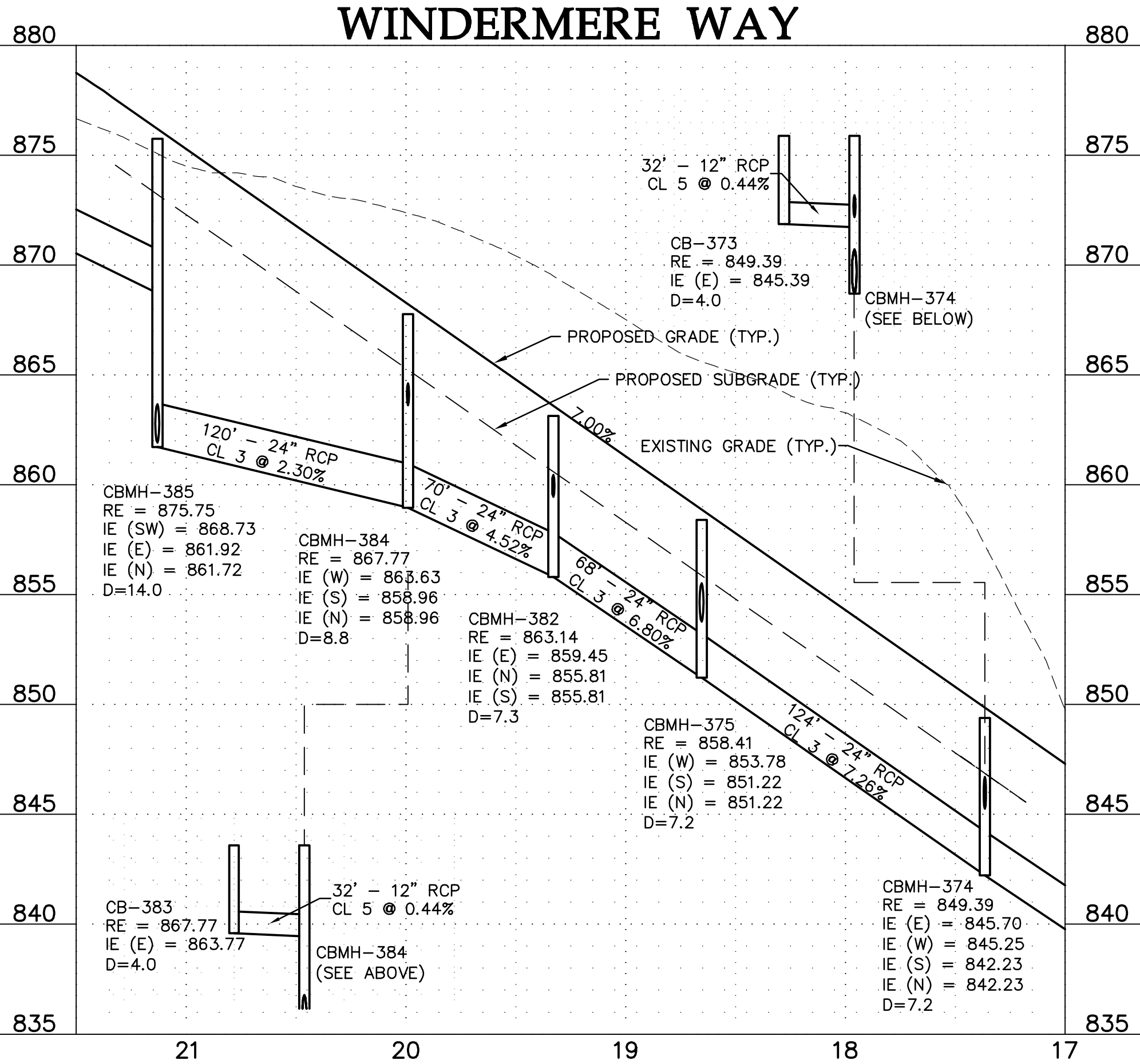
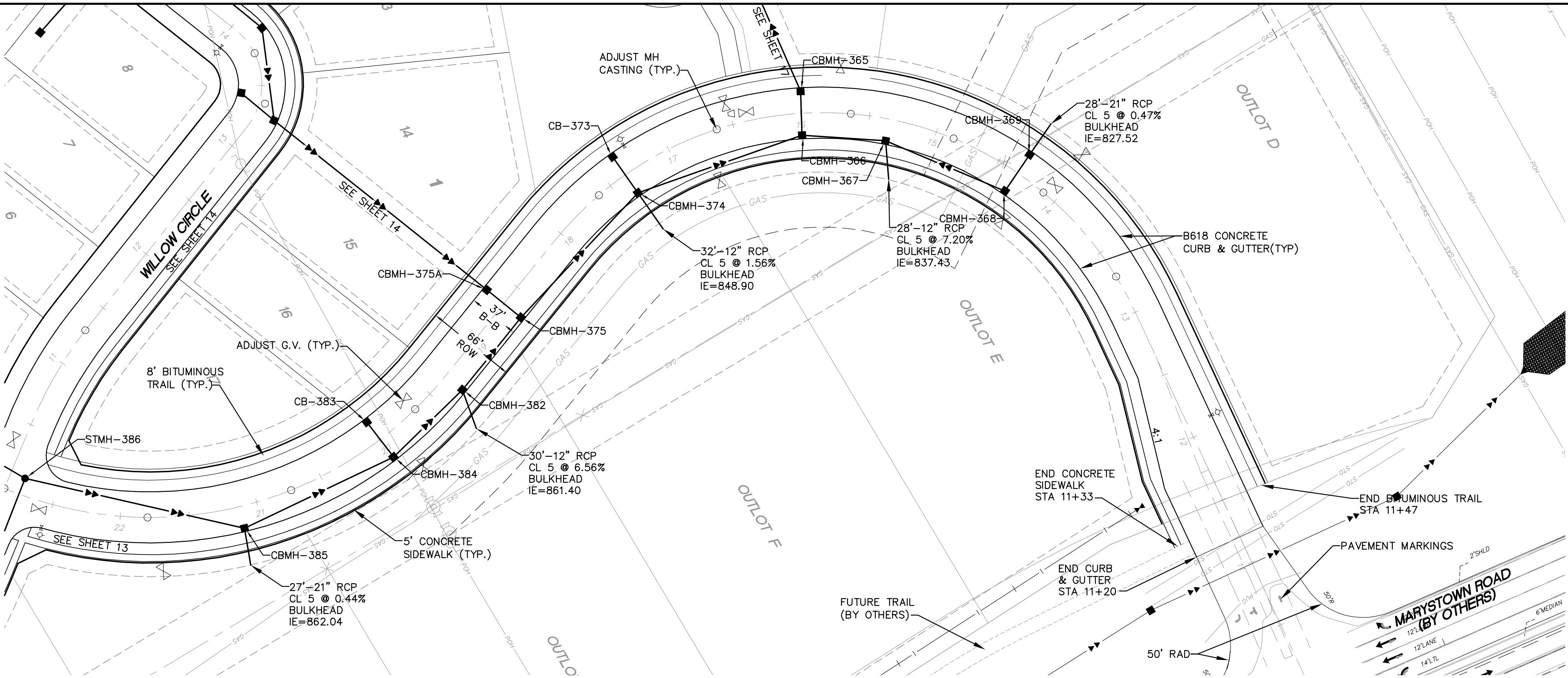
- RADIUS TO BE B618 C. & G. WITH 10' TRANSITION FROM SURMOUNTABLE CURB
- DENOTES GUTTERLINE ELEVATION AT INTERSECTIONS
- ALL RCP SHALL BE CLASS 5, UNLESS OTHERWISE NOTED

PIPE LENGTHS SHOWN INCLUDE THE FLARED END SECTION LENGTH.

- 50"-4" DRAINTILE NEEDED EACH SIDE OF CATCH BASINS AT LOW POINTS.

CASTING NOTE:

ALL CATCH BASIN CASTINGS IN CURB SHALL BE SUMPED 0.15 FEET AND MANHOLE CASTINGS IN PAVED AREAS SHALL BE SUMPED 0.05 FEET. RIM ELEVATIONS ON PLAN PROFILES REFLECT THE SUMPED ELEVATIONS.



Latest Revision Date: 05/19/17
0000615STF01.dwg
Date: 05/19/17 Sheet: 12 OF 22

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Francis D Hagen II
Date: 05/19/17 License No. 17716

Revisions:

Designed: FDH II
Checked: FDH II
Drawn: DWR
Record Drawing by/date:

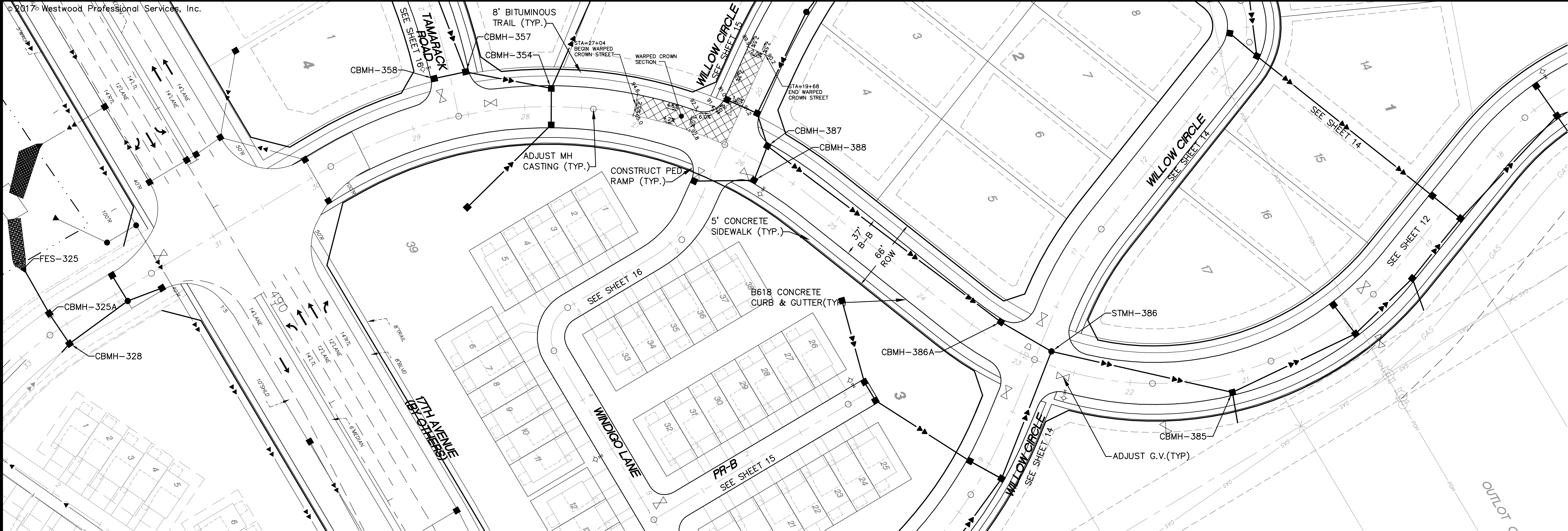
Prepared for:

DR Horton Custom Homes
20860 Kenbridge Court, Suite 100
Lakeville, MN, 55044

Windermere

Shakopee, Minnesota

**Street and Storm Sewer
Construction Plan**



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811 or call811.com
Common Ground Alliance

GENERAL NOTES:

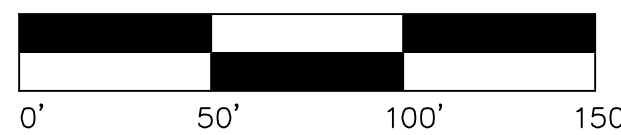
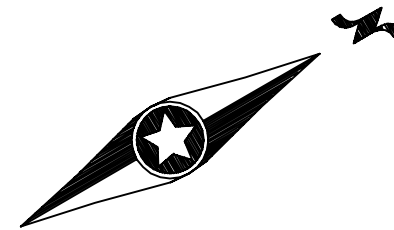
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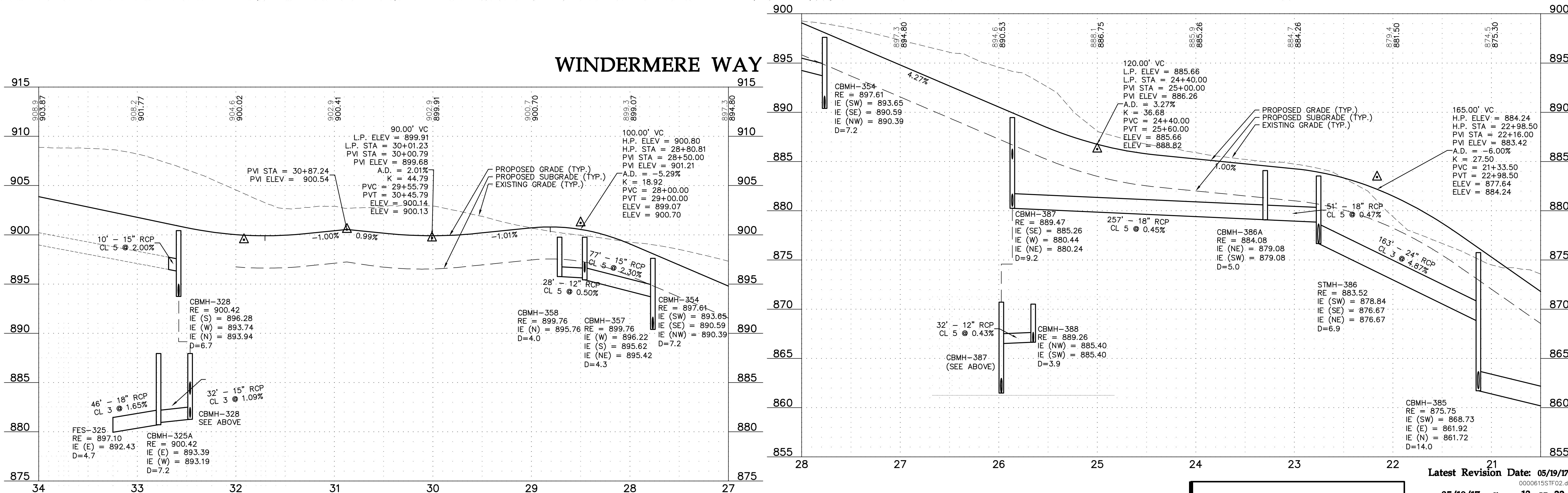
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WINDERMERE WAY



Latest Revision Date: 05/19/17

0000615STF02.dwg

Date: 05/19/17 Sheet: 13 OF 22

Westwood

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Francis D Hagen II

Date: 05/19/17 License No. 17716

Revisions:

Designed: FDH II
Checked: FDH II
Drawn: DWR
Record Drawing by/date:

Prepared for:

DR Horton Custom Homes
20860 Kenbridge Court, Suite 100
Lakeville, MN, 55044

Windermere

Shakopee, Minnesota

**Street and Storm Sewer
Construction Plan**

GENERAL NOTES:

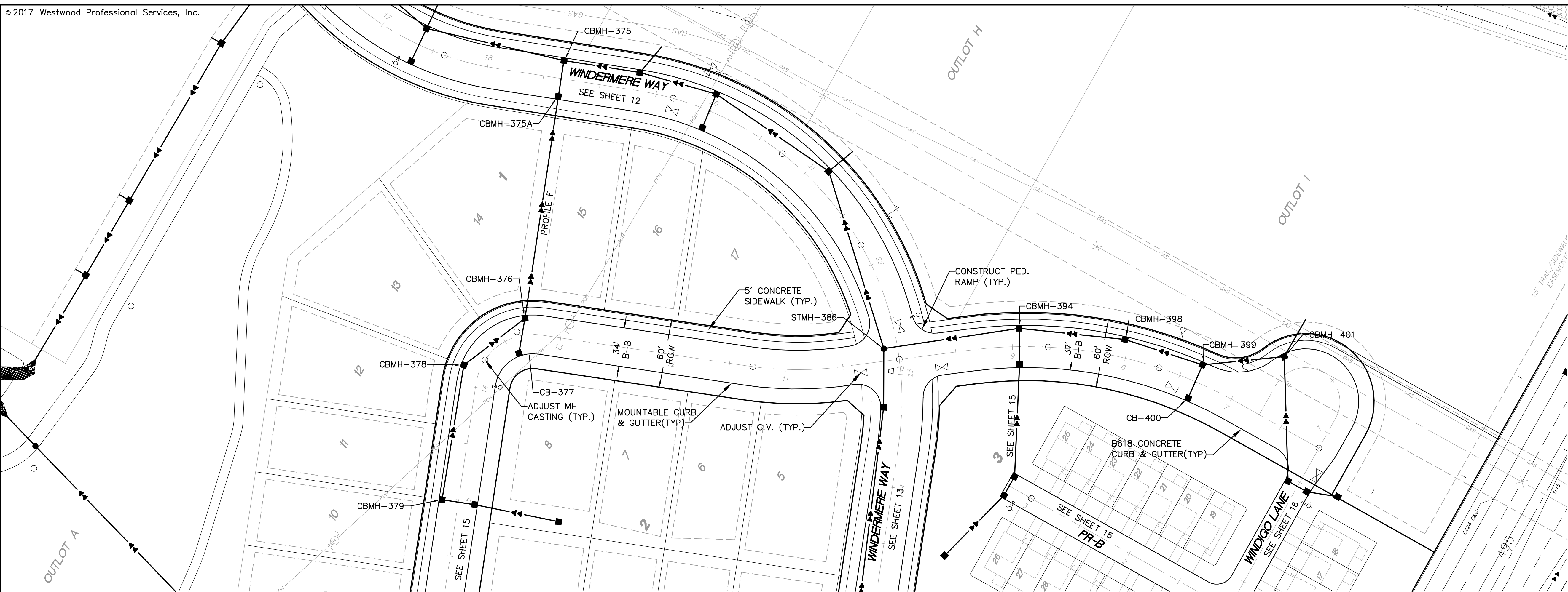
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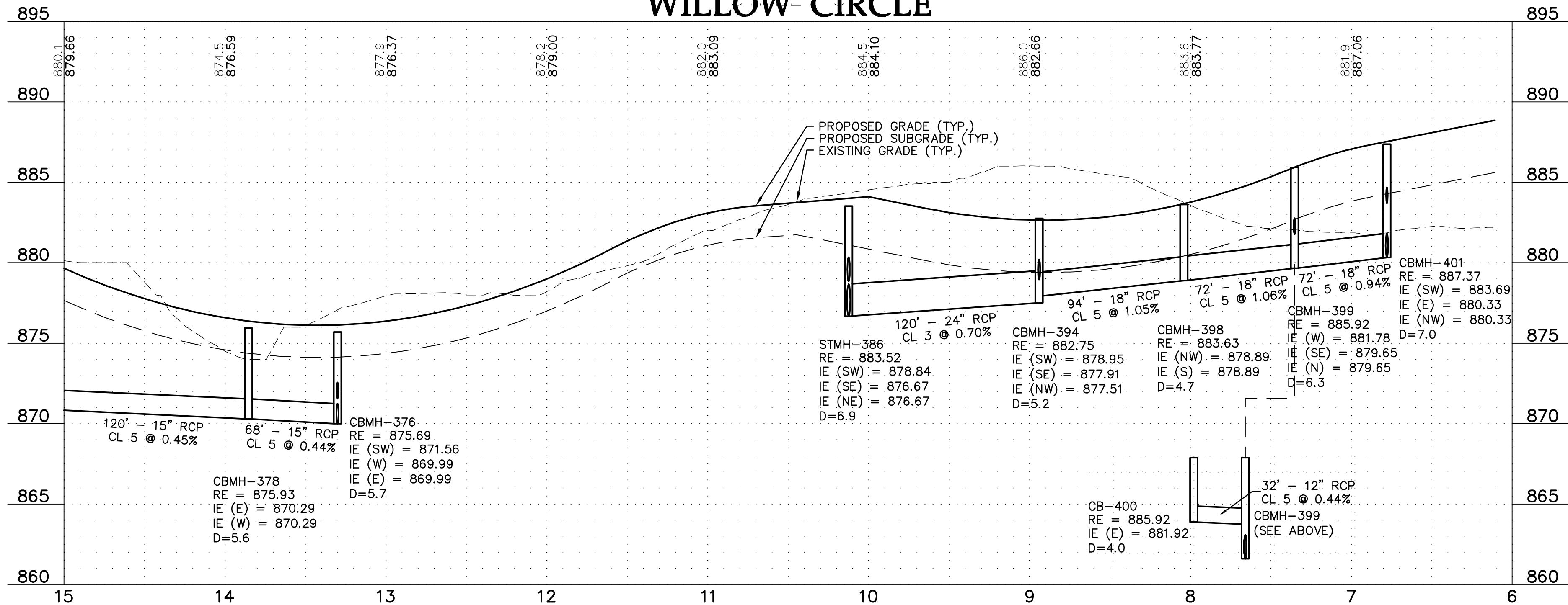
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CASTING NOTE:

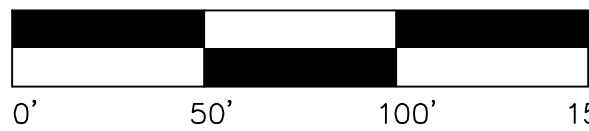
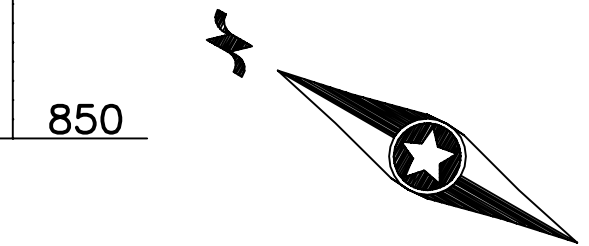
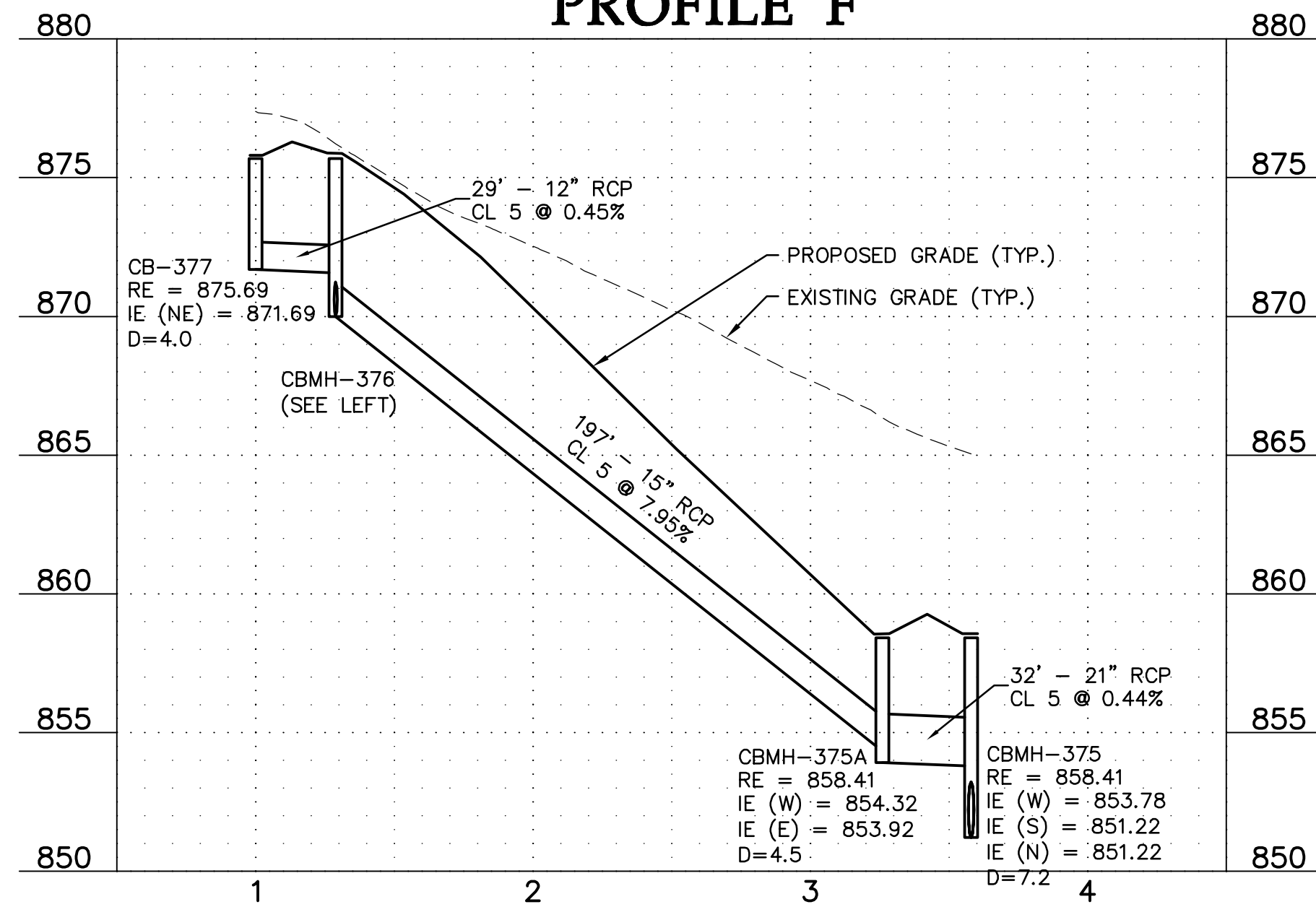
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WILLOW CIRCLE



PROFILE F



Latest Revision Date: 05/19/17

0000615STF03.dwg

Date: 05/19/17 Sheet: 14 OF 22

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Francis D Hagen II

Date: 05/19/17 License No. 17716

Revisions:

Designed: FDH II
Checked: FDH II
Drawn: DWR
Record Drawing by/date:

Prepared for:

DR Horton Custom Homes
20860 Kenbridge Court, Suite 100
Lakeville, MN, 55044

Windermere

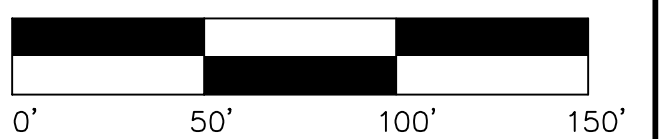
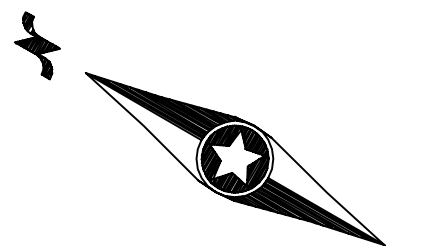
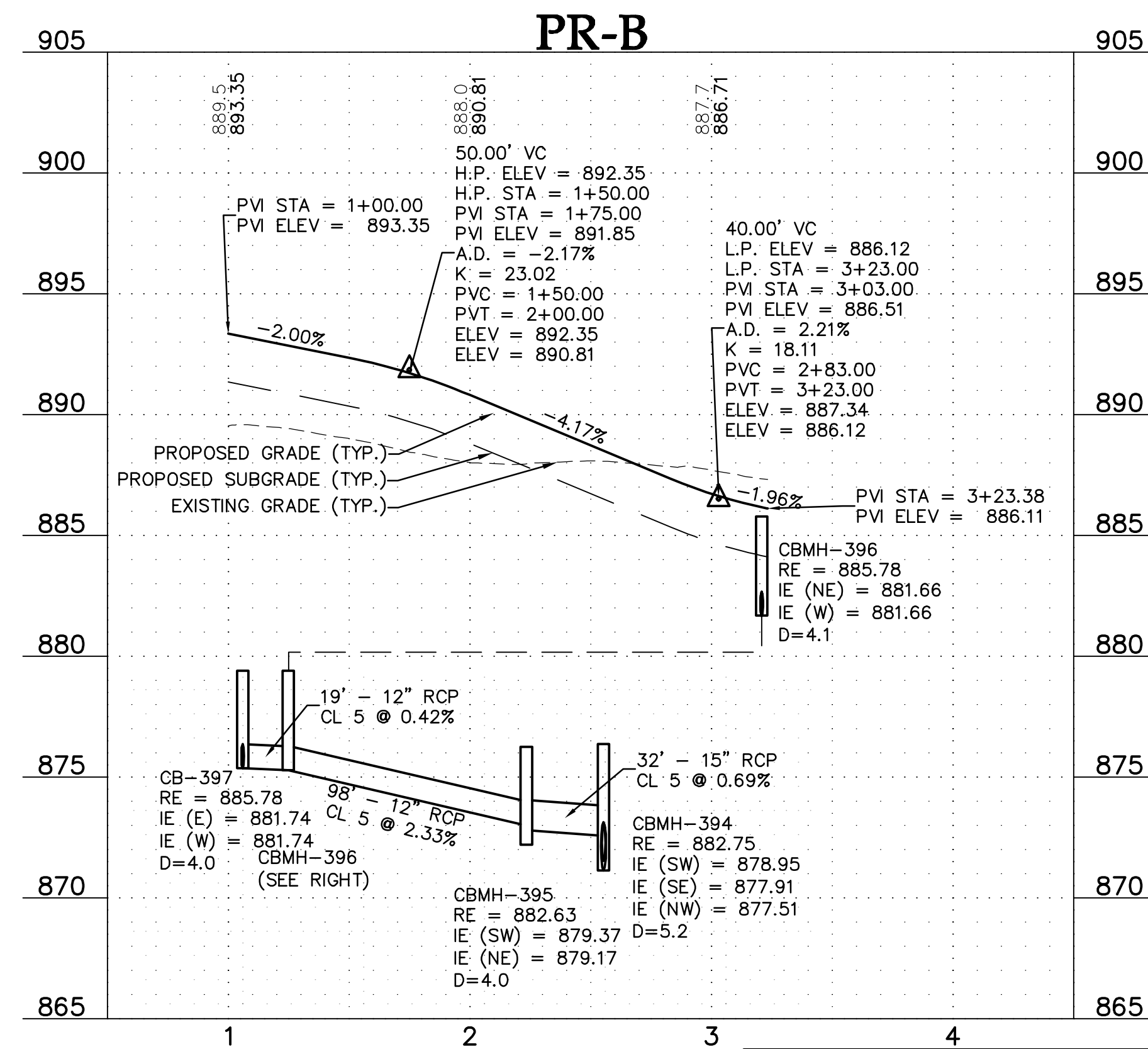
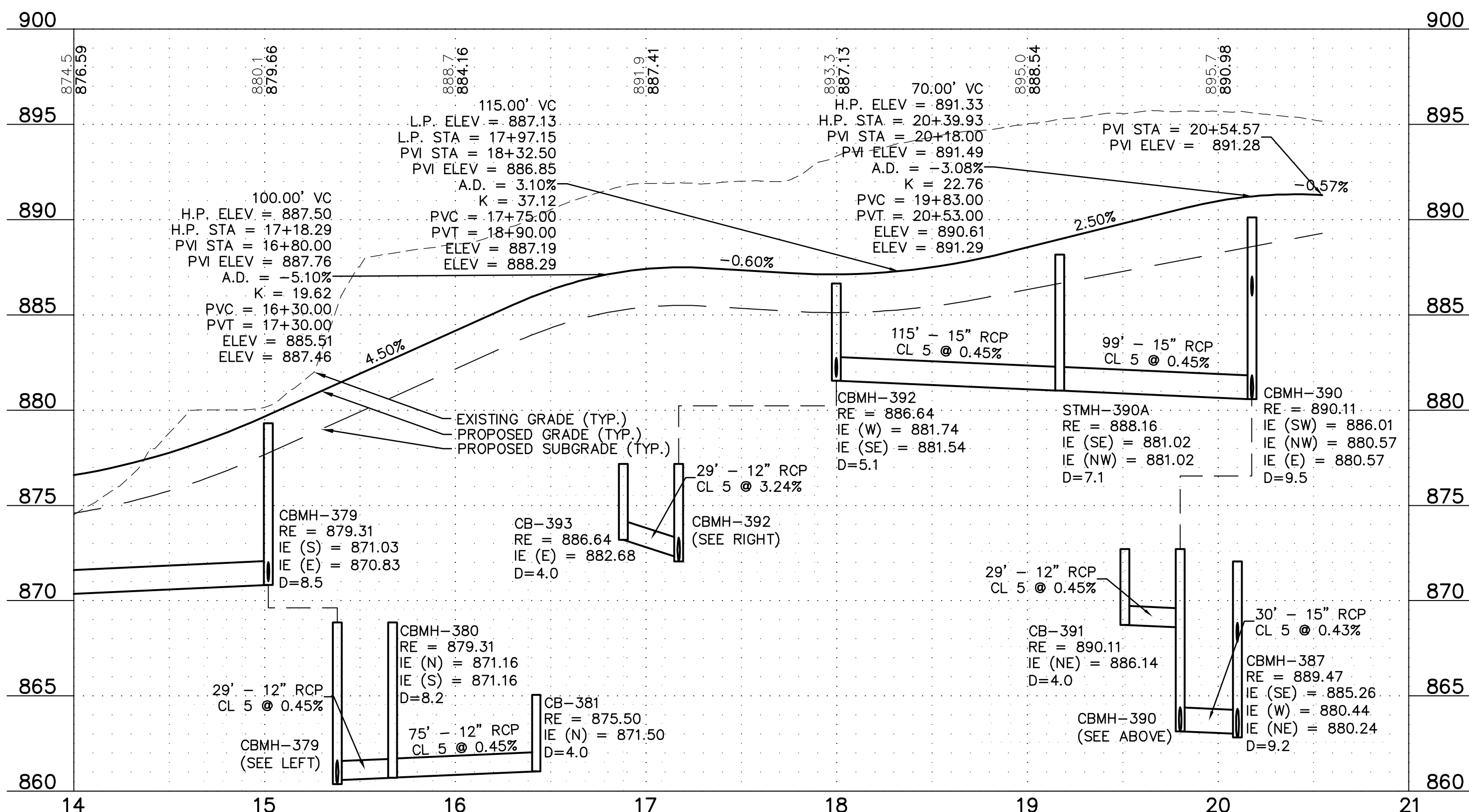
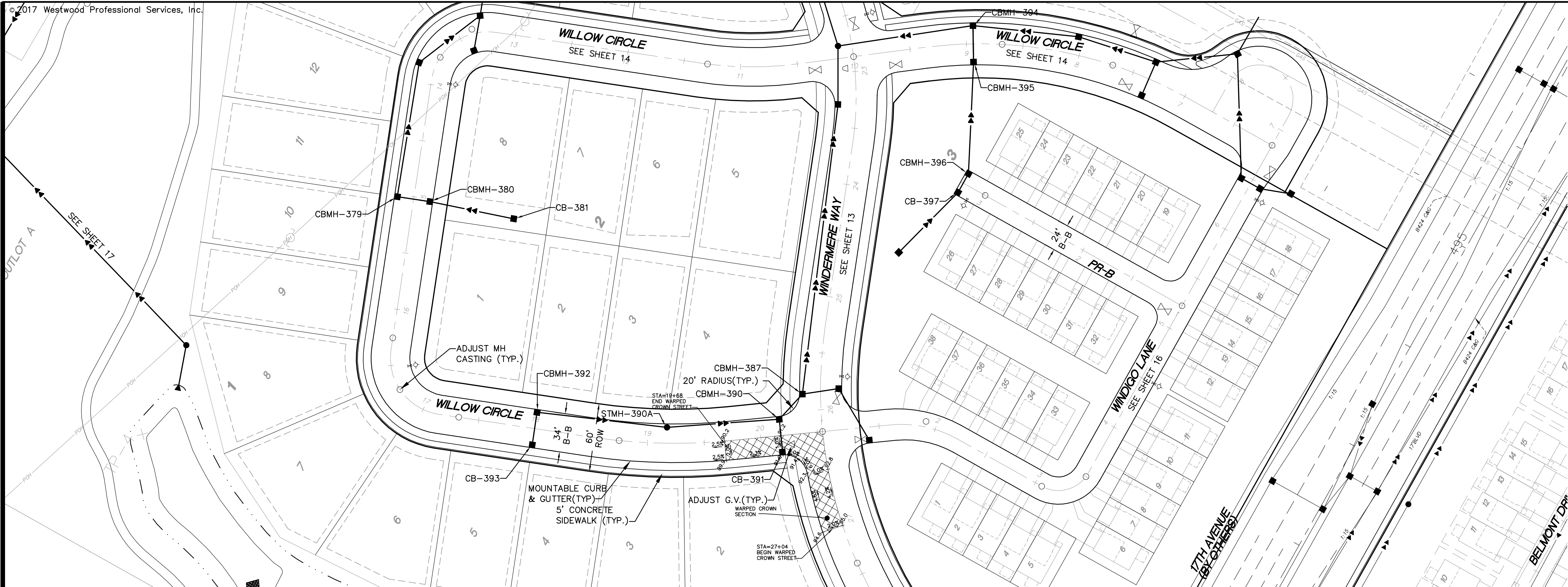
Shakopee, Minnesota

**Street and Storm Sewer
Construction Plan**

- RADIUS TO BE B618 C. & G. WITH 10' TRANSITION FROM SURMOUNTABLE CURB
- ✦ DENOTES GUTTERLINE ELEVATION AT INTERSECTIONS
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RIM ELEVATIONS ON PLAN PROFILES REFLECT
THE SUMPED ELEVATIONS.



Date: 05/19/17 Sheet: 15 OF 22

DR Horton Custom Homes
20860 Kenbridge Court, Suite 100
Lakeville, MN, 55044

Street and Storm Sewer Construction Plan

GENERAL NOTES:

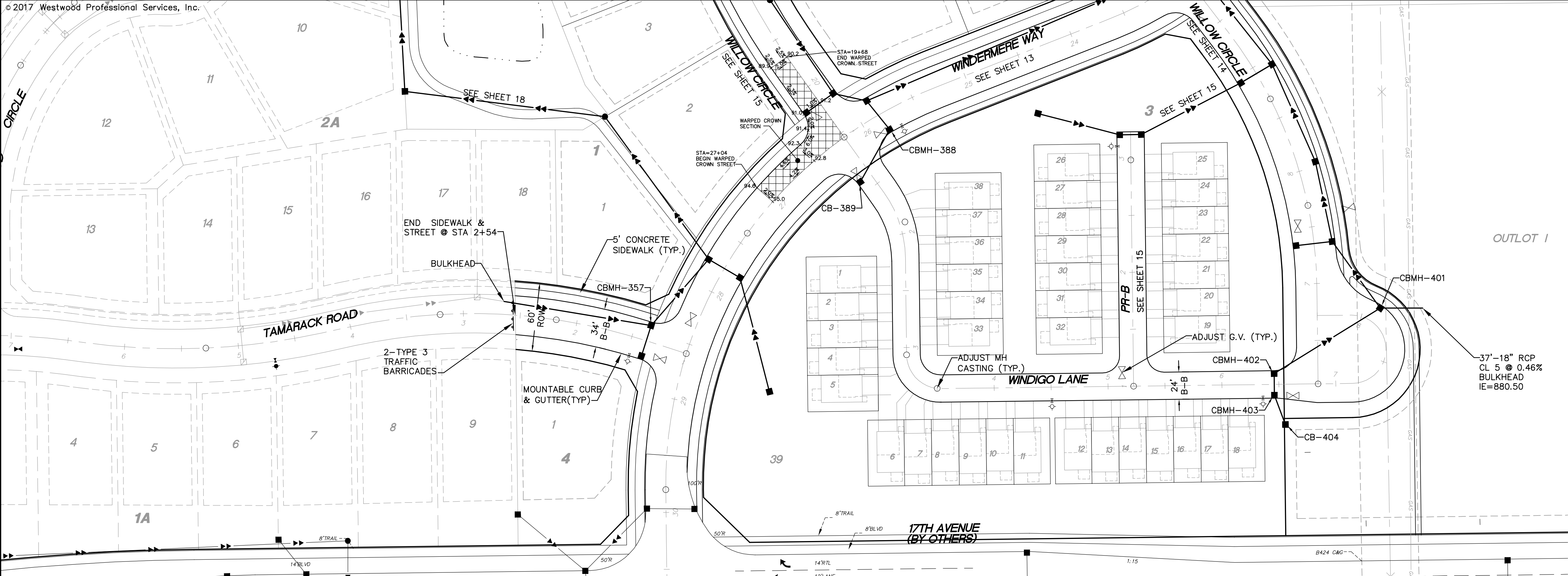
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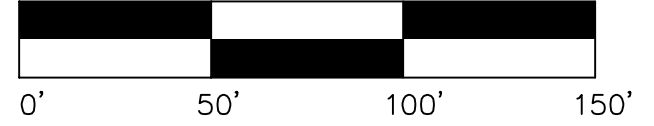
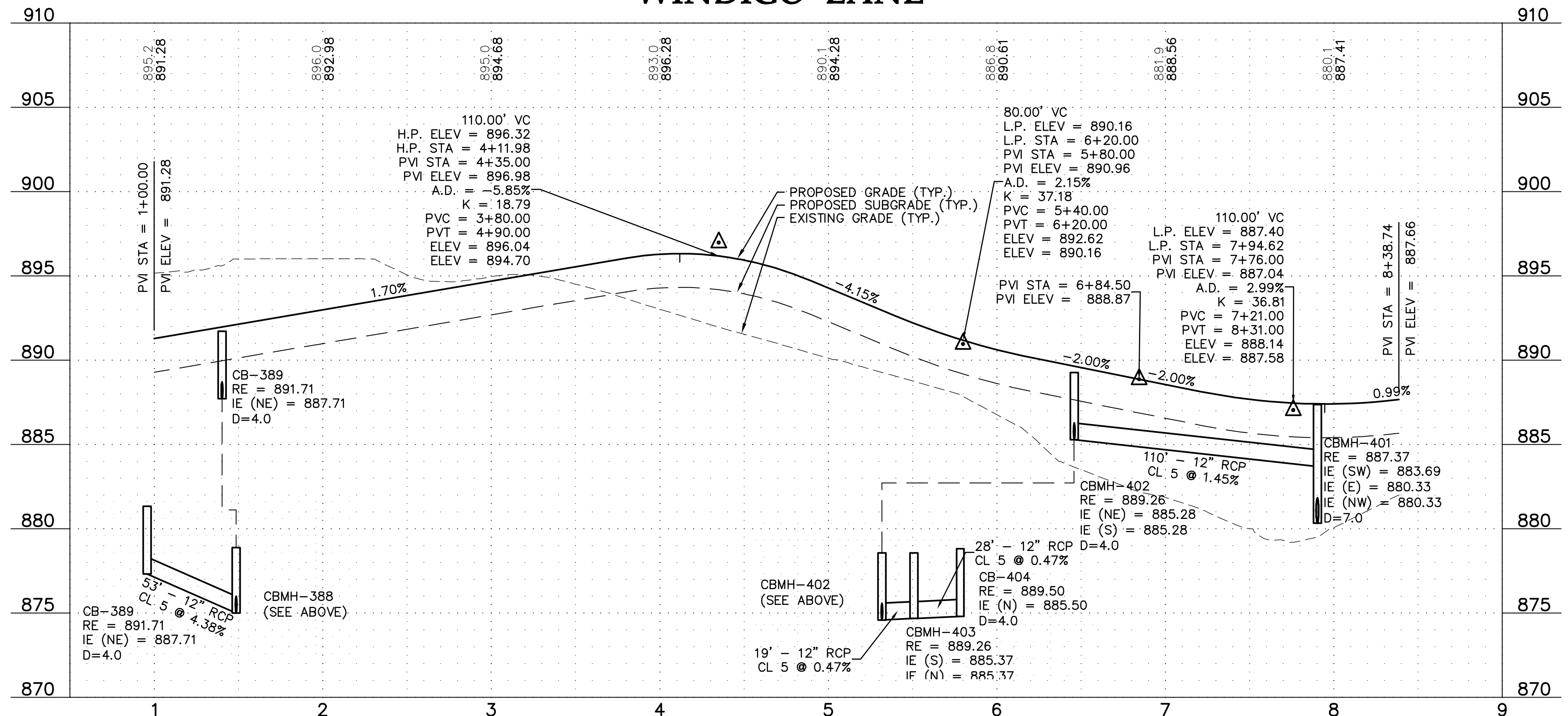
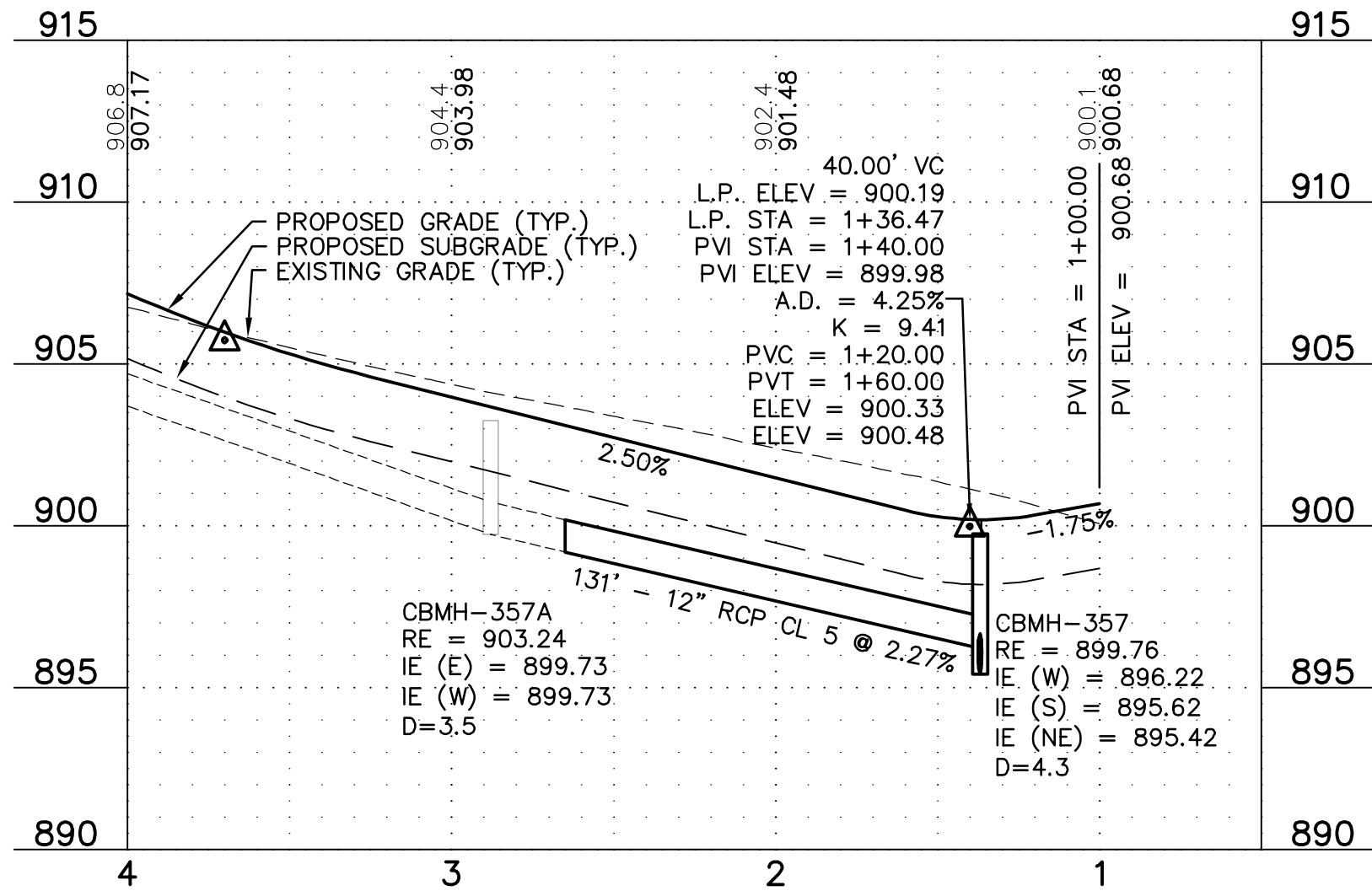
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TAMARACK ROAD



Latest Revision Date: 05/19/17

Date: 05/19/17 Sheet: 16 OF 22

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Francis D Hagen II
Date: 05/19/17 License No. 17716

Revisions:

Designed: FDH II
Checked: FDH II
Drawn: DWR
Record Drawing by/date:

Prepared for:

DR Horton Custom Homes
20860 Kenbridge Court, Suite 100
Lakeville, MN, 55044

Windermere

Shakopee, Minnesota

**Street and Storm Sewer
Construction Plan**

GENERAL NOTES:

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WITH 10' TRANSITION FROM
SURMOUNTABLE CURB
DENOTES GUTTERLINE ELEVATION
AT INTERSECTIONS
ALL RCP SHALL BE CLASS 5,
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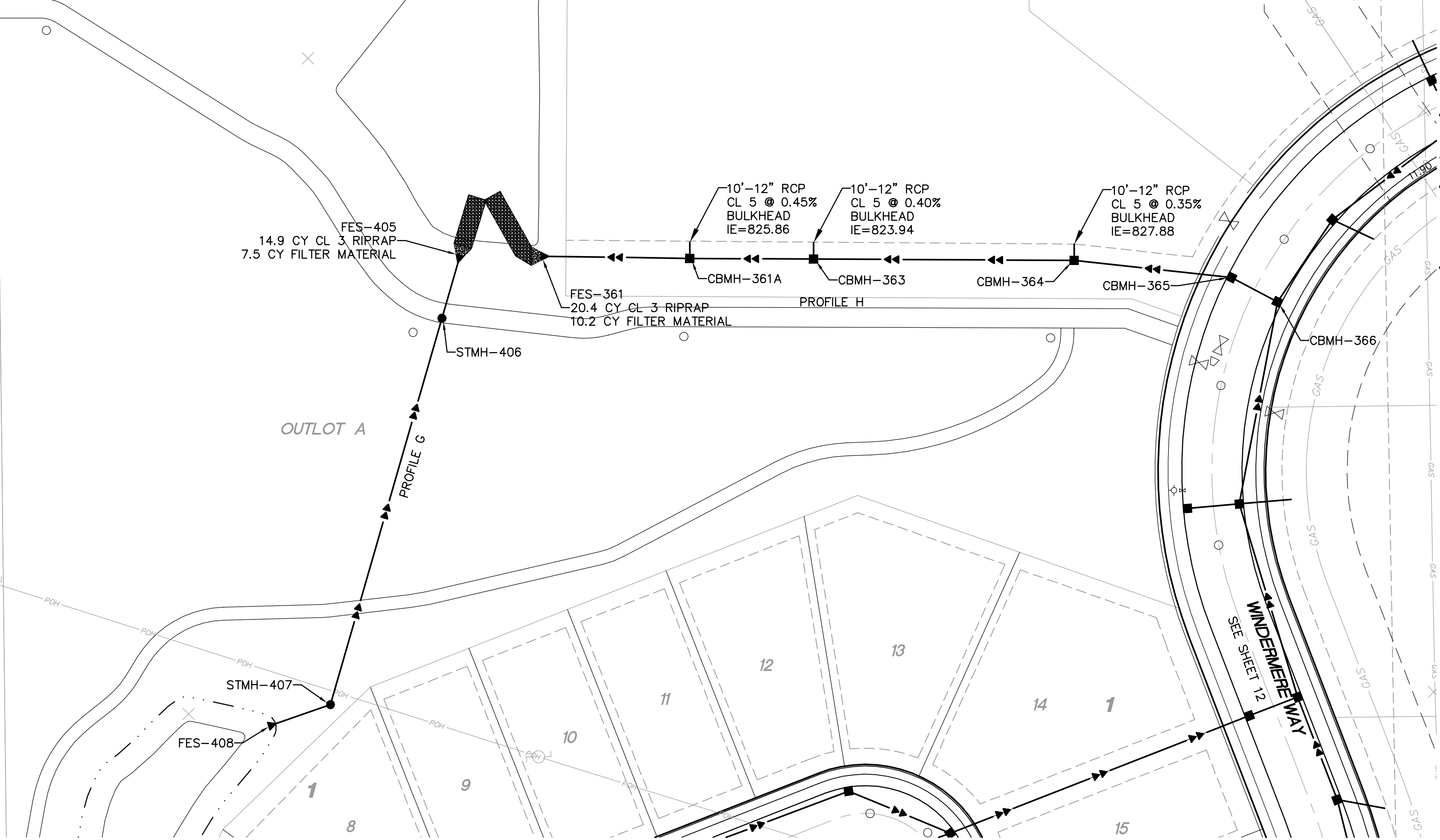
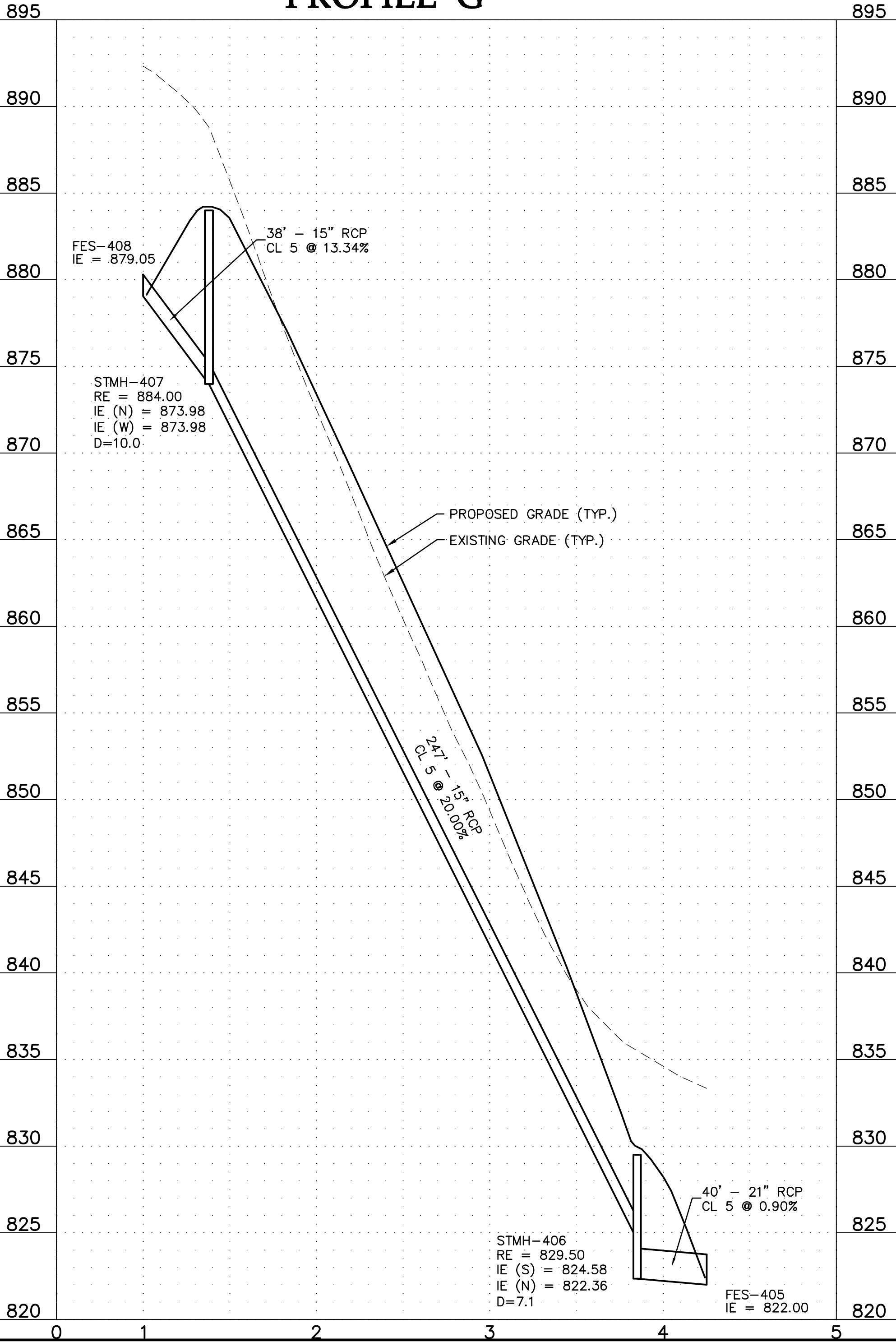
PIPE LENGTHS SHOWN INCLUDE THE FLARED
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50'-4" DRAINTILE NEEDED EACH SIDE OF
CATCH BASINS AT LOW POINTS.

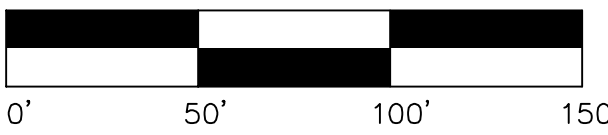
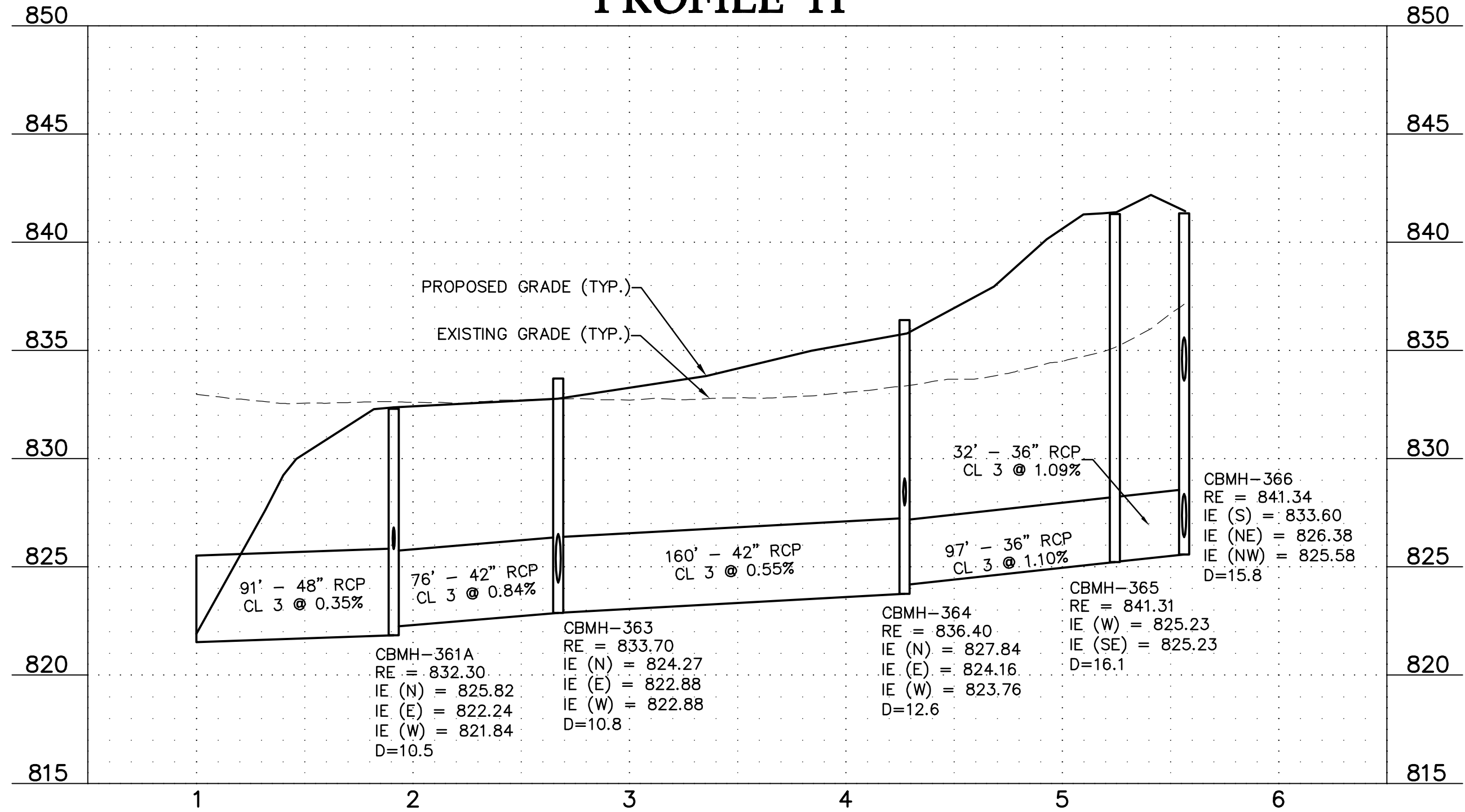
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PROFILE G



PROFILE H



Latest Revision Date: 05/19/17

Date: 05/19/17 Sheet: 17 OF 22

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Francis D Hagen II
Date: 05/19/17 License No. 17716

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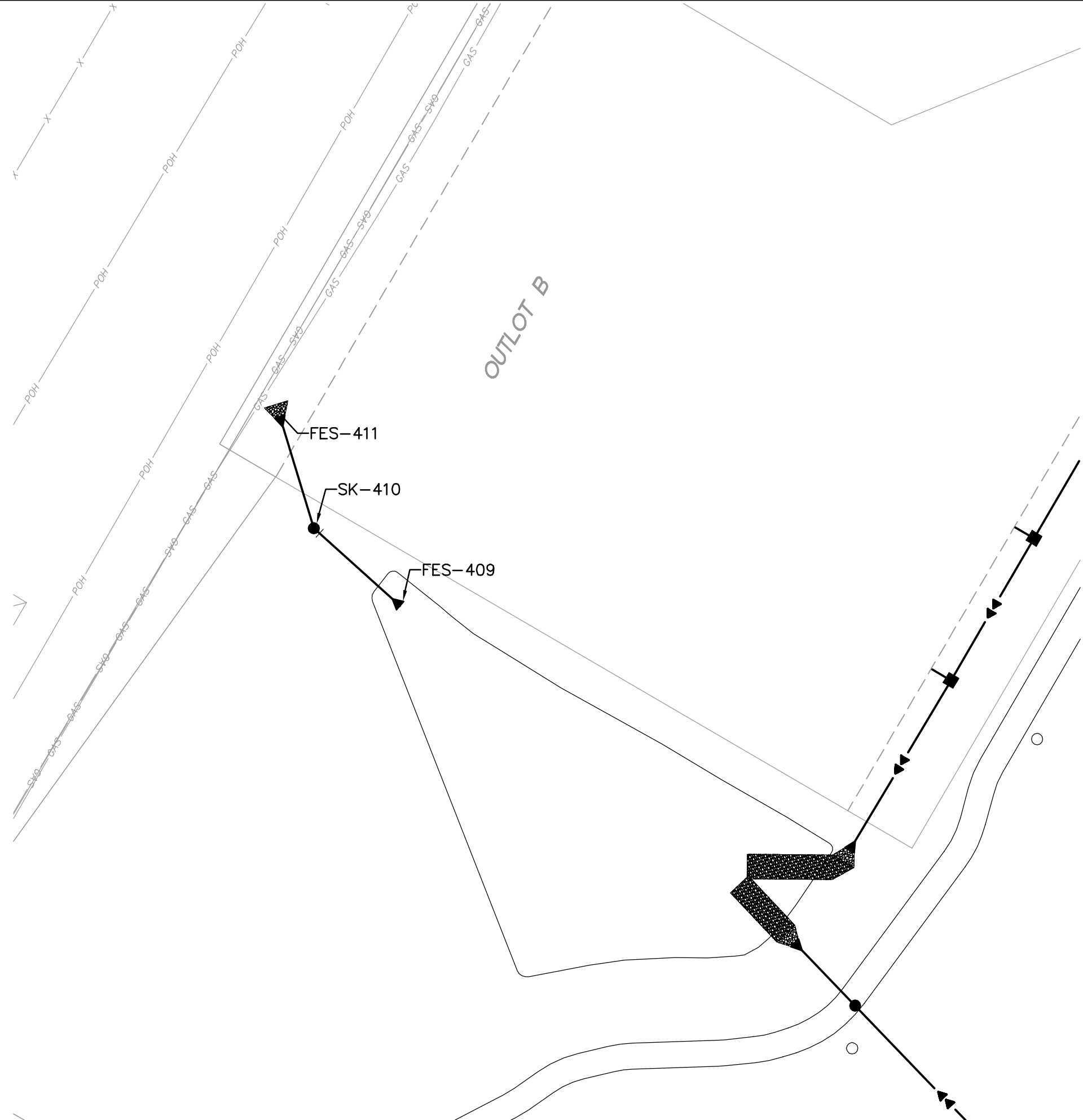
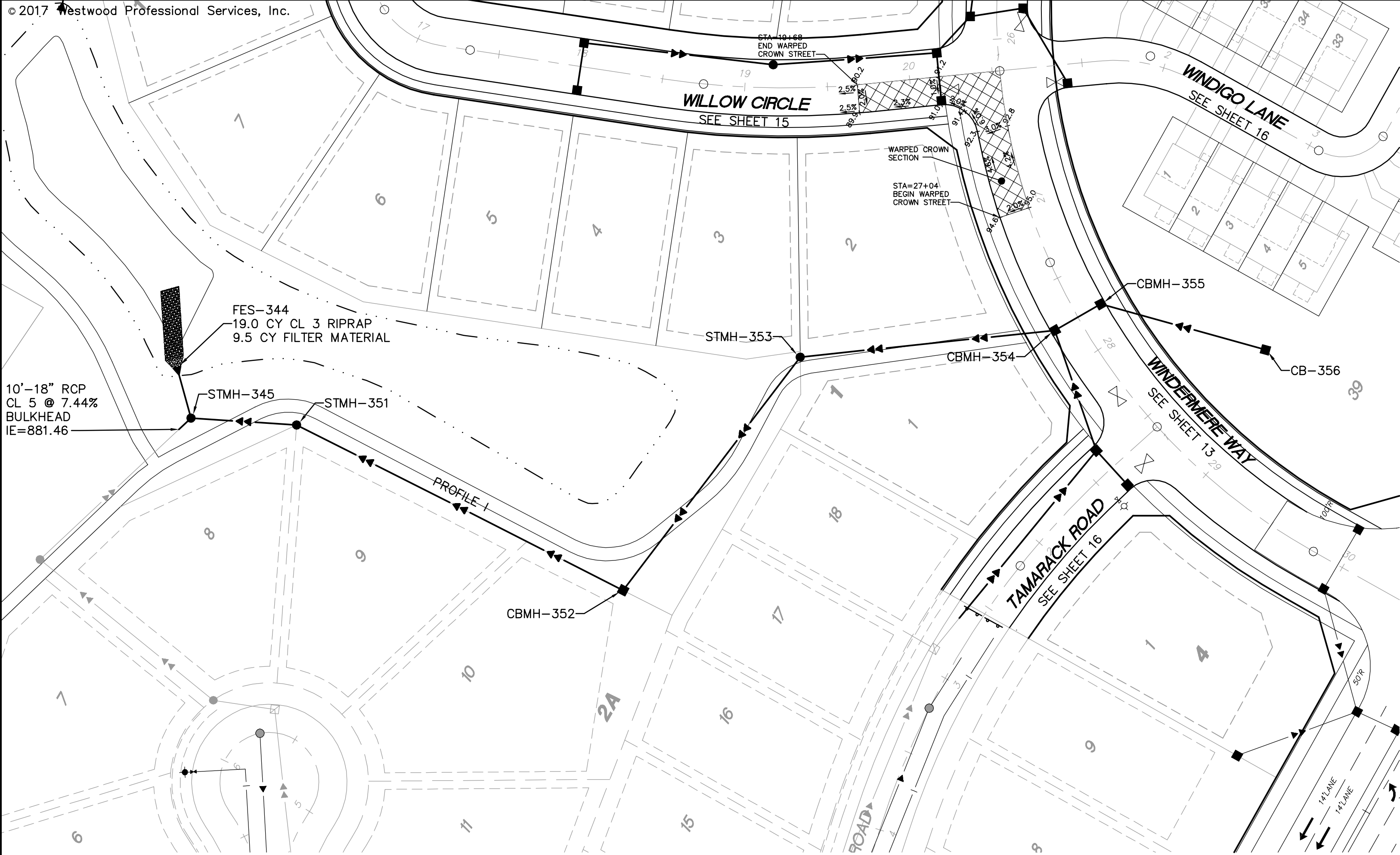
Prepared for:

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20860 Kenbridge Court, Suite 100
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Windermere

Shakopee, Minnesota

**Street and Storm Sewer
Construction Plan**



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Common Ground Alliance

GENERAL NOTES:

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- ALL RCP SHALL BE CLASS 5, UNLESS OTHERWISE NOTED

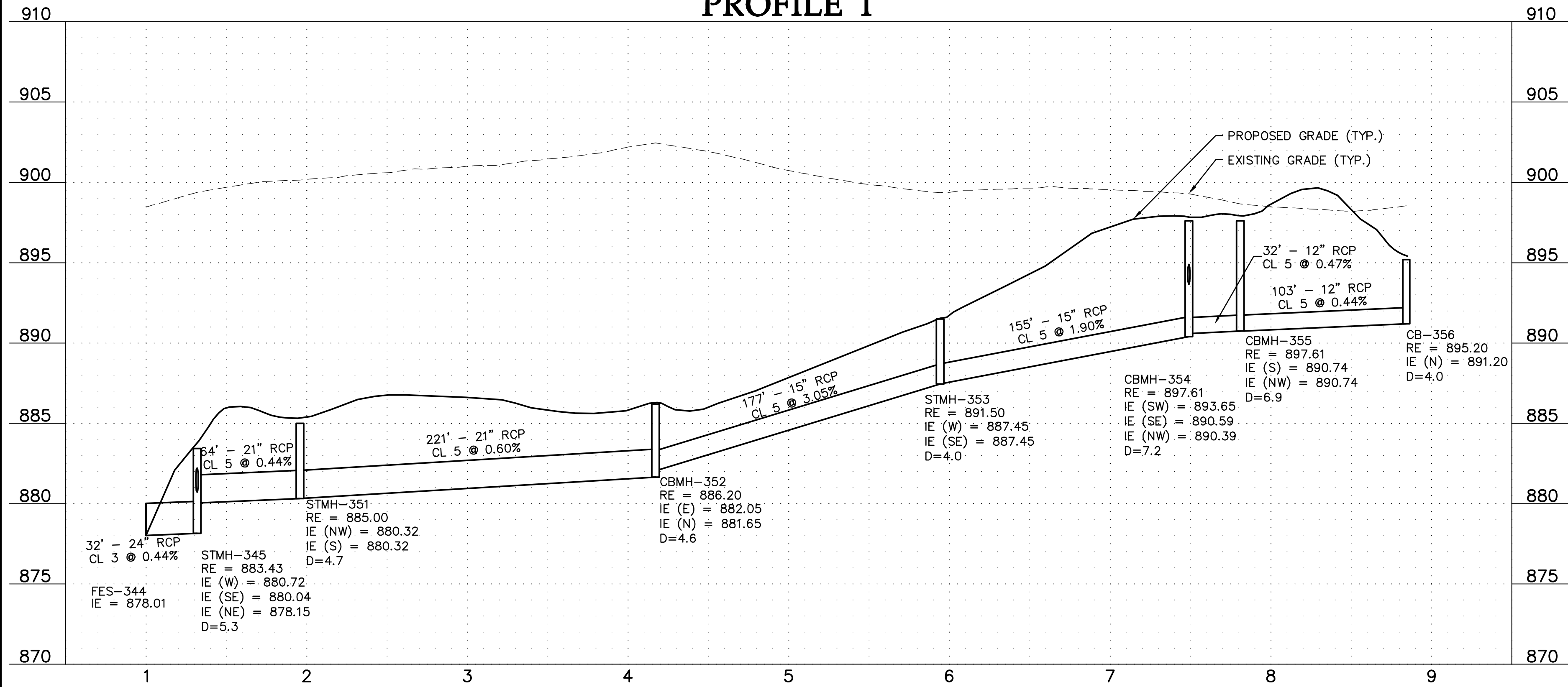
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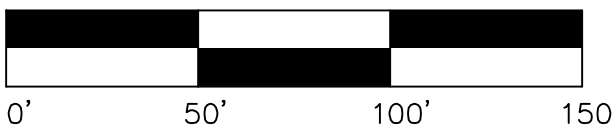
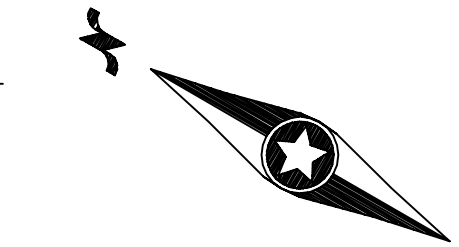
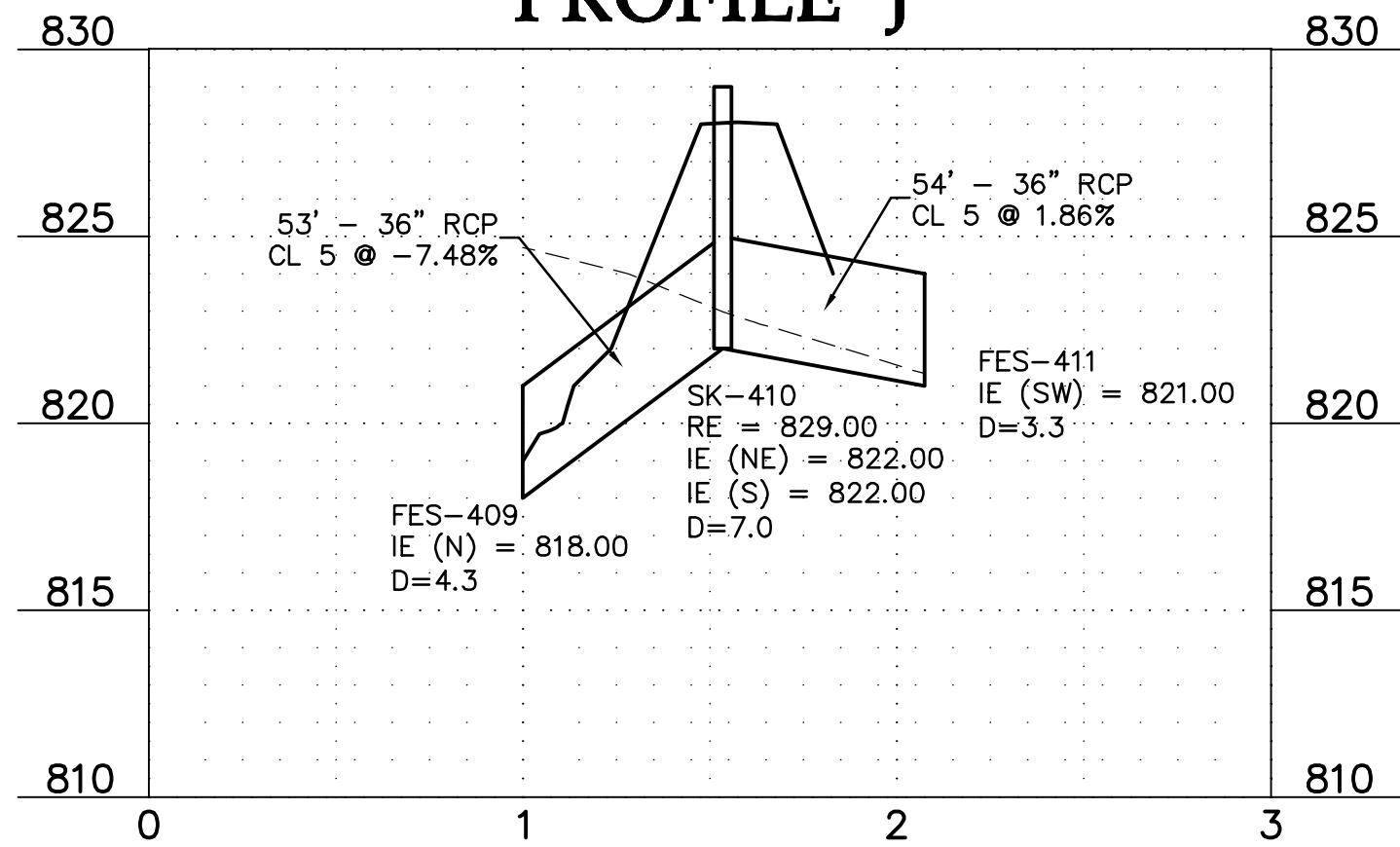
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PROFILE I



PROFILE J



Latest Revision Date: 05/19/17

0000615STF07.dwg

Date: 05/19/17 Sheet: 18 OF 22

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Francis D Hagen II

Date: 05/19/17 License No. 17716

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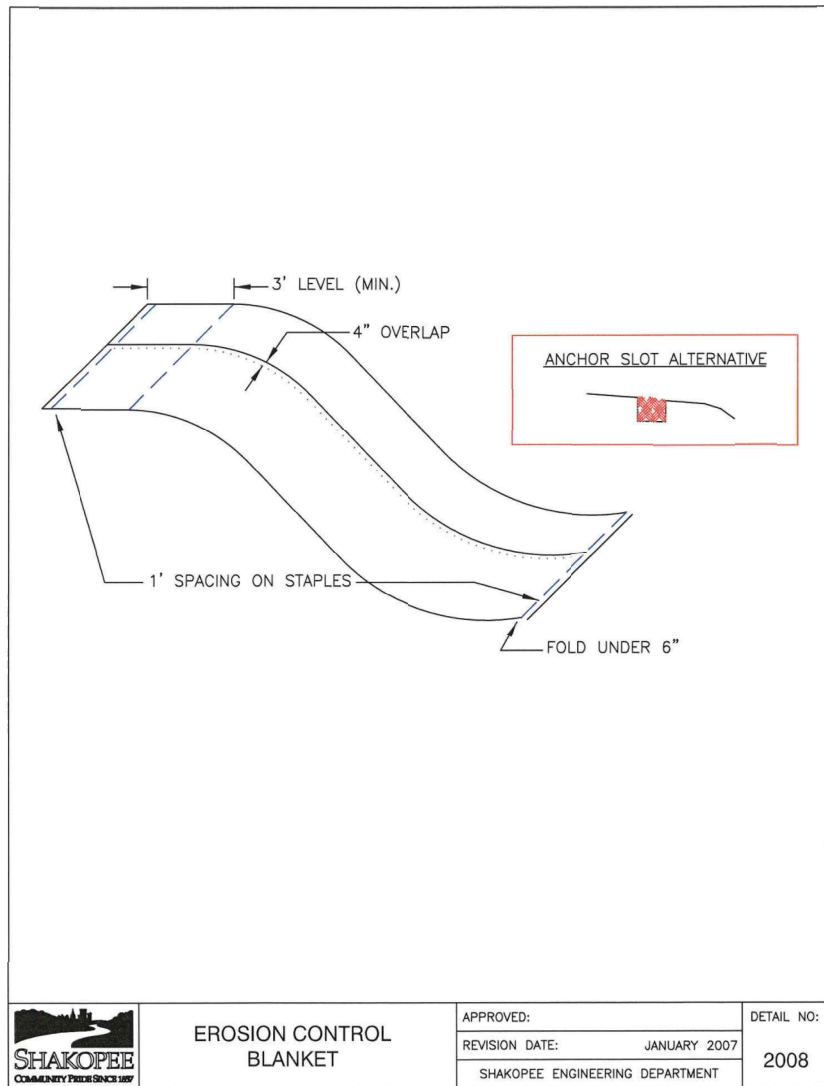
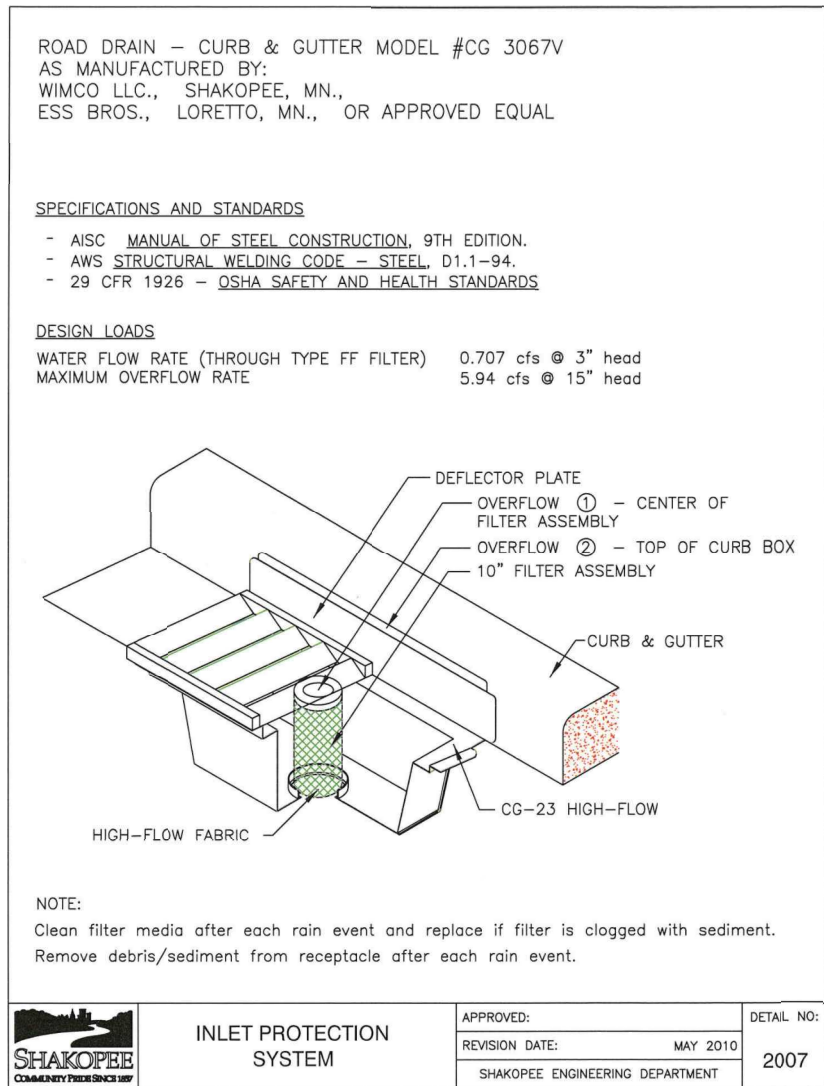
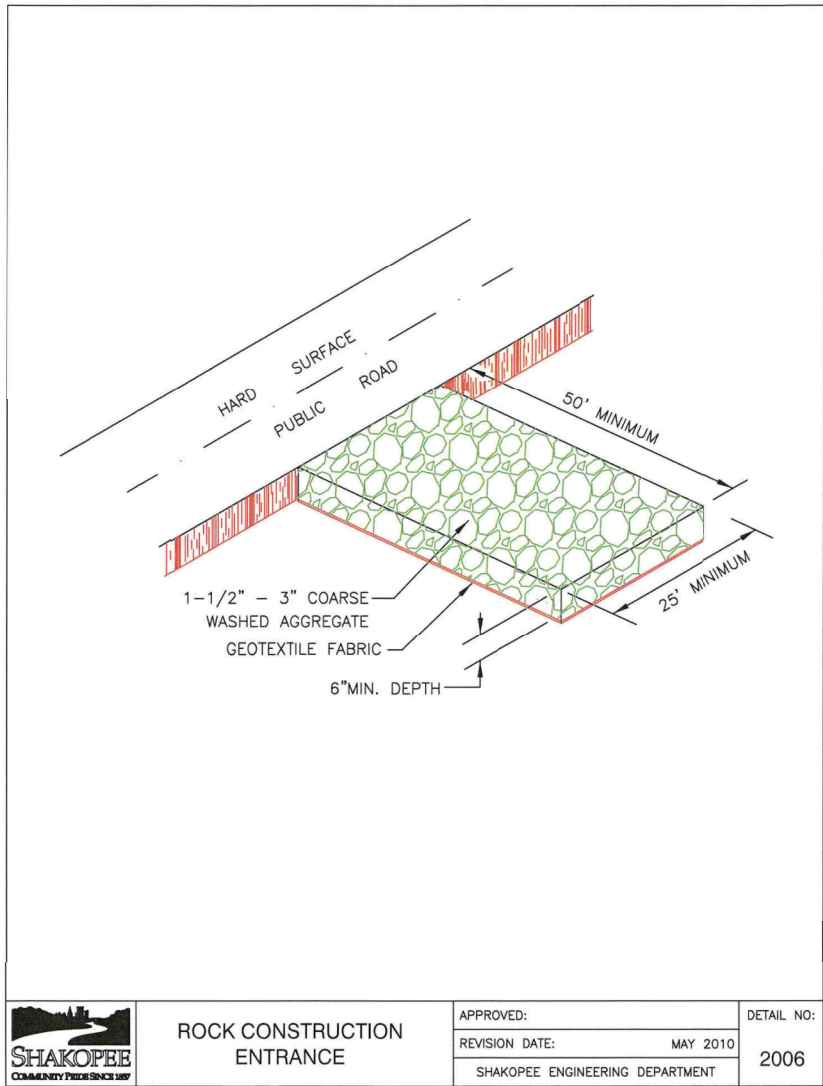
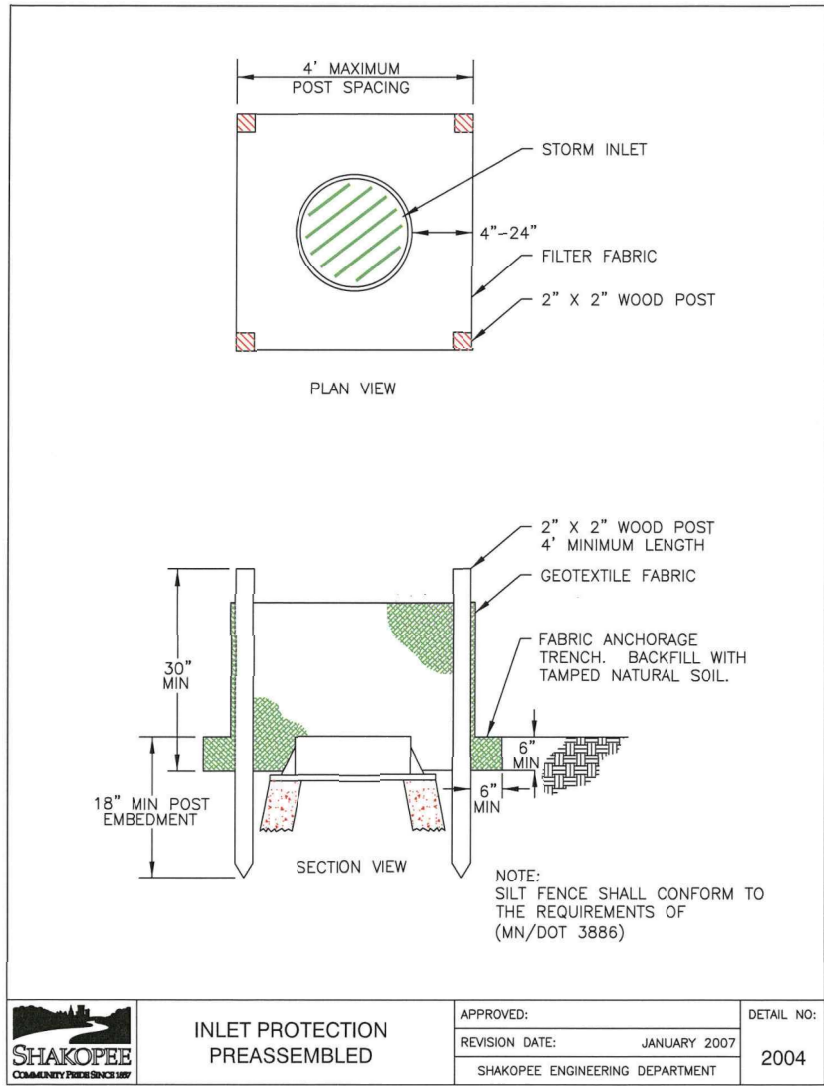
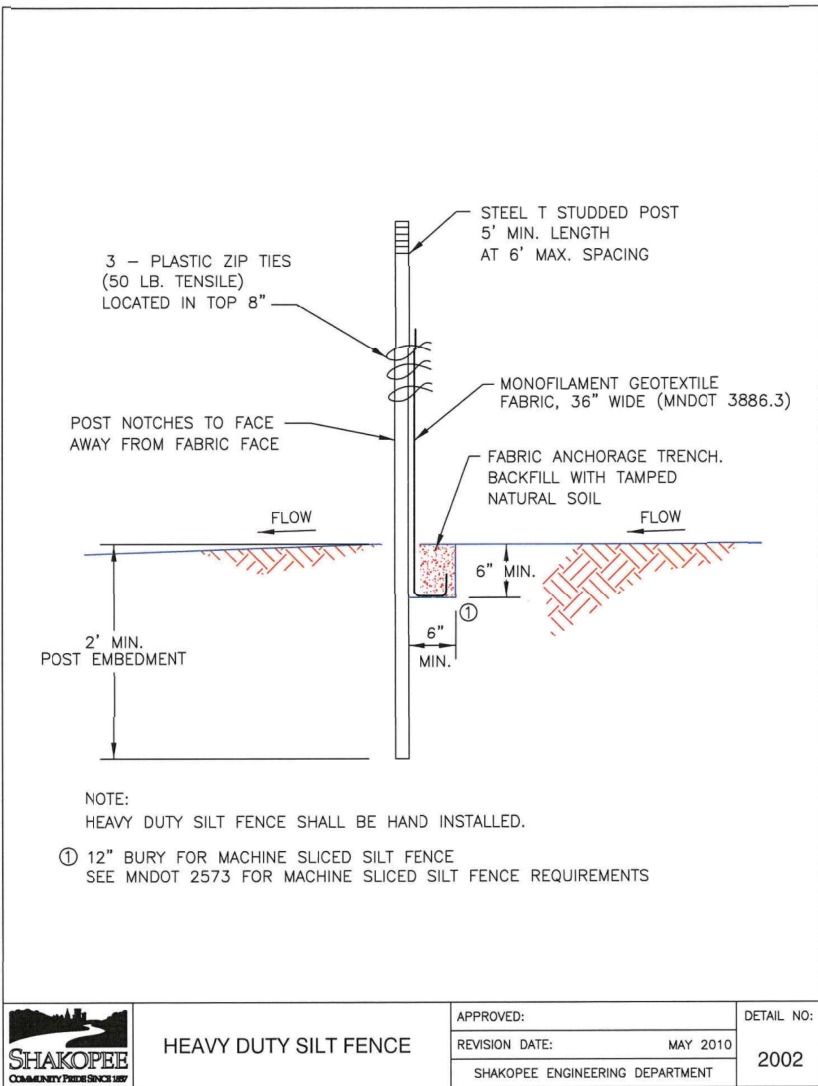
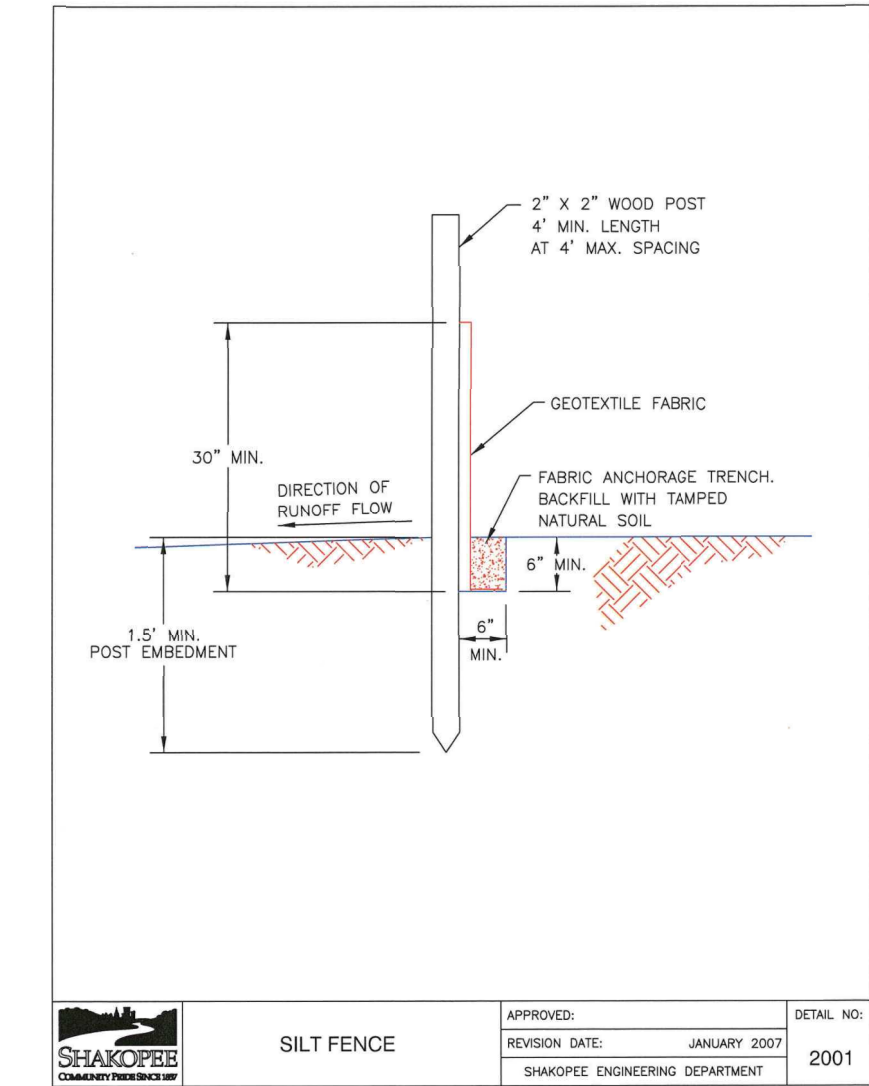
Prepared for:

DR Horton Custom Homes
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Lakeville, MN, 55044

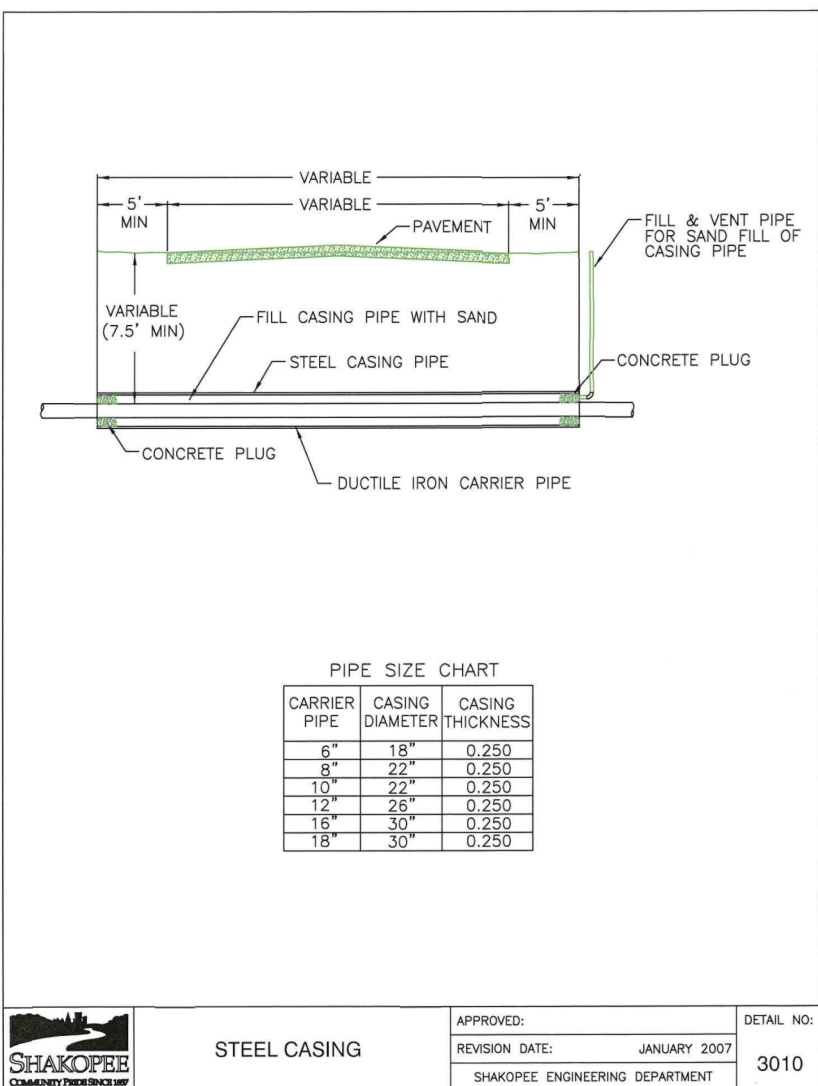
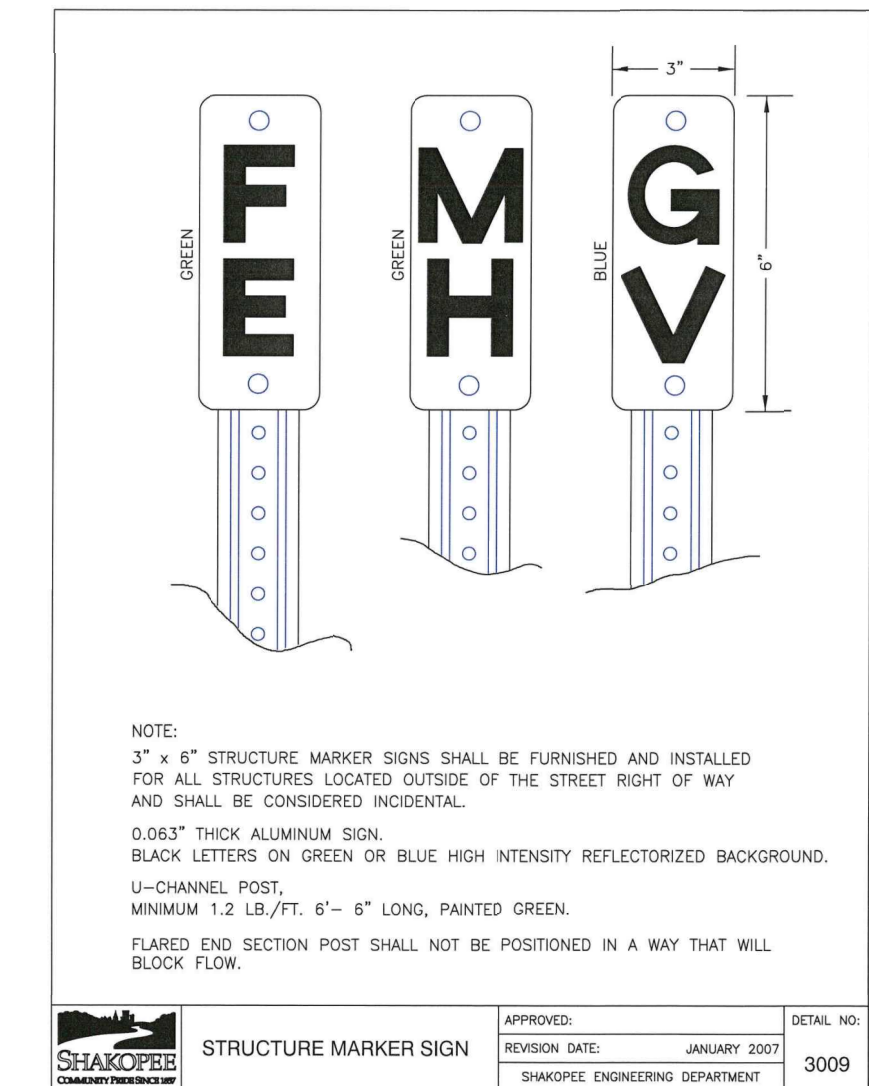
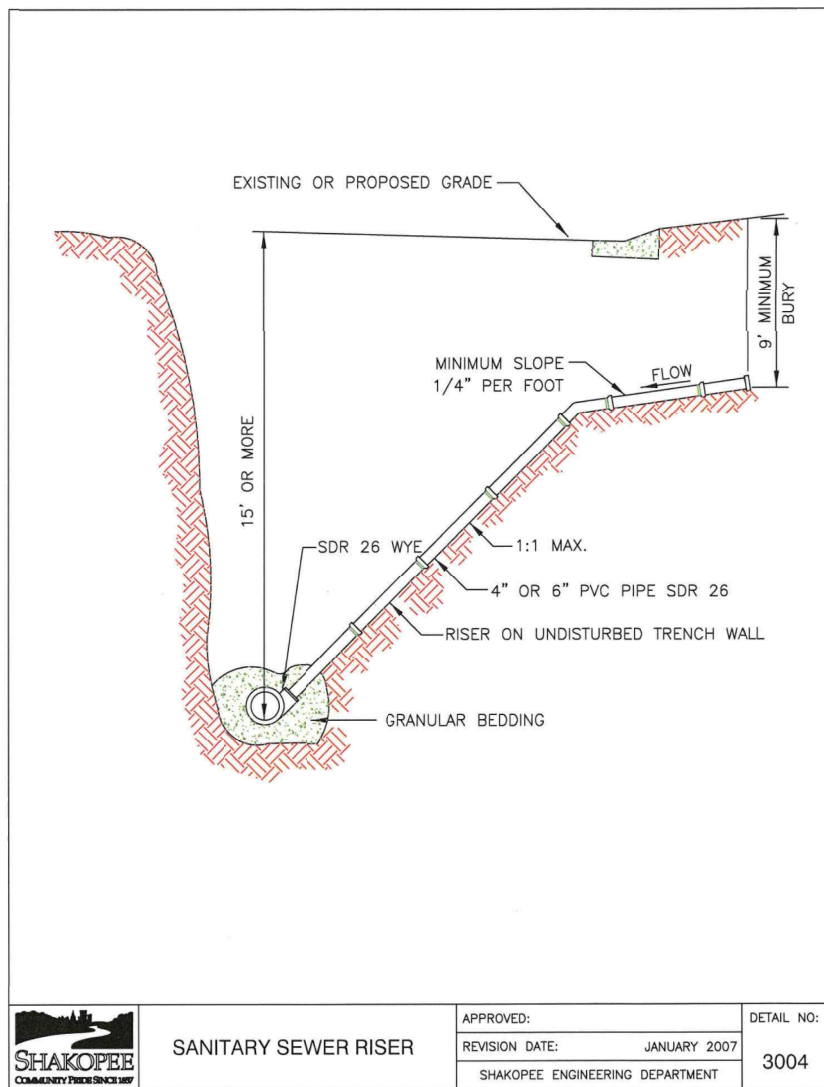
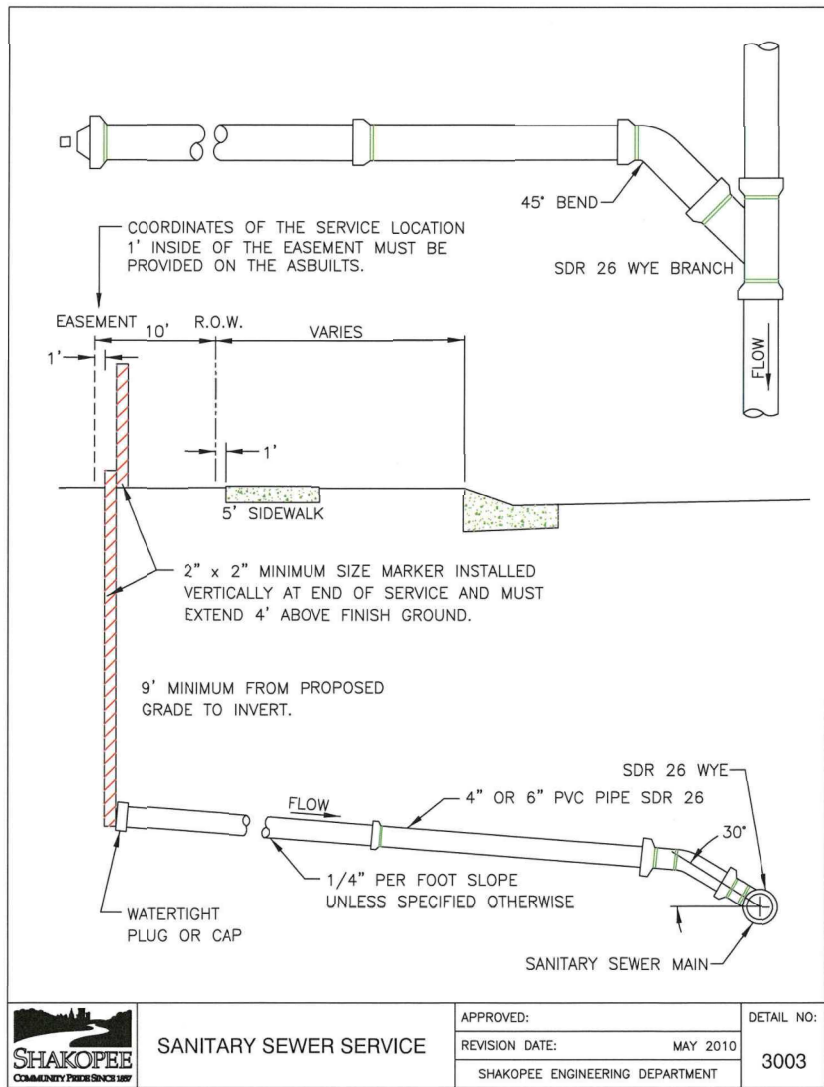
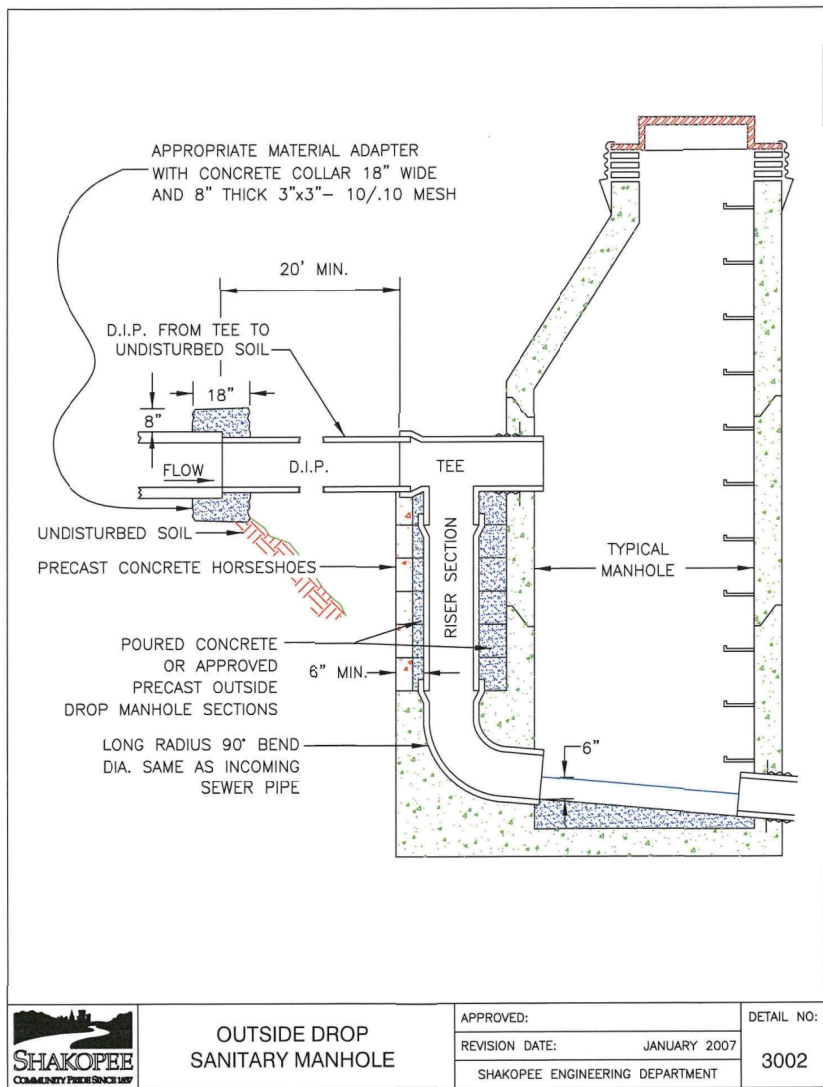
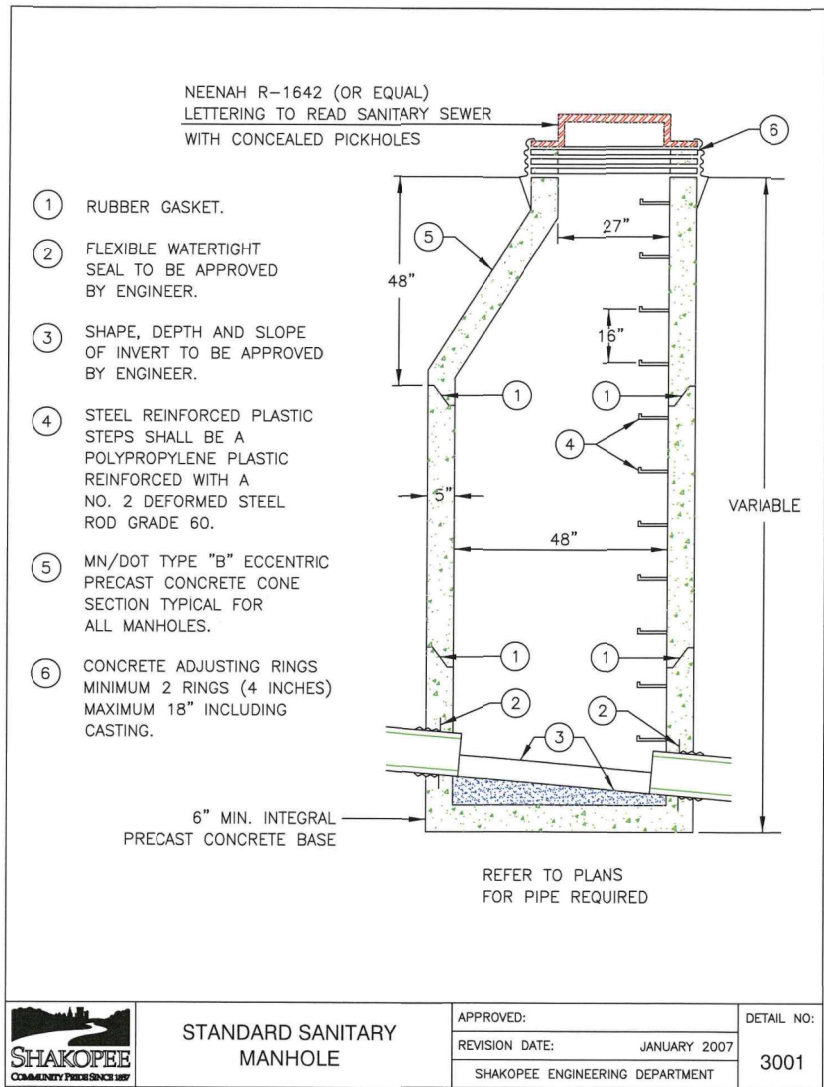
Windermere

Shakopee, Minnesota

**Street and Storm Sewer
Construction Plan**



Call 48 Hours before digging:
811 or call811.com
Common Ground Alliance



PIPE SIZE CHART		
CARRIER PIPE	CASING DIAMETER	CASING THICKNESS
6"	18"	0.250
8"	22"	0.250
10"	24"	0.250
12"	26"	0.250
14"	28"	0.250
16"	30"	0.250
18"	32"	0.250

Latest Revision Date: 05/19/17

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Date: 05/19/17 Sheet: 19 OF 22

Westwood

Phone (952) 937-5150 7699 Anagram Drive
Fax (952) 937-5822 Eden Prairie, MN 55344
Toll Free (888) 937-5150 westwoodps.com

Westwood Professional Services, Inc.

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed PROFESSIONAL ENGINEER under the laws of the State of Minnesota.

Francis D Hagen II

Date: 05/19/17 License No. 17716

Revisions:

Designed: FDH II
Checked: FDH II
Drawn: DWR
Record Drawing by/date:

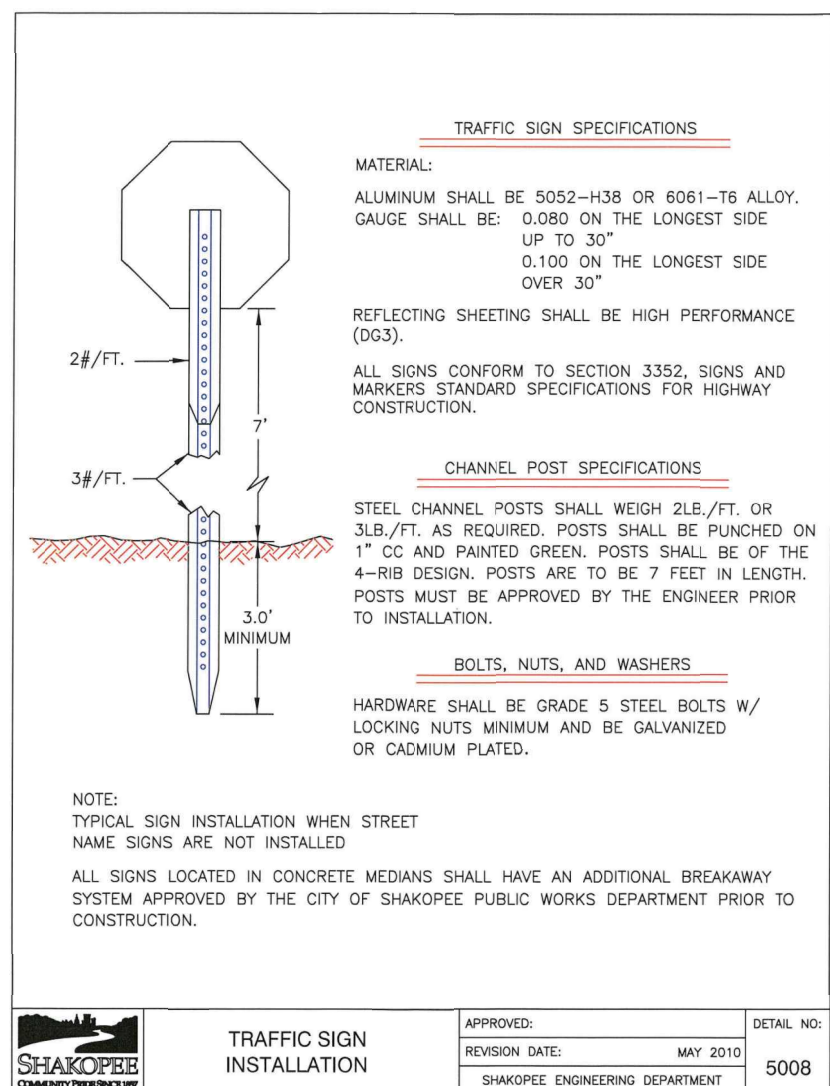
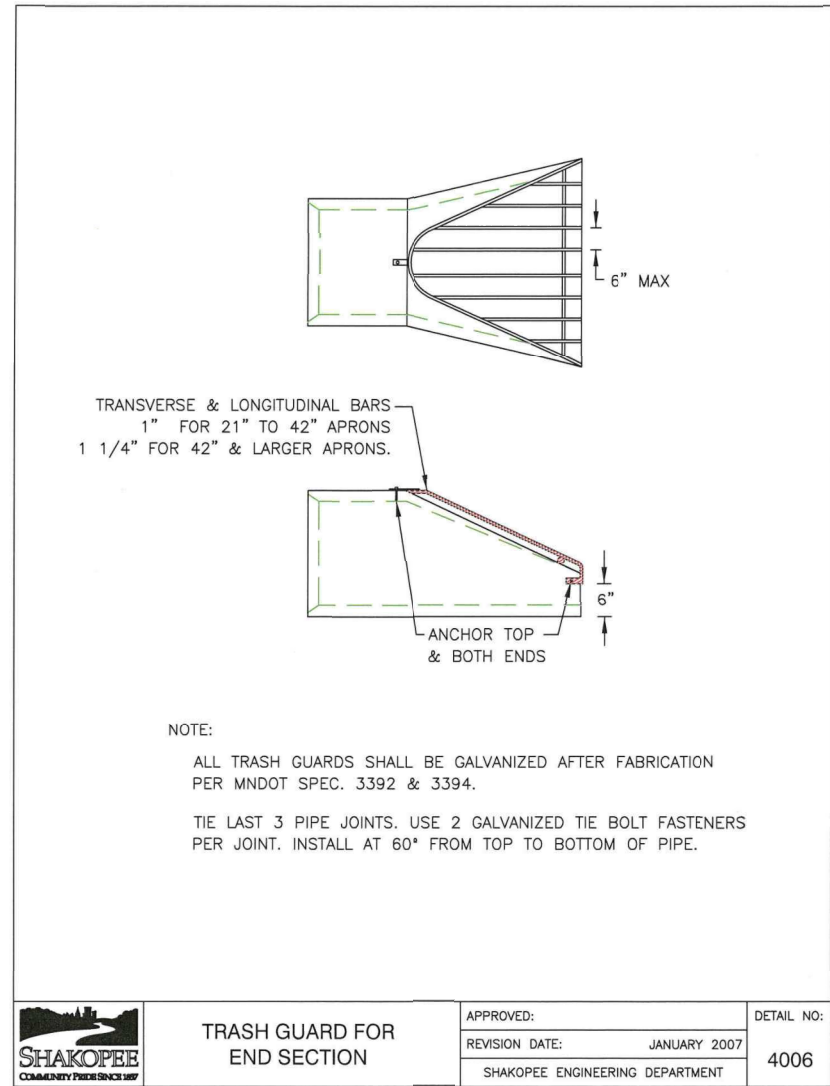
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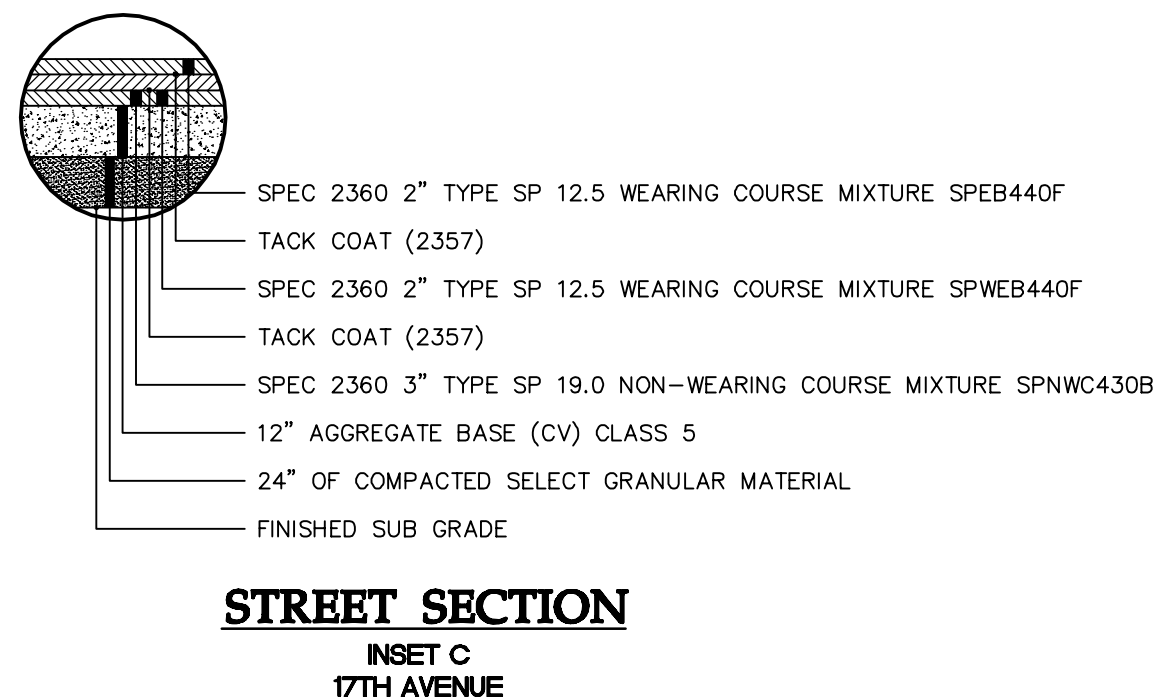
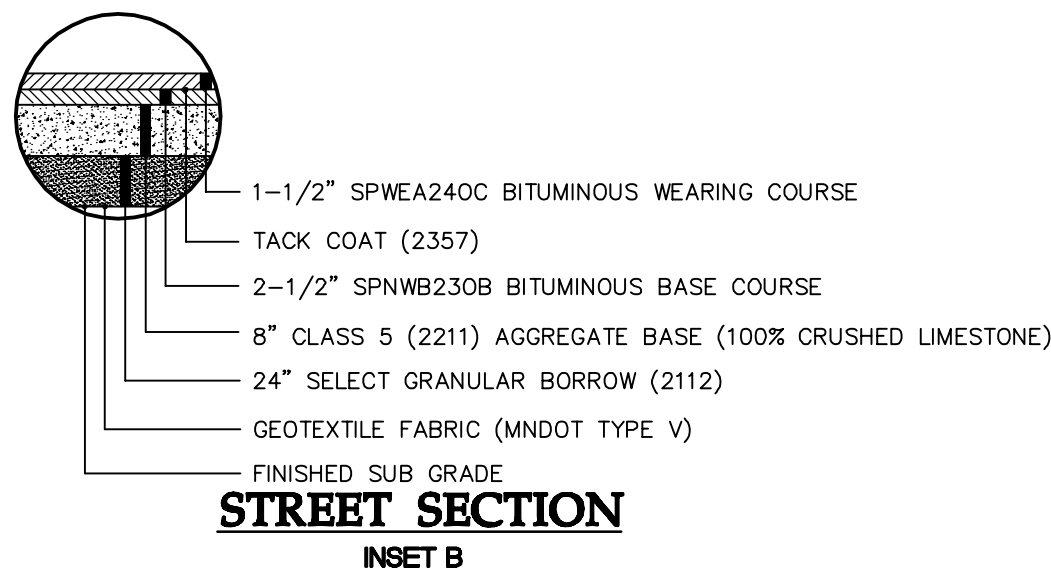
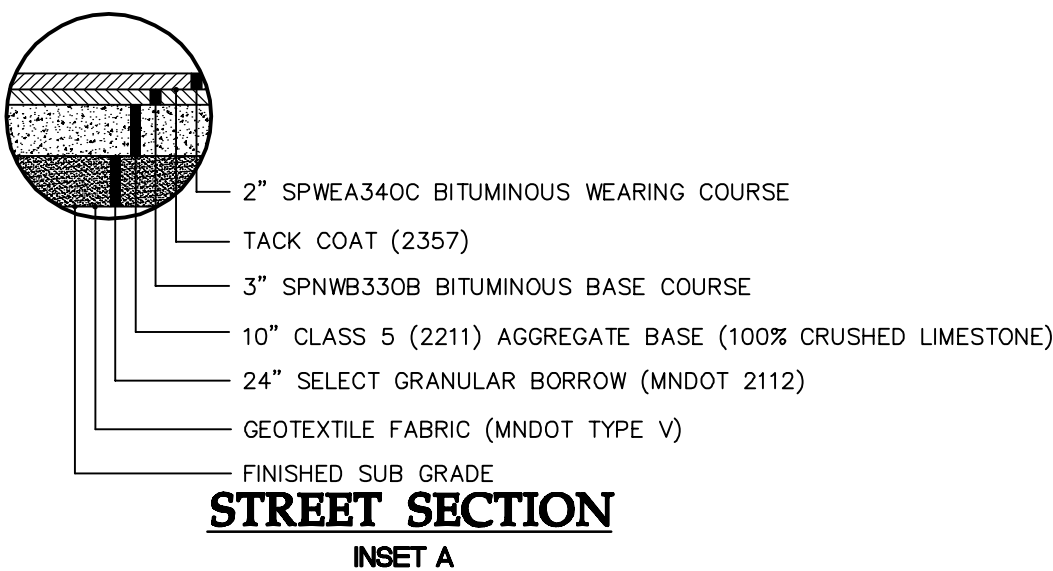
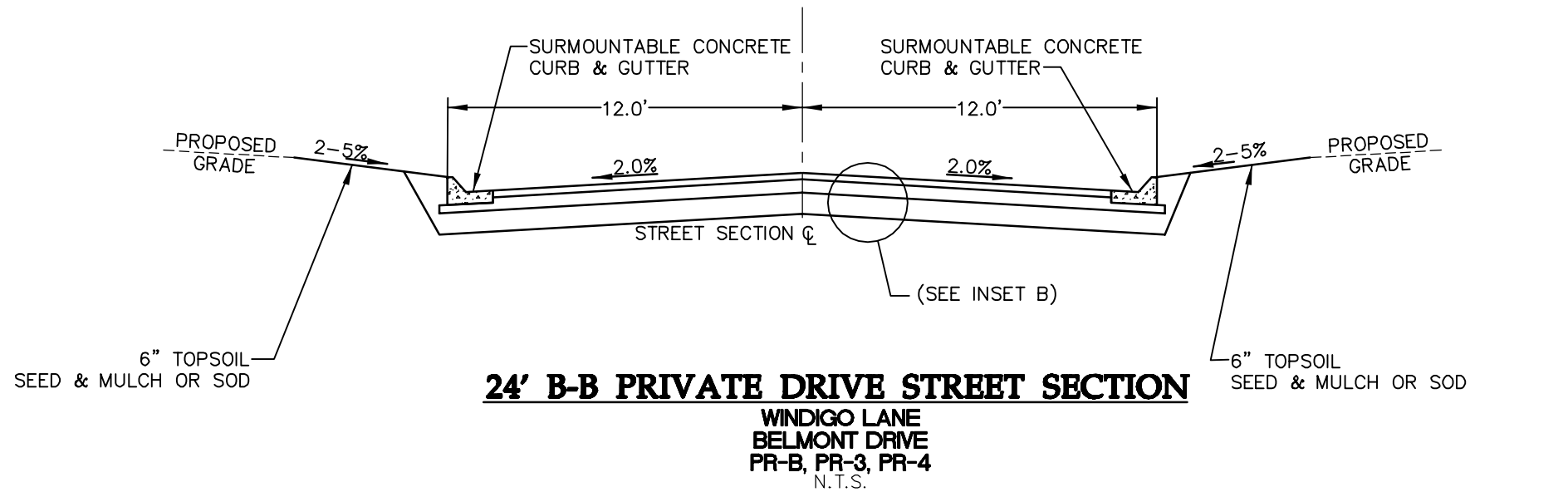
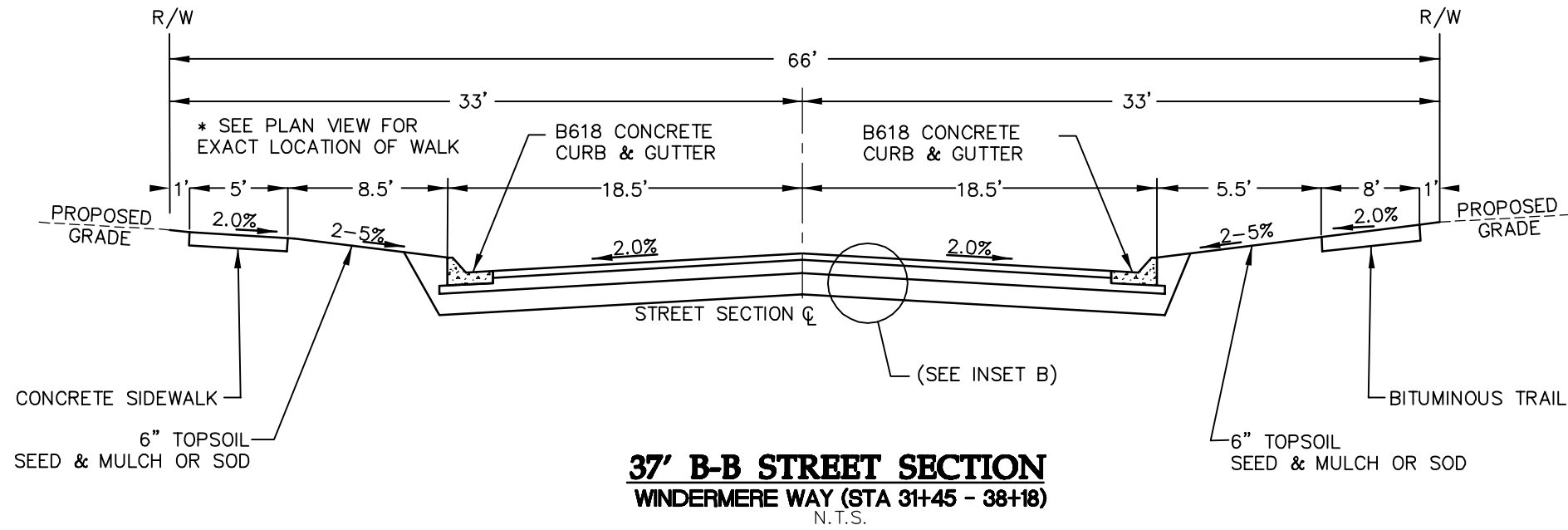
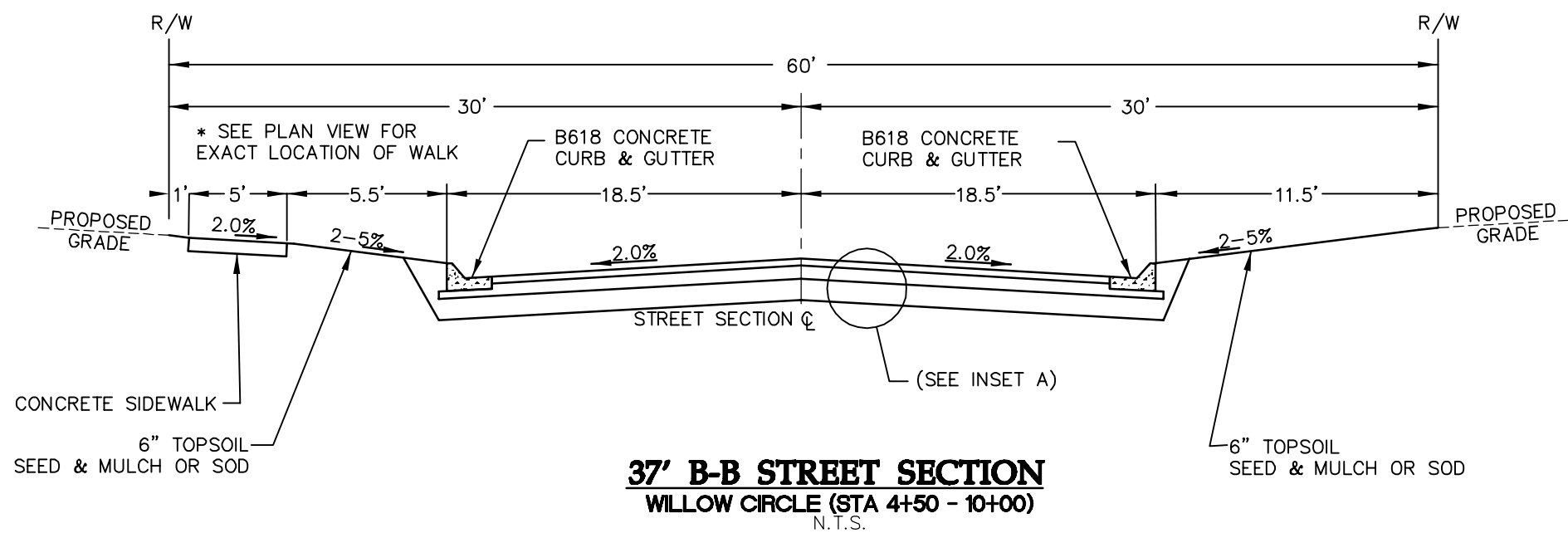
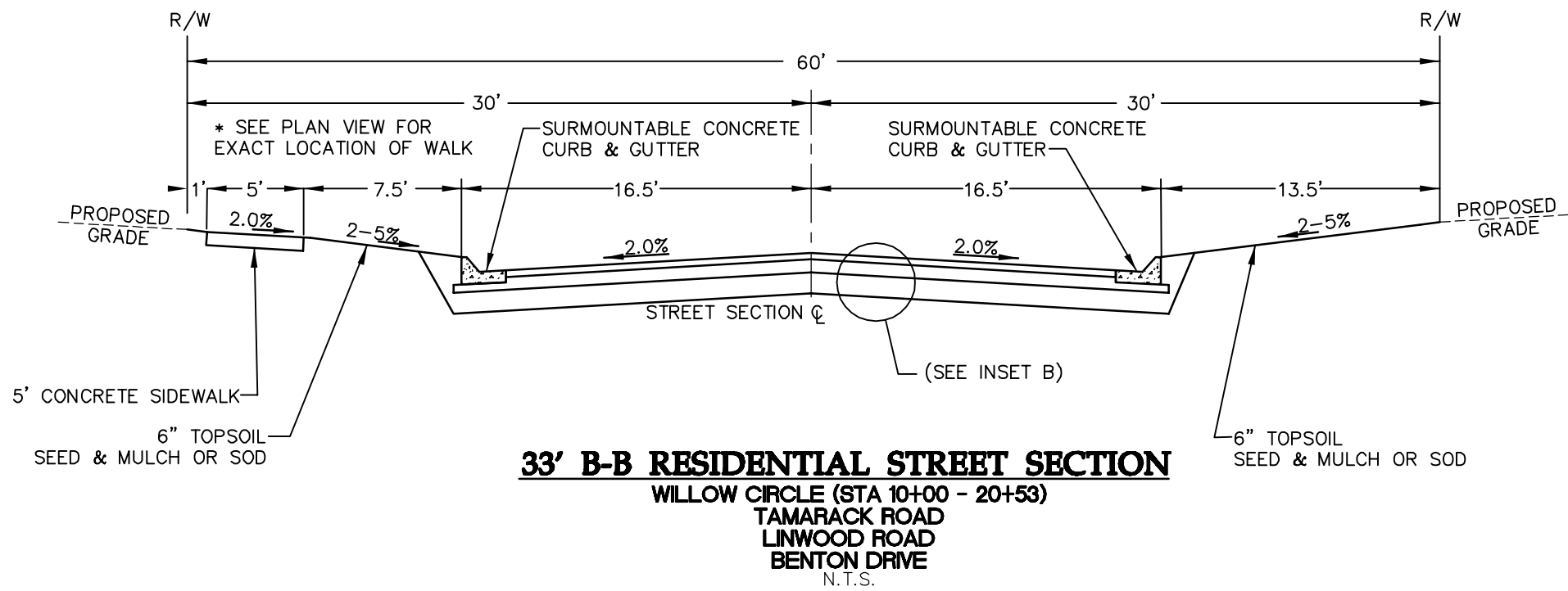
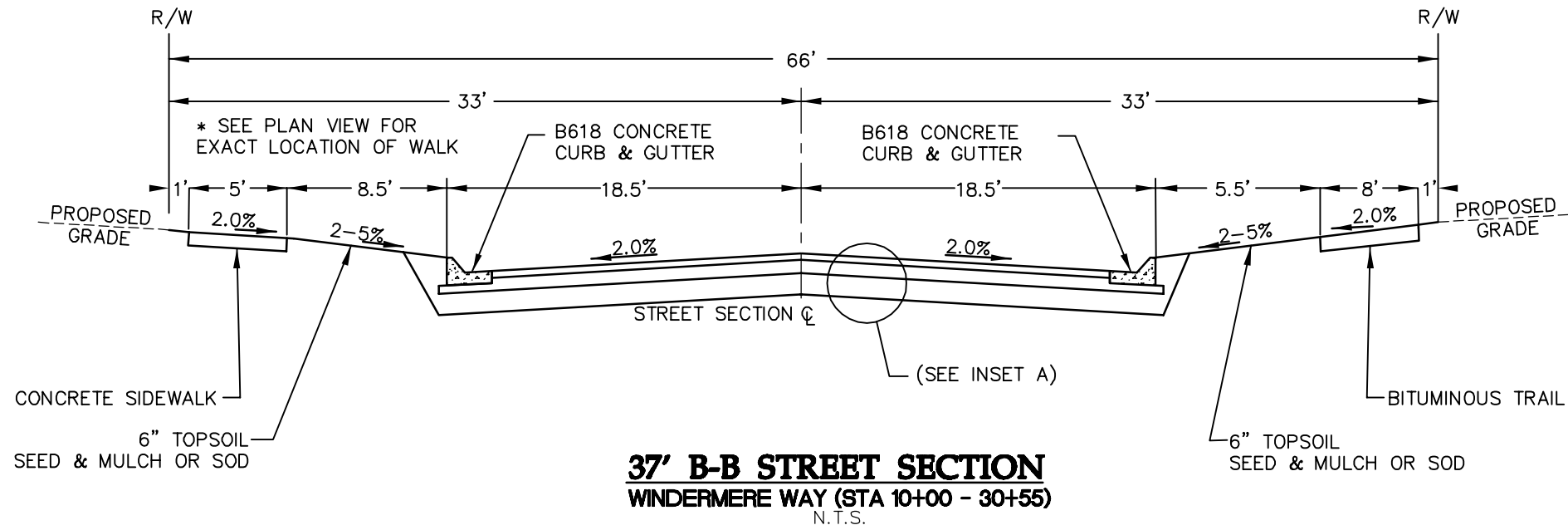
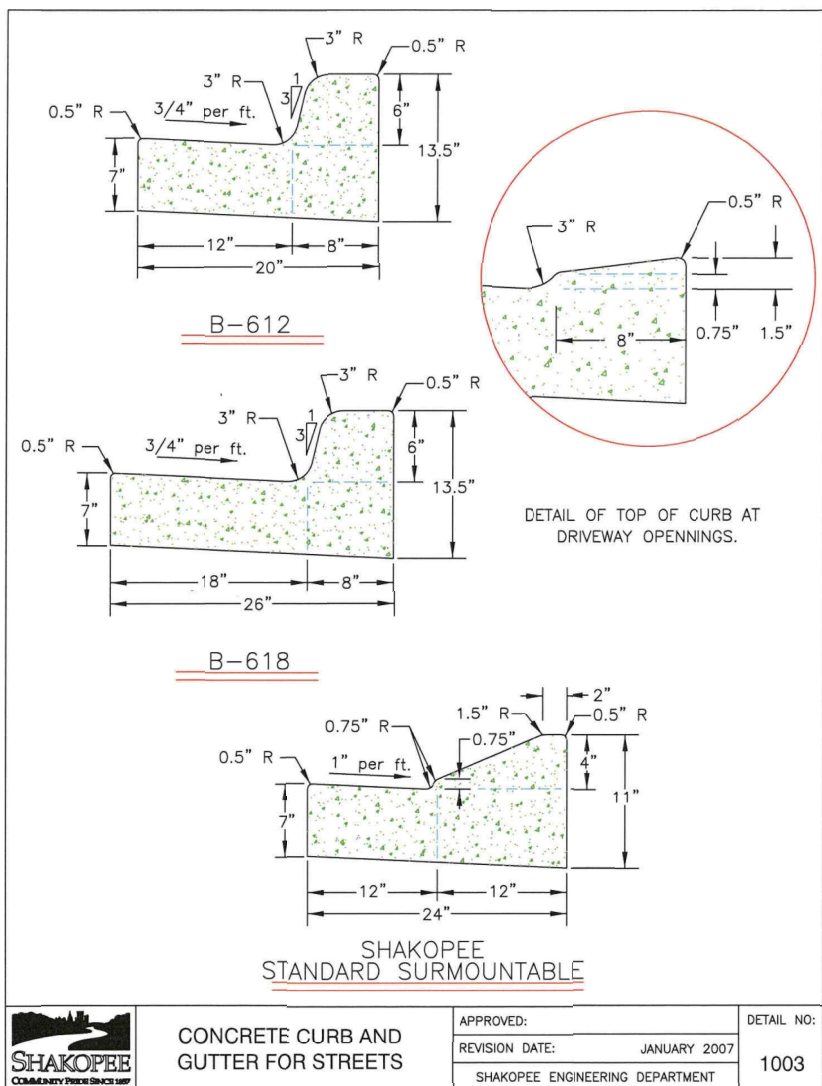
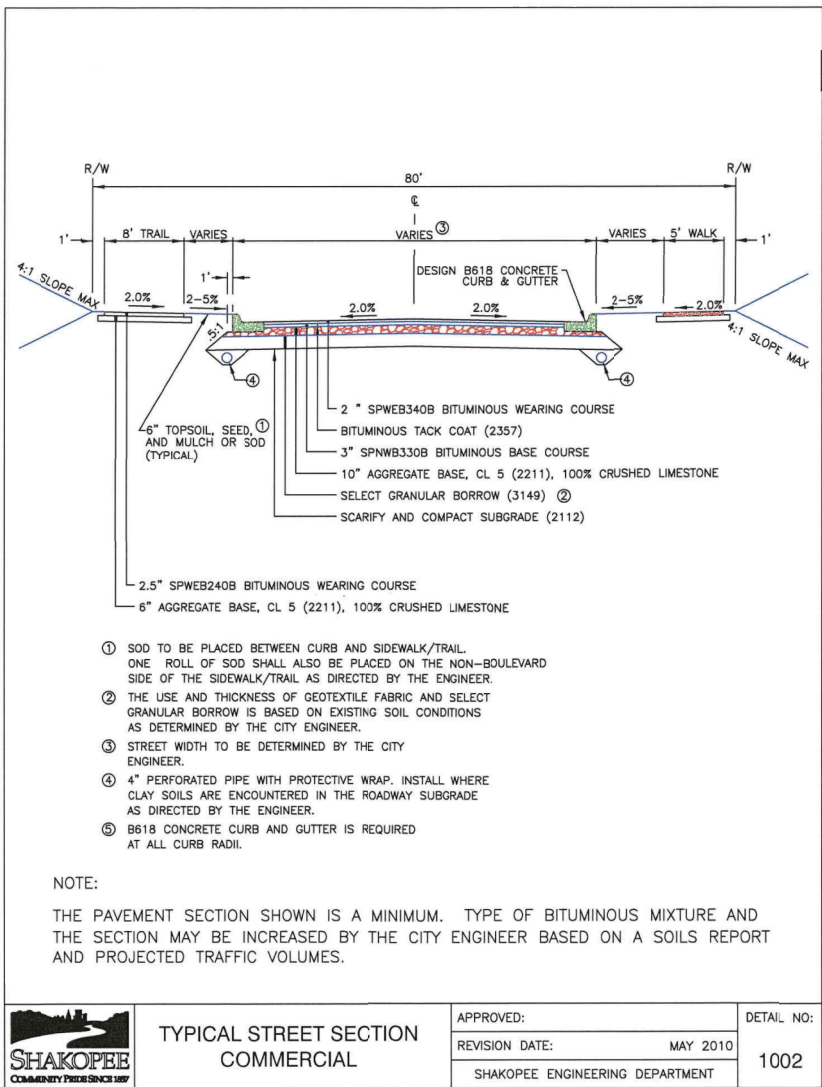
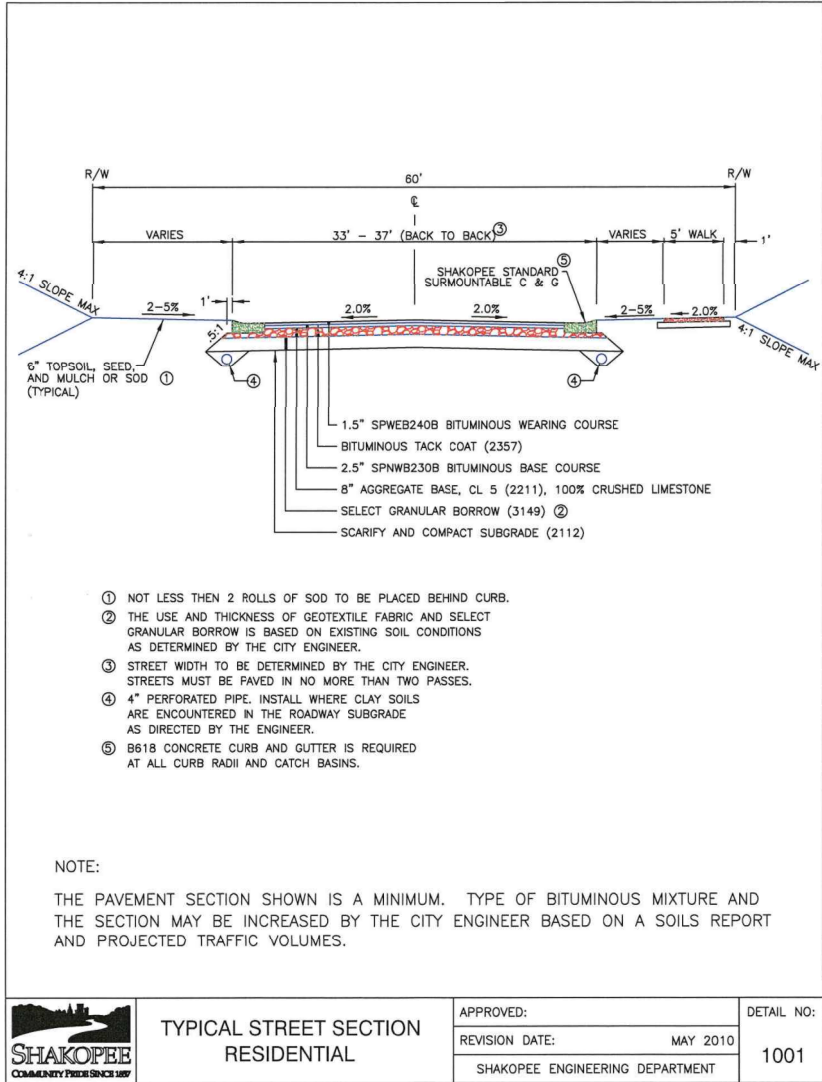
DR Horton Custom Homes
20860 Kenbridge Court, Suite 100
Lakeville, MN, 55044

Windermere

Shakopee, Minnesota

Details





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