

183RD LANE NW

SEE SHEET 9

WEST OAKS 2ND ADDITION

8" TEE
(LOC. VERIFIED BY BPA)

HYDRANT
6" RSV

R.M. TOP NUT H
ELEV.=901.54

CB 105 (24"x36")
CAST R-3067-V
FL ~~894.69~~ 894.53
IE ~~891.00~~ 890.48

WEST OAKS 2ND ADDITION

CONTACTS

PAVING CONTRACTOR: UNIVERSAL ENTERPRISES OF MID-MN, INC.
PIPE CONTRACTOR: KUECHLE UNDERGROUND, INC.
DEVELOPER: WEST OAKS OF ELK RIVER LLC

RECORD DRAWING

MEASURED BY: CG @ BPA
INSPECTED BY A.B. @ H.R. GREEN

DRAWN BY CCO, DDM @ BPA

184TH AVENUE NW

ALL AS-BUILT INFORMATION GIVEN AS OBLIQUED TEXT

RECORD DRAWING NOTES:

I. INFORMATION IS FURNISHED WITHOUT WARRANTY AS TO ACCURACY. USERS SHOULD FIELD VERIFY LOCATIONS AND ELEVATIONS

2. ELEVATIONS SHOWN AND NOT ADJUSTED
ARE DESIGN ELEVATIONS.

- SALVAGE AND INSTALL 8" PLUG
INSTALL 8" TEE
TIES: NORTH CB-41.5'
STREET LIGHT-49'
- RECONSTRUCT STREET
TO CITY STANDARDS
- CONNECT TO EXISTING WATERMAIN
FIELD VERIFY DEPTH AND LOCATION

B.M. TOP NUT HYD HYDRANT
ELEV.=894.40 6" RSV

8"X 6" T

WEST OAKS 2ND ADDITION

REDUCER

B.M. TOP NUT HYD
ELEV.=893.58

GROUT 16" I.D. RESTRICTOR
RING INSIDE 18" RCP UNDER
OLD WACO STREET
(SEE DETAIL ON SHEET 13)

SEE SHEET 4

WEST OAKS 2ND ADDITION

/ SEE SHEET :

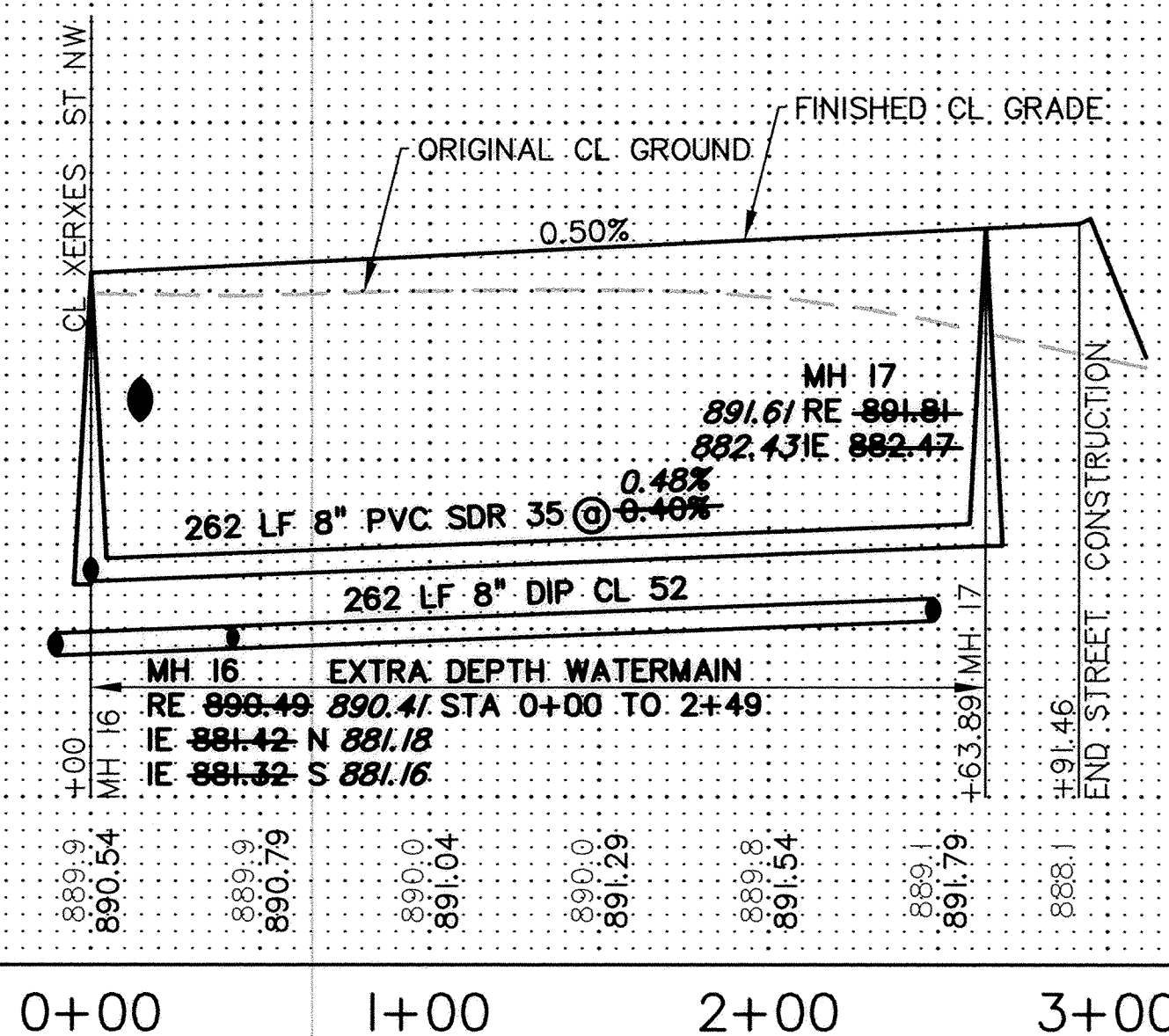
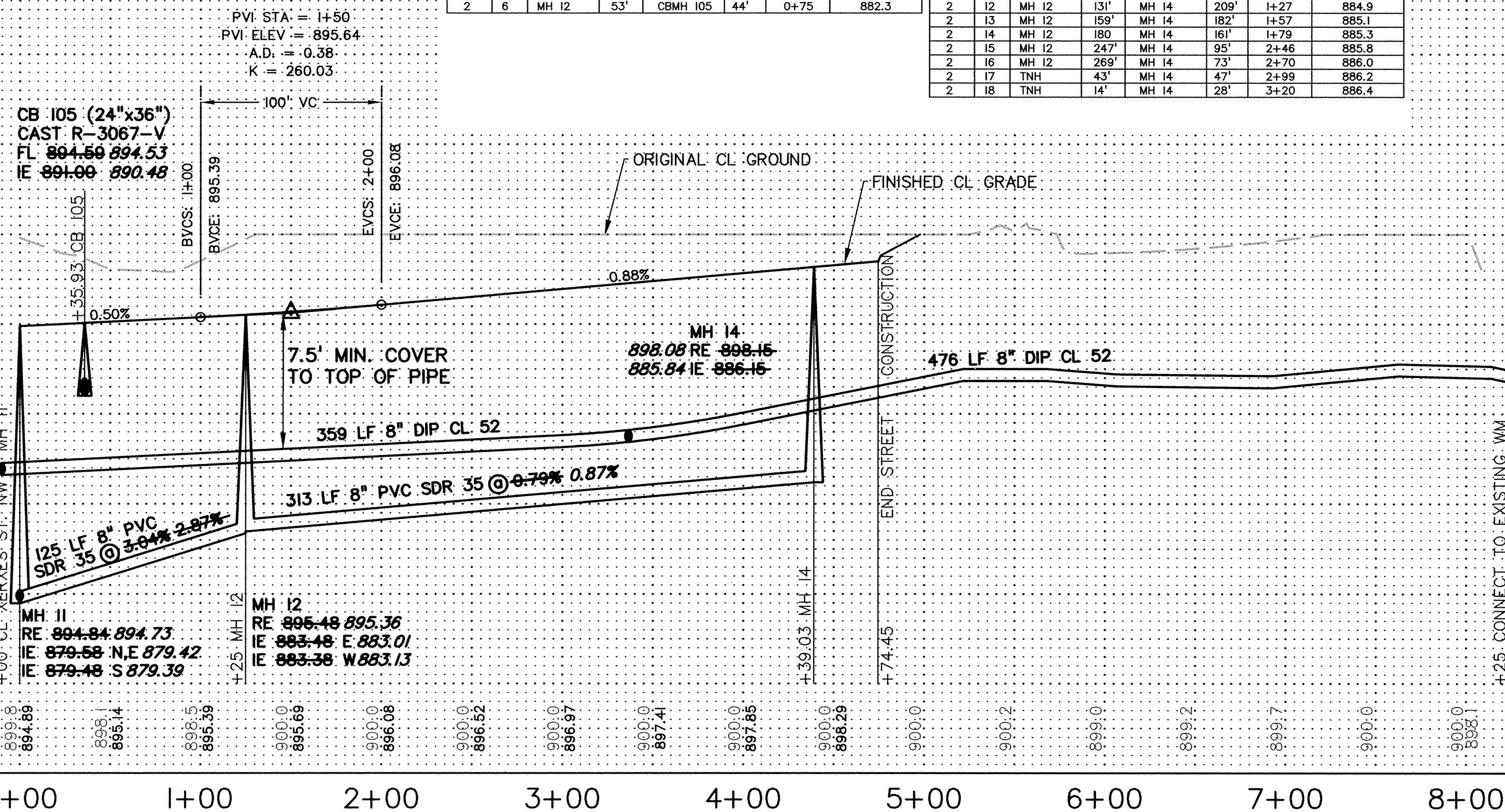
NOTES:

- 1) STATIONING REFERS TO STREET CENTERLINE.
- 2) DIMENSIONS TO BACK OF CURB UNLESS OTHERWISE NOTED.
- 3) TOP OF CURB ELEVATIONS ARE TO MOUNTABLE CURB SECTION.
- 4) TRANSITION TO B612 CONCRETE CURB AND GUTTER AT CATCH BASIN (SEE DETAIL)
- 5) WATER SERVICES MAY BE INSTALLED IN THE SAME TRENCH PARALLEL WITH THE SANITARY SERVICES ON A BENCH A MINIMUM OF 18 INCHES ABOVE THE TOP OF SANITARY SEWER SERVICES.
- 6) INSULATE WATERMAIN AND SERVICES AT ALL CROSSINGS WITH STORM SEWER. INSULATION IS INCIDENTAL TO WATERMAIN INSTALLATION.
- 7) CONSTRUCT PEDESTRIAN RAMPS AT ALL INTERSECTIONS WITH SIDEWALK
- 8) VALVES IN EXCESS OF 8 FEET SHALL HAVE OPERATOR EXTENTIONS INSTALLED.

SERVICE TIES					SANITARY SERVICE			
PHASE	LOT	TIE I.D.	DIST	TIE I.D.	DIST	WYE STA	EASE LINE	IN
2	1	MH 12	101'	CBMH 105	191'	04-90		884.7
2	2	MH 12	75'	CBMH 105	164'	04-67		884.5
2	3	MH 12	55'	CBMH 105	142'	04-45		884.3
2	4	MH 12	34'	CBMH 105	118'	04-21		884.2
2	5	MH 12	34'	CBMH 105	67'	04-98		883.0
2	6	MH 12	53'	CBMH 105	44'	04-75		882.3

SERVICE TIES						SANTARY SERVICE		
PHASE	LOT	TIE I.D.	DIST	TIE I.D.	DIST	WYE STA	EASE	LINE I.E
2	7	MH 12	46'	MH 11	86'	0+81		882.4
2	8	MH 12	28'	MH 11	109'	+10		883.3
2	9	MH 12	26'	MH 11	138'	+10		884.0
2	10	MH 12	40'	MH 11	150'	0+30		884.1
2	11	MH 12	11'	MH 14	230'	+106		884.7
2	12	MH 12	131'	MH 14	209'	+127		884.9
2	13	MH 12	159'	MH 14	182'	+157		885.1
2	14	MH 12	180'	MH 14	161'	+179		885.3
2	15	MH 12	247'	MH 14	95'	+248		885.8
2	16	MH 12	269'	MH 14	73'	+249		886.2
2	1P	TNH 14	43'	MH 14	28'	+270		886.4

SERVICE DIST					SANITARY SERVICE			
PHASE	LOT	TIE I.D.	TIE DIST	TIE I.D.	DIST	WYE STA	EASE	LINE I/E
2	19	MH 16	62'	TNH	43'	0+50		882.3
2	20	MH 16	88'	TNH	58'	0+74		882.4
2	21	MH 16	147'	MH 17	156'	+05		882.5
2	22	MH 16	134'	MH 17	134'	H+27		882.5
2	23	MH 16	191'	MH 17	77'	1+85		882.5
2	24	MH 16	216'	MH 17	55'	2+10		882.8
2	25	TNH	40'	MH 17	22'	2+45		882.8
2	26	TNH	51'	MH 17	32'	2+35		882.8
2	27	MH 16	209'	MH 17	24'	2+05		882.6
2	28	MH 16	183'	MH 17	98'	H+80		882.5



**BOGART, PEDERSON
& ASSOCIATES, INC.**

WEST OAKS
CITY OF ELK RIVER, MN.
WEST OAKS OF ELK RIVER, LLC
SANITARY SEWER, WATERMAIN,
STORM SEWER & STREET PLAN
83RD LN NW & 184TH AVE NW

SHEET NO.

6

13