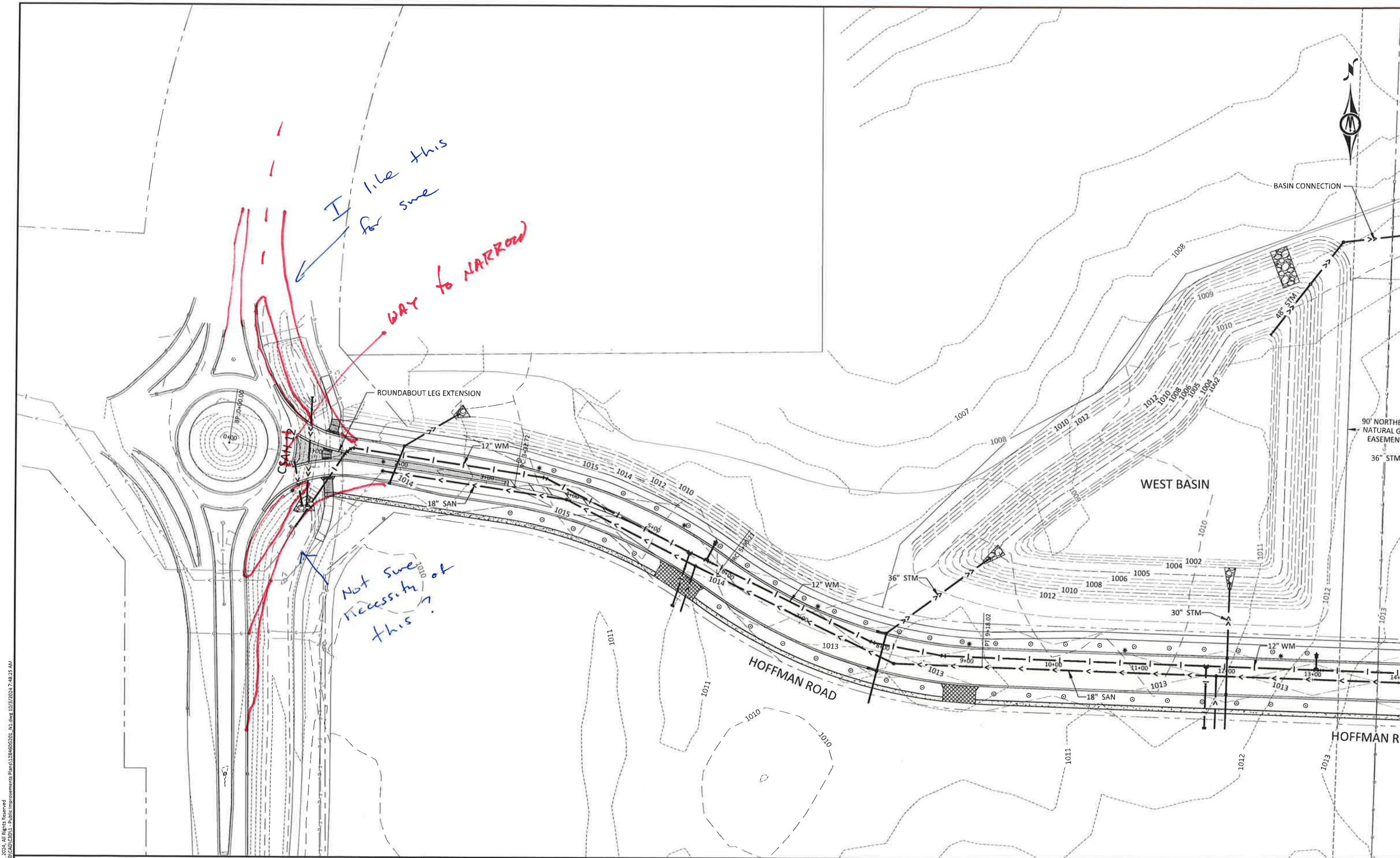
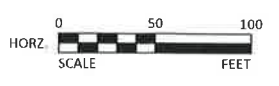




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CONSTRUCTION
ALEC W. PIETZ, P.E.
LIC. NO. 59617
DATE: XX/XX/XXXX



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MANKATO, MINNESOTA 56001
Phone: (507) 625-4171
Email: Mankato@bolton-menk.com
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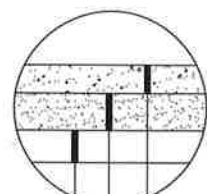
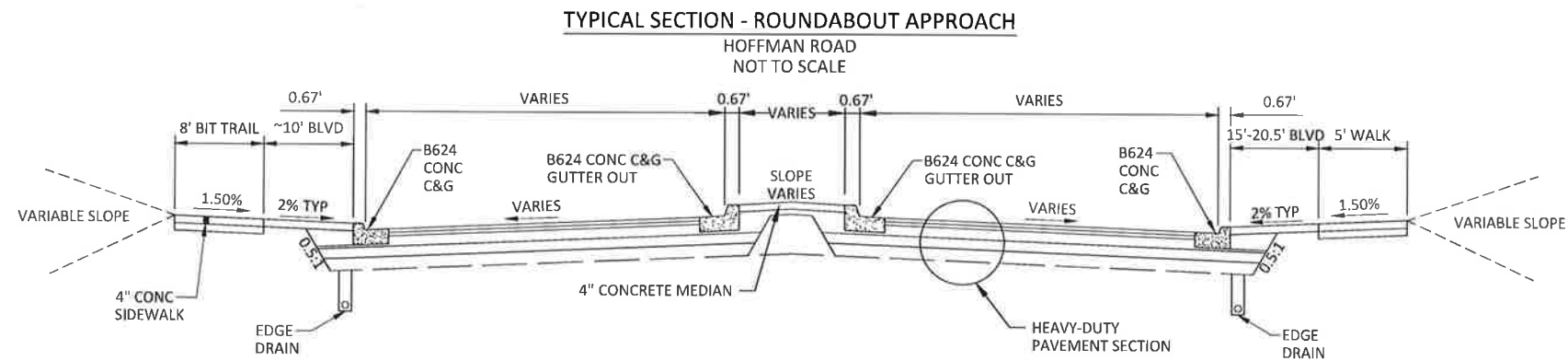
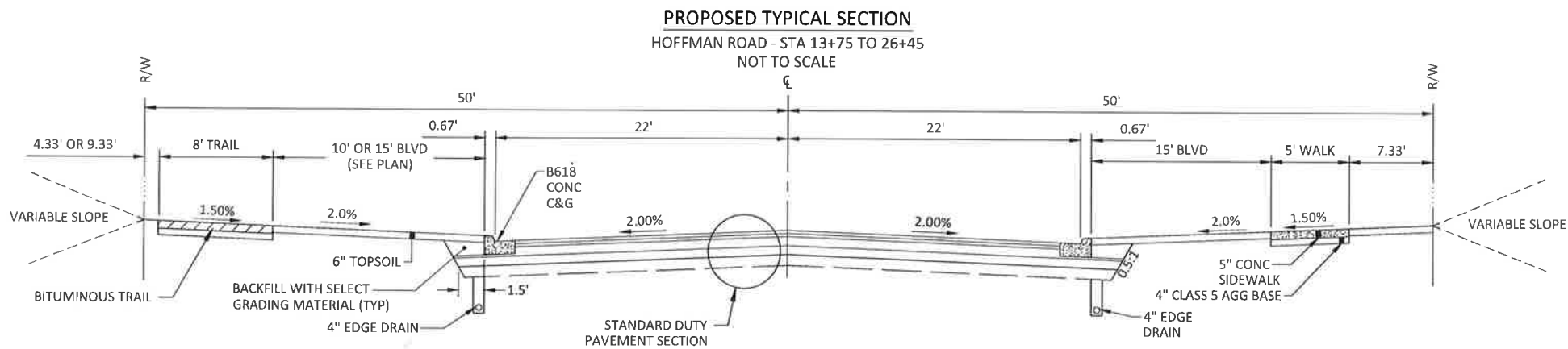
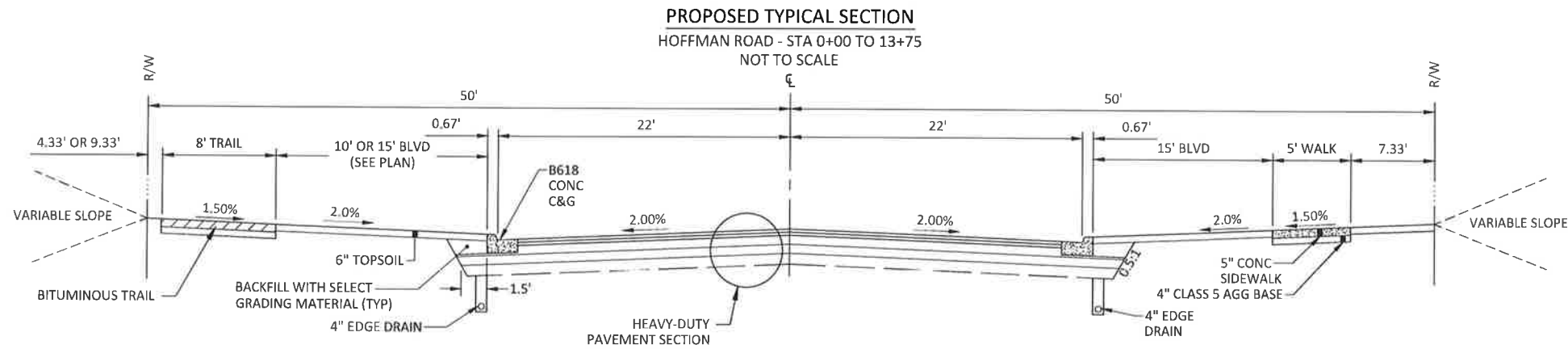
DESIGNED	DRAWN	CHECKED	CURRENT PROJ. NO.
AWP	AWP	NPM	0M1.128460

MESENBRINK CONSTRUCTION
HOFFMAN ROAD EXTENSION
PROJECT OVERVIEW

SHEET
G2.01

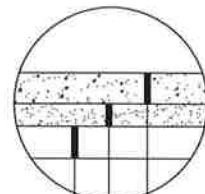
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K:\MESSENGER\1138460\1138460-01.dwg, 10/2/2024 7:48:36 AM

GENERAL NOTE:
SEE ROUNDABOUT GRADING &
CONSTRUCTION SHEETS FOR CURB
AND GUTTER ELEVATIONS/TYPES,
SIDEWALK, AND VARIOUS SLOPES



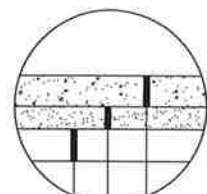
4" CONCRETE MEDIAN
NOT TO SCALE

4" CONCRETE MEDIAN PAVEMENT (2531)
6" AGGREGATE BASE, CL 5 (2211) (INCIDENTAL)
SUBGRADE PREPARATION (2112) (INCIDENTAL)



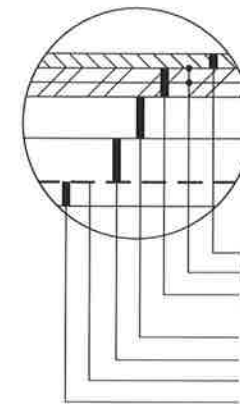
4" CONCRETE SIDEWALK
NOT TO SCALE

4" CONCRETE SIDEWALK (2531)
3" AGGREGATE BASE, CL 5 (2211) (INCIDENTAL)
SUBGRADE PREPARATION (2112) (INCIDENTAL)



6" CONCRETE SIDEWALK
NOT TO SCALE

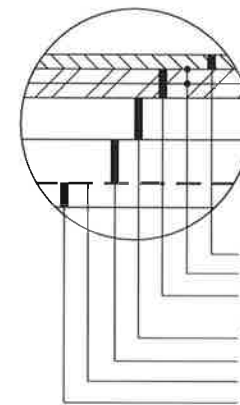
6" CONCRETE SIDEWALK (2531)
4" AGGREGATE BASE, CL 5 (2211) (INCIDENTAL)
SUBGRADE PREPARATION (2112) (INCIDENTAL)



HEAVY-DUTY PAVEMENT SECTION
NOT TO SCALE

GRAVEL EQUIVALENCY (GE)
5.5" BITUMINOUS = $5.5 \times 2.25 = 12.4$
18" CLASS 5 = $18 \times 1 = 18$
12" GRANULAR = $12 \times 0.5 = 6$
GEOGRID = 2
TOTAL GE = 38.4

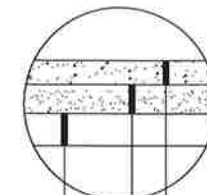
1.5" TYPE SP 12.5 WEARING COURSE (SPWEA340C) (2360)
BITUMINOUS TACK COAT (2)
4.0" TYPE SP 19 NON-WEARING COURSE
(2 EA 2.0" LIFTS) (SPNWB330C) (2360)
18" AGGREGATE BASE, CL 5 (2211)
12" SELECT GRANULAR (3149) (2211)
TYPE 1 BIAXIAL GEOGRID
12" SUBGRADE PREPARATION (2112) (INCIDENTAL)



STANDARD DUTY PAVEMENT SECTION
NOT TO SCALE

GRAVEL EQUIVALENCY (GE)
4.5" BITUMINOUS = $4.5 \times 2.25 = 10.1$
14" CLASS 5 = $14 \times 1 = 14$
12" GRANULAR = $12 \times 0.5 = 6$
GEOGRID = 2
TOTAL GE = 32.1

1.5" TYPE SP 12.5 WEARING COURSE (SPWEA340C) (2360)
BITUMINOUS TACK COAT (2)
3.0" TYPE SP 19 NON-WEARING COURSE
(2 EA 1.5" LIFTS) (SPNWB330C) (2360)
14" AGGREGATE BASE, CL 5 (2211)
12" SELECT GRANULAR (3149) (2211)
TYPE 1 BIAXIAL GEOGRID
12" SUBGRADE PREPARATION (2112) (INCIDENTAL)



BITUMINOUS TRAIL
NOT TO SCALE
NOTE: QUANTITY INCLUDED UNDER '3" BITUMINOUS WALK' (MNDOT SPEC. NO. 2521)

3.0" TYPE SP 12.5 WEARING COURSE MIXTURE (SPWEB240C) (2360) (INCIDENTAL)
8" AGGREGATE BASE, CL 5 (2211) (INCIDENTAL)
SUBGRADE PREPARATION (INCIDENTAL)

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ALEC W. PIETZ, P.E.
LIC NO: 59617 DATE: XX/XX/XXXX



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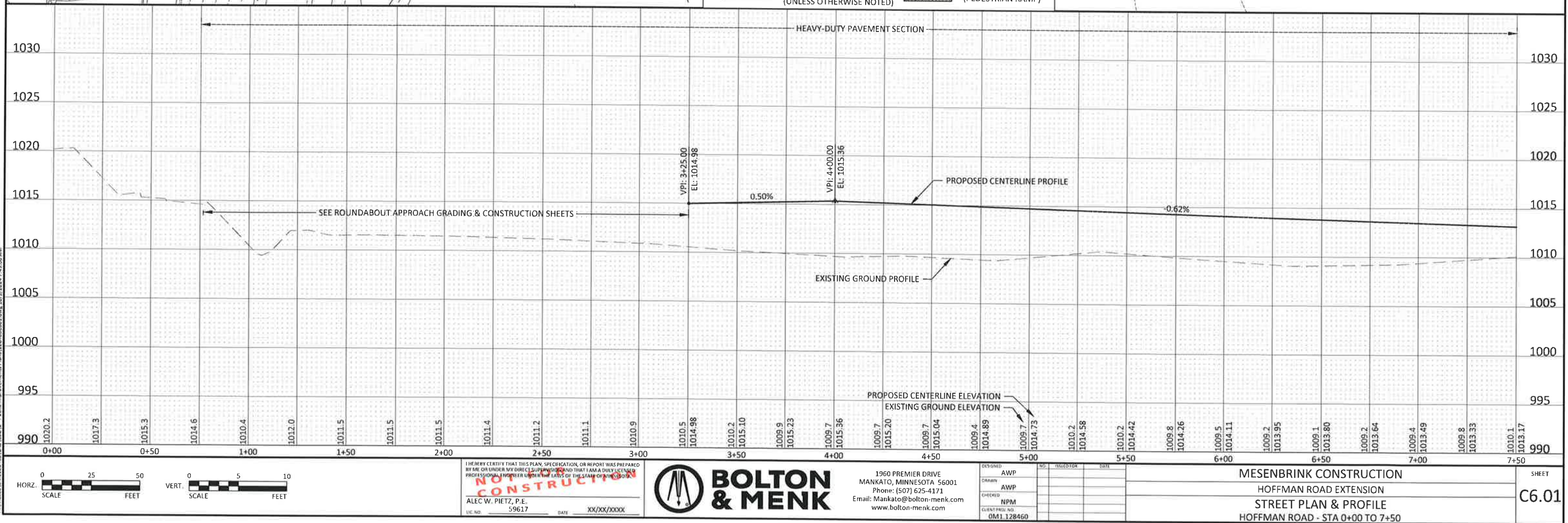
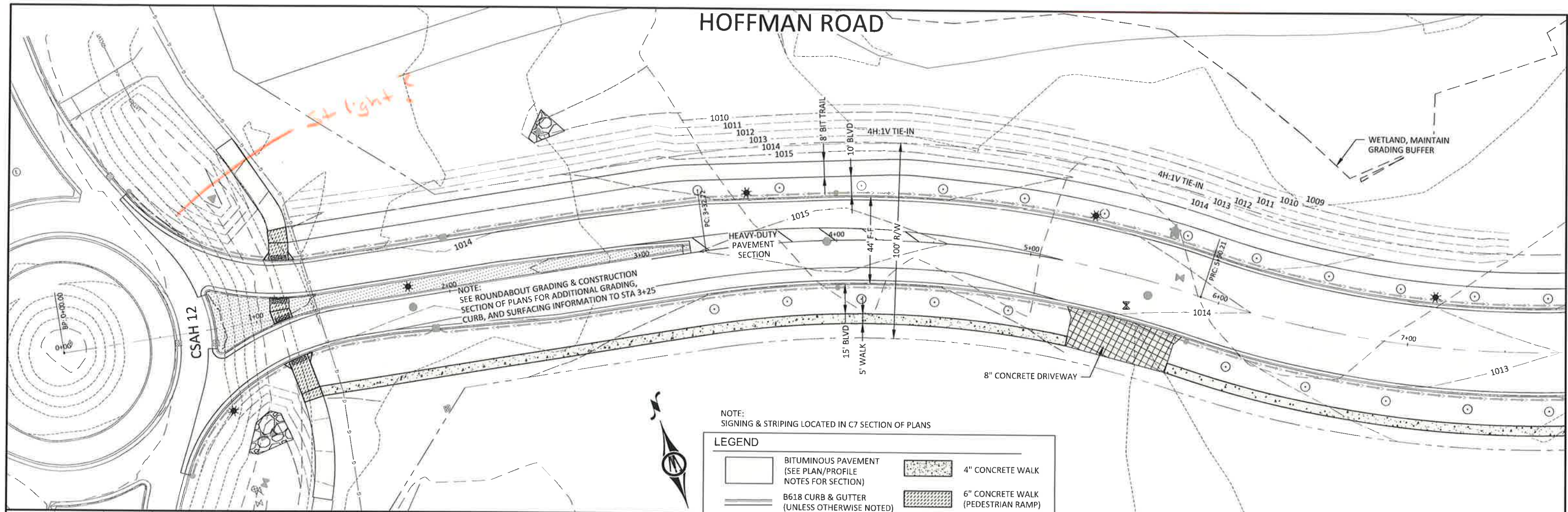
DESIGNED	AWP	NO.	REVISION	DATE
DRAWN	AWP			
CHECKED	NPM			
CLIENT PROJ. NO.	0M1.128460			

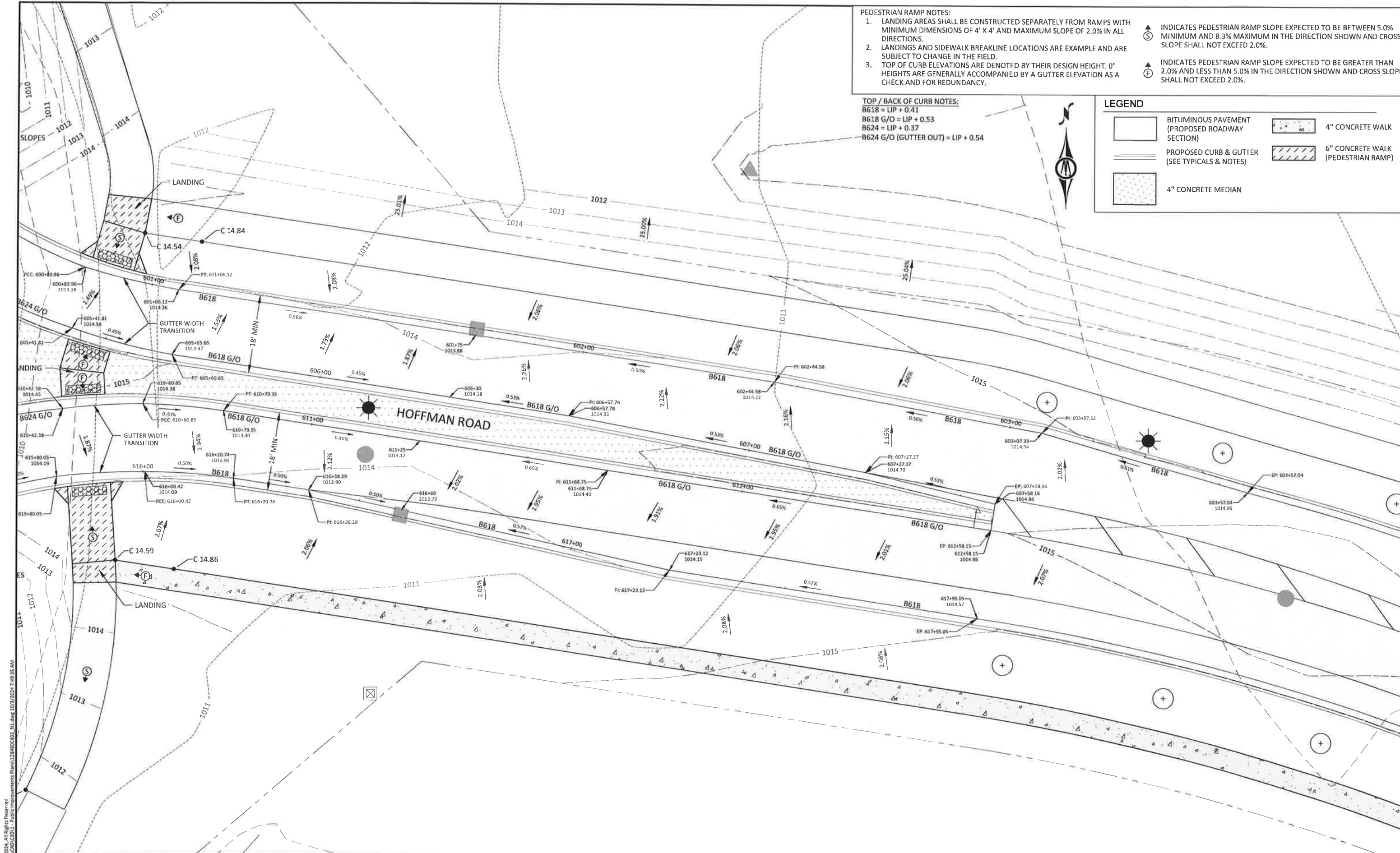
MESENBRINK CONSTRUCTION
HOFFMAN ROAD EXTENSION
TYPICAL SECTIONS

SHEET

C1.01

HOFFMAN ROAD





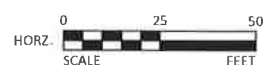
- PEDESTRIAN RAMP NOTES:
1. LANDING AREAS SHALL BE CONSTRUCTED SEPARATELY FROM RAMP WITH MINIMUM DIMENSIONS OF 4' X 4' AND MAXIMUM SLOPE OF 2.0% IN ALL DIRECTIONS.
 2. LANDINGS AND SIDEWALK BREAKLINE LOCATIONS ARE EXAMPLE AND ARE SUBJECT TO CHANGE IN THE FIELD.
 3. TOP OF CURB ELEVATIONS ARE DENOTED BY THEIR DESIGN HEIGHT. 0" HEIGHTS ARE GENERALLY ACCOMPANIED BY A GUTTER ELEVATION AS A CHECK AND FOR REDUNDANCY.
- INDICATES PEDESTRIAN RAMP SLOPE EXPECTED TO BE BETWEEN 5.0% MINIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%.
- INDICATES PEDESTRIAN RAMP SLOPE EXPECTED TO BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%.

TOP / BACK OF CURB NOTES:
B618 = LIP + 0.41
B618 G/O = LIP + 0.53
B624 = LIP + 0.37
B624 G/O (GUTTER OUT) = LIP + 0.54

LEGEND

	BITUMINOUS PAVEMENT (PROPOSED ROADWAY SECTION)		4" CONCRETE WALK
	PROPOSED CURB & GUTTER (SEE TYPICALS & NOTES)		6" CONCRETE WALK (PEDESTRIAN RAMP)
	4" CONCRETE MEDIAN		

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11/11/2024 11:11:11 AM



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ALEC W. PIETZ, P.E.
59617
DATE XX/XX/XXXX



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NPM			
CLIENT PROJECT NO.			
OM11.128460			

MESENBRINK CONSTRUCTION
HOFFMAN ROAD EXTENSION
CSAH 12 ROUNDABOUT - EAST LEG
2 OF 2

SHEET
C6.06

