

PLOTTED/REVISED: 12-JUN-2023

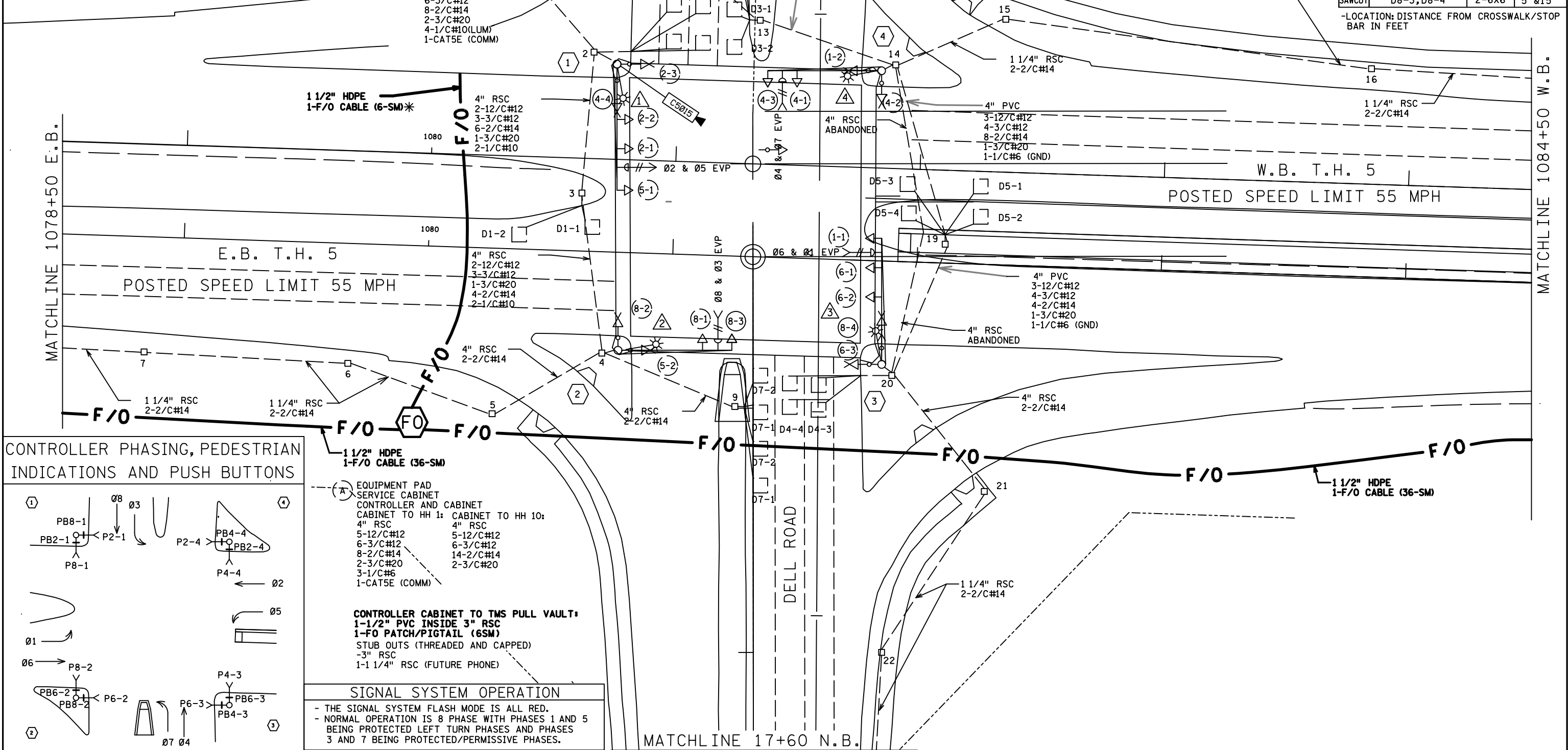
DISTRICT #: Metro
I-PLOT NAME: layout
PATH & FILENAME: Projects\DM_POS\005\0000\Traffic\Signal\46.8 TH5 @ DELL RD 1734973\1734973_sgl.dgn

SIGNAL HEAD CHART					
FACE	R	Y	G	Y	G
1-1,1-2	◀	◀	◀		
2-1,2-2,2-3	○	○	○		
4-1,4-2	○	○	○		
4-3,4-4	○	○	○	◀	◀
5-1,5-2	◀	◀	◀		
6-1,6-2,6-3	○	○	○		
8-1,8-2	○	○	○		
8-3,8-4	○	○	○	◀	◀

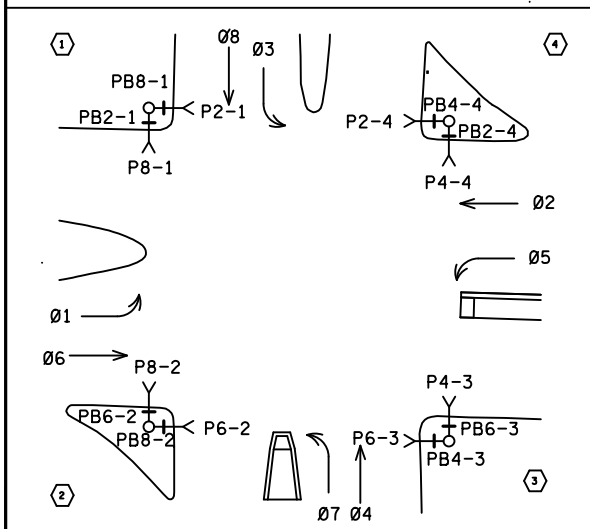
-ALL SIGNAL INDICATIONS ARE 12" LEDS
-ALL SIGNAL FACES HAVE A BACKGROUND SHIELD

LOOP DETECTOR CHART			
TYPE	NUMBER	SIZE (FT)	LOCATION
SAWCUT	D1-1	6X6	5'
SAWCUT	D1-2	6X6	35'
SAWCUT	D2-1,D2-2	6X6	475'
SAWCUT	D3-1,D7-1	2-6X6	20' & 50'
SAWCUT	D3-2,D7-2	2-6X6	5 & 35'
SAWCUT	D4-1,D4-2	6X6	295'
SAWCUT	D4-3,D4-4	2-6X6	5' & 15'
PVC	D5-1,D5-3	6X6	40'
PVC	D5-2,D5-4	6X6	10'
SAWCUT	D6-1,D6-2	6X6	475'
SAWCUT	D8-1,D8-2	6X6	295'
SAWCUT	D8-3,D8-4	2-6X6	5' & 15'

-LOCATION: DISTANCE FROM CROSSWALK/STOP BAR IN FEET



CONTROLLER PHASING, PEDESTRIAN INDICATIONS AND PUSH BUTTONS



(A) EQUIPMENT PAD SERVICE CABINET CONTROLLER AND CABINET CABINET TO HH 10:
 4" RSC 4" RSC
 5-12/C#12 5-12/C#12
 6-3/C#12 6-3/C#12
 8-2/C#14 14-2/C#14
 2-3/C#20 2-3/C#20
 3-1/C#6
 1-CAT5E (COMM)

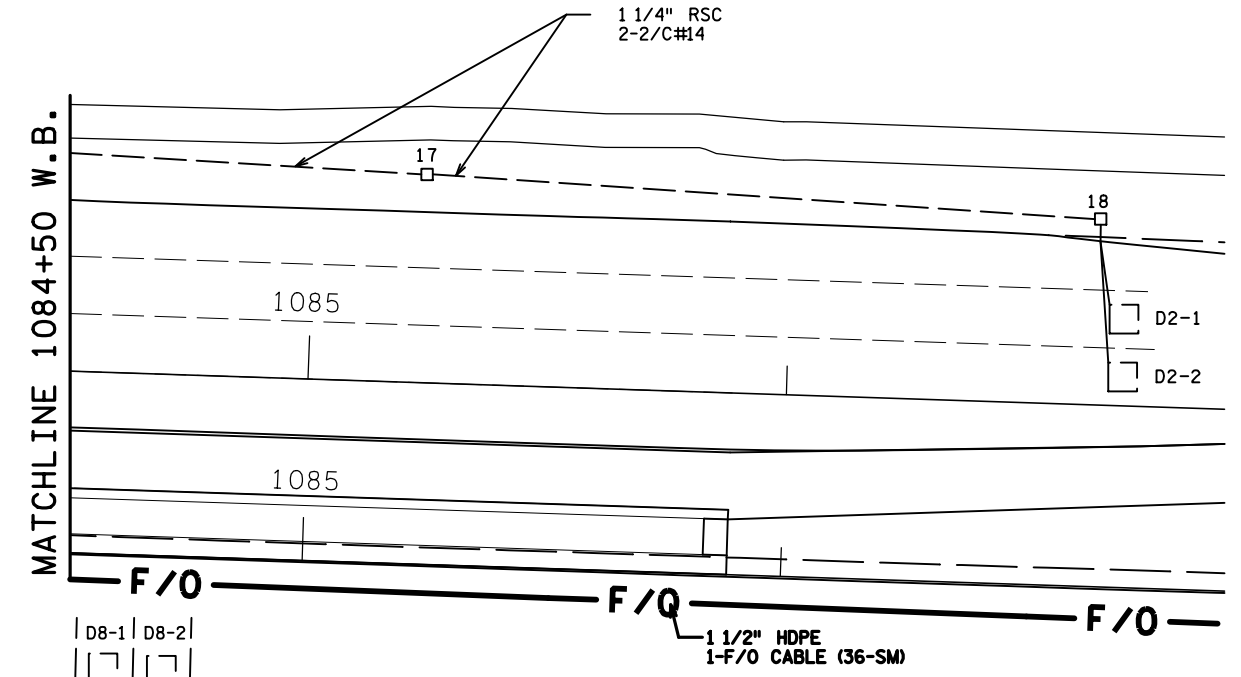
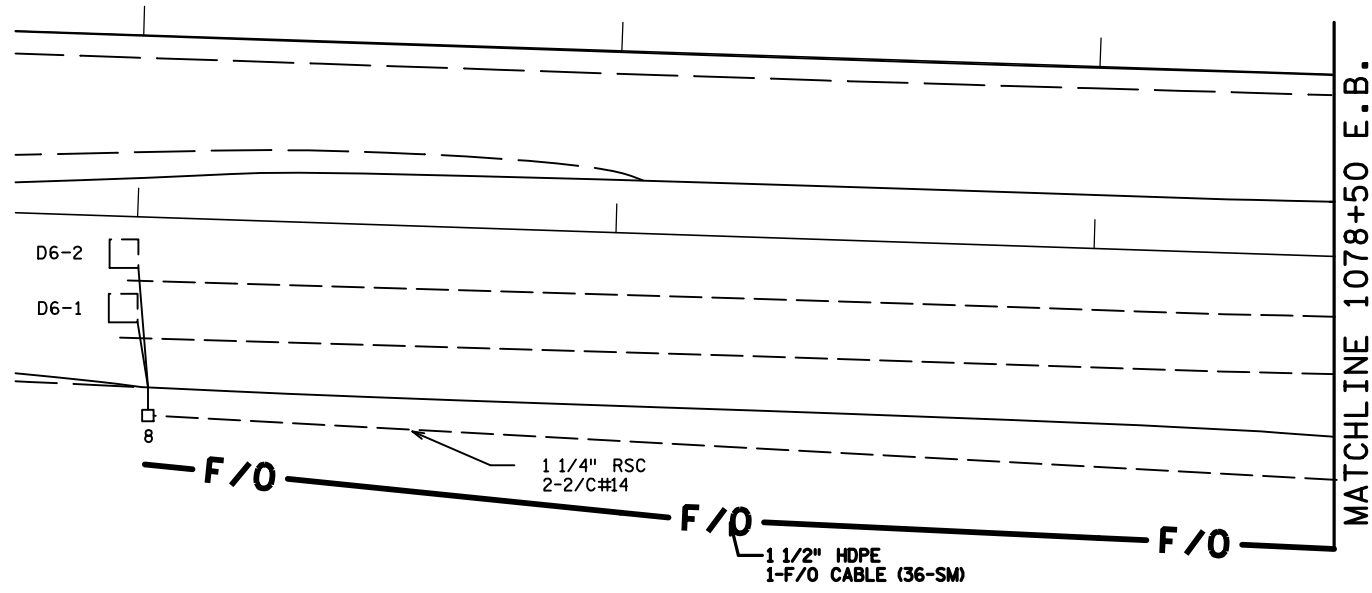
CONTROLLER CABINET TO TMS PULL VAULT:
 1-1/2" PVC INSIDE 3" RSC
 1-F/O PATCH/PIGTAIL (6SM)
 STUB OUTS (THREADED AND CAPPED)
 -3" RSC
 1-1 1/4" RSC (FUTURE PHONE)

SIGNAL SYSTEM OPERATION
 - THE SIGNAL SYSTEM FLASH MODE IS ALL RED.
 - NORMAL OPERATION IS 8 PHASE WITH PHASES 1 AND 5 BEING PROTECTED LEFT TURN PHASES AND PHASES 3 AND 7 BEING PROTECTED/PERMISSIVE PHASES.

BY	DATE	REVISIONS	SYSTEM ID: 1734973 T.E.	INTERSECTION LAYOUT T.H. 5 AT DELL ROAD IN CHANHASSAN AND EDEN PRAIRIE HENNEPIN COUNTY	S.A.P. NO.	DRAWN BY: MAS	CKD BY: CDB	DATE: 11/9/12
EJA	1-27-15	AS-BUILT OF SP 1002-98 FIBER & CAMERA	METER ADDRESS: 18400 W. 78TH ST.		CERTIFIED BY _____	LICENSED PROFESSIONAL ENGINEER	LIC. NO. _____	DATE: 11/9/12
SJK	06/12/23	PTZ CAMERA UPGRADE SP 8825-890	MASTER ID: 21870 T.E.		STATE PROJ. NO.	(T.H. 5)	SHEET NO. 1 OF 3 SHEETS	

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DISTRICT #: Metro
 IPLOT NAME: match lines and pole notes
 PATH & FILENAME: Projects\DM_POS\005\0000\Traffic\Signals\46.8 TH5 @ DELL RD 1734973\1734973_sgl.dgn

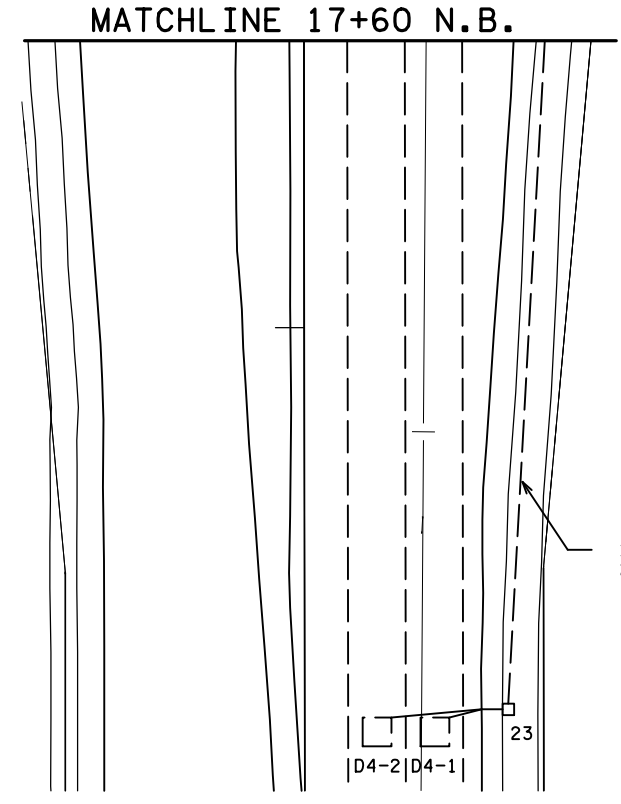
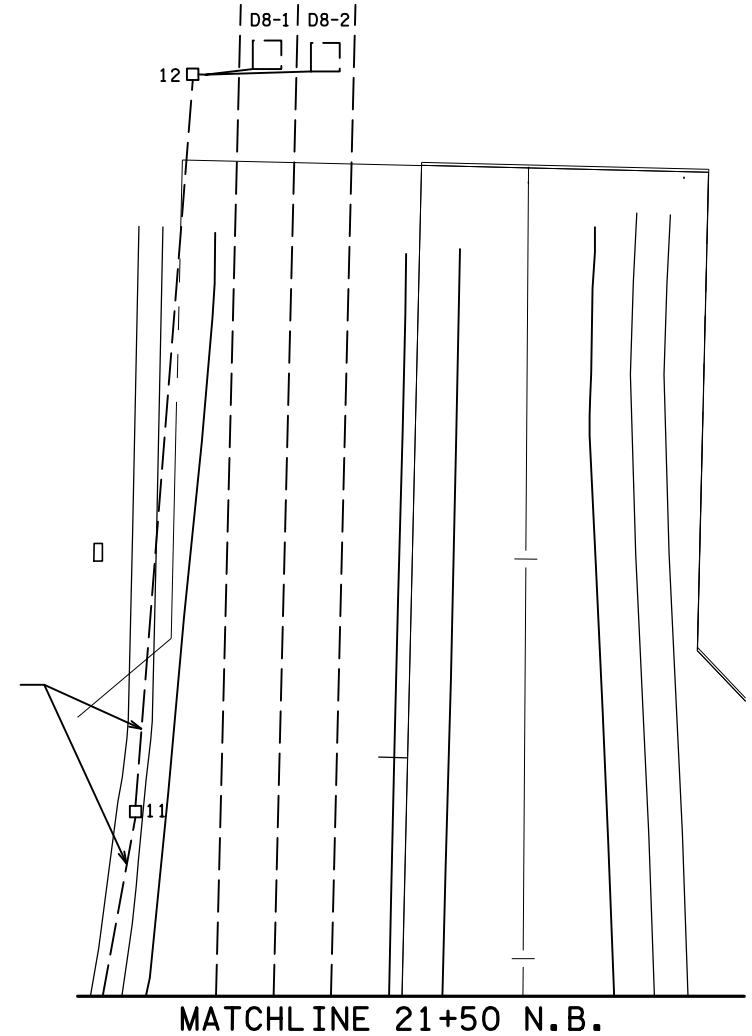


1 A100 POLE FOUNDATION
 TYPE A100-A-45-X6-350/CAM 400(AT 350 DEG)
 LUMINAIRE - 200 WATT HPS
 1-PTZ CAMERA (C5015)
 3-ONE WAY SIGNALS OVERHEAD
 2-TYPE 10B AT 0 AND 270 DEG
 2-PED PBS AND SIGNS
 5' MAST ARM EXTENSION
 EXTEND INTO HH 2:
 3" RSC
 2-12/C#12
 3-3/C#12
 1-3/C#20
 2-1/C#10(LUM)
 1-7/16" GROUNDING BRAID TO GROUND ROD IN HH 2:
 1-CAT5E (COMM)

3 A100 POLE FOUNDATION
 TYPE A100-A-50-D40-9(DAVIT AT 350 DEG)
 LUMINAIRE - 200 WATT HPS
 3-ONE WAY SIGNALS OVERHEAD AT 0', 12' AND 24'
 2-TYPE 10B AT 0 AND 270 DEG
 2-PED PBS AND SIGNS
 EXTEND INTO HH 20:
 3" RSC
 3-12/C#12
 4-3/C#12
 1-3/C#20

2 A100 POLE FOUNDATION
 TYPE A100-A-45-D40-9(DAVIT AT 350 DEG)
 LUMINAIRE - 200 WATT HPS
 2-ONE WAY SIGNALS OVERHEAD AT 0' AND 12'
 2-TYPE 10B AT 0 AND 270 DEG
 2-PED PBS AND SIGNS
 R10-12 SIGN ADJACENT TO HEAD 8-3
 EXTEND INTO HH 4:
 3" RSC
 2-12/C#12
 3-3/C#12
 1-3/C#20
 2-1/C#10

4 A100 POLE FOUNDATION
 TYPE A100-A-45-D40-9(DAVIT AT 350 DEG)
 LUMINAIRE - 200 WATT HPS
 2-ONE WAY SIGNALS OVERHEAD AT 0' AND 12'
 2-TYPE 10B AT 0 AND 270 DEG
 2-PED PBS AND AND SIGNS
 R10-12 SIGN ADJACENT TO HEAD 4-3
 EXTEND INTO HH 14:
 3" RSC
 2-12/C#12
 3-3/C#12
 1-3/C#20
 2-1/C#10



BY	DATE	REVISIONS
EJA	1-27-15	AS-BUILT OF SP 1002-98 FIBER & CAMERA
SJK	06/12/23	PTZ CAMERA UPGRADE

SYSTEM ID: 1734973 T.E.
 METER ADDRESS: 18400 W. 78TH ST.
 MASTER ID: 21870 T.E.

MATCHLINE LAYOUT AND POLE NOTES
 T.H. 5 AT DELL ROAD
 IN CHANHASSEN AND EDEN PRAIRIE
 HENNEPIN COUNTY

S.A.P. NO.	DRAWN BY: MAS	CKD BY: CDB	DATE: 11/9/12
CERTIFIED BY _____	LIC. NO. 19863	DATE: 11/9/12	
STATE PROJ. NO.	(T.H. 5)	SHEET NO. 2 OF	3 SHEETS

