
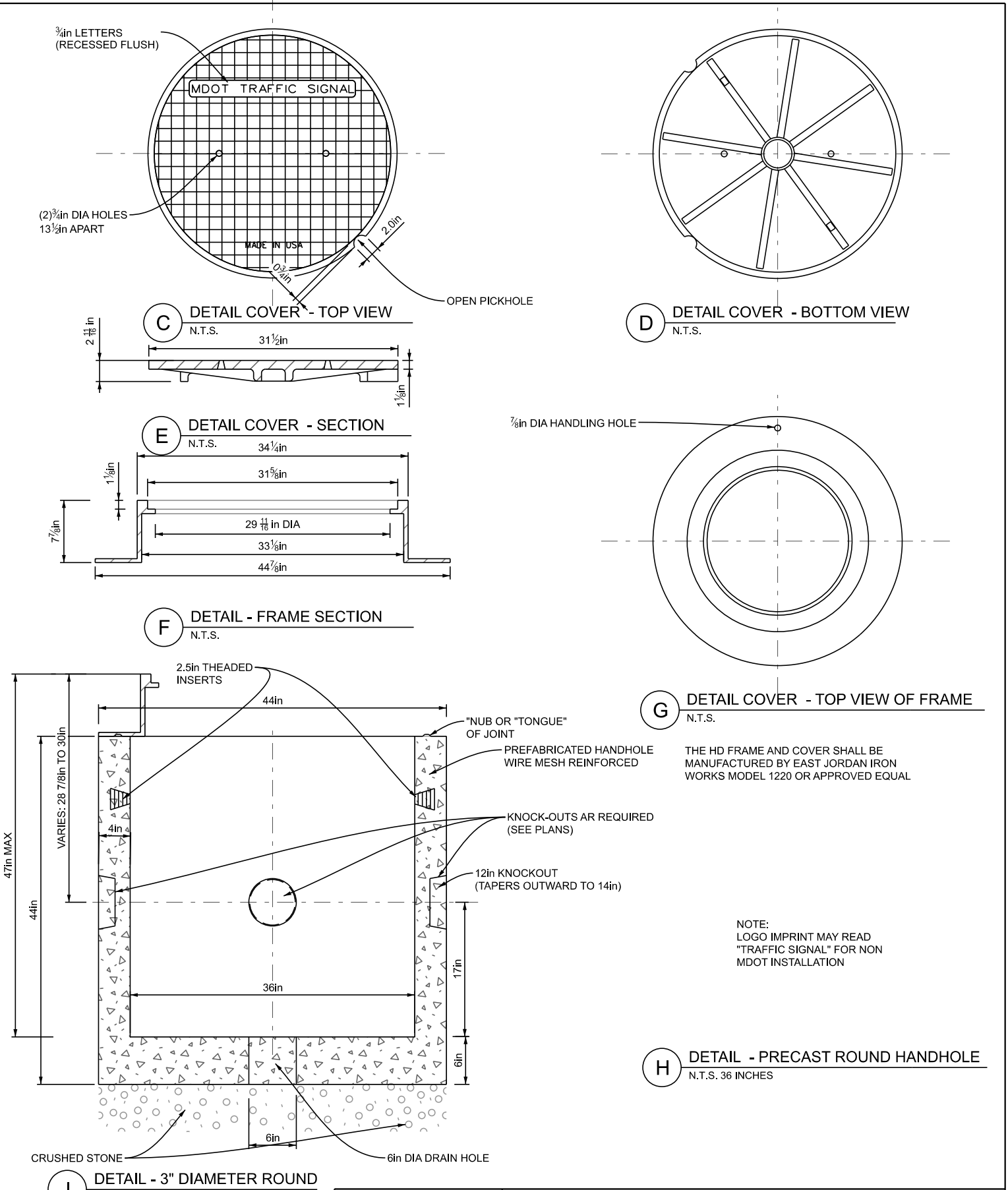

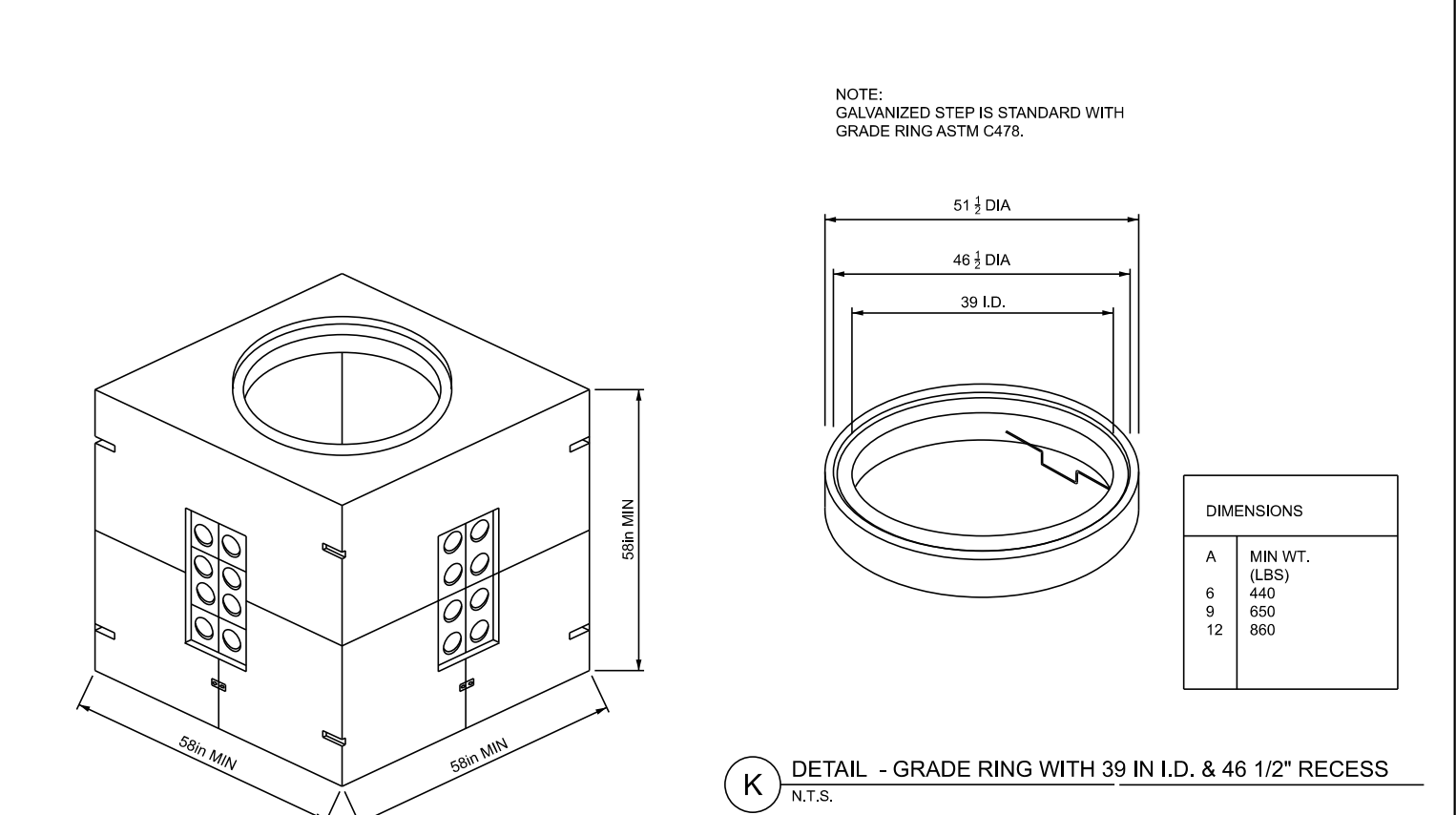


APPROVED BY: _____ DIRECTOR, BUREAU OF FIELD SERVICES		 Michigan Department of Transportation		STANDARD PLAN FOR HANDHOLE - PRECAST POLYMER CONCRETE		
APPROVED BY: _____ DIRECTOR, BUREAU OF DEVELOPMENT		DEPARTMENT DIRECTOR BRADLEY C. WIEFERICH, PE		(SPECIAL DETAIL) FHWA APPROVAL	07/06/23 PLAN DATE	SHEET 1 OF 6



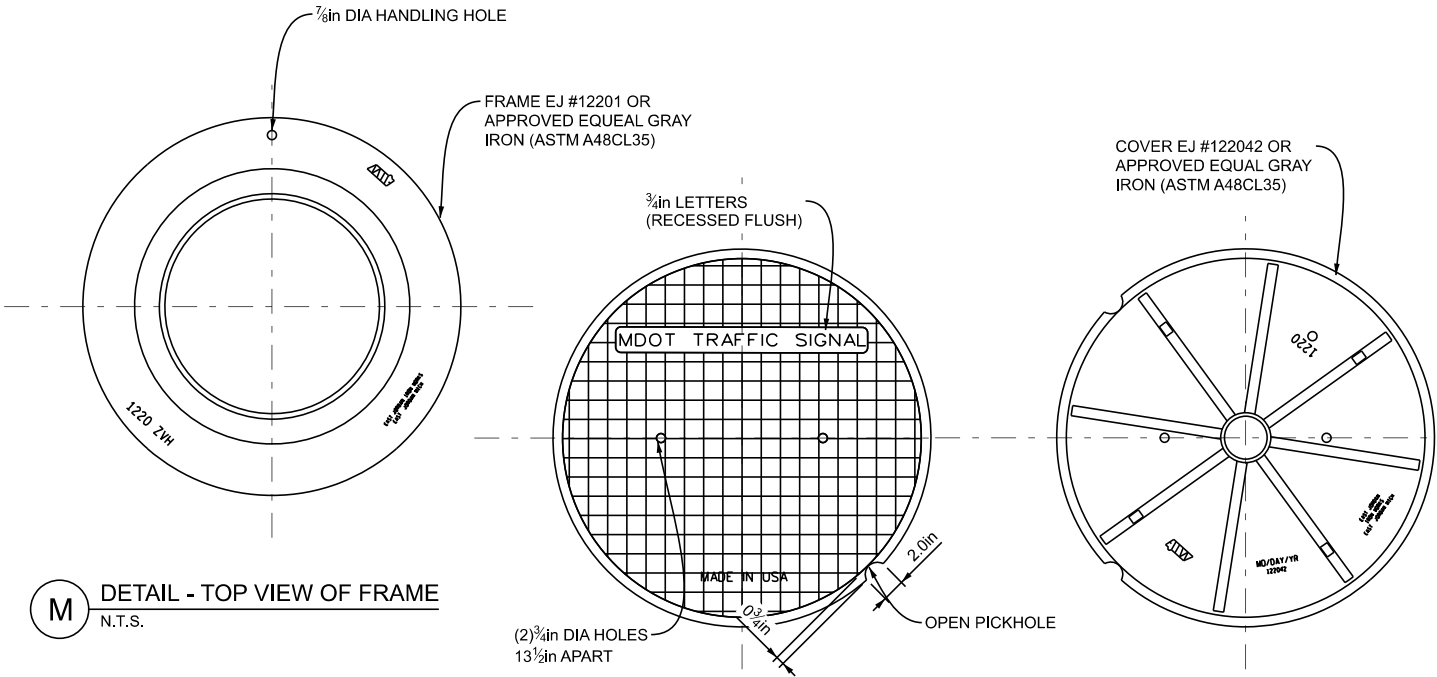
APPROVED BY: _____ DIRECTOR, BUREAU OF FIELD SERVICES		 Michigan Department of Transportation		STANDARD PLAN FOR HANDHOLE - PRECAST POLYMER CONCRETE		
APPROVED BY: _____ DIRECTOR, BUREAU OF DEVELOPMENT		DEPARTMENT DIRECTOR BRADLEY C. WIEFERICH, PE		(SPECIAL DETAIL) FHWA APPROVAL	07/06/23 PLAN DATE	SHEET 2 OF 6



- | | LENGTH | WIDTH | HEIGHT |
|--------------------------|--------|-------|--------|
| INSIDE | 48 | 48 | 48 |
| OUTSIDE | 58 | 58 | 58 |
| RECOMMENDED
HOLE SIZE | 82 | 82 | — |

DETAIL - 4FT X 4FT X 4FT PRECAST CONCRETE HANDHOLE
N.T.S.

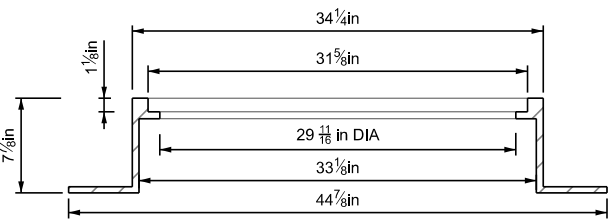
NOTE:
LOGO IMPRINT IT ON COVER SHALL
READ "MDOT TRAFFIC SIGNAL" FOR
MDOT INSTALLATIONS



M DETAIL - TOP VIEW OF FRAME
N.T.S.

N DETAIL - TOP VIEW OF COVER
N.T.S.

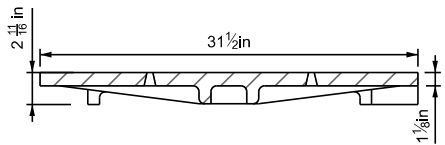
O DETAIL - BOTTOM VIEW OF COVER
N.T.S.



P DETAIL - MANHOLE FRAME
N.T.S. FRAME SECTION (HEAVY DUTY)

NOTE:
MACHINED SURFACE

ESTIMATED WEIGHT 410 LBS




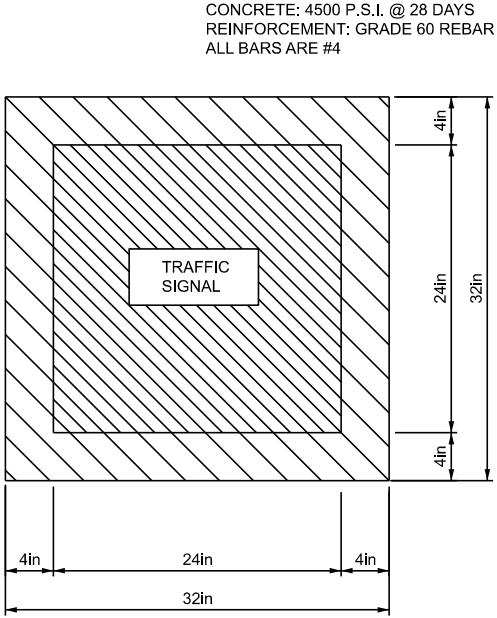
Q DETAIL - MANHOLE COVER
N.T.S. COVER SECTION (HEAVY DUTY)

NOTE:
MACHINED SURFACE

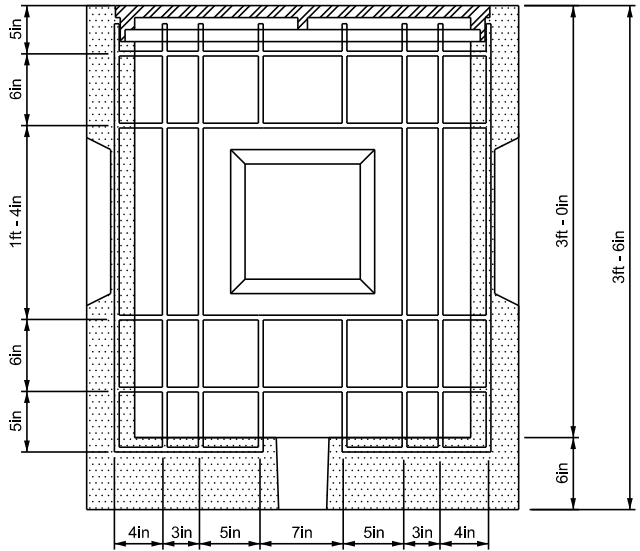
ESTIMATED WEIGHT 245LBS

R DETAIL - 4FT X 4FT X 4FT PRECAST CONCRETE HANDHOLE
N.T.S.

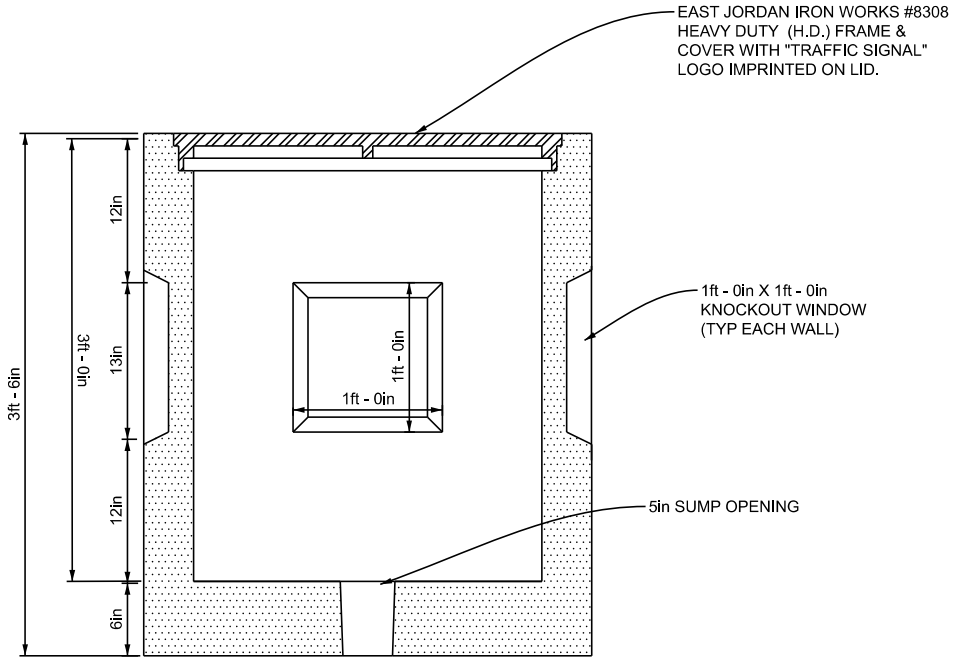
 Michigan Department of Transportation	STANDARD PLAN FOR HANDHOLE - PRECAST POLYMER CONCRETE			
	(SPECIAL DETAIL)	07/06/23	SIG-240-A	SHEET 5 OF 6
	FHWA APPROVAL	PLAN DATE		




S DETAIL - PLAN VIEW
N.T.S.



T DETAIL - SECCION VIEW
N.T.S. TYP REINFORCEMENT ALL WALLS



U DETAIL - SECTION VIEW
N.T.S.

 Michigan Department of Transportation	STANDARD PLAN FOR HANDHOLE - PRECAST POLYMER CONCRETE			
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