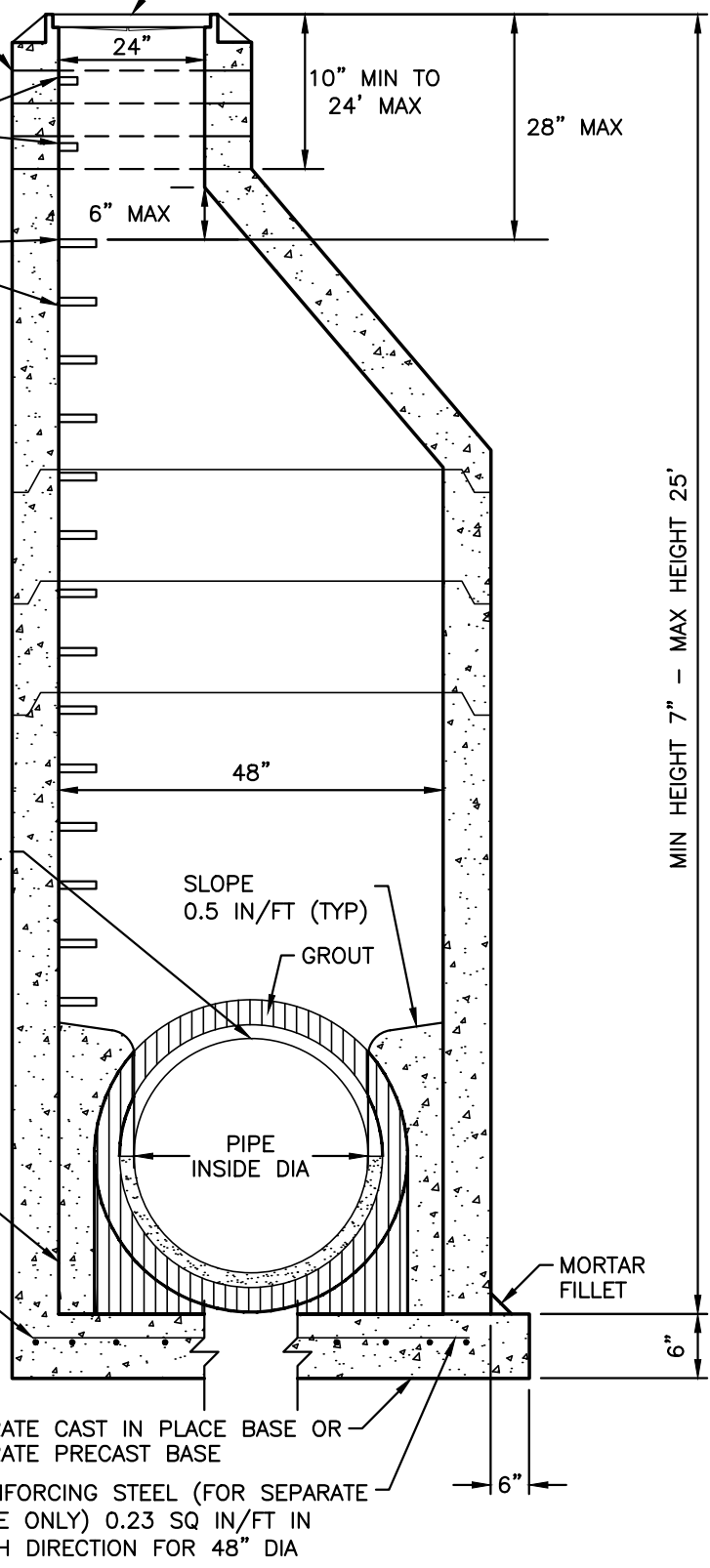


2"-6" CONCRETE RISERS USING NON-SHRINK GROUT, PROVIDE SMOOTH FINISH INSIDE AND OUT

2 HANDHOLDS SEE COE STD DTL GU-423

POLYPROPYLENE SAFETY STEP/LADDER 12" OC

MH FRAME AND COVER PER COE STD DTL GU-420



NOTES:

1. SADDLE MANHOLE MAY ONLY BE USED WHEN PLACING A NEW MANHOLE OVER AN EXISTING MAIN. SIZE, LOCATION, AND ANGLE MUST BE AS REQUIRED BY PLANS.
2. OPENINGS IN PRECAST UNITS ARE TO BE 4" MINIMUM TO 8" MAXIMUM LARGER THAN THE OUTSIDE DIAMETER OF THE EXISTING AND PROPOSED PIPES.
3. CONSTRUCT BENCH AND INVERT TO ALLOW SMOOTH TRANSITION OF FLOW.

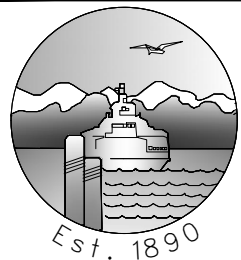
REMOVE TOP OF PIPE INSIDE MH TO CHANNEL

CONSTRUCT CHANNEL AND SHELF TO THE CROWN OF THE PIPE

REINFORCING STEEL (FOR PRECAST BASE WITH INTEGRAL RISER) 0.15 SQ IN/FT IN EACH DIRECTION FOR 48"

SEPARATE CAST IN PLACE BASE OR SEPARATE PRECAST BASE

REINFORCING STEEL (FOR SEPARATE BASE ONLY) 0.23 SQ IN/FT IN EACH DIRECTION FOR 48" DIA



CITY OF EDMONDS
PUBLIC WORKS
DEPARTMENT

**48" SADDLE MH
FOR 24" AND SMALLER
PIPE**

APPROVED BY: R. ENGLISH

REVISION DATE
OCTOBER 2021

STANDARD
DETAIL
GU-422