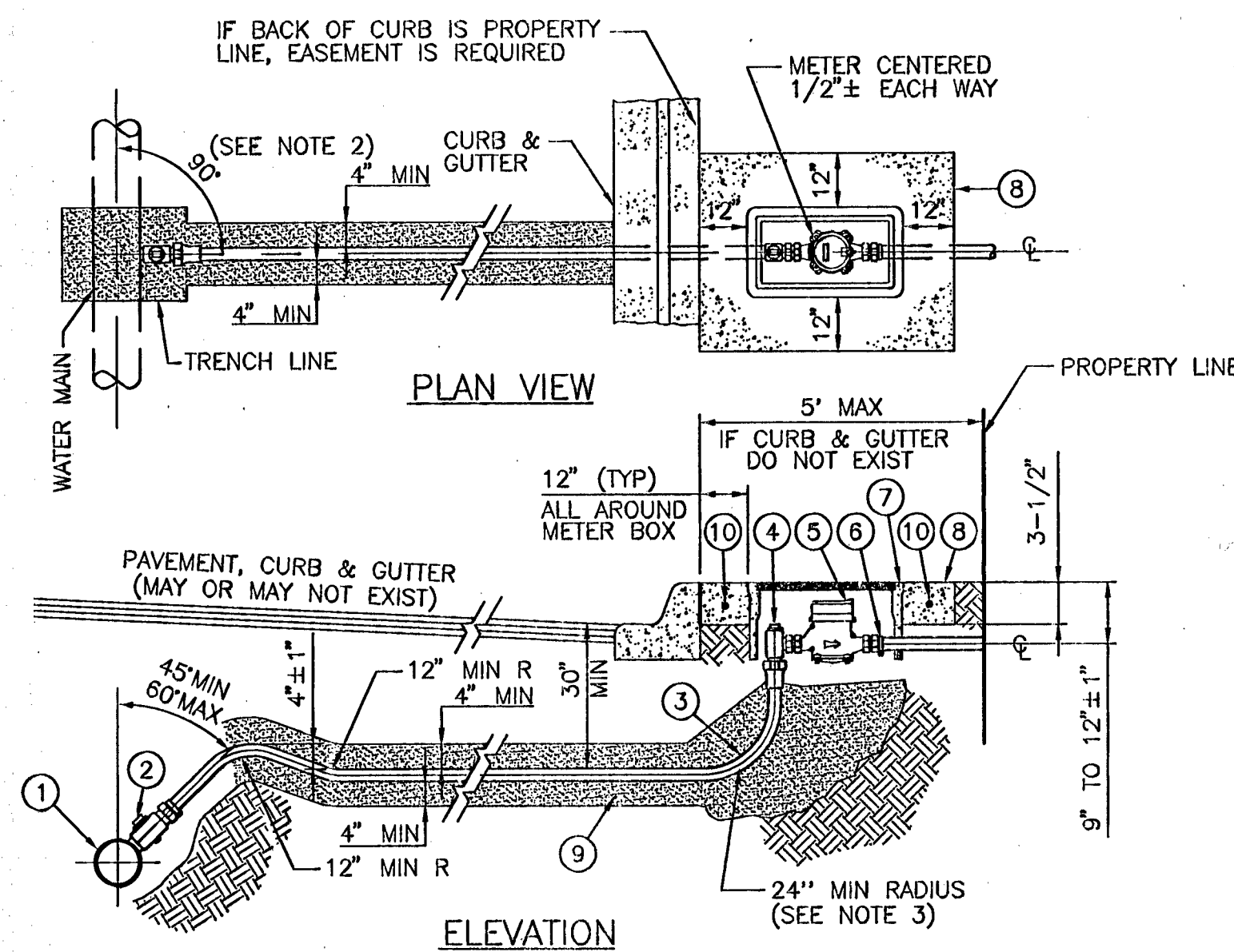
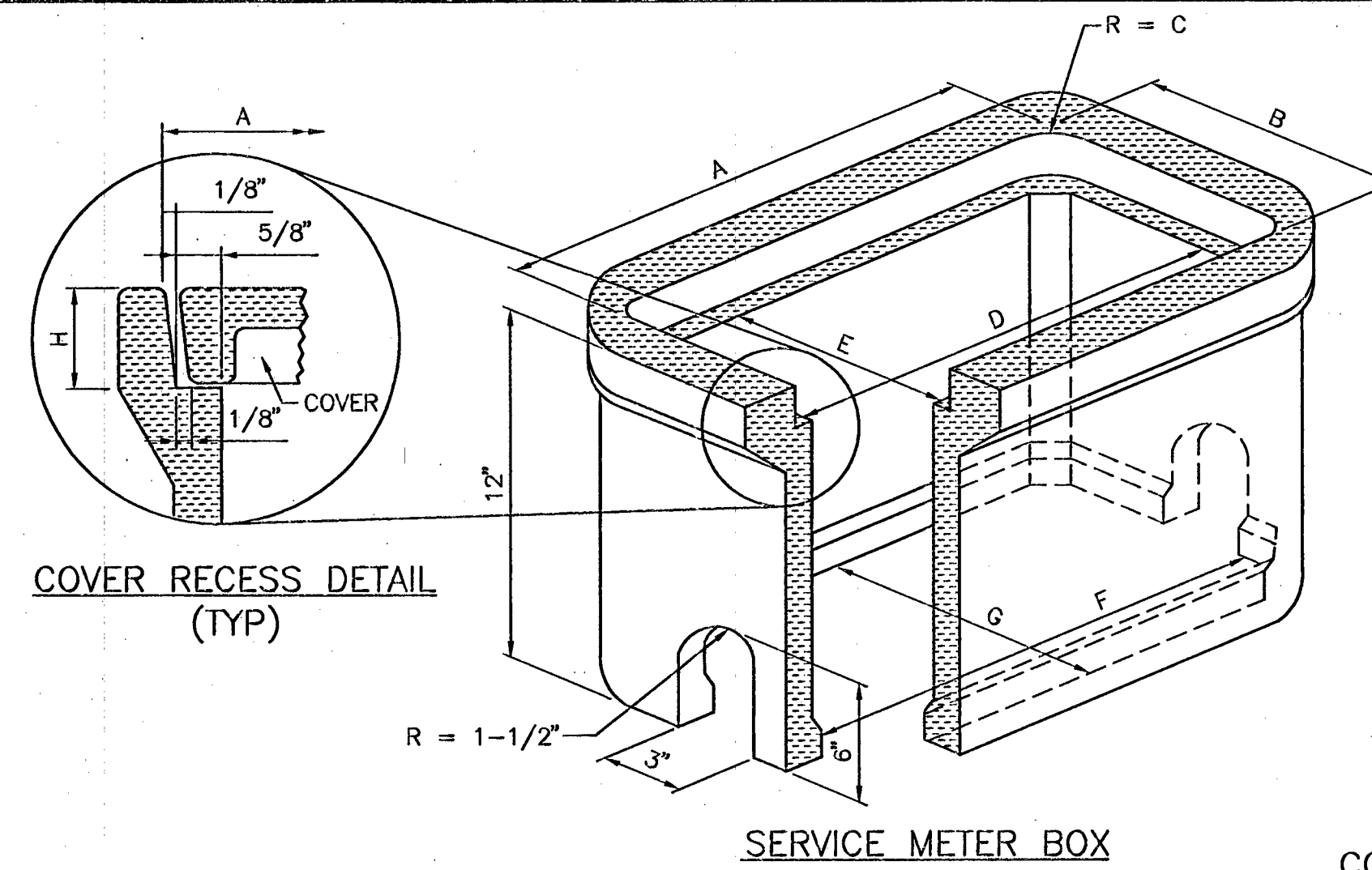




NEW SERVICE INSTALLATION WITH 1" METER
NOT TO SCALE

1
CD2
C2

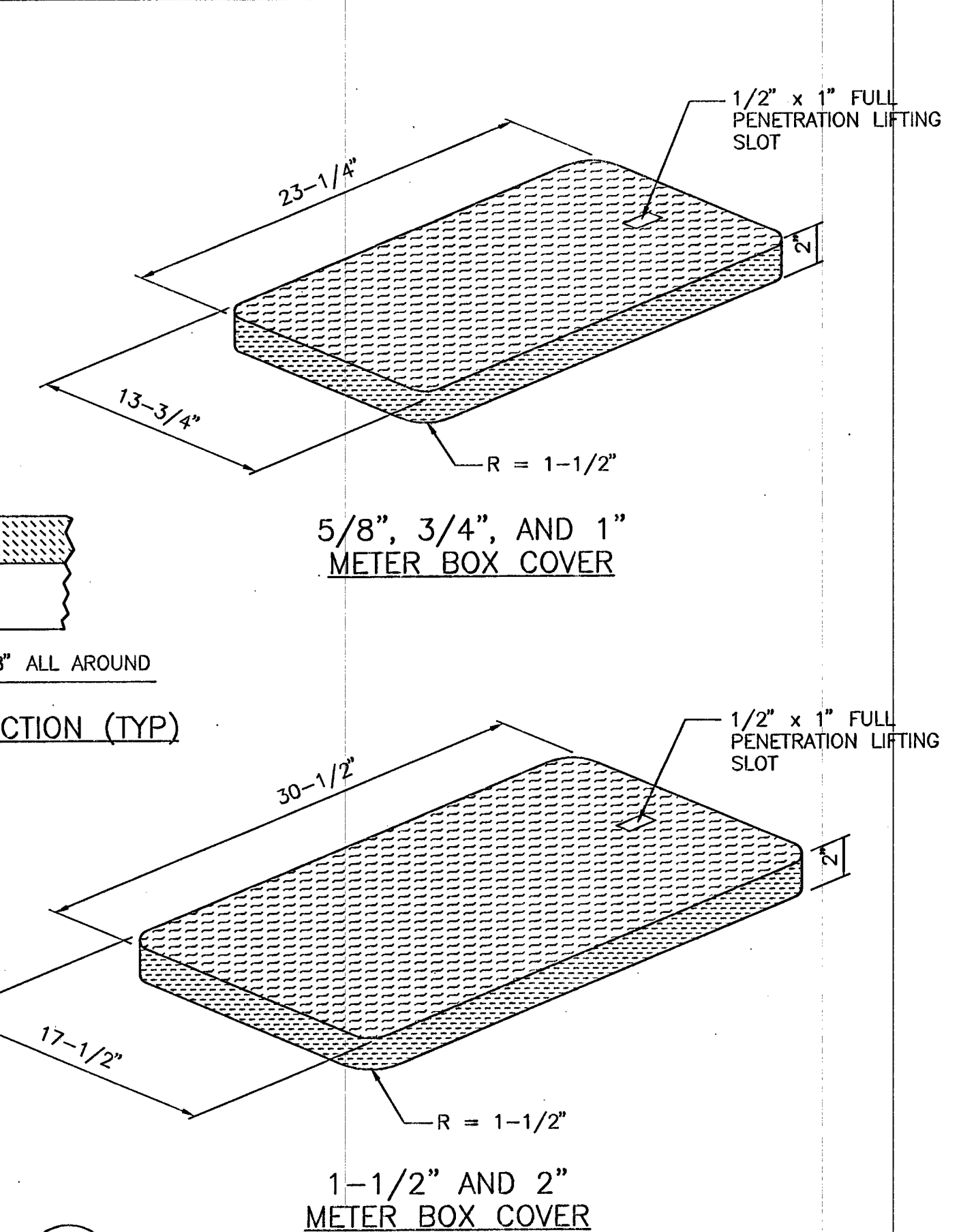
- LEGEND**
- SERVICE SADDLE
 - CORPORATION STOP
 - SERVICE LATERAL, SIZE TO MATCH METER (1" MIN.)
 - BALL ANGLE METER STOP TO MATCH METER SIZE (1" x 1" MIN) WITH LOCK WING AND WITHOUT LEVER HANDLE. FOR ALL 5/8" AND 3/4" METERS USE A 1" x 3/4" ADAPTOR.
 - DISPLACEMENT TYPE WATER METER, DISTRICT APPROVED AND SUPPLIED, CONTRACTOR INSTALLED.
 - TAIL PIECE COUPLING. (EXTEND TO PROPERTY LINE)
 - METER BOX INSTALLED AS NEAR TO FUTURE FINAL GRADE POSSIBLE. (1" TYPICAL MINIMUM)
 - FORMED CONCRETE COLLAR. 12" AROUND IF NO SIDEWALK.
 - SAND BACKFILL FULL WIDTH OF TRENCH.
 - #4 REBAR IN CONCRETE COLLAR IF NO SIDEWALK.
- NOTES**
- ONE ADDITIONAL FLARED COUPLING, OR COMPRESSION COUPLING IS ALLOWED BETWEEN THE CORPORATION STOP, AND THE ANGLE METER STOP IF THE TOTAL LATERAL LENGTH IS GREATER THAN 40'.
 - CUL-DE-SAC SERVICE LATERALS MUST FOLLOW THE MOST DIRECT ROUTE POSSIBLE BETWEEN SERVICE SADDLE AND ANGLE METER STOP, HORIZONTAL BENDING RADIUS ALLOWED FOR 1" TUBING IS 12" MIN. AND 24" MIN. FOR 1-1/2" AND 2" TUBING. MAXIMUM DEFLECTION ANGLE ALLOWED IS 90°.
 - IF A 24" MIN. RADIUS CAN NOT BE MAINTAINED AN APPROPRIATE SIZE 90° COMPRESSION OR FLARED CONNECTION SHOULD BE USED.
 - FLUSH LATERAL PRIOR TO SETTING METER.
 - ALL METERS SHALL BE LOCATED IN EXISTING OR FUTURE SIDEWALK AREA.
 - INSTALL SAND BACKFILL AROUND WATER SERVICE LATERAL PRIOR TO INSTALLATION OF TRENCH BACKFILL WHEN CLSM OPTION IS USED OR REQUIRED.
 - ALL COPPER TUBING SHALL BE WRAPPED WITH TWO LAYERS OF SIX (6) MIL POLYETHYLENE AND BACKFILLED ALL AROUND WITH 4" MINIMUM OF SAND.



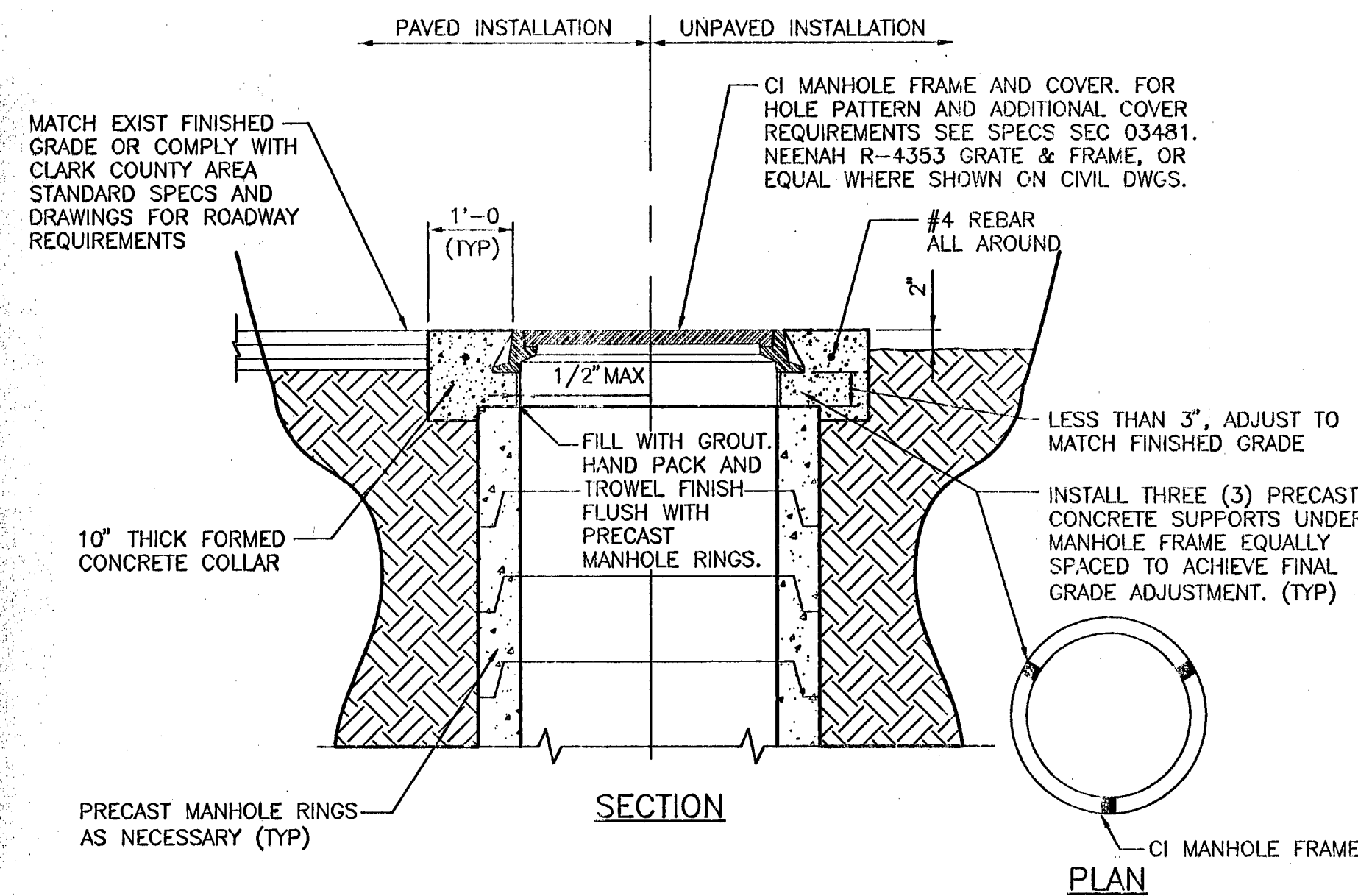
METER BOX SIZE	A	B	C	D	E	F	G	H
5/8", 3/4", 1"	23-3/8"	13-7/8"	1-5/8"	20" MIN	11" MIN	20" MIN	11" MIN	2"

- NOTES:**
- ALL SERVICE METER BOX COVERS SHALL BE LOAD RATED FOR WHEEL LOADS PER SPECS SEC 03481.
 - ALL DIMENSION TOLERANCES $\pm 1/8"$
 - BOTTOM OF COVER TO BE LEVEL ALL AROUND
 - COVER SHALL BE MARKED "WATER"
 - SHOW MANUFACTURE'S NAME ON TOP OF COVER
 - CONTRACTOR TO SUBMIT SHOP DRAWING FOR METER BOX USING ABOVE DETAIL FOR METER BOX SPECIFICATIONS

METER BOX DETAIL
NOT TO SCALE



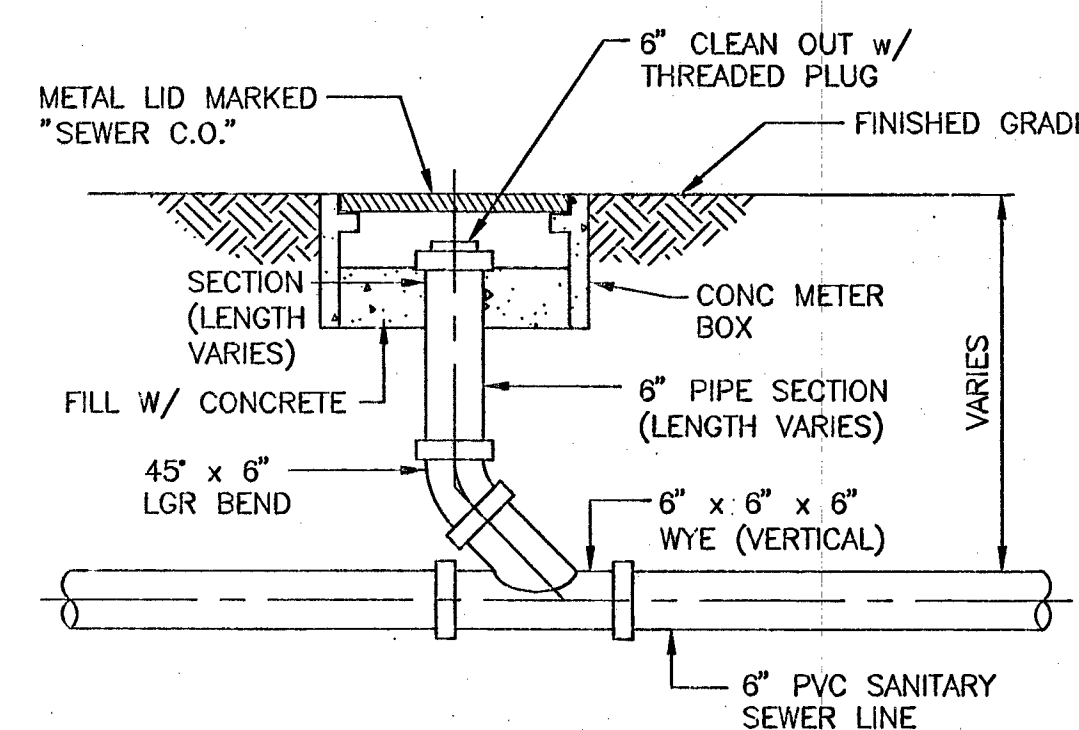
2
CD2
C2



NOTE:
INSTALL MANHOLE STEPS PER USDOCA DWG NO. 410

MANHOLE COVER AND COLLAR INSTALLATION
NOT TO SCALE

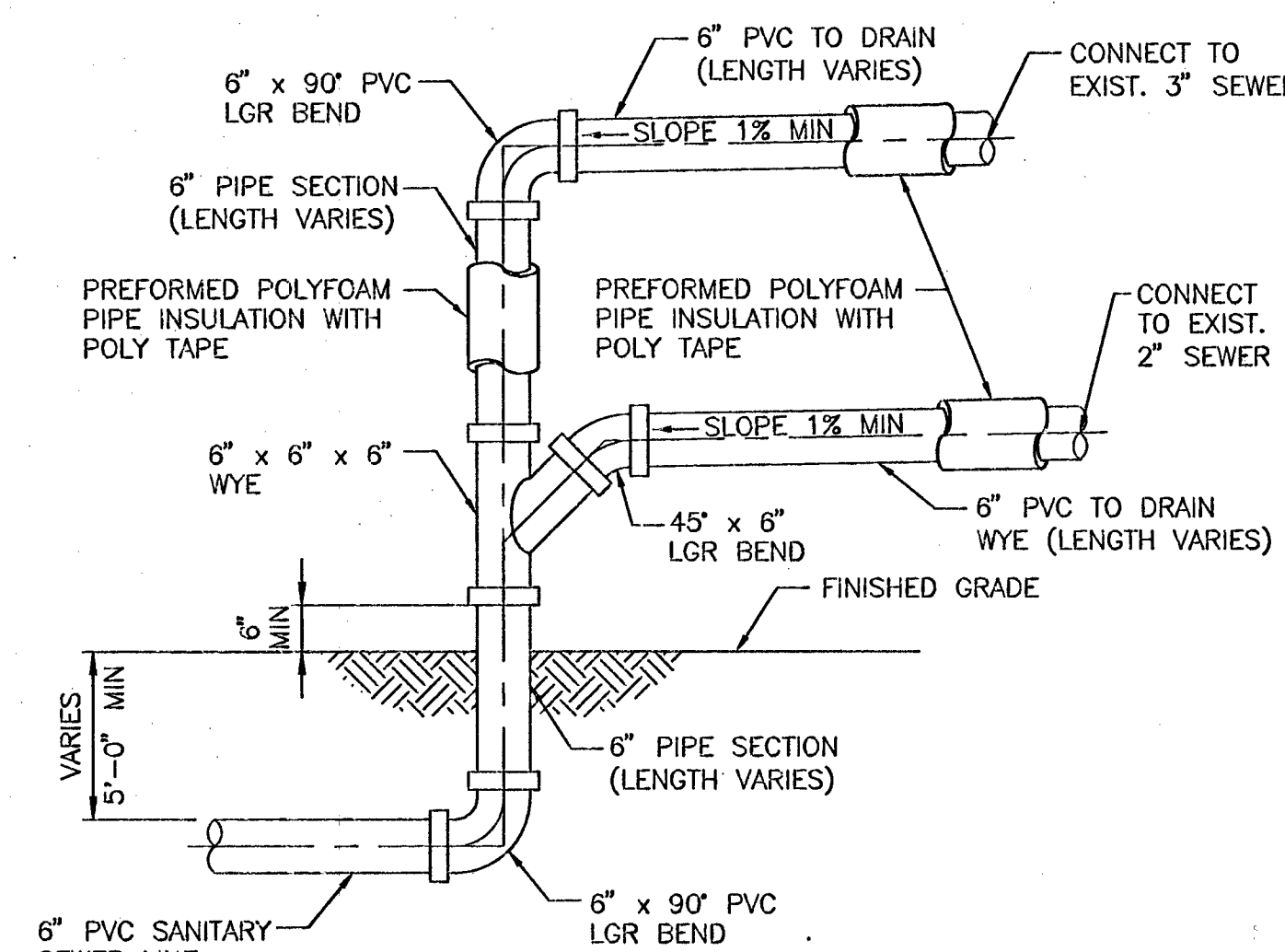
3
CD2
C2



NOTE:
ALL JOINTS TO BE RESTRAINED.

SEWER CLEANOUT DETAIL
NOT TO SCALE

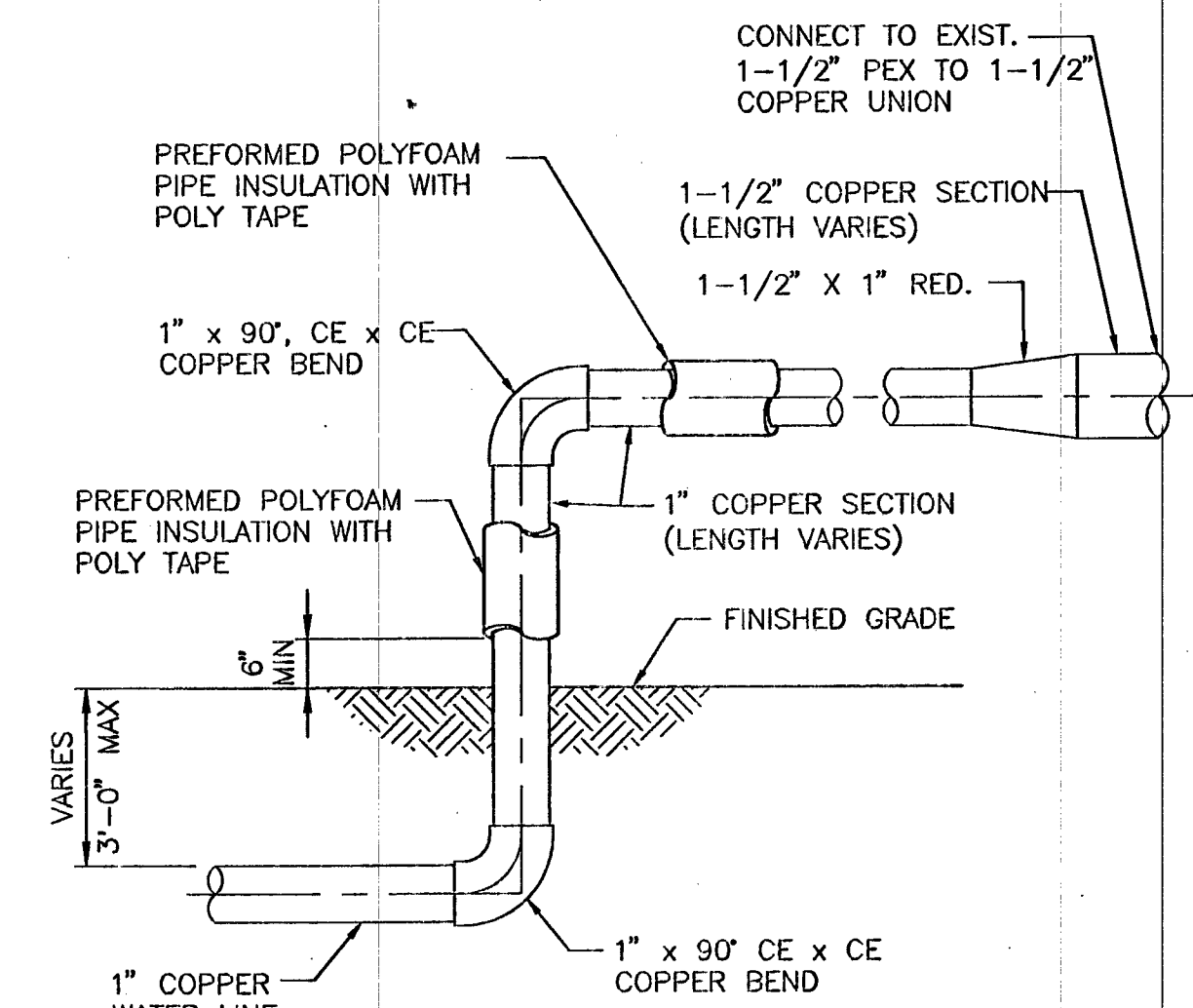
4
CD2
C2



NOTE:
ALL JOINTS TO BE RESTRAINED.

SEWER CONNECTION DETAIL
NOT TO SCALE

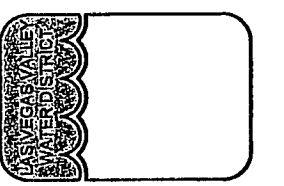
5
CD2
C2



WATER CONNECTION DETAIL
NOT TO SCALE

6
CD2
C2

**LAS VEGAS VALLEY
WATER DISTRICT**
1001 S. VALLEY VIEW BOULEVARD
LAS VEGAS, NEVADA 89153
(702) 870-2011

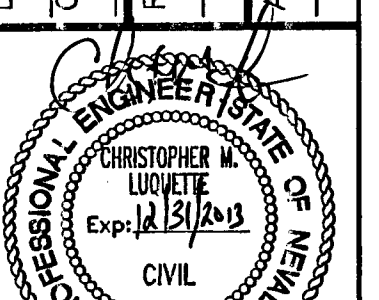


VERIFY SCALE
1/2" 1" 1 1/2"
BAR REPRESENTS
ONE AND ONE-HALF
INCHES ON ORIGINAL

**SPRINGS PRESERVE SOLAR HOUSE
SITE INFRASTRUCTURE**

SITE WORK DETAILS II

DRAWN BY: TUAN M. NGUYEN
CHECKED BY: CHRISTOPHER M. LUQUETTE
RECOMMENDED BY: LUQUETTE
JOSEPH Y. LIN
ACCEPTED BY: PETER J. JAUCH
DATE: 12/18/23
DATE: 12/18/23



CONTRACT NUMBER
C1387
DRAWING NUMBER CD2
SHEET 11 OF 18



#5223

CLV DWG # 565-485