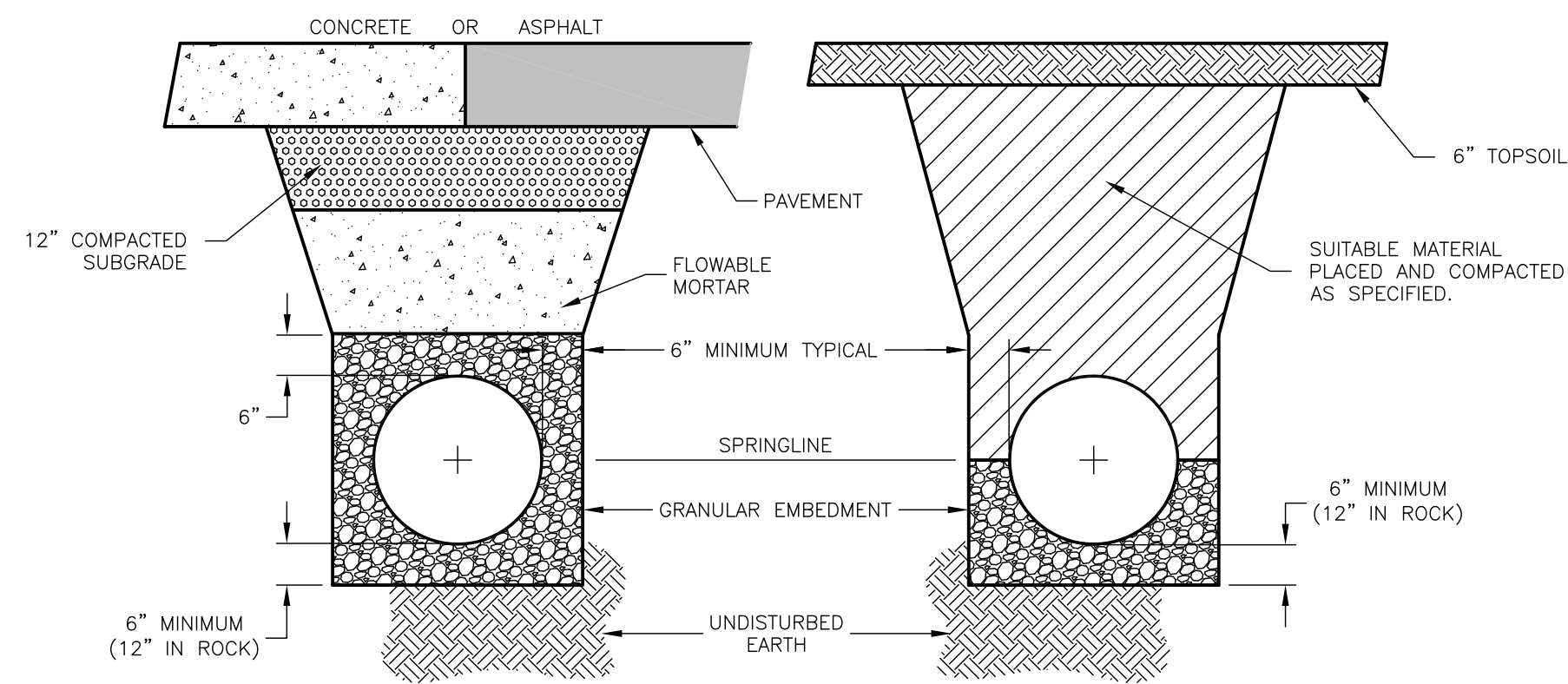
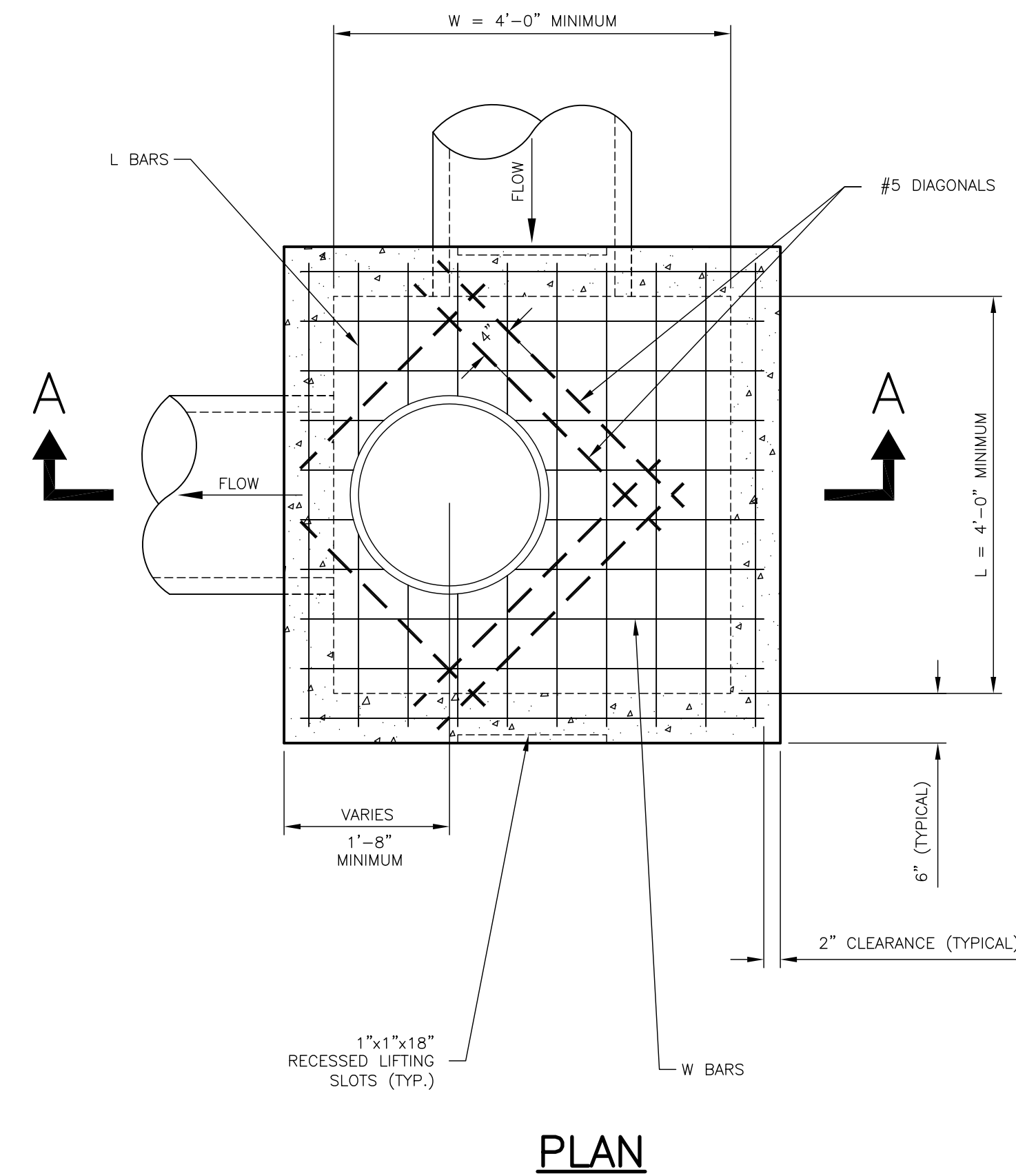


**NOTES**

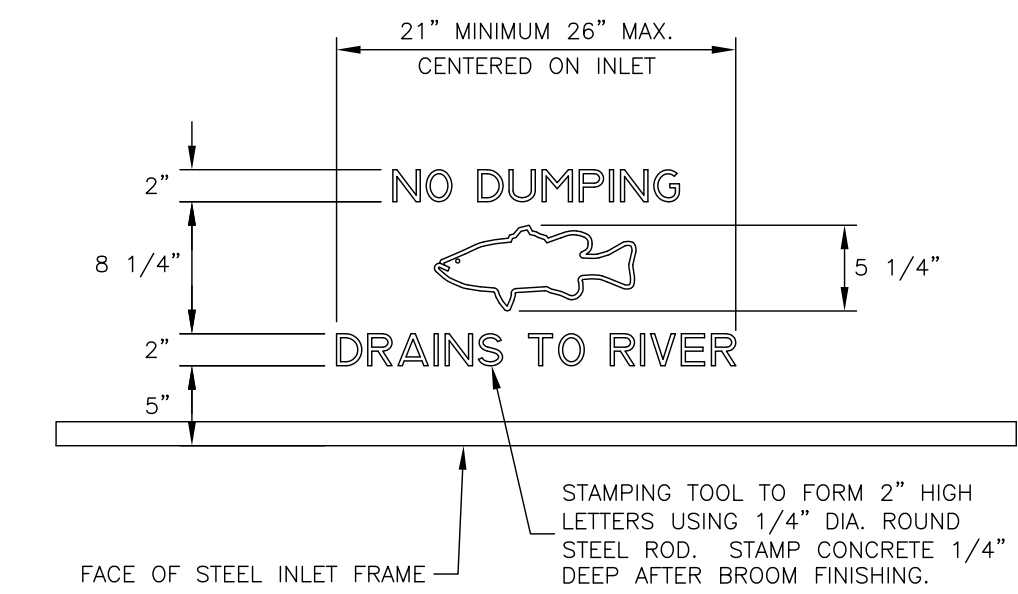
- STANDARD DRAWINGS SHALL APPLY ONLY TO STRUCTURES WITHIN THE FOLLOWING LIMITS:  
A. INSIDE PLAN DIMENSIONS SHALL NOT EXCEED 40 SQUARE FEET.  
B. WALL HEIGHT SHALL NOT EXCEED 10 VERTICAL FEET.
- THE MINIMUM WIDTH OF ALL STRUCTURES SHALL BE 4 FEET OR AS REQUIRED FOR PIPE CLEARANCE.
- STEPS ARE REQUIRED IN ALL STRUCTURES WITH WALL HEIGHT GREATER THAN 4 FEET.
- FRAMES, LIDS, CASTINGS, STEPS, INVERT, SUBSURFACE DRAINS, PIPE CONNECTIONS AND OTHER ITEMS SHOWN SHALL BE CONSIDERED SUBSIDIARY TO EACH STANDARD STRUCTURE.
- SUBSURFACE DRAINS ARE REQUIRED IN ALL STRUCTURES IN THE PUBLIC RIGHT-OF-WAY WITH WALL HEIGHT GREATER THAN 3 FEET. ONE DRAIN PER WALL SHALL BE INSTALLED ONLY IN WALLS WHICH ARE PERPENDICULAR TO THE STREET CENTERLINE.
- JUNCTION BOXES WITH INSIDE PLAN DIMENSIONS EXCEEDING 25 SQUARE FEET SHALL HAVE TYPE II RING AND COVER. JUNCTION BOXES IN PAVED AREAS SHALL HAVE TYPE II RING AND COVER.
- NO JUNCTION BOX TO BE LOCATED IN PAVEMENT WITHOUT APPROVAL OF THE CITY ENGINEER.
- ALL FLAT PLATE AND RODS SHALL BE M1020 MERCHANT QUALITY OR A36 HOT ROLLED STEEL.
- ALL WELDING SHALL CONFORM TO THE PROVISIONS OF THE AWS "STRUCTURAL WELDING CODE."
- STAMPING TOOLS SHALL BE APPROVED PRIOR TO USE. A FULL SIZE FABRICATION PATTERN MAY BE OBTAINED FROM THE PUBLIC WORKS DEPARTMENT. FOR CAST-IN-PLACE INLETS, A STAMPING TOOL MAY BE BORROWED FROM THE DEPARTMENT PER AN APPROVED SCHEDULE.



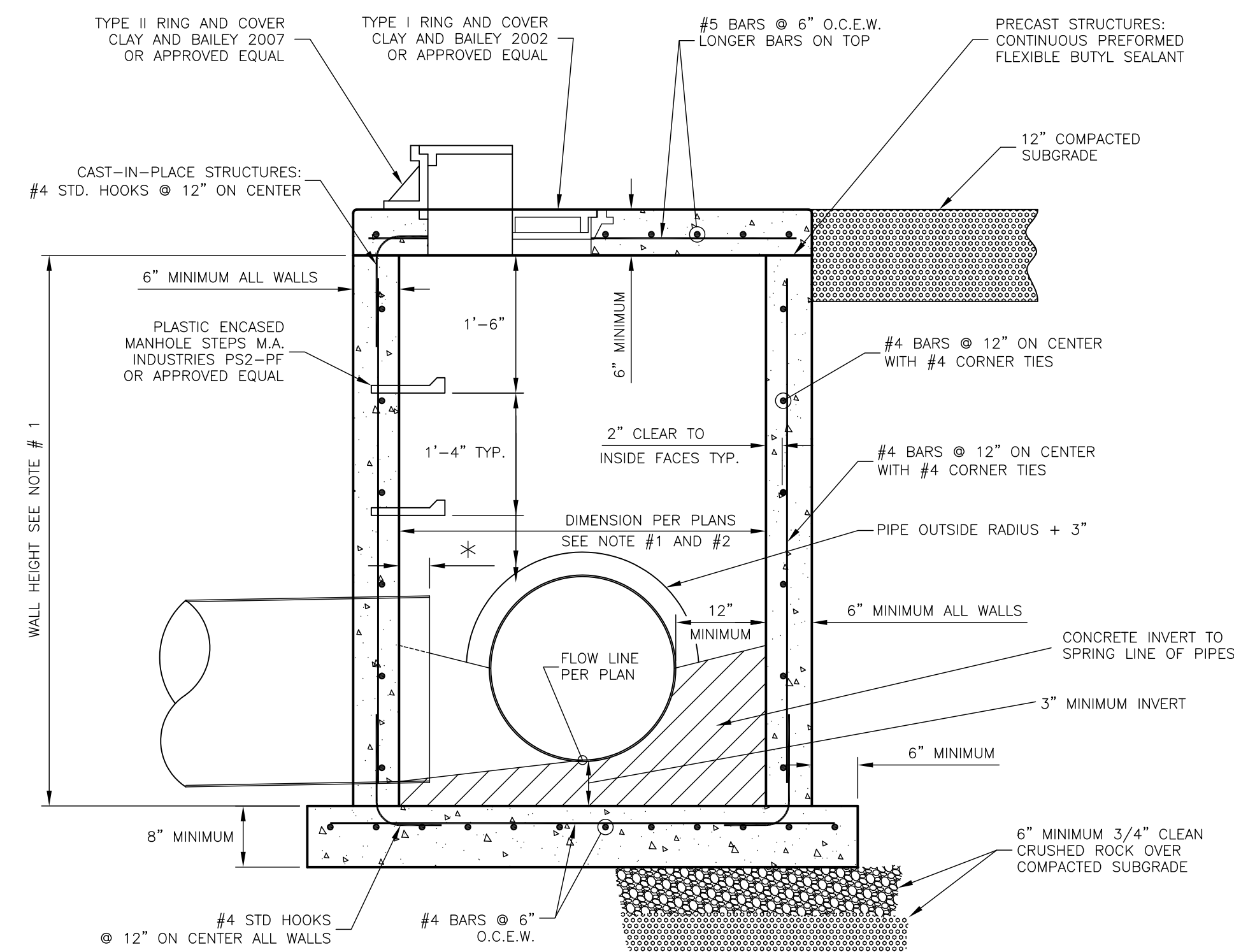
**UNDER AND WITHIN 2' OF STREET AND SIDEWALK PAVING**  
**TYPICAL TRENCH SECTIONS**



**PLAN**



**PLAN**  
**JUNCTION BOX STAMP**



\* NOTE: THE END OF THE PIPE SHOULD EXTEND A MINIMUM OF 4", UP TO A MAXIMUM OF 6", BEYOND THE INTERIOR WALL FACE.

**TYPICAL SECTION A-A**

**STANDARD JUNCTION BOX**

SHEET \_\_\_\_\_ OF \_\_\_\_\_

DATE	BY	REVISION
09-10-09	LJM	REPLACES ALL PREVIOUS VERSIONS OF STORM SEWER DETAILS
08-12-09	LJM	TYPICAL TRENCH SECTIONS DETAIL REVISED



STANDARD DETAILS FOR  
STORM SEWER JUNCTION BOXES

SHOEB M. UDDIN CITY ENGINEER      DAVID L. CORLISS CITY MANAGER