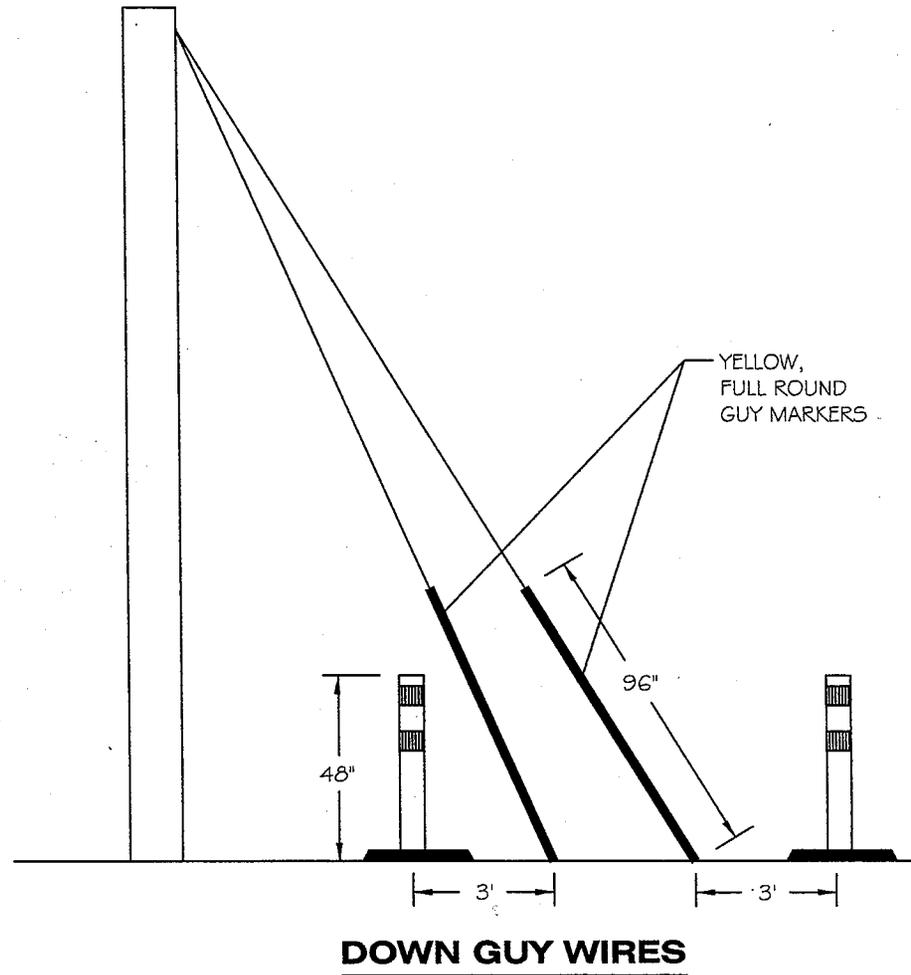
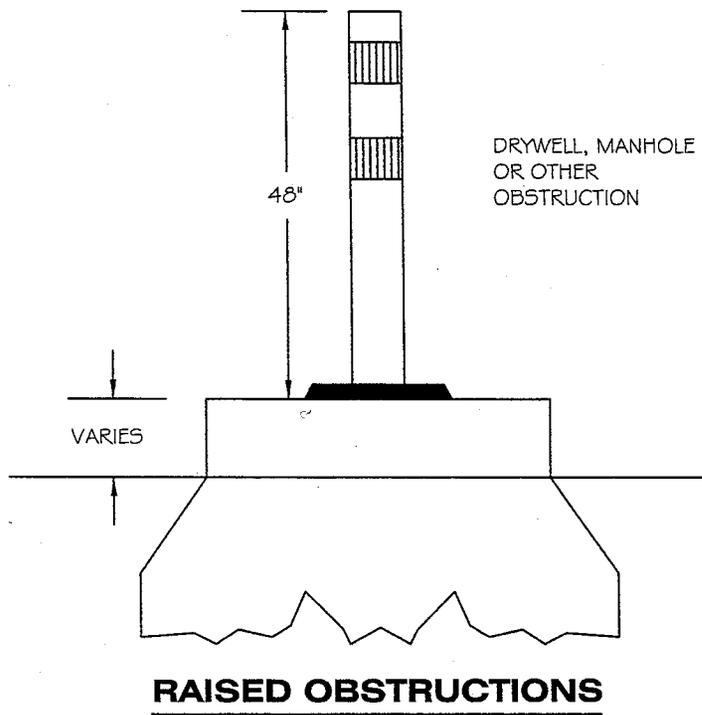


GENERAL INFORMATION

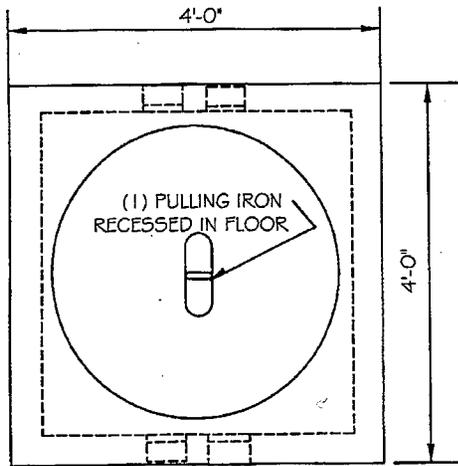
C-100 TO C-113



NOTES:

1. HAZARD MARKERS SHALL BE INSTALLED WHEN AN OBSTRUCTION MAY POSE A HAZARD TO MOTORIZED VEHICLES, MOWING EQUIPMENT, PEDESTRIANS, MAINTENANCE OPERATIONS OR AS DIRECTED BY THE ENGINEER.
2. HAZARD MARKERS SHALL MEET THOSE SPECIFICATIONS AS SHOWN IN MAG STD DTL 141.
3. MAG STD DTL 141 TYPE 2 MAY BE USED AROUND RAISED OBSTRUCTIONS AS AN ALTERNATE; HOWEVER, THREE (3) MARKERS MUST BE PLACED AT 120° INTERVALS AROUND THE OBSTRUCTION.

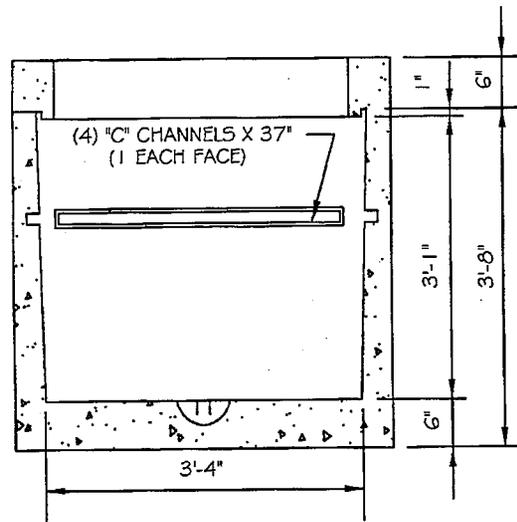
DETAIL NO. C-100 NTS	 CITY OF CHANDLER STANDARD DETAIL	HAZARD MARKER PLACEMENT	APPROVED:  CITY ENGINEER DATE: 01/19/10	DETAIL NO. C-100 NTS
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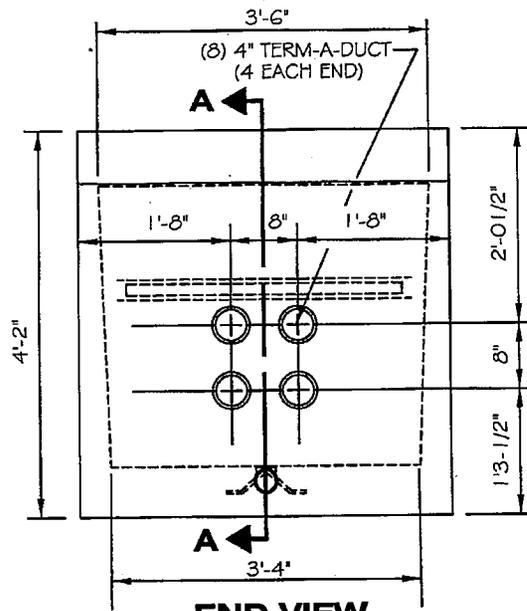
PLAN VIEW

NOTES:

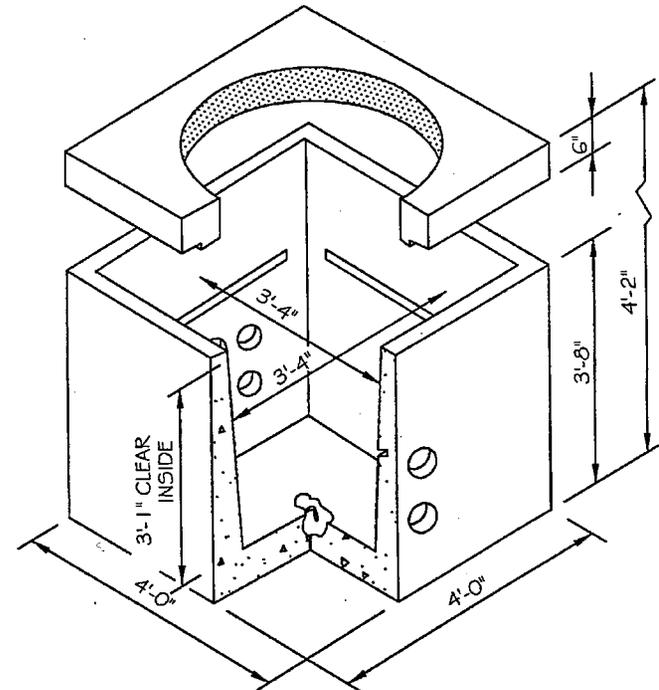
1. VAULT SHALL BE UTILITY VAULT CO. #444-TA OR APPROVED EQUAL.
2. FRAME AND COVER SHALL BE MAG STD DTL 536 - ALTERNATE COVER FOR CURB OPENING CATCH BASINS.
3. COVER SHALL BE FILLED WITH CONCRETE, BROOM FINISHED, AND STAMPED WITH CITY OF CHANDLER LOGO.



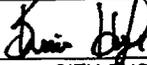
SECTION VIEW A-A

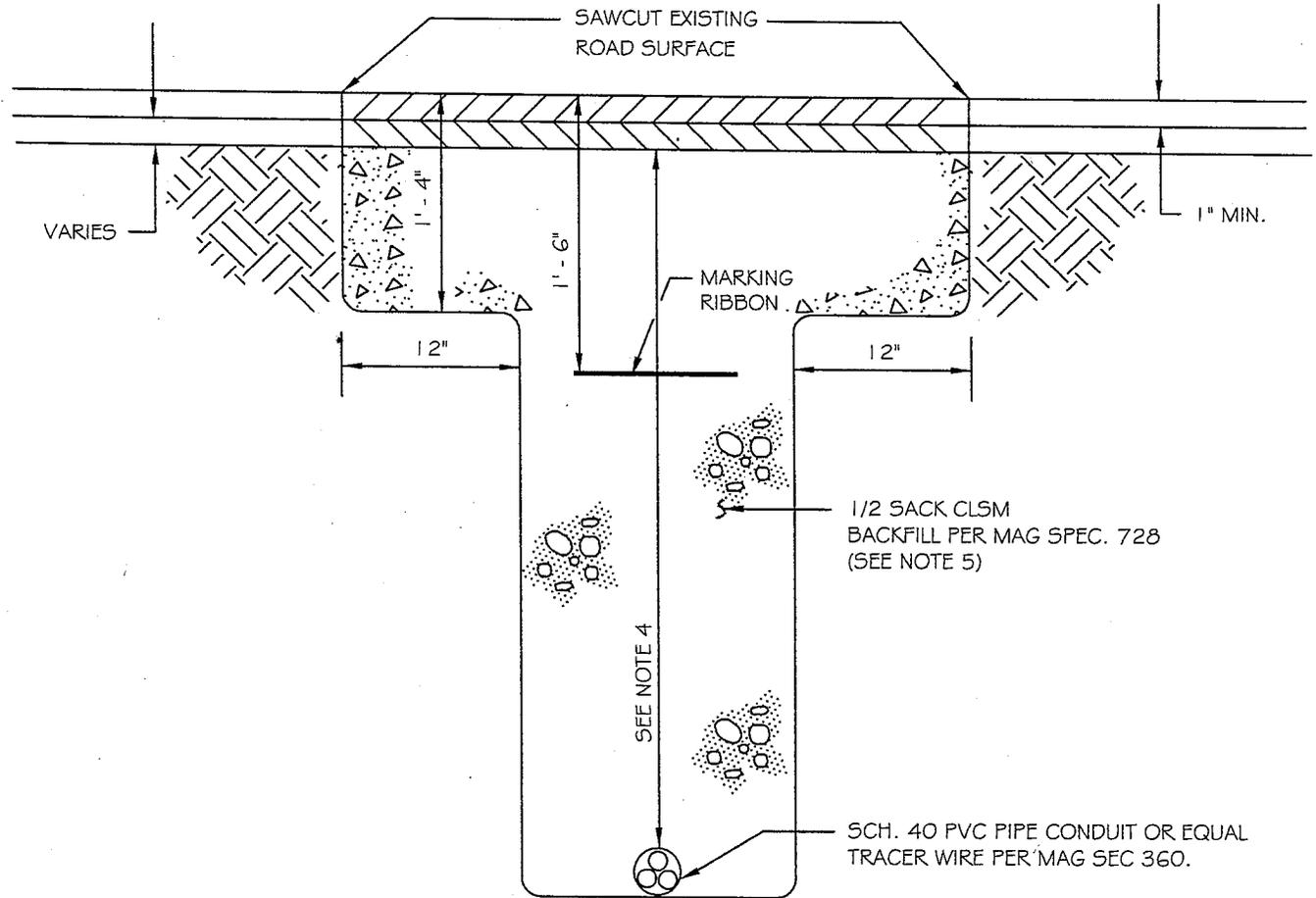


END VIEW



ISOMETRIC VIEW

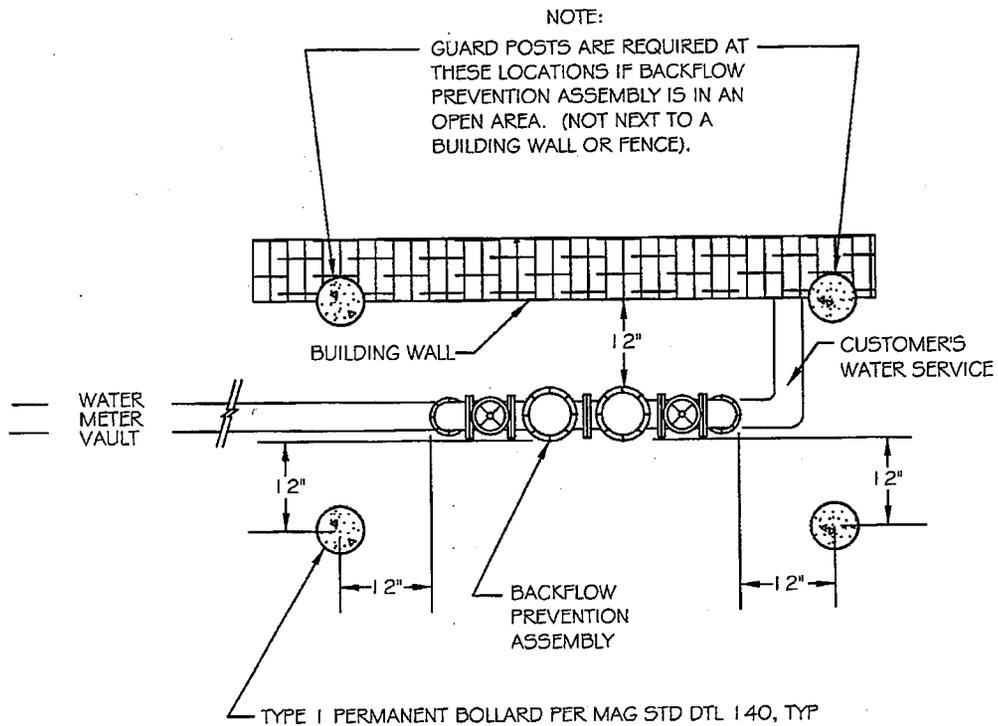
DETAIL NO. C-103 NTS	 CITY OF CHANDLER STANDARD DETAIL	FIBER OPTIC CABLE SPLICING VAULT	APPROVED:  CITY ENGINEER DATE: 01/08/09	DETAIL NO. C-103 NTS
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NOTES:

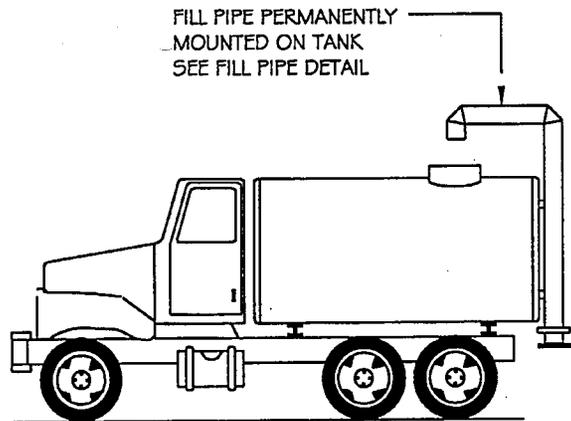
1. MARKING RIBBON TO BE 3" MINIMUM WIDTH, 5 MIL THICK METALLIC DETECTABLE TAPE WITH THE MESSAGE "CAUTION - FIBER OPTIC CABLE BURIED BELOW".
2. FOR BORES OR PUSHES, STEEL SLEEVES MUST BE USED.
3. REPLACE ROAD SURFACE PER MAG STANDARD DETAIL 200 'T' TOP.
4. INSTALLATION SHALL BE PER MAG SECT 360.
5. NATIVE MATERIAL CAN BE UTILIZED FOR BACKFILL IN P.U.E. OR MIN. 2 FEET FROM SURFACE IMPROVEMENTS.

DETAIL NO. C-104 NTS	 CITY OF CHANDLER STANDARD DETAIL	FIBER OPTIC CABLE DUCTS	APPROVED: <i>[Signature]</i> CITY ENGINEER DATE: 01-27-11	DETAIL NO. C-104 NTS
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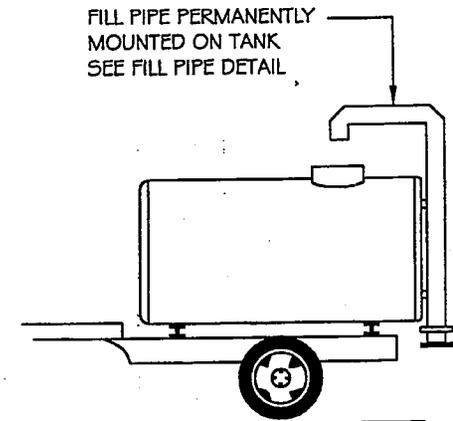


**GUARD POST FOR BACKFLOW
 PREVENTION ASSEMBLY**

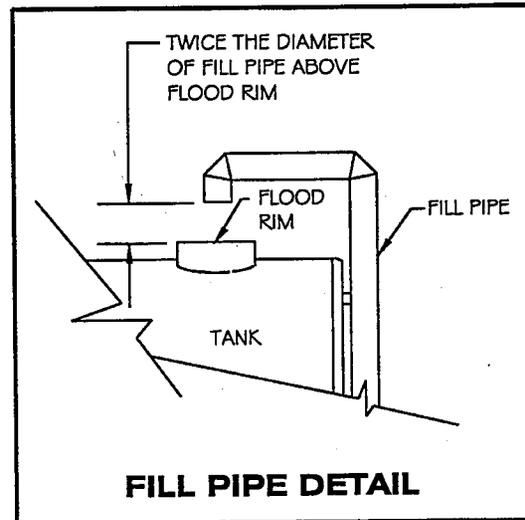
DETAIL NO. C-105 NTS	 CITY OF CHANDLER STANDARD DETAIL	GUARD POST FOR BACKFLOW PREVENTION ASSEMBLIES	APPROVED: <i>John Hyl</i> CITY ENGINEER DATE: <u>01/06/09</u>	DETAIL NO. C-105 NTS
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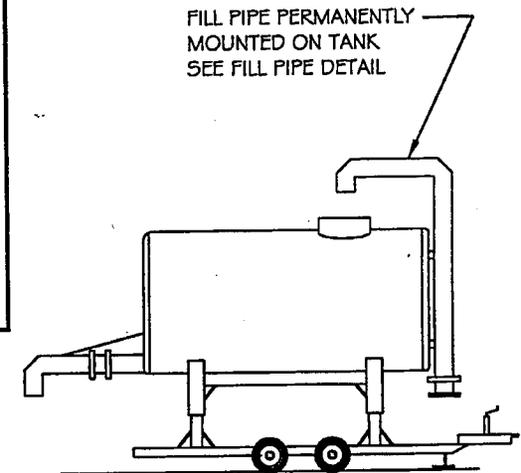
WATER TRUCK



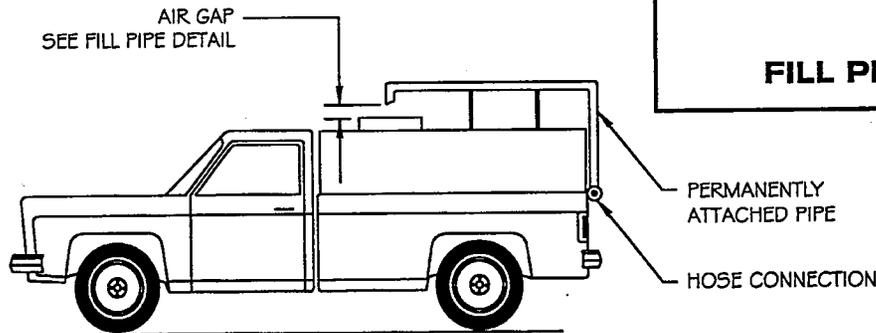
WATER WAGON



FILL PIPE DETAIL



ELEVATED TANK



WATER TRUCK

C-108
REPLACES
95

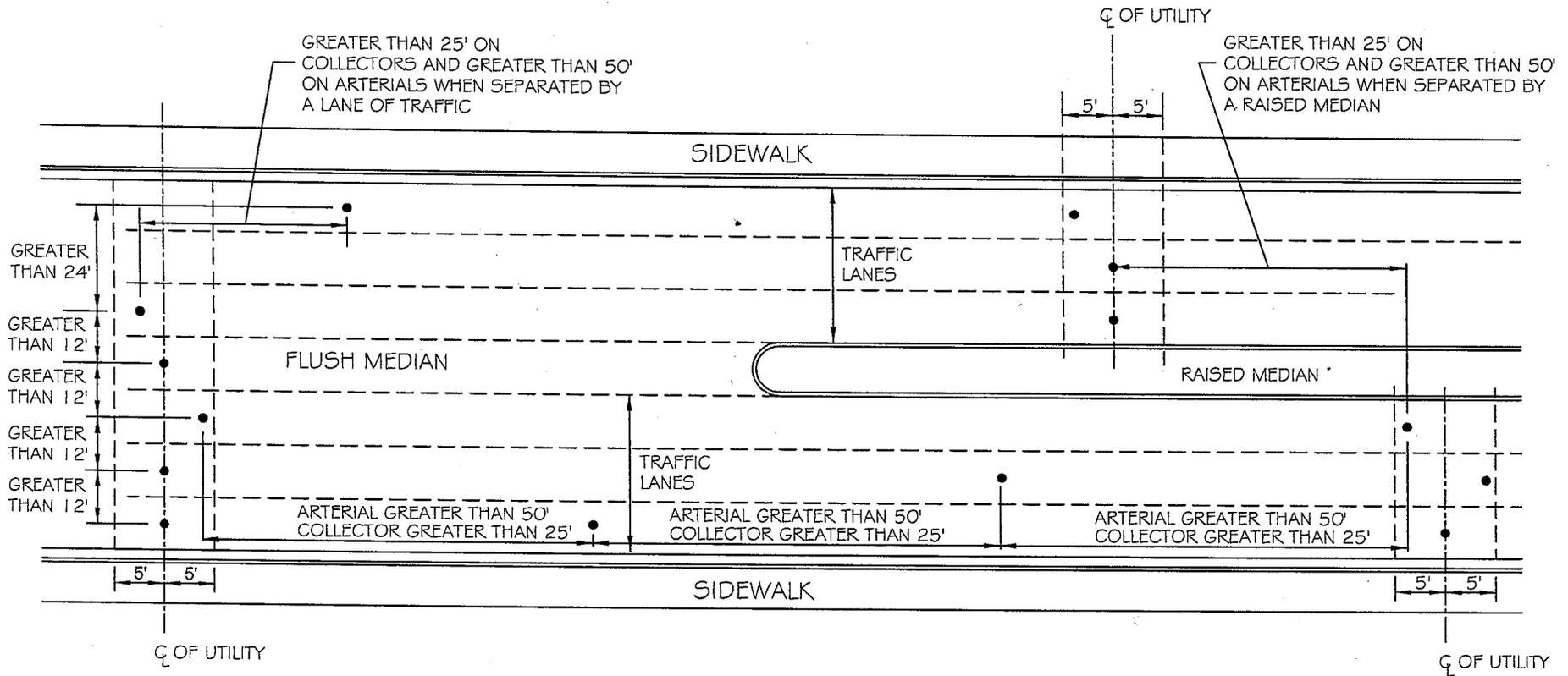


CITY OF
CHANDLER
STANDARD
DETAIL

**AIR GAP BACKFLOW PROTECTION
FOR WATER TANKS**

APPROVED: *Boyer D. Falkner*
CITY ENGINEER
DATE: *11-19-99*

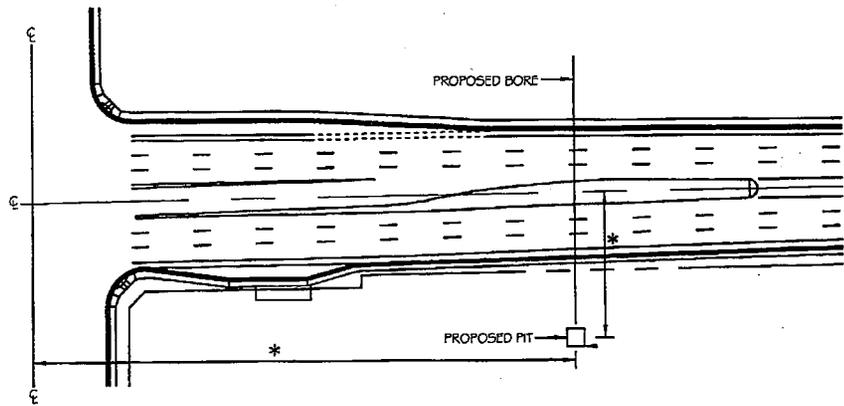
DETAIL NO.
C-108
NTS



NOTES:

1. REFER TO THE REQUIREMENTS OF ENCROACHMENT PERMITS, STREET CUT PERMITS, AND THE FEE EXEMPTION POLICY.
2. DIMENSIONS FOR POTHOLE SPACING ARE MEASURED TO THE EDGES OF THE POTHOLES.

DETAIL NO. C-111 NTS	 CITY OF CHANDLER STANDARD DETAIL	MINIMUM POTHOLE SPACING FOR PAVEMENT RESTORATION FEE EXEMPTION	APPROVED:  CITY ENGINEER DATE: 01-27-11	DETAIL NO. C-111 NTS
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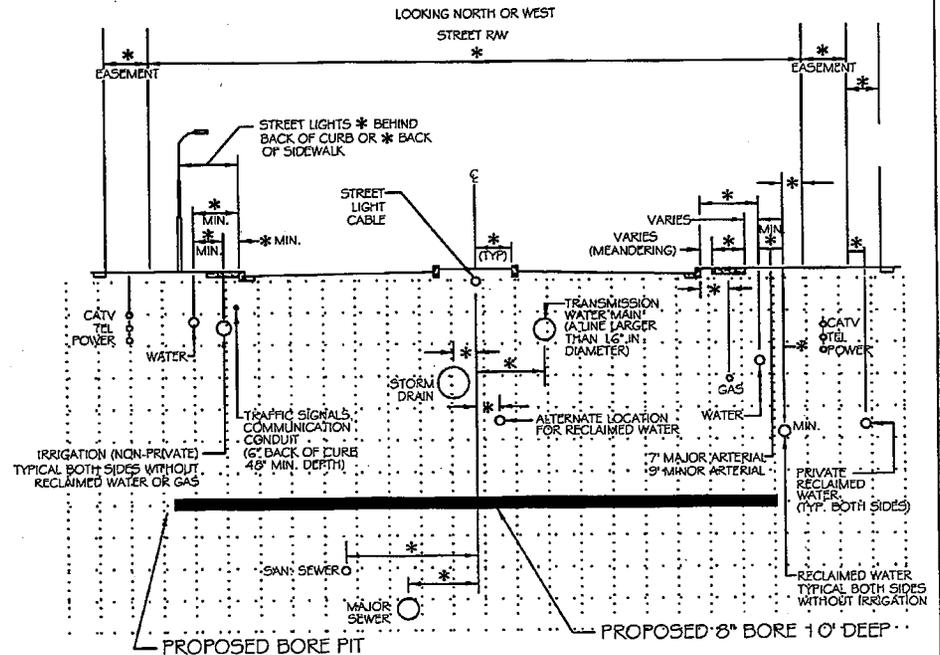


PLAN VIEW

NOT TO SCALE

NOTES:

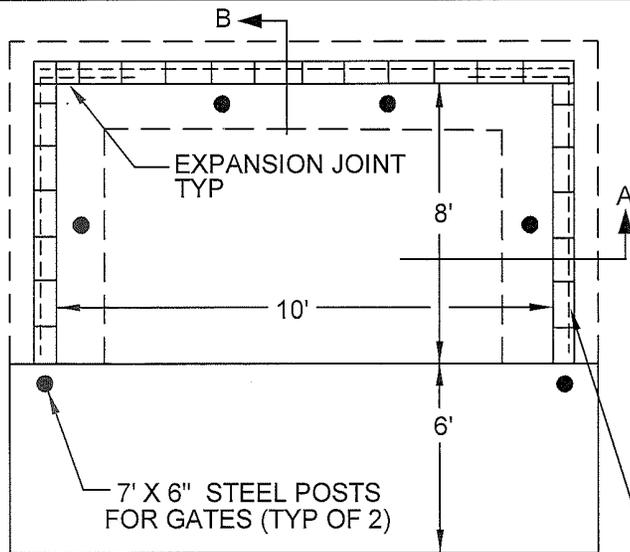
1. * PROVIDE PROPOSED LOCATION OF BORE AND ALL UTILITIES WITH VERTICAL & HORIZONTAL DIMENSIONS, AS WELL AS DIMENSIONS OF FACILITIES TO BE CROSSED.
2. 12" BY 12" MAX. SIZE POTHOLES ALLOWED TO VERIFY UNKNOWN UTILITY LOCATION AND TO MONITOR BORES PASSING WITHIN 2' OF EXISTING UTILITIES. CORE DRILLING IS PREFERRED.
3. 1' X 1' AND 2' X 2' POTHOLE PLATES ARE NOT PERMITTED. RESTORE POTHOLES PER MAG STD DTL 212.
4. ALL BORES TO BE SLEEVED IN SCHEDULE 40 PVC OR BETTER.
5. BACKFILL REQUIREMENTS OF PIT SHALL BE PER MAG SECTION 601
6. JURISDICTION SHALL BE NOTIFIED IF OBSTRUCTIONS ARE ENCOUNTERED.
7. GUIDED BORE REQUIRED IF LENGTH IS MORE THAN 45'.
8. THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE OWNER OF ANY DAMAGED FACILITY FOR ITS REPAIR OR REPLACEMENT. COST OF SUCH REPAIRS SHALL BE IN COMPLIANCE WITH M.A.G. OR SPECIAL AGREEMENTS.



**BORE PROFILE
TYPICAL SECTION**

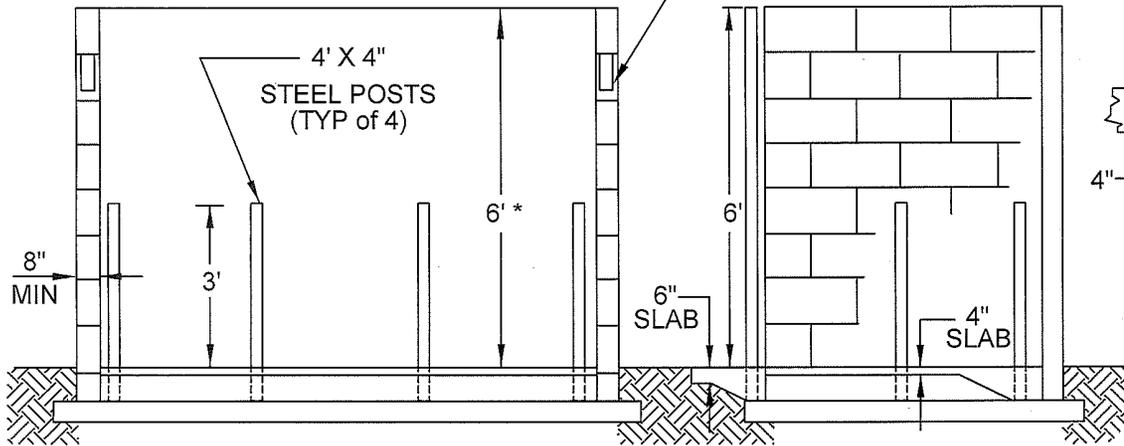
9. REPLACE OR REPAIR ANY LANDSCAPING/SPRINKLER DAMAGED DURING THE COURSE OF THE WORK. PER MAG 107.9.
10. PERMISSION REQUIRED FROM THE CITY PRIOR TO REMOVING OR TRIMMING ANY LANDSCAPING.
11. 24" MIN. CLEARANCE SHALL BE PROVIDED BETWEEN BORE AND ALL EXISTING UTILITIES.

DETAIL NO. C-112 NTS	 CITY OF CHANDLER STANDARD DETAIL	ENGINEERED UTILITY BORE	APPROVED: <i>Jim Hyl</i> CITY ENGINEER DATE: <u>01/08/09</u>	DETAIL NO. C-112 NTS
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PLAN

PROVIDE BOND BEAM IN SECOND COURSE W/ #4 CONTINUOUS RE-BAR, FULLY GROUTED



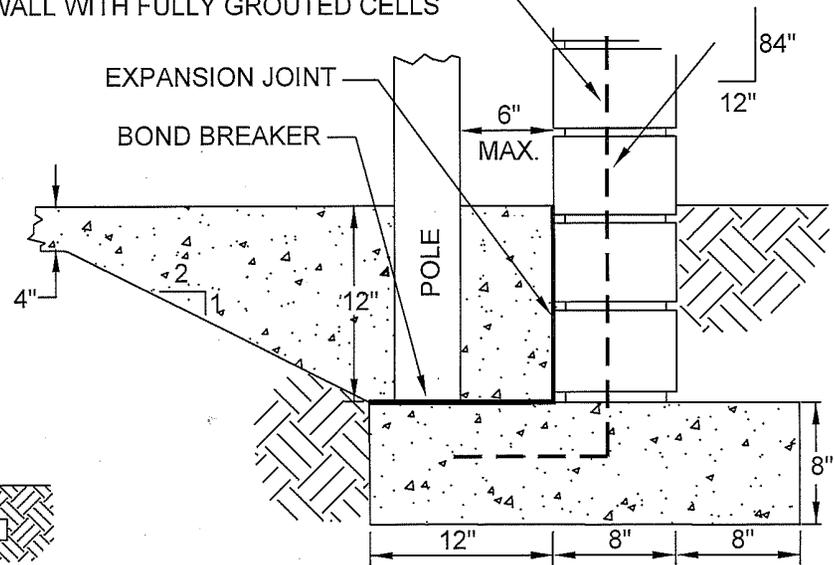
FRONT SECTION A

SIDE SECTION B

NOTES:

1. INSIDE DIMENSIONS: 10' WIDE, 8' DEEP, AND 6" HIGH. A MIN 5' HIGH WALL / GATE MUST BE PROVIDED FOR RECESSED ENCLOSERS.
2. CONCRETE BASE 4" THICK AT ENCLOSURE AND 6" THICK EXTENDED 6" BEYOND FRONT OF ENCLOSURE, BOTH WITH SUB-BASE OF 4". BASE MUST BE LEVEL WITH GRADE.
3. FOUR 4" X 4" STEEL PIPES SET 1' IN GROUND FILLED WITH CONCRETE, MOUNTED INSIDE ENCLOSURE. SIDE POLES PLACED 1/2 THE DISTANCE FROM FRONT TO BACK. BACK POLES PLACED 1/3 THE DISTANCE OF 6" FROM THE WALL.
4. 9' WIDTH FOR EACH ADDITIONAL CONTAINER. ADD 2 ADDITIONAL PIPES AT REAR OF ENCLOSURE FOR EACH ADDITIONAL CONTAINER.
5. GATES TO BE MOUNTED ON SEPARATE POST NOT CONNECTED TO WALL.
6. GATES TO BE SOLID AND PAINTED TO MATCH ENCLOSURE, CUSTOM DESIGNS WILL BE APPROVED ON A CASE-BY-CASE BASIS.
7. CMU BLOCK MAY BE ANY STD SIZE, 8" MIN WIDTH W/ SMOOTH, SPLIT, SCORED OR FLUTED EXTERIOR FACE OR SPECIALTY BLOCK. TOP TO BE SOLID BLOCK, CAPPED OR ALL CORES FILLED. WALL TO BE FINISHED AND PAINTED TO MATCH BUILDING.

#4 RE-BAR AT FOUR CORNERS AND AT 48" MAX SPACING ALONG WALL WITH FULLY GROUTED CELLS



FOOTING DETAIL

DETAIL NO.

C-113

NTS



CITY OF CHANDLER
STANDARD DETAIL

TRASH RECEPTACLE ENCLOSURE

APPROVED:

David W. Cook
CITY ENGINEER

DATE: 07-09-2015

DETAIL NO.

C-113

NTS