

FIRE DEPARTMENT DETAILS

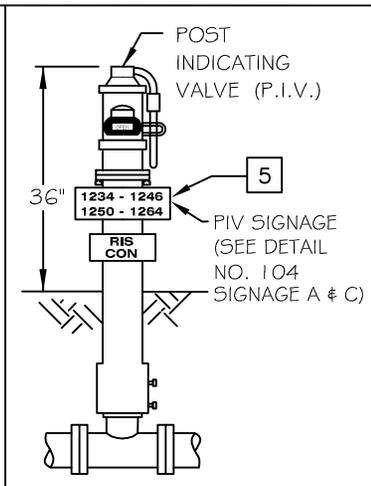
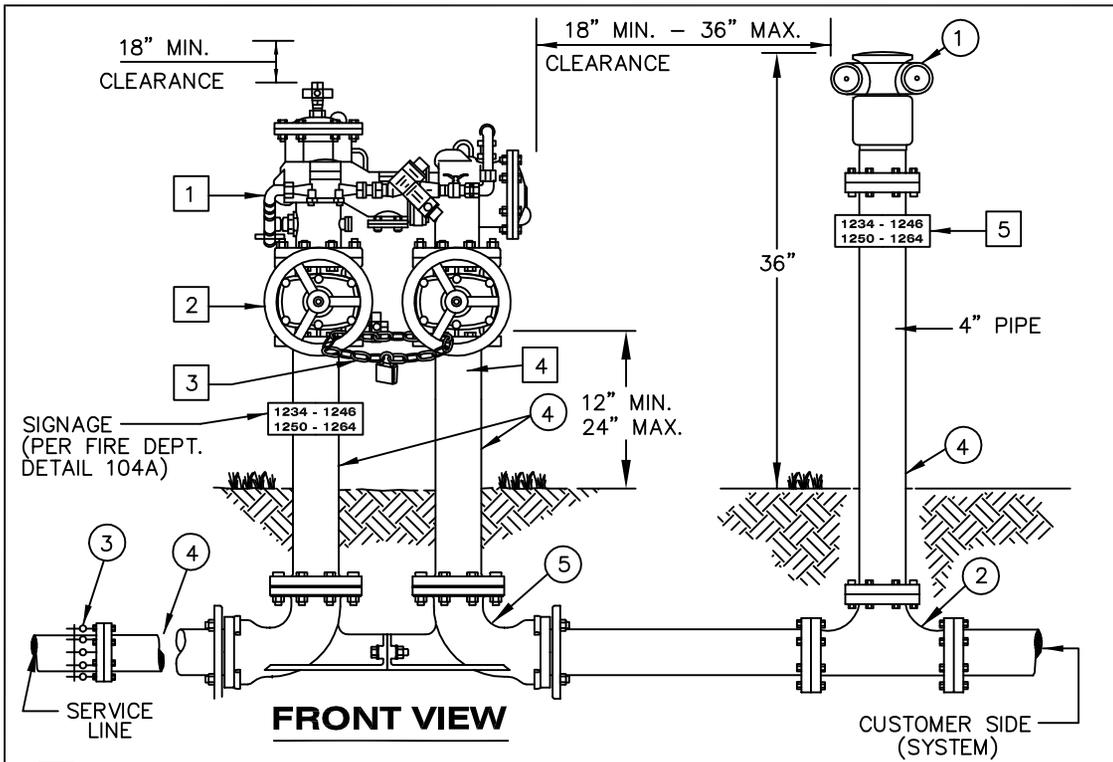
* INDICATES REVISED DETAILS / *** NEW DETAIL

*	FD 102	2015	Fire Line Installation (No on-site hydrants required / for small sites and/or single buildings)
*	FD 103	2015	Fire Line Installation On-Site Hydrant Required / For Large Sites And/Or Multiple Buildings
*	FD 104	2015	Fire Department Valve Signage
*	FD 105	2015	Fire Sprinkler System Riser Commercial Installation
*	FD 108	2015	Fire Dept Emergency Access Gate Signage
*	FD 109	2015	Emergency Access Barrier
*	FD 111	2015	Fire Lane Signage
*	FD 115	2015	Blocked Door Signage
*	FD 121	2015	Deleted
*	FD 124	2015	Deleted
*	FD 141	2015	Fire Apparatus Roadways and Turnarounds
*	FD 143	2015	Fire Apparatus Roadways and Turnarounds Private Residential Cul-De-Sac
***	FD 144	2015	Fire Sprinkler Riser W/ Backflow Prevention (Downtown Installation Only - New)
*	FD 151	2015	Address Identification

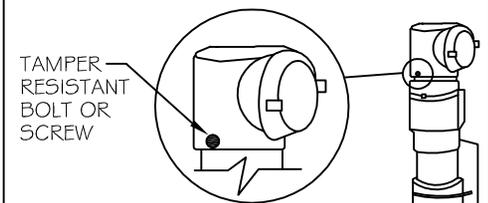
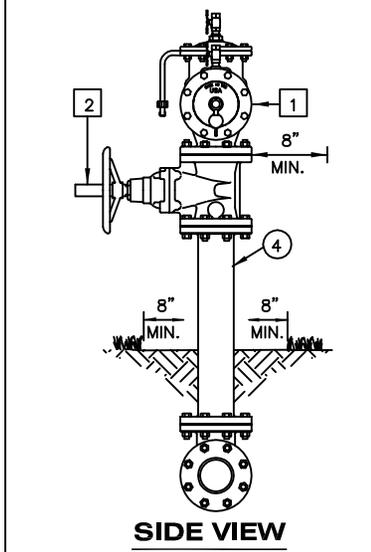
** INDICATES FONT AND BORDER REVISIONS ONLY

**	FD 106	2015	Fire Riser Room and Fire Alarm Panel Signage
**	FD 107	2015	Temporary Fire Dept Access Road Signage
**	FD 123	2015	'Out of Service' Signs





FOR SINGLE RISER SYSTEMS, A PIV IS REQUIRED AS RISER CONTROL VALVE WITHIN 10 FEET OF THE BUILDING. IF PIV IS ELIMINATED THEN FD 105 SHALL BE USED.



NOTES

- FDC SHALL BE INSTALLED IN A MANNER TO PREVENT TAMPING AND/OR THEFT.
- PRIOR TO INSTALLING THE FDC ON THE CHECK VALVE, THREADLOCKER, OR EQUIVALENT, SHALL BE PLACED ON THE THREADS.
- TAMPER RESISTANT BOLT OR SCREW SHALL BE INSTALLED IN THE BASE OF THE FDC BY DRILLING A 3/8 INCH HOLE THROUGH THE MANIFOLD CASE AND INNER THREADS.

- LIST OF MATERIALS**
- FIRE DEPT. SIAMESE CONNECTION (FDC) (RED).
 - FLANGED TEE.
 - FLANGED ADAPTER, (WHEN REQUIRED).
 - PIPE SPOOL. (FLANGED D.I.P.)
 - 90° ELBOW. (FLANGED D.I.P.)

SCREENING METHOD

- SCREEN WALLS, PLANT MATERIAL, BERMING AND/OR BUILDING ORIENTATION SHALL BE SUBMITTED TO DEVELOPMENT SERVICES FOR REVIEW AND APPROVAL PRIOR TO START OF CONSTRUCTION.
- METHOD OF SCREENING USED MAY REQUIRE FDC'S TO BE REMOTELY LOCATED. FDC LOCATION AND METHOD OF INSTALLATION SHALL BE INCLUDED ON SCREENING PLAN SUBMITTED TO DEVELOPMENT SERVICES FOR REVIEW AND APPROVAL.

NOTES

- DOUBLE CHECK DETECTOR ASSEMBLY WITH BYPASS METER SHALL BE UL LISTED OR FM APPROVED FOR FIRE PROTECTION USE AND SHALL BE AS APPROVED BY U.S.C. FOUNDATION FOR CROSS-CONNECTION CONTROL AND HYDRAULIC RESEARCH. THIS ASSEMBLY IS TO BE USED FOR POLLUTION HAZARDS ONLY AS RECOMMENDED IN THE AWWA-M14 MANUAL.
- ALL PIPING, VALVES, FITTINGS AND APPURTENANCES DOWNSTREAM OF THE SERVICE LINE SIDE O.S.# Y. VALVE SHALL BE APPROVED FOR FIRE PROTECTION USE AND INSTALLED PER N.F.P.A. #24.
- THE ENTIRE ASSEMBLY SHALL BE SECURED WITH CHAIN AND LOCK.
- BACKFLOW DEVICES SHALL BE PAINTED TO MATCH THE LANDSCAPE (DESERT BROWN).
- FDC'S AND PIV/S SHALL BE PAINTED RED AND SIGNED PER FIRE DEPT. DETAIL NO. 104 SIGNAGE A, B, OR C.

GENERAL NOTES:

- FDC'S SHALL BE LOCATED WITHIN 150 FEET OF A PUBLIC (YELLOW) FIRE HYDRANT AT THE ENTRANCE TO THE SITE.
- A REGISTERED STRUCTURAL ENGINEER SHALL SEAL THE DESIGN OF THE THRUST BLOCKS, SUPPORTS AND TIE ROD ASSEMBLIES.
- MAINTAIN 3 FEET CLEARANCE AROUND PIV AND FDC. (NO TREES, BUSHES, FENCES, CACTUS OR RIVER ROCK.)
- MAX DISTANCE BETWEEN FDC AND BACKFLOW MAY BE MODIFIED ONLY AS APPROVED BY THE FIRE MARSHAL OR DESIGNER.

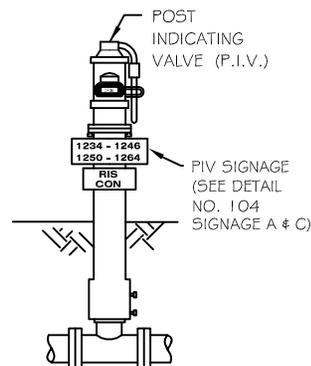
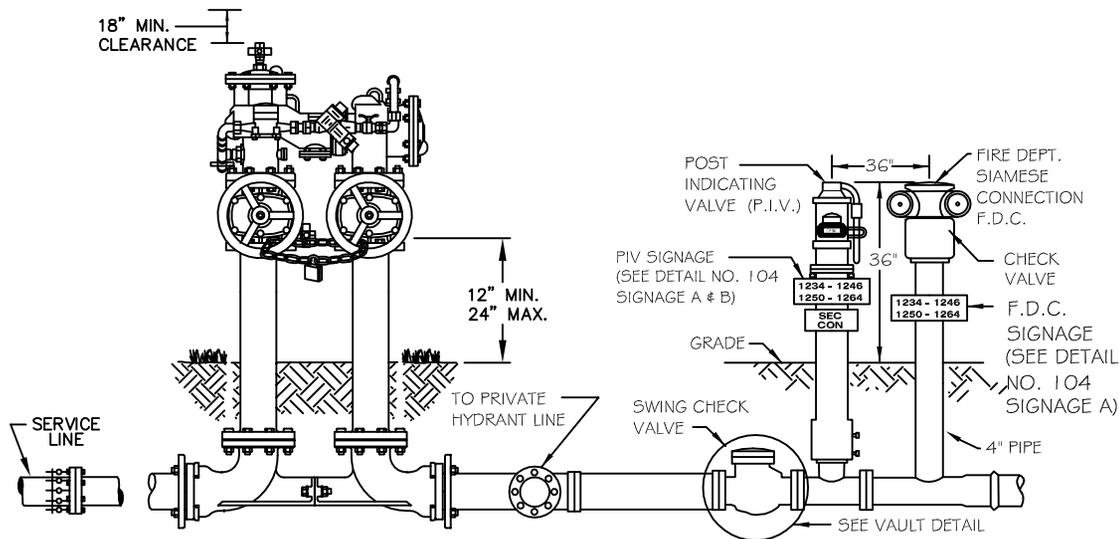
DETAIL NO.
FD102
NTS



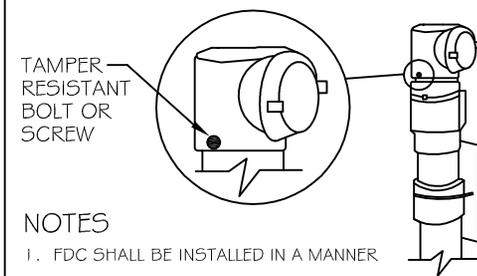
FIRE LINE INSTALLATION
(NO ON-SITE HYDRANTS REQUIRED / FOR SMALL SITES AND/OR SINGLE BUILDINGS)

APPROVED: *Mark DeJalen*
FIRE MARSHAL
DATE: 4/04/2012

DETAIL NO.
FD102
NTS



MULTIPLE RISER SYSTEMS, ADDITIONAL PIVS MAY BE REQUIRED AS RISER CONTROL VALVES.

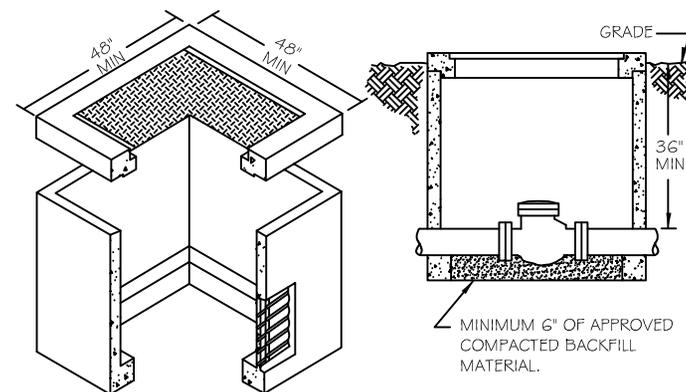


NOTES

1. FDC SHALL BE INSTALLED IN A MANNER TO PREVENT TAMPERING AND/OR THEFT.
2. PRIOR TO INSTALLING THE FDC ON THE CHECK VALVE, THREADLOCKER, OR EQUIVALENT, SHALL BE PLACED ON THE THREADS.
3. TAMPER RESISTANT BOLT OR SCREW SHALL BE INSTALLED IN THE BASE OF THE FDC BY DRILLING A 3/8 INCH HOLE THROUGH THE MANIFOLD CASE AND INNER THREADS.

NOTES:

1. ALL FD 102 NOTES AND GENERAL NOTES SHALL APPLY TO FD 103 DESIGN. (EXCEPT GENERAL NOTE #4).
2. FDC'S SHALL BE LOCATED WITHIN 150 FEET OF A PUBLIC (YELLOW) FIRE HYDRANT.
3. SWING CHECK VALVES USED ON UNDERGROUND FIRE LINES SHALL BE INSTALLED WITHIN A VAULT IN ACCORDANCE WITH THIS DETAIL. THE CHECK VALVE AND VAULT ASSEMBLY SHALL BE INSTALLED AFTER THE PRIVATE HYDRANT LINE (PRIVATE HYDRANTS SHALL BE PAINTED YELLOW WITH A BLACK BONNET).
4. FIRE SPRINKLER LINES SHALL HAVE A SECTIONAL CONTROL PIV INSTALLED BETWEEN THE SWING CHECK VALVE AND THE FDC. A SECTIONAL CONTROL PIV SHALL BE INSTALLED AT MID POINT ON THE LOOPED FIRE LINE TO PROVIDE FOR ISOLATION OF THE FIRE LINE.
5. FIRE SPRINKLER LINES SHALL HAVE A RISER CONTROL PIV FOR EACH INDIVIDUAL RISER. THE PIV'S SHALL BE LOCATED AS CLOSE TO THE RISER AS PRACTICAL. THE RISER CONTROL PIV'S MAY BE ELIMINATED AND FD 105 IS REQUIRED. PROVIDE A KEY BOX FOR FIRE DEPARTMENT ACCESS TO THE RISER CONTROL VALVES LOCATED INSIDE THE BUILDING.
6. ALL STUB OUT AND FUTURE DEVELOPMENT PADS (PHASED PROJECTS) SHALL END WITH A PIV PAINTED FOREST GREEN.



VAULT DETAIL

DETAIL NO.
FD103
NTS



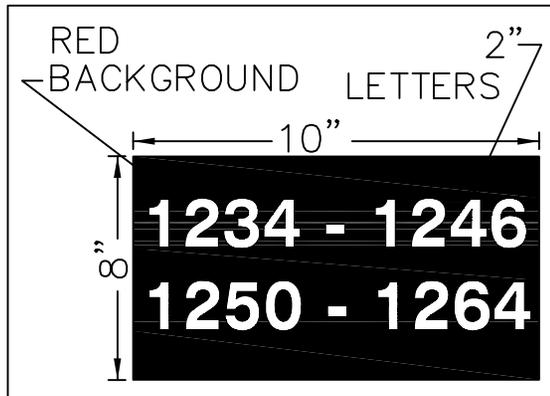
CITY OF CHANDLER
STANDARD DETAIL

FIRE LINE INSTALLATION ON-SITE HYDRANTS REQUIRED / FOR LARGE SITES AND/OR MULTIPLE BUILDINGS

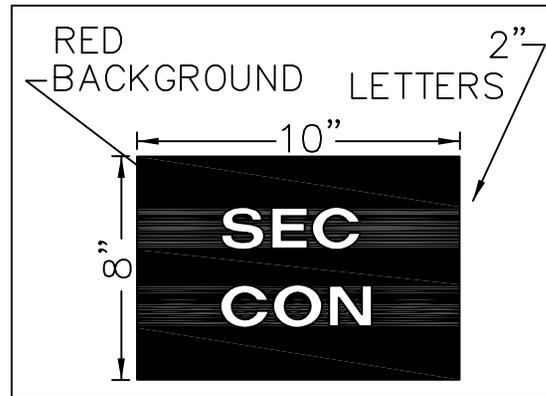
APPROVED: *Max Walker*
DATE: 4/04/2012

DETAIL NO.
FD103
NTS

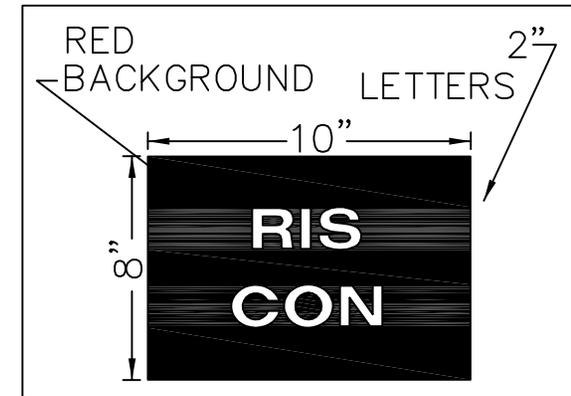
SIGNAGE A



SIGNAGE B

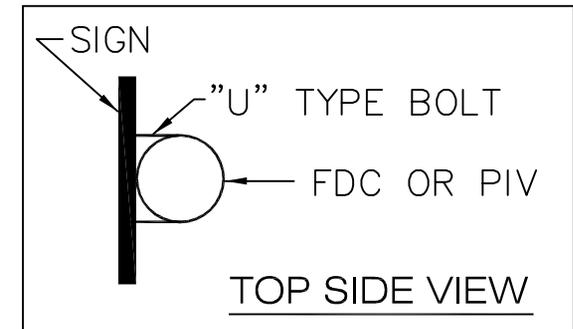


SIGNAGE C



NOTES:

1. THE SIGNS SHALL INCLUDE THE ADDRESS(S) OF THE PREMISE(S) SERVING THE FDC OR PIV.
2. THE SIGNS SHALL BE RED IN COLOR WITH WHITE REFLECTIVE LETTERING AND SHALL BE 0.08 GAUGE ALUMINUM AND SHALL BE SECURELY ATTACHED TO THE FDC OR PIV WITH "U" TYPE BOLTS.



DETAIL NO.

FD104
NTS



CITY OF CHANDLER
STANDARD DETAIL

**FIRE DEPT. CONNECTION AND
POST INDICATING VALVE SIGNAGE**

APPROVED:

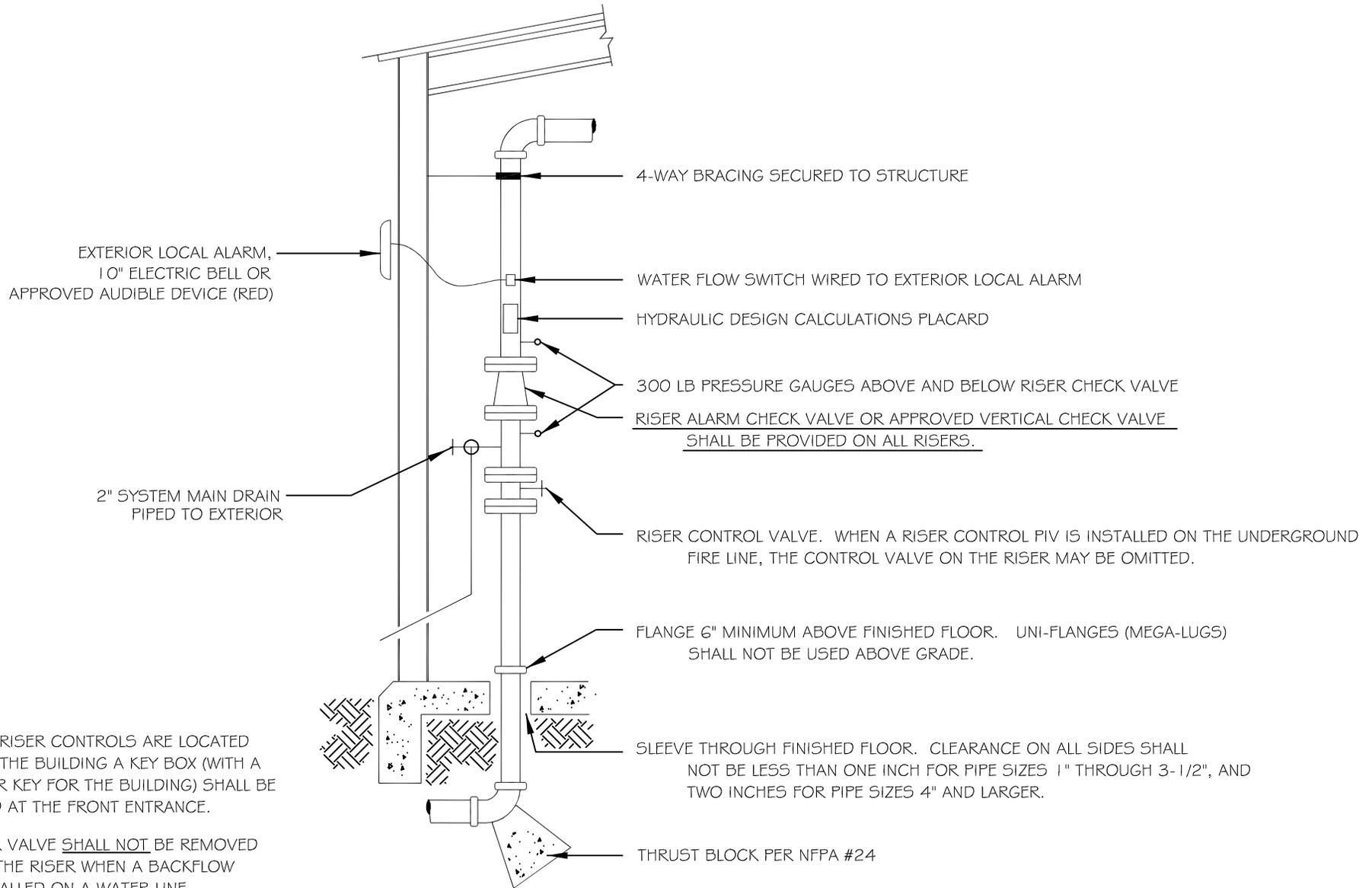
DATE:

Max DeWalter
FIRE MARSHAL

10/05/2010

DETAIL NO.

FD104
NTS



NOTE:

1. WHEN RISER CONTROLS ARE LOCATED INSIDE THE BUILDING A KEY BOX (WITH A MASTER KEY FOR THE BUILDING) SHALL BE PLACED AT THE FRONT ENTRANCE.
2. CHECK VALVE SHALL NOT BE REMOVED FROM THE RISER WHEN A BACKFLOW IS INSTALLED ON A WATER LINE.

DETAIL NO.

FD105
NTS



CITY OF CHANDLER
STANDARD DETAIL

**FIRE SPRINKLER SYSTEM RISER
COMMERCIAL INSTALLATION**

APPROVED:

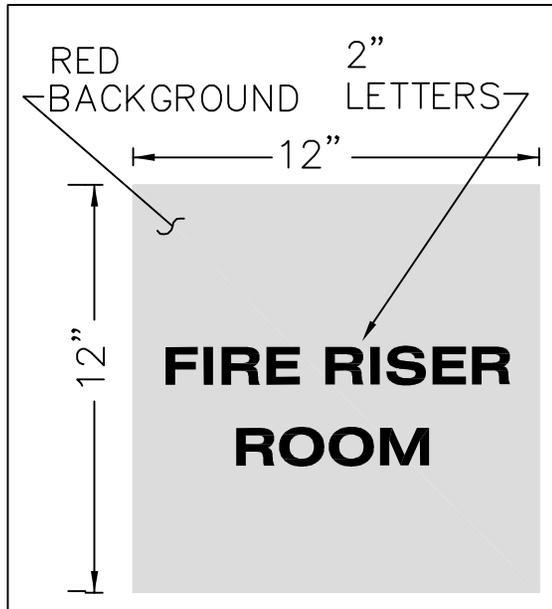
Mart DeJalle
FIRE MARSHAL

DATE: 7/30/2010

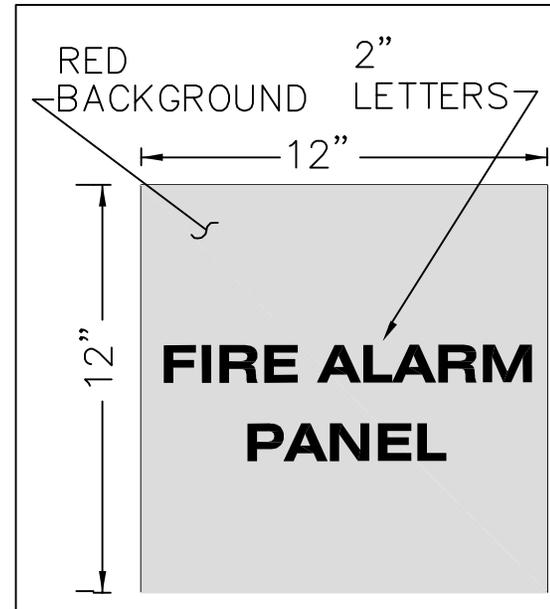
DETAIL NO.

FD105
NTS

SIGNAGE A



SIGNAGE B



NOTES:

1. ALL SIGNS SHALL BE RED IN COLOR WITH WHITE REFLECTIVE LETTERING.
2. OUTSIDE SIGNS SHALL BE 0.08 GAUGE ALUMINUM OR EQUIVILANT, SECURED TO THE DOOR, OR THE SIGN MAY BE STENCILED ON THE DOOR. STENCILING SHALL BE RED BACKGROUND WITH WHITE REFLECTIVE LETTERING.
3. INSIDE SIGNS SHALL BE OF DURABLE MATERIAL.

DETAIL NO.

FD106
NTS



CITY OF CHANDLER
STANDARD DETAIL

FIRE RISER ROOM AND FIRE ALARM PANEL SIGNAGE

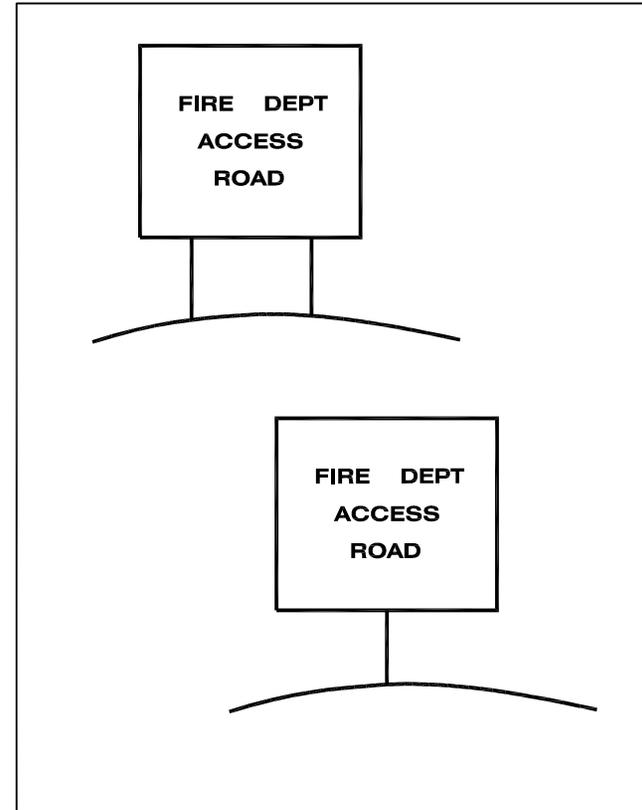
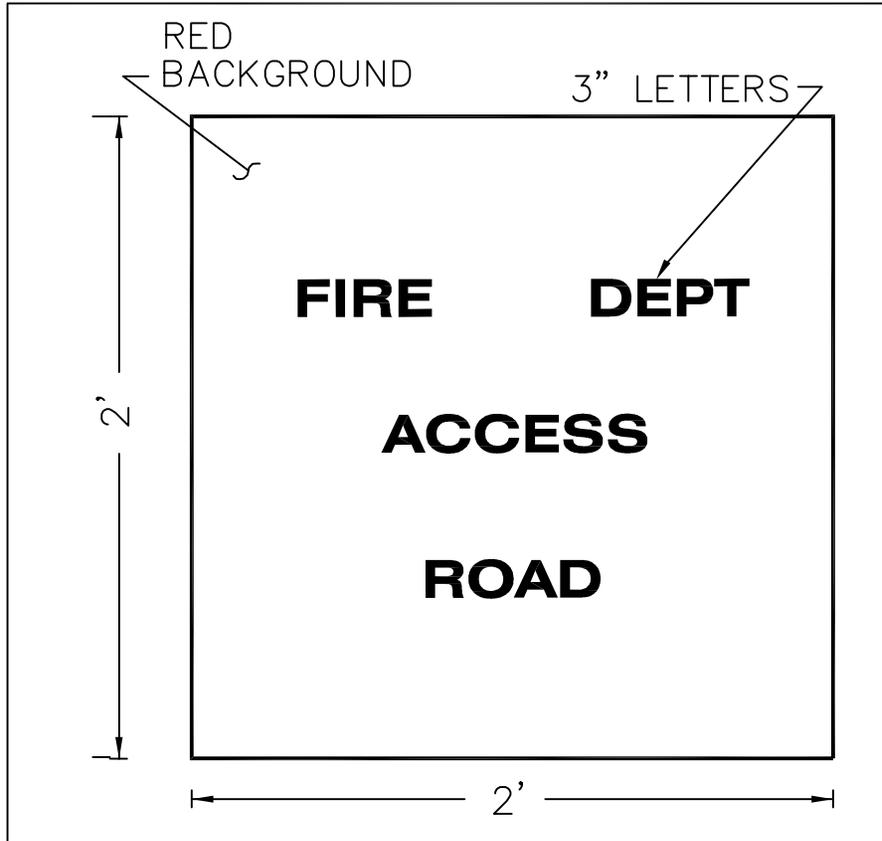
APPROVED:

Max DeWalter
FIRE MARSHAL

DATE: 10/05/2010

DETAIL NO.

FD106
NTS



NOTES:

1. ALL SIGNS SHALL BE RED IN COLOR WITH WHITE REFLECTIVE LETTERING.
2. SIGNS SHALL BE POSTED AT ALL FIRE DEPT ACCESS POINTS TO THE SITE.
3. SIGNS SHALL BE MADE OF DURABLE OR ALL WEATHER MATERIALS.
4. SIGNS SHALL BE MOUNTED ON EITHER A SINGLE CENTER POST OR DOUBLE SIDE POST. POST MAY BE STEEL OR WOOD.
5. TOP OF SIGN SHALL BE 6-8 FEET FROM FINISH GRADE.
6. SIGNS SHALL BE POSTED WHEN TEMPORARY FIRE DEPARTMENT ACCESS ROADS ARE INSTALLED.
7. SIGNS SHALL BE REMOVED WHEN PERMANENT ROADS ARE COMPLETED.

DETAIL NO.

FD107
NTS



CITY OF CHANDLER
STANDARD DETAIL

**TEMPORARY FIRE DEPT
ACCESS ROAD SIGNAGE**

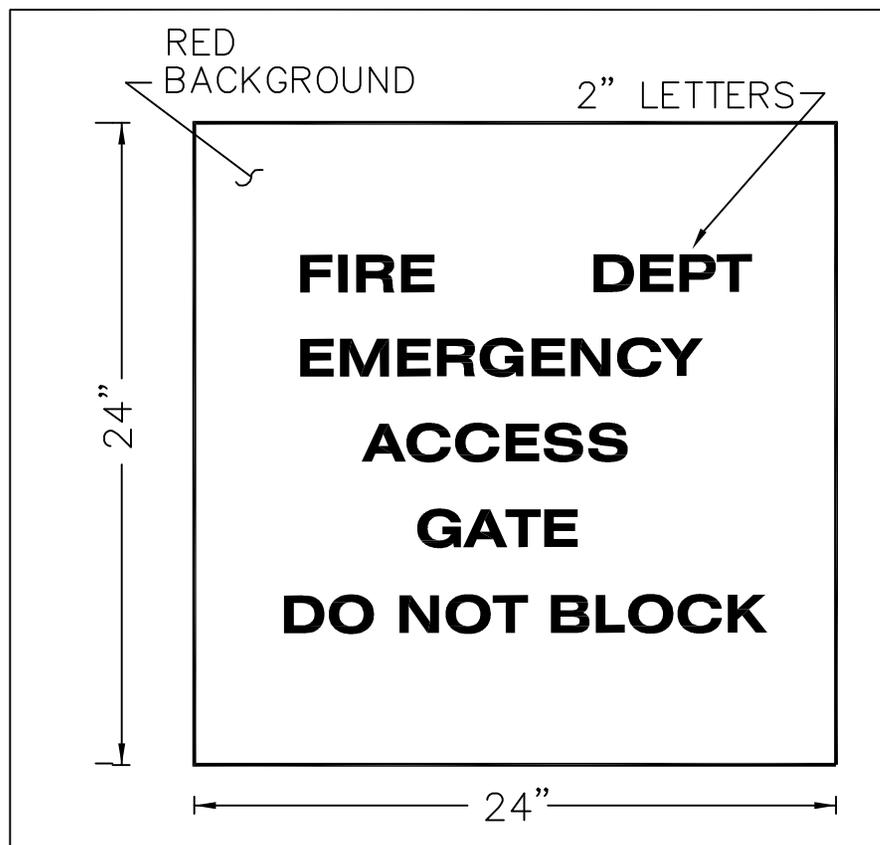
APPROVED:

Mark DeJalbe
FIRE MARSHAL

DATE: 10/05/2010

DETAIL NO.

FD107
NTS



NOTES:

1. ALL SIGNS SHALL BE RED IN COLOR WITH WHITE REFLECTIVE LETTERING.
2. SIGNS SHALL BE POSTED AT ALL FIRE DEPT EMERGENCY GATE ACCESSSES.
3. SIGNS SHALL BE MADE OF DURABLE OR ALL WEATHER MATERIALS.
4. SIGNS SHALL BE MOUNTED ON BOTH SIDES OF THE GATE.

DETAIL NO.

FD108

NTS



CITY OF CHANDLER
STANDARD DETAIL

**TEMPORARY FIRE DEPT
ACCESS ROAD SIGNAGE**

APPROVED:

Mark DeWaller
FIRE MARSHAL

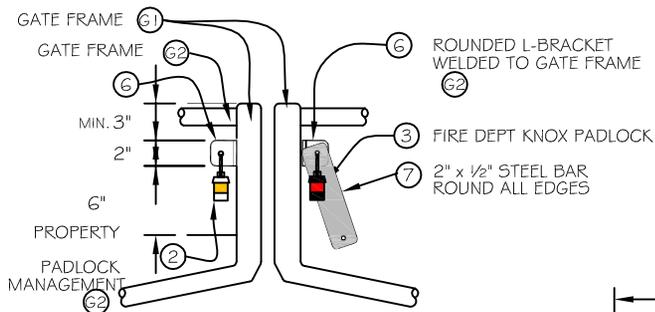
DATE:

10/05/2010

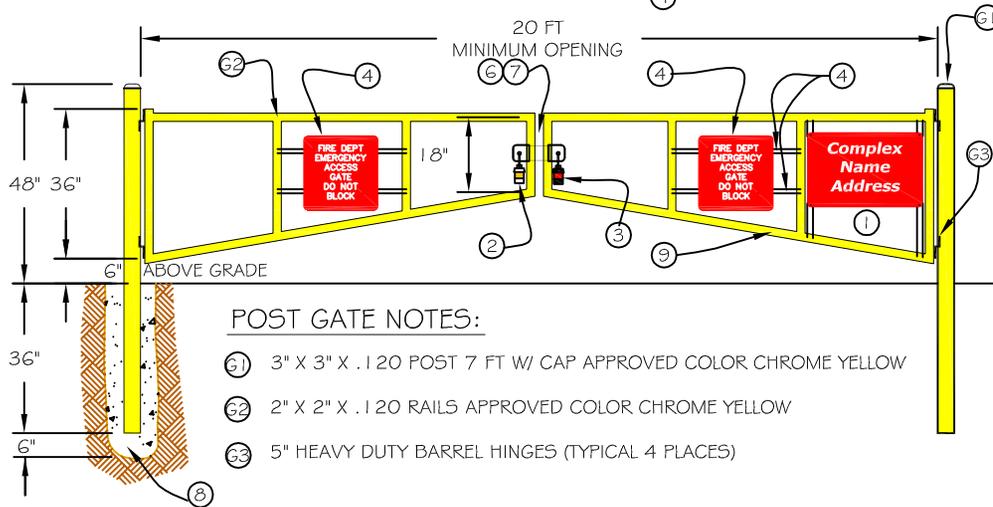
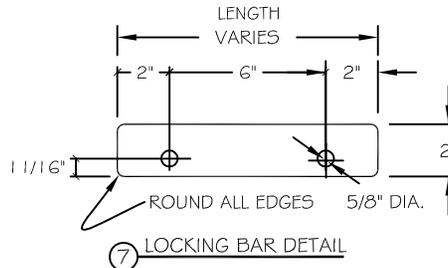
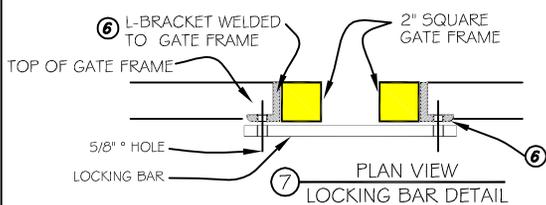
DETAIL NO.

FD108

NTS



BAR DETAIL UNLOCKED POSITION



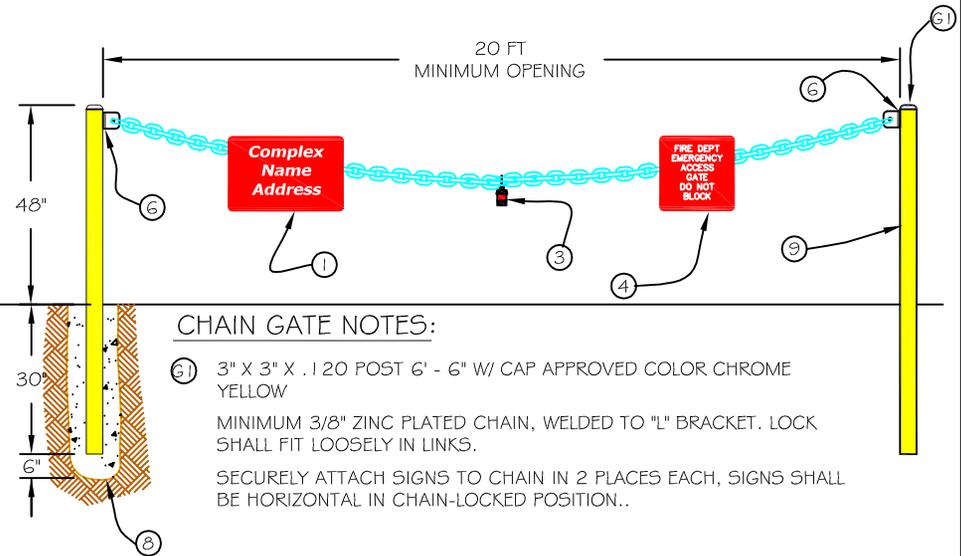
POST GATE NOTES:

- ⑤ 3" X 3" X .120 POST 7 FT W/ CAP APPROVED COLOR CHROME YELLOW
- ⑥ 2" X 2" X .120 RAILS APPROVED COLOR CHROME YELLOW
- ⑦ 5" HEAVY DUTY BARREL HINGES (TYPICAL 4 PLACES)

TYPE 'A' DOUBLE SWING GATE

GENERAL NOTES:

- ① APPROVED SIGN, (2" LETTERS HELVETICA MEDIUM, 36" x 24"), RED BACKGROUND WITH WHITE REFLECTIVE LETTERING, TO IDENTIFY THE NAME OF THE COMPLEX AND THE LOCATION (ADDRESS). 1/4" X 1/2" MOUNTING STRAPS
- ② PROPERTY OWNER/MANAGEMENT PADLOCK
- ③ KNOX PADLOCK SHALL BE ACCESSIBLE FROM BOTH SIDES OF GATE. (KNOX PADLOCK CAN BE PURCHASED AT www.knoxbox.com, enter "chandler" for the City.)
- ④ "FD EMERGENCY ACCESS DO NOT BLOCK" FD 108 SIGNS (2" LETTERS, 24" x 24"), RED BACKGROUND WITH WHITE REFLECTIVE LETTERS, PLACED BACK TO BACK AND FASTENED ON ALL 4 CORNERS. 1/4" X 1/2" MOUNTING STRAPS
- ⑤ THE MINIMUM OVERALL WIDTH OF THE GATE OPENING SHALL BE 20 FT.
- ⑥ WELD MODIFIED L-BRACKET TO GATE FRAME OR POST. ROUND ALL EDGES. (TYPICAL 2 PLACES)
- ⑦ LOCKING BAR LENGTH IS DETERMINED BY THE FRAME WIDTH AND THE GAP WIDTH BETWEEN THE 2 GATES. REMOVE ALL SHARP EDGES / ROUND ALL CORNERS.
- ⑧ 24" DIAMETER CONCRETE POST FOOTINGS. (TYPICAL)
- ⑨ POSTS AND GATES SHALL BE PAINTED CHROME YELLOW.



CHAIN GATE NOTES:

- ⑤ 3" X 3" X .120 POST 6' - 6" W/ CAP APPROVED COLOR CHROME YELLOW
- MINIMUM 3/8" ZINC PLATED CHAIN, WELDED TO "L" BRACKET. LOCK SHALL FIT LOOSELY IN LINKS.
- SECURELY ATTACH SIGNS TO CHAIN IN 2 PLACES EACH, SIGNS SHALL BE HORIZONTAL IN CHAIN-LOCKED POSITION..

TYPE 'B' CHAIN GATE

DETAIL NO.

FD109

NTS



CITY OF CHANDLER
STANDARD DETAIL

**EMERGENCY ACCESS
BARRIER**

APPROVED:

Max Walker

DATE: 9/24/2012

DETAIL NO.

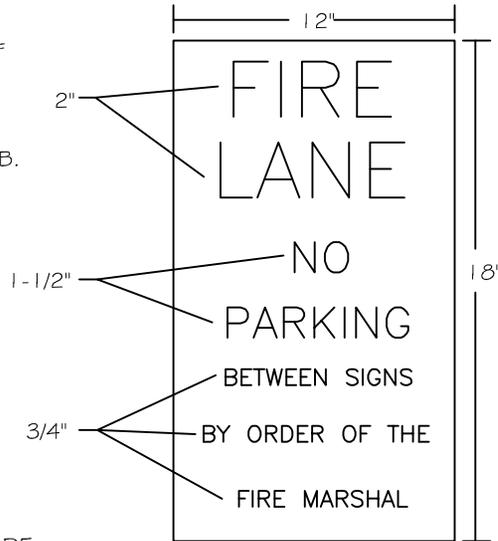
FD109

NTS

MINIMUM ACCESSWAY WIDTH FOR FIRE LANE SIGN PLACEMENT

* WIDTH	PARKING CONDITIONS	SIGNS REQUIRED
LESS THAN 29'	NO PARKING ON EITHER SIDE OF STREET	THIS DETAIL
29' TO LESS THAN 35'	PARKING ON ONE SIDE OF STREET ONLY	ONE SIDE
35' OR MORE	PARKING ON BOTH SIDES OF STREET	NOT REQUIRED

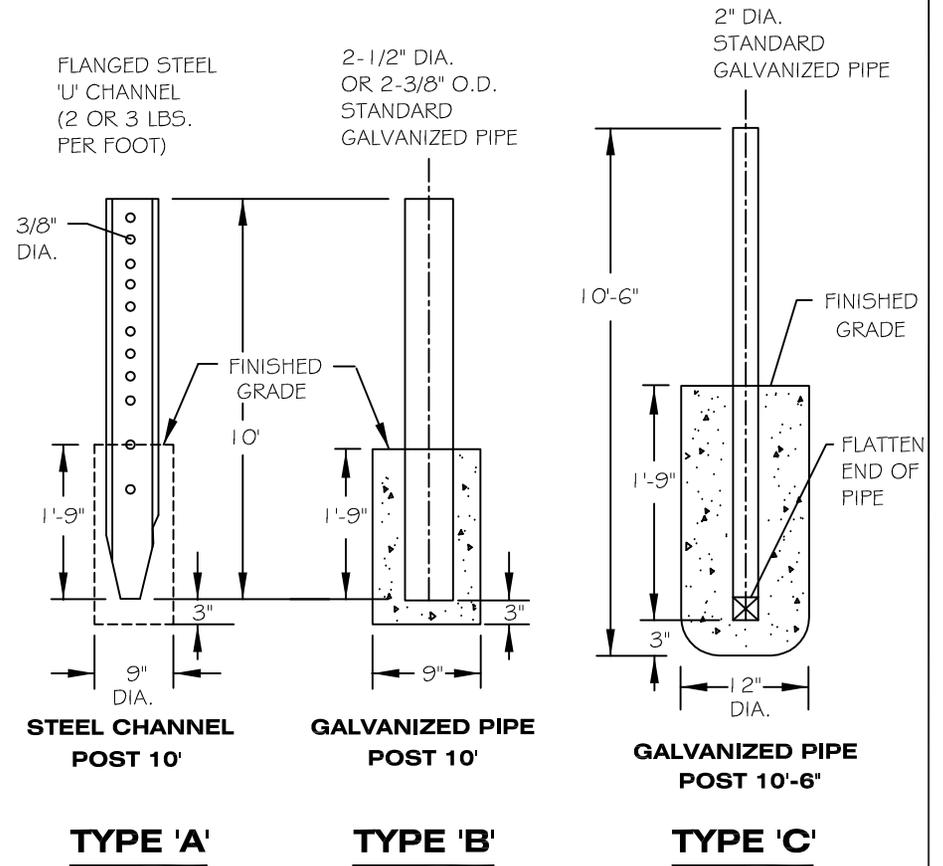
- * ROLLED CURBS SHALL BE MEASURED FROM BACK OF CURB TO BACK OF CURB.
- * ALL OTHER CURBS SHALL BE MEASURED FROM FACE OF CURB TO FACE OF CURB.



NOTES:

1. 2" LETTERS ARE 5/8" WIDE
2. 1-1/2" LETTERS ARE 1/2" WIDE
3. 3/4" LETTERS ARE 1/8" WIDE
4. ALL LETTERS ARE RED WITH A WHITE BACKGROUND
5. THE SIGNS ARE TO BE MOUNTED ON A POST AS PER DETAIL SHOWN.
6. THE BOTTOM OF THE SIGN IS TO BE 7' ABOVE GRADE AND NO MORE THAN 75' APART.
7. CURBING SHALL BE PAINTED BRILLIANT RED, UNLESS A WRITTEN VARIANCE IS PROVIDED TO THE FIRE MARSHAL FOR APPROVAL.
8. THESE SIGNS ARE NOT SUPPLIED BY THE CITY OF CHANDLER

FIRE LANE SIGN BASE



TYPE 'A': USE DRIVING HEAD FOR DRIVING ALL FLANGED STEEL 'U' CHANNEL POSTS. IN LIEU OF DRIVING, FLANGED STEEL 'U' CHANNEL POSTS MAY BE SET IN CONCRETE BASE FOUNDATION AS PER TYPE 'B' BASE.
 TYPE 'B' & 'C': CONCRETE BASE FOUNDATIONS SHALL BE CLASS 'C' CONCRETE.

DETAIL NO.

FD111
NTS



CITY OF CHANDLER
STANDARD DETAIL

FIRE LANE SIGNAGE

APPROVED:

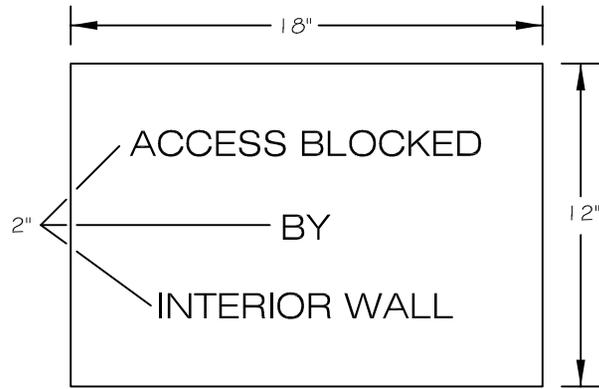
Mark DeWalter
FIRE MARSHAL

DATE: 7/30/2010

DETAIL NO.

FD111
NTS

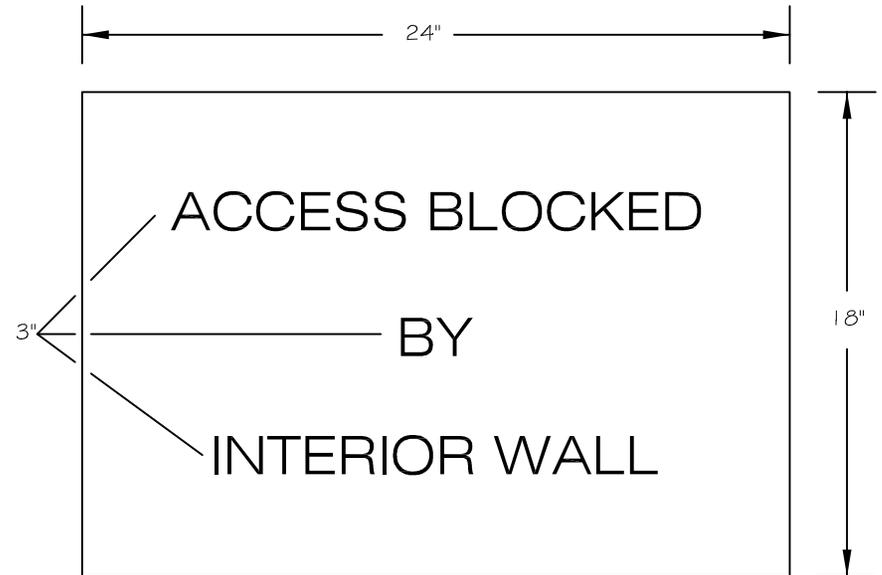
PERSONNEL ENTRY/EXIT DOOR



NOTES:

1. LETTERS SHALL BE 2" IN HEIGHT.
2. LETTERING SHALL BE WHITE REFLECTIVE WITH A RED BACKGROUND.
3. SIGNS SHALL BE 0.08 GAUGE ALUMINUM.
4. SIGNS SHALL BE SECURED TO THE DOOR IN A PERMANENT FASHION. NO GLUE.
5. TOP OF SIGN SHALL BE 6' ABOVE FINISHED GRADE.

OVERHEAD GARAGE DOOR



NOTES:

1. LETTERS SHALL BE 3" IN HEIGHT.
2. LETTERING SHALL BE WHITE REFLECTIVE WITH A RED BACKGROUND.
3. SIGNS SHALL BE 0.08 GAUGE ALUMINUM.
4. SIGNS SHALL BE SECURED TO THE DOOR IN A PERMANENT FASHION. NO GLUE.
5. TOP OF SIGN SHALL BE 6' ABOVE FINISHED GRADE.

DETAIL NO.

FD115
NTS



CITY OF CHANDLER
STANDARD DETAIL

**BLOCKED DOOR SIGNAGE
(INTERIOR WALL)**

APPROVED:

Mark DeSalvo
FIRE MARSHAL

DATE: 10/05/2010

DETAIL NO.

FD115
NTS

COLOR CODE

THE CITY OF CHANDLER WATER DIVISION AND FIRE DEPARTMENT UTILIZE THE FOLLOWING COLOR CODE IN DISTINGUISHING THE VARIOUS TYPES OF FIRE HYDRANTS:

1. CAT YELLOW: THE BARREL AND BONNET OF ALL FIRE HYDRANTS INSTALLED ON PUBLIC WATER MAINS IN RIGHTS-OF-WAY AND IN PUBLIC UTILITY EASEMENTS (PUE'S) SHALL BE PAINTED CAT YELLOW.
2. GLOSS BLACK/CAT YELLOW: THE BONNET OF ALL FIRE HYDRANTS INSTALLED ON PRIVATELY OWNED AND MAINTAINED WATER MAINS SHALL BE PAINTED GLOSS BLACK. THE BARREL SHALL BE PAINTED CAT YELLOW.
3. BRILLIANT RED: THE BARREL AND BONNET OF ALL FIRE HYDRANTS INSTALLED ON PRIVATE FIRE LINES SHALL BE PAINTED BRILLIANT RED IF THOSE FIRE HYDRANTS ARE SERVED BY FIRE PUMPS OR FIRE DEPARTMENT SIAMESE CONNECTIONS (FDC'S). ALL SUCH FIRE HYDRANTS SHALL BE ISOLATED FROM THE MUNICIPAL WATER SYSTEM BY DOUBLE DETECTOR CHECK VALVES. ALL RED HYDRANTS SHALL BE APPROVED BY THE FIRE MARSHAL.

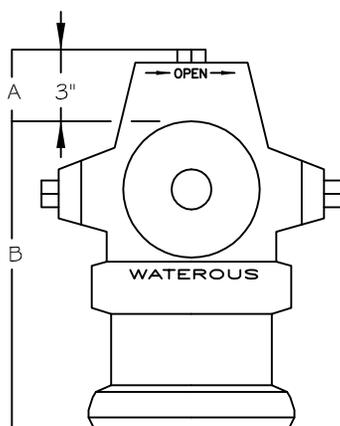
NOTE:

1. ON WATEROUS HYDRANTS ONLY: BONNET (A) WILL BE PAINTED 3" DOWN FROM THE TOP.

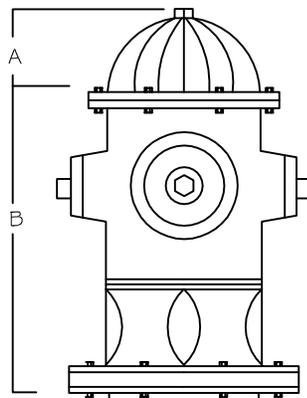
LEGEND:

1. (A) = BONNET (B) = BARREL
2. TYPE DENOTES COLOR CODE DESIGNATION.
(CY) = CAT YELLOW (BR) = BRILLIANT RED
(GB) = GLOSS BLACK

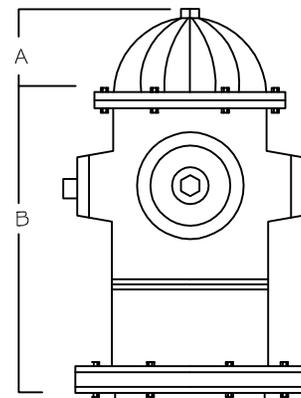
TYPE	A	B
1	CY	CY
2	GB	CY
3	BR	BR



WATEROUS



MUELLER



CLOW

DETAIL NO.

FD121

NTS



CITY OF CHANDLER
STANDARD DETAIL

HYDRANT IDENTIFICATION AND COLOR CODING

APPROVED:

Mark DeSalvo
FIRE MARSHAL

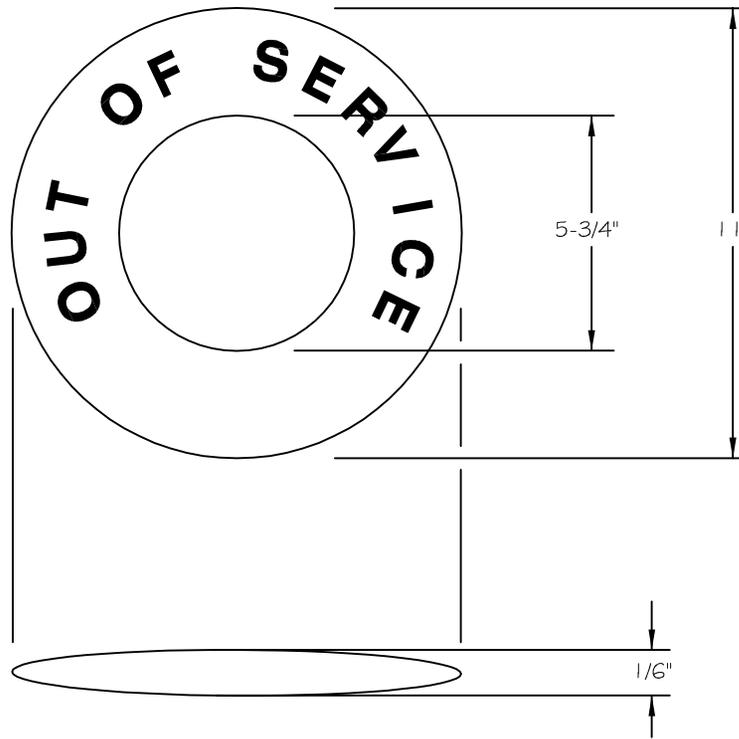
DATE:

7/28/2011

DETAIL NO.

FD121

NTS



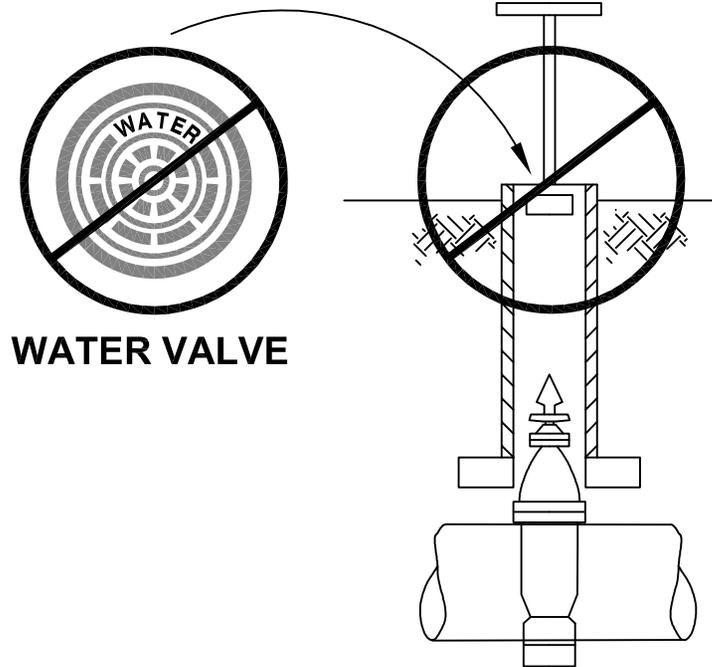
NOTE:

ALL FIRE HYDRANTS INSTALLED ON PRIVATE AND PUBLIC WATER LINES SHALL BE PROVIDED WITH "OUT OF SERVICE" SIGNS. UPON COMPLETION OF REQUIRED INSPECTIONS, TESTS, ACCEPTANCE, AND APPROVAL OF THE WATER SYSTEM BY A C.O.C. INSPECTOR AND THE SYSTEM IS VERIFIED TO BE IN SERVICE, THE "OUT OF SERVICE" SIGNS SHALL BE REMOVED. A HYDRANT REMOVED FROM SERVICE SHALL BE PROVIDED AN "OUT OF SERVICE" SIGN WITHIN THE INITIAL 2 HOURS OF THE SERVICE INTERRUPTION. SIGNS SHALL BE IN ACCORDANCE WITH THIS DETAIL. SIGNS SHALL BE PERMANENTLY MARKED AND CONSTRUCTED OF WEATHERPROOF METAL OR RIGID PLASTIC MATERIAL. THE COLOR OF LETTERING ON SIGNS SHALL BE IN HIGH CONTRAST WITH THEIR BACKGROUND. SIGNS SHALL HAVE THE WORDS "OUT OF SERVICE" ON THE SIGN IN BLOCK CAPITAL LETTERS NOT LESS THAN 1 - 1/2" IN HEIGHT WITH A STROKE OF NOT LESS THAN 1/4".

DETAIL NO. FD123 NTS	 CITY OF CHANDLER STANDARD DETAIL	'OUT OF SERVICE' SIGNS	APPROVED:  FIRE MARSHAL DATE: 7/27/2011	DETAIL NO. FD123 NTS
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UNAUTHORIZED PERSONNEL SHUTTING OFF WATER VALVES AND FIRE HYDRANTS ARE IN VIOLATION OF CITY OF CHANDLER CODE. CONTACT WATER DISTRIBUTION 48 HOURS PRIOR TO SCHEDULE ALL SHUT DOWNS - (480) 782-3700 MONDAY-FRIDAY 8:00AM-5:00PM.

APAGAR LAS VALVULAS DE AGUA O LAS BOCAS DE INCENDIOS A PERSONAL NO AUTORIZADO ESTAN VIOLANDO EL CODIGO DEL LA CIUDAD DE CHANDLER. CONTRACTAR DISTRIBUCIÓN DE AGUA 48 HORAS ANTES PARA PROGRAMAR TODOS LOS CIERRES. (480) 782-3700 DE LUNES A VIERNES 8:00AM-5:00PM.



WATER VALVE

SIGNATURE: _____ DATE: _____

THIS IS TO BE POSTED IN THE CONSTRUCTION OFFICE

DETAIL NO.

FD124

NTS



CITY OF CHANDLER
STANDARD DETAIL

**UNAUTHORIZED
WATER VALVE SHUT OFF**

APPROVED:

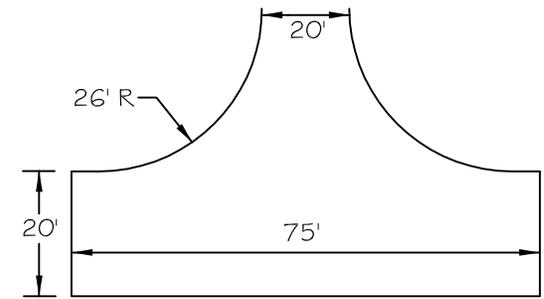
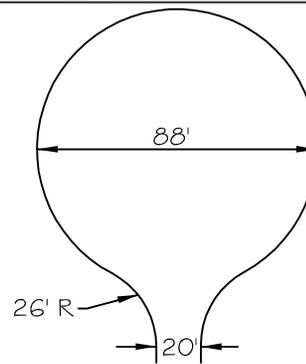
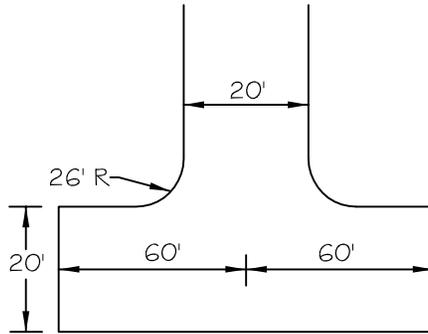
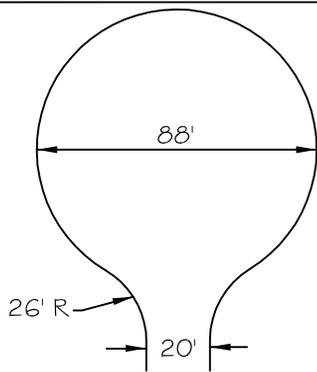
Mart DeJalke
FIRE MARSHAL

DATE: 7/30/2010

DETAIL NO.

FD124

NTS



DETAIL A

* DIMENSIONS SHOWN ARE MINIMUM ACCEPTABLE. ROLLED CURBS SHALL BE MEASURED FROM BACK-OF-CURB TO BACK-OF-CURB. ALL OTHER CURBS SHALL BE MEASURED FROM FACE-OF-CURB TO FACE-OF-CURB.

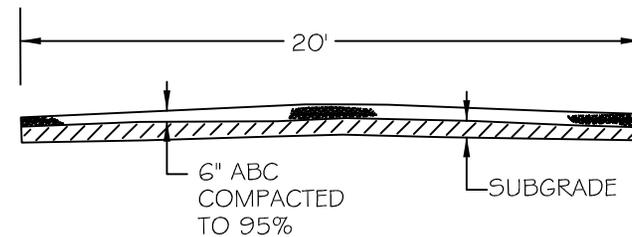
TURNAROUNDS: ALL DEAD-END FIRE APPARATUS ACCESS ROADS IN EXCESS OF 150 FEET IN LENGTH SHALL BE PROVIDED WITH APPROVED APPARATUS TURNAROUNDS.

SURFACE: FIRE APPARATUS ACCESS ROADS SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF FIRE APPARATUS (50,000 LBS. MIN) AND SHALL BE PROVIDED WITH A SURFACE SO AS TO PROVIDE ALL-WEATHER DRIVING CAPABILITIES.

HEIGHT: UNOBSTRUCTED VERTICAL CLEARANCE SHALL BE NOT LESS THAN 13 FEET 6 INCHES.

WIDTH: UNOBSTRUCTED WIDTH SHALL NOT BE LESS THAN 20 FEET.

PERMANENT



DETAIL B

NOTES:

1. TEMPORARY ACCESS ROADWAYS SHALL BE IN ACCORDANCE WITH THE FIRE CODE.
2. ROADWAYS SHALL BE CONSTRUCTED AS PER DETAIL B ABOVE AND FIRE APPARATUS TURNAROUNDS SHALL BE IN ACCORDANCE WITH EITHER EXAMPLE IN DETAIL A ABOVE WHEN THE ROADWAYS ARE IN EXCESS OF 150 FEET.

TEMPORARY

DETAIL NO.
FD141
NTS

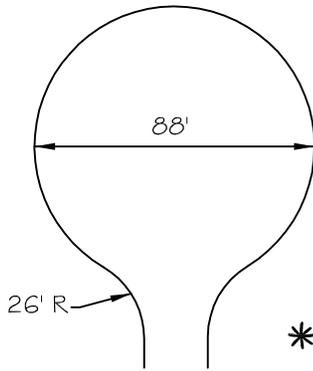


CITY OF CHANDLER
STANDARD DETAIL

**FIRE APPARATUS
ROADWAYS AND TURNAROUNDS**

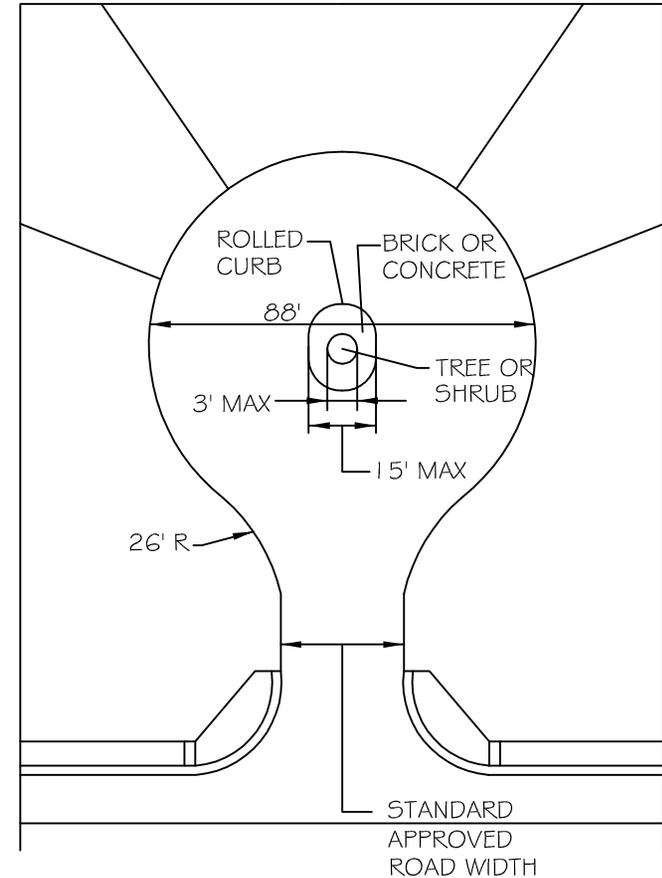
APPROVED: *Mark Decker*
DATE: 4/2/2013

DETAIL NO.
FD141
NTS



* DIMENSIONS SHOWN ARE MINIMUM ACCEPTABLE. ROLLED CURBS SHALL BE MEASURED FROM BACK-OF-CURB TO BACK-OF-CURB. ALL OTHER CURBS SHALL BE MEASURED FROM FACE-OF-CURB TO FACE-OF-CURB.

- TURNAROUNDS: ALL DEAD-END FIRE APPARATUS ACCESS ROADS IN EXCESS OF 150 FEET IN LENGTH SHALL BE PROVIDED WITH APPROVED APPARATUS TURNAROUND.
- SURFACE: FIRE APPARATUS ACCESS ROADS SHALL BE DESIGNED AS PER COC ROADWAY STANDARDS.
- HEIGHT: UNOBSTRUCTED VERTICAL CLEARANCE SHALL BE NOT LESS THAN 13 FEET 6 INCHES.
- WIDTH: UNOBSTRUCTED WIDTH SHALL NOT BE LESS THAN STANDARD APPROVED ROAD WIDTH.



LANDSCAPE IN CUL-DE-SAC

DETAIL NO.
FD143
NTS

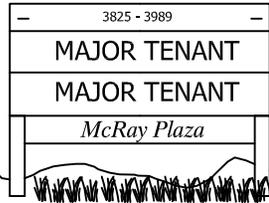


CITY OF CHANDLER
STANDARD DETAIL

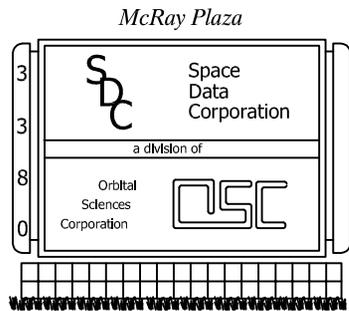
**FIRE APPARATUS
ROADWAYS AND TURNAROUNDS
PRIVATE RESIDENTIAL CUL-DE-SAC**

APPROVED: *Max DeWaller*
DATE: 4/2/2013

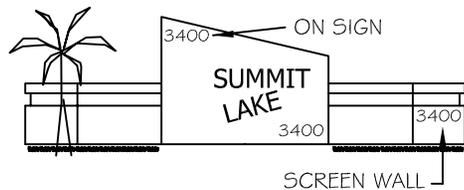
DETAIL NO.
FD143
NTS



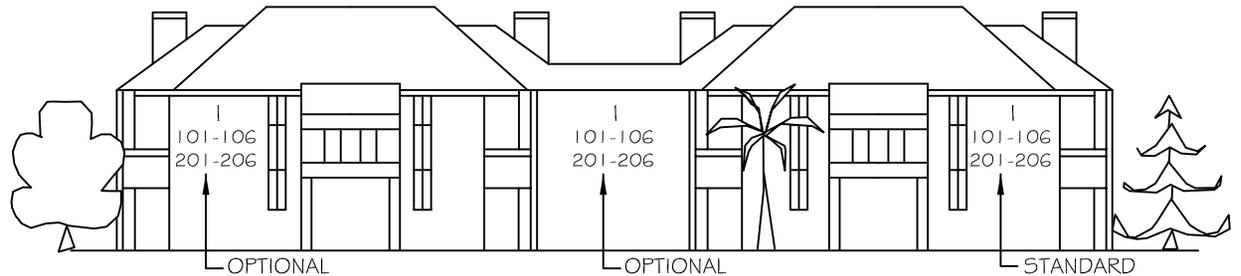
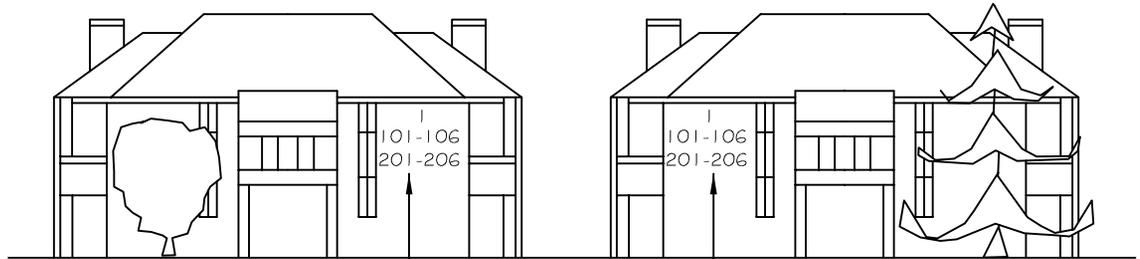
THE ADDRESS NUMBERS SHALL BE POSTED ON THE TOP CENTER IDENTIFICATION SIGN AT MAIN ENTRANCE OF COMMERCIAL MALL, CENTER, VILLAGE, OR SQUARE, SO AS TO BE VISIBLE FROM A NORTH-SOUTH OR EAST-WEST DIRECTION.



PERMANENT FIXTURE WITH THE SITUS ADDRESS SHALL BE PLACED IN A CONSPICUOUS LOCATION IF NOT VIEWABLE FROM THOROUGHFARE FRONTAGE SO AS TO BE VISIBLE FROM A NORTH-SOUTH OR EAST-WEST DIRECTION.



ADDRESS SHALL BE DISPLAYED ON THE TOP PORTION OF THE COMPLEX IDENTIFICATION SIGN OR ON THE TOP PORTION OF THE SCREEN WALL AT THE MAIN ENTRANCE SO AS TO BE VISIBLE FROM A NORTH-SOUTH OR EAST-WEST DIRECTION



BUILDING IDENTIFICATION NUMBERS AND INTERVAL OF SUB-STRUCTURE SUFFIXES ASSIGNED TO INDIVIDUAL UNITS SHALL BE DISPLAYED IN THE UPPER, RIGHT HAND CORNER AT THE END OF EACH BUILDING SO AS TO BE PLAINLY VISIBLE FROM THE ACCESS THOROUGHFARE. ALPHA CHARACTERS MAY BE ASSIGNED FOR BUILDING IDENTIFICATION FOR MULTI FAMILY DEVELOPMENTS WHERE SINGLE DIGIT SUB-STRUCTURE SUFFIXES ARE USED. MULTI FAMILY DEVELOPMENTS WITH INTERNAL DRIVES, BUILDING LETTER/NUMBER AND RANGE OF SUB-STRUCTURE SUFFIXES SHALL BE POSTED ON EACH SIDE OF BUILDING SO AS TO BE CLEARLY VISIBLE FROM ALL ACCESS DRIVES AND THOROUGHFARES. ** EXCEPTION: INTERVAL OF SUB-STRUCTURE SUFFIXES MAY BE DISPLAYED ELSEWHERE ON BUILDING DUE TO REQUIRED LANDSCAPING, SUBJECT TO APPROVAL OF THE STREET NAMING AND ADDRESSING COORDINATOR. COLOR OF NUMBERS/LETTERS AND BACKGROUND SHALL CONTRAST AND CONFORM TO REQUIREMENTS FOR HELVETICA MEDIUM NUMBERING/LETTERING DISTANCE AT WHICH LETTERS/NUMBERS SHALL BE LEGIBLE FROM CENTER OF THOROUGHFARE:

- 0-50' 4" - APPLIES TO SINGLE FAMILY RESIDENTIAL, MULTI-FAMILY, COMMERCIAL MALLS, CENTERS, OR VILLAGES.
- 50-200' 10" - INTERVAL OF LOW-HIGH SUB-STRUCTURES SUFFIXES FOR MULTI-FAMILY DEVELOPMENTS MAY BE A MINIMUM OF 6"-8" IN HEIGHT. INTERVAL OF LOW-HIGH SITUS ADDRESSES ON CENTER IDENTIFICATION SIGN MAY BE A MINIMUM OF 8" IN HEIGHT.
- 201-300' - 12"
- 301-400' - 14"

FOR COMMERCIAL MALLS, CENTERS, VILLAGES AND SQUARES, DISTANCE TO BE MEASURED FROM CENTER OF ACCESS DRIVE TO STRUCTURE(S).

NOTES:

1. THERE SHALL BE NO LANDSCAPING THAT COVERS OR HINDERS THE VIEW OF THE MONUMENT SIGN OR SCREEN WALL FROM THE ROADWAY.
2. ALL SUITES SHALL HAVE THE ADDRESS AND SUITE NUMBER ON BOTH THE FRONT AND BACK DOOR(S).

DETAIL NO.

FD151
NTS



CITY OF CHANDLER
STANDARD DETAIL

ADDRESS IDENTIFICATION

APPROVED:

Mart DeSalvo
FIRE MARSHAL

DATE: 7/30/2010

DETAIL NO.

FD151
NTS