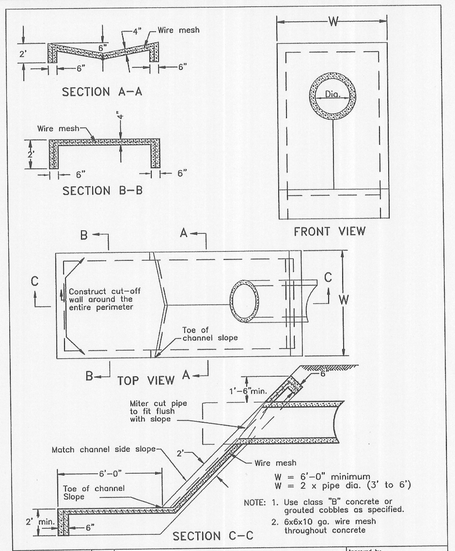


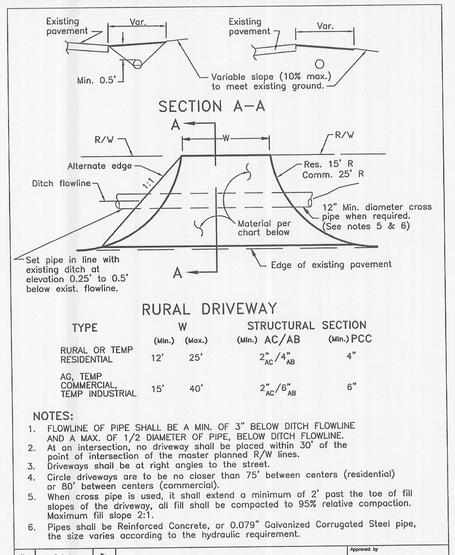
No.	Revised	By
1	April 1996	PD

Drawn by JLD
Checked by
Scale NONE

EROSION CONTROL PIPE DISCHARGE

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

Approved by
Director of Public Works
Date JUNE 1997
Drawing No. D–22



RURAL DRIVEWAY

TYPE	W (Min.)	W (Max.)	STRUCTURAL SECTION (Min.) AC/AB	(Min.) PCC
RURAL OR TEMP RESIDENTIAL	12'	25'	$2''_{AC}/4''_{AB}$	4"
AG, TEMP COMMERCIAL, TEMP INDUSTRIAL	15'	40'	$2''_{AC}/6''_{AB}$	6"

NOTES:

1. FLOWLINE OF PIPE SHALL BE A MIN. OF 3" BELOW DITCH FLOWLINE AND A MAX. OF 1/2 DIAMETER OF PIPE, BELOW DITCH FLOWLINE.
2. At on intersection, no driveway shall be placed within 30' of the point of intersection of the master planned R/W lines.
3. Driveways shall be at right angles to the street.
4. Circle driveways are to be no closer than 75' between centers (residential) or 80' between centers (commercial).
5. When cross pipe is used, it shall extend a minimum of 2' past the toe of fill slopes of the driveway, all fill shall be compacted to 95% relative compaction. Maximum fill slope 2:1.
6. Pipes shall be Reinforced Concrete, or 0.079" Galvanized Corrugated Steel pipe, the size varies according to the hydraulic requirement.

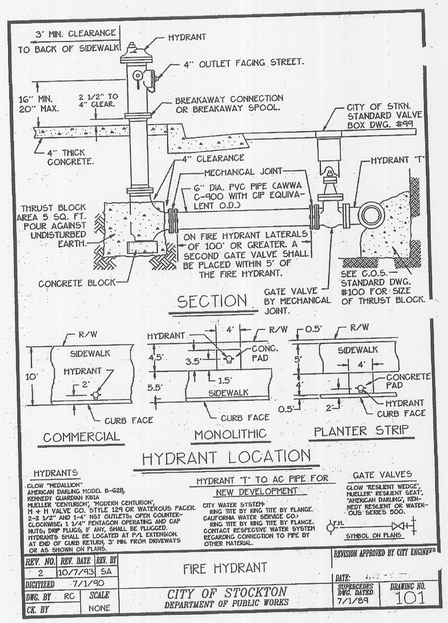
No.	Revised	By
1	Feb. 1996	PD

Drawn by JLD
Checked by
Scale NONE

DRIVEWAYS RURAL, AG, & TEMP

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

Approved by
Director of Public Works
Date SEPT. 1991
Drawing No. R – 17



HYDRANT LOCATION

HYDRANTS
GLOW "MEDALLION"
AMERICAN DARLING MODEL B-62B,
REDNECK GUARDIAN 930A.
MUELLER "CENTURION", "MODERN CENTURION",
M + H VALVE CO. STYLE 129 OR WATERGUS PACER.
2-2 1/2" AND 1-4" NST OUTLETS, OPEN COUNTER-CLOCKWISE, 1 1/4" PENTAGON OPERATING AND CAP NUTS, DRIP PLUGS, IF ANY, SHALL BE PLUGGED. HYDRANTS SHALL BE LOCATED AT P/L EXTENSION AT END OF CURB RETURN, 3' MIN. FROM DRIVEWAYS OR AS SHOWN ON PLANS.

HYDRANT "T" TO AC PIPE FOR NEW DEVELOPMENT
CITY WATER SYSTEM
RING TITE BY RING TITE BY FLANGE.
CALIFORNIA WATER SERVICE CO.)
RING TITE BY RING TITE BY FLANGE.
CONTACT RESPECTIVE WATER SYSTEM REGARDING CONNECTION TO PIPE BY OTHER MATERIAL.

GATE VALVES
GLOW "RESILIENT WEDGE",
MUELLER "RESILIENT SEAT",
"AMERICAN DARLING", NEW-PORT RESILIENT OR WATER-GUS SERIES 500.

SYMBOL ON PLANS.

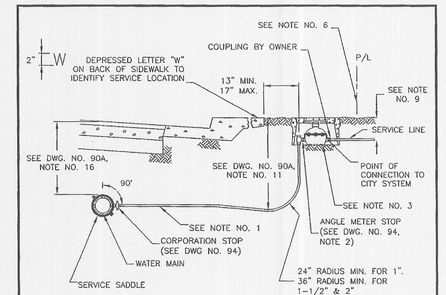
REV. NO.	REV. DATE	REV. BY
2	10/7/93	SA

DIGITIZED 7/1/90
DWG. BY RC SCALE
CK. BY NONE

FIRE HYDRANT

CITY OF STOCKTON
DEPARTMENT OF PUBLIC WORKS

REVISION APPROVED BY CITY ENGINEER
DATE:
SUPERSEDES DWG. DATED 7/1/84
DRAWING NO. 101



TYPICAL WATER SERVICE INSTALLATION FOR CITY WATER SERVICE AREAS ONLY

NOTES:

1. 1" DIA. MINIMUM LINE TO EACH LOT. PLASTIC SERVICE PIPE TO BE CONTINUOUS WITH NO SPLICING ALLOWED.
2. SEE DWG. NO. 94 AND 94A FOR FITTINGS AND BOX ASSEMBLY.
3. METERS SHALL BE FURNISHED AND INSTALLED BY CITY OF STOCKTON.
4. SERVICE CONNECTION AT THE METER SHALL BE A DEPTH OF 8" MIN. TO 12" MAX.
5. THE LOCATION OF THE TAP SHALL BE A MIN. OF 24" FROM ANOTHER TAP, BELL, SPIGOT, OR OTHER FITTING.
6. METER BOX MAY BE PLACED ADJACENT TO PROPERTY OR EASEMENT LINE WITH PRIOR APPROVAL OF THE CITY ENGINEER.
7. USE BROOKS NO. 37 METER BOX WITH NO. 37 TR/PL (TOUCH READ/PIT PROBE) COVER OR CHRISTY B-12 METER BOX WITH B12 TR/PL COVER. ALL BOXES LOCATED IN DRIVEWAY AREAS TO HAVE TRAFFIC COVERS MEET HS20 44 LOADING WITH TOUCH READ HOLE 1-3/4" DIA. HOLE FOR T/R METER IN UPPER RIGHT OR LOWER LEFT CORNER OF LID.
8. MAY REQUIRE INSTALLATION OF A BACKFLOW PREVENTION DEVICE PER CITY OF STOCKTON ORD. 93-0138, SECTION 1.C OR AS UPDATED, AT THE DISCRETION OF MUNICIPAL UTILITY DEPARTMENT.
9. SERVICE LINES FROM ALL METERS TO PROPERTY LINES SHALL HAVE A MINIMUM OF 8" OF COVER FROM TOP OF SIDEWALK OR GROUND LINE.

REV. NO.	REV. DATE	REV. BY
7	8/1/2000	KE/RH

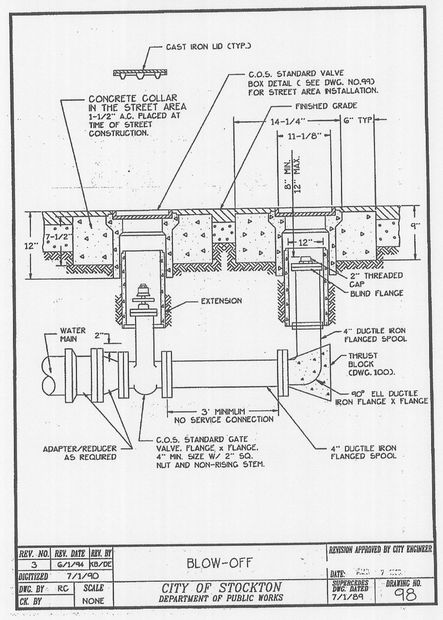
DIGITIZED 7/1/90
DWG. BY RC SCALE
CK. BY NONE

WATER SERVICE INSTALLATION 1", 1.5", AND 2" SERVICE

CITY OF STOCKTON
DEPARTMENT OF PUBLIC WORKS

REVISION APPROVED BY CITY ENGINEER
DATE: 01/09/02
SUPERSEDES DWG. DATED 2/23/95
DRAWING NO. 93

C:\PW\FINA\PUBLIC WORKS\JCAD\DRAWINGS\STDS_2000\990_D90\93.DWG



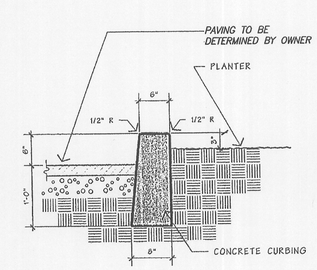
REV. NO.	REV. DATE	REV. BY
3	6/1/94	KB/DE

DIGITIZED 7/1/90
DWG. BY RC SCALE
CK. BY NONE

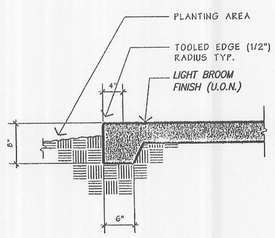
BLOW-OFF

CITY OF STOCKTON
DEPARTMENT OF PUBLIC WORKS

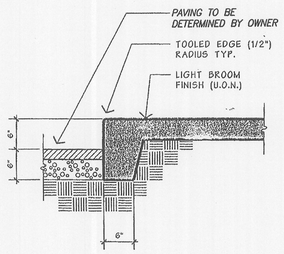
REVISION APPROVED BY CITY ENGINEER
DATE:
SUPERSEDES DWG. DATED 7/1/89
DRAWING NO. 98



DETAIL A – CONCRETE CURB
N.T.S.



DETAIL B – CONCRETE CURB
N.T.S.



DETAIL C – CONCRETE CURB
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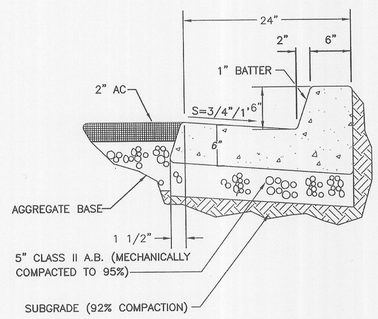
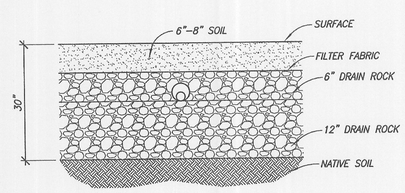


DETAIL D – CURB & GUTTER
N.T.S.



FILTER BED DETAIL
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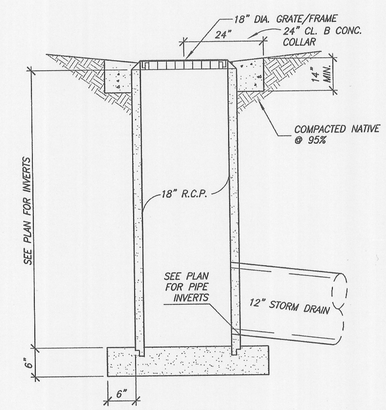
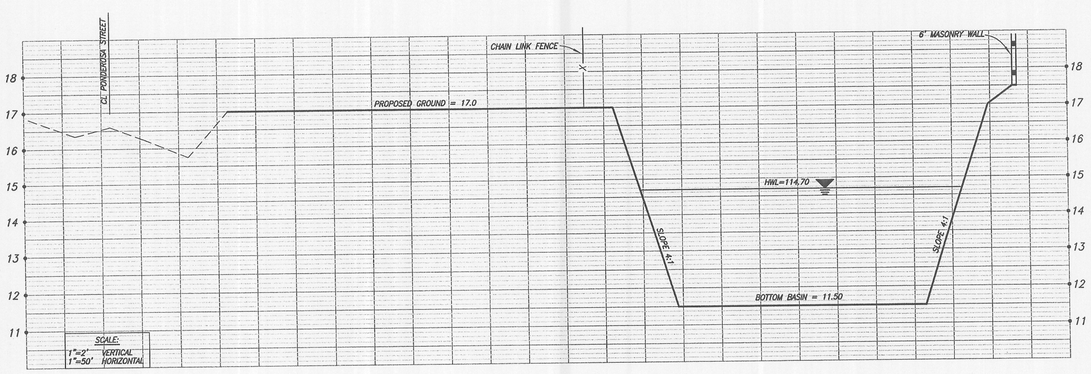
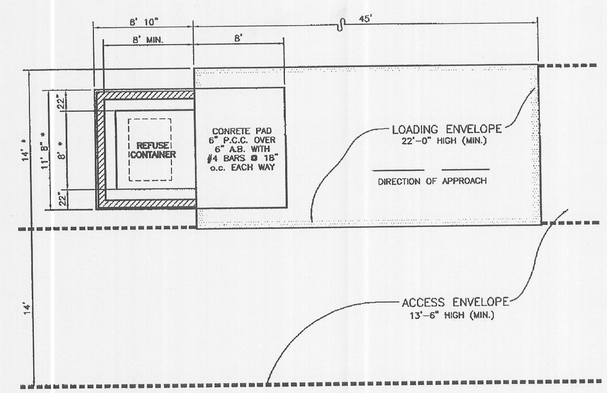


INLET DETAIL
N.T.S.



SECTION Ⓐ–Ⓐ



TRASH ENCLOSURE DETAIL
N.T.S.

REGISTERED PROFESSIONAL ENGINEER
RANDALL A. ODELL
No. 29547
Exp. 3/31/07
CIVIL
STATE OF CALIFORNIA

CALL BEFORE YOU DIG
USA
800-227-2600

DETAILS

KINGDOM HALL
OF JEHOVAH'S WITNESSES
7960 PONDEROSA ST.
FRENCH CAMP, CA

O'Dell Engineering
1165 Scenic Drive Modesto, CA 95350
(209) 571-1765 FAX: (209) 571-2466

APPROVED BY:

SCALE N.T.S DR. BY SS, JP, LC
JOB NO. 1218 CK. BY RO
FILE NO. 1218dt DATE 3/30/04

C-7

P:\acad\1218 French Camp Kingdom\1218DT.dwg, 4/14/2004 7:48:01 AM