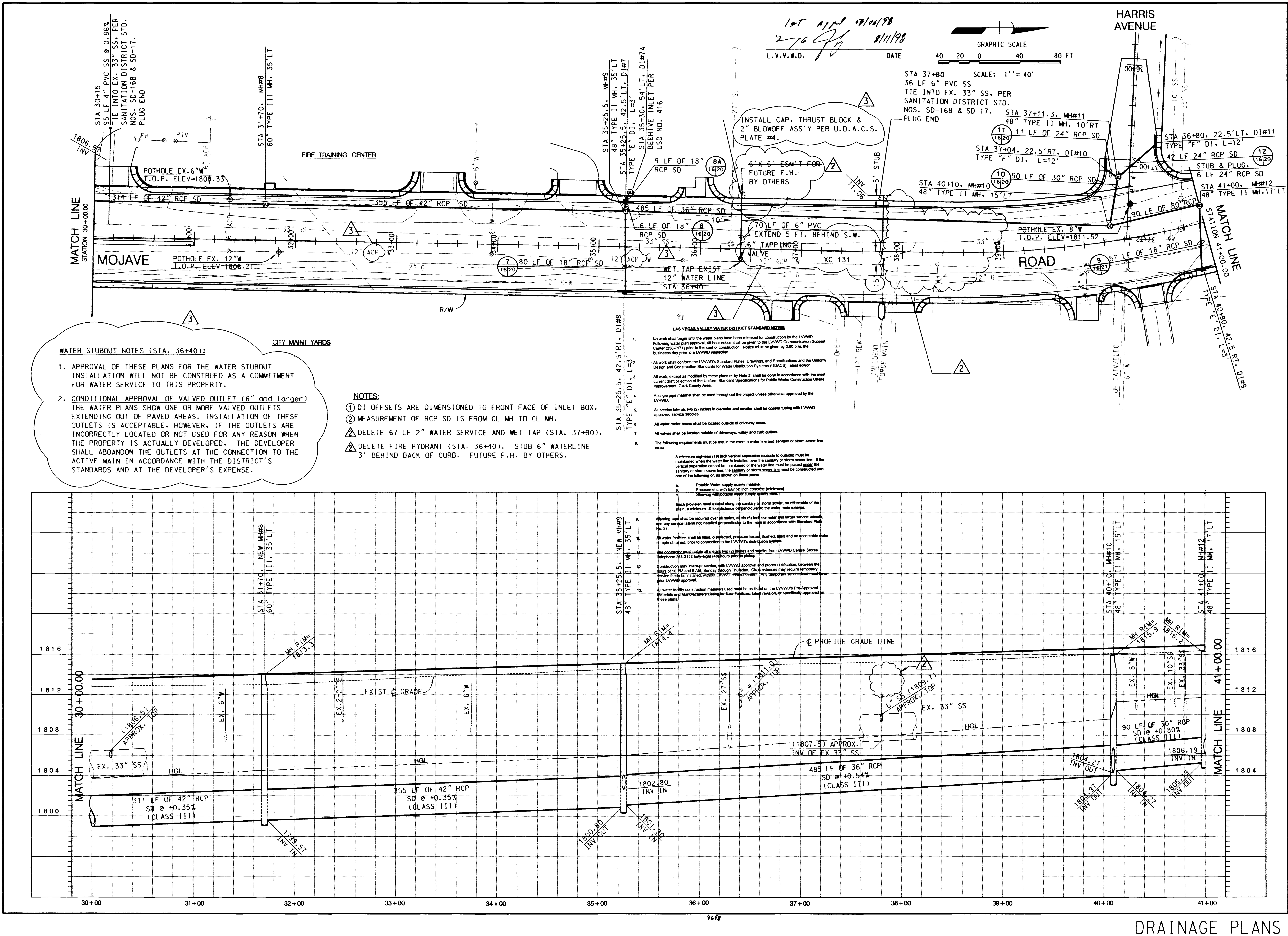
1st Appd 07/06/98

8/11/98

L.V.V.W.D. DATE


STA 30+15
95 LF 4" PVC SS @ 0.86%
TIE INTO EX. 33" SS, PER
SANITATION DISTRICT STD.
NOS. SD-16B & SD-17.
PLUG END
1806.97 INV
FH
PIV
6" ACP
STA 31+70, MH#8
60" TYPE III MH, 35'LT
FIRE TRAINING CENTER
POTHOLE EX.6"W
T.O.P. ELEV=1808.33
311 LF OF 42" RCP SD
355 LF OF 42" RCP SD
MATCH LINE
STATION 30+00.00
MOJAVE
POTHOLE EX. 12"W
T.O.P. ELEV=1806.21
33" SS
12" ACP
2" G
12" REW
R/W
31+00
32+00
33+00
34+00
35+00
36+00
37+00
38+00
39+00
7 16|20
80 LF OF 18" RCP SD
STA 35+25.5, MH#9
48" TYPE II MH, 35'LT
STA 35+25.5, 42.5'LT, DI#7
TYPE "E" DI, L=3'
STA 35+30, 54'LT, DI#7A
BEEHIVE INLET PER
USD NO. 416
9 LF OF 18" RCP SD
8A 16|20
485 LF OF 36" RCP SD
6 LF OF 18" RCP SD
8 16|20
10'
WET TAP EXIST
12" WATER LINE
STA 36+40
27" SS
INSTALL CAP, THRUST BLOCK &
2" BLOWOFF ASS'Y PER U.D.A.C.S.
PLATE #4.
~~6'X 6' ESM'T FOR~~
FUTURE F.H.
BY OTHERS
70 LF OF 6" PVC
EXTEND 5 FT. BEHIND S.W.
6" TAPPING
VALVE
12" ACP
XC 131
INV 11.06
5' STUB
15'
STA 35+25.5, 42.5'RT, DI#8
TYPE "E" DI, L=3'
OHE
12" REW
INFLUENT
FORCE MAIN
OH CATV/ELEC
6" W
CITY MAINT. YARDS
GRAPHIC SCALE
40 20 0 40 80 FT
STA 37+80 SCALE: 1''= 40'
36 LF 6" PVC SS
TIE INTO EX. 33" SS, PER
SANITATION DISTRICT STD.
NOS. SD-16B & SD-17.
PLUG END
HARRIS
AVENUE
36+00
37+00
10" SS
33" SS
STA 37+11.3, MH#11
48" TYPE II MH, 10'RT
11 16|20
11 LF OF 24" RCP SD
STA 37+04, 22.5'RT, DI#10
TYPE "F" DI, L=12'
10 16|20
50 LF OF 30" RCP SD
STA 40+10, MH#10
48" TYPE II MH, 15'LT
STA 36+80, 22.5'LT, DI#11
TYPE "F" DI, L=12'
42 LF 24" RCP SD
12 16|20
STUB & PLUG,
6 LF 24" RCP SD
STA 41+00, MH#12
48" TYPE II MH,17'LT
90 LF OF 30" RCP
POTHOLE EX. 8"W
T.O.P. ELEV=1811.52
37+72
ROAD
9 16|21
57 LF OF 18" RCP SD
MATCH LINE
STATION 41+00.00
STA 40+90, 42.5'RT, DI#9
TYPE "E" DI, L=3'
2
3
STA 31+70, NEW MH#8
60" TYPE III, 35'LT
STA 35+25.5, NEW MH#9
48" TYPE II MH, 35'LT
STA 40+10, MH#10
48" TYPE II MH, 15'LT
STA 41+00, MH#12
48" TYPE II MH, 17'LT
MH RIM= 1813.3
MH RIM= 1814.4
MH RIM= 1815.9
MH RIM= 1816.2
℄ PROFILE GRADE LINE
EXIST ℄ GRADE
EX. 6"W
EX. 2-2"TEL
EX. 6"W
EX. 27"SS
6" W (1811.0) APPROX. TOP
6" SS (1809.7) APPROX. TOP
EX. 33" SS
EX. 8"W
EX. 10"SS
EX. 33"SS
HGL
(1806.5) APPROX. TOP
EX. 33" SS
(1807.5) APPROX.
INV OF EX 33" SS
311 LF OF 42" RCP
SD @ +0.35%
(CLASS III)
355 LF OF 42" RCP
SD @ +0.35%
(CLASS III)
485 LF OF 36" RCP
SD @ +0.54%
(CLASS III)
90 LF OF 30" RCP
SD @ +0.80%
(CLASS III)
1799.57 INV IN
1800.80 INV OUT
1801.30 INV IN
1802.80 INV IN
1804.27 INV OUT
1803.97 INV OUT
1804.27 INV IN
1805.19 INV OUT
1806.19 INV IN
MATCH LINE 30+00.00
MATCH LINE 41+00.00
1816
1812
1808
1804
1800
30+00
31+00
32+00
33+00
34+00
35+00
36+00
37+00
38+00
39+00
40+00
41+00

WATER STUBOUT NOTES (STA. 36+40):

1. APPROVAL OF THESE PLANS FOR THE WATER STUBOUT INSTALLATION WILL NOT BE CONSTRUED AS A COMMITMENT FOR WATER SERVICE TO THIS PROPERTY.
2. CONDITIONAL APPROVAL OF VALVED OUTLET (6" and larger) THE WATER PLANS SHOW ONE OR MORE VALVED OUTLETS EXTENDING OUT OF PAVED AREAS. INSTALLATION OF THESE OUTLETS IS ACCEPTABLE, HOWEVER, IF THE OUTLETS ARE INCORRECTLY LOCATED OR NOT USED FOR ANY REASON WHEN THE PROPERTY IS ACTUALLY DEVELOPED. THE DEVELOPER SHALL ABOANDON THE OUTLETS AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH THE DISTRICT'S STANDARDS AND AT THE DEVELOPER'S EXPENSE.

NOTES:

① DI OFFSETS ARE DIMENSIONED TO FRONT FACE OF INLET BOX.
② MEASUREMENT OF RCP SD IS FROM CL MH TO CL MH.
2 DELETE 67 LF 2" WATER SERVICE AND WET TAP (STA. 37+90).
2 DELETE FIRE HYDRANT (STA. 36+40). STUB 6" WATERLINE 3' BEHIND BACK OF CURB. FUTURE F.H. BY OTHERS.

LAS VEGAS VALLEY WATER DISTRICT STANDARD NOTES

1. No work shall begin until the water plans have been released for construction by the LVVWD. Following water plan approval, 48 hour notice shall be given to the LVVWD Communication Support Center (258-7171) prior to the start of construction. Notice must be given by 2:00 p.m. the busineess day prior to a LVVWD inspection.
2. All work shall conform the LVVWD's Standard Plates, Drawings, and Specifications and the Uniform Design and Construction Standards for Water Distribution Systems (UDACS), latest edition.
3. All work, except as modified by these plans or by Note 2, shall be done in accordance with the most current draft or edition of the Uniform Standard Specifications for Public Works Construction Offsite Improvement, Clark County Area.
4. A single pipe material shall be used throughout the project unless otherwise approved by the LVVWD.
5. All service laterals two (2) inches in diameter and smaller shall be copper tubing with LVVWD approved service saddles.
6. All water meter boxes shall be located outside of driveway areas.
7. All valves shall be located outside of driveways, valley and curb gutters.
8. The following requirements must be met in the event a water line and sanitary or storm sewer line cross:

   A minimum eighteen (18) inch vertical separation (outside to outside) must be maintained when the water line is installed over the sanitary or storm sewer line. If the vertical separation cannot be maintained or the water line must be placed under the sanitary or storm sewer line, the sanitary or storm sewer line must be constructed with one of the following or, as shown on these plans:

   a. Potable Water supply quality material,
   b. Encasement, with four (4) inch concrete (minimum)
   c. Sleeving with potable water supply quality pipe.

   Each provision must extend along the sanitary or storm sewer, on either side of the main, a minimum 10 foot distance perpendicular to the water main exterior.
9. Warning tape shall be required over all mains, all six (6) inch diameter and larger service laterals, and any service lateral not installed perpendicular to the main in accordance with Standard Plate No. 27.
10. All water facilities shall be filled, disinfected, pressure tested, flushed, filled and an acceptable water sample obtained, prior to connection to the LVVWD's distribution system.
11. The contractor must obtain all meters two (2) inches and smaller from LVVWD Central Stores. Telephone 258-3152 forty-eight (48) hours prior to pickup.
12. Construction may interrupt service, with LVVWD approval and proper notification, between the hours of 10 PM and 6 AM, Sunday through Thursday. Circumstances may require temporary service feeds be installed, without LVVWD reimbursement. Any temporary service feed must have prior LVVWD approval.
13. All water facility construction materials used must be as listed on the LVVWD's Pre-Approved Materials and Manufacturers Listing for New Facilities, latest revision, or specifically approved on these plans.

REVISIONS	DATE
1 ADDED 2" W, 6" SS, FH, & DRIVEWAY	11-17-97
2 DELETED 2" WATER SERVICE & F.H.	06-29-98
3 EXTENDED 6" W.L. & ADDED NOTES	08-10-98

SCALE (H):	SCALE (V):	DATE:	DESIGN BY:
1"=40'	1"=4'	06-19-97	S.JACKSON

MK CENTENNIAL
[redacted]

4305 S.INDUSTRIAL RD.
SUITE 185
LAS VEGAS, NV 89103
TEL: 702-798-7314
FAX: 702-798-7451

STEVEN J. JACKSON
No.6020
8-11-98

DEPARTMENT OF PUBLIC WORKS

SHEET:
MOJAVE RD. STORM DRAIN
SD PLAN & PROFILE
STA 30+00 TO STA 41+00

PROJECT:
MOJAVE RD. IMPROVEMENTS
STORM DRAIN PLANS

DRAWING NO. 16/32
107-V2677

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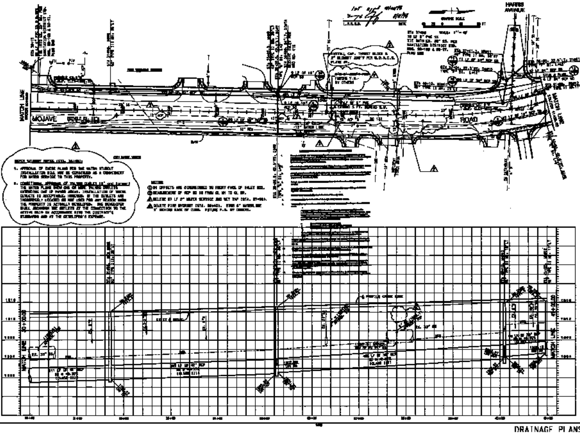
9698

DRAINAGE PLANS



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MK CENTENNIAL

DEPARTMENT OF PUBLIC WORKS

PROJECT:
MOJAVE RD. IMPROVEMENTS
STORM DRAIN PLANS

SHEET:
MOJAVE RD. STORM DRAIN
SD PLAN & PROFILE
STA 30+00 TO STA 41+00

16/

DRAINAGE PLANS