

WASHINGTON AVENUE
(PUBLIC)

HARRIS AVENUE
1+00 (PUBLIC)

28TH STREET (EASTERN AVENUE)
(PUBLIC)
(NDOT ROW SR-607)

ASTER LANE
(PUBLIC)
20'-0" WIDE ALLEY
IMPROVED PROPERTY (APARTMENTS)

TULP LANE
20'-0" WIDE ALLEY
IMPROVED PROPERTY (PUBLIC)
(APARTMENTS)

FIRE HYDRANT INSTALLATION

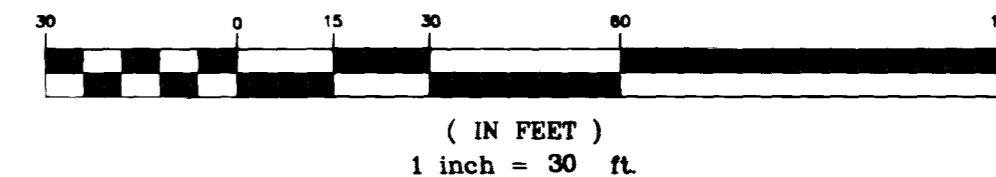
FIRE HYDRANT(S) TO BE INSTALLED IN ACCORDANCE WITH THE UDACS STANDARD PLATE NO. 7.

Call before you Dig
1-800-227-2600

BASIS OF BEARINGS
SOUTH 01°17'00" WEST ALONG THE WESTERLY LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 25, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.M.

BENCHMARK
CITY OF LAS VEGAS BM 2LV0125SWW6, RMET AND PLATE IN TOP OF CURB, SE RETURN EASTERN AVE. AND HARRIS AVE.
NAVD 88 DATUM
ELEVATION = 1840.795 FEET
ELEVATION = 561.0755 METERS

GRAPHIC SCALE



SEWER CONTRIBUTION

AVERAGE FLOW = 0.0026 MGD
PEAK FLOW = 0.0102 MGD

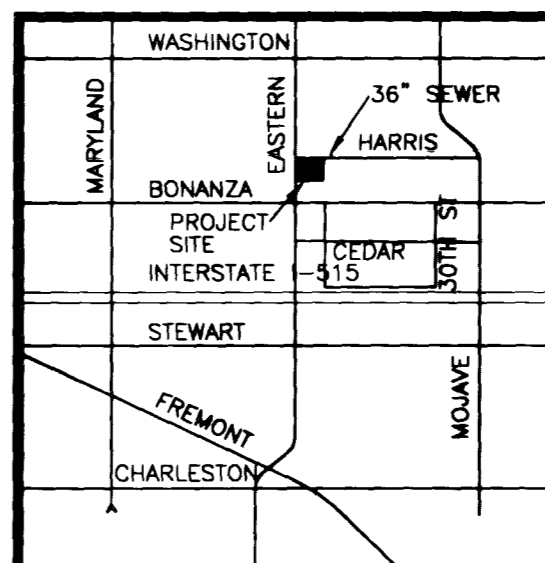
LAS VEGAS FIRE DEPARTMENT

FIRE FLOW IS: 2,750 GPM AT 20 PSI RESIDUAL PRESSURE

BASED ON

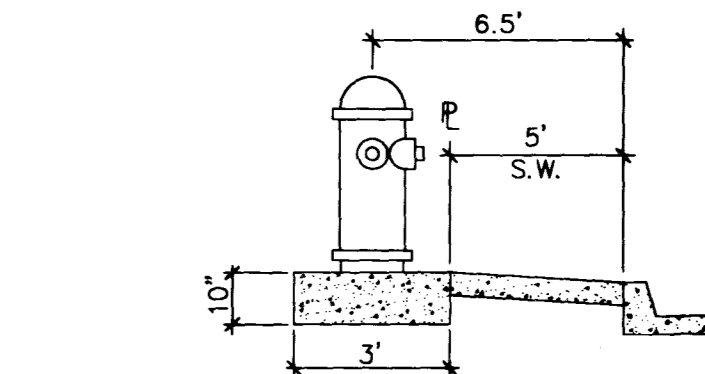
- SQUARE FOOTAGE	10,560 S.F.
- LARGEST AREA BETWEEN 4-HR AREA SEPARATION WALLS	N/A
- TYPE OF CONSTRUCTION	TYPE V N
- BUILDING HEIGHT	28'-8" MAX.
- NUMBER OF STORIES	1
- OCCUPANCY	B
- FULL AUTOMATIC FIRE SYSTEM	NO
- REVIEWED BY	[Signature]
- DATE	11-6-98

FIRE DEPARTMENT APPROVAL



LOCATION

8" SEWER DISCHARGES INTO 36" SEWER AT CEDAR AVE. & 30TH STREET, SEE LOCATION MAP



FIRE HYDRANT DETAIL CONSTRUCTION NOTES

12"x8" MECH. JT. TAPPING TEE W/ 8" TAPPING VALVE.
ALL EXISTING UTILITY STRUCTURES WITHIN CONSTRUCTION AREA SHALL BE ADJUSTED TO MATCH FINISH GRADE (I.E. W. BOX, W.M.H., ANNOUE BOX, FH, TEL. BOX, ETC.)

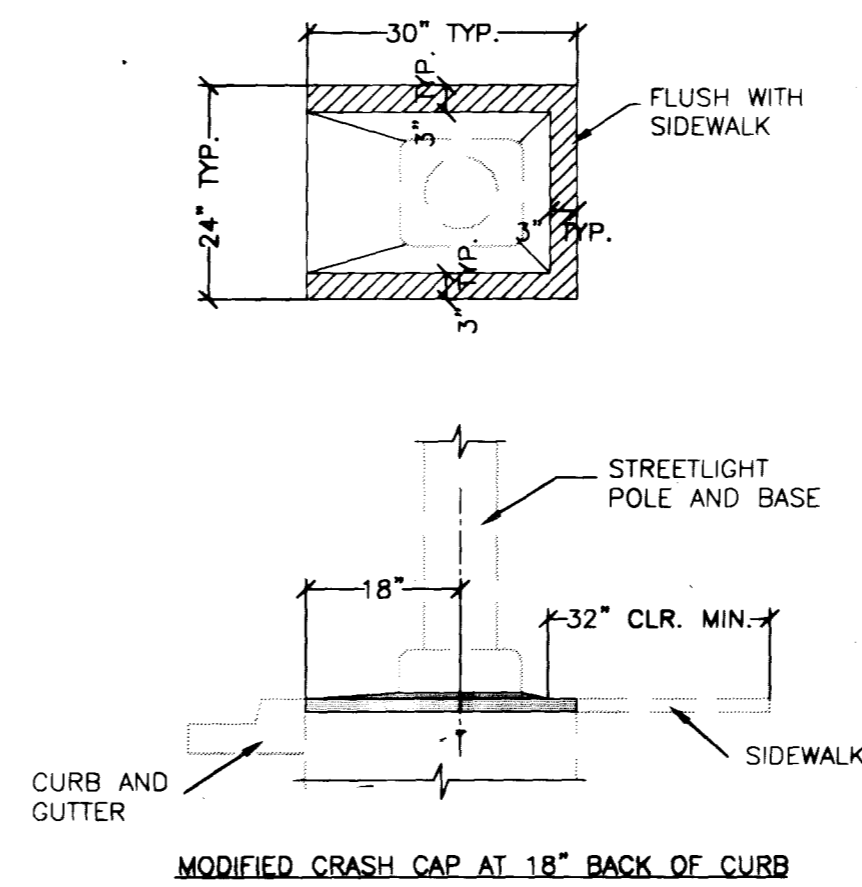
SANITARY SEWER MANHOLE SCHEDULE

M.H.#	TYPE	STATION	OFFSET	N. INV. EL.	S. INV. EL.	E. INV. EL.	W. INV. EL.
1	SPECIAL MH #1 - 30-10	15+51.97	7.50 FT	1832.0±	1832.2±	-	1832.20
2	SPECIAL MH #2 - 30-10	2+44.16	7.50 FT	-	-	1832.95	-
3	SPECIAL MH #3 - 30-10	15+51.97	264.08 FT	1835.60	-	-	1835.40

* Public MH #1 & #2 were field revised to Special MH #C.

QUANTITY ESTIMATES

ITEM #	DESCRIPTION	UNIT	QUANTITY	PUBLIC	PRIVATE
01	6" SEWER	L.F.	352.4	-	352.4
02	8" SEWER	L.F.	631.4	235.6	395.8
05	SEWER MANHOLE UNDER 6'	EA.	3	2	1
08	6" WATER	L.F.	114.4	15	99.4
09	8" WATER	L.F.	388.4	19.4	197
13	WATER SERVICE TO LOTS	EA.	2	2	-
14	FIRE HYDRANT	EA.	3	1	2
-	6" GATE VALVE (N.R.S.)	EA.	3	1	2
-	8"x8"x6" TEE	EA.	3	1	2
-	8"x6" REDUCER	EA.	1	1	-
-	6"x6"x4" WYE	EA.	6	-	6
-	2-1/2" COPPER WATER SERVICE	L.F.	364.5	-	364.5
-	18" RCP STORM DRAIN	L.F.	3	3	-
-	60" STD. MANHOLE	EA.	1	1	-
-	48" STD. MANHOLE	EA.	3	-	3
-	8" GATE VALVE (N.R.S.)	EA.	1	1	-
-	12"x8" M.J. TAPPING SLEEVE W/ 8" TAPPING VALVE	EA.	1	1	-
-	2" WATER METER	EA.	1	1	-
-	1-1/2" WATER METER	EA.	1	1	-
-	8" DCCDA	EA.	1	1	-
-	2" RPPA	EA.	1	1	-
-	1-1/2" RPPA	EA.	1	1	-



STREETLIGHT LOCATION AT BACK OF CURB TYPICAL

PROJECT NAME: ESCOBEDO PLAZA
Pg 5 of 11.
This project water plan complies with the Las Vegas Valley Water District's technical requirements. However, this water plan is NOT APPROVED FOR CONSTRUCTION at this time and this signature does not provide or imply a warranty commitment.
[Signature] 11-06-98
LWWD DATE

NEVADA DEPARTMENT OF TRANSPORTATION (NDOT) PERMIT REQUIRED

AN APPROVED NDOT OCCUPANCY PERMIT SHALL BE OBTAINED THROUGH THE DISTRICT PRIOR TO ANY CONSTRUCTION WITHIN THE NDOT RIGHT-OF-WAY.

REDUCED PRESSURE PRINCIPLE ASSEMBLY (1) 1-1/2" & (1) 2"

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO. 11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LWWD.

ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.

INSTALLATION OF DOUBLE CHECK DETECTOR ASSEMBLY (1) 2"

THE DOUBLE CHECK DETECTOR ASSEMBLYS SHALL BE INSTALLED IN ACCORDANCE WITH UDACS PLATE 20B.

ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.

EDMUNDO & PANFLA ESCOBEDO
3008 HOLLY HILL DR
LAS VEGAS, NEVADA 89104-4305

Gomez
CONSULTING GROUP, INC.
11 WEST PACIFIC AVENUE
LAS VEGAS, NEVADA 89015-7304
(702) 586-0440

MASTER UTILITY PLAN
ESCOBEDO PLAZA
As-Built Sewer

DRAWN BY: [Signature]
DESIGNED BY: [Signature]
CHECKED BY: [Signature]
PROJECT NO: 92-0001

SCALE: 1" = 30'
NONE

SHEET C-5
5 of 11 SHEETS
DRAWING NO. 107-V2888

As-Built

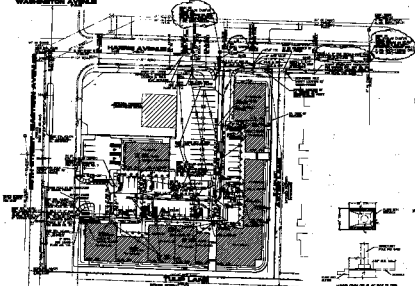
October 27, 1998, 3:08:13 PM
Drawing: ESCOBEDO PLAZA

REVISED
DATE: 1-20-50

BASED ON
DATE: 1-20-50



WASHINGTON AVENUE



LOCATION
1/2 BLOCK WEST OF 1/2 BLOCK EAST

SEWER CONTRIBUTION
CONTRIBUTION
FOR SEWER

- 1. 1/2" DIA. 10' LONG
- 2. 1/2" DIA. 10' LONG
- 3. 1/2" DIA. 10' LONG
- 4. 1/2" DIA. 10' LONG
- 5. 1/2" DIA. 10' LONG
- 6. 1/2" DIA. 10' LONG
- 7. 1/2" DIA. 10' LONG
- 8. 1/2" DIA. 10' LONG
- 9. 1/2" DIA. 10' LONG
- 10. 1/2" DIA. 10' LONG



FIRE HYDRANT INSTALLATION
CONSTRUCTION NOTES
1. 1/2" DIA. 10' LONG

SEWER SERVICE MAINS & BRANCHES
PROPERTY SURVEY

NO.	DESCRIPTION	SIZE	DEPTH	LENGTH	DATE
1	1/2" DIA. 10' LONG	1/2"	10'	10'	1-20-50
2	1/2" DIA. 10' LONG	1/2"	10'	10'	1-20-50
3	1/2" DIA. 10' LONG	1/2"	10'	10'	1-20-50
4	1/2" DIA. 10' LONG	1/2"	10'	10'	1-20-50
5	1/2" DIA. 10' LONG	1/2"	10'	10'	1-20-50
6	1/2" DIA. 10' LONG	1/2"	10'	10'	1-20-50
7	1/2" DIA. 10' LONG	1/2"	10'	10'	1-20-50
8	1/2" DIA. 10' LONG	1/2"	10'	10'	1-20-50
9	1/2" DIA. 10' LONG	1/2"	10'	10'	1-20-50
10	1/2" DIA. 10' LONG	1/2"	10'	10'	1-20-50



STREETLIGHT LOCATION
AT BACK OF LOT TYPICAL

APPROVED FOR RECORD
[Signature]
DATE: 1-20-50

APPROVED FOR RECORD
[Signature]
DATE: 1-20-50

SEWER SERVICE MAINS & BRANCHES
PROPERTY SURVEY

SEWER CONTRIBUTION
CONTRIBUTION
FOR SEWER

STREETLIGHT LOCATION
AT BACK OF LOT TYPICAL

NOTES
1. 1/2" DIA. 10' LONG

WASHINGTON AVENUE
HARRISON AVENUE
WEST LANE

SEWER SERVICE MAINS & BRANCHES
PROPERTY SURVEY

SEWER CONTRIBUTION
CONTRIBUTION
FOR SEWER

FIRE HYDRANT INSTALLATION
CONSTRUCTION NOTES

SEWER SERVICE MAINS & BRANCHES
PROPERTY SURVEY

STREETLIGHT LOCATION
AT BACK OF LOT TYPICAL

APPROVED FOR RECORD
[Signature]
DATE: 1-20-50

APPROVED FOR RECORD
[Signature]
DATE: 1-20-50

NOTES
1. 1/2" DIA. 10' LONG

DATE: 1-20-50

1-20-50