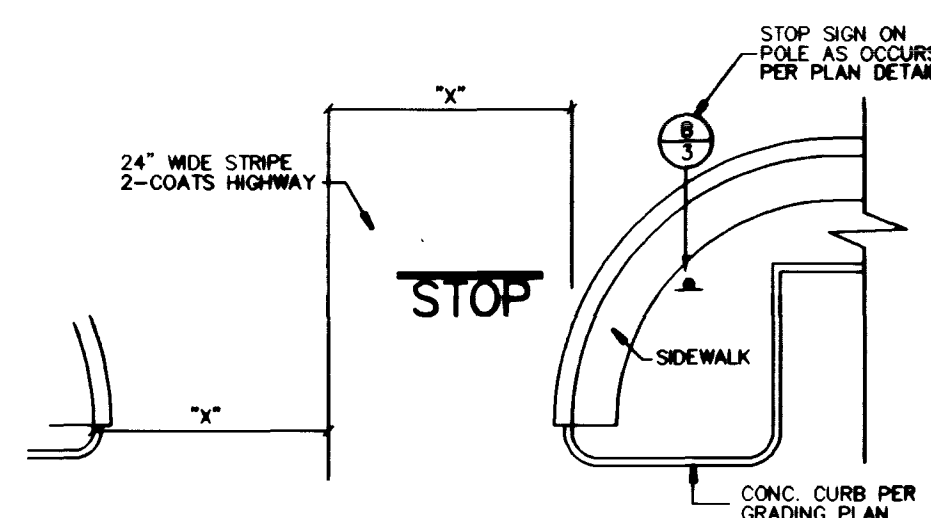


NOTES:

1. NOTIFY HUNSAKER & ASSOCIATES IMMEDIATELY OF ANY DISCREPANCIES IN THE PLANS OR CONDITIONS IN THE FIELD.
2. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL LOCATE AND VERIFY SIZE, MATERIAL, DEPTH, CONDITION, PRESSURE, AND LOCATION OF ALL EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. HUNSAKER & ASSOCIATES SHALL BE CONTACTED ONCE THE UTILITY LINE IS LOCATED.
3. PLANS MAY NOT INDICATE ALL EXISTING UTILITY LINES. CONTRACTOR IS TO EXERCISE EXTREME CAUTION DURING EXCAVATION IN ORDER TO AVOID DAMAGING ANY EXISTING UTILITY LINES. IF THE UTILITY LINES ARE DAMAGED BY THE CONTRACTOR, SUCH DAMAGE SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
4. CONTRACTOR TO SAWCUT AND REMOVE EXISTING ASPHALT AND CONCRETE AS NECESSARY FOR UTILITY TRENCHES. BACKFILL AND PATCH ALL TRENCHES ACCORDING TO C.L.V. STANDARDS.
5. ALL WATER SERVICE LINES AND METERS SHALL BE INSTALLED PER L.V.V.W.D.
6. CONTRACTOR TO FIELD VERIFY LOCATION AND INVERT OF MANHOLE PRIOR TO CONSTRUCTION. HUNSAKER & ASSOCIATES SHALL BE CONTACTED ONCE THIS INFORMATION HAS BEEN OBTAINED.
7. ALL SEWERMAINS LABELED AS "PRIVATE" SHALL BE PRIVATELY OWNED AND MAINTAINED.



A DRIVEWAY MARKINGS

NOTE:

EXISTING WATER METER NUMBER 154187 FOR THE PROPERTY AT SAHARA AND PASEO DEL PRADO SHALL BE ABANDONED.

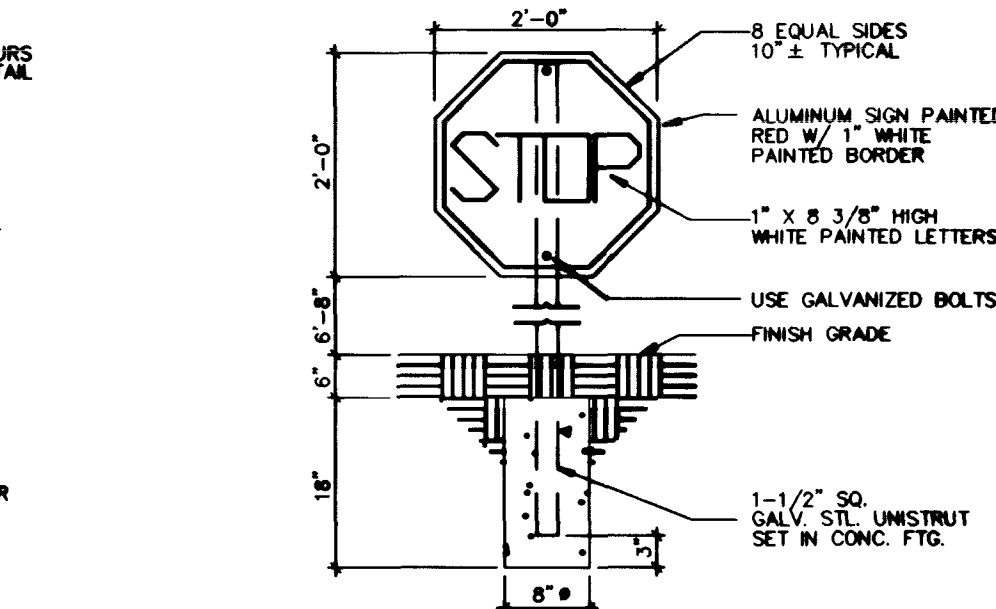
DOUBLE CHECK VALVE ASSEMBLY

APPROVED DOUBLE CHECK VALVE ASSEMBLY(S) SHALL BE INSTALLED PER THE DISTRICT'S STANDARD PLATE NO. 11C. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE DOUBLE CHECK VALVE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVVWD.

REDUCED PRESSURE PRINCIPLE ASSEMBLY

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

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



B STOP SIGN ON POLE

NO SCALE

NOTE: DO NOT OFFSET WALL SPOOL

ITEM NO. DESCRIPTION QTY.

- 1 FLANGED SCHED 40 FABRICATED STEEL EPOXY COATED AND LINED WALL SPOOL WITH THRUST RING 2
- 2 FLANGED GATE VALVE 2
- 3 SENSUS 6"x2" OR APPROVED EQUAL FLANGED X PLAIN END SCHED 40 FABRICATED STEEL 2
- 4 EPOXY COATED AND LINED SPOOL 1
- 5 SLEEVE TYPE COUPLING 1
- 6 INSTALL ADJUSTABLE PIPE SUPPORTS, GRINNEL NO. 264 OR APPROVED EQUAL 2

ALL PIPING, FITTINGS, AND APPURTENANCES SHALL CONFORM TO APPLICABLE DISTRICT SPECIFICATIONS. THIS INSTALLATION IS FOR USE ONLY IN SYSTEMS HAVING ANOTHER SOURCE OF SUPPLY.

LEGEND

- PROPOSED PVC SEWER MAIN WITH 4" MANHOLE
- PROPOSED PVC WATER MAIN, FIRE HYDRANT, AND GATE VALVE
- PROPOSED 1-1/4" STREET LIGHT CONDUIT
- PROPOSED #3 1/2 PULL BOX
- PROPOSED WHEELCHAIR RAMP
- PROPOSED SEWER SERVICE LATERAL
- PROPOSED WATER SERVICE LATERAL WITH METER
- PROPOSED 100 W. HPS STREET LIGHT
- EXISTING SEWER MAIN AND MANHOLE
- EXISTING WATER MAIN, FIRE HYDRANT, AND GATE VALVE
- EXISTING STREET LIGHT CONDUIT
- EXISTING STREET LIGHT
- PROPOSED STREET / STOP SIGN
- PROPOSED PLYMER FILM STOP BAR
- TRASH ENCLOSURES

QUANTITY ESTIMATE

(FOR BIDDING PURPOSES ONLY)

WATER IMPROVEMENTS	AMOUNT	UNIT
8" WATER MAIN	1304	LF
FIRE HYDRANT ASSEMBLY W/ 8"x6" TEE, GATE VALVE	3	EA
8" GATE VALVES	3	EA
8" DCVA	2	EA
6"x2" METER	2	EA
10" TO 6" REDUCER	1	EA
8" TO 6" REDUCER	4	EA
6" 90° ELBOW	2	EA
8" 90° ELBOW	7	EA
6" SERVICE LINE	105	LF
3" SERVICE LINE	23	LF
2" SERVICE LINE	49	LF
2" RPPA	1	EA

SEWER IMPROVEMENTS

8" SEWER MAIN	827	LF
SEWER MANHOLES < 6'	3	EA
SEWER MANHOLES > 6'	2	EA

LAS VEGAS FIRE DEPARTMENT

FIRE FLOW REQUIREMENT IS 2625 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL.

BASED ON:

SQUARE FOOTAGE 36,960 S.F.

LARGEST AREA BETWEEN AREA SEPARATION WALLS

HEIGHT 21+ FEET

TYPE OF CONSTRUCTION TYPE V NON-RATED

EXPOSURES 3 SIDES (4TH ON PAD @ REAR)

SPRINKLER SYSTEM YES

OCCUPANCY B-2

ROOF CONSTRUCTION BUILT-UP OVER TRUSSES

REVIEWED BY

DATE

PASEO DEL PRADO

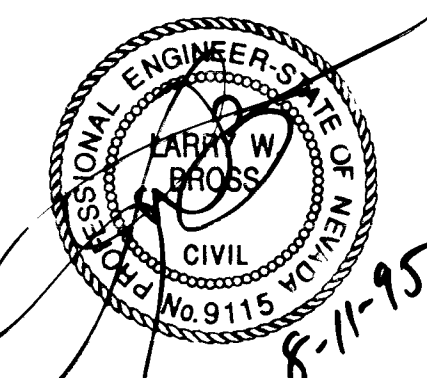
SAHARA SURGICAL CENTER

PAD 1
32200 SF

PASEO LOT 3
UNDEVELOPED

PROPOSED LANDRY'S SEAFOOD HOUSE

NOTE: SEE SHEET 2 OF 5 FOR PUBLIC SEWER PLAN & PROFILE



Avoid cutting underground utility lines. It's costly.
Call before you Dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

APPROVALS

LAS VEGAS VALLEY WATER DISTRICT
CITY OF LAS VEGAS FIRE MARSHALL
DATE SIGNED
DATE SIGNED

SCALE(H): 1" = 30'
SCALE(V): 1" = --
DES.BY: MPV
DWN.BY: PAS
DATE: 9/94
PROJECT NO. 1500-3
SHEET 4 OF 5

PREPARED BY: Hunsaker & Associates, Inc.
Planning
SAHARA SURGICAL CENTER
FORMERLY SAHARA COMMERCIAL CENTER
LAS VEGAS, NEVADA
MASTER UTILITIES PLAN

