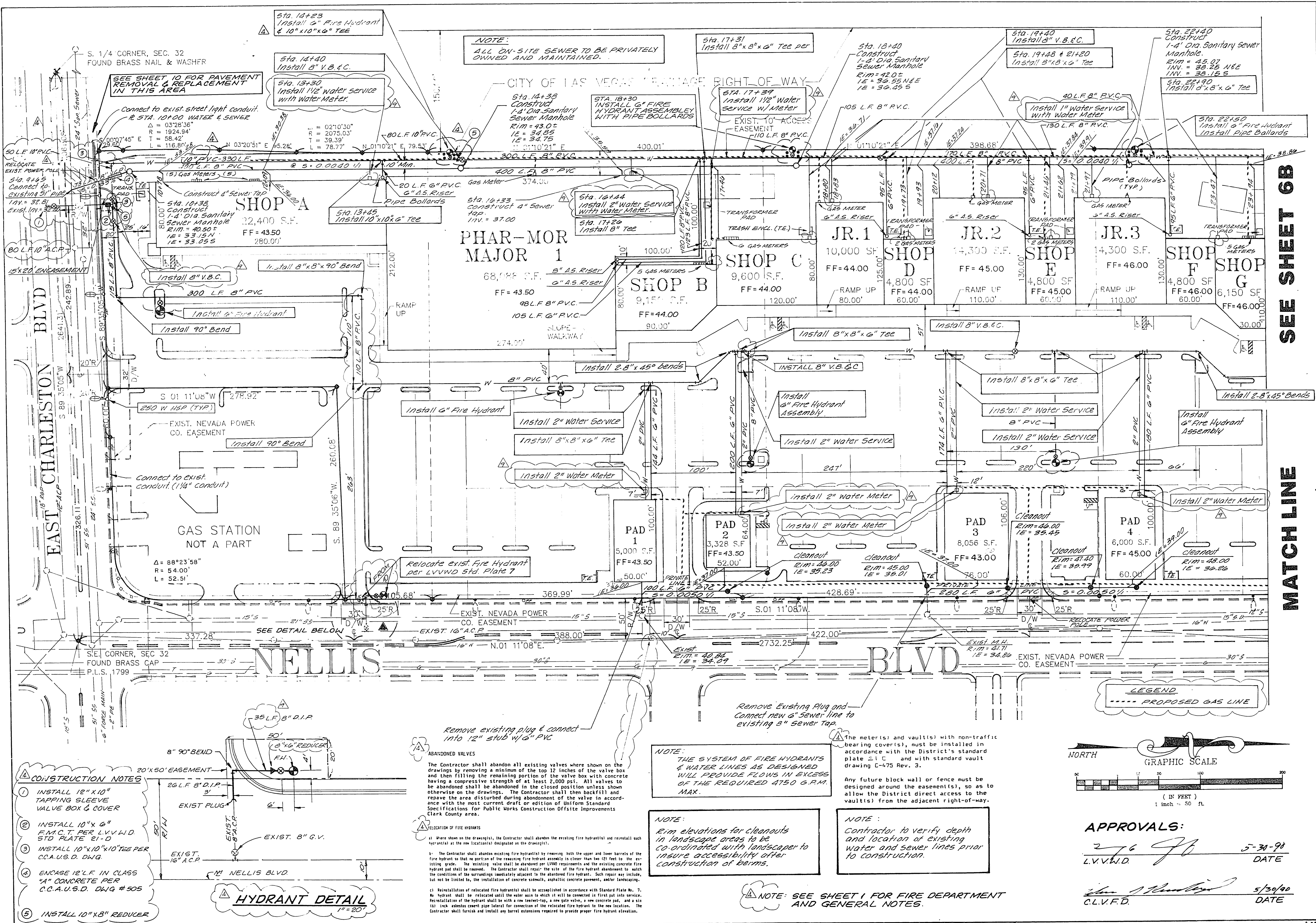




SEE SHEET 6B
MATCH LINE

- CONSTRUCTION NOTES**
- 1. INSTALL 12" X 10" TAPPING SLEEVE VALVE BOX & COVER
 - 2. INSTALL 10" X 6" F.M.C.T. PER L.V.V.W.D. STD. PLATE 21-D
 - 3. INSTALL 10" X 10" X 10" TEE PER C.C.A.U.S.D. DWG.
 - 4. ENCASE 12" L.F. IN CLASS "A" CONCRETE PER C.C.A.U.S.D. DWG #505
 - 5. INSTALL 10" X 8" REDUCER

HYDRANT DETAIL
1" = 20'

ABANDONED VALVES
The Contractor shall abandon all existing valves where shown on the drawings by removing a minimum of the top 12 inches of the valve box and then filling the remaining portion of the valve box with concrete having a compressive strength of at least 2,000 psi. All valves to be abandoned shall be abandoned in the closed position unless shown otherwise on the drawings. The Contractor shall then backfill and repave the area disturbed during abandonment of the valve in accordance with the most current draft or edition of Uniform Standard Specifications for Public Works Construction Offsite Improvements Clark County area.

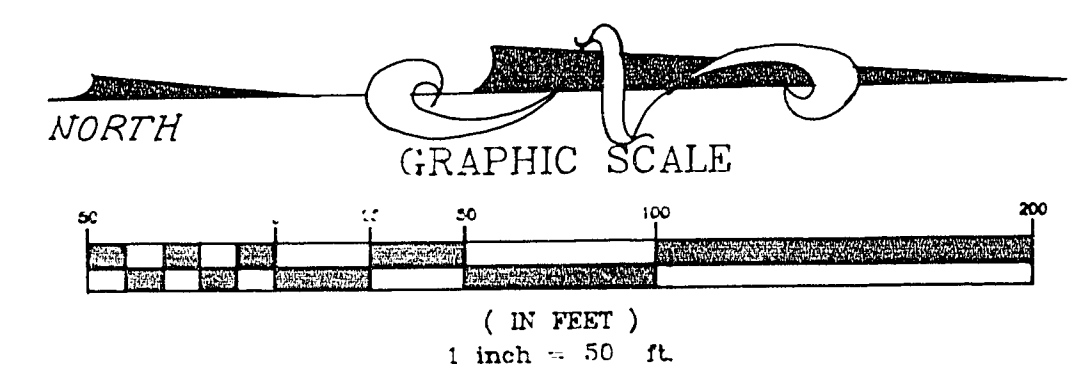
RELOCATION OF FIRE HYDRANTS
a) Where shown on the drawings, the Contractor shall abandon the existing fire hydrant(s) and reinstall such hydrant(s) at the new location(s) designated on the drawings.
b) The Contractor shall abandon existing fire hydrant(s) by removing both the upper and lower barrels of the fire hydrant so that no portion of the existing fire hydrant assembly is closer than 10 feet to the existing grade. The existing valve shall be abandoned per L.V.V.W.D. requirements and the existing concrete fire hydrant pad shall be removed. The Contractor shall repair the site of the fire hydrant abandonment to match the condition of the surrounding immediately adjacent to the abandoned fire hydrant. Such repair may include, but not be limited by, the installation of concrete sidewalk, asphaltic concrete pavement, and/or landscaping.
c) Reinstallation of relocated fire hydrant(s) shall be accomplished in accordance with Standard Plate No. 7. No hydrant shall be relocated until the water main to which it will be connected is first put into service. Reinstallation of the hydrant shall be with a new line, a new gate valve, a new concrete pad, and a six (6) inch asbestos cement pipe lateral for connection of the relocated fire hydrant to the new location. The Contractor shall furnish and install any barrel extensions required to provide proper fire hydrant elevation.

NOTE:
THE SYSTEM OF FIRE HYDRANTS & WATER LINES AS DESIGNED WILL PROVIDE FLOWS IN EXCESS OF THE REQUIRED 4750 G.P.M. MAX.

NOTE:
Rim elevations for cleanouts in landscape areas to be co-ordinated with landscaper to insure accessibility after construction of berms.

NOTE:
Contractor to verify depth and location of existing water and sewer lines prior to construction.

NOTE: SEE SHEET 1 FOR FIRE DEPARTMENT AND GENERAL NOTES.



APPROVALS:
L.V.V.W.D. 5-30-90
CL.V.F.D. 5/30/90
DATE

REVISION DESCRIPTION	
1	3-22 Revised Water meters
2	3-22 Fire Hydrants
3	3-22 Fire Hydrants
4	3-22 Fire Hydrants
5	3-22 Fire Hydrants
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7	3-22 Fire Hydrants
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100	3-22 Fire Hydrants

DATE: 5/30/90

UTILITY PLAN

CHARLESTON COMMONS
NELLIS AND CHARLESTON

DUNAWAY ASSOCIATES WEST INC
ENGINEERS LANDSCAPE ARCHITECTS PLANNERS
PHOENIX, AZ
FORT WORTH, TX
ONTARIO, CA
4500 S. LAKESHORE DRIVE
SUITE 215
TEMPE, ARIZONA 85282
(602) 345-0383 FAX (602) 491-2581

JOB NO. 8921900
DESIGN BY:
CHECKED BY:
DATE: APR 90
SCALE: 1" = 50'
SHEET 6A OF 10 SHEETS

22-3-49 107V1796