

REDUCED PRESSURE PRINCIPLE
ASSEMBLY (2) 8"

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS STANDARD PLATE 118. NO WATER SHALL BE TAKEN FROM A SERVICE BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVWD.

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.

EASEMENT SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

BASIS OF BEARING

NORTH 02°40'58" WEST, BEING THE BEARING OF THE CENTERLINE OF DESERT FOOTHILLS DRIVE AS SHOWN BY MAP THEREOF ON FILE IN BOOK 108, PAGE 29 OF PLATS IN THE COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA, LYING WITHIN THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 34, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK: D368.3
NAVD 88 ELEVATION: 989.599 (M) - 3246.71 (F)

U.S.C. & G.S. BRASS DISC SET IN ROCK ON THE EAST SIDE OF CHARLESTON BOULEVARD AND SOUTH OF THE RED ROCK DETENTION BASIN.

UTILITY NOTES

1. INSTALL 6"x3" HERSEY MODEL - 8" MFM II W/ 3" MHR PER UDACS PLATE NO. 210.
2. CONNECT FMCT TO EXISTING WATER LINE.
3. REMOVE EXISTING CAP AND BLOW-OFF ASSEMBLY PER UDACS PLATE NO. 4A, NOTE NO. 1, AND CONNECT TO EXISTING MAIN.
4. INSTALL 6"x8" INCREASER/REDUCER.
5. INSTALL 8" RPPA PER UDACS PLATE NO. 11C, USING FEBCO PRODUCT MODEL NO. 880V.
6. INSTALL FIRE HYDRANT ASSEMBLY PER UDACS PLATE NO. 7.
7. INSTALL 48" DIA. TYPE I MANHOLE PER USDOCA DWG NO. 403.
8. INSTALL SEWER WYE PER SANITARY DISTRICT STANDARDS.
9. SEE PLUMBING PLAN FOR CONTINUATION.
10. CONTRACTOR TO VERIFY DEPTH AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
11. REMOVE EXISTING CAP AND CONNECT TO EXISTING SEWER LINE.
12. INSTALL 8" GATE VALVE.
13. INSTALL (2) 4" IN. PVC IRRIGATION SLEEVES. REFER TO SIS V-18.
14. INSTALL (1) 6" IN. PVC IRRIGATION SLEEVE. REFER TO SIS V-18.
15. INSTALL 12" X 6" REDUCER.
16. INSTALL 2" BALL VALVE.
17. INSTALL 2" RPPA - SEE LANDSCAPE PLANS FOR EXACT LOC.
18. INSTALL 2" CAP.
19. INSTALL SEWER CLEAN-OUT PER SANITATION DISTRICT SIDS.
20. ABANDON EX SEWER LATERAL PER UDACS SEC 3.14.1c
21. INSTALL 4" SEWER CLEAN-OUT

PARCEL G
SF3

FIRE FLOW CALCULATIONS

FIRE FLOW REQUIREMENT IS: 2,750 GPM (1.5-3.1) GPM FIRE FLOW: 2,000 GPM (0.5-0.6) GPM
AT 20 PSI RESIDUAL PRESSURE.

BASED ON: 22,026 SQUARE FEET

SQUARE FOOTAGE: 22,026 SQUARE FEET

LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS: 22,108 SF

BUILDING HEIGHT: 30' FEET

NUMBER OF STORIES: 2 FLOOR

TYPE OF CONSTRUCTION: V-B

OCCUPANCY: R-1/U-1

FULL AUTOMATIC FIRE SPRINKLER SYSTEM: YES

Reviewed By: _____

Date: _____

*NOTE: ONSITE SUBMITTAL REQUIRED WITH BUILDING DETAIL APPROVAL IS FOR ONSITE CONSTRUCTION FIRE PROTECTION OF 1500 GPM ONSITE 1500 GPM OFFSITE.

INSTALLATION OF METER AND VAULT
(2) 6" X 3"

THE METER(S) AND VAULT(S) WITH NON-Traffic BEARING COVER(S) SHALL BE INSTALLED IN ACCORDANCE WITH THE UDACS PLATE NO. 210 AND WITH STANDARD VAULT DRAWING C-475, LATEST REVISION.

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 TO THE VAULT(S) FROM THE ADJACENT RIGHT-OF-WAY. EASEMENT(S) SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

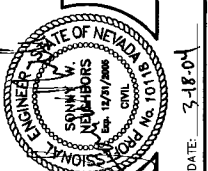
FIRE LANE



LEGEND:
PAINT CURBS RED WITH "FIRE LANE NO PARKING" AND SIGN TYPICAL HEREON.



SCALE 1"=30'



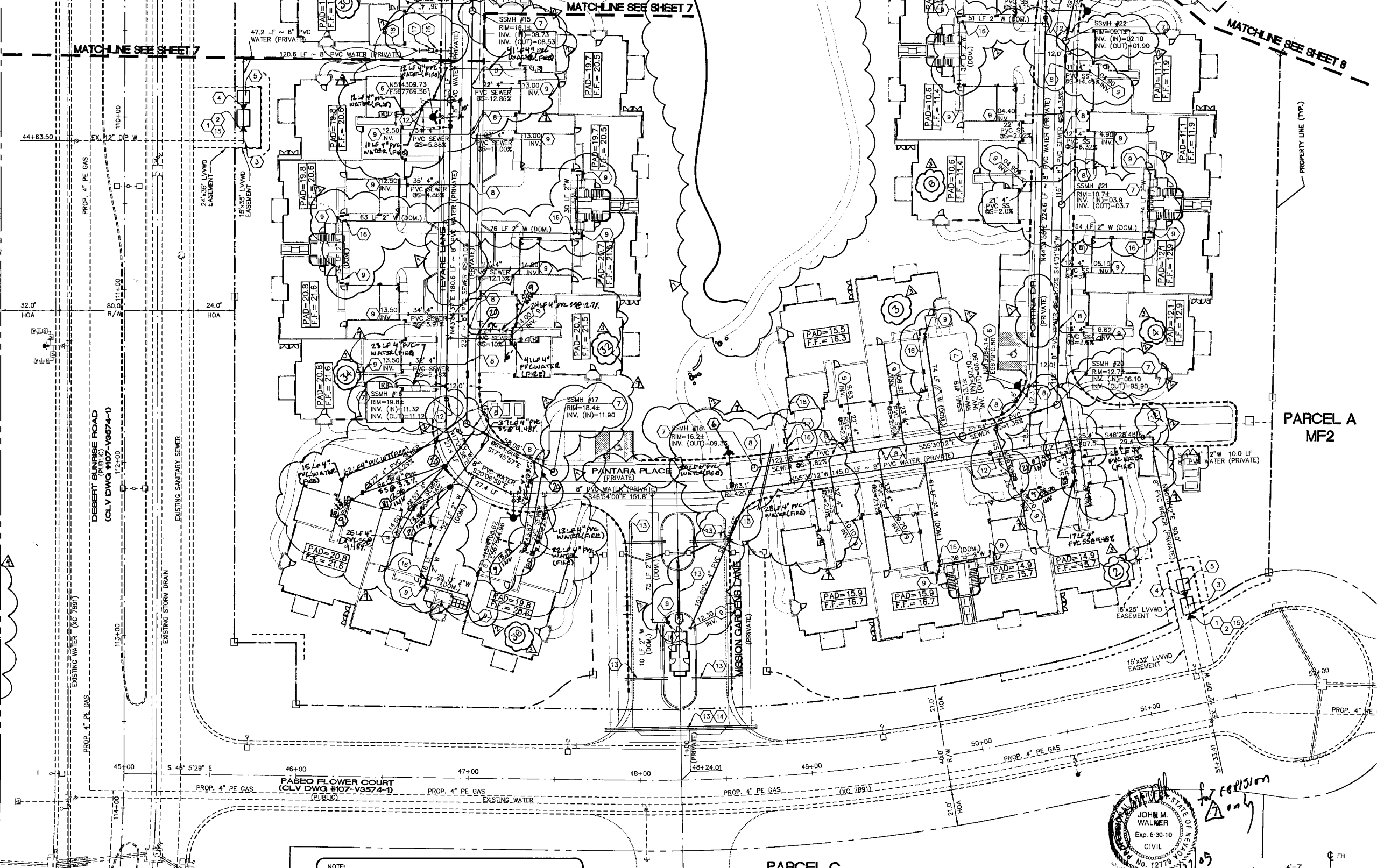
DATE: 3-18-09

DESIGN: _____
CHECK: _____
ISSUE DATE: _____
PLOT DATE: 03-18-09
PLOT TIME: 08:06:51
mydesigner

G.C. WALLACE, INC.
Engineers/Planners/Surveyors
1555 SOUTH RAINBOW BLVD., LAS VEGAS, NEVADA 89146
TELEPHONE: (702) 804-2000 • FAX: (702) 804-2299
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CORONADO
WESTMARK HOMES
UTILITY PLAN 1

SHEET
C-6
107479
6 OF 12 SHEETS
RELOT



NOTE:
ALL PRIVATE ACCESS DRIVES ARE PUBLIC UTILITY EASEMENTS AND PUBLIC DRAINAGE EASEMENT TO BE PRIVATELY MAINTAINED.

NOTE:
ALL ON SITE SEWERS ARE PRIVATE TO BE PRIVATELY MAINTAINED.

ESTIMATE OF UTILITY QUANTITIES (PUBLIC)

6"x3" FMCT.	2 EA.
6"x8" INCREASER/8"x6" REDUCER	4 EA.
8" RPPA	2 EA.

THIS PROPERTY MAY HAVE WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL ON-SITE (PRIVATE), PRESSURE REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRVS ARE THE DEVELOPER'S RESPONSIBILITY AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVWD FACILITIES.

METERS MUST BE SET IN A HORIZONTAL POSITION. AT LEAST (9) DIAMETERS OF STRAIGHT PIPE ARE REQUIRED AT THE INLET END.

THE DISTRICT WILL NOT GUARANTEE A WATER-TIGHT SHUTDOWN WHERE CONNECTIONS OR REPAIRS TO EXISTING FACILITIES ARE REQUIRED. THE CONTRACTOR SHALL ENSURE ALL LABOR AND EQUIPMENT IS AVAILABLE AT ALL TIMES TO REMOVE FUGITIVE WATER WHICH IMPEDES THE CONTRACTOR'S PERFORMANCE IS AVAILABLE AT ALL TIMES. CONTRACTOR TO INSTALL TEMPORARY SERVICE TO ENSURE PROPER SHUTDOWN IN THE EVENT NO OTHER APPURTENANCES ARE AVAILABLE.

NOTICE

G.C. WALLACE, INC. ASSUME NO RESPONSIBILITY FOR EXISTING UTILITY SHOWN OR NOT SHOWN. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM RECORD INFORMATION AND ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND DEPTH OF ALL RELEVANT UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF A CONFLICT OR DISCREPANCY IS DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING IMMEDIATELY.

TYPICAL FIRE HYDRANT LOCATION
NOT TO SCALE

APPROVED FOR CONSTRUCTION
1st App'd. 12/14/03
John M. Walker
LAS VEGAS VALLEY WATER DISTRICT
DATE: 3/24/09

THIS SHEET



KEY MAP



Call
before you
Dig.
1-800-227-2600
UNDERGROUND SERVICE (USA)

114446
66484 RUMS
72686