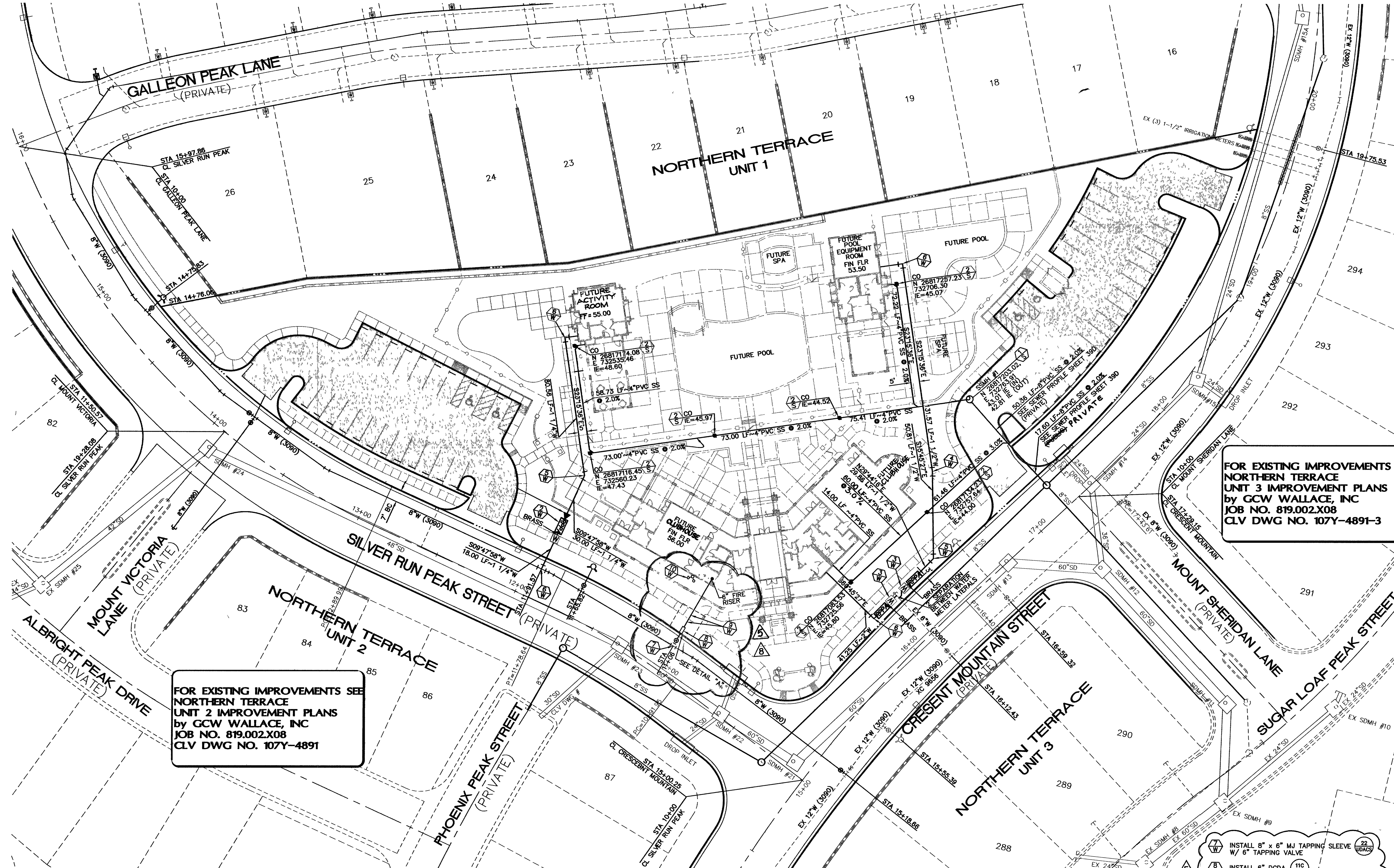
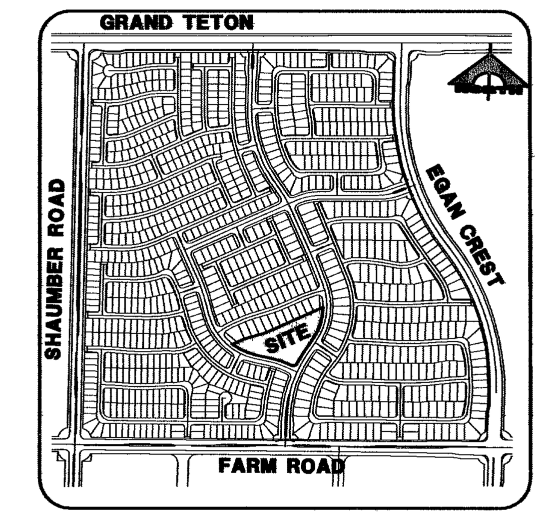
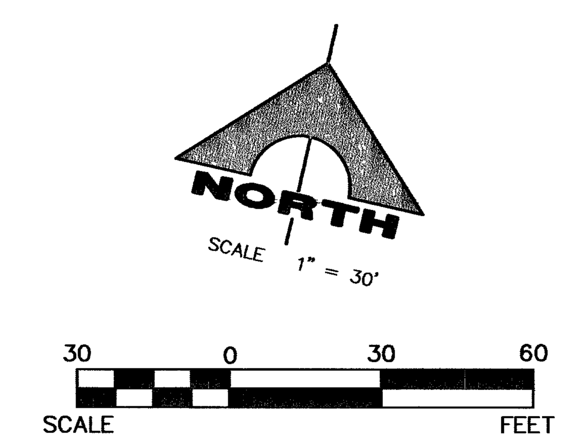
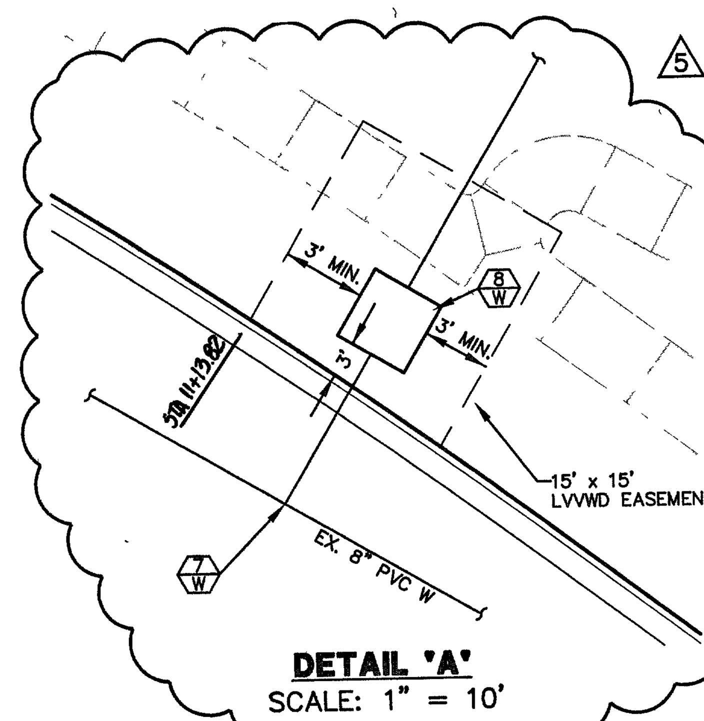




KEY MAP





DETAIL 'A'
SCALE: 1" = 10'

- (7 W) INSTALL 8" x 6" MJ TAPPING SLEEVE W/ 6" TAPPING VALVE (22 UDACS)
- (8 W) INSTALL 6" DCDA (11C UDACS)
- (9 W) INSTALL 6" x 45° BEND (VERT.)
- (10 W) INSTALL FIRE DEPARTMENT CONNECTION (SEE SPRINKLER CONTRACTOR PLANS FOR DETAILS)

5 DOUBLE CHECK DETECTOR ASSEMBLY (DCDA) (1) 6"

THE DOUBLE CHECK DETECTOR ASSEMBLY SHALL BE INSTALLED IN ACCORDANCE WITH THE UDACS PLATE NO. 11C. ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) SO AS TO ALLOW THE DEPARTMENT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY. EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

APPROVED FOR CONSTRUCTION

[signature] 10/20/06

CITY OF LAS VEGAS FIRE DEPARTMENT — DATE

REDUCED PRESSURE PRINCIPLE ASSEMBLY, (1) 1" (2) 1 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 LVVWD.
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. EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

CONSTRUCTION NOTES

SEWER

- (1 S) INSTALL 48" DIA SEWER MANHOLE (SD1 CCWRD)
- (2 S) INSTALL SEWER CLEANOUT (E 6)

WATER

- (1 W) REMOVE CAP & BLOW OFF & CONNECT TO EXISTING WATER LINE (CONTRACTOR TO VERIFY SIZE, INVERT, AND LOCATION OF EXISTING WATER LINE)
- (2 W) INSTALL 3/4" WATER METER AND 1" RPPA (1D UDACS) (11A UDACS)
- (3 W) INSTALL 1 1/2" WATER METER AND 1 1/2" RPPA (1D UDACS) (11A UDACS)
- (4 W) INSTALL 5° BEND
- (5 W) INSTALL 45° BEND
- (6 W) INSTALL 90° BEND

FIRE FLOW CALCULATIONS

- FIRE FLOW REQUIREMENT IS 1500 GPM AT 20 psi.
- SQUARE FOOTAGE — CLUBHOUSE-- TOTAL BLDG FLR AREA=6000SF

- LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS	N/A
- BUILDING HEIGHT	12 FEET
- NUMBER OF STORIES	1
- TYPE OF CONSTRUCTION	V-B
- OCCUPANCY	A-3 / B
- FULL AUTOMATIC FIRE SPRINKLER SYSTEM	YES

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

AVOID HITTING OVERHEAD POWER LINES IT'S COSTLY — CALL BEFORE YOU DO OVERHEAD — 1-702-227-2929

AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHT SYSTEM CONDUITS IT'S COSTLY — CALL BEFORE YOU DO UNDERGROUND — Call before you UnderGround — 1-702-455-7511 CLARK COUNTY TRAFFIC OPERATIONS AND 1-702-229-6611 LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

BENCHMARK

STA.	DESC.	NAVD 88 DATUM	NAVD 88 DATUM
8LV99 13E4	RIVET AND PLATE IN CONCRETE CYLINDER AT THE NORTHWEST CORNER OF HUALAPAI WAY AND FARM ROAD.	2860.79 (FEET)	871.971 (METERS)

BASIS OF BEARINGS

N 88°21'18" E BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 13, T19S, R59E, M.D.M., AS SHOWN BY RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA RECORDER'S OFFICE IN FILE 124 OF SURVEYS AT PAGE 94.

NOTE:

ALL EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION AND RELOCATE THESE UTILITIES AS NECESSARY. NO REPRESENTATION IS MADE THAT ALL UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO LIABILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATIONS.

APPROVED FOR CONSTRUCTION

[signature] 7-12-06

LAS VEGAS VALLEY WATER DISTRICT — DATE
LVVWD PROJ. # H-111501

107Y4891-1
NEW

93761 97286 100401

REV	DATE	DESCRIPTION	DATE	AGEN. APP.	DATE	GCW. APP.
7	3/9/07	REVISE FIRE DEPARTMENT CONNECTION			3/9/07	
6	10/5/06	ADDED FIRE DEPARTMENT CONNECTION & DCDA				
5	5/25/06	ADDED REC CENTER SHEET NO 39C	7/18/6			

PROFESSIONAL ENGINEER — STATE OF NEVADA — JOSHUA L. JOHNSON — CIVIL — No. 15789
DATE: 7/11/06

DESIGN:
DRAWN:
CHECK:
ISSUE DATE:
ISSUE EDITOR:
PLOT DATE: 07-11-06
PLOT TIME: 15:08:25

G.C. WALLACE, INC.
Engineers/Planners/Surveyors
1555 SOUTH RAINBOW BLVD./LAS VEGAS, NEVADA 89146
TELEPHONE: (702) 804-2000 • FAX: (702) 804-2299
I:\Northern Terrace\Unit1\dwg\Imps\NTU1c39C.dwg jmagsalin

MERITAGE HOMES
NORTHERN TERRACE - UNIT 1
RECREATION CENTER UTILITY PLAN

JOB NO. 819.002.X08

DRAWING 39C
39C OF 39 SHTS

gcw2436.dwg.030624.wsk