

SEWER LATERAL NOTES FOR FUTURE PHASE 2

- ALL SEWER LATERALS TO BE STUBBED OUT 10' BEYOND FUTURE BACK OF CURB OR BACK OF SIDEWALK.
- SEWER LATERAL STATIONING & OFFSETS SHOWN ON THIS SHEET REFERS TO THE END OF THE SEWER LATERAL STUB FOLLOWING THE STREET CENTERLINE STATIONING.

CONTROLLED LOW STRENGTH MATERIAL (CLSM)

PROTECT WATERLINES IN PLACE. WHENEVER A WATERLINE IS ABOVE A STORM DRAIN OR SEWER WHERE COMPACTION REQUIREMENTS UNDER WATERLINE CANNOT BE MET, BACKFILL TRENCH WITH CONTROLLED LOW STRENGTH MATERIAL (CLSM) TO THE SPRINGLINE OF THE WATERLINE. THIS REQUIREMENT IS FOR STRUCTURAL SUPPORT ONLY. ADDITIONAL HEALTH REGULATIONS MAY APPLY PER UDACS 2.19

WATER MAIN JOINT DEFLECTION (PVC, 4"-24")

PVC PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINIMUM RADIUS OF CURVATURE OF 1,150 FEET, PER UDACS 2.08.01 AND 2.08.02. FOR CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION, FITTINGS SHALL BE USED.

SEWER LATERAL NOTES

- SEE PHASE 1 IMPROVEMENTS FOR EXISTING SEWER LATERAL STUBS FOR LOCATION.

RPPA NOTE

REDUCED PRESSURE PRINCIPLE ASSEMBLY (RPPA) SHALL BE INSTALLED PER THE UDACS STANDARD 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 L.V.W.D. ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENTS, 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.

CLIFF'S EDGE LLC
126-13-401-015
POD 207

NOTE TO CONTRACTOR

CONTRACTOR TO VERIFY ALL EXISTING SEWER & STORM DRAIN SIZES, INVERTS AND LOCATIONS. IF A DISCREPANCY EXISTS, CONTRACTOR TO NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION.

NOTE: THIS PROJECT PLAN APPROVAL CONTINGENT ON H111503 FRANKLIN PARK @ PROVIDENCE - PHASE 1 H111503 CLV DRAWING NO. 107Y4878-2 - PHASE 1 PLAN APPROVAL

US HOME CORP.
126-13-401-003
POD 15

FOR EXISTING SHAMBER RD. IMPROVEMENT PLANS SEE PLANS BY V.T.N., INC. JOB NO. 107Y4816-SHS CLV DWG NO. 107Y4816-SHS

US HOME CORP.
126-13-401-003
POD 15

LEGEND

- REQUIRES PRESSURE REDUCER VALVE
- REQUIRES BACKWATER VALVE PER SD-29
- PROPOSED DROP INLET
- EXISTING NPCC POLE
- EXISTING WATER LINE & GATE VALVE
- PROPOSED WATER LINE & GATE VALVE
- EXISTING STORM DRAIN LINE W/WH
- PROPOSED STORM DRAIN LINE W/WH
- EXISTING SEWER LINE W/WH
- PROPOSED SEWER LINE W/WH
- EXISTING BACK OF CURB
- PROPOSED BACK OF CURB
- BOUNDARY/PHASE LINE
- RESIDENTIAL LOT LINE
- COMMON LOT NUMBER
- DRAINAGE FLOW DESIGNATION
- FIRE HYDRANT
- STREET LIGHT (STL)

BENCHMARK

BM #	DESC.	NAD 83 DATUM	NAD 83 DATUM
CLV BM No. 81V99 13E4	RIVET AND PLATE IN CONCRETE CYPINDER AT THE NORTHWEST CORNER OF HUALAPAI WAY AND FARM ROAD	2860.79 (FEET)	871.971 (METERS)

BASIS OF BEARINGS

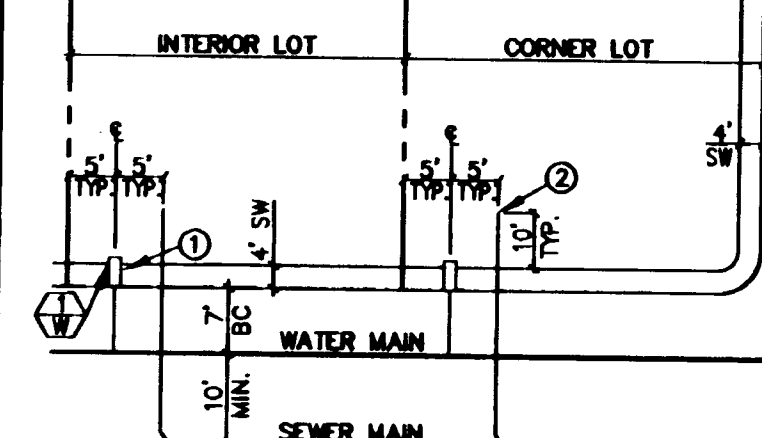
SOUTH 00°19'04" EAST BEING THE BEARING OF THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 13, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CLARK COUNTY, NEVADA.

Call before you Dig.
1-800-227-2800
UNDERGROUND SERVICE (USA)

Call before you Dig.
1-800-227-2928
CALL BEFORE YOU DO OVERHEAD

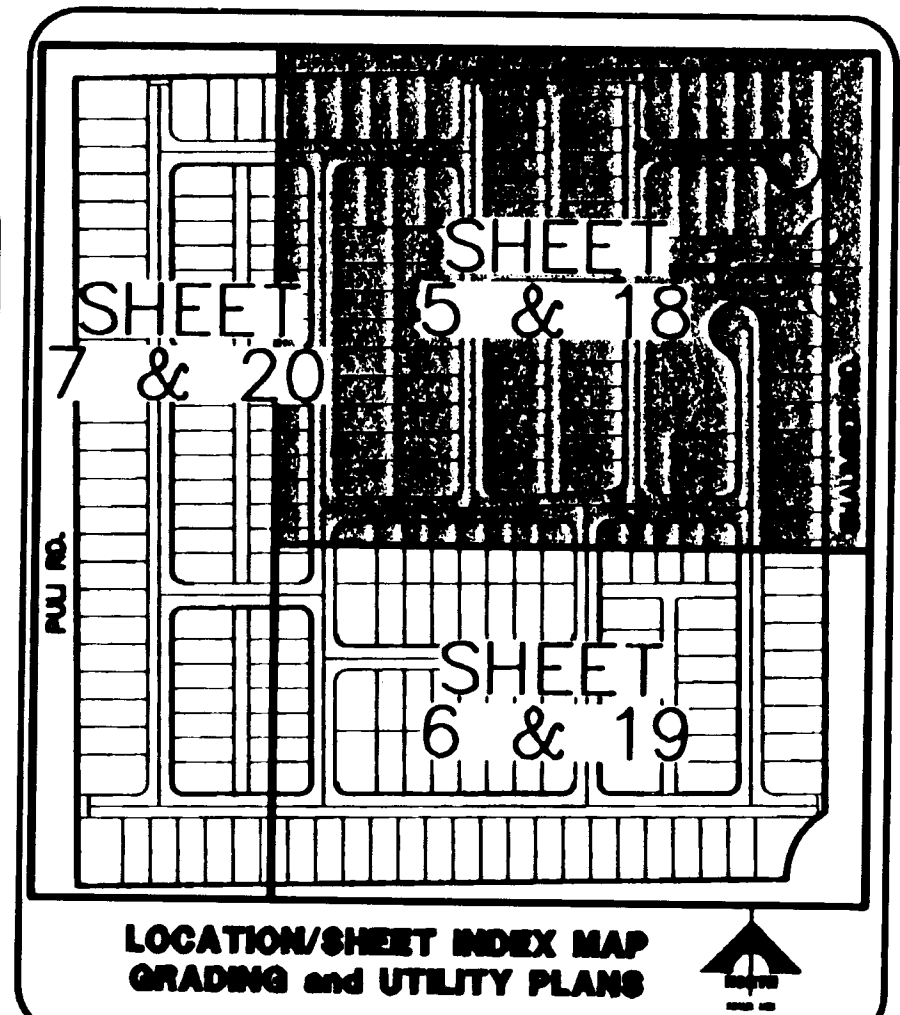
FIRE HYDRANT LOCATION DETAIL

FIRE HYDRANT TO BE INSTALLED PER UDACS STD. PLATE NO. 7



BALBOA LATERAL LOCATION DETAIL

UNLESS OTHERWISE SHOWN ON PLAN NOT TO SCALE



APPROVED FOR CONSTRUCTION
12/15/2011
CITY OF LAS VEGAS FIRE DEPARTMENT DATE

APPROVED FOR CONSTRUCTION
12/15/2011
LAS VEGAS VALLEY WATER DISTRICT PROJ # H111504 DATE
CLV DRAWING NO. 107Y4878-2

FRANKLIN PARK AT PROVIDENCE - PHASE 2 (POD 200)
A RESIDENTIAL PLANNED DEVELOPMENT
TOLL BROTHERS
UTILITY PLAN 1
DRAWING 18
18 OF 23 SHEETS
743195

DESIGN: DFF
DRAWING: SWN
CHECK: SWN
ISSUE DATE: 12/15/2011
ISSUE DATE: 12/15/2011
PLOT DATE: 12/15/2011
PLOT DATE: 12/15/2011

G.C. WALLACE, INC.
Engineers/Planners/Surveyors
1000 W. LAS VEGAS BLVD., SUITE 200
LAS VEGAS, NV 89102
TELEPHONE: (702) 733-2800 FAX: (702) 733-2800
E-MAIL: G.WALLACE@GWCINC.COM