NOTE

THIS SET OF DRAWINGS IS BASED UPON NAVD 88 DATUM. PREVIOUS DRAWINGS MAY BE BASED ON OTHER DATUM. CARE SHOULD BE OBSERVED WHEN UTILIZING THIS SET OF DRAWINGS.

BENCHMARK

	DESCRIPTION	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

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.

STREET QUANTITIES (PUBLIC)

STREETS		
2" A.C. PAVEMENT	11913	S.Y.
TYPE II BASE AGGREGATE	1955	C.Y.
30" ROLL CURB	5946	L.F.
CONCRETE VALLEY GUTTER	2926	S.F.
4 INCH CONCRETE SIDEWALK	2630	S.F.
STREET LIGHTS		
SINGLE ARM ST. LT.	20	EA.
CONDUIT	2919	L.F.

INDEX OF DRAWINGS

1. COVER SHEET
2. PROJECT NOTES SHEET I
3. PROJECT NOTES SHEET II
4. MASTER UTILITY PLAN
5. GRADING PLAN I
6. GRADING PLAN II
7. GRADING PLAN III
8. DETAILS I
9. DETAILS II
10. DETAILS III
11. MERIMACK OAKS ST. PLAN & PROFILE
12. MARBURY ST. PLAN & PROFILE I
13. MARBURY ST. PLAN & PROFILE II
14. MERIWEATHER GROVE AVE. PLAN & PROFILE
15. BULL RUN GROVE AVE. AND DARROW CT. PLAN & PROFILE
16. TARBELL GROVE AVE. PLAN & PROFILE
17. UTILITY PLAN I
18. UTILITY PLAN II
19. UTILITY PLAN III
20. STREETLIGHT and TRAFFIC CONTROL PLAN I
21. STREETLIGHT and TRAFFIC CONTROL PLAN II
22. STREETLIGHT and TRAFFIC CONTROL PLAN III

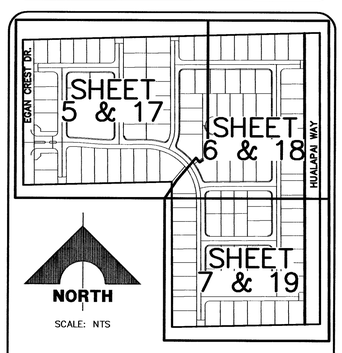
LEGEND

- REVISION NUMBER
- EXISTING FEATURES
- FUTURE IMPROVEMENTS
- PROPERTY LINE/LANDSCAPE LINE
- CENTERLINE
- (2975) EXISTING CONTOUR
- 60.50 TC — SPOT ELEVATION, GRADE BREAK, TC
- [60.50] TC — FUTURE SPOT ELEVATION
- STREET LIGHT (STLT)
- EDGE OF PAVEMENT
- RETAINING WALL (SEE GRADING PLAN)
- SIDEWALK RAMP (6/R)
- (CG) 8' CROSS GUTTER
- (SWV) SEWER BACK WATER VALVE
- 0" LIP DRIVEWAY
- 2975 PROPOSED CONTOUR

NOTE:
SEE UTILITY LEGEND AND ABBREVIATIONS ON SHEETS 17–19.

CONSTRUCTION NOTES

1. ALL BARRICADING AND TEMPORARY TRAFFIC CONTROL DEVICES OR METHODS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "NEVADA TRAFFIC CONTROL MANUAL," MOST RECENT EDITION, PUBLISHED BY THE STATE OF NEVADA, DEPARTMENT OF HIGHWAYS, EXCEPT AS OTHERWISE PROVIDED IN THE CONTRACT SPECIFICATIONS OR AS REQUIRED BY THE ENGINEER.
2. AT THE TIME OF PRE-CONSTRUCTION CONFERENCE, THE CONTRACTOR SHALL FURNISH, FOR APPROVAL, A TRAFFIC BARRICADING PLAN AND METHOD OF MAINTAINING PUBLIC CONVEYANCE AND SAFETY THROUGHOUT THE CONSTRUCTION AREA. TRAFFIC BARRICADING PLANS SHALL COMPLY WITH APPLICABLE PORTIONS OF SECTIONS 624 AND 625 OF THE STANDARD SPECIFICATIONS, THE TRAFFIC CONTROL MANUAL AND APPLICABLE CITY ORDINANCES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERTICAL ADJUSTMENT OF EXISTING SANITARY, WATER AND STORM SEWER MANHOLES TO THE FINAL FINISH GRADES AS NOTED ON THE CONTRACT DRAWINGS, AND IN ACCORDANCE WITH SECTION 609 OF THE "STANDARD SPECIFICATIONS," AND ANY VERTICAL ADJUSTMENTS OF WATER VALVE BOXES AND OTHER APPURTENANCES SHALL BE IN ACCORDANCE WITH THE DETAILS SHOWN ON THE CONTRACT DRAWINGS.
4. NOTICE: GRADING AUTHORIZED ONLY AFTER PERMITTEE'S FULL COMPLIANCE WITH FEDERAL ENDANGERED SPECIES ACT.
5. THE DESIGN GRADE (DG) INDICATED ON THESE PLANS IS FOR VERTICAL ELEVATION DESIGN CALCULATION PURPOSES AND DOES NOT NECESSARILY REPRESENT THE FINISHED IMPROVEMENT GRADES @ CENTERLINE. (I.E. THROUGH MEDIAN AREAS).
6. ALL EXISTING UTILITY CROSSINGS MUST BE VERIFIED PRIOR TO CONSTRUCTION OF ANY MAIN LINES OR LATERALS THAT MAY BE ADVERSELY EFFECTED. ANY DISCREPANCIES IN LOCATION AND/OR ELEVATION MUST BE PROVIDED TO THE ENGINEER FOR ACCEPTANCE PRIOR TO CONSTRUCTION.
7. TOPOGRAPHY SHOWN HEREIN REFLECTS ORIGINAL EXISTING TOPOGRAPHY.
8. ALL COMMON LOTS AS SHOWN HEREIN TO BE PRIVATELY MAINTAINED BY THE H.O.A.
9. ALL WATER LINE GATE VALVES, SERVICE GATE VALVES, AND FIRE HYDRANT GATE VALVES ARE TO BE CONSTRUCTED UNDER A.C. PAVEMENT. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THAT ALL WATER VALVES CANS DO NOT CREATE CONFLICTS WITH THE PROPOSED CURB LINE PRIOR TO PLACEMENT OF CONCRETE. ALL WATER FACILITIES SHOWN IN THESE DRAWINGS HAVE BEEN "SCALED-UP" FOR CLARITY ONLY.



LOCATION/SHEET INDEX MAP GRADING and UTILITY PLANS

LEGEND & ABBREVIATIONS

- (1/–) DRAWING NUMBER FOR DETAIL DRAWN ON SAME SHEET
- (1/7) DRAWING NUMBER FOR DETAIL WITH REFERENCE TO THE SHEET IT IS DRAWN ON
- (D1,D2/USD) DRAWING NUMBER(S) FOR DETAIL(S) PER UNIFORM STANDARD DRAWINGS OR PER STANDARDS IN ABBREVIATION TABLE
- (1/1) INDICATES CONSTRUCTION NOTE
- (A/1) INDICATES REMOVAL NOTE
- (1) INDICATES CURVE NUMBER
- INDICATES SEWER MANHOLE IN PROFILE
- INDICATES STORM DRAIN MANHOLE IN PROFILE
- (60.5) TC — EXIST. SPOT ELEVATION
- END PIPE & PLUG
- CONCRETE ENCASEMENT
- EXISTING CALICHE BOULDERS
- EXISTING ROUGH GRADING

EMBANKMENT

- TOP / BOTTOM — PROPOSED 2:1 SLOPE
- BY SEPARATE CONTRACT
- EXISTING

ABBREVIATIONS

W = WATER
S = SEWER
SD = STORM DRAIN
SL = STREET LIGHTING
SMH = SEWER MANHOLE
SDMH = STORM DRAIN MANHOLE
CLV = CITY OF LAS VEGAS
LVVWD = LAS VEGAS VALLEY WATER DISTRICT
NDOT = NEVADA DEPT. OF TRANSPORTATION
UDS = UNIFORM DESIGN AND CONSTRUCTION STANDARDS (UDACS)
USD = UNIFORM STANDARD DWGS. (CLARK COUNTY)
CCWRD = CLARK COUNTY WATER RECLAIMATION DISTRICT

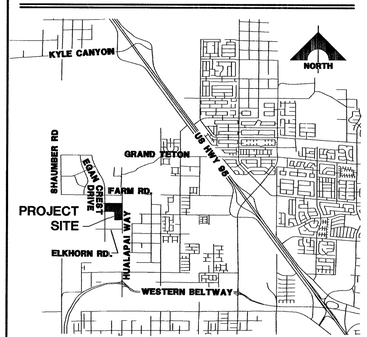
NOTE:
LEGEND & ABBREVIATIONS IN UNIFORM STANDARD DRAWINGS, LATEST EDITION, WILL BE UTILIZED FOR ANY LEGEND AND ABBREVIATIONS REQUIRED WHICH ARE NOT SHOWN.

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

Avoid hitting overhead power lines. It's costly.
CALL BEFORE YOU DO OVERHEAD
CALL 1-702-227-2929

LOCATION MAP

N.T.S.



THE WEST HALF OF SECTION 13, T 19 S, R 59 E, CLARK COUNTY, NEVADA

CONSTRUCTION NOTES

ROADWAY

- (1/R) INSTALL A.C. PAVEMENT PER TYPICAL STREET SECTIONS, SEE SHEET 8.
- (2/R) INSTALL 6" "L" TYPE CURB & GUTTER — (216/USD)
- (3/R) VERIFY LOCATION AND ELEVATION OF EXISTING ROADWAY IMPROVEMENT AND MATCH TO EXISTING CONDITION.
- (4/R) INSTALL "A" TYPE ISLAND CURB — (219/USD)
- (5/R) INSTALL 8' CROSS GUTTER — (228/USD)
- (6/R) INSTALL HANDICAP RAMP CURB DEPRESSION SEE PLAN AND PROFILES FOR RAMP DATA — (235/USD) (2/9)
- (7/R) CONSTRUCT 4' CONC. SIDEWALK SEE SECTIONS ON SHEET 9 — (234/USD)
- (8/R) NOT USED
- (9/R) INSTALL 30" ROLL CURB — (217A/USD)

WATER

- (1/W) INSTALL 3/4" WATER METER — (18/UDS)
- (2/W) INSTALL 8"X8" TEE
- (3/W) NOT USED
- (4/W) NOT USED
- (5/W) NOT USED
- (6/W) NOT USED
- (7/W) INSTALL 22-1/2° BEND
- (8/W) INSTALL 8" 45° BEND
- (9/W) NOT USED
- (10/W) INSTALL CAP W/ 2" BLOW-OFF ASSEMBLY — (4A/UDS)
- (11/W) INSTALL FIRE HYDRANT ASSEMBLY — (7/UDS)
- (12/W) NOT USED
- (13/W) NOT USED
- (14/W) REMOVE CAP AND BLOW OFF PER UDACS PLATE NO. 4A, NOTE NO. 1, AND CONNECT TO EXISTING MAIN. (CONTRACTOR TO VERIFY SIZE, INVERT, AND LOCATION OF EX WATER LINE PRIOR TO CONSTRUCTION).
- (15/W) INSTALL 8" GATE VALVE & BOX — (388/UDS)
- (16/W) NOT USED
- (17/W) INSTALL 8"x6" REDUCER

SEWER

- (20/S) INSTALL 48" DIA. SEWER MANHOLE — (SD 1-8/CCWRD)
- (21/S) INSTALL ENDCAP AND MARKER — (SD-12/CCWRD)
- (22/S) REMOVE PLUG & CONNECT TO EX SEWER LINE (CONTRACTOR TO VERIFY SIZE, INVERT, AND LOCATION OF EX SEWER LINE PRIOR TO CONSTRUCTION).
- (23/S) INSTALL 4" SEWER WYE & LATERAL & MARKER — (SD-12/CCWRD) (SD-17/CCWRD)
- (24/S) INSTALL 60" DIA. DEEP MANHOLE — (SD 1-8/CCWRD) (5/10)

STORM DRAIN

- (30/SD) INSTALL TYPE I 60" ACCESS STORM DRAIN MANHOLE — (403/USD)
- (31/SD) INSTALL TYPE III STORM DRAIN MANHOLE — (406/USD)
- (32/SD) INSTALL TYPE II STORM DRAIN MANHOLE — (405/USD)
- (33/SD) INSTALL MODIFIED TYPE "CM" DROP INLET — (1/9)
- (34/SD) INSTALL TEMPORARY PLUG
- (35/SD) REMOVE PLUG & CONNECT TO EX STORM DRAIN LINE (CONTRACTOR TO VERIFY SIZE, INVERT, AND LOCATION OF EX STORM DRAIN LINE PRIOR TO CONSTRUCTION)
- (36/SD) INSTALL 2' X 2' JENSEN PRECAST DROP INLET — (6/10)

IRRIGATION

- (45/IR) BANK "A": 2-4" ANO 1'-6" SCHD, 40 PVC — (6/9)

LEGAL DESCRIPTION

LOT 114 OF BLOCK 7 AS SHOWN BY MAP OF "CLIFFS EDGE PARENT" ON FILE IN BOOK 118, PAGE 88 OF PLATS IN THE COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA, LYING WITHIN THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 13, TOWNSHIP 19 SOUTH, RANGE 59 EAST. M.D.M., CLARK COUNTY, NEVADA.

APPROVAL:

LAS VEGAS VALLEY WATER DISTRICT PROJ # 112548 — DATE

CLV DRAWING NO. 107-4891-3

STATE OF NEVADA — KEITH J. LAVAGNINO — No. 15507 — PROFESSIONAL ENGINEER — CIVIL
DATE: 6/21/06

REV.	DATE	DESCRIPTION	DATE	ASSN.	APP.	DATE	CONV.	APP.

ISSUED FOR:
ISSUE DATE:

DESIGN: DFF
DRAWN: AM/MDY
CHECK: SWN
ISSUE DATE:
ISSUE EDITOR:
PLOT DATE: 06-21-06
PLOT TIME: 09:22:04

G. C. WALLACE, INC.
Engineers/Planners/Surveyors
1555 SOUTH RAINBOW BLVD./LAS VEGAS, NEVADA 89146
TEL: (702) 804-2000 FAX: (702) 804-2048
I:\743\194\Dwg\Phase 3\Imps\114c002.dwg
MYadeger

MADISON GROVE AT PROVIDENCE - PHASE 3 (POD 114)
A RESIDENTIAL PLANNED DEVELOPMENT
TOLL BROTHERS

PROJECT NOTES SHEET I

JOB NO. 743.194

DRAWING 2

93540