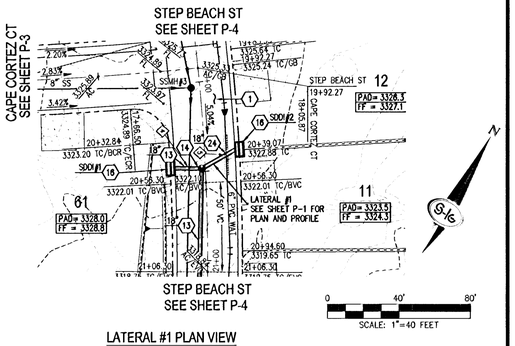
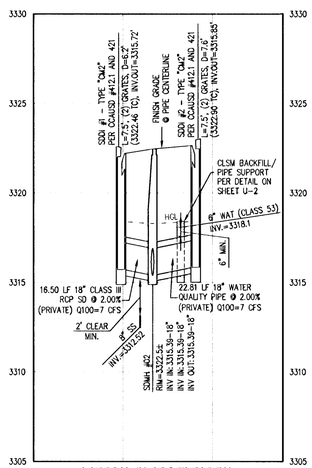
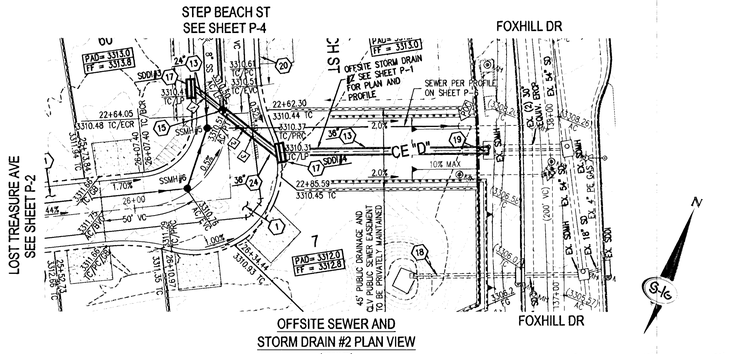


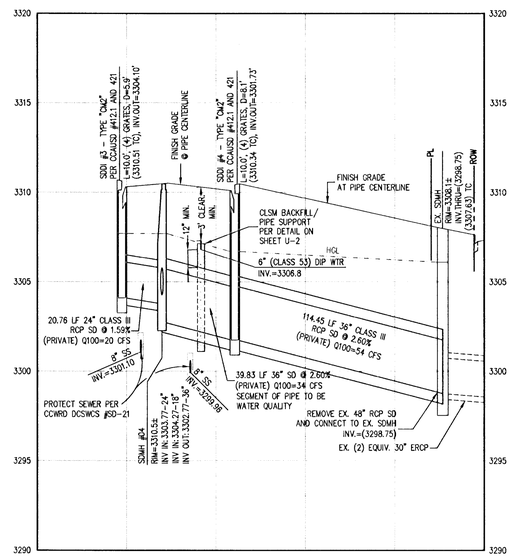
LATERAL #1 PLAN VIEW
(PRIVATE)



LATERAL #1 PROFILE VIEW
VERT.SCALE: 1"=4'

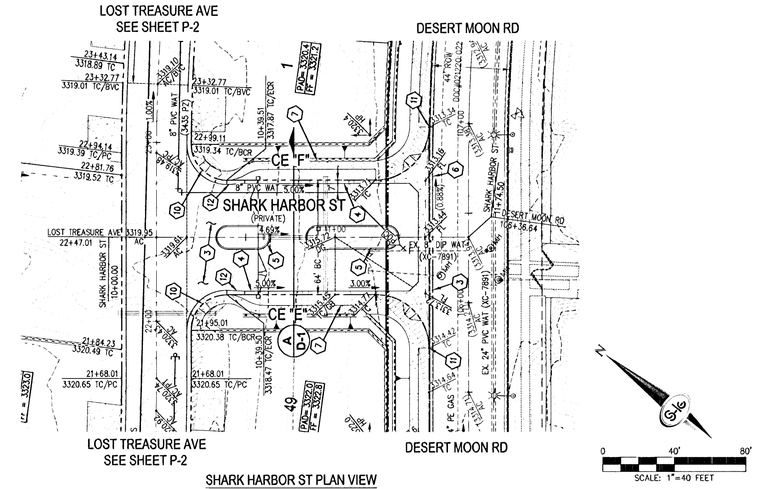
A



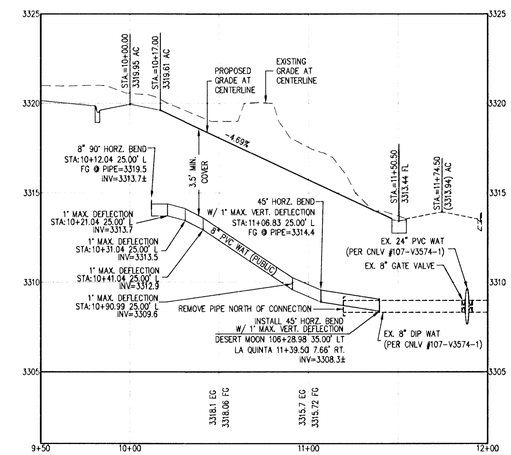


OFFSITE SEWER AND
STORM DRAIN #2 PROFILE VIEW
VERT.SCALE: 1"=4'

B



SHARK HARBOR ST PLAN VIEW
(PRIVATE)



SHARK HARBOR ST PROFILE VIEW
VERT.SCALE: 1"=4'

C

SEE SHEET U-1 AND U-2 FOR UTILITY DESIGN

ALL SEWER/ STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.22 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.

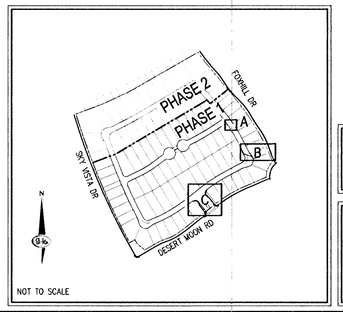
CROSSING DATA

1. INV. 8" SS = 3301.10
   INV. 24" SD = 3303.96
2. INV. 8" SS = 3299.96
   INV. 36" SD = 3302.36
3. INV. 6" WAT = 3306.80
   INV. 36" SD = 3302.20
4. INV. 8" SS = 3312.52
   INV. 18" SD = 3315.53
5. INV. 6" WAT = 3318.10
   INV. 18" SD = 3315.71

GRADING NOTES

1. CONSTRUCT 2" AC PAVEMENT WITH 4" TYPE II OVER 6" TYPE I AGGREGATE BASE
2. CONSTRUCT 3" AC PAVEMENT WITH 4" TYPE II OVER 6" TYPE I AGGREGATE BASE
3. SAWCUT AND MATCH EXISTING IMPROVEMENTS
4. INSTALL "L" TYPE CURB AND GUTTER PER CCAUSD #216
5. INSTALL "A" TYPE ISLAND CURB PER CCAUSD #219
6. CONSTRUCT 8' CROSS GUTTER PER SUMMERLIN IMPROVEMENT STANDARDS S-64
7. CONSTRUCT 5' WIDE SIDEWALK PER SUMMERLIN IMPROVEMENT STANDARDS S-72
8. INSTALL ROLL CURB DEPRESSION PER DETAIL ON SHEET D-1
9. INSTALL CONCRETE FLUME PER DETAIL ON SHEET D-1
10. CONSTRUCT SIDEWALK RAMPS USING ARMOR TILE TRUNCATED DOMES OR EQUIVALENT PER CCAUSD NO. 235I
11. FIELD VERIFY AND TIE INTO EXISTING CURB AND GUTTER
12. INSTALL ROLL CURB TO "L" CURB TRANSITION PER DETAIL ON SHEET D-1
13. INSTALL RCP SD (CLASS III) (SIZE PER PLAN) (SEE PLAN AND PROFILE FOR DETAIL)
14. INSTALL 48" TYPE I STORM DRAIN MANHOLE PER CCAUSD #403
15. INSTALL 60" TYPE II STORM DRAIN MANHOLE PER CCAUSD #405
16. INSTALL 7.5' TYPE CM2 DROP INLET (2) GRATES PER CCAUSD NO. 412A "TYPE C-D MODIFIED DROP INLET" AND CCAUSD #421
17. INSTALL 10' TYPE CM2 DROP INLET (4) GRATES PER CCAUSD NO. 412A "TYPE C-D MODIFIED DROP INLET" AND CCAUSD #421
18. REMOVE EXISTING STORM DRAIN TO PROPERTY LINE AND PLUG. SEE DETAIL 22 ON SHEET D-2
19. REMOVE EX. STORM DRAIN AND CONNECT TO EXISTING STORM DRAIN MANHOLE
20. INSTALL 30" ROLL CURB PER SUMMERLIN STD. DWG #S-48
21. INSTALL RCP END SECTION PER NDOT R-2.3.1
22. PEDESTRIAN ACCESS GATE (BY OTHERS)
23. ADJUST EXISTING UTILITY VAULT TO FINISH GRADE
24. INSTALL STORM DRAIN (WATER QUALITY PIPE). SIZE PER PLAN. SEE PLAN AND PROFILE FOR DETAIL

SEE SHEET C-2 FOR ABBREVIATIONS



BENCHMARK

RIVET & PLATE IN TOP OF CURB IN THE SOUTHEAST CORNER OF DESERT MOON ROAD & DESERT SUNRISE ROAD, 7LV093415W5A

NAVD 88 ELEVATION = 1006.289 METERS = 3301.47 FEET

BASIS OF BEARING

NORTH 05°59'55" WEST, BEING THE BEARING OF THE WEST LINE OF SECTION 34, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF ON FILE IN BOOK 143, PAGE 47 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA.

APPROVED FOR CONSTRUCTION
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
PROJECT NO. 120993 DATE 12/18/12

SUMMERLIN

SUMMERLIN RESIDENTIAL DESIGN REVIEW COMMITTEE DATE

THIS SIGNATURE IS LIMITED TO APPROVAL OF THESE DOCUMENTS FOR CONFORMANCE TO THE DESIGN INTENT OF THE APPLICABLE DESIGN CRITERIA. NEITHER SUMMERLIN NOR THE SUMMERLIN RESIDENTIAL DESIGN REVIEW COMMITTEE ASSUMES RESPONSIBILITY FOR PLAN CONFORMANCE WITH APPLICABLE LAWS, ORDINANCES, AND CODES. H#16516

SLATER HANFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 234-5300 FAX (702) 234-5399

NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

LENNAR® LAS VEGAS, NEVADA

ESPERANZA PHASE 1
PLAN AND PROFILE I

S34 T20 R59

DATE: 11/29/12
DRAFTER: BCC
DESIGNER: BCC
CHECKED: STS
PROJECT NO. LEN1201.000

PROFESSIONAL ENGINEER – STATE OF NEVADA
JERRY K. SLATER
Exp. 06/30/2014
CIVIL
No. 14167
12-3-12

P-1
SHEET 9 OF 18

107Y5900

k:\len1201-000 sum x23 parcel m\dwg\mapcon\phase 1\len1201-000 phase1-p1.dwg 12/3/2012 12:01 PM Brian Chapman