



- ### GRADING NOTES
- CONSTRUCT 4" AC PAVEMENT WITH 4" TYPE II AGGREGATE BASE
 - CONSTRUCT 4" AC PAVEMENT WITH 4" TYPE II AGGREGATE BASE
 - CONSTRUCT 4" AC PAVEMENT WITH 4.5" TYPE II AGGREGATE BASE
 - REMOVE AND MATCH EXISTING IMPROVEMENTS PER CCASD NO. 503 & 504.4
 - CONSTRUCT STANDARD 30" ROLL CURB AND GUTTER PER CCASD NO. 217.51
 - CONSTRUCT "A" TYPE CURB AND GUTTER PER CCASD NO. 219
 - CONSTRUCT DEPRESSION 30" ROLL CURB PER DETAIL 27 ON SHEET D-3
 - CONSTRUCT "L" TYPE CURB AND GUTTER PER CCASD NO. 218
 - CONSTRUCT "L" TYPE ISLAND CURB PER CCASD NO. 219
 - CONSTRUCT 10" TRANSITION FROM "L" CURB TO STANDARD ROLL CURB PER DETAIL 27 ON SHEET D-3
 - CONSTRUCT 4" WIDE SIDEWALK PER CCASD NO. 234
 - CONSTRUCT SIDEWALK RAMP USING ARMOR TILE TRUNCATED DOWNS OR EQUIVALENT CCASD NO. 235, CASE 1 & 2
 - CONSTRUCT SIDEWALK RAMP USING ARMOR TILE TRUNCATED DOWNS PER DETAIL 28 ON SHEET D-3
 - SIDEWALK DRAIN PER CCASD 238
 - FIELD VERIFY AND CONNECT TO EXISTING CURB, GUTTER AND SIDEWALK
 - CONSTRUCT MODIFIED 8" CROSS GUTTER PER DETAIL 31 ON SHEET D-3
 - INSTALL 24" WIDE DRIVEWAY APPROACH PER CCASD NO. 224
 - CONSTRUCT TYPICAL BUS TURN-OUT PER CCASD NO. 234.1
 - INSTALL 6" HIGH WROUGHT IRON FENCE W/ GATE FOR SIDEWALK ACCESS PER DETAIL 29 ON SHEET D-3
 - INSTALL REMOVABLE BOLLARD PER DETAIL 27 ON SHEET D-3
 - EXISTING DROP INLETS PROTECT IN PLACE
 - INSTALL CONCRETE CHANNEL PER DETAIL 13 ON SHEET D-1
 - FIELD VERIFY EX. UTILITIES
 - DRAINAGE EASEMENT TO BE PRIVATELY MAINTAINED BY HOA
 - INSTALL WROUGHT IRON FENCE PER DETAIL 30 ON SHEET D-3
 - CONSTRUCT 8" CROSS GUTTER PER CCASD NO. 228
 - INSTALL RIP RAP D50-6" T-12"
 - INSTALL 18" CLASS III RCP SD (PUBLIC)
 - INSTALL 36" CLASS III RCP SD (PUBLIC)
 - INSTALL 60" TYPE 1 SD MANHOLE PER CCASD NO. 401 & 403
 - EXISTING CURB AND GUTTER TO BE REMOVED
 - REMOVE CAR AND CONNECT TO 36" RCP WITH CONCRETE COLLAR PER DETAIL 29 ON SHEET D-3
 - INSTALL 3" TYPE "CM" DROP INLET PER CCASD NO. 412 & 42
 - INSTALL 120T TYPE 2 DROP INLET PER DETAIL ON SHEET D-2
 - INSTALL BOLTED DOWN MANHOLE LID PER DETAIL 16 ON SHEET D-1 IN UNIMPROVED AREAS
 - INSTALL 36" C900 (WATER QUALITY) SD (PUBLIC)
- SEE SHEET C-2 FOR ABBREVIATIONS AND QUANTITIES

- ### GENERAL NOTES
- FINAL GRADES ADJACENT TO STRUCTURES SHALL BE IN CONFORMANCE WITH IBC 2006, SECTION 2304.11.2.2.
 - THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND REPORT ALL DISCREPANCIES TO THE ENGINEER.
 - ALL IMPROVEMENTS TO BE PROTECTED FROM EROSION BY SWPPP.
 - MAXIMUM/MINIMUM SLOPES AND MINIMUM STREET SECTIONS NOT TO EXCEED THAT SHOWN ON GEOTECH REPORT.
 - SEE DETAIL SHEET FOR STREET SECTIONS AND DETAILS.
 - ALL PUBLIC AND PRIVATE DRAINAGE IMPROVEMENTS TO BE BONDED FOR AND INSPECTED.
 - CONSTRUCTION OF BLOCK WALLS REQUIRES A SEPARATE BUILDING PERMIT AND APPROVAL BY THE CLARK COUNTY BUILDING DEPARTMENT.
 - CONTRACTOR TO VERIFY LOCATION AND ELEVATION OF EXISTING UTILITY STRUCTURES AND FACILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. CONTRACTOR TO PROTECT IN PLACE DURING CONSTRUCTION. ENGINEER/OWNER SHALL BE NOTIFIED OF ANY DAMAGE TO EXISTING FACILITIES PRIOR TO CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR REPAIR/REPLACING FACILITIES IF ENGINEER/OWNER IS NOT NOTIFIED OF EXISTING DAMAGE PRIOR TO CONSTRUCTION COMMENCING.
 - NO STRUCTURE, VEGETATION, OR OBJECTS OF ANY KIND IS PERMITTED OVER TWENTY-FOUR (24) INCHES IN HEIGHT MEASURED FROM THE TOP OF THE ADJACENT CURB IF CURB EXISTS WITHIN THE SIGHT VISIBILITY ZONES.
- SEE SHEET U-1 FOR UTILITY DESIGN

BENCHMARK
CITY OF LAS VEGAS BENCHMARK STATION: 6LV8018C4
BEING A RIVET AND PLATE IN THE TOP OF CURB AT SOUTHEAST CORNER OF GRAND CANYON DR. AND FARM RD.
ELEVATION: 2768.39 US SURVEY FEET (NAV888)
863.168 METERS

BASIS OF BEARING
THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE FOUND AND HELD MONUMENTS MARKING THE SOUTHERLY LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 13, T19S, R06E, M06M, CLARK COUNTY, NEVADA PER RECORD OF SURVEY BOOK 123, PAGE 32, CLARK COUNTY RECORDER'S OFFICE AS SOUTH 89°48'16" EAST.

PROFILE
HOR. : 1"=40'
VERT. : 1"=4'

Call before you Dig
Avoid hitting underground utility lines. It's costly.
Call
1-800-227-2600
and
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7511
1-702-432-5300
LAS VEGAS AREA
COMPUTERIZED TRAFFIC SYSTEM

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call
1-800-227-2600
and
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

Call before you Dig
Avoid hitting overhead power lines. It's costly.
Call before you Dig
1-702-227-2929

NOTE
ALL PRIVATE STREETS ARE P.U.E., PUBLIC SEWER EASEMENTS AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY HOA.

APPROVED FOR CONSTRUCTION
W. SHARPE, BR. DOA MEADE
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
PROJECT NO. 21440 DATE 3/12/14



SLATER HANFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300
FAX (702) 284-5300

NO.	DESCRIPTION	DATE	BY	APP.
1	REV. SHEET FOR R. SHARPE'S	05-14-14	W. SHARPE	

CITY OF LAS VEGAS, NEVADA

LENNAR
NORTH CREEK
PLAN AND PROFILE - GRAND CANYON DRIVE

DATE: 02/27/14
DRAFTER: KS
DESIGNER: KS
CHECKED: STS
PROJECT NO.
LEN1308-001

PP-4
SHEET 11 OF 30
1074993