

- ### STORM DRAIN NOTES
- CONSTRUCT TYPE "CM2" DROP INLET (USDCCA STD. DWG. NO. 412.1)
  - CONSTRUCT NDOT TYPE 2B DROP INLET (NDOT STD. PLAN R-4.2.2)
  - CONSTRUCT 60" TYPE I MANHOLE (USDCCA STD. DWG. NO. 403.1)
  - CONSTRUCT 60" TYPE III MANHOLE (USDCCA STD. DWG. NO. 406.1)
  - CONSTRUCT NDOT TYPE 4 MANHOLE (NDOT STD. PLAN R-4.3.2)
  - CONSTRUCT RCB ACCESS MANHOLE (TYPE I OR IA MANHOLE ASSEMBLY PER USDCCA STD. DWG. NO. 403 OR 404. USE OF TYPE I OR IA SHALL BE DETERMINED BASED ON FINAL COVER REQUIRED)
  - INSTALL 48" RCP (USDCCA STD. DWG. NO. 503.2)
  - INSTALL 18" RCP (USDCCA STD. DWG. NO. 503.2) OR C905 WATER QUALITY SEE LATERAL DETAILS (SHEETS SD-07 THRU SD-09)
  - INSTALL 24" RCP (USDCCA STD. DWG. NO. 503.2) OR C905 WATER QUALITY SEE LATERAL DETAILS (SHEETS SD-07 THRU SD-09)
  - INSTALL 36" RCP (USDCCA STD. DWG. NO. 503.2)
  - INSTALL 42" RCP (USDCCA STD. DWG. NO. 503.2)
  - INSTALL 72" RCP (USDCCA STD. DWG. NO. 503.2) WITH 1" SACRIFICIAL CONCRETE (INSIDE DIAMETER 2" CONCRETE OVER STEEL)
  - INSTALL 36" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
  - INSTALL 42" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
  - CONSTRUCT PRECAST 8' X 8' RCB (NDOT STD. PLAN B-20.1.8) WITH 1" SACRIFICIAL CONCRETE
  - CONSTRUCT PRECAST 10' X 8' RCB (NDOT STD. PLAN B-20.1.2) WITH 1" SACRIFICIAL CONCRETE
  - CONSTRUCT JUNCTION STRUCTURE (SEE STRUCTURAL DETAILS)
  - CONSTRUCT TRANSITION STRUCTURE (SEE STRUCTURAL DETAILS)
  - CONSTRUCT NDOT TYPE II HEADWALL (NDOT STD. PLAN B-20.1.5 & B-20.1.5.1)

- ### NOTES
- ALL RCP SHALL BE CLASS III UNLESS OTHERWISE SHOWN.
  - ALL PIPE LENGTHS ARE MEASURED ALONG PIPE CENTERLINE TO CENTER OF MANHOLE OR INSIDE EDGE OF DI OR RCB/RCA.
  - ALL DROP INLETS SHALL INCLUDE STORM WATER MANAGEMENT STAMP AND DETAIL PER USDCCA STD. DWG. NO. 421.
  - SEE STRUCTURAL PLANS FOR ADDITIONAL STRUCTURAL DETAILS AND CONNECTIONS.
  - ALL PIPES ARE PUBLICLY MAINTAINED.

### DROP INLET NOTE

WHERE 10 FEET PARALLEL SEPARATION IS NOT PRACTICABLE

CAST-IN-PLACE MONOLITHIC POUR WITH WATERSTOP BETWEEN SLAB AND WALLS. BASE, WALLS AND TOP TO BE CONSTRUCTED WITH WATERSTOPS, CENTER BULB, OR FLAT STRIP (VINYLEX, GREENSTREAK PLASTIC PRODUCTS OR APPROVED EQUAL)

### LEGEND

1 STORM DRAIN LATERAL # (SEE SHEETS SD-07 THRU SD-09)

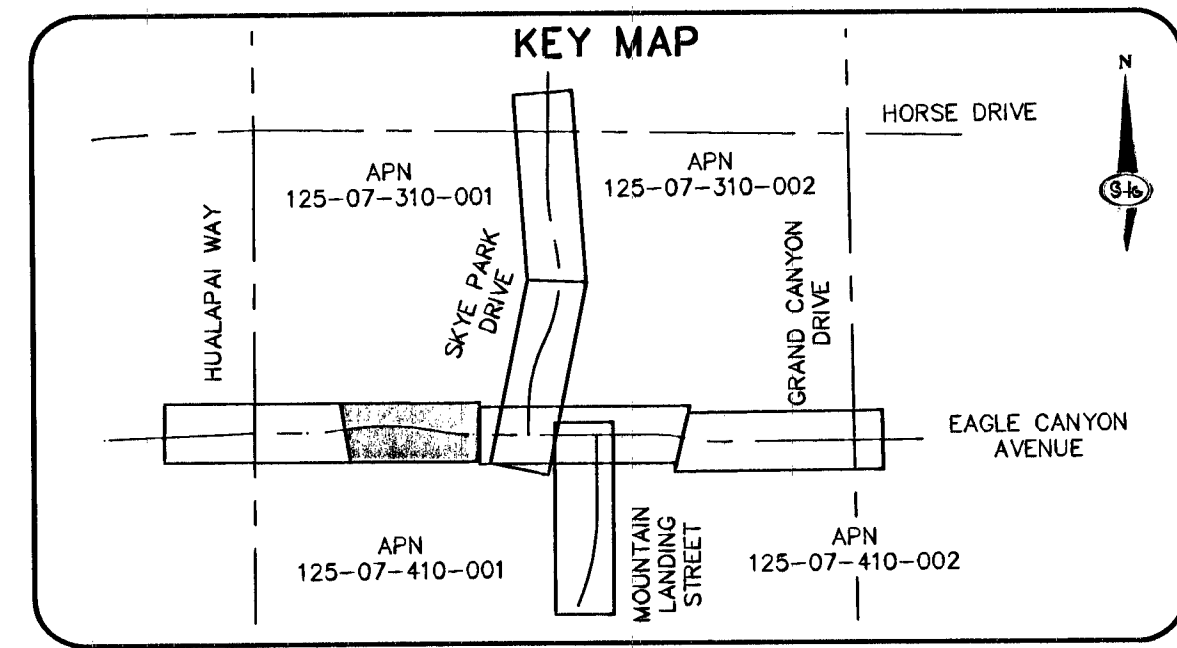
I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED TECHNICAL DRAINAGE STUDY DS-4661 ON FILE AT THE CITY OF LAS VEGAS FOR THE SUBJECT PROJECT

JERRY SLATER, P.E. 14187 DATE 7/15

APPROVED FOR CONSTRUCTION

DATE 02/11/15

PROJECT NO. 122933 1ST APP'D 10/30/14



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**SLATER HANIFAN GROUP**

CONSULTING ENGINEERS & PLANNERS

5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118

PHONE (702) 284-5300 FAX (702) 284-5388

NO.	DESCRIPTION	DATE	BY	APP.
1	REVISED STORM DRAIN PROFILE	07/12/15	JSL	JSL

**NINETY-FIVE MANAGEMENT LLC**

**SKYE CANYON PHASE 1**

**EAGLE CANYON AVENUE, SKYE PARK DRIVE & MOUNTAIN LANDING STREET**

**STORM DRAIN PLAN AND PROFILE - "RS" 74+00.00 TO "RS" 80+00.00**

DATE: 9/17/14

DRAFTER: SPC

DESIGNER: DAM

CHECKED: JSR

PROJECT NO. **OLY1401-001**

PROFESSIONAL ENGINEER STATE OF NEVADA

JERRY SLATER

14187

7/15

**SD-02**

SHEET 20 OF 50

DWG NO. 107V6296-PC

HANSEN NO. 54673

12/14/14 10:51 AM C:\p\1401-001\Drawings\Construction\Supporting\Sheet\107V6296-PC.dwg (2014) 14187 JSL