QUANTITIES

DESCRIPTION	UNIT	TOTAL QUANTITY
8" SEWER	LF	2,256
10" SEWER	LF	600
SEWER MANHOLE 72"	EA	11 ~~14~~
~~SEWER MANHOLE 60"~~ ~~EA~~ 1 TOTAL SEWER MANHOLE 48" EA		3
8" WATER MAIN	LF	4,391
6" WATER LATERAL	LF	251
8" GATE VALVE	EA	18
6" GATE VALVE	EA	7
8" 45° BEND	EA	8
8" 5° BEND	EA	23
8" X 8" TEE	EA	3
8" X 6" TEE	EA	7
10" X 8" TAPPING SLEEVE	EA	1
WATER CAP	EA	6
2" BLOW-OFF ASSEMBLY	EA	6
8" X 8" CROSS	EA	2
LANDSCAPE WATER SERVICE	EA	4
FIRE HYDRANT	EA	7
CURB & GUTTER (TYPE "L" & "A")	LF	7,256
CROSS GUTTER	SF	4,450
SIDEWALK RAMP	EA	14
RIP RAP (D50-08")	CY	25
TYPE II GRAVEL BASE	CY	1,870
3" ASPHALTIC CONCRETE PAVING	SY	16,824
CAST IN PLACE TRANSITION STRUCTURE	LS	3
18" STORM DRAIN	LF	507
24" STORM DRAIN	LF	192
36" STORM DRAIN	LF	107
42" STORM DRAIN	LF	123
48" STORM DRAIN	LF	102
72" STORM DRAIN	LF	2,448
10' X 8' RCB	LF	53
8' X 6' RCB	LF	175
60" STORM DRAIN MANHOLE	EA	4
NDOT TYPE 4 MANHOLE	EA	15
RCB ACCESS MANHOLE	EA	3
5' CM2 DROP INLET	EA	11
7.5' CM2 DROP INLET	EA	1
17.5' CM2 DROP INLET	EA	4
20' CM2 DROP INLET	EA	1
NDOT TYPE 2B DROP INLET	EA	1
36" NDOT END SECTION	EA	1
42" NDOT END SECTION	EA	1
PULLBOX	EA	9
2" ST/LT CONDUIT	LF	3,849
STREET LIGHT 200 AMP SERVICE	EA	1
STREET LIGHT (STANDARD BASE)	EA	24
STREET LIGHT FOUNDATION (STANDARD BASE)	EA	24
SURVEY MONUMENTS	EA	6
PAVEMENT STRIPING COLLECTOR	LF	4,000
EXCAVATION AND EMBANKMENT	CY	33,799
STREET/STOP SIGNS	EA	35

QUANTITIES-PRIVATE

DESCRIPTION	UNIT	TOTAL QUANTITY
8" SEWER	LF	~~0~~ 459
SEWER MANHOLE 72"	EA	~~0~~ 3
8" WATER MAIN	LF	851
6" WATER LATERAL	LF	16
8" GATE VALVE	EA	3
6" GATE VALVE	EA	1
LANDSCAPE WATER SERVICE	EA	1
8" 90° BEND	EA	1
8" X 8" TEE	EA	1
WATER CAP	EA	1
2" BLOW-OFF ASSEMBLY	EA	1
FIRE HYDRANT	EA	1
CURB & GUTTER (TYPE "L" & "A")	LF	1,530
SIDEWALK RAMP	EA	2
TYPE II GRAVEL BASE	CY	425
3" ASPHALTIC CONCRETE PAVING	SY	3,825
18" STORM DRAIN	LF	62
24" STORM DRAIN	LF	61
36" STORM DRAIN	LF	843
60" STORM DRAIN MANHOLE	EA	6
10' CM2 DROP INLET	EA	2
15' CM2 DROP INLET	EA	2
36" NDOT END SECTION	EA	2
PULLBOX	EA	1
2" ST/LT CONDUIT	LF	671
STREET LIGHT (STANDARD BASE)	EA	5
STREET LIGHT FOUNDATION (STANDARD BASE)	EA	5
PAVEMENT STRIPING COLLECTOR	LF	800
EXCAVATION AND EMBANKMENT	CY	4,282
STREET/STOP SIGNS	EA	9

APPROVED FOR CONSTRUCTION

LVVWD ENGINEERING SERVICES MANAGER — DATE 10/30/14

PROJECT NO. 122933

LEGEND

- TEL 5-4" — EXISTING TELEPHONE CABLE
- 12" SS — EXISTING SANITARY SEWER LINE
- 12" W — EXISTING WATER LINE
- 18" SD — EXISTING STORM DRAIN LINE
- ELE UG 1-4" — EXISTING UNDERGROUND ELECTRICAL LINE
- OHP — EXISTING OVERHEAD POWER LINE
- OHP/TEL — EXISTING OVERHEAD POWER AND TELEPHONE LINE
- 4" PE GAS — EXISTING GAS LINE
- CATV — EXISTING CABLE TELEVISION LINE
- EXISTING CURB & GUTTER
- EXISTING RIGHT-OF-WAY LINE
- EXISTING PROPERTY LINE
- EXISTING CHAIN-LINK FENCE
- SL — EXISTING STREET LIGHT CONDUIT
- EXISTING MANHOLE OR VAULT
- EXISTING VALVE (GAS OR WATER)
- EXISTING FIRE HYDRANT
- EXISTING POWER OR TELEPHONE POLE
- EXISTING PADMOUNTED SERVICE PEDESTAL
- EXISTING NV ENERGY TRANSFORMER
- EXISTING SWING GATE
- EXISTING STREET LIGHT
- EXISTING ON-SITE LIGHT

- STREET CENTERLINE
- EASEMENT LINE
- AEP
- PROPOSED SIGN
- CONCRETE SURFACE
- PLANTMIX BITUMINOUS SURFACE OVERLAY
- COLD MILL
- FLOWLINE
- SAWCUT LINE
- CONTOUR LINE
- 1875 / 12.3 TC — ELEVATION
- STORM DRAIN MANHOLE
- SANITARY SEWER MANHOLE
- 100 WATT STREET LIGHT
- 250 WATT STREET LIGHT
- 4" ITS — FAST ITS CONDUIT
- FAST P30 PULLBOX
- FAST TYPE 200 SPLICE VAULT

ABBREVIATIONS

ABUT	ABUTMENT
AC	ALUMINUM CAP/ASPHALTIC CONCRETE
AEP	AUTHORIZATION TO ENTER PROPERTY
AP	ANGLE POINT
APN	ASSESSORS PARCEL NUMBER
AVE	AVENUE
BC	BEGIN CURVE/BRASS CAP/BACK OF CURB
BCR	BEGIN CURB RETURN
BLVD	BOULEVARD
BM	BENCHMARK
BOT	BOTTOM
BRG	BEARING
BSW	BACK OF SIDEWALK
BVCE	BEGIN VERTICAL CURVE ELEVATION
BVCS	BEGIN VERTICAL CURVE STATION
CATV	UNDERGROUND CABLE TV
CG	CURB AND GUTTER
CCSD	DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS
CKT	CIRCUIT
CLR	CLEAR/CLEARANCE
CLBM	CITY OF LAS VEGAS BENCHMARK
CLV	CITY OF LAS VEGAS
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
℄, C/L	CENTERLINE
COB	CENTER OF BOLLARD
COL	COLUMN
CONST	CONSTRUCT/CONSTRUCTION
COORD	COORDINATE
COR	CORNER
CY	CUBIC YARD(S)
Δ	DELTA
DB	DIRECT BURY
DBL	DOUBLE
DI	DROP INLET
DIA	DIAMETER
DIST	DISTANCE
DR	DRIVE
DW	DRIVEWAY
DWG	DRAWING
ECR	END CURB RETURN
E	EAST
EA	EACH
ESMT	EASEMENT
ECR	END CURB RETURN
ELEC	ELECTRICAL
ELEV/EL	ELEVATION
EP/EOP	EDGE OF PAVEMENT
EQ	EQUAL
EST	ESTIMATED
EVC	END VERTICAL CURVE
EX./EXIST	EXISTING
EXP	EXPANSION JOINT
EW	EACH WAY
FC	FACE OF CURB
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
FO	FIBER OPTIC
FS	FINISH SURFACE
FT	FOOT/FEET
FTG	FOOTING
FW	FACE OF WALL
FYA	FLASHING YELLOW ARROW
G	GAS
GA	GAUGE
GB	GRADE BREAK
GND	GROUND
H	HEIGHT
HGL	HYDRAULIC GRADE LINE
HORIZ	HORIZONTAL
HWY	HIGHWAY
INV	INVERT
ITS	INTELLIGENT TRANSPORTATION SYSTEM
JT	JOINT
LF	LINEAR (LINEAL) FEET
LIP	LIP OF GUTTER
LT	LEFT
LUM	LUMINAIRE
LVVWD	LAS VEGAS VALLEY WATER DISTRICT
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MLCP	MULTI-LAYERED COMPOSITE PIPE
MOD	MODIFY/MODIFIED
MON	MONUMENT
MPH	MILES PER HOUR
N	NORTH
NDOT	NEVADA DEPARTMENT OF TRANSPORTATION
NO	NUMBER
NVE	NV ENERGY
NTS	NOT TO SCALE
OC	ON CENTER
OHP	OVERHEAD POWER LINE
PAT	PATENT
PB	PULL BOX
PBS	PLANTMIX BITUMINOUS SURFACE
PC	POINT OF CURVE, PHOTO CELL
PCC	POINT OF COMPOUND CURVE
PD	PONDING DEPTH
PE	PROJECT ENGINEER/POLYETHYLENE
PED	PEDESTRIAN
PG	PROFILE GRADE (FG ON CONTROL LINE)
PGL	PROFILE GRADE LINE
PH	POTHOLE
PI	POINT OF INTERSECTION
PKWY	PARKWAY
PL	PROPERTY LINE
PMF	PAVEMENT MARKING FILM
POB	POINT OF BEGINNING
POC	POINT ON CURVE
POE	POINT OF ENDING
POT	POINT ON TANGENT
PP	POWER POLE
PPCBR	PORTABLE PRECAST CONCRETE BARRIER RAIL
PPM	POLYUREA PAVEMENT MARKINGS
PR	PAIR
PROP	PROPOSED
PRC	POINT OF REVERSE CURVE
PRVC	POINT REVERSE VERTICAL CURVE
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENCY
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
R	RADIUS
RCB	REINFORCED CONCRETE BOX
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
RDWY	ROADWAY
REC	RECTANGULAR
REINF	REINFORCED
REQD	REQUIRED
RND	ROUND
RP	RADIUS POINT
RPM	RAISED PAVEMENT MARKERS
R/W	RIGHT-OF-WAY
RT	RIGHT
S	SOUTH
SCH	SCHEDULE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SECT	SECTION
SF	SQUARE FOOT/FEET
SHLDR	SHOULDER
SHT	SHEET
SIM	SIMILAR
SP	SERVICE POINT
SPA	SPACING
SQ	SQUARE
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STA	STATION
STD	STANDARD
ST	STREET
STL	STEEL
SL	STREET LIGHT
STRUCT	STRUCTURE
SW	SIDEWALK
SNBORS	SOUTHERN NEVADA BUILDING OFFICIALS REGIONAL STANDARDS
SWG	SOUTHWEST GAS
T	TELEPHONE/TOP
TAN	TANGENT
TC	TOP OF CURB
TEMP	TEMPORARY
TF	TOP OF FOOTING
TG	TOP OF GRATE
TMH	TOP OF MANHOLE
TRANS	TRANSITION STRUCTURE
TRW	TOP OF RETAINING WALL
TW	TOP OF WALL
TS	TRAFFIC SIGNAL
TYP	TYPICAL
UDACS	UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS
USDCCA	UNIFORM STD. DRAWINGS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA, NEVADA
UT	UNDERGROUND TELEPHONE
VAR	VARIABLE/VARIES
VC	VERTICAL CURVE
VERT	VERTICAL
VG	VALLEY GUTTER
W	WEST
WY	WAY
WT	WEIGHT
XING	CROSSING

ALIGNMENT ABBREVIATIONS

"RS"	EAGLE CANYON AVENUE (HUALAPAI WAY TO GRAND CANYON DRIVE)
"CS"	SKYE PARK DRIVE (EAGLE CANYON AVENEUE TO HORSE DRIVE)
"HW"	HUALAPAI WAY (@ EAGLE CANYON AVENUE)
"CS"	MOUNTAIN LANDING STREET (@ EAGLE CANYON AVENUE)
"GCD"	GRAND CANYON DRIVE (@ EAGLE CANYON AVENUE)
"SCP"	HORSE DRIVE (@ SKYE PARK DRIVE)

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NO.	DESCRIPTION	DATE	BY	APP. DATE	APP.

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON PHASE 1
EAGLE CANYON AVENUE, SKYE PARK DRIVE & MOUNTAIN LANDING STREET
ABBREVIATIONS, LEGEND AND QUANTITIES

DATE: 9/17/14
DRAFTER: SPC
DESIGNER: DAM
CHECKED: JSR

PROJECT NO.
OLY1401-001

PROFESSIONAL ENGINEER — STATE OF NEVADA — JERRY SCHROEDER — CIVIL — No. 14167 — RENEWAL 08/30/2016 — 9/30/14

G-03
SHEET 3 OF 53

DWG NO. 107V6296-FIC
HANSEN NO. 54673