



IMPROVEMENT PLANS

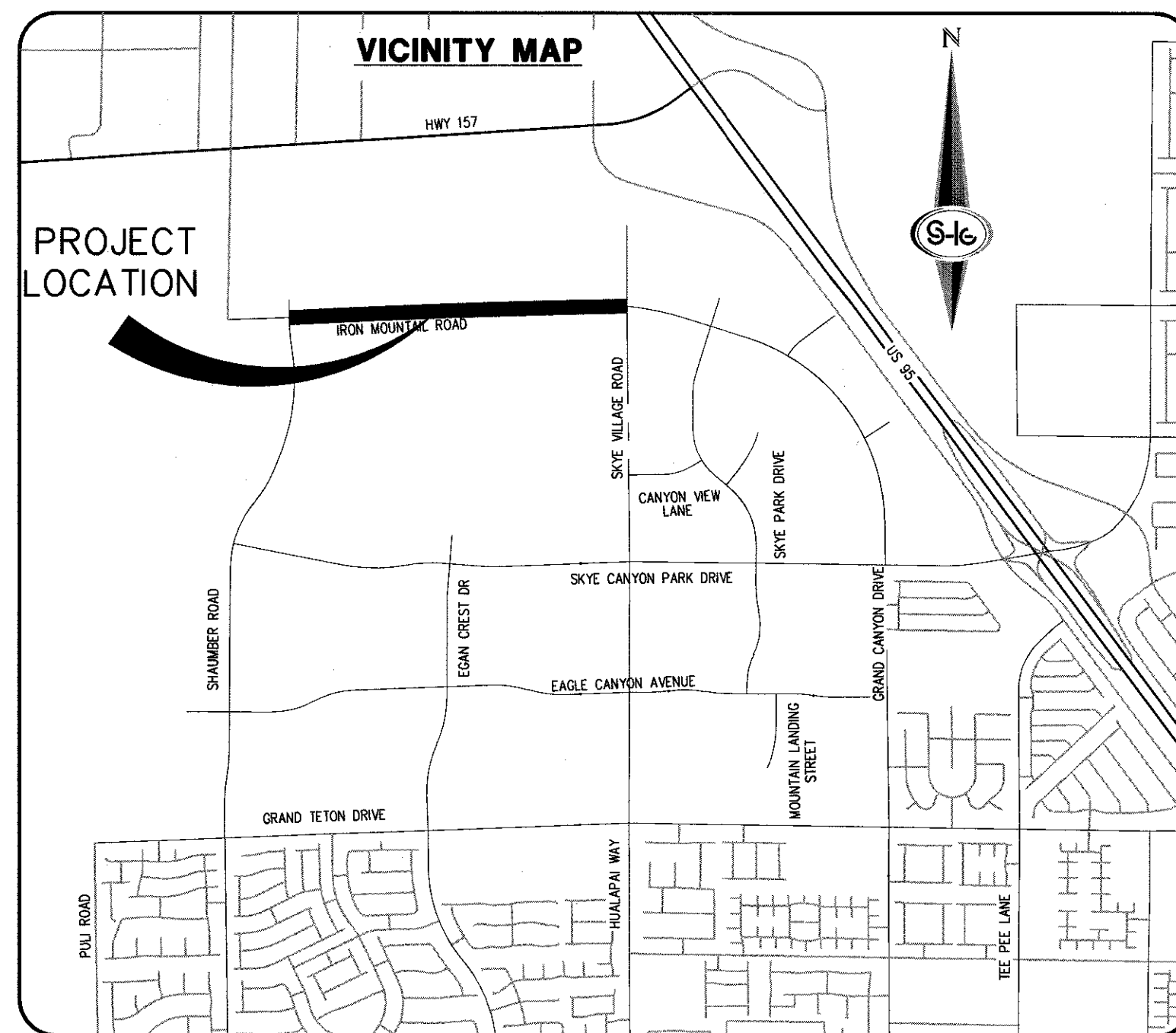
FOR

SKYE CANYON PHASE 3B, 3C

IRON MOUNTAIN ROAD

SHAUMBER RD TO SKYE VILLAGE RD

APN:126-12-101-002
12.6 AC



BENCHMARK

MONUMENT ID: USDA (1934) 19
U.S. DEPARTMENT OF AGRICULTURE BRASS DISC AT SOUTHWEST CORNER OF U.S. 95 AND KYLE CANYON ROAD
ELEVATION = 2817.61 FEET, 858.810 METERS
NAVD 88 DATUM
PER THE CITY OF LAS VEGAS BENCHMARK BOOK - 2008 ADJUSTMENT (UPDATED 05/24/2010)

BASIS OF BEARING

NORTH 89°16'30" WEST, BEING THE BEARING OF THE SOUTH LINE OF THE NORTHWEST QUARTER (NW1/4) OF SECTION 7, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF IN FILE 147, PAGE 71 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA.

OWNER

M F LAND LLC
% OLYMPIA COMPANIES LLC
11411 SOUTHERN HIGHLANDS PARKWAY, SUITE 300
LAS VEGAS, NV 89141

DEVELOPER

NINETY-FIVE MANAGEMENT LLC
% OLYMPIA COMPANIES LLC
11411 SOUTHERN HIGHLANDS PARKWAY, SUITE 300
LAS VEGAS, NV 89141
PH (702) 220-6565
FX (702) 220-6566

ENGINEER

SLATER HANIFAN GROUP
5740 S. ARVILLE STREET #216
LAS VEGAS, NV 89118
(702) 284-5300



APPROVALS

CITY ENGINEER-ALLEN E. PAVELKA PE #9029 DATE
APPROVAL OF THESE PLANS BY THE CITY ENGINEER IS LIMITED TO THOSE IMPROVEMENTS CONSTRUCTED IN THE DEDICATED RIGHT-OF-WAY, AND/OR DEDICATED EASEMENTS. THIS APPROVAL DOES NOT AUTHORIZE CONSTRUCTION OF ANY IMPROVEMENTS THAT DEVIATE FROM ADOPTED STANDARDS AND/OR SPECIFICATIONS EXCEPT THOSE SPECIALLY LISTED UNDER DEVIATIONS FROM STANDARDS. THE ENGINEER SHALL RESOLVE ANY DEVIATION OTHER THAN THOSE LISTED IN DEVIATIONS FROM STANDARDS IN FAVOR OF THE UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS, CLARK COUNTY AREA, NEVADA.

CHRIS KNIGHT DATE
DIRECTOR, BUILDING AND SAFETY
THIS PLAN MEETS THE APPLICABLE STANDARDS OF THE PLANNING DEPARTMENT.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
PROJECT NO. XXXXX DATE:
SHEETS:
LVWD APPROVED FIRE FLOW XXXX GPM AT XX PSI RESIDUAL

APPROVAL BY THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LAS VEGAS VALLEY WATER DISTRICT.

LAS VEGAS FIRE AND RESCUE DATE

NV ENERGY DATE

NV ENERGY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS ASSOCIATED WITH THIS PROJECT. NV ENERGY RESERVES THE RIGHT TO ADDRESS ANY EXISTING OR FUTURE CONFLICTS ONCE THE FINAL DESIGN IS COMPLETED. THE NEW SERVICE AND THE RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO THE NEVADA PUBLIC UTILITY COMMISSION'S RULES AND REGULATIONS.

CENTRAL TELEPHONE CO, DBA CENTURYLINK DATE

THE AFFIXED CENTRAL TELEPHONE CO, DBA CENTURYLINK APPROVAL DOES NOT ASSUME OR GUARANTEE LIABILITY FOR KNOWN OR UNKNOWN CONFLICTS WITH EXISTING OR PROPOSED IMPROVEMENTS. RESOLUTION OF ANY CONFLICT WILL BE ACCOMPLISHED PURSUANT TO LOCAL ORDINANCES, NEVADA REVISED STATUTES AND/OR PUBLIC UTILITY COMMISSION RULES AND REGULATIONS.

SOUTHWEST GAS CORPORATION DATE

COX COMMUNICATIONS LAS VEGAS, INC. DATE

INDEX OF DRAWINGS

SHT. NO.	DWG NO.	DESCRIPTION
1	G-01	COVER SHEET
2	G-02	GENERAL NOTES
3	G-03	ABBREVIATIONS, LEGEND, AND QUANTITIES
4	TY-01	ROADWAY SECTIONS
5	PP-01	CONSTRUCTION PLAN - "IM" 120+75 TO "IM" 117+00
6	PP-02	CONSTRUCTION PLAN - "IM" 117+00 TO "IM" 111+00
7	PP-03	CONSTRUCTION PLAN - "IM" 111+00 TO "IM" 105+50
8	PP-04	CONSTRUCTION PLAN - "IM" 105+50 TO "IM" 99+50
9	PP-05	CONSTRUCTION PLAN - "IM" 99+50 TO "IM" 93+50
10	PP-06	CONSTRUCTION PLAN - "IM" 93+50 TO "IM" 87+50
11	PP-07	CONSTRUCTION PLAN - "IM" 87+50 TO "IM" 81+75
12	PP-08	CONSTRUCTION PLAN - "IM" 81+75 TO "IM" 75+50
13	LAT-01	STORM DRAIN LATERALS
14	GR-01	GRADING PLAN
15	DTL-01	STORM DRAIN DETAILS
16	UTL-01	UTL PLAN & PROFILE - "IM" 111+00 TO "IM" 105+50
17	UTL-02	UTL PLAN & PROFILE - "IM" 105+50 TO "IM" 99+50
18	UTL-03	UTL PLAN & PROFILE - "IM" 99+50 TO "IM" 93+50
19	UTL-04	UTL PLAN & PROFILE - "IM" 93+50 TO "IM" 87+50
20	UTL-05	UTL PLAN & PROFILE - "IM" 87+50 TO "IM" 81+75
21	UTL-06	UTL PLAN & PROFILE - "IM" 81+75 TO "IM" 75+50
22	UTL-07	UTILITY LATERAL I
23	UTL-08	UTILITY LATERAL II
24	TR-01	TRAFFIC PLAN I
25	TR-02	TRAFFIC PLAN II
26	TR-03	TRAFFIC PLAN III
27	TR-04	TRAFFIC PLAN IV

SLATER HANIFAN GROUP
a Westwood team
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON PHASE 3B
IRON MOUNTAIN ROAD
COVER SHEET



DATE: 9/8/18

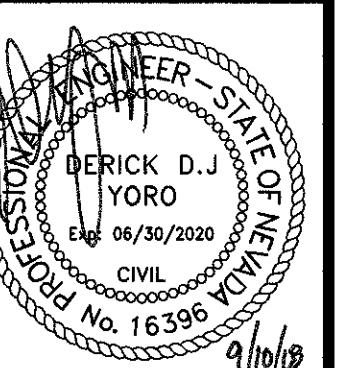
DRAFTER: HF

DESIGNER: HF

CHECKED: DY

PROJECT NO.

OLY1609-000



G-01

SHEET 1 OF 27

TEL 5'-4"	EXISTING TELEPHONE CABLE	STREET CENTERLINE
12" SS	EXISTING SANITARY SEWER LINE	EASEMENT LINE
12" W	EXISTING WATER LINE	AEP
18" SD	EXISTING STORM DRAIN LINE	PROPOSED SIGN
ELE UG 1'-4"	EXISTING UNDERGROUND ELECTRICAL LINE	CONCRETE SURFACE
OHP	EXISTING OVERHEAD POWER LINE	PLANTMIX BITUMINOUS SURFACE
OHP/TEL	EXISTING OVERHEAD POWER AND TELEPHONE LINE	FLOWLINE
4" PE GAS	EXISTING GAS LINE	SAWCUT LINE
CATV	EXISTING CABLE TELEVISION LINE	CONTOUR LINE
	EXISTING CURB & GUTTER	ELEVATION
	EXISTING RIGHT-OF-WAY LINE	FUTURE ELEVATION
	EXISTING PROPERTY LINE	STORM DRAIN MANHOLE
X X X	EXISTING CHAIN-LINK FENCE	SANITARY SEWER MANHOLE
SL	EXISTING STREET LIGHT CONDUIT	100 WATT STREET LIGHT
	EXISTING MANHOLE OR VAULT	250 WATT STREET LIGHT
	EXISTING VALVE (GAS OR WATER)	FAST ITS CONDUIT
FH	EXISTING FIRE HYDRANT	FAST P30 PULLBOX
PP	EXISTING POWER OR TELEPHONE POLE	FAST TYPE 200 SPLICE VAULT
	EXISTING PADMOUNTED SERVICE PEDESTAL	
	EXISTING NV ENERGY TRANSFORMER	
	EXISTING SWING GATE	
	EXISTING STREET LIGHT	
	EXISTING ON-SITE LIGHT	

AC	ALUMINUM	GND	GROUND	R/W	RIGHT-OF-WAY
ACB	ALUMINUM CAP/ASPHALTIC CONCRETE	H	HEIGHT	RT	RIGHT
AD	AUTHORIZATION TO ENTER PROPERTY	HGL	HYDRAULIC GRADE LINE	S	SOUTH
AP	ANGLE POINT	HORIZ	HORIZONTAL	SC	SCHEDULE
APN	ASSESSORS PARCEL NUMBER	HWY	HIGHWAY	SD	STORM DRAIN
AVE	AVENUE	INV	INVERT	SDMH	STORM DRAIN MANHOLE
B/C	BEGIN CURB/BRASS CAP/BACK OF CURB	ITS	INTELLIGENT TRANSPORTATION SYSTEM	SECT	SECTION
BCR	BEGIN CURB RETURN	JT	JOINT	SF	SQUARE FOOT/FEET
BLVD	BOULEVARD	LF	LINEAR (LINEAL) FEET	SHLDR	SHOULDER
BM	BENCHMARK	LIP	LIP OF GUTTER	SHIT	SHIRT
BOT	BOTTOM	LT	LEFT	SNM	SIMILAR
BRG	BEARING	LUM	LUMINAIRE	SP	SERVICE POINT
BSW	BEGIN SIDEWALK	LWVD	LAS VEGAS VALLEY WATER DISTRICT	SPA	SPACING
BVCE	BEGIN VERTICAL CURVE ELEVATION	MAXM	MAXIMUM	SQ	SQUARE
BVCS	BEGIN VERTICAL CURVE STATION	MH	MANHOLE	SS	SANITARY SEWER
CATV	UNDERGROUND CABLE TV	MIN	MINIMUM	SSWH	SANITARY SEWER MANHOLE
CG	CURB AND GUTTER	MLCP	MULTI-LAYERED COMPOSITE PIPE	STA	STATION
CCSD	DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS	MOD	MODIFY/MODIFIED	STD	STANDARD
CKT	CIRCUIT	MON	MONUMENT	ST	STREET
CLR	CLEAR/CLEARANCE	MPH	MILES PER HOUR	STL	STREET LIGHT
CLBM	CITY OF LAS VEGAS BENCHMARK	N	NORTH	STRUCT	STRUCTURE
CLV	CITY LAS VEGAS	NDOT	NEVADA DEPARTMENT OF TRANSPORTATION	SW	SEWALK
CMU	CONCRETE MASONRY UNIT	NDR	NUMBER	SNBORS	SOUTHERN NEVADA BUILDING OFFICIALS
CONC	CONCRETE	NVE	NV ENERGY		REGIONAL STANDARDS
C/C/L	CENTERLINE	NTS	NOT TO SCALE	SWG	SOUTHWEST GAS
COL	CENTER OF BOLLARD	OC	ON CENTER		TELEPHONE/TOP
CONC	CONCRETE	OHF	OVERHEAD POWER LINE	T	TANGENT
CONST	CONSTRUCT/CONSTRUCTION	PAT	PATENT	TAN	TANGENT
COORD	COORDINATE	PB	PULL BOX	TC	TOP OF CURB
COR	CORNER	PBS	PLANTWAX BITUMINOUS SURFACE	TEMP	TEMPERARY
CY	CUBIC YARD(S)	PCC	POINT OF COMPOUND CURVE	TF	TOP OF FOOTING
Δ	Δ	PD	POINT OF DEPTH	TG	TOP OF GRATE
DBL	DOUBLE	PE	PEDESTRIAN	TH	TOP OF MANHOLE
DI	DROP INLET	PD	PROJECT ENGINEER/POLYETHYLENE	THM	TRANSITION STRUCTURE
DIA	DIAMETER	PD	POINT OF DEPTH	THW	TOP OF HEADWALL
DIST	DISTANCE	PG	PROFILE GRADE (FG ON CONTROL LINE)	TRW	TOP OF RETAINING WALL
DR	DRIVE	PGL	PROFILE GRADE LINE	TW	TOP
DW	DRIVEWAY	PH	POTHOLE	TS	TRAFFIC SIGNAL
DWG	DRAWING	PI	POINT OF INTERSECTION	TP	TYPICAL
DWR	END CURB RETURN	PKWY	PARKWAY	UDACS	UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS
E	EAST	PL	PROPERTY LINE	USDCCA	UNIFORM STD. DRAWINGS FOR PUBLIC WORKS'
EACH	EACH	PMF	PAVEMENT MARKING FILM		CONSTRUCTION OFF-SITE IMPROVEMENTS
ESMT	EASEMENT	POB	POINT OF BEGINNING	UT	UNDERGROUND TELEPHONE
ECR	END CURB RETURN	POC	POINT ON CURVE	VAR	VARIABLE/VARIES
ELEV/EL	ELEVATION	POE	POINT OF ENDING	VC	VERTICAL CURVE
EP/EOP	EDGE OF PAVEMENT	POI	POINT ON TANGENT	VG	VALLEY GUTTER
EQ	EQUAL	PP	POWER POLE	W	WEST
EST	ESTIMATED	PPCB	PORTABLE PRECAST CONCRETE BARRIER RAIL	WY	WAY
EVC	END VERTICAL CURVE	PPM	POLYUREA PAVEMENT MARKINGS	WT	WEIGHT
EX/EXIST	EXISTING	PR	PAIR	WX	CROSSING
EXP	EXPANSION JOINT	PROP	PROPOSED		
EW	EACH WAY	PRC	POINT OF REVERSE CURVE		
FC	FACE OF CURB	PRVC	POINT REVERSE VERTICAL CURVE		
FG	FINISH GRADE	PSI	POUNDS PER SQUARE INCH		
FL	FIRE HYDRANT	PT	POINT OF TANGENCY		
FI	FLOW LINE	PVI	POINT OF VERTICAL INTERSECTION		
FIN	FINISH OPTIC	PVMT	PAVEMENT		
FS	FINISH SURFACE	R	RADIUS		
FT	FOOT/FEET	RCB	REINFORCED CONCRETE BOX	"ECO"	EGAN CREST DRIVE (SKYE CANYON PARK DRIVE TO EAGLE CANYON DRIVE)
FTG	FOOTING	RCP	REINFORCED CONCRETE PIPE	"IMR"	IRON MOUNTAIN ROAD (SKYE VILLAGE ROAD TO SHAUMBER ROAD)
FW	FACE OF WALL	RD	ROAD	"SCP"	SKYE CANYON PARK DRIVE (SKYE VILLAGE ROAD TO SHAUMBER ROAD)
FYA	FLASHING YELLOW ARROW	RDWY	ROADWAY	"SR"	SHAUMBER ROAD (SKYE CANYON PARK DRIVE TO IRON MOUNTAIN ROAD)
G	GAS	REC	RECTANGULAR		
GA	GAUGE	REINF	REINFORCED		
GB	GRADE BREAK	REQD	REQUIRED		
		RND	ROUND		
		RA	RADIUS POINT		
		RPM	RAISED PAVEMENT MARKERS	"SVR"	SKYE VILLAGE ROAD

"ECD"	EGAN CREST DRIVE (SKYE CANYON PARK DRIVE TO EAGLE CANYON DRIVE)
"JMR"	IRON MOUNTAIN ROAD (SKYE VILLAGE ROAD TO SHAUMBER ROAD)
"SCP"	SKYE CANYON PARK DRIVE (SKYE VILLAGE ROAD TO SHAUMBER ROAD)
"SR"	SHAUMBER ROAD (SKYE CANYON PARK DRIVE TO IRON MOUNTAIN ROAD)
"SVR"	SKYE VILLAGE ROAD

DRAINAGE			
	DESCRIPTION		
1.	DROP INLET 5' TYPE CM2	EA	-
2.	DROP INLET 17.5' TYPE CM2	EA	- 2
3.	DROP INLET 20' TYPE CM2	EA	- 1
4.	STRUCTURAL DROP INLET	EA	-
5.	60" TYPE III MANHOLE	EA	- 10
6.	48" TYPE II MANHOLE	EA	- 9
7.	NDOT TYPE 4 MANHOLE	EA	-
8.	RCA ACCESS MANHOLE	LF	-
9.	18" RCP	LF	- 368
10.	24" RCP	LF	-
11.	30" RCP	LF	- 89
12.	36" RCP	LF	- 75
13.	42" RCP	LF	- 1589
14.	54" RCP	LF	- 1235
15.	60" RCP	LF	- 1156
16.	66" RCP	LF	- 146
17.	96"x48" RCB	LF	- 95
18.	PRECAST 6'X6' RCB	LF	-
19.	PRECAST 8'X5' RCB	LF	-
20.	PRECAST 8'X7' RCA	LF	-
21.	PRECAST 10'X9' RCA	LF	-
22.	STRUCTURAL HEADWALL	LF	-
23.	NDOT TYPE II HEADWALL	LF	-
24.	18" END SECTION	LF	-
25.	30" END SECTION	LF	- 1
26.	36" END SECTION	LF	- 1
27.	42" END SECTION	LF	-
28.	RIPRAP	CY	- 182
29.	BEEHIVE INLET	EA	- 1

1.	8" SDR35 PVC SEWER PIPE	LF	-	2,331
2.	STANDARD 48" SEWER MANHOLE	EA	-	7
3.	8" SEWER PIPE CAP	EA	-	3
4.				
5.				

1.	FIRE HYDRANT ASSEMBLY W/6" GATE VALVE PER UDACS PLATE NO. 40	EA	–	3
12.	12" C-900 PVC WATER PIPE (CLASS 150)	LF	–	2,214
8.	8" C-900 PVC WATER PIPE (CLASS 150)	LF	–	126
4.	6" C-900 PVC WATER PIPE (CLASS 150)	LF	–	107
5.	12" GATE VALVE WITH VALVE BOX PER UDACS PLATE NO. 30 & 39	EA	–	1
6.	8" GATE VALVE WITH VALVE BOX PER UDACS PLATE NO. 30 & 39	EA	–	3
7.	6" GATE VALVE WITH VALVE BOX PER UDACS PLATE NO. 30 & 39	EA	–	2
8.	6" CAP WITH GATE VALVE WITH VALVE BOX PER UDACS PLATE NO. 30 & 39	EA	–	1
9.	12" X 12" TEE PER UDACS PLATE NO. 31	EA	–	3
10.	12" X 8" TEE PER UDACS PLATE NO. 31	EA	–	–
11.	12" X 6" TEE PER UDACS PLATE NO. 31	EA	–	5
12.	12" 11.25 DEGREE BEND PER UDACS PLATE NO. 31	EA	–	–
13.	12" 45 DEGREE BEND PER UDACS PLATE NO. 31	EA	–	–
14.	12" 45 DEGREE VERTICAL BEND PER UDACS PLATE NO. 31	EA	–	4
15.	1" DEGREE BEND PER UDACS PLATE NO. 31	EA	–	–
16.	1" DEGREE VERTICAL BEND PER UDACS PLATE NO. 31	EA	–	5
17.	12" CAP AND 2" BLOW-OFF ASSEMBLY W/CAP PER UDACS PLATE NO. 36	EA	–	3
18.	8" CAP AND 2" BLOW-OFF ASSEMBLY W/CAP PER UDACS PLATE NO. 36	EA	–	2
6.	6" CAP AND 2" BLOW-OFF ASSEMBLY W/CAP PER UDACS PLATE NO. 36	EA	–	1

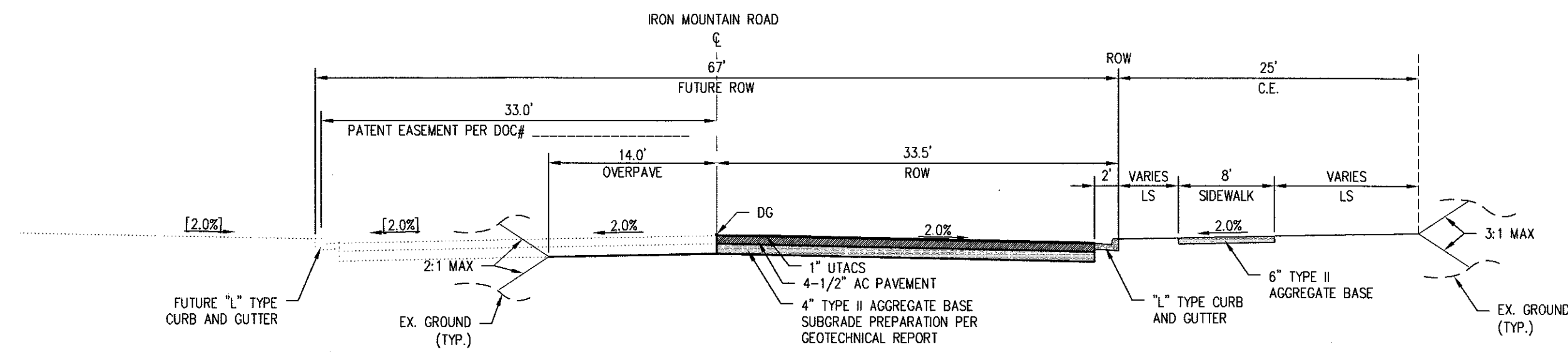
1.	2" A.C. PAVEMENT W/ 4" TYPE II AGGREGATE BASE	SY	--	--
2.	STANDARD 18" TYPE "L" ISLAND CURB & GUTTER W/6" TYPE I AGGREGATE BASE	LF	--	--
3.	STANDARD 8" TYPE "A" ISLAND CURB W/6" TYPE I AGGREGATE BASE	LF	--	--
4.	STANDARD 30" TYPE "ROLL" CURB & GUTTER W/6" TYPE I AGGREGATE BASE	LF	--	--
5.	4' WIDE CONCRETE SIDEWALK W/4" TYPE II AGGREGATE BASE	SF	--	--
6.	COMMON ELEMENT LANDSCAPING	SE	--	--
7.	2" ALUMINUM CAP STAINED MONUMENT PER CCAUSD DWG 242	EA	--	--
8.	SIDEWALK RAMPS PER CCAUSD NO. 235	EA	--	--

1.	30" STOP SIGN WITH POST (R1-1)	EA	-	-
2.	9" STREET NAME SIGN (D-3, BROWN W/ WHITE LETTERS)(6 POLES x 2 PER POLE-12)	EA	-	-
3.	BLUE COLORED REFLECTIVE RAISED PAVEMENT MARKER	EA	-	-
4.	CROSSWALK MARKINGS	LF	-	-
5.				
6.				
7.				

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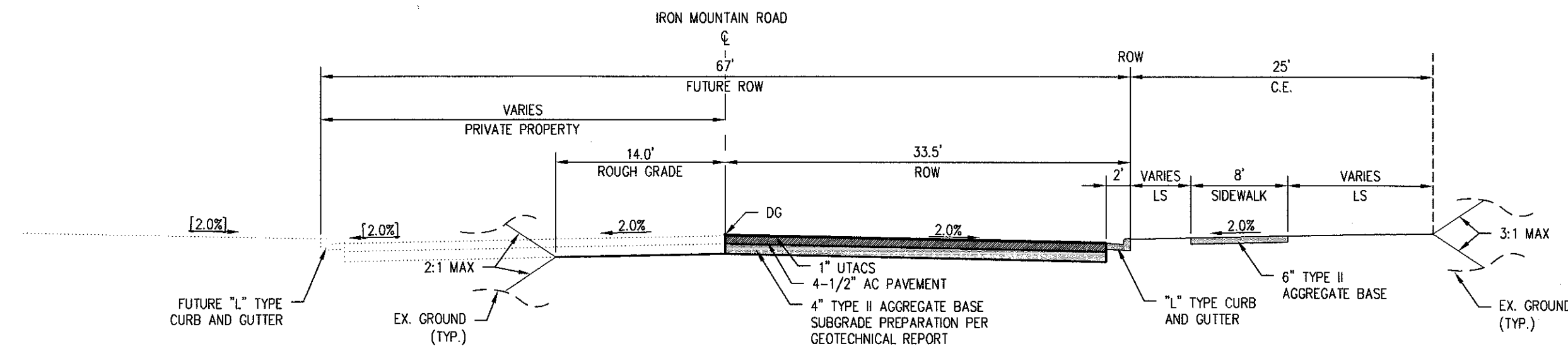
SHEET 3 OF 27

J:\OUT1609-000 SKYE CANYON PHASE 3B 3D\DWG\IMPROV3B-C\VALU1609-000-TY-01.DWG 9/27/2018 3:51 PM Bert Rivers



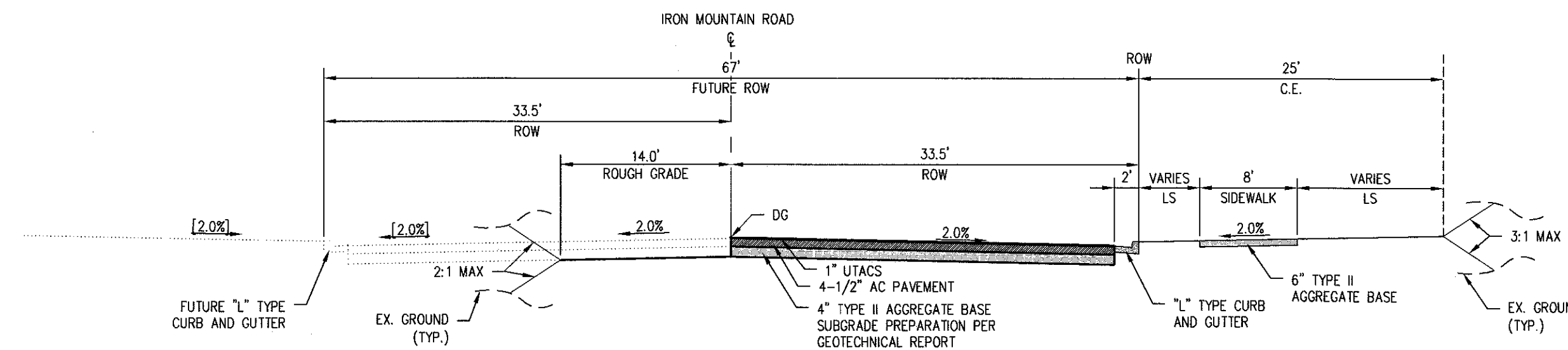
IRON MOUNTAIN ROAD (SKYE VILLAGE TO SHAUMBER ROAD)
PATENT EASEMENT-NOT TO SCALE

D



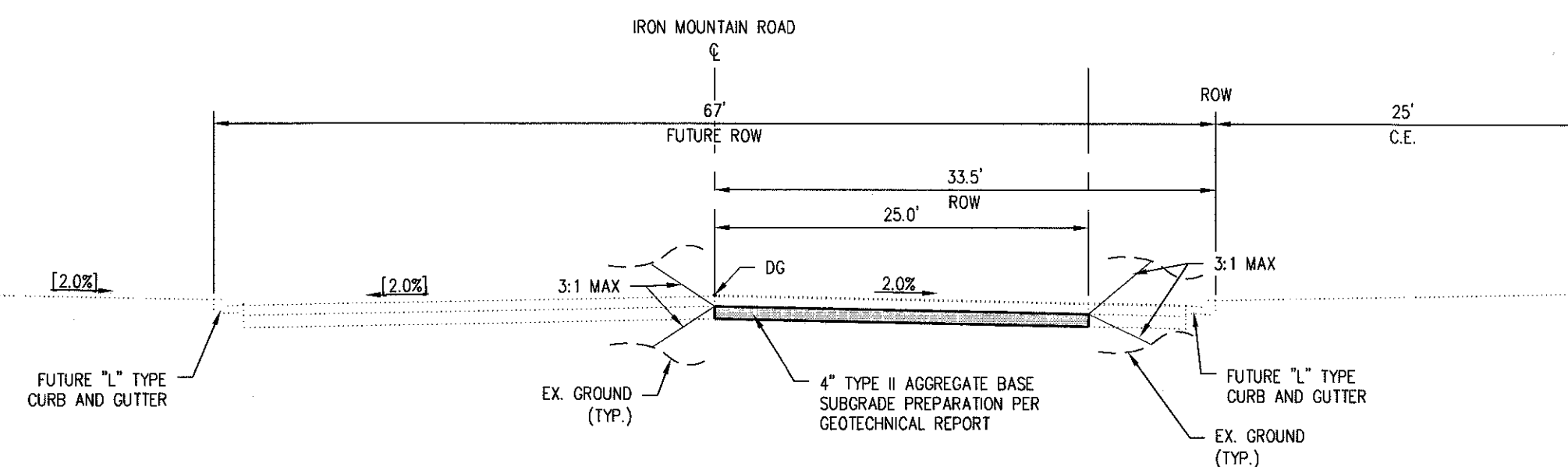
IRON MOUNTAIN ROAD (SKYE VILLAGE TO SHAUMBER ROAD)
PRIVATE PROPERTY-NOT TO SCALE

C



IRON MOUNTAIN ROAD (SKYE VILLAGE TO SHAUMBER ROAD)
RIGHT-OF-WAY ON BOTH SIDES-NOT TO SCALE

B



IRON MOUNTAIN ROAD (SHAUMBER ROAD TO SHEEP MOUNTAIN PKWY)
NOT TO SCALE

A

NO.	DESCRIPTION	DATE	BY	APP.	DATE

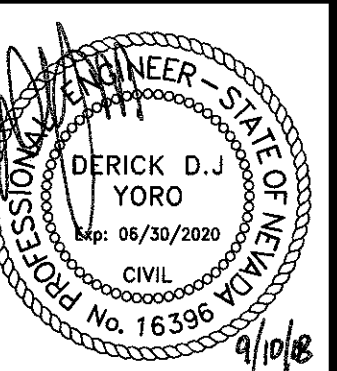
NINETY-FIVE MANAGEMENT LLC

SKYE CANYON PHASE 3BC
IRON MOUNTAIN ROAD
ROADWAY SECTIONS



DATE: 9/8/18
DRAFTER: HF
DESIGNER: HF
CHECKED: DY

PROJECT NO.
OLY1609-000



TY-01
SHEET 4 OF 27



- | | |
|---|---|
| ① | CONSTRUCT 1" UTACS OVER 4.5" PBS OVER 4" TYPE II AGGREGATE BASE (SEE TY SHEETS) |
| ② | CONSTRUCT 1" UTACS OVER 5.5" PBS OVER 6" TYPE II AGGREGATE BASE (SEE TY SHEETS) |
| ③ | CONSTRUCT "A" TYPE ISLAND CURB (USDCCA STD. DWG. NO. 219) |
| ④ | CONSTRUCT "L" TYPE CURB AND GUTTER (USDCCA STD. DWG. NO. 216) |
| ⑤ | CONSTRUCT SIDEWALK RAMP (CASE II) WITH TACTILE WARNING PANEL (USDCCA STD. DWG. NO. 235) |
| ⑥ | CONSTRUCT BUS TURN-OUT (USDCCA STD. DWG. NO. 234.1) |
| ⑦ | CONSTRUCT CONCRETE SIDEWALK (USDCCA STD. DWG. 234) |
| ⑧ | PROTECT IN PLACE (VERIFY LOCATION AND ELEVATION OF EX. IMPROVEMENT) |

STORM DRAIN NOTES

- | | |
|----|--|
| 1 | CONSTRUCT 48" TYPE II-SD MANHOLE (USDOCCA STD. DWG. NO. 405.2) |
| 2 | CONSTRUCT 60" TYPE III MANHOLE (USDOCCA STD. DWG. NO. 406.1) |
| 3 | INSTALL 18" RCP (USDOCCA STD. DWG. NO. 503.2) |
| 4 | INSTALL 24" RCP (USDOCCA STD. DWG. NO. 503.2) |
| 5 | INSTALL 30" RCP (USDOCCA STD. DWG. NO. 503.2) |
| 6 | INSTALL 36" RCP (USDOCCA STD. DWG. NO. 503.2) |
| 7 | INSTALL 42" RCP (USDOCCA STD. DWG. NO. 503.2) |
| 8 | INSTALL 54" RCP (USDOCCA STD. DWG. NO. 503.2) |
| 9 | INSTALL 60" RCP (USDOCCA STD. DWG. NO. 503.2) |
| 10 | INSTALL 72" RCP (USDOCCA STD. DWG. NO. 503.2) |
| 11 | INSTALL 30" RCP END SECTION (NDOT STD. PLAN R-2.3.1) |
| 12 | INSTALL 36" RCP END SECTION (NDOT STD. PLAN R-2.3.1) |
| 13 | INSTALL 42" RCP END SECTION (NDOT STD. PLAN R-2.3.1) |
| 14 | INSTALL 72" RCP END SECTION (NDOT STD. PLAN R-2.3.1) |
| 15 | CONSTRUCT TYPE "CM2" DROP INLET. SIZE PER PLAN (USDOCCA STD. DWG. NO. 412.1 & 421) |
| 16 | STRUCTURAL MANHOLE |
| 17 | CONSTRUCT CONCRETE COLLAR (SEE DETAIL 3/D/L-01) |
| 18 | CONSTRUCT INTERIM BRICK AND MORTAR PLUG SEE DETAIL 2/D/L-01 |
| 19 | INSTALL 24" RCP END SECTION (NDOT STD. PLAN R-2.3.1) |
| 20 | INSTALL 54" RCP END SECTION (NDOT STD. PLAN R-2.3.1) |
| 21 | INSTALL 66" RCP END SECTION (NDOT STD. PLAN R-2.3.1) W/1" SACRIFICIAL CONCRETE PER STRUCTURAL DWG. |

NOTES

- 1. ALL RCP SHALL BE CLASS II UNLESS OTHERWISE SHOWN.
- 2. ALL PIPE LENGTHS ARE MEASURED ALONG PIPE CENTERLINE TO CENTER OF MANHOLE OR INSIDE EDGE OF DIT OR ROAD/RA.
- 3. ALL DROP INLETS SHALL INCLUDE STORM WATER MANAGEMENT STAMP AND DETAIL PER USDOCA STD. DWG. NO. 421.
- 4. ADD STRUCTURAL PLANS FOR ADDITIONAL STRUCTURAL DETAILS AND CONNECTIONS.
- 5. ALL PIPES ARE PUBLICLY MAINTAINED.
- 6. ADD SPECIAL INSPECTION REQUIRED FOR PIPE SEGMENTS WITH SACRIFICIAL CONCRETE.
- 7. DIMENSIONS ARE TO BE BACK OF CURB, FACE OF CURB, OR FACE OF MEDIAN UNLESS OTHERWISE NOTED.
- 8. SEE T-SHEETS FOR TYPICAL SECTIONS.
- 9. SEE UT-SHEETS FOR WATER AND SEWER PLAN AND PROFILES.

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

 STORM DRAIN LATERAL # (SEE LAT SHEETS)

I CERTIFY THAT THIS GRADING PLAN IS IN
CONFORMANCE WITH THE APPROVED TECHNICAL
DRAINAGE STUDY DS-4931 ON FILE AT THE C
OF LAS VEGAS FOR THE SUBJECT PROJECT

 9/10/10

DERICK YORO, P.E. 16396 DATE

FLOOD ZONE

THE PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE 'X' (OUTSIDE THE 500-YEAR FLOOD PLAIN) ON THE FLOOD INSURANCE RATE MAP (FIRM) PANEL: 32003C1750E, DATED SEPTEMBER 27, 2002

NOTE:

PROPERTY OWNER IS RESPONSIBLE TO MAINTAIN THE BEST MANAGEMENT PRACTICES, SUCH AS BUT NOT LIMITED TO, THE REMOVAL OF ACCUMULATED SEDIMENT AND DEBRIS AND CARE OF VEGETATION.

APPROVED FOR CONSTRUCTION

LVVWD ENGINEERING SERVICES MANAGE
PROJECT NO. 126408

DATE _____



S-I-G **SLATER**
HANIFAN
GROUP
a Westwood team

5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
FAX (702) 284-5399
PHONE (702) 284-5300

[illegible]

NINETY-FIVE MANAGEMENT LLC
 SKYE CANYON PHASE 3BC
 IRON MOUNTAIN ROAD
 SECTION PLAN - "IM" 120+75 TO "IM" 117+00



DATE: 9/8/18

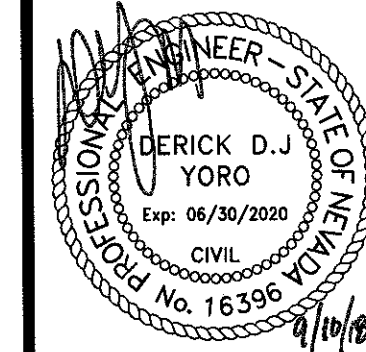
DRAFTER: HF

DESIGNER: HF

CHECKED: DY

PROJECT NO.

OLY1609-000



PP-01

SHEET 5 OF 27



1	CONSTRUCT 1" UTACS OVER 4.5" PBS OVER 4" TYPE II AGGREGATE BASE (SEE TY SHEETS)
2	CONSTRUCT 1" UTACS OVER 5.5" PBS OVER 6" TYPE II AGGREGATE BASE (SEE TY SHEETS)
3	CONSTRUCT "A" TYPE ISLAND CURB (USDCCA STD. DWG. NO. 219)
4	CONSTRUCT "L" TYPE CURB AND GUTTER (USDCCA STD. DWG. NO. 216)
5	CONSTRUCT SIDEWALK RAMP (CASE II) WITH TACTILE WARNING PANEL (USDCCA STD. DWG. NO. 235)
6	CONSTRUCT BUS TURN-OUT (USDCCA STD. DWG. NO. 234.1)
7	CONSTRUCT CONCRETE SIDEWALK (USDCCA STD. DWG. 234)
P	PROTECT IN PLACE (VERIFY LOCATION AND ELEVATION OF EX. IMPROVEMENT)

STORM DRAIN NOTES

1	CONSTRUCT 48" TYPE II-SD MANHOLE (USDCCA STD. DWG. NO. 405.2)
2	CONSTRUCT 60" TYPE III MANHOLE (USDCCA STD. DWG. NO. 406.1)
3	INSTALL 18" RCP (USDCCA STD. DWG. NO. 503.2)
4	INSTALL 24" RCP (USDCCA STD. DWG. NO. 503.2)
5	INSTALL 30" RCP (USDCCA STD. DWG. NO. 503.2)
6	INSTALL 36" RCP (USDCCA STD. DWG. NO. 503.2)
7	INSTALL 42" RCP (USDCCA STD. DWG. NO. 503.2)
8	INSTALL 54" RCP (USDCCA STD. DWG. NO. 503.2)
9	INSTALL 60" RCP (USDCCA STD. DWG. NO. 503.2)
10	INSTALL 72" RCP (USDCCA STD. DWG. NO. 503.2)
11	INSTALL 30" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
12	INSTALL 36" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
13	INSTALL 42" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
14	INSTALL 72" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
15	CONSTRUCT TYPE "CM2" DROP INLET. SIZE PER PLAN (USDCCA STD. DWG. NO. 412.1 & 421)
16	STRUCTURAL MANHOLE
17	CONSTRUCT CONCRETE COLLAR (SEE DETAIL 3/DTL-01)
18	CONSTRUCT INTERIM BRICK AND MORTAR PLUG SEE DETAIL 2/DTL-01
19	INSTALL 24" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
20	INSTALL 54" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
21	INSTALL 66" RCP END SECTION (NDOT STD. PLAN R-2.3.1) W/1" SACRIFICIAL CONCRETE PER STRUCTURAL DWGS

NOTES

1. ALL RCP SHALL BE CLASS II UNLESS OTHERWISE SHOWN.
2. PIPE LENGTHS ARE MEASURED ALONG PIPE CENTERLINE TO CENTER OF MANHOLE OR INSIDE EDGE OF DI OR RCB/RCA.
3. ALL MANHOLE INLETS SHALL INCLUDE STORM WATER MANAGEMENT STAMP AND DETAIL PER USDOCA STD. DWG. NO. 421.
4. SEE STRUCTURAL PLANS FOR ADDITIONAL STRUCTURAL DETAILS AND CONNECTIONS.
5. ALL PIPES ARE PUBLICLY MAINTAINED.
6. ADD SPECIAL INSPECTION REQUIRED FOR PIPE SEGMENTS WITH SACRIFICIAL CONCRETE.
7. DIMENSIONS ARE TO BE BACK OF CURB, FACE OF CURB, OR FACE OF MEDIAN UNLESS OTHERWISE NOTED.
8. SEE T4-SHEETS FOR TYPICAL SECTIONS.
9. SEE U7-SHEETS FOR WATER AND SEWER PLAN AND PROFILES.

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

STORM DRAIN LATERAL # (SEE LAT SHEETS)

I CERTIFY THAT THIS GRADING PLAN IS IN
CONFORMANCE WITH THE APPROVED TECHNICAL
DRAINAGE STUDY DS-4931 ON FILE AT THE C
OF LAS VEGAS FOR THE SUBJECT PROJECT

 9/10/18

DERICK YORO, P.E. 16396 DATE

FLOOD ZONE

THE PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE 'X' (OUTSIDE THE 500-YEAR FLOOD PLAIN) ON THE FLOOD INSURANCE RATE MAP (FIRM) PANEL: 32003C1750E, DATED SEPTEMBER 27, 2002

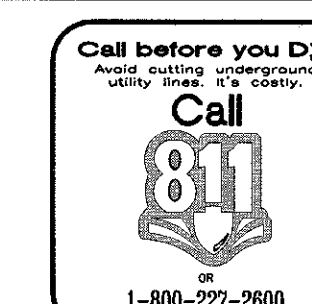
NOTE:

PROPERTY OWNER IS RESPONSIBLE TO MAINTAIN THE BEST MANAGEMENT PRACTICES, SUCH AS BUT NOT LIMITED TO, THE REMOVAL OF ACCUMULATED SEDIMENT AND DEBRIS AND CARE OF VEGETATION.

APPROVED FOR CONSTRUCTION

LVVWD ENGINEERING SERVICES MANAGER
PROJECT NO. 126408

DATE _____



NINETY-FIVE MANAGEMENT LLC

**SKYE CANYON PHASE 3BC
IRON MOUNTAIN ROAD**

IRON MOUNTAIN ROAD
CONSTRUCTION PLAN - "IM" 117+00 TO "IM" 111+00

DATE: 9/8/18

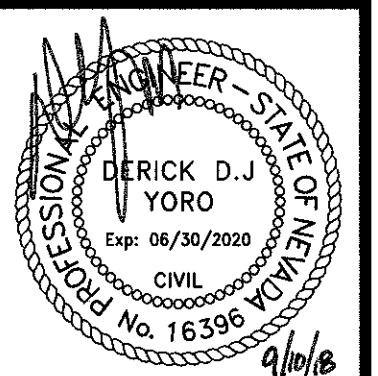
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DESIGNER: HF

CHECKED: DY

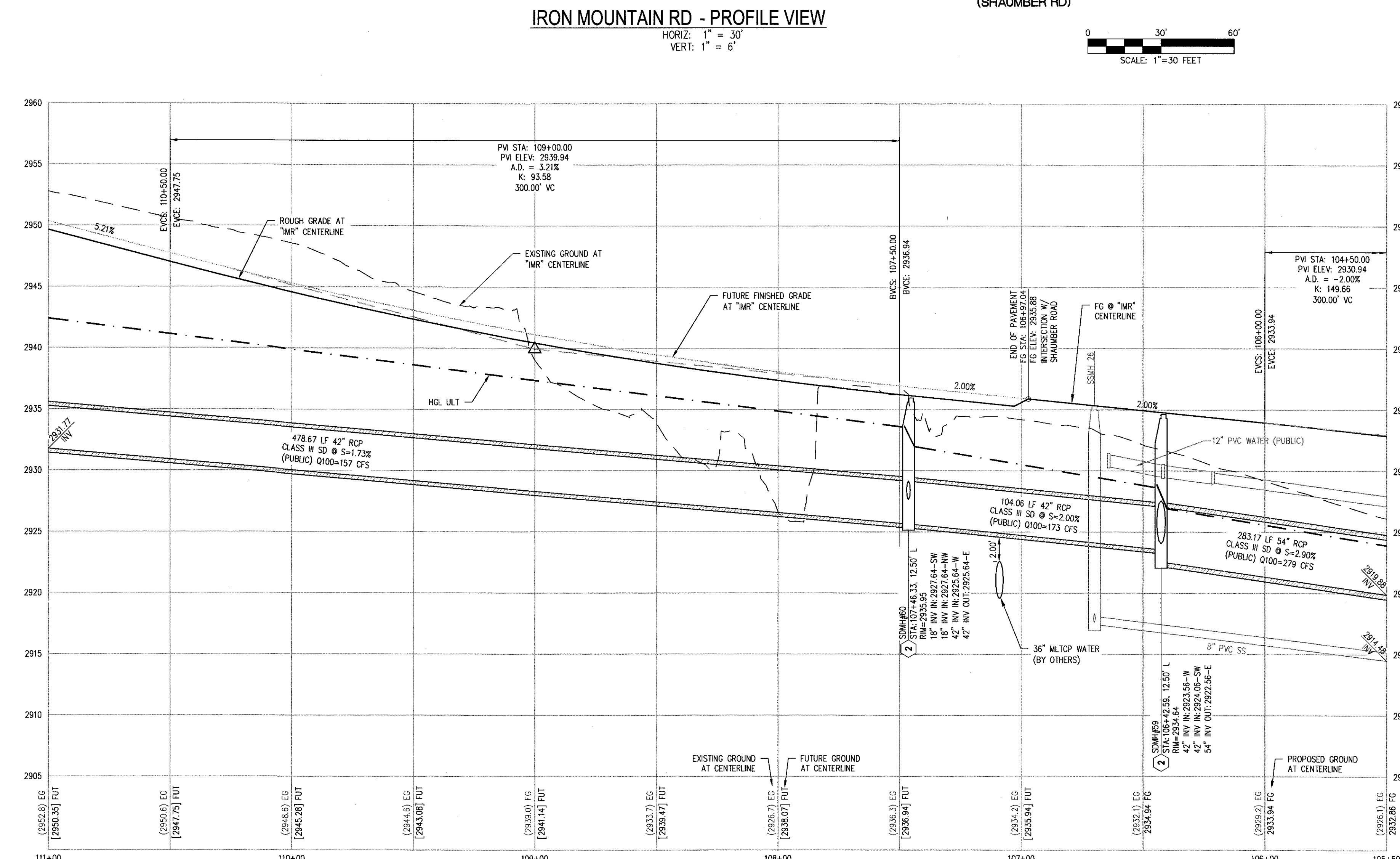
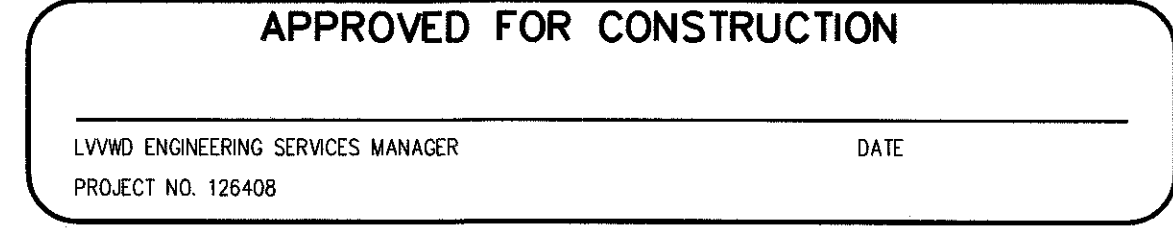
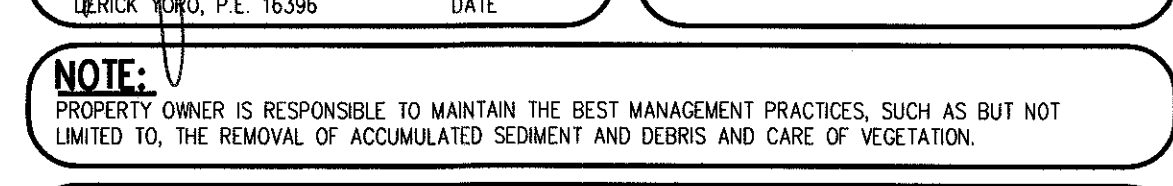
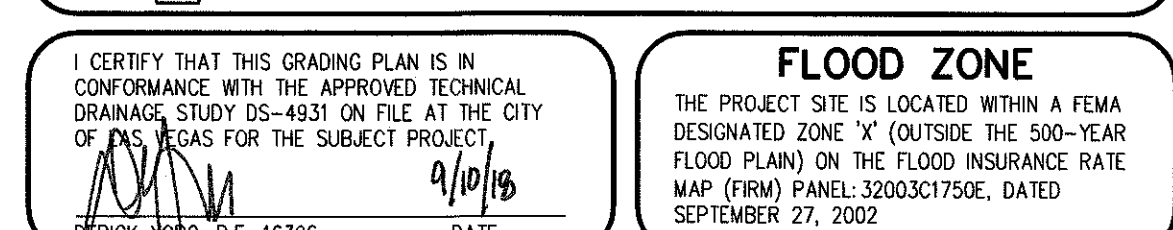
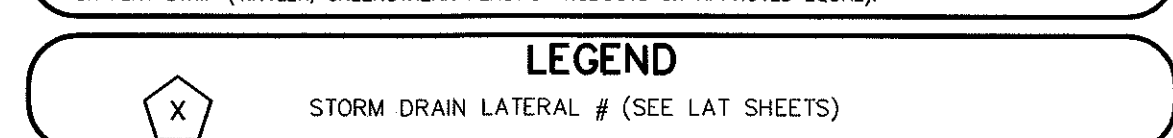
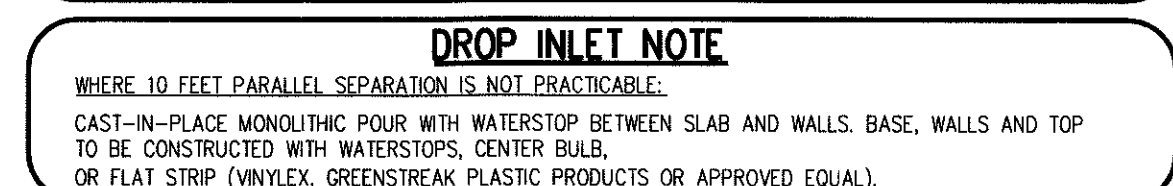
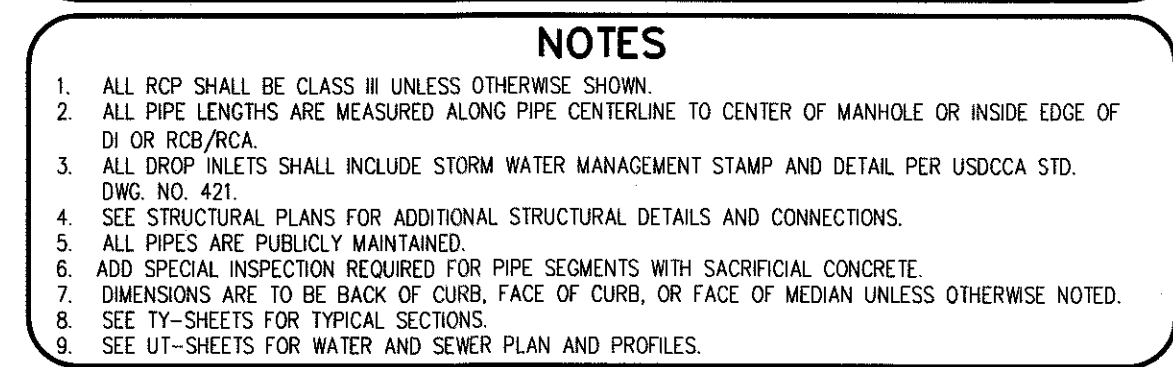
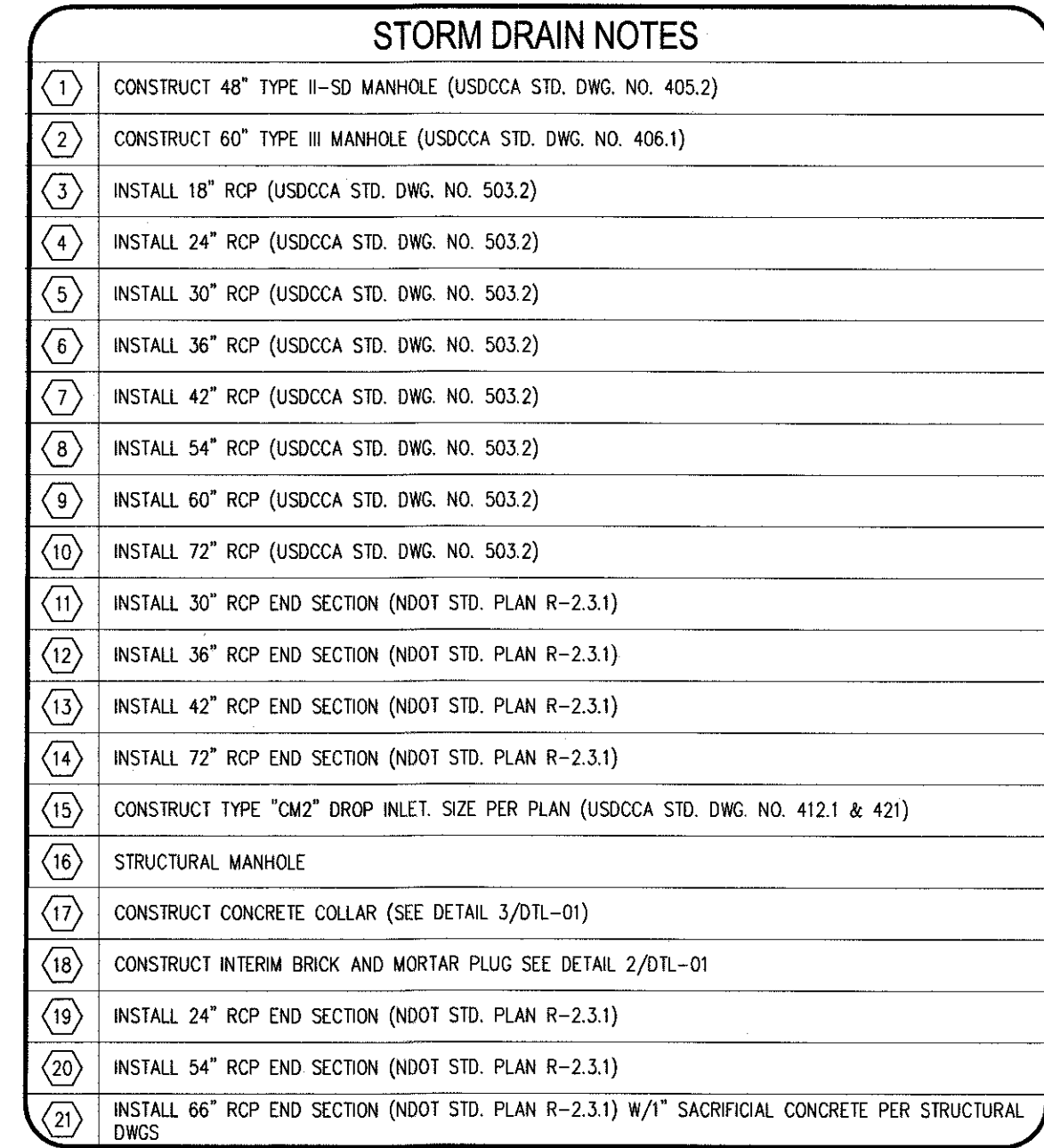
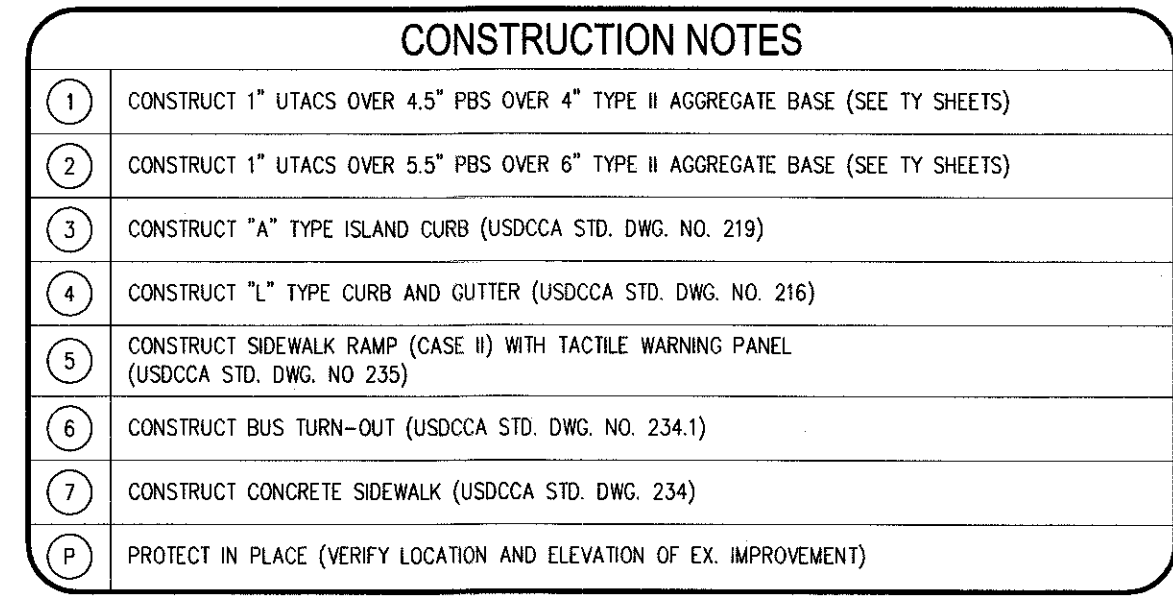
PROJECT NO.

OLY1609-000



PP-02

SHEET 6 OF 27



S-I-G
SLATER
HANIFAN
GROUP
a Westwood team

5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300
FAX (702) 284-5399

[illegible]

NINETY-FIVE MANAGEMENT LLC	SKYE CANYON PHASE 3BC IRON MOUNTAIN ROAD SECTION PLAN - "IM" 111+00 TO "IM" 105+50
----------------------------	--



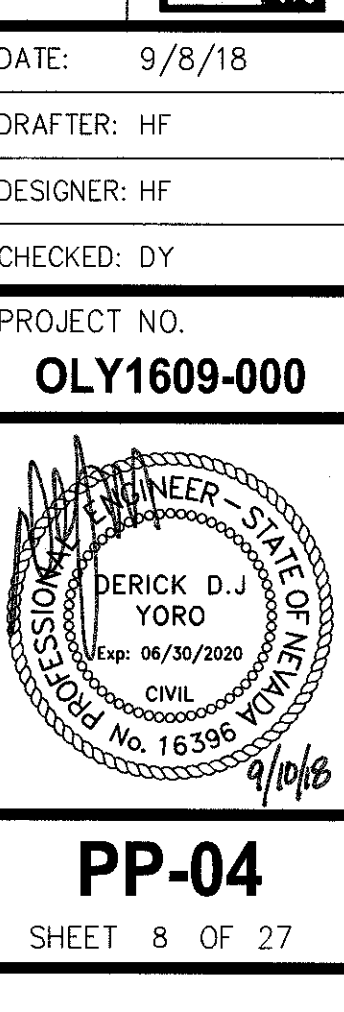
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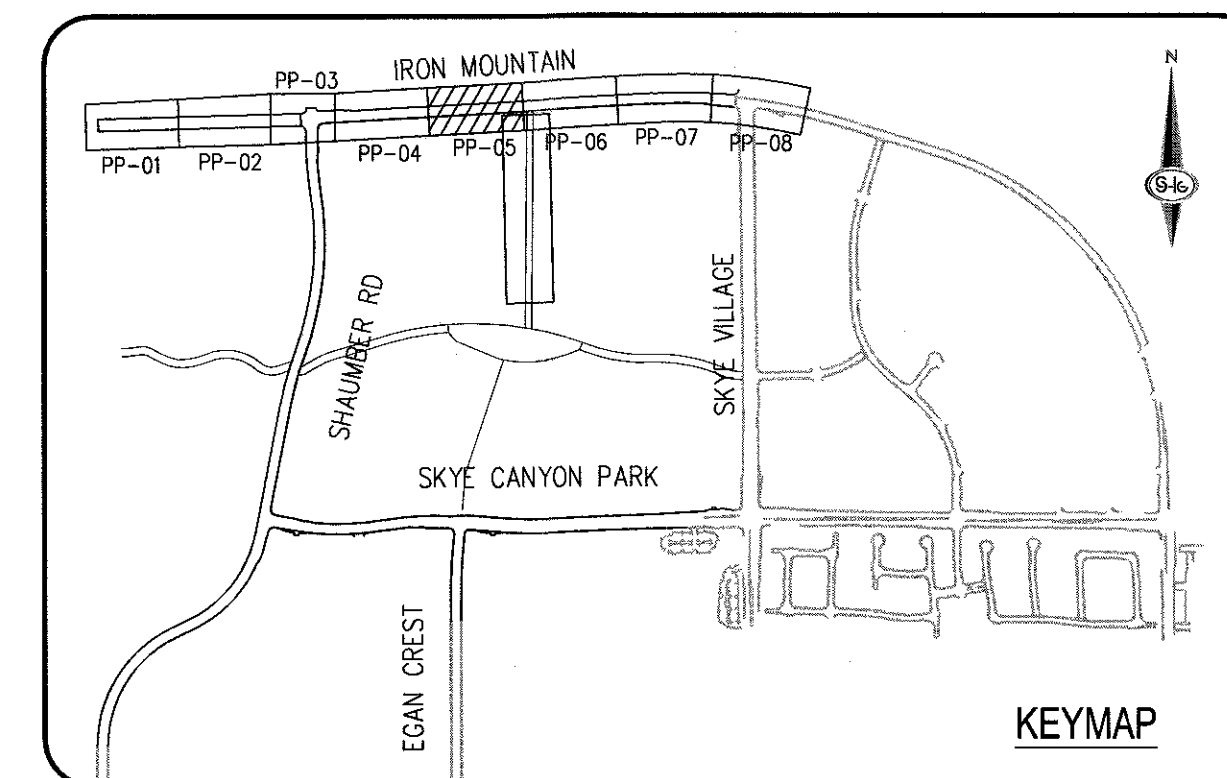
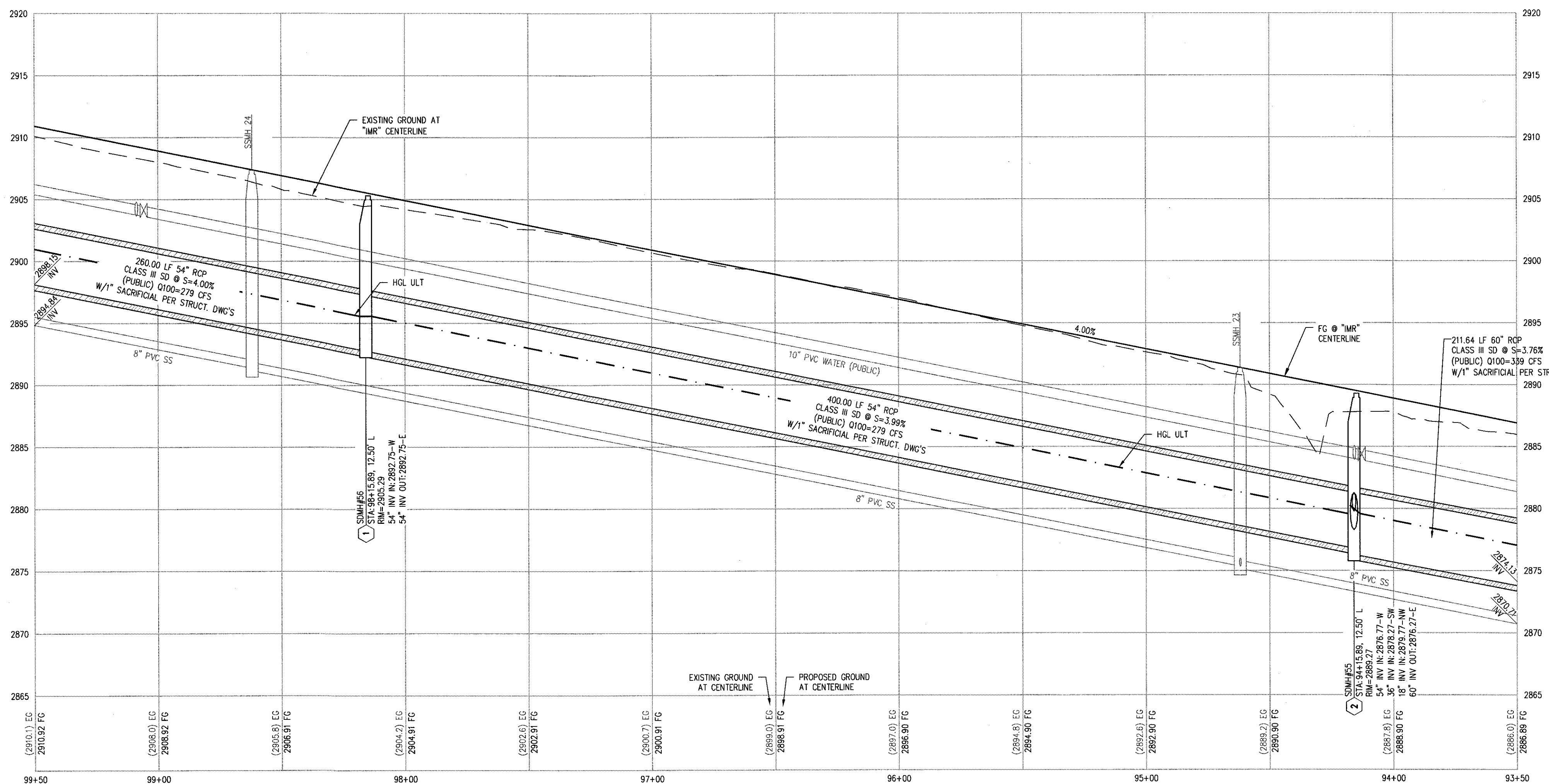
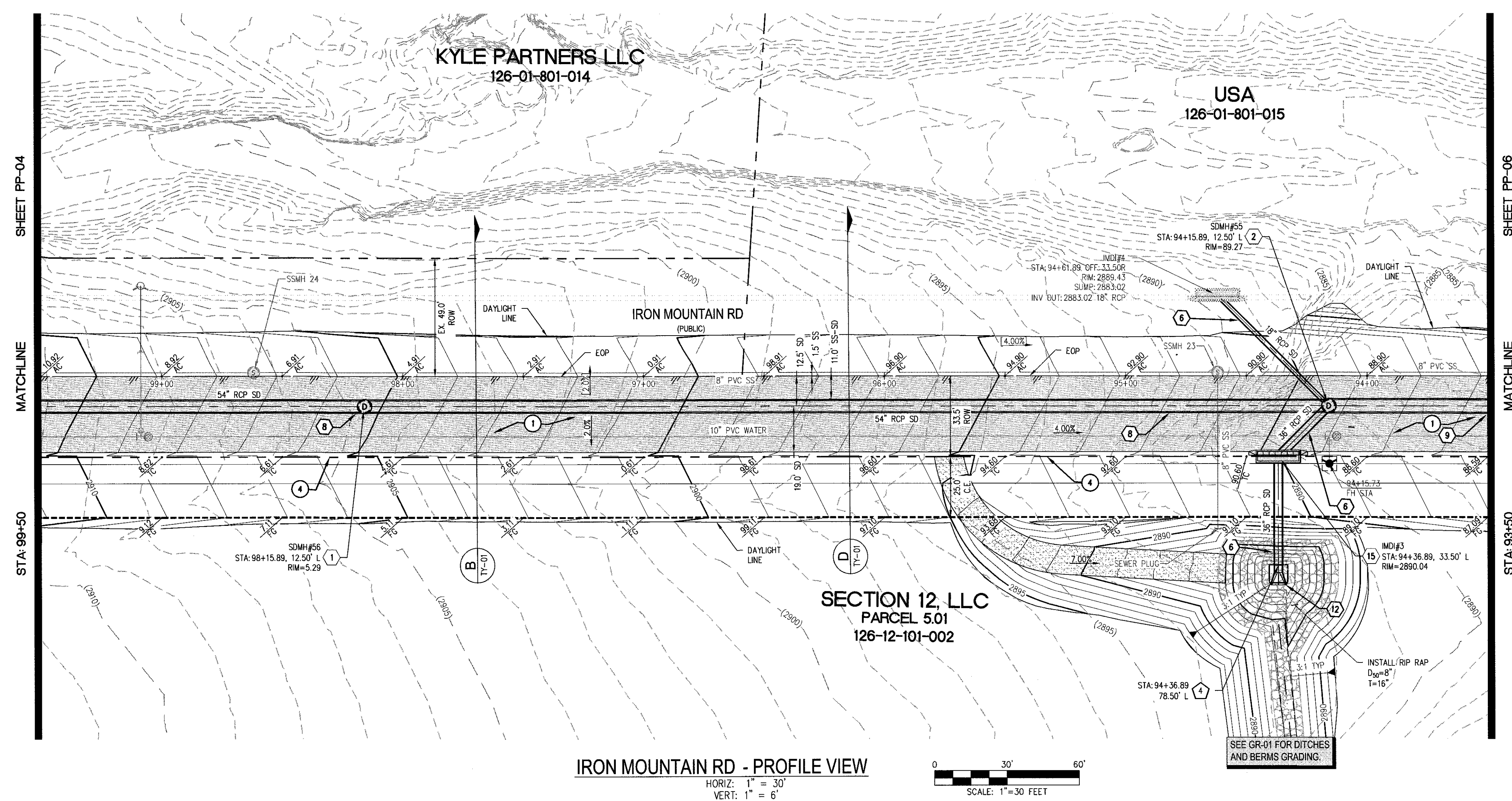
DATE:	9/8/18
DRAFTER:	HF
DESIGNER:	HF
CHECKED:	DY
PROJECT NO.	OLY1609-000

PROFESSIONAL ENGINEER - STATE OF NEVADA
 DERICK D.J. YORO
 Exp: 06/30/2020
 CIVIL
 No. 16396
 9/10/18

PP-03

SHEET 7 OF 27





CONSTRUCTION NOTES	
1	CONSTRUCT 1" UTACS OVER 4.5" PBS OVER 4" TYPE II AGGREGATE BASE (SEE TY SHEETS)
2	CONSTRUCT 1" UTACS OVER 5.5" PBS OVER 6" TYPE II AGGREGATE BASE (SEE TY SHEETS)
3	CONSTRUCT "A" TYPE ISLAND CURB (USDCCA STD. DWG. NO. 219)
4	CONSTRUCT "L" TYPE CURB AND GUTTER (USDCCA STD. DWG. NO. 216)
5	CONSTRUCT SIDEWALK RAMP (CASE II) WITH TACTILE WARNING PANEL (USDCCA STD. DWG. NO. 235)
6	CONSTRUCT BUS TURN-OUT (USDCCA STD. DWG. NO. 234.1)
7	CONSTRUCT CONCRETE SIDEWALK (USDCCA STD. DWG. 234)
P	PROTECT IN PLACE (VERIFY LOCATION AND ELEVATION OF EX. IMPROVEMENT)

STORM DRAIN NOTES	
1	CONSTRUCT 48" TYPE II-SD MANHOLE (USDCCA STD. DWG. NO. 405.2)
2	CONSTRUCT 60" TYPE III MANHOLE (USDCCA STD. DWG. NO. 406.1)
3	INSTALL 18" RCP (USDCCA STD. DWG. NO. 503.2)
4	INSTALL 24" RCP (USDCCA STD. DWG. NO. 503.2)
5	INSTALL 30" RCP (USDCCA STD. DWG. NO. 503.2)
6	INSTALL 36" RCP (USDCCA STD. DWG. NO. 503.2)
7	INSTALL 42" RCP (USDCCA STD. DWG. NO. 503.2)
8	INSTALL 54" RCP (USDCCA STD. DWG. NO. 503.2)
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10	INSTALL 72" RCP (USDCCA STD. DWG. NO. 503.2)
11	INSTALL 30" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
12	INSTALL 36" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
13	INSTALL 42" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
14	INSTALL 72" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
15	CONSTRUCT TYPE "CM2" DROP INLET. SIZE PER PLAN (USDCCA STD. DWG. NO. 412.1 & 421)
16	STRUCTURAL MANHOLE
17	CONSTRUCT CONCRETE COLLAR (SEE DETAIL 3/DTL-01)
18	CONSTRUCT INTERIM BRICK AND MORTAR PLUG SEE DETAIL 2/DTL-01
19	INSTALL 24" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
20	INSTALL 54" RCP END SECTION (NDOT STD. PLAN R-2.3.1)
21	INSTALL 66" RCP END SECTION (NDOT STD. PLAN R-2.3.1) W/1" SACRIFICIAL CONCRETE PER STRUCTURE DWGS

- ### NOTES

 1. ALL RCP SHALL BE CLASS II UNLESS OTHERWISE SHOWN.
 2. ALL PIPE LENGTHS ARE MEASURED ALONG PIPE CENTERLINE TO CENTER OF MANHOLE OR INSIDE EDGE OF DI OR RO/SCA.
 3. ALL DROP INLETS SHALL INCLUDE STORM WATER MANAGEMENT STAMP AND DETAIL PER USDOCA STD. DWG. NO. 421.
 4. SEE STRUCTURAL PLANS FOR ADDITIONAL STRUCTURAL DETAILS AND CONNECTIONS.
 5. ALL PIPES ARE PUBLICLY MAINTAINED.
 6. ADD SPECIAL INSPECTION REQUIRED FOR PIPE SEGMENTS WITH SACRIFICIAL CONCRETE.
 7. DIMENSIONS ARE TO BE BACK OF CURB, FACE OF CURB, OR FACE OF MEDIAN UNLESS OTHERWISE NOTED.
 8. SEE T-SHEETS FOR TYPICAL SECTION.
 9. SEE UT-SHEETS FOR WATER AND SEWER PLAN AND PROFILES.

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 DULB,
OR FLAT STRIP (VINYLEX, GREENSTREAK PLASTIC PRODUCTS OR APPROVED EQUAL).

LEGEND

 STORM DRAIN LATERAL # (SEE LAT SHEETS)

I CERTIFY THAT THIS GRADING PLAN IS IN
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DRAINAGE STUDY DS-4931 ON FILE AT THE CITY
OF LAS VEGAS FOR THE SUBJECT PROJECT

 9/10/18

DERICK FORD, P.E. 16396 DATE

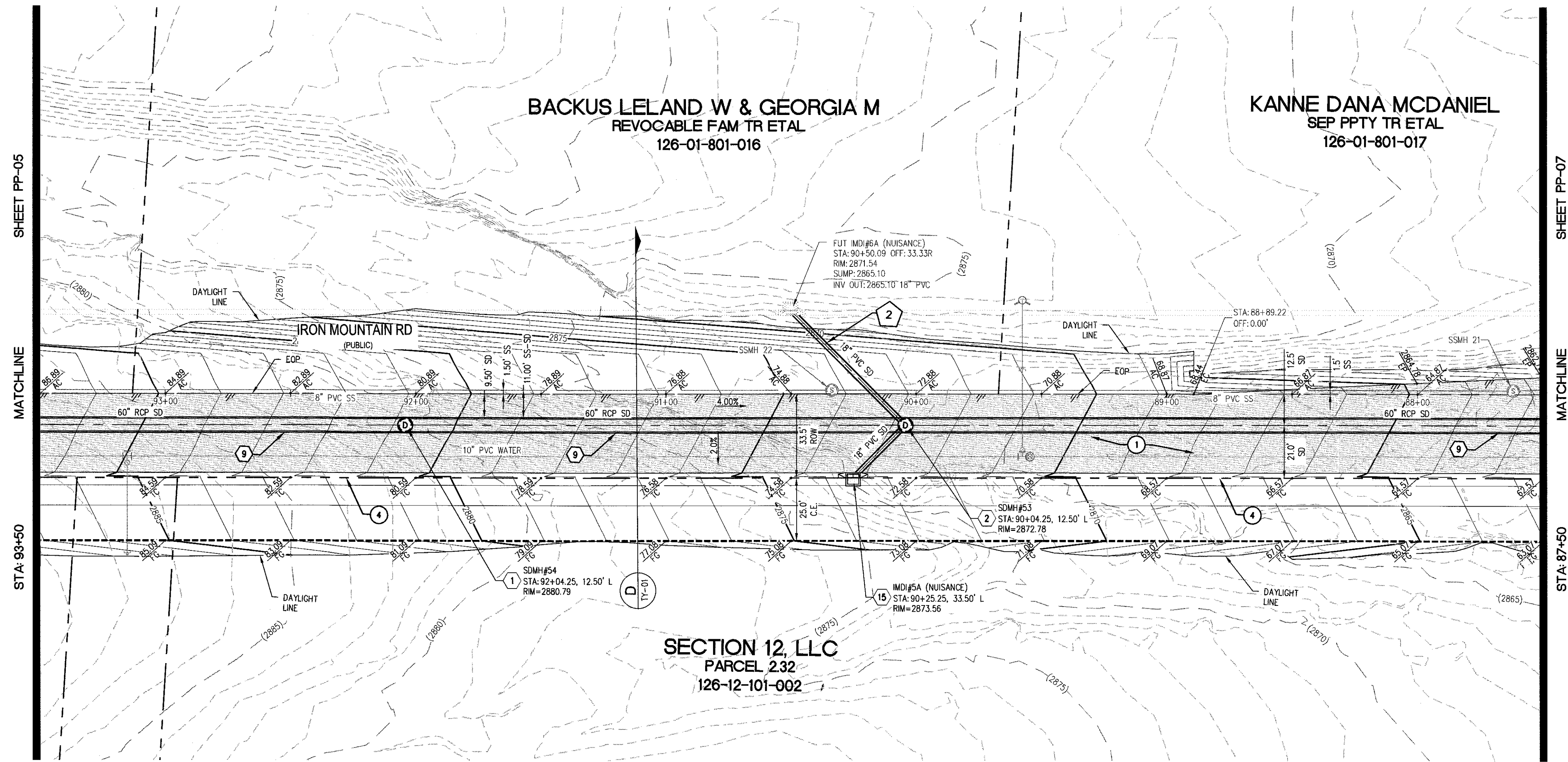
FLOOD ZONE
THE PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE 'X' (OUTSIDE THE 500-YEAR FLOOD PLAIN) ON THE FLOOD INSURANCE RATE MAP (FIRM) PANEL: 32003C1750E, DATED SEPTEMBER 27, 2002

NOTE: PROPERTY OWNER IS RESPONSIBLE TO MAINTAIN THE BEST MANAGEMENT PRACTICES, SUCH AS BUT NOT LIMITED TO, THE REMOVAL OF ACCUMULATED SEDIMENT AND DEBRIS AND CARE OF VEGETATION.

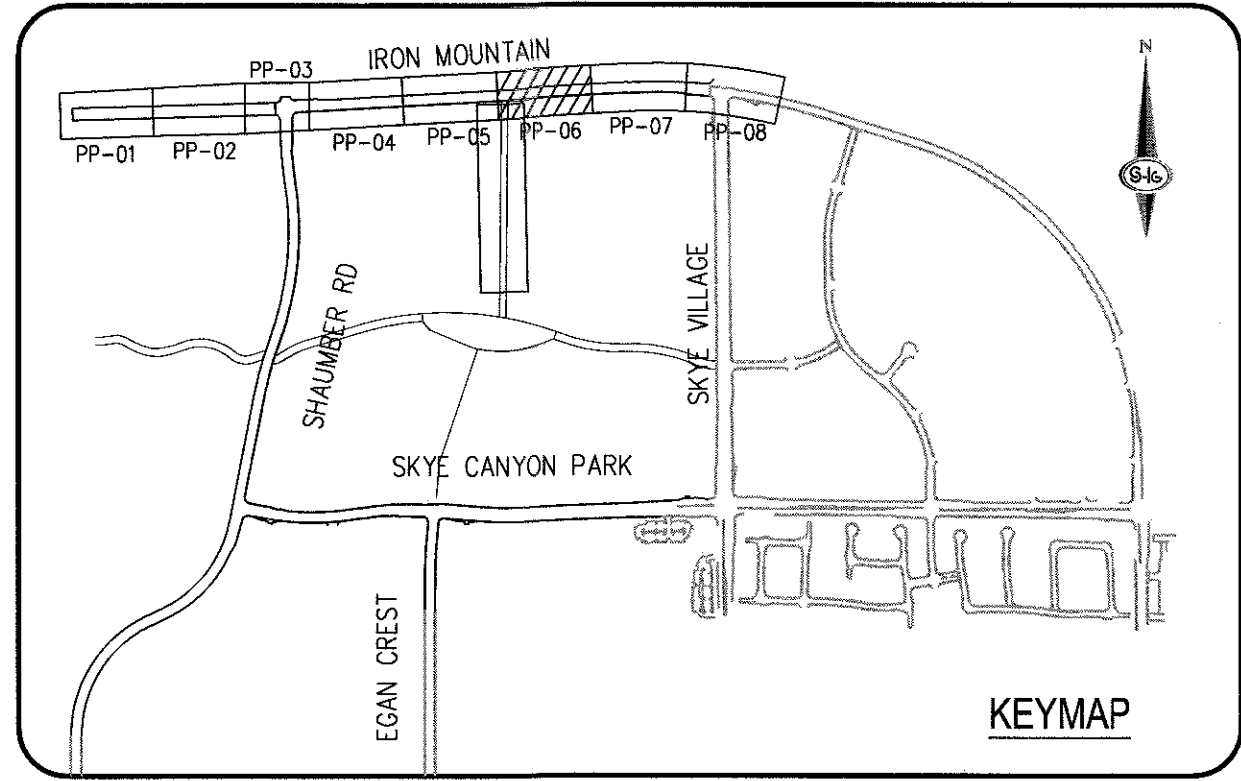
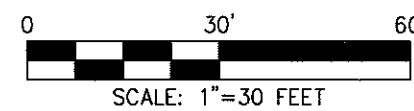
APPROVED FOR CONSTRUCTION	
LVVWD ENGINEERING SERVICES MANAGER PROJECT NO. 126408	DATE _____



LOT 1609-000 SKYE CANYON PHASE 3B 30' WIDE IMPROVEMENTS TO IRON MOUNTAIN RD - IMP-IM-000 5/6/2018 3:53 PM Ben Rios



IRON MOUNTAIN RD - PROFILE VIEW
HORIZ: 1" = 30'
VERT: 1" = 6'



CONSTRUCTION NOTES			
1	CONSTRUCT 1" UTACS OVER 4.5" PBS OVER 4" TYPE II AGGREGATE BASE (SEE TY SHEETS)	DATE	BY
2	CONSTRUCT 1" UTACS OVER 5.5" PBS OVER 6" TYPE II AGGREGATE BASE (SEE TY SHEETS)	DESCRIPTION	
3	CONSTRUCT "A" TYPE ISLAND CURB (USDOCA STD. DWG. NO. 219)	NO.	
4	CONSTRUCT "L" TYPE CURB AND GUTTER (USDOCA STD. DWG. NO. 216)		
5	CONSTRUCT SIDEWALK RAMP (CASE II) WITH TACTILE WARNING PANEL (USDOCA STD. DWG. NO. 235)		
6	CONSTRUCT BUS TURN-OUT (USDOCA STD. DWG. NO. 234.1)		
7	CONSTRUCT CONCRETE SIDEWALK (USDOCA STD. DWG. 234)		
8	PROTECT IN PLACE (VERIFY LOCATION AND ELEVATION OF EX. IMPROVEMENT)		

STORM DRAIN NOTES			
1	CONSTRUCT 48" TYPE II-SD MANHOLE (USDOCA STD. DWG. NO. 405.2)		
2	CONSTRUCT 60" TYPE III MANHOLE (USDOCA STD. DWG. NO. 408.1)		
3	INSTALL 18" RCP (USDOCA STD. DWG. NO. 503.2)		
4	INSTALL 24" RCP (USDOCA STD. DWG. NO. 503.2)		
5	INSTALL 30" RCP (USDOCA STD. DWG. NO. 503.2)		
6	INSTALL 36" RCP (USDOCA STD. DWG. NO. 503.2)		
7	INSTALL 42" RCP (USDOCA STD. DWG. NO. 503.2)		
8	INSTALL 54" RCP (USDOCA STD. DWG. NO. 503.2)		
9	INSTALL 60" RCP (USDOCA STD. DWG. NO. 503.2)		
10	INSTALL 72" RCP (USDOCA STD. DWG. NO. 503.2)		
11	INSTALL 30" RCP END SECTION (NDOT STD. PLAN R-2.3.1)		
12	INSTALL 36" RCP END SECTION (NDOT STD. PLAN R-2.3.1)		
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16	STRUCTURAL MANHOLE		
17	CONSTRUCT CONCRETE COLLAR (SEE DETAIL 3/DTL-01)		
18	CONSTRUCT INTERIM BRICK AND MORTAR PLUG SEE DETAIL 2/DTL-01		
19	INSTALL 24" RCP END SECTION (NDOT STD. PLAN R-2.3.1)		
20	INSTALL 54" RCP END SECTION (NDOT STD. PLAN R-2.3.1)		
21	INSTALL 66" RCP END SECTION (NDOT STD. PLAN R-2.3.1) W/1" SACRIFICIAL CONCRETE PER STRUCTURAL DWGS		

- 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 USDOCA STD. DWG. NO. 421.
 - SEE STRUCTURAL PLANS FOR ADDITIONAL STRUCTURAL DETAILS AND CONNECTIONS.
 - ALL PIPES ARE PUBLICLY MAINTAINED.
 - ADD SPECIAL INSPECTION REQUIRED FOR PIPE SEGMENTS WITH SACRIFICIAL CONCRETE.
 - DIMENSIONS ARE TO BE BACK OF CURB, FACE OF CURB, OR FACE OF MEDIAN UNLESS OTHERWISE NOTED.
 - SEE TY-SHEETS FOR TYPICAL SECTIONS.
 - SEE UT-SHEETS FOR WATER AND SEWER PLAN AND PROFILES.

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 GULL, OR FLAT STRIP (VINYLEX, GREENSTREAK PLASTIC PRODUCTS OR APPROVED EQUAL).

LEGEND
X STORM DRAIN LATERAL # (SEE LAT SHEETS)

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED TECHNICAL DRAINAGE STUDY DS-4831 ON FILE AT THE CITY OF LAS VEGAS FOR THE SUBJECT PROJECT
DERICK YORO, P.E. 16396
DATE: 9/10/18

FLOOD ZONE
THE PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE "X" (OUTSIDE THE 500-YEAR FLOOD PLAIN) ON THE FLOOD INSURANCE RATE MAP (FIRM) PANEL 32003C1750E, DATED SEPTEMBER 27, 2002

NOTE:
PROPERTY OWNER IS RESPONSIBLE TO MAINTAIN THE BEST MANAGEMENT PRACTICES, SUCH AS BUT NOT LIMITED TO, THE REMOVAL OF ACCUMULATED SEDIMENT AND DEBRIS AND CARE OF VEGETATION.

APPROVED FOR CONSTRUCTION
LVMD ENGINEERING SERVICES MANAGER
PROJECT NO. 126-08
DATE: _____

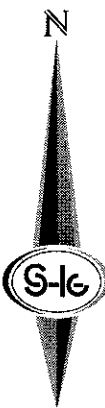


SLATER HANIFAN GROUP
a Westwood team
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NINETY-FIVE MANAGEMENT LLC
SKYE CANYON PHASE 3B
IRON MOUNTAIN ROAD
CONSTRUCTION PLAN - "IM" 93+50 TO "IM" 87+50

DATE: 9/8/18
DRAFTER: HF
DESIGNER: HF
CHECKED: DY
PROJECT NO.
OLY1609-000

PP-06
SHEET 10 OF 27



CONSTRUCTION NOTES

STORM DRAIN NOTES

NOTES

DROP INLET NOTE



NOTE

FLOOD ZONE

NOTE

G SERVICES MANAGER

FAST
Call before you UnderGround.
1-702-432-5300

Call before you dig.
Avoid cutting underground utility lines. It's costly.

Call
811

[illegible]

**SKYE CANYON PHASE 3BC
IRON MOUNTAIN ROAD**

0.10 1.00

DRAFTER: HF

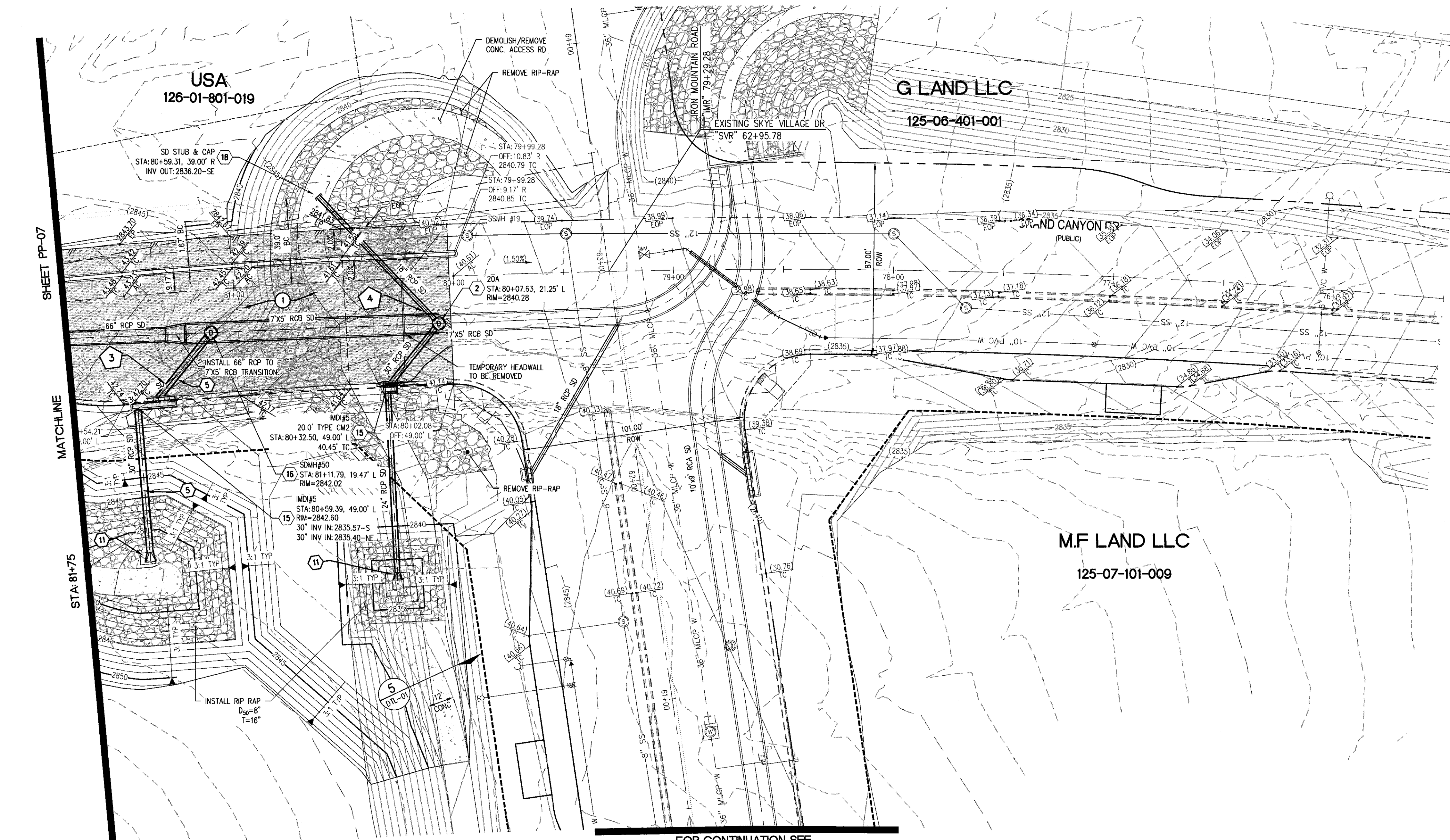
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OLY 1609-00



PP-07

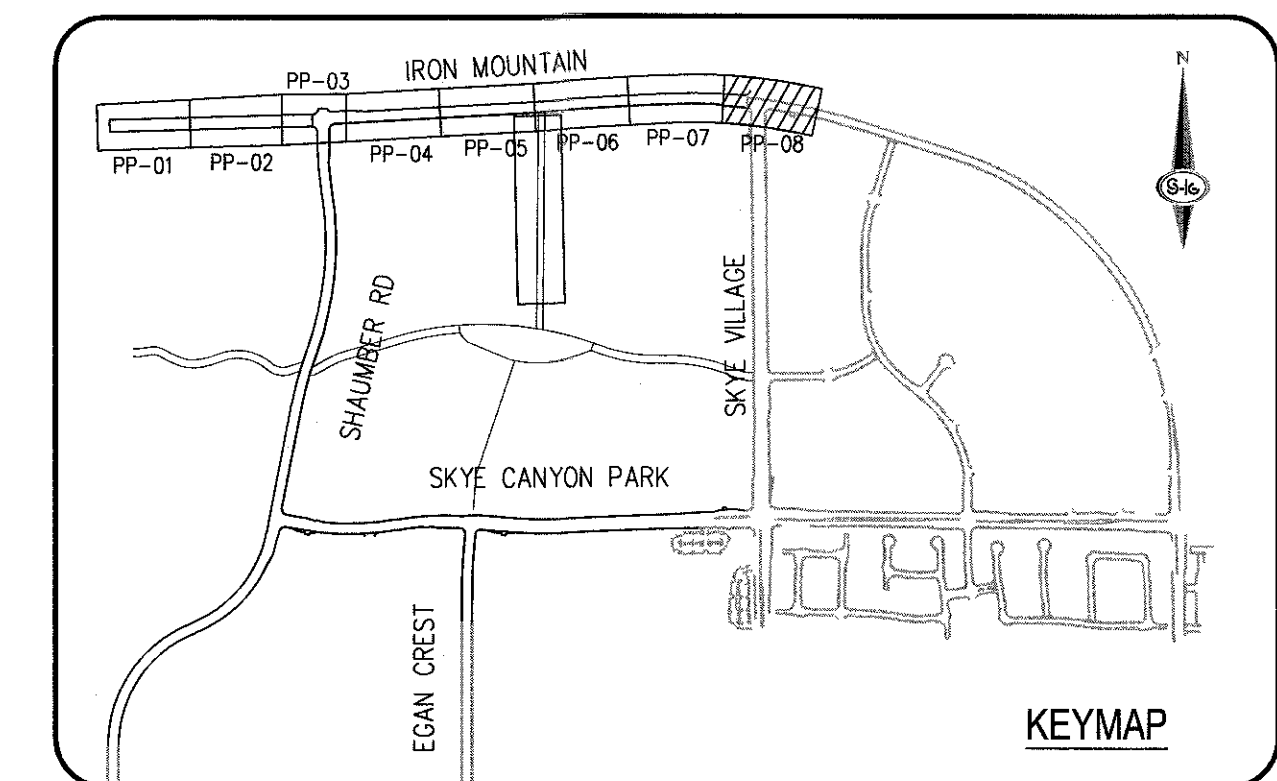
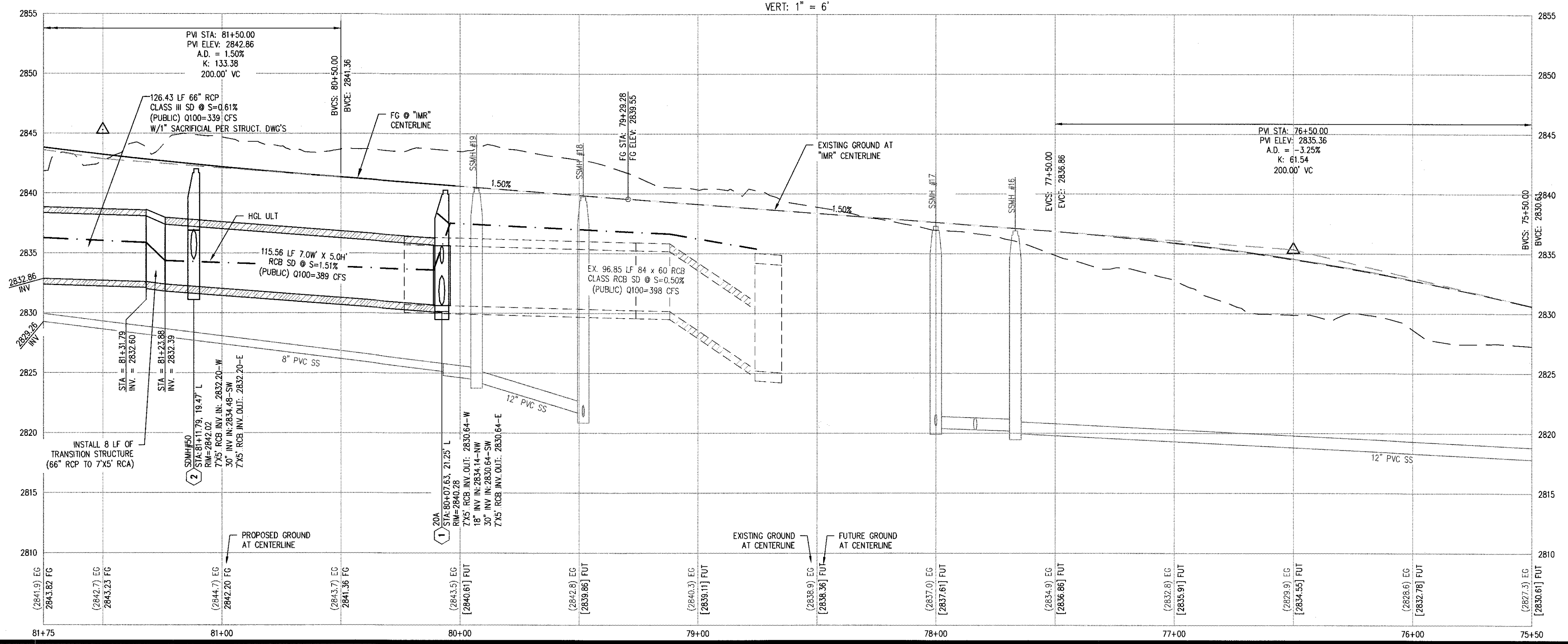
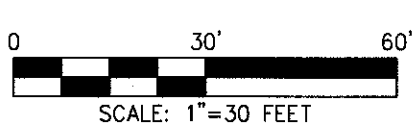
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FOR SKYE CANYON VILLAGE
IMPROVEMENTS REFER TO SKYE CANYON
PER (CLV)

IRON MOUNTAIN RD - PROFILE VIEW

HORIZ: 1" = 30'
VERT: 1" = 6'



CONSTRUCTION NOTES			
1	CONSTRUCT 1" UTACS OVER 4.5" PBS OVER 4" TYPE II AGGREGATE BASE (SEE TY SHEETS)	DATE	BY
2	CONSTRUCT 1" UTACS OVER 5.5" PBS OVER 6" TYPE II AGGREGATE BASE (SEE TY SHEETS)	DESCRIPTION	
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5	CONSTRUCT SIDEWALK RAMP (CASE II) WITH TACTILE WARNING PANEL (USDCCA STD. DWG. NO. 235)		
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7	CONSTRUCT CONCRETE SIDEWALK (USDCCA STD. DWG. 234)		
8	PROTECT IN PLACE (VERIFY LOCATION AND ELEVATION OF EX. IMPROVEMENT)		

STORM DRAIN NOTES			
1	CONSTRUCT 48" TYPE II-SO MANHOLE (USDCCA STD. DWG. NO. 405.2)		
2	CONSTRUCT 60" TYPE III MANHOLE (USDCCA STD. DWG. NO. 406.1)		
3	INSTALL 18" RCP (USDCCA STD. DWG. NO. 503.2)		
4	INSTALL 24" RCP (USDCCA STD. DWG. NO. 503.2)		
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15	CONSTRUCT TYPE "CM2" DROP INLET. SIZE PER PLAN (USDCCA STD. DWG. NO. 412.1 & 421)		
16	STRUCTURAL MANHOLE		
17	CONSTRUCT CONCRETE COLLAR (SEE DETAIL 3/DTL-01)		
18	CONSTRUCT INTERM BRICK AND MORTAR PLUG SEE DETAIL 2/DTL-01		
19	INSTALL 24" RCP END SECTION (NDOT STD. PLAN R-2.3.1)		
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21	INSTALL 66" RCP END SECTION (NDOT STD. PLAN R-2.3.1) W/1" SACRIFICIAL CONCRETE PER STRUCTURAL DWGS		

- ### 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.
 - ADD SPECIAL INSPECTION REQUIRED FOR PIPE SEGMENTS WITH SACRIFICIAL CONCRETE.
 - DIMENSIONS ARE TO BE BACK OF CURB, FACE OF CURB, OR FACE OF MEDIAN UNLESS OTHERWISE NOTED.
 - SEE TY-SHEETS FOR TYPICAL SECTIONS.
 - SEE UT-SHEETS FOR WATER AND SEWER PLAN AND PROFILES.

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 BUILD OR FLAT STRIP (VINYLEX, GREENSTREAK PLASTIC PRODUCTS OR APPROVED EQUAL).

LEGEND

X STORM DRAIN LATERAL # (SEE LAT SHEETS)

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED TECHNICAL DRAINAGE STUDY (DS-433) ON FILE AT THE CITY OF LAYTON FOR THE SUBJECT PROJECT.
DERICK YORR, P.E. 16396 DATE: 9/10/18

FLOOD ZONE

THE PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE "X" (OUTSIDE THE 500-YEAR FLOOD PLAIN) ON THE FLOOD INSURANCE RATE MAP (FIRM) PANEL 32003C1750E, DATED SEPTEMBER 27, 2002.

NOTE:

PROPERTY OWNER IS RESPONSIBLE TO MAINTAIN THE BEST MANAGEMENT PRACTICES, SUCH AS BUT NOT LIMITED TO, THE REMOVAL OF ACCUMULATED SEDIMENT AND DEBRIS AND CARE OF VEGETATION.

APPROVED FOR CONSTRUCTION

LVWD ENGINEERING SERVICES MANAGER DATE
PROJECT NO. 126408

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON PHASE 3B
IRON MOUNTAIN ROAD

CONSTRUCTION PLAN - "IM" 81+75 TO "IM" 75+50

DATE: 9/8/18

DRAFTER: HF

DESIGNER: HF

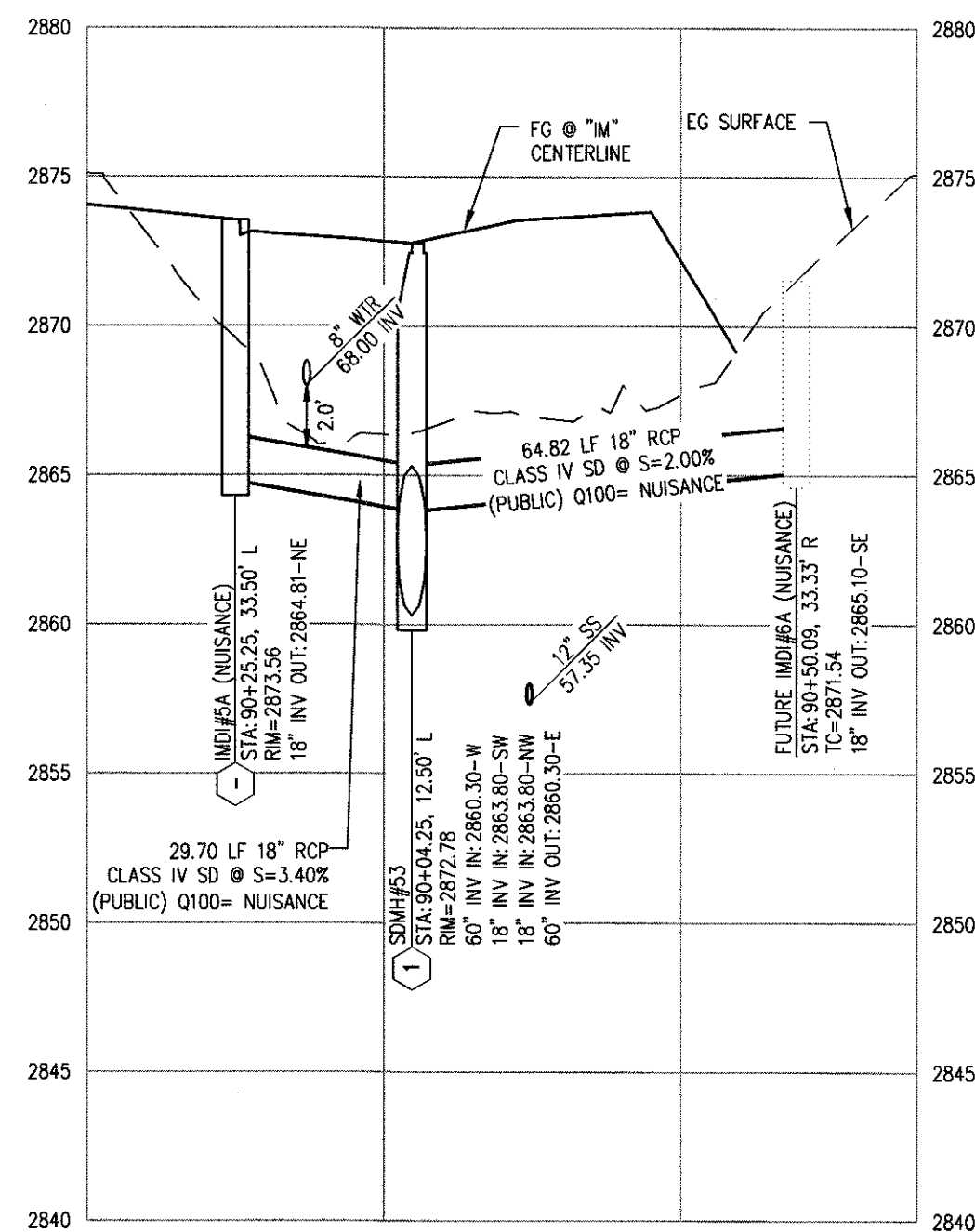
CHECKED: DY

PROJECT NO.
OLY1609-000

PP-08

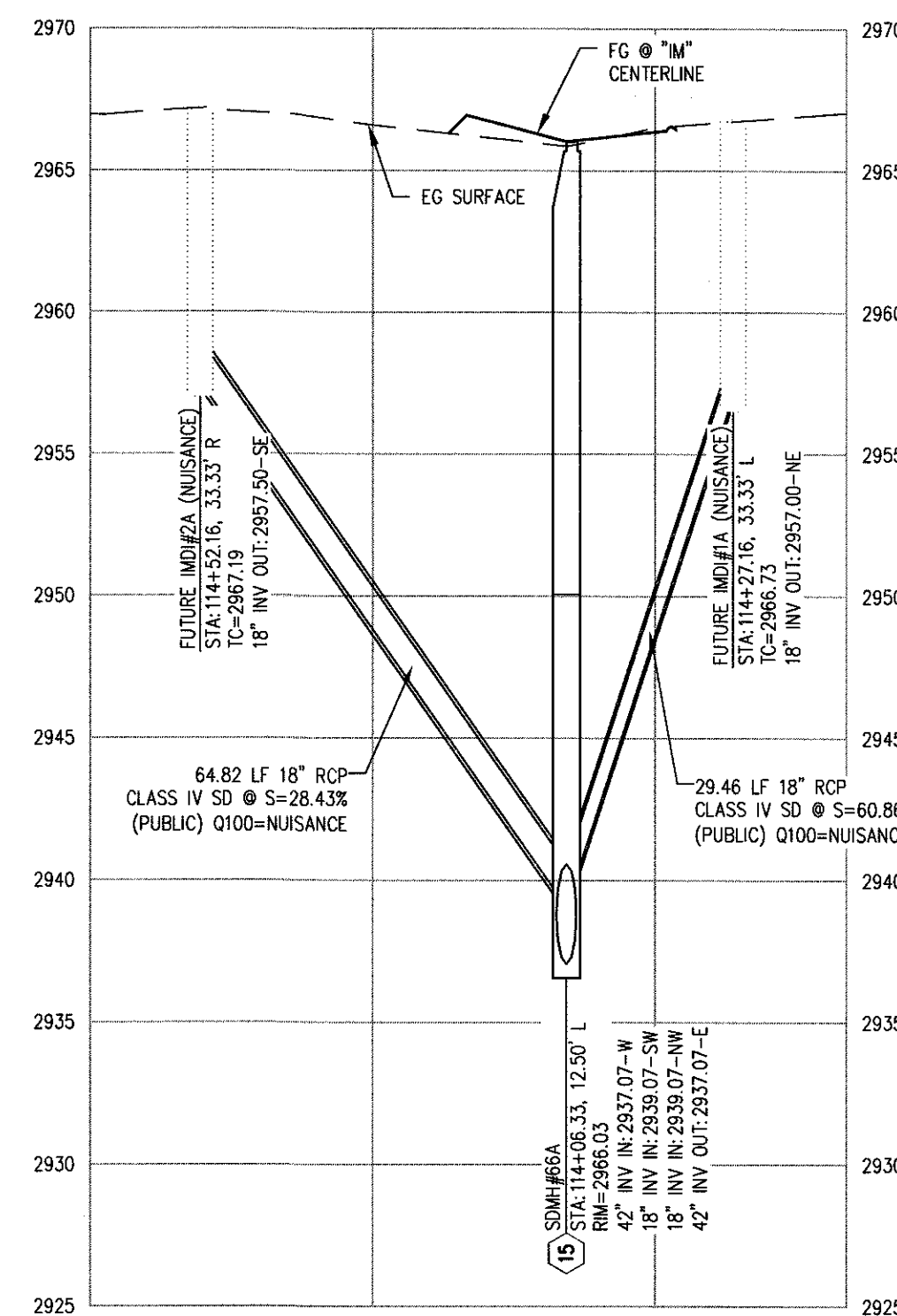
SHEET 12 OF 27

X:\1609-000 SKYE CANYON PHASE 3B - CIVIL\IMPROV-3B-CIVIL\1609-000-LAT-IMDWS 9/8/2018 4:18 PM Bert Rivas



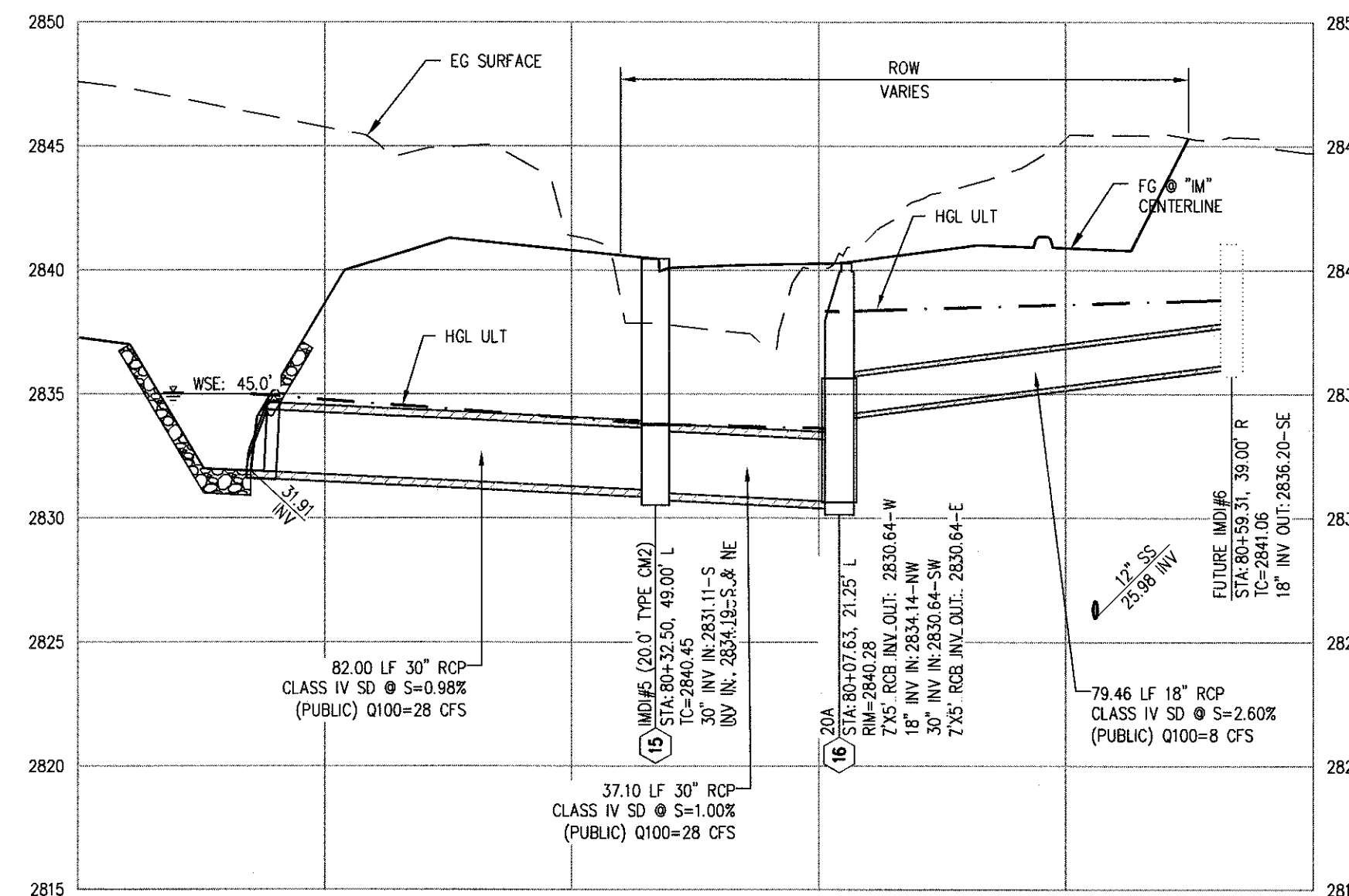
IRON MOUNTAIN RD
STORM DRAIN @ 90+04.25

SCALE: HORIZ. 1"=30' VERT. 1"=6'
SEE SHEET: PP-06



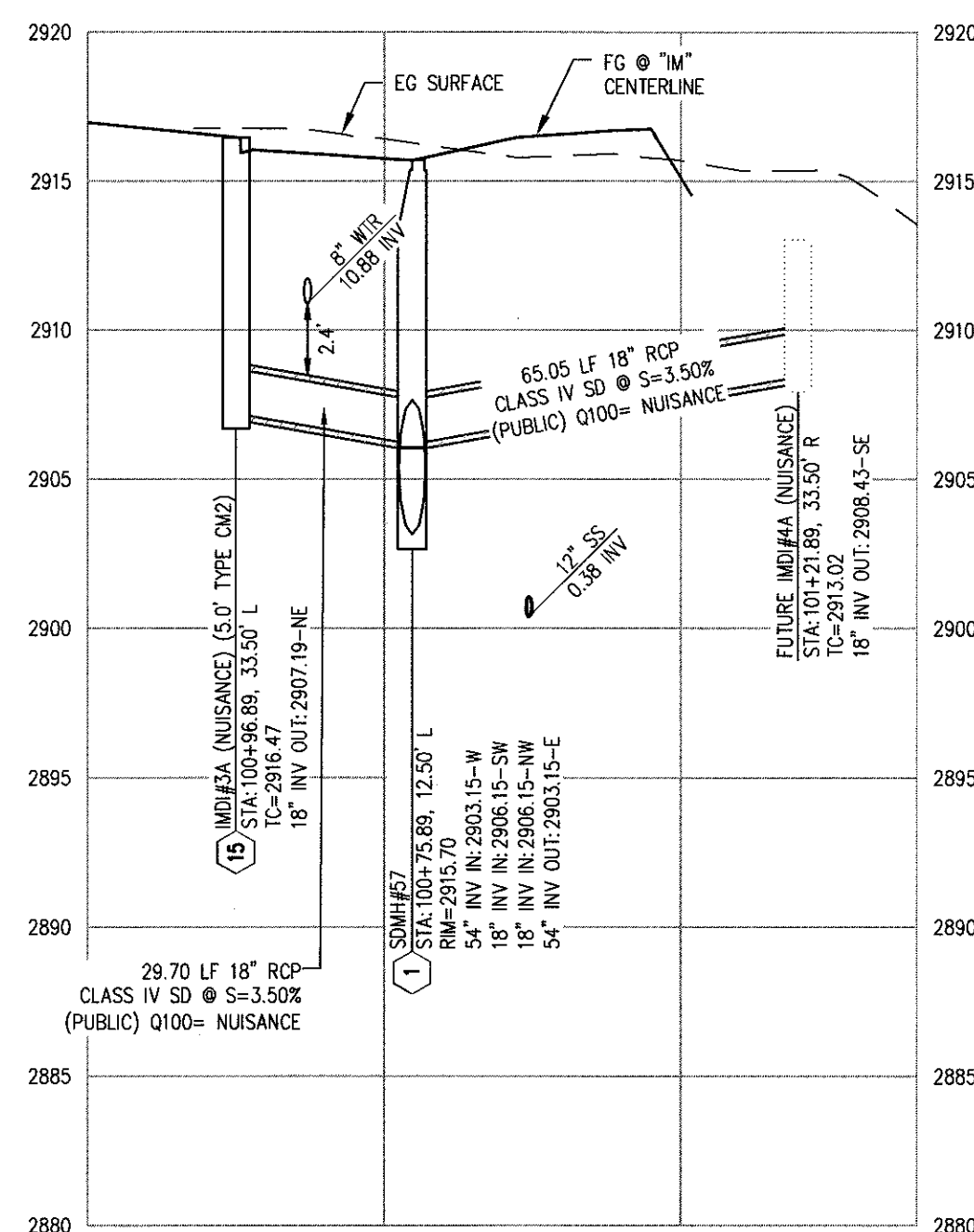
IRON MOUNTAIN RD
STORM DRAIN @ 114+06.33

SCALE: HORIZ. 1"=30' VERT. 1"=6'
SEE SHEET: PP-02



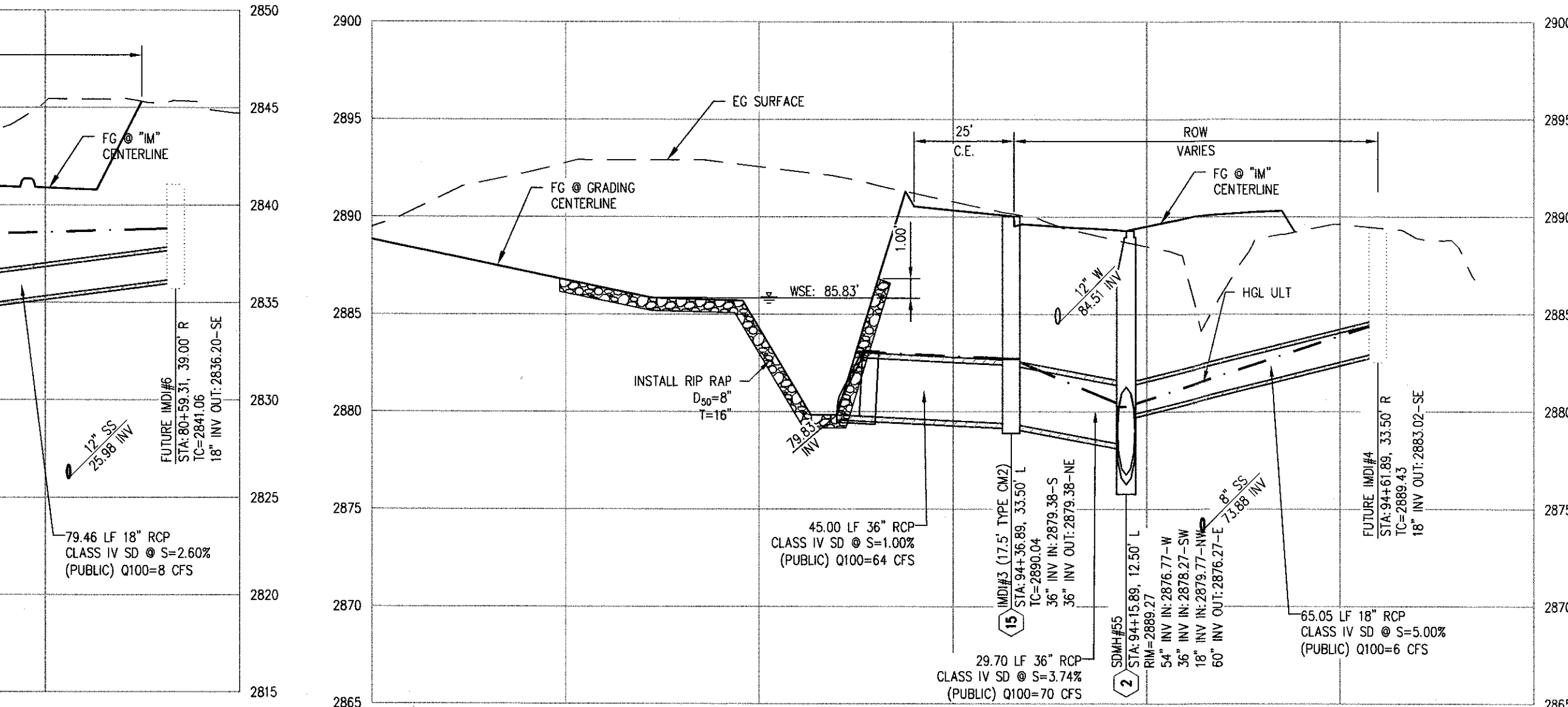
IRON MOUNTAIN RD
STORM DRAIN @ 80+07.63

SCALE: HORIZ. 1"=30' VERT. 1"=6'
SEE SHEET: PP-08



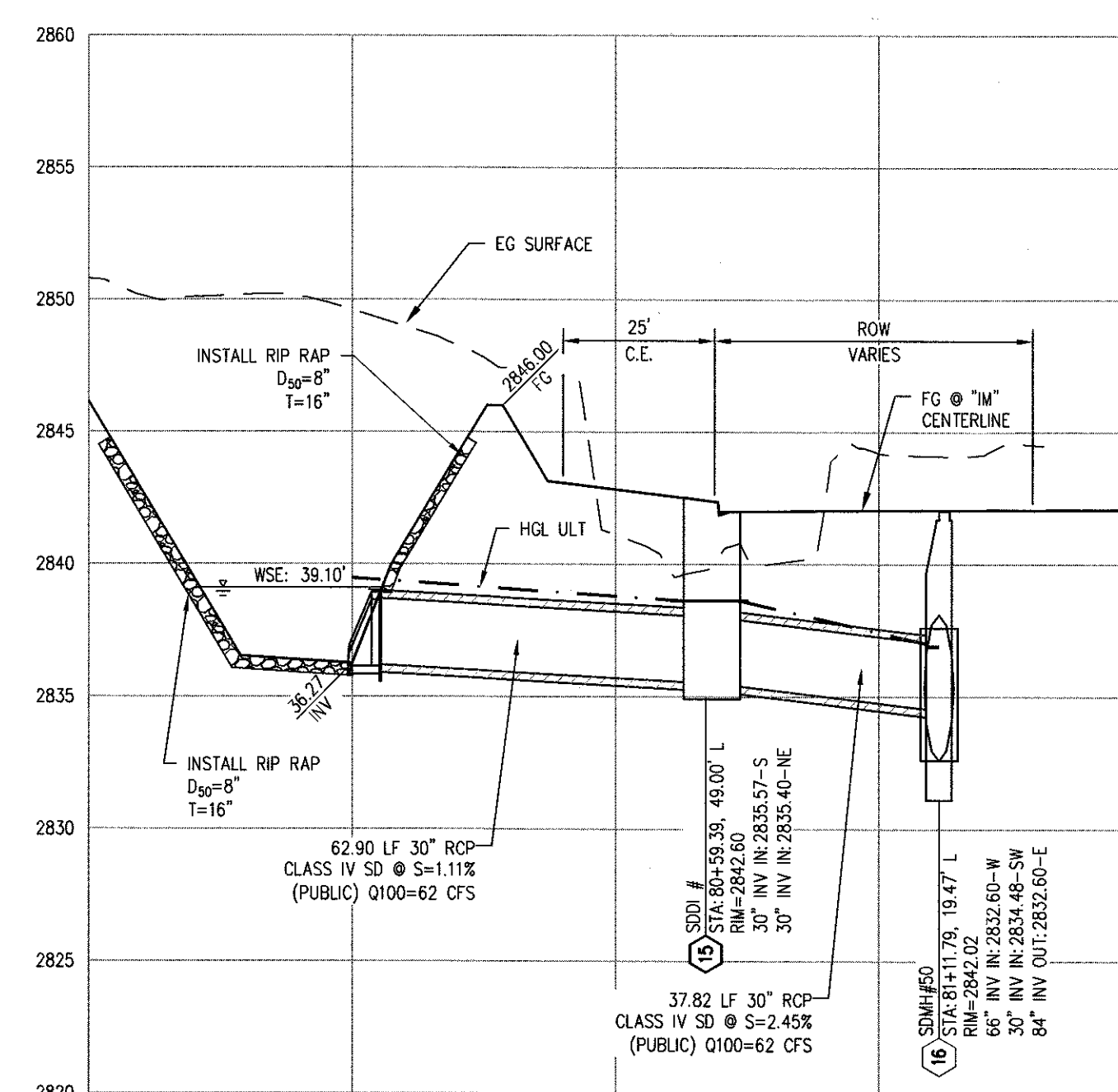
IRON MOUNTAIN RD
STORM DRAIN @ 100+75.89

SCALE: HORIZ. 1"=30' VERT. 1"=6'
SEE SHEET: PP-04



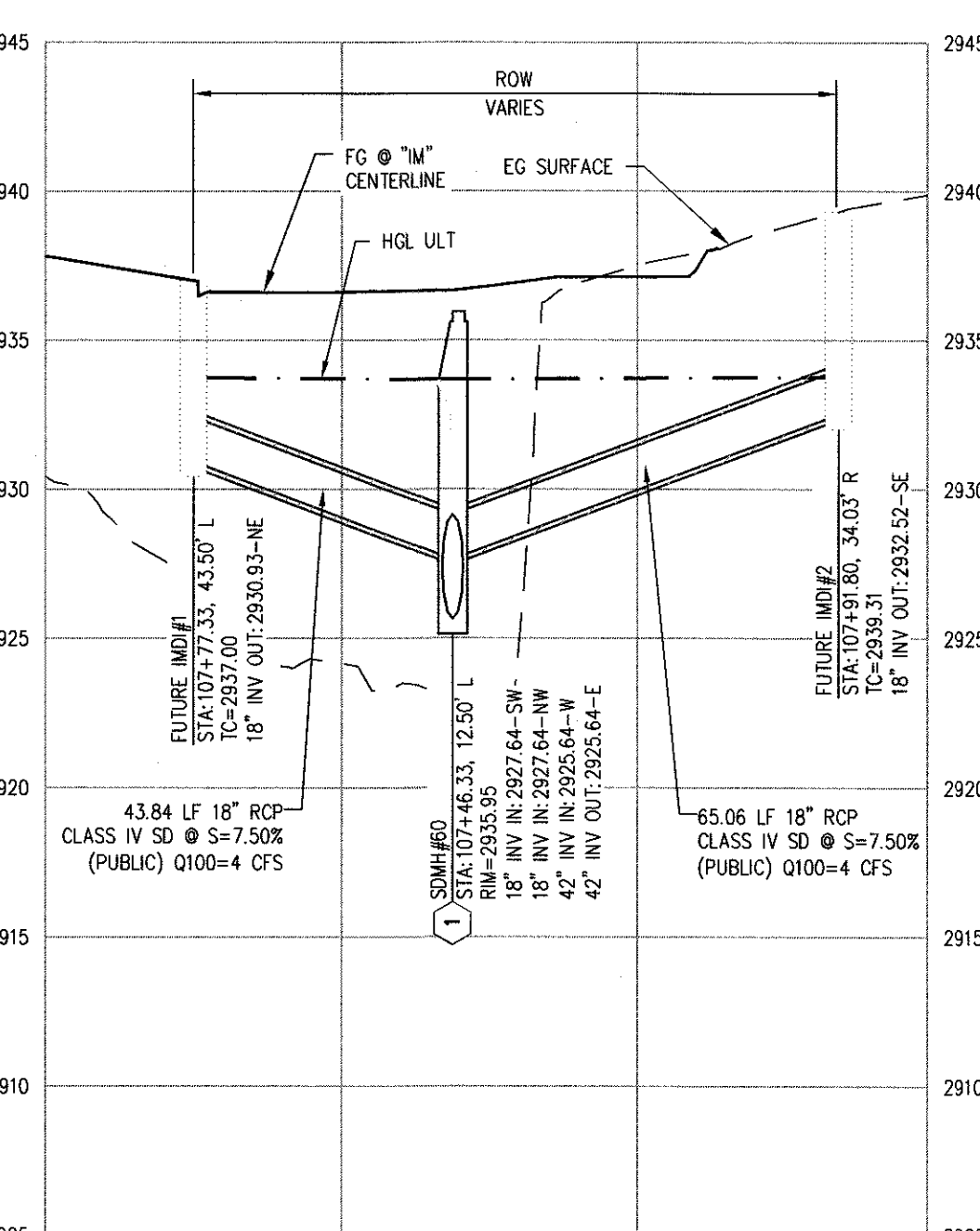
IRON MOUNTAIN RD
STORM DRAIN @ 94+15.89

SCALE: HORIZ. 1"=30' VERT. 1"=6'
SEE SHEET: PP-05



IRON MOUNTAIN RD
STORM DRAIN @ 81+11.79

SCALE: HORIZ. 1"=30' VERT. 1"=6'
SEE SHEET: PP-08



IRON MOUNTAIN RD
STORM DRAIN @ 107+46.33

SCALE: HORIZ. 1"=30' VERT. 1"=6'
SEE SHEET: PP-03

NO.	DESCRIPTION	DATE	BY	APP.

NINETY-FIVE MANAGEMENT LLC
SKYE CANYON PHASE 3BC
IRON MOUNTAIN ROAD
STORM DRAIN LATERALS



DATE: 9/8/18

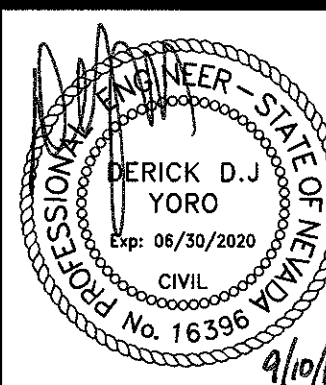
DRAFTER: HF

DESIGNER: HF

CHECKED: DY

PROJECT NO.

OLY1609-000



LAT-01

SHEET 13 OF 27

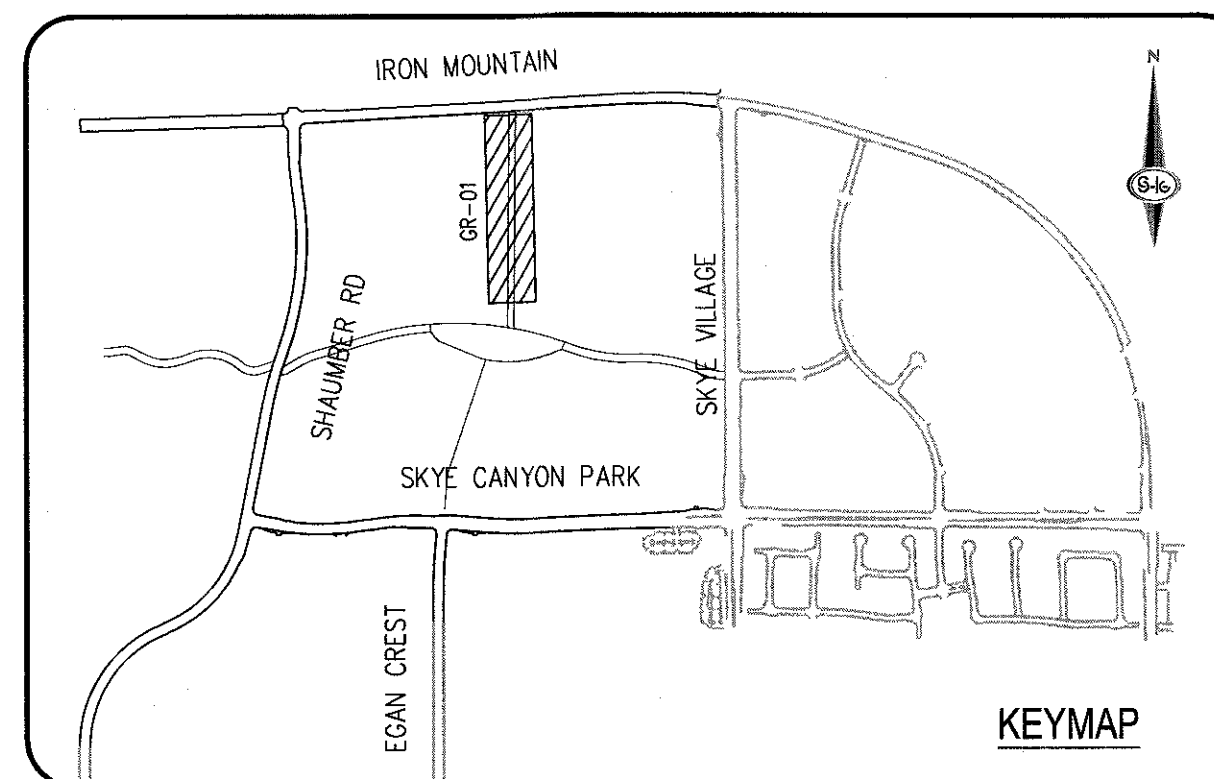
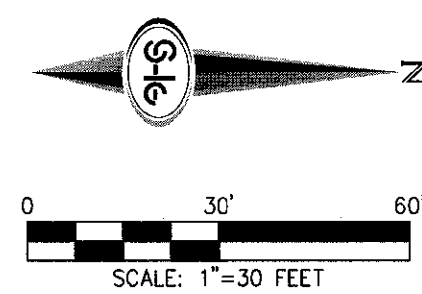
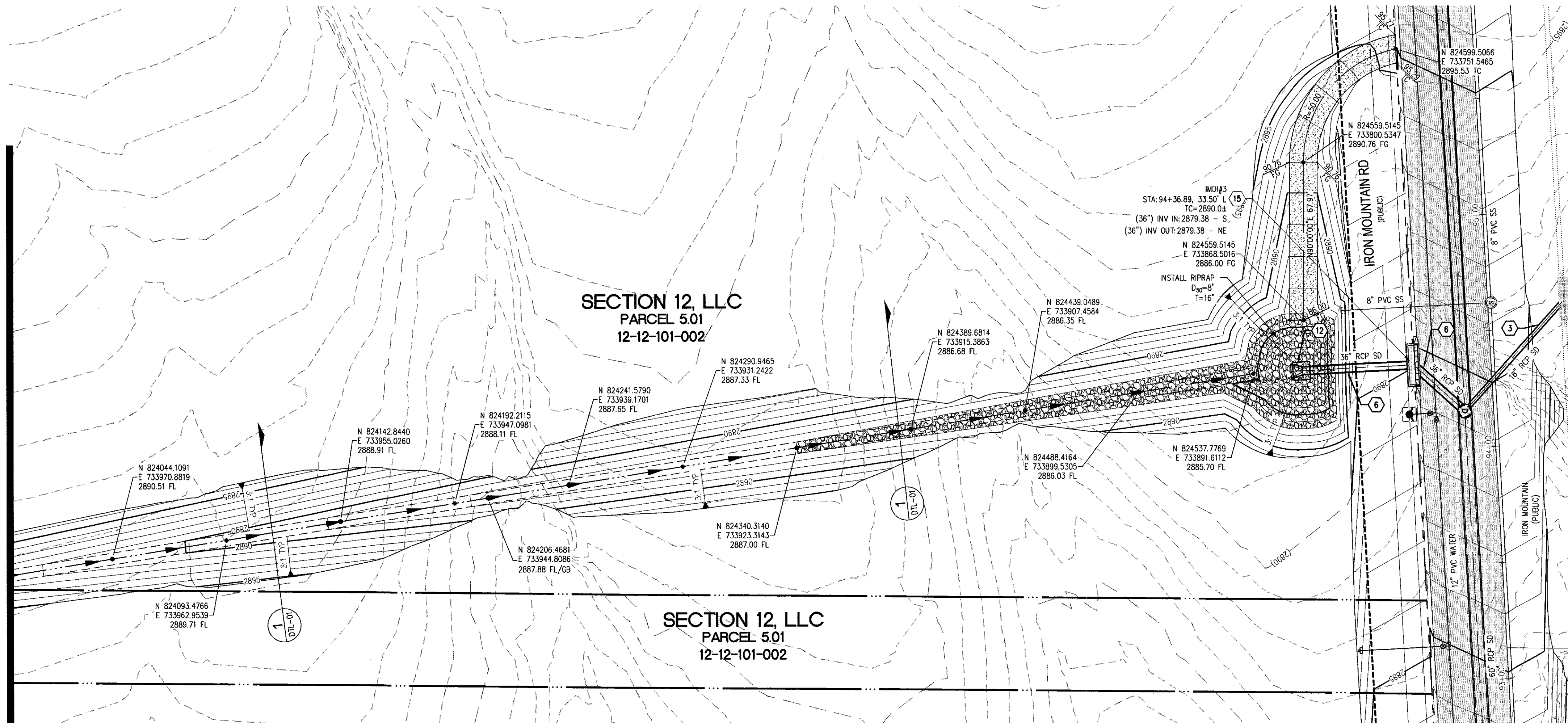
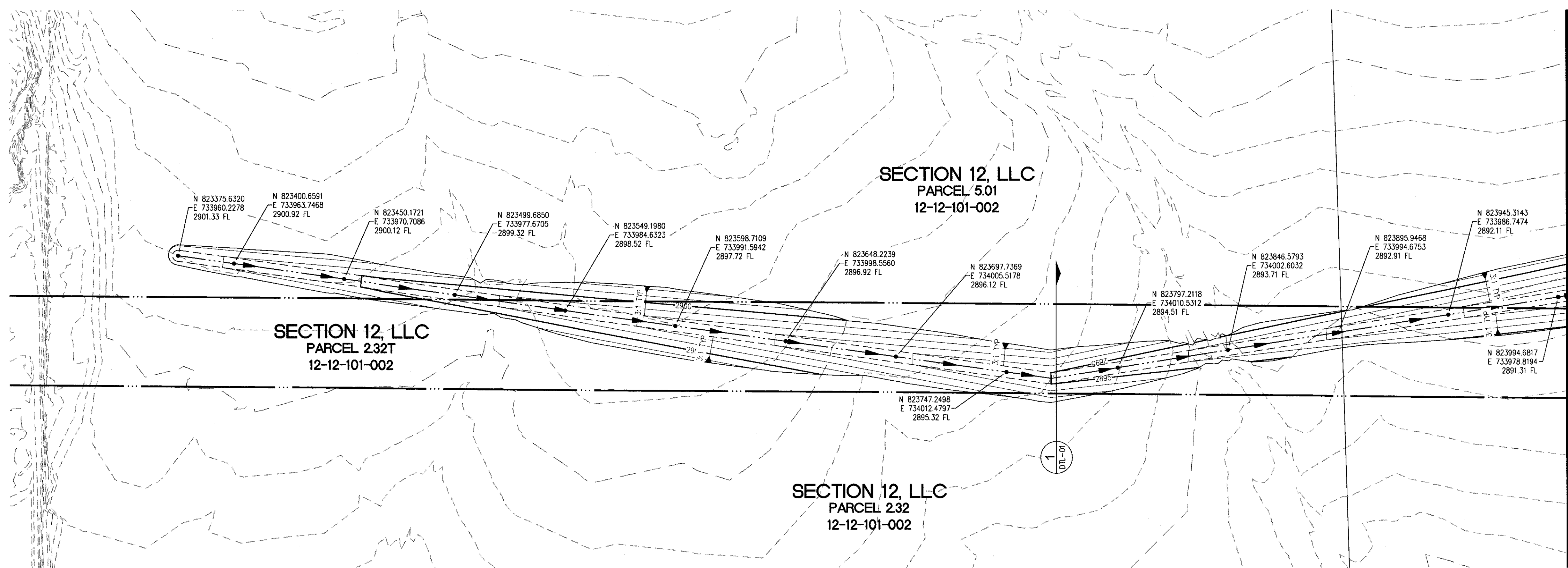
LYNDEN ENGINEERING SERVICES, INC. 3000 S. 10TH AVENUE, SUITE 100, DENVER, CO 80202-1000 (303) 733-1000 FAX (303) 733-1001

THIS SHEET MATCHLINE

SEE ABOVE RIGHT

THIS SHEET MATCHLINE

SEE ABOVE RIGHT



CONSTRUCTION NOTES			
1	CONSTRUCT 1" UTACS OVER 4.5" PBS OVER 4" TYPE II AGGREGATE BASE (SEE TY SHEETS)	DATE	BY
2	CONSTRUCT 1" UTACS OVER 5.5" PBS OVER 6" TYPE II AGGREGATE BASE (SEE TY SHEETS)	DATE	BY
3	CONSTRUCT "A" TYPE ISLAND CURB (USDCCA STD. DWG. NO. 219)	DESCRIPTION	
4	CONSTRUCT "L" TYPE CURB AND GUTTER (USDCCA STD. DWG. NO. 216)		
5	CONSTRUCT SIDEWALK RAMP (CASE II) WITH TACTILE WARNING PANEL (USDCCA STD. DWG. NO. 235)		
6	CONSTRUCT BUS TURN-OUT (USDCCA STD. DWG. NO. 234.1)		
7	CONSTRUCT CONCRETE SIDEWALK (USDCCA STD. DWG. NO. 234)		
8	PROTECT IN PLACE (VERIFY LOCATION AND ELEVATION OF EX. IMPROVEMENTS)		

STORM DRAIN NOTES			
1	CONSTRUCT 48" TYPE II-SB MANHOLE (USDCCA STD. DWG. NO. 405.2)		
2	CONSTRUCT 60" TYPE III MANHOLE (USDCCA STD. DWG. NO. 406.1)		
3	INSTALL 18" RCP (USDCCA STD. DWG. NO. 503.2)		
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5.	ALL PIPES ARE PUBLICLY MAINTAINED.		
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APPROVED FOR CONSTRUCTION			
LYNDEN ENGINEERING SERVICES MANAGER	DATE		
PROJECT NO. 126408			

SLATER HANIFAN GROUP
a Westwood team
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

GR-01
SHEET 14 OF 27

NINETY-FIVE MANAGEMENT LLC
SKYE CANYON PHASE 3BC
IRON MOUNTAIN ROAD
GRADING PLAN

DATE:	9/10/18
DRAFTER:	HF
DESIGNER:	HF
CHECKED:	DY
PROJECT NO.	OLY1609-000

GR-01
SHEET 14 OF 27



1. WHERE THE SLOPE OF THE UPSTREAM PIPE IS GREATER THAN THE SLOPE OF THE DOWNSTREAM PIPE, JOIN SOFFITS. WHERE THE SLOPE OF THE UPSTREAM PIPE IS LESS THAN THE SLOPE OF THE DOWNSTREAM PIPE, JOIN INVERTS.
2. WHERE THE SPACE BETWEEN THE PIPE EXTREMITIES EXCEEDS 2 1/2 INCHES, THE NUMBER OF CIRCULAR TIES SHALL BE INCREASED TO MAINTAIN A MAXIMUM SPACING OF 6 INCHES. CENTER TO CENTER. CIRCULAR TIES SHALL HAVE A DIAMETER 5 INCHES GREATER THAN THE OUTSIDE DIAMETER OF THE LARGER PIPE.

PIPE DIAMETER	SPACE BETWEEN PIPE EXTREMITIES	NO. OF CIRCULAR TIES	L	T
18"	2 1/2"	3	12"	5"
24"	2 1/2"	3	12"	6"
30"	2 1/2"	3	12"	7"
36"	2 1/2" or less	4	18"	9"
60"	2 1/2" or less	5	21"	11"

