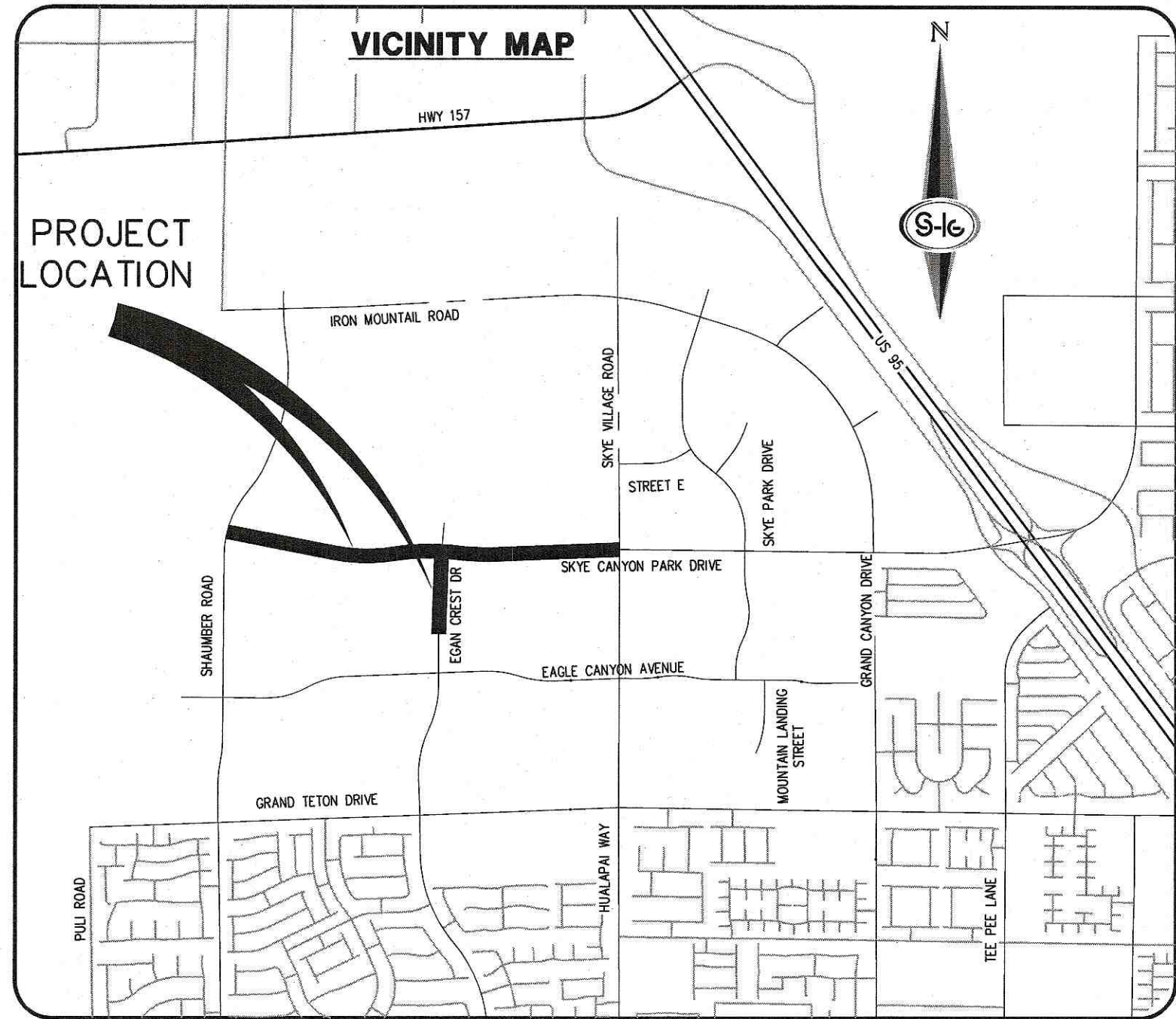




IMPROVEMENT PLANS

FOR

SKYE CANYON PHASE 3B, 3C

SKYE CANYON PARK DRIVE

SHAUMBER RD TO SKYE VILLAGE RD



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 OF 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 FORM 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 DIRECTOR, BUILDING AND SAFETY DATE _____

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:
LVWMD 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 - "SCP" 37+50 TO "SCP" 43+50
6	PP-02	CONSTRUCTION PLAN - "SCP" 43+50 TO "SCP" 50+00
7	PP-03	CONSTRUCTION PLAN - "SCP" 50+50 TO "SCP" 56+50
8	PP-04	CONSTRUCTION PLAN - "SCP" 56+50 TO "SCP" 62+50
9	PP-05	CONSTRUCTION PLAN - "SCP" 62+50 TO "SCP" 69+50
10	PP-06	CONSTRUCTION PLAN - "SCP" 69+50 TO "SCP" 73+50
11	PP-07	CONSTRUCTION PLAN - 58+50 TO "SR" 64+50
12	PP-08	CONSTRUCTION PLAN - "ECD" 29+50 TO "ECD" 35+50
13	PP-09	CONSTRUCTION PLAN - "ECD" 35+50 TO "ECD" 38+20
14	LAT-01	STORM DRAIN LATERALS I
15	LAT-02	STORM DRAIN LATERALS II
16	GRD-01	GRADING SHEET I
17	DTL-01	STORM DRAIN DETAILS

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
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, 3C
SKYE CANYON PARK
COVER SHEET

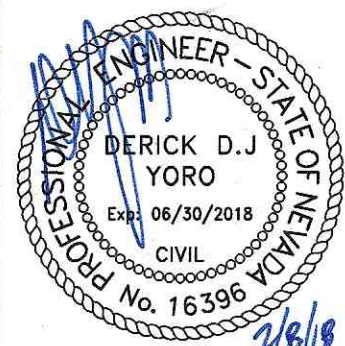
DATE: 2/8/18

DRAFTER: HF

DESIGNER: HF

CHECKED: DY

PROJECT NO.
OLY1609-000



G-01
SHEET 1 OF 17

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS FOR THE CONSTRUCTION OF STORM-SEWER IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, AS AMENDED. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATIONS.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM CONSTRUCTION AS PER PLANS. ANY ADDITIONS, DELETIONS, OR CHANGES SHALL FIRST MEET WITH THE APPROVAL OF THE CITY ENGINEER.
3. CHISEL "S" OR "C" IN CURBS WHERE SEWER OR LATERALS PASS UNDER THE CURB.
4. POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, INSTALLED WITH SAND BEDDING AND BACKFILL OF TYPE II AGGREGATE BASE.
5. ALL MANHOLES PAVED IN STREETS EIGHTY (80') FOOT R/W AND LARGER SHALL HAVE CONCRETE COLLARS. STREETS LESS THAN EIGHTY (80') FOOT R/W WILL REQUIRE RETROFIT IF PAVING DOES NOT CONFORM TO CITY STANDARDS AT THE MANHOLE.
6. TEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO TWELVE INCH (12" DIAMETER. CONNECTIONS TO FIFTEEN INCH (15") OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES. IN LINE "Y" SHALL BE USED ON LINES TWELVE INCHES (12") OR ABOVE.
7. WATER MAINS SHALL BE PROTECTED IN ACCORDANCE WITH LVWDG STANDARDS WHENEVER A SEWER MAIN CROSSES OVER A WATER MAIN OR A SEWER MAIN SHALL BE DEEPER THAN TWENTY INCH (18") UNDER A WATER MAIN.
8. ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF THE CITY OF LAS VEGAS MUST BE STATE OF NEVADA CLASS "A" CONTRACTORS.
9. THE CITY OF LAS VEGAS WILL NOT ACCEPT ANY SEWER MAINS WHICH HAVE A VERTICAL DEFLECTION OF MORE THAN ONE TENTH (0.1) OF A FOOT FROM THE APPROVED CONSTRUCTION PLANS AT ANY LOCATION. SEWER MAINS FOUND TO EXCEED THIS TOLERANCE WILL HAVE TO BE REPAIRED OR REMOVED OR REPLACED TO THE SATISFACTION OF THE CITY ENGINEER.
10. INSTALLATION OF CURVED SEWER REQUIRE THE USE OF C-900 PIPE WHICH ALLOWS FOR PIPE DEFLECTION AT THE JOINTS.

1. THE OWNER, SITE DEVELOPER, CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN EXPOSED TO OR RELEASED TO CLARK COUNTY'S WATERWAYS. CLARK COUNTY AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR CONSTRUCTION PROJECT. SUCH MATERIALS SHALL BE PREVENTED FROM ENTERING THE STORM SEWER SYSTEM.
2. ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS IF THE SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARD IN THE USDOCA AND THE LAS VEGAS VALLEY CONSTRUCTION SITE EROSION CONTROL MANUAL.
3. TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. SOME EXCEPTIONS MAY APPLY; REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR100000, SECTION III.A.5.
4. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT AREAS, AND AREAS OF EROSION. INSPECTIONS WILL BE REQUIRED AT THE FOLLOWING FREQUENCIES OR MORE. THE CONTRACTOR OR HIS AGENT SHALL UPDATE OR MODIFY THE STORMWATER POLLUTION PREVENTION PLAN AS NECESSARY. SOME EXCEPTIONS TO WEEKLY INSPECTIONS MAY APPLY, SUCH AS THE FOLLOWING: (1) IF THE CONTRACTOR REQUESTS TO BE RELEASED TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR 100000, SECTION III.A.12.
5. THE DEVELOPER SHALL BE RESPONSIBLE TO PROVIDE AND INSTALL ALL PERMANENT SIGNS SHOWN ON THE PLANS. STREET NAME SIGNS SHALL CONFORM IN THEIR ENTIRETY TO CLARK COUNTY AREA STANDARDS. ALL OTHER SIGNS SHALL BE STANDARD SIZE UNLESS OTHERWISE SPECIFIED ON THE PLANS. ALL SIGN POSTS SHALL BE INSTALLED IN ACCORDANCE WITH CLARK COUNTY AREA STANDARDS. ALL SIGNS SHALL USE TYPE II SHEETING.

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE _____ LVWD PROJECT # XXXXX

REVISÉ 04/15/10

REVISÉ 3/1/16

REVISÉ JULY 2008

NONE

REVISED 05/05/08

	STREET CENTER LINE
	EASEMENT LINE
	AEP
	PROPOSED SIGN
	CONCRETE SURFACE
	PLANTMIX BITUMINOUS SURFACE
	FLOWLINE
	SAW CUT LINE
	CONTOUR LINE
	ELEVATION
	FUTURE ELEVATION
	STORM DRAIN MANHOLE
	SANITARY SEWER MANHOLE
	100 WATT STREET LIGHT
	250 WATT STREET LIGHT
	FAST ITS CONDUIT
	FAST P30 PULLBOX
	FAST TYPE 200 SPLICE VAULT

DESCRIPTION	UNIT	TOTAL QUANTITY
DROP INLET 10' TYPE CM2	EA	2
DROP INLET 17.5' TYPE CM2	EA	1
DROP INLET 20' TYPE CM2	EA	x
48" TYPE II MANHOLE	EA	1
60" TYPE III MANHOLE	EA	1
60" TYPE IIII MANHOLE	EA	x
TYPE 4 MANHOLE	EA	3
18" RCP	LF	977
24" RCP	LF	168
30" RCP	LF	x
36" RCP	LF	65
36" PVC	LF	58
54" RCP	LF	330
60" RCP	LF	155
72" RCP	LF	27
4'x8" RCB	LF	x
PRECAST 6'x6' RCB	FT	x
PRECAST 8'x5' RCB	FT	x
PRECAST 8'x7' RCA	FT	x
PRECAST 10'x9' RCA	FT	x
STRUCTURAL HEADWALL	EA	x
NDOT TYPE II HEADWALL	EA	x
18" END SECTION	EA	x
24" END SECTION	EA	1
36" END SECTION	EA	x
54" END SECTION	EA	4
RIPRAP	CY	x

ASBUT	ALBUMEN	GND	GROUND	R/W	RIGHT-OF-WAY
AC	ALUMINUM CAP/ASPHALTIC CONCRETE	H	HEIGHT	RT	RIGHT
ACP	AUTHORIZATION TO ENTER PROPERTY	HGL	HYDRAULIC GRADE LINE	S	SOUTH
AP	ANGLE POINT	HORIZ	HORIZONTAL	SCH	SCHEDULE
APN	ASSESSORS PARCEL NUMBER	HWY	HIGHWAY	SD	STORM DRAIN
AVENUE		INV	INVERT	SDMH	STORM DRAIN MANHOLE
BC	BEGIN CURVE/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
BW	BENCHMARK	LIP	LIP OF GUTTER	SHT	SHEET
BOT	BOTTOM	LT	LEFT	SIM	SIMILAR
BRG	BEARING	LUM	LUMINAIRE	SP	SERVICE POINT
B/S	B/S OF SIDEWALK	LVWD	LAS VEGAS VALLEY WATER DISTRICT	SPA	SQUARE
BVCE	BEGIN VERTICAL CURVE ELEVATION	MAX	MAXIMUM	SQ	SQUARE
BVCS	BEGIN VERTICAL CURVE STATION	MH	MANHOLE	SS	SANITARY SEWER
CLTV	CURB AND GUTTER	MN	MANHOLE	SSMH	SANITARY SEWER MANHOLE
CCSD	DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS	MLCP	MULTI-LAYERED COMPOSITE PIPE	STA	STATION
CKT	CIRCUIT	MOD	MODIFY/MODIFIED	STD	STANDARD
CLR	CLEAR/CLEARANCE	MON	MONUMENT	ST	STREET
CLM	CITY OF LAS VEGAS BENCHMARK	MPH	MILES PER HOUR	STL	STREET LIGHT
CLV	CITY OF LAS VEGAS	N	NORTH	STRUCT	STRUCTURE
CMU	CONCRETE MASONRY UNIT	NDOT	NEVADA DEPARTMENT OF TRANSPORTATION	SW	SIDEWALK
CONC	CONCRETE	NO	NUMBER	SNBORS	SOUTHERN NEVADA BUILDING OFFICIALS
C/C/L	CENTERLINE	NVE	NV ENERGY		REGIONAL STANDARDS
COB	CENTER OF BOLLARD	NTS	NOT TO SCALE	SWG	SOUTHWEST GAS
COL	COLUMN	OC	ON CENTER	T	TELEPHONE/TOP
CONC	CONSTRUCT/CONSTRUCTION	PHP	OVERHEAD POWER LINE	TAN	TANGENT
COORD	COORDINATE	PB	PULL BOX	TC	TOP OF CURB
COR	CORNER	PBS	PLANTAIN BITUMINOUS SURFACE	TEMP	TEMPERATURE
CB	CUBIC YARD(S)	PC	POINT OF CURVE, PHOTO CELL	TF	TOP OF FOOTING
DB	DIRECT BURY	PCC	POINT OF COMPOUND CURVE	TG	TOP OF GRADE
DBL	DOUBLE	PD	PONDING DEPTH	TH	TOP OF MANHOLE
DI	DROP INLET	PE	PROJECT ENGINEER/POLYETHYLENE	TRANS	TRANSITION STRUCTURE
DIA	DIAMETER	PED	PEDESTRIAN	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 OF WALL
DW	DRIVEWAY	PH	POTHOLE	TS	TRAFFIC SIGNAL
DWG	DRAWING	PI	POINT OF INTERSECTION	TP	TYPICAL
ECR	END CURB RETURN	PWKY	PARKWAY	UDACS	UNIFORM DESIGN AND CONSTRUCTION STANDARDS
EA	EACH	PLY	PLYWOOD		FOR WATER DISTRIBUTION SYSTEMS
EAS	EASEMENT	PMF	PAVEMENT MARKING FILM	USDCCA	UNIFORM STD. DRAWINGS FOR PUBLIC WORKS'
ELEV	ELEVATION	POB	POINT OF BEGINNING		CONSTRUCTION OFF-SITE IMPROVEMENTS
ELEV/EL	ELEVATION	POC	POINT ON CURVE		CLARK COUNTY AREA, NEVADA
EP/EOP	EDGE OF PAVEMENT	POE	POINT OF ENDING	UT	UNDERGROUND TELEPHONE
EST	ESTIMATED	POT	POINT ON TANGENT	VAR	VARIABLE/VARIABLES
EXP	EXPANSION	PP	POWER POLE	VC	VERTICAL CURVE
EXP/EXIST	EXPANSION JOINT	PPCB	PORTABLE PRECAST CONCRETE BARRIER RAIL	VERT	VERTICAL
EW	EACH WAY	PPM	POLYUREA PAVEMENT MARKINGS	VG	VALLEY GUTTER
FC	FACE OF CURB	PR	PAIR	W	WEST
FG	FINISH GRADE	PROP	PROPOSED	WY	WAY
FL	FIRE HYDRANT	PRC	POINT OF REVERSE CURVE	WT	WEIGHT
FL FLOW	FIRE LINE	PRVC	POINT REVERSE VERTICAL CURVE	XING	CROSSING
FL FLOW	FIRE OPTIC	PSI	POUNDS PER SQUARE INCH		
FS	FINISH SURFACE	PT	POINT OF TANGENCY		
FT	FOOT/FEET	PVI	POINT OF VERTICAL INTERSECTION		
FOOTING		PVMT	PAVEMENT		
FW	FACE OF WALL	R	RADIUS		
FYA	FLASHING YELLOW ARROW	RCB	REINFORCED CONCRETE BOX	"ECD"	EGAN CREST DRIVE (SKYE CANYON PARK DRIVE TO EAGLE CANYON DRIVE)
G	GAS	RCP	REINFORCED CONCRETE PIPE	"IMR"	IRON MOUNTAIN ROAD (SKYE VILLAGE ROAD TO SHAUMBER ROAD)
GA	GALUGE	RD	ROAD	"SCP"	SKYE CANYON PARK DRIVE (SKYE VILLAGE ROAD TO SHAUMBER ROAD)
GB	GRADE BREAK	RDWY	ROADWAY	"SR"	SHAUMBER ROAD (SKYE CANYON PARK DRIVE TO IRON MOUNTAIN ROAD)
		REC	RECTANGULAR	"SVR"	SKYE VILLAGE ROAD
		REINF	REINFORCED		
		REQD	REQUIRED		
		RND	ROUND		
		RP	RAISED POINT		
		RPM	RAISED PAVEMENT MARKERS		

NINETY-FIVE MANAGEMENT LLC

**SKYE CANYON PHASE 3BC
SKYE CANYON PARK
ABBREVIATIONS, LEGEND, AND QUANTITIES**

S-I-G
SLATER
HANIFAN
GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300
FAX (702) 284-5399

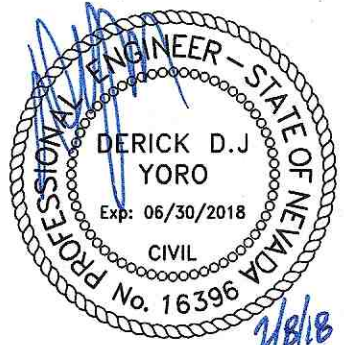
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DRAFTER: HF

DESIGNER: HF

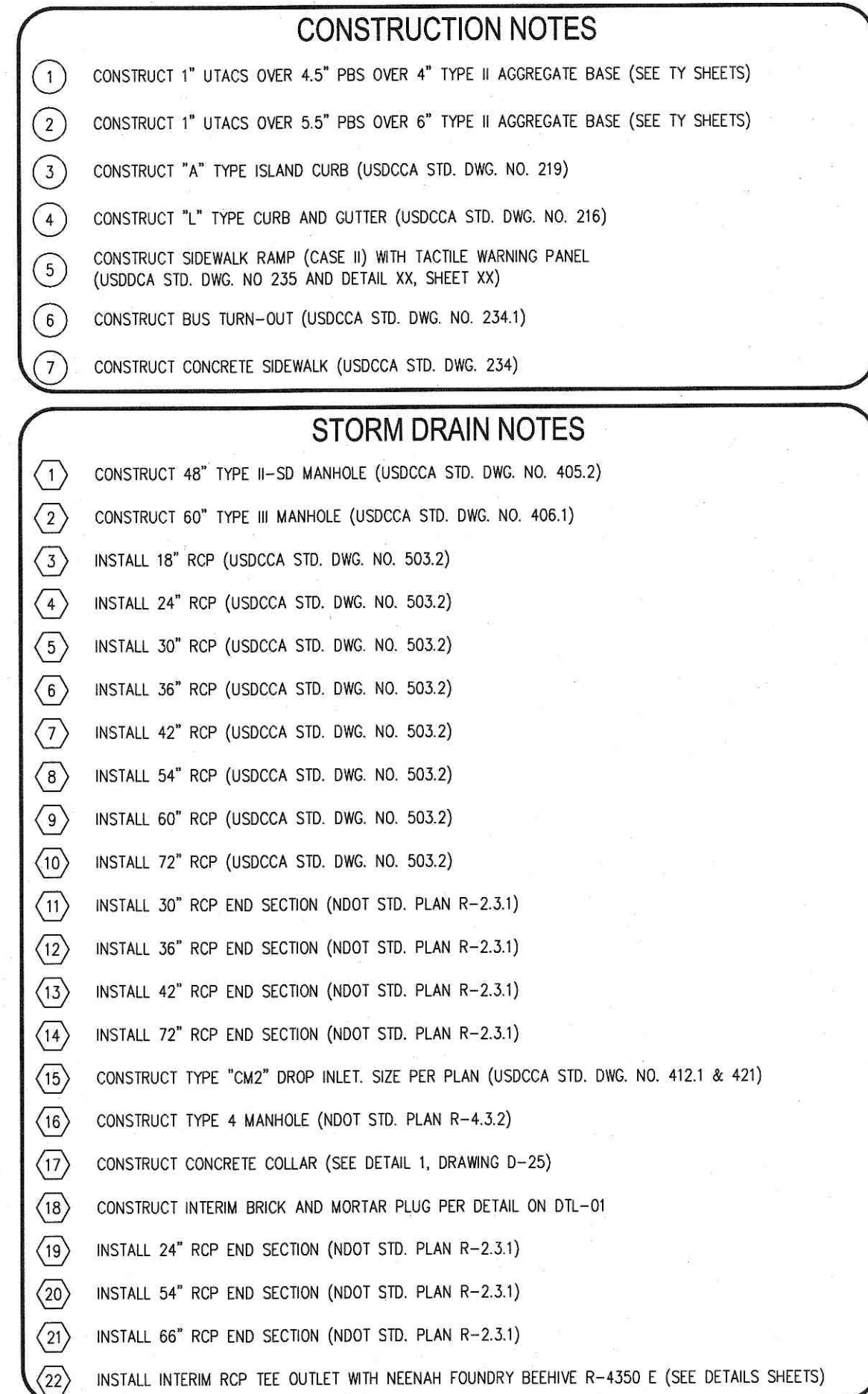
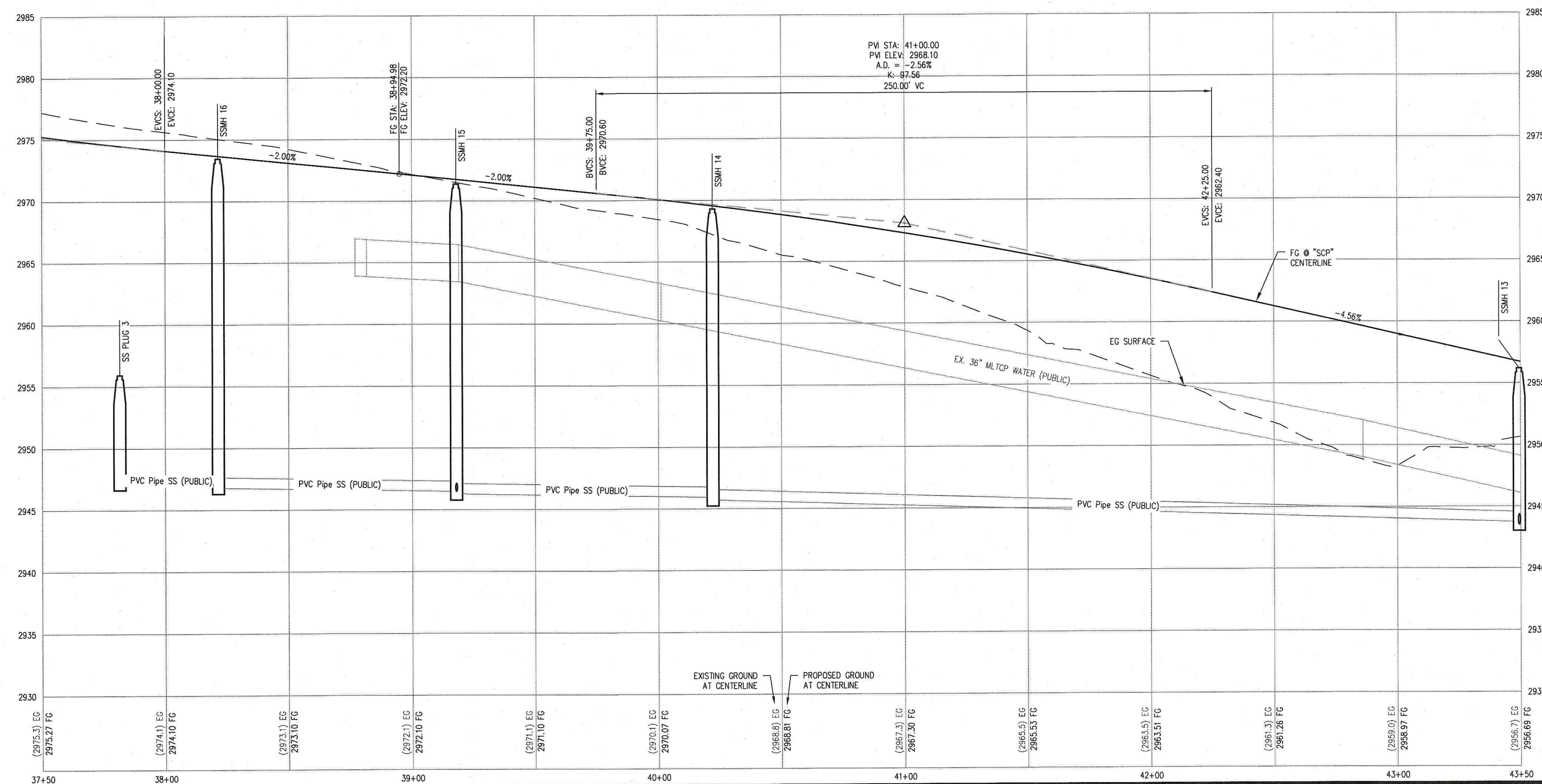
CHECKED: DY

PROJECT NO.
OLY1609-000



G-03

SHEET 3 OF 17



- 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.

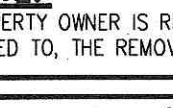
APPROVED FOR CONSTRUCTION

LVMWD ENGINEERING SERVICES MANAGER

DATE

PROJECT NO. XXXXX

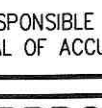
AVOID HITTING OVERHEAD POWER LINES IT'S COSTLY



CALL BEFORE YOU DO OVERHEAD

1-702-227-2929

FAST



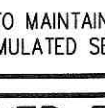
Call before you dig UnderGround.

1-702-432-5300

SEWERY AND SEWERIAL SYSTEM OF TRANSPORTATION

Call before you Dig

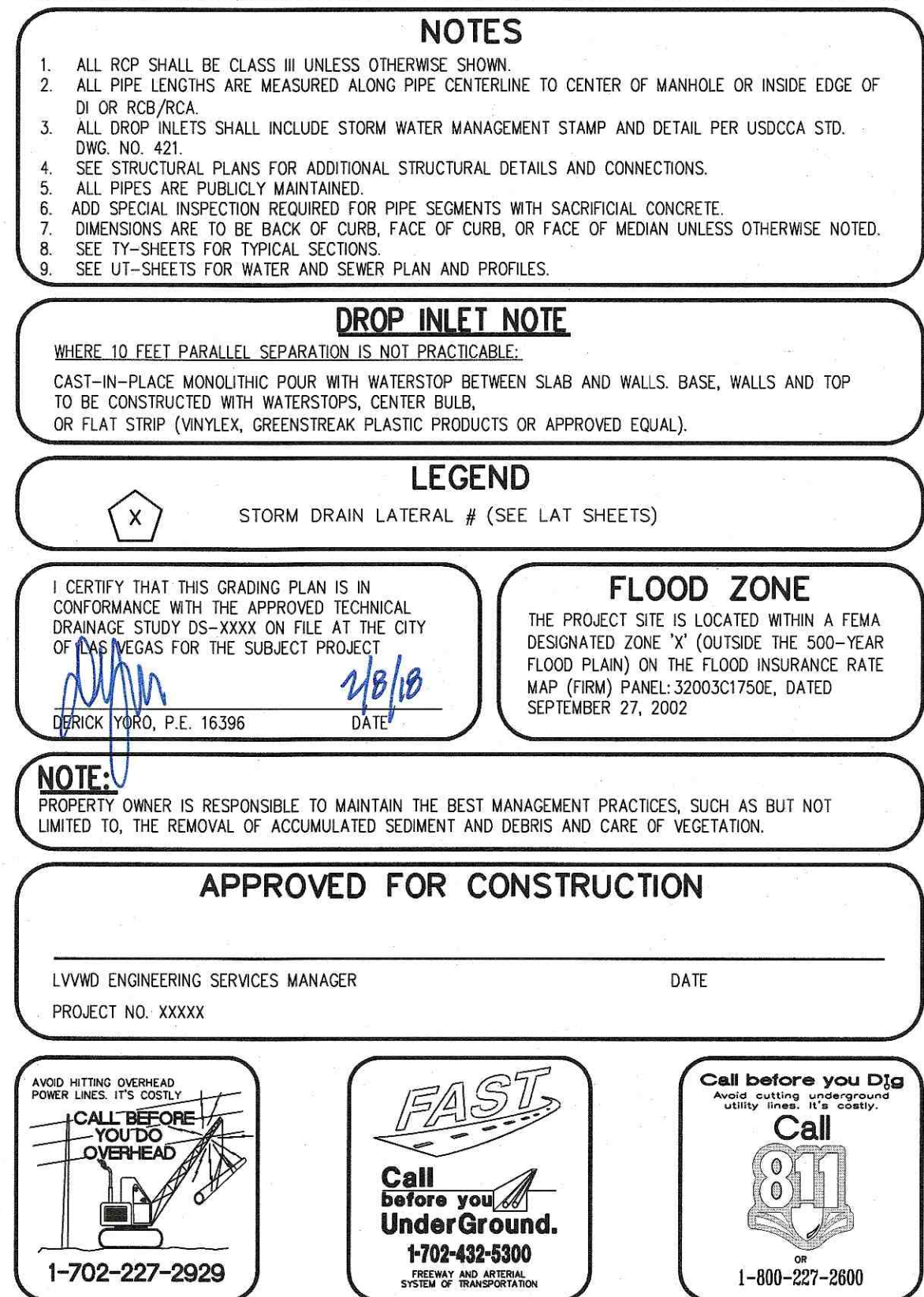
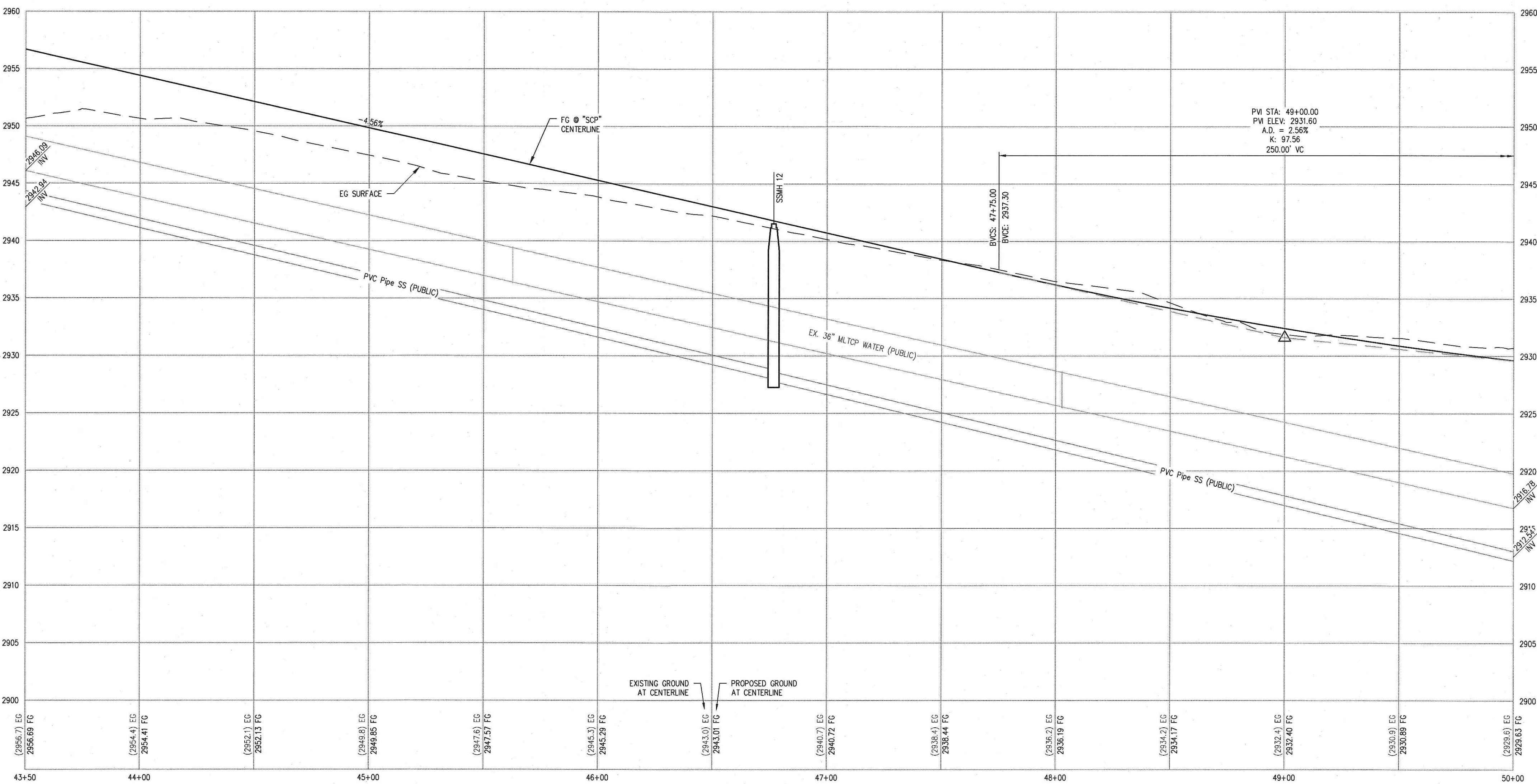
Avoid cutting underground utility lines, it's costly.

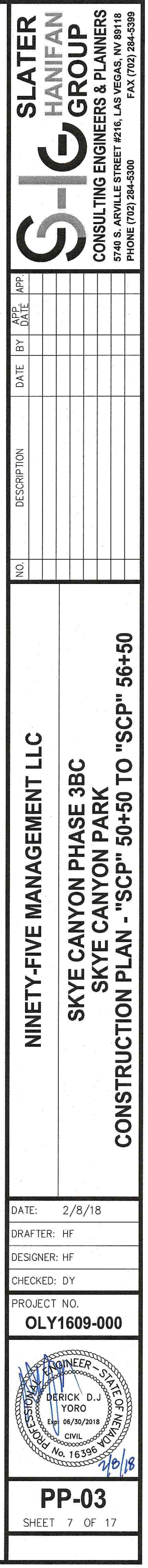
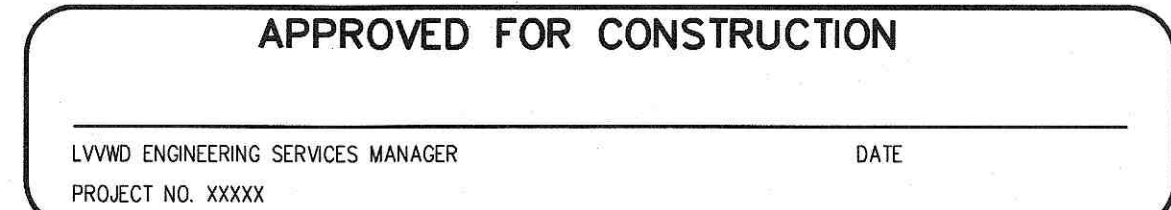
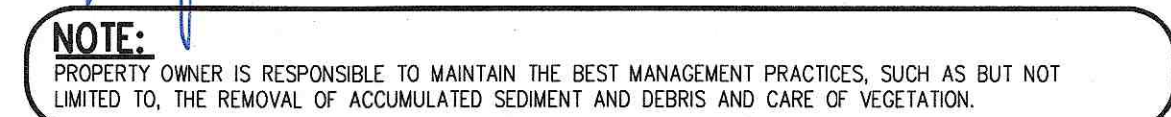
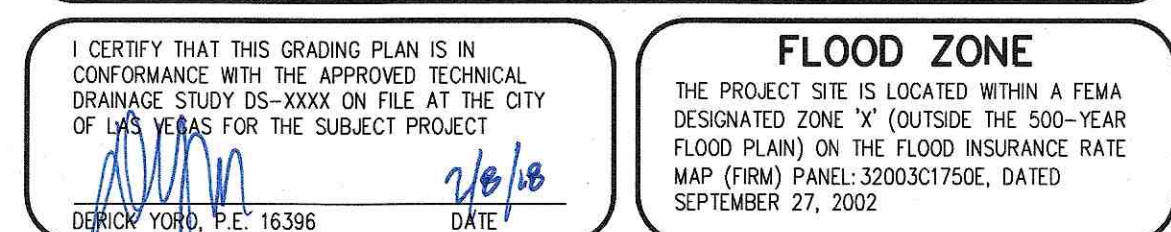
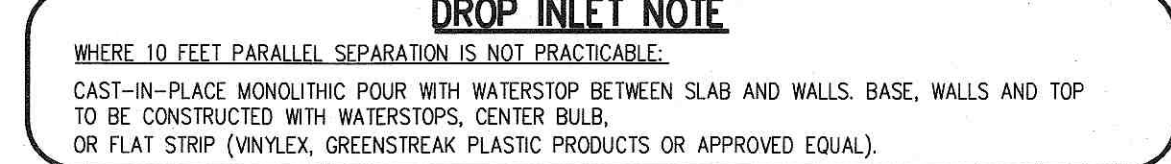
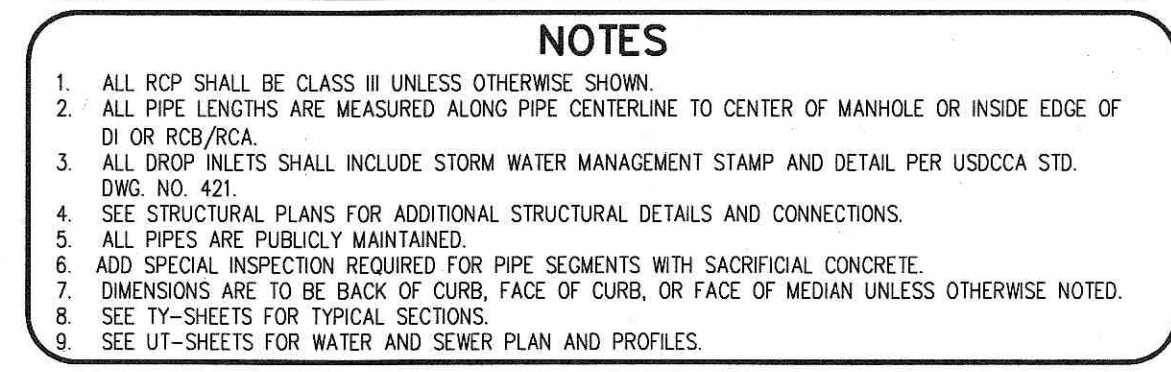
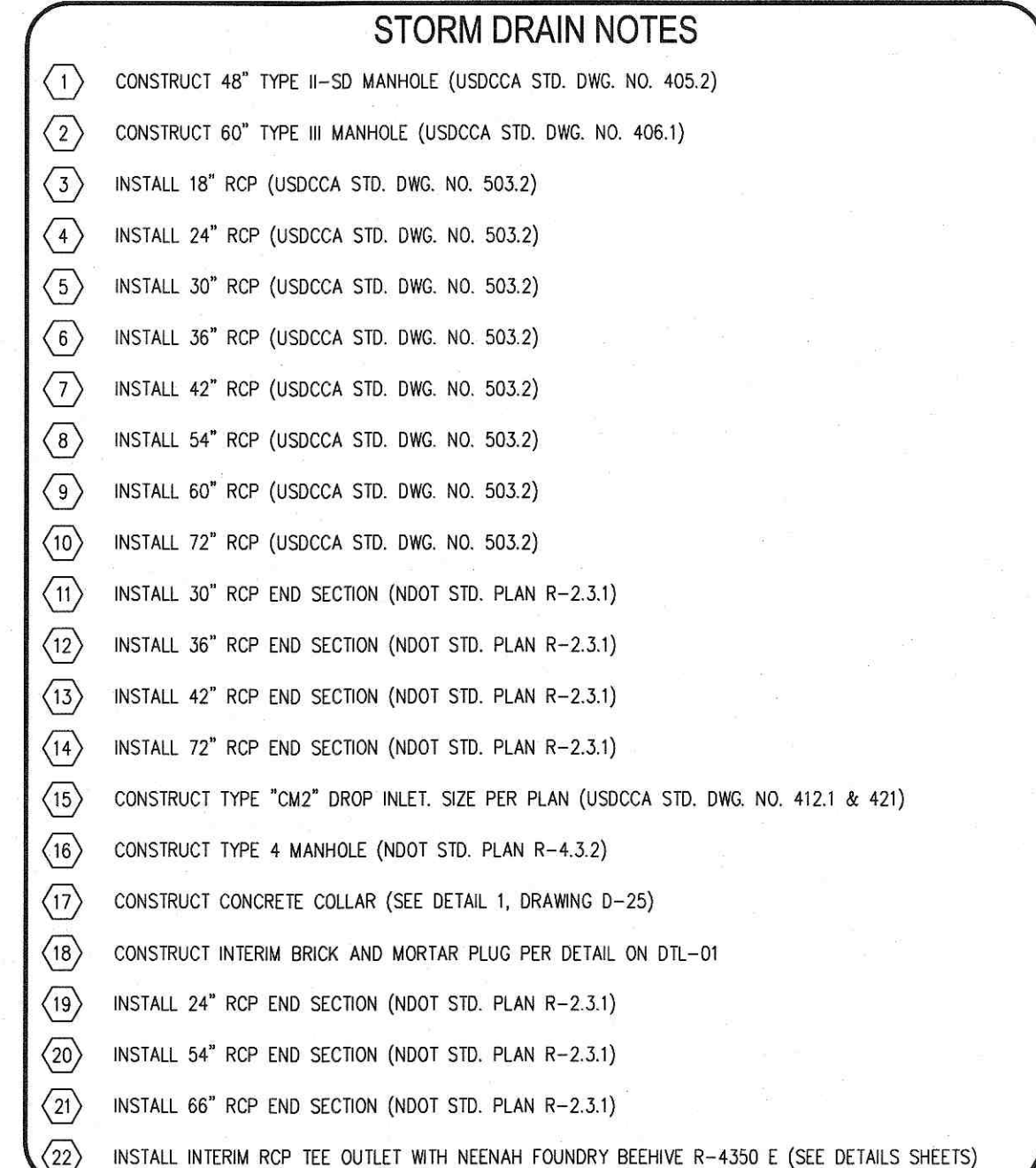
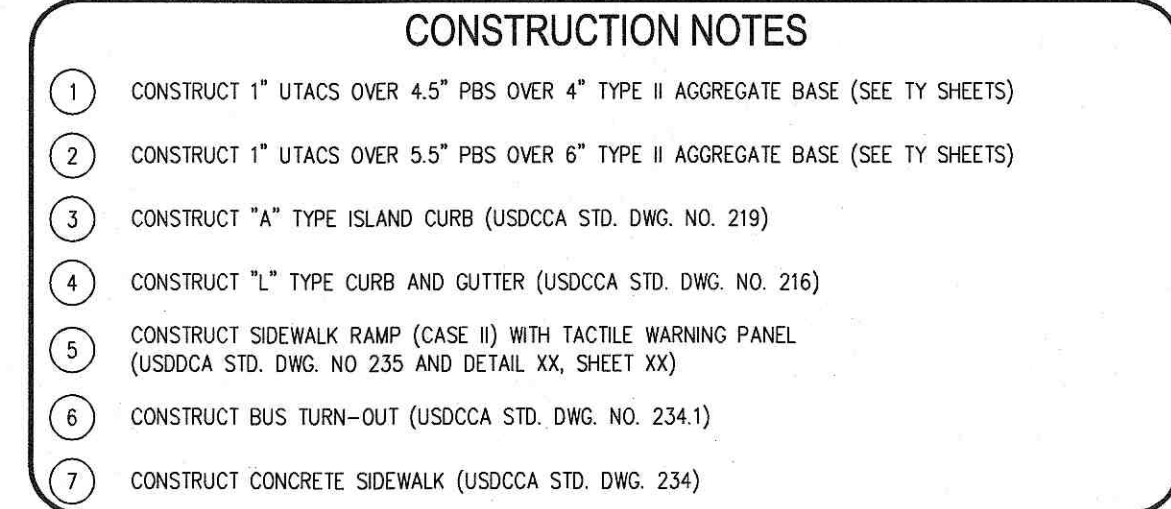


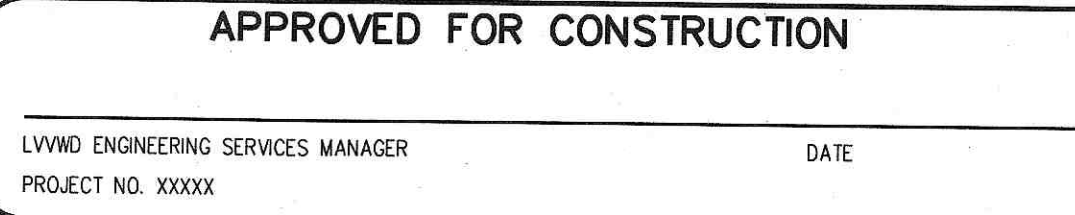
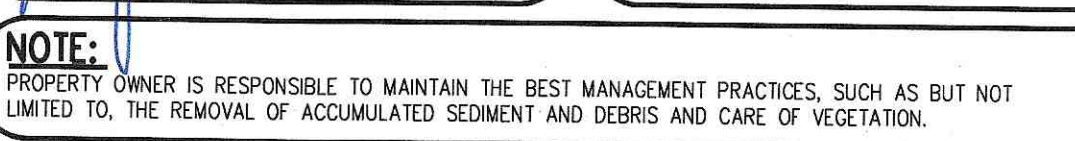
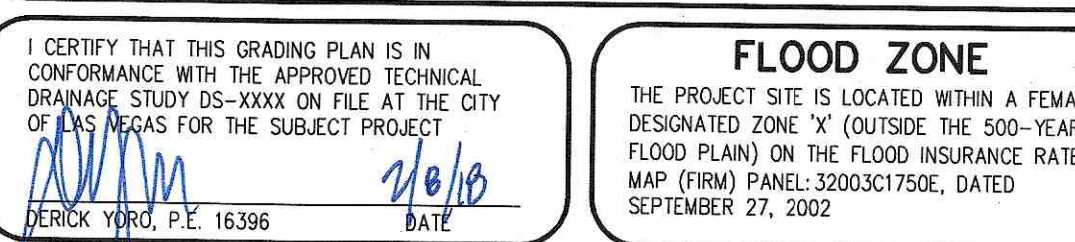
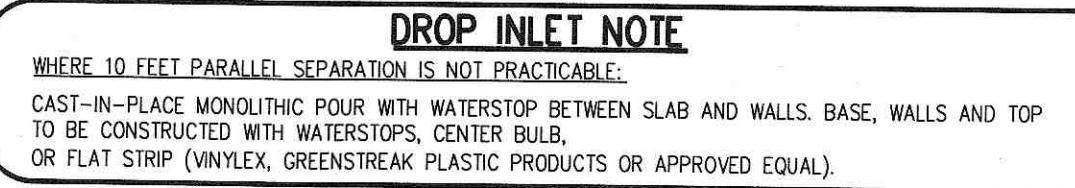
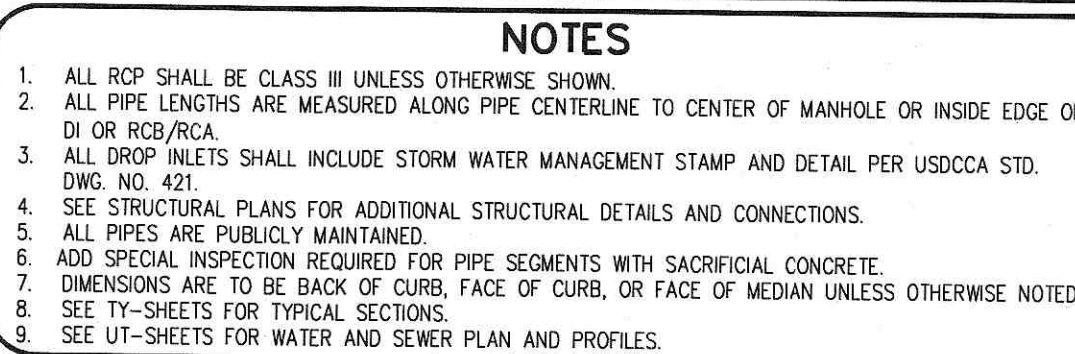
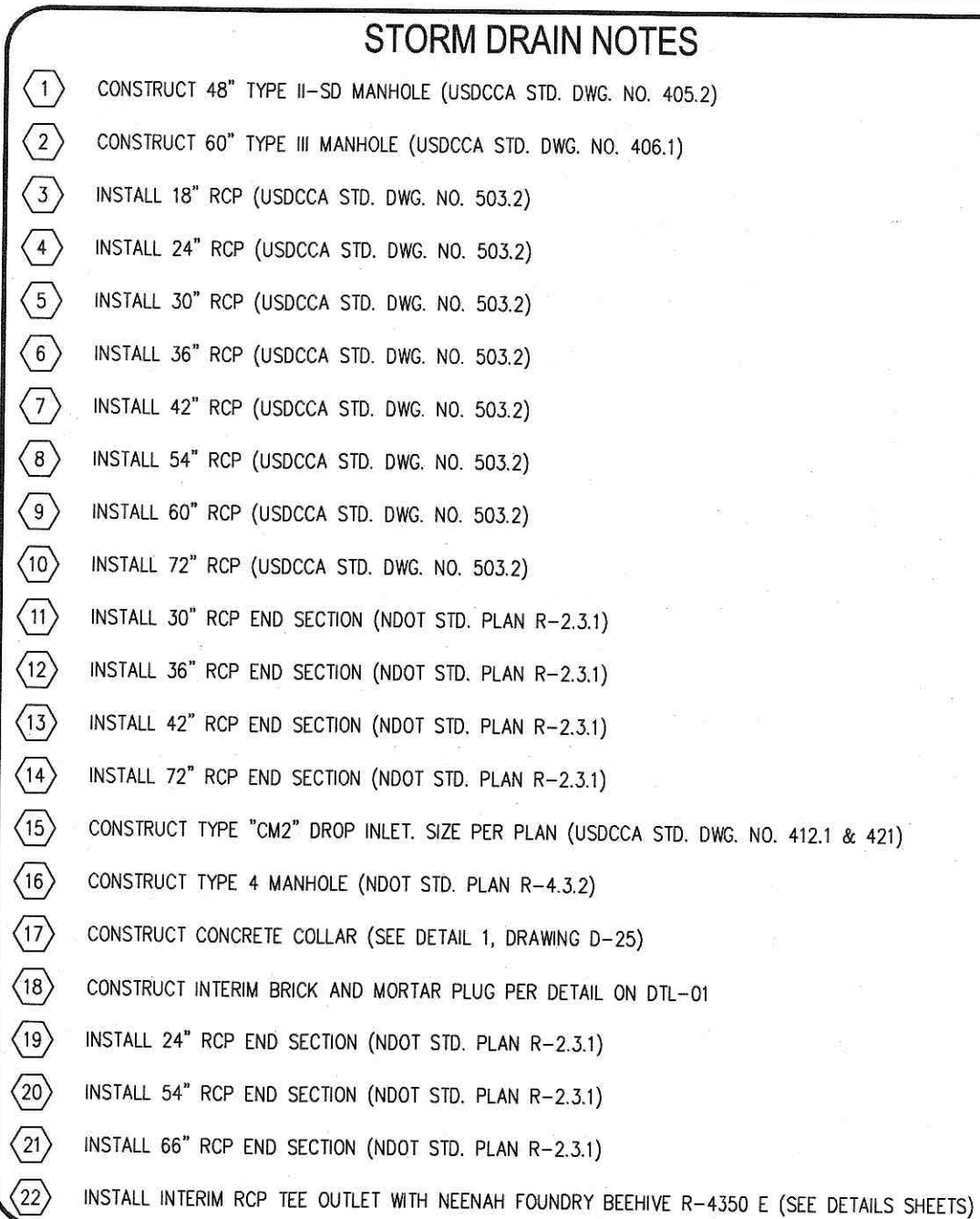
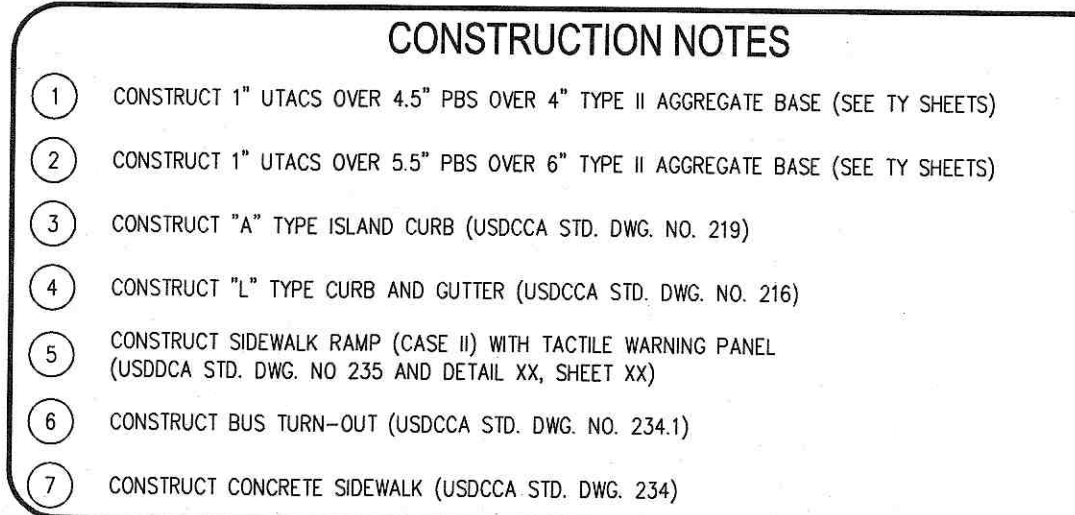
Call

OR

1-800-227-2600

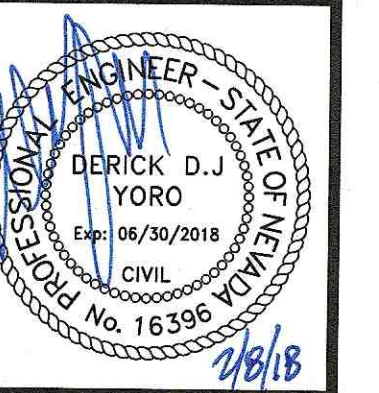




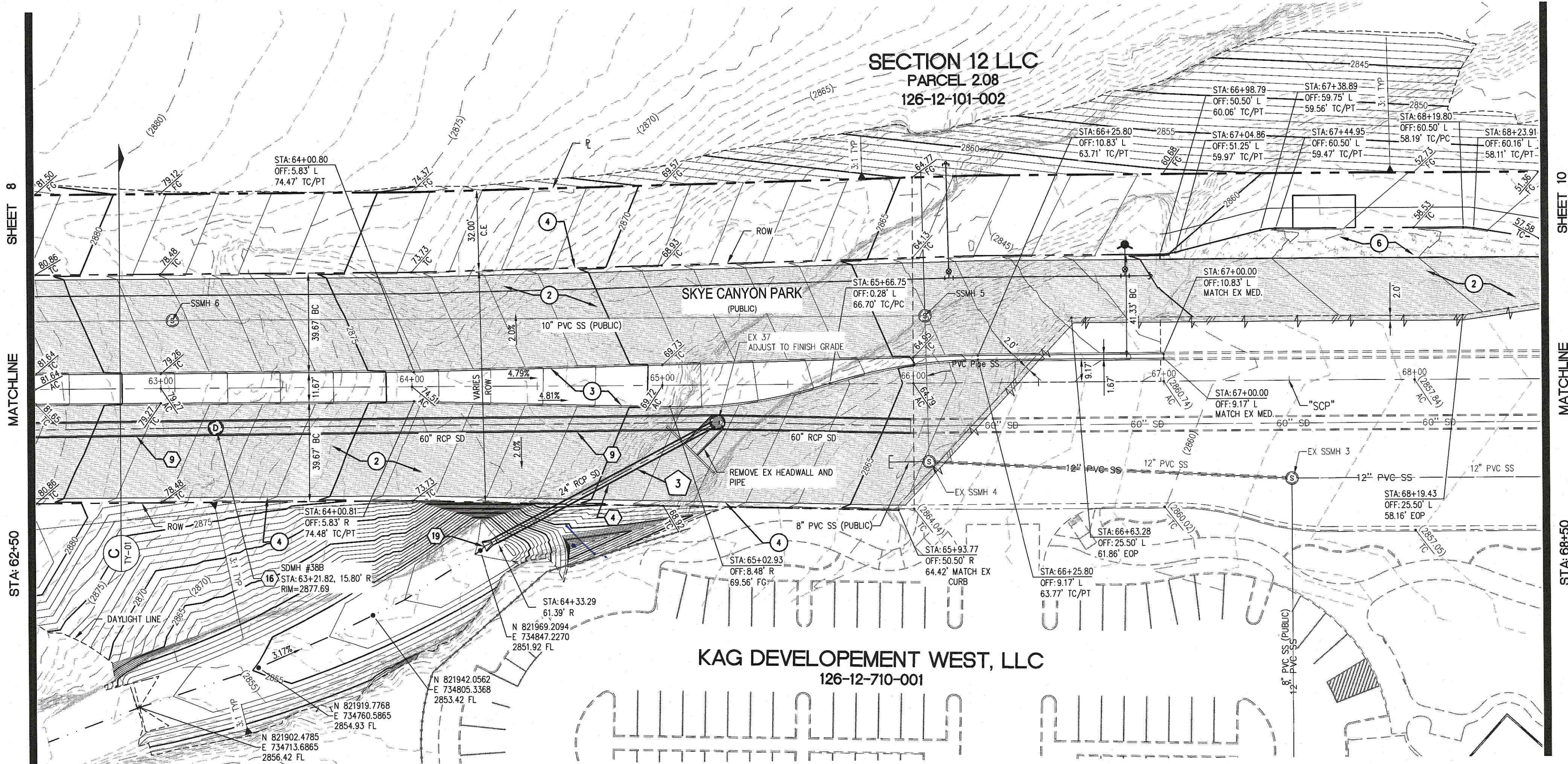
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NINETY-FIVE MANAGEMENT LLC
SKYE CANYON PHASE 3BC
SKYE CANYON PARK
CONSTRUCTION PLAN - "SCP" 56+50 TO "S"

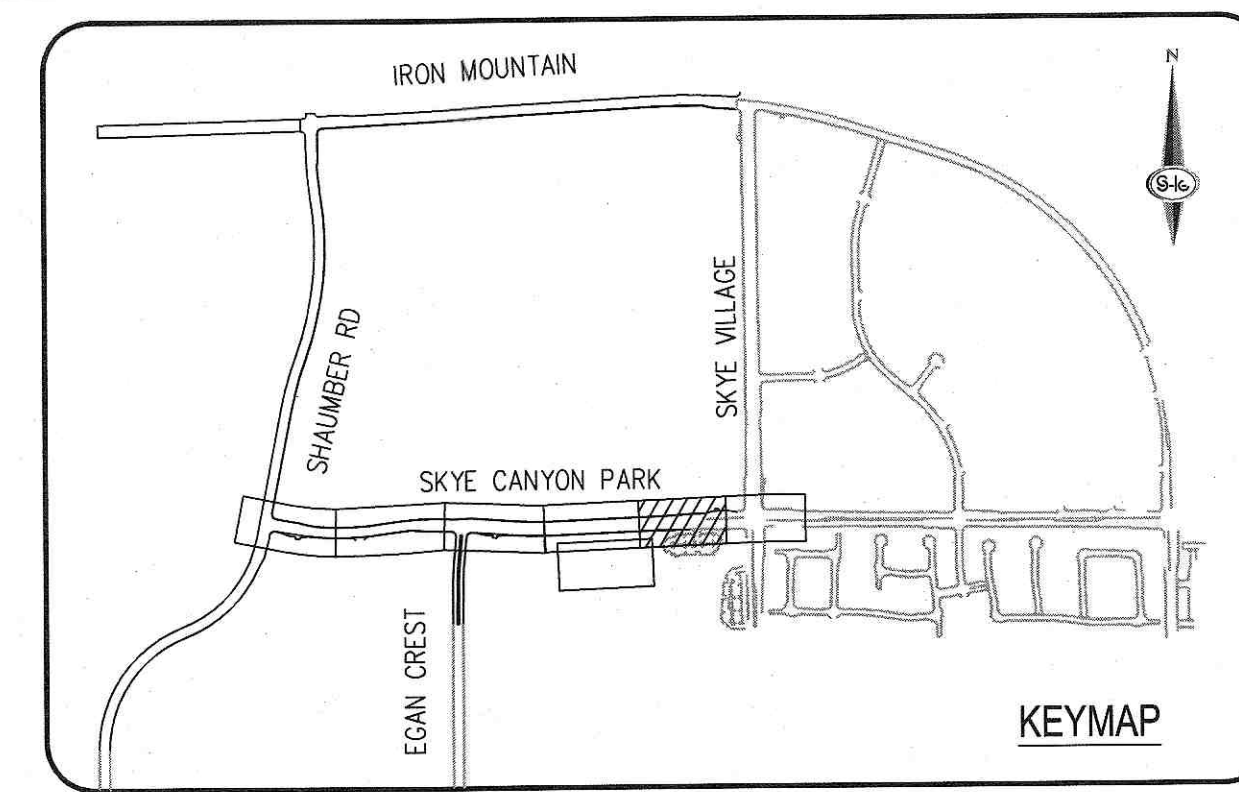
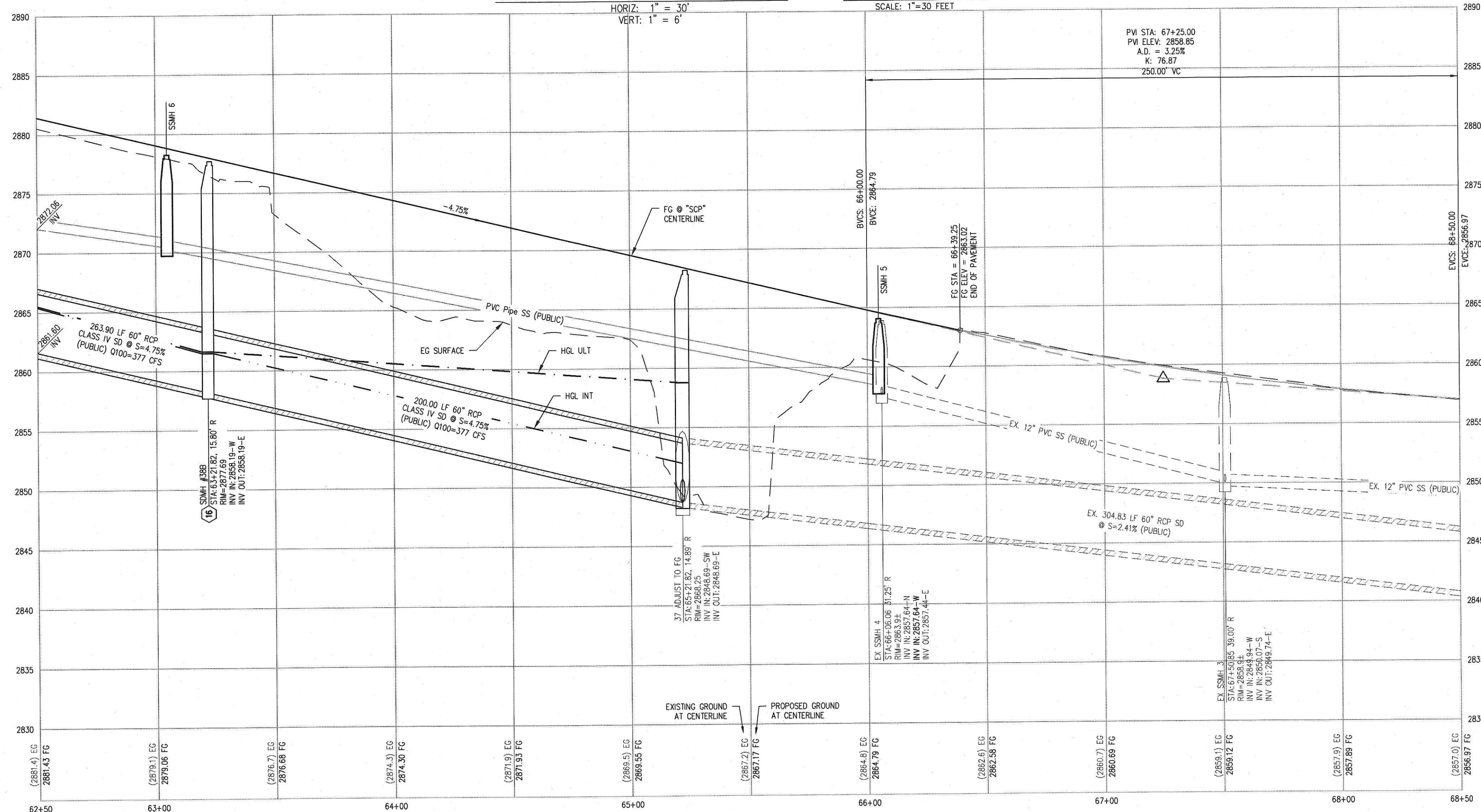
DATE:	2/8/18
DRAFTER:	HF
DESIGNER:	HF
CHECKED:	DY
PROJECT NO.	
OLY1609-000	



PP-04
SHEET 8 OF 17



SKYE CANYON PARK - PROFILE VIEW



- 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 AND DETAIL XX, SHEET XX)
 6. CONSTRUCT BUS TURN-OUT (USDCCA STD. DWG. NO. 234.1)
 7. CONSTRUCT CONCRETE SIDEWALK (USDCCA STD. DWG. 234)

- 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. CONSTRUCT TYPE 4 MANHOLE (NDOT STD. PLAN R-4.3.2)
 17. CONSTRUCT CONCRETE COLLAR (SEE DETAIL 1, DRAWING D-25)
 18. CONSTRUCT INTERIOR BRICK AND MORTAR PLUG PER DETAIL ON 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)
 22. INSTALL INTERIOR RCP TEE OUTLET WITH NEENAH FOUNDRY BEEHIVE R-4350 E (SEE DETAILS SHEETS)

- NOTES**
1. ALL RCP SHALL BE CLASS III UNLESS OTHERWISE SHOWN.
 2. ALL PIPE LENGTHS ARE MEASURED ALONG PIPE CENTERLINE TO CENTER OF MANHOLE OR INSIDE EDGE OF DI OR RCP/RCA.
 3. ALL DROP INLETS SHALL INCLUDE STORM WATER MANAGEMENT STAMP AND DETAIL PER USDCCA 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 TY-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
X STORM DRAIN LATERAL # (SEE LAT SHEETS)

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

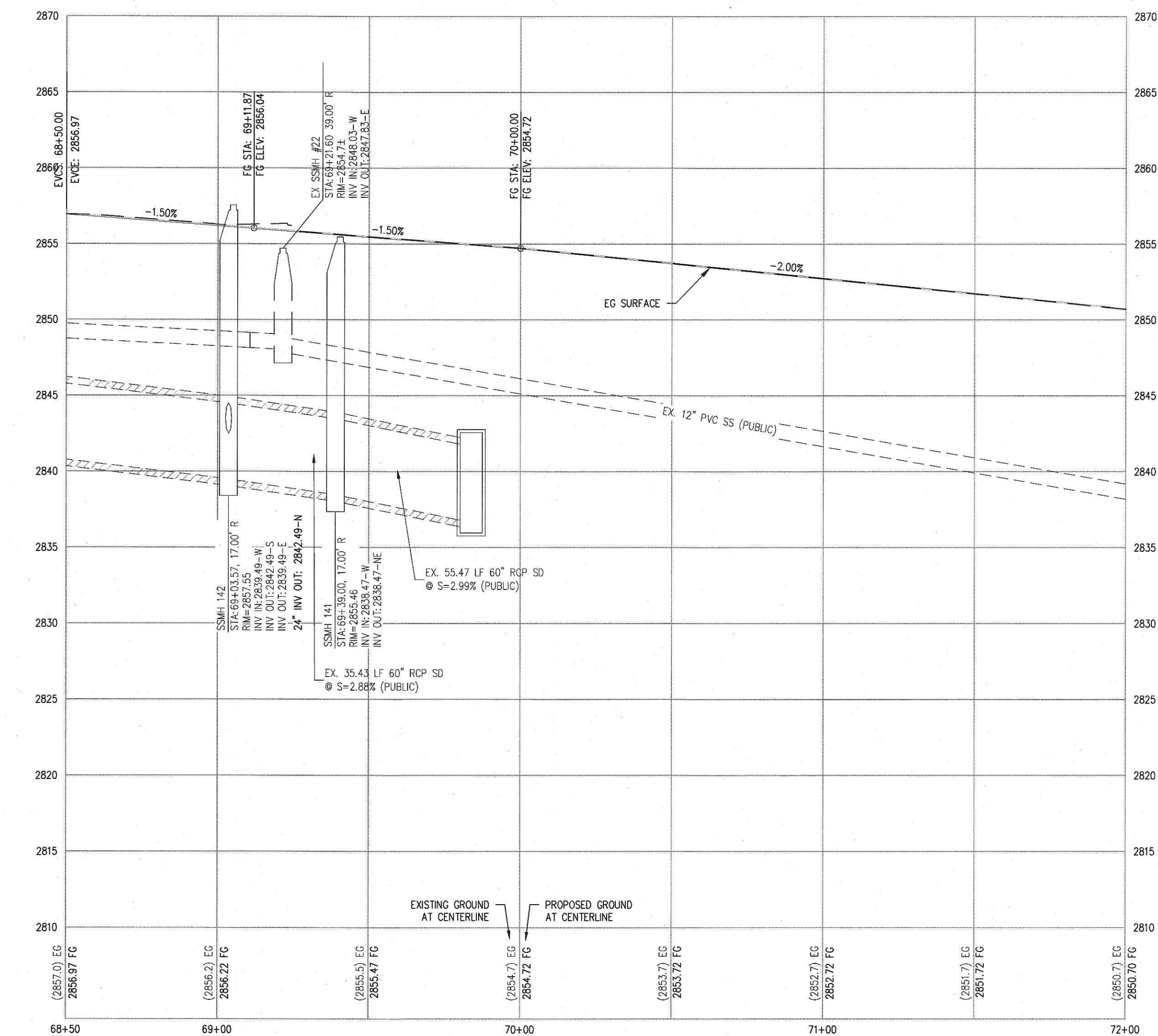
NOTE:
PROPERTY OWNER IS RESPONSIBLE TO MAINTAIN THE BEST MANAGEMENT PRACTICES, SUCH AS BUT NOT LIMITED TO, THE REMOVAL OF ACCUMULATED SEDIMENT AND DEBRIS AND CARE OF VEGETATION.

APPROVED FOR CONSTRUCTION
LVWMD ENGINEERING SERVICES MANAGER DATE
PROJECT NO. XXXXXX

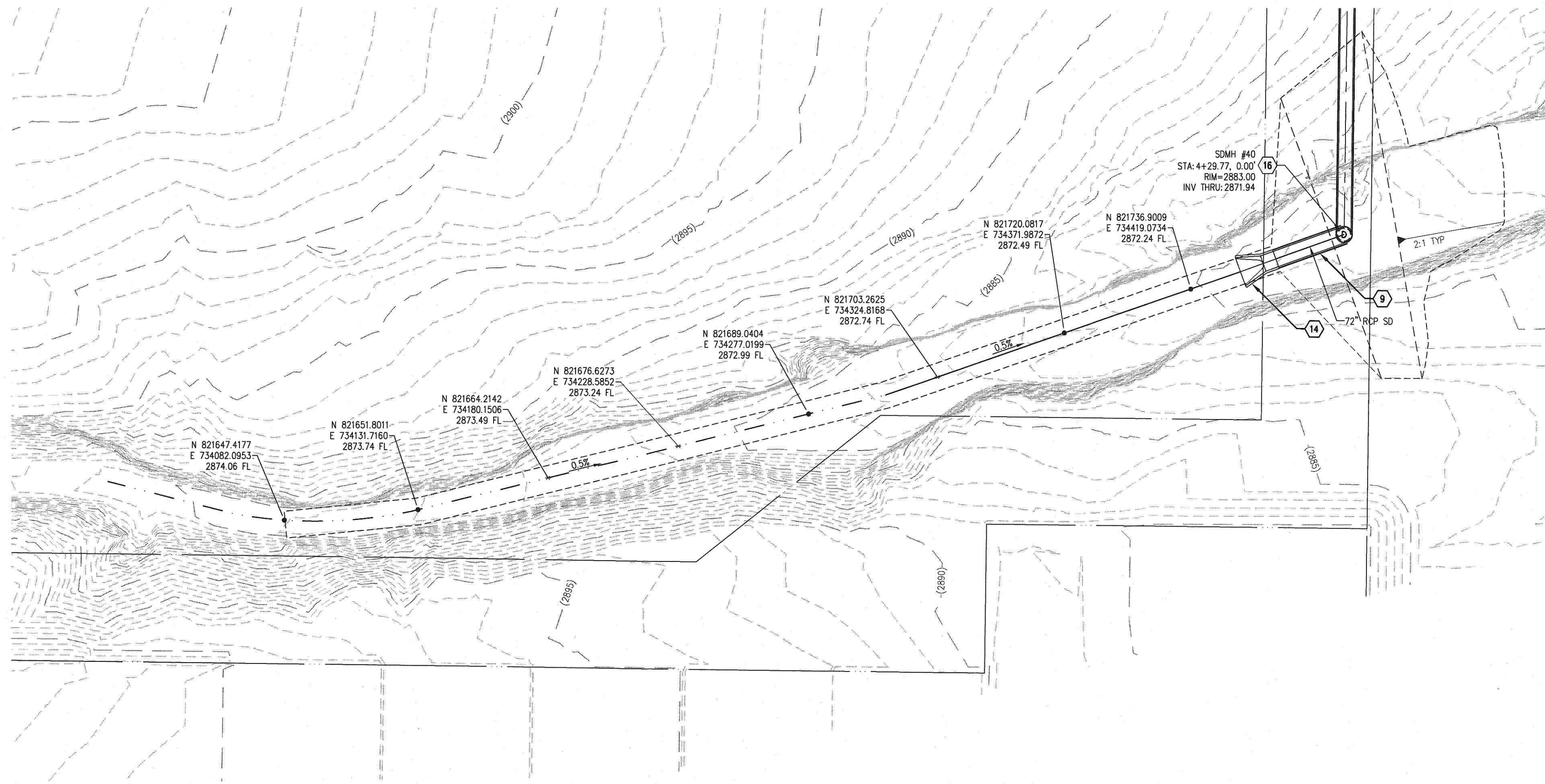
SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NINETY-FIVE MANAGEMENT LLC
SKYE CANYON PHASE 3BC
SKYE CANYON PARK
CONSTRUCTION PLAN - "SCP" 62+50 TO "SCP" 69+50

DATE: 2/8/18
DRAFTER: HF
DESIGNER: HF
CHECKED: DY
PROJECT NO. OLY1609-000
PP-05
SHEET 9 OF 17

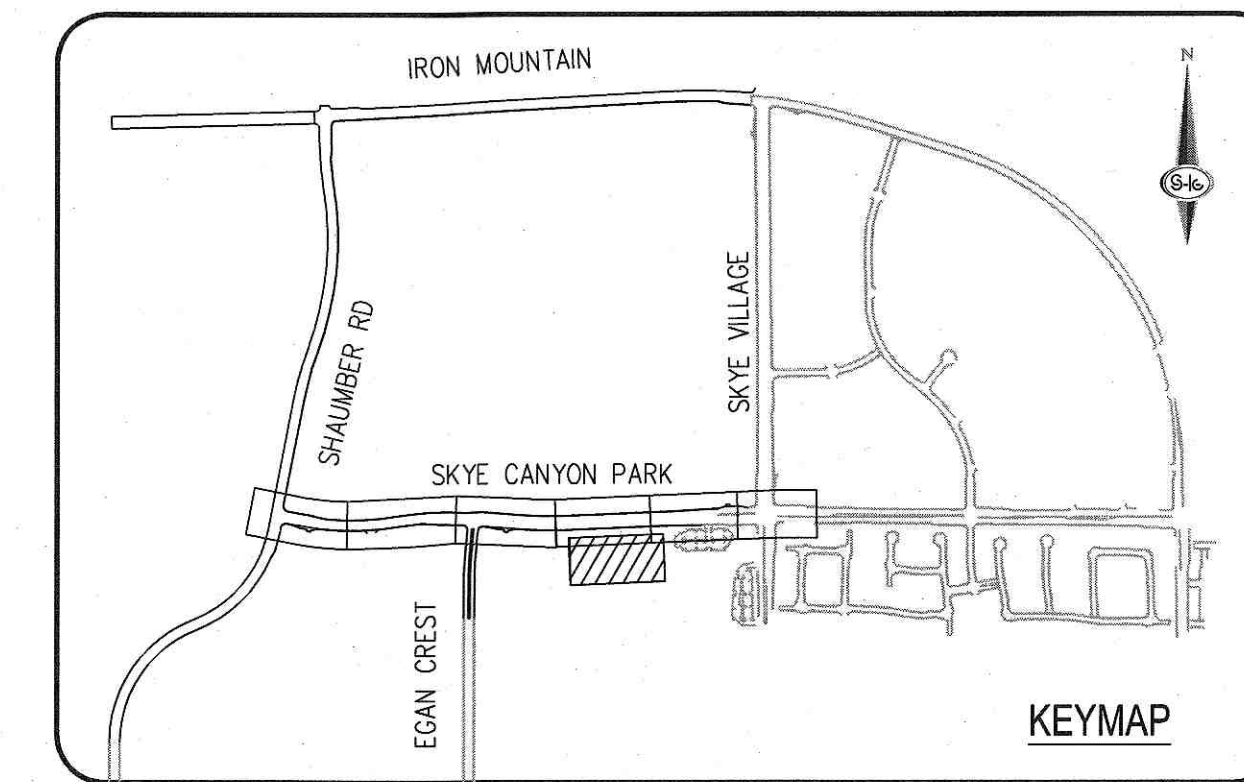
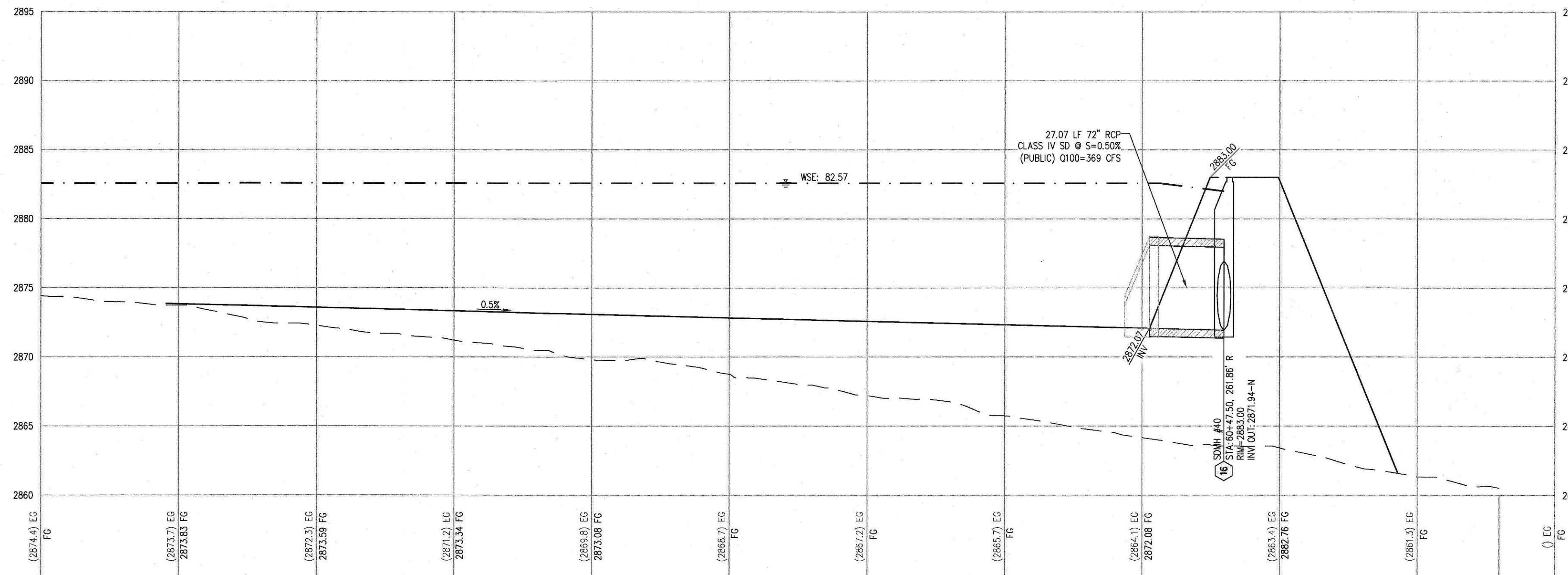


J:\1609-000 SKYE CANYON PHASE 3A 3B 3C\DWG\PROVA-3C-SCVA-1609-000-IMP-SC.DWG 2/8/2018 12:15 PM Jane Gentry



ARROYO GRADING - 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)
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 AND DETAIL XX, SHEET XX)
6. CONSTRUCT BUS TURN-OUT (USDCCA STD. DWG. NO. 234.1)
7. CONSTRUCT CONCRETE SIDEWALK (USDCCA STD. DWG. 234)

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. CONSTRUCT TYPE 4 MANHOLE (NDOT STD. PLAN R-4.3.2)
17. CONSTRUCT CONCRETE COLLAR (SEE DETAIL 1, DRAWING D-25)
18. CONSTRUCT INTERM BRICK AND MORTAR PLUG PER DETAIL ON 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)
22. INSTALL INTERM RCP TEE, OUTLET WITH NEENAH FOUNDRY BEEHIVE R-4350 E (SEE DETAILS SHEETS)

NOTES

1. ALL RCP SHALL BE CLASS III UNLESS OTHERWISE SHOWN.
2. ALL PIPE LENGTHS ARE MEASURED ALONG PIPE CENTERLINE TO CENTER OF MANHOLE OR INSIDE EDGE OF DI OR RCB/RCA.
3. ALL DROP INLETS SHALL INCLUDE STORM WATER MANAGEMENT STAMP AND DETAIL PER USDCCA 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 TY-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 GULB.
OR FLAT STOP (VINYLEK, 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 SURVEY DS-XXXX ON FILE AT THE CITY OF LAS VEGAS FOR THE SUBJECT PROJECT.
DERICK YORO, P.E. 16396 DATE 2/6/18

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

LIVVMD ENGINEERING SERVICES MANAGER
PROJECT NO. XXXXXX

DATE



SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NINETY-FIVE MANAGEMENT LLC

**SKYE CANYON PHASE 3BC
SKYE CANYON PARK
CONSTRUCTION PLAN - 58+50 TO "SR" 64+50**

DATE: 2/8/18

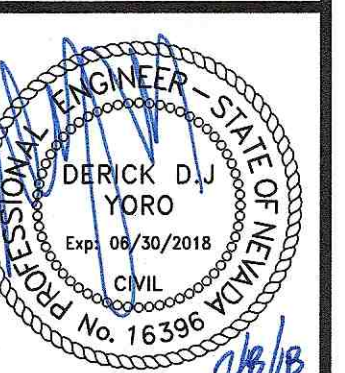
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DESIGNER: HF

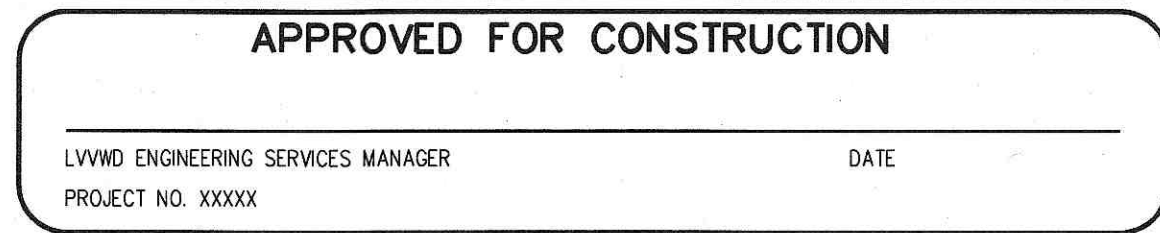
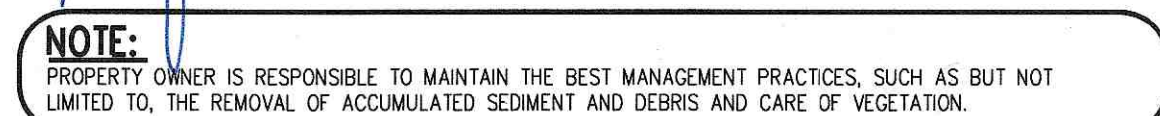
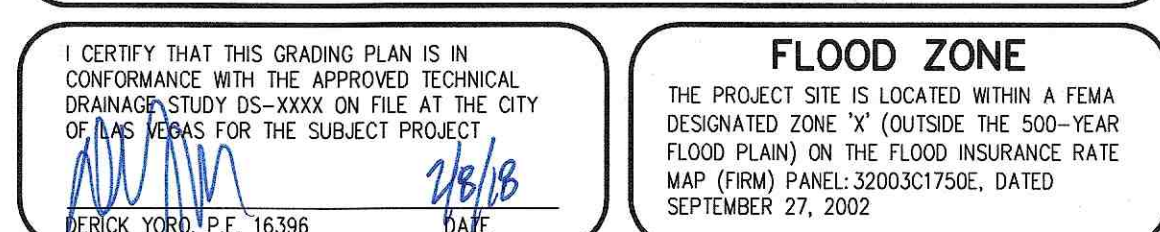
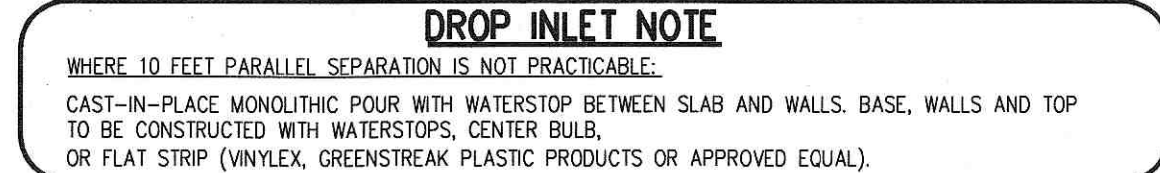
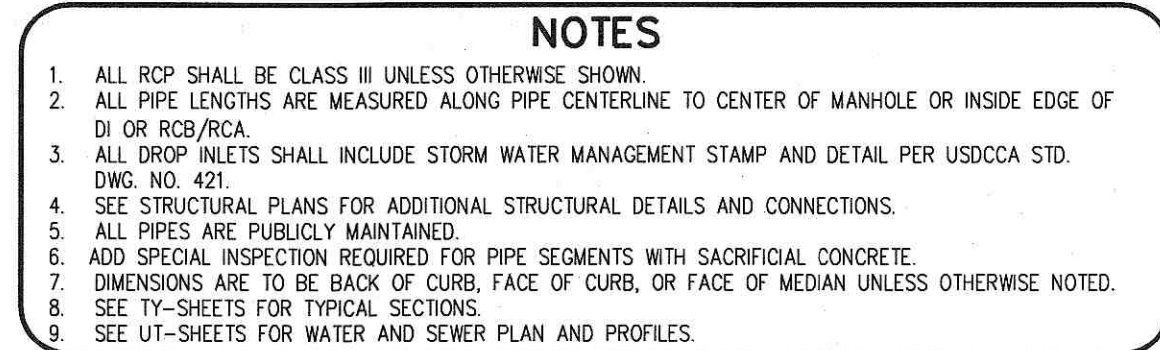
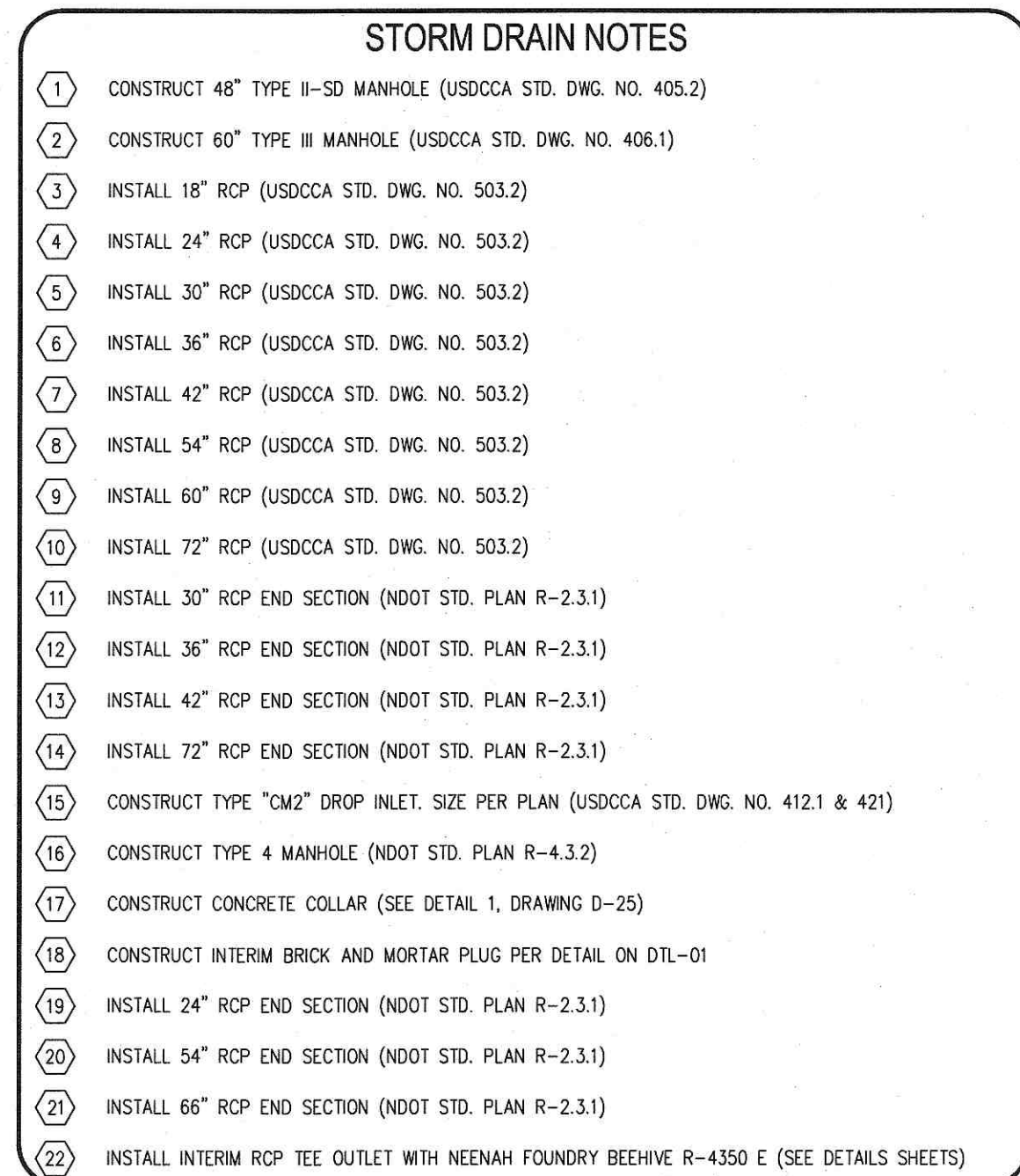
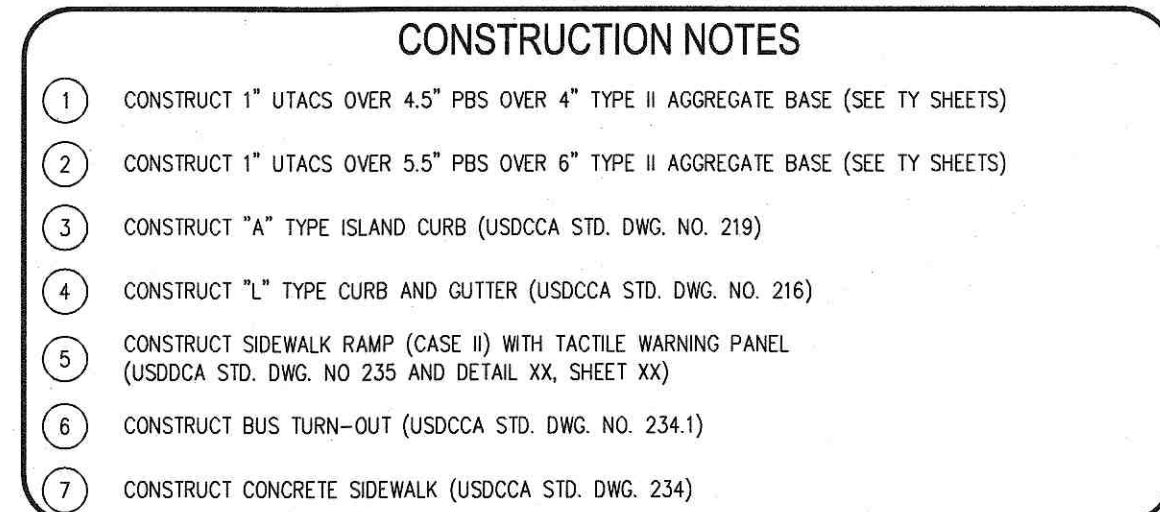
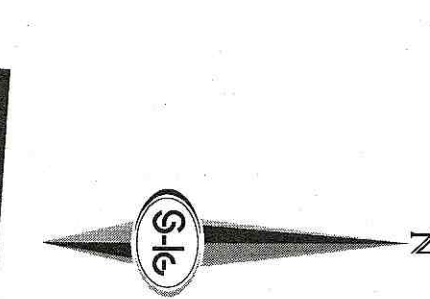
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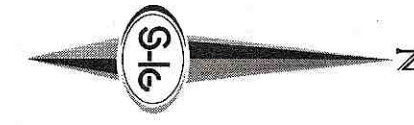
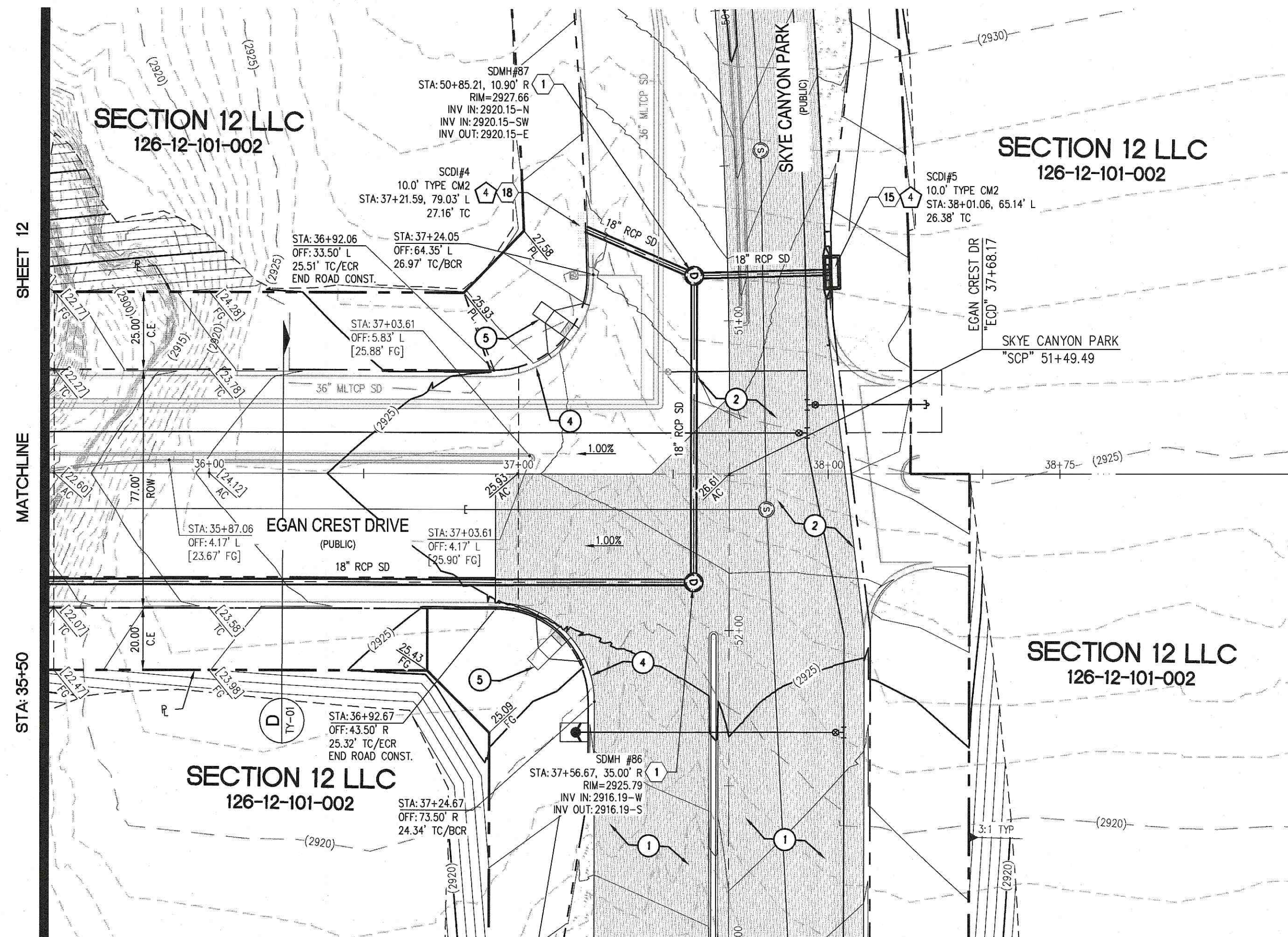
PROJECT NO.

OLY1609-000



PP-07
SHEET 11 OF 17

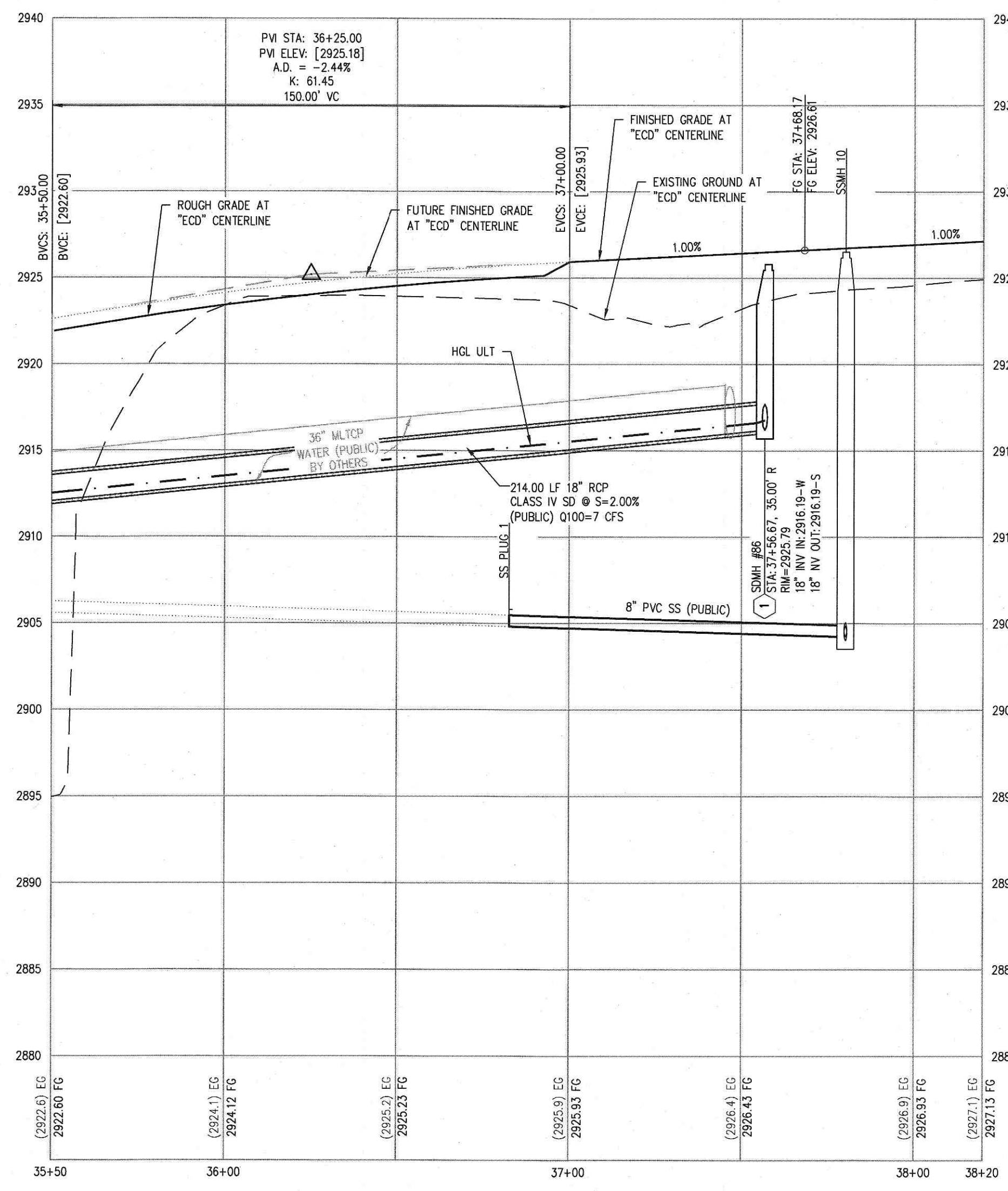
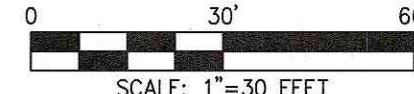




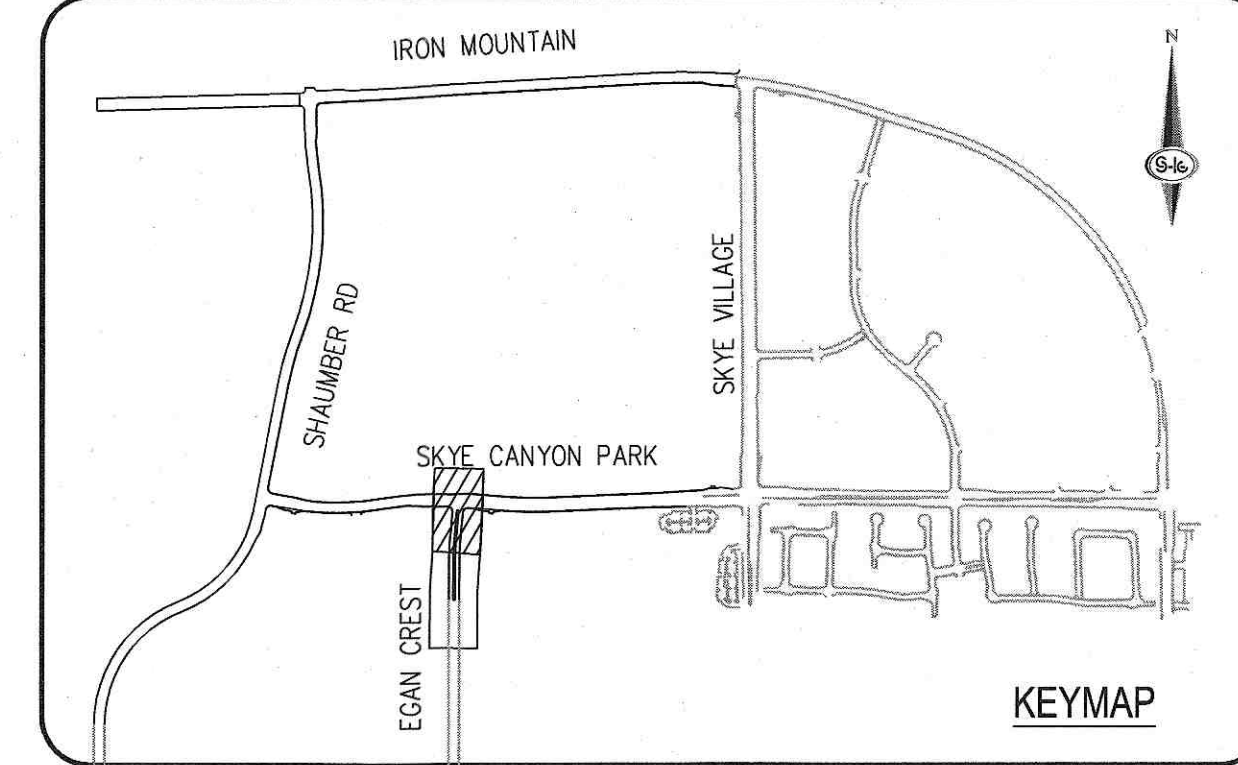
FOR SKYE CANYON PARK
SEE SHTS PP06-PP11

EGAN CREST DR - PROFILE VIEW

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



FOR SKYE CANYON PARK
SEE SHTS PP06-PP11



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 CUTTER (USDCCA STD. DWG. NO. 216)
5. CONSTRUCT SIDEWALK RAMP (CASE II) WITH TACTILE WARNING PANEL (USDCCA STD. DWG. NO. 235 AND DETAIL XX, SHEET XX)
6. CONSTRUCT BUS TURN-OUT (USDCCA STD. DWG. NO. 234.1)
7. CONSTRUCT CONCRETE SIDEWALK (USDCCA STD. DWG. 234)

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. CONSTRUCT TYPE 4 MANHOLE (NDOT STD. PLAN R-4.3.2)
17. CONSTRUCT CONCRETE COLLAR (SEE DETAIL 1, DRAWING D-25)
18. CONSTRUCT INTERIM BRICK AND MORTAR PLUG PER DETAIL ON 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)
22. INSTALL INTERIM RCP TEE OUTLET WITH NEENAH FOUNDRY BEEHIVE R-4350 E (SEE DETAILS SHEETS)

NOTES

1. ALL RCP SHALL BE CLASS III UNLESS OTHERWISE SHOWN.
2. ALL PIPE LENGTHS ARE MEASURED ALONG PIPE CENTERLINE TO CENTER OF MANHOLE OR INSIDE EDGE OF DI OR RCB/RCA.
3. ALL DROP INLETS SHALL INCLUDE STORM WATER MANAGEMENT STAMP AND DETAIL PER USDCCA 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 TY-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 POLY 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

X STORM DRAIN LATERAL # (SEE LAT SHEETS)

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED TECHNICAL DRAWING STUDY DS-XXXX ON FILE AT THE CITY OF LAS VEGAS FOR THE SUBJECT PROJECT
DERICK YORO, P.E. 16396 DATE 2/8/18

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

LYVVO ENGINEERING SERVICES MANAGER
PROJECT NO. XXXXXX

DATE



DATE: 2/8/18

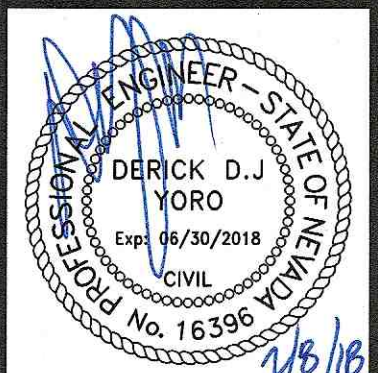
DRAFTER: HF

DESIGNER: HF

CHECKED: DY

PROJECT NO.

OLY1609-000



PP-09
SHEET 13 OF 17

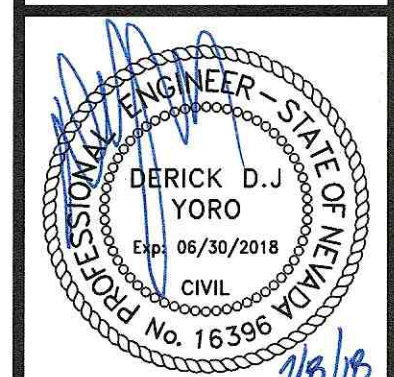
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NINETY-FIVE MANAGEMENT LLC

SKYE CANYON PHASE 3BC
EGAN CREST DRIVE
STORM DRAIN LATERALS I

DATE:	2/8/18
DRAFTER:	HF
DESIGNER:	HF
CHECKED:	DY

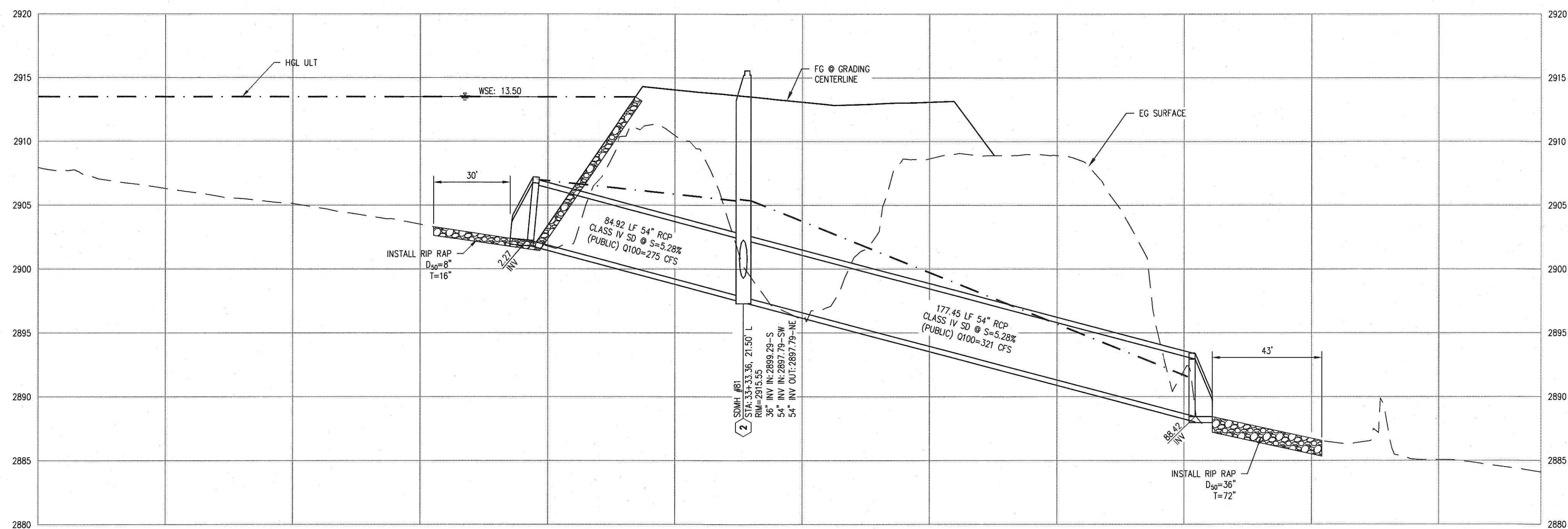
PROJECT NO.
OLY1609-000



LAT-01
SHEET 14 OF 17

1

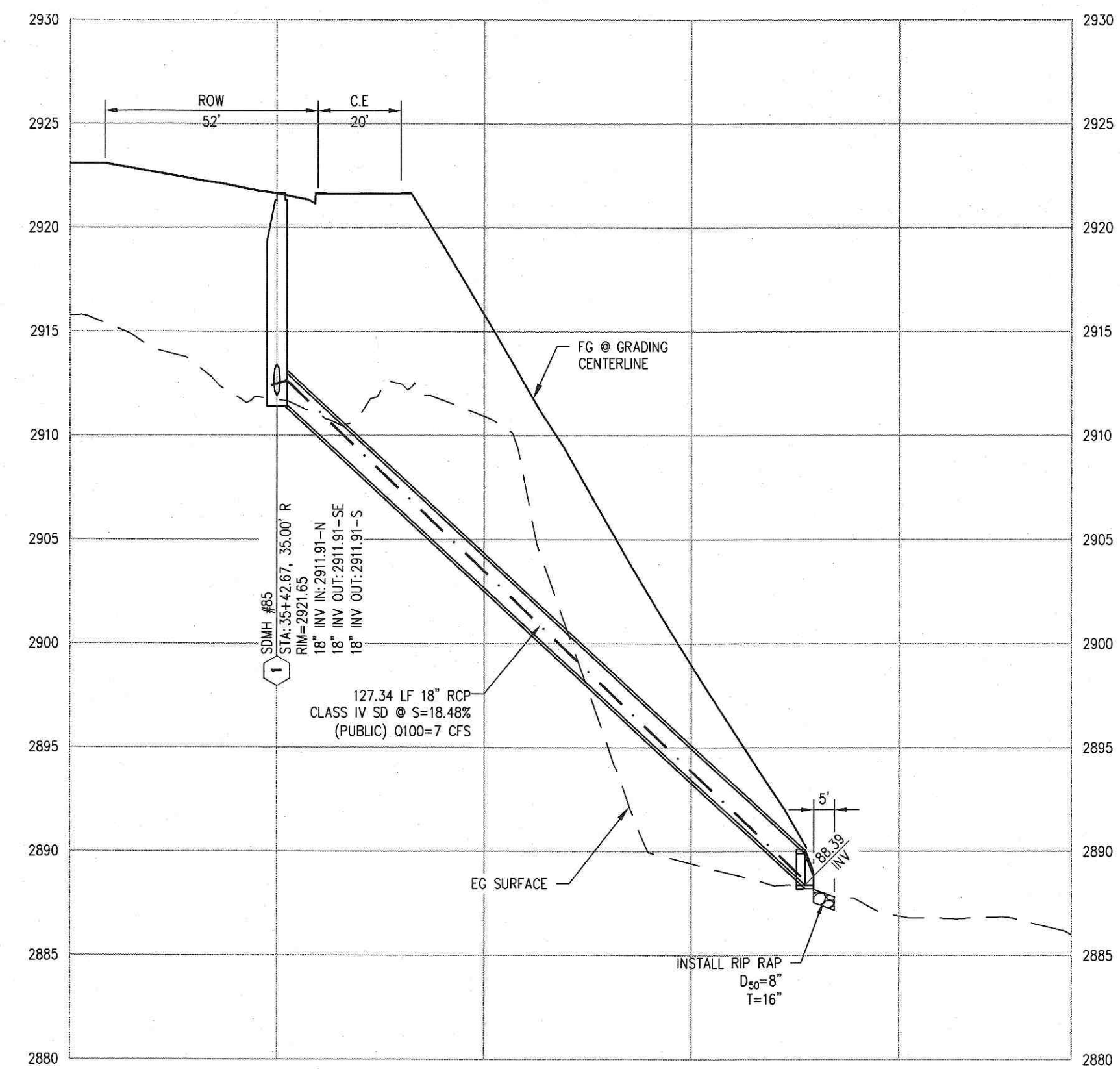
J:\OLY1609-000 SKYE CANYON PHASE 3A 3B 3C\DWG\IMPROV\3B-3C\3C\1609-000-14.DWG 2/8/2018 12:16 PM Jane Gentry



EGAN CREST DR
STORM DRAIN @ 33+33.36

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

7



EGAN CREST DR
STORM DRAIN @ 35+45.67

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

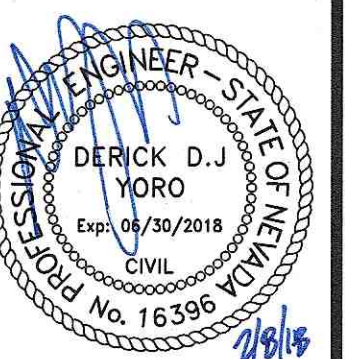
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NO.	DESCRIPTION	DATE	BY	APP

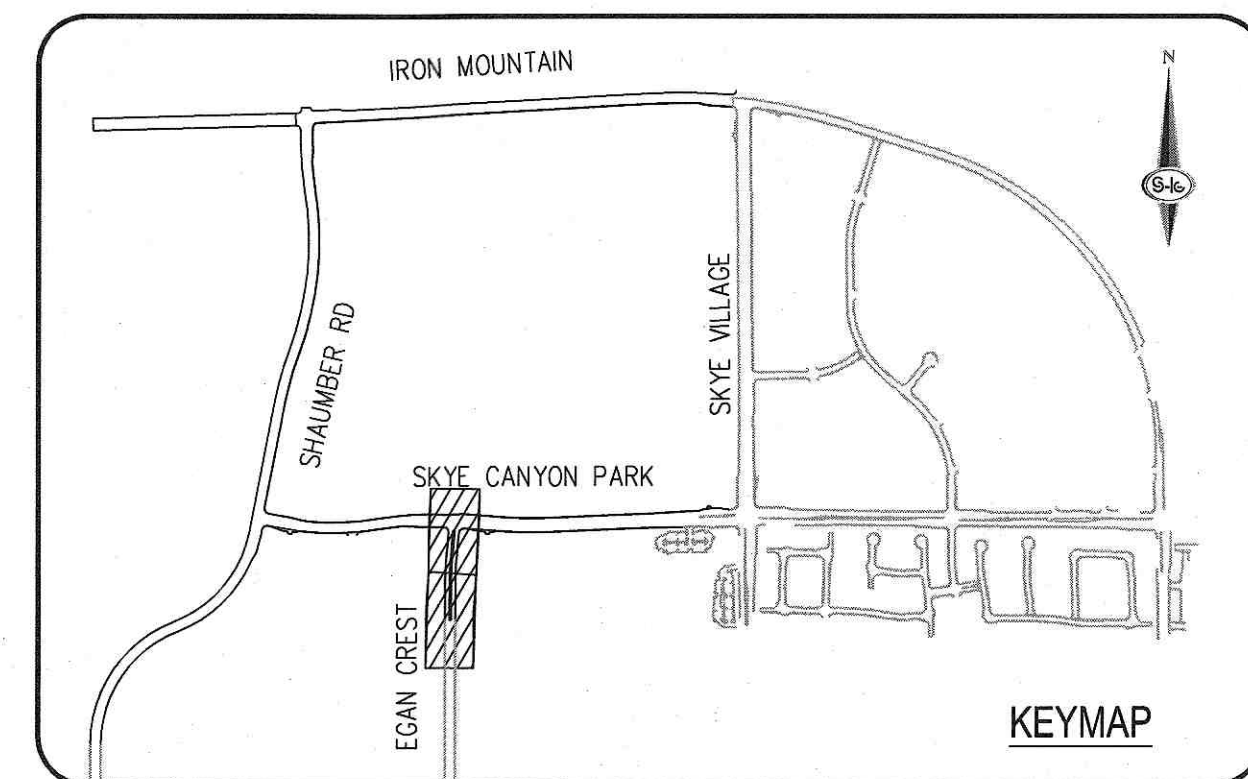
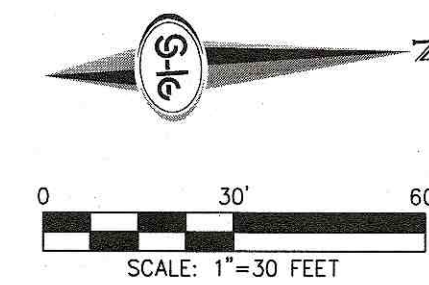
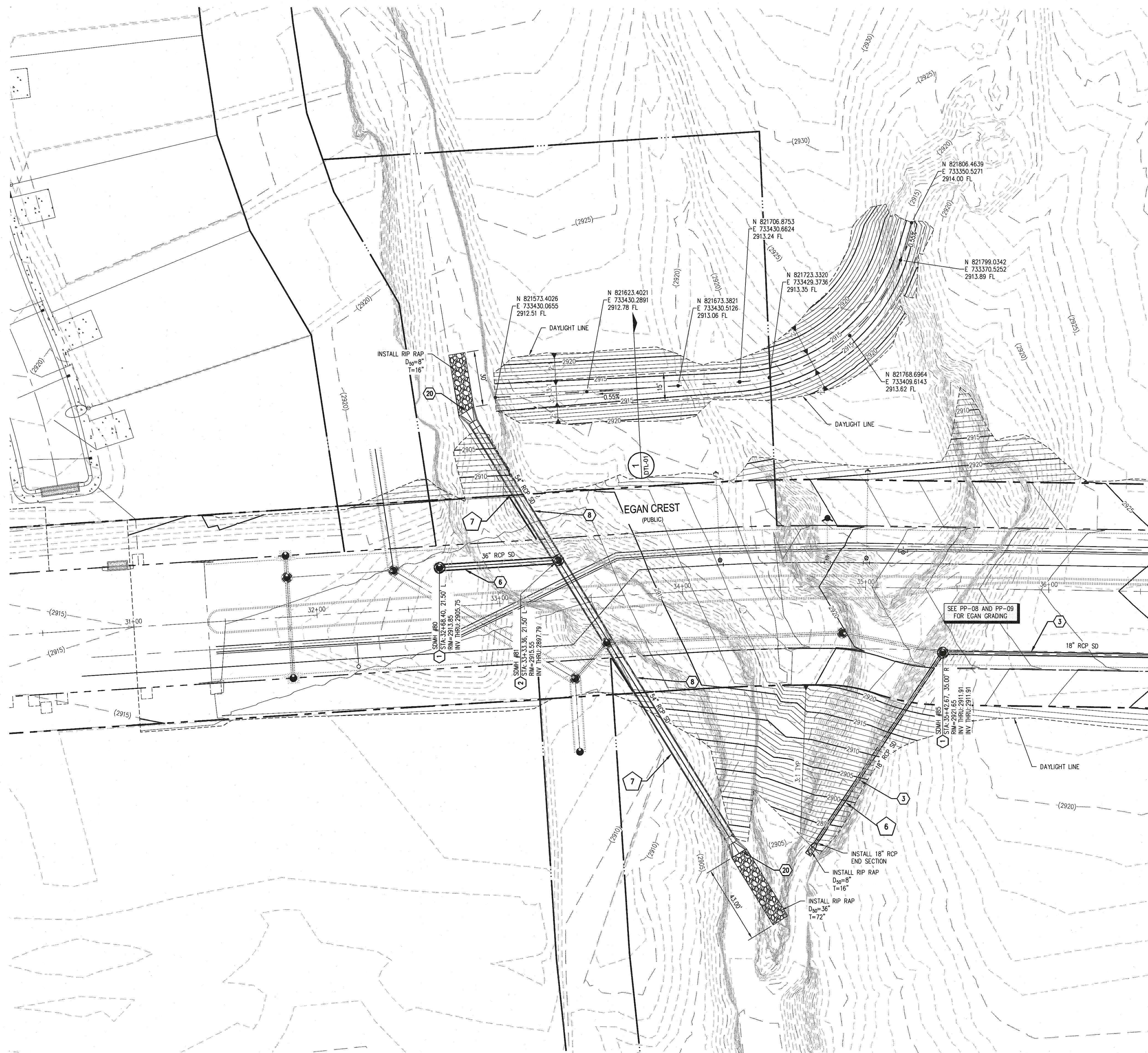
NINETY-FIVE MANAGEMENT LLC
SKYE CANYON PHASE 3BC
EGAN CREST DRIVE
STORM DRAIN LATERALS LL

DATE: 2/8/18
DRAFTER: HF
DESIGNER: HF
CHECKED: DY

PROJECT NO.
OLY1609-000



LAT-02
SHEET 15 OF 17



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 (USODCA STD. DWG. NO. 219)
- ④ CONSTRUCT "L" TYPE CURB AND GUTTER (USODCA STD. DWG. NO. 216)
- ⑤ CONSTRUCT SIDEWALK RAMP (CASE 1) WITH TACTILE WARNING PANEL (USODCA STD. DWG. NO. 235 AND DETAIL XX, SHEET XX)
- ⑥ CONSTRUCT BUS TURN-OUT (USODCA STD. DWG. NO. 234.1)
- ⑦ CONSTRUCT CONCRETE SIDEWALK (USODCA STD. DWG. 234)

STORM DRAIN NOTES

- 1 CONSTRUCT 48" TYPE II-SO 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 CONSTRUCT TYPE 4 MANHOLE (NDOT STD. PLAN R-4.3.2)
- 17 CONSTRUCT CONCRETE COLLAR (SEE DETAIL 1, DRAWING D-25)
- 18 CONSTRUCT INTERIM BRICK AND MORTAR PLUG PER DETAIL ON 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)
- 22 INSTALL INTERIM RCP TEE OUTLET WITH NENAH FOUNDRY BEEHIVE R-4350 E (SEE DETAILS SHEETS)

NOTES

1. ALL ROP SHALL BE CLASS III UNLESS OTHERWISE SHOWN.
2. ALL PIPE LENGTHS ARE MEASURED ALONG PIPE CENTERLINE TO CENTER OF MANHOLE OR INSIDE EDGE OF ID OR R/C R/S.
3. ALL DROG SHEETS SHALL INCLUDE STORAGE 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-Y-SHEETS FOR TYPICAL SECTION.
9. SEE U-T-SHEETS FOR WATER AND SEWER PLAN AND PROFILES.

DROP INLET NOTE

WHERE 10 FEET PARALLEL SEPARATION IS NOT PRACTICABLE:
CAST-IN-PLACE MONOLITHIC POOR 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-XXXX ON FILE AT THE CITY OF LAS VEGAS FOR THE SUBJECT PROJECT

 2/8/18

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. XXXXX

DATE _____



S-I-G
SLATER
HANIFAN
GROUP
CONSULTING ENGINEERS & PLANNERS
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
EGAN CREST
GRADING SHEET I**

DATE: 2/8/18

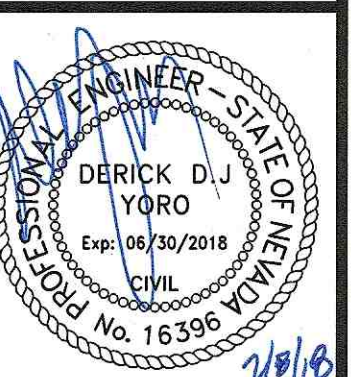
RAFTER: HF

DESIGNER: HF

CHECKED: DY

PROJECT NO.

OLY1609-000



GR-01

SHEET 16 OF 17



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 5 INCHES CENTER TO CENTER. CIRCULAR TIES SHALL HAVE A DIAMETER 5 INCHES GREATER THAN THE OUTSIDE DIAMETER OF THE LARGER PIPE.

CONCRETE COLLAR
NOT TO SCALE

