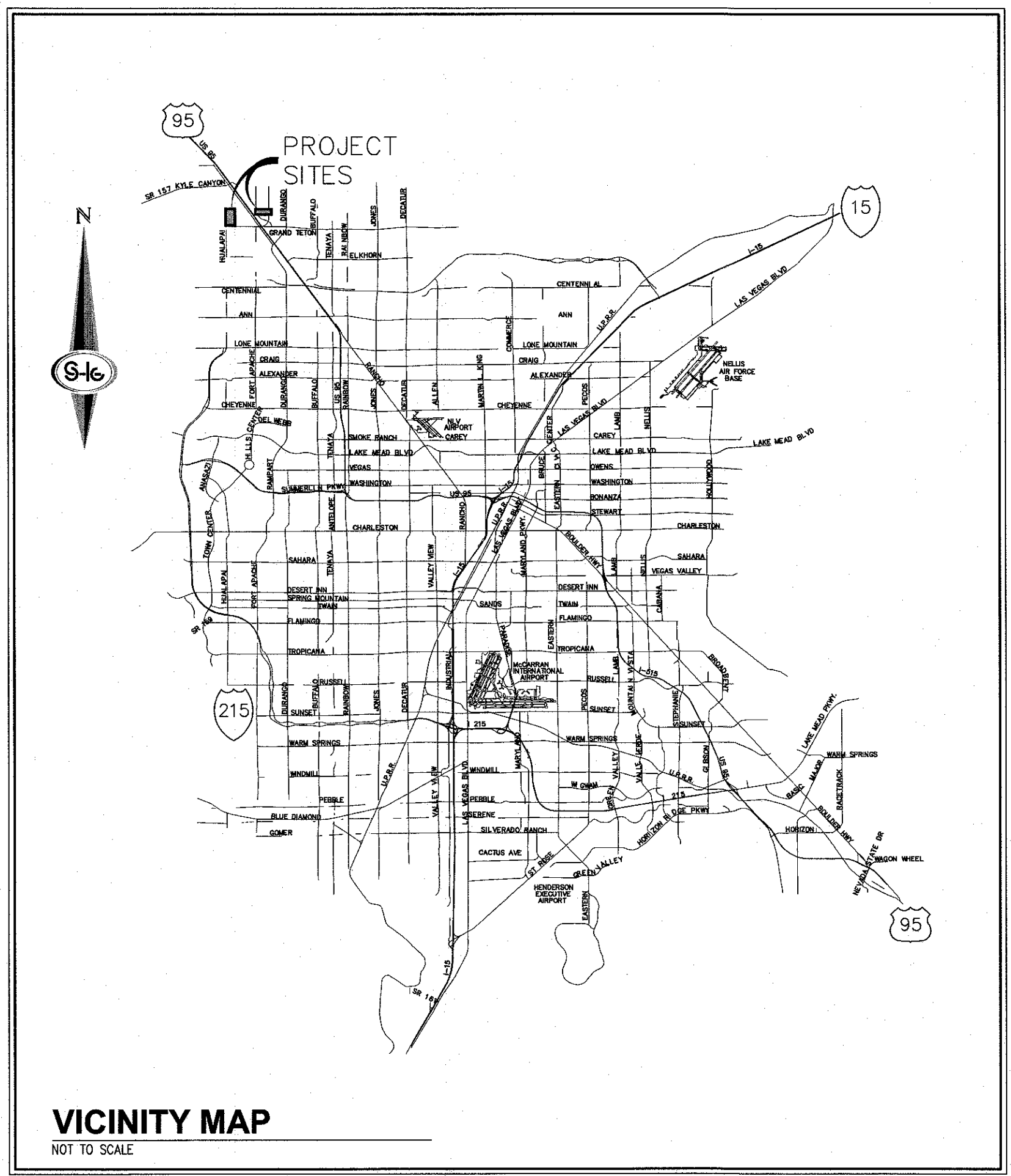


SKYE CANYON DETENTION BASIN 1

APNS: 126-12-000-001,
126-11-000-001, 125-07-602-005,
& 125-07-602-001



Sheet List Table		
NO.	SHEET	TITLE
1	C-1	COVER SHEET
2	C-2	NOTES SHEET
3	C-3	PERFORMANCE CURVES
4	C-4	DRAINAGE WATERSHED MAP
5	HC-1	HORIZONTAL CONTROL PLAN I
6	HC-2	HORIZONTAL CONTROL PLAN II
7	HC-3	HORIZONTAL CONTROL PLAN III
8	HC-4	HORIZONTAL CONTROL PLAN IV
9	OGD	OVERALL GRADING PLAN
10	G-1	GRADING PLAN I
11	G-2	GRADING PLAN II
12	G-3	GRADING PLAN III
13	G-4	GRADING PLAN IV
14	G-5	GRADING PLAN V
15	D-1	DETAIL SHEET I
16	D-2	DETAIL SHEET II
17	D-3	DETAIL SHEET III
18	D-4	DETAIL SHEET IV
19	D-5	DETAIL SHEET V
20	D-6	DETAIL SHEET VI
21	D-7	DETAIL SHEET VII
22	D-8	DETAIL SHEET VIII
23	CH-1	INFLOW CHANNEL - PLAN AND PROFILE I
24	CH-2	INFLOW CHANNEL - PLAN AND PROFILE II
25	P-1	ACCESS ROAD - PLAN AND PROFILE I
26	P-2	ACCESS ROAD - PLAN AND PROFILE II
27	P-3	ACCESS ROAD - PLAN AND PROFILE III
28	P-4	ACCESS ROAD - PLAN AND PROFILE IV
29	P-5	ACCESS ROAD - PLAN AND PROFILE V
30	P-6	ACCESS ROAD - PLAN AND PROFILE VI
31	P-7	ACCESS ROAD - PLAN AND PROFILE VII
32	P-8	ACCESS ROAD - PLAN AND PROFILE VIII
33	PP-1	OUTLET STORM DRAIN - PLAN AND PROFILE I
34	PP-2	OUTLET STORM DRAIN - PLAN AND PROFILE II
35	S-1	GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS
36	S-2	TYPICAL CONCRETE CHANNEL NOTES-DETAILS
37	S-3	TYPICAL TRAPEZOIDAL CHANNEL SECTION AND SCHEDULE
38	S-4	ENLARGED STRUCTURAL PLAN VIEW - CONCRETE CHANNEL
39	S-5	CHUTE-BAFFLE BLOCK STILLING BASIN
40	S-6	STRUCTURAL SECTION DETAILS
41	S-7	DETENTION BASIN OUTLET PLAN
42	S-8	DETENTION BASIN DETAILS I
43	S-9	DETENTION BASIN OUTLET DETAILS II
44	SD-1	BRENT LANE STORM DRAIN GRADING PLAN I
45	SD-2	BRENT LANE STORM DRAIN GRADING PLAN II
46	SD-3	BRENT LANE STORM DRAIN PLAN & PROFILE I
47	SD-4	BRENT LANE STORM DRAIN PLAN & PROFILE II
48	SD-5	BRENT LANE STORM DRAIN PLAN & PROFILE III
49	SD-6	BRENT LANE STORM DRAIN DETAIL SHEET

OWNER
SECTION 12, LLC/EAST OF 95 LLC
C/O OLYMPIA COMPANIES, LLC
11411 SOUTHERN HIGHLANDS PKWY, SUITE 300
LAS VEGAS, NV 89141

DEVELOPER
NINETY-FIVE MANAGEMENT, LLC
C/O OLYMPIA COMPANIES, LLC
11411 SOUTHERN HIGHLANDS PKWY, SUITE 300
LAS VEGAS, NV 89141
(702) 220-6565
(702) 220-6566 FAX

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

FLOOD ZONE:
THIS SITE LIES WITHIN ZONE "X" DETERMINED TO BE OUTSIDE OF THE 500 YEAR FLOODPLAIN (0.2% ANNUAL CHANCE FLOOD) AS DEPICTED ON FIRM MAP PANEL NUMBER 32003C1755E & 32003C1750E, DATED SEPTEMBER 27, 2002.

***NOTE:**
IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATION AND ELEVATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.

BENCHMARK
USDA BRASS CAP ON AN IRON PIPE, 140' SOUTHWEST OF TELEPHONE POLE #26994T, SOUTHWEST CORNER OF THE U.S. 95/KYLE CANYON TURNOFF.
ELEVATION = 2817.62 FEET, 858.813 METERS
N.A.S.D. 88 DATUM
PER THE CLARK COUNTY VERTICAL CONTROL LAST REVISED 2003

BASIS OF BEARING
SOUTH 00°08'59" WEST, BEING THE BEARING OF THE EAST LINE OF THE SOUTHEAST QUARTER (SE1/4) OF SECTION 12, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF IN BOOK 147, PAGE 71 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA.

APPROVALS:

CITY OF LAS VEGAS - CITY ENGINEER _____ 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, DIRECTOR - BUILDING AND SAFETY _____ DATE _____
THIS PLAN SET MEETS THE APPLICABLE STANDARDS OF THE PLANNING DEPARTMENT.

CITY OF LAS VEGAS - FIRE & 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 COMPANY D/B/A CENTURYLINK _____ DATE _____
THE AFFIXED 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.

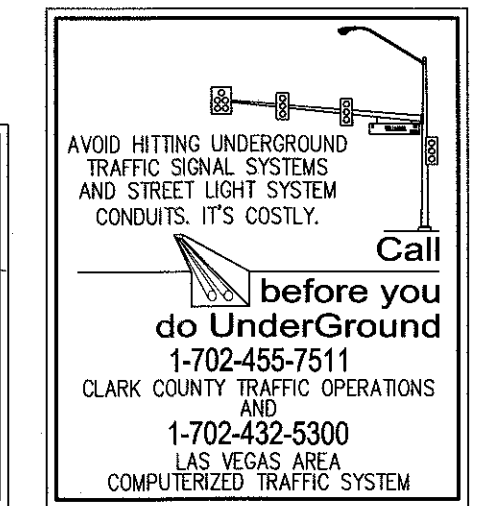
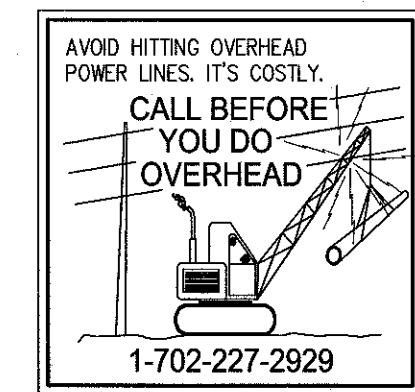
APPROVED FOR CONSTRUCTION _____ DATE _____

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER _____ DATE _____
PROJECT: 124490
SHEETS: C-1, C-2, C-4, OGD, G-1 THRU G-5, P-1 & P-2, SD-1 THRU SD-5

SOUTHWEST GAS _____ DATE _____

COX COMMUNICATIONS LAS VEGAS, INC. _____ DATE _____

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



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

CITY OF LAS VEGAS

NINETY-FIVE MANAGEMENT LLC

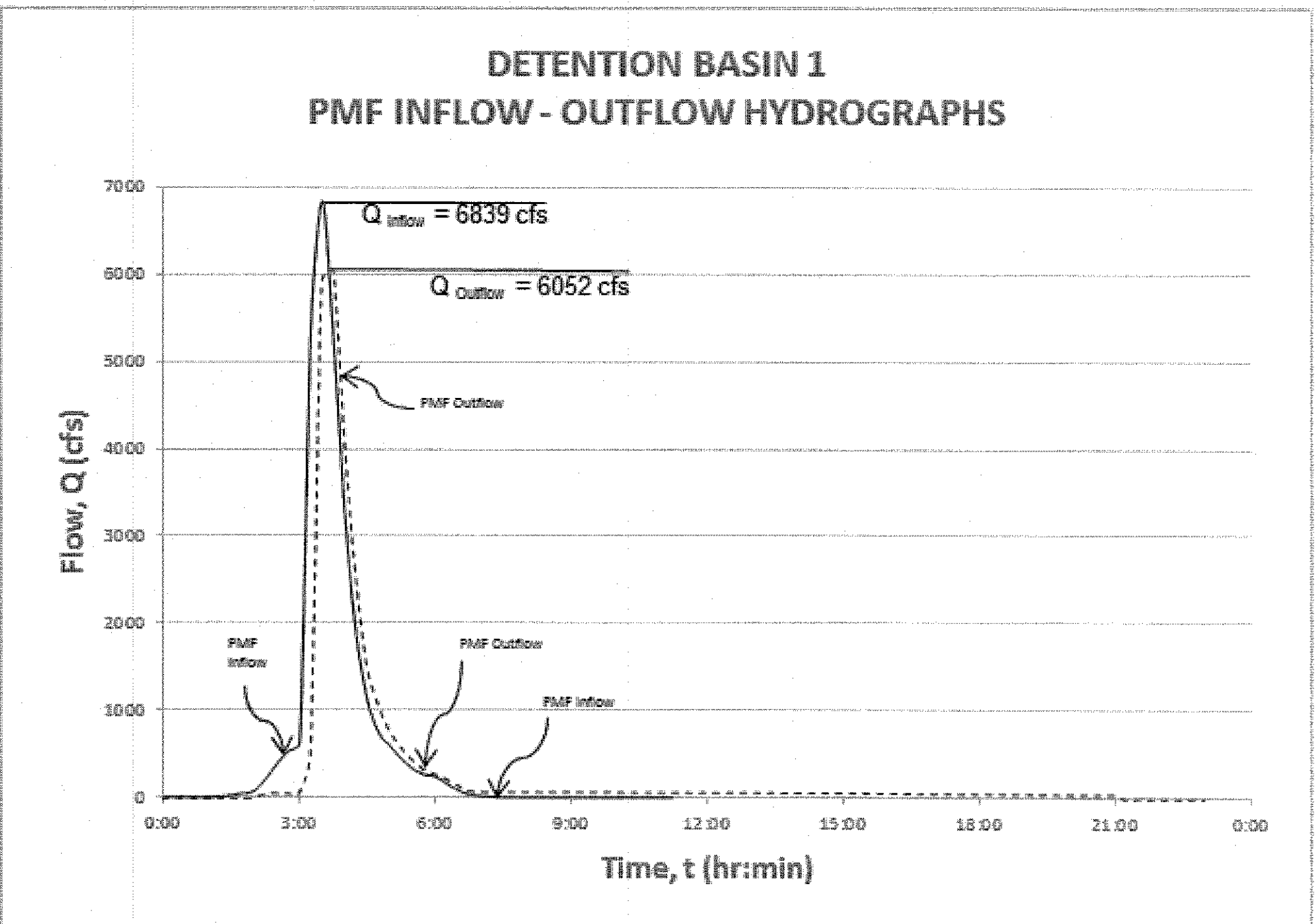
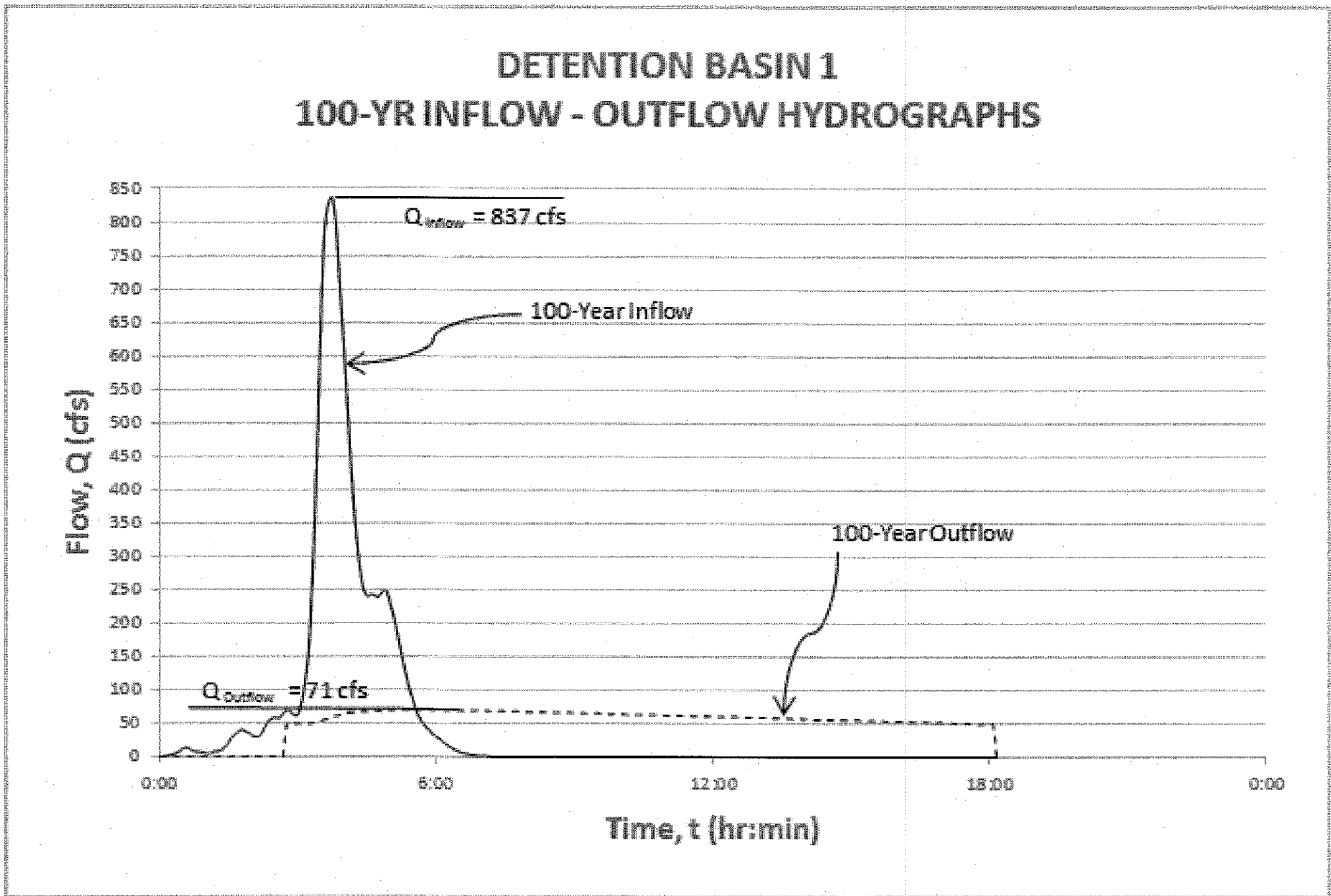
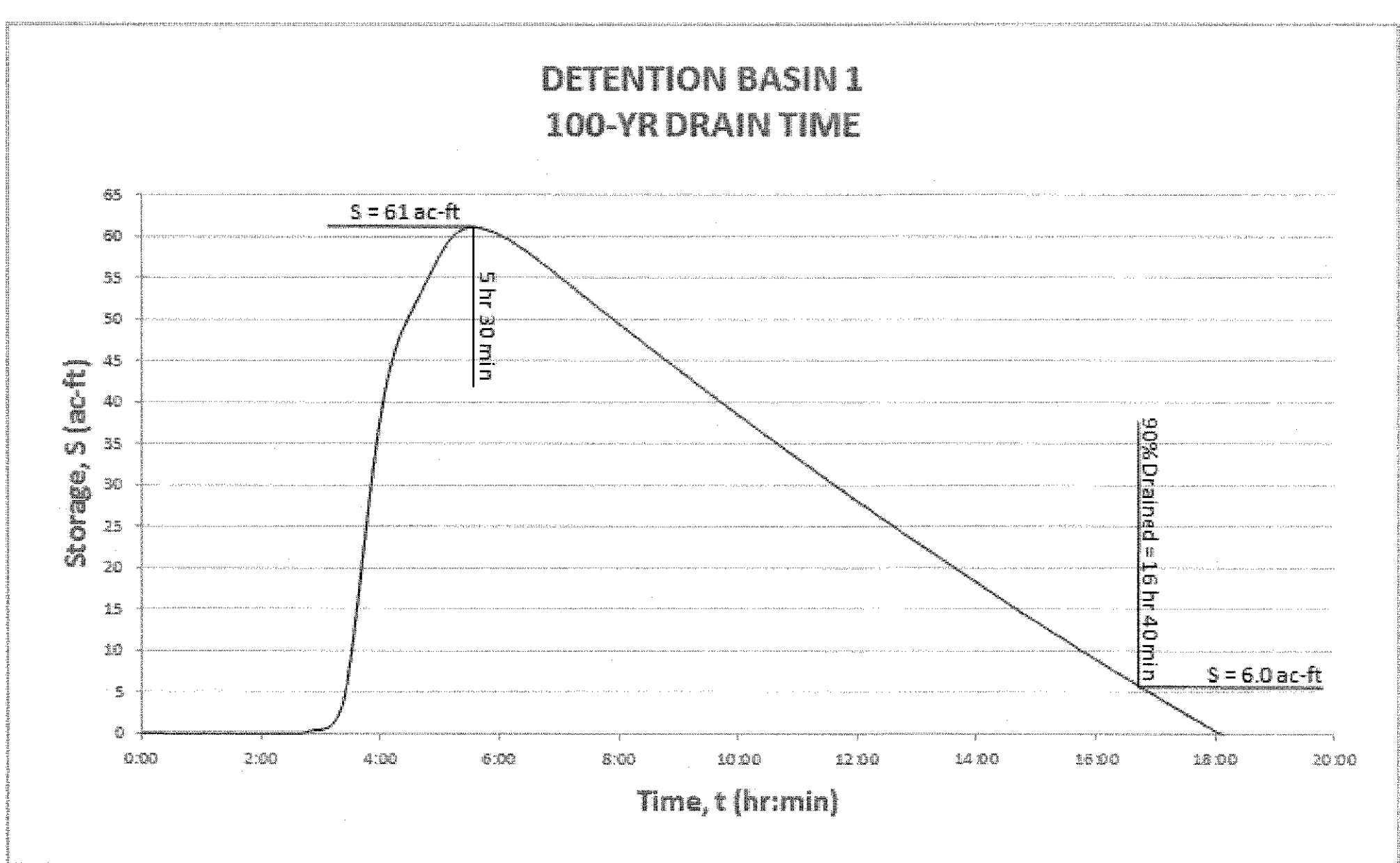
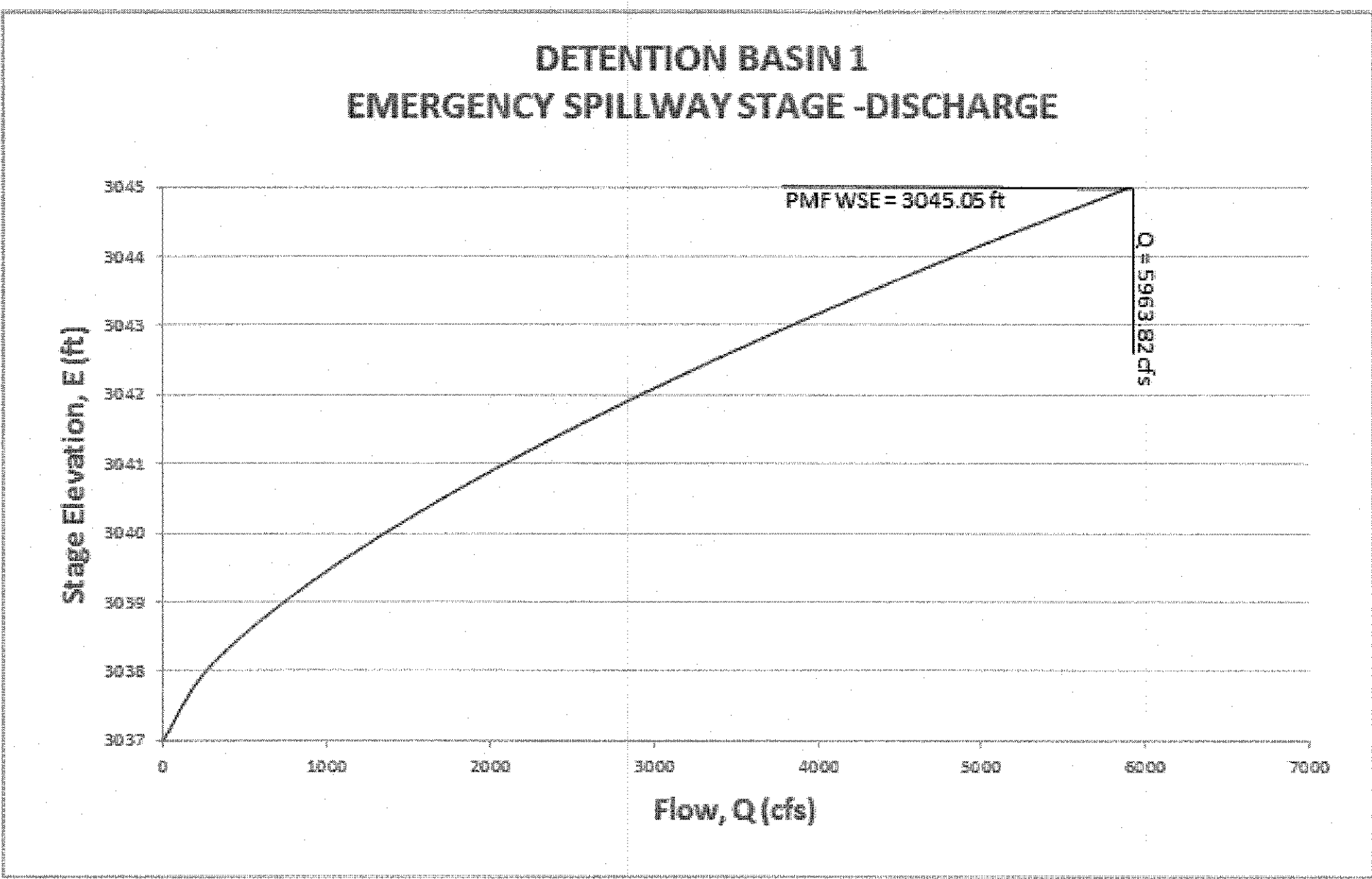
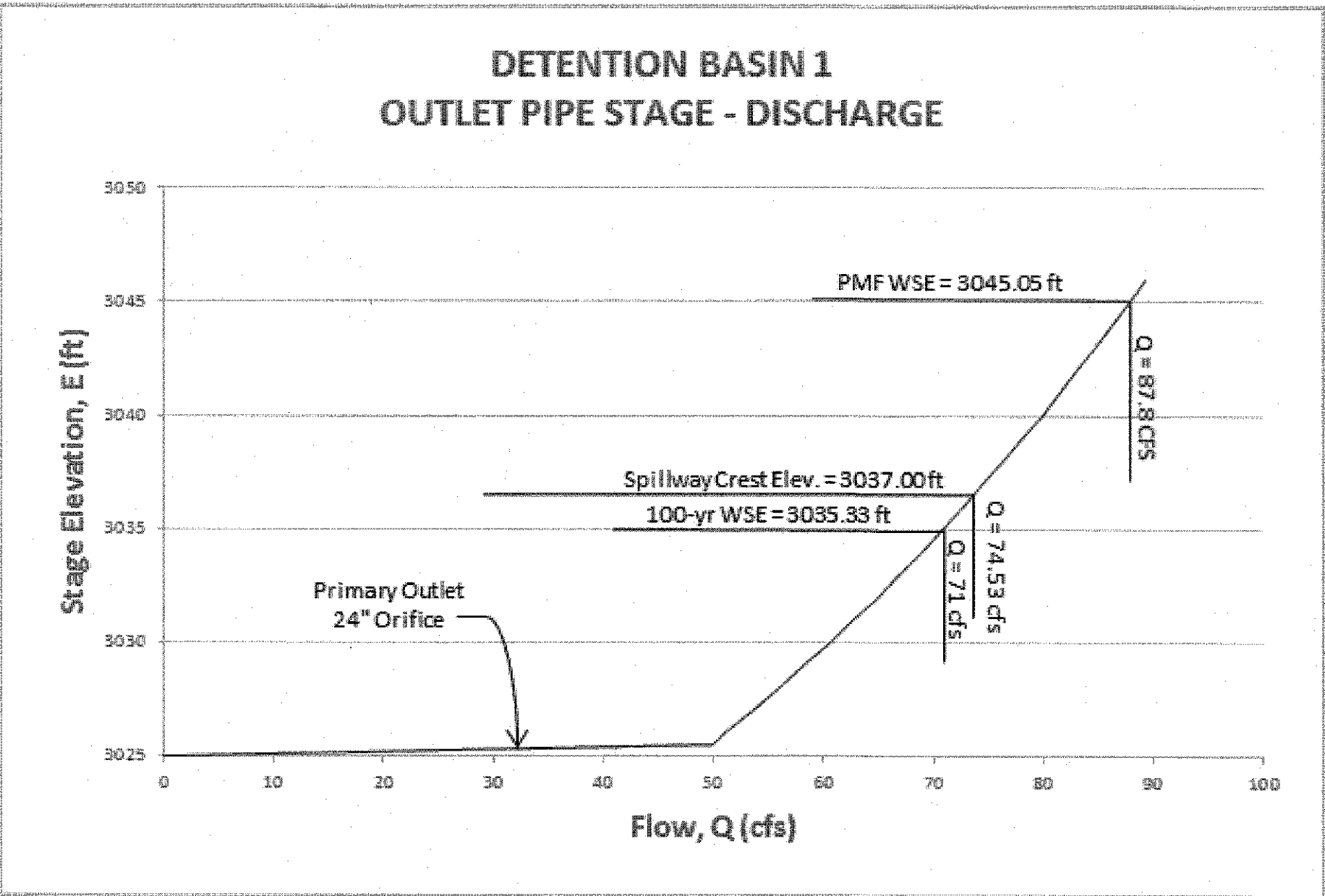
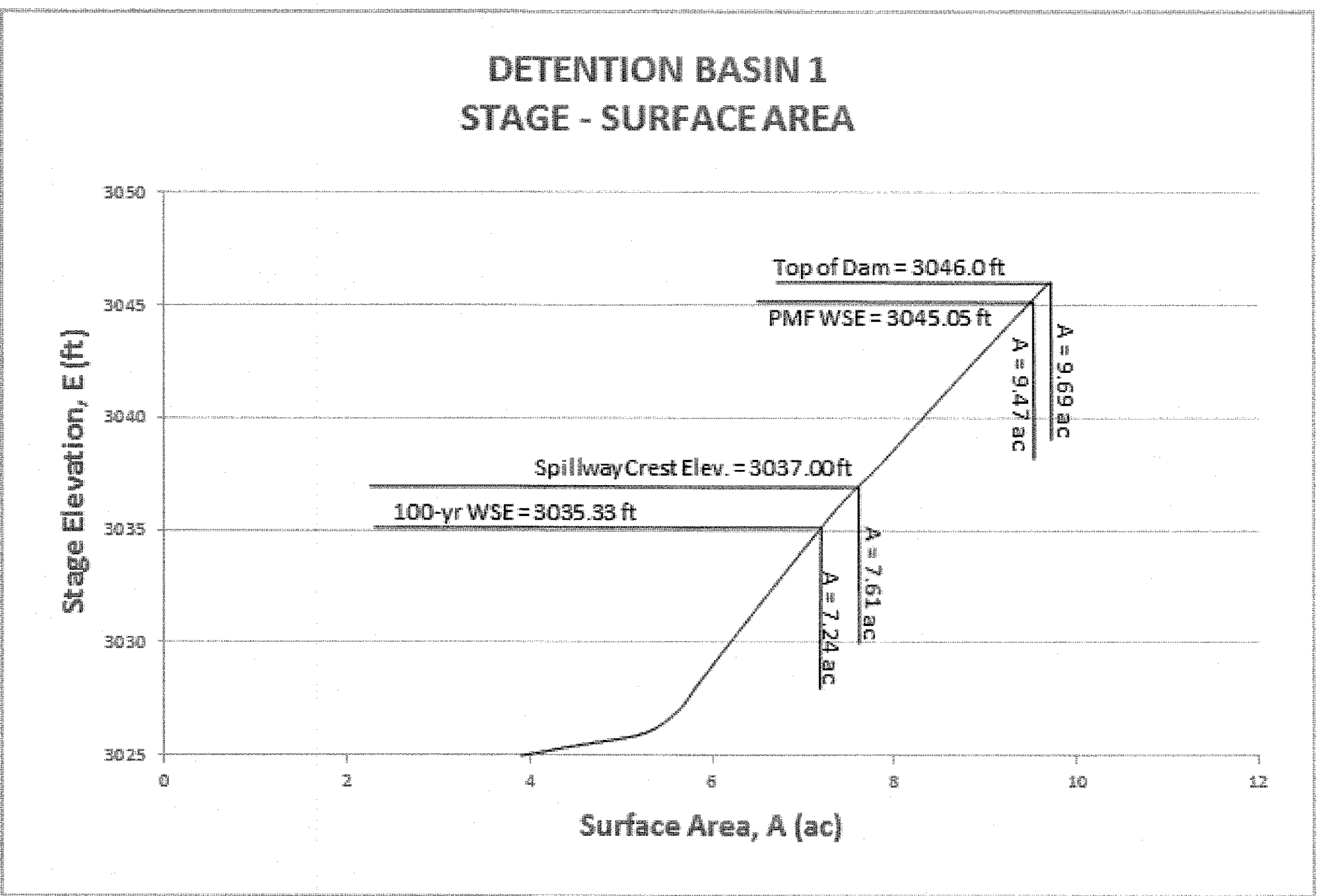
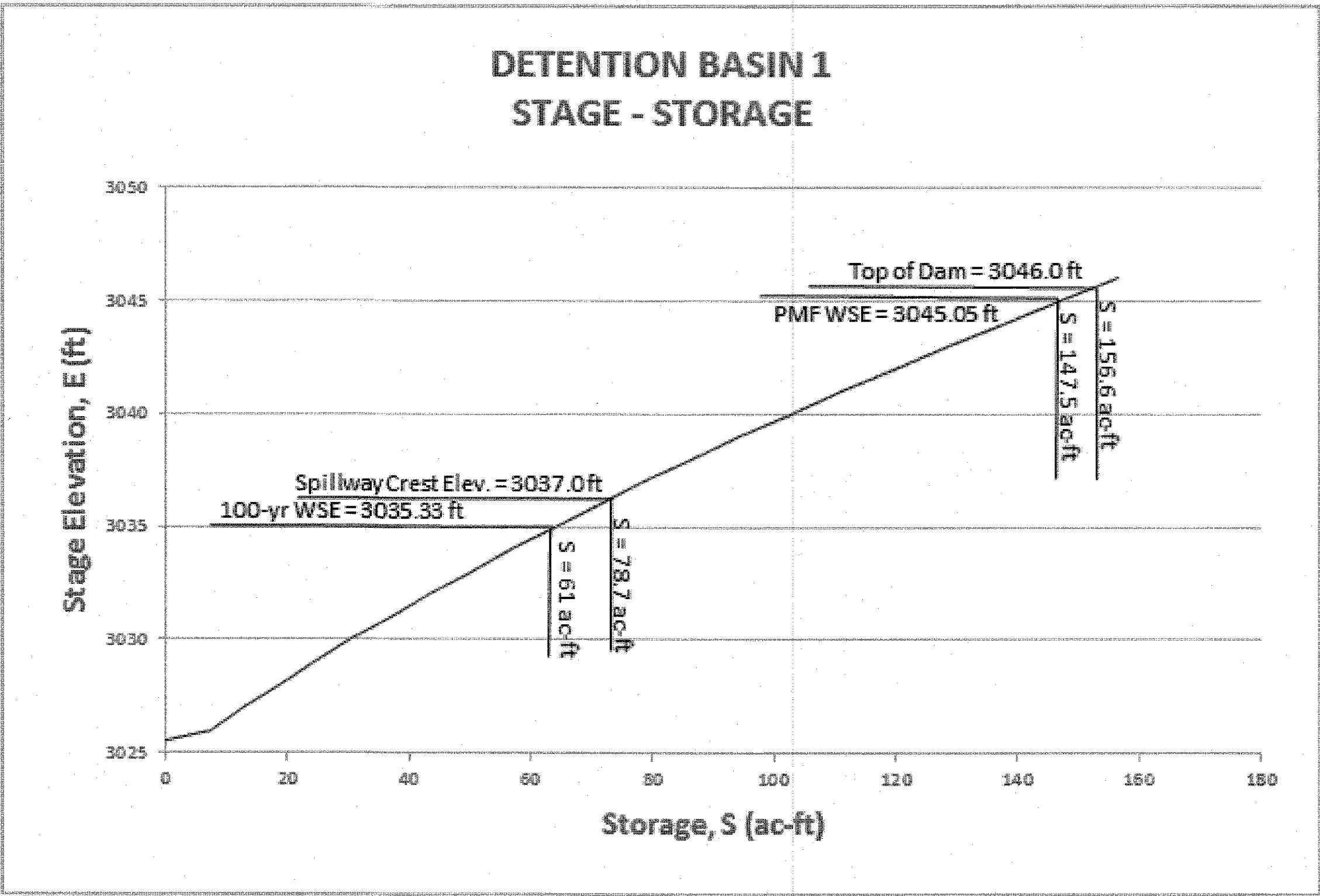
SKYE CANYON DETENTION BASIN 1

COVER SHEET

DATE: 8/10/16
DRAFTER: CS
DESIGNER: BM
CHECKED: SMJ
PROJECT NO.
OLY1401.004

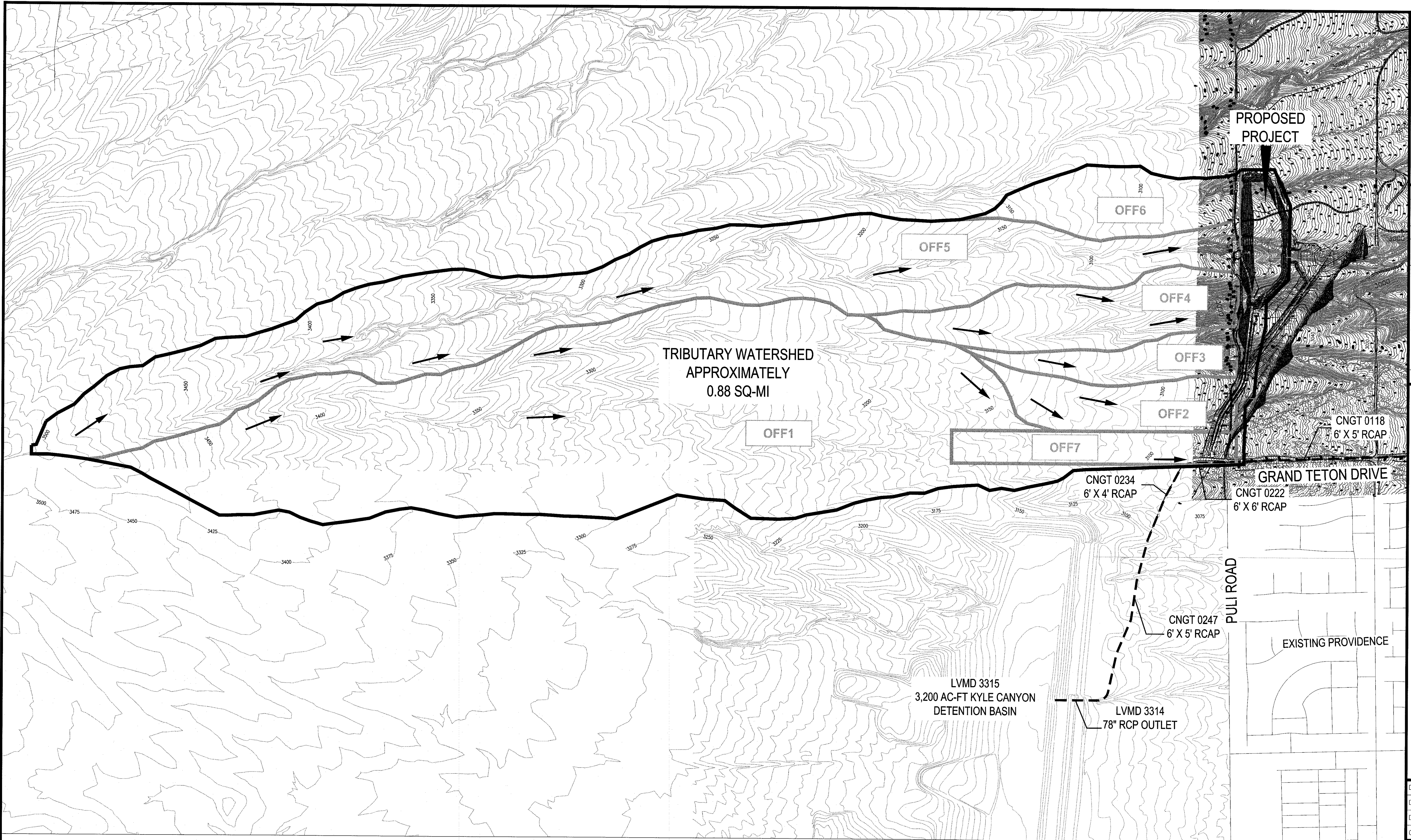
PROFESSIONAL ENGINEER - STATE OF NEVADA
STEPHEN M. JONES
Exp. 6/30/17
CIVIL
No. 019638

C-1
SHEET 1 OF 49

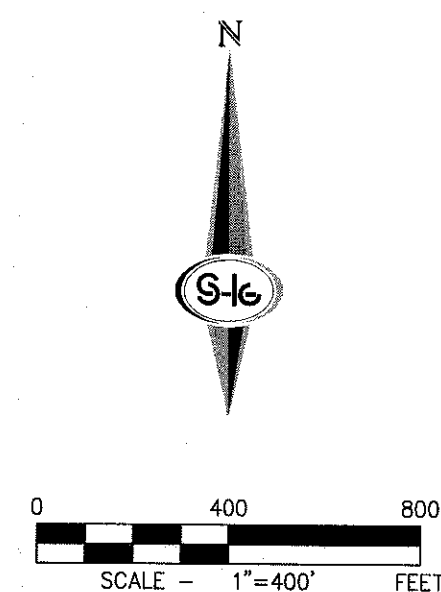


Summary of Detention Basin Performance Parameters	
Parameter	Value
100-Yr Inflow	837 cfs
100-Yr Outflow	71 cfs
Outlet Orifice	24-inch
Total Storage Volume	66.9 ac-ft
100-Yr Volume	61 ac-ft
Debris Volume	5.9 ac-ft
100-Yr Water Surface	3035.33-ft
PMF Inflow	6,839 cfs
PMF Outflow	6,052 cfs
PMF Spillway Elevation	3037.0-ft
PMF Spillway Length	87-ft
PMF Water Surface Elevation	3045.05-ft

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LEGEND	
	TRIBUTARY AREA BOUNDARY
	FLOW DIRECTION
	EXISTING FACILITY
	WATERSHED SUBBASINS



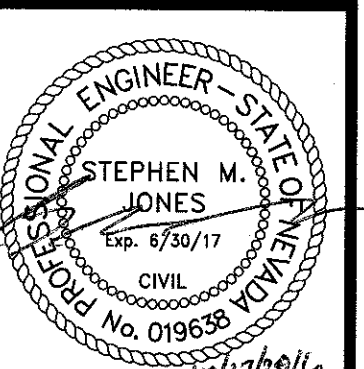
APPROVED FOR CONSTRUCTION	
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER	DATE
PROJECT NO. 124490	

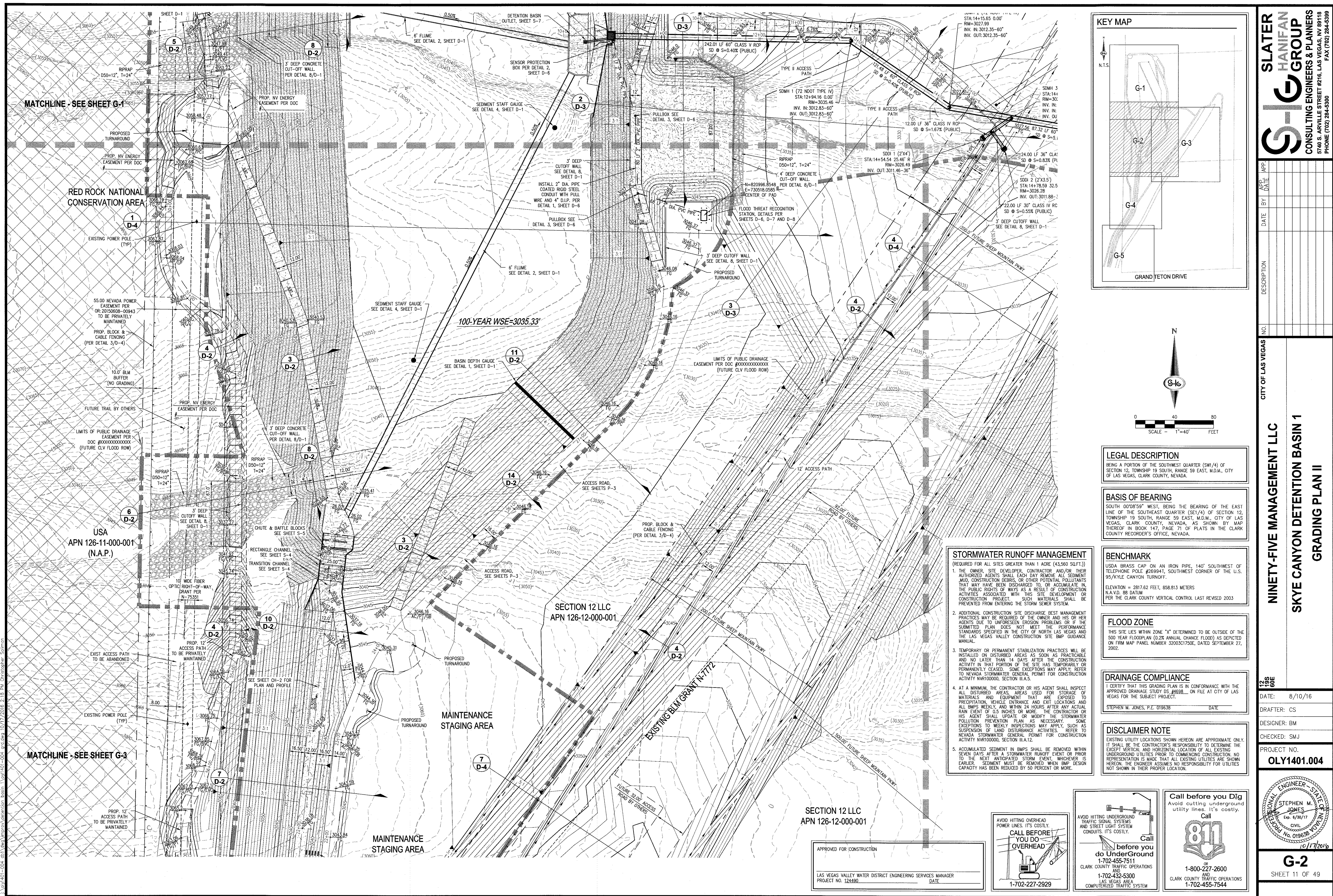
NO.	DESCRIPTION	DATE	BY	APP.

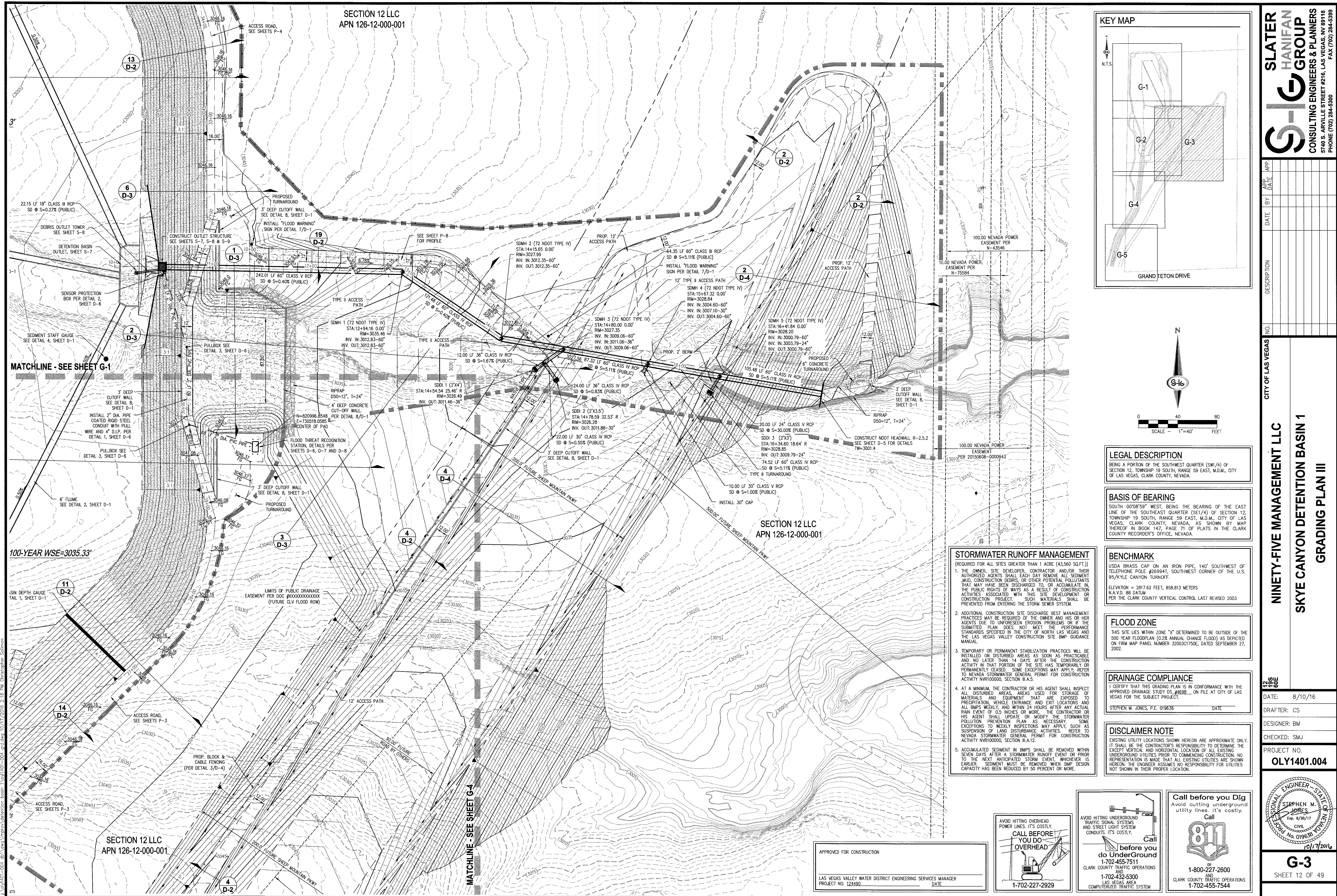
NINETY-FIVE MANAGEMENT LLC
SKYE CANYON DETENTION BASIN 1
DRAINAGE WATERSHED MAP

DATE: 8/10/16
DRAFTER: CS
DESIGNER: BM
CHECKED: SMJ

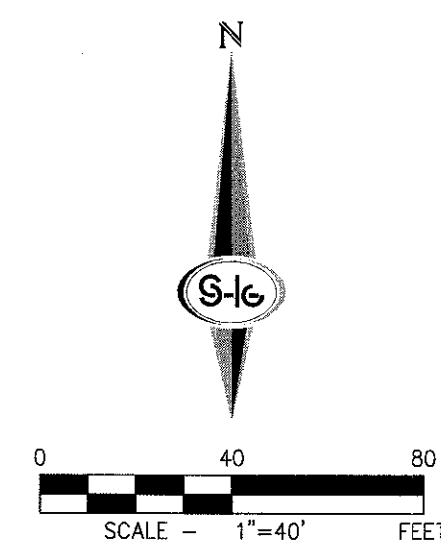
PROJECT NO.
OLY1401.004







LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
PROJECT NO. 124490 DATE



BEING A PORTION OF THE SOUTHWEST QUARTER (SW1/4) OF
SECTION 12, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CITY
OF LAS VEGAS, CLARK COUNTY, NEVADA.

SOUTH 00°08'59" WEST, BEING THE BEARING OF THE EAST
LINE OF THE SOUTHEAST QUARTER (SE1/4) OF SECTION 12
TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS
VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP
THEREOF IN BOOK 147, PAGE 71 OF PLATS IN THE CLARK
COUNTY RECORDER'S OFFICE, NEVADA.

USDA BRASS CAP ON AN IRON PIPE, 140' SOUTHWEST OF
TELEPHONE POLE #26994T, SOUTHWEST CORNER OF THE U.S.
95/KYLE CANYON TURNOFF.

ELEVATION = 2817.62 FEET, 858.813 METERS
N.A.V.D. 88 DATUM
PER THE CLARK COUNTY VERTICAL CONTROL LAST REVISED 2003

THIS SITE LIES WITHIN ZONE "X" DETERMINED TO BE OUTSIDE OF THE 500 YEAR FLOODPLAIN (0.2% ANNUAL CHANCE FLOOD) AS DEPICTED ON FIRM MAP PANEL NUMBER 32003C1750E, DATED SEPTEMBER 27, 2002.

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS. #4698 ON FILE AT CITY OF LAS VEGAS FOR THE SUBJECT PROJECT.

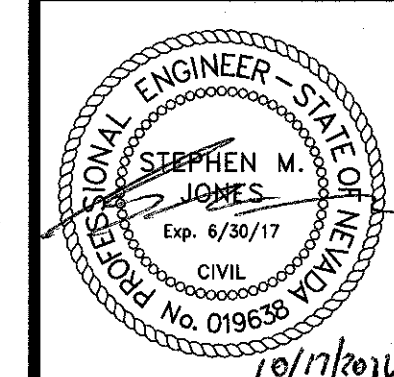
EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXCEPT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

[illegible]

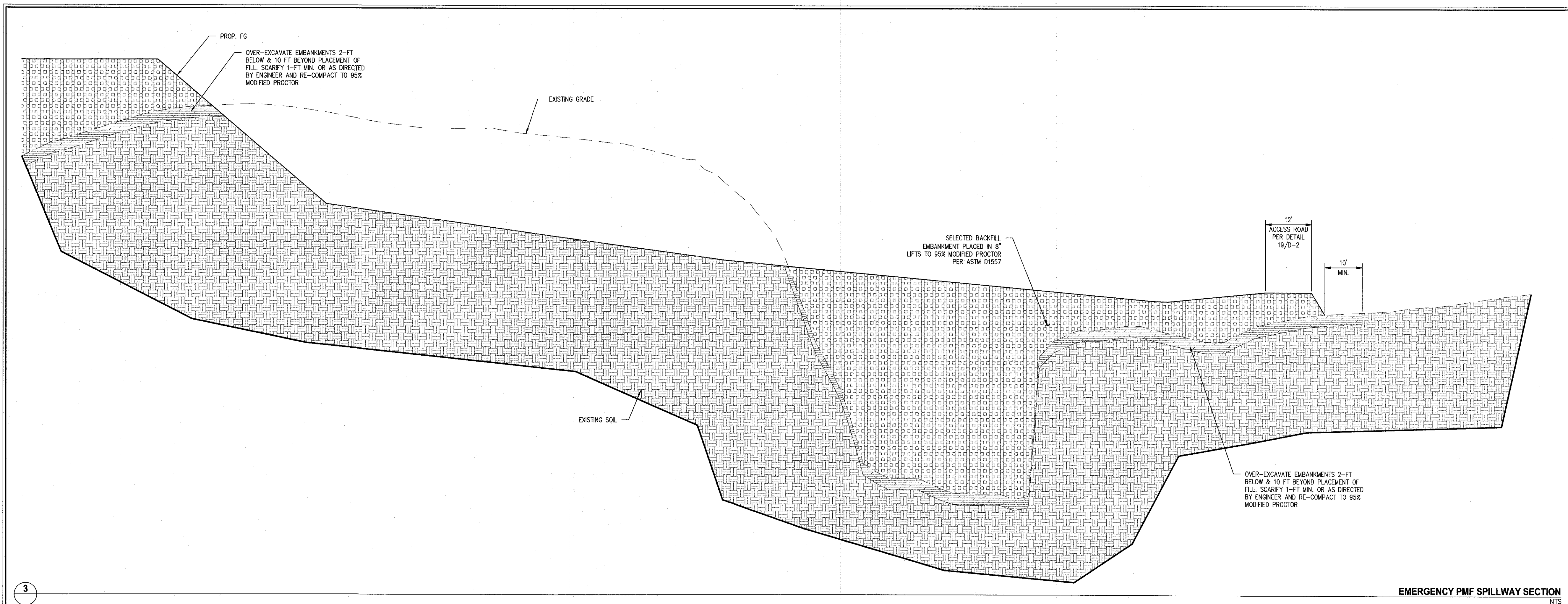
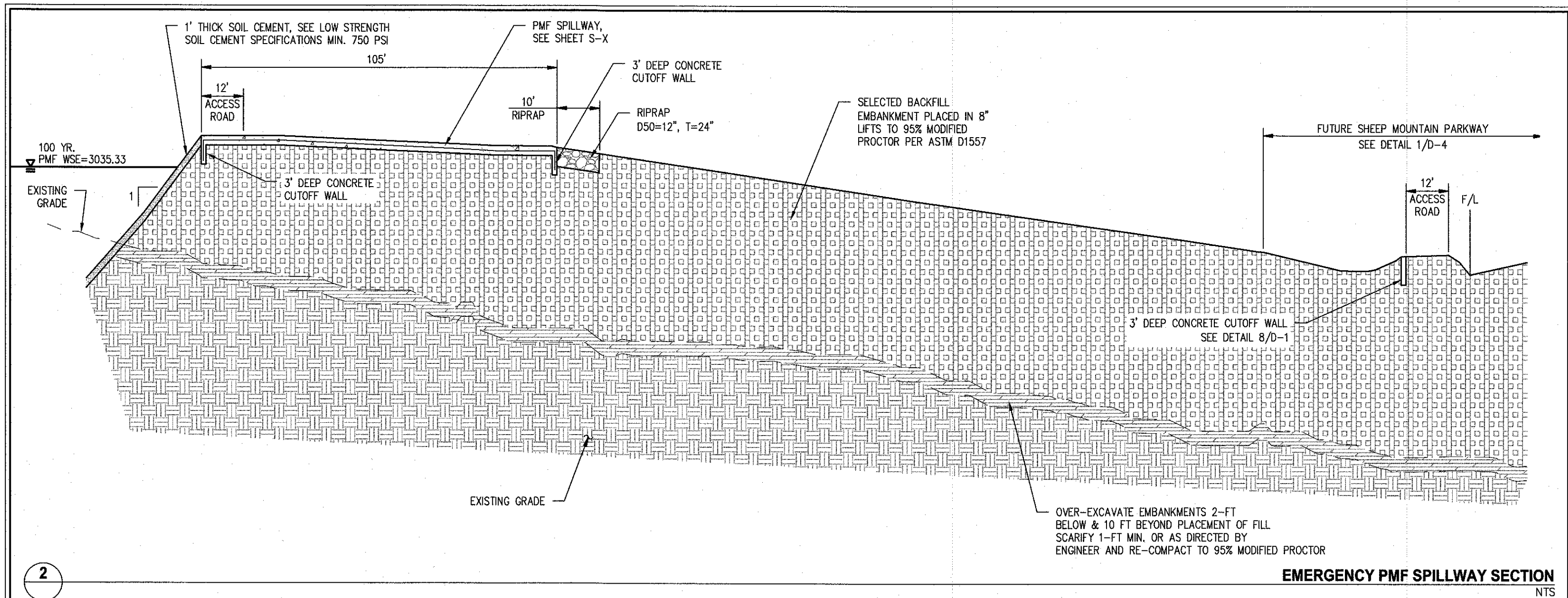
NINETY-FIVE MANAGEMENT LLC

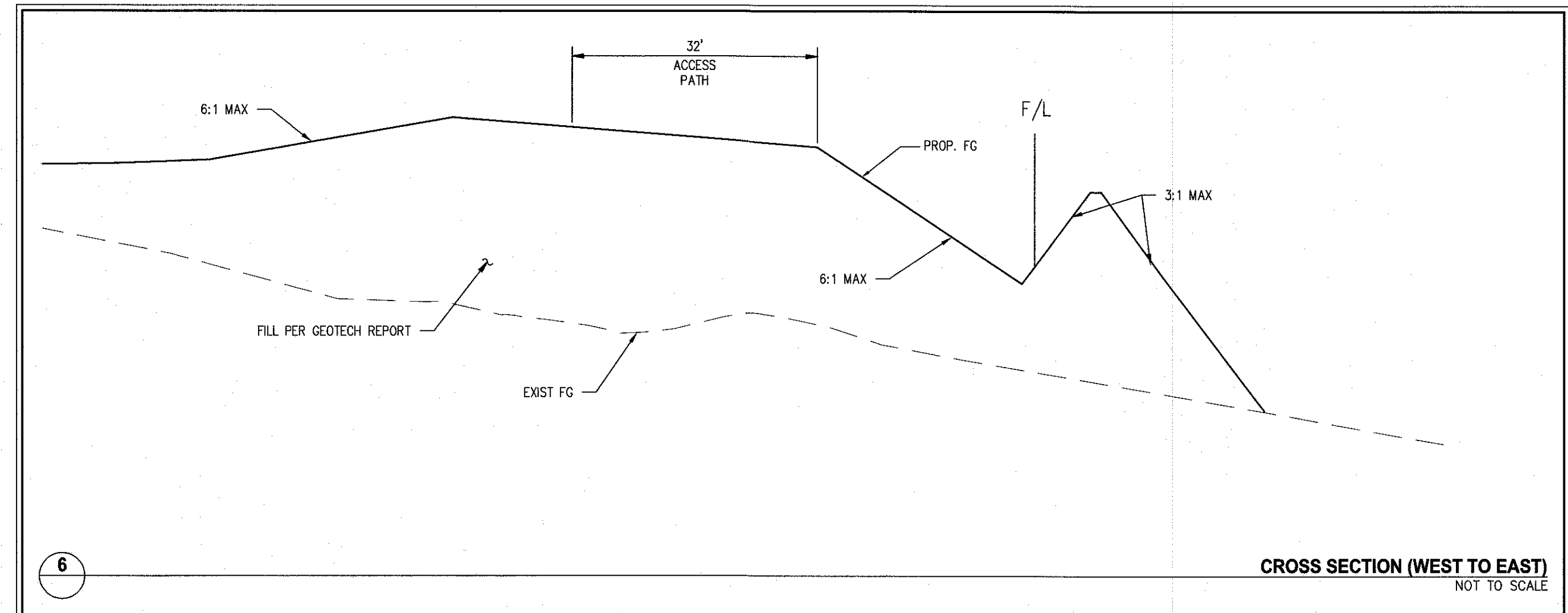
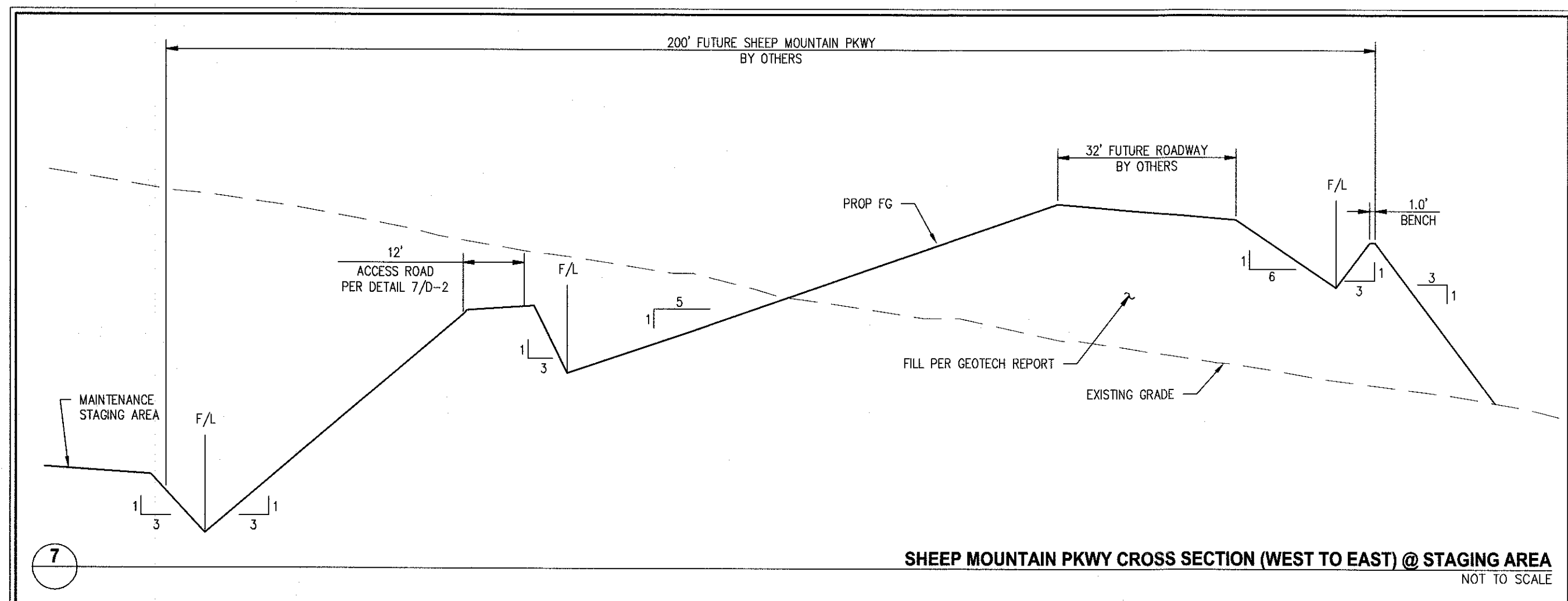
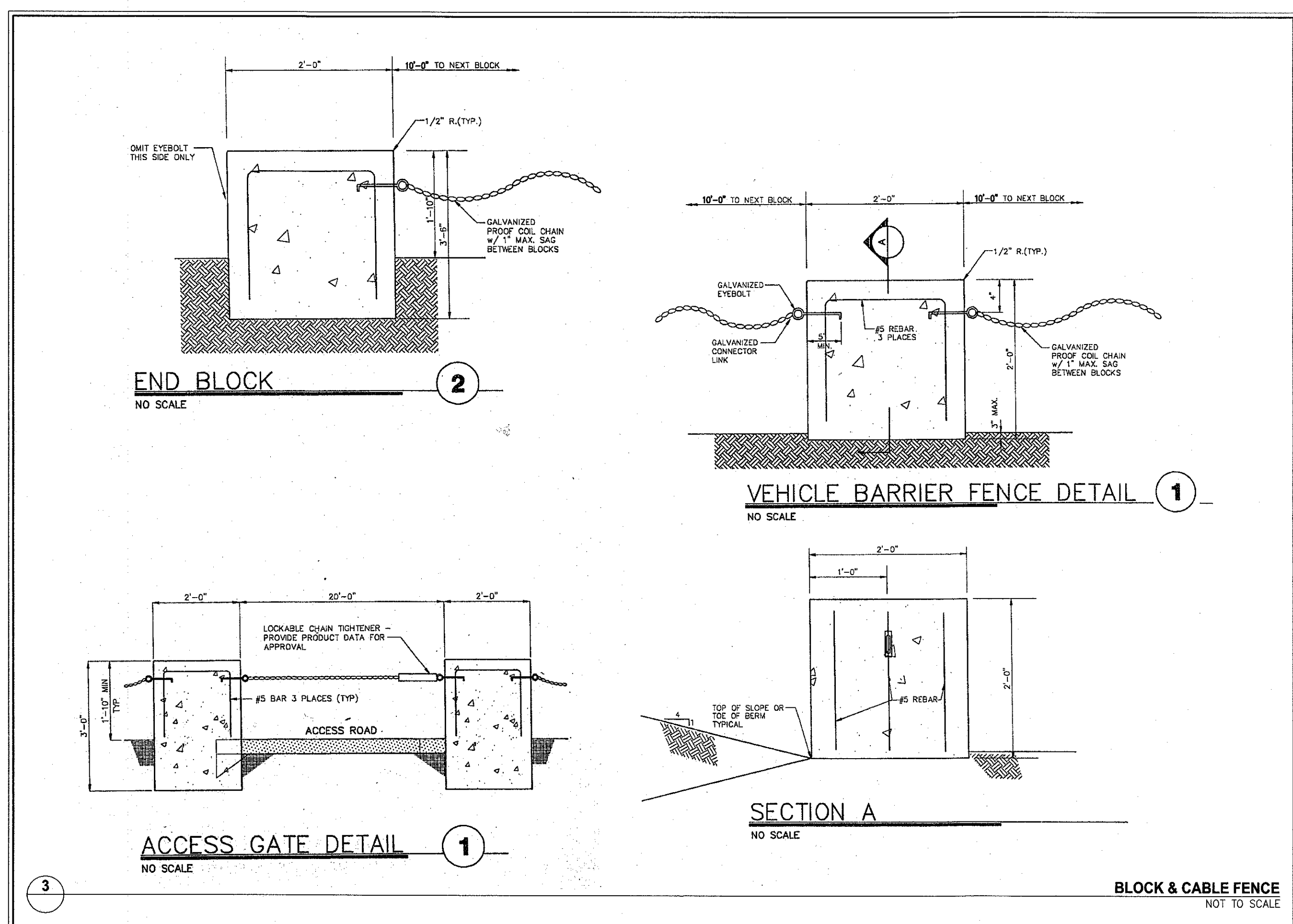
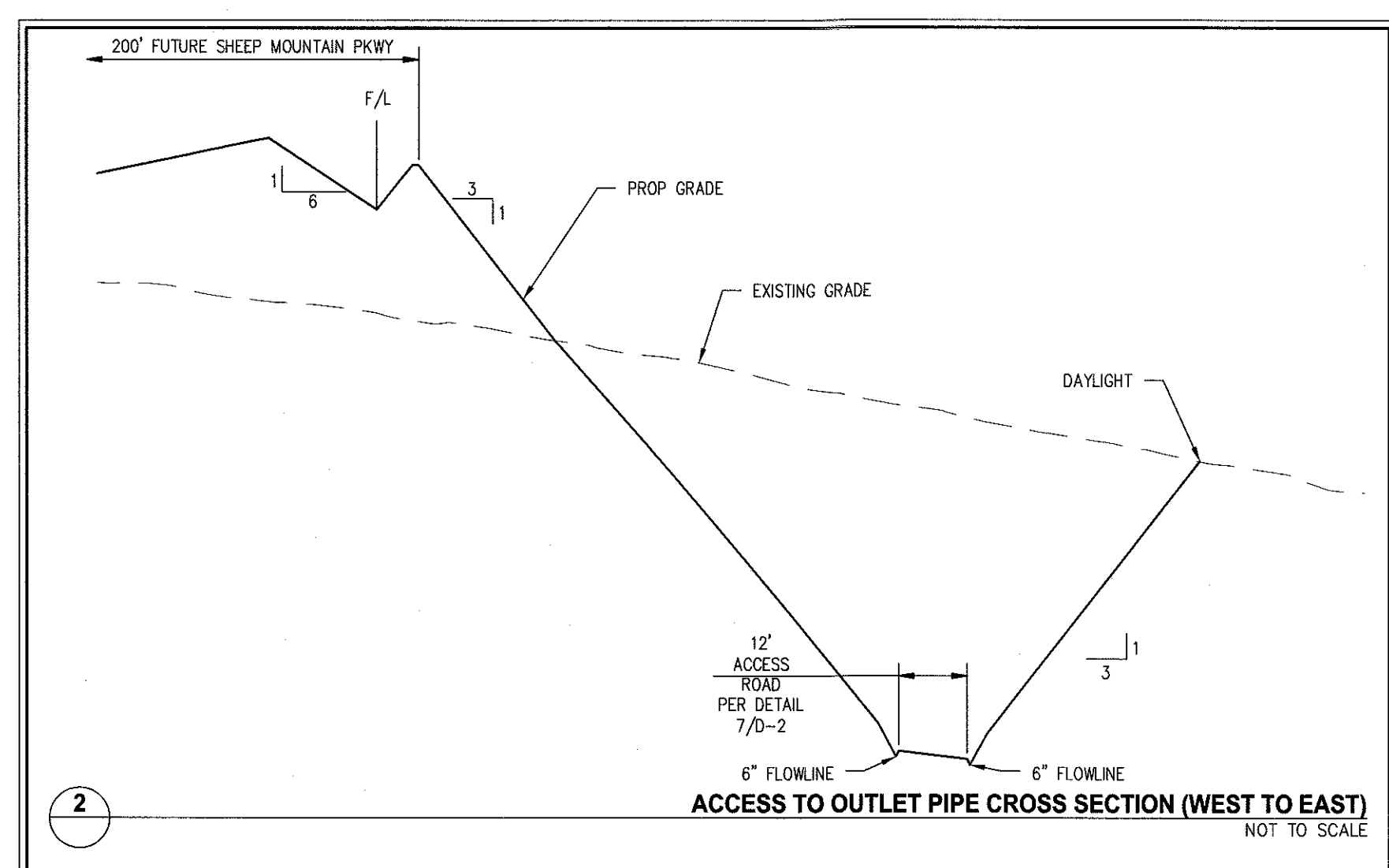
SKYE CANYON DETENTION BASIN 1
GRADING PLAN III

OLY1401.004

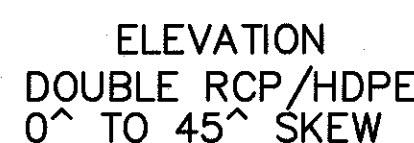
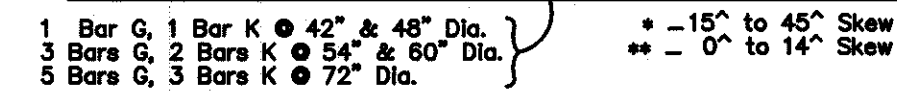
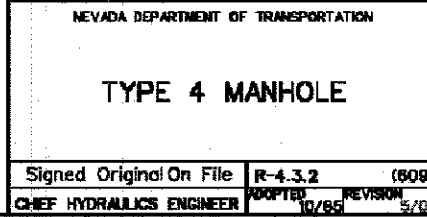


SHEET 13 OF 49





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SHEET 1 OF 2

CULVERT HEADWALLS
42" TO 72" RCP &
42" TO 60" HDPE

Signed Original On File	R-2.5.2	(502
CHIEF HYDRAULICS ENGINEER	ADOPTED 8/89	REVISION 5/09

10

RCP / HDPE SIZE DIA.	RCP / HDPE AREA SQ FT	SINGLE RCP / HDPE												DOUBLE RCP / HDPE												X	Y	L	h
		0° SKEW		15° SKEW		30° SKEW		45° SKEW		0° SKEW		15° SKEW		30° SKEW		45° SKEW													
		CONC CU YD	STEEL LB	CONC CU YD	STEEL LB	CONC CU YD	STEEL LB	CONC CU YD	STEEL LB	CONC CU YD	STEEL LB	CONC CU YD	STEEL LB	CONC CU YD	STEEL LB	CONC CU YD	STEEL LB												
42"	9.62	6.10	571	6.66	624	6.76	627	6.98	666	8.18	692	8.80	808	9.15	790	9.91	877	1'-0"	2'-0"	12'	6'-6"								
44"	12.57	7.41	586	6.81	643	8.21	781	8.48	792	9.88	829	10.85	989	11.07	935	11.98	1030	1'-0"	2'-0"	13'	7'-2"								
48"	19.57	9.90	1,076	10.17	1,026	11.21	1,141	11.21	1,141	12.36	1,236	14.41	1,441	14.41	1,441	16.62	1,662	1'-0"	2'-0"	14'	8'-0"								
50"	19.64	11.29	1137	12.32	1244	12.50	1250	12.88	1332	15.08	1407	16.25	1537	16.88	1598	18.25	1724	1'-0"	2'-0"	17'	8'-4"								
72"	28.27	15.62	1825	17.05	2001	17.30	2045	17.86	2130	20.87	2247	22.43	2464	23.36	2586	25.26	2861	1'-0"	2'-0"	20'	9'-8"								

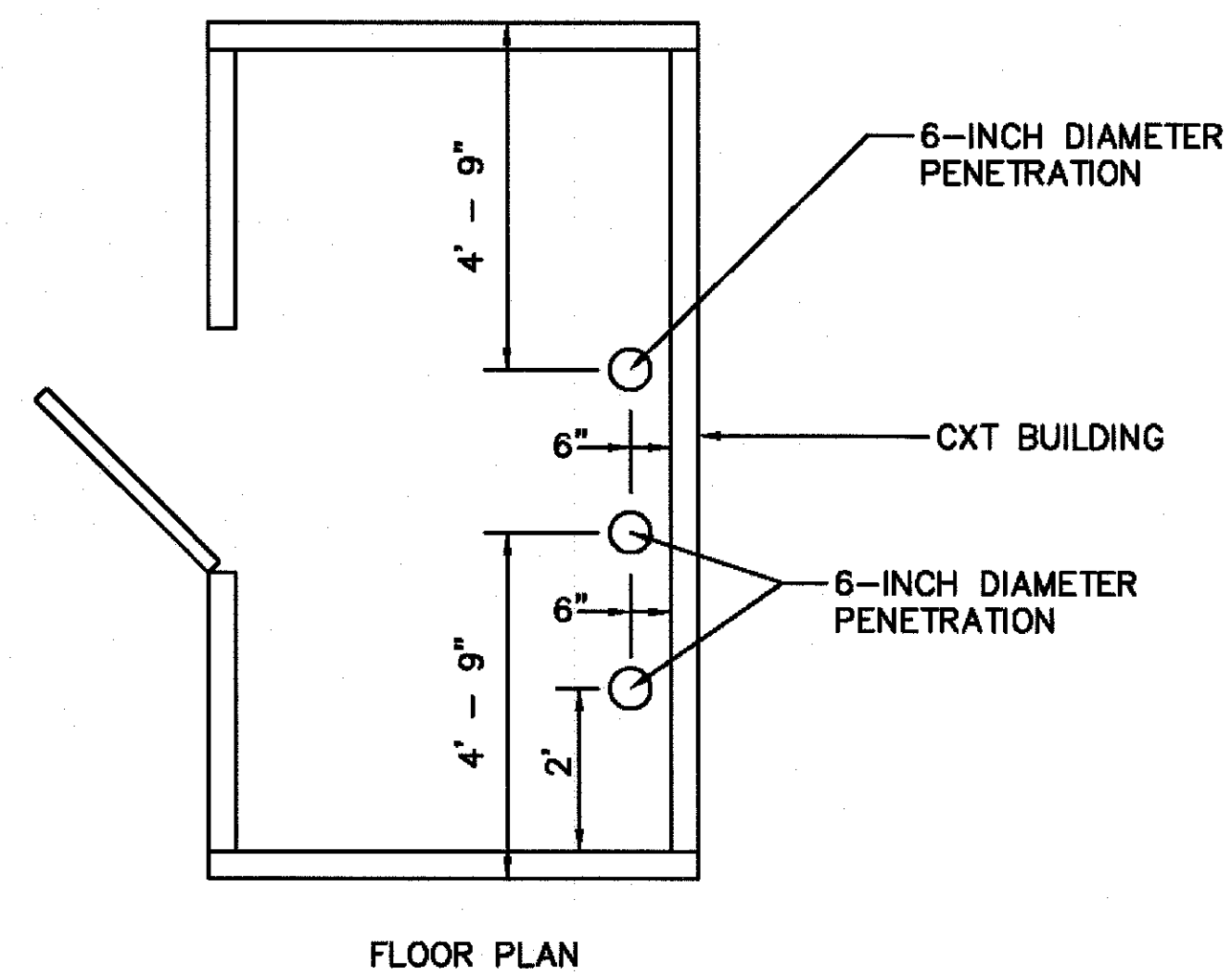
RCF/REINFORCING BAR SIZE DIA.		LENGTH OF REINFORCING BARS																								
		SINGLE RCP/HDFE																								
		0°SKEW				15°SKEW				30°SKEW				45°SKEW												
		NO. 5		NO. 4		NO. 5		NO. 4		NO. 5		NO. 4		NO. 5		NO. 4										
	F	G	M	N	K	F	G	M	M1	N	K	F	G	M	M1	N	K	F	G	M	M1	N	K			
42"	1262	-9	1067	-8	1265	-5	9615	-3	1065	-8	1362	-9	1167	-5	665	-3	666	-6	9615	-7	1165	-8	1362	-9	1167	-5
48"	1362	-9	1265	-11	1265	-3	9617	-5	1266	-3	1462	-9	1366	-11	666	-1	667	-5	9619	-7	1365	-3	1562	-9	1466	-11
48"	1362	-9	1265	-11	1265	-3	9617	-5	1266	-3	1462	-9	1366	-11	666	-1	667	-5	9619	-7	1365	-3	1562	-9	1466	-11
54"	2163	-9	1666	-11	1667	-1	10619	-9	1266	-10	2363	-9	2363	-9	866	-11	866	-5	10622	-10	1366	-10	2463	-9	1969	-11
60"	2363	-9	1969	-5	1667	-9	10621	-9	1467	-5	2563	-9	2563	-9	866	-4	866	-5	10623	-8	1567	-5	2663	-9	2069	-8
72"	2764	-4	3061	-7	2066	-11	12626	-6	1666	-7	2964	-6	2964	-6	1066	-2	1066	-1	10611	-3	1567	-5	2663	-9	2069	-8
DOUBLE RCP/HDFE																										
	F	G	M	N	K	F	G	M	M1	N	K	F	G	M	M1	N	K	F	G	M	M1	N	K			
42"	1662	-9	1167	-6	1265	-5	9621	-6	1165	-8	1762	-9	1267	-6	666	-3	666	-6	9623	-7	1265	-8	1862	-9	1367	-6
48"	1862	-9	1366	-11	1266	-3	9624	-9	1366	-3	1963	-9	1466	-11	666	-11	667	-5	9626	-6	1466	-3	2062	-9	1566	-11
54"	2363	-9	1969	-5	1667	-9	10627	-10	1466	-10	2363	-9	2166	-11	866	-11	866	-5	10629	-10	1566	-10	2363	-9	2166	-11
60"	3263	-9	2166	-9	1667	-9	10630	-9	1467	-5	3563	-9	2466	-8	866	-7	866	-4	10633	-7	1667	-5	3663	-9	2566	-8
72"	3764	-4	3061	-7	2066	-11	12636	-6	1666	-7	4064	-6	3961	-7	1066	-2	1066	-1	10611	-3	2166	-7	4264	-6	4261	-7

1. CONCRETE SHALL BE CLASS A OR AA.
2. REINFORCING STEEL SHALL BE DEFORMED BARS WITH MAXIMUM SPACING OF 18" SET 2" CLEAR OF SURFACE OF CONCRETE EXCEPT AS NOTED. BAR ENDS SHALL BE CUT 1" CLEAR OF SURFACE OF CONCRETE. REINFORCING BARS MAY BE USED IN FIELD.
3. FOOTINGS SHOWN ARE OF MINIMUM DEPTH AND SHALL BE EXTENDED IF SOIL IS UNSUITABLE OR LIABLE TO SLOUR.
4. CULVERT PIPES TO BE SET ON A SKEW SHALL BE MITERED WHEN HEADWALLS ARE CONSTRUCTED. WHEN HEADWALLS ARE NOT CONSTRUCTED THE PIPES SHALL NOT BE MITERED EXCEPT IN OVERTLOW SECTION.
5. FOR ESTIMATING HEADWALL QUANTITIES ON SKEWED CULVERTS:
0° to 10° - USE QUANTITIES FOR 0° SKEW.
11° to 25° - USE QUANTITIES FOR 15° SKEW.
26° to 40° - USE QUANTITIES FOR 30° SKEW.
41° to 55° - USE QUANTITIES FOR 45° SKEW.
OVER 55° - CALCULATE QUANTITIES REQUIRED.
CULVERTS SHOULD BE INSTALLED ON 5° INCREMENTS WHERE IT IS FEASIBLE.
6. DIMENSIONS X,Y,L, AND h TO REMAIN CONSTANT REGARDLESS OF MINOR VARIATIONS IN WALL THICKNESS DUE TO CLASS OR TYPE OF PIPE USED.
7. REFER TO SHEET R-2.9.1 FOR DETAILS IF CONNECTING TO HDPE PIPE.

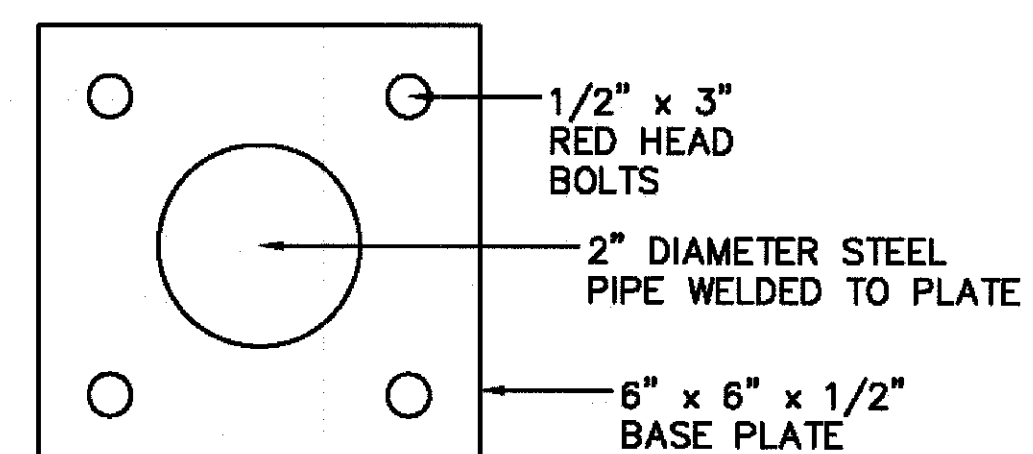
SHEET 2 OF 2

CULVERT HEADWALLS
42" TO 72" RCP &
42" TO 60" HDPE

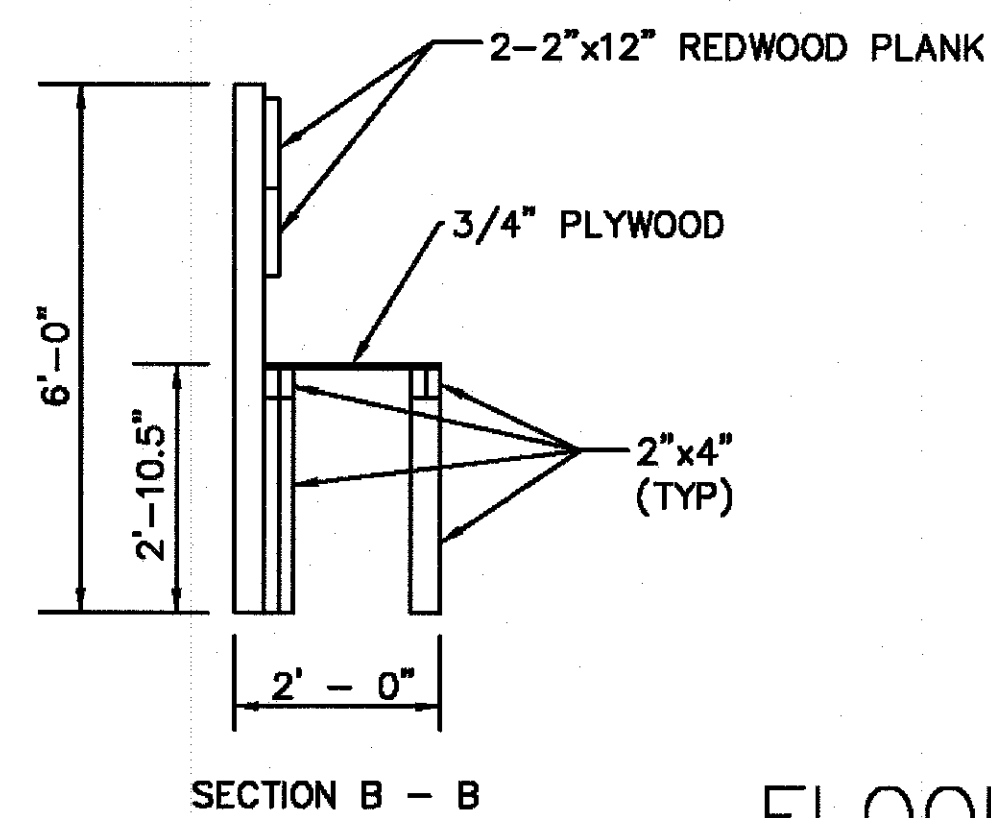
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CHIEF HYDRAULICS ENGINEER	ADOPTED 8/68	REVISION 3/09



FLOOD CONTROL
MONITORING STATION
SHEET 3



DETAIL 1



FLOOD CONTROL
MONITORING STATION
SHEET 4



(REQUIRED FOR ALL SITES GREATER THAN 1 ACRE (43,560 SQ.FT.))

- [illegible]

BEING A PORTION OF THE SOUTHWEST QUARTER (SW1/4) OF
SECTION 12, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CITY
OF LAS VEGAS, CLARK COUNTY, NEVADA.

EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXCEPT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

THE BEARING OF THE EAST LINE OF THE SOUTHEAST
QUARTER (SE1/4) OF SECTION 12, TOWNSHIP 19 SOUTH,
RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK
COUNTY, NEVADA, AS SHOWN BY MAP THEREOF IN BOOK 147,
PAGE 71 OF PLATS IN THE CLARK COUNTY RECORDER'S
OFFICE, NEVADA.

USDA BRASS CAP ON AN IRON PIPE, 140' SOUTHWEST OF
TELEPHONE POLE #26994T, SOUTHWEST CORNER OF THE U.S.
95/KYLE CANYON TURNOFF.

ELEVATION = 2817.62 FEET, 858.813 METERS
N.A.V.D. 88 DATUM
PER THE CLARK COUNTY VERTICAL CONTROL LAST REVISED 2003

THE PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE X (UNSHADED) AS DEPICTED ON FLOOD INSURANCE RATE MAP (FIRM) PANEL 32003C1750E DATED SEPTEMBER 27, 2002. A ZONE X (UNSHADED) IS DESCRIBED AS AN AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD.

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE
APPROVED DRAINAGE STUDY DS 4698 ON FILE AT CITY OF LAS
VEGAS FOR THE SUBJECT PROJECT.

STEPHEN M. JONES, P.E. 019638 DATE _____

AVOID HITTING OVERHEAD
POWER LINES. IT'S COSTLY.

AVOID HITTING UNDERGROUND
TRAFFIC SIGNAL SYSTEMS

Call before you Dig

[illegible]

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON DETENTION BASIN 1

INFLOW CHANNEL - PLAN AND PROFILE II

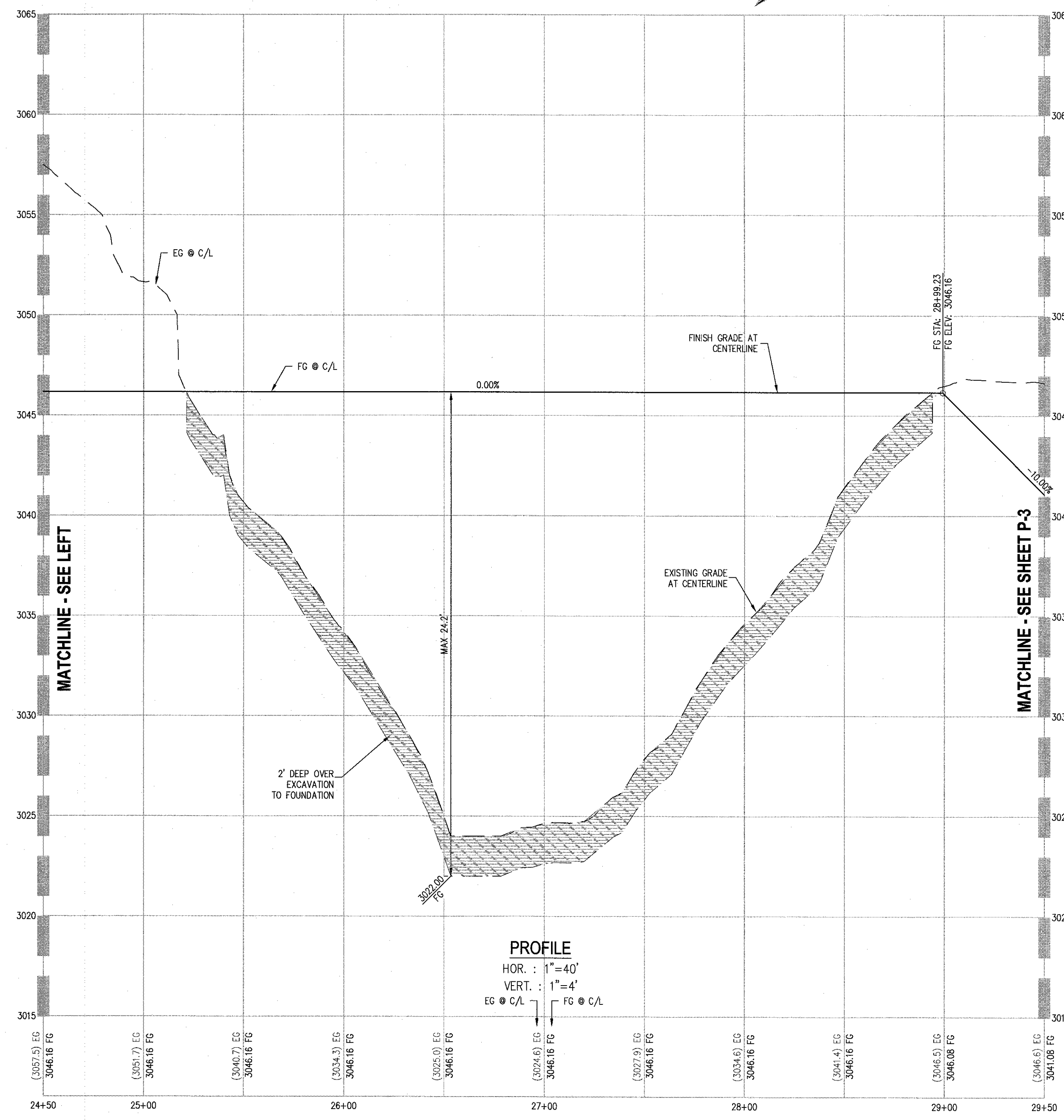
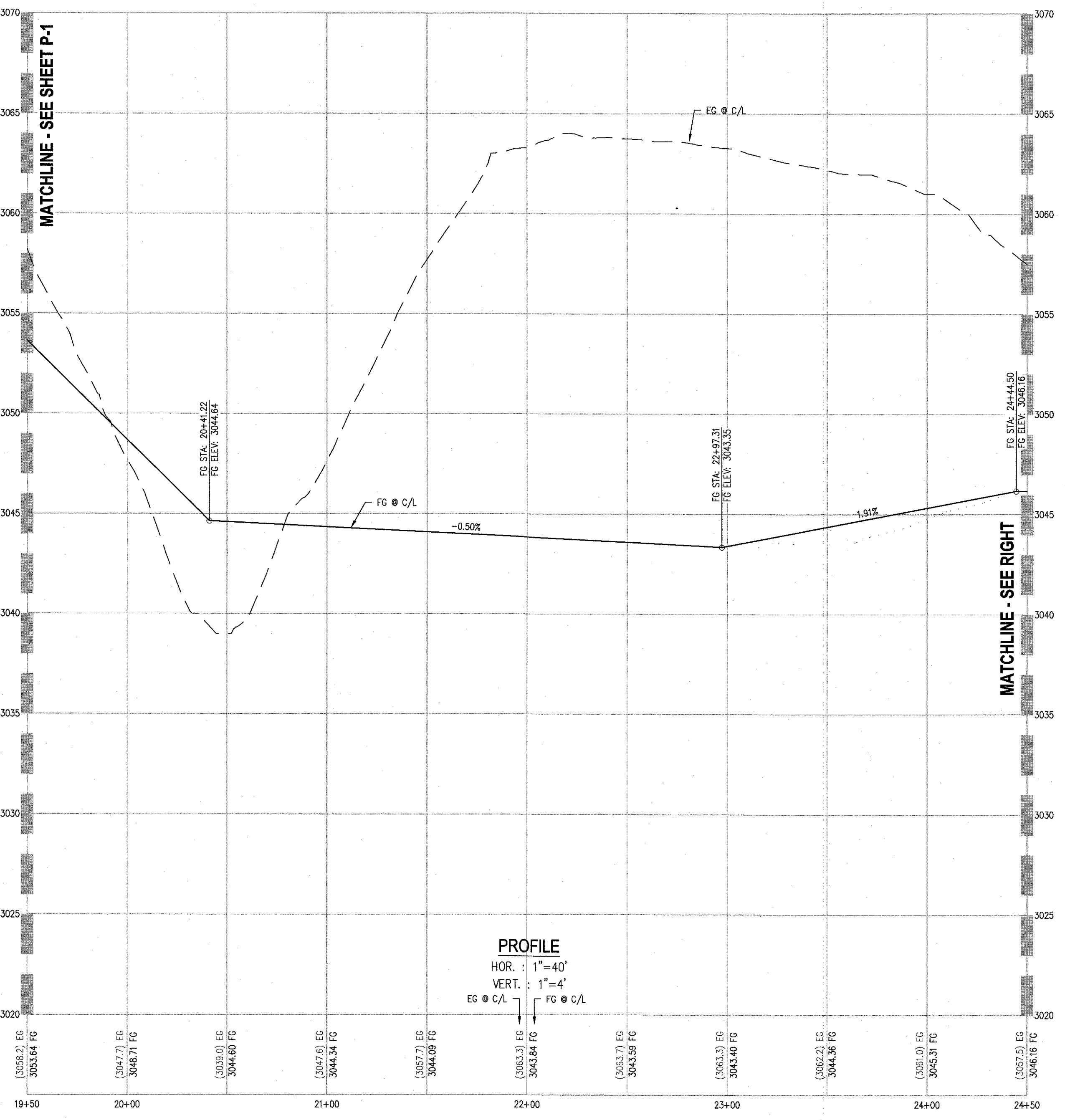
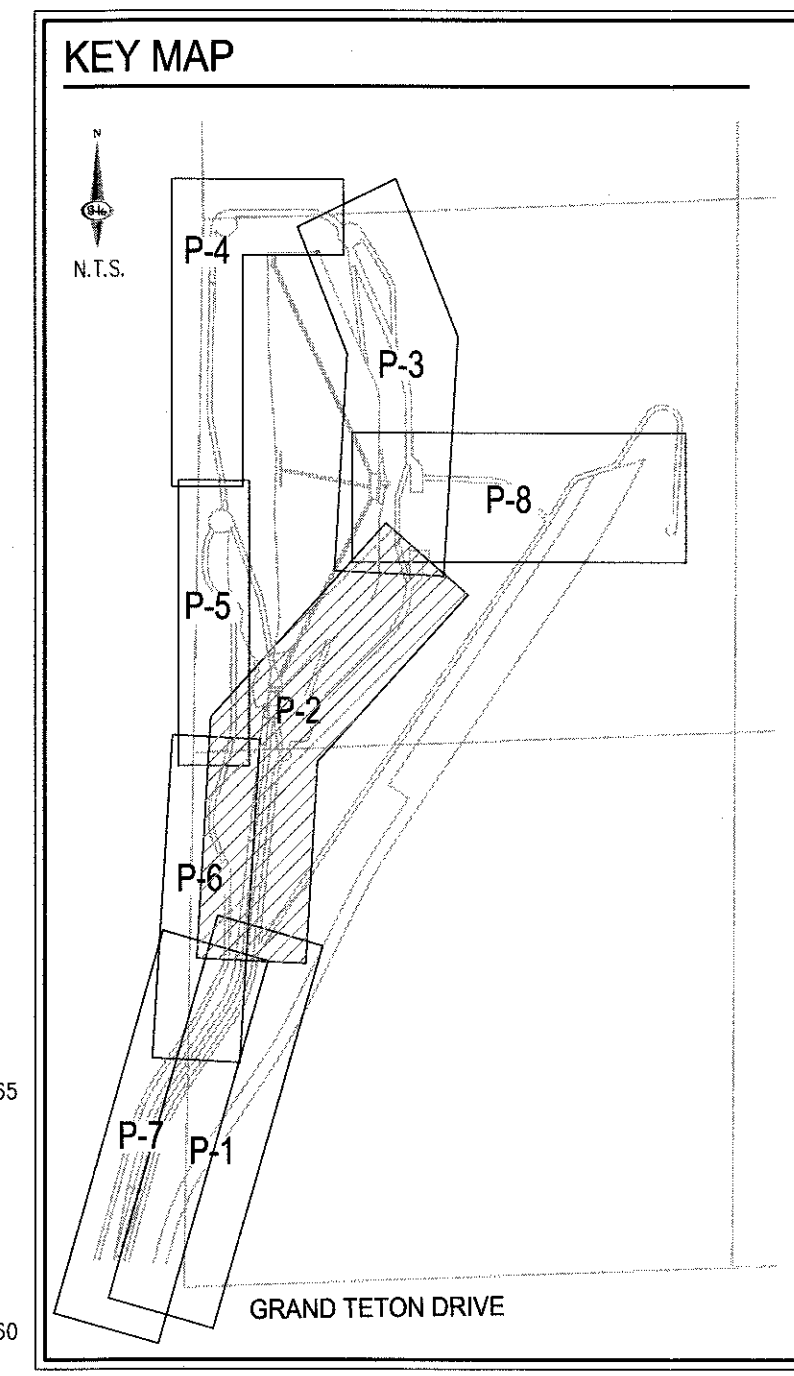
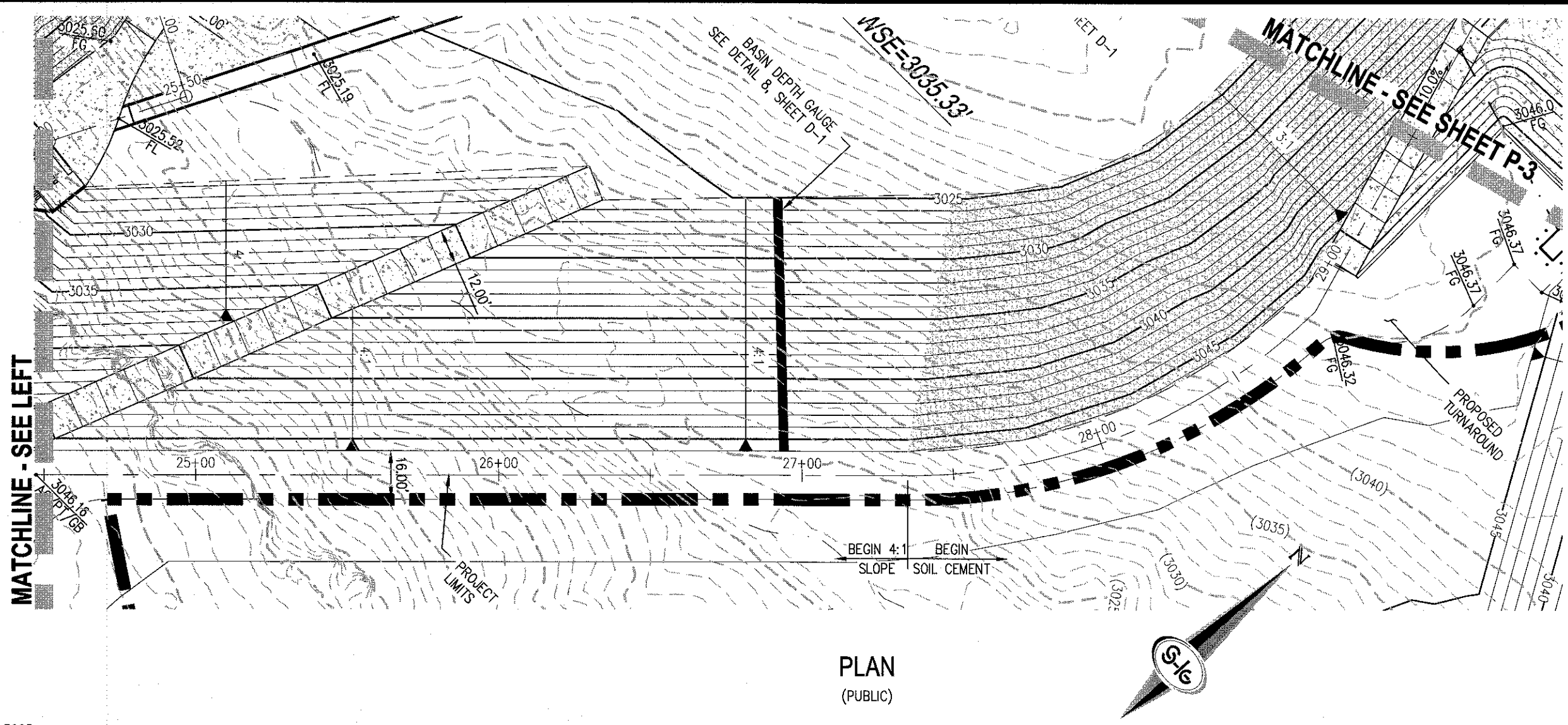
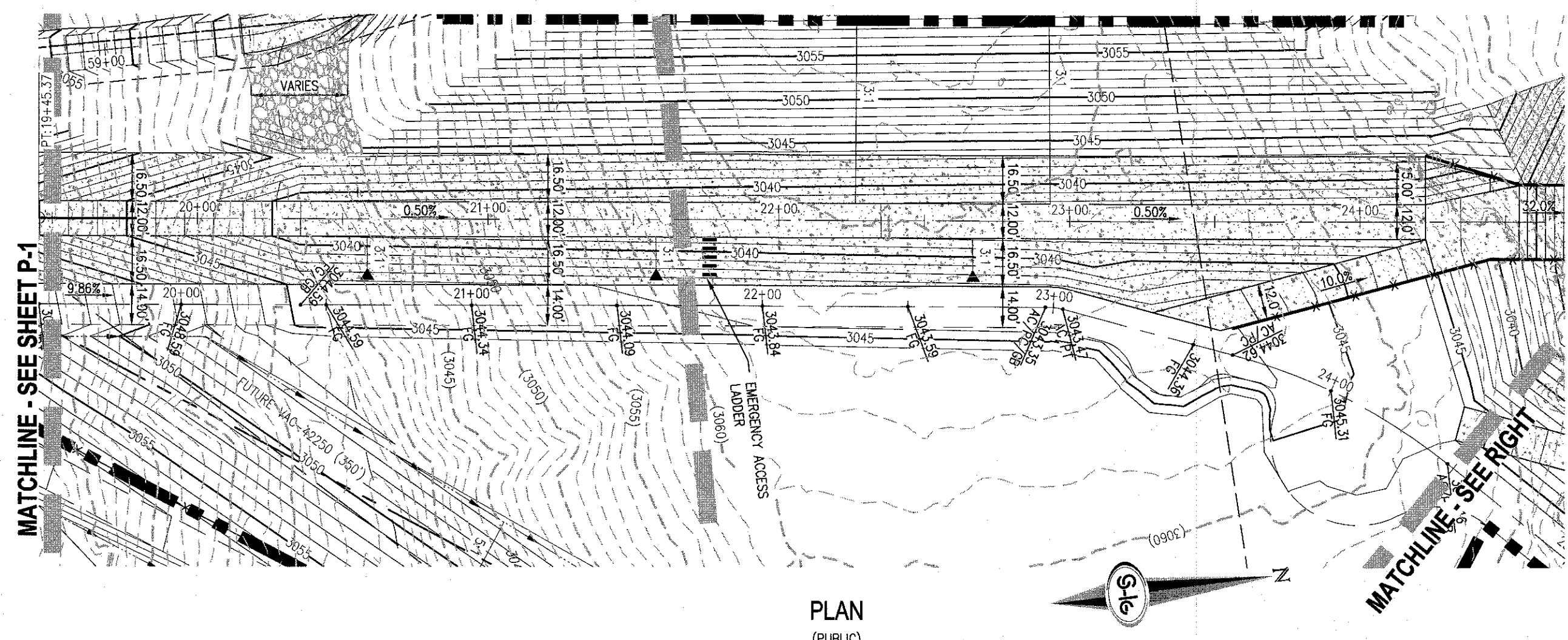
DATE

DRAFTER: CS

CHECKED: SM

OLY1401.004

CH-2
SHEET 24 OF 4



STORMWATER RUNOFF MANAGEMENT
(REQUIRED FOR ALL SITES GREATER THAN 1 ACRE (43,560 SQ.FT.))

- 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 DISCHARGED TO, OR ACCUMULATE IN, THE PUBLIC RIGHTS OF WAYS 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.
- ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN THE CITY OF NORTH LAS VEGAS AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BMP GUIDANCE MANUAL.
- 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 NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR100000, SECTION III.A.5.
- 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 LOCATIONS AND ALL BMPs WEEKLY, AND WITHIN 24 HOURS AFTER ANY ACTUAL RAIN EVENT OF 0.5 INCHES 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 SUSPENSION OF LAND DISTURBANCE ACTIVITIES. REFER TO NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR100000, SECTION III.A.12.
- ACCUMULATED SEDIMENT IN BMPs SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT, WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE.

LEGAL DESCRIPTION
BEING A PORTION OF THE SOUTHWEST QUARTER (SW/4) OF SECTION 12, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF IN BOOK 147, PAGE 71 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA.

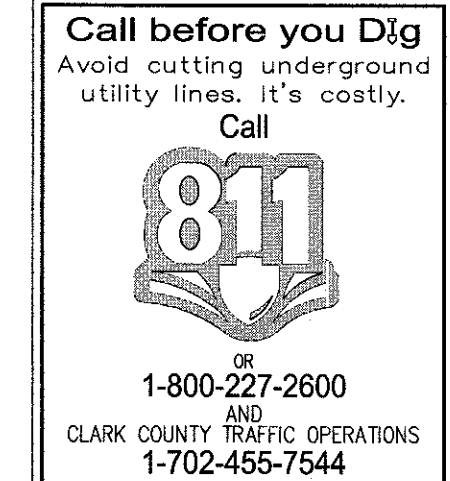
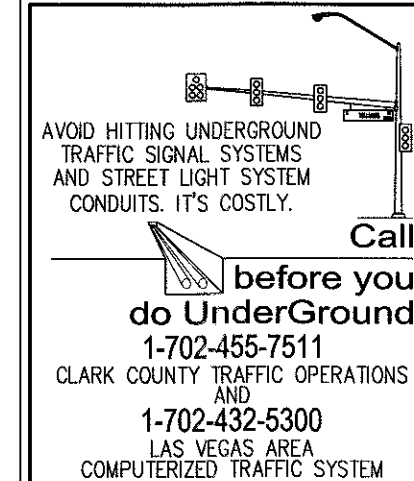
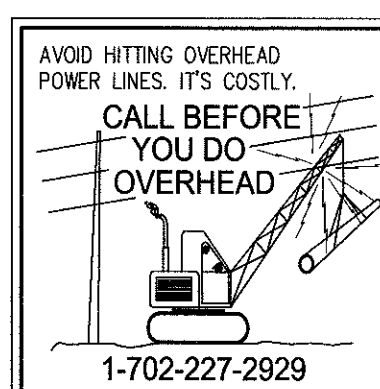
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BASIS OF BEARING
THE BEARING OF THE EAST LINE OF THE SOUTHWEST QUARTER (SE1/4) OF SECTION 12, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF IN BOOK 147, PAGE 71 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA.

BENCHMARK
USDA BRASS CAP ON AN IRON PIPE, 140' SOUTHWEST OF TELEPHONE POLE #269941, SOUTHWEST CORNER OF THE U.S. 95/KYLE CANYON TURNOFF.
ELEVATION = 2817.62 FEET, 858.813 METERS
N.A.V.D. 88 DATUM
PER THE CLARK COUNTY VERTICAL CONTROL LAST REVISED 2003

FLOOD ZONE
THE PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE X (UNSHADED) AS DEPICTED ON FLOOD INSURANCE RATE MAP (FIRM) PANEL 320003C1750E DATED SEPTEMBER 27, 2002. A ZONE X (UNSHADED) IS DESCRIBED AS AN AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD.

FLOOD CERTIFICATION
I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS 4688 ON FILE AT CITY OF LAS VEGAS FOR THE SUBJECT PROJECT.
STEPHEN M. JONES, P.E. 019638 DATE



SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5309

NINETY-FIVE MANAGEMENT LLC
SKYE CANYON DETENTION BASIN 1
ACCESS ROAD - PLAN AND PROFILE II

PROJECT NO.
OLY1401.004

DATE: 8/10/16
DRAWN: CS
DESIGNER: BM
CHECKED: SMJ
PROJECT NO.: OLY1401.004

PROFESSIONAL ENGINEER - STATE OF NEVADA
STEPHEN M. JONES
Exp. 8/30/17
CIVIL
Lic. No. 019638

P-2
SHEET 26 OF 49



(REQUIRED FOR ALL SITES GREATER THAN 1 ACRE (43,560 SQ.FT.))

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 DISCHARGED TO, OR ACCUMULATE IN, THE PUBLIC RIGHTS OF WAYS 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 OR IF THE SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN THE CITY OF NORTH LAS VEGAS AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BMP GUIDANCE MANUAL.
3. TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AFTER THE ACTIVITY THAT CAUSED THE DISTURBANCE HAS COMPLETED OR THE ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. SOME EXCEPTIONS MAY APPLY. REFER TO THE STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY WR1000000, SECTION 10.2.
4. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS AND AREAS OF EROSION, CRACKS, AND POLES. INSPECTIONS SHALL BE REQUIRED AT A MINIMUM RAIN EVENT OF 0.5 INCHES OR MORE. THE CONTRACTOR OR HIS AGENT SHALL UPDATE OR MODIFY THE STORMWATER PREVENTION AND CONTROL PLAN TO REFLECT ANY SUCH EXCEPTIONS TO WEEKLY INSPECTIONS MAY APPLY. SUCH AS SUSPENSION OF LAND DISCHARGE ACTIVITIES. REFER TO THE STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY WR1000000, SECTION 10.2.B.1.2.

BEING A PORTION OF THE SOUTHWEST QUARTER (SW1/4) OF
SECTION 12, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CITY
OF LAS VEGAS, CLARK COUNTY, NEVADA.

EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXCEPT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

THE BEARING OF THE EAST LINE OF THE SOUTHEAST
QUARTER (SE1/4) OF SECTION 12, TOWNSHIP 19 SOUTH,
RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK
COUNTY, NEVADA, AS SHOWN BY MAP THEREOF IN BOOK 147,
PAGE 71 OF PLATS IN THE CLARK COUNTY RECORDER'S
OFFICE, NEVADA.

USDA BRASS CAP ON AN IRON PIPE, 140' SOUTHWEST OF
TELEPHONE POLE #26994T, SOUTHWEST CORNER OF THE U.S.
95/KYLE CANYON TURNOFF.

ELEVATION = 2817.62 FEET, 858.813 METERS
N.A.V.D. 88 DATUM
PER THE CLARK COUNTY VERTICAL CONTROL LAST REVISED 2003

THE PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE X (UNSHADED) AS DEPICTED ON FLOOD INSURANCE RATE MAP (FIRM) PANEL 32003C1750E DATED SEPTEMBER 27, 2002. A ZONE X (UNSHADED) IS DESCRIBED AS AN AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD.

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS. 4698 ON FILE AT CITY OF LAS VEGAS FOR THE SUBJECT PROJECT.

AVOID HITTING OVERHEAD
POWER LINES. IT'S COSTLY.

**CALL BEFORE
YOU DO
OVERHEAD**

1-702-227-2929

AVOID HITTING UNDERGROUND
TRAFFIC SIGNAL SYSTEMS
AND STREET LIGHT SYSTEM
CONDUITS. IT'S COSTLY.

 **Call**

**before you
do UnderGround**

1-702-455-7511

CLARK COUNTY TRAFFIC OPERATIONS
AND
1-702-432-5300

LAS VEGAS AREA
COMPUTERIZED TRAFFIC SYSTEM

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

Call



OR
1-800-227-2600
AND
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

SLATER
HANFAN
GROUP

CONSULTING ENGINEERS & PLANNERS

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

[illegible]

CITY OF LAS VEGAS

NINETY-FIVE MANAGEMENT LLC

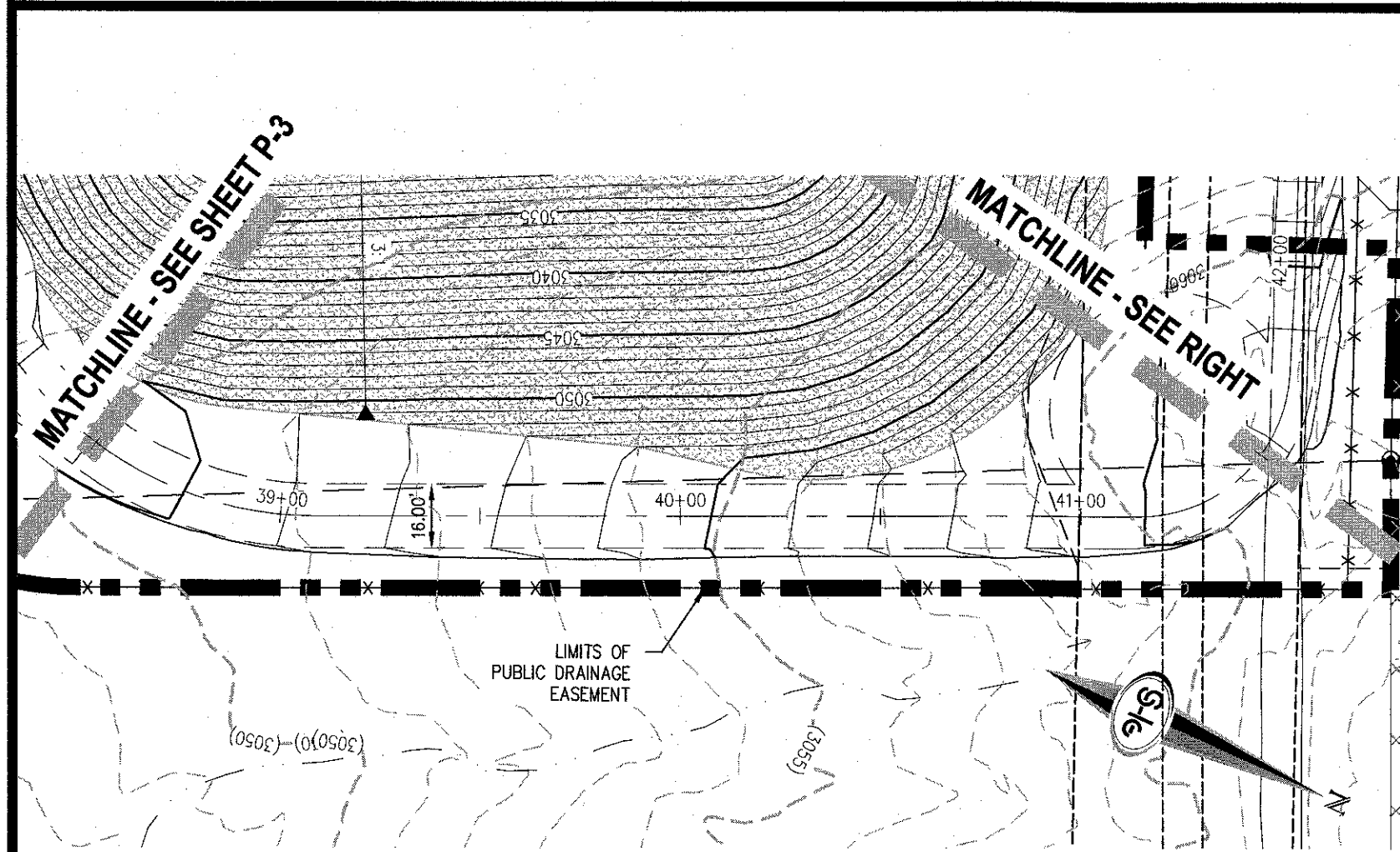
SKYE CANYON DETENTION BASIN 1

ACCESS ROAD - PLAN AND PROFILE III

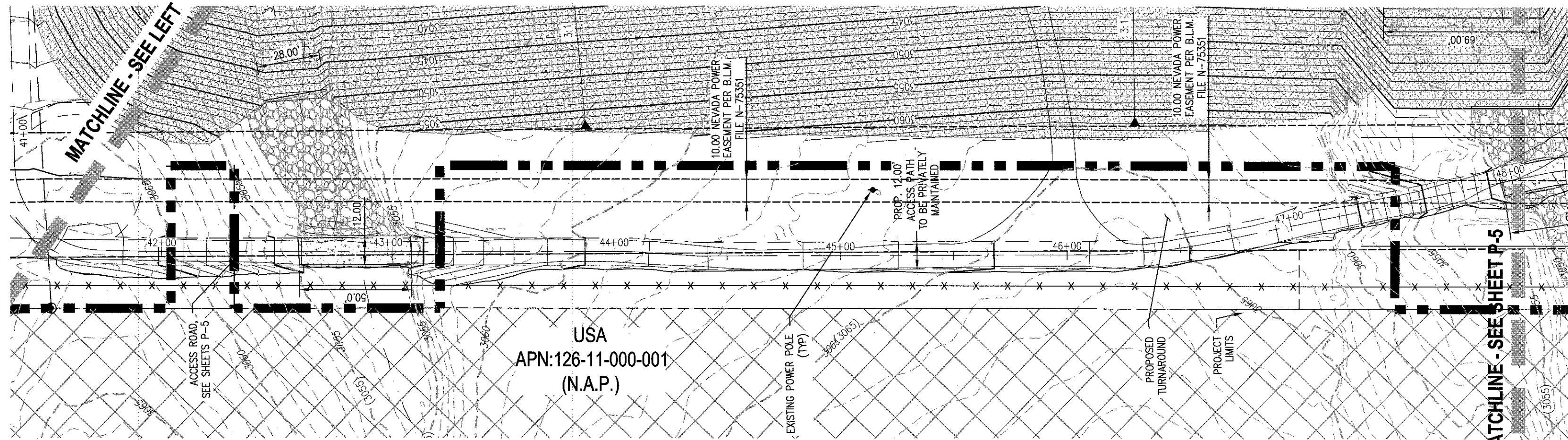
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DESIGNER:	BM
CHECKED:	SMJ
PROJECT NO.	OLY1401.004

P-3
SHEET 27 OF 49

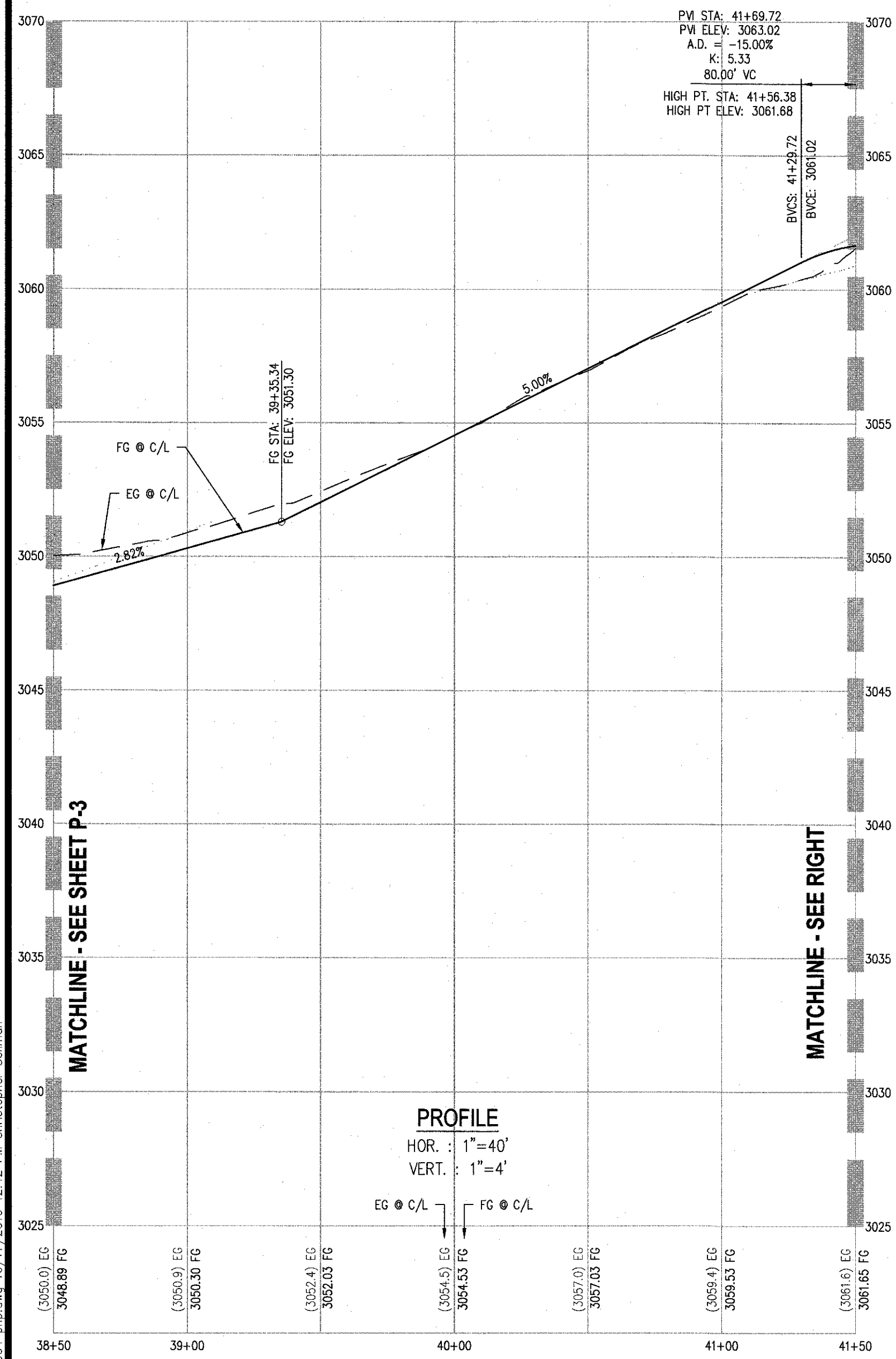
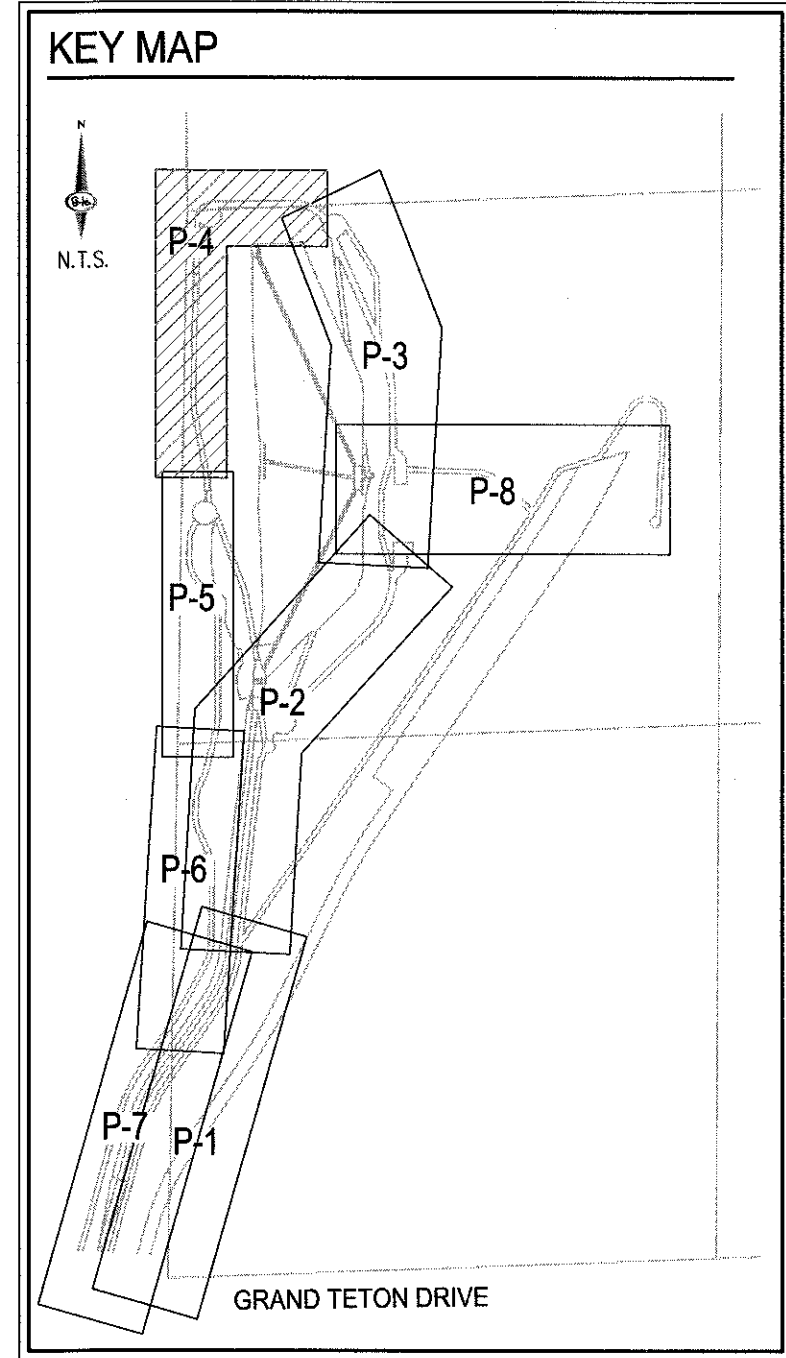
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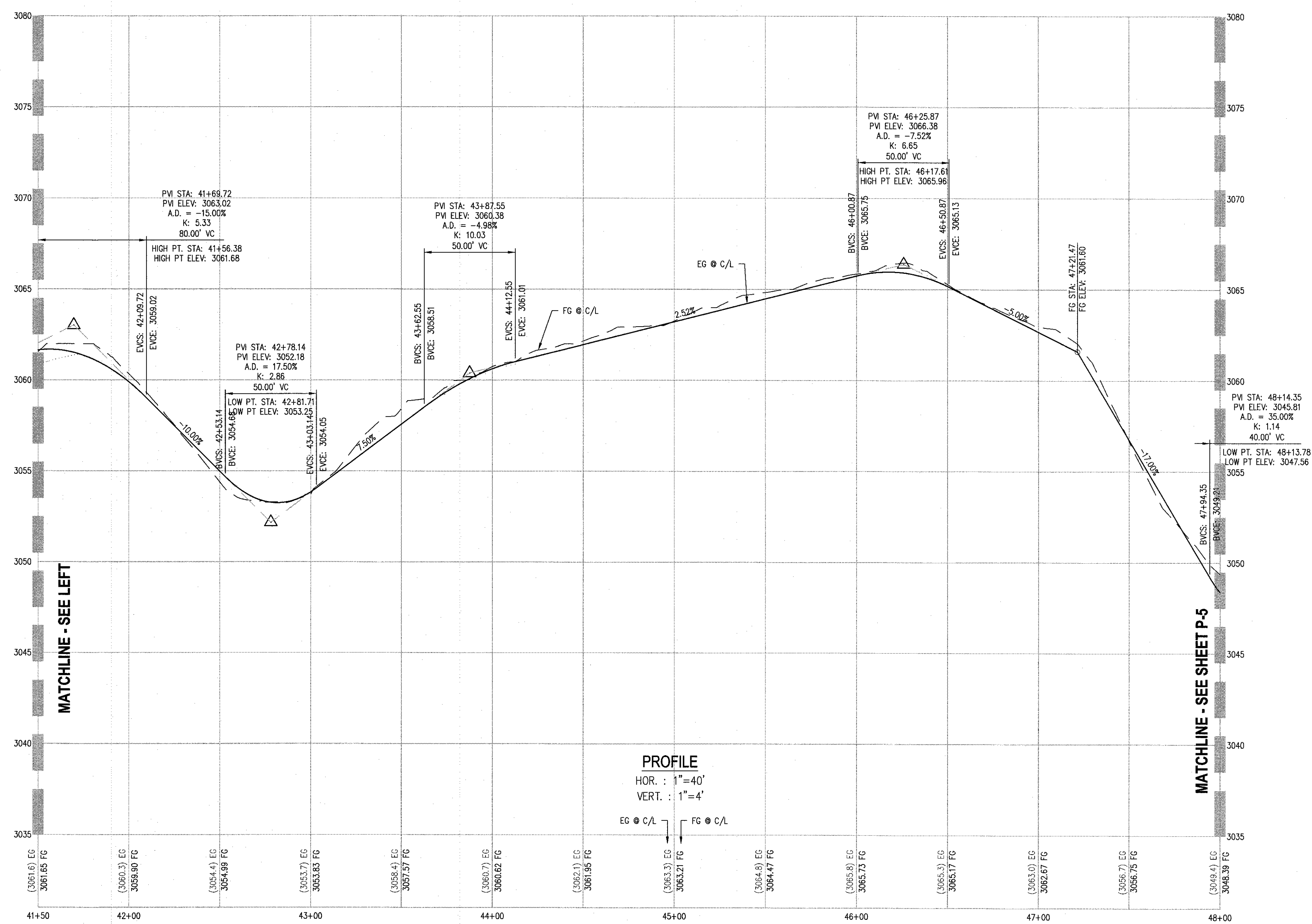
PLAN
(PUBLIC)



PLAN
(PUBLIC)



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



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

STORMWATER RUNOFF MANAGEMENT
(REQUIRED FOR ALL SITES GREATER THAN 1 ACRE (43,560 SQ.FT.))

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 DISCHARGED TO, OR ACCUMULATE IN, THE PUBLIC RIGHTS OF WAYS 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.
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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 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 LOCATIONS AND ALL BMPs WEEKLY, AND WITHIN 24 HOURS AFTER ANY ACTUAL RAIN EVENT OF 0.5 INCHES 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 SUSPENSION OF LAND DISTURBANCE ACTIVITIES REFER TO NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR100000, SECTION III.A.12.
5. ACCUMULATED SEDIMENT IN BMPs SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT, WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE.

LEGAL DESCRIPTION
BEING A PORTION OF THE SOUTHWEST QUARTER (SW1/4) OF SECTION 12, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

DISCLAIMER NOTE
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BASIS OF BEARING
THE BEARING OF THE EAST LINE OF THE SOUTHEAST QUARTER (SE1/4) OF SECTION 12, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF IN BOOK 147, PAGE 71 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA.

BENCHMARK
USDA BRASS CAP ON AN IRON PIPE, 140' SOUTHWEST OF TELEPHONE POLE #269947, SOUTHWEST CORNER OF THE U.S. 95/KYLE CANYON TURNOFF.
ELEVATION = 2817.62 FEET, 858.81 METERS
N.A.S.D. 88 DATUM
PER THE CLARK COUNTY VERTICAL CONTROL LAST REVISED 2003

FLOOD ZONE
THE PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE X (UNSHADED) AS DEPICTED ON FLOOD INSURANCE RATE MAP (FIRM) PANEL 32003C1750E DATED SEPTEMBER 27, 2002. A ZONE X (UNSHADED) IS DESCRIBED AS AN AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD.

FLOOD CERTIFICATION
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STEPHEN M. JONES, P.E. 019638 DATE

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
CALL BEFORE YOU DO OVERHEAD
1-702-227-2929

AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHTS. IT'S COSTLY.
Call before you do UnderGround
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7511
1-702-432-5300
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call 811
CLARK COUNTY TRAFFIC OPERATIONS
1-800-227-2600
AND
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

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

CITY OF LAS VEGAS

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON DETENTION BASIN 1

ACCESS ROAD - PLAN AND PROFILE IV

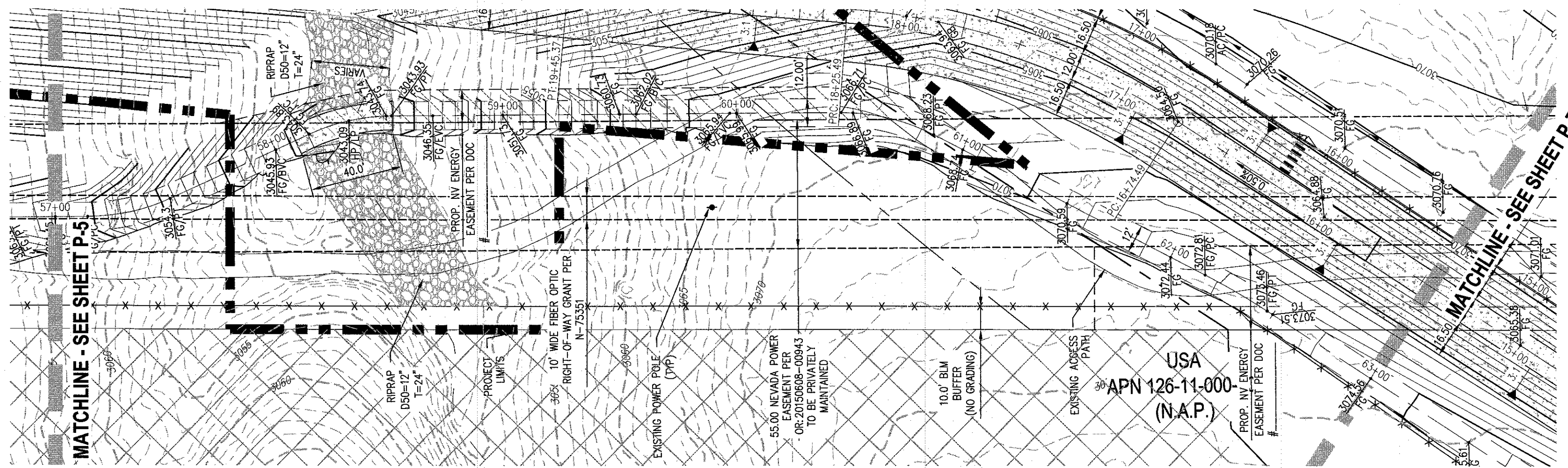
DATE: 8/10/16
DRAFTER: CS
DESIGNER: BM
CHECKED: SMJ
PROJECT NO.
OLY1401.004

PROFESSIONAL ENGINEER - STATE OF NEVADA
STEPHEN M. JONES
No. 019638
8/17/2016

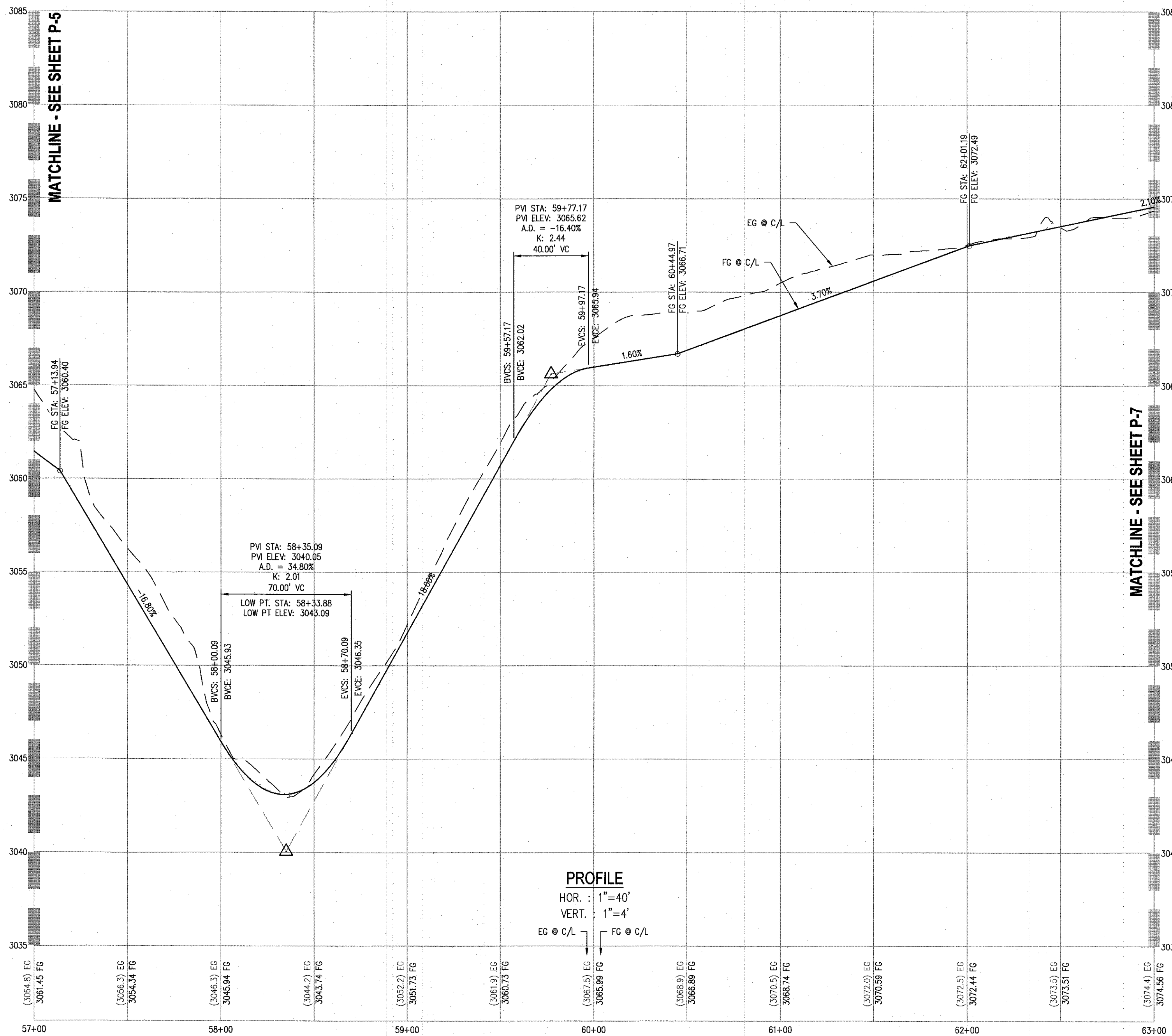
P-4
SHEET 28 OF 49



PROFESSIONAL ENGINEER—STATE OF NEVADA
STEPHEN M. JONES
Exp. 6/30/17
CIVIL
No. 019638
10/17/2010



PLAN
(PUBLIC)



PROFILE

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

LEGAL DESCRIPTION

BEING A PORTION OF THE SOUTHWEST QUARTER (SW1/4) OF SECTION 12, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

DISCLAIMER NOTE

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BASIS OF BEARING

THE BEARING OF THE EAST LINE OF THE SOUTHEAST QUARTER (SE1/4) OF SECTION 12, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF IN BOOK 147, PAGE 71 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA.

BENCHMARK

USDA BRASS CAP ON AN IRON PIPE, 140' SOUTHWEST OF TELEPHONE POLE #269941, SOUTHWEST CORNER OF THE U.S. 95/KYLE CANYON TURNOFF.
ELEVATION = 2817.62 FEET, 858.813 METERS
N.A.S.D. 88 DATUM
PER THE CLARK COUNTY VERTICAL CONTROL LAST REVISED 2003

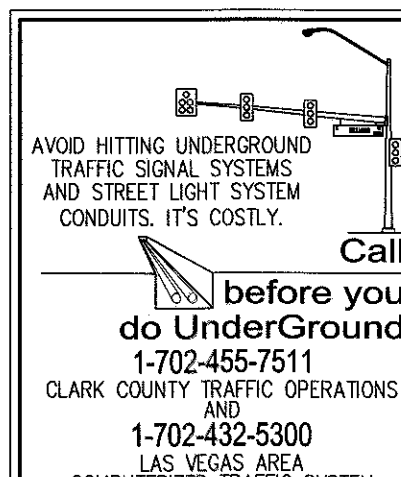
FLOOD ZONE

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FLOOD CERTIFICATION

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY IS 4688 ON FILE AT CITY OF LAS VEGAS FOR THE SUBJECT PROJECT.

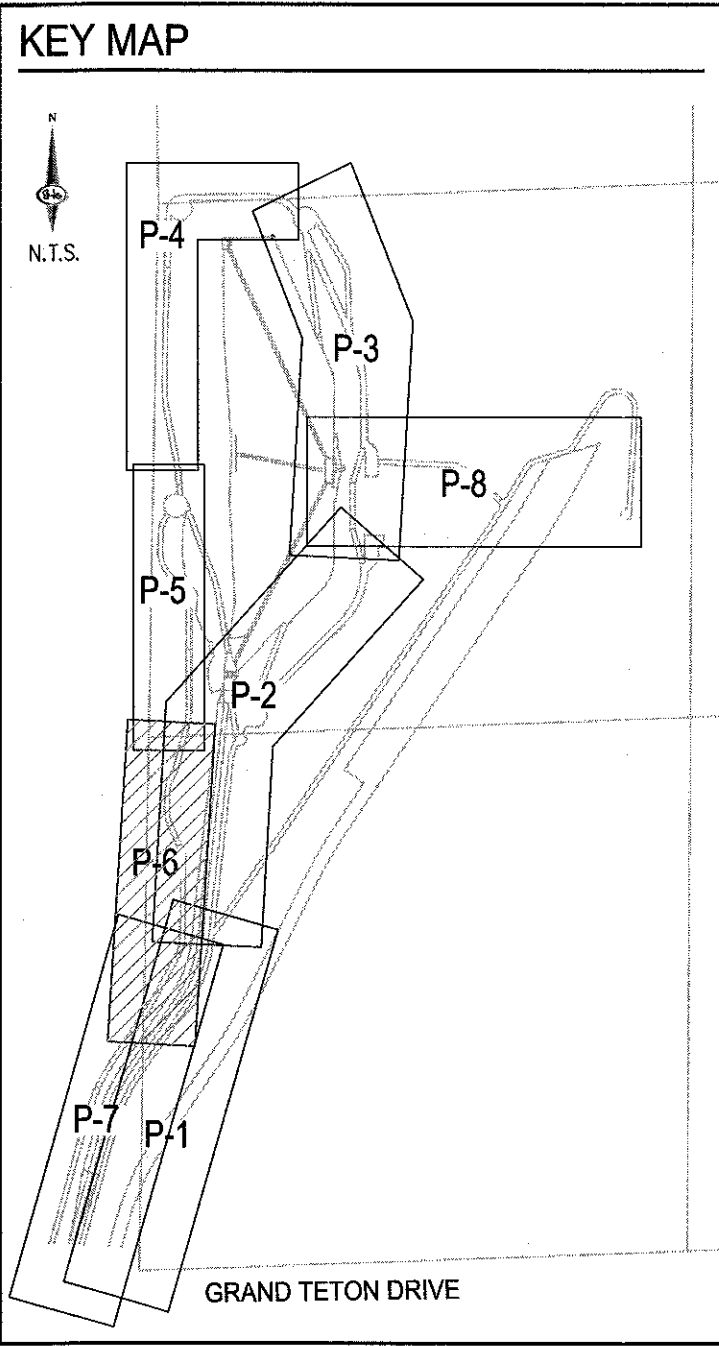
STEPHEN M. JONES, P.E. 019838 DATE



STORMWATER RUNOFF MANAGEMENT

(REQUIRED FOR ALL SITES GREATER THAN 1 ACRE (43,560 SQ.FT.))

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 DISCHARGED TO, OR ACCUMULATE IN, THE PUBLIC RIGHTS OF WAYS 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 OR IF THE SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN THE CITY OF NORTH LAS VEGAS AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BMP GUIDANCE 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 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 LOCATIONS AND ALL BMPs WEEKLY AND WITHIN 24 HOURS AFTER ANY ACTUAL RAIN EVENT OF 0.5 INCHES 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 SUSPENSION OF LAND DISTURBANCE ACTIVITIES. REFER TO NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR100000, SECTION III.A.12.
5. ACCUMULATED SEDIMENT IN BMPs SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT, WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE.



NO.	DESCRIPTION	DATE	BY	APP.

CITY OF LAS VEGAS

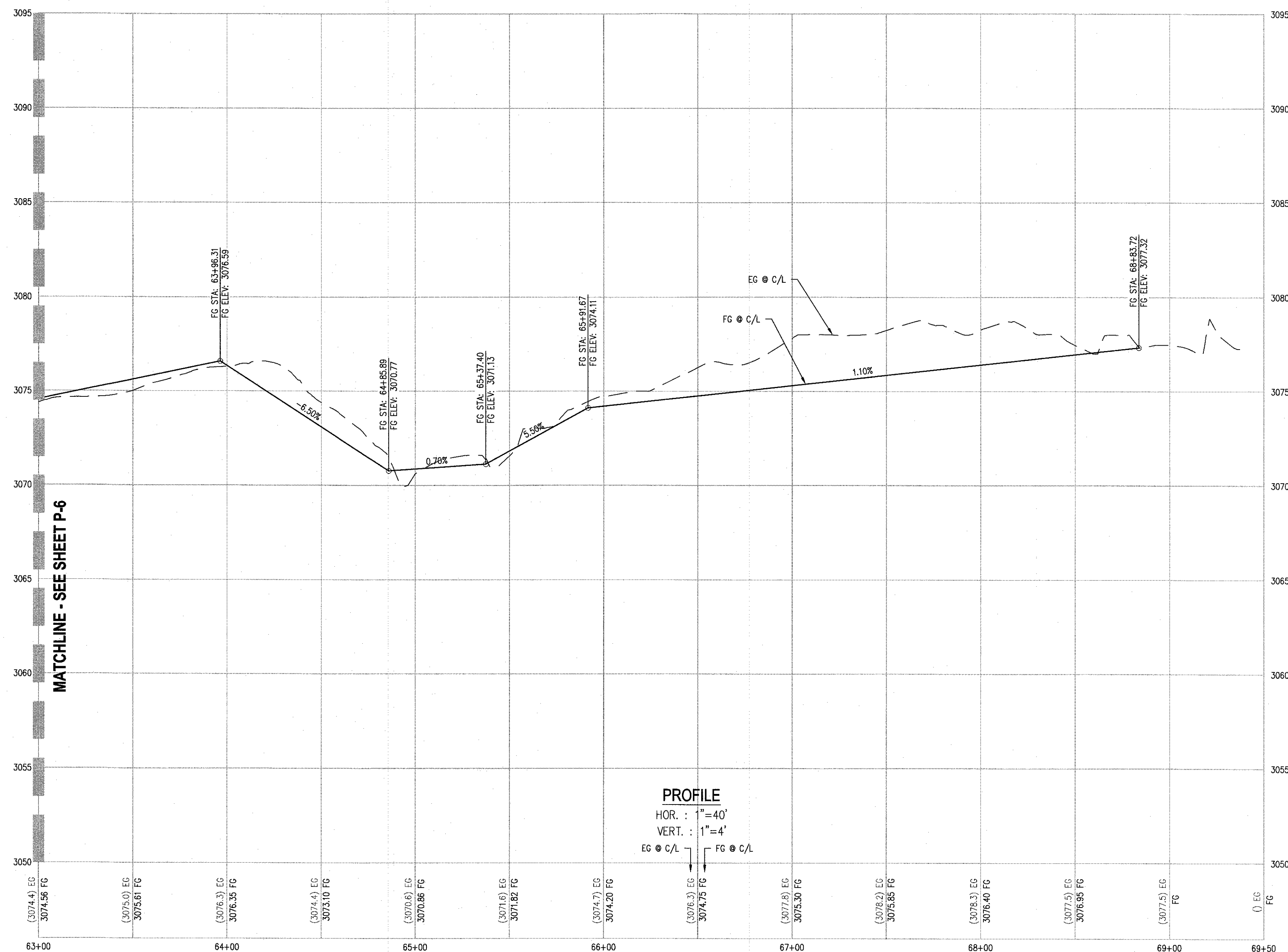
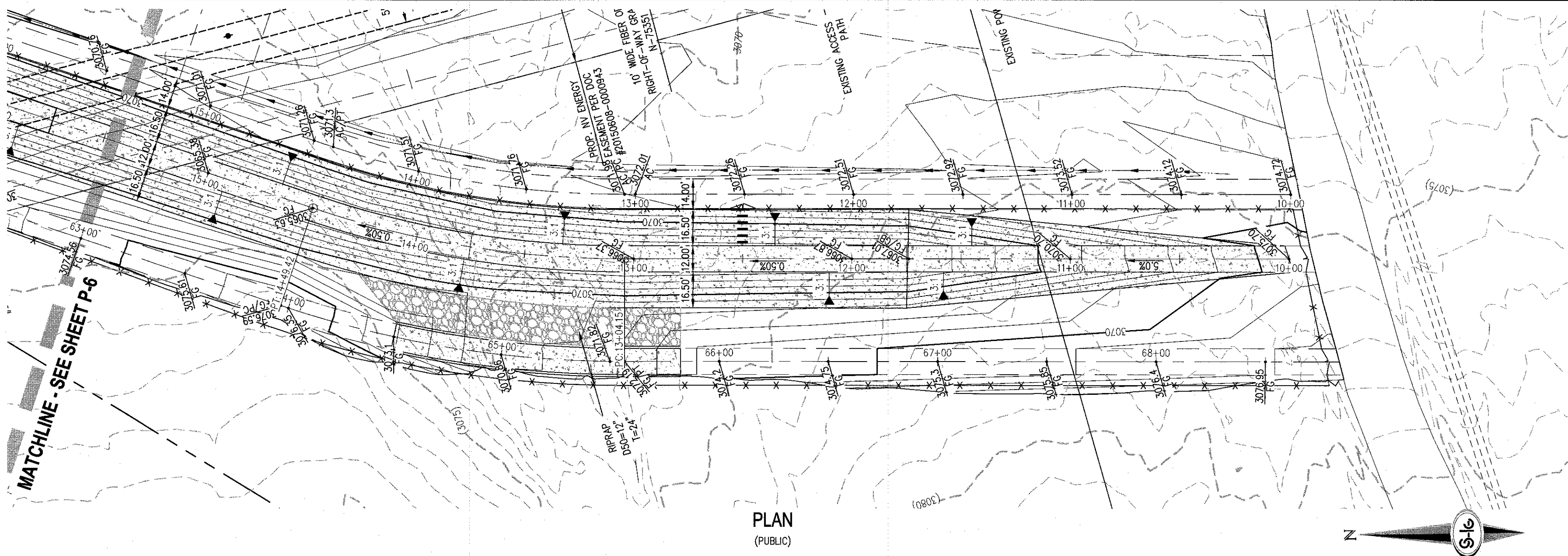
NINETY-FIVE MANAGEMENT LLC
SKYE CANYON DETENTION BASIN 1
ACCESS ROAD - PLAN AND PROFILE VI

DATE: 8/10/16
DRAFTER: CS
DESIGNER: BM
CHECKED: SMJ

PROJECT NO.
OLY1401.004

PROFESSIONAL ENGINEER - STATE OF NEVADA
STEPHEN M. JONES
Exp. 6/30/17
CIVIL
Lic. No. 019838
P-6
SHEET 30 OF 49

A:\941401-004.dwg (9/17/2016 12:15 PM) Chirag Upadhyay



LEGAL DESCRIPTION

BEING A PORTION OF THE SOUTHWEST QUARTER (SW1/4) OF SECTION 12, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

DISCLAIMER NOTE

EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

BASIS OF BEARING

THE BEARING OF THE EAST LINE OF THE SOUTHWEST QUARTER (SE1/4) OF SECTION 12, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF IN BOOK 147, PAGE 71 OF PLATS IN THE CLARK COUNTY RECORDER'S OFFICE, NEVADA.

BENCHMARK

USDA BRASS CAP ON AN IRON PIPE, 140' SOUTHWEST OF TELEPHONE POLE #266947, SOUTHWEST CORNER OF THE U.S. 95/KYLE CANYON TURNOFF.
ELEVATION = 2817.62 FEET, 858.813 METERS
N.A.S.D. 88 DATUM
PER THE CLARK COUNTY VERTICAL CONTROL LAST REVISED 2003

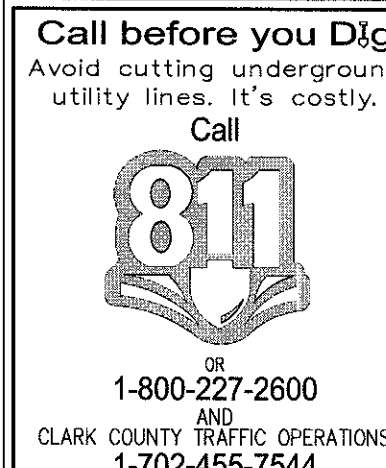
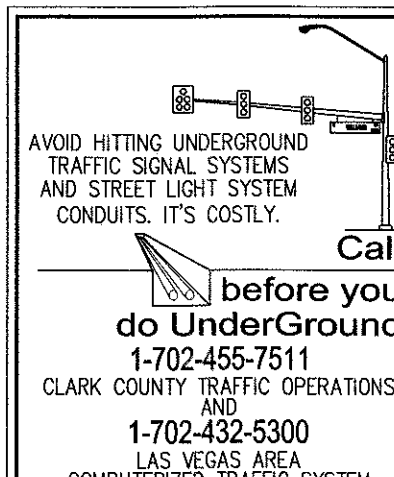
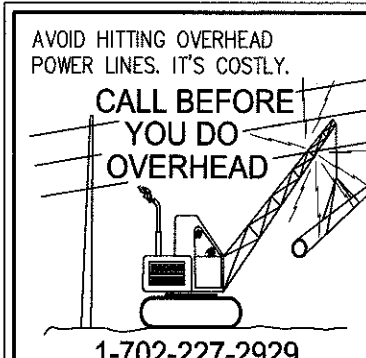
FLOOD ZONE

THE PROJECT SITE IS LOCATED WITHIN A FEMA DESIGNATED ZONE X (UNSHADED) AS DEPICTED ON FLOOD INSURANCE RATE MAP (FIRM) PANEL 32003C1750E DATED SEPTEMBER 27, 2002. A ZONE X (UNSHADED) IS DESCRIBED AS AN AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD.

FLOOD CERTIFICATION

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS_4698 ON FILE AT CITY OF LAS VEGAS FOR THE SUBJECT PROJECT.

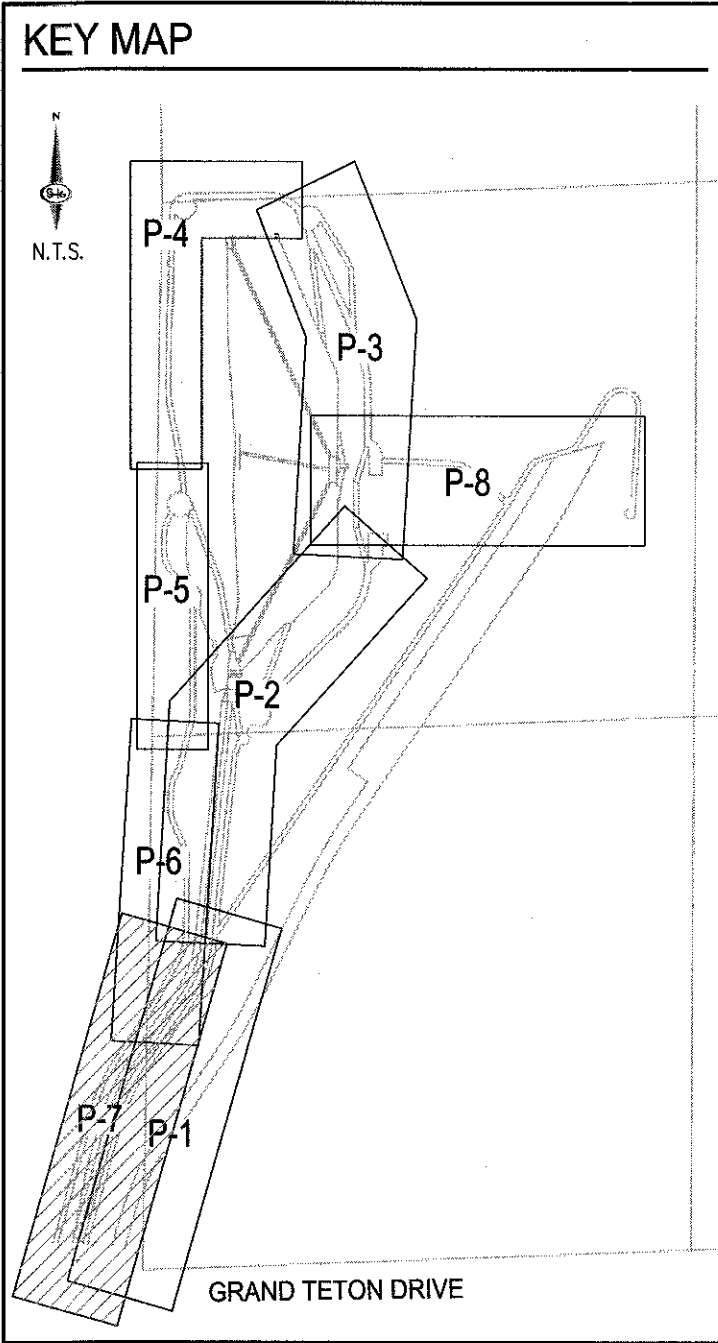
STEPHEN M. JONES, P.E. 019638 DATE



STORMWATER RUNOFF MANAGEMENT

(REQUIRED FOR ALL SITES GREATER THAN 1 ACRE (43,560 SQ.FT.))

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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 LOCATIONS AND ALL BMPs WEEKLY AND WITHIN 24 HOURS AFTER ANY ACTUAL RAIN EVENT OF 0.5 INCHES 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 SUSPENSION OF LAND DISTURBANCE ACTIVITIES. REFER TO NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR100000, SECTION II.A.12.
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NINETY-FIVE MANAGEMENT LLC
SKYE CANYON DETENTION BASIN 1
ACCESS ROAD - PLAN AND PROFILE VI

DATE: 8/10/16

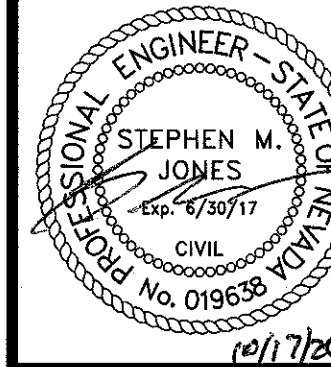
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DESIGNER: BM

CHECKED: SMJ

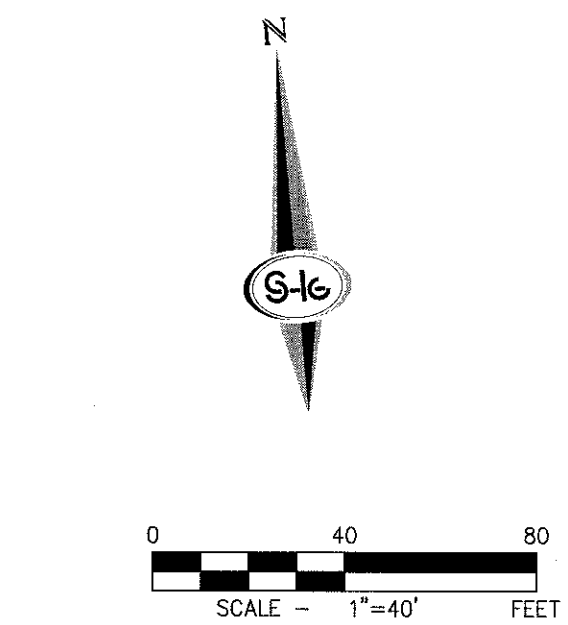
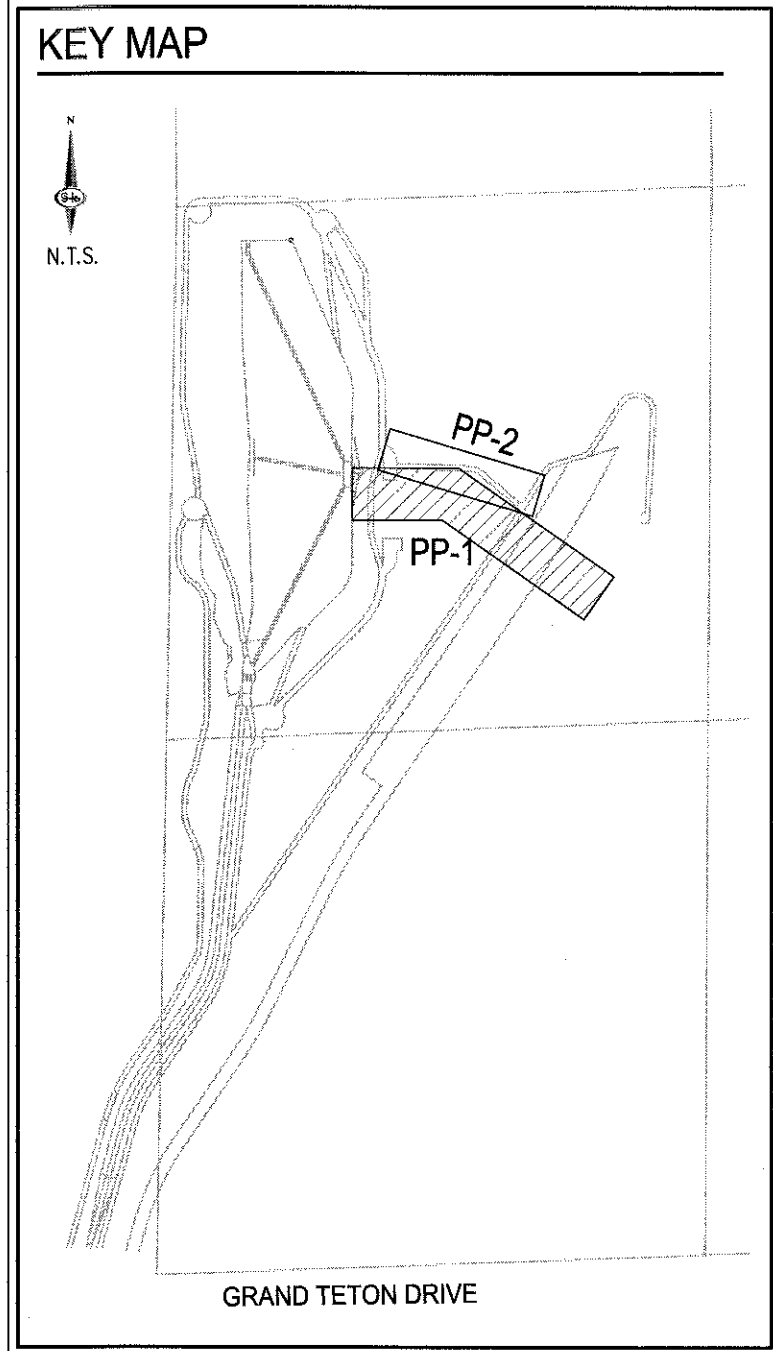
PROJECT NO.

OLY1401.004



P-7
SHEET 31 OF 49

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

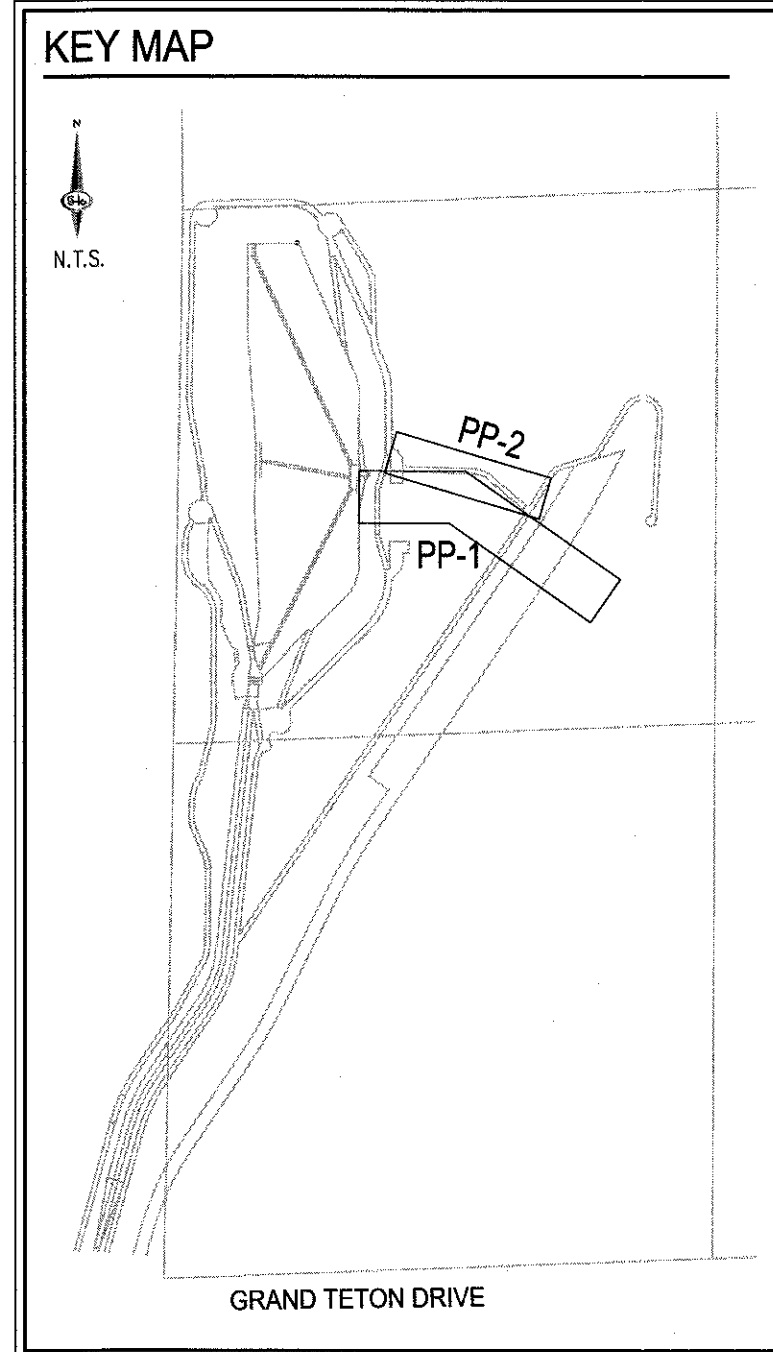
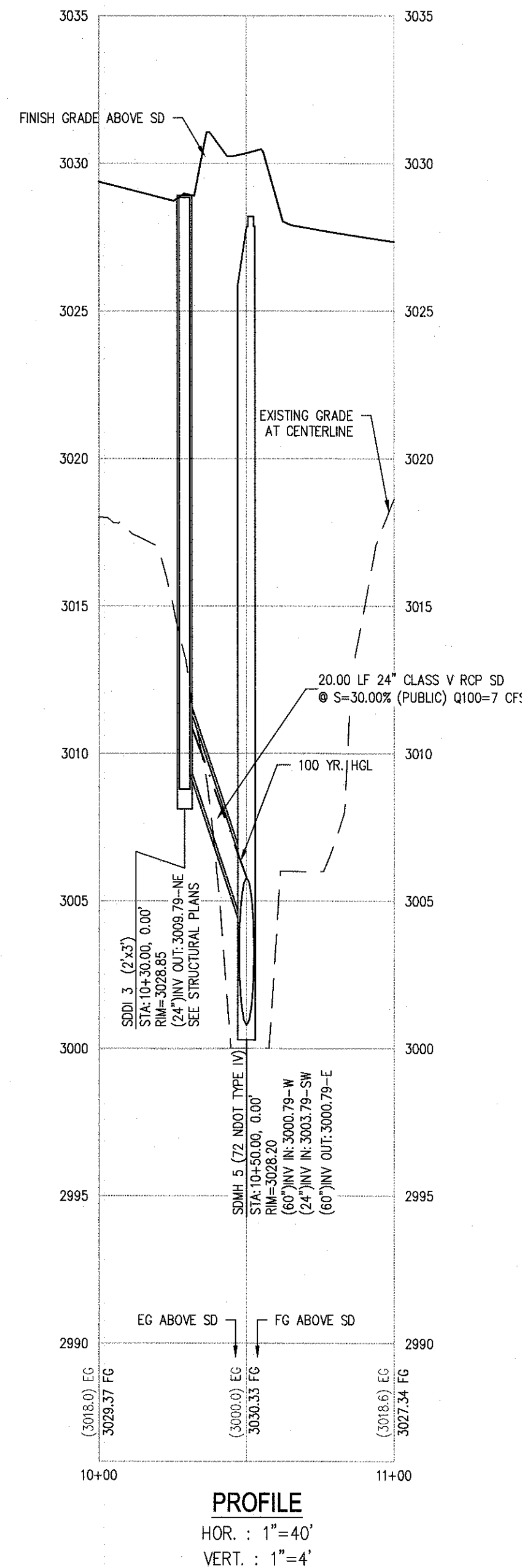
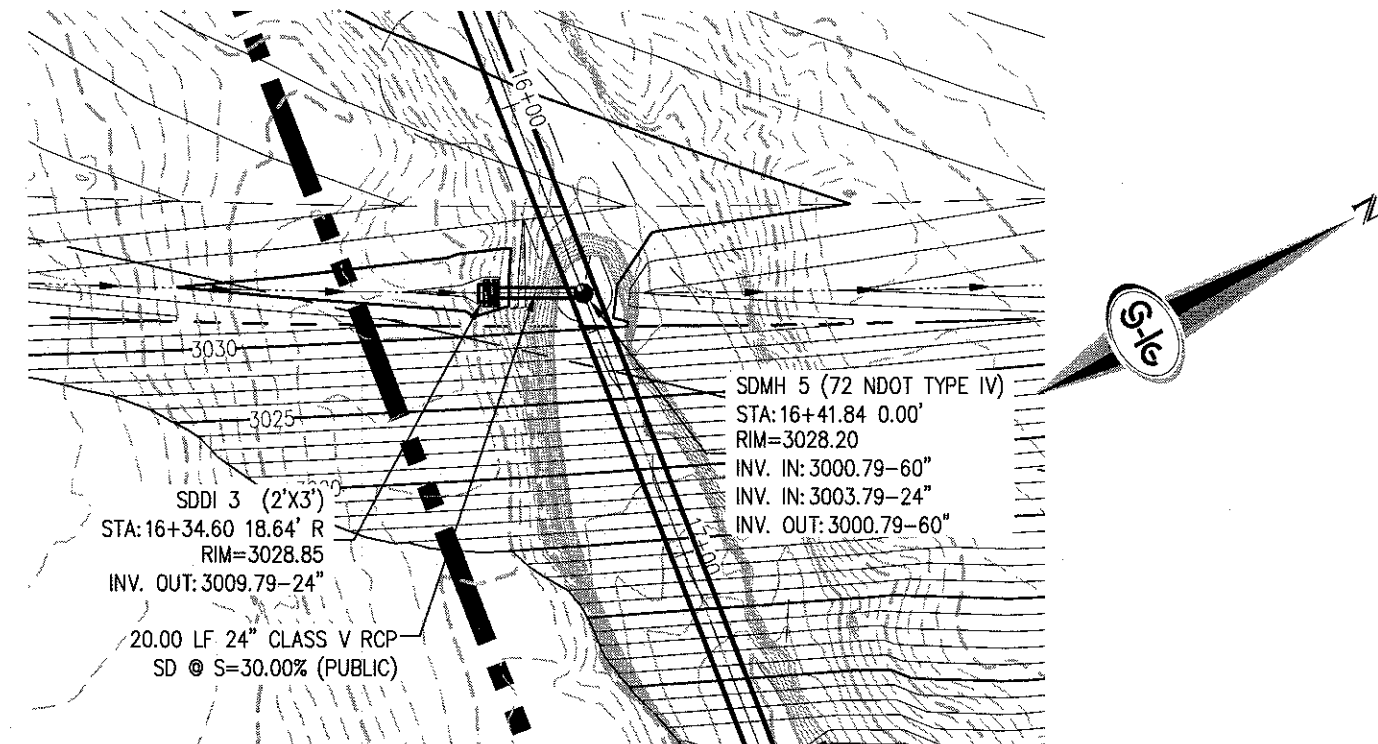
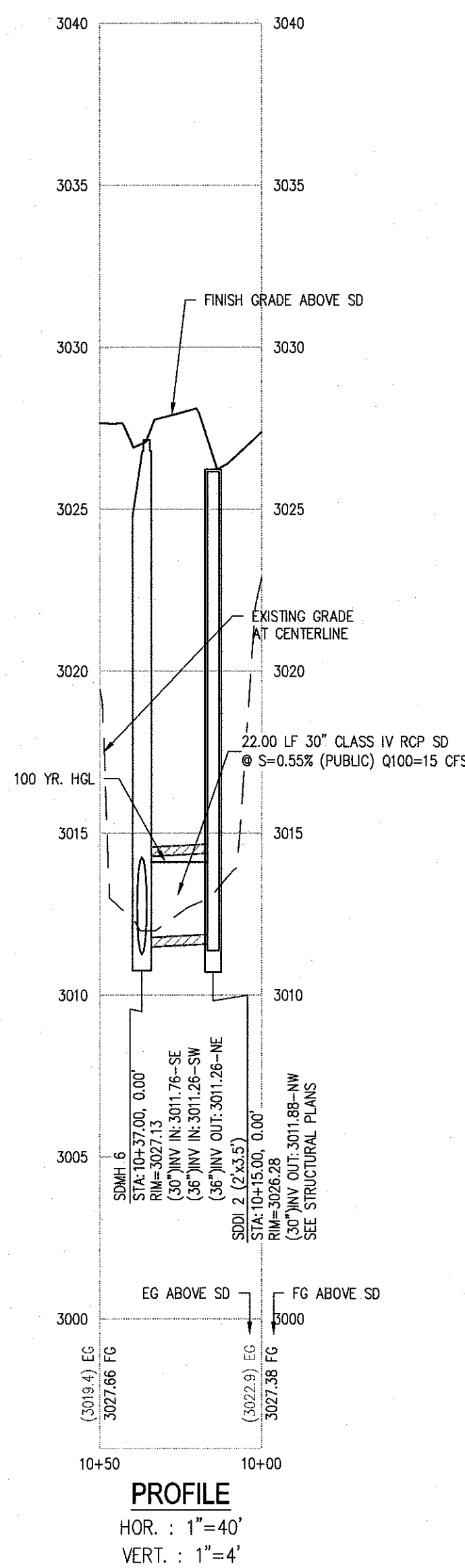
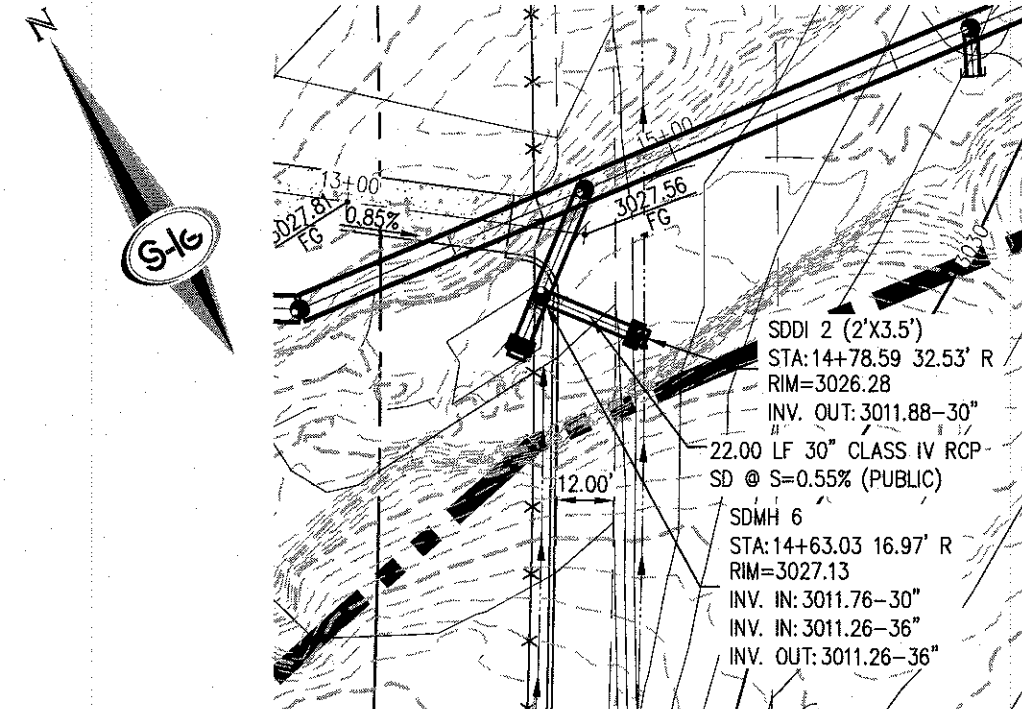
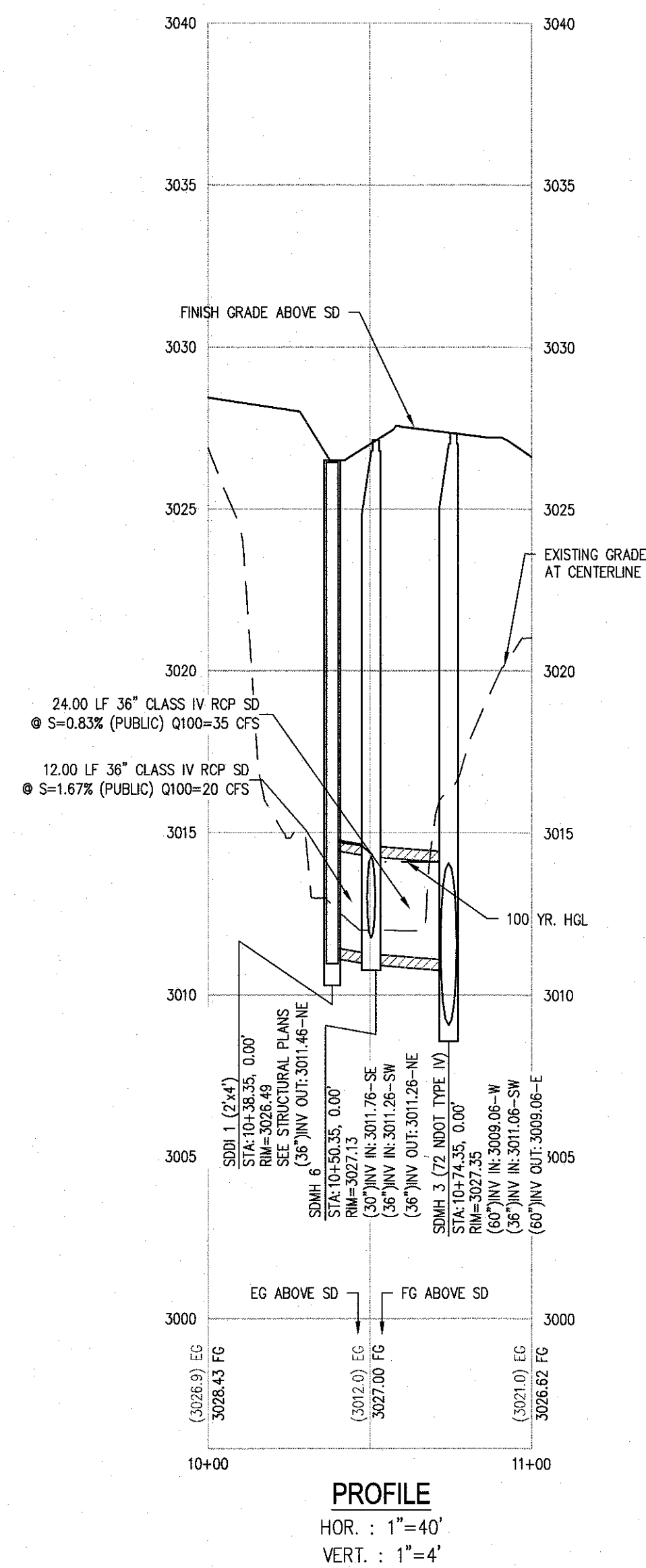
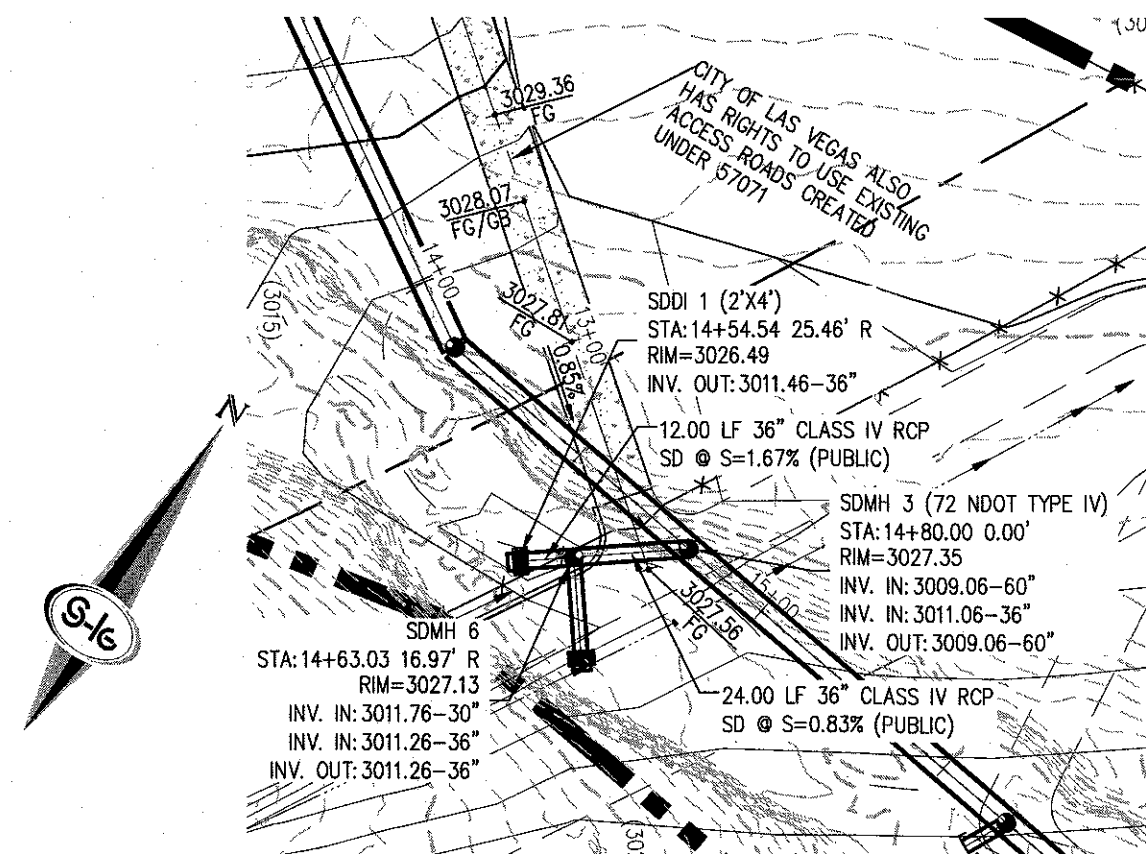


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Call before you Dig
Avoid cutting underground utility lines. It's costly.
Call

OR
1-800-227-2600
AND
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

PP-1
SHEET 33 OF 49



STORMWATER RUNOFF MANAGEMENT
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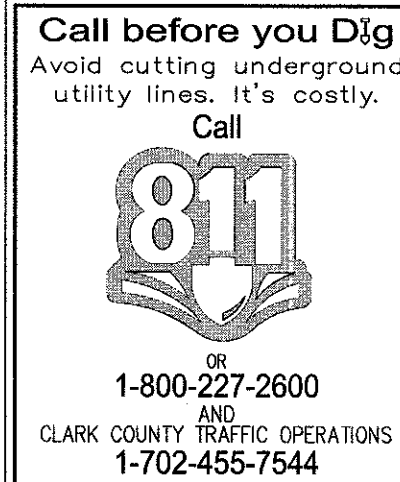
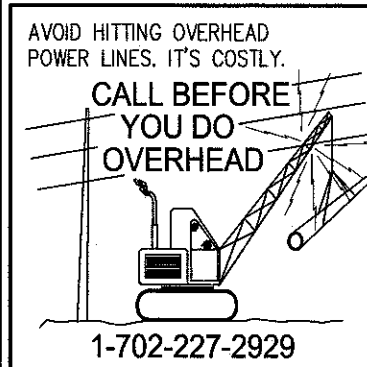
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N.A.S.D. 88 DATUM
PER THE CLARK COUNTY VERTICAL CONTROL LAST REVISED 2003

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STEPHEN W. JONES, P.E. 019638 DATE



SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S. ARVILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5309

CITY OF LAS VEGAS

NINETY-FIVE MANAGEMENT LLC

SKYE CANYON DETENTION BASIN 1

ACCESS ROAD - PLAN AND PROFILE VIII

DATE: 8/10/16
DESIGNER: CM
CHECKED: SMJ
PROJECT NO. OLY1401.004

PP-2
SHEET 32 OF 49