

APN #'s : 178-11-501-006
178-12-201-002
178-12-301-001

A PORTION OF THE EASTERN HALF OF SECTION 11, TOWNSHIP 22 SOUTH, RANGE 62 EAST, M.D.M., AND A PORTION OF THE WESTERN HALF OF SECTION 12, TOWNSHIP 22 SOUTH, RANGE 62 EAST, M.D.M.

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A PORTION OF THE EASTERN HALF OF SECTION 11, TOWNSHIP 22 SOUTH, RANGE 62 EAST, M.D.M., AND A PORTION OF THE WESTERN HALF OF SECTION 12, TOWNSHIP 22 SOUTH, RANGE 62 EAST, M.D.M.

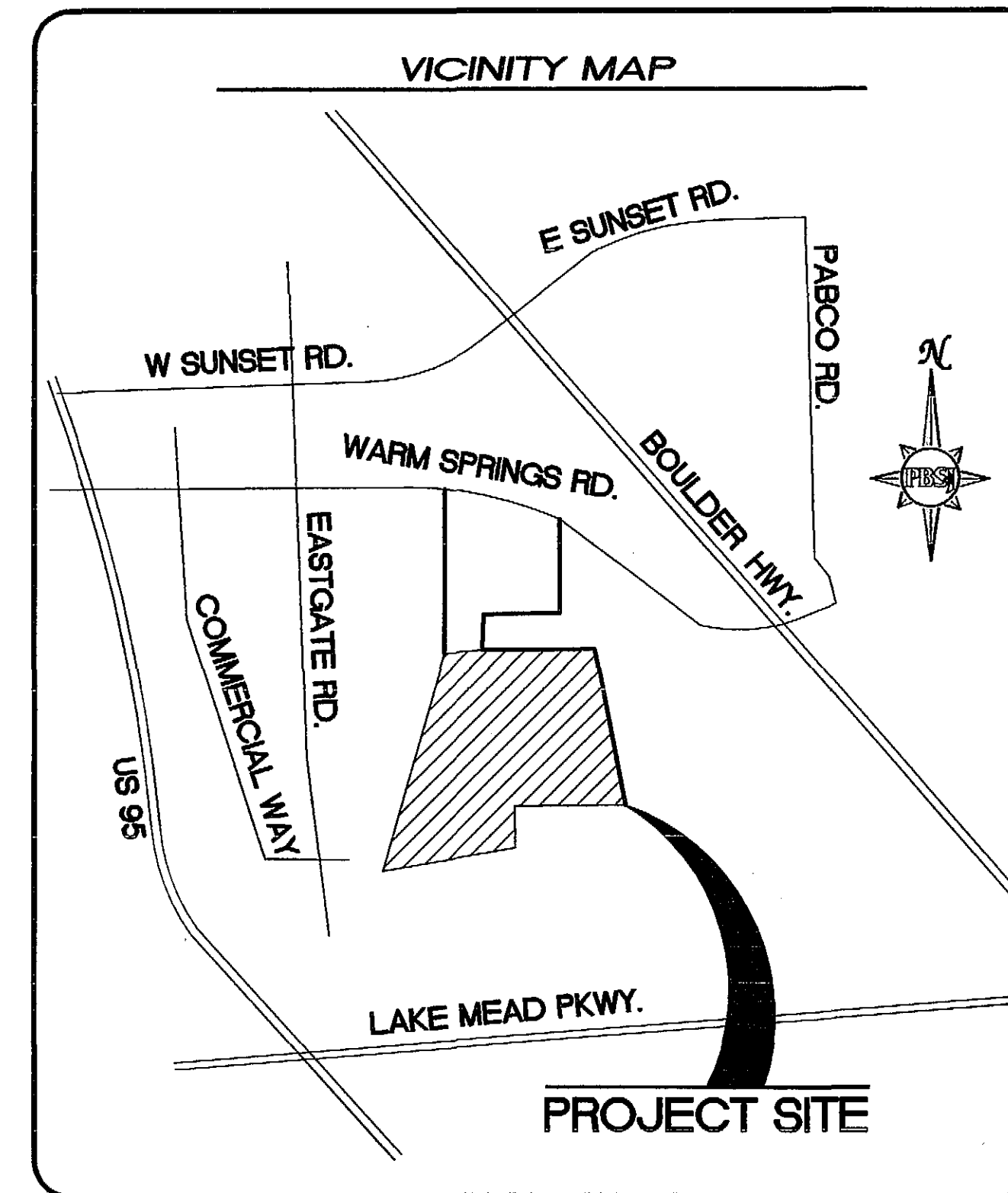
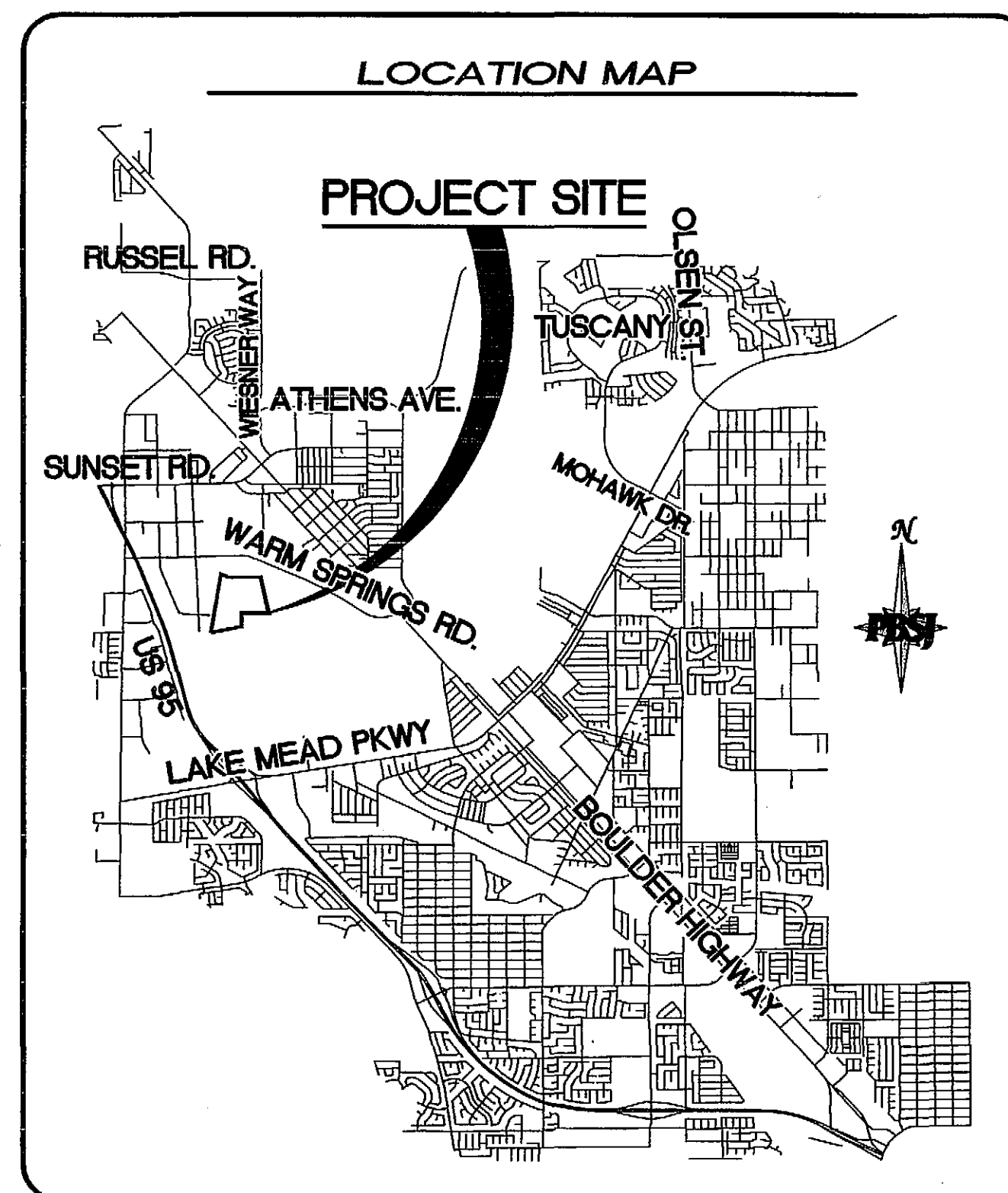
SAID PARCELS CONTAIN APPROXIMATELY 142.79 ACRES.

PROJECT HAS A WORKABLE BOUNDARY OF APPROXIMATELY 73.50 ACRES.

SOUTH 85°36'52" WEST - BEING THE BEARING BETWEEN CLARK COUNTY GIS CONTROL POINTS "CC-GIS 848" AND "CC-GIS W51" AS SHOWN ON THE MAP IN FILE 88 OF SURVEYS, PAGE 53, OFFICIAL RECORDS, CLARK COUNTY, NEVADA.

CLARK COUNTY BENCHMARK NO. 6C22 4E6- RIVET AND PLATE IN
TOP OF CURB SOUTHEAST CORNER OF SUNSET ROAD AND
CAMARLO PARK DRIVE NEAR THE PC OF SUNSET ROAD.
NAVD 1988 DATUM
ELEVATION = 533.553 METERS
1750.50 FEET
(REVISED 2003)

1.	C1	COVER SHEET
2.	C2	GENERAL NOTES
3.	D1	DETAILS I
4.	D2	DETAILS II
5.	H1	HORIZONTAL CONTROL
6.	MG1	MASS GRADING
7.	G1	GRADING PLAN I
8.	G2	GRADING PLAN II
9.	G3	GRADING PLAN III
10.	G4	GRADING PLAN IV
11.	G5	GRADING PLAN V
12.	G6	GRADING PLAN VI
13.	G7	GRADING PLAN VII
14.	P1	PLAN AND PROFILES I
15.	P2	PLAN AND PROFILES II
16.	P3	PLAN AND PROFILES III
17.	P4	PLAN AND PROFILES IV
18.	P5	PLAN AND PROFILES V
19.	P6	PLAN AND PROFILES VI
20.	P7	PLAN AND PROFILES VII
21.	P8	PLAN AND PROFILES VIII
22.	S1	SECTIONS I
23.	S2	SECTIONS II



LAS VEGAS VALLEY WATER DISTRICT (SHEETS PROJECT # _____ DATE _____)

CLARK COUNTY FIRE DEPARTMENT DATE

CLARK COUNTY WATER RECLAMATION DISTRICT DATE

CCWRD PROJECT CONTROL NUMBER IS _____
SIGNATURE ON THESE PLANS SHALL NOT BE CONSTRUED
TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION
OF CLARK COUNTY WATER RECLAMATION DISTRICT RULES, REGULATIONS,
OR DESIGN AND CONSTRUCTION STANDARDS. THE APPROVAL
OF THESE DRAWINGS DOES NOT GUARANTEE CAPACITY IN
THE DISTRICT'S COLLECTION OR TREATMENT SYSTEM.

SOUTHWEST GAS CORPORATION DATE

EMBARQ	DATE
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"THE AFFIXED EMBARK NEVADA 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.

NEVADA POWER COMPANY _____ DATE _____

DISCLAIMER: _____

NEVADA POWER-HENDERSON

THIS APPROVAL IS ONLY FOR THE PLACEMENT OF AND
CLEARANCE OF STREET LIGHTS AND SIGNAL LIGHT INSTALLATION.

NOTES:

NEVADA POWER COMPANY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS ASSOCIATED WITH THIS PROJECT. NEVADA POWER COMPANY 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.

COX COMMUNICATIONS LAS VEGAS, INC. DATE

**AVOID CUTTING UNDERGROUND
UTILITY LINES. IT'S COSTLY.**

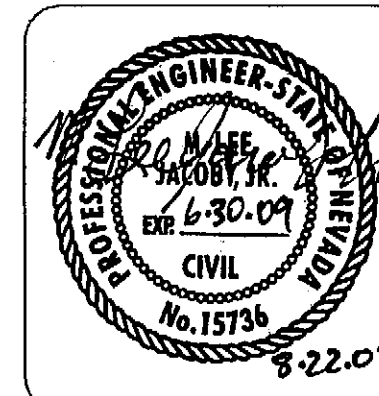
**Call
before you
Dig.**

1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

AVOID OVERHEAD POWER LINE
CONTACT. IT'S COSTLY.

Call
before you
OVERHEAD

1-702-227-2929
NEVADA POWER ENVIRONMENT AND
SAFETY SERVICES INCORPORATED

[illegible]

LVVWD PROJECT #

1. NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN APPROVED FOR CONSTRUCTION BY THE LVVWD. FOLLOWING WATER PLAN APPROVAL, NOTICE SHALL BE GIVEN TO THE LVVWD COMMUNICATION SUPPORT CENTER (258-7171) TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION. FOR FUTURE INSPECTIONS, NOTICE MUST BE GIVEN BY 2:00 P.M. THE BUSINESS DAY PRIOR TO THE REQUESTED LVVWD INSPECTION. WHEN REQUESTING INSPECTIONS, PLEASE REFER TO THE PROJECT # IDENTIFIED ABOVE.
2. ALL WORK SHALL CONFORM TO LVVWD'S STANDARD PLATES, DRAWINGS, SPECIFICATIONS, AND TO THE 2003 EDITION OF UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS).
3. ALL WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2, SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT DRAFT OR EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENT, CLARK COUNTY AREA.
4. A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVWD.
5. ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING WITH LVVWD APPROVED SERVICE SADDLES.
6. ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
7. ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY AND CURB GUTTERS.
8. ALL WATER AND STORM DRAIN OR SANITARY SEWER CROSSINGS SHALL CONFORM TO SECTION 2.19 OF THE 2003 EDITION OF THE UDACS.
9. ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION TO THE LVVWD'S DISTRIBUTION SYSTEM.
10. THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM LVVWD CENTRAL STORES. TELEPHONE 258-3152 OR 258-3802, TWO (2) WORKING DAYS PRIOR TO METER PICKUP.
11. ANY INTERRUPTIONS OF SERVICES MUST BE APPROVED BY THE LVVWD INSPECTIONS DIVISIONS PRIOR TO SHUTDOWN. PROPER WRITTEN NOTIFICATION MUST BE GIVEN TO ALL AFFECTED CUSTOMERS.
12. ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE AS LISTED ON THE LVVWD PRE-APPROVED MATERIALS AND MANUFACTURER'S LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.
13. TELEPHONE "CALL BEFORE YOU DIG" AT 1-800-227-26003

ESN.019
REVISED 06/01/04

1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE 1997 EDITION OF THE UNIFORM FIRE CODE, AND THE 1995 EDITION OF NATIONAL FIRE PROTECTION ASSOCIATION PAMPHLET #24.
2. ON ANY BUILDING CONSTRUCTION - ACCESSIBLE FIRE HYDRANTS SHALL BE INSTALLED BEFORE COMBUSTIBLE MATERIALS ARE DELIVERED TO THE SITE AND CONSTRUCTION COMMENCES. SAID FIRE HYDRANTS SHALL BE IN GOOD WORKING ORDER WITH THE REQUIRED WATER SUPPLY.
3. IF, DURING CONSTRUCTION, IT BECOMES NECESSARY TO CLOSE ANY CONTROL VALVE OR PLACE A HYDRANT OUT OF SERVICE, THE CLARK COUNTY FIRE DEPARTMENT MUST BE CONTACTED.
4. PAINTING OF CURBS AND/OR STRIPING OF ASPHALT AREAS AND PROTECTION OF HYDRANTS FROM PHYSICAL INJURY PER FIRE HYDRANT INSTALLATION SPECIFICATIONS OF THE FIRE PREVENTION BUREAU.
5. NO FIRE HYDRANT SHALL BE LOCATED WITHIN 25 FEET OF ANY STRUCTURE, OR WITHIN 5 FEET OF ANY DRIVEWAY, POWER POLE, LIGHT STANDARD, OR ANY OTHER OBSTRUCTION, FOR WALL, FENCE, AND PLANTER LOCATIONS, A PERMITTER AROUND THE HYDRANT MEASURING A MINIMUM OF 5 FEET FROM THE EXTERIOR SHALL BE MAINTAINED CLEAR OF ALL OBSTRUCTIONS AT ALL TIMES.
6. AT ALL TIMES DURING CONSTRUCTION, SUITABLE EMERGENCY VEHICLE ACCESS ROADS MUST BE MAINTAINED. ROADWAYS MUST BE SMOOTH, COMPACTED, AND CAPABLE OF SUPPORTING THE IMPOSED LOADS OF ALL EMERGENCY VEHICLES.
7. PRIOR TO ACCEPTANCE OF ANY PRIVATE FIRE SERVICE MAIN, A SATISFACTORY HYDROSTATIC TEST WITH PIPING JOINTS UNCOVERED MUST BE CONDUCTED. APPROVED PLANS AND A CONTRACTOR'S MATERIALS AND TEST CERTIFICATE MUST BE PROVIDED AT THE TIME OF THE INSPECTION.
8. BLUE REFLECTIVE MARKERS MUST BE INSTALLED BEFORE FINAL HYDRANT ACCEPTANCE CAN BE ATTAINED. [97 UFC Sec. 901.4.3].

1. ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREIN SHALL BE IN PLACE AND IN FINAL POSITION PRIOR TO ALLOWING ANY PUBLIC TRAFFIC ONTO THE PORTIONS OF THE ROAD(S) BEING IMPROVED HEREUNDER, REGARDLESS OF THE STATUS OF COMPLETION OF PAVING OR OTHER OFF-SITE IMPROVEMENTS CALLED FOR BY THESE PLANS.
2. BEFORE ANY WORK IS STARTED IN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS FOR THE CONSTRUCTION ZONE. THE CONTRACTOR SHALL INSTALL TEMPORARY REMOVAL MOUNTED STOP SIGNS AT ALL NEW STREET ENVOACHMENTS INTO EXISTING COUNTY STREETS IMMEDIATELY AFTER FIRST GRADING WORK IS ACCOMPLISHED, AND SHALL MAINTAIN SAID SIGNS UNTIL PERMANENT SIGNS ARE INSTALLED.
3. ALL CONSTRUCTION SIGNING, BARRICADING AND PAVEMENT MARKINGS SHALL CONFORM TO THE NEVADA WORK ZONE TRAFFIC CONTROL HANDBOOK -- 1986 AND TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
4. IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY OBSTRUCTION, TEMPORARY REMOVAL OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKING, SUCH PAVEMENT MARKING SHALL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE COUNTY TRAFFIC MANAGER.
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. 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 III SHEETING.
6. IF A PROPOSED STREETLIGHT STANDARD IS FIELD LOCATED TO WITHIN FIVE (5) FEET OF ANY SIGN SHOWN HEREON TO BE MOUNTED ON A SIGN POST, THEN CHANGE SIGN MOUNTING TO ONE ON THE STREETLIGHT STANDARD.
7. PRIOR TO CONSTRUCTION, THE STREET SIGN CONTRACTOR SHALL OBTAIN STREET NAMES AND BLOCK NUMBERING FROM THE CURRENT PLANNING DIVISION OF THE DEPARTMENT OF COMPREHENSIVE PLANNING.
8. ALL TRAFFIC SIGNAL POLE ASSEMBLIES, STEEL PEDESTALS FOR CABINETS, AND STREETLIGHT POLES SHALL BE GALVANIZED PER ASTM A-123.
9. ALL STREET LIGHTING INSTALLATIONS EXCEPT AS NOTED ON THE STREET LIGHTING PLANS SHALL CONFORM TO THE UNIFORM STANDARD DRAWINGS AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA LATEST EDITION OF EACH.
10. THE FOLLOWING CLARK COUNTY UNDERGROUND FACILITIES MAY BE LOCATED IN THIS PROJECT AREA: STREET LIGHTING, TRAFFIC SIGNALS AND FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION (F.A.S.T.) INTERCONNECT CABLE. YOU MUST CONTACT CLARK COUNTY TRAFFIC MANAGEMENT DIVISION, OPERATIONS UNIT AT 455-7511 FOR LOCATIONS AT LEAST 48 HOURS PRIOR TO WORKING IN THE AREA. CLARK COUNTY IS NOT A MEMBER OF CALL BEFORE YOU DIG (UNDERGROUND SERVICE ALERT), AND A CALL TO THAT ORGANIZATION DOES NOT RELIEVE CONTRACTOR OF LIABILITY FOR CLARK COUNTY FACILITIES.
11. F.A.S.T. INTERCONNECT CABLE POLICY IS IN EFFECT. INTERCONNECT CABLE MUST BE MAINTAINED AT ALL TIMES. DEVELOPER/CONTRACTOR SHALL PROVIDE TEMPORARY OVERHEAD INTERCONNECT CABLE MANAGEMENT DEVICES IN THE WORK AREA. TEMPORARY AERIAL INSTALLATION MUST BE ACCEPTABLE TO THE COUNTY TRAFFIC MANAGER AND TO F.A.S.T. ANY DAMAGE TO THIS CABLE IS DEEMED AN EMERGENCY BY F.A.S.T. CITY OF LAS VEGAS, CLARK COUNTY AND NDOT MUST BE REPAIRED IMMEDIATELY TO F.A.S.T. ACCEPTANCE. FOUR HOUR DAY DAMAGES MAY BE ASSESSED AFTER 24 HOURS HAS ELAPSED FROM TIME OF BREAK OR DAMAGE.
12. ALL NEW OR REPLACEMENT TRAFFIC SIGNAL LOOPS SHALL BE INSTALLED USING CABLE-IN-DUCT WIRING, WHICH HAVE INDEPENDENT WIRING FOR EACH LOOP FROM THE CONTROLLER TO THE PULL-BOX, AND EACH LEAD-IN SHALL BE INDIVIDUALLY TAGGED.
13. TRAFFIC SIGNAL PEDESTRIAN HEADS SHALL BE THE LED TYPE.
14. ELECTRICAL POWER SERVICE POINT LOCATION(S) FOR STREET LIGHTING AND TRAFFIC SIGNALS MUST BE INDICATED ON THE PLANS. IF CONNECTING TO AN EXISTING CIRCUIT, INDICATE LOCATION OF EXISTING SERVICE POINT FOR EACH CIRCUIT.
15. WHEN STREET LIGHTS ARE TO BE CONNECTED TO AN EXISTING CIRCUIT, THE ELECTRICAL ENGINEER MUST CERTIFY THAT THE EXISTING CIRCUIT IS CAPABLE OF HANDLING THE ADDITIONAL CIRCUIT LOAD.
16. CLARK COUNTY RESERVES THE RIGHT TO REQUEST STREETLIGHT AND TRAFFIC SIGNAL POLES AND ASSEMBLIES WHICH HAVE A "STRIPED" APPEARANCE.
17. PRIOR TO BEGINNING OF CONSTRUCTION, MODIFICATION, OR RELOCATION OF ANY TRAFFIC SIGNAL SYSTEM, WRITTEN NOTICE SHALL BE SUBMITTED TO THE CLARK COUNTY TRAFFIC MANAGEMENT DIVISION OF THE DATE THAT WORK WILL BEGIN.
18. THREE (3) NORMAL WORKING DAYS PRIOR TO TURN-ON OR COMPLETION OF MODIFICATIONS TO A TRAFFIC SIGNAL SYSTEM, WRITTEN NOTICE SHALL BE SUBMITTED TO THE CLARK COUNTY TRAFFIC MANAGEMENT DIVISION THAT WORK IS BEING COMPLETED AND THE PROPOSED DATE OF COMPLETION.

INSPECTIONS ARE REQUIRED. CALL 24 HOURS IN ADVANCE, 455-4610. YOUR PERMIT, APPROVED PLANS, AND BARRICADE PLANS FOR THIS WORK MUST BE ON THE JOB SITE AT ALL TIMES.

EXACT LOCATION OF ALL SAW-CUT LINES SHALL BE DETERMINED IN THE FIELD BY CLARK COUNTY INSPECTOR.

CURB AND GUTTER WITH A GRADE OF LESS THAN 4/10 OF ONE PERCENT SHALL BE CONSTRUCTED BY FORMING. EACH JOINT SHALL BE CHECKED FOR GRADE PRIOR TO CONSTRUCTION AND WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION.

FINAL ASPHALTIC CONCRETE (AC) PAVEMENT SURFACES SHALL BE ONE-HALF (1/2") INCH ABOVE THE LIP OF THE GUTTER (INCLUDING OPEN GRADE).

ALL OFF-SITE IMPROVEMENT CONSTRUCTION SHALL CONFORM TO THE UNIFORM STANDARD SPECIFICATIONS AND STANDARD DRAWINGS CLARK COUNTY AREA NEVADA AND CLARK COUNTY SUPPLEMENT TO UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS, LATEST REVISION.

PRIVATE STREETS, CURB & GUTTER AND VALLEY GUTTERS REFLECTED ON THESE PLANS ARE TO BE INSPECTED BY A CLARK COUNTY INSPECTOR.

WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER STANDARD DRAWING 235. EXACT LOCATION OF RAMPS SHALL BE DETERMINED IN THE FIELD BY CLARK COUNTY INSPECTOR.

PROPER SIGNS, BARRIERS, BARRICADES AND LIGHTS SHALL BE PLACED AND MAINTAINED IN ACCORDANCE WITH THE LATEST "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS". TRAFFIC, SCHOOL, OR STREET SIGNS OF ANY KIND ARE NOT TO BE MOVED FOR ANY REASON WITHOUT FIRST COORDINATING WITH THE DEPARTMENT OF DEVELOPMENT SERVICES, CIVIL ENGINEERING DIVISION INSPECTOR @ 455-4610.

THIS PLAN DOES NOT AUTHORIZE THE CLOSURE OF ANY ROAD OR STREET.

NO OPEN TRENCH SHALL BE ALLOWED ACROSS ANY STREET OR WITHIN TEN (10') FEET OF ANY TRAVEL-WAY, EXCEPT WHEN WORK IS IN ACTUAL PROGRESS. AREAS COVERED BY ACCEPTABLE STEEL PLATE ARE NOT TO BE CONSTRUED AS A TRENCH. NO OPEN TRENCH IS PERMITTED IN EXCESS OF 500 FEET OR LENGTH NECESSARY TO ACCOMMODATE PIPE INSTALLATION IN A SINGLE DAY, WHICH EVER IS GREATER. ALL TRENCH CROSSINGS AND BACKFILL SHALL MEET THE STANDARD SPECIFICATION UNLESS OTHERWISE STATED.

A TEMPORARY PATCH IS TO BE IN PLACE AT THE END OF EACH WORK DAY WHERE THE BACKFILL IN THE TRENCH HAS BEEN COMPLETED AND PRIOR TO OPENING THE WORK AREA BACK OF TRAFFIC AND IS TO BE MAINTAINED BY THE PERMITEE. A PERMANENT PATCH IS TO BE IN PLACE WITHIN THIRTY (30) DAYS AFTER THE INSTALLATION OF THE TEMPORARY PATCH.

COMPACTION TESTS ARE REQUIRED.

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS AND STANDARD DRAWINGS CLARK COUNTY AREA NEVADA AND "CLARK COUNTY SUPPLEMENT TO UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS" LATER EDITIONS, ANY OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY, THE UNIFORM BUILDING CODE, AND ALL APPLICABLE CODES AND ORDINANCES.
2. EXACT LOCATION OF ALL SAWCUT LINES SHALL BE DETERMINED IN THE FIELD BY A CLARK COUNTY INSPECTOR.
3. PRIVATE STREETS, CURB, GUTTER AND VALLEY GUTTER REFLECTED ON THESE PLANS ARE TO BE INSPECTED BY THE CLARK COUNTY INSPECTION DIVISION.
4. CURB AND GUTTER WITH A GRADE OF LESS THAN FOUR TENTHS OF ONE PERCENT SHALL BE CONSTRUCTED BY FORMING. EACH JOINT SHALL BE CHECKED FOR GRADE PRIOR TO CONSTRUCTION AND WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION.
5. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION CLARK COUNTY STANDARD AND DRAWING NO. 235. EXACT LOCATIONS OF RAMPS SHALL BE DETERMINED IN THE FIELD BY A CLARK COUNTY INSPECTOR.
6. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.
7. LOCATION OF UNDERGROUND UTILITIES SHOWN ON THE DRAWING WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUME ANY RESPONSIBILITY FOR UTILITIES OR STRUCTURES NOT SHOWN OR NOT IN THE LOCATION SHOWN ON THE DRAWINGS.
8. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS, WHICH ARE TO REMAIN IN PLACE. SHOULD ANY DAMAGE OCCUR, THE CONTRACTOR SHALL BE LIABLE AND SHALL PROVIDE REPAIR AT HIS/HER EXPENSE, AND TO THE APPROVAL OF THE ENGINEER AND THE APPROVAL OF THE DAMAGED PARTY.
9. DESIGN OF THE RETAINING WALLS IS SUBJECT TO THE APPROVAL OF THE CLARK COUNTY BUILDING DEPARTMENT.
10. FINAL A.C. PAVEMENT SURFACES SHALL BE ONE HALF INCH ABOVE THE LIP OF GUTTER, (INCLUDING OPEN GRADE).

RIGHT-OF-WAY LINE
CENTERLINE
MATCHLINE
1 FOOT EXISTING SITE CONTOUR
5 FOOT EXISTING SITE CONTOUR
SCARP
FLOW LINE
RETAINING WALL
FLOODWALL
TRW=
TF=
L=
TOP OF RETAINING WALL
TOP OF FOOTING
LENGTH OF WALL
SECTION DESIGNATION
SHEET LOCATION
70.55
FB
1.80%
ELEVATION
DESCRIPTION
RATE OF SLOPE /
DIRECTION OF SLOPE

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' CONSTRUCTION (CITY-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, AS AMENDED). IN ALL CASES, THESE STANDARDS SHALL SUPERSEDE THE UNIFORM STANDARD SPECIFICATIONS. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATION BOOKS.
2. THESE STANDARDS SHALL APPLY TO ALL CONSTRUCTION.
3. SEWER MAINS ONLY TO BE LAID IN SEWER TRENCHES.
4. ALL LATERALS TO BE LAID AT NOT LESS THAN MINIMUM SLOPES AS SHOWN IN THESE STANDARDS.
5. 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 CONTROLLING AGENCY.
6. SOLS TESTING SHALL BE DONE IN ACCORDANCE WITH SECTION 3.11 OF THESE STANDARDS.
7. ALL EXFILTRATION, INFILTRATION, AIR TESTING AND TELEVIEWING OF LINES SHALL BE IN ACCORDANCE WITH THESE STANDARDS.
8. CUT SHEETS MUST BE SUBMITTED TO THE AGENCY BEFORE CONSTRUCTION WILL BE PERMITTED TO START.
9. ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF THE CONTROLLING AGENCY MUST BE CLASS "A" FOR CONTRACTORS.

	SECTION OR DETAIL IDENTIFIER	MAX.	MAXIMUM
	SHEET ON WHICH SECTION OR DETAIL IS DRAWN.	MH	MANHOLE
A.C.	ASPHALTIC CONCRETE	(MIN.)	MINIMUM
B.O.C	BACK OF CURB	MOD.	MODIFIED
B.C.R	BACK OF CURB RETURN	M.U.E.	MUNICIPAL UTILITY EASEMENT
B.F.E	BASE FLOOD ELEVATION	N.G.	NATURAL GROUND
B.U.D.G.	BUILDING	NTS	NOT TO SCALE
B.O	BLOW OFF	NO. OR #	NUMBER
BSW	BACK OF SIDEWALK	OC	ON CENTER
C.	CENTERLINE	OHF	OVERHEAD POWER LINE
C.C.A.U.S.D.	CLARK COUNTY AREA	PC	POINT OF CURVATURE
	UNIFORM STANDARD DRAWINGS	PCC	POINT OF COMPOUND CURVATURE
CFS	CUBIC FEET PER SECOND		PROPERTY LINE
CO	CLEAN OUT	PT	POINT OF TANGENCY
CONC.	CONCRETE	PVC	POLYVINYL CHLORIDE PIPE
CONST	CONSTRUCTION	RCB	REINFORCED CONCRETE BOX
(CONT.)	CONTINUED	RCP	REINFORCED CONCRETE PIPE
DIA	DIAMETER	R.O.W.	RIGHT-OF-WAY
D.I.	DROP INLET	RPPA	REDUCE PRESSURE PRINCIPLE ASSEMBLY
D.I.P.	DUCTILE IRON PIPE		
D.C.S.W.C.S.	DESIGN AND CONSTRUCTION STANDARD FOR WASTEWATER COLLECTION SYSTEMS	SW	SIDEWALK
		S	SLOPE
D.O.M.	DOMESTIC	SH.T.	SHEET
EA	EACH	STD.	STANDARD
EGL	ENERGY GRADE LINE	STA.	STATION
ELEV. OR EL.	ELEVATION	SD	STORM DRAIN LINE
EDA	EDGE OF ASPHALT	SNWA	SOUTHERN NEVADA WATER AUTHORITY
EP	EDGE OF PAVEMENT		
EXST. OR EX.	EXISTING	SS	SANITARY SEWER LINE
F.A.S.T.	FREeway AND ARTERIAL SYSTEM OF TRANSPORTATION	T	TELEPHONE LINE
FC	FACE OF CURB	TB	TOP OF BOX
FF	FINISHED FLOOR ELEV.	TBC	TOP BACK OF CURB
FI	FIRE HYDRANT	T.E.	TRASH ENCLOSURE
FL	FLOW LINE	TO	TOP OF CHANNEL
FG	FINISHED GRADE	TC	TOP OF CURB
FS	FINISHED SURFACE	TO	TOP OF FOOTING
G	GAS LINE	TW	TOP OF WALL
GB	GRADE BREAK	(TYP.)	TYPICAL
GM	GAS METER	VG	VOLUME GUTTER
GR.	DRAIN GRATE	U.D.A.C.S.	UNIFORM DESIGN & CONSTRUCTION STD. FOR WATER DISTRIBUTION SYSTEMS
G	GATE VALVE		
H	HEIGHT	UU	UNDERGROUND UTILITY
HGL	HYDRAULIC GRADE LINE	W/	WITH
HP	HIGH POINT	W	WATER LINE
INV.	INVERT	WM.	WATER METER
(IRR.)	IRRIGATION	WV	WATER VALVE
L	LENGTH		
LF	LINEAR FEET		
LP	LOW POINT		
LVWD	LAS VEGAS VALLEY WATER DISTRICT		

[illegible]

2270 Corporate Circle,
Suite 100
Henderson, NV 89074-6382.
Telephone: 702/263-7275
Fax: 702/263-7200



WASTESIDE LANDFILL
GENERAL NOTES

JOB NO.: 511693.19
FILE NAME: LANDFILL
SCALE:
HORIZ.:
VERT.:

ITE# 06-44325	DESIGNED BY:	
	DRAWN BY:	
C2	2	CHECKED BY:
	23	DATE: AUGUST 21,

F:\projects\511693.19\1693--C.DWG Layout: GEN. NOTES Aug 21, 2007 - 11:56am

AVOID CUTTING UNDERGROUND
UTILITY LINES. IT'S COSTLY.

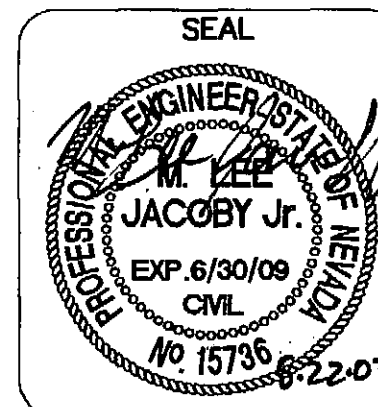
**Call
before you
Dig.**

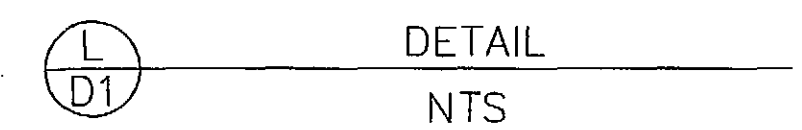
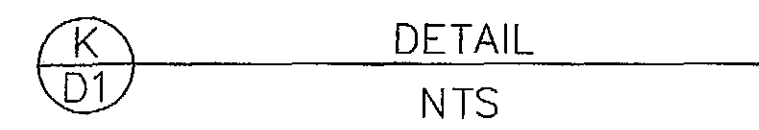
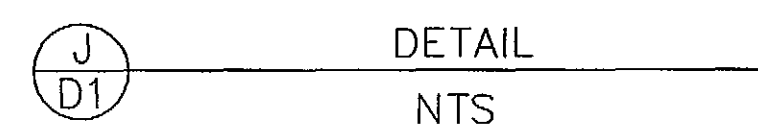
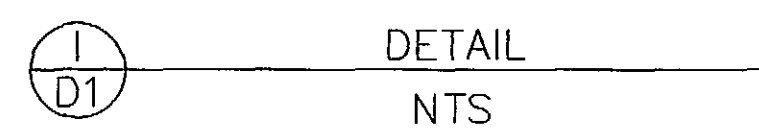
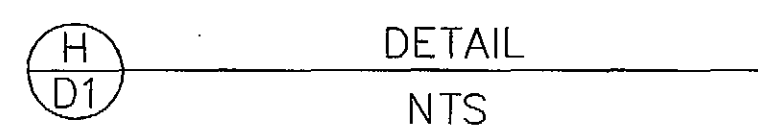
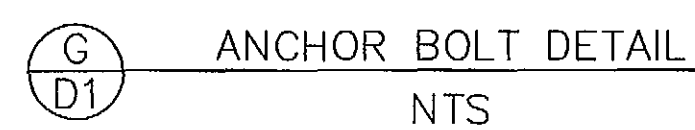
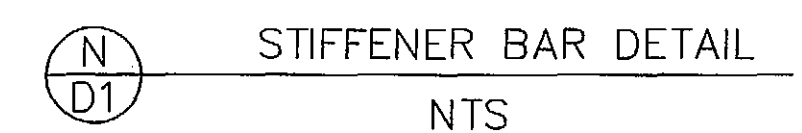
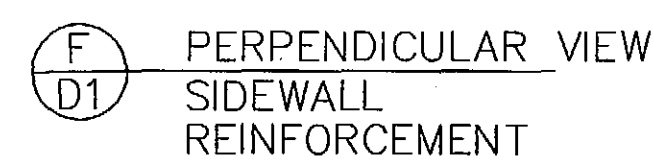
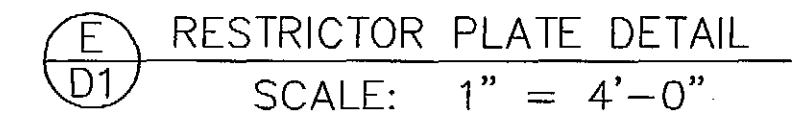
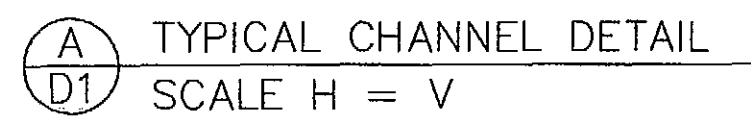
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

AVOID OVERHEAD POWER LINE
CONTACT. IT'S COSTLY.

Call
before you
OVERHEAD

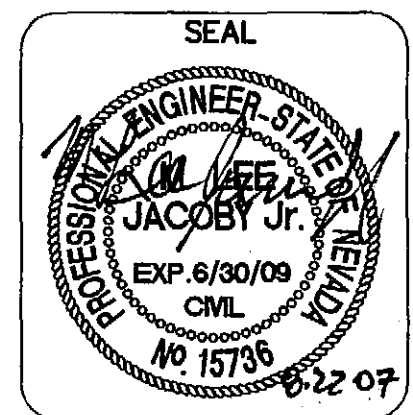
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NEVADA POWER ENVIRONMENT AND
SAFETY SERVICES DEPARTMENT

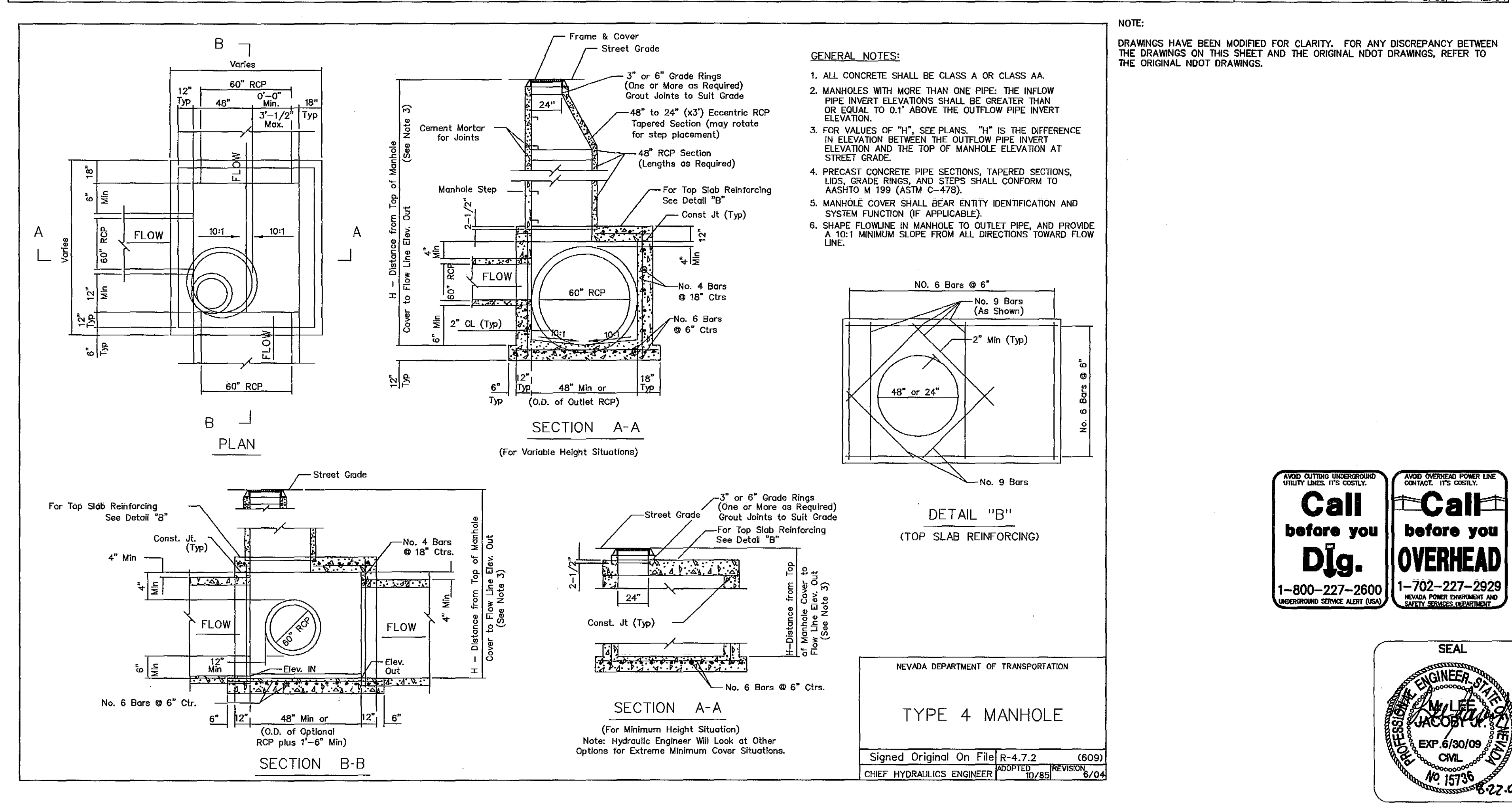
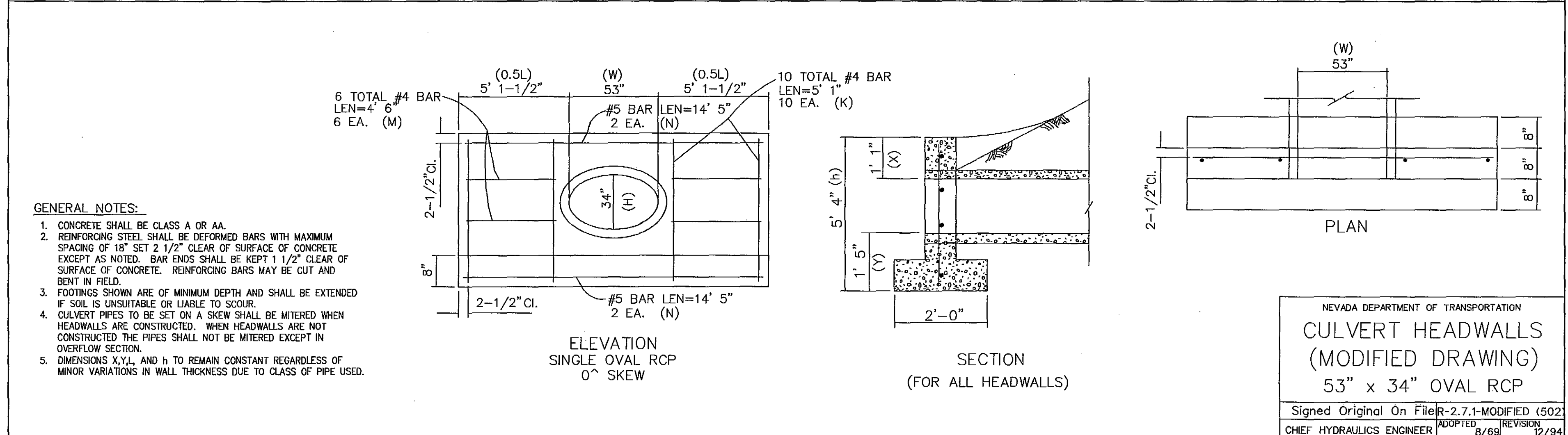
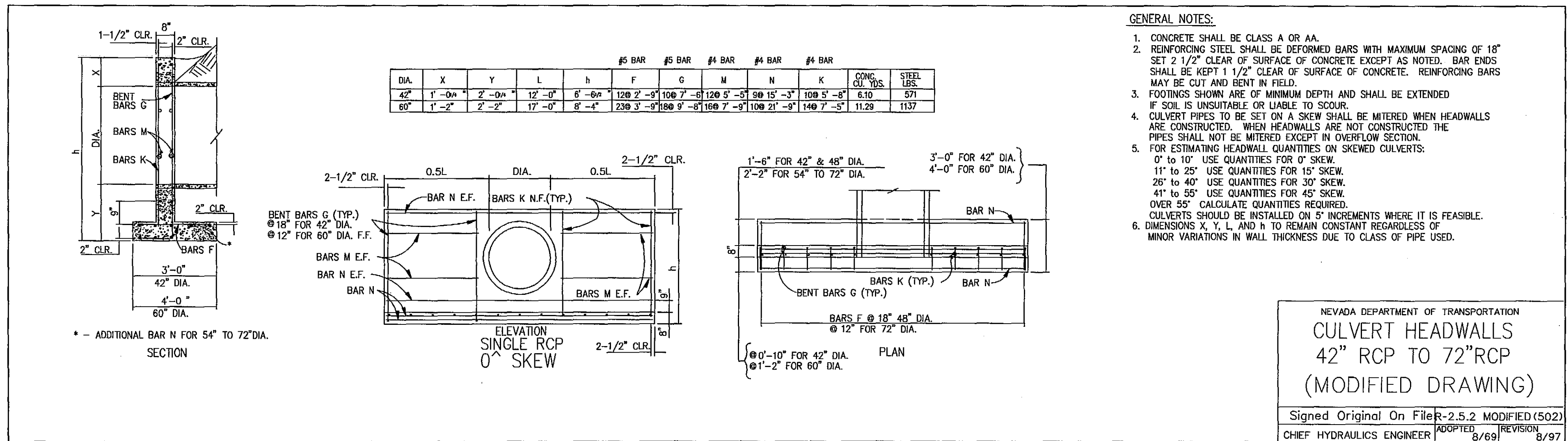




- AVOID CUTTING UNDERGROUND
UTILITY LINES. IT'S COSTLY.
- Call
before you
Dig.**
- 1-800-227-2600
- UNDERGROUND SERVICE ALERT (USA)

- AVOID OVERHEAD POWER LINE
CONTACT. IT'S COSTLY.
- Call**
before you
OVERHEAD
- 1-702-227-2929**
NEVADA POWER ENVIRONMENT AND

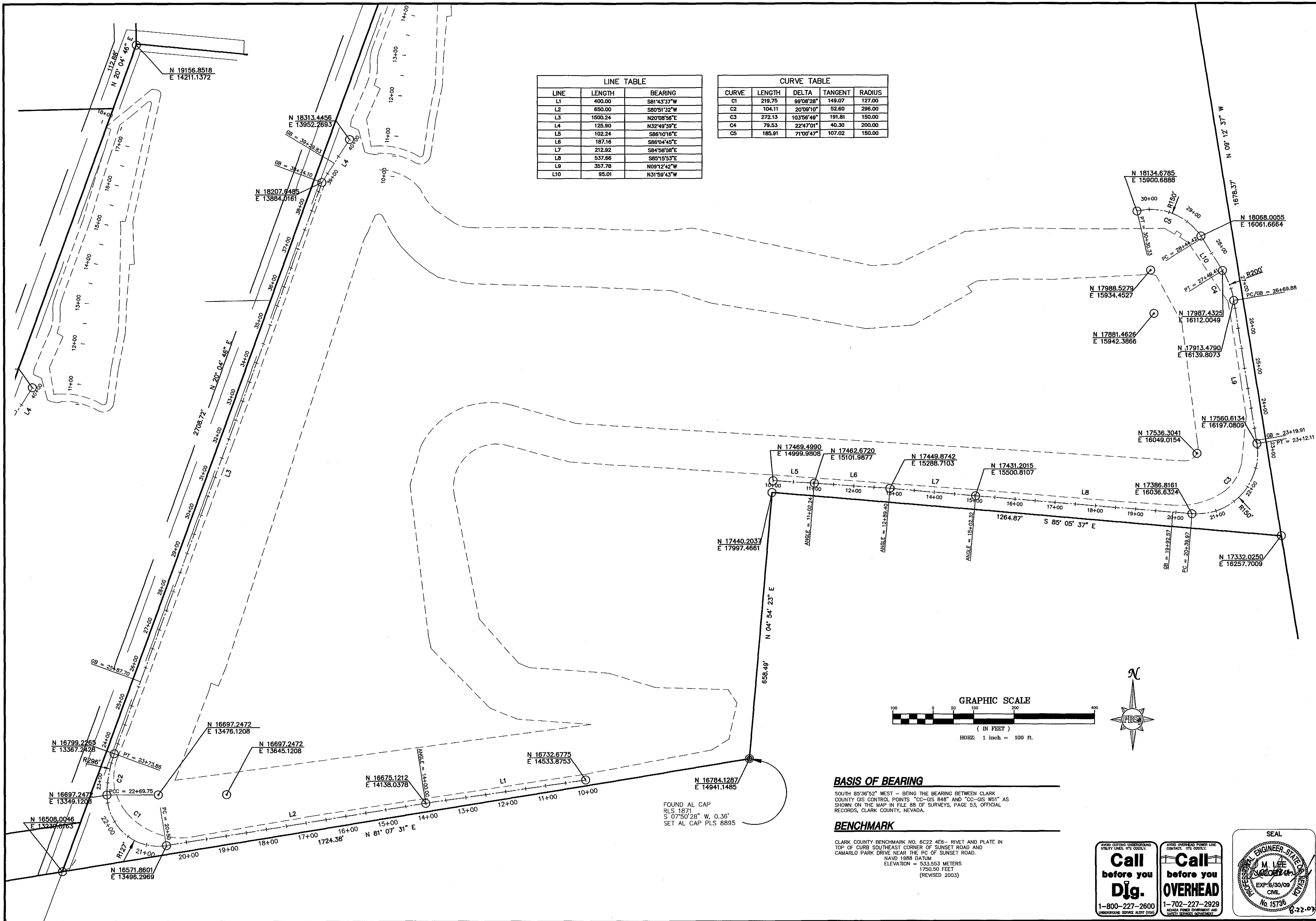
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REV.	DESCRIPTION	BY	DATE	APPROVAL
270 Corporate Oaks Henderson, NV 89044-3432 Phone: 702/264-7275 Fax: 702/264-7280 PROS ENGINEERING PLANNING SURVEYING CONSTRUCTION SERVICES				
EASTSIDE LANDFILL DETAILS II				
DESIGNED BY:	FILE NO.:	FILE NAME:	SCALE:	VERT.:
DRAWN BY:	511693.19	LANDFILL		
CHECKED BY:	-DS			
DATE:	6/30/09			
DATE:	6/22/07			
HTE#	06-44325			
D2				

LINE TABLE		
LINE	LENGTH	BEARING
L1	400.00	S81°43'37"W
L2	650.00	S80°51'32"W
L3	1500.24	N20°08'56"E
L4	125.90	N32°49'39"E
L5	102.24	S86°10'16"E
L6	167.18	S86°04'45"E
L7	212.92	S84°58'08"E
L8	537.66	S85°15'53"E
L9	357.78	N09°12'42"W
L10	95.01	N31°59'43"W

CURVE TABLE				
CURVE	LENGTH	DELTA	TANGENT	RADIUS
C1	219.75	99°08'28"	149.07	127.00
C2	104.11	20°08'10"	52.60	296.00
C3	272.13	103°56'49"	191.81	150.00
C4	79.53	22°47'01"	40.30	200.00
C5	185.91	71°00'47"	107.02	150.00



BASIS OF BEARING

SOUTH 85°36'52" WEST - BEING THE BEARING BETWEEN CLARK COUNTY GIS CONTROL POINTS "CC-GIS 848" AND "CC-GIS W51" AS SHOWN ON THE MAP IN FILE 85 OF SURVEYS, PAGE 53, OFFICIAL RECORDS, CLARK COUNTY, NEVADA.

BENCHMARK

CLARK COUNTY BENCHMARK NO. 6C22 4E5- RIVET AND PLATE IN TOP OF CURB SOUTHEAST CORNER OF SUNSET ROAD AND CAMARLO PARK DRIVE NEAR THE PC OF SUNSET ROAD.
NAVD 1988 DATUM
ELEVATION = 533.553 METERS
1750.50 FEET
(REVISED 2003)

Call before you Dig.

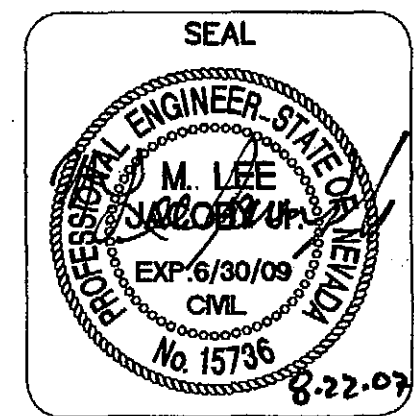
1-800-227-2600

UNDERGROUND SERVICE ALERT (USA)

Call before you OVERHEAD

1-702-227-2929

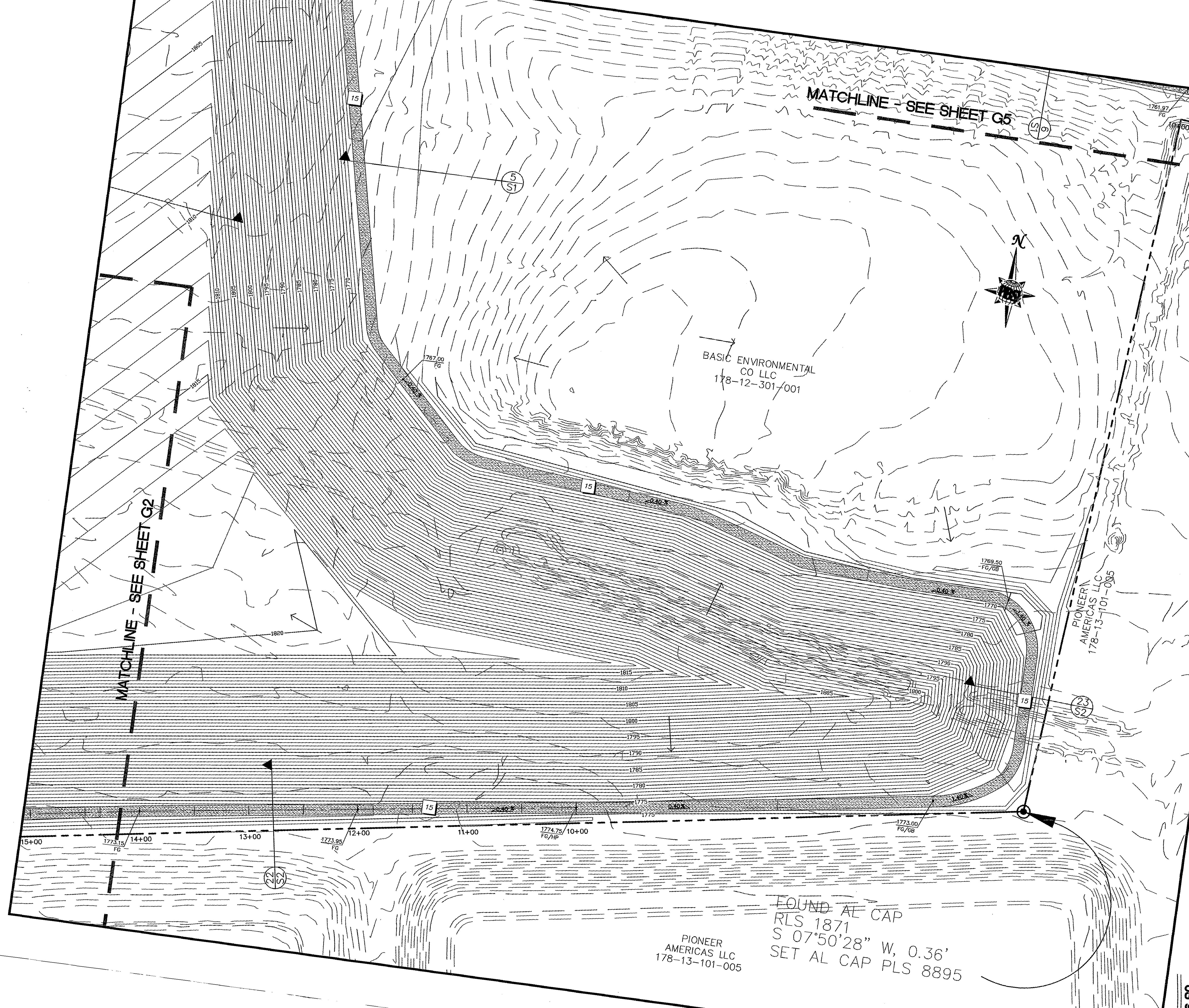
NEVADA POWER ENVIRONMENT AND SAFETY SERVICE DEPARTMENT



REVISIONS		BY	DATE	APPROVAL
REV.	DESCRIPTION			

EASTSIDE LANDFILL
HORIZONTAL CONTROL

JOB NO.: 511693.19
FILE NAME: LANDFILL
SCALE: 1" = 100'
HORIZ.:
VERT.:
DESIGNED BY: 5
DRAWN BY: 5
CHECKED BY: 5
DATE: AUGUST 21, 2007
PROJECT: 511693.19 \ 603-H.DWG Layout: H-1 Aug 21, 2007 - 12:03pm



- KEY NOTES**
- 1. INSTALL 60" RCP SD PER CCAUSD DWG No. 502
 - 2. INSTALL 42" RCP SD PER CCAUSD DWG No. 502
 - 3. INSTALL 42" EQUIVALENT RCP ELLIPTICAL SD PER CCAUSD DWG No. 502
 - 4. INSTALL 120" TYPE 4 MANHOLE PER NDOT STD R-4.7.2 SEE DETAIL SHEET D2
 - 5. INSTALL 60" TYPE 1A MANHOLE PER NDOT STD R-4.7.2 SEE DETAIL SHEET D2
 - 6. INSTALL 42" HEADWALL PER NDOT STD R-2.5.2 SEE DETAIL SHEET D2
 - 7. INSTALL 60" HEADWALL PER NDOT STD R-2.5.2 SEE DETAIL SHEET D2
 - 8. INSTALL CHANNEL AND ACCESS RD. PER DETAIL "A" SHEET D1
 - 9. INSTALL 24" THICK $D_{90}=12"$ RIPRAP OVER 6" TYPE II BEDDING
 - 10. INSTALL EMBANKMENT CHANNEL PER DETAIL "B" SHEET D1
 - 11. INSTALL TRASH RACK PER DETAIL "D" SHEET D1
 - 12. NOT USED
 - 13. NOT USED
 - 14. INSTALL EQUALIZER BASIN OVERFLOW PER DETAIL "C" SHEET D1
 - 15. INSTALL 12" THICK BY 10' WIDE TYPE II GRAVEL ACCESS DRIVE BEDDING
 - 16. INSTALL 24" THICK $D_{90}=12"$ GROUTED RIPRAP OVER 6" TYPE II BEDDING
 - 17. INSTALL 6" CONCRETE OVER 6" TYPE II AGG. BASE
 - 18. INSTALL 42" EQUIVALENT RCP ELLIPTICAL HEADWALL PER NDOT STD R-2.7.1 SEE DETAIL SHEET D2

LEGEND

→ DIRECTION OF FLOW

— GRADE BREAK

Call before you Dig.

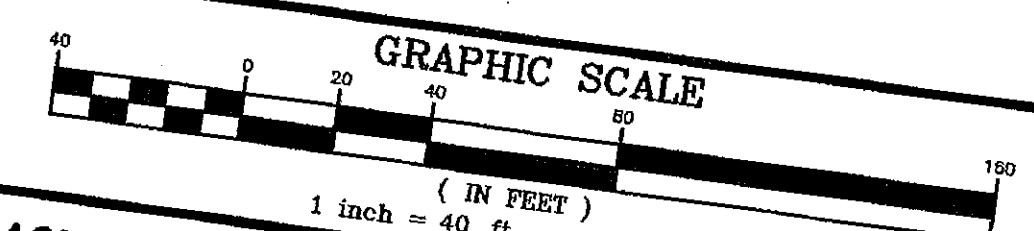
1-800-227-2600

UNDERGROUND SERVICE ALERT (USA)

Call before you OVERHEAD

1-702-227-2929

NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT



BASIS OF BEARING

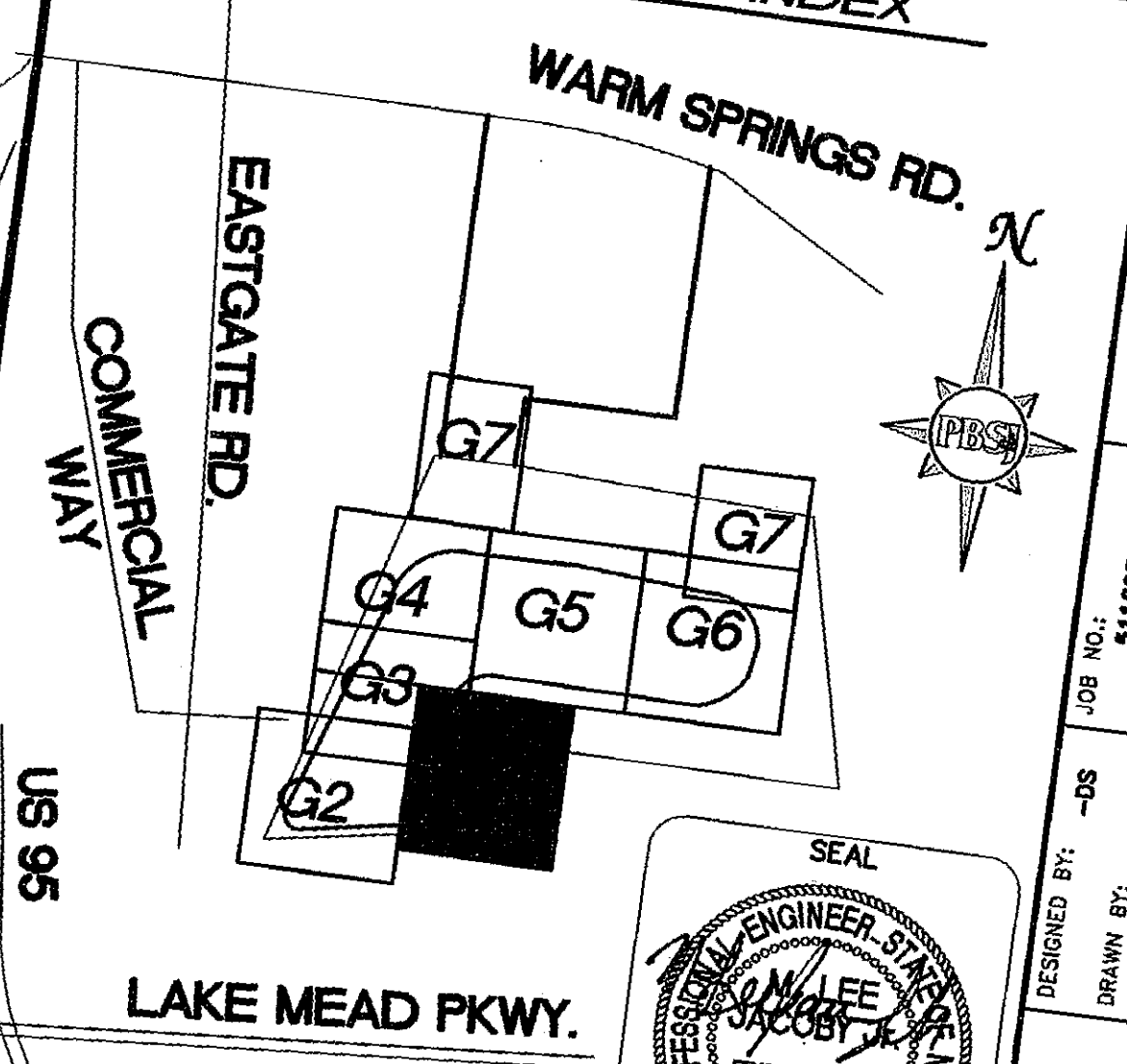
SOUTH 85°36'52" WEST - BEING THE BEARING BETWEEN CLARK COUNTY GIS CONTROL POINTS "CC-GIS 848" AND "CC-GIS W51" AS SHOWN ON THE MAP IN FILE 88 OF SURVEYS, PAGE 93, OFFICIAL RECORDS, CLARK COUNTY, NEVADA.

BENCHMARK

CLARK COUNTY BENCHMARK NO. 8022 4E6- RIVET AND PLATE IN TOP OF CURB SOUTHEAST CORNER OF SUNSET ROAD AND CAMARLO PARK DRIVE NEAR THE FC OF SUNSET ROAD.

NAVD 1988 DATUM
ELEVATION = 333.553 METERS
1750.50 FEET
(REVISED 2003)

KEY MAP - SHEET INDEX

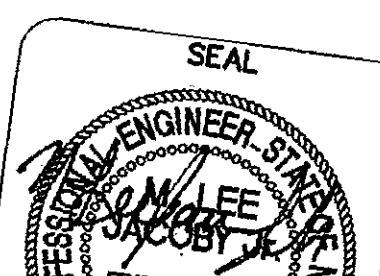


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FILE NAME: LANDFILL
SCALE: 1" = 40'
DATE: AUGUST 21, 2007
VERT: 7

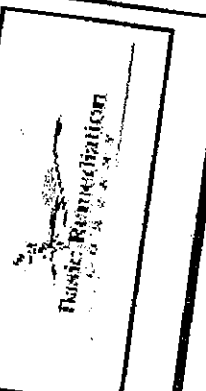
DESIGNED BY: -DS
DRAWN BY: -DS
CHECKED BY: -LJ

23 AUGUST 21, 2007

693.19/1693-C.DWG Layout: G-1 Aug 21, 2007 - 12:07pm



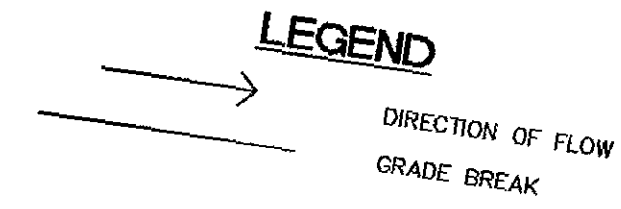
REVISIONS		BY	DATE	APPROVAL
REV.	DESCRIPTION			



EASTSIDE LANDFILL
GRADING PLAN 1

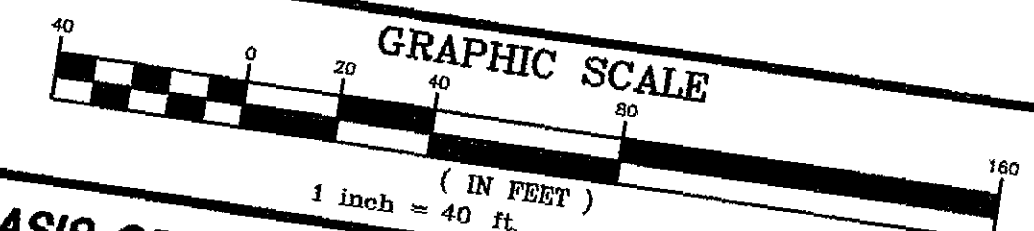


- KEY NOTES**
1. INSTALL 60" RCP SD PER CCAUSD DWG No. 502
 2. INSTALL 42" RCP SD PER CCAUSD DWG No. 502
 3. INSTALL 42" EQUIVALENT RCP ELLIPTICAL SD PER CCAUSD DWG No. 502
 4. INSTALL 120" TYPE 4 MANHOLE PER NDOT STD R-4.7.2 SEE DETAIL SHEET D2
 5. INSTALL 60" TYPE 1A MANHOLE PER NDOT STD R-4.7.2
 6. INSTALL 42" HEADWALL PER CCAUSD DWG No. 404 SEE DETAIL SHEET D2
 7. INSTALL 60" HEADWALL PER NDOT STD R-2.5.2 SEE DETAIL SHEET D2
 8. INSTALL CHANNEL AND ACCESS RD. PER DETAIL "A" SHEET D1
 9. INSTALL 24" THICK $D_{60}=12"$ RIPRAP OVER 6" TYPE II BEDDING
 10. INSTALL EMBANKMENT CHANNEL PER DETAIL "B" SHEET D1
 11. INSTALL TRASH RACK PER DETAIL "D" SHEET D1
 12. NOT USED
 13. NOT USED
 14. INSTALL EQUALIZER BASIN OVERFLOW PER DETAIL "C" SHEET D1
 15. INSTALL 12" THICK BY 10' WIDE TYPE II GRAVEL ACCESS DRIVE BEDDING
 16. INSTALL 24" THICK $D_{60}=12"$ GROUTED RIPRAP OVER 6" TYPE II
 17. INSTALL 6" CONCRETE OVER 6" TYPE II AGG. BASE
 18. INSTALL 42" EQUIVALENT RCP ELLIPTICAL HEADWALL PER NDOT STD R-2.7.1 SEE DETAIL SHEET D2



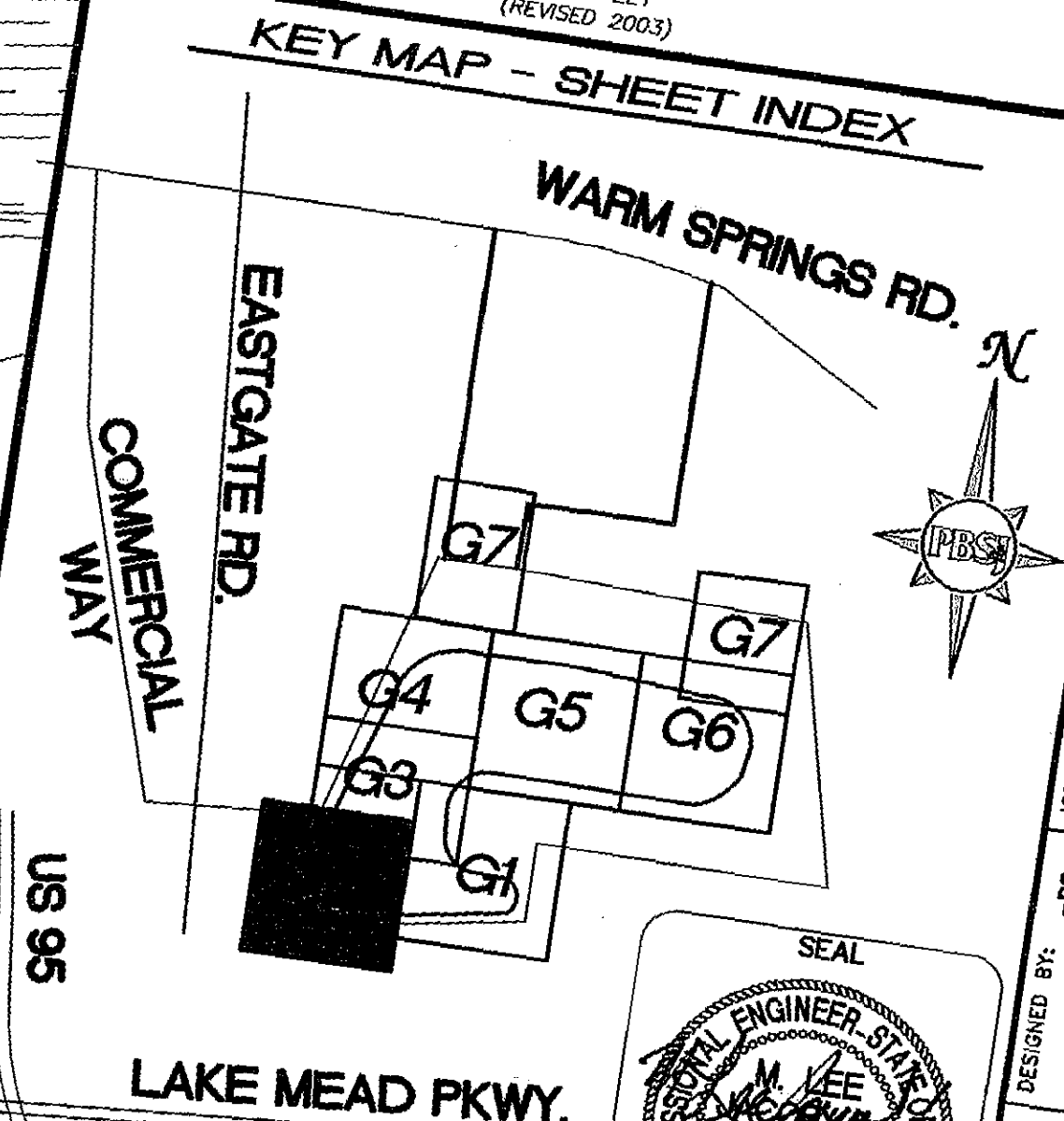
Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

Call before you OVERHEAD
1-702-227-2929
NEVADA POWER TRANSMISSION AND SAFETY SERVICES AGREEMENT



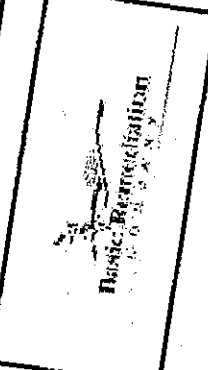
BASIS OF BEARING
SOUTH 85°36'52" WEST - BEING THE BEARING BETWEEN CLARK COUNTY GIS CONTROL POINTS "CC-GIS 848" AND "CC-GIS 851" AS SHOWN ON THE MAP IN FILE 88 OF SURVEYS, PAGE 53, OFFICIAL RECORDS, CLARK COUNTY, NEVADA.

BENCHMARK
CLARK COUNTY BENCHMARK NO. 6C23 468- RIVET AND PLATE IN TOP OF CURB SOUTHEAST CORNER OF SUNSET ROAD AND CAMARLO PARK DRIVE NEAR THE PC OF SUNSET ROAD.
NAVD 1988 DATUM
ELEVATION = 533.563 METERS
1750.50 FEET
(REVISED 2003)



REV.	DESCRIPTION	BY	DATE	APPROVAL

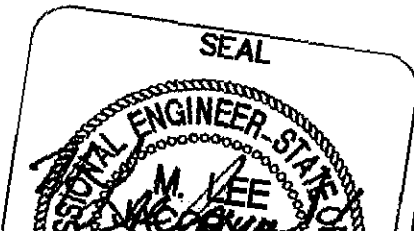
PBS
ENGINEERING, PLANNING, SURVEYING, CONSTRUCTION SERVICES
2720 Corporate Oaks
Las Vegas, NV 89129
Phone: 702.227.2929
Fax: 702.227.2929

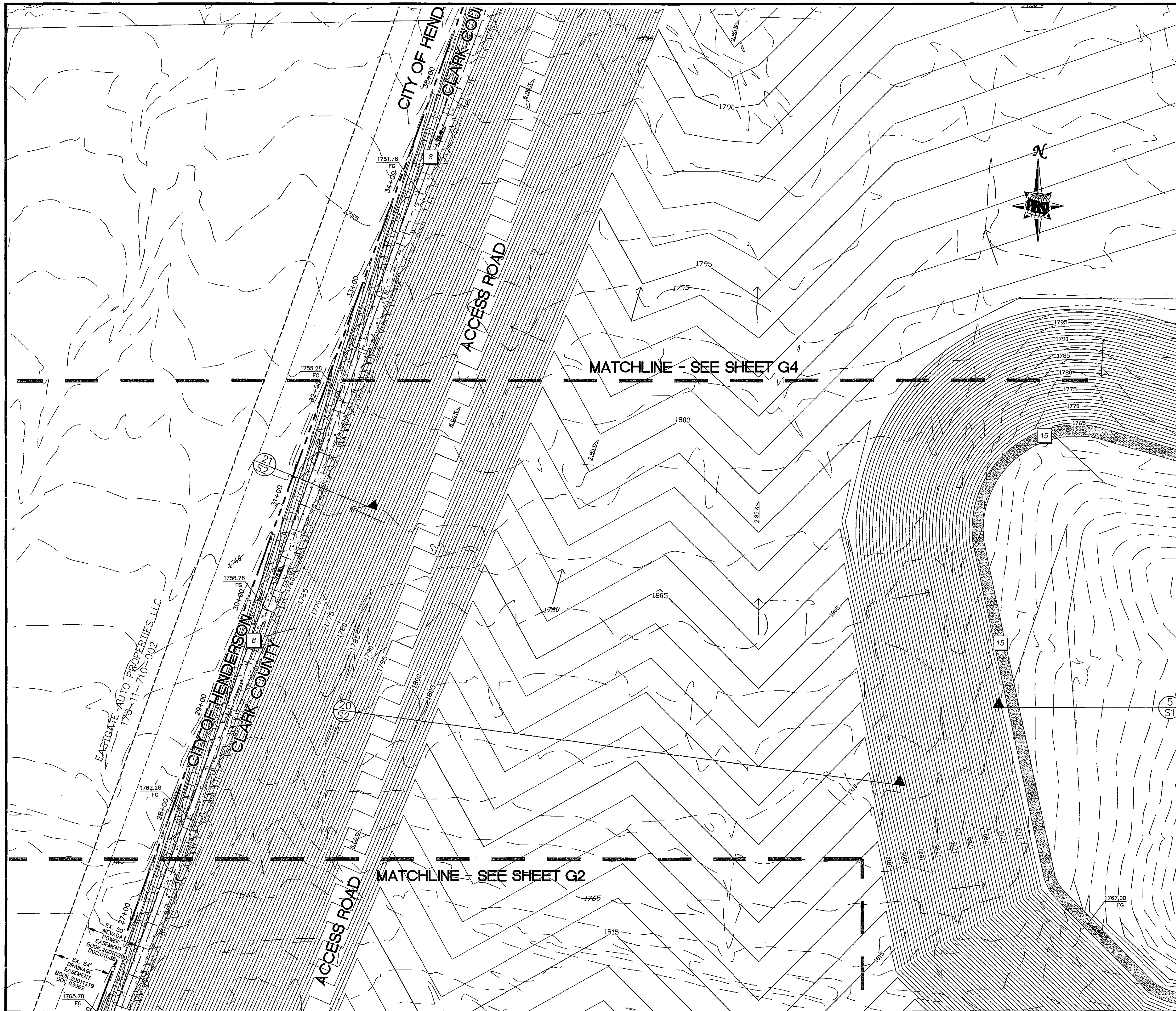


**EASTSIDE LANDFILL
GRADING PLAN II**

JOB NO.: 511893.18
FILE NAME: LANDFILL
SCALE: AS SHOWN
HORIZ.: 1" = 40'
VERT.: 1" = 40'

DESIGNED BY: JS
DRAWN BY: JS
CHECKED BY: LJ
DATE: AUGUST 21, 2007
3.1917693-GDWG Layout: G-2 Aug 21, 2007 - 12:01pm





KEY NOTES

1. INSTALL 60" RCP SD PER CCAUSD DWG No. 502
2. INSTALL 42" RCP SD PER CCAUSD DWG No. 502
3. INSTALL 42" EQUIVALENT RCP ELLIPTICAL SD PER CCAUSD DWG No. 502
4. INSTALL 120" TYPE 1 MANHOLE PER NDOT STD R-4.7.2 SEE DETAIL SHEET D2
5. INSTALL 60" TYPE 1A MANHOLE PER CCAUSD DWG No. 404
6. INSTALL 42" HEADWALL PER NDOT STD R-2.5.2 SEE DETAIL SHEET D2
7. INSTALL 60" HEADWALL PER NDOT STD R-2.5.2 SEE DETAIL SHEET D2
8. INSTALL CHANNEL AND ACCESS RD. PER DETAIL "A" SHEET D1
9. INSTALL 24" THICK D₆₀=12" RIPRAP OVER 6" TYPE II BEDDING
10. INSTALL EMBANKMENT CHANNEL PER DETAIL "B" SHEET D1
11. INSTALL TRASH RACK PER DETAIL "D" SHEET D1
12. NOT USED
13. NOT USED
14. INSTALL EQUALIZER BASIN OVERFLOW PER DETAIL "C" SHEET D1
15. INSTALL 12" THICK BY 10' WIDE TYPE II GRAVEL ACCESS DRIVE
16. INSTALL 24" THICK D₆₀=12" GROUTED RIPRAP OVER 6" TYPE II BEDDING
17. INSTALL 6" CONCRETE OVER 6" TYPE II AGG. BASE
18. INSTALL 42" EQUIVALENT RCP ELLIPTICAL HEADWALL PER NDOT STD R-2.7.1 SEE DETAIL SHEET D2

LEGEND

→ DIRECTION OF FLOW
— GRADE BREAK

Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

Call before you OVERHEAD
1-702-227-2929
NEVADA POWER, GAS, WATER AND SAFETY SERVICES DEPARTMENT

GRAPHIC SCALE

1 inch = 40 ft.

BASIS OF BEARING

SOUTH 85°36'52" WEST - BEING THE BEARING BETWEEN CLARK COUNTY GIS CONTROL POINTS "CC-GIS 848" AND "CC-GIS W51" AS SHOWN ON THE MAP IN FILE 88 OF SURVEYS, PAGE 53, OFFICIAL RECORDS, CLARK COUNTY, NEVADA.

BENCHMARK

CLARK COUNTY BENCHMARK NO. 6C22 4E6- RIVET AND PLATE IN TOP OF CURB SOUTHEAST CORNER OF SUNSET ROAD AND CAMARLO PARK DRIVE NEAR THE PC OF SUNSET ROAD.
NAVD 1988 DATUM
ELEVATION = 533.553 METERS
1750.50 FEET
(REVISED 2003)

KEY MAP - SHEET INDEX

REV.	DESCRIPTION	BY	DATE	APPROVAL

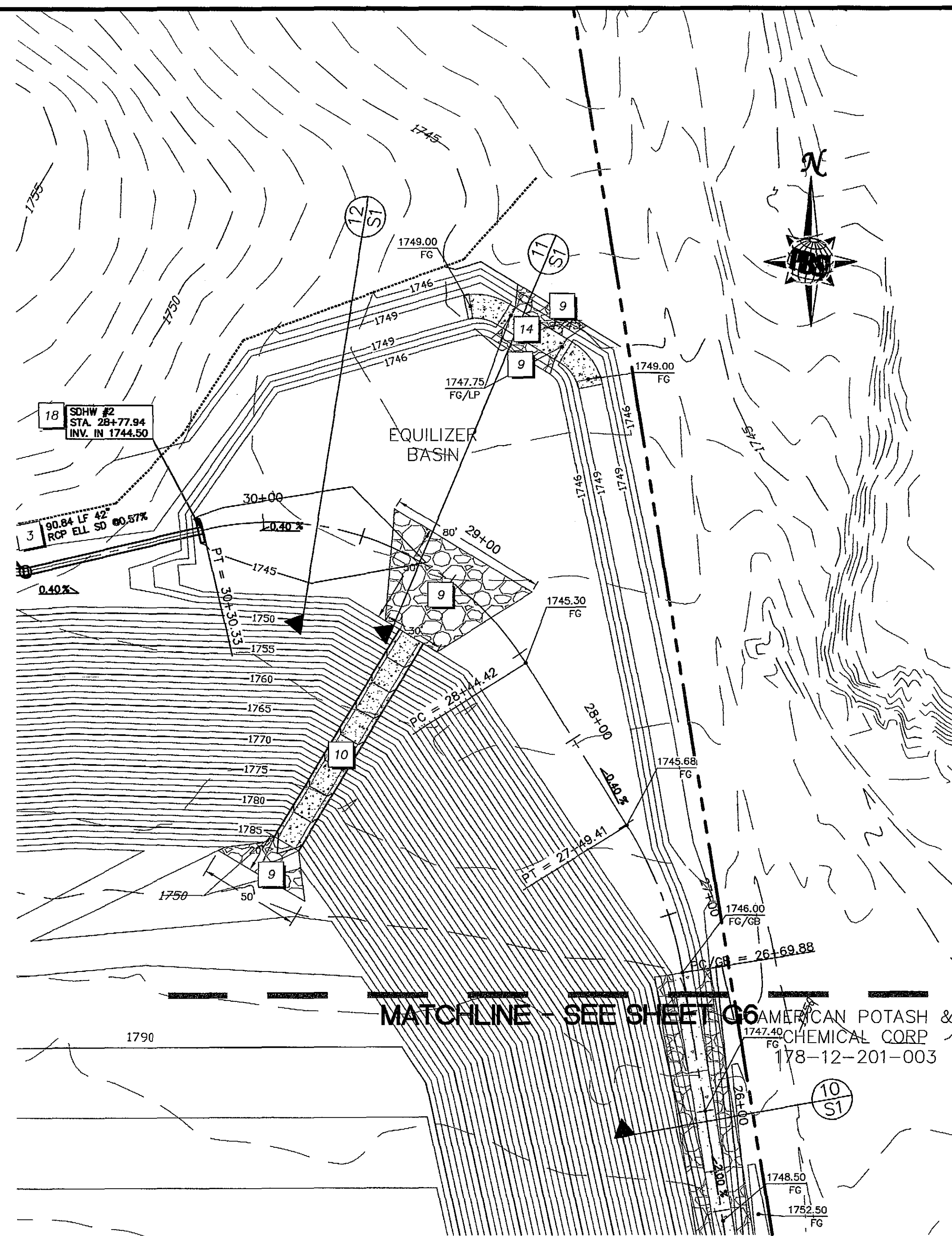
DESIGNED BY: -DS
DRAWN BY: -DS
CHECKED BY: -LJ
DATE: AUGUST 21, 2007

FILE NAME: EASTSIDE LANDFILL
SCALE: HORIZ: 1" = 40'
VERT: 1" = 10'

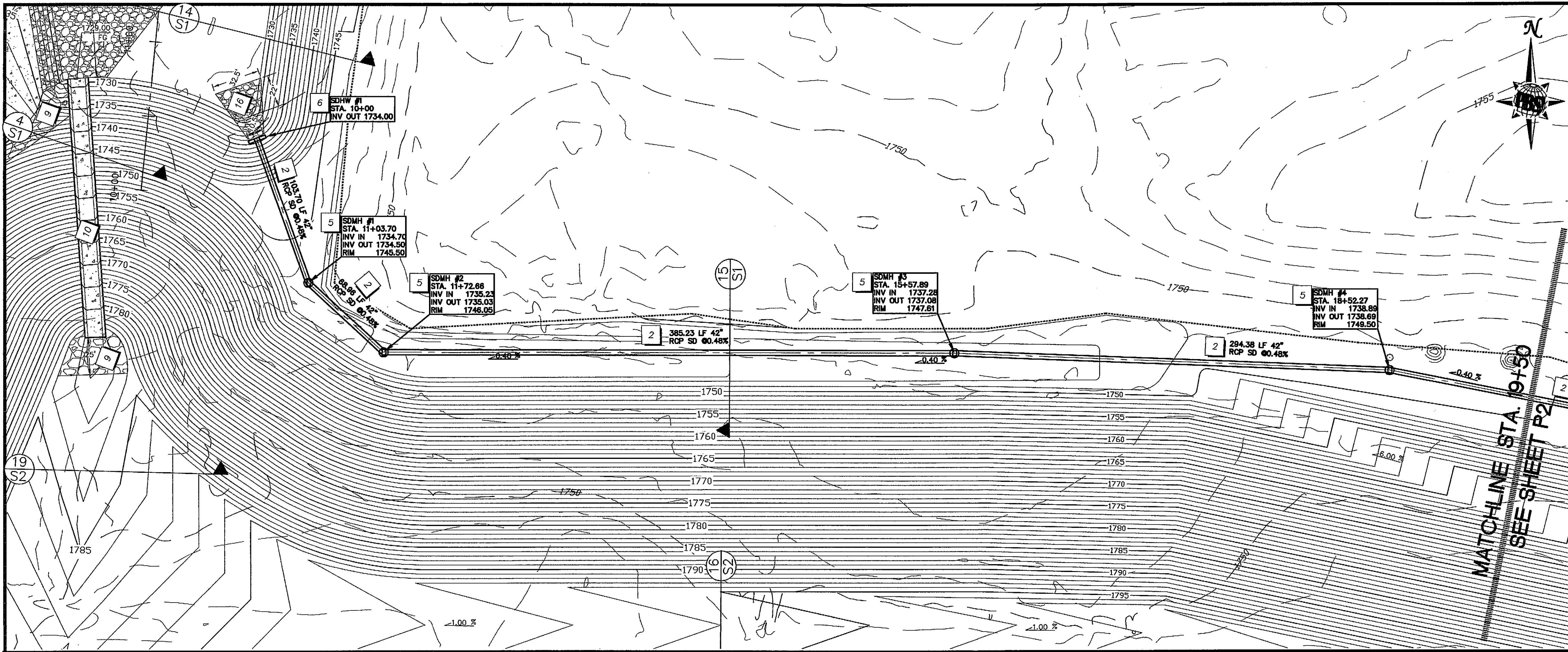
PROJECT: 511893.19
JOB NO.: 06-44325
SHEET: 9
DATE: AUGUST 21, 2007

SEAL
REGISTERED PROFESSIONAL ENGINEER
STATE OF NEVADA
No. 15736
EXP. 6/30/08
M. VEE

PROJECTS 511893.19\1633-G.DWG Layout: G-3 Aug 21, 2007 - 12:02pm



HT# 06-44325	DESIGNED BY: -DS DRAWN BY: -DS CHECKED BY: -LJ DATE: AUGUST21, 2007	JOB NO.: 511093.19 FILE NAME: LANDFILL SCALE: 1" = 40' HORIZ: 1" = 40' VERT.: 1" = 40'	 Department of the Environment, Planning and Construction	 PBSJ ENGINEERING PLANNING SURVEYING CONSTRUCTION SERVICES	200 Corporate Oaks Suite 300 Dallas, TX 75244-5403 Telephone: 772/283-7225 Fax: 772/283-7280	REVISIONS		
	13 G7	REVISION DESCRIPTION REV.				BY	DATE	APPROVAL



KEY NOTES

1. INSTALL 60" RCP SD PER CCAUSD DWG No. 502
2. INSTALL 42" RCP SD PER CCAUSD DWG No. 502
3. INSTALL 42" EQUIVALENT RCP ELLIPTICAL SD PER CCAUSD DWG No. 502
4. INSTALL 120" TYPE 4 MANHOLE PER NDOT STD R-4.7.2 SEE DETAIL SHEET D2
5. INSTALL 60" TYPE 1A MANHOLE PER CCAUSD DWG No. 404
6. INSTALL 42" HEADWALL PER NDOT STD R-2.5.2 SEE DETAIL SHEET D2
7. INSTALL 60" HEADWALL PER NDOT STD R-2.5.2 SEE DETAIL SHEET D2
8. INSTALL CHANNEL AND ACCESS RD. PER DETAIL "A" SHEET D1
9. INSTALL 24" THICK D₉₀=12" RIPRAP OVER 6" TYPE II BEDDING
10. INSTALL EMBANKMENT CHANNEL PER DETAIL "B" SHEET D1
11. INSTALL TRASH RACK PER DETAIL "D" SHEET D1
12. REMOVE EXISTING CAP AND EXTEND 60" RCP
13. INSTALL 60" PLUG FOR RCP
14. INSTALL EQUALIZER BASIN OVERFLOW PER DETAIL "C" SHEET D1
15. INSTALL 12" THICK BY 10' WIDE TYPE II GRAVEL ACCESS DRIVE
16. INSTALL 24" THICK D₉₀=12" GROUTED RIPRAP OVER 6" TYPE II BEDDING
17. INSTALL 6" CONCRETE OVER 6" TYPE II AGG. BASE
18. INSTALL 42" EQUIVALENT RCP ELLIPTICAL HEADWALL PER NDOT STD R-2.7.1 SEE DETAIL SHEET D2

Call
before you
Dig.
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

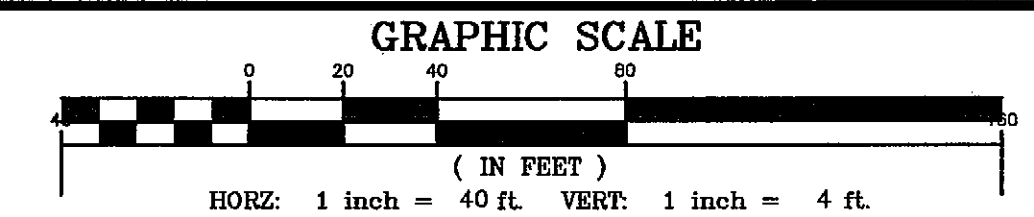
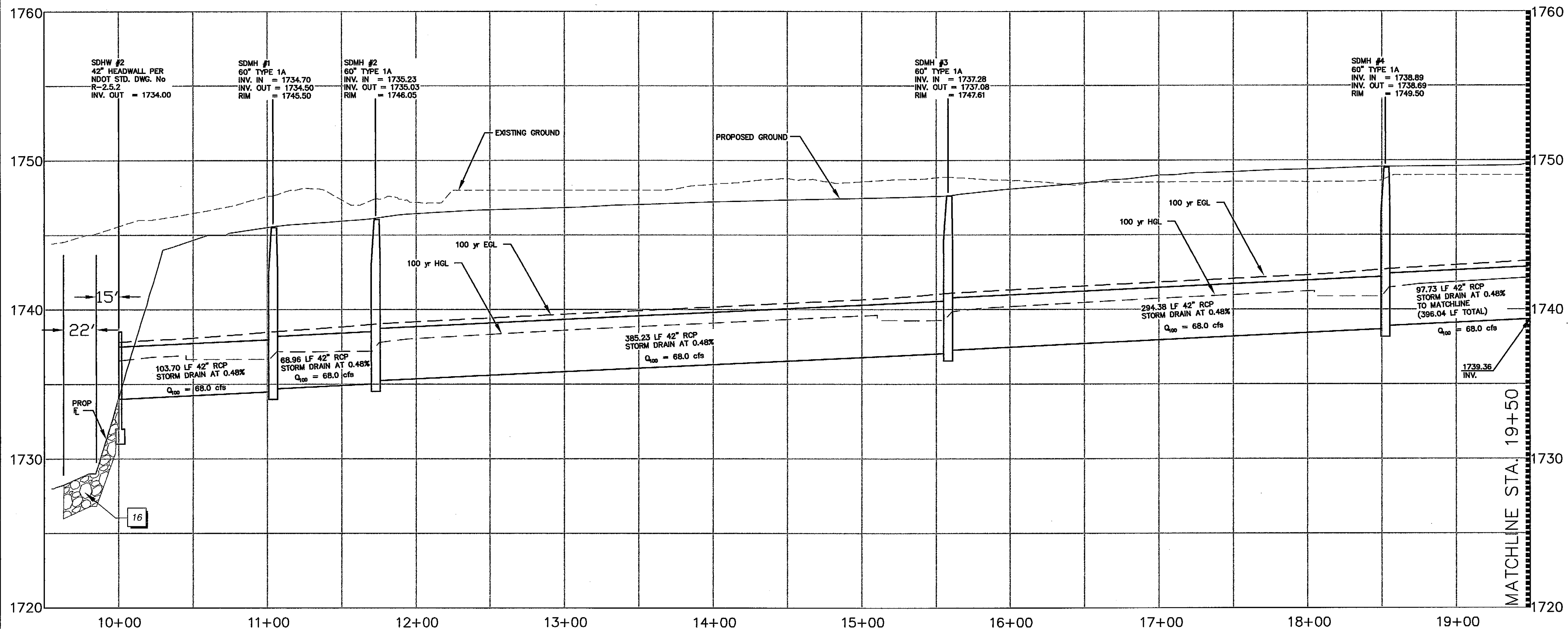
Call
before you
OVERHEAD
1-702-227-2929
NEVADA POWER DEPARTMENT AND
SAFETY SERVICES DEPARTMENT

220 Corporate Oaks
Las Vegas, NV 89129-4382
Phone 702/227-2929
Fax 702/227-2930

PBSJ

ENGINEERING • PLANNING • SURVEYING • CONSULTATION SERVICES

Barbara J. Smith, P.E.
Professional Engineer
No. 15736



BASIS OF BEARING

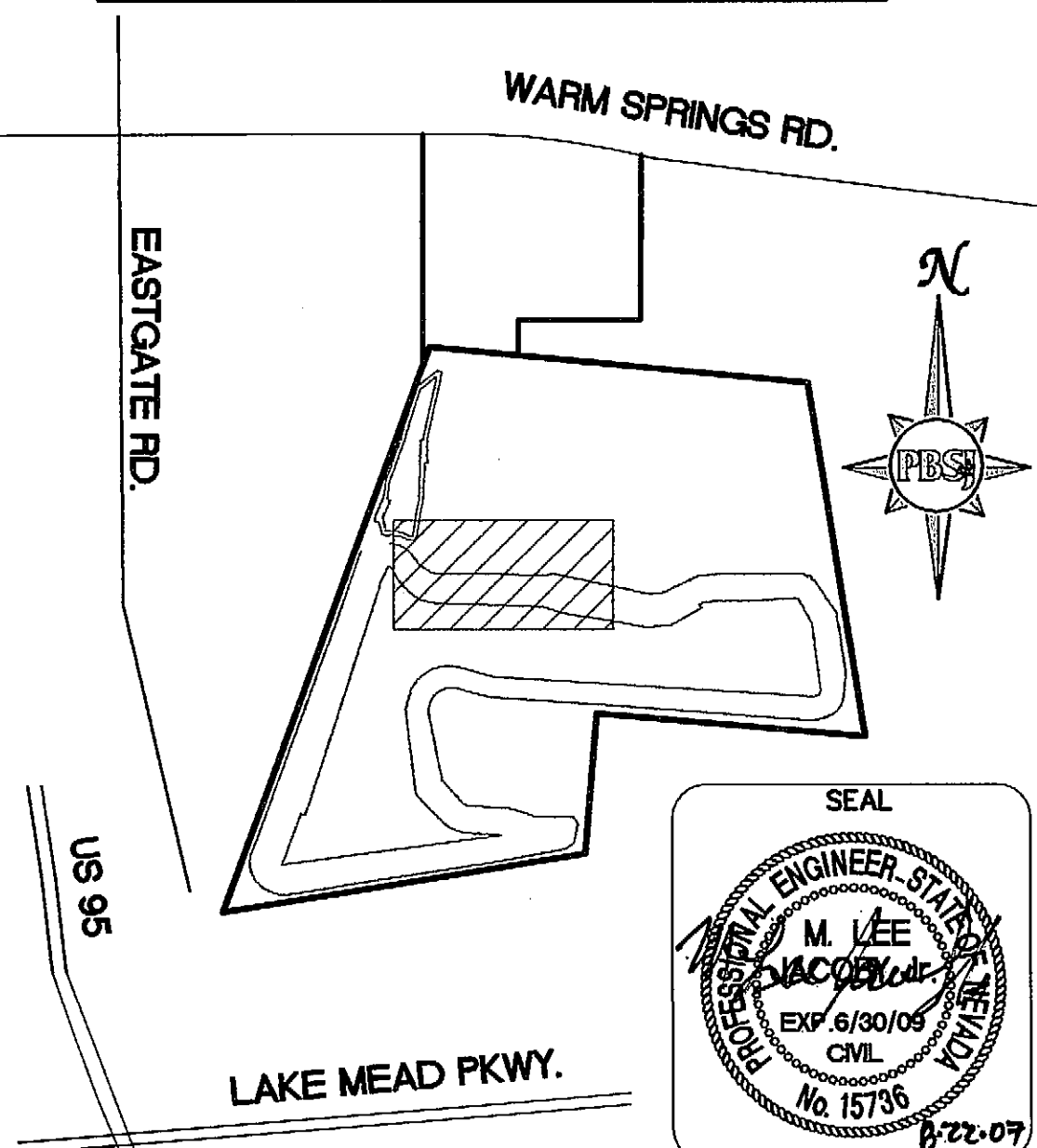
SOUTH 85°36'52" WEST - BEING THE BEARING BETWEEN CLARK COUNTY GIS CONTROL POINTS "CC-GIS 848" AND "CC-GIS W51" AS SHOWN ON THE MAP IN FILE 88 OF SURVEYS, PAGE 53, OFFICIAL RECORDS, CLARK COUNTY, NEVADA.

BENCHMARK

CLARK COUNTY BENCHMARK NO. 6C22 4E6 - RIVET AND PLATE IN TOP OF CURB SOUTHEAST CORNER OF SUNSET ROAD AND CAMARLO PARK DRIVE NEAR THE PC OF SUNSET ROAD.

NAVD 1988 DATUM
ELEVATION = 533.553 METERS
1750.50 FEET
(REVISED 2003)

KEY MAP - SHEET INDEX



REVISIONS

REV.	DESCRIPTION	BY	DATE	APPROVAL

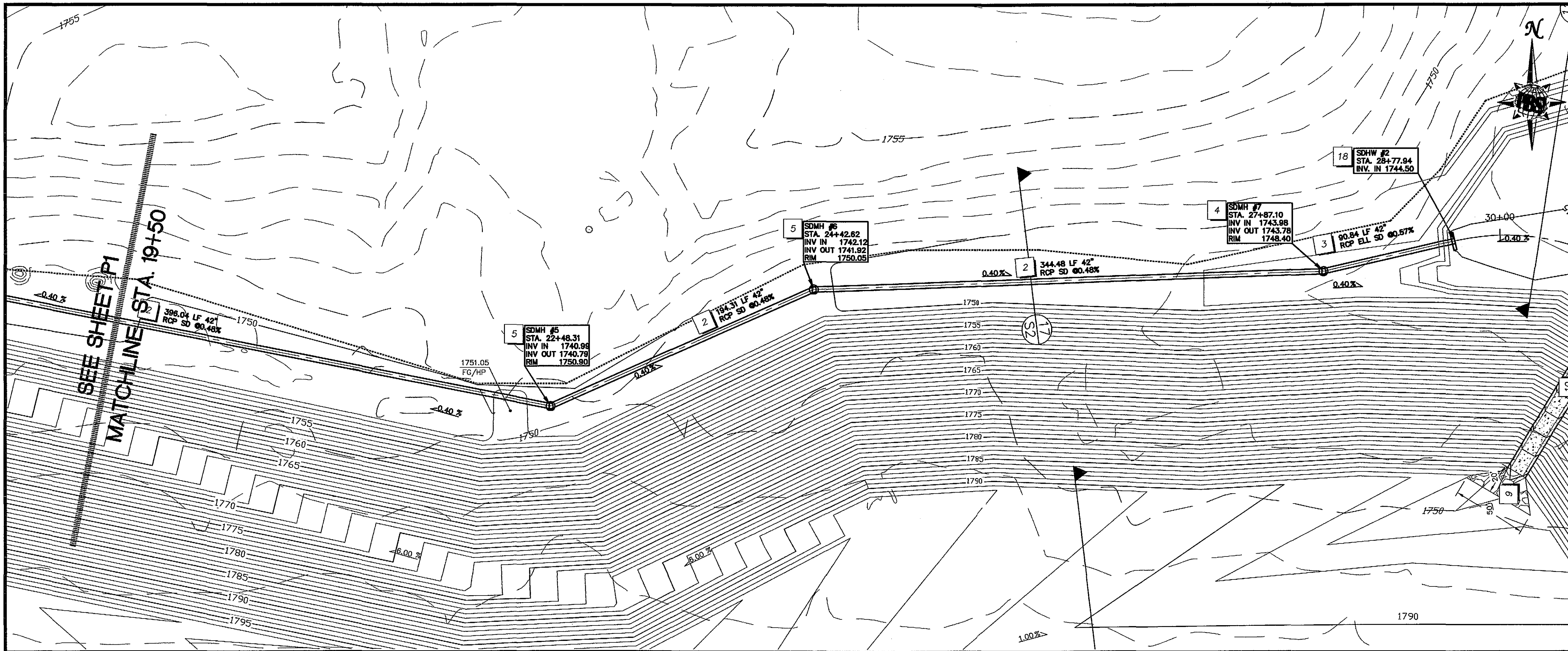
DESIGNED BY: -DS
DRAWN BY: -DS
CHECKED BY: -LJ
DATE: AUGUST 21, 2007
P1

FILE NAME: LANDFILL
SCALE: 1" = 40'
HORIZ.: 1" = 40'
VERT.: 1" = 4'

EASTSIDE LANDFILL
STORM DRAIN PLAN AND PROFILE
STA. 10+00 TO 19+50

JOB NO.: 511693.19
FILE NAME: LANDFILL
SCALE: 1" = 40'
HORIZ.: 1" = 40'
VERT.: 1" = 4'

HTE# 06-44325



KEY NOTES

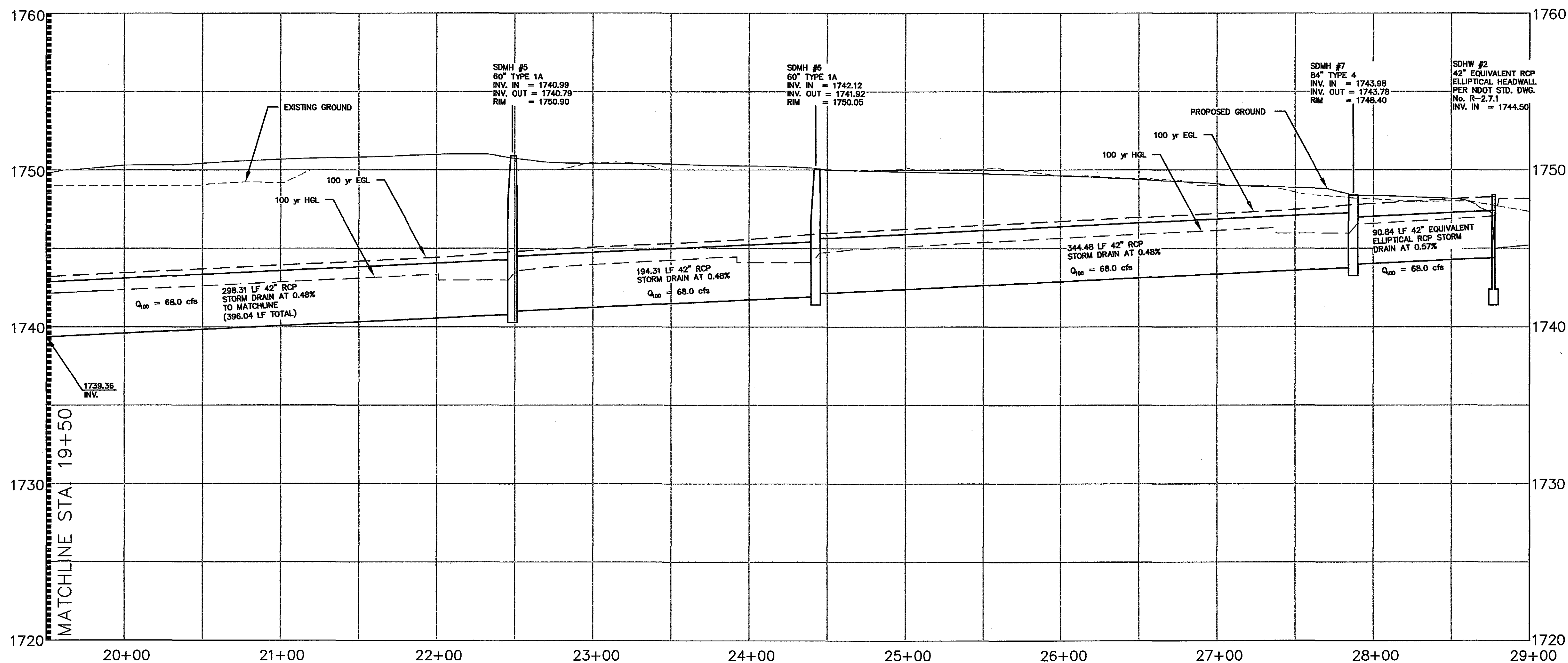
1. INSTALL 60" RCP SD PER CCAUSD DWG No. 502
2. INSTALL 42" RCP SD PER CCAUSD DWG No. 502
3. INSTALL 42" EQUIVALENT RCP ELLIPTICAL SD PER CCAUSD DWG No. 502
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6. INSTALL 42" HEADWALL PER NDOT STD R-2.5.2 SEE DETAIL SHEET D2
7. INSTALL 60" HEADWALL PER NDOT STD R-2.5.2 SEE DETAIL SHEET D2
8. INSTALL CHANNEL AND ACCESS RD. PER DETAIL "A" SHEET D1
9. INSTALL 24" THICK D₉₀-12" RIPRAP OVER 6" TYPE II BEDDING
10. INSTALL EMBANKMENT CHANNEL PER DETAIL "B" SHEET D1
11. INSTALL TRASH RACK PER DETAIL "D" SHEET D1
12. REMOVE EXISTING CAP AND EXTEND 60" RCP
13. INSTALL 60" PLUG FOR RCP
14. INSTALL EQUALIZER BASIN OVERFLOW PER DETAIL "C" SHEET D1
15. INSTALL 12" THICK BY 10' WIDE TYPE II GRAVEL ACCESS DRIVE
16. INSTALL 24" THICK D₉₀-12" GROUTED RIPRAP OVER 6" TYPE II BEDDING
17. INSTALL 6" CONCRETE OVER 6" TYPE II AGG. BASE
18. INSTALL 42" EQUIVALENT RCP ELLIPTICAL HEADWALL PER NDOT STD R-2.7.1 SEE DETAIL SHEET D2

Call
before you
Dig.
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

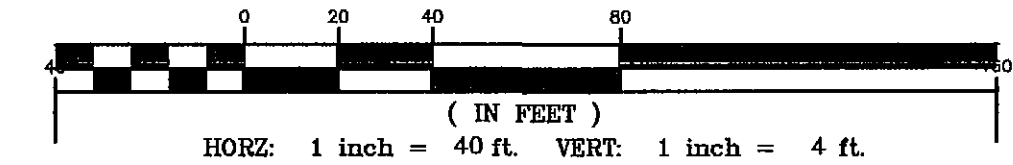
Call
before you
OVERHEAD
1-702-227-2929
AVOID OVERHEAD POWER LINE CONTACT. IT'S DANGEROUS!

PBSJ
2270 Corporate Circle
Boulder, CO 80501
Phone: 727.727.2200
Fax: 727.727.2200
ENGINEERING · PLANNING · SURVEYING · CONSTRUCTION SERVICES

Basic Nomenclature
of the
Professional Engineer



GRAPHIC SCALE



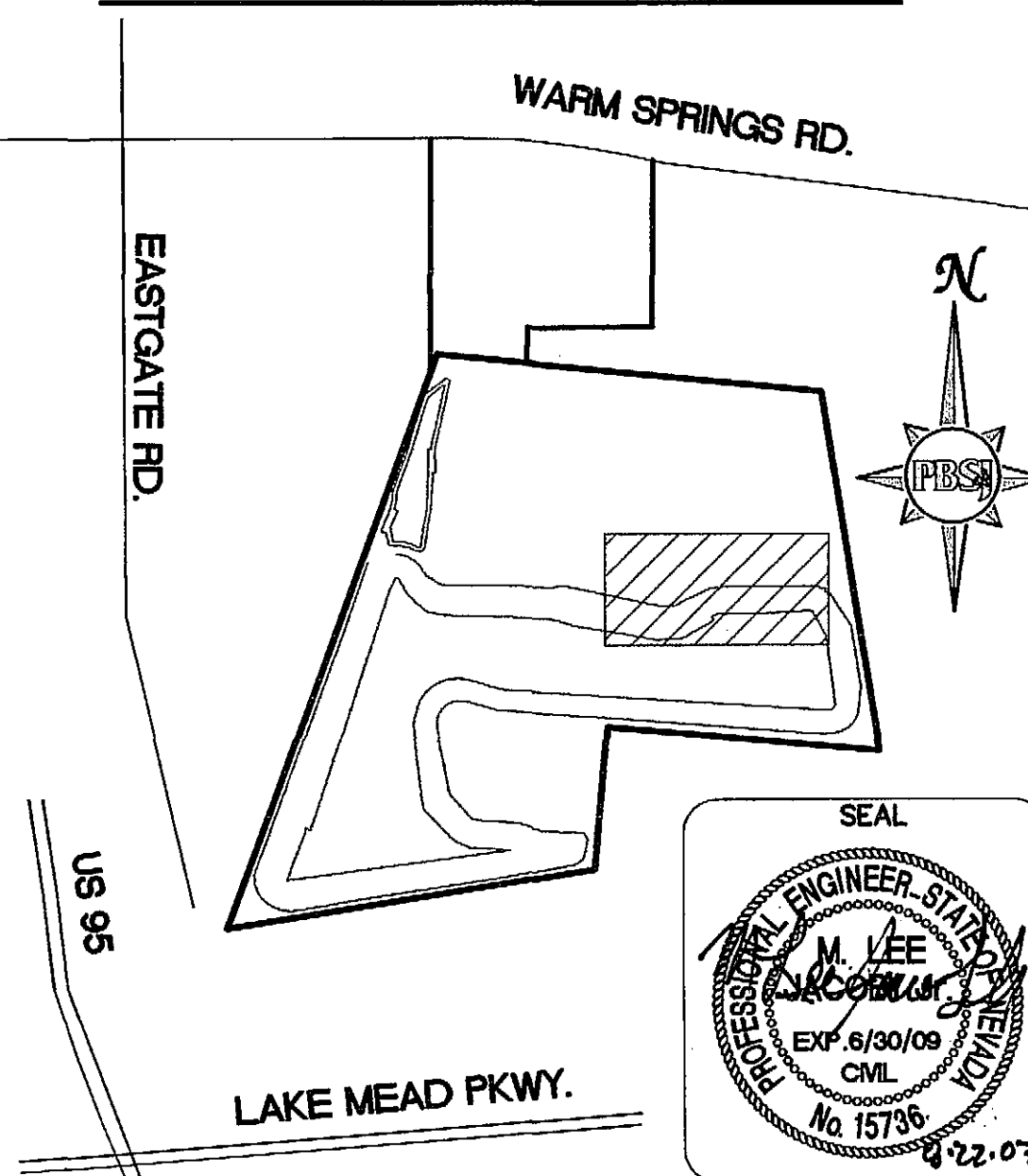
BASIS OF BEARING

SOUTH 85°36'52" WEST - BEING THE BEARING BETWEEN CLARK COUNTY GIS CONTROL POINTS "CC-GIS 848" AND "CC-GIS W51" AS SHOWN ON THE MAP IN FILE 88 OF SURVEYS, PAGE 53, OFFICIAL RECORDS, CLARK COUNTY, NEVADA.

BENCHMARK

CLARK COUNTY BENCHMARK NO. 6C22 4E6- RIVET AND PLATE IN TOP OF CURB SOUTHEAST CORNER OF SUNSET ROAD AND CAMARLO PARK DRIVE NEAR THE PC OF SUNSET ROAD.
NAVD 1988 DATUM
ELEVATION = 533.553 METERS
1750.50 FEET
(REVISED 2003)

KEY MAP - SHEET INDEX



REVISIONS

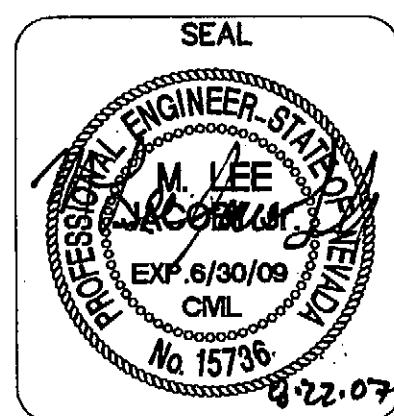
REV.	DESCRIPTION	BY	DATE	APPROVAL

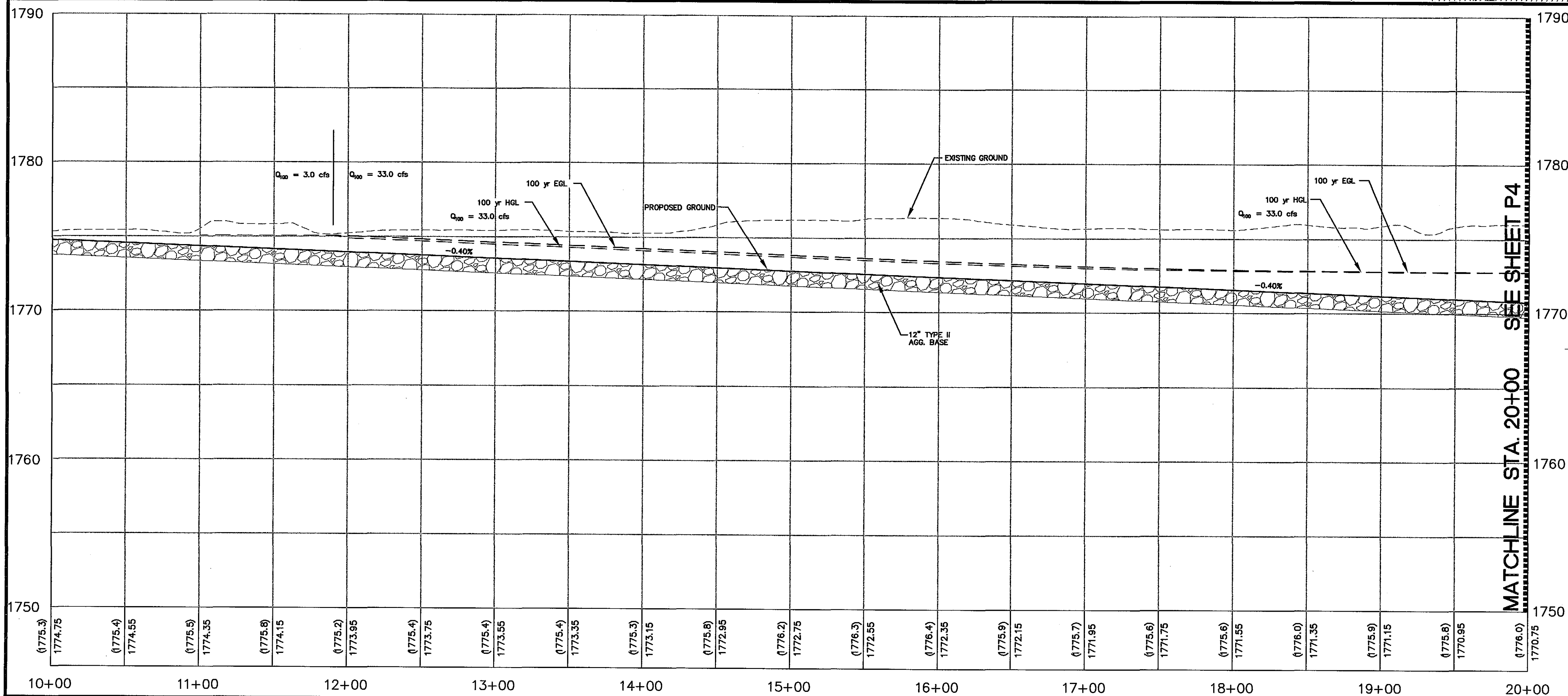
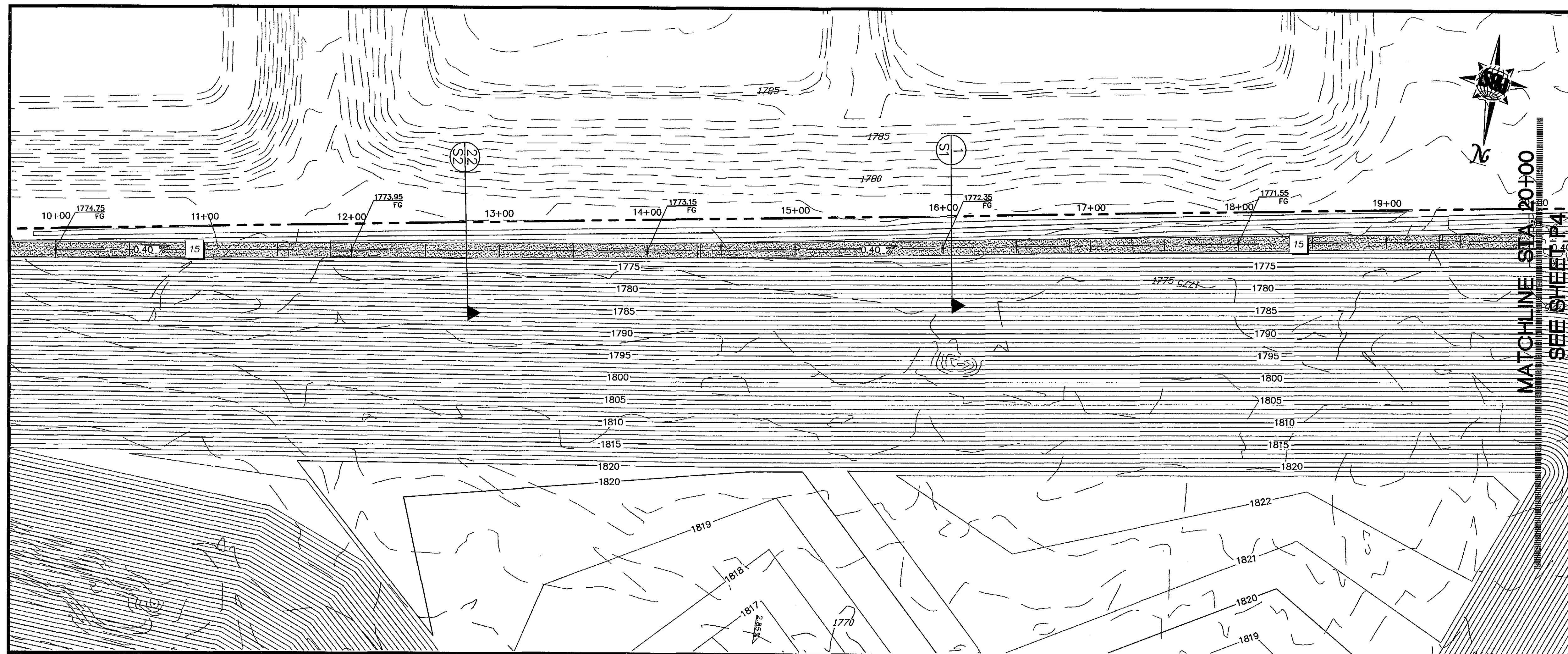
PBSJ
2270 Corporate Circle
Boulder, CO 80501
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Fax: 727.727.2200
ENGINEERING · PLANNING · SURVEYING · CONSTRUCTION SERVICES

Basic Nomenclature
of the
Professional Engineer

EASTSIDE LANDFILL
STORM DRAIN PLAN AND PROFILE
STA. 19+50 TO 28+77.94

JOB NO.: 511883.18
FILE NAME: LANDFILL
SCALE: 1" = 40'
HORIZ.: 1" = 40'
VERT.: 1" = 4'
DESIGNED BY: -DS
DRAWN BY: -DS
CHECKED BY: -LJ
DATE: AUGUST 21, 2007
HTE# 06-44325
P2





KEY NOTES

1. INSTALL 60" RCP SD PER CCAUSD DWG No. 502
2. INSTALL 42" RCP SD PER CCAUSD DWG No. 502
3. INSTALL 42" EQUIVALENT RCP ELLIPTICAL SD PER CCAUSD DWG No. 502
4. INSTALL 120" TYPE 4 MANHOLE PER NDOT STD R-4.7.2 SEE DETAIL SHEET D2
5. INSTALL 60" TYPE 1A MANHOLE PER CCAUSD DWG No. 404
6. INSTALL 42" HEADWALL PER NDOT STD R-2.5.2 SEE DETAIL SHEET D2
7. INSTALL 60" HEADWALL PER NDOT STD R-2.5.2 SEE DETAIL SHEET D2
8. INSTALL CHANNEL AND ACCESS RD. PER DETAIL "A" SHEET D1
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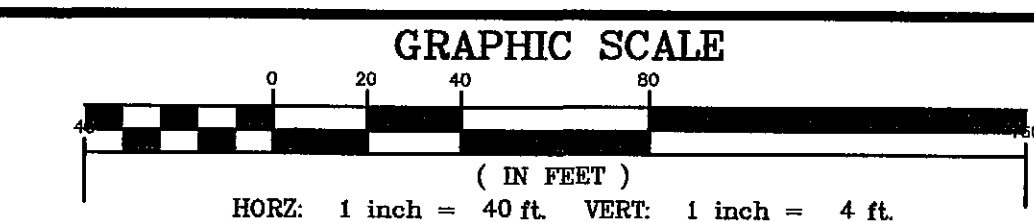
Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

Call before you OVERHEAD
1-702-227-2929
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES (NPES)

REV.	DESCRIPTION	BY	DATE	APPROVAL

PBSJ
ENGINEERING PLANNING SURVEYING CONSTRUCTION SERVICES
200 Corporate Ctr.
Las Vegas, NV 89102-4882
Tel: 702.227.2929
Fax: 702.227.2920

James H. Hargrett
Professional Engineer
No. 15736
Civil
Exp. 6/30/05



BASIS OF BEARING

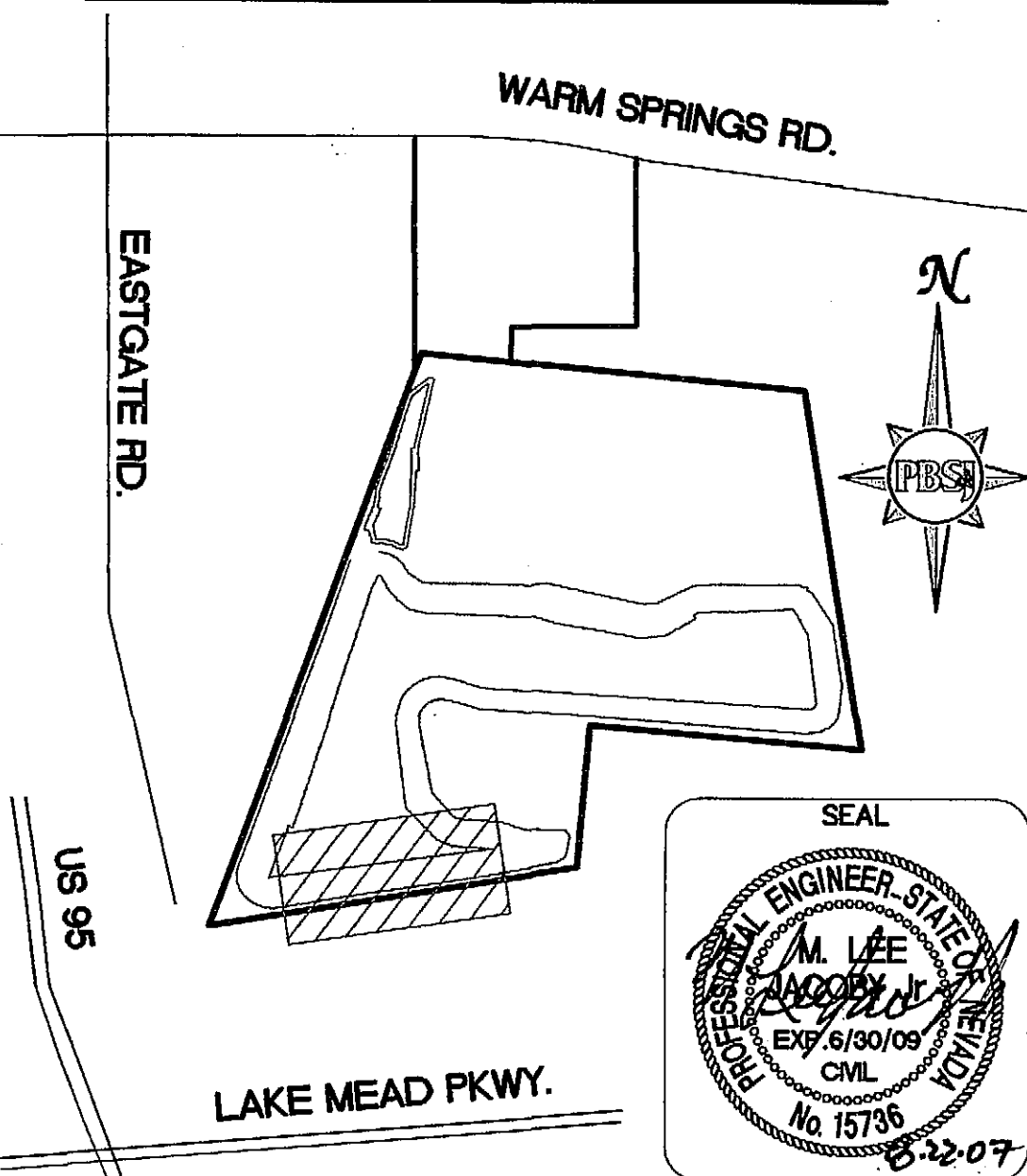
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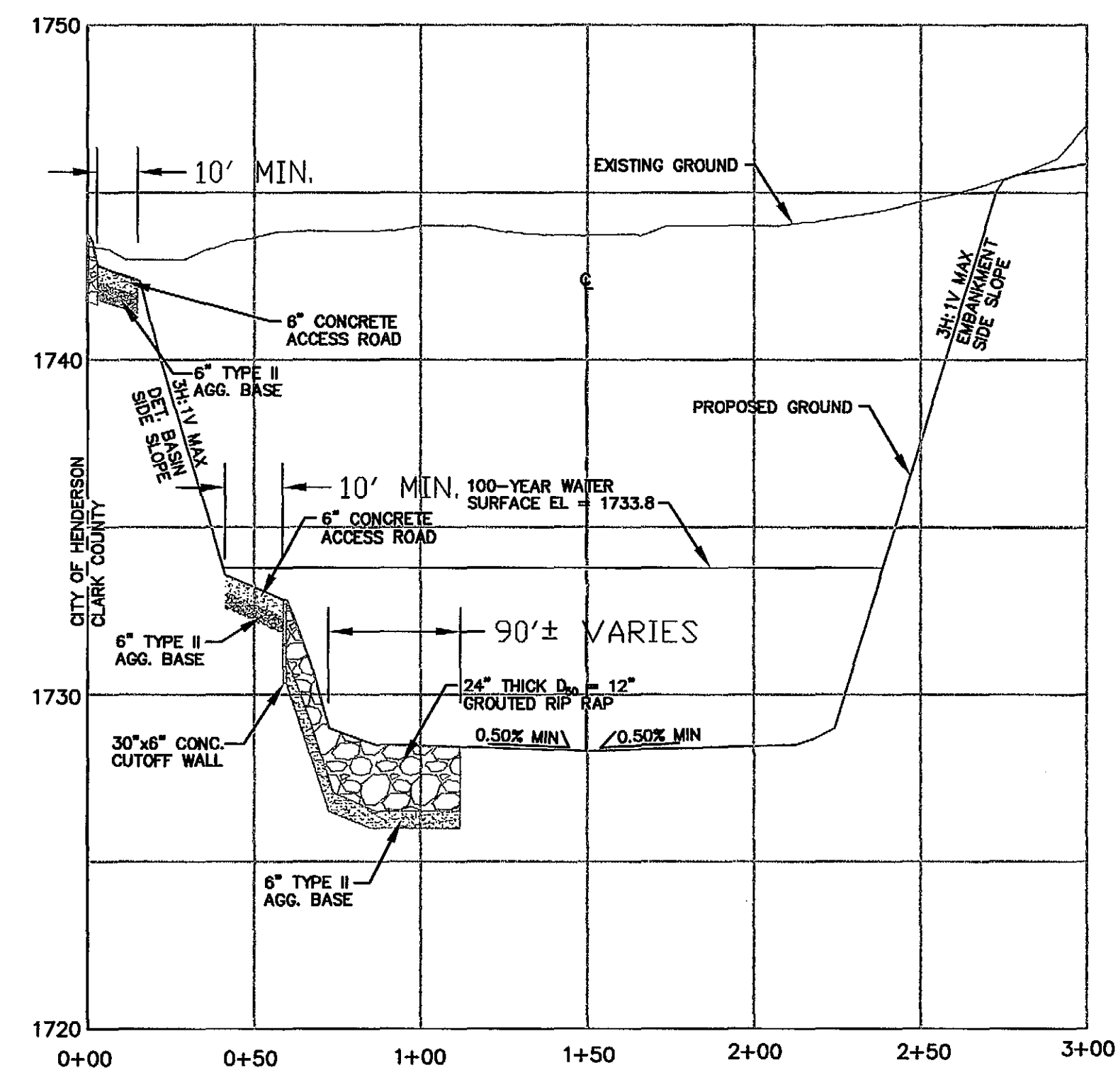
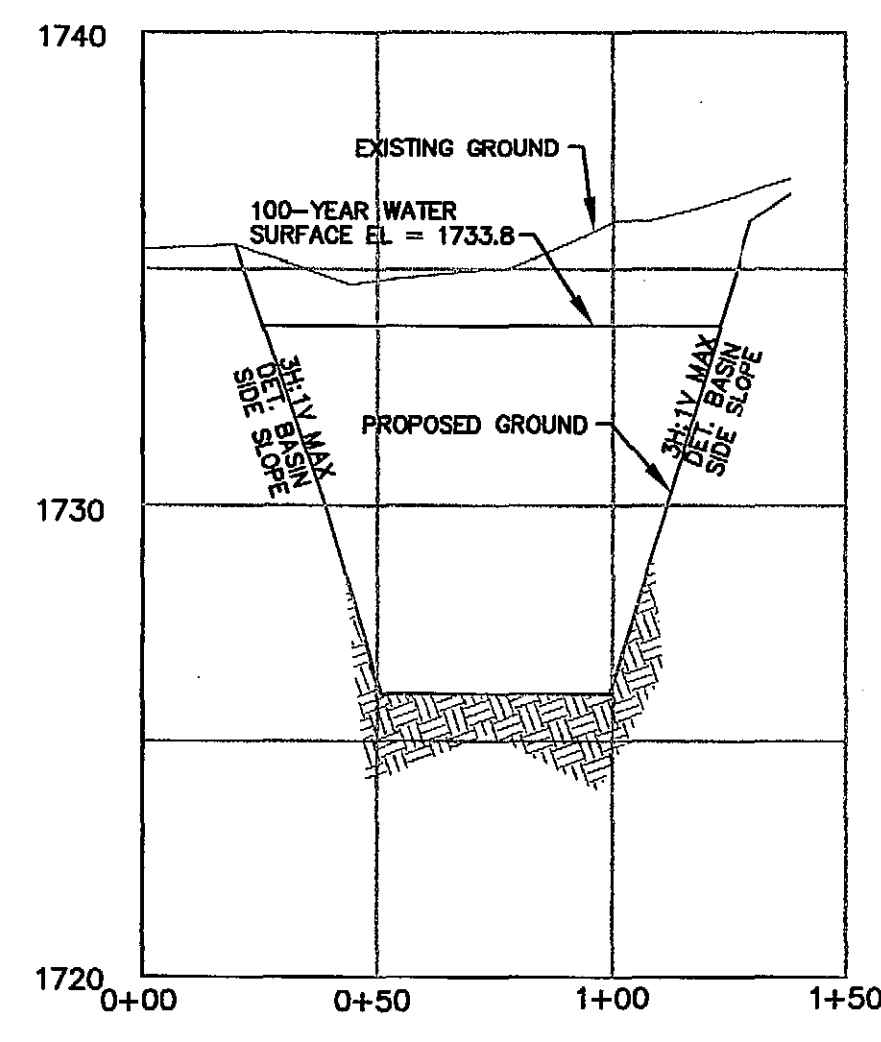
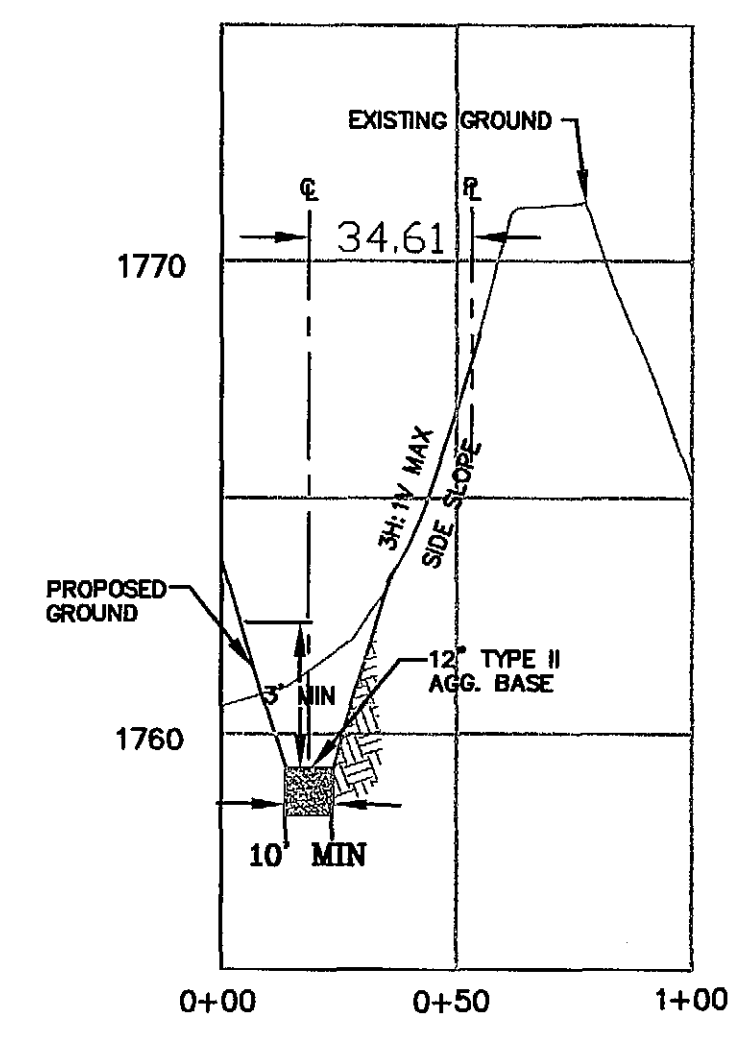
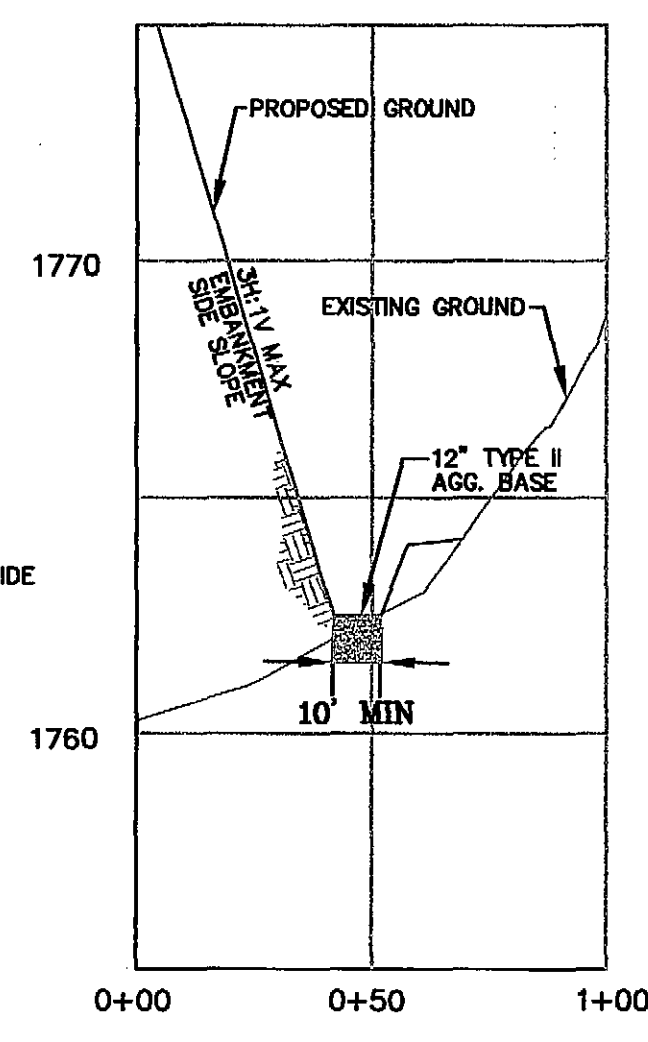
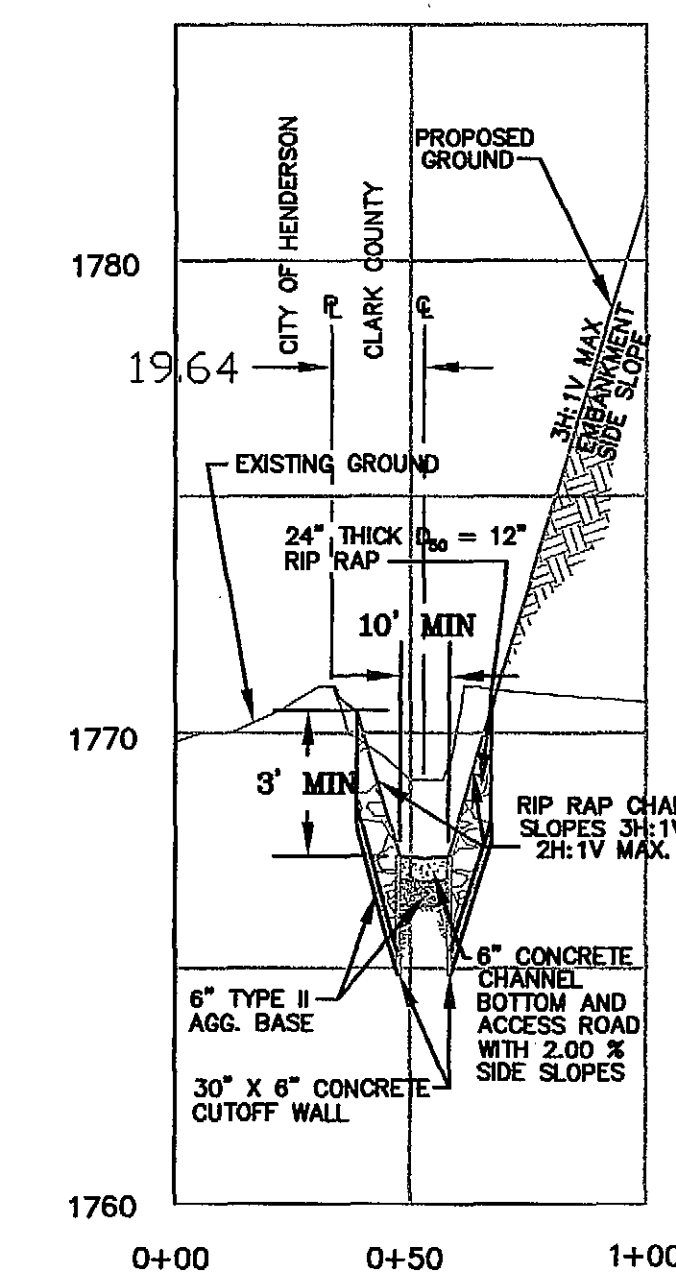
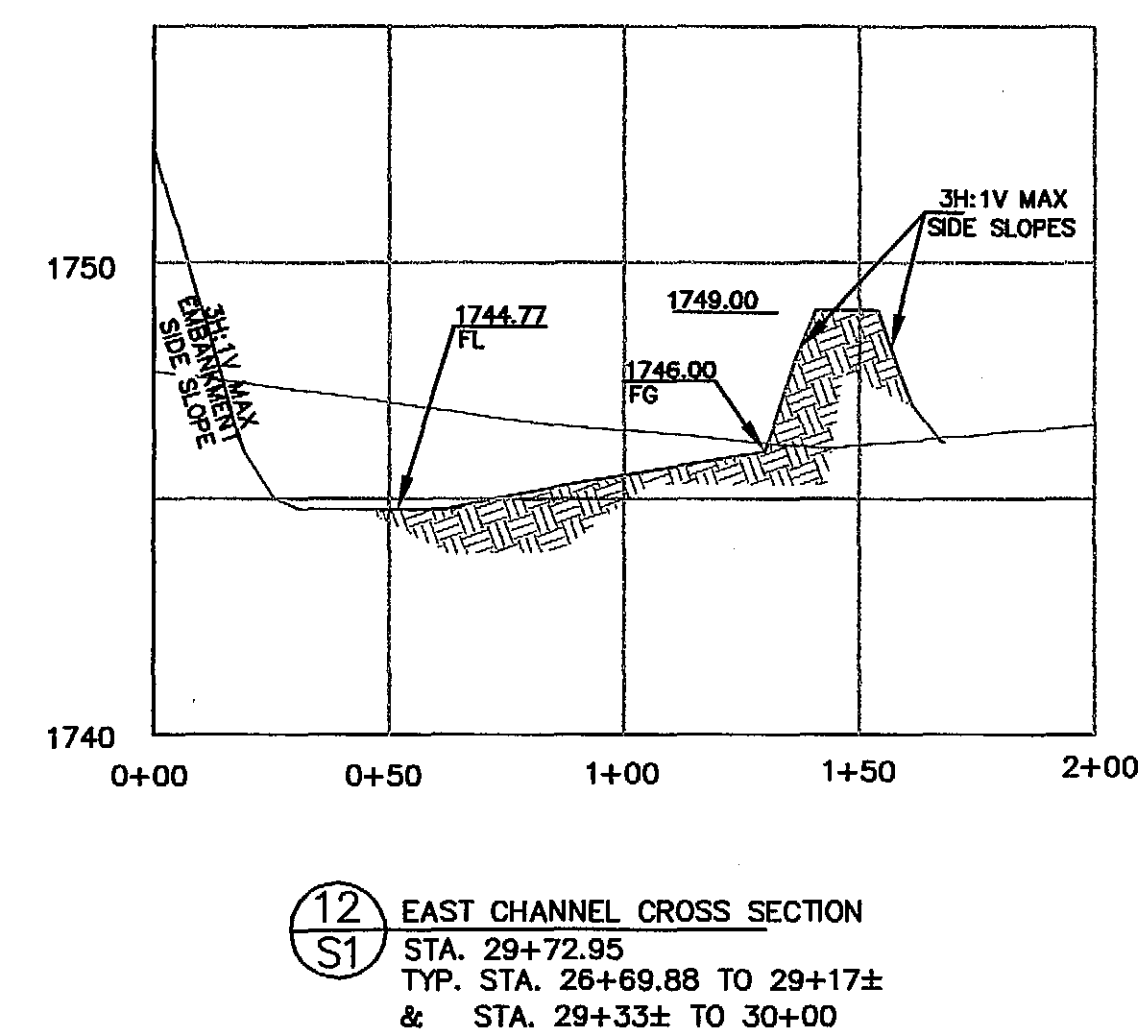
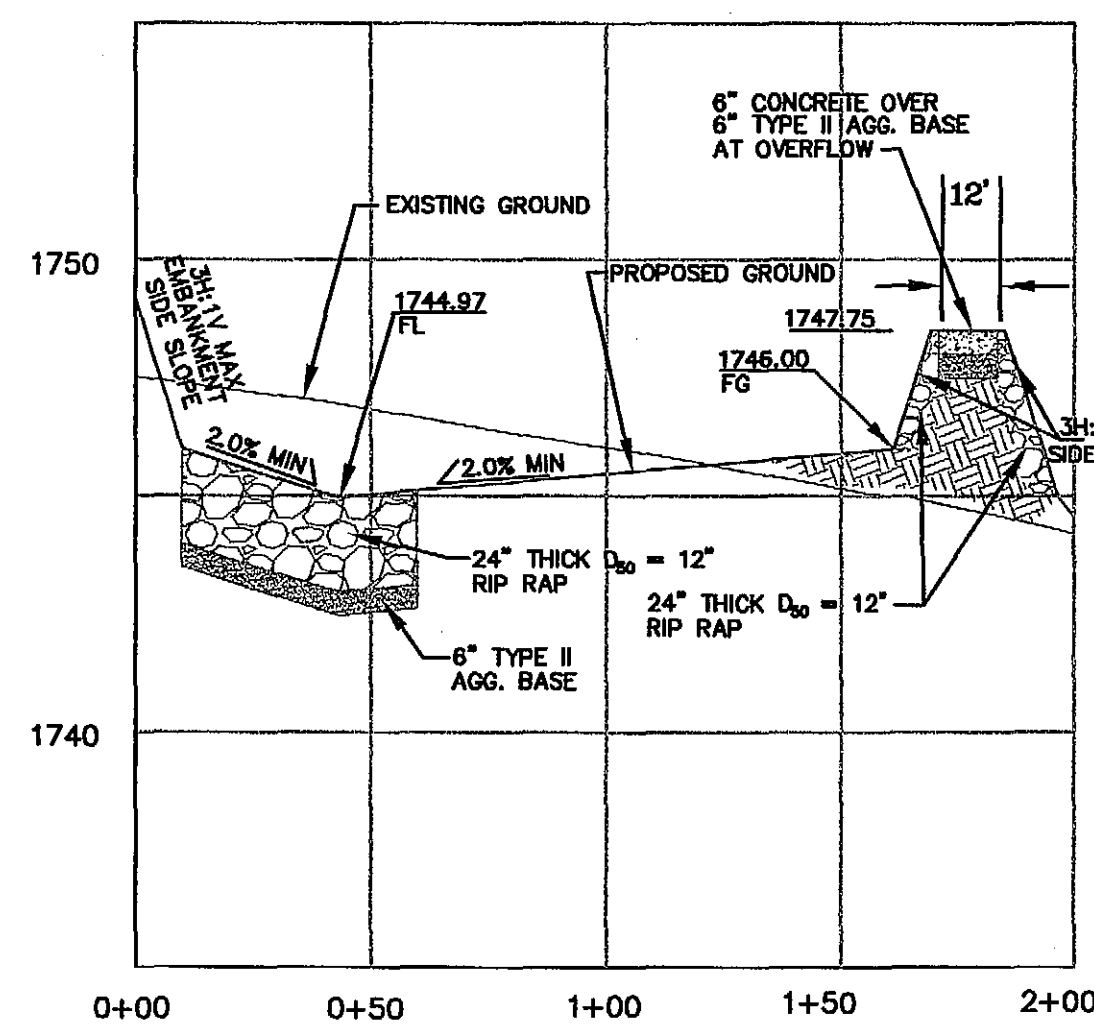
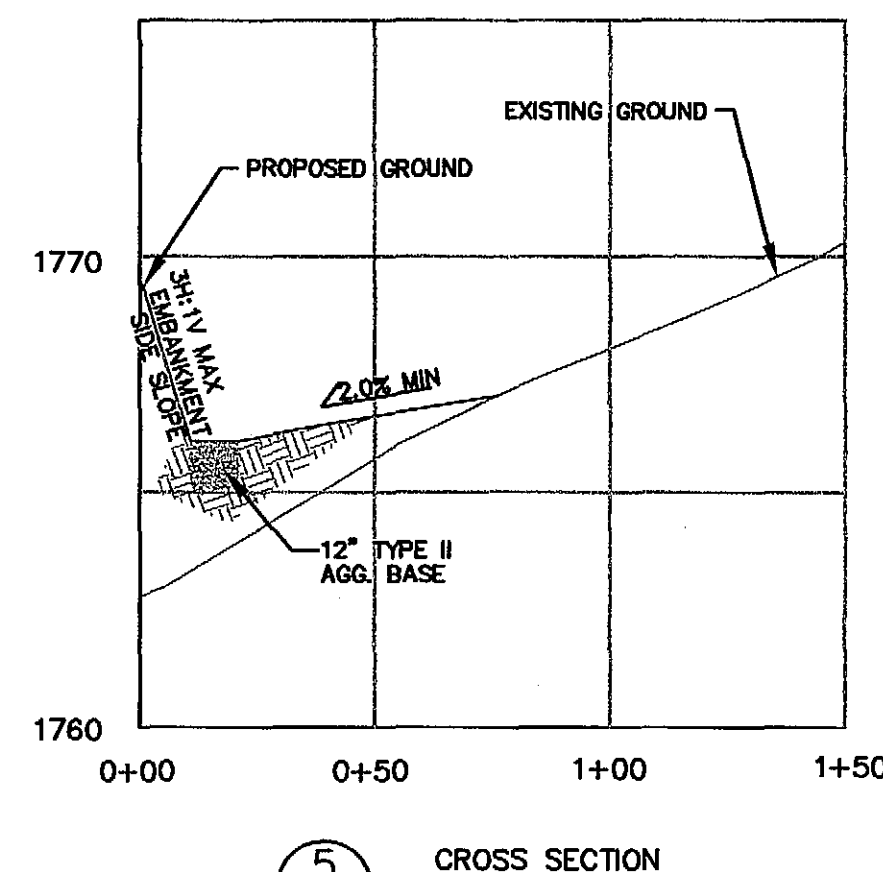
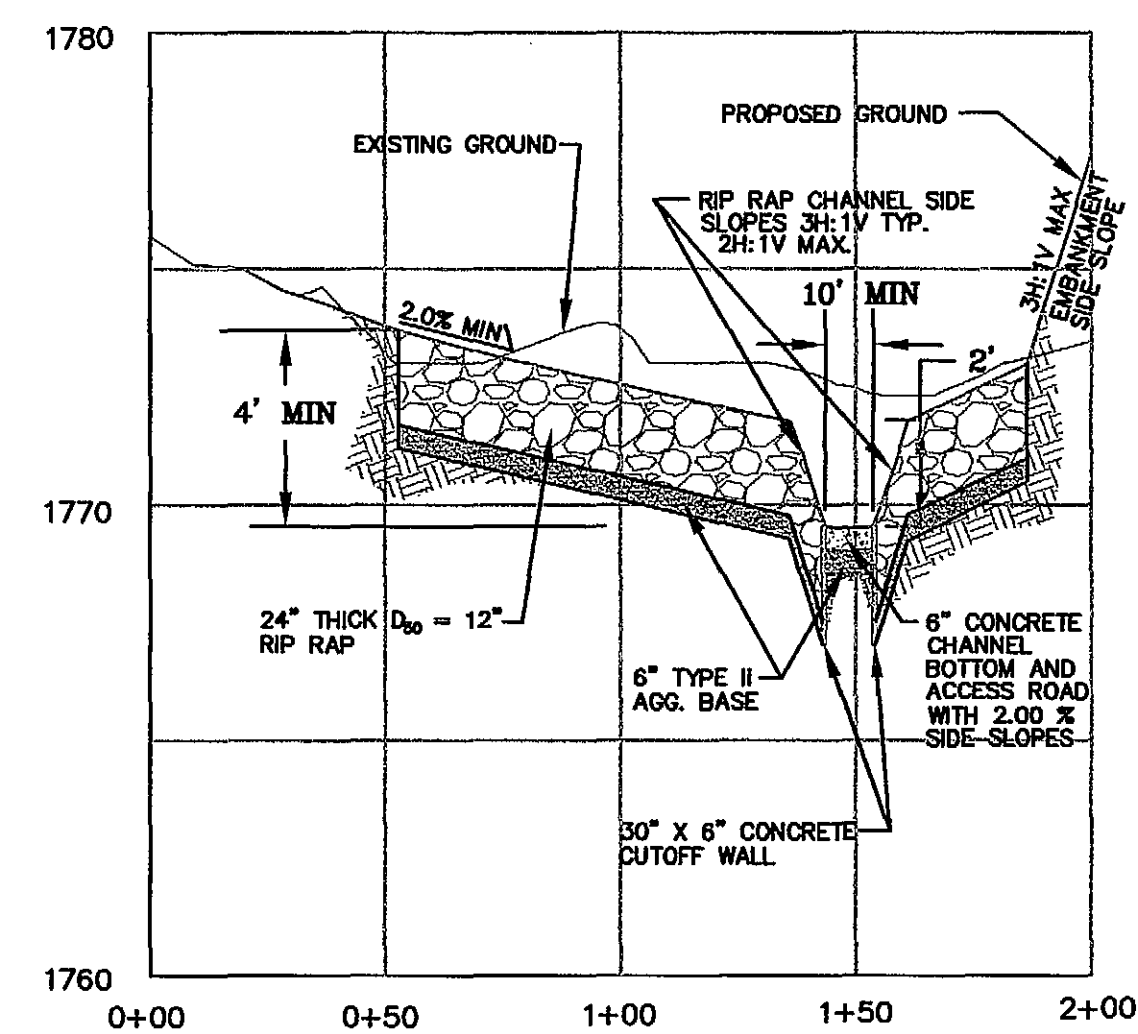
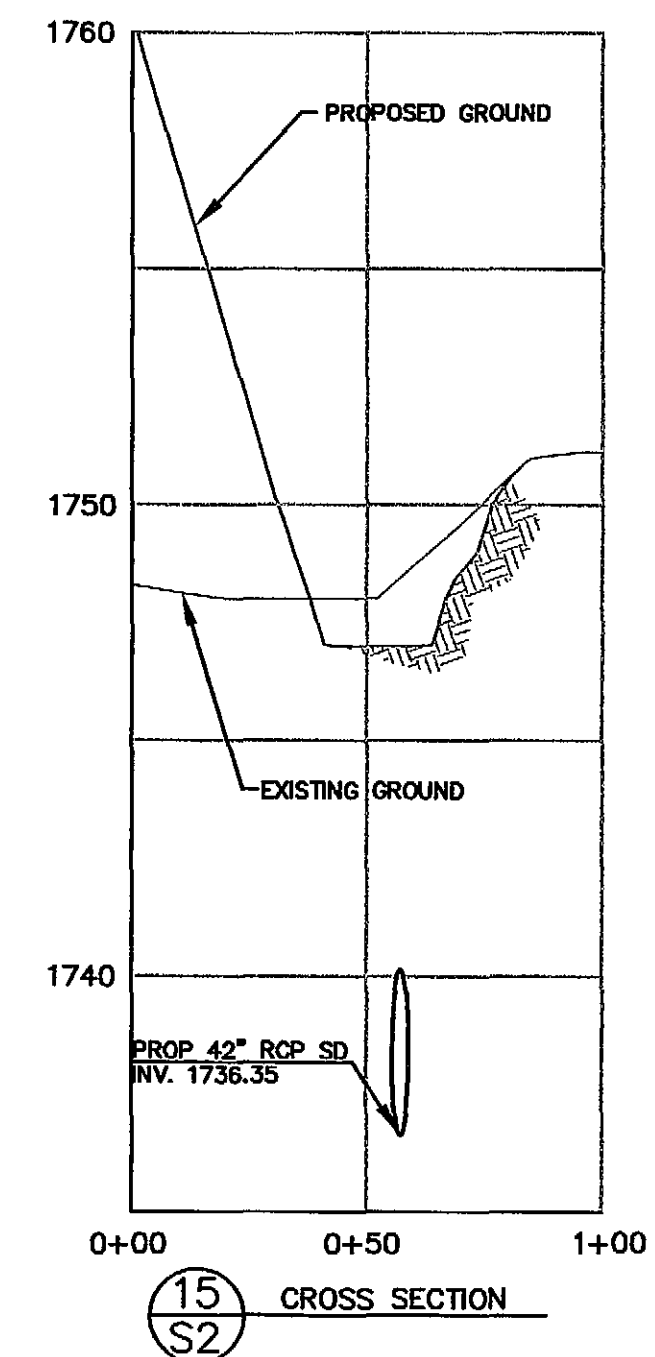
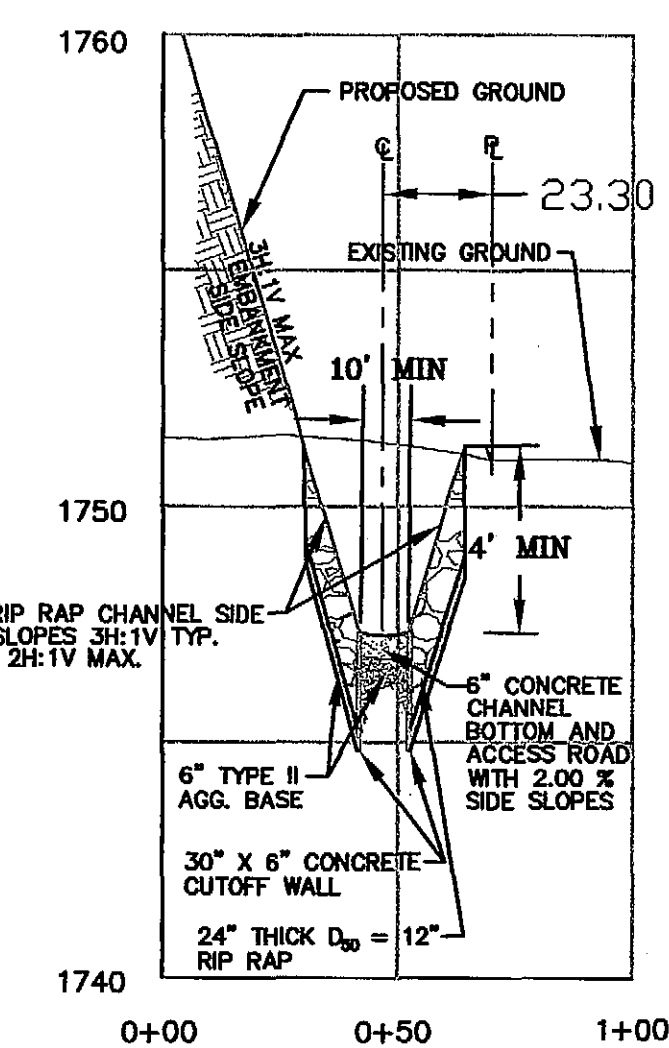
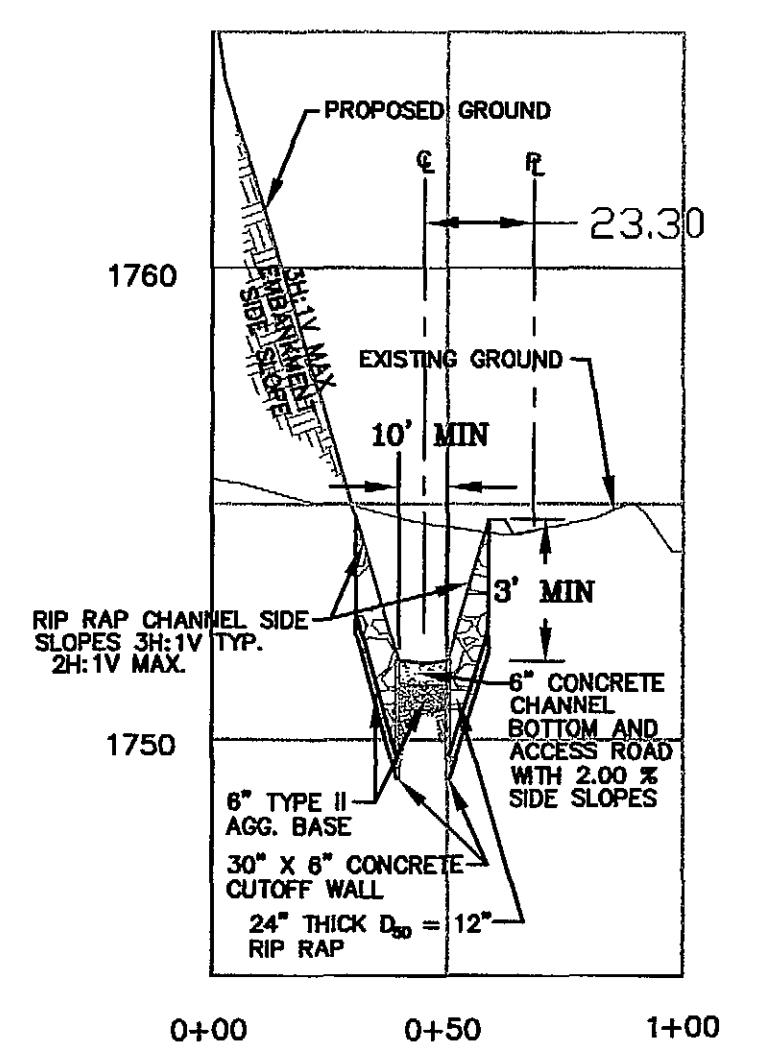
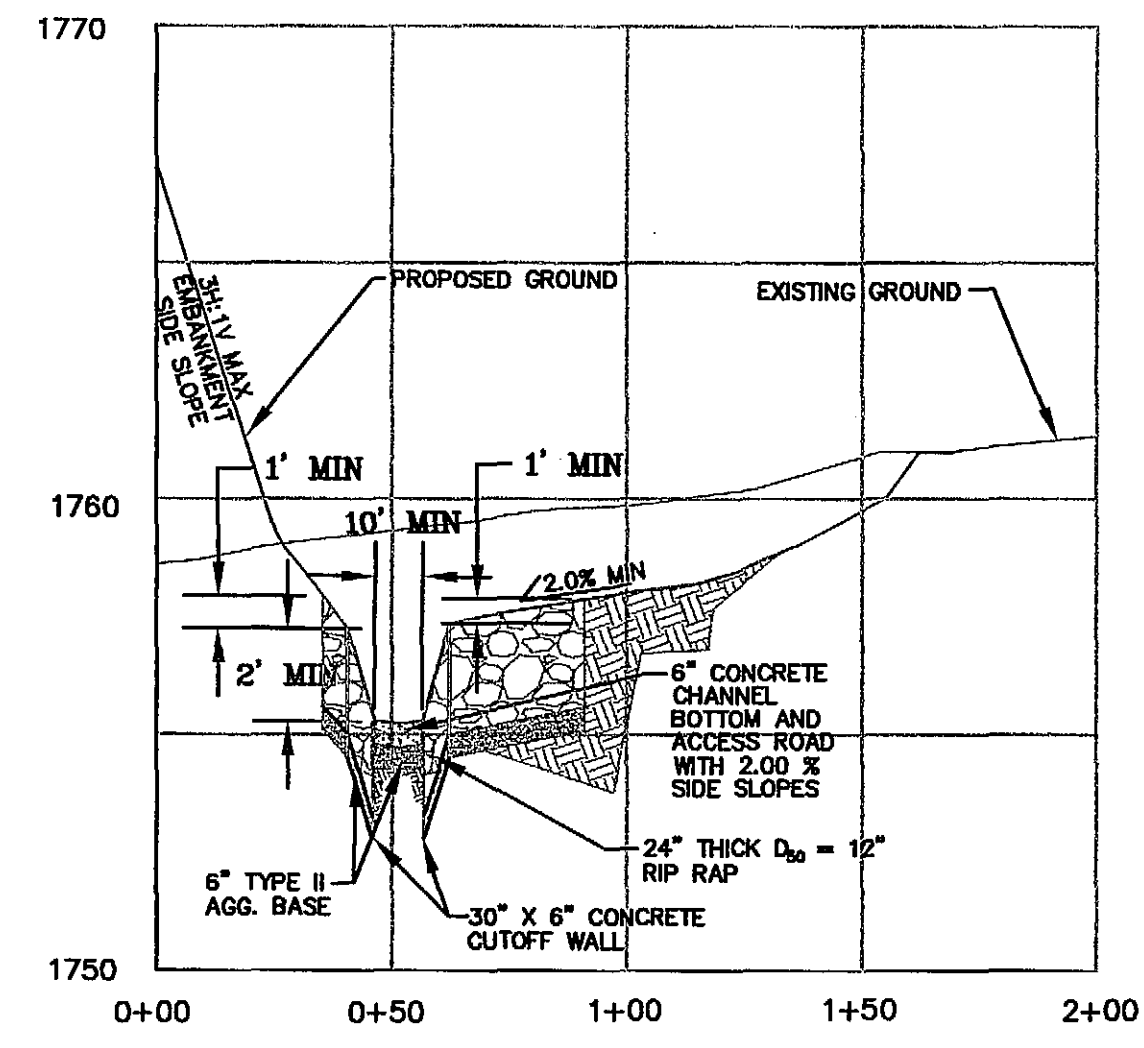
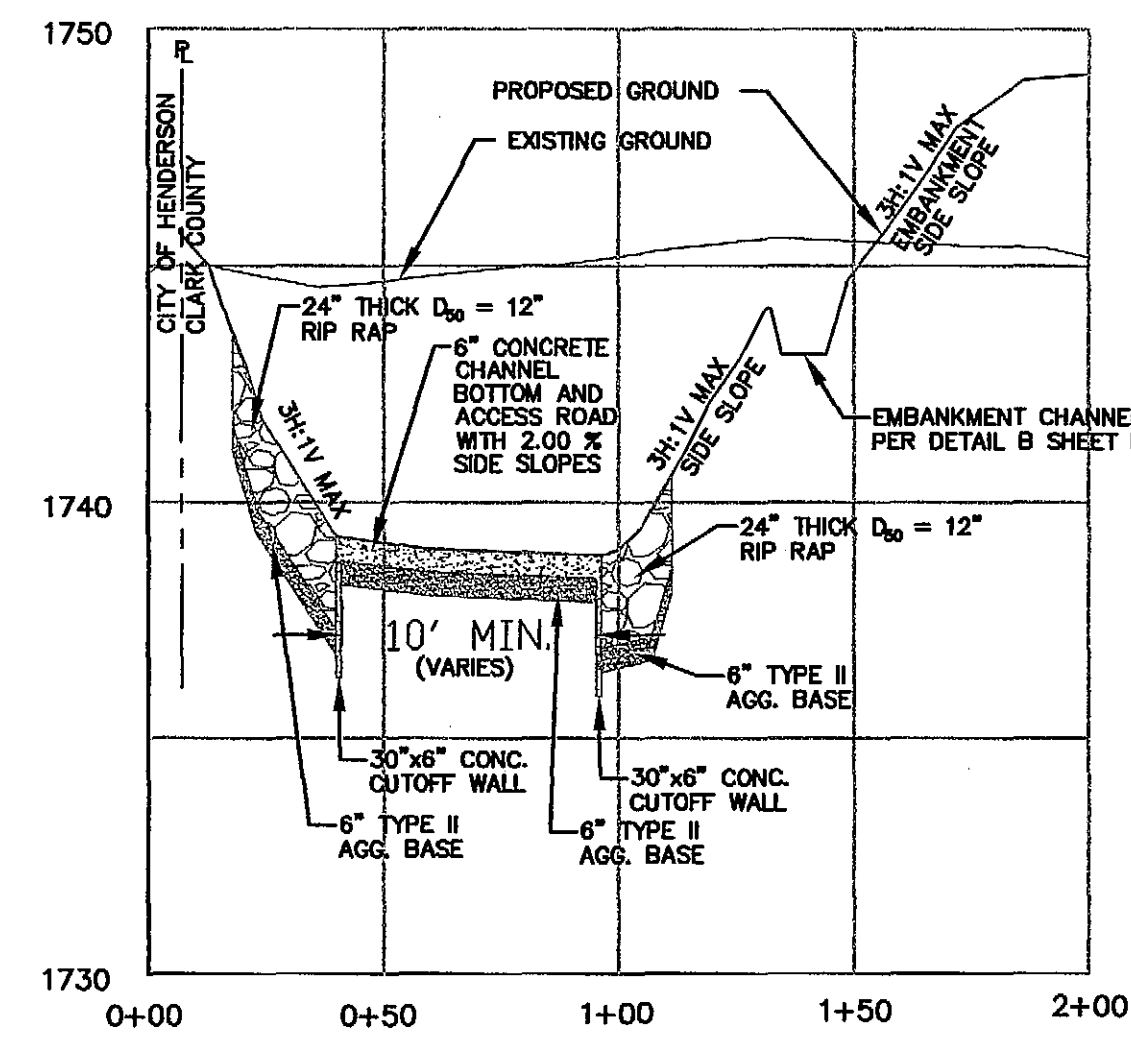
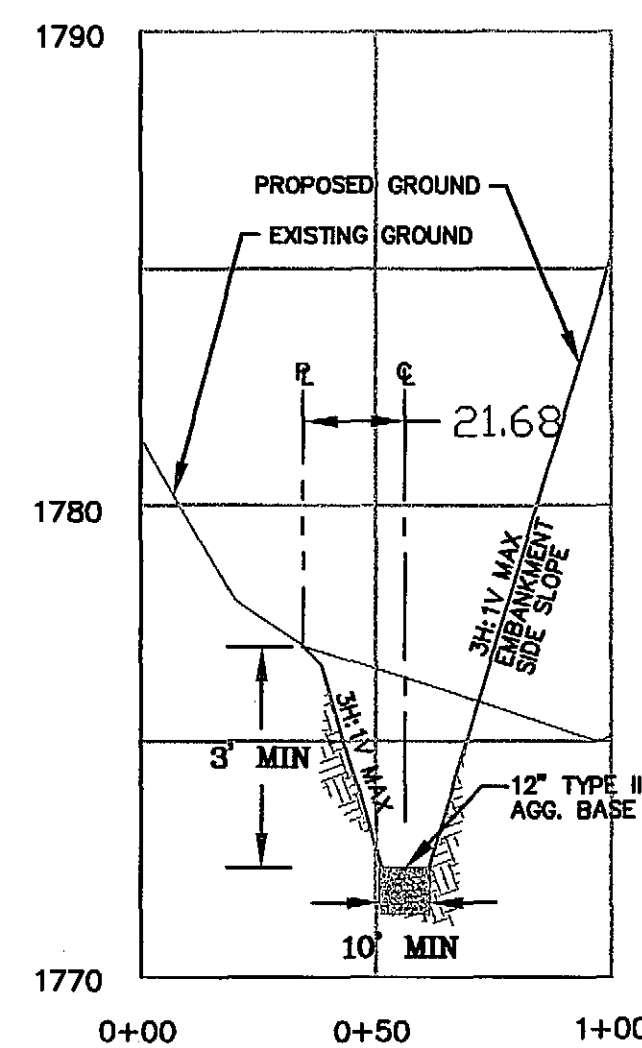
NAVD 1988 DATUM
ELEVATION = 533.553 METERS
1750.50 FEET
(REVISED 2003)

KEY MAP - SHEET INDEX



EASTSIDE LANDFILL
WEST CHANNEL PLAN AND PROFILE
STA. 10+00 TO 20+00

DESIGNED BY: DS	DRAWN BY: DS	CHECKED BY: LJ	DATE: AUGUST 21, 2007
HTE# 06-44325	19	23	P3



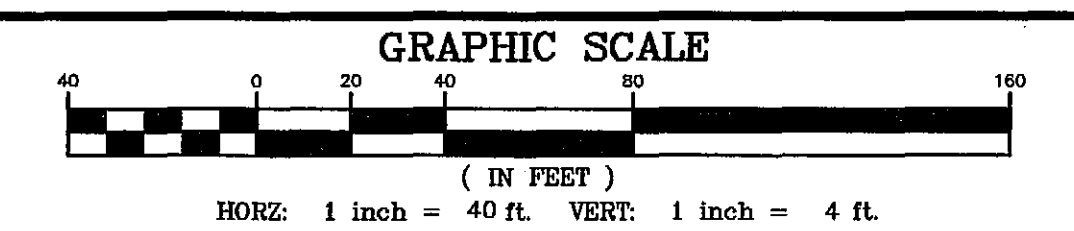
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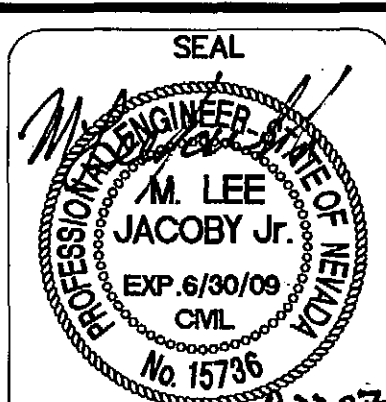
AVOID CUTTING UNDERGROUND
UTILITY LINES. IT'S COSTLY.

**Call
before you
Dig.**

1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

AVOID OVERHEAD POWER LINE
CONTACT, IT'S COSTLY.

Call
before you
OVERHEAD
1-702-227-2929
NEVADA POWER ENVIRONMENT AND



TE# 3-44325	DESIGNED BY: —DS	JOB NO.: 1603.19	EASTSIDE LANDFILL CROSS SECTIONS I	 Harsco Construction New York, NY 10024-5382 New York, NY 10024-5382 New York, NY 10024-5382	 220 Corporate Center New York, NY 10024-5382 New York, NY 10024-5382 New York, NY 10024-5382 ENGINEERING PLANNING SURVEYING CONSTRUCTION SERVICES	REVISIONS			
	DRAWN BY: —DS	FILE NAME: LANDFILL				REV.	DESCRIPTION	BY	DATE
22	CHECKED BY: —LJ	SCALE: HORIZ.: 1" = 40' VERT.: 1" = 4'							
51	DATE: AUGUST 21, 2007								

