

DEPARTMENT OF PUBLIC WORKS

Mayor:
CAROLYN G. GOODMAN

City Council:
STAVROS S. ANTHONY (Mayor Pro-Tem)
MICHELE FIORE
CEDRIC CREAR
BRIAN KNUDSEN
VICTORIA SEAMAN
OLIVIA DIAZ

City Manager:
JORGE CERVANTES, P.E., P.T.O.E.

Director of Public Works:
MIKE JANSSEN, P.E., P.T.O.E.

City Engineer:
STEVE FORD, P.E.

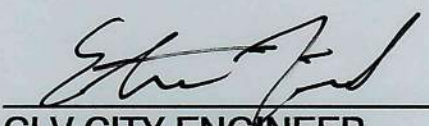
Funded By:
CITY OF LAS VEGAS



FLOYD LAMB SHOOTING RANGE SITE 1A REMEDIATION

FINAL
NOVEMBER 2020

Reviewed By:

 11/25/2020
CLV CITY ENGINEER DATE

 11/24/2020
CLV PROJECT MANAGER DATE

N/A
CLV CITY TRAFFIC ENGINEER DATE

 12/3/2020
CLV CONSTRUCTION MANAGER DATE

N/A
CLARK COUNTY REGIONAL
FLOOD CONTROL DISTRICT DATE

N/A
REGIONAL TRANSPORTATION
COMMISSION OF SOUTHERN NEVADA DATE

RTC PROJECT # N/A

N/A
SOUTHWEST GAS CORPORATION DATE

N/A
CENTRAL TELEPHONE COMPANY DATE
d/b/a CENTURYLINK

THE AFFIXED CENTURYLINK 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 STANDARD REGULATIONS.

N/A
COX COMMUNICATIONS LAS VEGAS, INC. DATE

N/A
NV ENERGY - DISTRIBUTION 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.

N/A
NV ENERGY - TRANSMISSION DATE

APPROVED FOR CONSTRUCTION	
N/A	
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES	
PROJECT NO. N/A	FIRST APPROVED DATE: N/A
SHEETS: N/A	

THE SIGNATURE ABOVE ACKNOWLEDGES THAT THE UTILITY COMPANY REPRESENTATIVE HAS REVIEWED THE PLANS, AND THAT TO THE BEST OF HIS OR HER KNOWLEDGE THE UTILITY LINES ARE SHOWN IN THE CORRECT LOCATIONS AND ARE THE CORRECT SIZES. WHILE SUCH DATA HAS BEEN COLLECTED WITH REASONABLE CARE, THERE IS NO EXPRESSED OR IMPLIED GUARANTEE THAT THE LOCATIONS ARE EXACT. THE CONTRACTOR SHALL BEAR THE RESPONSIBILITY OF OBTAINING THE ACTUAL FIELD LOCATIONS.

THE SIGNATURE ABOVE FURTHER ACKNOWLEDGES THAT THE UTILITY COMPANY DOES NOT ANTICIPATE CONSTRUCTION OR MAINTENANCE IN THE PROJECT AREA FOR FIVE (5) YEARS IN CONFORMANCE WITH THE CLV NO-CUT POLICY.

PREPARED BY		NO.		DATE		SHEET		REVISIONS	
CITY OF LAS VEGAS		20.MW.A295		NOV 2020		BP		MS, NM	
DESIGNED BY:		DRAWN BY:		CHECKED BY:		SUBMITTAL STAGE:		FINAL	
CV		1		OF		9		DRAWING NO. 650.132	

**FLOYD LAMB SHOOTING RANGE
SITE 1A REMEDIATION**

COVER

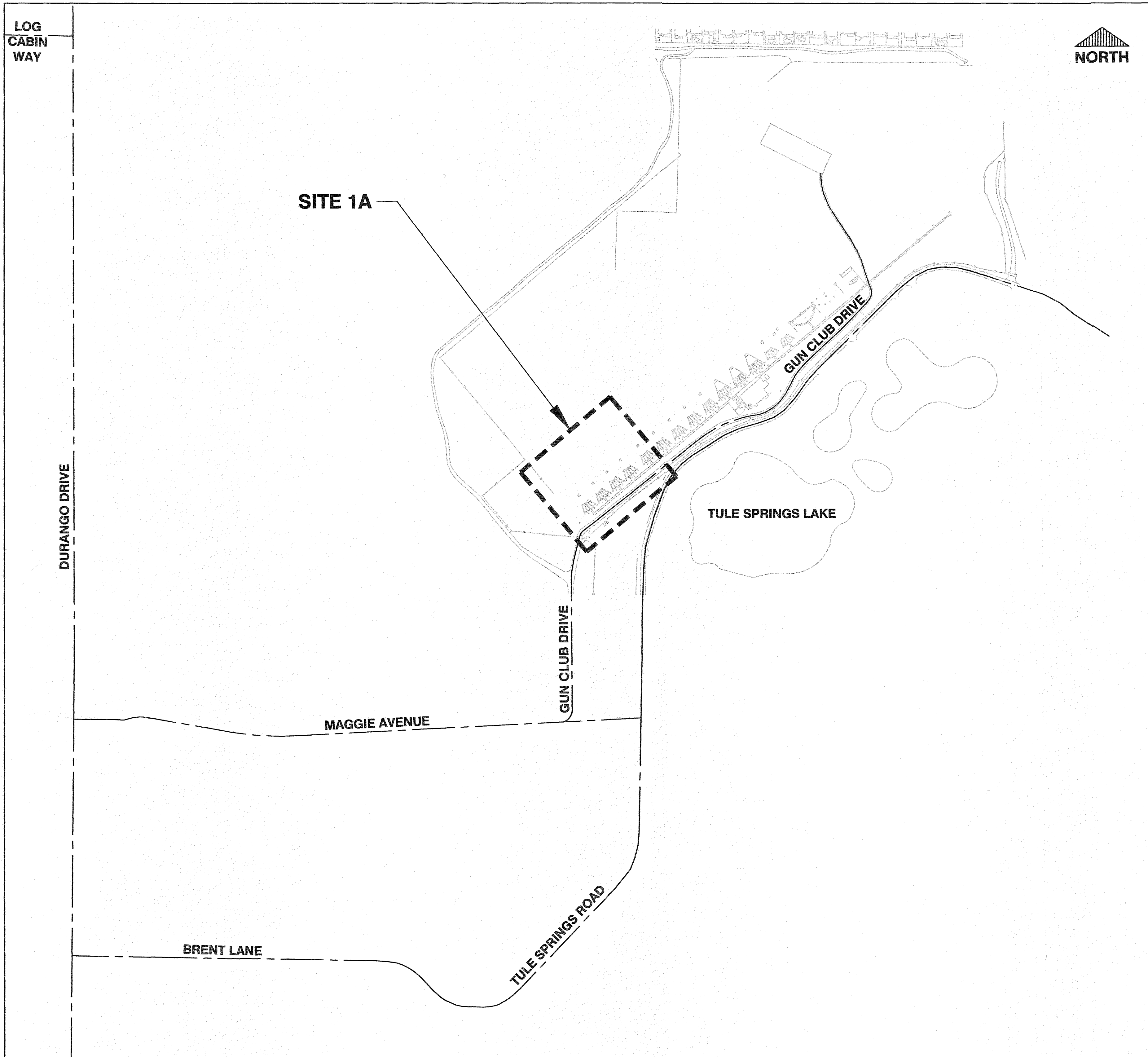
CITY OF LAS VEGAS

**DEPARTMENT OF PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT**

PROFESSIONAL ENGINEER - SITE

MARK A. SORENSON
CIVIL
EXP. 6/30/2022
008782

SITE MAP



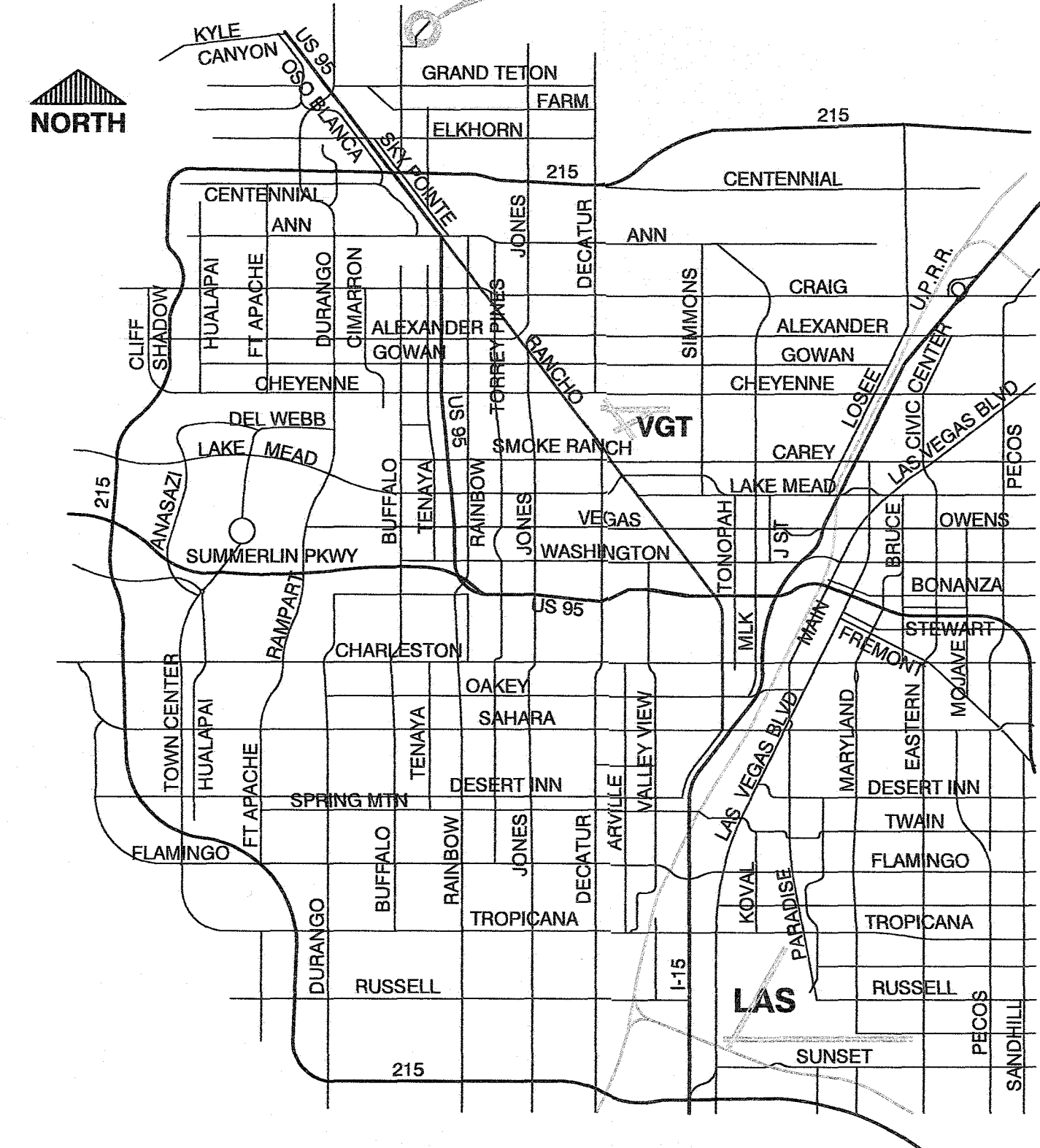
SHEET INDEX

NO.	SHEET	TITLE
1	CV	COVER SHEET
2	GN1	SHEET INDEX AND MAPS
3	GN2	GENERAL NOTES AND LEGENDS
4	SC-01	SURVEY CONTROL MAP
5	RP1	REMOVAL PLAN
6	EP1	EXCAVATION PLAN AND TEST BORING LOCATIONS
7	SK1	STOCKPILE PLAN
8	GR1	GRADING PLAN
9	FP1	FENCING PLAN

VICINITY MAP

NOT TO SCALE

PROJECT VICINITY



**FLOYD LAMB SHOOTING RANGE
SITE 1A REMEDIATION**

SHEET INDEX AND MAPS

PREPARED FOR	CITY OF LAS VEGAS			TITLE
BID#	20.MWA295	DATE:	NOV 2020	SHEET
MW#	MWA295	DESIGNED BY:	BP	
SUBMITTAL STAGE:		DRAWN BY:	BP	
FINAL		CHECKED BY:	MS, NM	

GN1
2 OF 9
DRAWING NO.
650.132

PREPARED BY



CITY OF LAS VEGAS
NEVADA

DEPARTMENT OF PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA", LATEST ISSUE; THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST EDITION; THE "SUMMERLIN IMPROVEMENT STANDARDS" FOR WORK IN THE SUMMERLIN AREA; AND ANY APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; THE UNIFORM BUILDING CODE; AND ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE, EXCEPT AS NOTED ON THIS SHEET AS "DEVIATIONS FROM STANDARDS".

- THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. EXISTING UTILITIES AS SHOWN FROM CLV PLANS LIBRARY ARE APPROXIMATE AND FOR RECORD PURPOSES. EXISTING UTILITIES ARE LOCATED ON PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCE WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COST AND LIABILITY IN CONNECTION THEREWITH.
3. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE, AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED SATISFACTORY TO THE CITY ENGINEER OR OWNING UTILITY COMPANY AT THE EXPENSE OF THE CONTRACTOR.
4. ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
5. TYPE V CEMENT SHALL BE USED IN ALL OFF-SITE CONCRETE WORK. CONCRETE TO BE 3000 P.S.I. MINIMUM @ 28 DAYS. MIX DESIGN TO BE APPROVED BY THE QUALITY CONTROL DIVISION, PRIOR TO THE USE ON THE PROJECT.
6. PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.
7. EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 300' IN EXTRUDED-TYPE CURB.
8. AC PAVEMENT TO BE 1/2" ABOVE LIP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT SIDEWALK RAMPS.
9. CURB AND GUTTER WITH A GRADE OF LESS THAN FOUR-TENTHS OF ONE PERCENT SHALL BE WATER-TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION. ANY CURB AND GUTTER FOUND TO BE UNACCEPTABLE TO THE CITY SHALL BE REMOVED AND REPLACED PER USD 216.
10. SIDEWALK RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER USD 235, CASE I. EXACT LOCATION OF RAMPS MAY BE ADJUSTED IN THE FIELD BY A CITY PROJECT REPRESENTATIVE.
11. CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR INGRESS AND EGRESS TO NEW CONSTRUCTION. THE EXTENT OF TRANSITIONS TO BE AS SHOWN ON PLANS, OR AS DESIGNATED IN THE FIELD BY CITY PROJECT REPRESENTATIVE.
12. EXACT LOCATION OF ALL SAWCUT LINES MAY BE DETERMINED IN THE FIELD BY A CITY PROJECT REPRESENTATIVE IF LOCATION ON PLANS IS NOT CLEARLY SHOWN, OR EXISTING PAVEMENT CONDITION REQUIRES RELOCATIONS.
13. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING PERMANENT SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE REPLACED, AND SHALL BE DONE ONLY BY A NEVADA PROFESSIONAL LAND SURVEYOR IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS - CLARK COUNTY AREA. A RECORD-OF-SURVEY FOR REPLACEMENT OF PERMANENT SURVEY MONUMENTS SHALL BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL PRIOR TO RECORDING. THE RECORD-OF-SURVEY SHALL BE PREPARED IN ACCORDANCE WITH NEVADA REVISED STATUTES 625.350.
14. UTILITY COMPANY METER BOXES, MANHOLE LIDS, VALVE COVERS, ETC., SHALL BE LOCATED OUT OF DRIVEWAYS, DRIVEWAY APRONS, FLOWLINES, AND CROSS GUTTERS UNLESS WRITTEN APPROVAL IS GRANTED BY THE AFFECTED UTILITY COMPANY AND THE CITY ENGINEER.
15. ALL WALLS, NEW OR EXISTING, ARE ONLY SHOWN ON CIVIL PLANS FOR THE PURPOSE OF REVIEWING GRADING RELATIONSHIPS; FLOOD CONTROL AND SIGHT DISTANCE AT INTERSECTIONS. NEW WALLS REQUIRE A SEPARATE PERMIT AND INSPECTION BY THE CLV BUILDING DEPARTMENT.
16. ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT WITHIN CITY RIGHTS-OF-WAY.
17. CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING INLETS, VALVE BOXES, MANHOLE RIMS, SEWER CLEANOUTS, ETC. TO FINISH GRADE AS APPLICABLE WHETHER OR NOT THEY ARE SHOWN ON THE PLANS.
18. MATERIALS, HANDLING AND PLACEMENT OF PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF MDOT AND CLARK COUNTY AREA SPECIFICATIONS (AS APPLICABLE) AND THE PLANS AND DETAILS SHOWN HEREON.
19. WHEN INSTALLING UNDERGROUND FACILITIES THAT REQUIRE UNDERGROUND LOCATING DEVICES SUCH AS MARKER BALLS, LOCATING RIBBON, ETC, THE CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION TO THE ENGINEER CERTIFYING THAT ALL DEVICES HAVE BEEN PLACED AND VERIFIED TO BE IN GOOD WORKING CONDITION PRIOR TO THE CONSTRUCTION OF ANY ROAD BASE.
20. NEWLY INSTALLED AND EXISTING UTILITIES EXPOSED DURING CONSTRUCTION SHALL BE SURVEYED AND DOCUMENTED PER SECTION 622 OF THE SPECIAL PROVISIONS.
21. CCTV VIDEO INSPECTION IS REQUIRED FOR ALL SEWER AND STORM DRAINS. THE CCTV VIDEO INSPECTIONS NEED TO BE PERFORMED PER THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS LATEST ADDITION.
22. A SEPARATE BORING PERMIT IS REQUIRED FOR ALL BORING ACTIVITIES.

REVISÉD JULY 23, 2015 (CPM VERSION)

1. IN THE EVENT THAT ANY UNFORESEEN CONDITIONS NOT COVERED BY THESE NOTES ARE ENCOUNTERED DURING GRADING OPERATIONS, THE OWNER/ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTION.

2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS WITHIN THE LIMITS OF THIS PROJECT AND THE RELATED OFF-SITE WORK, SO AS TO GENERATE THE DESIRED SUBGRADE, FINISH GRADES AND SLOPES SHOWN.

CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ALL EXCAVATION, ADEQUATE SHORING SHALL BE DESIGNED AND PROVIDED BY THE CONTRACTOR TO PREVENT UNDERMINING OF ANY ADJACENT FEATURES OR FACILITIES AND/OR CAVING OF THE EXCAVATION.

4. THE GRADING CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE OWNER TO PROVIDE FOR THE REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND ASSOCIATED PERMIT.
5. ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.
6. THE USE OF POTABLE WATER WITHOUT A SPECIAL PERMIT FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION WATER.
7. THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS AND ALL OTHER PUBLIC RIGHT-OF-WAY IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC SHALL BE MAINTAINED IN A CLEAN, SAFE AND USABLE CONDITION.
8. IN THE EVENT THAT ANY TEMPORARY CONSTRUCTION ITEM IS REQUIRED THAT IS NOT SHOWN ON THESE DRAWINGS, SUCH ITEM SHALL BE PROVIDED, AS DIRECTED BY THE CITY ENGINEER, AT NO EXPENSE TO THE CITY OF LAS VEGAS. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMS, ROAD SIGNS AND BARRICADES, ETC.

REVISÉD APRIL 13, 2015 (CPM VERSION)

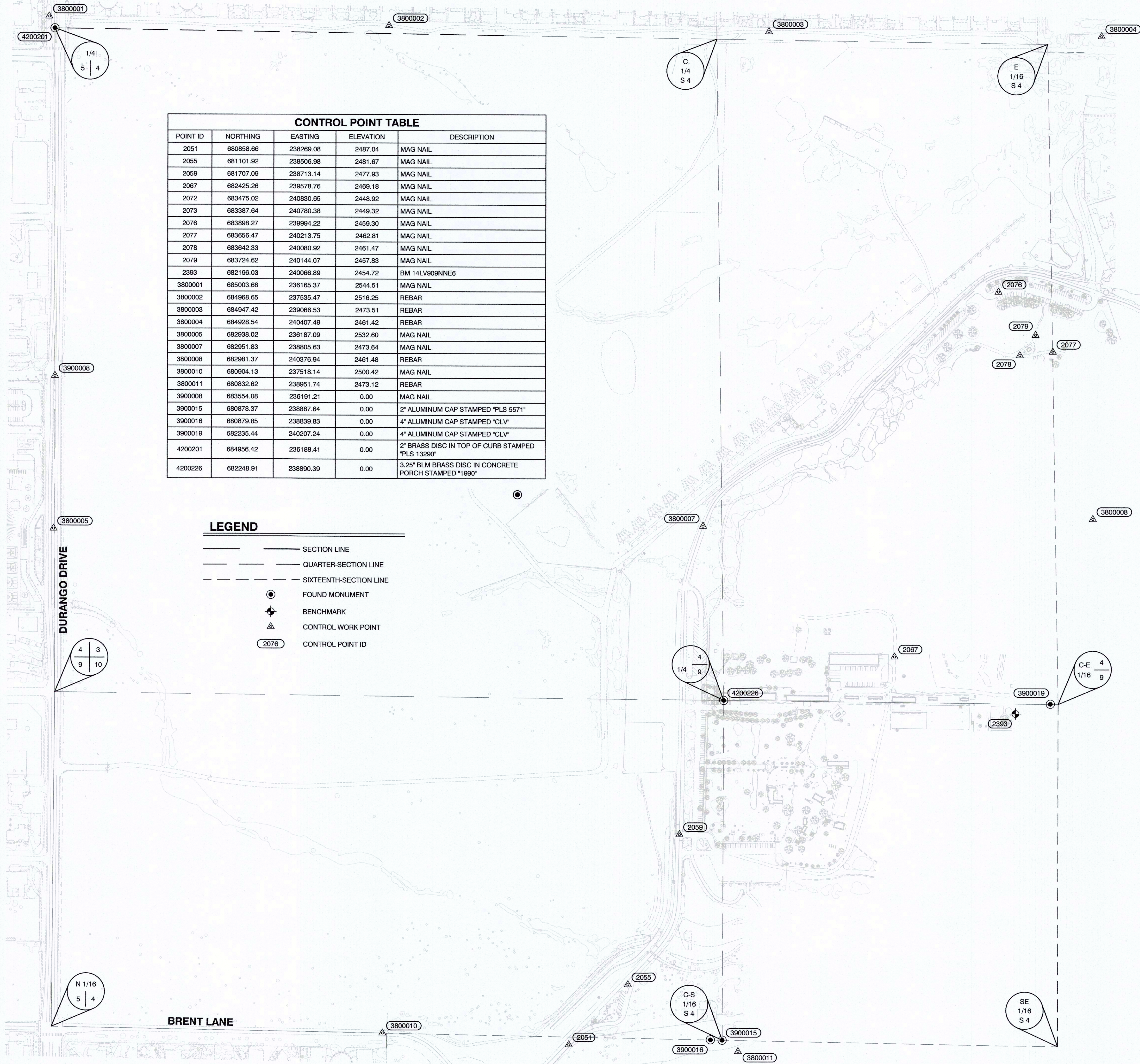
AT	LF	LINEAL FOOT, LINEAR FEET
AB	LT	LEFT
AC	LVWVD	LAS VEGAS VALLEY WATER
ASCP		DISTRICT
ASBP	MH	MANHOLE
	MLCP	MULTI-LAYER COMPOSITE PIPE
APPROX	MTR	METER
AVAR	NDOT	NEVADA DEPT OF
B/C, BC		TRANSPORTATION
BSR	NTS	NOT TO SCALE
BSM	NVE	NV ENERGY
BOTTOM	OHP	OVERHEAD POWER LINE
BR	OHU	OVERHEAD UTILITIES
C & G	PB	PULL BOX
CALCUD	PC	POINT OF CURVATURE
CATV, TV	P.I.P.	PROTECT IN PLACE
CC	PP	POWER POLE
CCPW	PRC	POINT OF REVERSE CURVE
CI	PT	POINT OF TANGENCY
CL	R, PL	PROPERTY LINE
CLSM	R RADIUS	RT RIGHT
	R/W, R.O.W.	RIGHT OF WAY
CLV	SDP	STEEL CYLINDER CONCRETE
CMP		PIPE
CONC	SD	STORM DRAIN
CONDO	SF	SQUARE FOOT
CPM	SP	SPECIAL PROVISIONS
	SS	SANITARY SEWER
D, DIA	STA.	STATION
DGSWCS	STD	STANDARD
	STL	STREET LIGHT
	ST	SPRINKLER VALVE
DOG	S/W	SIDEWALK
DI	SWG	SOUTHWEST GAS
DIP	SY	SQUARE YARD
DOWG	T, TEL	TELEPHONE
DR	TCE	TOP OF CURB
ECR		TEMP. CONSTRUCTION
ELEC, E		EASEMENT
ELEV	TEMP.	TEMPORARY
EDGE, EP	TRANS.	TRANSITION
EX.	TRC	TOP OF RAMP CURB
FAST	TS	TRAFFIC SIGNAL
	TYP.	TYPICAL
	UDACS	UNIFORM DESIGN & CONSTRUCTION
FC		STDS FOR POTABLE WATER
FOUND	USD	DISTRIBUTION SYSTEMS
FG		UNIFORM STANDARD DRAWING
FH, HYD	USST	UNIFORM STD SPECIFICATIONS
FT	VERT.	VERTICAL SCALE
G		WATER LINE
GAS	WC	WHEEL CHAIR
GV	WM	WATER METER
GW	WV	WATER VALVE
HP	W/	
HQR.	Δ	INCLUDED DELTA ANGLE
INT		
INTERSECTION		
IR		
NT		
IRRIGATION		
LENGTH		

--- (302)	CONTOUR - MAJOR		ASPHALT (REMOVAL)
--- (202)	CONTOUR - MINOR		ASPHALT (NEW)
---	CENTERLINE		CONCRETE (REMOVAL)
---	PROFILE GRADE LINE		CONCRETE (NEW)
---	EDGE OF PAVEMENT		MEDIAN (REMOVAL)
---	FLOWLINE		LANDSCAPING (NEW)
---	BACK OF CURB		ADA RAMP (NEW)
---	SIDEWALK		BUILDING (REMOVAL)
---	RIGHT OF WAY LINE		AUTHORIZATION TO ENTER PROPERTY (AEP)
---	PROPERTY LINE		
--- // ---	PATCH / SAWCUT LINE		
---	GRADE BREAK		
---	CONDUIT - FIBER (NEW)		
---	CONDUIT - FIBER (EX.)		
---	CONDUIT - PHONE (NEW)		
---	CONDUIT - PHONE (EX.)		
---	CONDUIT - POWER (NEW)		
---	CONDUIT - POWER (EX.)		
---	CONDUIT - SGLT (NEW)		
---	CONDUIT - SGLT (EX.)		
---	CONDUIT - CATV (NEW)		
---	CONDUIT - CATV (EX.)		
---	CONDUIT - TSIG (NEW)		
---	CONDUIT - TSIG (EX.)		
---	PIPE - IRRIGATION (NEW) SMALLER THAN 12"		
---	PIPE - IRRIGATION (EX.) SMALLER THAN 12"		
---	PIPE - NATURAL GAS (NEW) SMALLER THAN 12"		
---	PIPE - NATURAL GAS (EX.) SMALLER THAN 12"		
---	PIPE - NATURAL GAS (NEW) 12" AND LARGER		
---	PIPE - NATURAL GAS (EX.) 12" AND LARGER		
---	PIPE - SANITARY SEWER (NEW) SMALLER THAN 12"		
---	PIPE - SANITARY SEWER (EX.) SMALLER THAN 12"		
---	PIPE - SANITARY SEWER (NEW) 12" AND LARGER		
---	PIPE - SANITARY SEWER (EX.) 12" AND LARGER		
---	PIPE - STORM (NEW) SMALLER THAN 12"		
---	PIPE - STORM (EX.) SMALLER THAN 12"		
---	PIPE - STORM (NEW) 12" AND LARGER		
---	PIPE - STORM (EX.) 12" AND LARGER		
---	PIPE - WATER (NEW) SMALLER THAN 12"		
---	PIPE - WATER (EX.) SMALLER THAN 12"		
---	PIPE - WATER (NEW) 12" AND LARGER		
---	PIPE - WATER (EX.) 12" AND LARGER		

	ANTENNA / TOWER		SHRUB
	AREA LIGHT		SIDEWALK RAMP
	BENCHMARK		SIGN
	BLOW OFF		STREET LIGHT
	BUS SHELTER		STORM DRAIN INLET
	CABINET		SURVEY MONUMENT
	FIRE HYDRANT		TEST BORING
	HC PARKING SYMBOL		TREE
	IRR. CONTROLLER		UTILITY POLE
	LOOP DETECTOR		UTILITY POLE GUY WIRE
	MANHOLE		VALVE
	METER (BOX)		VAULT
	METER (PEDISTAL)		WHEEL STOP
	PALM TREE		
	PULLBOX		

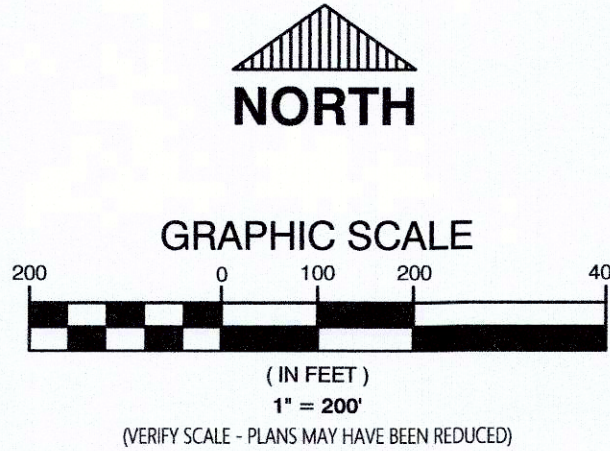
GN2 3 OF 9 DRAWING NO. 650.132		SHEET TITLE CITY OF LAS VEGAS FLOYD LAMB SHOOTING RANGE SITE 1A REMEDIATION GENERAL NOTES AND LEGENDS		PREPARED BY 		DEPARTMENT OF PUBLIC WORKS CAPITAL PROJECT MANAGEMENT	
PREPARED FOR CITY OF LAS VEGAS		SHEET 1720		NO.		REVISIONS	
BID# 20.MWA295 DATE: NOV 2020		DESIGNED BY: BP		DATE		SHEET	
MW# MWA295 SUBMITTAL STAGE: FINAL		DRAWN BY: BP		NO.		REVISIONS	
CHECKED BY: MS, NM		NO.		DATE		SHEET	

1/24/20 W:\PM\GRID\PROJECTS\SURVEY\MA295-14M\999\MA295\CD\PRODUCTION DRAWINGS\MA295-01-SURVEY CONTROL MAP.DWG



CONTROL POINT TABLE				
POINT ID	NORTHING	EASTING	ELEVATION	DESCRIPTION
2051	680858.66	238269.08	2487.04	MAG NAIL
2055	681101.92	238506.98	2481.67	MAG NAIL
2059	681707.09	238713.14	2477.93	MAG NAIL
2067	682425.26	239578.76	2469.18	MAG NAIL
2072	683475.02	240830.65	2448.92	MAG NAIL
2073	683387.64	240780.38	2449.32	MAG NAIL
2076	683898.27	239994.22	2459.30	MAG NAIL
2077	683656.47	240213.75	2462.81	MAG NAIL
2078	683642.33	240080.92	2461.47	MAG NAIL
2079	683724.62	240144.07	2457.83	MAG NAIL
2393	682196.03	240068.89	2454.72	BM 14LV909NNE6
3800001	685003.68	236165.37	2544.51	MAG NAIL
3800002	684968.65	237535.47	2516.25	REBAR
3800003	684947.42	239066.53	2473.51	REBAR
3800004	684928.54	240407.49	2461.42	REBAR
3800005	682938.02	236187.09	2532.60	MAG NAIL
3800007	682951.83	238805.63	2473.64	MAG NAIL
3800008	682981.37	240376.94	2461.48	REBAR
3800010	680904.13	237518.14	2500.42	MAG NAIL
3800011	680832.62	238951.74	2473.12	REBAR
3900008	683554.08	236191.21	0.00	MAG NAIL
3900015	680878.37	238887.64	0.00	2" ALUMINUM CAP STAMPED "PLS 5571"
3900016	680879.85	238839.83	0.00	4" ALUMINUM CAP STAMPED "CLV"
3900019	682235.44	240207.24	0.00	4" ALUMINUM CAP STAMPED "CLV"
4200201	684956.42	236188.41	0.00	2" BRASS DISC IN TOP OF CURB STAMPED "PLS 13290"
4200226	682248.91	238890.39	0.00	3.25" BLM BRASS DISC IN CONCRETE PORCH STAMPED "1990"

- LEGEND**
- SECTION LINE
 - QUARTER-SECTION LINE
 - SIXTEENTH-SECTION LINE
 - FOUND MONUMENT
 - BENCHMARK
 - CONTROL WORK POINT
 - CONTROL POINT ID



BASIS OF BEARINGS

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS AND LAS VEGAS HIGH ELEVATION ZONES, NORTH AMERICAN DATUM OF 1983 (NAD83); SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN

COORDINATE SYSTEM DEFINITION

DATUM/REFERENCE FRAME: NAD83(2011) EPOCH 2010.0

MAPPING PROJECTION PARAMETERS
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)
ZONE: LAS VEGAS ZONE
PROJECTION TYPE: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORIGIN): 36° 15' 00" N
LONGITUDE OF CENTRAL MERIDIAN: 114° 58' 00" W
LINEAR UNIT: US SURVEY FOOT (ftUS)
FALSE NORTHING: 656,166.6667 ftUS (200,000.000 m)
FALSE EASTING: 328,083.3333 ftUS (100,000.000 m)
SCALE FACTOR AT CENTRAL MERIDIAN: 1.0001 (EXACT)

PROJECT BENCHMARK

BENCHMARK ID: 14LV909NNE6
ELEVATION: 2454.72
DATUM: NAVD88 (2008 CLV ADJUSTMENT)
DESCRIPTION: RIVET AND ROUND ALUMINUM PLATE IN CONCRETE PAD AT THE NORTHWEST CORNER OF A PICNIC PAVILION IN FLOYD LAMB PARK, APPROXIMATELY 40 FEET SOUTH OF THE PRODUCED IRON MOUNTAIN ROAD ALIGNMENT AND 172 FEET WEST OF THE WEST BOUNDARY OF THE "COKE & CONOUGH" SUBDIVISION

SURVEYOR'S NOTES

- THE PURPOSE OF THIS SURVEY IS TO MEMORIALIZE THE SURVEY CONTROL MONUMENTATION IN THE PROJECT VICINITY. THIS MAP IS ALSO INTENDED TO SERVE AS THE BASIS FOR ALL CONSTRUCTION SURVEYING.
- THIS MAP DOES NOT CONSTITUTE A BOUNDARY SURVEY AND FOUND MONUMENTS DO NOT NECESSARILY REPRESENT THE LOCATIONS OF ACTUAL CORNERS OR LINES.
- THE FIELD SURVEY WAS COMPLETED ON FEBRUARY 24, 2020.
- ALL DISTANCES AND BEARINGS IMPLIED BY GRID COORDINATES ARE PROJECTED (GRID) VALUES BASED ON THE MAPPING PROJECTION DEFINITION SHOWN HEREON. THE PROJECTION WAS DEFINED SUCH THAT PROJECTED (GRID) DISTANCES ARE EQUIVALENT TO "GROUND" DISTANCES IN THE PROJECT AREA.
- GRID BEARINGS IMPLIED BY GRID COORDINATES DO NOT EQUAL GEODETIC BEARINGS DUE TO MERIDIAN CONVERGENCE.
- TO REQUEST AN ELECTRONIC VERSION OF THE CONTROL POINT TABLE AND CAD LINEWORK FOR THIS SURVEY CONTACT BY EMAIL: survey@lasvegasnevada.gov

PREPARED BY

MICHAEL F. KINNEY
Exp: 6-30-21
No. 21570

DEPARTMENT OF PUBLIC WORKS
SURVEY & RIGHT-OF-WAY

TITLE
**FLOYD LAMB SHOOTING RANGE
SITE 1A REMEDIATION**

SHEET
SURVEY CONTROL MAP

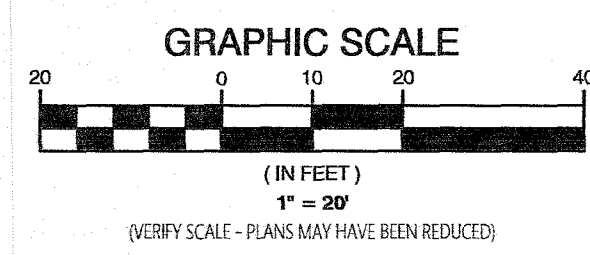
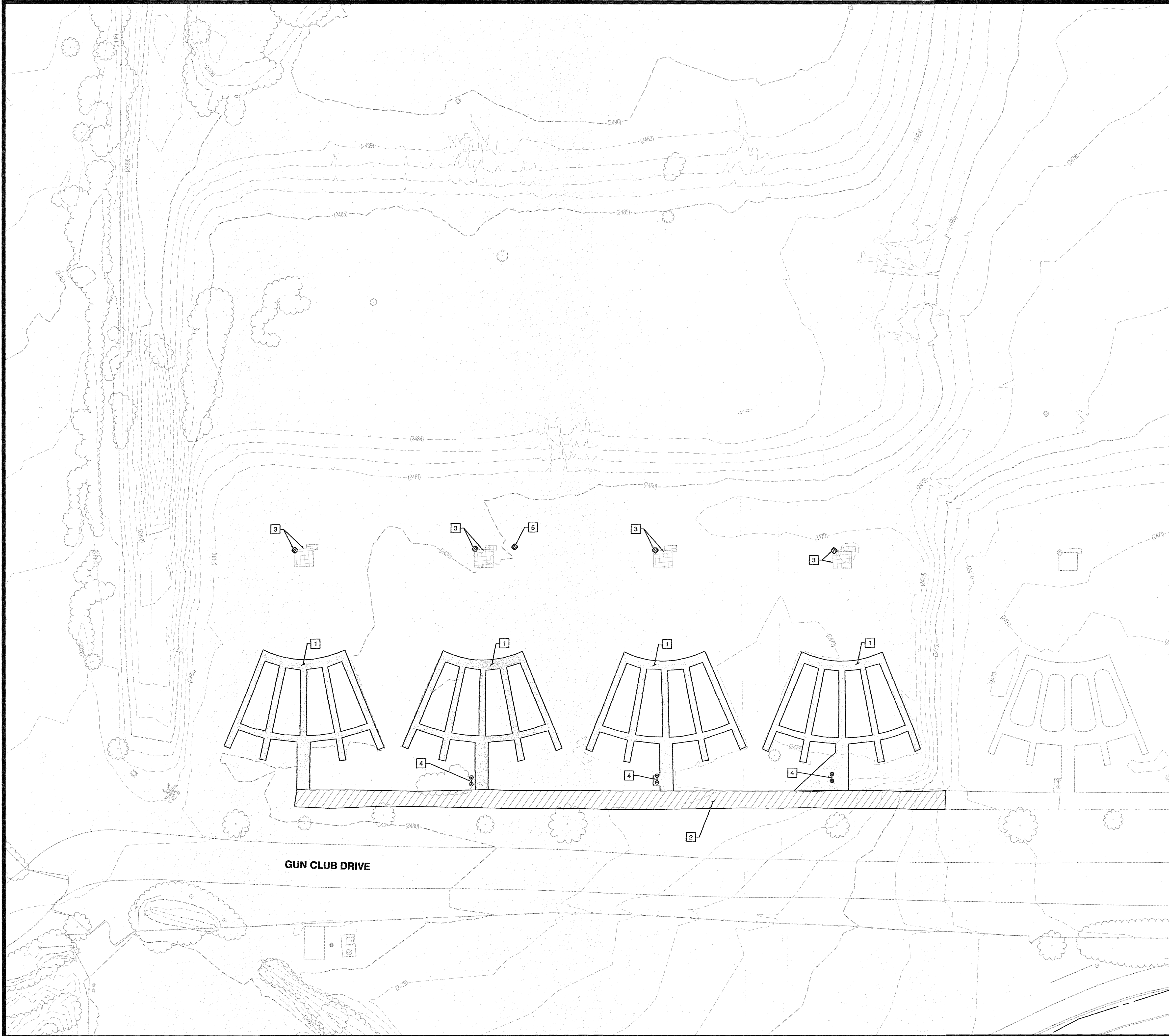
PREPARED FOR
CITY OF LAS VEGAS

BID # 20.MVA295
H # MVA295
SUBMITTAL STAGE: FINAL

DATE: NOV 2020
DESIGNED BY: MFK
DRAWN BY: OMS
CHECKED BY: OMS

SHEET
SC-01
4 OF 9
DRAWING NO.
650.132

1/14/20 WPM PROJ. 60513 (SUN) MWA295 PRODUCTION MWA295-01 3/20/2010



CALL BEFORE CONSTRUCTION

BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6331
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2829

REMOVAL KEY NOTES

- 1 REMOVE AND DISPOSE OF CONCRETE SIDEWALK
- 2 REMOVE AND DISPOSE OF ASPHALT PATH
- 3 REMOVE AND DISPOSE OF TRAP THROWER, FOUNDATION AND ELECTRICAL PANEL
- 4 REMOVE AND DISPOSE OF GUN RACK AND FOUNDATION
- 5 REMOVE AND DISPOSE OF PULL BOX AND CONDUIT

REMOVAL LEGEND

- ASPHALT (REMOVAL)
- CONCRETE (REMOVAL)
- TRAP THROWER (REMOVAL)

QUANTITIES

- 1 8630 SF
- 2 250 SY
- 3 4 TRAP THROWERS
- 4 3 GUN RACKS
- 5 1 PULL BOX

CITY OF LAS VEGAS		FLOYD LAMB SHOOTING RANGE SITE 1A REMEDIATION		REMOVAL PLAN	
BID# 20.MWA295		DATE: NOV 2020		SHEET	
MWA295		DESIGNED BY: BP		CHECKED BY: MS, NM	
SUBMITTAL STAGE:		DRAWN BY:		FINAL	
RP1		5 OF 9		DRAWING NO. 650.132	

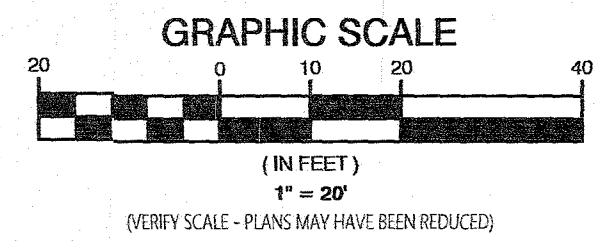
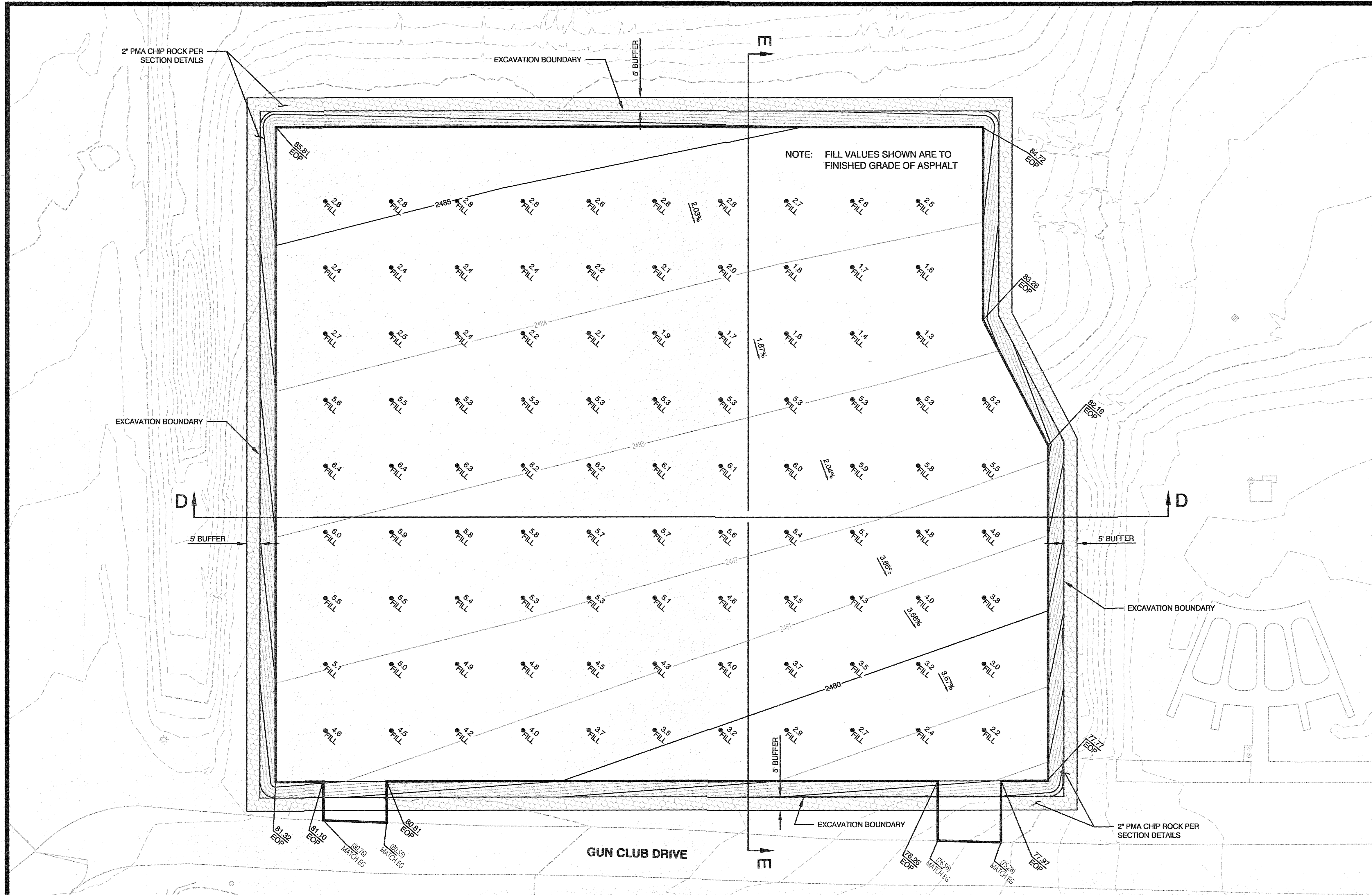
PREPARED BY: [Signature]

DEPARTMENT OF PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT

ENGINEER: [Signature]

MARK A. SCHEENSEN
Exp. 6/30/2022
CIVIL
No. 008742

11/4/20 WPM_GRD_PROJECTS\ENGINEERING\PRODUCTION\WMA295-GR GRADING.DWG

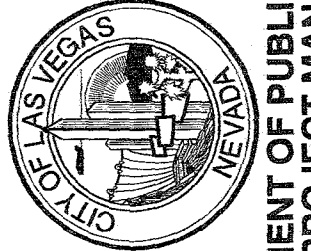


CALL BEFORE CONSTRUCTION

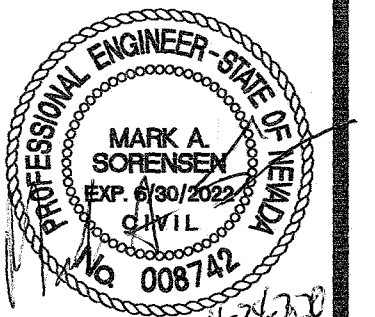
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2800
BEFORE YOU UNDERGROUND	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6331
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

QUANTITIES

CLEANED + LEGALLY CLEAN FILL	9,200 CY
2-INCH ASPHALT	7,840 SY
TYPE II AGGREGATE	870 CY
MARKER BED	8,520 SY
2-INCH PMA CHIP ROCK	1,300 SY



PREPARED BY



DEPARTMENT OF PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT

TITLE
**FLOYD LAMB SHOOTING RANGE
SITE 1A REMEDIATION**

SHEET
GRADING PLAN

PREPARED FOR
CITY OF LAS VEGAS

BID# 20.MW4295
MM# MW4295
SUBMITTAL STAGE: FINAL

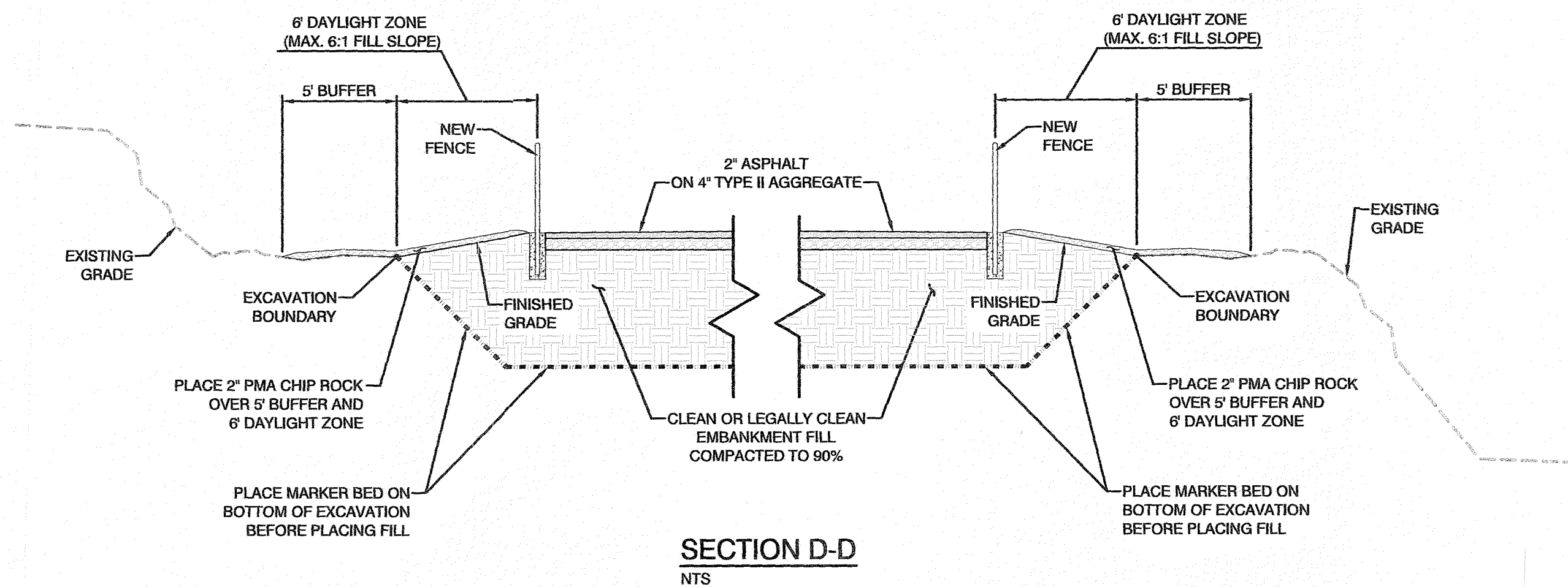
DATE: NOV 2020

DESIGNED BY: BP

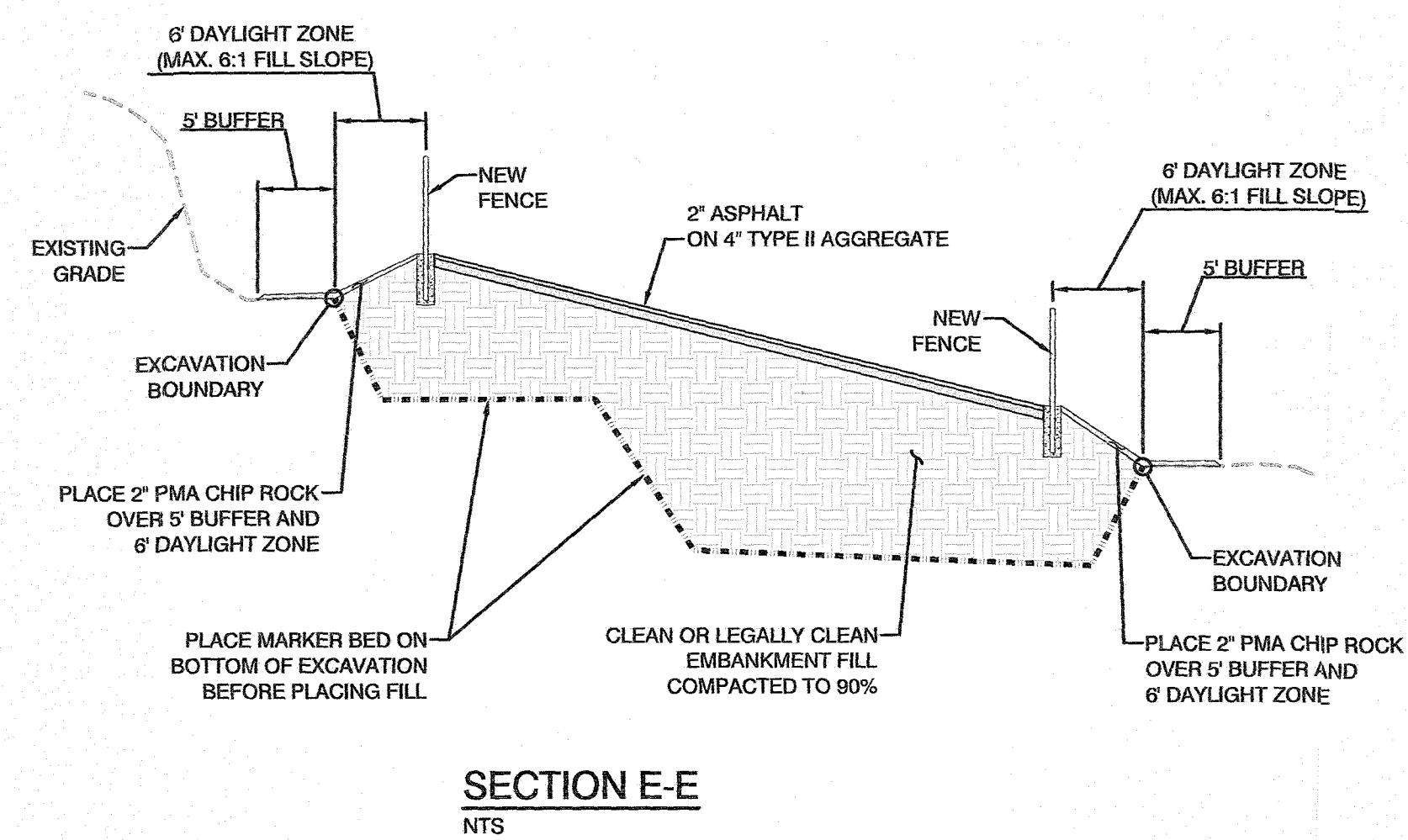
DRAWN BY: BP

CHECKED BY: MS, NM

SHEET
GR1
8 OF 9
DRAWING NO.
650.132



SECTION D-D
NTS



SECTION E-E
NTS

