CITY OF LAS VEGAS GENERAL NOTES

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 REVISED EDITION; THE "SUMMERLIN IMPROVEMENT STANDARDS" FOR WORK IN THE SUMMERLIN AREA; AND OTHER 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".
2. 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'S 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 AND 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 DESIGNS 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 AND CROSS GUTTERS.
9. CURB AND GUTTER FOUND TO BE UNACCEPTABLE TO THE CITY OF LAS VEGAS SHALL BE REMOVED AND REPLACED PER STANDARD DRAWING 216.
10. SIDEWALK RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER STANDARD DRAWING 235, CASE I. EXACT LOCATION OF RAMPS MAY BE ADJUSTED IN THE FIELD BY A CITY INSPECTOR.
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.
12. ALL GRADING WORK SHALL CONFORM TO THE SOILS REPORT AS PREPARED BY GEOTECHNICAL & ENVIRONMENTAL SERVICES PROJECT #20153647E1, JUNE 5, 2015 & ADDENDUM, MARCH 22, 2016 APPROVED BY THE CITY ENGINEER, AS SHOWN ON THESE PLANS.
13. EXACT LOCATION OF ALL SAWCUT LINES MAY BE ADJUSTED OR DETERMINED IN THE FIELD BY A CITYOF LAS VEGAS ENGIENER IF LOCATION ON PLANS IS NOT CLEARLY SHOWN, OR EXISTING PAVEMENT CONDITION REQUIRES RELOCATIONS.
14. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING PERMANENT SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE REPLACED AND ADJUSTED PER AVAILABLE RECORDS IN ACCORDANCE WITH N.R.S.. STATUTE 625.380 & CITY OF LAS VEGAS TITLE 18, APPENDIX D..
15. 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.

WALL NOTES:

16. 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 BUILDING DEPARTMENT.
17. ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT WITHIN CITY RIGHT OF WAY.
18. CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING INLETS, VALVE BOXES, MANHOLE RIMS, AND SEWER CLEANOUTS, ETC. TO FINISH GRADE AS APPLICABLE WHETHER OR NOT THEY ARE SHOWN ON THE PLANS.
19. MATERIALS, HANDLING AND PLACEMENT OF PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF NDOT AND CLARK COUNTY AREA SPECIFICATIONS (AS APPLICABLE) AND THE PLANS AND DETAILS SHOWN HEREON.
20. WHEN INSTALLING UNDERGROUND FACILITIES THAT REQUIRE UNDERGROUND LOCATING DEVICES SUCH AS MARKER BALLS, LOCATING RIBBON, ETC, THE CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION TO OFFSITE INSPECTION AND TESTING CERTIFYING THAT ALL DEVICES HAVE BEEN PLACED AND VERIFIED TO BE IN GOOD WORKING CONDITION PRIOR TO THE CONSTRUCTION OF ANY ROAD BASE.
21. AFTER HAUNCHING AND PRIOR TO BACKFILL OPERATIONS WHICH WOULD COVER SANITARY SEWER AND STORM DRAIN FACILITIES, CONTRACTOR IS REQUIRED TO SCHEDULE CLV OPEN-TRENCH UTILITY SURVEY INSPECTION FOR DETERMINATION OF FINAL LOCATION COORDINATES. FACILITIES TO BE LOCATED BY CLV SHALL INCLUDE AT A MINIMUM THE HORIZONTAL AND VERTICAL (INVERT) LOCATION OF PUBLIC SEWER MANHOLES, STORM DRAIN MANHOLES AND TRANSITION STRUCTURES, STORM DRAIN LATERALS AT THE CONNECTION TO THE STORM DRAIN MAIN AND AT THE CONNECTION TO A DROP INLET, THE CONNECTION OF SEWER SERVICE LATERALS TO THE SEWER MAIN AND WHERE THE SEWER SERVICE LATERALS EXIT THE PUBLIC RIGHT-OF-WAY, SEWER AND STORM DRAIN MAIN ALIGNMENT, INCLUDING DEFLECTION POINTS OR (MAY BE USED ONLY ON PROJECTS ASSOCIATED WITH A TENTATIVE MAP CONTAINING 5 LOTS OR MORE) SANITARY SEWER AND STORM DRAIN FINAL LOCATION MAP(S) SHALL BE PROVIDED TO THE CITY AND APPROVED PRIOR TO ACCEPTANCE OF FACILITY VIDEO INSPECTION. THE MAP(S) SHALL INCLUDE THE HORIZONTAL AND VERTICAL (INVERT) LOCATION OF PUBLIC SEWER MANHOLES, STORM DRAIN MANHOLES AND TRANSITION STRUCTURES, STORM DRAIN LATERALS AT THE CONNECTION TO THE STORM DRAIN MAIN AND AT THE CONNECTION TO A DROP INLET, THE CONNECTION OF SEWER SERVICE LATERALS TO THE SEWER MAIN AND WHERE THE SEWER SERVICE LATERALS EXIT THE PUBLIC RIGHT-OF-WAY, SEWER AND STORM DRAIN MAIN ALIGNMENT, INCLUDING DEFLECTION POINTS. THE LOCATION SHALL BE DESCRIBED BY COORDINATES WHICH SHALL BE BASED ON THE OFFICIAL HORIZONTAL AND VERTICAL CONTROL NETWORKS OF THE CITY OF LAS VEGAS. FINAL LOCATION MAPS MUST BE SEALED AND CERTIFIED BY A NEVADA PROFESSIONAL LAND SURVEYOR TO HAVE POSITIONAL CERTAINTIES OF ± 0.09 METERS (± 0.3 FEET) HORIZONTALLY AND VERTICALLY. A SEPARATE ELECTRONIC COMMA DELIMITED FILE FOR THE SANITARY SEWER AND STORM DRAIN COORDINATES SHALL ALSO ACCOMPANY THE SANITARY SEWER AND STORM DRAIN FINAL LOCATION MAP(S).
22. 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 EDITION.
23. A SEPARATE BORING PERMIT IS REQUIRED FOR ALL BORING ACTIVITIES.

REVISED 08/06/18

CITY OF LAS VEGAS SEWER NOTES

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

REV. DATE 04/15/10

DEVIATION FROM STANDARDS

NONE

CITY OF LAS VEGAS FIRE DEPARTMENT — DATE 6/12/19

SOUTHWEST GAS CORPORATION — DATE 6-13-19

CITY OF LAS VEGAS TRAFFIC NOTES

1. ALL CONSTRUCTION SIGNING, BARRICADING, AND TRAFFIC DELINEATION SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION.
2. THE STREET SIGN CONTRACTOR SHALL OBTAIN STREET NAMES AND BLOCK NUMBERING FROM THE PLANNING DEPARTMENT PRIOR TO CONSTRUCTION.
3. 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 STOP SIGNS AT ALL NEW STREET ENCROACHMENTS INTO EXISTING CITY STREETS WHERE WARRANTED IMMEDIATELY AFTER FIRST GRADING WORK IS ACCOMPLISHED, AND SHALL MAINTAIN SAID SIGNS UNTIL PERMANENT SIGNS ARE INSTALLED.
4. WHEN A DESIGNATED "SAFE ROUTE TO SCHOOL" IS ENCROACHED UPON BY A CONSTRUCTION WORK ZONE AND PUBLIC WORKS STAFF IDENTIFIES A NEED FOR STUDENTS TO BE ASSISTED IN THE SAFE CROSSING THROUGH THAT WORK ZONE, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE A QUALIFIED "CROSSING GUARD". THE GUARD SHALL BE PRESENT FOR THE FULL DURATION OF TIME THAT CHILDREN ARE LIKELY TO BE PRESENT.
5. 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 CITY TRAFFIC ENGINEER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL PERMANENT SIGNS SHOWN ON THE PLANS. ALL NEW TRAFFIC SIGNS SHALL BE FABRICATED WITH DIAMOND GRADE VIP CLASS 6 REFLECTIVE SHEETING OR APPROVED EQUAL. ALL NEW TRAFFIC SIGNS, EXCEPT STREETNAME AND SCHOOL SPEED LIMIT SIGNS, SHALL HAVE 3M SERIES 1160 OR APPROVED EQUIVALENT ANTI-GRAFFITI PROTECTIVE OVERLAY FILM; SCHOOL ZONE SIGNS SHALL HAVE 3M SERIES 1150 ANTI-GRAFFITI PROTECTIVE OVERLAY FILM. STREET NAME SIGNS SHALL CONFORM IN THEIR ENTIRETY TO CURRENT CITY STANDARDS. ALL OTHER SIGNS SHALL BE STANDARD SIZE UNLESS OTHERWISE SPECIFIED ON THE PLANS. ALL SIGN POSTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT CITY STANDARDS.
7. WHEN A PROPOSED STREET LIGHT STANDARD IS LOCATED WITHIN FIVE (5') FEET OF ANY PROPOSED SIGN SHOWN ON THE PLANS TO BE MOUNTED ON A SIGNPOST, THE SIGN SHALL BE MOUNTED ON THE STREET LIGHT STANDARD AND THE SIGNPOST SHALL BE ELIMINATED.
8. ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREON SHALL BE IN PLACE AND IN FINAL POSITION PRIOR TO ALLOWING ANY PUBLIC TRAFFIC ONTO THE PORTIONS OF THE ROAD(S) BEING IMPROVED HERE UNDER, REGARDLESS OF THE STATUS OF COMPLETION OF PAVING OR OTHER OFF-SITE IMPROVEMENTS CALLED FOR BY THESE PLANS.
9. STREET SIGNS AND STOP SIGNS SHALL BE INSTALLED PER CITY STANDARD SPECIFICATIONS FOR PLACEMENT OF STREET NAME SIGNS.
10. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TRAFFIC CONTROL DEVICES AND FLAGGERS TO INSURE THE SAFETY OF THE PUBLIC IN OR AROUND THE WORK AREA. THE CONTRACTOR SHALL HAVE A CERTIFIED ATSSA TRAFFIC CONTROL TECHNICIAN OR IMSA WORK ZONE SAFETY SPECIALIST SET UP, MAINTAIN AND/OR REMOVE ALL TRAFFIC CONTROL DEVICES IN THE CITY OF LAS VEGAS RIGHT OF WAY.
11. WORK IN PUBLIC STREETS, ONCE BEGUN, SHALL BE EXPEDITED TO COMPLETION SO AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING CITIZENS AREA TRANSIT (C.A.T.) IF THE CONSTRUCTION INTERRUPTS OR RELOCATES A BUS STOP OR HAS AN ADVERSE EFFECT ON BUS SERVICE ON THAT STREET TO ARRANGE FOR TEMPORARY RELOCATION OF STOP.
13. GUARDS SHALL BE OBTAINED BY CONTACTING THE METROPOLITAN POLICE DEPARTMENT SPECIAL EVENTS UNIT (PHONE # 828-3442) WHO WILL PROVIDE OFFICERS PROPERLY TRAINED IN TRAFFIC CONTROL. FEES FOR THE USE OF THESE OFFICERS SHALL BE SET BY METRO AND WILL BE PAID BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR ALL ARRANGEMENTS WITH METRO.
14. ANY WORK WITHIN 300' OF A SIGNALIZED INTERSECTION WILL BE NIGHT WORK, UNLESS DIRECTED BY THE CITY OF LAS VEGAS TRAFFIC ENGINEER.
15. THE CONTRACTOR SHALL CONTACT THE TRAFFIC ENGINEERING DIVISION (TRANSPORTATION SECTION) THROUGH THE PROJECT'S OFFSITE INSPECTOR PRIOR TO INITIATING PAVING TO RECEIVE DIRECTION FOR ANY PERMANENT OR TEMPORARY MODIFICATIONS TO THE APPROVED DRAWINGS REGARDING FINAL PAVEMENT TRANSITIONS, MARKINGS AND SIGNING THAT ARE REQUIRED TO MATCH ADJACENT ROADWAY SEGMENTS. THE CONTRACTOR SHALL PROVIDE A DRAWING FOR APPROVAL BY THE TRAFFIC ENGINEERING DIVISION DEPICTING ANY ADJUSTMENTS TO THE FINAL PAVEMENT MARKINGS AND SIGNAGE, WHICH MAY INCLUDE OMITTING, ADDING OR MODIFYING PAVEMENT MARKINGS AND TRAFFIC CONTROL SIGNS SUCH THAT ADEQUATE TRANSITIONS AND LANE TERMINATIONS BETWEEN ADJACENT ROADWAY SEGMENTS ARE CONSTRUCTED.

REVISED 04/05/2010

CITY OF LAS VEGAS GRADING NOTES

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.
3. 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 CONTRACTOR IS WARNED THAT AN EARTHWORK BALANCE WAS NOT NECESSARILY THE INTENT OF THIS PROJECT. ANY ADDITIONAL MATERIAL REQUIRED OR LEFTOVER MATERIAL FOLLOWING EARTHWORK OPERATIONS BECOMES THE RESPONSIBILITY OF THE CONTRACTOR.
5. 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.
6. CONTRACTOR SHALL GRADE TO THE LINES AND ELEVATIONS SHOWN ON THE PLANS WITHIN THE FOLLOWING HORIZONTAL AND VERTICAL TOLERANCES AND DEGREES OF COMPACTION, IN THE AREAS INDICATED:

	HORIZONTAL	VERTICAL	COMPACTION
A. PAVEMENT AREA SUBGRADE	0.1'±	+0.0' TO -0.1'	SEE SOILS REPORT
B. ENGINEERED FILL	0.5'±	+0.1' TO -0.1'	SEE SOILS REPORT

COMPACTION TESTING WILL BE PERFORMED BY THE OWNER OR HIS REPRESENTATIVE.

7. ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.
8. 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.
9. 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.
10. IN THE EVENT THAT ANY TEMPORARY CONSTRUCTION ITEM IS REQUIRED THAT IS NOT SHOWN ON THESE DRAWINGS, THE OWNER AGREES TO PROVIDE AND INSTALL SUCH ITEM AT HIS OWN EXPENSISE AND AT THE DIRECTION OF THE CITY ENGINEER. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMS, ROAD SIGNS AND BARRICADES, ETC.

REV. DATE 04/15/2010

LAS VEGAS VALLEY WATER DISTRICT NOTES

LVVWD PROJECT # 136279

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 STANDARD PLATES, DRAWINGS, AND SPECIFICATIONS, AND TO THE 2010 EDITION OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS). THE LATEST EDITION OF UDACS SHALL SUPERSEDE ANY CONFLICTS CONTAINED IN THE APPROVED DRAWINGS AND/OR SPECIFICATIONS.
3. ALL WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2 ABOVE, SHALL BE DONE IN ACCORDANCE WITH THE MOST RECENT DRAFT OR EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE 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 2.22 OF THE 2010 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 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 INTERRUPTION OF SERVICE MUST BE PERFORMED IN ACCORDANCE WITH UDACS SECTION 3.14.01, AND APPROVED BY THE LVVWD INSPECTION DIVISION 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 "811" OR 1-800-227-2600
14. THE INSTALLATION OF LAS VEGAS VALLEY WATER DISTRICT (LVVWD) MUNICIPAL WATER FACILITIES WITHIN ALL STREETS IS ASSUMED TO BE IN COMPLIANCE WITH THE UNIFORM STANDARDS, INCLUDING THE PLACEMENT OF ASPHALT PAVING STREET SURFACES. ANY REPAIR WORK DONE BY THE LVVWD TO THE MUNICIPAL WATER FACILITIES WILL INCLUDE THE PLACEMENT OF AN APPROPRIATELY SIZED ASPHALT REPAIR PATCH ON THE STREET SURFACE.

    ANY DECORATIVE PAVING SURFACE WITHIN THE STREET IS THE RESPONSIBILITY OF THE OWNER'S ASSOCIATION, OR THE INDIVIDUAL PROPERTY OWNERS IN NO OWNER'S ASSOCIATION IS IN EXISTENCE, OR THE AGENCY HAVING JURISDICTION. DECORATIVE SURFACE MATERIALS PLACED WITHIN THE TEN FOOT EASEMENT ABUTTING A PUBLIC OR PRIVATE STREET, IF DISTURBED BY THE LVVWD DURING REPAIR OR OPERATION OF ITS FACILITIES, WILL BE REPLACED BY LVVWD WITH AND APPROPRIATELY SIZED PLAN FINISH CONCRETE PATCH. THE LVVWD WILL NOT RESTORE, AND WILL NOT BE RESPONSIBLE FOR THE RESTORATION OF, ANY DECORATIVE PAVING SURFACE WITHIN THE STREET. THE LVVWD WILL NOT ATTEMPT TO MATCH COLOR OR FINISH OF ANY ADJACENT MATERIALS.

15. TO COMPLY WITH THE FEDERAL SAFE DRINKING WATER ACT, ALL WATER WORKS BRASS PRODUCTS PROPOSED TO BE RELOCATED, OR INSTALLED WITH THE LEAD FREE APPROVED PRODUCT. THE OLD LEADED PRODUCT MAY NOT BE REUSED.

    NO LEAD COMPLIANCE NOTE:

CITY OF LAS VEGAS STREETLIGHT NOTES

1. ALL STREET LIGHTING INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE STREET LIGHTING PLANS, THE "UNIFORM STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", LATEST REVISION, AND THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", LATEST REVISION, AND ANY ADOPTED SPECIAL AREA STANDARDS.
2. NO DEVIATION OF STREET LIGHT, PULL BOX, CONDUITS (ETC.) LOCATIONS SHALL BE PERMITTED WITHOUT WRITTEN APPROVAL OF THE TRAFFIC AND CITY ENGINEER.
3. ALL EXISTING STREET LIGHTING SHALL REMAIN OPERATIONAL DURING CONSTRUCTION.
4. ALL STREET LIGHTING CONDUITS STUB SHALL HAVE AT LEAST ONE GREEN #8 THW WIRE INSTALLED, AS TRACER WIRE. WHEN "EMPTY" CONDUIT IS COMPLETELY INSTALLED FROM PB TO PB, IT SHALL HAVE A MINIMUM OF 2 #4 AND 1 #8 THW WIRE WITH THE ENDS TAPED OR "SAFED OFF" PRIOR TO FINAL INSPECTION.
5. ANY STRUCTURE SUCH AS BLOCK WALLS, CHAIN LINK FENCES, RETAINING WALLS, ETC., SHALL LEAVE A MINIMUM CLEARANCE IN COMPLIANCE WITH USD NO. 320A.
6. AS-BUILT DRAWINGS SHALL BE SUPPLIED TO THE TEFO PRIOR TO ANY PRE-FINAL INSPECTION. THE AS-BUILT DRAWING NEEDS TO BE STAMPED AS-BUILT AND SIGNED BY THE PREPARER.
7. SERVICE POINTS SHALL BE COORDINATED WITH NV ENERGY, AND WHEREVER POSSIBLE, BE LOCATED NEAR THE CENTER OF THE CIRCUIT. SERVICE POINTS SHALL BE SHOWN ON THE CIVIL PLANS.
8. IT SHALL BE ASSUMED THAT IN THE ABSENSE OF ON EXISITING, WORKABLE CIRCUIT TO ATTACH TO, ALL INSTALLATIONS SHALL REQUIRE A NEW SERVICE FOR OPERATION OF THE CIRCUIT.
9. WHEREVER THERE IS AN OVERHEAD UTILITY THAT MAY CONFLICT WITH THE INSTALLATION OF STREET LIGHTING CIRCUITS AND/OR POLES, THESE CONFLICTS MUST BE RESOLVED BETWEEN THE DEVELOPER AND THE UTILITIES INVOLVED, AT NO EXPENSE TO THE CITY OF LAS VEGAS, BEFORE STREETLIGHT BASES ARE INSTALLED.
10. THE CONTRACTOR SHALL FURNISH COMPLETE SERVICE TO TRANSFORMERS AND CONTROL SYSTEMS IF REQUIRED ON THE PLANS.
11. THE DEVELOPER/OWNER WILL BE REQUIRED TO SUPPLY POWER TO ALL NEW PUBLIC STREET LIGHTS INSTALLED UNDER THIS DESIGN PRIOR TO BOND RELEASE OR PROJECT COMPLETION. THE DEVELOPER/OWNER WILL BE RESPONSIBLE FOR ALL ITEMS ASSOCIATED WITH THE INSTALLATION, CONSTRUCTION, ENERGIZING, MAINTENENCE AND OPERATIONAL COST OF SAID STREET LIGHTS PRIOR TO PROJECT COMPLETION. REFER TO PLAN FOR ANY NEW SERVICE REQUIREMENTS. THE TRANSFER OF OWNERSHIP FROM THE DEVELOPER/OWNER TO THE CITY OF LAS VEGAS FOR ALL NEW PUBLIC STREET LIGHT/S AND/OR SERVICE/S INSTALLED UNDER THIS PLAN DESIGN WILL BE IN CONJUNCTION WITH THIS PROJECT COMPLETION. COORDINATE ALL MAINTENANCE AND OPERATIONAL TRANSFERS WITH THE CITY OF LAS VEGAS TRAFFIC ENGINEERING (TEFO) AT (702)229-6331.

REV. DATE FEBRUARY 10, 2010

CITY OF LAS VEGAS HYDRANTS AND ACCESS GENERAL NOTES

1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE LAS VEGAS FIRE AND RESCUE ADOPTED FIRE CODE ORDINANCE # 6631 FOR HYDRANT SPECIFICATIONS AND HYDRANT INSTALLATION SPECIFICATIONS.
2. ONLY FIRE HYDRANTS THAT ARE ON THE LAS VEGAS VALLEY WATER DISTRICT'S – APPROVED PRODUCTS LIST ARE ALLOWED TO BE INSTALLED.
3. A PERMIT IS REQUIRED FROM LAS VEGAS FIRE AND RESCUE FOR THE INSTALLATION OF ON-SITE WATER LINES AND FIRE HYDRANTS. THE PERMIT AND CONTRACTORS MATERIAL TEST CERTIFICATE FOR UNDERGROUND PIPING FORM SHALL BE

ABBREVIATIONS

ABAN	ABANDON	MH	MANHOLE
AC	ASPHALT CONCRETE	MIN	MINIMUM
ACP	ASPHALT CONCRETE PAVEMENT	NDOT	NEVADA DEPARTMENT OF TRANSPORTATION
ADA	AMERICANS WITH DISABILITIES ACT		
AGG	AGGREGATE	NTS	NOT TO SCALE
AIP	ABANDON IN PLACE	NVE	NEVADA ENERGY
APPROX	APPROXIMATE	OC	ON CENTER
ASS'Y	ASSEMBLY	OH/OVHD	OVERHEAD
AV/AR	COMBINATION AIR VALVE ASSEMBLY	ℙ	PROPERTY LINE
AVE	AVENUE	P	POWER
BC	BACK OF CURB	PC	POINT OF CURVATURE
BGR	BACK OF CURB RETURN	PE	POLYETHYLENE
BFF	BELOW FINISH FLOOR (ELEVATION)	PGL	PROFILE GRADE LINE
BLDG	BUILDING	PI	POINT OF INTERSECTION
BM	BENCHMARK	PL	PROPERTY LINE
BO	BLOW-OFF	POC	POINT OF CONNECTION
BSW	BACK OF SIDEWALK	PMF	PAVEMENT MARKING FILM
BTW	BETWEEN	PP	POWER POLE
BVC	BEGINNING OF VERTICAL CURVE	PROP	PROPOSED
℄	CENTERLINE	PT	POINT OF TANGENCY
C&G	CURB AND GUTTER	PVC	POLYVINYL CHLORIDE
CATV	CABLE TELEVISION	PVMT	PAVEMENT
CC	CLARK COUNTY	PW	PUBLIC WORKS
CF	CUBIC FEET	PZ	PRESSURE ZONE
CFS	CUBIC FEET PER SECOND	R/L	RIGHT & LEFT (OFFSET)
CIP	CAST IN PLACE (CONCRETE)	R/W	RIGHT-OF-WAY
C.L.	CHAIN LINKED	R	RADIUS
CL	CENTERLINE	RC	REINFORCED CONCRETE
CLR	CLEAR	RCB	REINFORCED CONCRETE BOX
CLV	CITY OF LAS VEGAS	RCP	REINFORCED CONCRETE PIPE
CMP	CORRUGATED METAL PIPE	RD	ROAD
CMU	CONCRETE MASONRY UNIT	RDWY	ROADWAY
CNLV	CITY OF NORTH LAS VEGAS	REF	REFERENCE
CNTY	COUNTY	RELOC	RELOCATED
CO	CLEANOUT (SANITARY)	REINF	REINFORCED/REINFORCING STEEL
COH	CITY OF HENDERSON	RIM	RIM ELEVATION
COL	COLUMN	RP	RADIUS POINT
CONC	CONCRETE	RPM	RAISED PAVEMENT MARKER
CONST	CONSTRUCTION/CONSTRUCT	RT	RIGHT
CONT	CONTINUOUS	S	SLOPE
COR	CORNER	SD	STORM DRAIN
CSAP	CORRUGATED STEEL ARCH PIPE	SF	SQUARE FEET
CU	CUBIC/COPPER	SHDR	SHOULDER
CY	CUBIC YARD	SL	STREETLIGHT
DCDA	DOUBLE CHECK DETECTOR	SLV	SLEEVE
DEPT	DEPARTMENT	SNWA	SOUTHERN NEVADA WATER AUTHORITY
DG	DECOMPOSED GRANITE	SP	SPECIAL PROVISIONS
DI	DROP INLET	SPRK	SPRINKLER (HEAD)
DIA	DIAMETER	SS	SANITARY SEWER
DIAG	DIAGONAL	STA	STATION
DOM	DOMESTIC (WATER)	STD	STANDARD
DW	DRIVEWAY	STL	STEEL
E	ELECTRICAL	STLT	STREETLIGHT
EAC	EDGE OF ASPHALT	STR	STRUCTURAL
EG	EXISTING GRADE	SURV	SURVEY
EL/ELEV	ELEVATION	SVC	SERVICE
EM	ELECTRIC METER	SW	SIDEWALK
EQ	EQUAL	SWG	SOUTHWEST GAS CORPORATION
ESMT	EASEMENT	SY	SQUARE YARD
EP	EDGE OF PAVEMENT	T	TELEPHONE
EX/EXIST	EXISTING	t	THICKNESS
EXCL	EXCLUDING	TBC	TOP BACK OF CURB
EXT	EXTENSION	TC	TOP OF CURB
FC	FACE OF CURB	TEMP	TEMPORARY
FDC	FIRE DEPT CONNECTION	TFRM	TRANSFORMER
FF	FINISH FLOOR	THW	TOP OF HEADWALL
FFE	FINISH FLOOR ELEVATION	TOF	TOP OF FOOTING
FG	FINISH GRADE	TOS	TOP OF SLAB
FH	FIRE HYDRANT	TOW	TOP OF WALL
FL	FLOWLINE	TP	TOP OF PIPE
FND	FOUNDATION	TRANS	TRANSITION
FT	FEET/FOOT	TS	TRAFFIC SIGNAL
FW	FACE OF WALL	TSI	TRAFFIC SIGNAL INTERCONNECT
GALV	GALVANIZED	TW	TOP OF WALL
GB	GRADE BREAK	TYP	TYPICAL
GL	GASLINE	UG	UNDERGROUND
GM	GAS METER	USD	(CLARK COUNTY AREA) UNIFORM STANDARD DRAWINGS
GV	GATE VALVE		
HGL	HYDRAULIC GRADE LINE	USS	(CLARK COUNTY AREA) UNIFORM STANDARD SPECIFICATIONS
HORIZ	HORIZONTAL		
HP	HIGH POINT/HIGH PRESSURE	VAR	VARIES
INCL	INCLUDING	VC	VERTICAL CURVE
INT	INTERSECTION	VCP	VITRIFIED CLAY PIPE
INV	INVERT	VERT	VERTICAL
LF	LINEAR FEET	VG	VALLEY GUTTER
LOC	LOCATION	W/	WITH
LP	LOW POINT	W	WATER
LT	LEFT	WL	WATERLINE
LVVWD	LAS VEGAS VALLEY WATER DISTRICT	WM	WATER METER
MAX	MAXIMUM	X-SEC	CROSS SECTION
ME	MATCH EXISTING	YD	YARD
MECH	MECHANICAL(LY)		

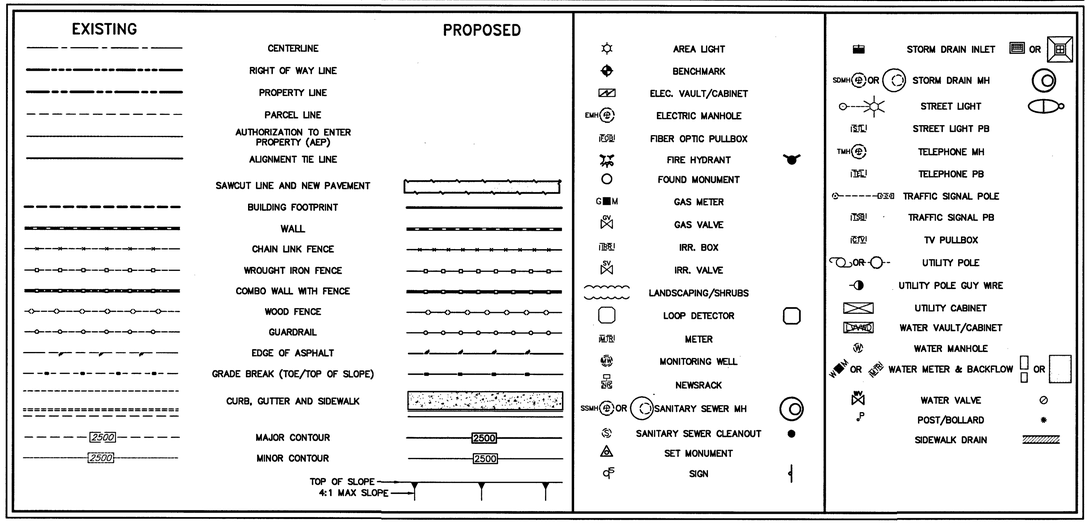
GENERAL CONSTRUCTION NOTES

1. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES, SURFACES, AND STRUCTURES DURING CONSTRUCTION. ANY EXISTING FEATURES DAMAGED DURING CONSTRUCTION MUST BE REPAIRED IMMEDIATELY (COORDINATING WITH THE OWNING UTILITY AGENCY) AND TO THE OWNERS SATISFACTION AT THE CONTRACTORS EXPENSE.
2. THE ENGINEER DOES NOT WARRANT THE ACCURACY OF THE DIMENSIONS AND ELEVATIONS OF THE EXISTING STRUCTURES SHOWN ON THE DRAWINGS. FIELD MEASUREMENTS OF EXISTING AFFECTED STRUCTURES SHALL BE MADE BY THE CONTRACTOR PRIOR TO CONSTRUCTION. BIDDERS ARE REQUIRED TO VISIT THE SITE TO VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING BIDS.
3. EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. NO REPRESENTATION IS MADE TO THE ACCURACY OR COMPLETENESS OF EXISTING UTILITIES AS SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.
4. IN THE CASE OF A CONFLICT ON THE CONTRACT DOCUMENTS OR DRAWINGS, THE MORE STRINGENT REQUIREMENTS SHALL GOVERN. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE ENGINEER WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DOCUMENTS OR DRAWINGS IMMEDIATELY UPON DISCOVERY.
5. UNLESS NOTED OTHERWISE, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO OBTAIN ALL PERMITS REQUIRED BY THE IMPROVEMENTS SHOWN ON THE DRAWINGS. THE CONTRACTOR IS TO BECOME FAMILIAR WITH AND COMPLY WITH ALL STATE, FEDERAL, AND LOCAL AGENCIES HAVING JURISDICTION.
6. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO OBTAIN AND COMPLY WITH THE GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT. ALL CONSTRUCTION ACTIVITIES SHALL CONFORM TO THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT. ANY DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS OR DRAWINGS AND THE GEOTECHNICAL REPORT SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
7. ALL CONSTRUCTION ACTIVITES SHALL CONFORM TO THE CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS (USD) AND UNIFORM STANDARD SPECIFICATIONS (USS). IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS OR DEVIATIONS ENCOUNTERED.
8. THE CONTRACTOR IS TO MAINTAIN AND KEEP OPERATIONAL ALL EXISTING ITS INFRASTRUCTURE WITHIN THE CONSTRUCTION LIMITS. IF ANY EXISTING ITS INFRASTRUCTURE IS DAMAGED DUE TO CONSTRUCTION WITHIN THE CONSTRUCTION LIMITS, THE CONTRACTOR SHALL IMMEDIATELY CONTACT MR. JESUS "CHUY" MARMOLEJO (RTC/FAST MANAGER TRAFFIC SYSTEMS MAINTENANCE) AT (702) 604-7078.

STORM WATER POLLUTION PREVENTION PLAN (S.W.P.P.) NOTES
PREVENTION PLAN (S.W.P.P.P.) NOTES

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 OF THE CITY OF LAS VEGAS AS A RESULT OF 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 UNFORSEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN THE CITY OF LAS VEGAS AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BEST MANAGEMENT PRACTICES 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 AREA 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.

LEGEND



ESTIMATED QUANTITIES

ROADWAY

DESCRIPTION	PRIVATE	PUBLIC
3" AC PAVEMENT	6,982 SY	0 SY
4" AC PAVEMENT	1,820 SY	270 SY
8' CONCRETE VALLEY GUTTER	0 SF	244 SF
TYPE II GRAVEL BASE	0 CY	156 CY
EXCAVATION AND EMBANKMENT	0 CY	0 CY
6" "L" TYPE CURB AND GUTTER	0 LF	392 LF
4" CONCRETE SIDEWALK	0 SF	2,288 SF
ADA RAMPS W/TRUNCATED DOMES PER CCAUSD NO. 235.	0 EA	8 EA

TRAFFIC & STREET LIGHT

DESCRIPTION	PRIVATE	PUBLIC
STREET SIGNS	0 EA	0 EA
PAVEMENT STRIPING	0 LF	47 LF
BLUE REFLECTIVE PAVEMENT MARKER	0 EA	5 EA

DRAINAGE ITEMS

DESCRIPTION	PRIVATE	PUBLIC
4" PVC	609 LF	0 LF
8" PVC	162 LF	0 LF
12" PVC	648 LF	0 LF
18" PVC	946 LF	0 LF
24" RCP	268 LF	33 LF
TYPE I SDMH	6 EA	0 EA
24" D.I. SDMH	9 EA	0 EA
24"X24" SDDI	8 EA	0 EA

WATER

DESCRIPTION	PRIVATE	PUBLIC
10" C-900 PVC	73 LF	1,802 LF
8" C-900 PVC	30 LF	114 LF
6" C-900 PVC	70 LF	172 LF
4" C-900 PVC	1,407 LF	0 LF
20" STEEL CASING	93 LF	0 LF
18" STEEL CASING	114 LF	0 LF
FIRE HYDRANT ASSEMBLY W/ 6" GATE VALVE	3 EA	2 EA
8" RPDA	0 EA	2 EA
2" RPPA	0 EA	2 EA
6" RPPA	0 EA	1 EA
2" METER	0 EA	2 EA
4" METER (OCTAVE)	0 EA	1 EA

SEWER

DESCRIPTION	PRIVATE	PUBLIC
48" DIA SEWER MANHOLE	7 EA	0 EA
4" C-900 PVC SANITARY SEWER	94 LF	0 LF
6" C900 PVC SANITARY SEWER	102 LF	0 LF
8" C900 PVC SANITARY SEWER	1,165 LF	0 LF

NOTE:
THESE QUANTITIES ARE AN ESTIMATE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR QUANTITIES FOR BIDDING PURPOSES. QUANTITIES FOR CITY USE ONLY. QUANTITIES DO NOT REFLECT ENTIRE PROJECT SCOPE AND SHOULD NOT BE USED FOR BIDDING OR CONSTRUCTION PURPOSES.

SOUTHWEST GAS CORPORATION GENERAL NOTES

1. IN THE EVENT OF NATURAL GAS EMERGENCIES CALL 911 AND 1-877-860-6020
2. MINIMUM HORIZONTAL AND VERTICAL CLEARANCES BETWEEN NATURAL GAS FACILITIES AND ANY UNDERGROUND UTILITIES AND/OR STRUCTURES, INCLUDING BUT NOT LIMITED TO WATER, SEWER, STORM DRAIN, COMMUNICATIONS, AND ELECTRIC SHALL BE AT LEAST 12-INCHES OR GREATER AS DICTATED BY LOCAL CODES AND STANDARDS.
   a) ANY DEVIATION FROM SPECIFIED MINIMUM CLEARANCES MUST BE APPROVED BY ALL AFFECTED UTILITIES AND/OR MUNICIPALITIES
3. FOR VALVE ADJUSTMENT CONTACT 702-668-6107 48 HOURS PRIOR TO CONSTRUCTION.
4. IN THE EVENT OF A NATURAL GAS CONFLICT WITH PROPOSED UTILITIES AND STRUCTURES CONTACT 702-365-2099.

APPROVALS

CITY OF LAS VEGAS FIRE DEPARTMENT — DATE 6/10/19

SOUTHWEST GAS CORPORATION — DATE 6-13-19

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 136279 FIRST APPROVED DATE: 6/24/19

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:

PLANNING & DESIGN — DATE
DESIGN MANAGER
QM MANAGER

CONSTRUCTION MANAGEMENT
PROJECT MANAGER
QM MANAGER

REQUIREMENTS
SITE ADMINISTRATOR
CODE COMPLIANCE
AHERA REVIEW
FSR/FSNR

ASBESTOS WORK IS:
REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID
0001626

PROFESSIONAL ENGINEER - STATE OF NEVADA — VERNON R. HARKINS Exp. 6-30-19 CIVIL No. 009696 — SIGNATURE — DATE 5/6/19

CCSD PROJECT NO.	
CCSD REVIEW	
APPROVED BY	
DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
V/E PROJECT NO.	SCS-1816

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POGGEMEYER DESIGNGROUP
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Las Vegas, Nevada 89148
p 702.228.8110
f 702.228.8225
www.poggemeyer.com

ARCHITECT
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PLANNING • ARCHITECTURE • INTERIOR DESIGN
151 East Warm Springs Road
Las Vegas, Nevada 89119
P: 702-435-1150 F: 702-435-7699
www.simpsoncoulter.com

SC STUDIO

CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.8450

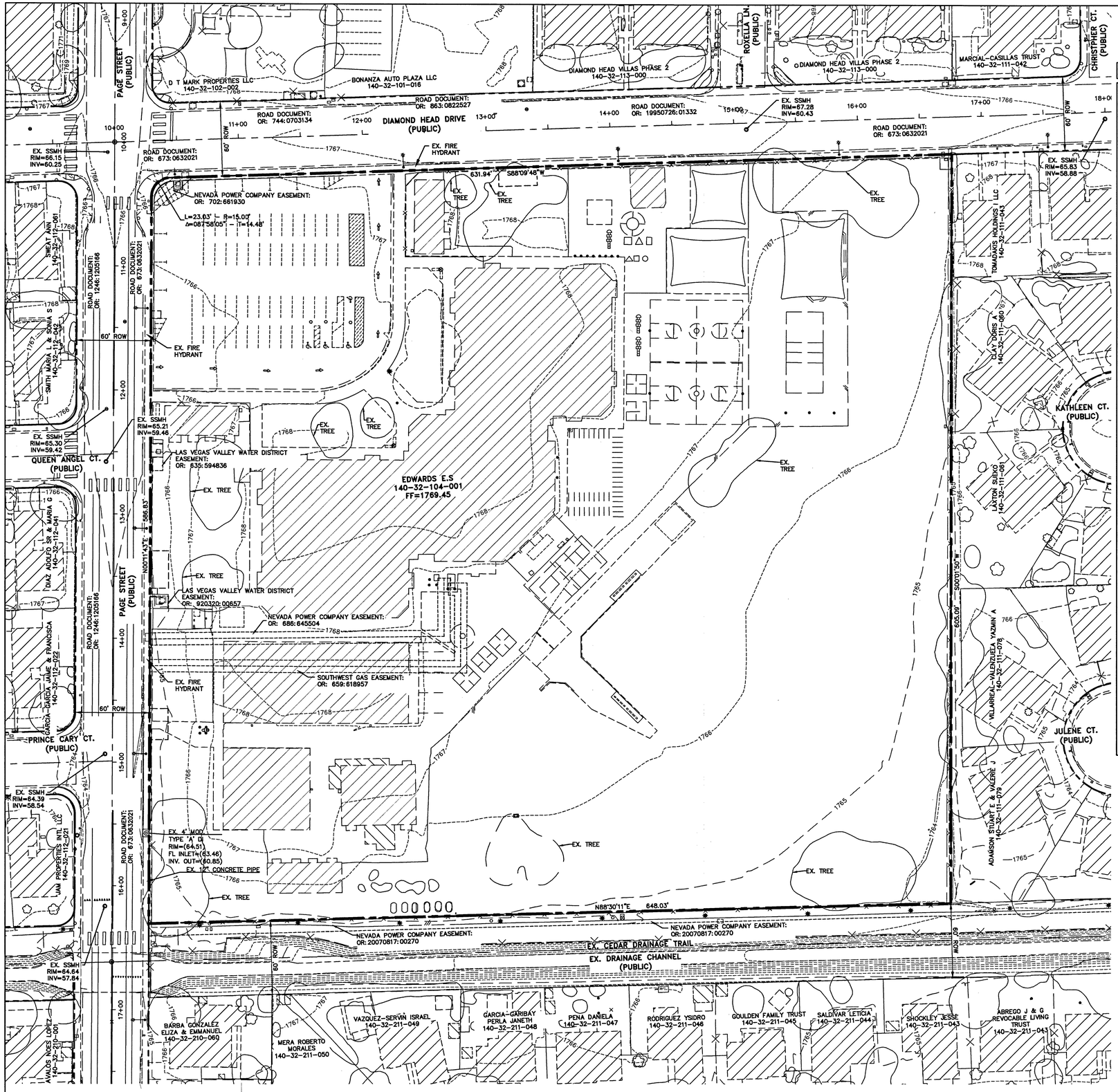
PROJECT: ELBERT EDWARDS E.S. REPLACEMENT
DRAWING TITLE: LEGEND, ABBREVIATIONS & QUANTITIES
FACILITY: 4551 DIAMOND HEAD DRIVE

SHEET NO. 3 of 31 VOL. E

C0.02

L19-00762
CLV NO. 715-215

PROJ.#:136279A QS:140-32-NW



LEGEND

EXISTING

- CENTERLINE
- RIGHT OF WAY LINE
- PROPERTY LINE
- PARCEL LINE
- AUTHORIZATION TO ENTER PROPERTY (AEP)
- ALIGNMENT TIE LINE
- BUILDING FOOTPRINT
- WALL
- CHAIN LINK FENCE
- WROUGHT IRON FENCE
- COMBO WALL WITH FENCE
- WOOD FENCE
- GUARDRAIL
- EDGE OF ASPHALT
- GRADE BREAK (TOE/TOP OF SLOPE)
- CURB, GUTTER AND SIDEWALK
- 2500 MAJOR CONTOUR
- 2500 MINOR CONTOUR

TOP OF SLOPE
4:1 MAX SLOPE

- SET 1-1/2" ALUMINUM CAP STAMPED PLS 17833
- AREA LIGHT
- BENCHMARK
- ELEC. VAULT/CABINET
- ELECTRIC MANHOLE
- FIBER OPTIC PULLBOX
- FIRE HYDRANT
- FOUND MONUMENT
- GAS METER
- GAS VALVE
- IRR. BOX
- IRR. VALVE
- LANDSCAPING/SHRUBS
- LOOP DETECTOR
- METER
- MONITORING WELL
- NEWSRACK
- SANITARY SEWER MH
- SANITARY SEWER CLEANOUT
- SET MONUMENT
- SIGN
- STORM DRAIN INLET
- STORM DRAIN MH
- STREET LIGHT
- STREET LIGHT PB
- TELEPHONE MH
- TELEPHONE PB
- TRAFFIC SIGNAL POLE
- TRAFFIC SIGNAL PB
- TV PULLBOX
- UTILITY POLE
- UTILITY POLE GUY WIRE
- UTILITY CABINET
- WATER VAULT/CABINET
- WATER MANHOLE
- WATER METER & BACKFLOW
- WATER VALVE
- POST/BOLLARD
- CALCULATED POSITION NOTHING FOUND OR SET (SET BY OTHERS)

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD 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 OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Call before you Dig
Avoid cutting underground utility lines in your way.
Call 811
1-800-227-2600

ASK YOUR OPERATOR TO CALL BEFORE YOU DIG
CALL BEFORE YOU DIG
1-702-227-2929

FAST
Call before you UnderGround.
1-702-432-5300
FREE INTERNET SYSTEM OF TRANSPORTATION

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:

PLANNING & DESIGN	DATE
DESIGN MANAGER	
QM MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
QM MANAGER	
REQUIREMENTS	
SITE ADMINISTRATOR	
CODE COMPLIANCE	
AHERA REVIEW	
FSR/FSRR	

ASBESTOS WORK IS:
REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID
0001626

PROFESSIONAL ENGINEER-STATE OF NEVADA
VERNON R. HARKINS
Exp. 6-30-19
CIVIL
No. 009995
SEAL

CCSD PROJECT NO.	
CCSD REVIEW	
APPROVED BY	
DATE	
DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
A/E PROJECT NO.	SCS-1816

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CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.8450

PROJECT:
ELBERT EDWARDS E.S. REPLACEMENT

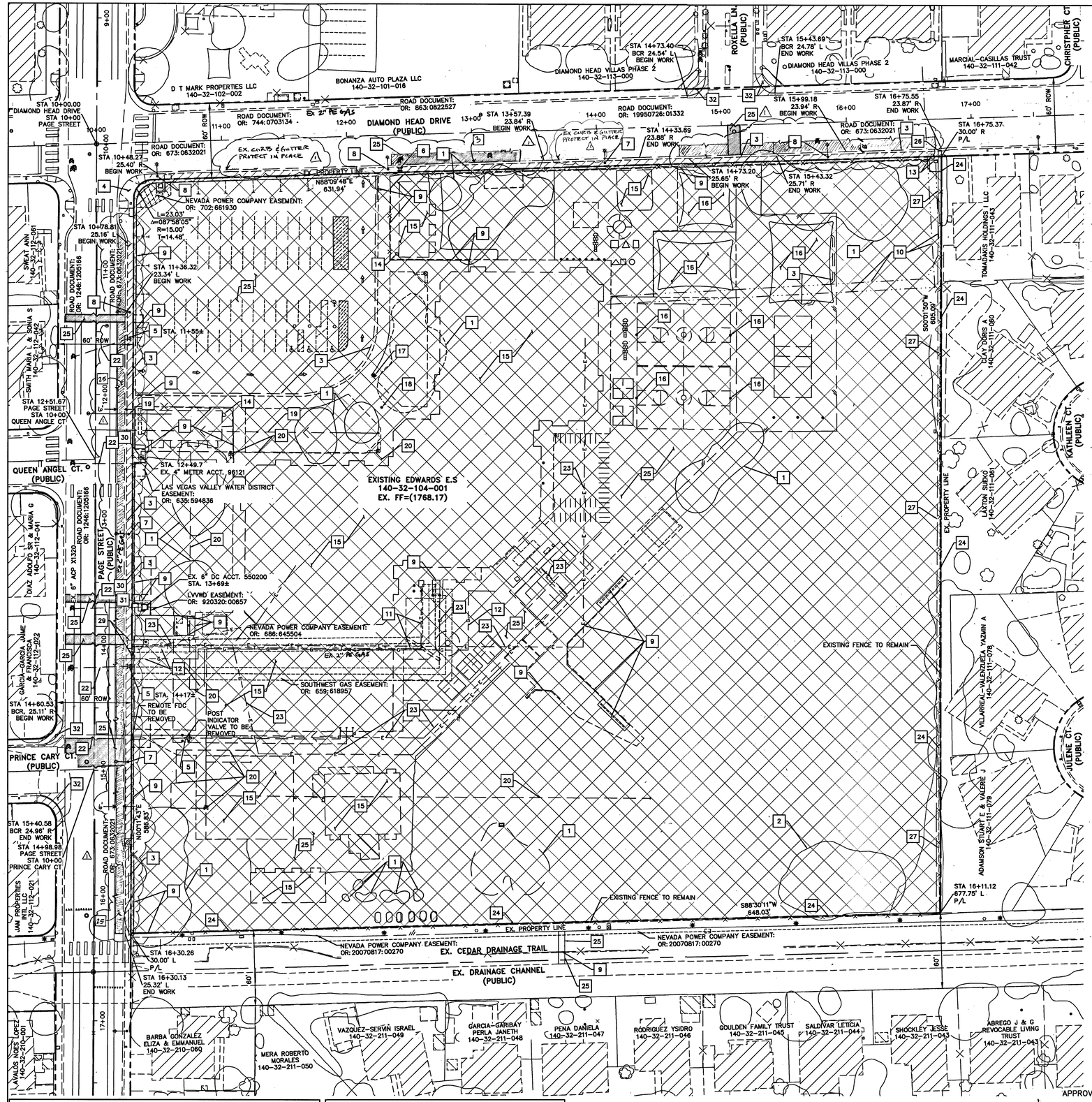
DRAWING TITLE:
OVERALL EXISTING TOPOGRAPHY

FACILITY:
4551 DIAMOND HEAD DRIVE

SHEET NO. 4 of 31
VOL. E

C1.00

CLV NO. 215-215



FH @ PAGE ST. STA. 11+55±

FIRE HYDRANT RELOCATION AND LATERAL ABANDONMENT

EXISTING LATERAL TO BE ABANDONED

IF THE EXISTING FIRE HYDRANT IS INCORRECTLY LOCATED OR NOT TO BE USED WITH THIS PROJECT, THIS PROJECT SHALL REMOVE THE FIRE HYDRANT AND ABANDON THE LATERAL AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH UDACS SECTION 2.21.06 B, AND COORDINATE WITH THE LVVWD INSPECTOR.

FH @ PAGE ST. STA. 14+17±

FIRE HYDRANT RELOCATION AND LATERAL ABANDONMENT

IF THE EXISTING FIRE HYDRANT IS INCORRECTLY LOCATED OR NOT TO BE USED WITH THIS PROJECT, THIS PROJECT SHALL REMOVE THE FIRE HYDRANT AND ABANDON THE LATERAL AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH UDACS SECTION 2.21.06 B, AND COORDINATE WITH THE LVVWD INSPECTOR.

ABANDONMENT OF EXISTING LARGE SERVICE

IF ANY OF THE EXISTING LARGE SERVICES ARE INCORRECTLY LOCATED OR NOT TO BE USED WITH THIS PROJECT, THIS PROJECT SHALL ABANDON THE LATERALS AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH UDACS SECTION 2.17.04 B, AND COORDINATE WITH THE LVVWD INSPECTOR.

ADANDONMENT OF LARGER VAULT

CONTRACTOR TO REMOVE AND DISPOSE OF THE EXISTING REINFORCED ROOF SLAB, VAULT ACCESS AND COLLAR AROUND THE ACCESS AND DEMO THE TOP 12" - 24" OF VAULT. THE EXISTING VAULT INTERIOR SHALL BE FILLED COMPLETELY WITH TYPE II COMPACTED TO 90% OR CLASS I CLSM.

TO ENSURE LVVWD ACCESS WITHIN EASEMENT

ALL ABOVE GROUND OBSTRUCTIONS INCLUDING BUT NOT LIMITED TO, LANDSCAPE BOULDERS, FENCES / WALLS, AND SIGNS ARE STRICTLY PROHIBITED WITHIN EASEMENT.

NOTE:

1. LVVWD CANNOT GUARANTEE WATER TIGHT SHUTDOWN WHERE CONNECTION OR REPAIRS TO EXISTING FACILITIES ARE REQUIRED. THE CONTRACTOR SHALL ENSURE ALL LABOR AND EQUIPMENT IS AVAILABLE TO REMOVE REMAINING WATER. COORDINATION WITH INSPECTION DIVISION MUST TAKE PLACE PRIOR TO ANY TRIAL SHUT DOWN.
2. CONTRACTOR TO INSTALL TEMPORARY SERVICE TO ENSURE PROPER SHUT DOWN IN THE EVENT NO OTHER APPURTENANCES ARE AVAILABLE.
3. PROTECT IN PLACE AND ADJUST LVVWD EXISTING FACILITIES TO FINISHED GRADE PER UDACS. ALL LVVWD FACILITIES SHALL BE ACCESSIBLE AT ALL TIMES.
4. DISPOSAL OF ASBESTOS CEMENT PIPE (ACP) SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
5. THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL, ON-SITE (PRIVATE), PRESSURE-REDUCING VALVES (PRV) BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRV'S ARE THE DEVELOPER'S RESPONSIBILITY, AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVVWD FACILITIES.

DEMOLITION AND REMOVAL NOTES

1. REMOVE EXISTING TREES AND LANDSCAPE.
2. PROTECT IN PLACE EXISTING TREE.
3. REMOVE EXISTING CURB, GUTTER AND SIDEWALK.
4. PROTECT IN PLACE EXISTING CURB, GUTTER AND SIDEWALK.
5. REMOVE AND/OR RELOCATE EXISTING FIRE HYDRANT. ABANDON WATER VALVE AND LATERAL CONNECTION PER NOTE ON THIS SHEET.
6. PROTECT IN PLACE EXISTING FIRE HYDRANT, WATER VALVE AND LATERAL CONNECTION PER NOTE THIS SHEET.
7. REMOVE AND RELOCATE EXISTING STREET LIGHT.
8. PROTECT IN PLACE EXISTING STREET LIGHT.
9. REMOVE EXISTING FENCE.
10. REMOVE AND/OR RELOCATE EXISTING ONSITE CATV UTILITIES.
11. REMOVE AND/OR RELOCATE EXISTING ONSITE TELEPHONE UTILITIES.
12. REMOVE EXISTING ONSITE GAS LINE, CUT AND CAP AT PROPERTY LINE. CONTACT SOUTHWEST GAS PRIOR TO REMOVAL. CALL SOUTHWEST GAS AT 702-365-2099.
13. REMOVE EXISTING CONCRETE UTILITIES VAULT BY OTHERS. LVVWD PER NOTE THIS SHEET.
14. REMOVE EXISTING ELECTRIC UTILITIES VAULT BY OTHERS.
15. DEMOLISH EXISTING BUILDING REFER TO ARCHITECTURAL PLAN FOR DETAILS.
16. REMOVE EXISTING PLAYGROUND EQUIPMENT. COORDINATE WITH CCSD IF EQUIPMENT SHOULD BE SALVAGED.
17. REMOVE EXISTING ONSITE LIGHT POLE.
18. REMOVE EXISTING ONSITE SIGN AND POST.
19. REMOVE EXISTING SEWER LINE AND LATERAL CONNECTION.
20. REMOVE EXISTING WATER LINE, LATERAL CONNECTION AND WATER VALVE.
21. REMOVE EXISTING LATERAL, METERS AND RPPA. COORDINATE WITH LVVWD INSPECTOR ON WHERE EXISTING METER AND OR RPPA IS TO BE DELIVERED TO.
22. ABANDON EXISTING LATERAL, AND WATER LINE PER UDACS, SEE NOTE THIS SHEET.
23. REMOVE AND/OR RELOCATE EXISTING ONSITE ELECTRIC UTILITIES.
24. PROTECT IN PLACE EXISTING FENCE.
25. REMOVE EXISTING ASPHALT.
26. REMOVE EXISTING SIDEWALK UNDER DRAIN.
27. PROTECT IN PLACE EXISTING CONCRETE VALLEY GUTTER AND CHAINLINK FENCE.
28. SAWCUT & REMOVE EXISTING CONCRETE CHANNEL.
29. PROTECT IN PLACE EXISTING CONCRETE UTILITIES VAULT & CABLE BOX.
30. REMOVE SERVICES PER NOTE THIS SHEET.
31. ABANDON VAULT PER NOTE ON THIS SHEET
32. REMOVE EXISTING SIDEWALK RAMP & SPANDREL.

LIMITS OF DEMOLITION AREA.

LIMITS OF SIDEWALK REMOVE AND REPLACEMENT AREA.

LIMITS OF AC REMOVAL.

SAWCUT LINE .

BASIS OF BEARINGS:
GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS ZONE, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.

LINEAR UNIT: US SURVEY FOOT (FTUS)

DATUM (REFERENCE FRAME): NAD 83 (2011) EPOCH 2010.00
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)

ZONE: LAS VEGAS

PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORGIN): 36°15'00"N
LONGITUDE OF CENTRAL MERIDIAN: 114°58'00"W
NORTHING AT GRID ORIGIN: 200,000.000 M (656,166.6667 FTUS)
EASTING AT CENTRAL MERIDIAN: 100,000.000 M (328,083.3333 FTUS)
SCALE FACTOR ON CENTRAL MERIDIAN; 1.0001 (EXACT)

NOTES:
1. ALL DISTANCES AND BEARINGS SHOWN HEREON ARE PROJECTED (GRID) VALUES BASED ON THE PRECEDING PROJECTION DEFINITION. THE PROJECTION WAS DEFINED SUCH THAT PROJECTED (GRID) DISTANCES ARE EQUIVALENT TO "GROUND" DISTANCES IN THE PROJECT AREA.

2. GRID BEARINGS SHOWN HEREON (OR IMPLIED BY GRID COORDINATES) DO NOT EQUAL GEODETIC BEARINGS DUE TO MERIDIAN CONVERGENCE.

GRAPHIC SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.
(SCALE VALID AT FULL-SIZE, 24X36, ONLY)

N W E S

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD 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 OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Call before you Dig — Call 811 — 1-800-227-2600

ARE THERE OVERHEAD POWER LINES ON SITE? CALL BEFORE YOU DIG OVERHEAD — 1-702-227-2929

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

LEGAL DESCRIPTION:
BEING THE NORTH HALF (N 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 26, TOWNSHIP 22 SOUTH, RANGE 61 EAST, M.D.M., CLARK COUNTY, NEVADA.

CONTAINING 20 ACRES, MORE OR LESS, AS DETERMINED BY COMPUTER METHODS

BENCHMARK:
PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CITY OF LAS VEGAS BENCHMARK: 1LV0232N6 (2008)
NAVD88 ELEVATION: 536.414 METERS (1759.89 FEET)
RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CONRNER OF MARION DRIVE AND MONTEBELLO AVENUE.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 136279 FIRST APPROVED DATE: 6/24/19

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:
1	REMOVE AC DUE TO CURB REMOVAL REVISED	11/7/20	MPE
	REVISED OH DIMENSION HEAD - CURB TO REMOVE	2/18/20	

PLANNING & DESIGN	DATE
DESIGN MANAGER	
DM MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
CM MANAGER	
REQUIREMENTS	
SITE ADMINISTRATOR	
CODE COMPLIANCE	
AHERA REVIEW	
FSR/TSRR	

ASBESTOS WORK IS:
REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID
0001626

SEAL: PROFESSIONAL ENGINEER STATE OF NEVADA — VERNON R. HARKINS Exp. 9-30-19 CIVIL No. 009896

CCSD PROJECT NO.	
CCSD REVIEW	
APPROVED BY	
DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
A/E PROJECT NO.	SCS-1616

CONSULTANT
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f 702.856.8401
www.poggemeyer.com

ARCHITECT
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151 East Warm Springs Road
Las Vegas, Nevada 89119
P: 702-435-7150 F: 702-435-7699
www.simpsoncoulter.com

CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.0450

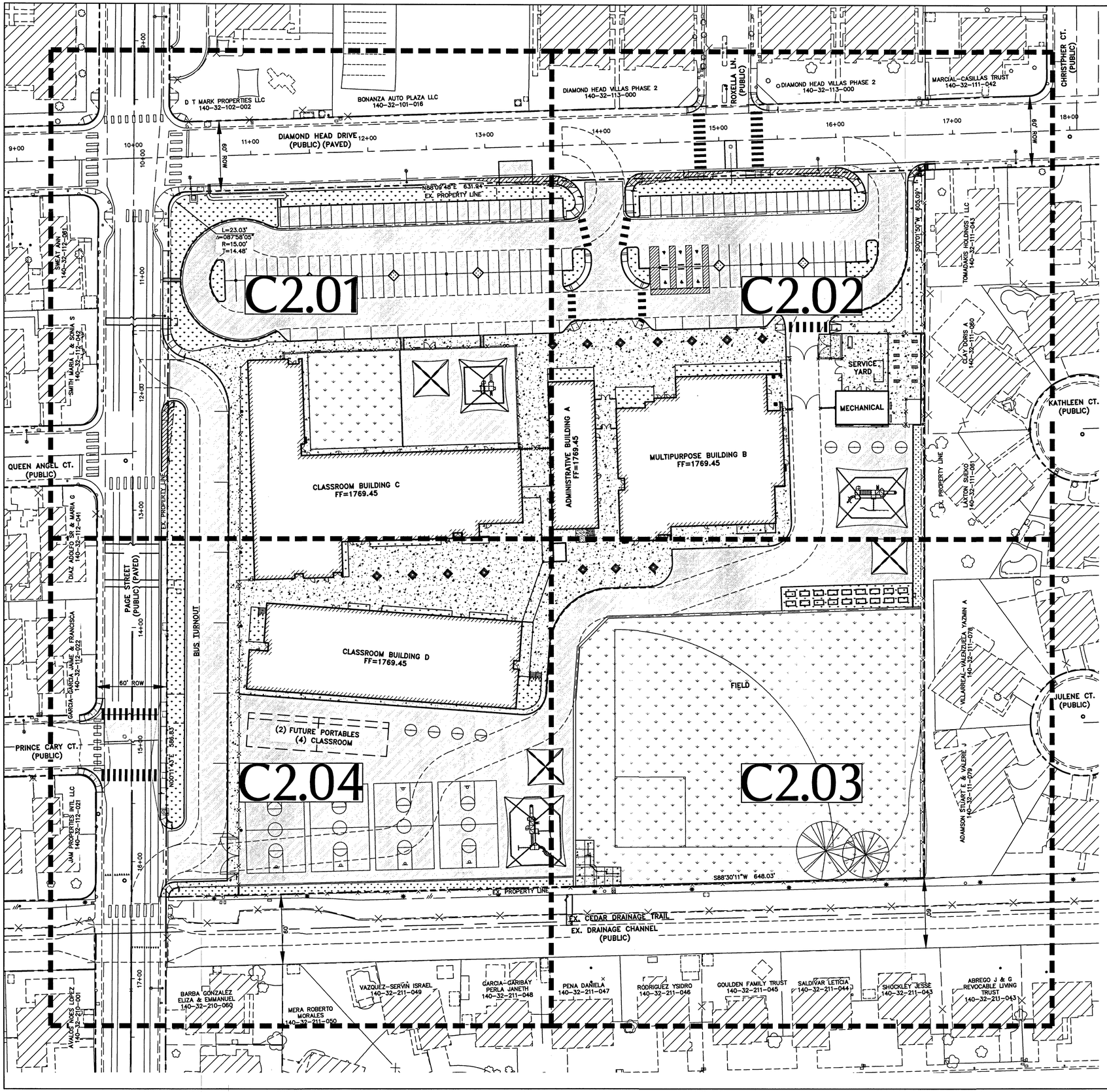
PROJECT: ELBERT EDWARDS E.S. REPLACEMENT
DRAWING TITLE: DEMOLITION CONTROL PLAN
FACILITY: 4551 DIAMOND HEAD DRIVE

SHEET NO. 5 of 31 VOL. E

C1.01

119-00762
CLV NO. 715-215

PROJ.#:136279A QS:140-32-NW



SURFACE LEGEND

- ASPHALTIC CONCRETE (OFFSITE)
- ASPHALTIC CONCRETE (ONSITE)
- CONCRETE PAVEMENT
- CONCRETE SIDEWALK/WALKWAY
- LANDSCAPE AREA
- FIELD/TURF AREA

BASIS OF BEARINGS:
GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS ZONE, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.

LINEAR UNIT: US SURVEY FOOT (FTUS)

DATUM (REFERENCE FRAME): NAD 83 (2011) EPOCH 2010.00
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)

ZONE: LAS VEGAS

PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORGIN): 36°15'00"N
LONGITUDE OF CENTRAL MERIDIAN: 114°58'00"W
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EASTING AT CENTRAL MERIDIAN: 100,000.000 M (328,083.3333 FTUS)
SCALE FACTOR ON CENTRAL MERIDIAN; 1.0001 (EXACT)

NOTES:
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BENCHMARK:
PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CITY OF LAS VEGAS BENCHMARK: 1LV0232N8 (2008)
NAVD88 ELEVATION: 536.414 METERS (1759.89 FEET)
RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF MARION DRIVE AND MONTEBELLO AVENUE.

LEGAL DESCRIPTION:
BEING THE NORTH HALF (N 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 26, TOWNSHIP 22 SOUTH, RANGE 61 EAST, M.D.M., CLARK COUNTY, NEVADA.

CONTAINING 20 ACRES, MORE OR LESS, AS DETERMINED BY COMPUTER METHODS

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 inch = 40 ft.
(SCALE VALID AT FULL-SIZE, 24X36, ONLY)

N W E S

DISCLAIMER NOTE
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ANY HITCH ABOVE POSES LIFE-TO-LOSS!! CALL BEFORE YOU DIG OVERHEAD — 1-702-227-2929
FAST — Call before you UnderGround. 1-702-432-5300 — PREVENT DAMAGE AFFECTING SYSTEM OF TRANSPORTATION

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:

PLANNING & DESIGN	DATE
DESIGN MANAGER	
QM MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
QM MANAGER	
REQUIREMENTS	
SITE ADMINISTRATOR	
CODE COMPLIANCE	
AHERA REVIEW	
FSR/TSRR	

ASBESTOS WORK IS:
REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID
0001626

PROFESSIONAL ENGINEER STATE OF NEVADA — VERNON R. HARKINS — Exp. 6-30-19 — CIVIL — No. 009896

CCSD PROJECT MGR.	
CCSD REVIEWER	
APPROVED BY	
DATE	
DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
A/E PROJECT NO.	SCS-1816

CONSULTANT
POGGEMEYER DESIGNGROUP
6980 Sierra Peak, Suite 110
Las Vegas, Nevada 89130
p) 702.804.8100
www.poggemeyer.com

ARCHITECT
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PLANNING • ARCHITECTURE • INTERIOR DESIGN
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P: 702-435-1150 F: 702-435-7699
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SC STUDIO

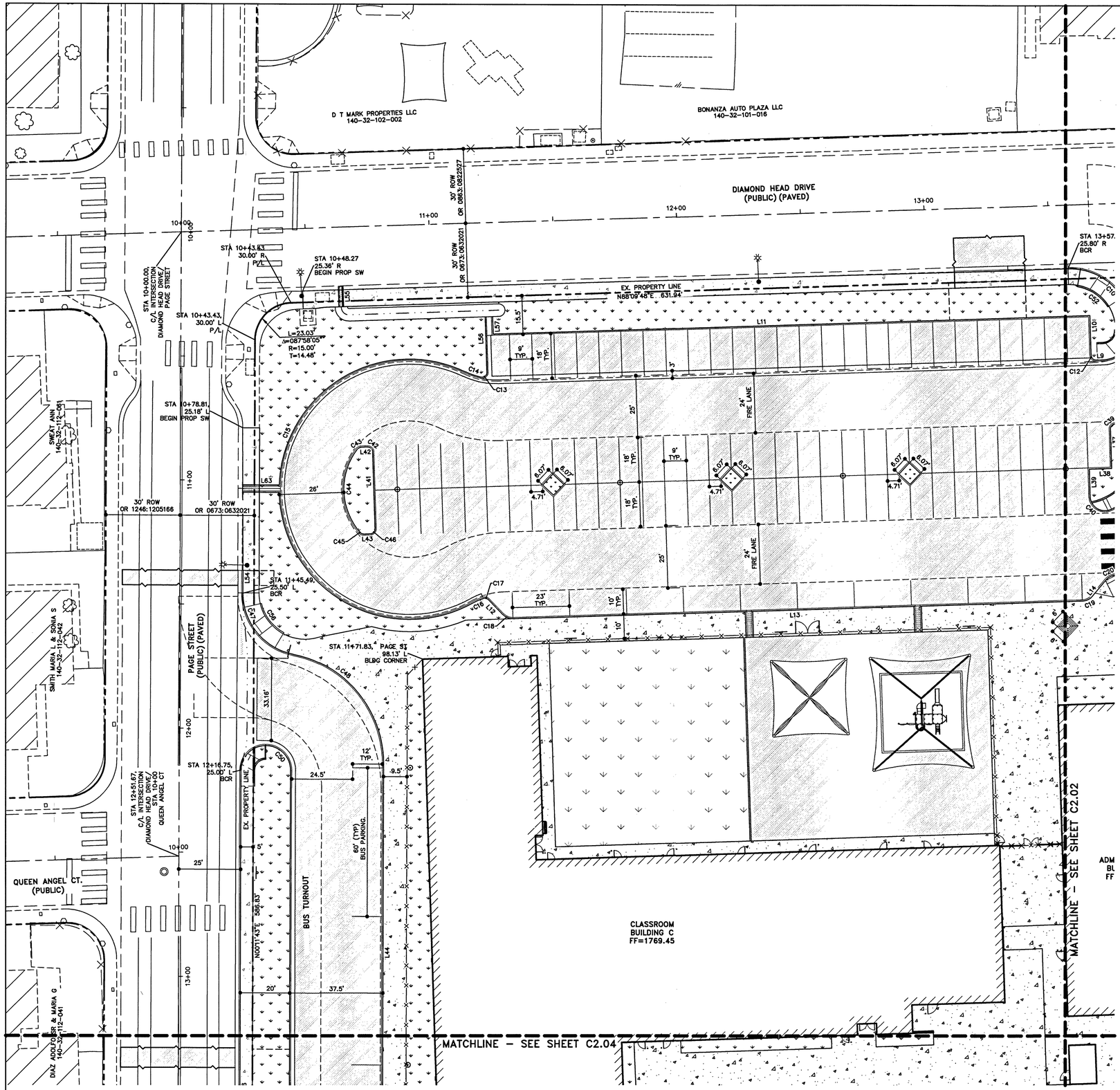
CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.6450

PROJECT: ELBERT EDWARDS E.S. REPLACEMENT
DRAWING TITLE: OVERALL SITE PLAN
FACILITY: 4551 DIAMOND HEAD DRIVE

SHEET NO. 6 of 31 VOL. II

C2.00

L19-00762
CLV NO. 715-215



SURFACE LEGEND

- ASPHALTIC CONCRETE (OFFSITE)
- ASPHALTIC CONCRETE (ONSITE)
- CONCRETE PAVEMENT
- CONCRETE SIDEWALK/WALKWAY
- LANDSCAPE AREA
- FIELD/TURF AREA

BASIS OF BEARINGS:
GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS ZONE, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.

LINEAR UNIT: US SURVEY FOOT (FTUS)

DATUM (REFERENCE FRAME): NAD 83 (2011) EPOCH 2010.00
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)

ZONE: LAS VEGAS

PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORGIN): 36°15'00"N
LONGITUDE OF CENTRAL MERIDIAN: 114°58'00"W
NORTHING AT GRID ORIGIN: 200,000.000 M (656,166.6667 FTUS)
EASTING AT CENTRAL MERIDIAN: 100,000.000 M
(328,083.3333 FTUS)
SCALE FACTOR ON CENTRAL MERIDIAN; 1.0001 (EXACT)

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BENCHMARK:
PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CITY OF LAS VEGAS BENCHMARK: 1LV0232N6 (2008)
NAVD88 ELEVATION: 536.414 METERS (1759.89 FEET)
RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CONRNER OF MARION DRIVE AND MONTEBELLO AVENUE.

LEGAL DESCRIPTION:
BEING THE NORTH HALF (N 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 26, TOWNSHIP 22 SOUTH, RANGE 61 EAST, M.D.M., CLARK COUNTY, NEVADA.

CONTAINING 20 ACRES, MORE OR LESS, AS DETERMINED BY COMPUTER METHODS

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 inch = 20 ft.
(SCALE VALID AT FULL-SIZE, 24X36, ONLY)

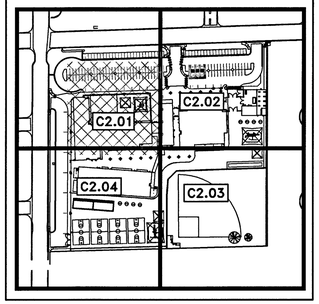
N W E S

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CALL BEFORE YOU DIG OVERHEAD — 1-702-227-2929
FAST — Call before you UnderGround. 1-702-432-5300 — FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:



PLANNING & DESIGN — DATE
DESIGN MANAGER
CM MANAGER
CONSTRUCTION MANAGEMENT
PROJECT MANAGER
CM MANAGER
REQUIREMENTS
SITE ADMINISTRATOR
CODE COMPLIANCE
AHERA REVIEW
FSR/TSRR

ASBESTOS WORK IS:
REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID
0001626

THE PROFESSIONAL ENGINEER-STATE OF NEVADA — VERNON R. HARKINS — Exp. 6-30-19 — CIVIL — NO. 009999

CCSD PROJECT NO.	
CCSD REVIEW	
APPROVED BY	
DATE	
DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
A/E PROJECT NO.	SCS-1516

CONSULTANT
POGGEMEYER DESIGNGROUP
6980 Smoke Ranch, Suite 110
Las Vegas, Nevada 89128
P) 702.256.8500
F) 702.256.8225
www.poggemeyer.com

STUDIO

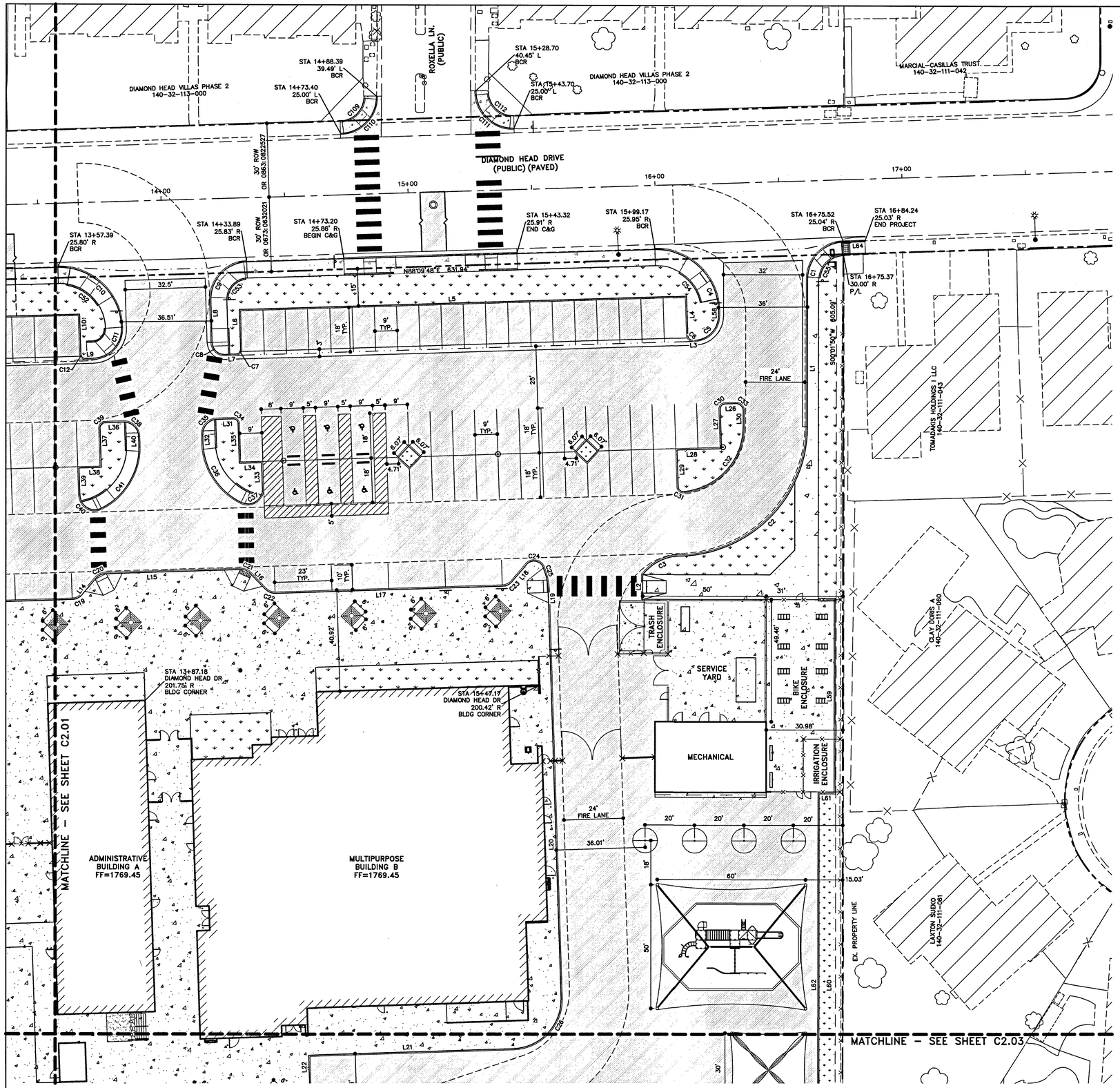
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151 East Warm Springs Road
Las Vegas, Nevada 89119
P: 702-435-1150 F: 702-435-7699
www.simpsoncoulter.com

CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.6450

PROJECT: **ELBERT EDWARDS E.S. REPLACEMENT**
DRAWING TITLE: **SITE PLAN (1 OF 5)**
FACILITY: **4551 DIAMOND HEAD DRIVE**

SHEET NO. 7 of 31 — VOL. E

C2.01
CLV NO. 715-215



SURFACE LEGEND

- ASPHALTIC CONCRETE (OFFSITE)
- ASPHALTIC CONCRETE (ONSITE)
- CONCRETE PAVEMENT
- CONCRETE SIDEWALK/WALKWAY
- LANDSCAPE AREA
- FIELD/TURF AREA

BASIS OF BEARINGS:
GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS ZONE, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.

LINEAR UNIT: US SURVEY FOOT (FTUS)

DATUM (REFERENCE FRAME): NAD 83 (2011) EPOCH 2010.00
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)

ZONE: LAS VEGAS

PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORGIN): 36°15'00"N
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EASTING AT CENTRAL MERIDIAN: 100,000.000 M
(328,083.3333 FTUS)
SCALE FACTOR ON CENTRAL MERIDIAN; 1.0001 (EXACT)

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BENCHMARK:
PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CITY OF LAS VEGAS BENCHMARK: 1LV0232N8 (2008)
NAVD88 ELEVATION: 536.414 METERS (1759.89 FEET)
RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF MARION DRIVE AND MONTEBELLO AVENUE.

LEGAL DESCRIPTION:
BEING THE NORTH HALF (N 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 28, TOWNSHIP 22 SOUTH, RANGE 61 EAST, M.D.M., CLARK COUNTY, NEVADA.

CONTAINING 20 ACRES, MORE OR LESS, AS DETERMINED BY COMPUTER METHODS

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 inch = 20 ft.
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N W E S

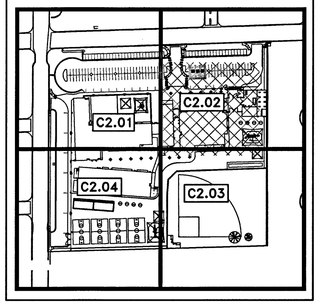
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ASK YOUR SUPPLY ASSOCIATION FOR CALL BEFORE YOU DIG LOCATIONS — 1-702-227-2929
FAST — Call before you UnderGround. 1-702-432-5300

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:



PLANNING & DESIGN — DATE
DESIGN MANAGER
CM MANAGER

CONSTRUCTION MANAGEMENT
PROJECT MANAGER
CM MANAGER

REQUIREMENTS
SITE ADMINISTRATOR
CODE COMPLIANCE
AHERA REVIEW
FSR/FSNR

ASBESTOS WORK IS:
REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID
0001626

PROFESSIONAL ENGINEER — STATE OF NEVADA
VERNON R. HARKINS
Exp. 6-30-19
CIVIL
No. 009998
SEAL

CCSD PROJECT NO.	
CCSD REVIEW	
APPROVED BY	
DATE	
DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
V.V. PROJECT NO.	SCS-1816

CONSULTANT
POGGEMEYER DESIGNGROUP
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F 702.255.8225
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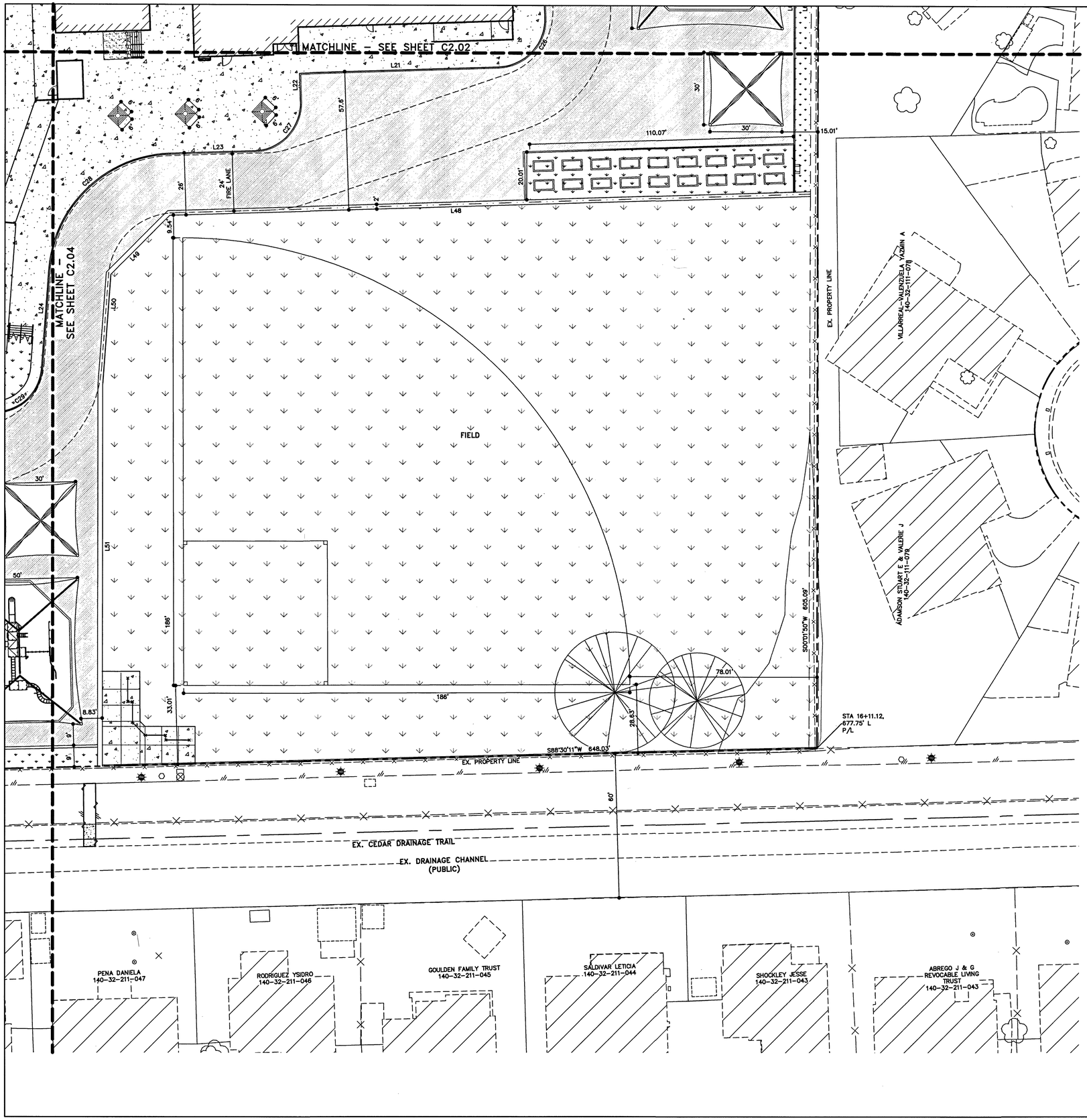
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www.simpsoncoulter.com

CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.8450

PROJECT: ELBERT EDWARDS E.S. REPLACEMENT
DRAWING TITLE: SITE PLAN (2 OF 5)
FACILITY: 4551 DIAMOND HEAD DRIVE

SHEET NO. 8 of 31 — VOL. E

C2.02
L19-00762
CLV NO. 715-215



SURFACE LEGEND

- ASPHALTIC CONCRETE (OFFSITE)
- ASPHALTIC CONCRETE (ONSITE)
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LINEAR UNIT: US SURVEY FOOT (FTUS)

DATUM (REFERENCE FRAME): NAD 83 (2011) EPOCH 2010.00
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ZONE: LAS VEGAS

PROJECTION: TRANSVERSE MERCATOR
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BENCHMARK:
PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CITY OF LAS VEGAS BENCHMARK: 1LV02328 (2008)
NAVD88 ELEVATION: 536.414 METERS (1759.89 FEET)
RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF MARION DRIVE AND MONTEBELLO AVENUE.

LEGAL DESCRIPTION:
BEING THE NORTH HALF (N 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 26, TOWNSHIP 22 SOUTH, RANGE 61 EAST, M.D.M., CLARK COUNTY, NEVADA.

CONTAINING 20 ACRES, MORE OR LESS, AS DETERMINED BY COMPUTER METHODS

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 inch = 20 ft.
(SCALE VALID AT FULL-SIZE, 24X36, ONLY)

N W E S

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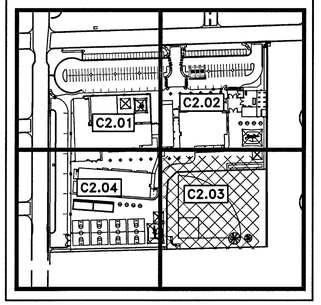
Call before you Dig Avoid cutting underground utility lines. It's easy. Call 811 or 1-800-227-2600

ARE THERE OVERHEAD POWER LINES AT YOUR SITE? CALL BEFORE YOU DIG OVERHEAD 1-702-227-2929

FAST Call before you UnderGround. 1-702-432-5300 FRIENDLY AND EFFICIENT SYSTEM OF TRANSPORTATION

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:



PLANNING & DESIGN	DATE
DESIGN MANAGER	
QM MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
QM MANAGER	
REQUIREMENTS	
SITE ADMINISTRATOR	
CODE COMPLIANCE	
AHERA REVIEW	
FSR/FSRR	

ASBESTOS WORK IS:
REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID
0001626

PROFESSIONAL ENGINEER-STATE OF NEVADA
VERNON R. HARKINS
Exp. 6-30-19
CIVIL
No. 009699

CCSD PROJECT NO.	
CCSD REVIEW	
APPROVED BY	
DATE	
DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
A/E PROJECT NO.	SCS-1816

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POGGEMEYER DESIGNGROUP
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F) 702.255.8001
www.poggemeyer.com

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151 East Warm Springs Road
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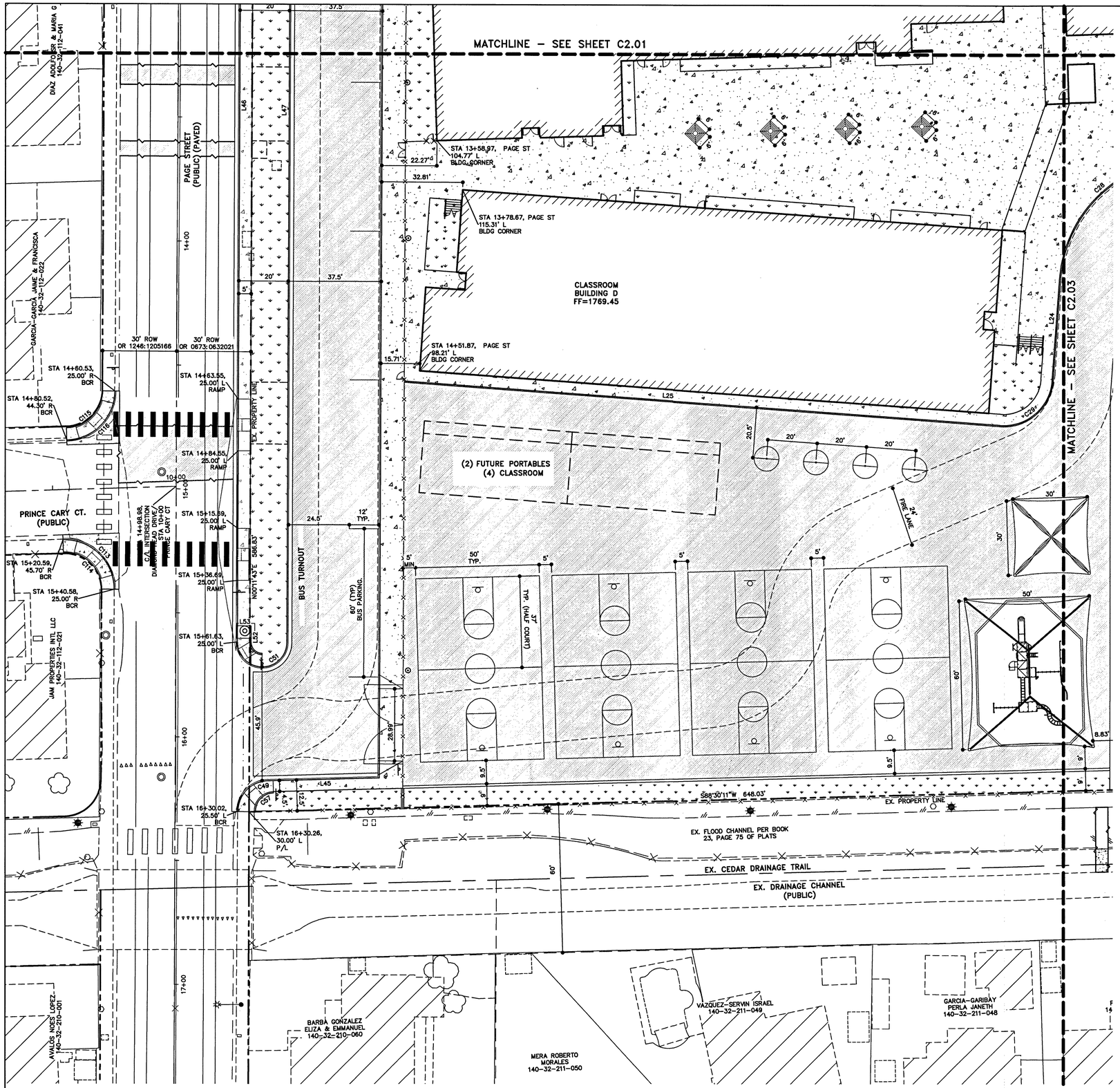
SC STUDIO

CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.8450

PROJECT: **ELBERT EDWARDS E.S. REPLACEMENT**
DRAWING TITLE: **SITE PLAN (3 OF 5)**
FACILITY: **4551 DIAMOND HEAD DRIVE**

SHEET NO. 9 of 31 VOL. E

C2.03
L19-00762
CLV NO. 715-215



SURFACE LEGEND

- ASPHALTIC CONCRETE (OFFSITE)
- ASPHALTIC CONCRETE (ONSITE)
- CONCRETE PAVEMENT
- CONCRETE SIDEWALK/WALKWAY
- LANDSCAPE AREA
- FIELD/TURF AREA

BASIS OF BEARINGS:
GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS ZONE, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.

LINEAR UNIT: US SURVEY FOOT (FTUS)

DATUM (REFERENCE FRAME): NAD 83 (2011) EPOCH 2010.00
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)

ZONE: LAS VEGAS

PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORGIN): 36°15'00"N
LONGITUDE OF CENTRAL MERIDIAN: 114°58'00"W
NORTHING AT GRID ORIGIN: 200,000.000 M (656,166.6667 FTUS)
EASTING AT CENTRAL MERIDIAN: 100,000.000 M
(328,083.3333 FTUS)
SCALE FACTOR ON CENTRAL MERIDIAN; 1.0001 (EXACT)

NOTES:
1. ALL DISTANCES AND BEARINGS SHOWN HEREON ARE PROJECTED (GRID) VALUES BASED ON THE PRECEDING PROJECTION DEFINITION. THE PROJECTION WAS DEFINED SUCH THAT PROJECTED (GRID) DISTANCES ARE EQUIVALENT TO "GROUND" DISTANCES IN THE PROJECT AREA.

2. GRID BEARINGS SHOWN HEREON (OR IMPLIED BY GRID COORDINATES) DO NOT EQUAL GEODETIC BEARINGS DUE TO MERIDIAN CONVERGENCE.

BENCHMARK:
PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CITY OF LAS VEGAS BENCHMARK: 1LV0232N8 (2008)
NAVD88 ELEVATION: 536.414 METERS (1759.89 FEET)
RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CONRNER OF MARION DRIVE AND MONTEBELLO AVENUE.

LEGAL DESCRIPTION:
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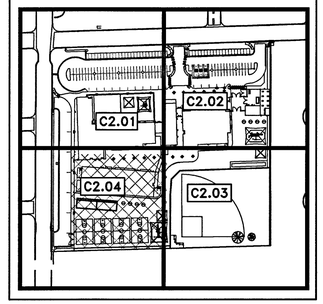
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ASK FOR SPOTTER FROM LINE CO. CALL BEFORE YOU DIG OVERHEAD 1-702-227-2929

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REVISIONS

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PLANNING & DESIGN — DATE
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QM MANAGER

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PROFESSIONAL ENGINEER – STATE OF NEVADA – VERNON R. HARKINS – Exp. 6-30-19 – CIVIL – No. 009898

CCSD PROJECT NO.
CCSD REVIEW
APPROVED BY
DATE

DATE 05/03/2019
DRAWN BY RPL/TRI
CHECKED BY VRH
SUBMITTAL CONFORMED
T/K PROJECT NO. SCS-1816

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POGGEMEYER DESIGNGROUP
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SC STUDIO

CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.8450

PROJECT: ELBERT EDWARDS E.S. REPLACEMENT
DRAWING TITLE: SITE PLAN (4 OF 5)
FACILITY: 4551 DIAMOND HEAD DRIVE

SHEET NO. 10 of 31 VOL. E

C2.04

L19-00762
CLV NO. 715-215

Line Table		
Line #	Length	Direction
L1	59.69	S0°01'50"W
L2	10.00	S0°00'00"E
L3	0.71	S88°09'48"W
L4	16.00	N1°50'12"W
L5	181.00	S88°09'48"W
L6	16.00	N1°50'12"W
L7	4.50	S88°09'48"W
L8	17.17	N1°50'12"W
L9	2.80	S88°09'48"W
L10	16.00	N1°50'12"W
L11	241.00	S88°09'48"W
L12	8.43	N43°50'12"W
L13	230.00	S88°09'48"W
L14	8.78	S40°09'48"W
L15	55.04	S88°09'48"W
L16	8.78	N43°49'26"W
L17	91.84	S88°09'48"W
L18	8.85	S40°21'48"W
L19	4.66	N1°50'12"W
L20	159.82	N1°50'12"W
L21	82.82	N88°09'48"E
L22	11.60	N1°50'12"W

Line Table		
Line #	Length	Direction
L23	34.82	N88°09'48"E
L24	41.28	N4°09'35"E
L25	241.62	S85°50'25"E
L26	4.24	S88°09'48"W
L27	16.00	N1°50'12"W
L28	18.00	S88°09'48"W
L29	14.96	N1°50'12"W
L30	6.27	S0°01'50"W
L31	6.50	S88°09'48"W
L32	3.50	N1°50'12"W
L33	10.53	N1°50'12"W
L34	9.00	S88°09'48"W
L35	16.00	N1°50'12"W
L36	7.50	S88°09'48"W
L37	16.00	N1°50'12"W
L38	9.00	S88°09'48"W
L39	11.03	N1°50'12"W
L40	3.50	N1°50'12"W
L41	31.00	N1°50'12"W
L42	2.61	S88°09'48"W
L43	2.61	S88°09'48"W
L44	401.93	N0°11'43"E

Line Table		
Line #	Length	Direction
L45	44.89	N88°30'11"E
L46	344.88	N0°11'43"E
L47	344.88	N0°11'43"E
L48	269.18	N88°09'48"E
L49	34.69	N45°00'00"E
L50	46.19	S4°09'35"W
L51	158.66	S0°01'50"W
L52	15.99	N0°11'43"E
L53	5.50	N89°48'17"W
L54	9.17	N0°11'43"E
L55	8.30	N1°50'12"W
L56	22.27	N1°50'12"W
L57	7.00	N1°50'12"W
L58	1.56	S0°01'50"W
L59	78.20	N0°01'50"E
L60	154.58	N0°01'50"E
L61	6.50	N90°00'00"W
L62	155.29	S0°01'50"W
L63	14.85	N89°48'17"W
L64	8.72	N88°08'35"E

Curve Table			
Curve #	Length	Radius	Delta
C1	23.05	15.00	88°03'11"
C2	81.27	52.50	88°41'32"
C3	17.54	20.00	50°14'17"
C4	40.06	25.00	91°48'48"
C5	15.38	10.00	88°07'57"
C6	3.14	2.00	90°00'00"
C7	3.14	2.00	90°00'00"
C8	7.85	5.00	90°00'00"
C9	23.57	15.00	90°01'37"
C10	39.26	25.00	89°58'25"
C11	18.85	12.00	90°00'00"
C12	3.14	2.00	90°00'00"
C13	3.62	2.00	103°44'53"
C14	6.57	27.50	13°41'28"
C15	104.25	52.50	113°46'12"
C16	4.50	27.50	9°22'58"
C17	2.31	2.00	66°03'24"
C18	4.61	5.50	48°00'00"
C19	4.61	5.50	48°00'00"
C20	4.19	5.00	48°00'00"

Curve Table			
Curve #	Length	Radius	Delta
C21	4.19	5.00	48°00'46"
C22	4.61	5.50	48°00'46"
C23	4.59	5.50	47°48'00"
C24	8.18	4.00	117°08'50"
C25	9.91	27.50	20°39'10"
C26	31.42	20.00	90°00'00"
C27	31.42	20.00	90°00'00"
C28	76.97	52.50	84°00'13"
C29	30.63	19.50	90°00'00"
C30	3.14	2.00	90°00'00"
C31	3.26	2.00	93°23'24"
C32	39.19	26.50	84°44'33"
C33	4.81	3.00	91°52'03"
C34	3.14	2.00	90°00'00"
C35	9.42	6.00	90°00'00"
C36	29.89	27.50	62°16'56"
C37	12.33	6.00	117°43'04"
C38	9.42	6.00	90°00'00"
C39	3.14	2.00	90°00'00"
C40	12.02	6.00	114°44'47"

Curve Table			
Curve #	Length	Radius	Delta
C41	31.32	27.50	65°15'13"
C42	3.14	2.00	90°00'00"
C43	1.77	2.00	50°45'14"
C44	36.30	26.50	78°29'32"
C45	1.77	2.00	50°45'14"
C46	3.14	2.00	90°00'00"
C47	34.60	25.00	79°17'50"
C48	62.28	45.00	79°17'50"
C49	19.27	12.50	88°18'28"
C50	31.42	10.00	180°00'00"
C51	31.42	10.00	180°00'00"
C52	15.17	18.00	48°17'42"
C53	11.32	8.00	81°03'08"
C54	15.18	18.00	48°18'21"
C55	13.83	10.00	79°15'32"
C56	15.40	18.00	49°01'36"
C57	11.73	7.50	89°37'30"
C109	13.68	10.00	78°23'05"
C110	23.05	15.00	88°02'43"
C111	24.01	15.00	91°42'35"

Curve Table			
Curve #	Length	Radius	Delta
C112	13.68	10.00	78°23'05"
C113	32.12	20.00	92°00'17"
C114	15.45	15.00	59°01'08"
C115	15.45	15.00	59°01'01"
C116	30.72	20.00	87°59'43"

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

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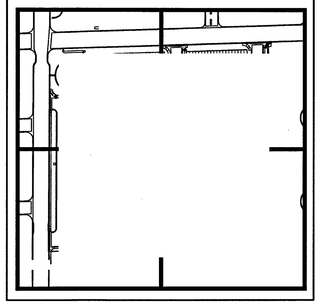
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REVISIONS

REV:	DESCRIPTION:	DATE:	BY:



PLANNING & DESIGN DATE

DESIGN MANAGER

DM MANAGER

CONSTRUCTION MANAGEMENT

PROJECT MANAGER

CM MANAGER

REQUIREMENTS

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AHERA REVIEW

FSR/FSSR

ASBESTOS WORK IS:

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JOB ID/MPID

0001626

PROFESSIONAL ENGINEER - STATE OF NEVADA - VERNON R. HARKINS - Exp. 6-30-19 - CIVIL - No. 009898 - SEAL

CCSD PROJECT NO.	
CCSD INSPECTOR	
APPROVED BY	
DATE	

DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
JOY PROJECT NO.	SCS-1816

CONSULTANT

POGGEMEYER DESIGNGROUP

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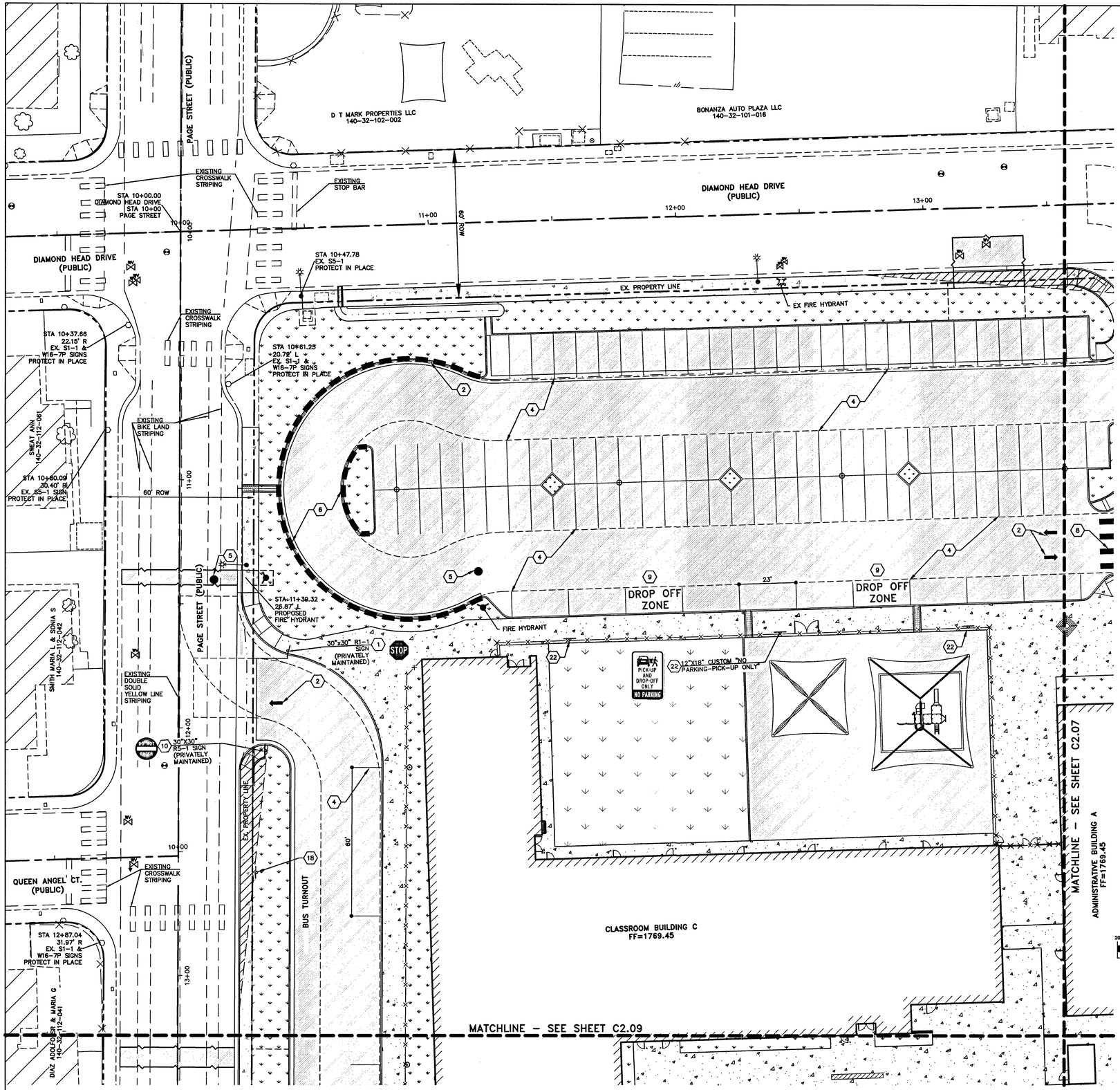
DRAWING TITLE:
SITE PLAN(5 OF 5)

FACILITY:
4551 DIAMOND HEAD DRIVE

SHEET NO. 11 of 31 VOL. E

C2.05

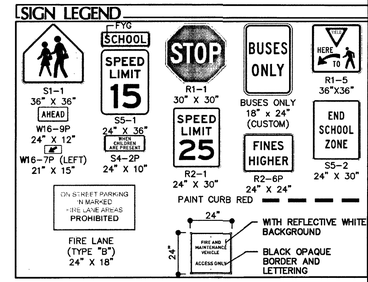
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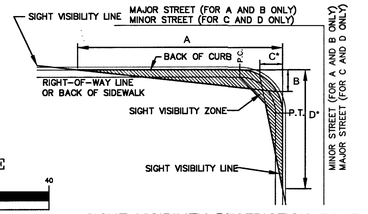
SIGNAGE & STRIPING NOTES

1. INSTALL R1-1 "STOP SIGN" & POST PER MUTCD (PRIVATELY MAINTAINED)
2. INSTALL WHITE PAINTED DIRECTIONAL ARROW.
3. INSTALL ACCESSIBLE PARKING STALLS. REFER TO DETAIL NO. 7 SHEET C6.01
4. INSTALL 4" WIDE, HIGH VISIBILITY PARKING STRIPE (WHITE)
5. INSTALL BLUE REFLECTIVE RAISED PAVEMENT MARKER PER PLAN
6. PAINT CURB RED W/ "NO PARKING-FIRE LANE" STENCILED IN WHITE EVERY 50 FT PER SNFC 503.3.1
7. INSTALL GREEN REFLECTIVE RAISED PAVEMENT MARKER PER PLAN (TO IDENTIFY GATE OBSTRUCTION TO FIRE ACCESS)
8. INSTALL CROSSWALK STRIPING PER CCAUSD NO. 254
9. INSTALL 18" TALL WHITE PAINTED TEXT 'DROP OFF ZONE'
10. INSTALL R5-1 "DO NOT ENTER" SIGN & POST
11. PROVIDE AND INSTALL POST MOUNTED TRAFFIC SIGN PER USD NO. 249.1 (PROVIDE 48" MIN CLEAR TO BC)
12. INSTALL "FIRE AND MAINTENANCE VEHICLE ACCESS ONLY" SIGN & POST (PRIVATELY MAINTAINED)
13. INSTALL 18" X 24" (CUSTOM) BUS ENTRANCE ONLY SIGN & POST (PRIVATELY MAINTAINED)
14. INSTALL STOP BAR PER CCAUSD NO. 254
15. INSTALL 18" X 24" (CUSTOM) BUS ENTRANCE ONLY SIGN & POST (PRIVATELY MAINTAINED)
16. INSTALL R1-5 ADVANCED YIELD SIGN & POST
17. INSTALL 24" X 18" TYPE 'B' FIRE LANE SIGN PER SNFC 503.3.1
18. INSTALL SCHOOL ZONE 15 MPH SPEED LIMIT MUTCD SIGNS S5-1, S4-2P, & R2-6P
19. INSTALL MANUAL ACCESS GATE WITH KNOX PADLOCK
20. INSTALL S1-1 & W16-7P (LEFT) CROSSWALK SIGNS
21. INSTALL S5-2 "END SCHOOL ZONE" SIGN PER MUTCD
22. INSTALL 12" X 18" "PICK-UP AND DROP-OFF ONLY NO PARKING" SIGN AS REQUIRED PER IFC-2012 SEC. 1008.1.9.

SIGN LEGEND



CITY TRAFFIC ENGINEER-CITY OF LAS VEGAS DATE



SIGHT VISIBILITY RESTRICTION ZONE
TYPICAL INTERSECTION CORNER N.T.S.

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(IN FEET)
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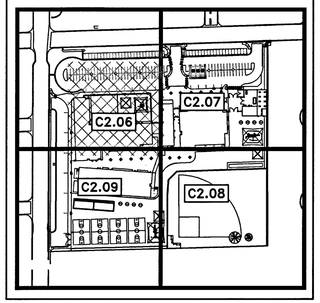
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SUBMITTAL	CONFORMED
V/K PROJECT NO.	SCS-1916

CONSULTANT
POGGEMEYER DESIGNGROUP
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ARCHITECT

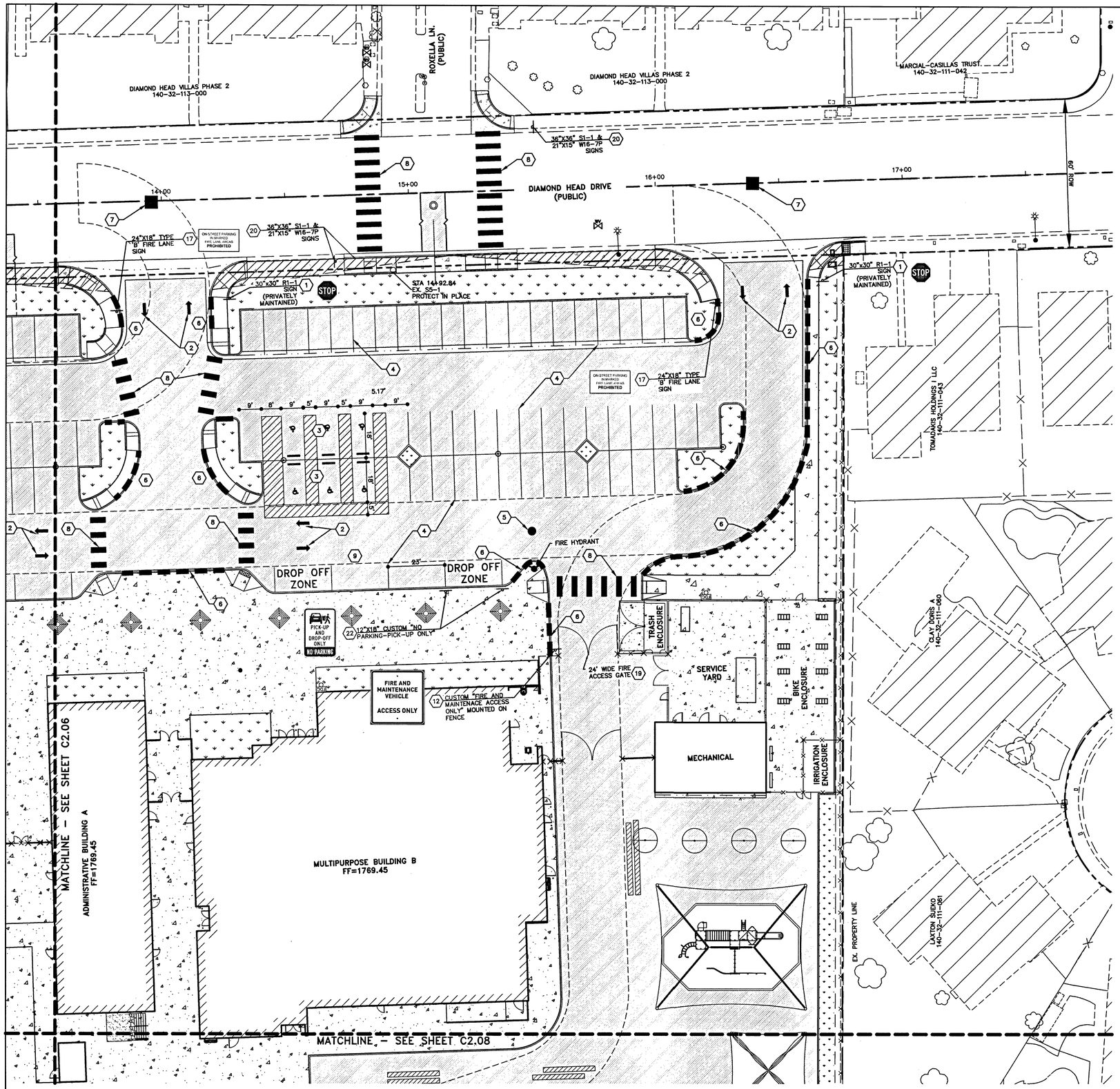
CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.8450

PROJECT: **ELBERT EDWARDS E.S. REPLACEMENT**
DRAWING TITLE: **SIGNAGE AND STRIPING PLAN (1 OF 4)**
FACILITY: **4551 DIAMOND HEAD DRIVE**

SHEET NO. 12 of 31 VOL. E

C2.06

L19-00762
CLV NO. 715-215



SIGNAGE & STRIPING NOTES

1. INSTALL R1-1 "STOP SIGN" & POST PER MUTCD (PRIVATELY MAINTAINED)
2. INSTALL WHITE PAINTED DIRECTIONAL ARROW.
3. INSTALL ACCESSIBLE PARKING STALLS. REFER TO DETAIL NO. 7 SHEET C6.01
4. INSTALL 4" WIDE, HIGH VISIBILITY PARKING STRIPE (WHITE)
5. INSTALL BLUE REFLECTIVE RAISED PAVEMENT MARKER PER PLAN
6. PAINT CURB RED W/ ["NO PARKING-FIRE LANE"] STENCILED IN WHITE EVERY 50 FT PER SNFC 503.3.1
7. INSTALL GREEN REFLECTIVE RAISED PAVEMENT MARKER PER PLAN (TO IDENTIFY GATE OBSTRUCTION TO FIRE ACCESS)
8. INSTALL CROSSWALK STRIPING PER CCAUSD NO. 254
9. INSTALL 18" TALL WHITE PAINTED TEXT 'DROP OFF ZONE'
10. INSTALL R5-1 "DO NOT ENTER" SIGN & POST
11. PROVIDE AND INSTALL POST MOUNTED TRAFFIC SIGN PER USD NO. 249.1 (PROVIDE 48" MIN CLEAR TO BC)
12. INSTALL "FIRE AND MAINTENANCE VEHICLE ACCESS ONLY" SIGN & POST (PRIVATELY MAINTAINED)
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19. INSTALL MANUAL ACCESS GATE WITH KNOX PADLOCK
20. INSTALL S1-1 & W16-7P (LEFT) CROSSWALK SIGNS
21. INSTALL S5-2 "END SCHOOL ZONE" SIGN PER MUTCD
22. INSTALL 12" X 18" "PICK-UP AND DROP-OFF ONLY NO PARKING" SIGN AS REQUIRED PER IFC-2012 SEC. 1008.1.9.

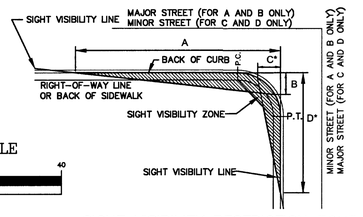
SIGN LEGEND

CITY TRAFFIC ENGINEER-CITY OF LAS VEGAS DATE

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20 ft.
(SCALE VALID AT FULL-SIZE, 24X36, ONLY)



SIGHT VISIBILITY RESTRICTION ZONE
TYPICAL INTERSECTION CORNER N.T.S.

DISCLAIMER NOTE

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Call before you Dig Avoid costly underground utility strike by calling... Call 811 1-800-227-2600

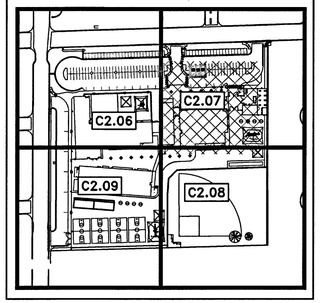
CALL BEFORE YOU DIG FOR OVERHEAD

FAST Call before you UnderGround. 1-702-432-5300 1-702-227-2929 FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

N W E S

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:



PLANNING & DESIGN	DATE
DESIGN MANAGER	
DM MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
DM MANAGER	
REQUIREMENTS	
SITE ADMINISTRATOR	
CODE COMPLIANCE	
AHERA REVIEW	
FSR/VSRR	

ASBESTOS WORK IS: REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID 0001626

PROFESSIONAL ENGINEER STATE OF NEVADA — VERNON R. HARKINS — Exp. 6-30-19 — CIVIL — No. 009696 — SEAL

CCSD PROJECT NO.	
CCSD REVIEW	
APPROVED BY	
DATE	
DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
CCSD PROJECT NO.	SCS-1816

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SC STUDIO

CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.8450

PROJECT: **ELBERT EDWARDS E.S. REPLACEMENT**

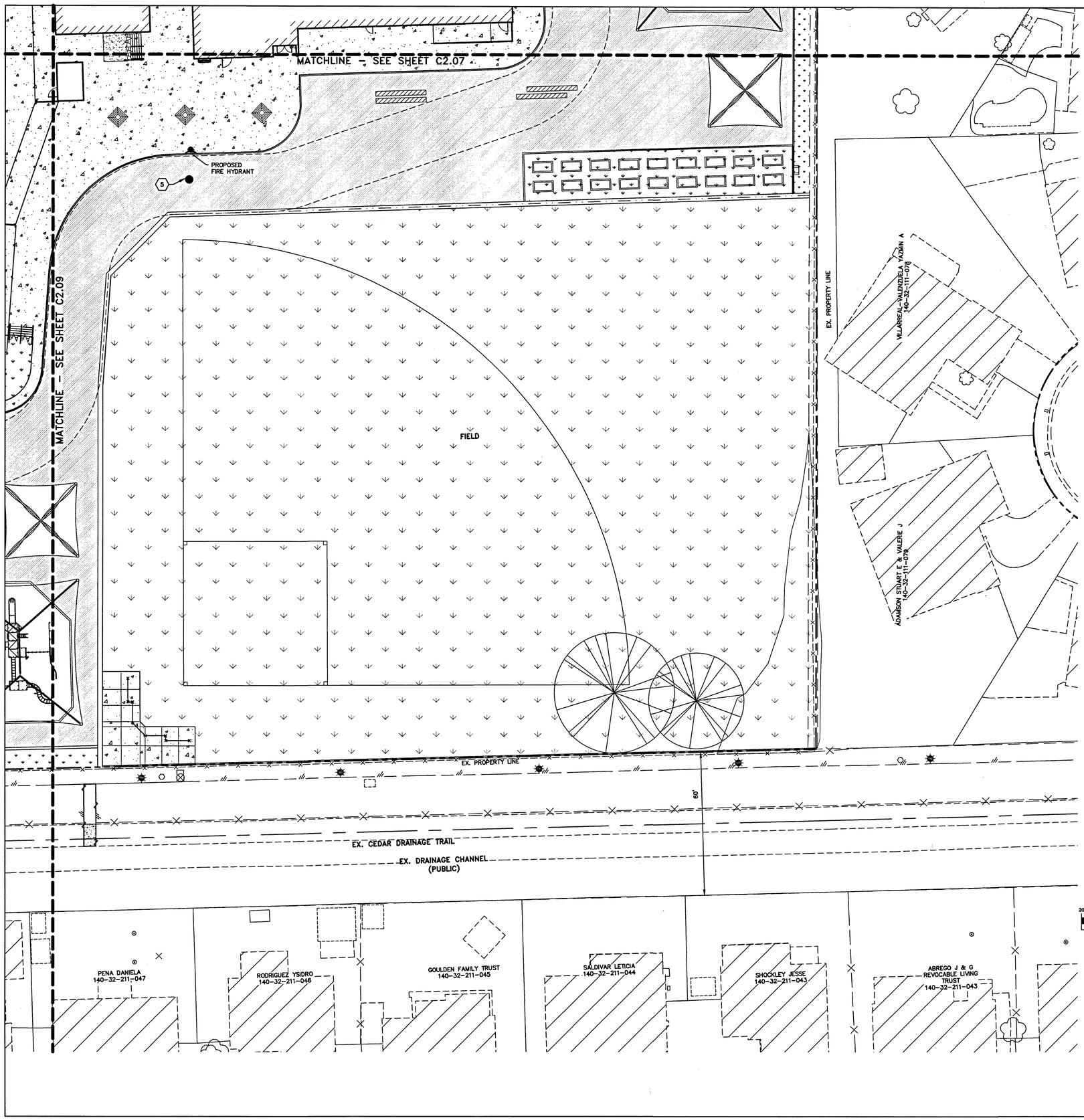
DRAWING TITLE: **SIGNAGE AND STRIPING PLAN (2 OF 4)**

FACILITY: **4551 DIAMOND HEAD DRIVE**

SHEET NO. 13 of 31 VOL. E

C2.07

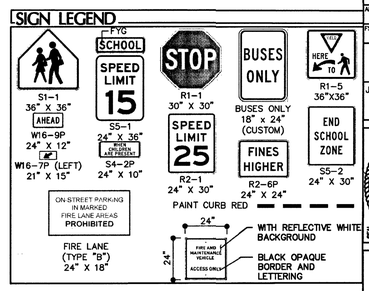
L19-00762
CLV NO. 715-215



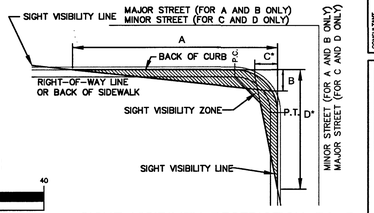
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3. INSTALL ACCESSIBLE PARKING STALLS. REFER TO DETAIL NO. 7 SHEET C8.01
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5. INSTALL BLUE REFLECTIVE RAISED PAVEMENT MARKER PER PLAN
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SIGN LEGEND



CITY TRAFFIC ENGINEER–CITY OF LAS VEGAS DATE



SIGHT VISIBILITY RESTRICTION ZONE
TYPICAL INTERSECTION CORNER N.T.S.

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 inch = 20 ft.
(SCALE VALID AT FULL-SIZE, 24X36, ONLY)

N W E S

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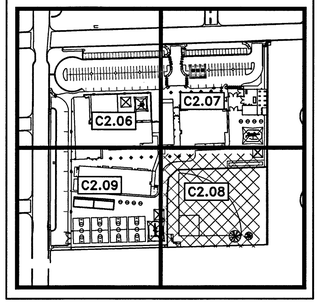
Call before you Dig Avoid cutting underground utility lines. It's easy. Call 811 or 1-800-227-2600

ABOVE OVERHEAD POWER LINES, IT'S CRITICAL! CALL BEFORE YOU DIG OVERHEAD 1-702-227-2929

FAST Call before you UnderGround. 1-702-432-5300 FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:



PLANNING & DESIGN	DATE
DESIGN MANAGER	
DM MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
CM MANAGER	
REQUIREMENTS	
SITE ADMINISTRATOR	
CODE COMPLIANCE	
AHERA REVIEW	
FSR/FSRR	

ASBESTOS WORK IS: REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID 0001626

PROFESSIONAL ENGINEER-STATE OF NEVADA VERNON R. HARKINS Exp. 6-30-19 CIVIL No. 009698

CCSD PROJECT NO.	
CCSD REVIEW	
APPROVED BY	
DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
FX PROJECT NO.	SCS-1816

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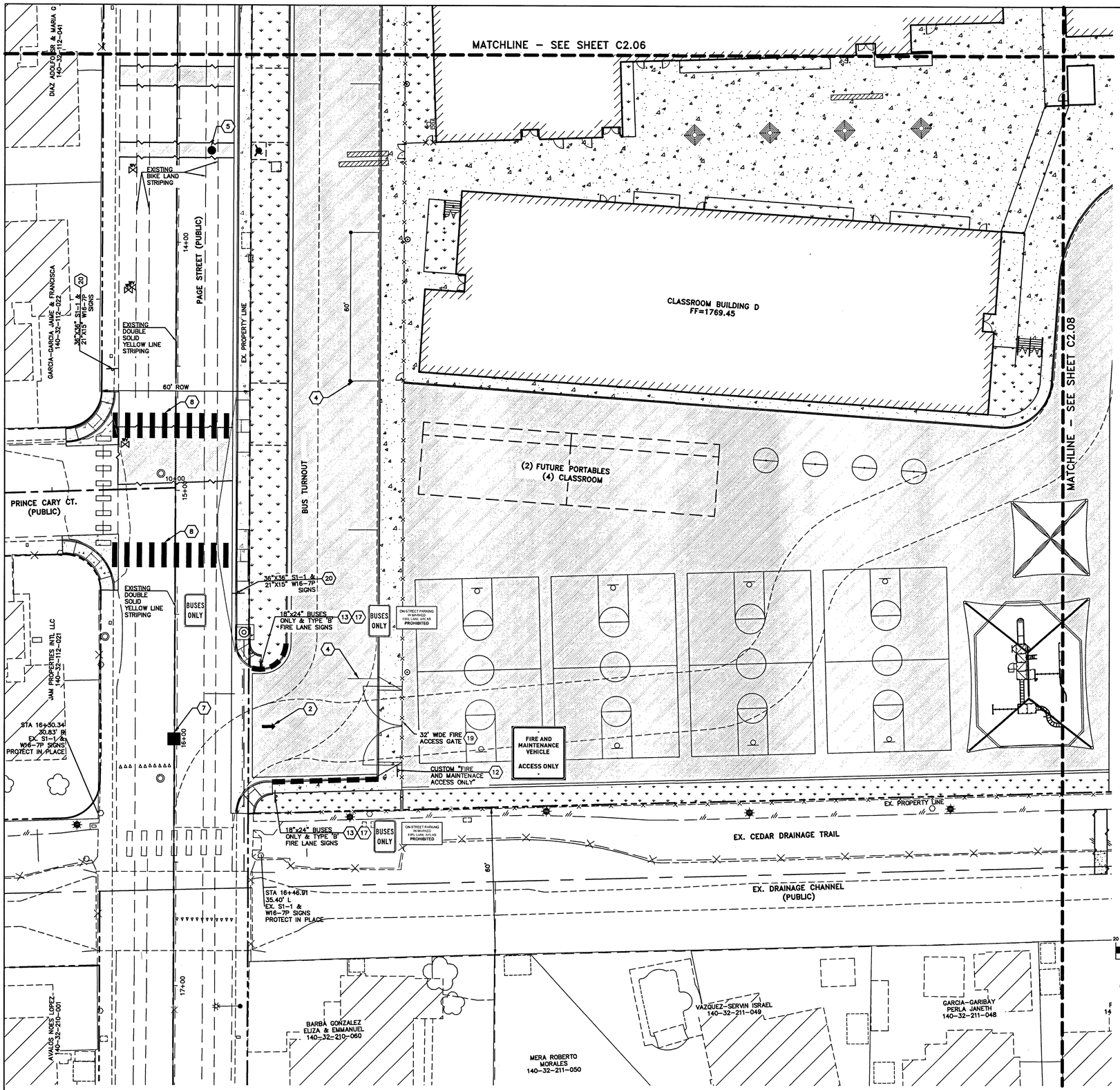
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CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.6450

PROJECT: ELBERT EDWARDS E.S. REPLACEMENT
DRAWING TITLE: SIGNAGE AND STRIPING PLAN (3 OF 4)
FACILITY: 4551 DIAMOND HEAD DRIVE

SHEET NO. 14 of 31 VOL. E

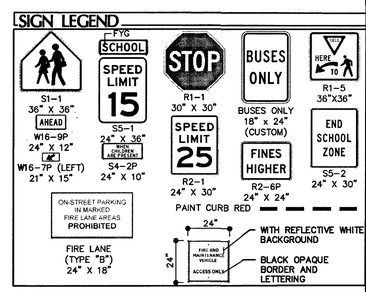
C2.08
L19-00762
CLV NO. 715-215



SIGNAGE & STRIPING NOTES

1. INSTALL R1-1 "STOP SIGN" & POST PER MUTCD (PRIVATELY MAINTAINED)
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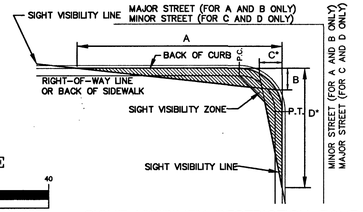


CITY TRAFFIC ENGINEER–CITY OF LAS VEGAS DATE

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20 ft.
(SCALE VALID AT FULL-SIZE, 24X36, ONLY)



SIGHT VISIBILITY RESTRICTION ZONE
TYPICAL INTERSECTION CORNER N.T.S.

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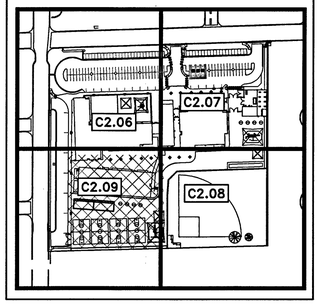
Call before you Dig — Avoid cutting underground utility lines unnecessarily. Call 811 or 1-800-227-2600

ACME HYDRO IMPROVED ROAD LAND FIT DOES [illegible] CALL BEFORE YOU DIG OVERHEAD 1-702-227-2929

FAST — Call before you UnderGround. 1-702-432-5300 FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:



PLANNING & DESIGN	DATE
DESIGN MANAGER	
DM MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
CM MANAGER	
REQUIREMENTS	
SITE ADMINISTRATOR	
CODE COMPLIANCE	
AHERA REVIEW	
FSR/FSRR	

ASBESTOS WORK IS: REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID 0001626

PROFESSIONAL ENGINEER–STATE OF NEVADA — VERNON R. HARKINS — Exp. 6-30-19 — CIVIL — NO. 009898

CCSD PROJECT NO.	
CCSD REVIEW	
APPROVED BY	
DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
FW PROJECT NO.	SCS-1916

CONSULTANT
POGGEMEYER DESIGNGROUP
6980 Sierra Peak, Suite 110
Las Vegas, Nevada 89130
p 702.565.8900
f 702.565.8905
www.poggemeyer.com

STUDIO

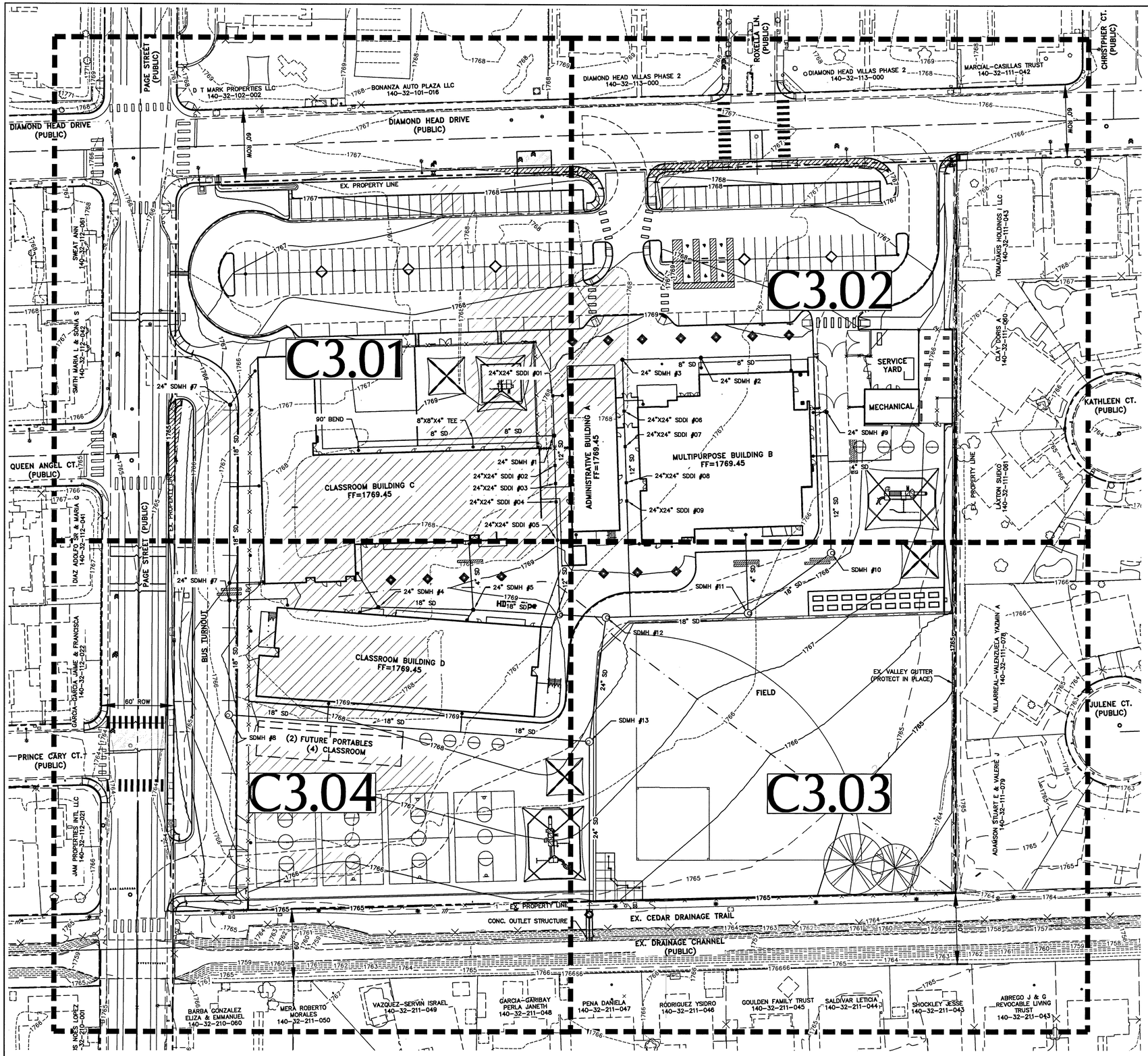
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P: 702-435-1150 F: 702-435-7699
www.simpsoncoulter.com

CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.8450

PROJECT: ELBERT EDWARDS E.S. REPLACEMENT
DRAWING TITLE: SIGNAGE AND STRIPING PLAN (4 OF 4)
FACILITY: 4551 DIAMOND HEAD DRIVE

SHEET NO. 15 of 31 VOL. E

C2.09
L19-00076(2)
CLV NO. 715-215



BENCHMARK:
PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CITY OF LAS VEGAS BENCHMARK: 1LV0232N6 (2008)
NAVD88 ELEVATION: 536.414 METERS (1759.89 FEET)
RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF MARION DRIVE AND MONTEBELLO AVENUE.

SOILS REPORT:
THE SITE SHALL BE GRADED IN ACCORDANCE WITH THE GEOTECHNICAL REPORTS PREPARED BY GEOTECHNICAL & ENVIRONMENTAL SERVICES, INC., PROJECT #20184485E1 AND #20184485E1r, DATED NOVEMBER 2, 2018 AND UPDATED FEBRUARY 6, 2019.

FEMA STATEMENT:
ACCORDING TO FEMA, THE SUBJECT PROPERTY IS LOCATED IN ZONE X, ON FIRM PANEL 32003C 2187F; EFFECTIVE DATE OCTOBER 5, 2018, BASED UPON LATEST LOMR.

BASIS OF BEARINGS:
GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS ZONE, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.

LINEAR UNIT: US SURVEY FOOT (FTUS)

DATUM (REFERENCE FRAME): NAD 83 (2011) EPOCH 2010.00
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)

ZONE: LAS VEGAS

PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORGIN): 36°15'00"N
LONGITUDE OF CENTRAL MERIDIAN:114°58'00"W
NORTHING AT GRID ORIGIN: 200,000.000 M (656,166.6667 FTUS)
EASTING AT CENTRAL MERIDIAN: 100,000.000 M (328,083.3333 FTUS)
SCALE FACTOR ON CENTRAL MERIDIAN; 1.0001 (EXACT)

NOTES:
1. ALL DISTANCES AND BEARINGS SHOWN HEREON ARE PROJECTED (GRID) VALUES BASED ON THE PRECEDING PROJECTION DEFINITION. THE PROJECTION WAS DEFINED SUCH THAT PROJECTED (GRID) DISTANCES ARE EQUIVALENT TO "GROUND" DISTANCES IN THE PROJECT AREA.
2. GRID BEARINGS SHOWN HEREON (OR IMPLIED BY GRID COORDINATES) DO NOT EQUAL GEODETIC BEARINGS DUE TO MERIDIAN CONVERGENCE.

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 inch = 40 ft.
(SCALE VALID AT FULL-SIZE, 24X36, ONLY)

N W E S

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811 Call before you excavate 1-702-227-2929
FAST Call before you UnderGround. 1-702-432-5300

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:

I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY FOR THIS SITE ON FILE AT THE CITY OF LAS VEGAS

VRH 6/6/19
VERNON R. HARKINS, PE #009898 DATE

PLANNING & DESIGN	DATE
DESIGN MANAGER	
QM MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
QM MANAGER	
REQUIREMENTS	
SITE ADMINISTRATOR	
CODE COMPLIANCE	
AHERA REVIEW	
FSR/FSRR	

ASBESTOS WORK IS: REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID
0001626

PROFESSIONAL ENGINEER-STATE OF NEVADA — VERNON R. HARKINS Exp. 6-30-19 CIVIL No. 009898

CCSD PROJECT NO.	
CCSD REVIEW	
APPROVED BY	
DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
V/K PROJECT NO.	SCS-1616

CONSULTANT
POGGEMEYER DESIGNGROUP
6980 Orient Road, Suite 110
Las Vegas, Nevada 89156
p 702.255.8100
f 702.255.8123
www.poggemeyer.com

SCS STUDIO

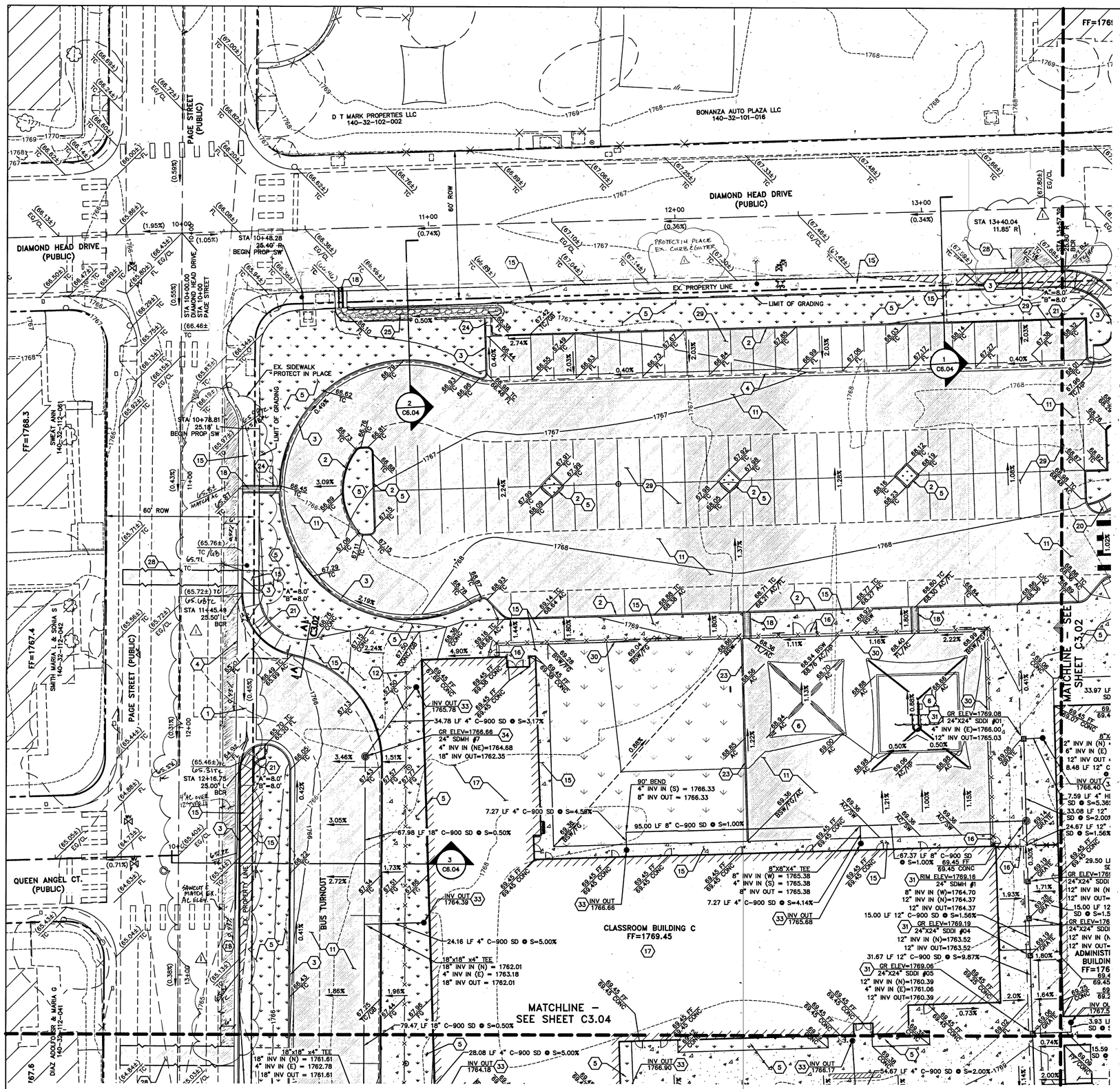
CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.6450

PROJECT: ELBERT EDWARDS E.S. REPLACEMENT
DRAWING TITLE: OVERALL GRADING PLAN
FACILITY: 4551 DIAMOND HEAD DRIVE

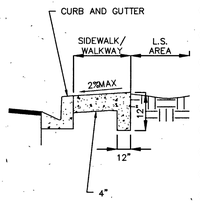
SHEET NO. 16 of 31 VOL. E

C3.00
L19-00762
CLV NO. 715-215

ARCHITECT
Simpson Coulter | STUDIO
PLANNING • ARCHITECTURE • INTERIOR DESIGN
151 East Warm Springs Road
Las Vegas, Nevada 89119
P: 702-435-1150 F: 702-435-7899
www.simpsoncoulter.com



CURB AND GUTTER



CONSTRUCTION NOTES

1. CONSTRUCT COMMERCIAL DRIVEWAY PER CCAUSD DWG. NO. 222.1 & 8' VALLEY GUTTER PER CCAUSD NO. 228
2. CONSTRUCT MODIFIED "A" TYPE CURB PER DETAIL NO. 2 ON SHEET C6.01
3. CONSTRUCT "L" TYPE CURB PER CCAUSD DWG. NO. 216
4. CONSTRUCT 3' VALLEY GUTTER PER DETAIL NO. 3 PER SHEET NO. C6.01
5. PLANTER/LANDSCAPE AREA, REF. TO ARCH. PLANS
6. CONSTRUCT PLAYGROUND EQUIPMENT & STRIPING, REF. ARCH. PLANS
7. INSTALL ACCESSIBLE STALLS PER DETAIL NO. 7 ON SHEET C6.01
8. CONSTRUCT BASKETBALL COURT PER DETAIL NO. 1 ON SHEET C6.03
9. CONSTRUCT SOFTBALL BACKSTOP PER DETAIL NO. 6 SHEET C6.02
10. INSTALL CONCRETE PAVEMENT PER DETAIL NO. 9 ON SHEET C6.01
11. INSTALL HIGH IMPACT A.C. PAVEMENT PER DETAIL NO. 8 ON SHEET C6.01
12. INSTALL C.L. FENCING W/ 12" MOW CURB PER DETAIL NO. 3 ON SHEET C6.02. REF. ARCH PLANS FOR ADD'L DETAILS
13. CONSTRUCT BICYCLE ENCLOSURE, REF. TO ARCH. PLANS
14. CONSTRUCT STAIRS PER ARCH. PLANS AND PLANTERS UNDERNEATH STAIRS PER LANDSCAPE PLANS.
15. CONSTRUCT SIDEWALK (AS SHOWN) PER CCAUSD DWG. NO. 234. REF. ARCHITECTURAL SHEETS FOR CONCRETE PATTERN
16. INSTALL ACCESS GATE. REF. ARCH. PLANS.
17. CONTRACTOR TO REFER TO ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS
18. INSTALL SIDEWALK DRAIN PER CCAUSD DWG. NO. 236.
19. CONSTRUCT 2' VALLEY GUTTER PER DETAIL NO. 3 PER SHEET NO. C6.03
20. CONSTRUCT SIDEWALK RAMP CASE III PER CCAUSD DWG. NO. 235
21. CONSTRUCT SIDEWALK RAMP CASE I PER CCAUSD DWG. NO. 235
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23. INSTALL 12" MOW CURB PER DETAIL NO. 11 ON SHEET NO. C6.01
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25. INSTALL RIP-RAP PER DETAIL "1" SHEET C6.01.
26. CONSTRUCT 0" TO 6" CURB TRANSITION(L=5' MIN.)
27. CONSTRUCT 0" DEPRESS CURB PER DETAIL "6" SHEET C6.01.
28. SAWCUT EXISTING AC – AC PATCH TO MATCH EXISTING AC SECTION TRENCH BACKFILL PER CCAUSD No. 503
29. INSTALL LOW IMPACT A.C. PAVEMENT PER DETAIL NO. 8 ON SHEET C6.01
30. INSTALL C.L. FENCING W/ POST EMBEDDED IN SIDEWALK PER DETAIL NO. 6 ON SHEET C6.02. REF. ARCH PLANS FOR ADD'L DETAILS
31. INSTALL 6" MOW CURB PER DETAIL NO. 7 ON SHEET NO. C6.02

STORM NOTES

31. INSTALL 24" X 24" JENSEN (OR EQUAL) PRECAST INLET W/ PEDESTRIAN GRATE PER DETAIL NO. 1 ON SHEET C6.02
32. INSTALL 36" X 36" JENSEN (OR EQUAL) PRECAST INLET W/ PEDESTRIAN GRATE PER DETAIL NO. 2 ON SHEET C6.02
33. INSTALL CLEANOUT PER DCSWCS DWG. NO. SD-26
34. INSTALL 24" JENSEN PRECAST NO. 200 DROP INLET W/ SOLID LID PER DETAIL NO. 4 ON SHEET C6.02
35. INSTALL 48" TYPE 1 SDMH PER CCAUSD DWG. NO. 403
36. INSTALL 60" TYPE 1 SDMH PER CCAUSD DWG. NO. 403

NOTE:

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS SHOWN AND TO REPLACE ALL SURVEY MONUMENTATION DAMAGED, DISTURBED, DESTROYED, OR OBSCURED DURING CONSTRUCTION

BASIS OF BEARINGS:

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

LINEAR UNIT: US SURVEY FOOT (FTUS)

DATUM (REFERENCE FRAME): NAD 83 (2011) EPOCH 2010.00
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)

ZONE: LAS VEGAS

PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORGIN): 36°15'00"N
LONGITUDE OF CENTRAL MERIDIAN: 114°58'00"W
NORTHING AT GRID ORIGIN: 200,000.000 M (656,166.6667 FTUS)
EASTING AT CENTRAL MERIDIAN: 100,000.000 M (328,083.3333 FTUS)
SCALE FACTOR ON CENTRAL MERIDIAN; 1.0001 (EXACT)

NOTES:
1. ALL DISTANCES AND BEARINGS SHOWN HEREON ARE PROJECTED (GRID) VALUES BASED ON THE PRECEDING PROJECTION DEFINITION. THE PROJECTION WAS DEFINED SUCH THAT PROJECTED (GRID) DISTANCES ARE EQUIVALENT TO "GROUND" DISTANCES IN THE PROJECT AREA.
2. GRID BEARINGS SHOWN HEREON (OR IMPLIED BY GRID COORDINATES) DO NOT EQUAL GEODETIC BEARINGS DUE TO MERIDIAN CONVERGENCE.

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20 ft.
(SCALE VALID AT FULL-SIZE, 24X36, ONLY)

N W E S

DISCLAIMER NOTE

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Call before you Dig — Call 811 — 1-800-227-2600

CALL BEFORE YOU DIG OVERHEAD — 1-702-227-2929

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

BENCHMARK:
PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CITY OF LAS VEGAS BENCHMARK: 1LV02326N6 (2008)
NAVD88 ELEVATION: 536.414 METERS (1759.89 FEET)
RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF MARION DRIVE AND MONTEBELLO AVENUE.

SOILS REPORT:
THE SITE SHALL BE GRADED IN ACCORDANCE WITH THE GEOTECHNICAL REPORTS PREPARED BY GEOTECHNICAL & ENVIRONMENTAL SERVICES, INC., PROJECT #20184485E1 AND #20184485E1r, DATED NOVEMBER 2, 2018 AND UPDATED FEBRUARY 6, 2019.

FEMA STATEMENT:
ACCORDING TO FEMA, THE SUBJECT PROPERTY IS LOCATED IN ZONE X, ON FIRM PANEL 32003C 2187F; EFFECTIVE DATE OCTOBER 5, 2018, BASED UPON LATEST LOMR.

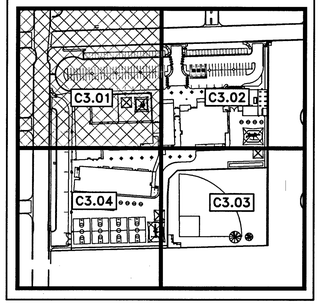
REGISTERED PROFESSIONAL ENGINEER — STATE OF NEVADA — VERNON R. HARKINS — No. 009898 — CIVIL — 6/19/19

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:
1	REMOVE AC DUE TO CURB REMOVAL REQ'D FL	11/13/19	DMB
	GRADES TO REDUCE EX. PLANT AREAS	3/4/20	

I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY FOR THIS SITE ON FILE AT THE CITY OF LAS VEGAS

VERNON R. HARKINS, PE #009898 — DATE 6/6/19



PLANNING & DESIGN	DATE
DESIGN MANAGER	
DM MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
CM MANAGER	
REQUIREMENTS	
SITE ADMINISTRATOR	
CODE COMPLIANCE	
AHERA REVIEW	
FSR/FSRR	

ASBESTOS WORK IS: REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID 0001626

DCSD PROJECT NO.	
DCSD REVIEW	
APPROVED BY	
DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
KYK PROJECT NO.	SCS-1816

NEVADA PROFESSIONAL ENGINEER — STATE OF NEVADA — VERNON R. HARKINS — Exp. 6-30-19 — CIVIL — No. 009898

CONSULTANT: POGGEMEYER DESIGNGROUP — 6490 Shadow Ranch, Suite 110, Las Vegas, Nevada 89118, P) 702.260.8300, F) 702.260.8301, www.poggemeyer.com

ARCHITECT: Simpson Coulter | STUDIO — PLANNING • ARCHITECTURE • INTERIOR DESIGN — 151 East Warm Springs Road, Las Vegas, Nevada 89119, P: 702-435-1150 F: 702-435-7699, www.simpsoncoulter.com

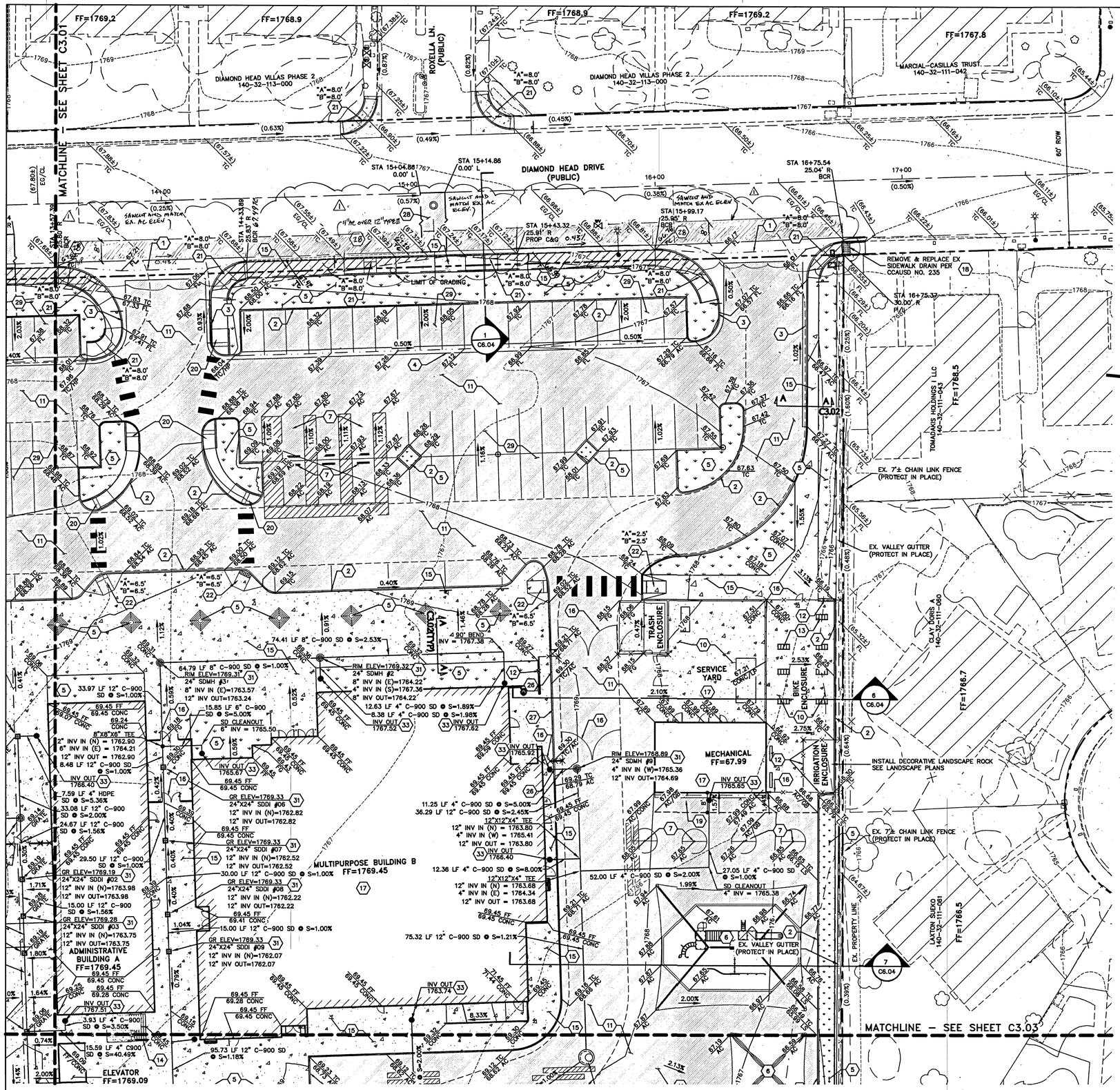
CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.8450

PROJECT: ELBERT EDWARDS E.S. REPLACEMENT
DRAWING TITLE: GRADING PLAN (1 OF 4)
FACILITY: 4551 DIAMOND HEAD DRIVE

SHEET NO. 17 of 31 — VOL. E

C3.01

L19-00762
CLV NO. 715-215



CONSTRUCTION NOTES

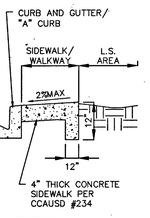
1. CONSTRUCT COMMERCIAL DRIVEWAY PER CCAUSD DWG. NO. 222.1 & 8' VALLEY GUTTER PER CCAUSD NO. 228
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14. CONSTRUCT STAIRS PER ARCH. PLANS AND PLANTERS UNDERNEATH STAIRS PER LANDSCAPE PLANS.
15. CONSTRUCT SIDEWALK (AS SHOWN) PER CCAUSD DWG. NO. 234. REF. ARCHITECTURAL SHEETS FOR CONCRETE PATTERN
16. INSTALL ACCESS GATE. REF. ARCH. PLANS.
17. CONTRACTOR TO REFER TO ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS
18. INSTALL SIDEWALK DRAIN PER CCAUSD DWG. NO. 236.
19. CONSTRUCT 2' VALLEY GUTTER PER DETAIL NO. 3 PER SHEET NO. C6.03
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26. CONSTRUCT 0" TO 6" CURB TRANSITION(L=5' MIN.)
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30. INSTALL C.L. FENCING W/ POST EMBEDDED IN SIDEWALK PER DETAIL NO. 6 ON SHEET C6.02. REF. ARCH PLANS FOR ADD'L DETAILS
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STORM NOTES

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35. INSTALL 48" TYPE 1 SDMH PER CCAUSD DWG. NO. 403
36. INSTALL 60" TYPE 1 SDMH PER CCAUSD DWG. NO. 403

NOTE:

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SECTION "A-A"
TYPICAL SIDEWALK CUT-OFF WALL

BASIS OF BEARINGS:
GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS ZONE, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.

LINEAR UNIT: US SURVEY FOOT (FTUS)

DATUM (REFERENCE FRAME): NAD 83 (2011) EPOCH 2010.00
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)

ZONE: LAS VEGAS

PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORGIN): 36°15'00"N
LONGITUDE OF CENTRAL MERIDIAN: 114°58'00"W
NORTHING AT GRID ORGIN: 200,000.000 M (656,166.6667 FTUS)
EASTING AT CENTRAL MERIDIAN: 100,000.000 M (328,083.3333 FTUS)
SCALE FACTOR ON CENTRAL MERIDIAN: 1.0001 (EXACT)

NOTES:
1. ALL DISTANCES AND BEARINGS SHOWN HEREON ARE PROJECTED (GRID) VALUES BASED ON THE PRECEDING PROJECTION DEFINITION. THE PROJECTION WAS DEFINED SUCH THAT PROJECTED (GRID) DISTANCES ARE EQUIVALENT TO "GROUND" DISTANCES IN THE PROJECT AREA.
2. GRID BEARINGS SHOWN HEREON (OR IMPLIED BY GRID COORDINATES) DO NOT EQUAL GEODETIC BEARINGS DUE TO MERIDIAN CONVERGENCE.

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 inch = 20 ft.
(SCALE VALID AT FULL-SIZE, 24X36, ONLY)

DISCLAIMER NOTE
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CALL BEFORE YOU DIG OVERHEAD — 1-702-227-2929
FAST Call before you UnderGround. 1-702-432-5300

BENCHMARK:
PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CITY OF LAS VEGAS BENCHMARK: 1LV02326 (2008)
NAVD88 ELEVATION: 536.414 METERS (1759.89 FEET)
RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF MARION DRIVE AND MONTEBELLO AVENUE.

SOILS REPORT:
THE SITE SHALL BE GRADED IN ACCORDANCE WITH THE GEOTECHNICAL REPORTS PREPARED BY GEOTECHNICAL & ENVIRONMENTAL SERVICES, INC., PROJECT #20184485E1 AND #20184485E1r, DATED NOVEMBER 2, 2018 AND UPDATED FEBRUARY 6, 2019.

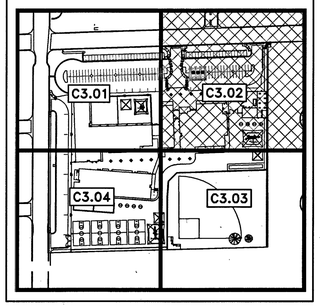
FEMA STATEMENT:
ACCORDING TO FEMA, THE SUBJECT PROPERTY IS LOCATED IN ZONE X, ON FIRM PANEL 32003C 2187F; EFFECTIVE DATE OCTOBER 5, 2018, BASED UPON LATEST LOMR.

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:
1	REMOVE AC WHERE NEW CURB IS TO BE PAVED	11/5/20	VRH

I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY FOR THIS SITE ON FILE AT THE CITY OF LAS VEGAS

VERNON R. HARKINS, PE #009898 — DATE 6-30-19



PLANNING & DESIGN — DATE
DESIGN MANAGER
QM MANAGER

CONSTRUCTION MANAGEMENT
PROJECT MANAGER
QM MANAGER

REQUIREMENTS
SITE ADMINISTRATOR
CODE COMPLIANCE
AHERA REVIEW
FSH/FSRR

ASBESTOS WORK IS: REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID
0001626

PROFESSIONAL ENGINEER — STATE OF NEVADA — VERNON R. HARKINS Exp. 6-30-19 CIVIL No. 009898

CCSD PROJECT NO.	
CCSD REVIEW	
APPROVED BY	
DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
PJT. PROJECT NO.	SCS-1616

CONSULTANT: POGGEMEYER DESIGNGROUP
6980 Sierra Center Pkwy. Suite 110, Reno, Nevada 89511
p) 775.853.8700 f) 775.853.8778
www.poggemeyer.com

STUDIO

ARCHITECT: Simpson Coulter | STUDIO
PLANNING • ARCHITECTURE • INTERIOR DESIGN
151 East Warm Springs Road, Las Vegas, Nevada 89119
P: 702-435-1150 F: 702-435-7699
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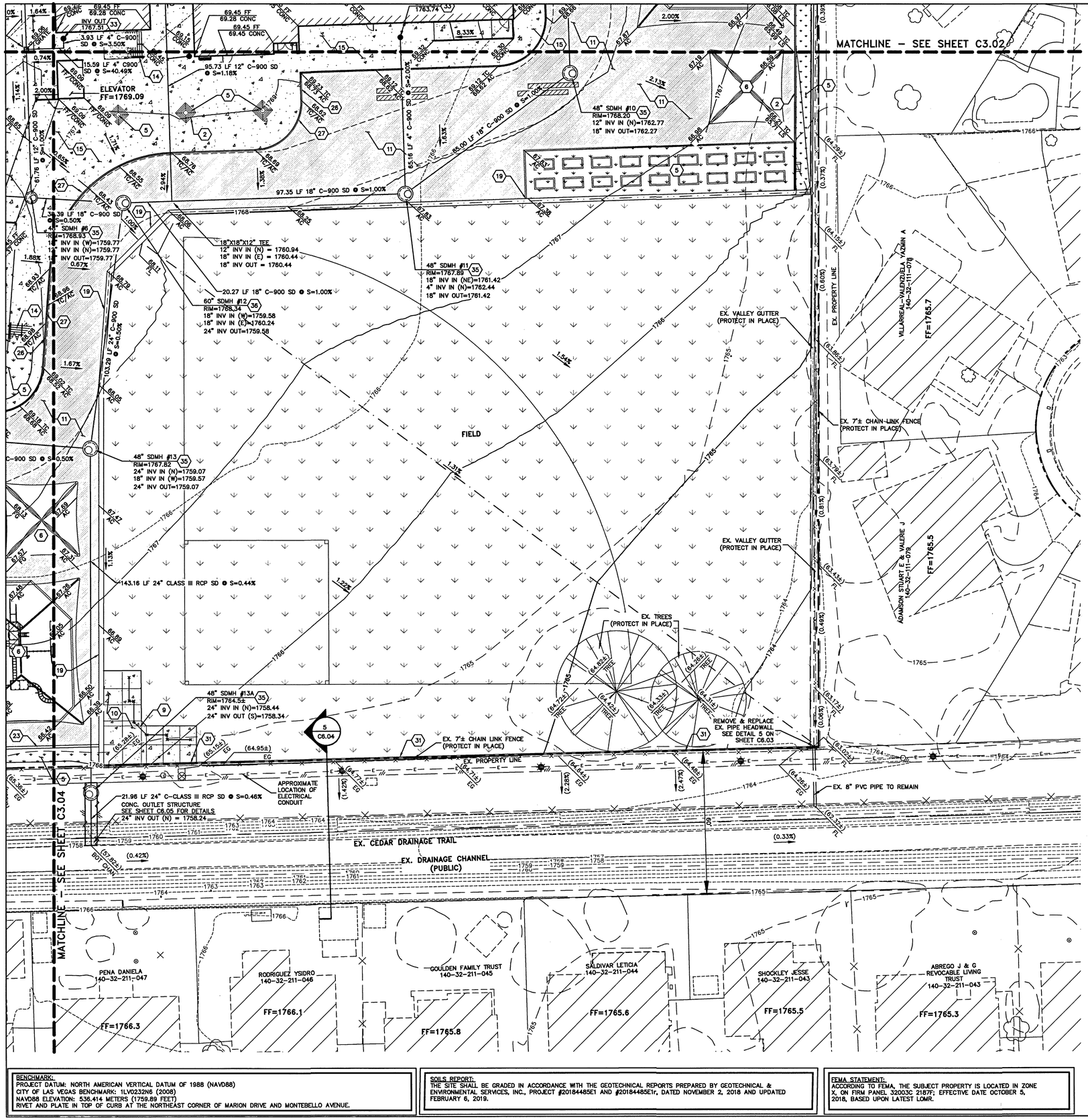
CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.8450

PROJECT: ELBERT EDWARDS E.S. REPLACEMENT
DRAWING TITLE: GRADING PLAN (2 OF 4)
FACILITY: 4551 DIAMOND HEAD DRIVE

SHEET NO. 18 of 31 — VOL. E

C3.02

C19-00762
CLV NO. 715-215



CONSTRUCTION NOTES

1. CONSTRUCT COMMERCIAL DRIVEWAY PER CCAUSD DWG. NO. 222.1 & 8' VALLEY GUTTER PER CCAUSD NO. 228
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31. INSTALL 6" MOW CURB PER DETAIL NO. 7 ON SHEET NO. C6.02

STORM NOTES

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BASIS OF BEARINGS:

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

LINEAR UNIT: US SURVEY FOOT (FTUS)

DATUM (REFERENCE FRAME): NAD 83 (2011) EPOCH 2010.00
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)

ZONE: LAS VEGAS

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SCALE FACTOR ON CENTRAL MERIDIAN; 1.0001 (EXACT)

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GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20 ft.
(SCALE VALID AT FULL-SIZE, 24X36, ONLY)

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD 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 OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Call before you Dig Avoid marking underground utility lines in your vicinity. Call 811 or 1-800-227-2600

AVOID POWER OVERHEAD POWER LINES ITS DEADLY! CALL BEFORE YOU DIG OVERHEAD 1-702-227-2929

FAST Call before you UnderGround. 1-702-432-5300 FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

BENCHMARK:
PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CITY OF LAS VEGAS BENCHMARK: 1LV0232N6 (2008)
NAVD88 ELEVATION: 536.414 METERS (1759.89 FEET)
RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF MARION DRIVE AND MONTEBELLO AVENUE.

SOILS REPORT:
THE SITE SHALL BE GRADED IN ACCORDANCE WITH THE GEOTECHNICAL REPORTS PREPARED BY GEOTECHNICAL & ENVIRONMENTAL SERVICES, INC., PROJECT #20184485E1 AND #20184485E1r, DATED NOVEMBER 2, 2018 AND UPDATED FEBRUARY 6, 2019.

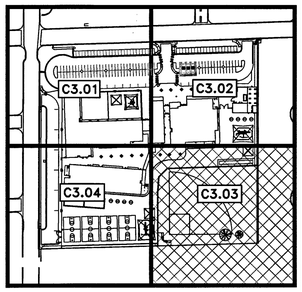
FEMA STATEMENT:
ACCORDING TO FEMA, THE SUBJECT PROPERTY IS LOCATED IN ZONE X, ON FIRM PANEL 32003C 2187F; EFFECTIVE DATE OCTOBER 5, 2018, BASED UPON LATEST LOMR.

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:

I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY FOR THIS SITE ON FILE AT THE CITY OF LAS VEGAS

VERNON R. HARKINS, PE #009898 — DATE 6-6-19



PLANNING & DESIGN — DATE
DESIGN MANAGER
QM MANAGER
CONSTRUCTION MANAGEMENT
PROJECT MANAGER
QM MANAGER
REQUIREMENTS
SITE ADMINISTRATOR
CODE COMPLIANCE
AHERA REVIEW
FSR/FSRR

ASBESTOS WORK IS:
REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID
0001626

SEAL OF PROFESSIONAL ENGINEER – STATE OF NEVADA: VERNON R. HARKINS Exp. 6-30-19 CIVIL No. 009898

CCSD PROJECT NO.	
CCSD REVIEW	
APPROVED BY	
DATE	
DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
A/E PROJECT NO.	SCS-1616

CONSULTANT: POGGEMEYER DESIGNGROUP
8880 Rancho Run, Suite 110
Las Vegas, Nevada 89123
P: 702.255.8570
F: 702.255.8575
www.poggemeyer.com

ARCHITECT: Simpson Coulter | STUDIO
PLANNING • ARCHITECTURE • INTERIOR DESIGN
151 East Warm Springs Road
Las Vegas, Nevada 89119
P: 702-435-1150 F: 702-435-7699
www.simpsoncoulter.com

SC STUDIO

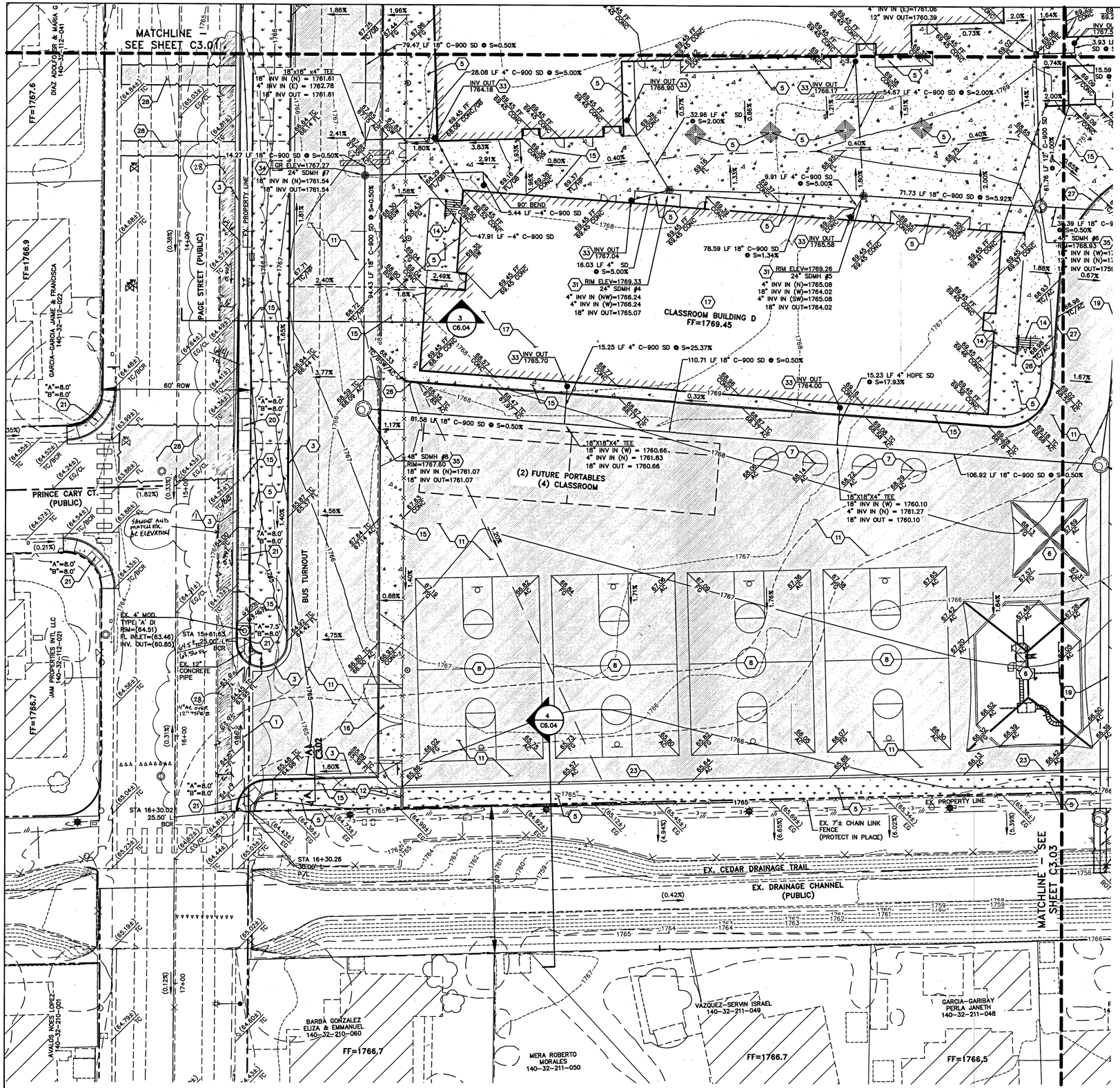
CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.8450

PROJECT: ELBERT EDWARDS E.S. REPLACEMENT
DRAWING TITLE: GRADING PLAN (3 OF 4)
FACILITY: 4551 DIAMOND HEAD DRIVE

SHEET NO. 19 of 31 VOL. E

C3.03

219-00762
CLV NO. 715-215


MATCHLINE – SEE SHEET C3.01
MATCHLINE – SEE SHEET C3.03
PAGE STREET (PUBLIC)
PRINCE CARY CT. (PUBLIC)
60' ROW
BUS TURNOUT
EX. CEDAR DRAINAGE TRAIL
EX. DRAINAGE CHANNEL (PUBLIC)
EX. PROPERTY LINE
EX. 7'± CHAIN LINK FENCE (PROTECT IN PLACE)
CLASSROOM BUILDING D
FF=1769.45
(2) FUTURE PORTABLES (4) CLASSROOM
DIAZ ADOLFO ISER & MARIA G 140-32-112-041
GARCIA-GARCIA MINE & FRANCISCA 140-32-112-042
JAM PROPERTIES NEVADA LLC 140-32-112-028
AVALOS NOE'S LOPEZ 140-32-210-001
BARBA GONZALEZ ELIZA & EMMANUEL 140-32-210-060
MERA ROBERTO MORALES 140-32-211-050
VAZQUEZ-SERVIN ISRAEL 140-32-211-049
GARCIA-GARIBAY PERLA JANETH 140-32-211-048
FF=1766.9
FF=1766.7
FF=1766.5
79.47 LF 18" C-900 SD @ S=0.50%
28.08 LF 4" C-900 SD @ S=5.00%
14.27 LF 18" C-900 SD @ S=0.50%
24" SDMH #7
18" INV IN (N)=1761.54
18" INV OUT=1761.54
18"x18"x4" TEE
18" INV IN (N) = 1761.61
4" INV IN (E) = 1762.78
18" INV OUT = 1761.61
INV OUT 1764.18
INV OUT 1766.90
INV OUT 1766.11
32.98 LF 4" SD @ S=2.00%
54.67 LF 4" C-900 SD @ S=2.00%
9.91 LF 4" C-900 SD @ S=5.00%
71.73 LF 18" C-900 SD @ S=5.92%
90° BEND
5.44 LF -4" C-900 SD
47.91 LF -4" C-900 SD
16.03 LF 4" SD @ S=5.00%
INV OUT 1767.04
78.59 LF 18" C-900 SD @ S=1.34%
INV OUT 1765.58
RIM ELEV=1769.33
24" SDMH #4
4" INV IN (NW)=1766.24
4" INV IN (W)=1766.24
18" INV OUT=1765.07
RIM ELEV=1769.26
24" SDMH #5
4" INV IN (N)=1765.08
18" INV IN (W)=1764.02
4" INV IN (SW)=1765.08
18" INV OUT=1764.02
15.25 LF 4" C-900 SD @ S=25.37%
INV OUT 1765.70
110.71 LF 18" C-900 SD @ S=0.50%
INV OUT 1764.00
15.23 LF 4" HDPE SD @ S=17.93%
81.58 LF 18" C-900 SD @ S=0.50%
48" SDMH #8
RIM=1767.60
18" INV IN (N)=1761.07
18" INV OUT=1761.07
18"X16"X4" TEE
18" INV IN (W) = 1760.66
4" INV IN (N) = 1761.83
18" INV OUT = 1760.66
106.92 LF 18" C-900 SD @ S=0.50%
18"X18"X4" TEE
18" INV IN (W) = 1760.10
4" INV IN (N) = 1761.27
18" INV OUT = 1760.10
EX. 4' MOD. TYPE 'A' DI RIM=(64.51) FL INLET=(63.46) INV. OUT=(60.85)
STA 15+61.63 25.00' L BCR
EX. 12" CONCRETE PIPE
SAWCUT AND MATCH EX. AC ELEVATION
STA 16+30.02 25.50' L BCR
STA 16+30.26 30.00' L P/L
"A"=8.0' "B"=8.0'
"A"=7.5' "B"=8.0'
1.86%
1.96%
2.41%
1.80%
3.83%
2.91%
1.58%
1.81%
2.40%
2.49%
1.85%
3.77%
1.67%
1.17%
4.56%
1.40%
4.75%
1.80%
0.88%
1.71%
1.20%
0.74%
2.00%
0.73%
1.64%
1.88%
0.67%
1.33%
1.80%
2.00%
0.40%
0.80%
0.57%
0.86%
1.51%
1.14%
0.32%
1.76%
1.65%
1.00%
0.50%
1.33%
1.34%
5.92%
5.00%
2.00%
1.00%
0.50%
25.37%
17.93%
0.50%
0.50%
0.50

C5.01

C5.02

C5.03

C5.04

DIAMOND HEAD DRIVE (PUBLIC) (PAVED)

PAGE STREET (PUBLIC) (PAVED)

ROTELLA CT. (PUBLIC)

CHRISTPHER CT. (PUBLIC)

KATHLEEN CT. (PUBLIC)

QUEEN ANGEL CT. (PUBLIC)

PRINCE CARY CT. (PUBLIC)

JULENE CT. (PUBLIC)

CLASSROOM BUILDING C FF=1769.45

ADMINISTRATIVE BUILDING A FF=1769.45

MULTIPURPOSE BUILDING B FF=1769.45

CLASSROOM BUILDING D FF=1769.45

(2) FUTURE PORTABLES (4) CLASSROOM

SERVICE YARD

MECHANICAL

IRRIG. ENCL.

D T MARK PROPERTIES LLC 140-32-102-002

BONANZA AUTO PLAZA LLC 140-32-101-016

DIAMOND HEAD VILLAS PHASE 2 140-32-113-000

MARCIAL-CASILLAS TRUST 140-32-111-042

TOMADAKIS HOLDINGS I LLC 140-32-111-043

CLAY DORIS A 140-32-111-080

LAYTON SUEKO 140-32-111-081

WILLARREAL-VALENZUELA YAZMIN A 140-32-111-078

ADAMSON STUART E. & VALERIE J 140-32-111-079

(JAM PROPERTIES 3HL LLC 140-32-112-021)

DIAZ ADOLFO SR & MARIA G 140-32-112-041

GARCIA-GARCIA JANE & FRANCISCA 140-32-112-022

SWEAT ANN 140-32-112-061

SMITH MARIA 140-32-112-042

BARBA GONZALEZ ELIZA & EMMANUEL 140-32-210-060

MERA ROBERTO MORALES 140-32-211-050

VAZQUEZ-SERVIN ISRAEL 140-32-211-049

GARCIA-GARIBAY PERLA JANETH 140-32-211-048

PENA DANIELA 140-32-211-047

RODRIGUEZ YSIDRO 140-32-211-046

GOULDEN FAMILY TRUST 140-32-211-045

SALDIVAR LETICIA 140-32-211-044

SHOCKLEY JESSE 140-32-211-043

ABREGO J & G REVOCABLE LIVING TRUST 140-32-211-043

EX. 8" SS (PUBLIC)

EX. 8 VCP SS (PUBLIC)

EX. 6" SS (PUBLIC)

EX. 8" VCP SS (PUB)

EX. 6" VCP SS (PUB)

EX. 8" ACP WL

EX. 6" ACP WL

EX. 2" P.E. WR PE 8525

EX. 2" P.E. WR 9509332012

EX. 3" P.E. WR PE 6374

EX. 2" P.E. WR PE 6574

EX. 2" P.E. WR PE 6375

EX. 2" P.E. WR PE 6376

EX. 2" P.E. WR PE 6377

EX. 2" P.E. WR PE 6378

EX. 2" P.E. WR PE 6379

EX. 2" P.E. WR PE 6380

EX. 2" P.E. WR PE

DIAMOND HEAD DRIVE (PUBLIC)

PAGE STREET (PUBLIC)

D T MARK PROPERTIES LLC
140-32-102-002

BONANZA AUTO PLAZA LLC
140-32-101-016

EX. SSMH: 48" SSMH
PAGE ST STA 10+08.10, 5.6'R
RIM=1768.2± ↓
8" INV IN (N)=1760.25
8" INV OUT=1760.25

STA 10+00.00
DIAMOND HEAD DRIVE
STA 10+00
PAGE STREET

EX 335.48 LF 8" SS @ 0.68%

EX 192.49 LF 8" SS @ 0.77%

EX 207.14 LF 8" SS @ 0.40%

EX 235.33 LF 8" SS @ 0.37%

EX 219.64 LF 8" SS @ 0.53%

EX. 6" ACP WL (PUBLIC)

EX. 6" ACP WL X1320 (PUBLIC)

EX. 6" ACP WL X2073

EX. 2" P.E. MAIN WR PE 8525.

EX. 2" P.E. GAS MAIN WR PE 6374

EX. 2" P.E.

EX. 2" P.E. MAIN WR 9509332012

EX. 2-2" PVC

EX. 1-4" PVC

EX. 1-2" PVC

EX. 3-4" PVC

EX. 2-4" PVC

EX. 6" ACP X1729 WL (PUBLIC)

EX. 6" ACP X1320 WL (PUBLIC)

EX. PROPERTY LINE

60' ROW

10.77

13.10 LF 10" PVC W (FIRE) PRIVATE

+41.93
27.29'R
EX. FIRE HYDRANT

EX 6" METER W/RPPA
ACCT 562865

EX. 6" PVC X4337 WL (PUBLIC)

STA 13+57.39
25.80' R
BCR

+09.04 ESMT.
30.00'R
19.20'R

+16.54
19.20'R

+30.04
19.20'R

+35.04
19.20'R

+40.04 ESMT.
30.00'R

15'X31' LVVWD EASEMENT
PER DOC #

CURB STOP

FF=1768.3

SWR-1 MAIN
140-32-112-001

FF=1767.4

SMITH MARIA L & SONIA S
140-32-112-002

ADOLFO SR & MARIA G
140-32-111-041

DIAZ ADOLFO SR & MARIA G
140-32-111-041

FF=1765.5

FF=1761.5

MODIFY MANHOLE BASE TO FORM SMOOTH CHANNEL

ABANDON EX. SS LATERAL PER DCSWCS 3.18.1b @ P (PRIVATE)

EX. SSMH: 48" SSMH
PAGE ST STA 12+15.24, 5.8'R
RIM=1765.38
8" INV IN (N)=1759.42
8" INV OUT=1759.42

STA 12+16.75
25.00' L
BCR

EX. SSMH: 48" SSMH
PAGE ST STA 12+57.80, 6.0'R
RIM=1765.2±
8" INV IN (N)=1759.42
8" INV OUT=1759.42

EX. 8"X6" REDUCER

QUEEN ANGEL CT. (PUBLIC)

BUS TURNOUT

204.15 LF 10" PVC C-900 W (FIRE) PRIVATE

18"x18"x4" TEE

4" C-900 SD (PRIVATE)

24" SDMH #7

18" C-900 SD (PRIVATE)

12" C-900 SD (PRIVATE)

SDCO

42.56 LF 8" SS @ 0.00%

SS 8" TOP=1760.39
W 6" INV=1761.64

SS 8" TOP=1759.81
W 6" INV=1760.81

54.31 LF 6" PVC C-900

55.07 LF 6" PVC C-900

+39.30
19.31'R

+70.53
17.67'R

+55.15
17.98'R

+32.92
19.38'R

+36.32 ESMT.
30.00'L

+39.32
35.00'L

+42.32 ESMT.
30.00'L

STA 11+45.49
25.50' L
BCR

+29.42 ESMT.
30.00'L

8'X6' LVVWD EASEMENT
PER DOC #

46.34 LF 10" PVC C-900 W (FIRE) PRIVATE

13.22 LF 6" PVC W (FIRE) PRIVATE

28.78 LF 10" PVC C-900 W (FIRE) PRIVATE

199.21 LF 10" PVC C-900 W (FIRE) PRIVATE

131.31 LF 10" PVC C-90

103.70 LF 10" PVC C-900 W (FIRE) PRIVATE

99.20 LF 4" PVC C-900 W (IRR) PRIVATE

16'

18'

SEE SHEET C5.02

MATCHLINE

LVVWD approval is valid for one (1) year from signature date. If construction is not started, plans MUST be resubmitted for review and approval.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 136279 FIRST APPROVED DATE: 6/24/19
LVVWD APPROVED FIRE FLOW: TOTAL 2875 GPM/ONSITE 2000 GPM

CLV FIRE — 6/26/19 DATE

STATE FIRE MARSHAL — DATE

CLASSROOM BUILDING C
FF=1769.45

PROP. 48" SSMH #2:
N:627335.64, E:295911.22
RIM=1767.1±
8" INV IN (E)=1760.26
8" INV OUT (S)=1760.06

18"x18" x4" TEE
FG=1767.1±
SD 18" INV=1761.58
W 10" INV=1758.62
SD 18" INV=1761.56
W 4" INV=1759.39

1761.95
INV.

MATCHLINE – SEE SHEET C5.04

14.91 LF 6" C-900 PVC SS @ 6.29% (PRIVATE)

37.56 LF 4" PVC W

2.30 LF 8 PVC C-900 W (FIRE) PRIVATE

20.00 LF 4" PVC W (DOM) PRIVATE

SD 12" TOP=1761.24

22.00 LF 2" PVC W (DOM) PRIVATE

SD CLEANOUT

24"X24" SDDI #01

24"X24" SDDI #02

24"X24" SDDI #03

24"X24" SDDI #04

24"X24" SDDI #05

8"X8"X4" TEE

90° BEND

8" C-900 SD (PRIVATE)

24" SDMH

12" C-900 SD (PRIVATE)

4" C-900 SD (PRIVATE)

SD CLEANOUT

8" SS CL
8" INV OUT =

4" INV OUT = 1763.37

4" C-900 SD (PRIVATE)

SDCO

4" C-90

FH @ PAGE ST. STA. 11+558
FIRE HYDRANT RELOCATION AND LATERAL ABANDONMENT
EXISTING LATERAL TO BE ABANDONED
IF THE EXISTING FIRE HYDRANT IS INCORRECTLY LOCATED OR NOT TO BE USED WITH THIS PROJECT, THIS PROJECT SHALL REMOVE THE FIRE HYDRANT AND ABANDON THE LATERAL AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH UDACS SECTION 2.21.06 B, AND COORDINATE WITH THE LVVWD INSPECTOR.

FH @ PAGE ST. STA. 14+17±
FIRE HYDRANT RELOCATION AND LATERAL ABANDONMENT
IF THE EXISTING FIRE HYDRANT IS INCORRECTLY LOCATED OR NOT TO BE USED WITH THIS PROJECT, THIS PROJECT SHALL REMOVE THE FIRE HYDRANT AND ABANDON THE LATERAL AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH UDACS SECTION 2.21.06 B, AND COORDINATE WITH THE LVVWD INSPECTOR.

ABANDONMENT OF EXISTING LARGE SERVICE
IF ANY OF THE EXISTING LARGE SERVICES ARE INCORRECTLY LOCATED OR NOT TO BE USED WITH THIS PROJECT, THIS PROJECT SHALL ABANDON THE LATERALS AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH UDACS SECTION 2.17.04 B, AND COORDINATE WITH THE LVVWD INSPECTOR.

ABANDONMENT OF LARGER VAULT
CONTRACTOR TO REMOVE AND DISPOSE OF THE EXISTING REINFORCED ROOF SLAB, VAULT ACCESS AND COLLAR AROUND THE ACCESS AND DEMO THE TOP 12" - 24" OF VAULT. THE EXISTING VAULT INTERIOR SHALL BE FILLED COMPLETELY WITH TYPE II COMPACTED TO 90% OR CLASS I CLSM.

TO ENSURE LVVWD ACCESS WITHIN EASEMENT
ALL ABOVE GROUND OBSTRUCTIONS INCLUDING BUT NOT LIMITED TO, LANDSCAPE BOULDERS, FENCES / WALLS, AND SIGNS ARE STRICTLY PROHIBITED WITHIN EASEMENT.

NOTE:
1. LVVWD CANNOT GUARANTEE WATER TIGHT SHUTDOWN WHERE CONNECTION OR REPAIRS TO EXISTING FACILITIES ARE REQUIRED. THE CONTRACTOR SHALL ENSURE ALL LABOR AND EQUIPMENT IS AVAILABLE TO REMOVE REMAINING WATER. COORDINATION WITH INSPECTION DIVISION MUST TAKE PLACE PRIOR TO ANY TRIAL SHUT DOWN.
2. CONTRACTOR TO INSTALL TEMPORARY SERVICE TO ENSURE PROPER SHUT DOWN IN THE EVENT NO OTHER APPURTENANCES ARE AVAILABLE.
3. PROTECT IN PLACE AND ADJUST LVVWD EXISTING FACILITIES TO FINISHED GRADE PER UDACS. ALL LVVWD FACILITIES SHALL BE ACCESSIBLE AT ALL TIMES.
4. DISPOSAL OF ASBESTOS CEMENT PIPE (ACP) SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
5. THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL, ON-SITE (PRIVATE), PRESSURE-REDUCING VALVES (PRV) BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRV'S ARE THE DEVELOPER'S RESPONSIBILITY, AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVVWD FACILITIES.

DRY UTILITY NOTE:
A MINIMUM CLEARANCE OF 3' HORIZONTALLY AND 1' VERTICALLY MUST BE KEPT BETWEEN WET AND DRY UTILITIES

GENERAL UTILITY NOTES:
1. REFER TO PLUMBING PLANS FOR CONTINUATION OF WATER & SANITARY SEWER LINES INTO BUILDINGS
2. CONTRACTOR TO VERIFY VERTICAL ELEVATION OF 2" GAS MAIN PRIOR TO CONSTRUCTION ACTIVITIES

BASIS OF BEARINGS:
GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS ZONE, NORTH AMERICAN DATUM OF 1983, SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.

LINEAR UNIT: US SURVEY FOOT (FTUS)

DATUM (REFERENCE FRAME): NAD 83 (2011)
EPOCH: 2010.00
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)

ZONE: LAS VEGAS

PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORGIN): 36°15'00"N
LONGITUDE OF CENTRAL MERIDIAN: 114°58'00"W
NORTHING AT GRID ORIGIN: 200,000.000 M (656,166.6667 FTUS)
EASTING AT CENTRAL MERIDIAN: 100,000.000 M (328,083.3333 FTUS)
SCALE FACTOR ON CENTRAL MERIDIAN; 1.0001 (EXACT)

NOTES:
1. ALL DISTANCES AND BEARINGS SHOWN HEREON ARE PROJECTED (GRID) VALUES BASED ON THE PRECEDING PROJECTION DEFINITION. THE PROJECTION WAS DEFINED SUCH THAT PROJECTED (GRID) DISTANCES ARE EQUIVALENT TO "GROUND" DISTANCES IN THE PROJECT AREA.
2. GRID BEARINGS SHOWN HEREON (OR IMPLIED BY GRID COORDINATES) DO NOT EQUAL GEODETIC BEARINGS DUE TO MERIDIAN CONVERGENCE.

NOTE:
DISPOSAL OF ASBESTOS CEMENT PIPE(ACP) SHALL BE ACCORDANCE WITH ALL LOCAL STATE, AND FEDERAL REGULATION.

6-13-19
SOUTHWEST GAS CORPORATION — DATE

THE DATA CONTAINED HEREIN IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. SOUTHWEST GAS CORPORTAION MAKES NO WARRANTIES AND DOES NOT GUARANTEE THE CORRECTNESS, COMPLETENESS, OR USEFULNESS FOR ANY LOSS OR DAMAGE HOWEVER ARISING FROM THE USE OF OR RELIANCE ON THE DATA PROVIDED. THE FIELD LOCATION AND DEPTH OF ALL SOUTHWEST GASS FACILITIES SHOULD BE VERIFIED.

WATER NOTES

41. INSTALL 4" GATE VALVE PER UDACS PLATE NO. 30
42. INSTALL 6" GATE VALVE PER UDACS PLATE NO. 30
43. INSTALL 8" GATE VALVE PER UDACS PLATE NO. 30
44. INSTALL 10" GATE VALVE PER UDACS PLATE NO. 30
45. INSTALL 4" 45° BEND PER UDACS PLATE NO. 31
46. IINSTALL 8"x6" TAPPING SLEEVE AND TAPPING VALVES PER UDACS PLT #34 & 39 AND 2.24.01A
47. INSTALL 6" 45° BEND PER UDACS PLATE NO. 31
48. INSTALL 6" 90° BEND PER UDACS PLATE NO. 31
49. INSTALL 4"X2" REDUCER PER UDACS PLATE NO. 30
50. INSTALL 8" 90° BEND PER UDACS PLATE NO. 31
51. INSTALL 10" 45° BEND PER UDACS PLATE NO. 31
52. INSTALL 10" 90° BEND PER UDACS PLATE NO. 31
53. INSTALL 4" TEE PER UDACS PLATE NO. 31
54. INSTALL 6" X 10" REDUCER PER UDACS PLATE NO. 30
55. INSTALL 8" TEE PER UDACS PLATE NO. 31
56. INSTALL 10" TEE PER UDACS PLATE NO. 31
57. INSTALL 10" X 6" TEE PER UDACS PLATE NO. 31
58. INSTALL 6" TEE PER UDACS PLATE NO. 31
59. INSTALL 10" X 8" REDUCER PER UDACS PLATE NO. 30
60. INSTALL 2" METER W/ SERVICE SADDLE & CORPORATE STOP ASSEMBLY PER UDACS PLATE #4
61. INSTALL 4" 90° BEND PER UDACS PLATE NO. 31
62. INSTALL 6" X 4" REDUCER PER UDACS PLATE NO. 30
63. INSTALL 8" X 6" REDUCER PER UDACS PLATE NO. 30
64. INSTALL FIRE HYDRANT ASSEMBLY W/ 6" GATE VALVE PER UDACS PLATE NO. 40
65. INSTALL 8" RPDA IN ABOVE GROUND INSULATED ENCLOSURE PER UDACS PLATE NO. 56
66. FDC–REFER TO MECHANICAL/FIRE SPRINKLER PLANS FOR CONNECTION
67. INSTALL POST INDICATOR VALVE (PIV) W/ TAMPER SWITCH A MIN. OF 5' FROM BUILDING
68. INSTALL 2" RPPA IN ABOVE GROUND INSULATED ENCLOSURE PER UDACS PLATE NO. 8 & DETAIL 7 SHEET C6.02
69. INSTALL 4" METER (OCTAVE) AND 6" RPPA ASSEMBLY PER INSTALLATION DETAIL "5", SHEET C6.03. SHOP DRAWINGS FOR ALL BACKFLOW COVERS, INCLUDING OCTAVE METERS LARGER THAN 2" SHALL BE REVIEWED BY LVVWD.
70. INSTALL 4" X 2" TEE PER UDACS PLATE NO. 31
71. INSTALL 4" X 2 1/2" TEE PER UDACS PLATE NO. 31
72. INSTALL 5' BEND (SIZE PER PLAN) PER UDACS PLATE NO. 31
73. PROVIDE A MINIMUM OF 18" VERTICAL CLEARANCE BETWEEN WATER AND SEWER/ STORM DRAIN LINES WITH SEWER/ STORM DRAIN LINES BEING BELOW WATER LINES (TYP)
74. CONTRACTOR TO PROVIDE A MINIMUM OF 3.5' OF COVER ABOVE TOP OF PIPE, BASED ON FINISH GRADE FOR ON–SITE WATER LINES. OFF–SITE PUBLIC WATER LINE IN RIGHT–OF–WAY TO BE A MINIMUM 4.0' OF COVER BASED ON FINISH GRADE, REFER TO UDACS SECTION 2.08. FOR ADDITIONAL INFORMATION.
75. INSTALL PIPE CASING FOR WATER LINES PER UDACS PLATE NO. 22 & 23
76. PROVIDE A MINIMUM OF 18" VERTICAL CLEARANCE BETWEEN ENCASED WATER AND SEWER/STORM DRAIN LINES WITH SEWER/STORM DRAIN LINES ABOVE ENCASED WATER LINES.
77. INSTALL 2–1/2" 90° BEND PER UDACS PLATE NO. 31
78. NOT USED
79. EXISTING GATE VALVE TO BE ABANDONED.

SEWER NOTES

81. INSTALL STANDARD ECCENTRIC MANHOLE (48" DIA.) PER DCSWCS DWG. NO. SD–1A & SD–1B
82. INSTALL STANDARD ECCENTRIC MANHOLE (60" DIA.) PER DCSWCS DWG. NO. SD–1A & SD–1B
83. INSTALL 4" SS LATERAL FOR CONNECTION TO BLDG REFER TO MECHANICAL PLANS
84. INSTALL 4" LATERAL CLEANOUT PER DCSWCS DWG. NO. SD–26
85. CONNECT TO EXISTING MANHOLE.
86. INSTALL JENSEN 750 GALLON GREASE INTERCEPTOR W/ ODOR CONTROL MANHOLE COVERS PER DCSWCS SECTION 4.10.01. SEE DETAIL 4 ON SHEET C6.03. REFER TO PLUMBING SHEETS FOR ADDT'L DETAILS.
87. INSTALL SAMPLE BOX. REFER TO PLUMBING SHEETS FOR ADDT'L DETAILS.
88. INSTALL WYE LATERAL CONNECTION PER DCSWCS DWG. NO. SD–22

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 inch = 20 ft.
(SCALE VALID AT FULL–SIZE, 24X36, ONLY)

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD 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 OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

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CALL BEFORE YOU DIG OVERHEAD
1-702-227-2929

FAST
Call before you UnderGround.
1-702-432-5300
FREIGHT AND SYSTEMS, INSTITUTE OF TRANSPORTATION

BENCHMARK:
PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CITY OF LAS VEGAS BENCHMARK: 1LV02326N6 (2008)
NAVD88 ELEVATION: 536.414 METERS (1759.89 FEET)
RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF MARION DRIVE AND MONTEBELLO AVENUE.

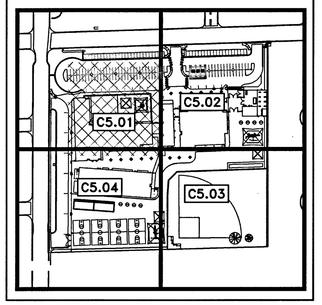
LEGAL DESCRIPTION:
BEING THE NORTH HALF (N 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 26, TOWNSHIP 22 SOUTH, RANGE 61 EAST, M.D.M., CLARK COUNTY, NEVADA.

CONTAINING 20 ACRES, MORE OR LESS, AS DETERMINED BY COMPUTER METHODS

FEMA STATEMENT:
ACCORDING TO FEMA, THE SUBJECT PROPERTY IS LOCATED IN ZONE X, ON FIRM PANEL XXXXXX; EFFECTIVE DATE JANUARY X, XXXX, BASED UPON LATEST LOMR.

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:



PLANNING & DESIGN — DATE
DESIGN MANAGER
CM MANAGER

CONSTRUCTION MANAGEMENT
PROJECT MANAGER
CM MANAGER

REQUIREMENTS
SITE ADMINISTRATOR
CODE COMPLIANCE
ANDEM REVIEW
FSR/TSRR

ASBESTOS WORK IS:
REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID
0001596

PROFESSIONAL ENGINEER-STATE OF NEVADA
VERNON R. HARKINS
Exp. 6-30-19
CIVIL
No. 009999
SEAL

CCSD PROJECT NO.	
CCSD REVIEW	
APPROVED BY	
DATE	
DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
JVA PROJECT NO.	SCS-1816

CONSULTANT
POGGEMEYER DESIGNGROUP
6980 Smoke Ranch, Suite 110
Las Vegas, NV 89128
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f 702.255.8201
www.poggemeyer.com

ARCHITECT
Simpson Coulter | STUDIO
PLANNING • ARCHITECTURE • INTERIOR DESIGN
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Las Vegas, Nevada 89119
P: 702-435-1150 F: 702-435-7699
www.simpsoncoulter.com

SPS STUDIO

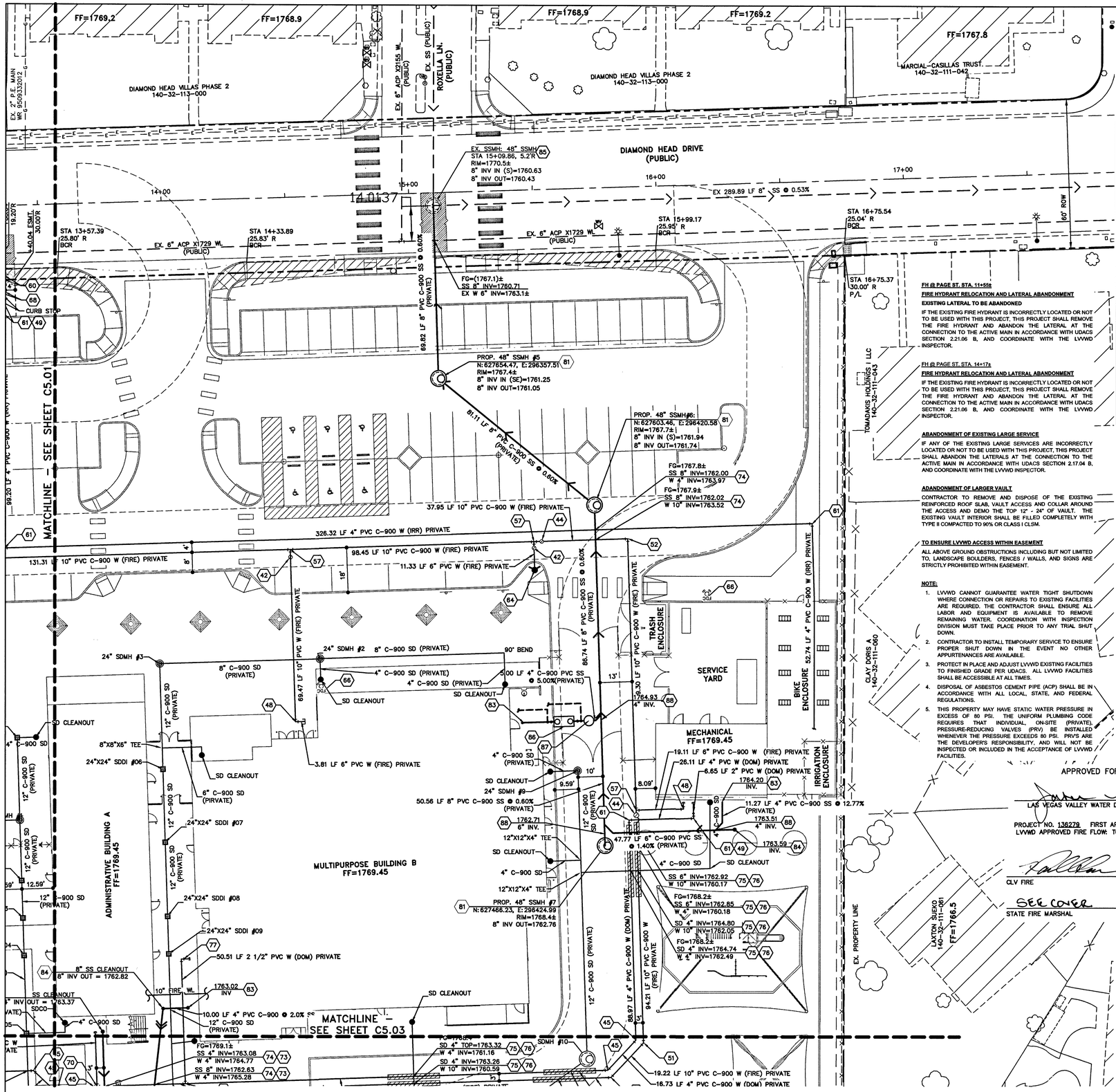
CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.6450

PROJECT: ELBERT EDWARDS E.S. REPLACEMENT
DRAWING TITLE: UTILITY PLAN (1 OF 4)
FACILITY: 4551 DIAMOND HEAD DRIVE

SHEET NO. 22 of 31 VOL. E

C5.01
L19-00762
CLV NO. 715-215

PROJ.#:136279A QS:140-32-NW



FH @ PAGE ST. STA. 11+55±

FIRE HYDRANT RELOCATION AND LATERAL ABANDONMENT

EXISTING LATERAL TO BE ABANDONED

IF THE EXISTING FIRE HYDRANT IS INCORRECTLY LOCATED OR NOT TO BE USED WITH THIS PROJECT, THIS PROJECT SHALL REMOVE THE FIRE HYDRANT AND ABANDON THE LATERAL AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH UDACS SECTION 2.21.06 B, AND COORDINATE WITH THE LVVWD INSPECTOR.

FH @ PAGE ST. STA. 14+17±

FIRE HYDRANT RELOCATION AND LATERAL ABANDONMENT

IF THE EXISTING FIRE HYDRANT IS INCORRECTLY LOCATED OR NOT TO BE USED WITH THIS PROJECT, THIS PROJECT SHALL REMOVE THE FIRE HYDRANT AND ABANDON THE LATERAL AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH UDACS SECTION 2.21.06 B, AND COORDINATE WITH THE LVVWD INSPECTOR.

ABANDONMENT OF EXISTING LARGE SERVICE

IF ANY OF THE EXISTING LARGE SERVICES ARE INCORRECTLY LOCATED OR NOT TO BE USED WITH THIS PROJECT, THIS PROJECT SHALL ABANDON THE LATERALS AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH UDACS SECTION 2.17.04 B, AND COORDINATE WITH THE LVVWD INSPECTOR.

ADANDONMENT OF LARGER VAULT

CONTRACTOR TO REMOVE AND DISPOSE OF THE EXISTING REINFORCED ROOF SLAB, VAULT ACCESS AND COLLAR AROUND THE ACCESS AND DEMO THE TOP 12" - 24" OF VAULT. THE EXISTING VAULT INTERIOR SHALL BE FILLED COMPLETELY WITH TYPE II COMPACTED TO 90% OR CLASS I CLSM.

TO ENSURE LVVWD ACCESS WITHIN EASEMENT

ALL ABOVE GROUND OBSTRUCTIONS INCLUDING BUT NOT LIMITED TO, LANDSCAPE BOULDERS, FENCES / WALLS, AND SIGNS ARE STRICTLY PROHIBITED WITHIN EASEMENT.

NOTE:

1. LVVWD CANNOT GUARANTEE WATER TIGHT SHUTDOWN WHERE CONNECTION OR REPAIRS TO EXISTING FACILITIES ARE REQUIRED. THE CONTRACTOR SHALL ENSURE ALL LABOR AND EQUIPMENT IS AVAILABLE TO REMOVE REMAINING WATER. COORDINATION WITH INSPECTION DIVISION MUST TAKE PLACE PRIOR TO ANY TRIAL SHUT DOWN.
2. CONTRACTOR TO INSTALL TEMPORARY SERVICE TO ENSURE PROPER SHUT DOWN IN THE EVENT NO OTHER APPURTENANCES ARE AVAILABLE.
3. PROTECT IN PLACE AND ADJUST LVVWD EXISTING FACILITIES TO FINISHED GRADE PER UDACS. ALL LVVWD FACILITIES SHALL BE ACCESSIBLE AT ALL TIMES.
4. DISPOSAL OF ASBESTOS CEMENT PIPE (ACP) SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
5. THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL, ON-SITE (PRIVATE), PRESSURE-REDUCING VALVES (PRV) BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRVS ARE THE DEVELOPERS RESPONSIBILITY, AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVVWD FACILITIES.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 136279 FIRST APPROVED DATE: 6/24/19
LVVWD APPROVED FIRE FLOW: TOTAL 2875 GPM/ONSITE 2000 GPM

CLV FIRE — 6/10/19 DATE

SEE COVER
STATE FIRE MARSHAL — DATE

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20 ft.
(SCALE VALID AT FULL-SIZE, 24X36, ONLY)

N W E S

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD 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 OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Call before you Dig
Avoid cutting underground utility lines it's easy.
Call 811 or 1-800-227-2600

CALL BEFORE YOU DO OVERHEAD
1-702-227-2929

FAST
Call before you UnderGround.
1-702-432-5300
PROTECT AND ACTIVATE SYSTEM OF TRANSPORTATION

DRY UTILITY NOTE:

A MINIMUM CLEARANCE OF 3' HORIZONTALLY AND 1' VERTICALLY MUST BE KEPT BETWEEN WET AND DRY UTILITIES

GENERAL UTILITY NOTES:

1. REFER TO PLUMBING PLANS FOR CONTINUATION OF WATER & SANITARY SEWER LINES INTO BUILDINGS
2. CONTRACTOR TO VERIFY VERTICAL ELEVATION OF 2" GAS MAIN PRIOR TO CONSTRUCTION ACTIVITIES

BASIS OF BEARINGS:

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

LINEAR UNIT: US SURVEY FOOT (FTUS)

DATUM (REFERENCE FRAME): NAD 83 (2011)
EPOCH 2010.00
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)

ZONE: LAS VEGAS

PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORGIN): 36°15'00"N
LONGITUDE OF CENTRAL MERIDIAN: 114°58'00"W
NORTHING AT GRID ORIGIN: 200,000.000 M (656,166.6667 FTUS)
EASTING AT CENTRAL MERIDIAN: 100,000.000 M (328,083.3333 FTUS)
SCALE FACTOR ON CENTRAL MERIDIAN; 1.0001 (EXACT)

NOTES:
1. ALL DISTANCES AND BEARINGS SHOWN HEREON ARE PROJECTED (GRID) VALUES BASED ON THE PRECEDING PROJECTION DEFINITION. THE PROJECTION WAS DEFINED SUCH THAT PROJECTED (GRID) DISTANCES ARE EQUIVALENT TO "GROUND" DISTANCES IN THE PROJECT AREA.
2. GRID BEARINGS SHOWN HEREON (OR IMPLIED BY GRID COORDINATES) DO NOT EQUAL GEODETIC BEARINGS DUE TO MERIDIAN CONVERGENCE.

SOUTHWEST GAS CORPORATION — 6-13-19 DATE

THE DATA CONTAINED HEREIN IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. SOUTHWEST GAS CORPORATION MAKES NO WARRANTIES AND DOES NOT GUARANTEE THE CORRECTNESS, COMPLETENESS, OR USEFULNESS FOR ANY LOSS OR DAMAGE HOWEVER ARISING FROM THE USE OF OR RELIANCE ON THE DATA PROVIDED. THE FIELD LOCATION AND DEPTH OF ALL SOUTHWEST GAS FACILITIES SHOULD BE VERIFIED.

WATER NOTES

41 INSTALL 4" GATE VALVE PER UDACS PLATE NO. 30
42 INSTALL 6" GATE VALVE PER UDACS PLATE NO. 30
43 INSTALL 8" GATE VALVE PER UDACS PLATE NO. 30
44 INSTALL 10" GATE VALVE PER UDACS PLATE NO. 30
45 INSTALL 4" 45° BEND PER UDACS PLATE NO. 31
46 IINSTALL 8"x6" TAPPING SLEEVE AND TAPPING VALVES PER UDACS PLT #34 & 39 AND 2.24.01A
47 INSTALL 6" 45° BEND PER UDACS PLATE NO. 31
48 INSTALL 6" 90° BEND PER UDACS PLATE NO. 31
49 INSTALL 4"X2" REDUCER PER UDACS PLATE NO. 30
50 INSTALL 8" 90° BEND PER UDACS PLATE NO. 31
51 INSTALL 10" 45° BEND PER UDACS PLATE NO. 31
52 INSTALL 10" 90° BEND PER UDACS PLATE NO. 31
53 INSTALL 4" TEE PER UDACS PLATE NO. 31
54 INSTALL 6" X 10" REDUCER PER UDACS PLATE NO. 30
55 INSTALL 8" TEE PER UDACS PLATE NO. 31
56 INSTALL 10" TEE PER UDACS PLATE NO. 31
57 INSTALL 10" X 6" TEE PER UDACS PLATE NO. 31
58 INSTALL 6" TEE PER UDACS PLATE NO. 31
59 INSTALL 10" X 8" REDUCER PER UDACS PLATE NO. 30
60 INSTALL 2" METER W/ SERVICE SADDLE & CORPORATE STOP ASSEMBLY PER UDACS PLATE #4
61 INSTALL 4" 90° BEND PER UDACS PLATE NO. 31
62 INSTALL 6" X 4" REDUCER PER UDACS PLATE NO. 30
63 INSTALL 8" X 6" REDUCER PER UDACS PLATE NO. 30
64 INSTALL FIRE HYDRANT ASSEMBLY W/ 6" GATE VALVE PER UDACS PLATE NO. 40
65 INSTALL 8" RPDA IN ABOVE GROUND INSULATED ENCLOSURE PER UDACS PLATE NO. 56
66 FDC-REFER TO MECHANICAL/FIRE SPRINKLER PLANS FOR CONNECTION
67 INSTALL POST INDICATOR VALVE (PIV) W/ TAMPER SWITCH A MIN. OF 5' FROM BUILDING
68 INSTALL 2" RPPA IN ABOVE GROUND INSULATED ENCLOSURE PER UDACS PLATE NO. 8 & DETAIL 7 SHEET C6.02
69 INSTALL 4" METER (OCTAVE) AND 6" RPPA ASSEMBLY PER INSTALLATION DETAIL "S", SHEET C6.03. SHOP DRAWINGS FOR ALL BACKFLOW COVERS, INCLUDING OCTAVE METERS LARGER THAN 2" SHALL BE REVIEWED BY LVVWD.
70 INSTALL 4" X 2" TEE PER UDACS PLATE NO. 31
71 INSTALL 4" X 2 1/2" TEE PER UDACS PLATE NO. 31
72 INSTALL 5' BEND (SIZE PER PLAN) PER UDACS PLATE NO. 31
73 PROVIDE A MINIMUM OF 18" VERTICAL CLEARANCE BETWEEN WATER AND SEWER/ STORM DRAIN LINES WITH SEWER/ STORM DRAIN LINES BEING BELOW WATER LINES (TYP)
74 CONTRACTOR TO PROVIDE A MINIMUM OF 3.5' OF COVER ABOVE TOP OF PIPE. BASED ON FINISH GRADE FOR ON-SITE WATER LINES. OFF-SITE PUBLIC WATER LINE IN RIGHT-OF-WAY TO BE A MINIMUM 4.0' OF COVER BASED ON FINISH GRADE, REFER TO UDACS SECTION 2.08. FOR ADDITIONAL INFORMATION.
75 INSTALL PIPE CASING FOR WATER LINES PER UDACS PLATE NO. 22 & 23
76 PROVIDE A MINIMUM OF 18" VERTICAL CLEARANCE BETWEEN ENCASED WATER AND SEWER/STORM DRAIN LINES WITH SEWER/STORM DRAIN LINES ABOVE ENCASED WATER LINES.
77 INSTALL 2-1/2" 90° BEND PER UDACS PLATE NO. 31
78 NOT USED
79 EXISTING GATE VALVE TO BE ABANDONED.

SEWER NOTES

81 INSTALL STANDARD ECCENTRIC MANHOLE (48" DIA.) PER DCSWCS DWG. NO. SD-1A & SD-1B
82 INSTALL STANDARD ECCENTRIC MANHOLE (60" DIA.) PER DCSWCS DWG. NO. SD-1A & SD-1B
83 INSTALL 4" SS LATERAL FOR CONNECTION TO BLDG REFER TO MECHANICAL PLANS
84 INSTALL 4" LATERAL CLEANOUT PER DCSWCS DWG. NO. SD-26
85 CONNECT TO EXISTING MANHOLE.
86 INSTALL JENSEN 750 GALLON GREASE INTERCEPTOR W/ ODOR CONTROL MANHOLE COVERS PER DCSWCS SECTION 4.10.01. SEE DETAIL 4 ON SHEET C6.03. REFER TO PLUMBING SHEETS FOR ADDT'L DETAILS.
87 INSTALL SAMPLE BOX. REFER TO PLUMBING SHEETS FOR ADDT'L DETAILS.
88 INSTALL WYE LATERAL CONNECTION PER DCSWCS DWG. NO. SD-22

BENCHMARK:
PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CITY OF LAS VEGAS BENCHMARK: 1LV0232N6 (2008)
NAVD88 ELEVATION: 536.414 METERS (1759.89 FEET)
RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF MARION DRIVE AND MONTEBELLO AVENUE.

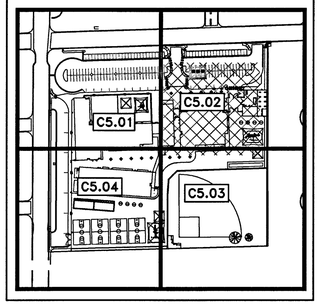
LEGAL DESCRIPTION:
BEING THE NORTH HALF (N 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 26, TOWNSHIP 22 SOUTH, RANGE 61 EAST, M.D.M., CLARK COUNTY, NEVADA.

CONTAINING 20 ACRES, MORE OR LESS, AS DETERMINED BY COMPUTER METHODS

FEMA STATEMENT:
ACCORDING TO FEMA, THE SUBJECT PROPERTY IS LOCATED IN ZONE X, ON FIRM PANEL XXXXXX; EFFECTIVE DATE JANUARY X, XXXX, BASED UPON LATEST LOMR.

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:



PLANNING & DESIGN	DATE
DESIGN MANAGER	
QM MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
QM MANAGER	
REQUIREMENTS	
SITE ADMINISTRATOR	
CODE COMPLIANCE	
AHERA REVIEW	
FSR/FSRR	

ASBESTOS WORK IS:
REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID
0001626

PROFESSIONAL ENGINEER — STATE OF NEVADA
VERNON R. HARKINS
Exp. 6-30-19
CIVIL
No. 009699
SEAL

CCSD PROJECT NO.	
CCSD REVIEW	
APPROVED BY	
DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
V.V. PROJECT NO.	SCS-1816

CONSULTANT
POGGEMEYER DESIGNGROUP
6980 Smoke Ranch Suite 110
Las Vegas, Nevada 89128
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f 702.255.8373
www.poggemeyer.com

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Simpson Coulter | STUDIO
PLANNING • ARCHITECTURE • INTERIOR DESIGN
151 East Warm Springs Road
Las Vegas, Nevada 89119
P: 702-435-1150 F: 702-435-7699
www.simpsoncoulter.com

CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.6450

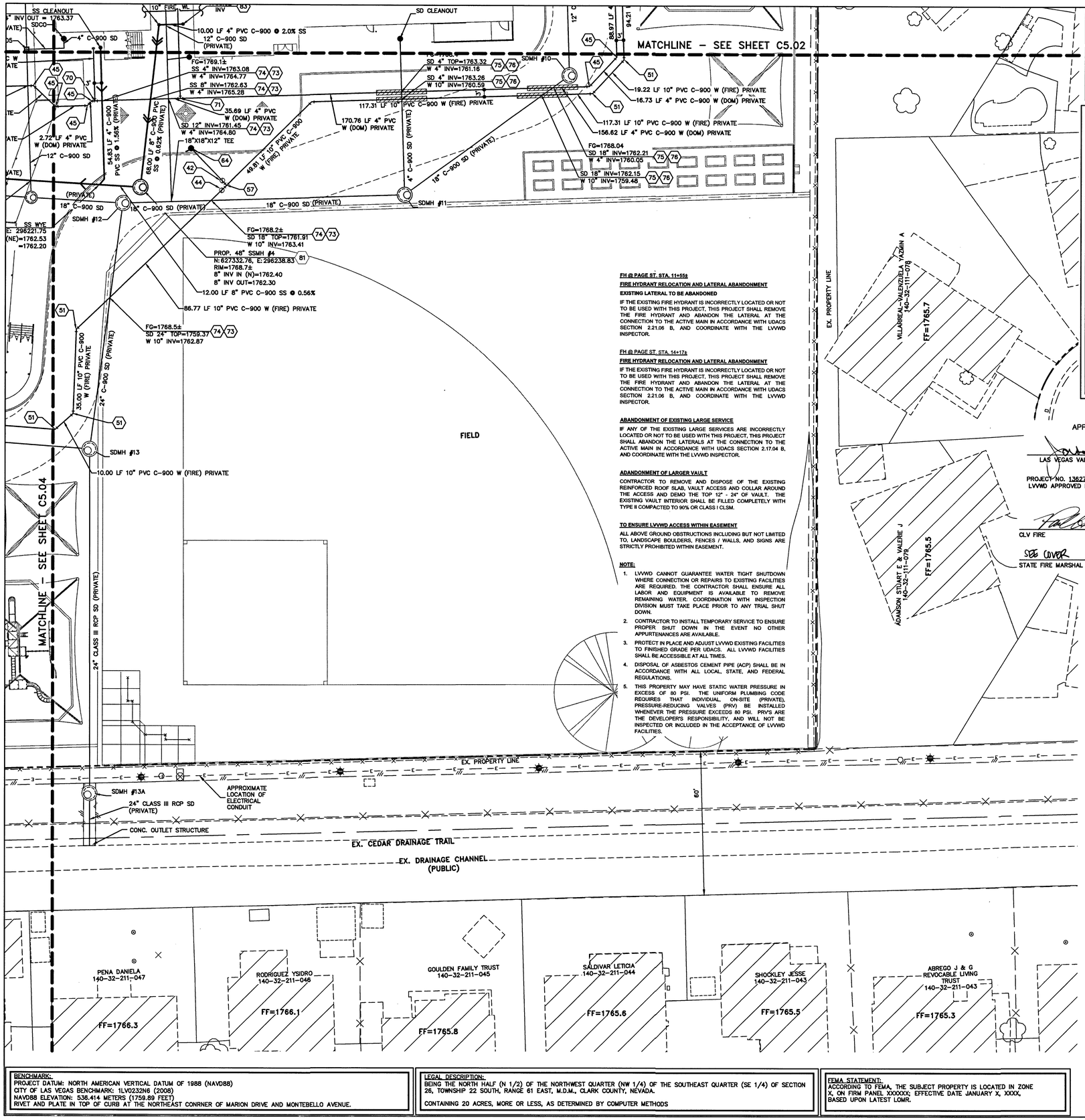
PROJECT: ELBERT EDWARDS E.S. REPLACEMENT
DRAWING TITLE: UTILITY PLAN (2 OF 4)
FACILITY: 4551 DIAMOND HEAD DRIVE

SHEET NO. 23 of 31 VOL. E

C5.02

19-00762
CLV NO. 215-215

PROJ.#:136279A QS:140-32-NW



FH @ PAGE ST. STA. 11+55±

FIRE HYDRANT RELOCATION AND LATERAL ABANDONMENT

EXISTING LATERAL TO BE ABANDONED

IF THE EXISTING FIRE HYDRANT IS INCORRECTLY LOCATED OR NOT TO BE USED WITH THIS PROJECT, THIS PROJECT SHALL REMOVE THE FIRE HYDRANT AND ABANDON THE LATERAL AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH UDACS SECTION 2.21.06 B, AND COORDINATE WITH THE LVVWD INSPECTOR.

FH @ PAGE ST. STA. 14+17±

FIRE HYDRANT RELOCATION AND LATERAL ABANDONMENT

IF THE EXISTING FIRE HYDRANT IS INCORRECTLY LOCATED OR NOT TO BE USED WITH THIS PROJECT, THIS PROJECT SHALL REMOVE THE FIRE HYDRANT AND ABANDON THE LATERAL AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH UDACS SECTION 2.21.06 B, AND COORDINATE WITH THE LVVWD INSPECTOR.

ABANDONMENT OF EXISTING LARGE SERVICE

IF ANY OF THE EXISTING LARGE SERVICES ARE INCORRECTLY LOCATED OR NOT TO BE USED WITH THIS PROJECT, THIS PROJECT SHALL ABANDON THE LATERALS AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH UDACS SECTION 2.17.04 B, AND COORDINATE WITH THE LVVWD INSPECTOR.

ADANDONMENT OF LARGER VAULT

CONTRACTOR TO REMOVE AND DISPOSE OF THE EXISTING REINFORCED ROOF SLAB, VAULT ACCESS AND COLLAR AROUND THE ACCESS AND DEMO THE TOP 12" - 24" OF VAULT. THE EXISTING VAULT INTERIOR SHALL BE FILLED COMPLETELY WITH TYPE II COMPACTED TO 90% OR CLASS I CLSM.

TO ENSURE LVVWD ACCESS WITHIN EASEMENT

ALL ABOVE GROUND OBSTRUCTIONS INCLUDING BUT NOT LIMITED TO, LANDSCAPE BOULDERS, FENCES / WALLS, AND SIGNS ARE STRICTLY PROHIBITED WITHIN EASEMENT.

NOTE:

1. LVVWD CANNOT GUARANTEE WATER TIGHT SHUTDOWN WHERE CONNECTION OR REPAIRS TO EXISTING FACILITIES ARE REQUIRED. THE CONTRACTOR SHALL ENSURE ALL LABOR AND EQUIPMENT IS AVAILABLE TO REMOVE REMAINING WATER. COORDINATION WITH INSPECTION DIVISION MUST TAKE PLACE PRIOR TO ANY TRIAL SHUT DOWN.
2. CONTRACTOR TO INSTALL TEMPORARY SERVICE TO ENSURE PROPER SHUT DOWN IN THE EVENT NO OTHER APPURTENANCES ARE AVAILABLE.
3. PROTECT IN PLACE AND ADJUST LVVWD EXISTING FACILITIES TO FINISHED GRADE PER UDACS. ALL LVVWD FACILITIES SHALL BE ACCESSIBLE AT ALL TIMES.
4. DISPOSAL OF ASBESTOS CEMENT PIPE (ACP) SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
5. THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL ON-SITE (PRIVATE), PRESSURE-REDUCING VALVES (PRV) BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRVS ARE THE DEVELOPER'S RESPONSIBILITY, AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVVWD FACILITIES.

BENCHMARK:
PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CITY OF LAS VEGAS BENCHMARK: 1LV02326 (2008)
NAVD88 ELEVATION: 536.414 METERS (1759.89 FEET)
RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CONRNER OF MARION DRIVE AND MONTEBELLO AVENUE.

LEGAL DESCRIPTION:
BEING THE NORTH HALF (N 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 28, TOWNSHIP 22 SOUTH, RANGE 61 EAST, M.D.M., CLARK COUNTY, NEVADA.

CONTAINING 20 ACRES, MORE OR LESS, AS DETERMINED BY COMPUTER METHODS

FEMA STATEMENT:
ACCORDING TO FEMA, THE SUBJECT PROPERTY IS LOCATED IN ZONE X, ON FIRM PANEL XXXXXX; EFFECTIVE DATE JANUARY X, XXXX, BASED UPON LATEST LOMR.

DRY UTILITY NOTE:

A MINIMUM CLEARANCE OF 3' HORIZONTALLY AND 1' VERTICALLY MUST BE KEPT BETWEEN WET AND DRY UTILITIES

GENERAL UTILITY NOTES:

1. REFER TO PLUMBING PLANS FOR CONTINUATION OF WATER & SANITARY SEWER LINES INTO BUILDINGS
2. CONTRACTOR TO VERIFY VERTICAL ELEVATION OF 2" GAS MAIN PRIOR TO CONSTRUCTION ACTIVITIES

BASIS OF BEARINGS:

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

LINEAR UNIT: US SURVEY FOOT (FTUS)

DATUM (REFERENCE FRAME): NAD 83 (2011)
EPOCH 2010.00
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)

ZONE: LAS VEGAS

PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORGIN): 36°15'00"N
LONGITUDE OF CENTRAL MERIDIAN: 114°58'00"W
NORTHING AT GRID ORIGIN: 200,000.000 M (656,166.6667 FTUS)
EASTING AT CENTRAL MERIDIAN: 100,000.000 M (328,083.3333 FTUS)
SCALE FACTOR ON CENTRAL MERIDIAN; 1.0001 (EXACT)

NOTES:
1. ALL DISTANCES AND BEARINGS SHOWN HEREON ARE PROJECTED (GRID) VALUES BASED ON THE PRECEDING PROJECTION DEFINITION. THE PROJECTION WAS DEFINED SUCH THAT PROJECTED (GRID) DISTANCES ARE EQUIVALENT TO "GROUND" DISTANCES IN THE PROJECT AREA.
2. GRID BEARINGS SHOWN HEREON (OR IMPLIED BY GRID COORDINATES) DO NOT EQUAL GEODETIC BEARINGS DUE TO MERIDIAN CONVERGENCE.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 136279 FIRST APPROVED DATE: 6/24/19
LVVWD APPROVED FIRE FLOW: TOTAL 2875 GPM/ONSITE 2000 GPM

CLV FIRE 6/18/19 DATE

SEE COVER
STATE FIRE MARSHAL DATE

WATER NOTES

41. INSTALL 4" GATE VALVE PER UDACS PLATE NO. 30
42. INSTALL 6" GATE VALVE PER UDACS PLATE NO. 30
43. INSTALL 8" GATE VALVE PER UDACS PLATE NO. 30
44. INSTALL 10" GATE VALVE PER UDACS PLATE NO. 30
45. INSTALL 4" 45° BEND PER UDACS PLATE NO. 31
46. IINSTALL 8"x6" TAPPING SLEEVE AND TAPPING VALVES PER UDACS PLT #34 & 39 AND 2.24.01A
47. INSTALL 8" 45° BEND PER UDACS PLATE NO. 31
48. INSTALL 6" 90° BEND PER UDACS PLATE NO. 31
49. INSTALL 4"X2" REDUCER PER UDACS PLATE NO. 30
50. INSTALL 8" 90° BEND PER UDACS PLATE NO. 31
51. INSTALL 10" 45° BEND PER UDACS PLATE NO. 31
52. INSTALL 10" 90° BEND PER UDACS PLATE NO. 31
53. INSTALL 4" TEE PER UDACS PLATE NO. 31
54. INSTALL 6" X 10" REDUCER PER UDACS PLATE NO. 30
55. INSTALL 8" TEE PER UDACS PLATE NO. 31
56. INSTALL 10" TEE PER UDACS PLATE NO. 31
57. INSTALL 10" X 6" TEE PER UDACS PLATE NO. 31
58. INSTALL 8" TEE PER UDACS PLATE NO. 31
59. INSTALL 10" X 8" REDUCER PER UDACS PLATE NO. 30
60. INSTALL 2" METER W/ SERVICE SADDLE & CORPORATE STOP ASSEMBLY PER UDACS PLATE #4
61. INSTALL 4" 90° BEND PER UDACS PLATE NO. 31
62. INSTALL 6" X 4" REDUCER PER UDACS PLATE NO. 30
63. INSTALL 8" X 6" REDUCER PER UDACS PLATE NO. 30
64. INSTALL FIRE HYDRANT ASSEMBLY W/ 6" GATE VALVE PER UDACS PLATE NO. 40
65. INSTALL 8" RPDA IN ABOVE GROUND INSULATED ENCLOSURE PER UDACS PLATE NO. 56
66. FDC–REFER TO MECHANICAL/FIRE SPRINKLER PLANS FOR CONNECTION
67. INSTALL POST INDICATOR VALVE (PIV) W/ TAMPER SWITCH A MIN. OF 5' FROM BUILDING
68. INSTALL 2" RPPA IN ABOVE GROUND INSULATED ENCLOSURE PER UDACS PLATE NO. 8 & DETAIL 7 SHEET C6.02
69. INSTALL 4" METER (OCTAVE) AND 6" RPPA ASSEMBLY PER INSTALLATION DETAIL "5", SHEET C6.03. SHOP DRAWINGS FOR ALL BACKFLOW COVERS, INCLUDING OCTAVE METERS LARGER THAN 2" SHALL BE REVIEWED BY LVVWD.
70. INSTALL 4" X 2" TEE PER UDACS PLATE NO. 31
71. INSTALL 4" X 2 1/2" TEE PER UDACS PLATE NO. 31
72. INSTALL 5' BEND (SIZE PER PLAN) PER UDACS PLATE NO. 31
73. PROVIDE A MINIMUM OF 18" VERTICAL CLEARANCE BETWEEN WATER AND SEWER/ STORM DRAIN LINES WITH SEWER/ STORM DRAIN LINES BEING BELOW WATER LINES (TYP)
74. CONTRACTOR TO PROVIDE A MINIMUM OF 3.5' OF COVER ABOVE TOP OF PIPE, BASED ON FINISH GRADE FOR ON–SITE WATER LINES. OFF–SITE PUBLIC WATER LINE IN RIGHT–OF–WAY TO BE A MINIMUM 4.0' OF COVER BASED ON FINISH GRADE, REFER TO UDACS SECTION 2.08. FOR ADDITIONAL INFORMATION.
75. INSTALL PIPE CASING FOR WATER LINES PER UDACS PLATE NO. 22 & 23
76. PROVIDE A MINIMUM OF 18" VERTICAL CLEARANCE BETWEEN ENCASED WATER AND SEWER/STORM DRAIN LINES WITH SEWER/STORM DRAIN LINES ABOVE ENCASED WATER LINES.
77. INSTALL 2–1/2" 90° BEND PER UDACS PLATE NO. 31
78. NOT USED
79. EXISTING GATE VALVE TO BE ABANDONED.

SEWER NOTES

81. INSTALL STANDARD ECCENTRIC MANHOLE (48" DIA.) PER DCSWCS DWG. NO. SD–1A & SD–1B
82. INSTALL STANDARD ECCENTRIC MANHOLE (60" DIA.) PER DCSWCS DWG. NO. SD–1A & SD–1B
83. INSTALL 4" SS LATERAL FOR CONNECTION TO BLDG REFER TO MECHANICAL PLANS
84. INSTALL 4" LATERAL CLEANOUT PER DCSWCS DWG. NO. SD–26
85. CONNECT TO EXISTING MANHOLE.
86. INSTALL JENSEN 750 GALLON GREASE INTERCEPTOR W/ ODOR CONTROL MANHOLE COVERS PER DCSWCS SECTION 4.10.01. SEE DETAIL 4 ON SHEET C6.03. REFER TO PLUMBING SHEETS FOR ADDT'L DETAILS.
87. INSTALL SAMPLE BOX. REFER TO PLUMBING SHEETS FOR ADDT'L DETAILS.
88. INSTALL WYE LATERAL CONNECTION PER DCSWCS DWG. NO. SD–22

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20 ft.
(SCALE VALID AT FULL–SIZE, 24X36, ONLY)

N W E S

DISCLAIMER NOTE

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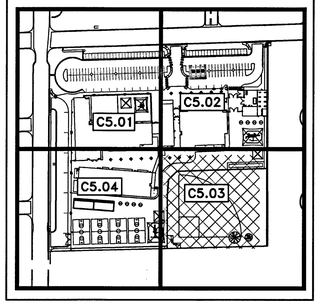
Call before you Dig — Avoid cutting underground utility lines. It's easy. Call 811 or 1-800-227-2600

AVOID HITTING OVERHEAD POWER LINES — CALL BEFORE YOU DIG OVERHEAD — 1-702-227-2929

FAST — Call before you UnderGround. 1-702-432-5300 — ENERGY AND NATURAL SYSTEMS OF TRANSMISSION

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:



PLANNING & DESIGN DATE
DESIGN MANAGER
QM MANAGER
CONSTRUCTION MANAGEMENT
PROJECT MANAGER
QM MANAGER
REQUIREMENTS
SITE ADMINISTRATOR
CODE COMPLIANCE
AHERA REVIEW
FSR/FSRR

ASBESTOS WORK IS:
REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID
0001626

PROFESSIONALLY ENGINEER–STATE OF NEVADA — VERNON R. HARKINS — Exp. 6-30-19 — CIVIL — No. 009699 — SIGN

CCSD PROJECT NO.	
CCSD REVIEW	
APPROVED BY	
DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
A/E PROJECT NO.	SCS-1816

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PLANNING + ARCHITECTURE + INTERIOR DESIGN
151 East Warm Springs Road
Las Vegas, Nevada 89119
P: 702-435-1150 F: 702-435-7699
www.simpsoncoulter.com

SC STUDIO

CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.8450

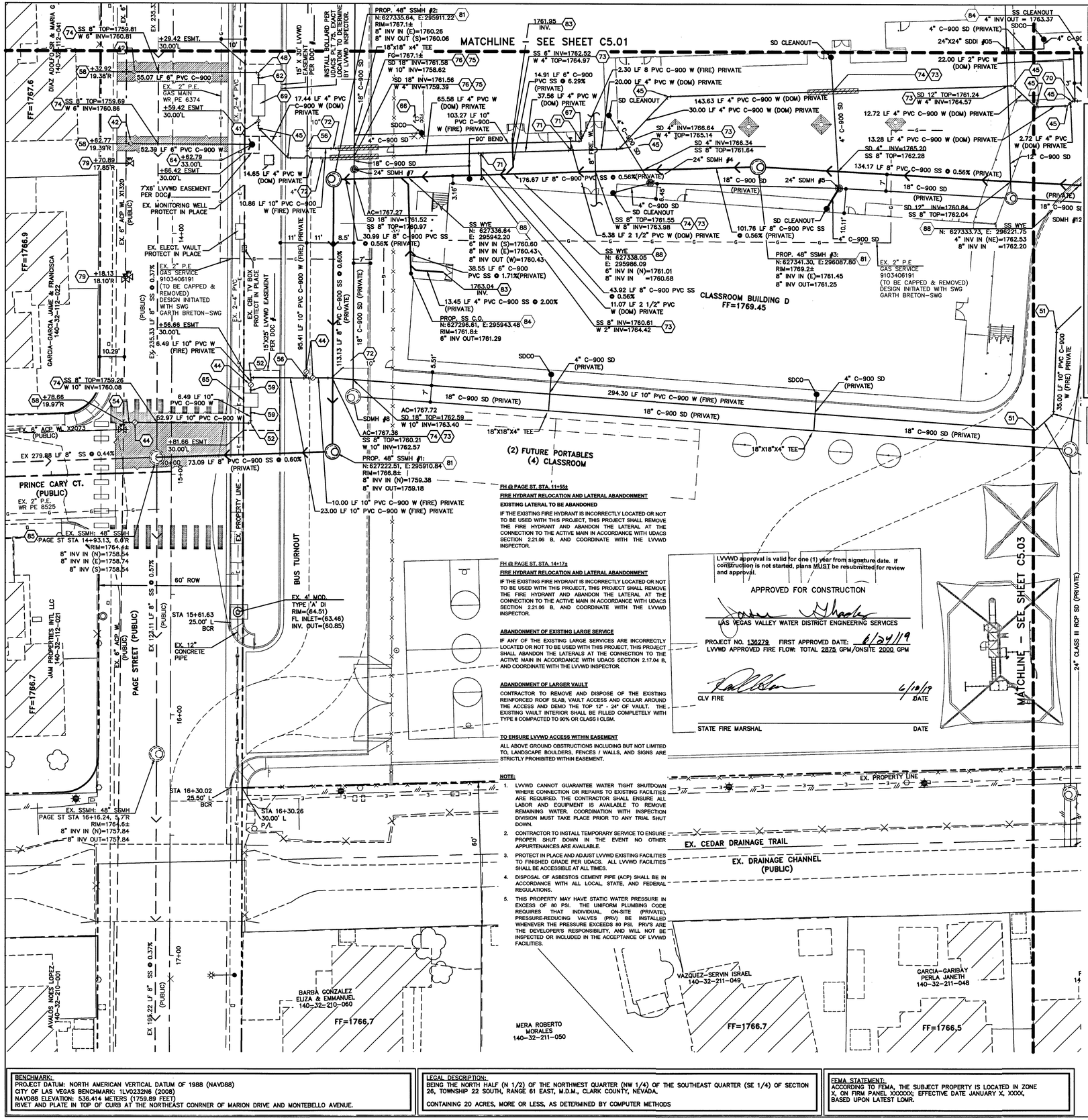
PROJECT: ELBERT EDWARDS E.S. REPLACEMENT
DRAWING TITLE: UTILITY PLAN (3 OF 4)
FACILITY: 4551 DIAMOND HEAD DRIVE

SHEET NO. 24 of 31 VOL. E

C5.03

LIB. 00762
CLV NO. 715-215

PROJ.#:136279A QS:140-32-NW



BENCHMARK:

PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CITY OF LAS VEGAS BENCHMARK: 1LVO23N6 (2008)
NAVD88 ELEVATION: 536.414 METERS (1759.89 FEET)
RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF MARION DRIVE AND MONTEBELLO AVENUE.

LEGAL DESCRIPTION:

BEING THE NORTH HALF (N 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 26, TOWNSHIP 22 SOUTH, RANGE 61 EAST, M.D.M., CLARK COUNTY, NEVADA.

CONTAINING 20 ACRES, MORE OR LESS, AS DETERMINED BY COMPUTER METHODS

FEMA STATEMENT:

ACCORDING TO FEMA, THE SUBJECT PROPERTY IS LOCATED IN ZONE X, ON FIRM PANEL XXXXXX; EFFECTIVE DATE JANUARY X, XXXX, BASED UPON LATEST LOMR.

FH @ PAGE ST. STA. 11+55ft

FIRE HYDRANT RELOCATION AND LATERAL ABANDONMENT

EXISTING LATERAL TO BE ABANDONED

IF THE EXISTING FIRE HYDRANT IS INCORRECTLY LOCATED OR NOT TO BE USED WITH THIS PROJECT, THIS PROJECT SHALL REMOVE THE FIRE HYDRANT AND ABANDON THE LATERAL AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH UDACS SECTION 2.21.06 B, AND COORDINATE WITH THE LVVWD INSPECTOR.

FH @ PAGE ST. STA. 14+17ft

FIRE HYDRANT RELOCATION AND LATERAL ABANDONMENT

IF THE EXISTING FIRE HYDRANT IS INCORRECTLY LOCATED OR NOT TO BE USED WITH THIS PROJECT, THIS PROJECT SHALL REMOVE THE FIRE HYDRANT AND ABANDON THE LATERAL AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH UDACS SECTION 2.21.06 B, AND COORDINATE WITH THE LVVWD INSPECTOR.

ABANDONMENT OF EXISTING LARGE SERVICE

IF ANY OF THE EXISTING LARGE SERVICES ARE INCORRECTLY LOCATED OR NOT TO BE USED WITH THIS PROJECT, THIS PROJECT SHALL ABANDON THE LATERALS AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDANCE WITH UDACS SECTION 2.17.04 B, AND COORDINATE WITH THE LVVWD INSPECTOR.

ABANDONMENT OF LARGER VAULT

CONTRACTOR TO REMOVE AND DISPOSE OF THE EXISTING REINFORCED ROOF SLAB, VAULT ACCESS AND COLLAR AROUND THE ACCESS AND DEMO THE TOP 12" - 24" OF VAULT. THE EXISTING VAULT INTERIOR SHALL BE FILLED COMPLETELY WITH TYPE II COMPACTED TO 90% OR CLASS I CLSM.

TO ENSURE LVVWD ACCESS WITHIN EASEMENT

ALL ABOVE GROUND OBSTRUCTIONS INCLUDING BUT NOT LIMITED TO, LANDSCAPE BOULDERS, FENCES / WALLS, AND SIGNS ARE STRICTLY PROHIBITED WITHIN EASEMENT.

NOTE:

1. LVVWD CANNOT GUARANTEE WATER TIGHT SHUTDOWN WHERE CONNECTION OR REPAIRS TO EXISTING FACILITIES ARE REQUIRED. THE CONTRACTOR SHALL ENSURE ALL LABOR AND EQUIPMENT IS AVAILABLE TO REMOVE REMAINING WATER. COORDINATION WITH INSPECTION DIVISION MUST TAKE PLACE PRIOR TO ANY TRIAL SHUT DOWN.
2. CONTRACTOR TO INSTALL TEMPORARY SERVICE TO ENSURE PROPER SHUT DOWN IN THE EVENT NO OTHER APPURTENANCES ARE AVAILABLE.
3. PROTECT IN PLACE AND ADJUST LVVWD EXISTING FACILITIES TO FINISHED GRADE PER UDACS. ALL LVVWD FACILITIES SHALL BE ACCESSIBLE AT ALL TIMES.
4. DISPOSAL OF ASBESTOS CEMENT PIPE (ACP) SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
5. THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL, ON-SITE (PRIVATE), PRESSURE-REDUCING VALVES (PRV) BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRV'S ARE THE DEVELOPER'S RESPONSIBILITY, AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVVWD FACILITIES.

DRY UTILITY NOTE:

A MINIMUM CLEARANCE OF 3' HORIZONTALLY AND 1' VERTICALLY MUST BE KEPT BETWEEN WET AND DRY UTILITIES

GENERAL UTILITY NOTES:

1. REFER TO PLUMBING PLANS FOR CONTINUATION OF WATER & SANITARY SEWER LINES INTO BUILDINGS
2. CONTRACTOR TO VERIFY VERTICAL ELEVATION OF 2" GAS MAIN PRIOR TO CONSTRUCTION ACTIVITIES

BASIS OF BEARINGS:

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

LINEAR UNIT: US SURVEY FOOT (FTUS)

DATUM (REFERENCE FRAME): NAD 83 (2011)
EPOCH 2010.00
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)

ZONE: LAS VEGAS

PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORGIN):36°05'00"N
LONGITUDE OF CENTRAL MERIDIAN:114°58'00"W
NORTHING AT GRID ORIGIN: 200,000.000 M (656,166.6667 FTUS)
EASTING AT CENTRAL MERIDIAN: 100,000.000 M (328,083.3333 FTUS)
SCALE FACTOR ON CENTRAL MERIDIAN; 1.0001 (EXACT)

NOTES:
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NOTE:

DISPOSAL OF ASBESTOS CEMENT PIPE(ACP) SHALL BE ACCORDANCE WITH ALL LOCAL STATE, AND FEDERAL REGULATION.

SOUTHWEST GAS CORPORATION — 6-13-19 DATE

THE DATA CONTAINED HEREIN IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. SOUTHWEST GAS CORPORATION MAKES NO WARRANTIES AND DOES NOT GUARANTEE THE CORRECTNESS, COMPLETENESS, OR USEFULNESS FOR ANY LOSS OR DAMAGE HOWEVER ARISING FROM THE USE OF OR RELIANCE ON THE DATA PROVIDED. THE FIELD LOCATION AND DEPTH OF ALL SOUTHWEST GAS FACILITIES SHOULD BE VERIFIED.

WATER NOTES

41. INSTALL 4" GATE VALVE PER UDACS PLATE NO. 30
42. INSTALL 6" GATE VALVE PER UDACS PLATE NO. 30
43. INSTALL 8" GATE VALVE PER UDACS PLATE NO. 30
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74. CONTRACTOR TO PROVIDE A MINIMUM OF 3.5' OF COVER ABOVE TOP OF PIPE, BASED ON FINISH GRADE FOR ON-SITE WATER LINES. OFF-SITE PUBLIC WATER LINE IN RIGHT-OF-WAY TO BE A MINIMUM 4.0' OF COVER BASED ON FINISH GRADE, REFER TO UDACS SECTION 2.08. FOR ADDITIONAL INFORMATION.
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78. NOT USED
79. EXISTING GATE VALVE TO BE ABANDONED.

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81. INSTALL STANDARD ECCENTRIC MANHOLE (48" DIA.) PER DCSWCS DWG. NO. SD-1A & SD-1B
82. INSTALL STANDARD ECCENTRIC MANHOLE (60" DIA.) PER DCSWCS DWG. NO. SD-1A & SD-1B
83. INSTALL 4" SS LATERAL FOR CONNECTION TO BLDG REFER TO MECHANICAL PLANS
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86. INSTALL JENSEN 750 GALLON GREASE INTERCEPTOR W/ ODOR CONTROL MANHOLE COVERS PER DCSWCS SECTION 4.10.01. SEE DETAIL 4 ON SHEET C6.03. REFER TO PLUMBING SHEETS FOR ADDT'L DETAILS.
87. INSTALL SAMPLE BOX. REFER TO PLUMBING SHEETS FOR ADDT'L DETAILS.
88. INSTALL WYE LATERAL CONNECTION PER DCSWCS DWG. NO. SD-22

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20 ft.
(SCALE VALID AT FULL-SIZE, 24X36, ONLY)

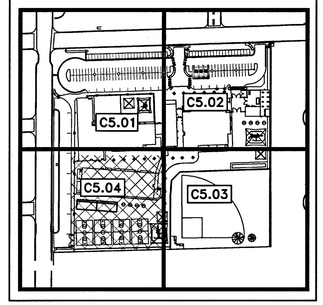
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CAUTION! CALL BEFORE YOU DIG OVERHEAD — 1-702-227-2929
FAST — Call before you UnderGround. — 1-702-432-5300

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:



PLANNING & DESIGN — DATE
DESIGN MANAGER
QM MANAGER
CONSTRUCTION MANAGEMENT
PROJECT MANAGER
QM MANAGER
REQUIREMENTS
SITE ADMINISTRATOR
CODE COMPLIANCE
AHERA REVIEW
FSR/FSRR

ASBESTOS WORK IS: REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID
0001626

VERNON R. HARKINS — Exp. 6-30-19 — CIVIL — No. 009999 — PROFESSIONAL ENGINEER — STATE OF NEVADA

CCSD PROJECT NO.	
CCSD REVIEW	
APPROVED BY	
DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
CVK PROJECT NO.	SCS-1816

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SC STUDIO

ARCHITECT
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PLANNING • ARCHITECTURE • INTERIOR DESIGN
151 East Warm Springs Road
Las Vegas, Nevada 89119
P: 702-435-1150 F: 702-435-7699
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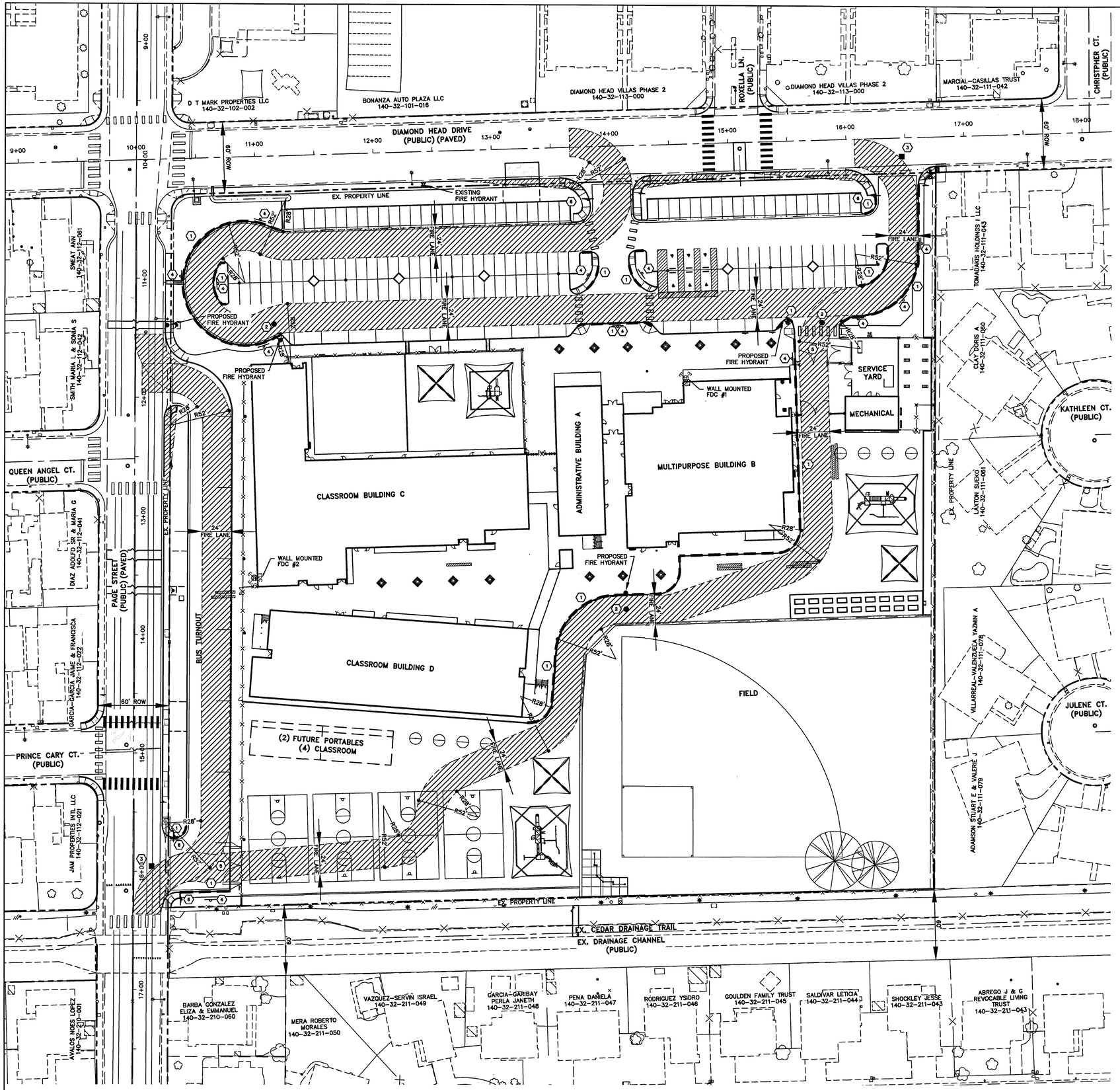
CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.8450

PROJECT: ELBERT EDWARDS E.S. REPLACEMENT
DRAWING TITLE: UTILITY PLAN (4 OF 4)
FACILITY: 4551 DIAMOND HEAD DRIVE

SHEET NO. 25 of 31 VOL. III

C5.04
19-00762
CLV NO. 715-215

PROJ.#:136279A QS:140-32-NW



FIRE CONTROL LEGEND AND NOTES

- 24' WIDE FIRE LANE ACCESS
- EXISTING FIRE HYDRANT
- FDC PROPOSED FIRE DEPARTMENT CONNECTION
- PROPOSED FIRE HYDRANT
- (1) PAINT CURB RED WITH "NO PARKING – FIRE LANE" TEXT EVERY 50 FEET ON CURB
- (2) INSTALL BLUE REFLECTIVE RAISED PAVEMENT MARKER PER PLAN
- (3) INSTALL GREEN REFLECTIVE RAISED PAVEMENT MARKER PER PLAN
- (4) INSTALL 12" x 18" CUSTOM FIRE LANE NO PARKING SIGN
- (5) INSTALL LIMITED ACCESS SIGN / KNOX BOX (24" x 24", FIRE AND MAINTENANCE VEHICLE ACCESS ONLY) WITH REFLECTIVE WHITE BACKGROUND, BLACK OPAQUE BORDER AND LETTERING
- (6) INSTALL 24"x18" TYPE 'B' FIRE LANE SIGN PER SNFC 503.3.1 (ON-STREET PARKING IN MARKED FIRE LANE AREAS PROHIBITED)

FIRE FLOW CALCULATIONS: MULTI-PURPOSE & ADMIN BLDGS. (FDC 1)
FIRE FLOW REQUIREMENT IS 1,750 GALLONS PER MINUTE @ 20 PSI RESIDUAL PRESSURE.
BASED ON:
SQUARE FOOTAGE: 28,717 SQUARE FEET
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS: 28,717 SQUARE FEET
BUILDING HEIGHT: 42 FEET
NUMBER OF STORIES: 2 FLOORS
TYPE OF CONSTRUCTION: IIB
OCCUPANCY E
FULL AUTOMATIC SPRINKLER SYSTEM: X YES ___ NO
(WATER LINES BETWEEN BUILDINGS ARE FREEZE PROTECTED)
(3500 GPM – 50% REDUCTION)

FIRE FLOW CALCULATIONS: CLASSROOM BLDGS. (FDC 2)
TOTAL FIRE FLOW REQUIREMENT IS 2,875 GALLONS PER MINUTE @ 20 PSI RESIDUAL PRESSURE.
TOTAL ONSITE FIRE FLOW 2,000 GPM (1,500 FH + 500 SPRINKLER)
BASED ON:
SQUARE FOOTAGE: 72,903 SQUARE FEET
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS: 72,903 SQUARE FEET
BUILDING HEIGHT: 42 FEET
NUMBER OF STORIES: 2 FLOORS
TYPE OF CONSTRUCTION: IIB
OCCUPANCY E
FULL AUTOMATIC SPRINKLER SYSTEM: X YES ___ NO
(WATER LINES BETWEEN BUILDINGS ARE FREEZE PROTECTED)
(5,750 GPM – 50% REDUCTION)

BASIS OF BEARINGS:
GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS ZONE, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.

LINEAR UNIT: US SURVEY FOOT (FTUS)

DATUM (REFERENCE FRAME): NAD 83 (2011) EPOCH 2010.00
SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NGRS)

ZONE: LAS VEGAS

PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORGIN): 36°15'00"N
LONGITUDE OF CENTRAL MERIDIAN: 114°58'00"W
NORTHING AT GRID ORIGIN: 200,000.000 M (656,166.6667 FTUS)
EASTING AT CENTRAL MERIDIAN: 100,000.000 M (328,083.3333 FTUS)
SCALE FACTOR ON CENTRAL MERIDIAN; 1.0001 (EXACT)

NOTES:
1. ALL DISTANCES AND BEARINGS SHOWN HEREON ARE PROJECTED (GRID) VALUES BASED ON THE PRECEDING PROJECTION DEFINITION. THE PROJECTION WAS DEFINED SUCH THAT PROJECTED (GRID) DISTANCES ARE EQUIVALENT TO "GROUND" DISTANCES IN THE PROJECT AREA.

2. GRID BEARINGS SHOWN HEREON (OR IMPLIED BY GRID COORDINATES) DO NOT EQUAL GEODETIC BEARINGS DUE TO MERIDIAN CONVERGENCE.

BENCHMARK:
PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
CITY OF LAS VEGAS BENCHMARK: 1LV02326N6 (2008)
NAVD88 ELEVATION: 536.414 METERS (1759.89 FEET)
RIVET AND PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF MARION DRIVE AND MONTEBELLO AVENUE.

SEE COVER
STATE FIRE MARSHAL DATE

NOTE: REFER TO SHEETS C3.01, C3.02, C3.03, C3.04, FOR GRADING PLANS

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 136279 FIRST APPROVED DATE: 6/24/19
LVVWD APPROVED FIRE FLOW: TOTAL 2875 GPM/ONSITE 2000 GPM

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 inch = 40 ft.
(SCALE VALID AT FULL-SIZE, 24X36, ONLY)

N W E S

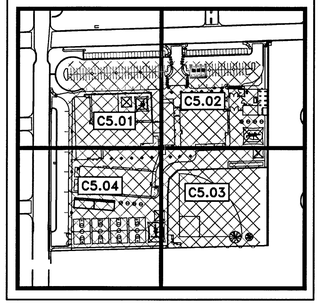
DISCLAIMER NOTE

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Call before you Dig — Avoid hitting underground utility lines safely. Call 811 or 1-800-227-2600
AVOID HITTING OVERHEAD POWER LINES. IT'S COOL! CALL BEFORE YOU DIG OVERHEAD 1-702-227-2929
FAST — Call before you UnderGround. 1-702-432-5300 FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:



PLANNING & DESIGN	DATE
DESIGN MANAGER	
CM MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
CM MANAGER	
REQUIREMENTS	
SITE ADMINISTRATION	
CODE COMPLIANCE	
AHERA REVIEW	
FSR/FSRR	

ASBESTOS WORK IS: REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID 0001626

PROFESSIONAL ENGINEER – STATE OF NEVADA — VERNON R. HARKINS Exp. 6-30-19 CIVIL NO. 009898 — SEAL

CCSD PROJECT NO.	
CCSD REVIEW	
APPROVED BY	
DATE	
DATE	05/03/2019
DRAWN BY	RP/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
A/E PROJECT NO.	SCS-1916

CONSULTANT: POGGEMEYER DESIGNGROUP
8660 Smoke Ranch, Suite 110, Las Vegas, Nevada 89128
p) 702.255.8100 f) 702.255.8370
www.poggemeyer.com

ARCHITECT: Simpson Coulter | STUDIO
PLANNING • ARCHITECTURE • INTERIOR DESIGN
151 East Warm Springs Road, Las Vegas, Nevada 89119
P: 702-435-1150 F: 702-435-7699
www.simpsoncoulter.com

CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.8450

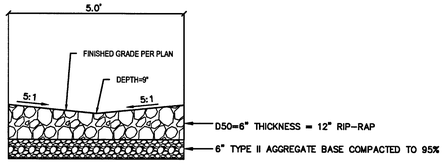
PROJECT: ELBERT EDWARDS E.S. REPLACEMENT
DRAWING TITLE: FIRE ACCESS PLAN
FACILITY: 4551 DIAMOND HEAD DRIVE

SHEET NO. 26 of 31 VOL. E

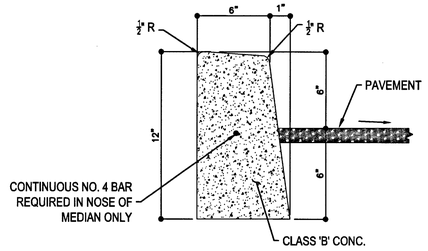
C5.05

L19-00763
CLV NO. 715-215

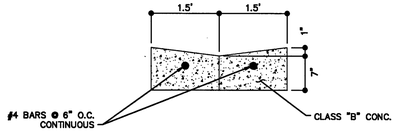
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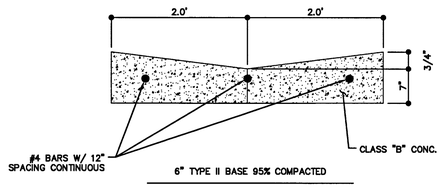
1 C6.01 RIP-RAP SECTION DETAIL
SCALE: NOT TO SCALE



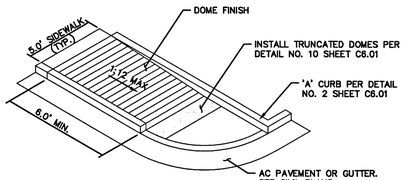
2 C6.01 MODIFIED TYPE 'A' CURB
SCALE: NOT TO SCALE



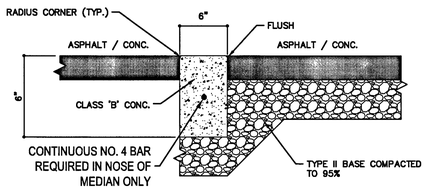
3 C6.01 3' VALLEY GUTTER
SCALE: NOT TO SCALE



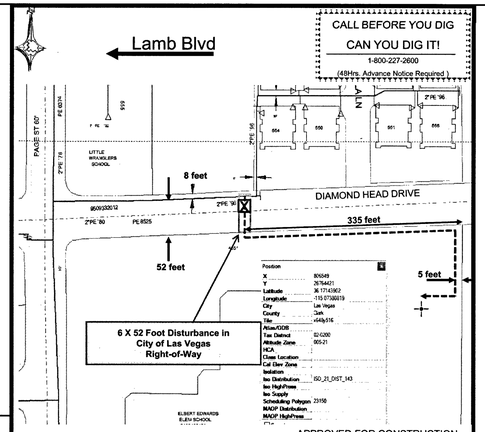
4 C6.01 4 ' VALLEY GUTTER
SCALE: NOT TO SCALE



5 C6.01 DIRECTIONAL CURB RAMP
SCALE: NOT TO SCALE



6 C6.01 DEPRESSED TYPE 'A' CURB
SCALE: NOT TO SCALE



DIAMOND HEAD DRIVE IS PAVED.
BACKFILL & PAVEMENT RESTORATION TO COMPLY WITH RTC STANDARD(S) 503 & 500.5

"ATTENTION: DO NOT SCALE THIS DRAWING. CONFIRM ALL LOCATIONS BEFORE CONSTRUCTION WITH SOUTHWEST GAS"

APPROVED FOR CONSTRUCTION
THIS APPROVAL IS FOR WORK IN CLV R/W OR CLV EASEMENT ONLY. OBTAINING PERMISSION OR EASEMENTS FOR WORK SHOW ON PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY.

SEE Cover of Civil Plan
APPROVAL DATE

WR: 3823708	SOUTHWEST GAS CORPORATION Garth.Breton@swgas.com (480) 273-1316
APN:: 140-32-104-001	
EST START DATE:	
PURPOSE OF WORK: **52' DISTURBANCE IN CITY OF LAS VEGAS RIGHT-OF-WAY.** NPL to install 2 inch service and EFV for 3,000 CFH, 5 foot spread.	LOCATION: **4551 Diamond Head Drive** Diamond Head Drive & Page Street

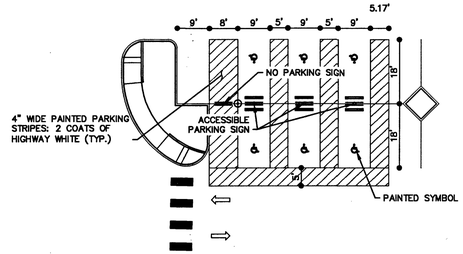
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FAST Call before you UnderGround. 1-702-432-5300 — HIGHWAY AND MUNICIPAL SYSTEM OF TRANSPORTATION



ACCESSIBLE PARKING STALLS
NTS

*SIGN LOCATION SHALL BE PER ADA STANDARDS. SIGNS SHALL ALSO BE PLACED SO AS TO PROVIDE A MIN. 3'-0" CLEAR ACCESS AISLE.

NO PARKING SIGN
NTS

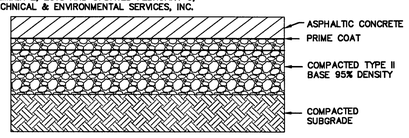
*SIGN LOCATION SHALL BE PER ADA STANDARDS. SIGNS SHALL ALSO BE PLACED SO AS TO PROVIDE A MIN. 3'-0" CLEAR ACCESS AISLE.

ACCESSIBLE PARKING SIGN
NTS

7 C6.01 ACESSIBLE STALLS
SCALE: NOT TO SCALE

PAINTED SYMBOL
NTS

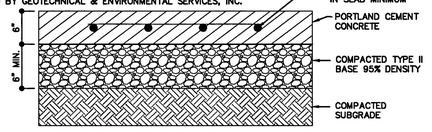
*REFER TO THE GEOTECHNICAL REPORT #20184485E1 AND #20184485E1r, DATED NOVEMBER 2, 2018 AND UPDATED FEBRUARY 6, 2019, PREPARED BY GEOTECHNICAL & ENVIRONMENTAL SERVICES, INC.



ASPHALT PAVEMENT SECTIONS – PER SOILS REPORT		
TYPE	ASPHALTIC CONCRETE (IN.)	TYPE II BASE (IN.)
RESIDENTIAL & ON-SITE PARKING	3.0	10.0
MINOR COLLECTOR & TRAFFIC LANES ON-SITE (FIRE LANE – BUS TURNOUT)	4.0	12.0
MAJOR COLLECTOR (DIAMOND HEAD DR & PAGE ST)	4.0	4.0

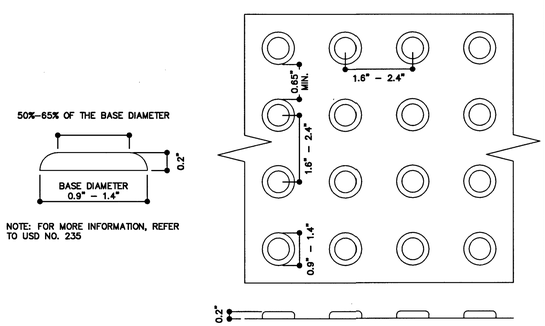
8 C6.01 A.C. PAVEMENT
SCALE: NOT TO SCALE

*REFER TO THE GEOTECHNICAL REPORT #20184485E1 AND #20184485E1r, DATED NOVEMBER 2, 2018 AND UPDATED FEBRUARY 6, 2019, PREPARED BY GEOTECHNICAL & ENVIRONMENTAL SERVICES, INC.



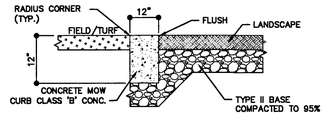
PORTLAND CEMENT CONCRETE (P.C.C.) SECTIONS		
TYPE	P.C.C. (IN.)	TYPE II BASE (IN.)
PARKING LOTS	5.0	6.0
DRIVEWAYS	6.0	6.0
BACKSTOP	3 ½" w/ 6 x 6 – W4 x W4	6.0

9 C6.01 CONCRETE PAVEMENT DETAIL
SCALE: NOT TO SCALE



NOTE: FOR MORE INFORMATION, REFER TO USD NO. 235

10 C6.01 TRUNCATED DOMES
SCALE: NOT TO SCALE



NOTE: FOR CHAIN-LINK FENCE DETAILS, REFER TO ARCHITECTURAL PLANS

11 C6.01 12" CONCRETE MOW CURB
SCALE: NOT TO SCALE

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:

PLANNING & DESIGN	DATE
DESIGN MANAGER	
DM MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
CM MANAGER	
REQUIREMENTS	
SITE ADMINISTRATOR	
CODE COMPLIANCE	
AHERA REVIEW	
FSR/FSHR	

ASBESTOS WORK IS: REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID
0001626

VERNON R. HARKINS Exp. 6-30-19 CIVIL No. 009896 — REGISTERED PROFESSIONAL ENGINEER — STATE OF NEVADA

CCSD PROJECT NO.									
CCSD REVIEW									
APPROVED BY									
DATE									
DRAWN BY									
CHECKED BY									
SUBMITTAL									
A/E PROJECT NO.									
DATE	05/03/2019								
DRAWN BY	RPL/TRI								
CHECKED BY	VRH								
SUBMITTAL	CONFORMED								
A/E PROJECT NO.	SCS-1816								

CONSULTANT
POGGEMEYER DESIGNGROUP
6980 Smoke Ranch, Suite 110
Las Vegas, Nevada 89128
P: 702.656.8300
F: 702.656.8305
www.poggemeyer.com

ARCHITECT
Simpson Coulter | STUDIO
PLANNING • ARCHITECTURE • INTERIOR DESIGN
151 East Warm Springs Road
Las Vegas, Nevada 89119
P: 702-435-1150 F: 702-435-7699
www.simpsoncoulter.com

SC STUDIO

CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.8450

PROJECT: ELBERT EDWARDS E.S. REPLACEMENT
DRAWING TITLE: DETAILS SHEET (1 OF 3)
FACILITY: 4551 DIAMOND HEAD DRIVE

SHEET NO. 27 of 31 VOL. E

C6.01
L19-00762
CLV NO. 715-215

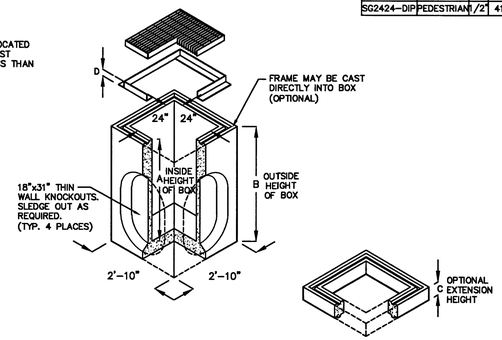
BOX DESIGN LOAD:
H-20 TRAFFIC
FOR COMPLETE DESIGN AND PRODUCT INFORMATION, CONTACT JENSEN PRECAST.

DROP INLET			
MODEL NO.	A	B	*WEIGHT
DI242436	36"	42"	1900 LBS.
DI242448	48"	54"	2500 LBS.

*BOX ONLY

FRAME & GRATE				
MODEL NO.	RATING	D	WEIGHT
SG2424-DIP	PEDESTRIAN	1/2"	41 LBS.

NOTE: ANY DRAIN INLET GRATE LOCATED IN A PEDESTRIAN AREA MUST HAVE GRATE OPENINGS LESS THAN 1/2-INCH.



EXTENSION		
MODEL NO.	C	WEIGHT
RS242406	6"	300 LBS.
RS242412	12"	600 LBS.

JENSEN PRECAST RESERVES THE RIGHT TO MAKE CHANGES TO PRODUCT DESIGN AND/OR DIMENSIONS WITHOUT NOTICE. PLEASE CONTACT JENSEN PRECAST WHENEVER NECESSARY FOR CONFIRMATION OR ADVICE ON PRODUCT DESIGN.

1 C6.02 24" x 24" DRAIN INLET
SCALE: NOT TO SCALE

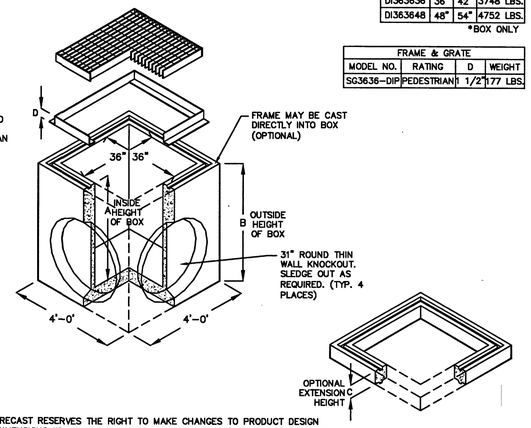
BOX DESIGN LOAD:
H-20 TRAFFIC
FOR COMPLETE DESIGN AND PRODUCT INFORMATION, CONTACT JENSEN PRECAST.

DROP INLET			
MODEL NO.	A	B	*WEIGHT
DI363636	36"	42"	3748 LBS.
DI363648	48"	54"	4752 LBS.

*BOX ONLY

FRAME & GRATE			
MODEL NO.	RATING	D	WEIGHT
SG3636-DIP	PEDESTRIAN	1 1/2"	177 LBS.

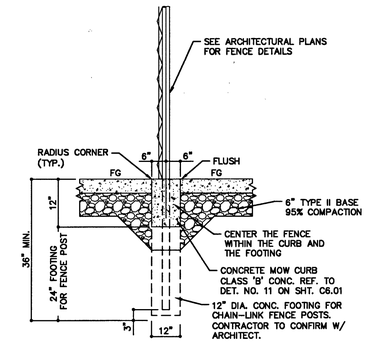
NOTE: ANY DRAIN INLET GRATE LOCATED IN A PEDESTRIAN AREA MUST HAVE GRATE OPENINGS LESS THAN 1/2-INCH.



EXTENSION		
MODEL NO.	C	WEIGHT
RS363606	6"	525 LBS.
RS363612	12"	1050 LBS.

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2 C6.02 36" x 36" DRAIN INLET
SCALE: NOT TO SCALE



3 C6.02 CL FENCE WITH 12" MOW CURB
SCALE: NOT TO SCALE

REVISIONS			
REV:	DESCRIPTION:	DATE:	BY:

PLANNING & DESIGN	DATE
DESIGN MANAGER	
CM MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
CM MANAGER	
REQUIREMENTS	
SITE ADMINISTRATOR	
CODE COMPLIANCE	
AHERA REVIEW	
FSR/FSRR	

ASBESTOS WORK IS: REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID
0001626

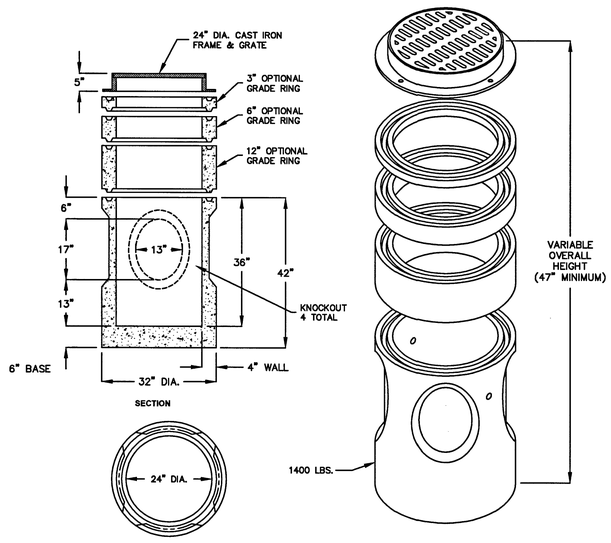
CCSD PROJECT NO.	
CCSD REVIEW	
APPROVED BY	
DATE	
DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
SUBMITTAL	CONFORMED
PW PROJECT NO.	SCS-1616

PROFESSIONAL ENGINEER-STATE OF NEVADA
VERNON R. HARKINS
Exp. 6-30-19
CIVIL
No. 009599

MEETS REQUIREMENTS FOR STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION

TYPE 3 CATCH BASIN

NOTE: ANY DRAIN INLET GRATE LOCATED IN A PEDESTRIAN AREA MUST HAVE GRATE OPENINGS LESS THAN 1/2-INCH.



OPTIONAL GRADE RINGS

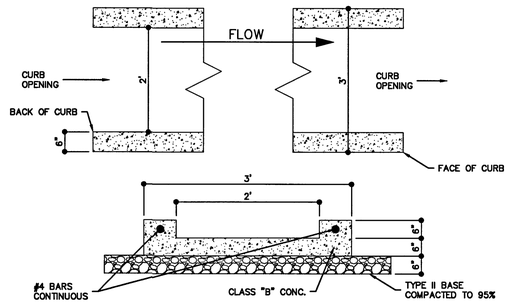
DESCRIPTION	APPROX. WT.
2432 GR-03 GRADE RING	92 LBS.
2432 GR-06 GRADE RING	183 LBS.
2432 GR-12 GRADE RING	366 LBS.

DESIGN LOAD: H-20 TRAFFIC.

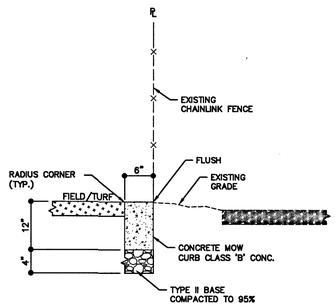
FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

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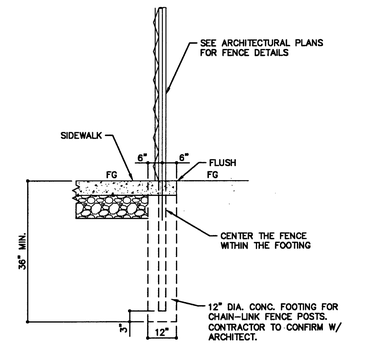
4 C6.02 NO. 200 DROP INLET
SCALE: NOT TO SCALE



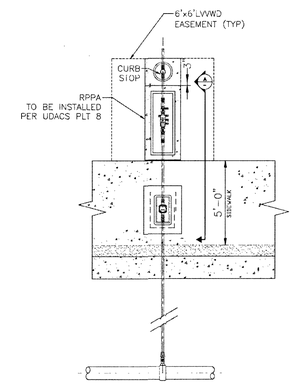
5 C6.02 CONCRETE SLUICE
SCALE: NOT TO SCALE

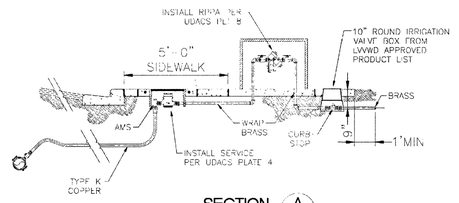


7 C6.02 6" CONCRETE MOW CURB
SCALE: NOT TO SCALE



6 C6.02 CL FENCE WITH 6-INCH SIDEWALK
SCALE: NOT TO SCALE





SECTION A

APPROVED FOR CONSTRUCTION

(LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 136279 FIRST APPROVED DATE: 6/24/19

WATER METER AND BACKFLOW BLOWUP
7 C6.02
SCALE: NOT TO SCALE

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FAST — Call before you UnderGround. 1-702-432-5300 FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

CONSULTANT
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6820 Smoke Ranch Suite 110
Las Vegas, Nevada 89128
p 702.256.8100
f 702.256.8177
www.poggemeyer.com

SCS STUDIO

ARCHITECT
Simpson Coulter | STUDIO
PLANNING • ARCHITECTURE • INTERIOR DESIGN
151 East Warm Springs Road
Las Vegas, Nevada 89119
P: 702-435-1150 F: 702-435-7699
www.simpsoncoulter.com

CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.6450

PROJECT: ELBERT EDWARDS E.S. REPLACEMENT

DRAWING TITLE: DETAILS SHEET (2 OF 3)

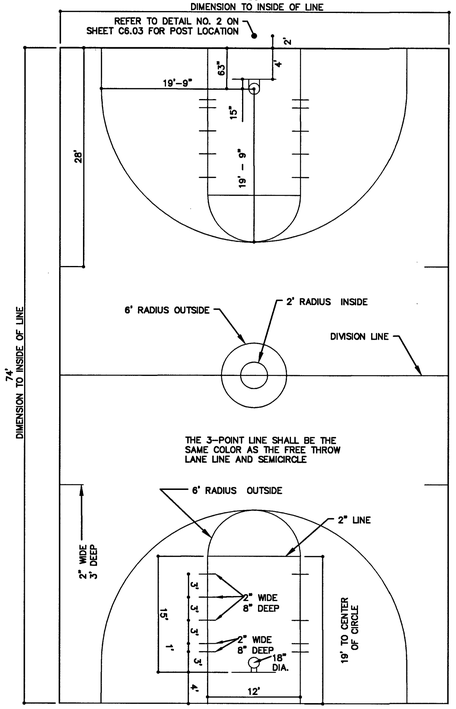
FACILITY: 4551 DIAMOND HEAD DRIVE

PROJ.#:136279A QS:140-32-NW

SHEET NO. 28 of 31 VOL. #

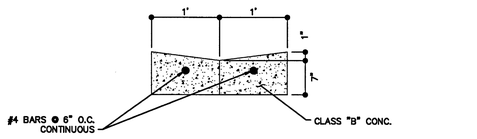
C6.02

L19-00762
CLV NO. 715-215



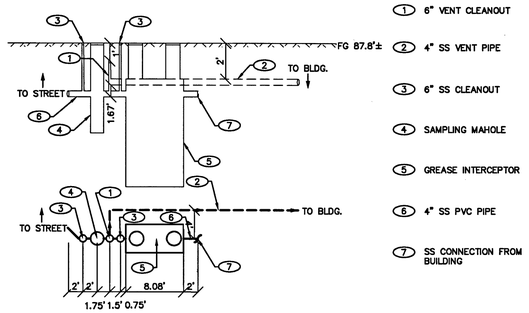
1 C6.03 BASKETBALL COURT

SCALE: NOT TO SCALE



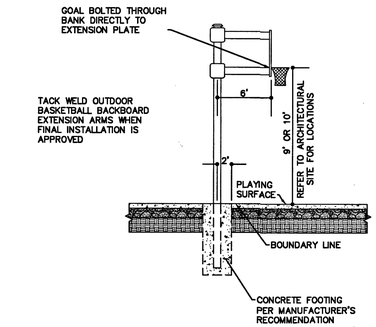
3 C6.03 2 VALLEY GUTTER

SCALE: NOT TO SCALE



4 C6.03 GREASE INTERCEPTOR

SCALE: NOT TO SCALE

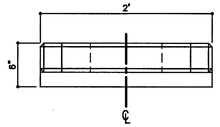


2 C6.03 BASKETBALL STANDARD

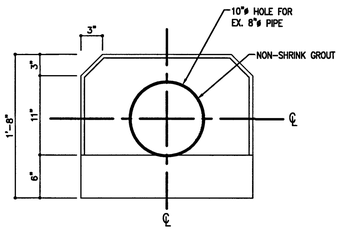
SCALE: NOT TO SCALE

NOTES:

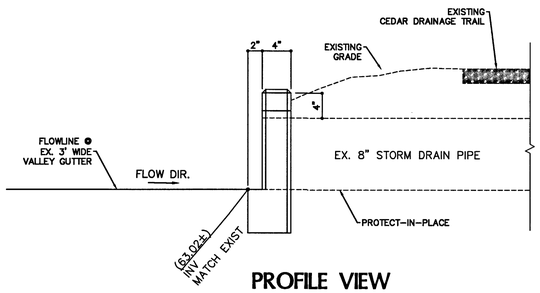
1. REMOVE AND REPLACE EXISTING HEADWALL PER THIS DETAIL OR ENGINEER APPROVED EQUIVALENT DESIGN
2. CONCRETE MINIMUM COMPRESSION STRENGTH: F'c = 5,000 PSI @ 28 DAYS
3. REINFORCING STEEL: ASTM A615, Fy = 60,000 PSI



PLAN VIEW



SIDE VIEW

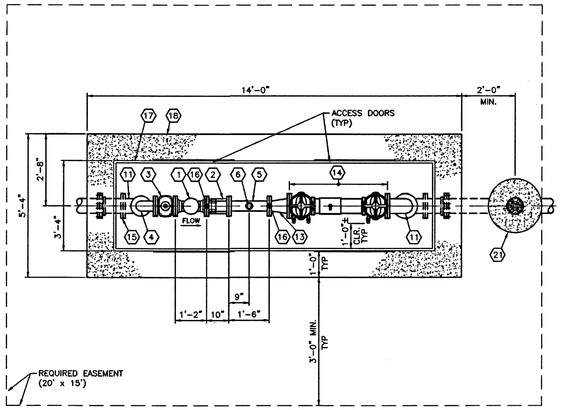


PROFILE VIEW

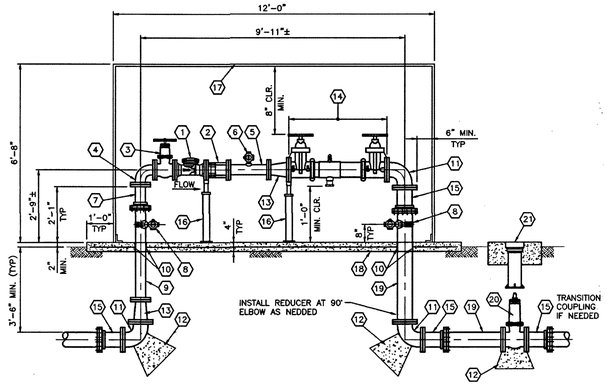
HEADWALL FOR EXISTING 8" STORM DRAIN PIPE

5 C6.03

SCALE: NOT TO SCALE



PLAN



ELEVATION

INSTALLATION NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY AND ALL DAMAGED OR DISTURBED EXISTING LANDSCAPING AND IRRIGATION FACILITIES, IN AND ADJACENT TO PROJECT SITE, DURING CONSTRUCTION OPERATIONS.
2. CONTRACTOR TO HAVE NEVADA LICENSED PROFESSIONAL LAND SURVEYOR LOCATE LVVWD EASEMENT PRIOR TO CONSTRUCTION.
3. CONTRACTOR TO LOCATE ONSITE PIPING AND CONFIRM DIAMETER, PIPE DEPTH, AND PIPE MATERIAL PRIOR TO ORDERING MATERIAL AND INSTALLATION.
4. CONTRACTOR TO VERIFY DIMENSIONS OF CABINET BASED ON INSTALLED DIMENSIONS OF PIPE AND FITTINGS PRIOR TO FABRICATION.
5. CONTRACTOR TO INSTALL VALVE LOCK DEVICE WITH DISTRICT PROVIDED LOCK (AS REQUIRED).

MATERIAL LIST

(1) 4" METER MASTER OCTAVE WATER METER (LVVWD FURNISHED)	(12) CONCRETE THRUST/ANCHOR BLOCK
(2) 4" RESTRAINED DISMANTLING JOINT	(13) 6" X 4" FLG REDUCER
(3) 4" FLG GATE VALVE WITH HANDWHEEL	(14) 6" REDUCED PRESSURE PRINCIPLE (RPPA) BACKFLOW ASSEMBLY
(4) 4" FLG 90° BEND	(15) 6" ADAPTER FLANGE (RESTRAINED)
(5) 4" FLG x FLG DUCTILE IRON PIPE WITH 2" NPT OUTLET	(16) ADJUSTABLE PIPE SUPPORT
(6) 2" CORP STOP	(17) INSULATED ENCLOSURE w/ 4 DOORS
(7) 4" ADAPTER FLANGE (RESTRAINED)	(18) CONCRETE PAD WITH WELDED WIRE FABRIC, 4 x 4 – W1.4 x W1.4
(8) 2" SERVICE SADDLE AND 2" CORP STOP (BYPASS) NOT REQUIRED ON LOOPED SERVICES)	(19) 6" FLG x PE DUCTILE IRON PIPE (CUT TO FIT)
(9) 4" FLG x PE DUCTILE IRON PIPE (CUT TO FIT)	(20) 6" FLG GATE VALVE
(10) 1/2" EXPANSION JOINT MATERIAL	(21) VALVE BOX AND COLLAR (NOTE 5)
(11) 6" FLG 90° BEND	

4" OCTAVE WITH 6" REDUCED PRESSURE PRINCIPLE ASSEMBLY

5 C6.03

SCALE: NOT TO SCALE

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

PROJECT NO. 136279 FIRST APPROVED DATE: 6/24/19

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD 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 OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.



REVISIONS

REV:	DESCRIPTION:	DATE:	BY:

PLANNING & DESIGN	DATE
DESIGN MANAGER	
CM MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
CM MANAGER	
REQUIREMENTS	
SITE ADMINISTRATOR	
CODE COMPLIANCE	
AHERA REVIEW	
FSR/FSIRR	

ASBESTOS WORK IS: REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID 0001626

PROFESSIONAL ENGINEER-STATE OF NEVADA — VERNON R. HARKINS — Exp. 6-30-19 — CIVIL — No. 009999

CCSD PROJECT NO.			
CCSD REVIEW			
APPROVED BY			
DATE		DATE	05/03/2019
DRAWN BY		DRAWN BY	RPL/TRI
CHECKED BY		CHECKED BY	VRH
SUBMITTAL		SUBMITTAL	CONFORMED
V.V. PROJECT NO.		V.V. PROJECT NO.	SCS-1816

CONSULTANT
POGGEMEYER DESIGNGROUP
6980 Sheila Road, Suite 110
Las Vegas, Nevada 89119
p 702.255.6000
f 702.255.6001
www.poggemeyer.com

ARCHITECT
Simpson Coulter | STUDIO
PLANNING • ARCHITECTURE • INTERIOR DESIGN
151 East Warm Springs Road
Las Vegas, Nevada 89119
P: 702-435-1150 F: 702-435-7699
www.simpsoncoulter.com

SC STUDIO

CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.6450

PROJECT: ELBERT EDWARDS E.S. REPLACEMENT

DRAWING TITLE: DETAILS SHEET (3 OF 3)

FACILITY: 4551 DIAMOND HEAD DRIVE

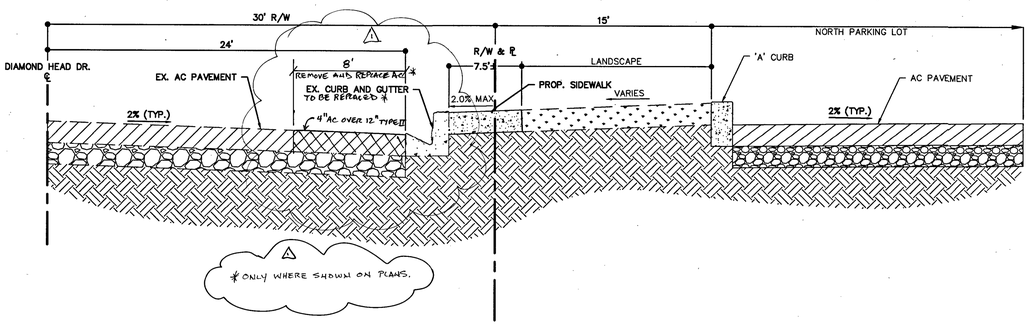
SHEET NO. 29 of 31 VOL. E

C6.03

L19-00076?

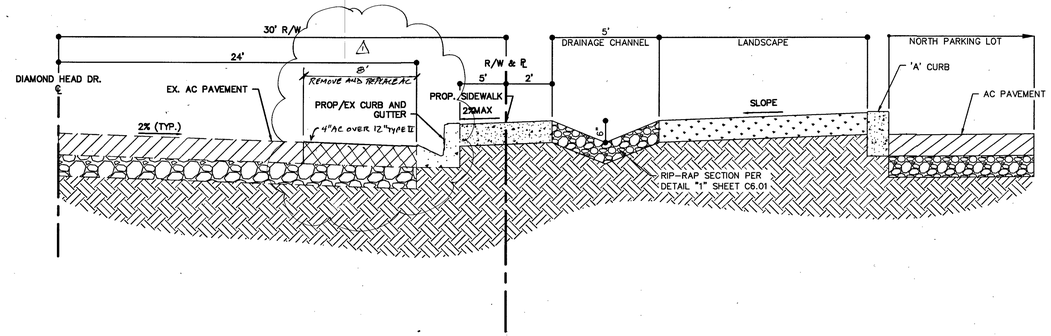
CLV NO. 715-215

PROJ.#:136279A QS:140-32:NW



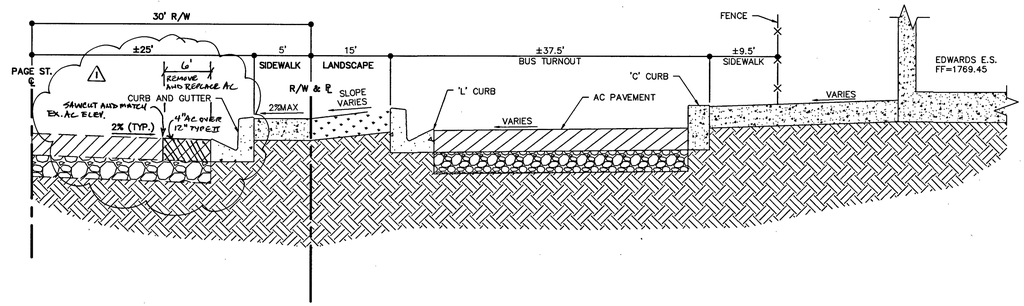
1 C6.04 DIAMOND HEAD DR. (PUBLIC)

SCALE: NOT TO SCALE



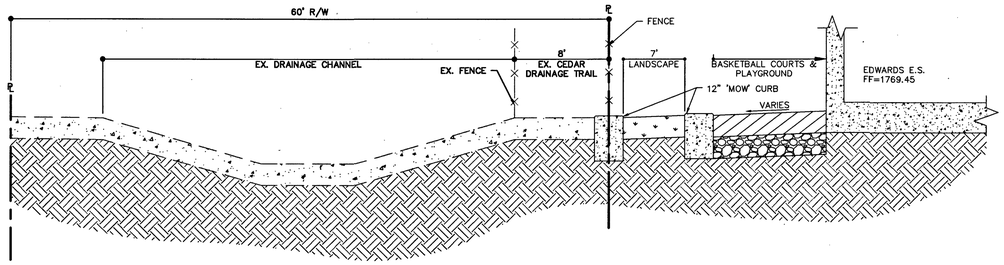
2 C6.04 DIAMOND HEAD DR. (PUBLIC)

SCALE: NOT TO SCALE



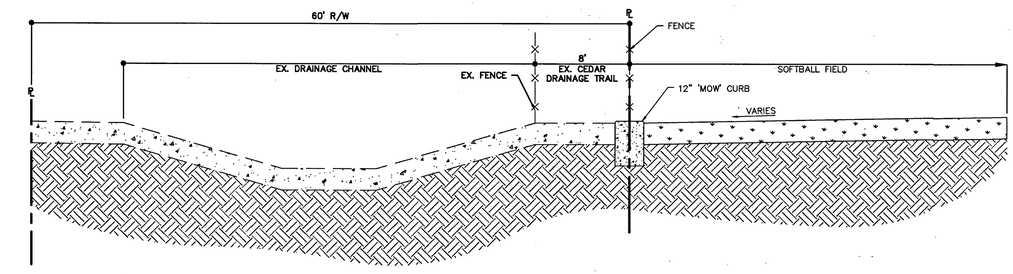
3 C6.04 PAGE ST. (PUBLIC)

SCALE: NOT TO SCALE



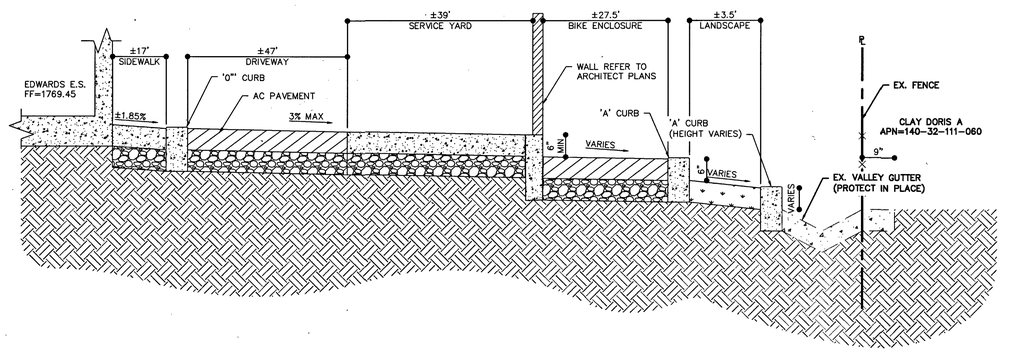
4 C6.04 CEDAR DRAINAGE TRAIL (PUBLIC)

SCALE: NOT TO SCALE



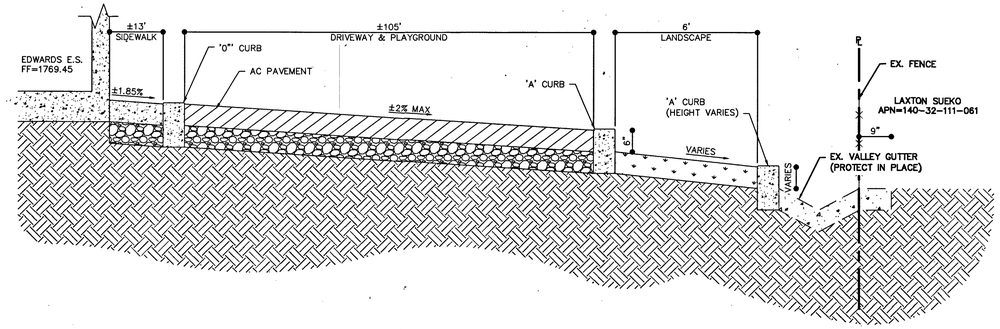
5 C6.04 CEDAR DRAINAGE TRAIL (PUBLIC)

SCALE: NOT TO SCALE



6 C6.04 ONSITE BIKE ENCLOSURE

SCALE: NOT TO SCALE



7 C6.04 ONSITE EAST PLAYGROUND

SCALE: NOT TO SCALE

DISCLAIMER NOTE

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Call before you Dig — Avoid cutting underground Utility lines. It's costly. Call 811 or 1-800-227-2600

AVOID HITTING OVERHEAD POWER LINES (TO OBJECT) — CALL BEFORE YOU TOUCH OVERHEAD — 1-702-227-2929

FAST — Call before you UnderGround. 1-702-432-5300 — FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:
1	REVISE DETAIL 1, 2, AND 3	3/18/20	

PLANNING & DESIGN	DATE
DESIGN MANAGER	
DM MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
CM MANAGER	
REQUIREMENTS	
SITE ADMINISTRATOR	
CODE COMPLIANCE	
AHERA REVIEW	
FSR/FSIR	

ASBESTOS WORK IS: REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID 0001626

PROFESSIONAL ENGINEER - STATE OF NEVADA — VERNON R. HARKINS — Exp. 6-30-19 — CIVIL — No. 009898 — SEAL

CCSD PROJECT NO.	
CCSD REVIEW	
APPROVED BY	
DATE	
DATE	05/03/2019
DRAWN BY	RPL/TRJ
CHECKED BY	VRH
SUBMITTAL	CONFORMED
A/E PROJECT NO.	SCS-1616

CONSULTANT: POGGEMEYER DESIGNGROUP — 8965 Prairie Ranch Trails 110, Las Vegas, Nevada, 89178, p) 702.835.8300, f) 702.835.8301, www.poggemeyer.com

ARCHITECT: Simpson Coulter | STUDIO — PLANNING • ARCHITECTURE • INTERIOR DESIGN — 151 East Warm Springs Road, Las Vegas, Nevada 89119, P: 702-435-1555, F: 702-435-7699, www.simpsoncoulter.com

CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702-799-8450

PROJECT: ELBERT EDWARDS E.S. REPLACEMENT

DRAWING TITLE: TYPICAL SECTIONS

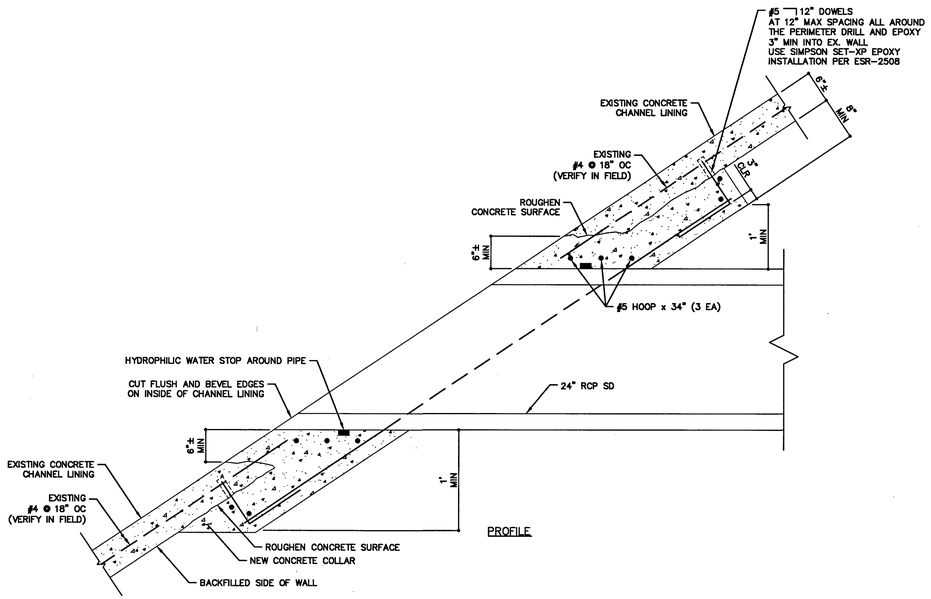
FACILITY: 4551 DIAMOND HEAD DRIVE

SHEET NO. 30 of 31 VOL. E

C6.04

L19-00762

CLV NO. 715-215

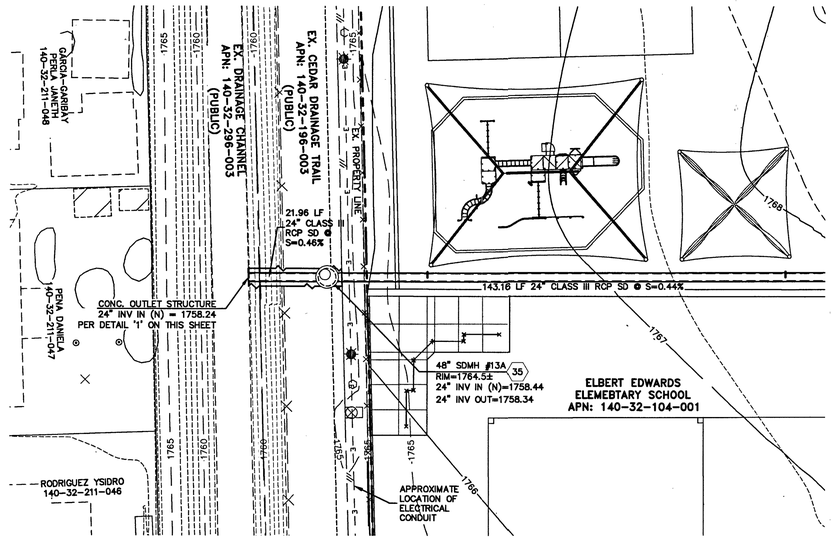


NOTES:

1. SAWCUT 1-INCH DEEP X PIPE OD + 12" SQUARE SCORE LINE ON EA. FACE OF LINING (VERIFY DEPTH OF CUT TO CLEAR REINFORCEMENT)
2. CHIP TO REMOVE THE CONCRETE WITHIN THE SCORE LINE, WHILE PRESERVING THE EXISTING LINING REINFORCING.
3. CUT EXISTING REINFORCING AT CENTER OF OPENING AND BEND TO CLEAR PIPE.
4. GRIND 1½" WIDE X CONT SMOOTH SURFACE ALL AROUND THE OPENING AT CENTER OF LINING. CLEAN SURFACES AND BOND CONTINUOUS HYDROPHILIC WATERSTOP IN PLACE.
5. COAT CONCRETE ENCASED PORTION OF PIPE W/ SIKADUR 35, HI-MOD LV LPL OR ENGINEER APPROVED EQUIVALENT
6. SOAK CONCRETE SURFACE AND WITHIN 15-MINUTES OF CAST CONCRETE CLOSURE

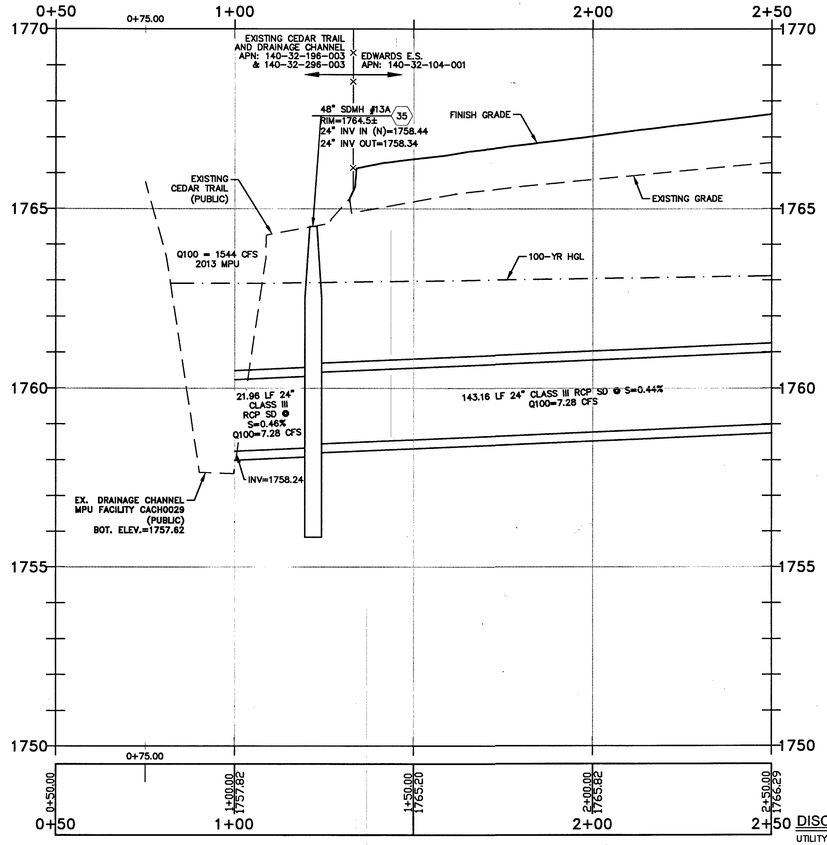
1 / SD1 OUTLET CONCRETE STRUCTURE

SCALE: NOT TO SCALE



SD OUTLET PLAN VIEW

1" = 20'



SD OUTLET PROFILE VIEW

HORIZ 1" = 20', VERT 1" = 2'

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
1 INCH = 20 ft.
(SCALE VALID AT FULL-SIZE, 24X36, ONLY)

DISCLAIMER NOTE

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

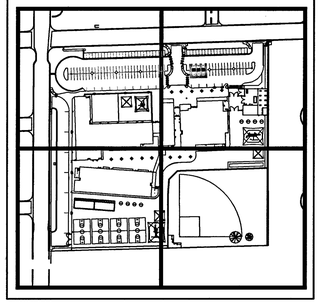
FAST — Call before you UnderGround. 1-702-432-5300 — FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

REVISIONS

REV:	DESCRIPTION:	DATE:	BY:

I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY FOR THIS SITE ON FILE AT THE CITY OF LAS VEGAS

VERNON R. HARKINS, PE #009898 — DATE 6/6/19



PLANNING & DESIGN	DATE
DESIGN MANAGER	
CM MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
CM MANAGER	
REQUIREMENTS	
SITE ADMINISTRATOR	
CODE COMPLIANCE	
ANEXA REVIEW	
FSR/TSRR	

ASBESTOS WORK IS: REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID 0001626

PROFESSIONAL ENGINEER-STATE OF NEVADA — VERNON R. HARKINS — Exp. 6-30-19 — CIVIL — No. 009898

CCSD PROJECT NO.	
CCSD REVIEW	
APPROVED BY	
DATE	
DATE	05/03/2019
DRAWN BY	RJF/MRK
CHECKED BY	VRH
SUBMITTAL	CONFORMED
T/E PROJECT NO.	SCS-1816

CONSULTANT: POGGEMEYER DESIGNGROUP — 8880 Smoke Ranch, Suite 110, Las Vegas, Nevada 89129, p 702.255.4300, f 702.255.4375, www.poggemeyer.com

STUDIO

ARCHITECT: Simpson Coulter | STUDIO — PLANNING • ARCHITECTURE • INTERIOR DESIGN — 151 East Warm Springs Road, Las Vegas, Nevada 89119, P: 702-435-1150 F: 702-435-7699, www.simpsoncoulter.com

CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.799.6450

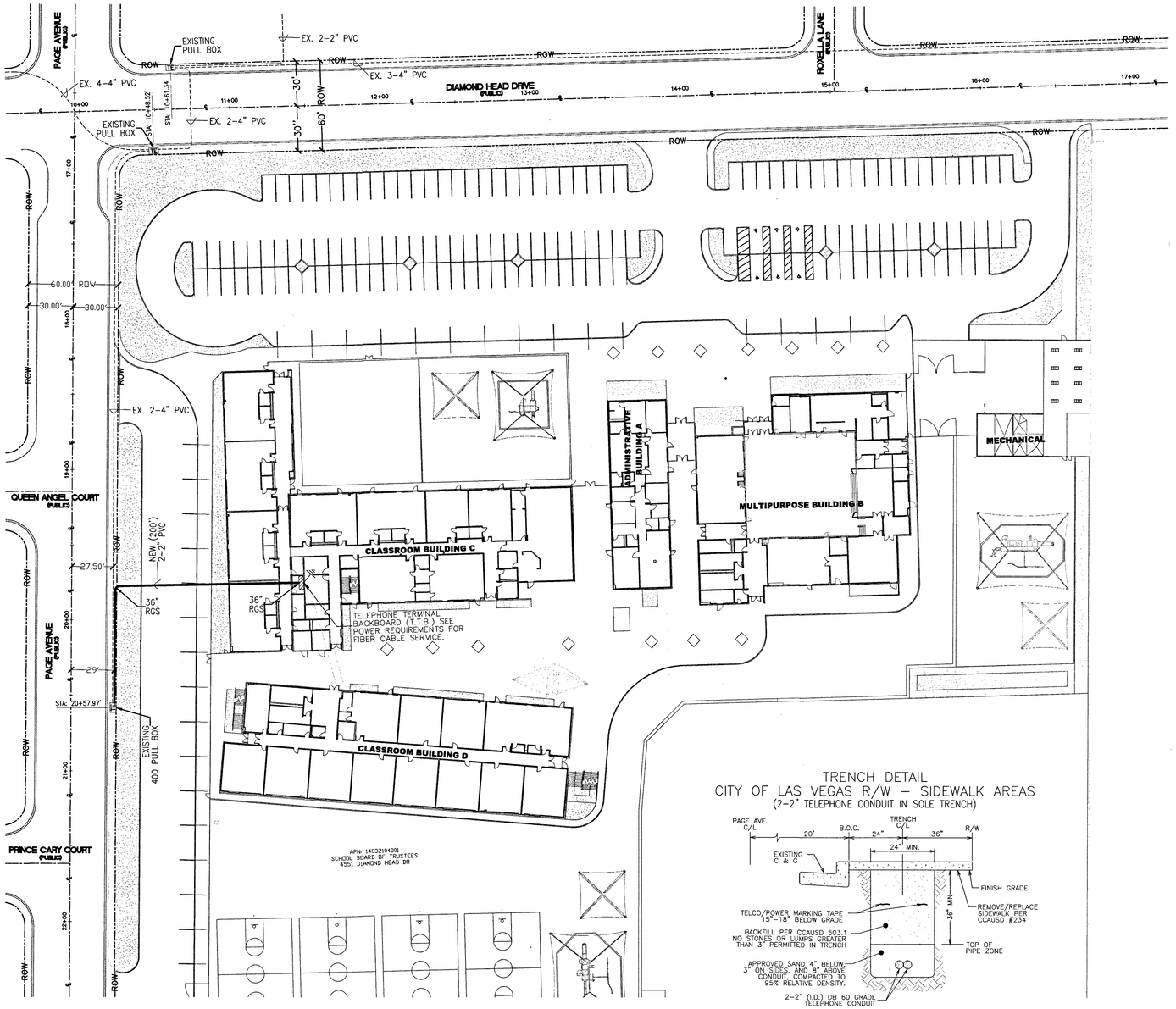
PROJECT: ELBERT EDWARDS E.S. REPLACEMENT
DRAWING TITLE: STORM DRAIN PLAN & PROFILE
FACILITY: 4551 DIAMOND HEAD DRIVE

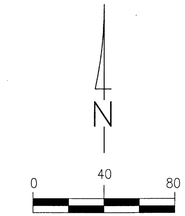
SHEET NO. 31 of 31 — VOL. E

C6.05

L19-00762
CLV NO. 715-815

G:\1810 Edwards ES - Civil\Civil\1810-C6.05.dwg Jun 06 2019 - 8:05am





LEGEND

PROPOSED CONDUIT: P.V.C. – D.B. (DIRECT BURIAL) GRADE: D.B. 60 FOR 1", 2", & 3" D.B. 100 FOR 4"

EXISTING CONDUIT

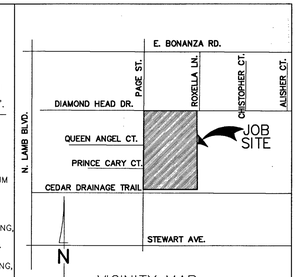
RADIAL BENDS: SCHEDULE 40 PVC (TYPICAL) OR RIGID GALVANIZED STEEL (RGS) WITH DOUBLE WRAPPED 10 MIL. CORROSION PROTECTION TAPE (AS SHOWN). 24" RADIUS FOR 1"; 36" RADIUS FOR 2"; 48" RADIUS FOR 3" & 4".

EXISTING	PROPOSED	
○	○	MANHOLE – INCLUDE REQUIRED GRADE RINGS, RACKING, GROUNDING, STEP RUNGS AND LADDER – REFER TO DRAWING FOR SIZE/TYPE.
□	□	400 PULL BOX (3'0" x 5'0" x 4'0" I.D.) – WITH TWO (2) HINGED ALUMINUM TORSION–ASSISTED TRAFFIC RATED LIDS MARKED "TELCO", GALVANIZED STEEL ADJUSTING FRAME, AND FOUR (4) 18 HOLE CABLE RACKS (2 EA. SIDE).
▨	▨	200 PULL BOX (2'6" x 4'0" x 4'0" I.D.) – WITH TWO (2) H–20–44 LOADING, HOT DIP GALVANIZED BOLT DOWN BEAM & PLATE TRAFFIC COVERS MARKED "TELCO" AND FOUR (4) 18 HOLE CABLE RACKS (2 EACH SIDE).
□	□	100 PULL BOX (2'0" x 3'0" x 3'0" I.D.) – WITH TWO (2) H–20–44 LOADING, HOT DIP GALVANIZED BOLT DOWN BEAM & PLATE TRAFFIC COVERS MARKED "TELCO" AND FOUR (4) 18 HOLE CABLE RACKS (2 EACH SIDE).
□	□	30 PULL BOX (17" x 30" x 30" I.D.) – P.C.C. TYPE PULL BOX (ES–30 or T–30CC)
▷	▷	16 HAND HOLE (9" x 15" x 12" I.D.)

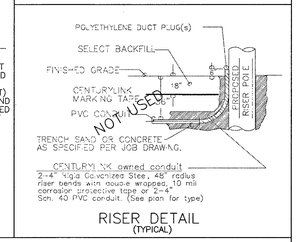
EXISTING	PROPOSED	
⊠	⊠	TERMINAL CABINET 48" x 48" x 6"
▭	▭	TERMINAL CABINET 36" x 36" x 6"

UNDERWRITER LABORATORY APPROVED, RAIN–TIGHT WITH A NON–LOCKING, SIDE–HINGED DOOR QUIPPED INSIDE WITH A ¾" PLYWOOD BACKBOARD (1" SMALLER ON ALL SIDES, CENTERED IN CABINET) SECURED WITH RECESSED MOUNTING HARDWARE AND A # 6 GROUND WIRE CONNECTED TO THE APPROVED COMMUNICATION GROUNDING SOURCE, AND A 120V AT 20AMPS OUTLET WITHIN 6' AS DETERMINED BY THE ELECTRICAL ENGINEER FOR THIS BUILDING OR DEVELOPMENT. MOUNT CABINET AT EYE LEVEL A MINIMUM OF 48" ABOVE FINISH GRADE.

▨ ▨ TELEPHONE TERMINAL BACKBOARD (T.T.B.) – SEE PLAN FOR SIZE REQUIREMENTS; 3/4" PLYWOOD BACKBOARD TREATED WITH FIRE RETARDANT PAINT OR SEALER AND A # 6 GROUND WIRE CONNECTED TO THE APPROVED COMMUNICATION GROUNDING SOURCE AND A 120V AT 20AMPS OUTLET WITHIN 6' AS DETERMINED BY THE ELECTRICAL ENGINEER FOR THIS BUILDING OR DEVELOPMENT. BACKBOARDS SMALLER THAN 4'x8' (i.e. 2' x 2' & 4' x 4') SHOULD BE MOUNTED 40" ABOVE THE FLOOR.



VICINITY MAP
T–R–S: 20S–62E–32



RISER DETAIL
(TYPICAL)

CONSTRUCTION NOTES

1. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST ISSUE OF THE CENTURYLINK UNDERGROUND SPECIFICATIONS.
2. ALL CONDUIT, TRENCHING AND SUBSTRUCTURES ARE TO BE PROVIDED BY THE DEVELOPER AND CONFORM WITH CENTURYLINK STANDARDS. ALL BACKFILLING AND RESTORATION WORK SHALL CONFORM TO THE REGIONAL TRANSPORTATION COMMISSION OF SOUTHERN NEVADA (RTC) UNIFORM STANDARD DRAWINGS.
3. WHEN EXISTING TELEPHONE FACILITIES (i.e. POLES, MANHOLES, PULL BOXES, CONDUIT, TERMINALS, etc.) ARE AFFECTED BY IMPROVEMENTS AS REQUIRED BY LOCAL ORDINANCE (i.e. STREETS, SIDEWALKS, GUTTERS, SEWERS, STORM DRAINS etc.), THE DEVELOPER SHALL BE RESPONSIBLE FOR THE ADJUSTMENT OF THESE FACILITIES AS REQUIRED.
4. TELEPHONE BOXES ARE TO BE PLACED BEHIND THE CURB LINE AND/OR IN THE SIDEWALK AREA WHENEVER POSSIBLE AND SITUATED TO AVOID DRIVEWAYS AND HANDICAP RAMPS. ALL TRENCHING WILL BE OF A MINIMUM DEPTH TO MAINTAIN 36" COVER FROM FINAL GRADES TO TOP OF PIPE (EXCEPT WHEN ENTERING TELEPHONE BOXES). MAINTAIN 12" MINIMUM SEPARATION FROM FOREIGN UTILITIES. BOXES WILL BE ESTABLISHED TO FINISH GRADE.
5. ALL PULL BOXES (2'–0" X 3'–0" AND LARGER) AND MANHOLES ARE TO BE GROUNDED WITH A 3/8" x 1/16" TINNED SOFT COPPER BONDING RIBBON PLACED VERTICALLY AROUND THE BOTTOM OF THE BOX WITH 3' ENDS STUBBED INSIDE.
6. ALL TELEPHONE BOXES NOT IN SIDEWALK AREAS WILL BE REQUIRED TO HAVE A PROTECTIVE CONCRETE COLLAR, RE–ENFORCED WITH REBAR, POURED AROUND THE TOP PORTION OF THE BOX PER CENTURYLINK SPECIFICATIONS.
7. USE EXISTING PRECAST TERMINATORS TO JOIN SUBSTRUCTURES WHENEVER POSSIBLE. IF EXISTING TERMINATORS ARE NOT AVAILABLE THEN THE CONTRACTOR SHALL CORE DRILL, PLACE END BELLS AND PROPERLY GROUT THE CONDUIT INTO THE PRE–DETERMINED LOCATION. CONTACT THE CENTURYLINK INSPECTOR AT 244–7811, 24 HOURS IN ADVANCE TO DETERMINE THE EXACT ENTRANCE LOCATION. ENTERING THE SIDE OF A CENTURYLINK MANHOLE OR PULL BOX IS NOT PERMITTED UNLESS APPROVED BY CENTURYLINK.
8. WHEN A PULL BOX OR MANHOLE IS SITUATED WITHIN 50' OF A POWER TRANSFORMER, THE DEVELOPER/ CONTRACTOR SHALL PROVIDE AND INSTALL A #6 AWG STRANDED COPPER WIRE WITH GREEN PVC INSULATION FROM THE PULL BOX OR MANHOLE TO THE POWER TRANSFORMER (EXCLUDING 30 BOXES AND SMALLER). LEAVE A 4 FOOT TAILING END INSIDE THE SUBSTRUCTURE AND INCLUDE ALL CLAMPS NECESSARY TO FASTEN THE GROUNDING WIRE TO THE TRANSFORMER GROUND ROD OR COUNTERPOISE. THE GROUND WIRE SHALL ENTER THE SUBSTRUCTURE THROUGH THE 1" PVC GROUND SLEEVE.
9. WHEN JOINING EXISTING STUB–OUTS, THE LOCATION AND VALIDITY OF THE STUB–OUTS ARE ASSUMED AND BASED OFF RECORDS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF THE EXISTING CONDUIT STUB–OUT. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE, PROVE AND PLACE PULL STRING IN THE EXISTING CONDUIT AS PART OF CONNECTING TO THE STUB FOR EXTENSION TO THIS PROJECT. IF THE CONDUIT CANNOT BE PROVED OR IS IDENTIFIED AS BEING DAMAGED THEN THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR THE DUCTS WHERE DAMAGED OR INSTALL NEW CONDUIT BACK TO THE EXISTING TRUE POINT OF RE–ENFORCABLE SERVICE (i.e. POLE, MANHOLE OR PULL BOX) AT THE DEVELOPERS EXPENSE.
10. THE CONTRACTOR SHALL PROVE AND MANDREL ALL CONDUIT AFTER BACKFILLING WHILE A CENTURYLINK INSPECTOR IS PRESENT. MANDREL SIZE IS TO BE 1/4" SMALLER THAN THE INSIDE DIAMETER OF THE CONDUIT.
11. THE CONTRACTOR SHALL PROVIDE AND INSTALL A MEASURING TAPE CONSISTING OF WATER PROOF, 400 POUND TENSILE STRENGTH, MARKED IN ONE FOOT OR LESS INCREMENTS IN AT LEAST ONE DUCT OF ALL CONDUIT SECTIONS. ALL OTHER DUCTS IN A MULTIPLE DUCT SYSTEM WILL HAVE A 3/32" JET LINE PULL STRING WITH 400 POUND TENSILE STRENGTH.
12. A POLYETHYLENE DUCT PLUG SHALL BE INSTALLED IN ALL CONDUIT WHERE TERMINATED OR STUBBED.
13. CONCRETE ENCASEMENTS SHALL CONSIST OF 3/4" AGGREGATE, TYPE V, PORTLAND CEMENT CONCRETE. THE ENCASEMENT SHALL BE A MINIMUM OF 2" BETWEEN THE CONDUIT AND A MINIMUM OF 3" ON THE TOP, BOTTOM AND SIDES OF THE DUCT BANK.
14. PROTECTIVE POSTS SHALL BE 4" RIGID STEEL PIPE, SIX FEET IN LENGTH, FILLED AND SET IN CONCRETE AT LOCATIONS SHOWN. THE TOP OF THE PROTECTIVE POST SHALL BE 36 INCHES ABOVE THE PROPOSED FINISHED GRADE AND PAINTED WITH YELLOW STREET MARKING PAINT.
15. PLYWOOD BACKBOARDS ARE TO BE TREATED WITH FIRE RETARDANT MATERIAL, PAINT, OR SEALER.
16. ALL TERMINALS, BACKBOARDS, CABINETS, ETC., SHALL BE EQUIPPED WITH A #6 GAUGE GROUND WIRE, RUN TO AN APPROVED GROUND SOURCE.
17. IN ORDER TO INSURE ADEQUATE FACILITIES ARE PROVIDED FOR THIS PROJECT, IT IS IMPERATIVE THAT THIS CONDUIT RECOMMENDATION NOT BE CHANGED WITHOUT CENTURYLINK OUTSIDE PLANT ENGINEERING APPROVAL.
18. CENTURYLINK WILL REQUIRE "AS–BUILT" FOOTAGES PRIOR TO ORDERING CABLE TO SERVE THIS DEVELOPMENT. THESE FOOTAGES MUST BE RECEIVED SIX WEEKS PRIOR TO SERVICE INSTALLATION DUE DATES.
19. CALL 244–7811 TO SCHEDULE INSPECTIONS 24 HOURS IN ADVANCE. REQUESTS RECEIVED AFTER 11:00 AM MAY NOT BE SCHEDULED FOR THE FOLLOWING WORKDAY.

CONTRACTOR / DEVELOPER NOTE

1. THE DEVELOPER/CONTRACTOR SHALL CALL 244–7811 TO SCHEDULE INSPECTIONS 24 HOURS IN ADVANCE. REQUESTS RECEIVED AFTER 11:00 AM MAY NOT BE SCHEDULED FOR THE FOLLOWING WORKDAY.
2. ANY MODIFICATIONS TO THE CENTURYLINK DESIGN MUST BE APPROVED BY THE ENGINEER.
3. THESE PLANS WILL BE VALID FOR SIX MONTHS FROM DATE OF ISSUE.

CITY OF LAS VEGAS PERMIT REQUIRED *

DEVELOPER/CONTRACTOR SHALL OBTAIN A CITY PERMIT BEFORE ANY EXCAVATION WORK WITHIN CITY OF LAS VEGAS RIGHT–OF–WAY

* CENTURYLINK INSPECTOR WILL VERIFY CITY PERMIT FOR WORK DONE WITHIN CITY OF LAS VEGAS RIGHT–OF–WAY

INSPECTOR: DATE:

PROJECT REQUIREMENTS:

NDOT PERMIT:	☐
BLM GRANT:	☐
BOR GRANT:	☐
U.S.F.S.:	☐
U.P.R.R. PERMIT:	☐
SNWA PERMIT:	☐
3rd PARTY EASM'T:	☐
OTHER:	☒
NOT REQUIRED:	☐

REMARKS:

OWNER/CONTACT: BLAKE CUMBERS
TELEPHONE: 702 799–8710

TOWNSHIP: 20S		
RANGE: 62E	CONTRACT ENGINEER: NAME: F. CORREA	COMMUNITY NAME:
SECTION: 32	COMPANY: OUTSOURCE, INC	WC CLLI:

TRENCH DETAIL
CITY OF LAS VEGAS R/W – SIDEWALK AREAS
(2–2" TELEPHONE CONDUIT IN SOLE TRENCH)

APPROVED FOR CONSTRUCTION
THIS APPROVAL IS FOR WORK IN CLV R/W OR CLV EASEMENTS ONLY. OBTAINING PERMISSIONS OR EASEMENTS FOR WORK SHOWN ON PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY.

SEE COVER OF CIVIC PLAN
APPROVAL DATE

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 ISSUE; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE.

SERVICE CANNOT BE PROVIDED WITHOUT APPROVED OPEN TRENCH AND FINAL INSPECTION BY A CENTURYLINK INSPECTOR.

RTC SOUTHERN NEVADA NOTES:

- FOR ASPHALT CUT AND RESTORATION REQUIREMENTS, SEE RTC UNIFORM STANDARD DRAWING SERIES 500.1, 500.2, 500.3, 500.4 AND 500.5
- FOR SIDEWALK REMOVAL AND REPLACEMENT REQUIREMENTS SEE RTC UNIFORM STANDARD DRAWING 234
- FOR TYPICAL U.G. UTILITY LOCATIONS UNDER STREETS AND SIDEWALKS, SEE RTC UNIFORM STANDARD DRAWINGS 501 AND 501.1
- FOR BACKFILL REQUIREMENTS SEE RTC UNIFORM STANDARD DRAWING 503.1
- SEE COMPLETE RTC UNIFORM STANDARD DRAWINGS FOR FURTHER AGENCY REQUIREMENTS

THIS DRAWING MAY SHOW APPROXIMATE LOCATIONS OF KNOWN UTILITIES IN THE IMMEDIATE VICINITY OF THE WORK TO BE DONE, BUT CENTURYLINK DOES NOT GUARANTEE OR ASSUME LIABILITY FOR THEIR POSITION OR DEPTH. CONTRACTORS SHALL DETERMINE TO THEIR SATISFACTION THE ACTUAL POSITION AND DEPTH OF EXISTING UTILITIES AS THEY WILL ASSUME THIS LIABILITY DURING THE PERFORMANCE OF THIS WORK.

CENTURYLINK PROPRIETARY

CONSTRUCTION PERMIT REQUIRED BY CONTRACTOR

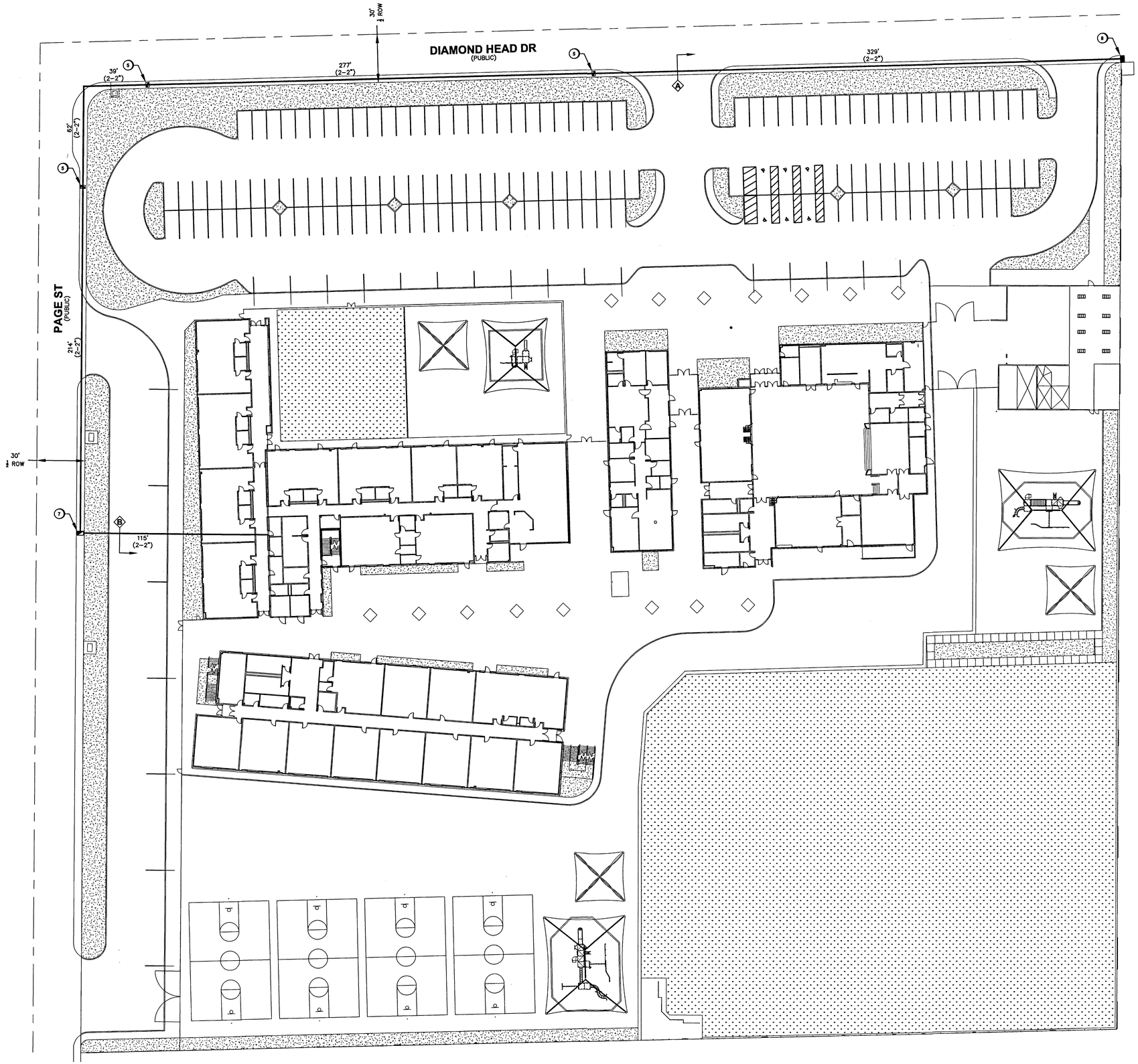
NO.	REVISION	ENGR.	MGR.	DATE
1				
2				
3				

811 Know what's below. Call before you dig.

CenturyLink™ L19–00762 715–915

TITLE: UNDERGROUND CONDUIT		ENG: V. FIGUEROA	M/G: N.566737
REQUIREMENT for		PHONE: 702.244.6902	C/G: E2 LSVGNVXI
LOC: CCSD EDWARDS ELEM. SCHOOL		APP'D BY: V. F.	ISSUE DATE: 06/25/19
DIAMOND HEAD DR. & PAGE ST.	SCALE: 1"= 40'	SHT. NO: 1 of 1	

319



LEGEND

1	■	INSTALL B-36 PULL BOX (24"X36"X24")
2	▨	EXISTING B-36 PULL BOX (24"X36"X24")
3	■	INSTALL B-50 PULL BOX (13"X24"X24")
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5	■	INSTALL B-100 PULL BOX (24"X36"X24")
6	▨	EXISTING B-100 PULL BOX (24"X36"X24")
7	◢	INSTALL T-200 CATV VAULT (30"X48"X36")
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9	◢	INSTALL T-400 CATV VAULT (36"X60"X36")
10	◢	EXISTING T-400 CATV VAULT (36"X60"X36")
11	▭	INSTALL T-600 CATV VAULT (48"X72"X36")
12	▨	EXISTING T-600 CATV VAULT (48"X72"X36")
13	▲	INSTALL NEW CATV PEDESTAL
14	△	EXISTING CATV PEDESTAL
15	□	R&R S/W SLAB(S)
16	○	POTHOLE
17	—C—	SIDEWALK/DIRT TRENCH INSTALL WITH FIBER/COAX PULL
18	—C—	ASPHALT MITIGATION/STREET TRENCH WITH FIBER/COAX PULL
19	—B—	PROPOSED BORE WITH FIBER/COAX PULL
20	—X—	EXISTING CATV CONDUIT(S)
21	—OHC—	PROPOSED OVERHEAD FIBER OPTIC CABLE OR COAX INSTALL
22	—XOHC—	EXISTING OVERHEAD FIBER OPTIC CABLE OR COAX
23	- - -	U.G. FIBER/COAX PULL THROUGH EXISTING CONDUIT
24	———	RIGHT OF WAY LINE
25	—·—·—	LOT/PROPERTY LINE
26	———	EDGE OF PAVEMENT/ SIDEWALK/CONCRETE
27	P	EXISTING NVE PULL BOX
28	T	EXISTING TELCO PULL BOX
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35	⊥	POLE ANCHOR
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38	◬	COX POWER SUPPLY (49"X24"X52")
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40	⊕	RISER POLE/QUADRANT DETAIL RISER OWNERSHIP NOTED
41	|||||||||	RAILROAD
42	MH	EXISTING MANHOLE (SS),(SD)...ECT
43	- - - -	1in CONDUIT LATERAL
44	▥	STORMWATER ASSETS
45		

DISCLAIMER NOTE

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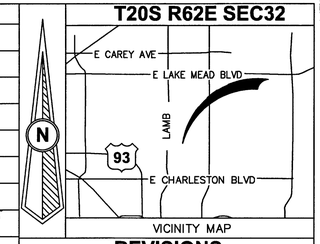
AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEM CABLES!!! STRIKE UNDERGROUND IT'S COSTLY
CALL BEFORE YOU DO UNDERGROUND
CALL BEFORE YOU UNDERGROUND
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
AND
1-702-432-5300
LAS VEGAS AREA COMPUTERIZED SYSTEM

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
CALL 811
BEFORE YOU DIG
OR 1-800-227-2600
UNDERGROUND SERVICE (USA)

AVOID OVERHEAD POWER LINE CONTACT
CALL BEFORE YOU OVERHEAD
1-702-227-2929
NEVADA POWER ENVIRONMENT AND SAFETY SERVICE DEPARTMENT

TOTAL BORE	0'
TOTAL DIRT TRENCH	0'
TOTAL ASPHALT TRENCH	0'
TOTAL TRENCH	0'
SIDEWALK REMOVAL/REPAIR	
TOTAL S/W PANELS	0
TOTAL LINEAR FOOTAGE	0'

T20S R62E SEC32



VICINITY MAP

REVISIONS

REV	DESCRIPTION	DATE	BY
0			

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 ISSUE; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE.

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SEE COVER OF CUIL PLAN
APPROVAL DATE

PERMIT #	152709
DRAWN BY:	WTB
DATE:	6/24/2019
SCALE:	1:30
NODE:	N/A
PROJECT #:	4052019000000152709
TECH #	N/A
APPROVED BY:	YON HARRIS

COX
BRING US CLOSER
1700 VEGAS DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 545-1606
FAX: (702) 545-2606

CITY/ENTITY:
CITY OF LAS VEGAS
333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
(702) 229-6885

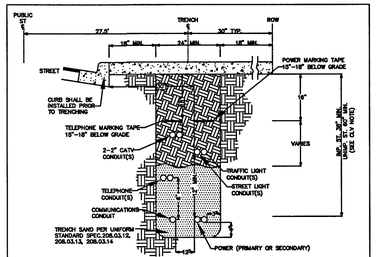
PROJECT LOCATION:
CCSD – EDWARDS ES
PAGE ST & DIAMOND HEAD DR

SUB-CONTRACTOR:
DBA: COX COMMUNICATIONS

ENTITY NOTES:
19-00762 7/5-2015

SHEET No: 1
Sheet 1 of 2

TrueNet# 14221



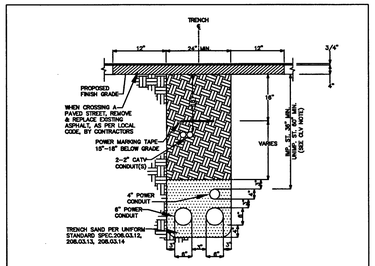
A SIDEWALK TRENCH DETAIL

PRIVATE & PROJECT INTERIOR TRENCH
(NOT TO SCALE)

CLV REQUIREMENTS (APPLICABLE WITHIN CITY OF LAS VEGAS LIMITS ONLY):

IMPROVED AREA (IMP. ST.):(LOCATION OF TRENCH)
AREA WILL BE CONSIDERED IMPROVED IF IT MEETS ONE OR MORE OF THE FOLLOWING CRITERIA(A).
- -EXISTING PERMANENT PAVEMENT WITH CURB & GUTTER AND/OR ADJACENT PERMANENT SIDEWALK
- -WITHIN AN IMPROVED TRAIL AREA
- -LIMITS OF CONSTUCTION INSTALL CONCURRENT WITH A PRIVATE OR PUBLIC PROJECT.

UNIMPROVED AREA (UNIMP. ST.):(LOCATION OF TRENCH)
ANY OTHER SCENARIO THAT FAILS TO MEET THE IMPROVED AREA CRITERA(s) WILL BE CONSIDERED AN UNIMPROVED AREA.



B TRENCH DETAIL

ASPHALT TRENCH
(NOT TO SCALE)

CLV REQUIREMENTS (APPLICABLE WITHIN CITY OF LAS VEGAS LIMITS ONLY):

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AREA WILL BE CONSIDERED IMPROVED IF IT MEETS ONE OR MORE OF THE FOLLOWING CRITERIA(A).
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UNIMPROVED AREA (UNIMP. ST.):(LOCATION OF TRENCH)
ANY OTHER SCENARIO THAT FAILS TO MEET THE IMPROVED AREA CRITERA(s) WILL BE CONSIDERED AN UNIMPROVED AREA.

LEGEND

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42	(MH)	EXISTING MANHOLE (SS),(SD)...ECT
43	-- -- ---	1in CONDUIT LATERAL
44	▥	STORMWATER ASSETS
45		

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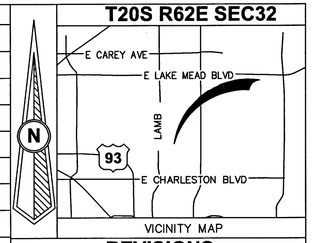
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NEVADA POWER ENVIROMENT AND SAFETY SERVICE DEPARTMENT

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TOTAL DIRT TRENCH	0'
TOTAL ASPHALT TRENCH	0'
TOTAL TRENCH	0'
SIDEWALK REMOVAL/REPAIR	
TOTAL S/W PANELS	0
TOTAL LINEAR FOOTAGE	0'

T20S R62E SEC32



VICINITY MAP

REVISIONS

REV	DESCRIPTION	DATE	BY
0			

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APPROVED FOR CONSTRUCTION

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SEE Cover of Civil Plan
APPROVAL DATE

PERMIT #	152709
DRAWN BY:	WTB
DATE:	6/24/2019
SCALE:	####
NODE:	N/A
PROJECT #:	4052019000001527O9
TECH #	N/A
APPROVED BY:	YON HARRIS

COX
BRING US CLOSER
1700 VEGAS DRIVE
LAS VEGAS, NEVADA 89106
PHONE:(702) 545-1606
FAX: (702) 545-2606

CITY/ENTITY:
CITY OF LAS VEGAS
333 N. RANCHO DRIVE
LAS VEGAS, NEVADA 89106
(702) 229-6885

PROJECT LOCATION: CCSD - EDWARDS ES
PAGE ST & DIAMOND HEAD DR

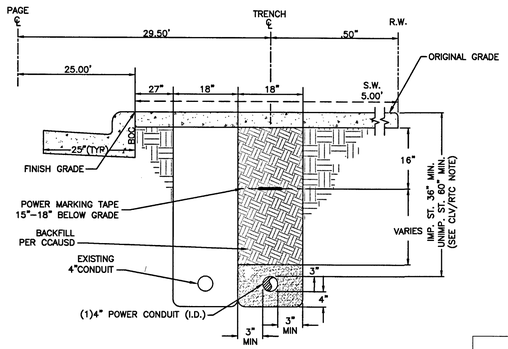
SUB-CONTRACTOR: DBA: COX COMMUNICATIONS

ENTITY NOTES: 219-00762 7-05-21S

SHEET No: **2**
Sheet 2 of 2

TrueNet# 14221

31C



CLV REQUIREMENTS (APPLICABLE WITHIN CITY OF LAS VEGAS LIMITS ONLY):
IMPROVED AREA (IMP. ST.): (LOCATION OF TRENCH)
AREA WILL BE CONSIDERED IMPROVED IF IT MEETS ONE OR MORE OF THE FOLLOWING CRITERIA(S).
- EXISTING PERMANENT PAVEMENT WITH CURB & GUTTER AND/OR ADJACENT PERMANENT SIDEWALK.
- WITHIN AN IMPROVED TRAIL AREA.
- LIMITS OF CONSTRUCTION INSTALLED CONCURRENT WITH A PRIVATE OR PUBLIC PROJECT.

UNIMPROVED AREA (UNIMP. ST.): (LOCATION OF TRENCH)
ANY OTHER SCENARIO THAT FAILS TO MEET THE IMPROVED AREA CRITERIA(S) WILL BE CONSIDERED AN UNIMPROVED AREA.

TRENCH DETAIL
1-4" CONDUIT
SECTION "AA"

!!!! CAUTION !!!!
ENERGIZED CABLES...
CALL BEFORE YOU DIG

NVEnergy REQUIRES 24 HOUR ACCESS TO EQUIPMENT

METER LOCATION & ACCESS REQUIREMENTS
(NV ENERGY STANDARDS RPI-15 & RPI-G)

THIS STANDARD SPECIFIES THE REQUIREMENTS FOR THE LOCATION OF ALL NVENERGY (NVE) METERS AND SERVICE EQUIPMENT WITH THE EXCEPTION OF SINGLE-FAMILY RESIDENTIAL METERS (SEE RPI-2 FOR RESIDENTIAL METERS). REQUIREMENTS IN THIS STANDARD FACILITATE ACCESS TO SERVICE EQUIPMENT BY NVE PERSONNEL FOR PERFORMING OPERATIONS AND MAINTENANCE FUNCTIONS AS WELL AS FOR FIRE AND POLICE AGENCIES IN EMERGENCY SITUATIONS.

METER AND SERVICE ENTRANCE INSTALLATIONS MUST CONFORM TO THE LATEST REVISIONS OF RPI-G AND, SPECIFICALLY, THE "METER ACCESS" AND "METER LOCATIONS" SECTIONS OF RPI-G. THE STANDARD SERVICE POINT WILL BE LOCATED AT THE CORNER OF THE BUILDING NEAREST THE NV ENERGY SUPPLY. ALTERNATE SERVICE POINTS AND METER ROOMS, ALTHOUGH NOT PREFERRED, MAY, AT THE DISCRETION OF NVENERGY, BE ALLOWED PROVIDED THAT THEY MEET THE REQUIREMENTS OF SECTION 6 "ACCESS TO SERVICE EQUIPMENT" AND SECTION 8 "METER ROOMS".

ELECTRIC METER AND SERVICE EQUIPMENT INSTALLATIONS MUST BE READILY ACCESSIBLE TO AUTHORIZED REPRESENTATIVES OF NVE FOR READING, TESTING, AND INSPECTION AT ALL TIMES. CUSTOMER CONTACT WILL NOT BE REQUIRED FOR METER READING. PERMANENT VEHICLE ACCESS TO THE SERVICE EQUIPMENT IS REQUIRED FOR THE INSTALLATION AND MAINTENANCE OF SERVICE CABLES AND METERING EQUIPMENT.

THE SERVICE EQUIPMENT MUST BE ACCESSIBLE 24 HOURS/7 DAYS WITHOUT REQUIRING PASSAGE THROUGH RESTRICTED AREAS OR REQUIRING CUSTOMER CONTACT.

SERVICES 600V AND LESS, THE VEHICLE ACCESS WILL BE A MINIMUM 12' WIDE, 20' HIGH DIRECT PATH TO THE METERING EQUIPMENT.

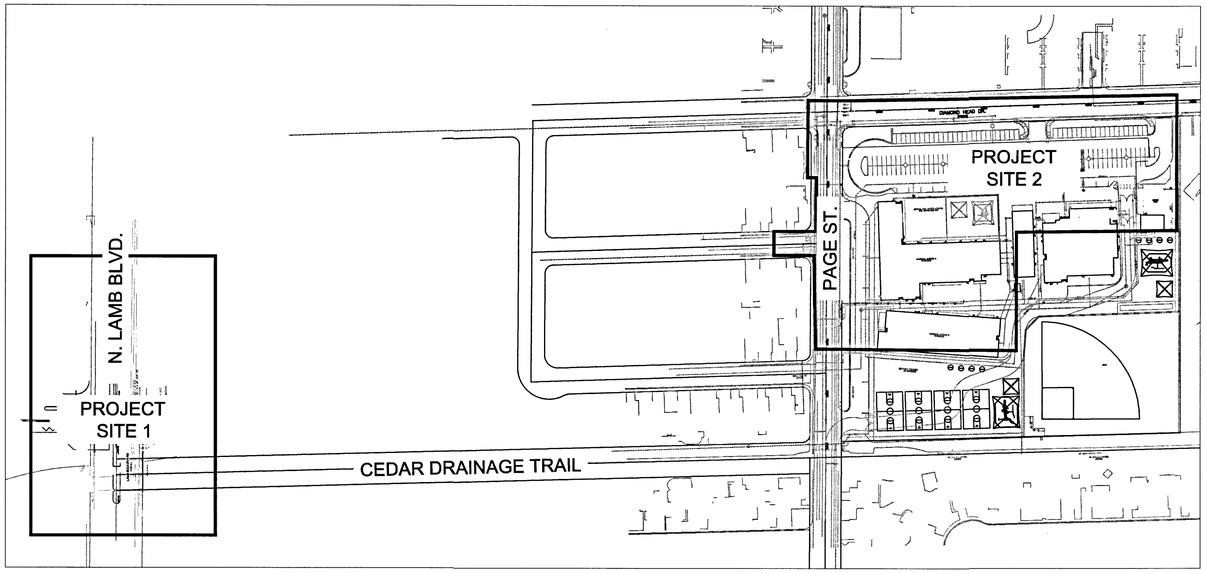
ALL SERVICES GREATER THAN 600V (PRIMARY SERVICE) OR WHERE THE SERVICES INCLUDE THE INSTALLATION OF THREE-PHASE TRANSFORMERS, SWITCH OR FUSE CABINETS, CAPACITOR BANKS, OR OTHER LARGE EQUIPMENT, THE VEHICLE ACCESS WILL BE A MINIMUM 23' WIDE, WITH NO OVERHEAD OBSTRUCTION.

RTC NOTES:
BACKFILL AND RIGHT OF WAY RESTORATION SHALL CONFORM TO CLARK COUNTY UNIFORM STANDARD DRAWINGS

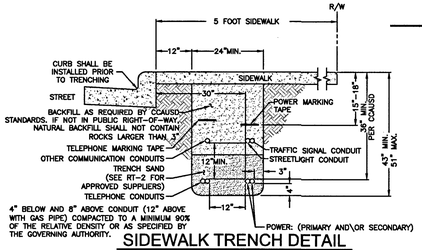
(1)	500.1	0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
(2)	500.2	0 TO 5 YEARS PAVEMENT RESTORATION TRANSVERSE CUT
(3)	500.3	OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT. GREATER THAN 60' R.O.W
(4)	500.4	OVER 5 YRS PAVEMENT RESTORATION LONGITUDINAL CUT. 60' R.O.W OR LESS
(5)	500.5	OVER 5 YRS PAVEMENT RESTORATION TRANSVERSE ALL R.O.W WIDTHS
(6)	501	TYPICAL UNDERGROUND UTILITY LOCATIONS IN RESIDENTIAL STREETS 60' OR LESS R.O.W.
(7)	501.1	TYPICAL UTILITY UNDERGROUND LOCATIONS IN STREETS WITH GREATER THAN 60' R.O.W.
(8)	503	METHOD B FOR RIGID AND FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS
(9)	503.1	METHOD A FOR FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS
(11)	BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY.	
(12)	234	SIDEWALK
(13)	506	UTILITY POTHOLE REPAIR
(14)	216	"L" TYPE CURB AND GUTTER

NV ENERGY SCHEDULING NOTE: DAY (LANE BLOCKS)
THIS PROJECT WAS ESTIMATED WITH THE ASSUMPTION THAT ALL THE WORK BEING PERFORMED ON THIS PROJECT BY NV ENERGY CREWS CAN BE DONE DURING THE DAYTIME AND WILL REQUIRE TRAFFIC CONTROL.

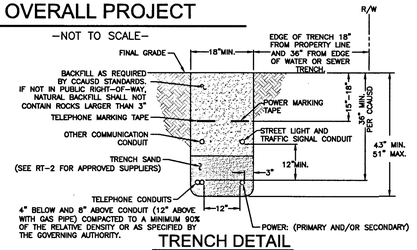
GOVERNMENT APPROVAL OF THESE DRAWINGS DOES NOT INDICATE APPROVAL OF TRAFFIC CONTROL. PLEASE REFER TO THE BARRICADE PLAN FOR APPROVED TRAFFIC CONTROL REQUIREMENTS.



OVERALL PROJECT
-NOT TO SCALE-



SIDEWALK TRENCH DETAIL
NVE U.G. STD. RT-7 (REV. 10/27/2014)
(RESIDENTIAL OR COMMERCIAL)



TRENCH DETAIL
NVE U.G. STD. RT-12 (REV. 10/27/2014)
(RESIDENTIAL AND COMMERCIAL)

FIRE HYDRANT CLEARANCE:
6' RADIUS FROM CENTER OF HYDRANT TO ALL ABOVE GROUND PADS AND/OR EQUIPMENT AND ALL MANHOLES AND SWITCHBOXES.
6' RADIUS FROM CENTER OF HYDRANT TO ALL UNDERGROUND HANDHOLES, PULLBOXES AND SPLICEBOXES. ALL PER NVEnergy STD. RS-5

SOURCE FC OR RISER	PROJECT CONNECTED LOAD (3ø) PH.	EX: KVA	ADDED KVA	TOTAL KVA	LOOP FC OR RISER
P70798	A	1925.97	83.33	2009.33	P50750
UGM28316	B	1524.97	83.33	1608.33	UGM40216
PR1202	C	1275	83.33	1358.33	PR1202

CONDUIT SEALING REQUIREMENT:
CONDUIT SEALING PER NESC AND OR NEC LATEST VERSION:
ALL ELECTRIC CONDUITS ENTERING BUILDING THROUGH OR PENETRATING CONCRETE SLAB SHALL BE SEALED AT BOTH ENDS WITH EXPANDING PLUG(S) AFTER CONDUIT IS MANDRILLED. NVE WILL INSTALL A PERMANENT SEAL, AFTER CONDUCTORS ARE INSTALLED.

NVE WILL NOT VERIFY THE EXISTING CONDUIT. CUSTOMER TO ENSURE ITS INTEGRITY AND REPAIR IF NECESSARY.

CONSTRUCTION / INSPECTION REQUIREMENTS
WORK MUST CONFORM TO NVE ELECTRIC SERVICE STANDARDS, AVAILABLE AT: www.nvenergy.com/business/newconstruction/newconstructionS/servicestandards.cfm

NVE INSPECTOR MUST BE PRESENT TO INSPECT TRENCHING (SCHEDULE AT LEAST 72 HOURS IN ADVANCE) AT EACH OF THE FOLLOWING STAGES:
1. BOTTOM SAND AND CONDUIT INSTALLED
2. TOP SAND INSTALLED
3. BACKFILL INSTALLED

CONDUIT MUST BE MANDRILLED PRIOR TO RELEASE (COORDINATE WITH INSPECTOR).

NVE STAND BY CREW IS REQUIRED WHEN WORKING AT AN ENERGIZED VAULT OR TRANSFORMER. CALL STAND BY NUMBER (SEE TITLE BLOCK) TO SCHEDULE.

NVE ELECTRICAL INSTALLATION WILL NOT BE SCHEDULED UNTIL AFTER THE NVE INSPECTOR HAS COMPLETED THE OFFICIAL RELEASE.

METER(S) WILL NOT BE SET UNTIL ALL OF THE FOLLOWING ARE COMPLETE:
- [INSTRUMENT-RATED ONLY] METERING EQUIPMENT HAS BEEN SUBMITTED TO NVE METERING ENGINEER AND APPROVED. (submittals_southern@nvenergy.com)
- APPLICATION FOR METER SET HAS BEEN SUBMITTED TO NVE'S NEW DEVELOPMENT CENTER. FORM AVAILABLE AT: www.nvenergy.com/brochures_arch/new_construction/meter_set.pdf
- THE LOCAL BUILDING AUTHORITY HAS INSPECTED AND APPROVED THE METERING EQUIPMENT.
- METERING EQUIPMENT IS ACCESSIBLE AND CLEARLY IDENTIFIED WITH PERMANENT MARKINGS. ADDRESSES, SUITE NUMBERS, AND STREET SIGNS ARE POSTED IN PERMANENT LOCATIONS (SEE RPI-G).

TRACK PROJECT STATUS ONLINE WITH NVE'S DEVELOPER DASHBOARD: www.nvenergy.com/business/newconstruction/newconstructionS/developerdashboard.cfm

NOTE: ALL THE ABOVE GROUND UTILITY APPURTENANCES SHALL CONFORM TO THE REQUIREMENTS OF CLV UNIFIED DEVELOPMENT CODE TITLE 19.06 AND 19.08

APPROVED FOR CONSTRUCTION
THIS APPROVAL IS FOR WORK IN CLV R/W & EASEMENT ONLY. OBTAINING PERMISSIONS OR EASEMENTS FOR WORK SHOWN ON PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY.

SEE COVER OF CIVIC PLAN

APPROVAL BY: _____ DATE _____

NVE STANDARDS

T,R,S: 20-62-32

APN: 140-32-104-001

GENERAL NOTES:
ANY NOTES LOCATED IN DRAWING AREA TAKE PRECEDENCE OVER STANDARD NOTES.

REFER TO A CURRENT NVEnergy ELECTRIC SERVICE REQUIREMENTS HANDBOOK FOR FURTHER CLARIFICATION OF NVEnergy STANDARDS.

THE APPLICANT SHALL INFORM THE INSPECTOR AT LEAST 48 HOURS BEFORE COMMENCING ANY ITEM OF CONSTRUCTION OR INSTALLATION OF MATERIAL TO ENABLE PROPER INSPECTION OF MATERIALS AND WORKMANSHIP. MAIN TRENCH WIRE PULLS TO BE SCHEDULED 72 HOURS IN ADVANCE OF INSTALLATION. APPLICANT'S PROJECT WILL NOT BE SCHEDULED UNTIL FINAL APPROVAL FROM NVEnergy UNDERGROUND & ELECTRICAL INSPECTORS.

ALL WORK SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS SET FORTH IN THE ELECTRIC SERVICE REQUIREMENTS HANDBOOK, AS CURRENTLY ADOPTED BY NVEnergy. THE CONTRACTOR SHALL SECURE COPIES OF THE AFOREMENTIONED CONSTRUCTION SPECIFICATIONS ON HIS OR HER OWN BEHALF.

SYMBOLS ARE NOT TO SCALE AND DO NOT NECESSARILY REPRESENT ACTUAL LOCATIONS OF FACILITIES.

THIS DRAWING ILLUSTRATES DATA COLLECTED FROM VARIOUS SOURCES AND MAY NOT REPRESENT A SURVEY OF THE PREMISES.

APPLICANT SHALL FIELD DETERMINE POSITION AND DEPTH OF EXISTING UTILITY EQUIPMENT PRIOR TO COMMENCING CONSTRUCTION.

USE CAUTION PRIOR TO EXCAVATION. CHECK TO ENSURE ADDITIONAL DEPTH IS NOT REQUIRED TO ACCOMMODATE GAS AND/OR WATER FACILITIES AND DRAINAGE CHANNELS.

CALL NVEnergy UNDERGROUND INSPECTORS 48 HOURS PRIOR TO START OF CONSTRUCTION FOR TRENCH INSPECTION BEFORE COVERING TRENCH.

ALL NVEnergy CABLE TO BE INSTALLED BEHIND CURB, UNLESS OTHERWISE STATED.

APPLICANT IS RESPONSIBLE FOR STAKING OF PROPERTY CORNERS & ELEVATIONS.

ALL HANDHOLES AND PULLBOXES SHALL BE INSTALLED TO FINISHED GRADE OR 6" ABOVE IF GRADE IS NOT ESTABLISHED.

ANY SUBSTRUCTURE VAULT INSTALLED IN GRAVEL, GRASS, OR BARE GROUND WILL REQUIRE A CONCRETED 8" WIDE AND 6" DEEP COLLAR AROUND BOX IN ACCORDANCE TO RS-G6.

2" PLASTIC CONDUIT BENDS (90', 45') WITH 36" MIN. RADIUS. (USE FIBERGLASS IF CONDUIT LENGTH IS OVER 500')

3" & 4" PLASTIC CONDUIT BENDS (90', 45') WITH 36" MIN. RADIUS. (USE RGS IF CONDUIT LENGTH IS OVER 100')

6" PLASTIC CONDUIT BENDS (90', 45') WITH 48" MIN. RADIUS. (USE RGS IF CONDUIT LENGTH IS OVER 100')

WHEN INSTALLING CONDUIT IN FIELD, USE APPROPRIATE BENDS TO COMPLETE THE INSTALLATION.

DEFLECTION OF CONDUIT BENDS AND CONDUIT NOT TO EXCEED NVEnergy STANDARDS.

EXISTING STUB-OUT/CONDUIT INSTALLED BY PREVIOUS CONTRACTOR / DEVELOPER. NVEnergy DOES NOT GUARANTEE LOCATION, LENGTH, OR ACCESSIBILITY OF EXISTING STUB-OUT/CONDUIT. IF UTILIZING ANY PORTION OF EXISTING CONDUIT, IT MUST BE MANDRELED PRIOR TO FINAL RELEASE.

PREVIOUSLY MANDRELED CONDUIT WHICH HAS BEEN IN THE GROUND FOR OVER 6 MONTHS MUST BE RE-MANDRILLED PRIOR TO FINAL RELEASE.

WHEN NVEnergy FACILITIES ARE TO BE REMOVED, NVEnergy WILL REMOVE ALL WIRES AND EQUIPMENT. NVEnergy IS NOT RESPONSIBLE FOR THE REMOVAL OF CONDUIT RUNS OR SUBSTRUCTURES FROM THE PROPERTY.

NO COVERED PARKING IN FRONT OF EQUIPMENT.

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 ISSUE; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE.

CIVIL LINETYPE LEGEND
CENTERLINE
PROPERTY LINE/ROW
CURB
EDGE OF PAVEMENT
EDGE OF SIDEWALK
SEWER LINE
WATER LINE
COHW WATER LINE
LVWD WATER LINE
SNWA WATER LINE
GAS LINE
TELEPHONE LINE
CABLE TV LINE
STORM DRAIN LINE
FIRE HYDRANT
SERVICE INDICATOR
SIGNAL LIGHT
STREET LIGHT

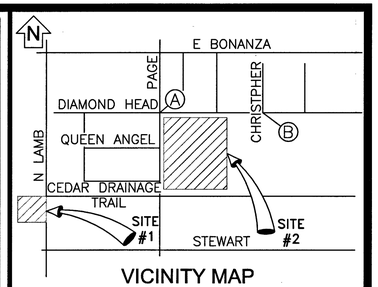
FOR PERMITTING ONLY

CITY OF LAS VEGAS PERMIT REQUIRED*
CONTACT CLV LAND DEVELOPMENT (229-6371)
CLV CONSTRUCTION SERVICES MUST BE NOTIFIED 24 HOURS PRIOR TO COMMENCING CONSTRUCTION (229-6337)

HANSEN_____

DATE_____

*NVE INSPECTOR MUST BE NOTIFIED BY FAX 48 HOURS PRIOR TO COMMENCING CONSTRUCTION & WILL VERIFY CITY PERMIT FOR WORK DONE IN STREETS OR SIDEWALK.
FAX PERMIT TO:
LAS VEGAS NORTH (RYAN CENTER): 402-4354
LAS VEGAS SOUTH (BELTWAY CENTER): 402-6864



VICINITY MAP
(NOT TO SCALE)

EVERY EFFORT HAS BEEN MADE TO IDENTIFY ALL NVE FACILITIES. THE CUSTOMER SHALL CONFIRM THE EXISTENCE AND LOCATION OF THESE FACILITIES.

AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
CALL BEFORE YOU DO OVERHEAD
CALL 1-702-402-2929

Call before you Dig
Avoid cutting underground utility lines. It's costly.
CALL 811
OR
1-800-227-2600
AND CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-6000

REVISIONS

NO.	DESCRIPTION	DATE	REV BY
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NON-STANDARD

PROJECT PURPOSE:
TO PROVIDE 277/480v 3ϕ SERVICE TO NEW 2000AMP PANEL FOR NEW SCHOOL REPLACEMENT.

EXHIBIT 'A'
NVEnergy INFORMATION:
COORDINATOR: THOMAS, DARRYL
PHONE: (702)275-6267 D.F. CHARLTON, CHRISTOPHER
DESIGNER: MITCHELL, ARTHUR
DCA: N/A
INSPECTOR: 702-402-3008 OR UGI@NVENERGY.COM
STAND BY: (702) 402-4450, 4150, 4114, 4117, 4118
DISTRICT: LAS VEGAS NORTH DISTRICT

JPA INFORMATION:
JPA ADMIN PHONE: N/A JPA#: N/A

CUSTOMER INFORMATION:
APPLICANT: CLARK COUNTY SCHOOL DISTRICT
ENGINEER: N/A
CONTACT: CUMBERS, BLAKE ** 702-799-8710
APPROVAL DATE: 5/9/2019

GOVERNMENT INFORMATION:
AGENCY: CLV
APPROVAL DATE:

FOR EACH SERVICE POINT (POINT OF DELIVERY), ENERGY FOR EACH TENANT SPACE WILL BE MEASURED THROUGH ONE WATTHOUR METER. ENERGY FOR ALL NON-TENANT SPACE WILL BE MEASURED THROUGH ONE WATTHOUR METER. CONTACT NVE METER OPERATIONS FOR MULTIPLE RATE CLASS INSTALLATIONS.

NVEnergy.

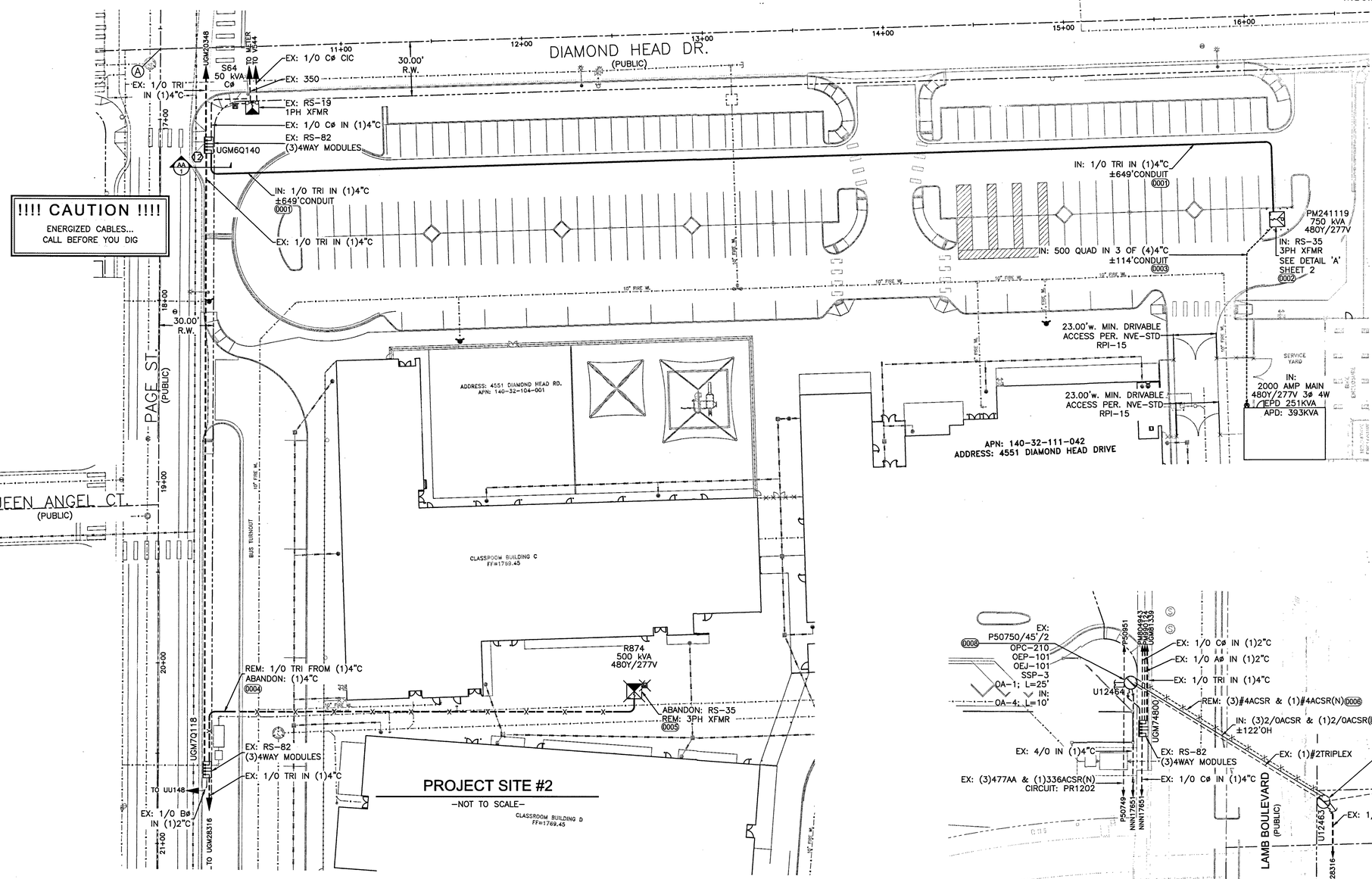
CCSD EDWARDS ELEMENTARY SCHOOL - REPLACEMENT
L19-00762 715-215
N LAMB BLVD / E BONANZA RD

PROJ #3003155395	SCALE: 1"=30'
SHEET # 1 OF 2	DATE: 1/22/2019

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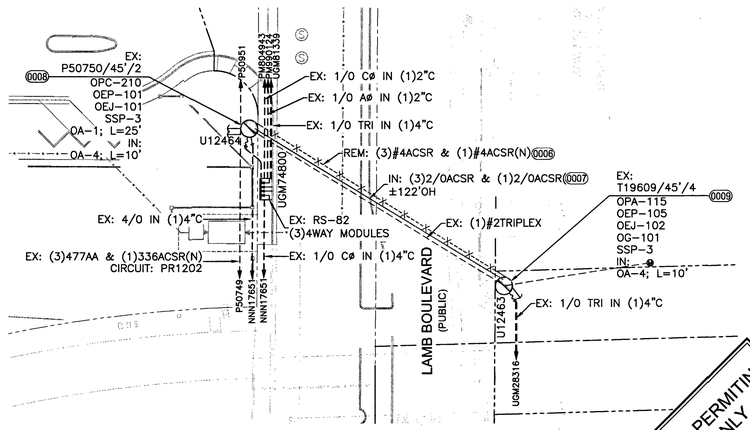
Sharing of this drawing and the information contained herein shall be only to individuals/parties who have entered into an agreement with Applicant for the completion of work associated with this specific project. Use for purposes other than this specific project requires the written consent of NV Energy.

0 REVISION(S)



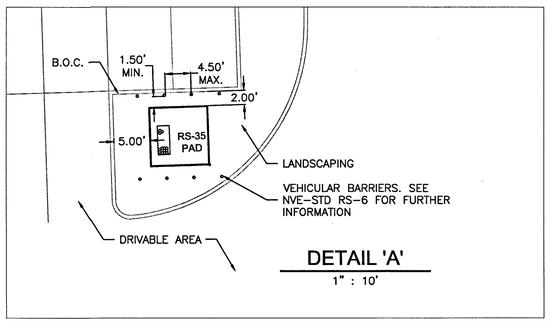
PROJECT SITE #2

–NOT TO SCALE–



PROJECT SITE #1

–NOT TO SCALE–



DETAIL 'A'

1" : 10'

CENTERLINE STATION TABLE

#	STREET INTERSECTION	STA	HEADED
Ⓐ	DIAMOND HEAD DRIVE	10+00.00	EAST
	PAGE STREET	16+61.11	SOUTH
Ⓑ	DIAMOND HEAD DRIVE	18+05.96	EAST
	CHRISTPHER COURT	00+00.00	NORTH

STATION TABLE

MAXIMO STATION	CORNER	CENTER LINE STATION	SIDE	OFFSET CL TO BOC	OFFSET CL TO ROW	OFFSET CL TO CLOSEST FACE OF SUBSTRUCTURE	SUBSTRUCTURE INFORMATION
0002	WEST	16+10.59 FIELD NOTES:	RT	107.00'	30.00'	109.00'	RS-35 – 8.25" X 8.25" OPERATING NUMBER: PM241119 PAGE NUMBER: 2 EASEMENT NUMBER: FUTURE TYP. EASEMENT LAYOUT: FUTURE
	EAST	16+18.84 FIELD NOTES:	RT	107.00'	30.00'	109.00'	

NOTE: ALL THE ABOVE GROUND UTILITY APPURTENANCES SHALL CONFORM TO THE REQUIREMENTS OF CLV UNIFIED DEVELOPMENT CODE TITLE 19.06 AND 19.08

APPROVED FOR CONSTRUCTION

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SEE COVER of CIVIL PLAN

APPROVAL BY: DATE

CITY OF LAS VEGAS
PERMIT REQUIRED*

CONTACT CLV LAND DEVELOPMENT (229-6371) CLV CONSTRUCTION SERVICES MUST BE NOTIFIED 24 HOURS PRIOR TO COMMENCING CONSTRUCTION (229-6337)

HANSEN

DATE

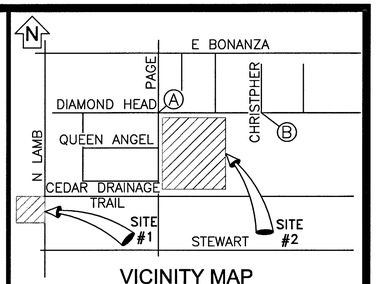
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NVE STANDARDS

N

T,R,S: 20-62-32

APN: 140-32-104-001



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(NOT TO SCALE)

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REVISIONS

NO.	DESCRIPTION	DATE	REV BY
1			
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NON-STANDARD

PROJECT PURPOSE:

TO PROVIDE 277/480v 3ϕ SERVICE TO NEW 2000AMP PANEL FOR NEW SCHOOL REPLACEMENT.

EXHIBIT 'A'

NVEnergy INFORMATION:

COORDINATOR: THOMAS, DARRYL
PHONE: (702)275-6267 D.F. CHARLTON, CHRISTOPHER
DESIGNER: MITCHELL, ARTHUR
DCA: N/A
INSPECTOR: 702-402-3008 OR UGI@NVENERGY.COM
STAND BY: (702) 402-4450, 4150, 4114, 4117, 4118
DISTRICT: LAS VEGAS NORTH DISTRICT

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JPA ADMIN PHONE: N/A JPA#: N/A

CUSTOMER INFORMATION:

APPLICANT: CLARK COUNTY SCHOOL DISTRICT
ENGINEER: N/A
CONTACT: CUMBERS, BLAKE ** 702-799-8710
APPROVAL DATE: 5/9/2019

GOVERNMENT INFORMATION:

AGENCY: CLV
APPROVAL DATE:

FOR PERMITING ONLY

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NVEnergy

CCSD EDWARDS ELEMENTARY SCHOOL - REPLACEMENT

L19-00762 715-215

N LAMB BLVD / E BONANZA RD

PROJ #3003155395	SCALE: 1"=30'
SHEET # 2 OF 2	DATE: 1/22/2019

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31E

0 REVISION(S)