

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 THE CITY OF LAS VEGAS; 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. SERVICE LINES SHALL BE SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCES 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 OR ON THESE 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 PL OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT SIDEWALK RAMPS AND CROSS GUTTERS.
9. CURBS 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 #2015364701, JUNE 5, 2015 & ADDENDUM, MARCH 22, 2016 APPROVED BY THE CITY ENGINEER, AS SHOWN ON THESE PLANS.
13. EXIST LOCATION OF ALL SAWCUT LINES MAY BE ADJUSTED OR DETERMINED IN THE FIELD BY A CITY OF LAS VEGAS ENGINEER 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..

18. ALL WALLS, NEW OR EXISTING, ARE ONLY SHOWN ON CIVL 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 A 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 ALL SEWER MAINS AND STORM DRAIN MAINS, ALL SEWER 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 AND 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 WHERE THE SEWER SERVICE LATERALS EXIT 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 NAD 83 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 CERTAINITIES OF 0.09 METERS (3- 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.

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 "O" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.
4. POLYVNYL (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 LVWMD 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.


CITY OF LAS VEGAS FIRE DEPARTMENT


SOUTHWEST GAS CORPORATION

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 SADS 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 VPI CLASS 6 EQUIVALENT SHEETING OR APPROVED EQUAL. ALL NEW TRAFFIC SIGNS, EXCEPT STREETNAME AND SCHOOL SPEED LIMIT SIGNS, SHALL HAVE A SELF-ADHESIVE OR APPLIED REFLECTIVE 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 AND 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 MODIFICATION 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.

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 SUBMITTALS AT HIS OWN EXPENSE AND AT THE DIRECTION OF THE CITY ENGINEER. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMS, ROAD SIGNS AND BARRIQUES, ETC.

1. NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN APPROVED FOR CONSTRUCTION BY THE LVVMD. FOLLOWING WATER PLAN APPROVAL, NOTICE SHALL BE GIVEN TO THE LVVMD 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 LVVMD INSPECTION. WHEN REQUESTING INSPECTIONS, PLEASE REFER TO THE PROJECT# IDENTIFIED ABOVE.
2. ALL WORK SHALL CONFORM TO LVVMD 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 LVVMD.
5. ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING WITH LVVMD 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 LVVMD DISTRIBUTION SYSTEM.
10. THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM LVVMD CENTRAL STORES. TELEPHONE 258-3152 OR 258-3602, 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 LVVMD 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 LVVMD 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

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:

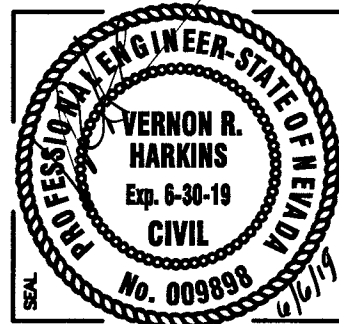
1. ALL STREET LIGHTING INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE STREET LIGHTING PLANS, THE "UNIFORM STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", LATEST REVISION, AND THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", LATEST REVISION, AND ANY ADOPTED SPECIAL AREA STANDARDS.
2. NO DEVIATION OF STREET LIGHT, CABLE 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 #10 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 TETO 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 ABSENCE OF AN EXISTING, 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 CONDITIONS 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 TIES ASSOCIATED WITH INSTALLATION, CONSTRUCTION, ENERGIZING, MAINTENANCE 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 SIGNAGE 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 (TETO) AT (702)229-6331.

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 OBTAINED FROM THE FIRE PROTECTION ENGINEER BEFORE COMMENCEMENT OF WORK. IFC # 105.6.15
4. ON ANY RESIDENTIAL OR COMMERCIAL INSTALLATIONS, FIRE HYDRANTS SHALL BE INSTALLED AND FIRE APPARATUS ACCESS ROADS SHALL BE MAINTAINED BEFORE COMMENCEMENT OF ANY COMBUSTIBLE CONSTRUCTION. ALL FIRE HYDRANTS SHALL BE IN GOOD WORKING ORDER AND SHALL BE CAPABLE OF DELIVERING THE REQUIRED FIRE FLOW. IFC # 3310, § 3312
5. TO IDENTIFY THE FIRE HYDRANT LOCATIONS, THE CONTRACTOR SHALL PLACE A BLUE REFLECTIVE MARKER AT THE CENTER LINE OF THE STREET ADJACENT TO THE FIRE HYDRANTS. IFC # 507.5.7.3
6. ALL UNDERGROUND INSPECTIONS, PRESSURE AND FLUSH VERIFICATIONS OF ALL FIRE HYDRANTS AND FIRE LINES, SHALL BE CONDUCTED BEFORE COVERING THE LINES. CENTER LOADING IS ACCEPTABLE FOR THE HYDRO TESTS WITH PRIOR FIRE PREVENTION APPROVAL. IFC # 106.3.
7. ALL ON-SITE UNDERGROUND WATER MAINS AND MATERIALS SHALL BE U.L. LISTED, A.W.W.A. APPROVED AND SHALL BE RATED FOR THE APPROPRIATE WORKING PRESSURE. IFC # 507.2.1, NFPA 24
8. PAINTING OF CURBS, FIRE HYDRANTS, PADS, PROTECTION OF FIRE HYDRANTS FROM PHYSICAL DAMAGE, AND ALL OTHER WORK NECESSARY PER PLANS SHALL BE COMPLETED BEFORE APPROVAL BY LAS VEGAS FIRE AND RESCUE, FIRE PREVENTION DIVISION. IFC # 507
9. PRIVATE HYDRANTS SHALL BE PAINTED RED. IFC # 507.5.7.1
10. PRIOR TO THE FINAL OCCUPANCY, A FIRE FLOW TEST SHALL BE WITNESSED BY LAS VEGAS FIRE AND RESCUE, FIRE PREVENTION DIVISION TO VERIFY AVAILABILITY OF THE REQUIRED FIRE FLOW. IFC # 507
11. FIRE HYDRANT SPACING SHALL BE AS FOLLOWS: IFC # C102
 - RESIDENTIAL - 500 FT UNSPRINKLERED; 600 FT SPRINKLERED.
 - COMMERCIAL - 300 FT UNSPRINKLERED; 400 FT SPRINKLERED.
12. WHERE THE WATER MAINS ARE EXTENDED ALONG STREETS OR NEW STREETS ARE INSTALLED WHERE FIRE HYDRANTS ARE NOT NEEDED FOR PROTECTION OF THE STRUCTURES, FIRE HYDRANTS SHALL BE INSTALLED AT A MAXIMUM OF 1000 FT SPACING TO PROVIDE FOR TRANSPORTATION HAZARDS. WHERE STREETS ARE PROVIDED WITH MEDIAN DIVIDERS OR HAVE FOUR (4) OR MORE TRAFFIC LANES AND HAVE A TRAFFIC COUNT OF MORE THAN 30,000 PER DAY, HYDRANTS ARE REQUIRED ON EACH SIDE OF THE STREET SPACED AT 500 FT ON AN ALTERNATING BASIS. IFC # C102.8
13. NO FIRE HYDRANTS SHALL BE LOCATED WITHIN THE RADIUS OF A CUL-DE-SAC OR WITHIN 20 FT OF THE PERIMETER OF THE RADIUS OF THE CUL-DE-SAC.
14. NO FIRE HYDRANTS SHALL BE LOCATED WITHIN 6 FT OF ANY CURB RETURN, DRIVEWAY, POWER POLE, STREETLIGHT OR ANY OTHER OBSTRUCTION. IFC # C102.10
15. A MAXIMUM DISTANCE FROM A FIRE HYDRANT TO A ONE-TWO FAMILY DWELLING SHALL NOT EXCEED 300 FT, AS MEASURED BY AN APPROVED ROUTE. IFC # C102.4
16. THE MAXIMUM DISTANCE FROM A FIRE HYDRANT TO A FIRE DEPARTMENT CONNECTION (FDC) SHALL NOT EXCEED 100 FT, AS MEASURED BY AN APPROVED ROUTE. IFC # C102.7
17. THE MAXIMUM DISTANCE FROM A HYDRANT TO THE END OF A DEAD-END STREET SHALL NOT EXCEED 200 FT. IFC # C102.6
18. TWO (2) SOURCES OF SUPPLY ARE REQUIRED WHENEVER THERE IS 4 OR MORE FIRE HYDRANTS/SPRINKLER LEAD-INS ARE INSTALLED ON A SINGLE SYSTEM. FOR SYSTEMS REQUIRED TO HAVE TWO (2) SOURCES OF WATER SUPPLY, SECTIONAL CONTROL VALVES SHALL BE INSTALLED SO THAT NO MORE THAN 2 FIRE HYDRANTS AND/OR FIRE SPRINKLER LEAD-INS CAN BE OUT OF SERVICE DUE TO A SERVICE INTERRUPTION. FOR SYSTEMS PERMITTED TO HAVE ONE SOURCE OF WATER SUPPLY, SECTIONAL CONTROL VALVES SHALL BE INSTALLED SO THAT NO MORE THAN 3 FIRE HYDRANTS AND/OR FIRE SPRINKLER LEAD-INS CAN BE OUT OF SERVICE DUE TO A SERVICE INTERRUPTION. IFC # C104
19. ALL FIRE APPARATUS ACCESS ROADS SHALL BE PAVED TO PROVIDE ALL-WEATHER DRIVING CAPABILITIES, AND SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF THE FIRE APPARATUS. IFC # 503.2.3
20. THE GRADIENT FOR THE FIRE APPARATUS ACCESS ROADS SHALL NOT EXCEED 12% ANGLES OF APPROACH AND ANGLES OF DEPARTURE SHALL NOT EXCEED 6% FOR 25 FT PRIOR TO OR AFTER THE GRADE CHANGE. ADJACENT TO THE STRUCTURES GRADIENT SHALL NOT EXCEED 6%. IFC # 503.2.7, § 503.2.8
21. THE TURNING RADIUS OF THE FIRE APPARATUS ACCESS ROADS SHALL BE NO LESS THAN 52 FT OUTSIDE AND 28 FT INSIDE TURNING RADIUS. IFC # 503.2.4
22. VERTICAL CLEARANCE OF ALL FIRE APPARATUS ACCESS ROADS SHALL NOT BE LESS THAN 13FT 6 INS. IFC # 503.2.1
23. FIRE DEPARTMENT ACCESS ROADS SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF NOT LESS THAN 33 FT WITH PARKING ON BOTH SIDES MEASURED TO FACE OF CURB. NOT LESS THAN 28 FT WIDE WITH PARKING RESTRICTED TO ONE SIDE MEASURED TO FACE OF CURB. NOT LESS THAN 24 FT WIDE WITH NO PARKING ON EITHER SIDE MEASURED TO FACE OF CURB. FIRE LANES THROUGH PARKING LOTS SHALL BE NOT LESS THAN 24 FT. IFC # 503.2.1.1
24. A FIRE APPARATUS ACCESS ROAD SHALL BE REQUIRED WHEN ANY PORTION OF AN EXTERIOR WALL OF THE FIRST STORY IS LOCATED MORE THAN 150 FT FROM A FIRE DEPARTMENT VEHICLE ACCESS. IFC # 503.1.1
25. APPROVED SECONDARY FIRE APPARATUS ACCESS SHALL BE PROVIDED FOR 200 OR MORE DWELLING UNITS, ROAD(S) WITH DEAD-ENDS OR A SINGLE POINT OF ACCESS IN EXCESS OF 600 FT. CLV REGULATION AND MOU
26. ALL DEAD-END FIRE APPARATUS ROADS AND/OR FIRE LANES, PUBLIC OR PRIVATE, IN EXCESS OF 150 FT IN LENGTH SHALL BE PROVIDED WITH AN APPROVED TURN AROUND HAVING A MINIMUM DIAMETER OF 81 FT. CLV REGULATION
27. ALL FIRE APPARATUS ACCESS ROADS SHALL BE MARKED BY PLACING APPROVED SIGNS AT THE START OF THE DESIGNATED FIRE LANE, ONE SIGN AT THE END OF THE FIRE LANE AND WITH SIGNS AT INTERVALS OF 100 FT ALONG THE DESIGNATED FIRE LINES. SIGNS TO BE PLACED ON BOTH SIDES OF AN ACCESS ROADWAY IF NEEDED TO PREVENT PARKING ON EITHER SIDE. SIGNS TO BE INSTALLED NO HIGHER THAN 10 FT OR LESS THAN 6 FT FROM THE ROADWAY LEVEL. THE CURB ALONG OR ON THE PAVEMENT OR CEMENT (IF NO CURB IS PROVIDED) SHALL BE PAINTED WITH A RED WEATHER RESISTANT PAINT IN ADDITION TO THE SIGNS. IFC # 503.3
28. ELECTRICALLY CONTROLLED ACCESS GATES SHALL BE PROVIDED WITH AN EMERGENCY VEHICLE DETECTOR/RECEIVER SYSTEM. IFC # 503.6
29. WHERE STREETS ARE PROVIDED WITH MEDIAN DIVIDERS, OR HAVING FOUR OR MORE TRAVEL LANES AND A TRAFFIC COUNT OF MORE THAN 30,000 VEHICLES PER DAY, ALL HYDRANTS BEING UTILIZED TO DELIVER FIRE FLOW TO THE PROPOSED LOCATION SHALL BE LOCATED ON THE SAME SIDE OF THE STREET AS THE PROPOSED DEVELOPMENT. CLV REGULATION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
PROJECT NO. 136279 FIRST APPROVED DATE: 6/24/19

[illegible]

PLANNING & DESIGN	DATE
DESIGN MANAGER	
CM MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
CM MANAGER	
REQUIREMENTS	
SITE ADMINISTRATION	
CODE COMPLIANCE	
AHERA REVIEW	
FSR/FSRI	
ASBESTOS WORK IS: REQUIRED ☐ NOT REQUIRED ☐	
JOB ID/MPID	
0001626	



OSD PROJECT NO.	
OSD REVIEW	
APPROVED BY	
DATE	

DATE	05/03/2019
ISSUED BY	RPL/TRI
CHECKED BY	
SUBMITTAL	VRH
CONFORMED	
A/E PROJECT NO.	SCS-1846



ARCHITECT
Simpson Coulter | STUDIO
PLANNING • ARCHITECTURE • INTERIOR DESIGN

CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.789.8450

FROM FRUITS TO CEREALS

THE E. EDWARDS E.S. REPLACEMENT

GENERAL NOTES

! ! ! ! !

1 DIAMOND HEAD DRIVE

SHEET NO. 2 of 31 VOL. E

C0.01
19-00762
CLV NO. 715-

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

ABAN	ABANDON	MH	MANHOLE
AC	ASPHALT CONCRETE	MIN	MINIMUM
AD	ASPHALT CONCRETE PAVEMENT	NDOT	NEVADA DEPARTMENT OF TRANSPORTATION
AGG	AGGREGATE	NTS	NOT TO SCALE
AIP	ABANDON IN PLACE	NVE	NEVADA ENERGY
APPROX	APPROXIMATE	OC	ON CENTER
ASSY	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
BCR	BACK OF CURB RETURN	PE	POLYETHYLENE
BFF	BELOW FINISH FLOOR (ELEVATION)	PGL	PROFILE GRADE LINE
BDO	BUILDING	PI	POINT OF INTERSECTION
BW	BENCHMARK	PL	PROPERTY LINE
BLOW-OFF	BLOW-OFF	POC	POINT OF CONNECTION
BWS	BACK OF SIDEWALK	PMF	PAVEMENT MARKING FILM
BW	BETWEEN	PP	POWER POLE
BVG	BEGINNING OF VERTICAL CURVE	PROP	PROPOSED
C	CENTERLINE	PT	POINT OF TANGENCY
C&G	CURB AND GUTTER	PVC	POLYVINYL CHLORIDE
CD	CABLE DIVISION	PVMT	PAVEMENT
CC	CLARK COUNTY	PW	PUBLIC WORKS
CF	CUBIC FEET	PZ	PRESSURE ZONE
CF	CUBIC FEET PER SECOND	R/L	RIGHT & LEFT (OFFSET)
CIP	CAST IN PLACE (CONCRETE)	R/W	RIGHT-OF-WAY
CL	CHAIN LINKED	R	RADIUS
CL	CENTERLINE	RC	REINFORCED CONCRETE
CLAR	CLAR	RCB	REINFORCED CONCRETE BOX
CLV	CITY OF LAS VEGAS	RCR	REINFORCED CONCRETE PIPE
CMP	CORRUGATED METAL PIPE	RD	ROAD
CML	CONCRETE MASONRY UNIT	RDWAY	ROADWAY
CNLY	CITY OF NORTH LAS VEGAS	REF	REFERENCE
CNTY	COUNTY	RELOC	RELOCATED
CO	CLEANOUT (SANITARY)	REINF	REINFORCED/REINFORCING STEEL
COH	CITY OF HENDERSON	RM	RM ELEVATION
COL	COLUMN	RP	RADIUS POINT
CONC	CONCRETE	RPM	RAISED PAVEMENT MARKER
CONST	CONSTRUCTION/CONSTRUCT	RT	RIGHT
CONT	CONTINUOUS	S	SLOPE
CORP	CORNER	SD	STORM DRAIN
CSAP	CORRUGATED STEEL ARCH PIPE	SF	SQUARE FEET
CY	CUBIC/COPPER	SHOR	SHOULDER
CY	CUBIC YARD	SL	STREETLIGHT
DDA	DOUBLE CHECK DETECTOR	SLV	SLEVE
DE	DEPARTMENT	SNVA	SOUTHERN NEVADA WATER AUTHORITY
DG	DECOMPOSED GRANITE	SP	SPECIAL PROVISIONS
DI	DROP INLET	SPK	SPRINKLER (HEAD)
DIA	DIAMETER	SS	SANITARY SEWER
DIAG	DIAGONAL	STA	STATION
DOM	DOMESTIC (WATER)	STD	STANDARD
DOW	DRIVEWAY	STL	STEEL
E	ELECTRIC	STLT	STREETLIGHT
EAC	EDGE OF ASPHALT	STR	STRUCTURAL
EG	EXISTING GRADE	SUR	SURVEY
ELEV	ELEVATION	SV	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	TRFM	TRANSFORMER
FF	FINISH FLOOR	THW	TOP OF HEADWALL
FFE	FINISH FLOOR ELEVATION	TF	TOP OF FOOTING
FG	FINISH GRADE	TOS	TOP OF SLAB
FH	FIRE HYDRANT	TOF	TOP OF TALL
FL	FLOWLINE	TP	TOP OF PIPE
FND	FOUNDATION	TRANS	TRANSITION
FEET/FOOT	FEET/FOOT	TS	TRAFFIC SIGNAL
FW	FACE OF WALL	TSI	TRAFFIC SIGNAL INTERCONNECT
GALV	GALVANIZED	TW	TOP OF WALL
GB	GRADE BREAK	TY	TYPICAL
G	GASLINE	UG	UNDERGROUND
GM	GAS METER	USD	(CLARK COUNTY AREA) UNIFORM STANDARD DRAWINGS
GV	GATE VALVE	USS	(CLARK COUNTY AREA) UNIFORM STANDARD SPECIFICATIONS
HGL	HYDRAULIC GRADE LINE	VAR	VARIABLES
HORIZ	HORIZONTAL	V	VERTICAL
HIGH POINT	HIGH POINT/HIGH PRESSURE	VCP	VITRIFIED CLAY PIPE
INCL	INCLUDING	VERT	VERTICAL
INT	INTERSECTION	VG	VALLEY GUTTER
INVT	INVERT	W	WITH
LOC	LINEAR FEET	W	WATER
LP	LOW POINT	WL	WATERLINE
LT	LEFT	WM	WATER METER
LWVO	LAS VEGAS VALLEY WATER DISTRICT	X-SEC	CROSS SECTION
MAX	MAXIMUM	YD	YARD
ME	MATCH EXISTING		
MECH	MECHANICAL(LY)		

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. IF ANY UTILITIES, 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 ACTIVITIES 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" MARQUELOSO (RJC/FAST MANAGER TRAFFIC SYSTEMS MAINTENANCE) AT (702) 604-7078.

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 THE PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. SOME EXCEPTIONS MAY APPLY, REFER TO NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVRI000000, SECTION II.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 THIS REQUIREMENT INCLUDE SUCH AS SUSPENSION OF LAND DISTURBANCE ACTIVITIES. REFER TO NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVRI000000, SECTION II.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.

EXISTING		PROPOSED					
	CENTERLINE				AREA LIGHT		STORM DRAIN INLET
	RIGHT OF WAY LINE				BENCHMARK		STORM DRAIN MH
	PROPERTY LINE				ELEG. VAULT/CABINET		STREET LIGHT
	PARCEL LINE				ELECTRIC MANHOLE		STREET LIGHT PB
	AUTHORIZATION TO ENTER PROPERTY (AEP)				FIBER OPTIC PULLBOX		TELEPHONE MH
	ALIGNMENT TIE LINE				FIRE HYDRANT		TELEPHONE PB
	SAWCUT LINE AND NEW PAVEMENT				FOUND MONUMENT		TRAFFIC SIGNAL POLE
	BUILDING FOOTPRINT				GAS METER		TRAFFIC SIGNAL PB
	WALL				GAS VALVE		TV PULLBOX
	CHAIN LINK FENCE				IRR. BOX		UTILITY POLE
	WROUGHT IRON FENCE				IRR. VALVE		UTILITY POLE GUY WIRE
	COMBO WALL WITH FENCE				LANDSCAPING/SHRUBS		UTILITY CABINET
	WOOD FENCE				LOOP DETECTOR		WATER VAULT/CABINET
	GUARDRAIL				METER		WATER MANHOLE
	EDGE OF ASPHALT				MONITORING WELL		WATER METER & BACKFLOW
	GRADE BREAK (TOE/TOP OF SLOPE)				NEWSRACK		WATER VALVE
	CURB, GUTTER AND SIDEWALK				SANITARY SEWER MH		POST/BOLLARD
	MAJOR CONTOUR				SET MONUMENT		SIDEWALK DRAIN
	MINOR CONTOUR				SIGN		
	TOP OF SLOPE						
	4:1 MAX SLOPE						

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
5" "L" TYPE CURB AND GUTTER		0 LF	392 LF
4" CONCRETE SIDEWALK		0 SF	2,288 SF
ADA RAMP S 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.			

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 LISTED BY THE FOLLOWING TABLE AND STANDARDS:
 - a) ANY DEVIATION FROM SPECIFIED MINIMUM CLEARANCES MUST BE APPROVED BY ALL AFFECTED UTILITIES AND/OR MUNICIPALITIES
 - b) FOR VALVE ADJUSTMENT CONTACT 702-668-6107 48 HOURS PRIOR TO CONSTRUCTION.
3. IN THE EVENT OF NATURAL GAS CONFLICT WITH PROPOSED UTILITIES AND STRUCTURES CONTACT 702-365-2089.

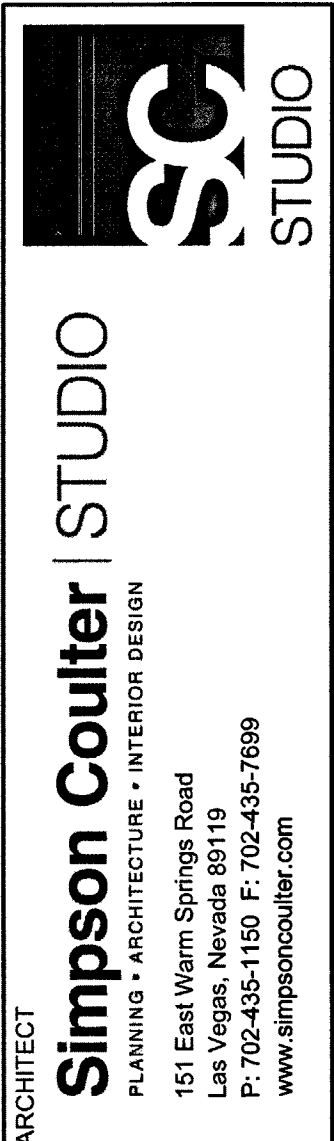
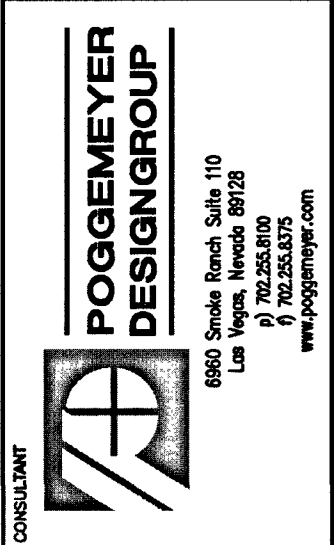
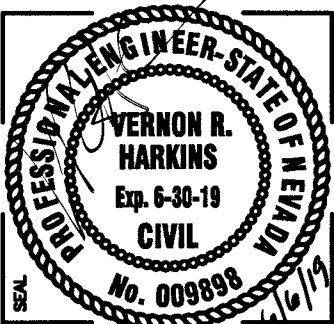
	6/18/19
CITY OF LAS VEGAS FIRE DEPARTMENT	DATE
	6-13-19
SOUTHWEST GAS CORPORATION	DATE

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

[illegible]

DESIGN MANAGER
CM MANAGER
CONSTRUCTION MANAGEMENT
PROJECT MANAGER
CM MANAGER
REQUIREMENTS
SITE ADMINISTRATOR
CODE COMPLIANCE
HERA REVIEW
FSR/FSHR

JOB ID/MPID
0001626



CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.798.6450

PROJECT:

ELBERT EDWARDS E.S. REPLACEMENT

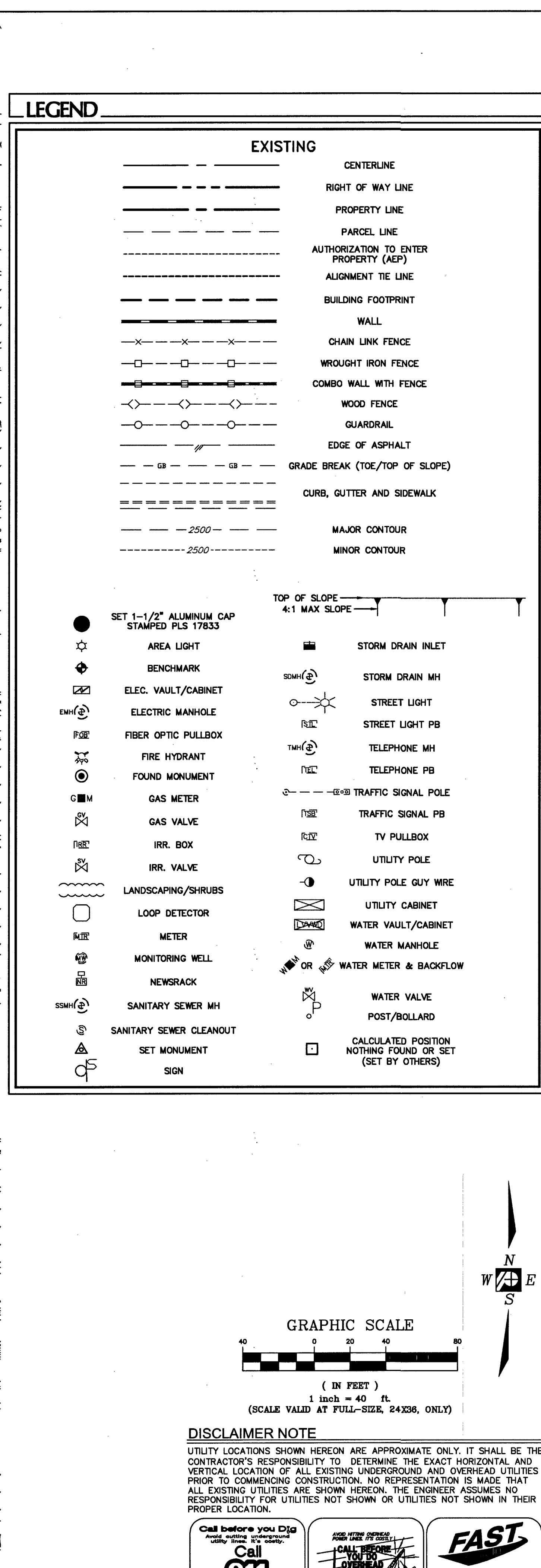
LEGEND, ABBREVIATIONS & QUANTITIES

15551 DIAMOND HEAD DRIVE

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

SHEET NO. 3 of 3

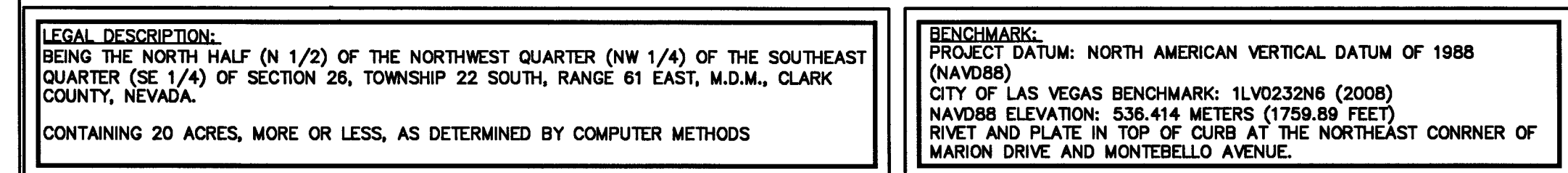
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419-00762
CLV NO. 715-2

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ARCHITECT **Simpson** PLANNING + ARCHITECTURE
151 East Warm Springs Ave.
Las Vegas, Nevada 89101
P: 702-435-1150
www.simpsoncollins.com

SHEET NO. 4 of 31 VOL. E

C1.00
CLV NO. 215-215
419-00762





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Las Vegas, Nevada 89119

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CLARK COUNTY SCH

PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS

PROJECT:

ELBERT EDWARDS E.S. REPLACEMENT

DRAWING TITLE:

DEMOLITION CONTROL PLAN

FACILITY:

4551 DIAMOND HEAD DRIVE

SHEET NO.

5

OF 31

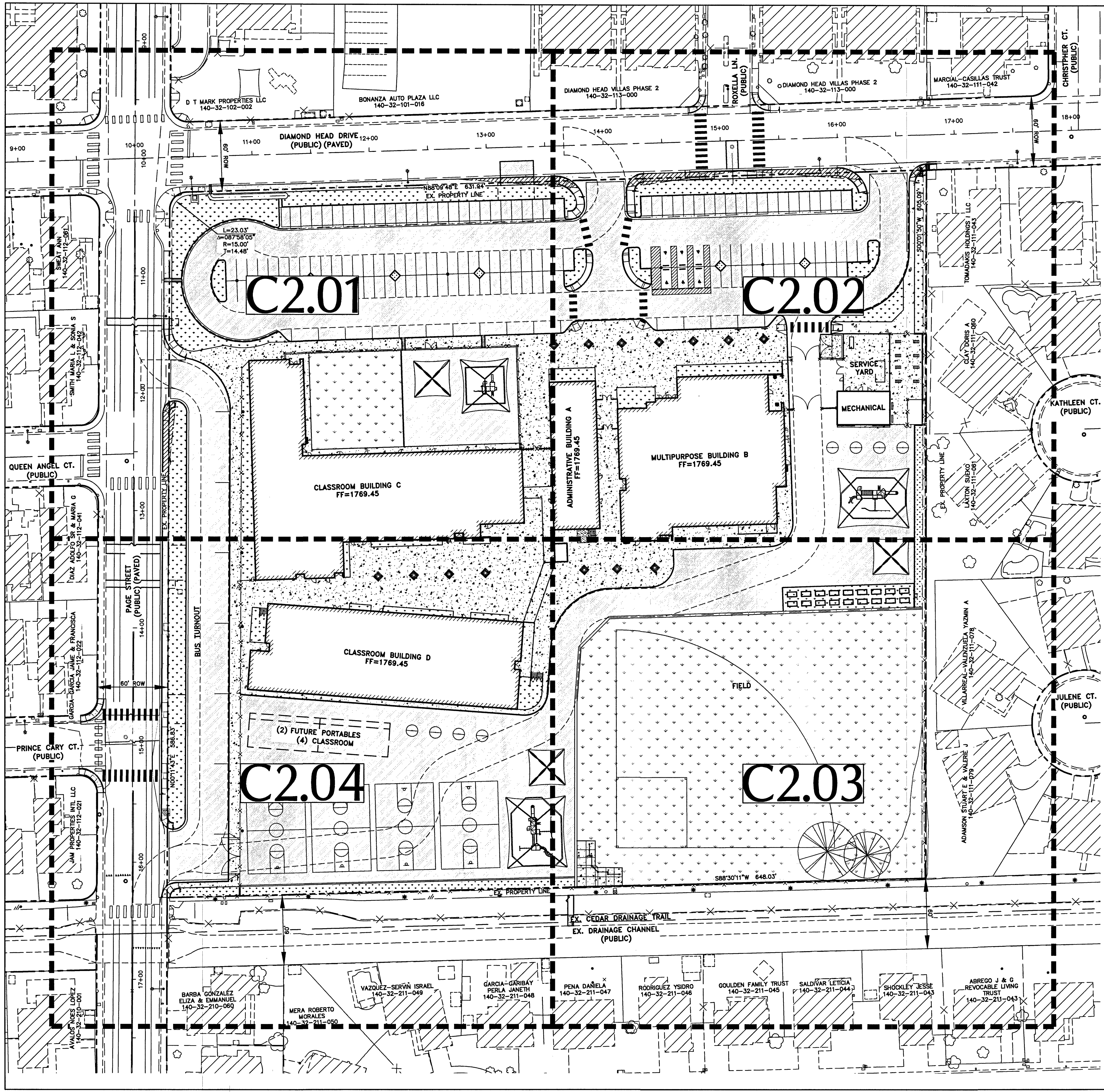
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419-00762

CLV NO. 712712

PROJECT NO. 136279 FIRST APPROVED DATE: 6/29/

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



SURFACE LEGEND			
[Pattern]	ASPHALTIC CONCRETE (OFFSITE)		
[Pattern]	ASPHALTIC CONCRETE (ONSITE)		
[Pattern]	CONCRETE PAVEMENT		
[Pattern]	CONCRETE SIDEWALK/WALKWAY		
[Pattern]	LANDSCAPE AREA		
[Pattern]	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

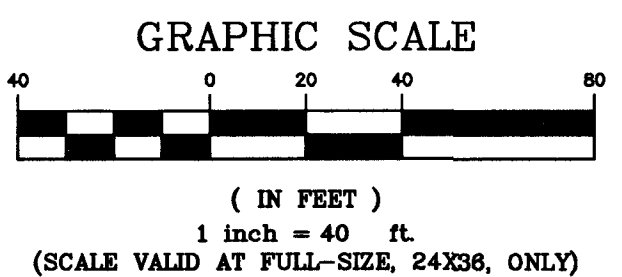
PROJECTION: TRANSVERSE MERCATOR
STANDARD PARALLEL (AND LATITUDE OF GRID ORIGIN): 36°15'00"N
LONGITUDE OF CENTRAL MERIDIAN: 114°58'00"W
NORTHING AT GRID ORIGIN: 200,000,000 M (656,166,667 FTUS)
EASTING AT CENTRAL MERIDIAN: 100,000,000 M (328,083,333 FTUS)
SCALE FACTOR ON CENTRAL MERIDIAN: 1.0001 (EXACT)

NOTES:
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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: 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



DISCLAIMER NOTE
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1-702-227-2929

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

REVISIONS			
REV.	DESCRIPTION	DATE	BY

PLANNING & DESIGN	DATE
DESIGN MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
CM MANAGER	
SITE ADMINISTRATOR	
CODE COMPLIANCE	
ASBESTOS REVIEW	
FSR/FSRR	
ASBESTOS WORK IS:	
REQUIRED ☐	NOT REQUIRED ☐
JOB ID/MPID	0001626

VERNON R. HARKINS
CIVIL
No. 009991

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

POGEMEYER DESIGN GROUP
6660 S. RANCH BLVD. SUITE 110
LAS VEGAS, NEVADA 89128
P: 702-254-8725
F: 702-254-8725
www.pogemeyergroup.com

STUDIO

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

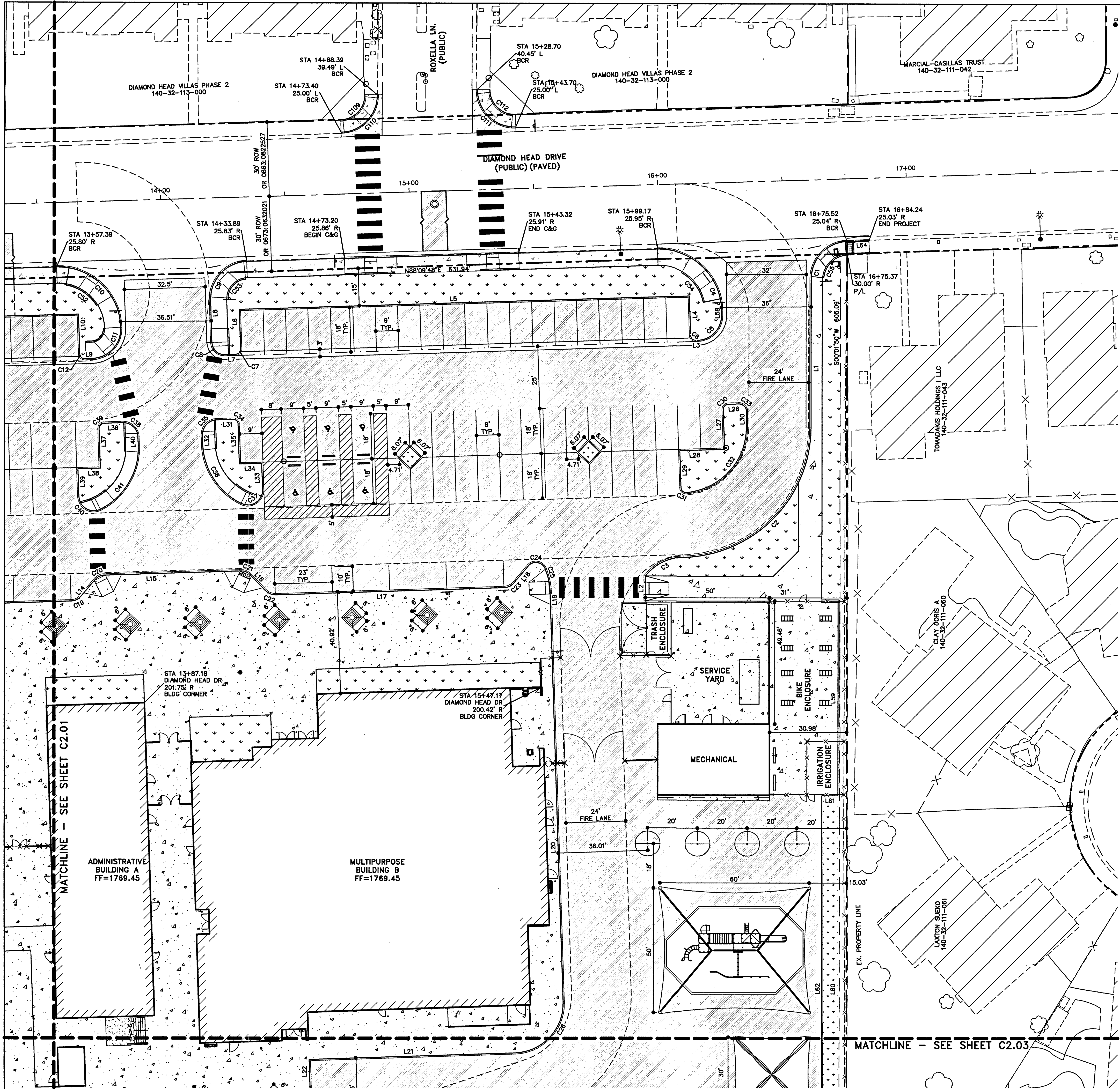
ELBERT EDWARDS E.S. REPLACEMENT

OVERALL SITE PLAN

4551 DIAMOND HEAD DRIVE

SHEET NO. 6 of 31

C2.00
CLV NO. 725-215



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 ORIGIN): 36°15'00"N
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EASTING AT CENTRAL MERIDIAN: 100,000,000 M (328,083,333 FTUS)
SCALE FACTOR ON CENTRAL MERIDIAN: 1.0001 (EXACT)

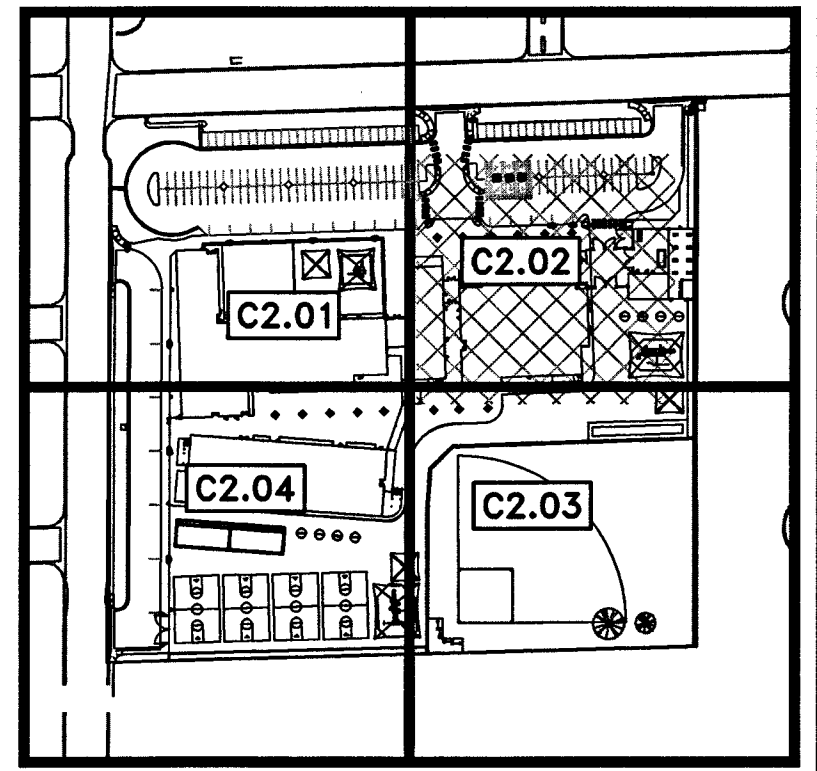
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BENCHMARK:
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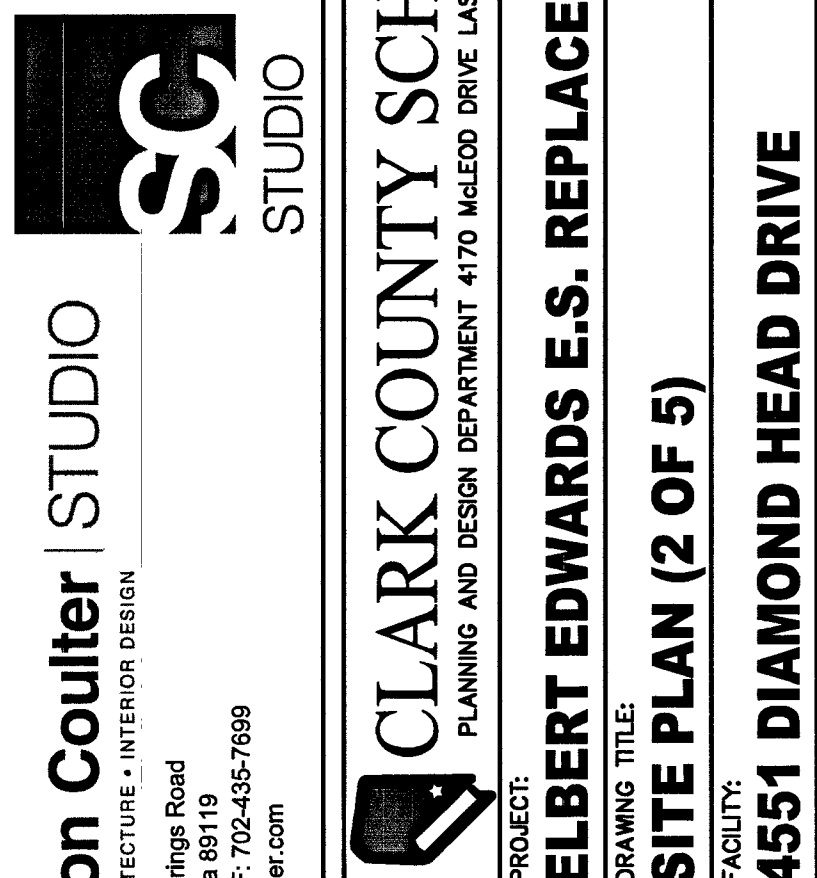
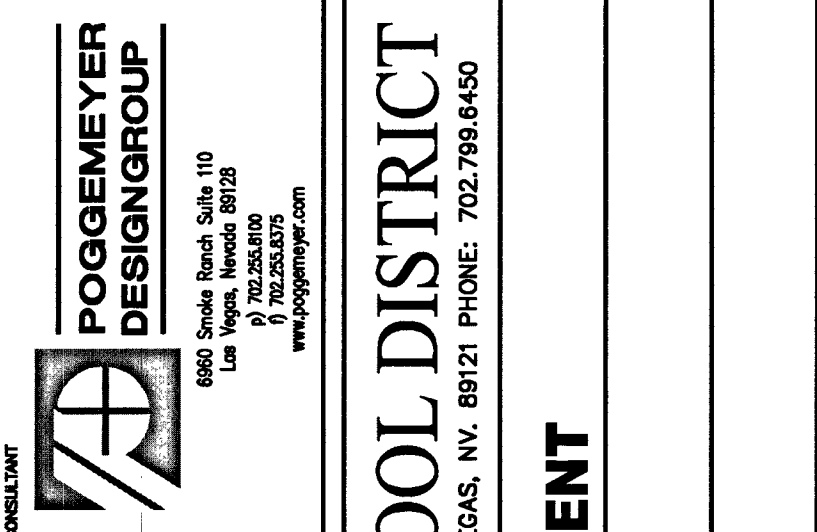
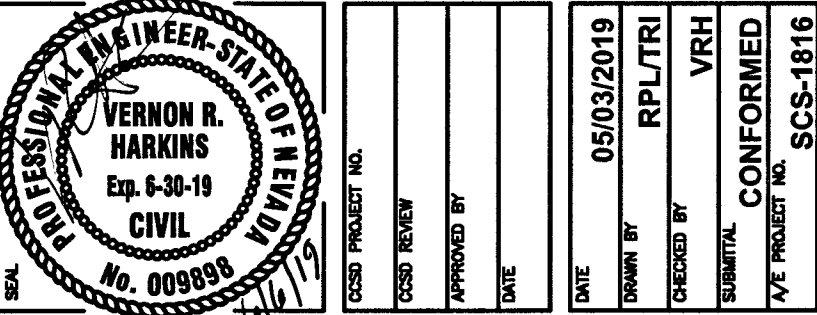
LEGAL DESCRIPTION:
BEING THE NORTH HALF (N 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 28, TOWNSHIP 22 SOUTH, RANGE 61 EAST, M.D.M., CLARK COUNTY, NEVADA.

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

REVISIONS			
REV.	DESCRIPTION:	DATE:	BY:



PLANNING & DESIGN	DATE
DESIGN MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
CN MANAGER	
REQUIREMENTS	
SITE ADMINISTRATOR	
CODE COMPLIANCE	
ASBESTOS REVIEW	
PERMITS/ISSUE	
ASBESTOS WORK IS:	
REQUIRED ☐ NOT REQUIRED ☐	
JOB ID/MPID	
0001626	

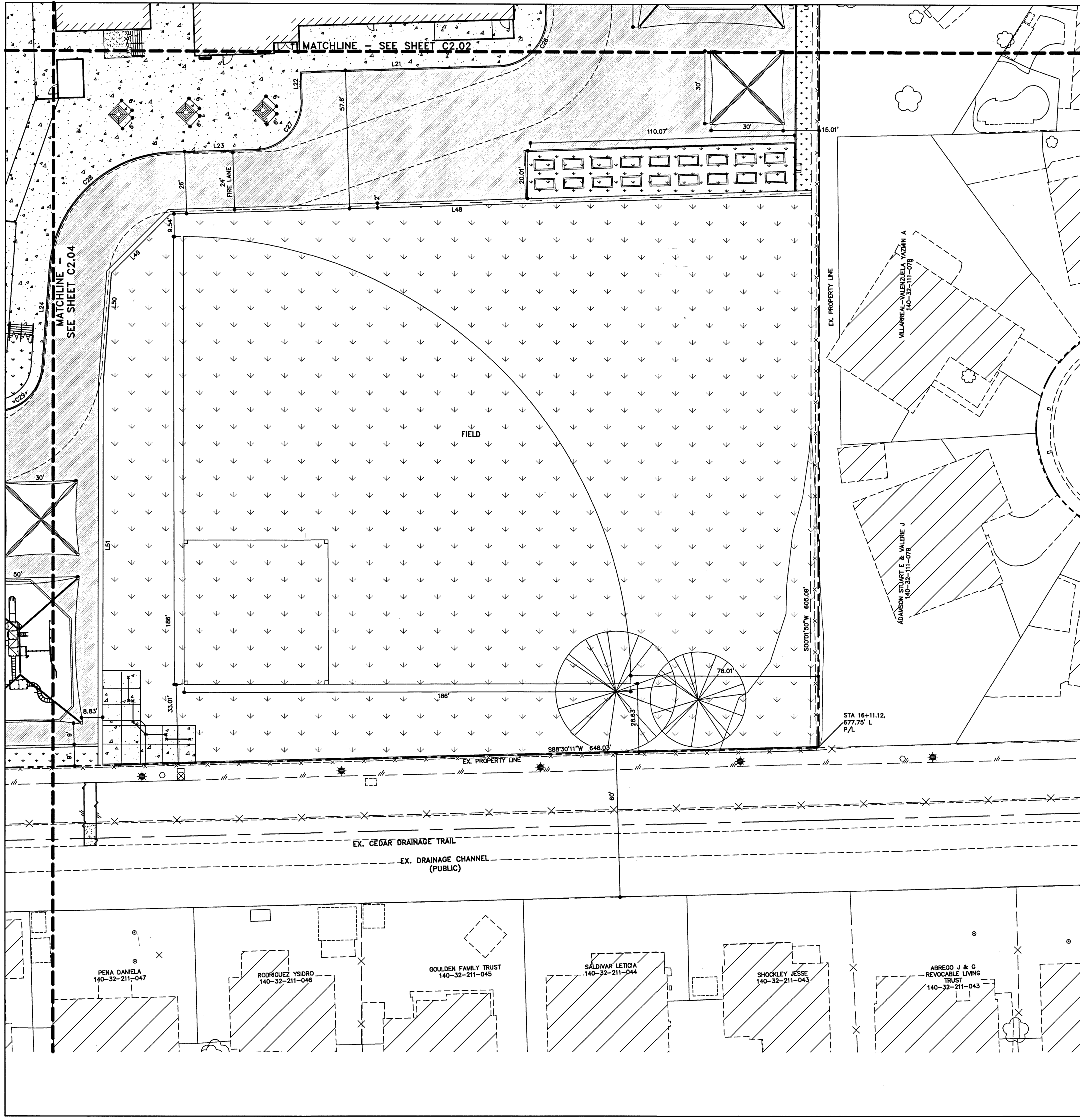


CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 MILEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.798.4450

ELBERT EDWARDS E.S. REPLACEMENT
DRAWING TITLE: **SITE PLAN (2 OF 5)**

4551 DIAMOND HEAD DRIVE

C2.02
119-00762
CLY NO. 215-215



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

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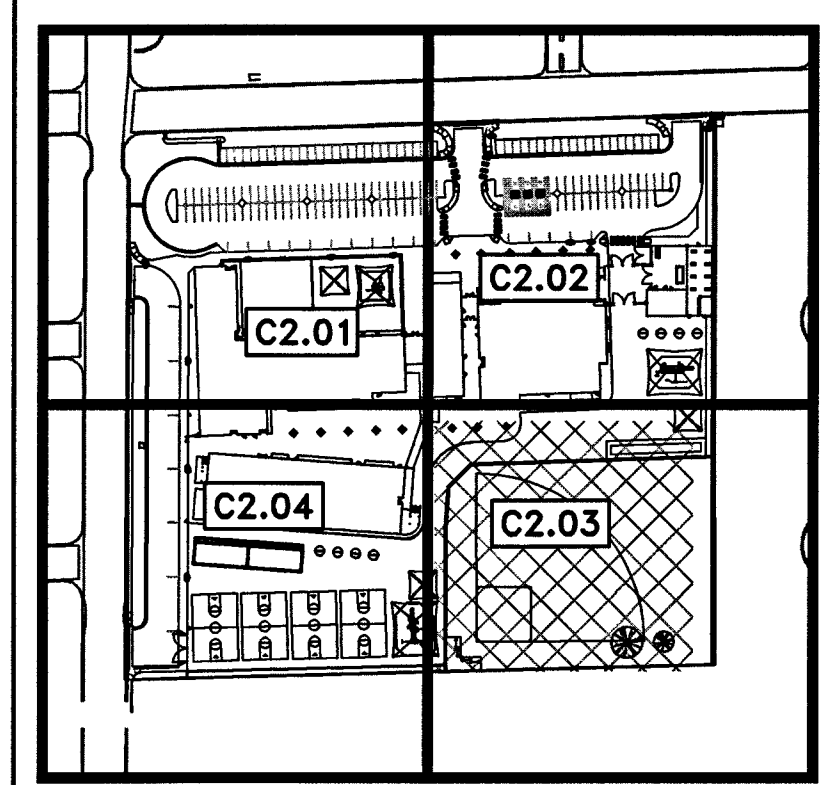
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CONTAINING 20 ACRES, MORE OR LESS, AS DETERMINED BY COMPUTER METHODS

REVISIONS			
REV.	DESCRIPTION	DATE	BY



PLANNING & DESIGN	DATE
DESIGN MANAGER	
CM MANAGER	
CONSTRUCTION MANAGEMENT	
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SITE ADMINISTRATOR	
CODE COMPLIANCE	
ASBESTOS REVIEW	
FSM/FSR	
ASBESTOS WORK IS:	
REQUIRED ☐	NOT REQUIRED ☐
JOB ID/MPID	
0001626	

VERNON R. HARKINS
CIVIL
No. 009989
STATE OF NEVADA

DATE	05/03/2019
DRAWN BY	RPL/TRI
CHECKED BY	VRH
DATE	05/03/2019
DATE	05/03/2019
DATE	05/03/2019
DATE	05/03/2019
DATE	05/03/2019
DATE	05/03/2019
DATE	05/03/2019
DATE	05/03/2019

STUDIO

POGEMEYER DESIGN GROUP

CLARK COUNTY SCHOOL DISTRICT

ELBERT EDWARDS E.S. REPLACEMENT

SITE PLAN (3 OF 5)

4551 DIAMOND HEAD DRIVE

Simpson Coulter Studio

POGEMEYER DESIGN GROUP

CLARK COUNTY SCHOOL DISTRICT

ELBERT EDWARDS E.S. REPLACEMENT

SITE PLAN (3 OF 5)

4551 DIAMOND HEAD DRIVE

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POGEMEYER DESIGN GROUP

CLARK COUNTY SCHOOL DISTRICT

ELBERT EDWARDS E.S. REPLACEMENT

SITE PLAN (3 OF 5)

4551 DIAMOND HEAD DRIVE

STUDIO

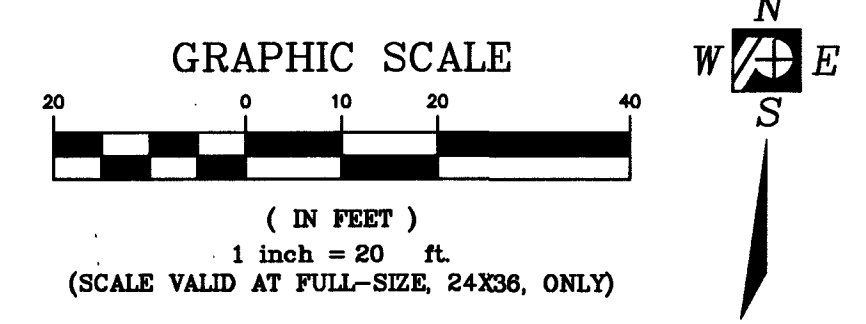
POGEMEYER DESIGN GROUP

CLARK COUNTY SCHOOL DISTRICT

ELBERT EDWARDS E.S. REPLACEMENT

SITE PLAN (3 OF 5)

4551 DIAMOND HEAD DRIVE

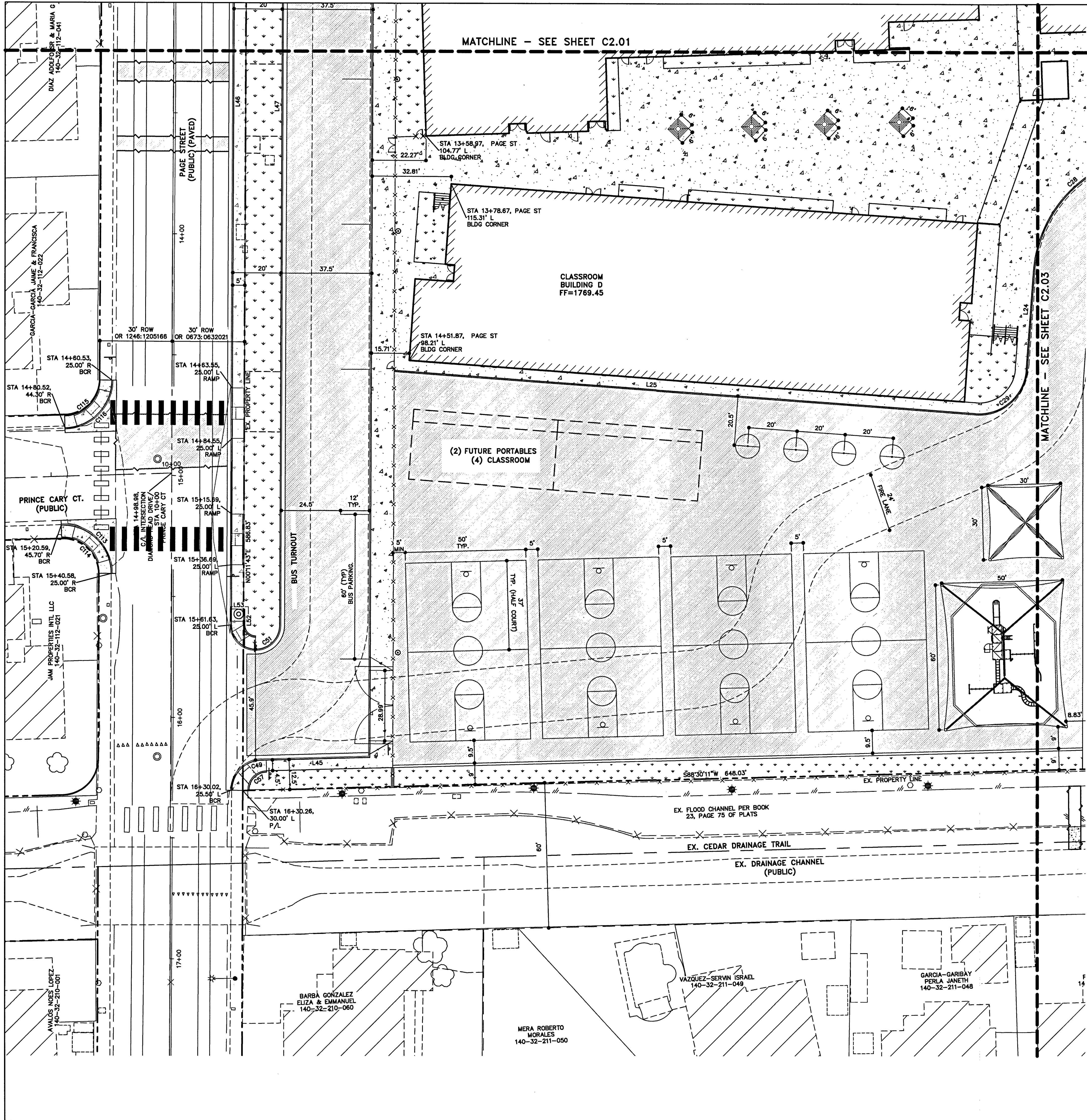


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FAST
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SURFACE LEGEND

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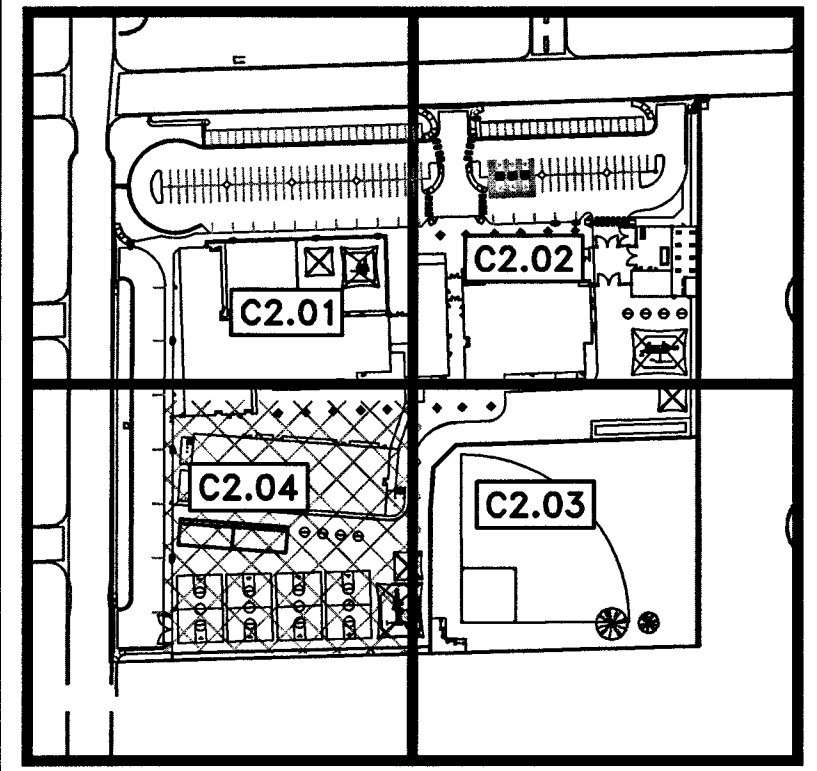
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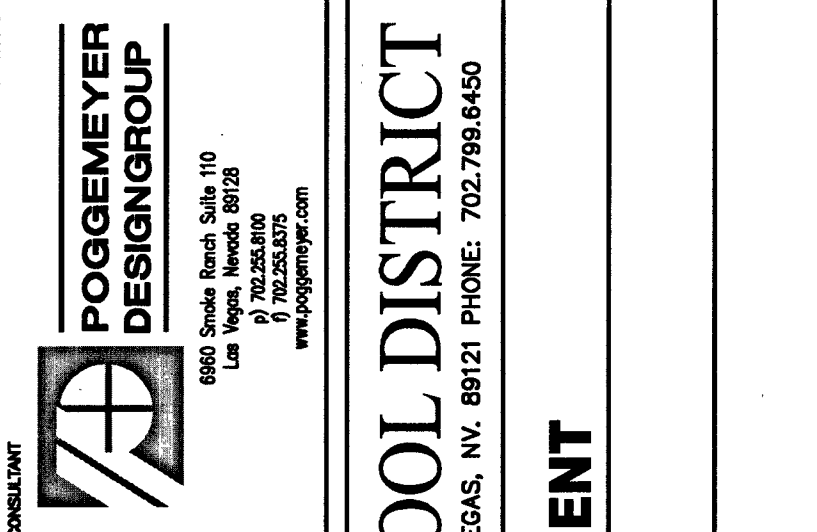
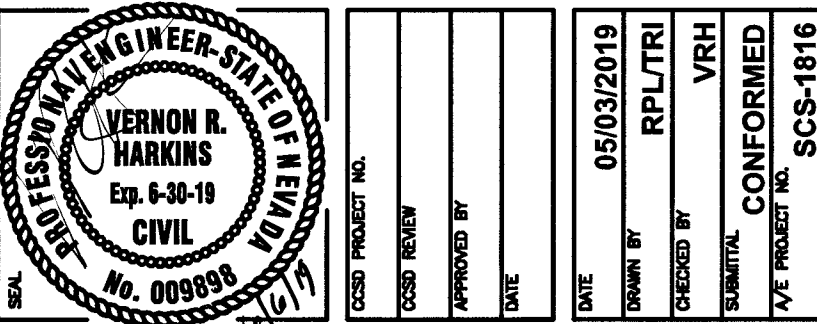
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CONTAINING 20 ACRES, MORE OR LESS, AS DETERMINED BY COMPUTER METHODS

REVISIONS			
REV.	DESCRIPTION	DATE	BY



PLANNING & DESIGN	DATE
DESIGN MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
CON MANAGER	
REQUIREMENTS	
SITE ADMINISTRATION	
CODE COMPLIANCE	
ASBESTOS REVIEW	
PER/FSMR	
ASBESTOS WORK IS:	
REQUIRED	NOT REQUIRED
JOB ID/MPID	0001626



STUDIO

STUDIO

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CLARK COUNTY SCHOOL DISTRICT

PLANNING AND DESIGN DEPARTMENT 4170 MILEED DRIVE LAS VEGAS, NV 89121 PHONE: 702.799.6450

ELBERT EDWARDS E.S. REPLACEMENT

PROJECT:

DRAWING TITLE:

SITE PLAN (4 OF 5)

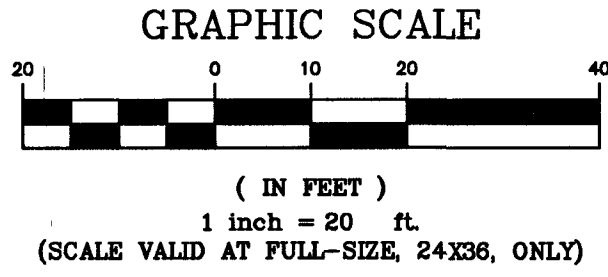
FACILITY:

4551 DIAMOND HEAD DRIVE

SHEET NO. 10 OF 31

C2.04

CLY NO. 7/5-215



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USE THE PROPER CALLING METHOD

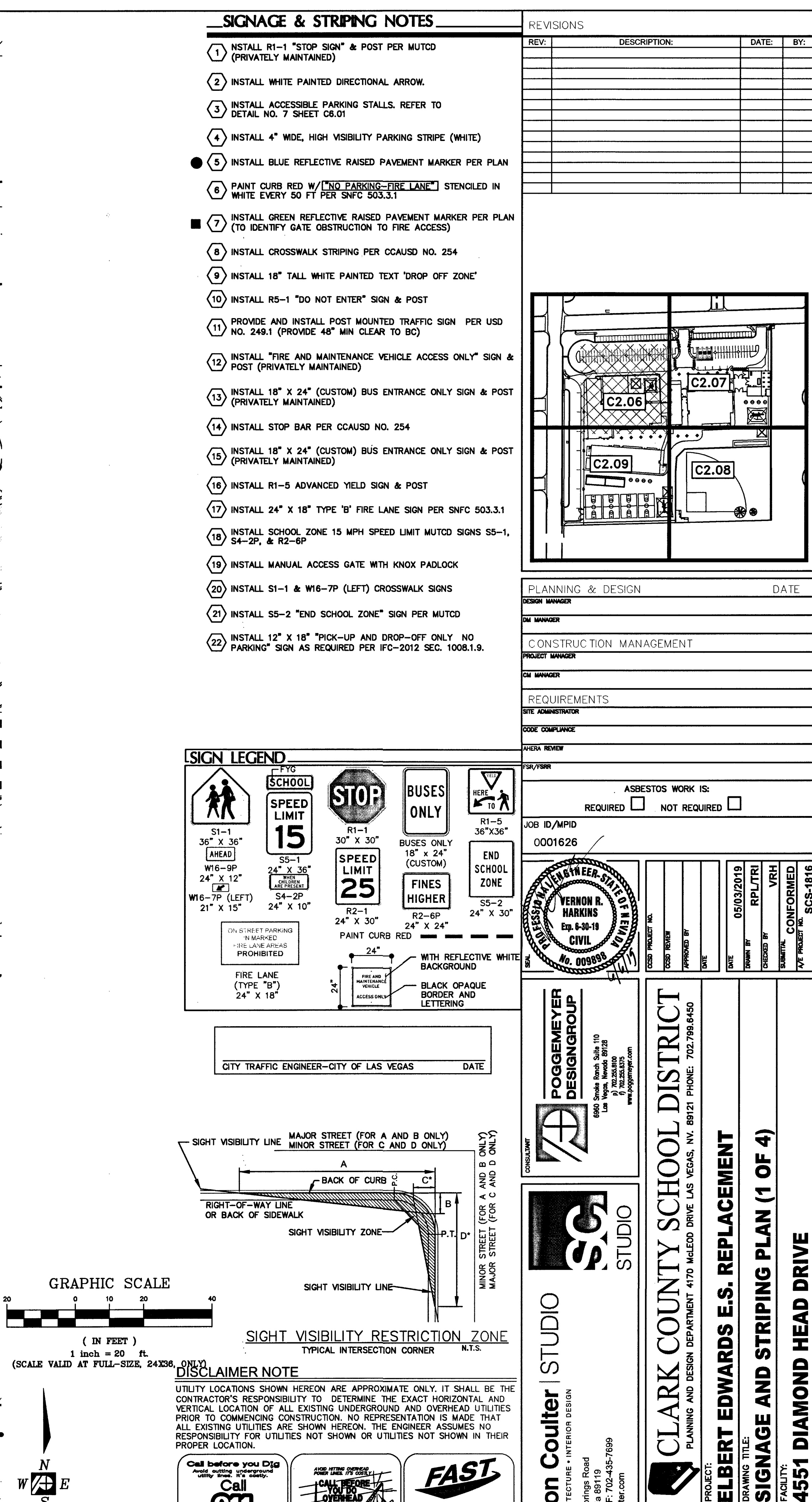
CALL BEFORE YOU DIG

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FAST

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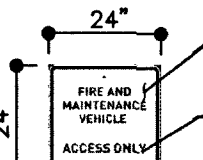
SIGN LEGEND

 S1-1 36" x 36" AWARD W16-9P 24" x 12"  W16-7P (LEFT) 21" x 15"	F70 SCHOOL  S5-1 24" x 36" BELOW MINIMUM S4-2P 24" x 10"	 R1-1 30" x 30" SPEED LIMIT 25 R2-1 24" x 30"	 BUSES ONLY 18" x 24" (CUSTOM) FINES HIGHER R2-6P 24" x 24"	 R1-5 36" x 36" END SCHOOL ZONE S5-2 24" x 30"
--	---	---	--	--

ON STREET PARKING
IN MARKED
"X"ED AREAS
PROHIBITED

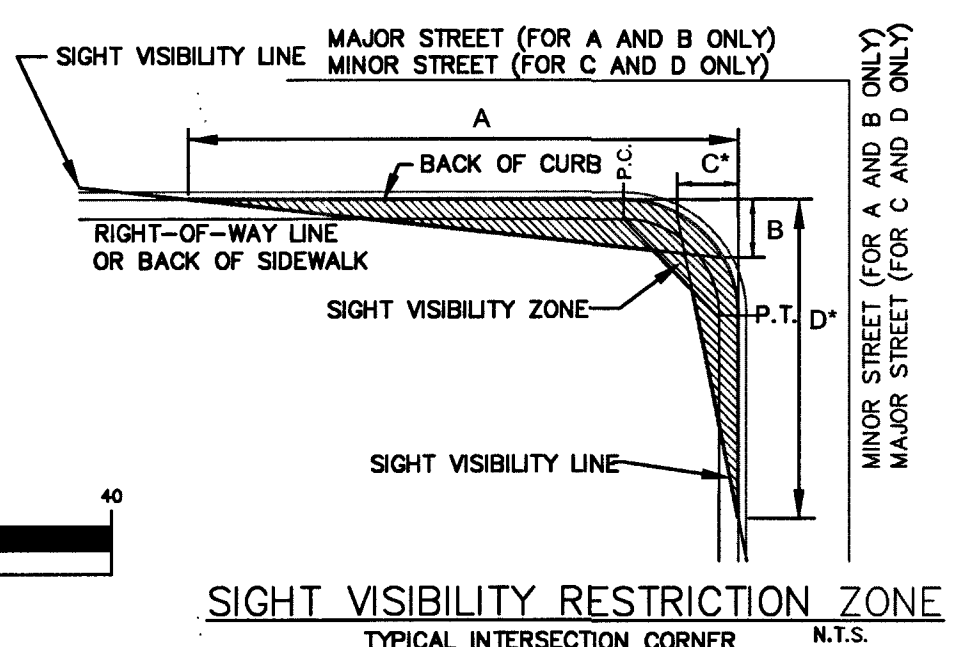
FIRE LANE
(TYPE "B")
24" x 18"

PAINT CURB RED



CITY TRAFFIC ENGINEER-CITY OF LAS VEGAS

DATE _____



ONLY DISCLAIMER NOTE

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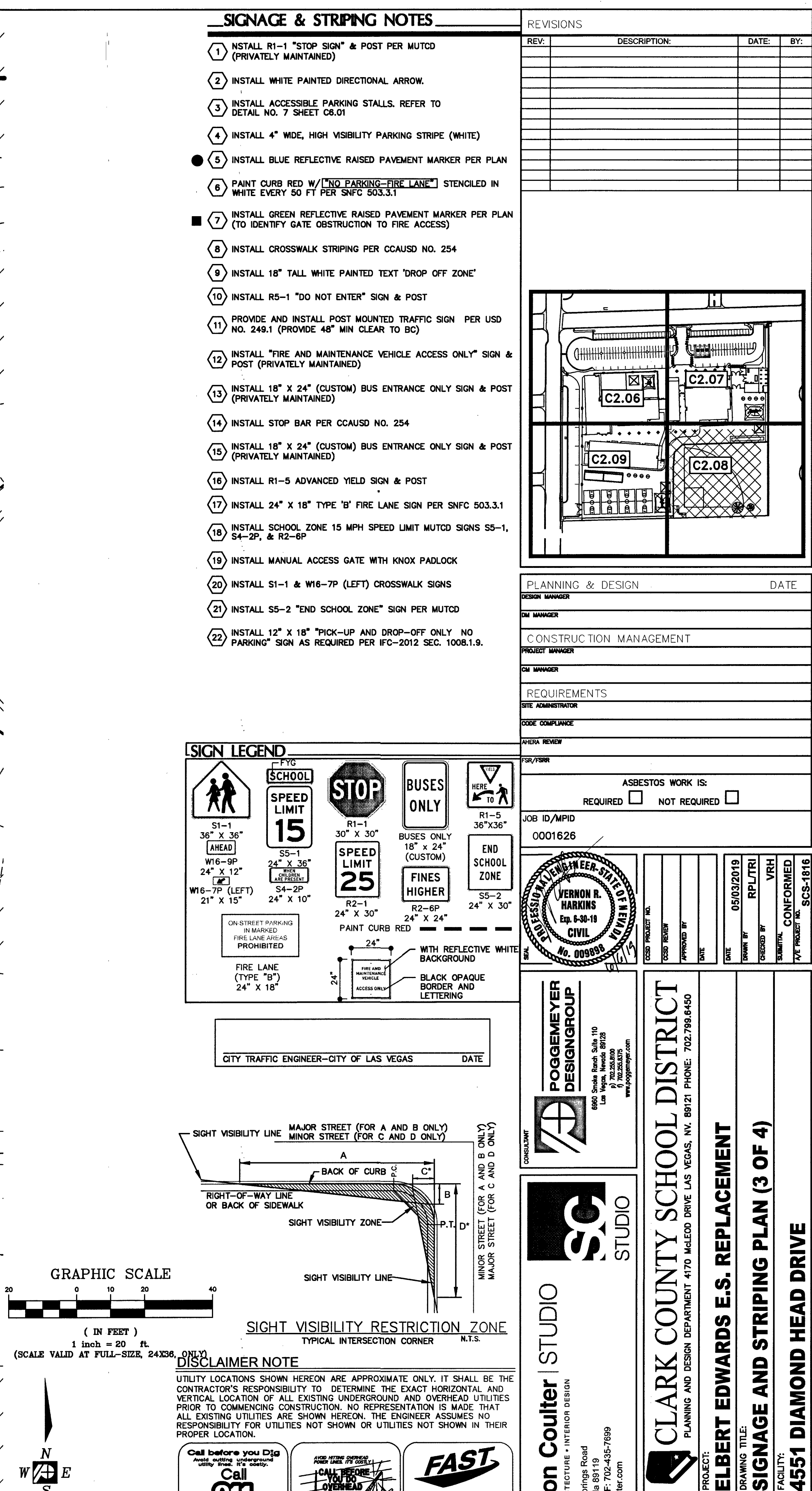
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ARCHITECT **Simpson** PLANNING • ARCHITECTURE
151 East Warm Springs Ave.
Las Vegas, Nevada 89101
P: 702.435-1150
www.simpsoncorporate.com

SHEET NO. 12 of 31 VOL. E

C2.06
L19-00762
CLV NO. 715-215

[illegible]

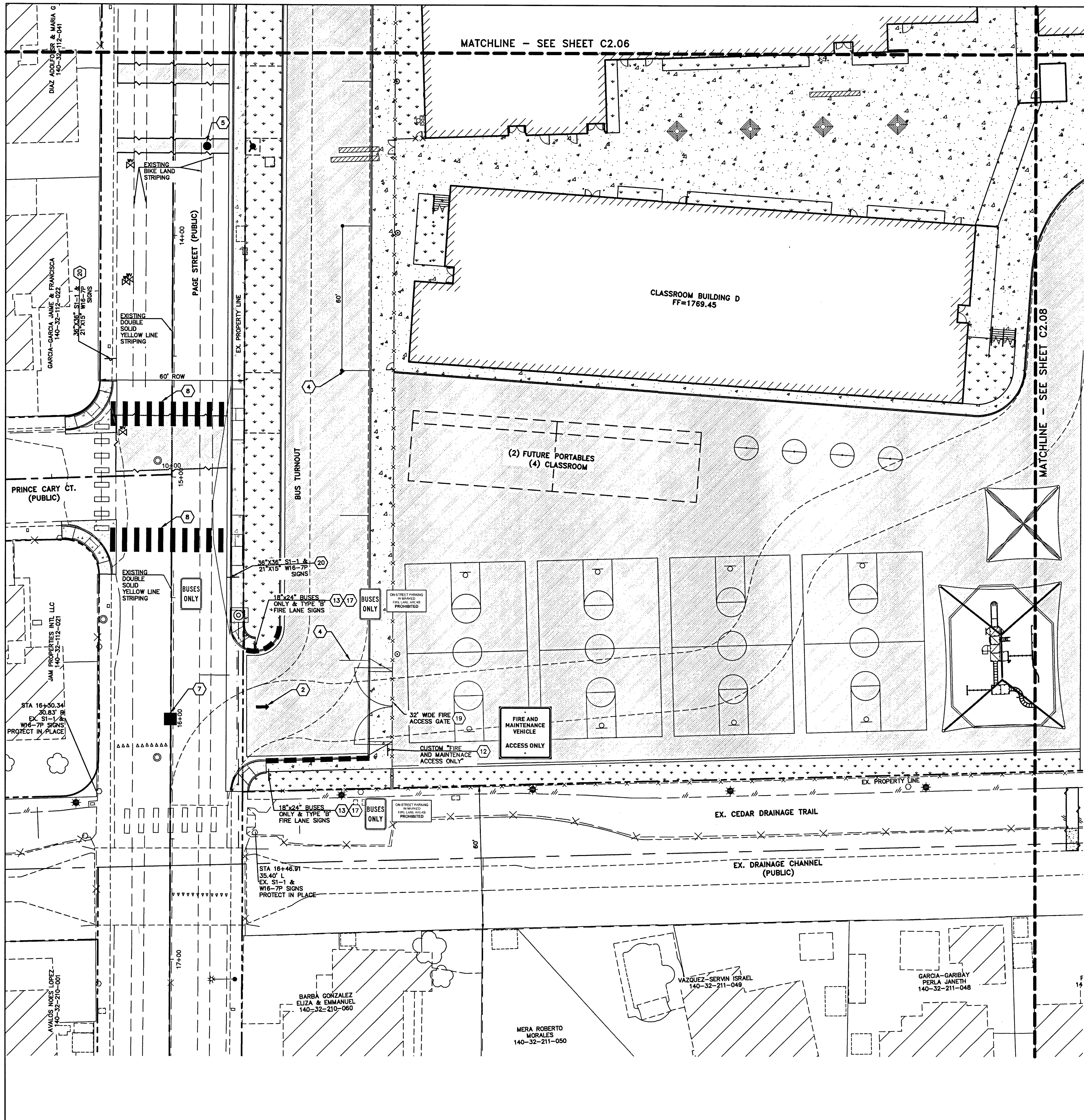




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151 East Warm Springs Road
Las Vegas, Nevada 89119
P: 702-435-1150 F: 702-435-7777
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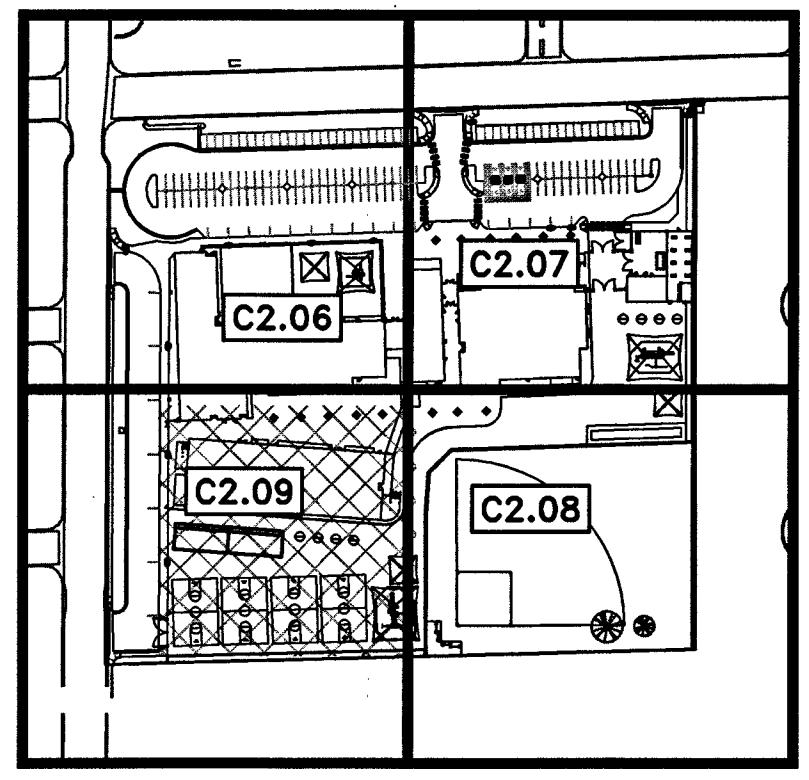


SIGNAGE & STRIPING NOTES

- 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 CCAUD 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 CCAUD 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.

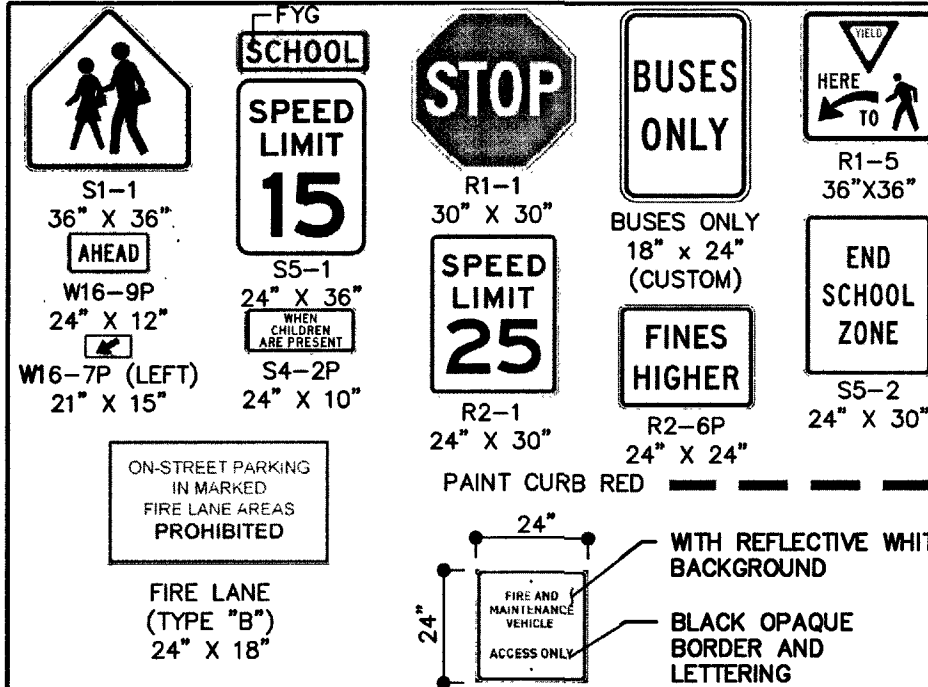
REVISIONS

REV.	DESCRIPTION	DATE	BY

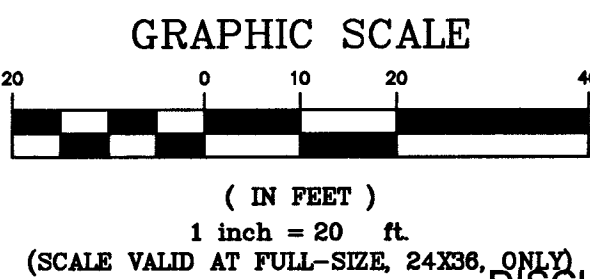
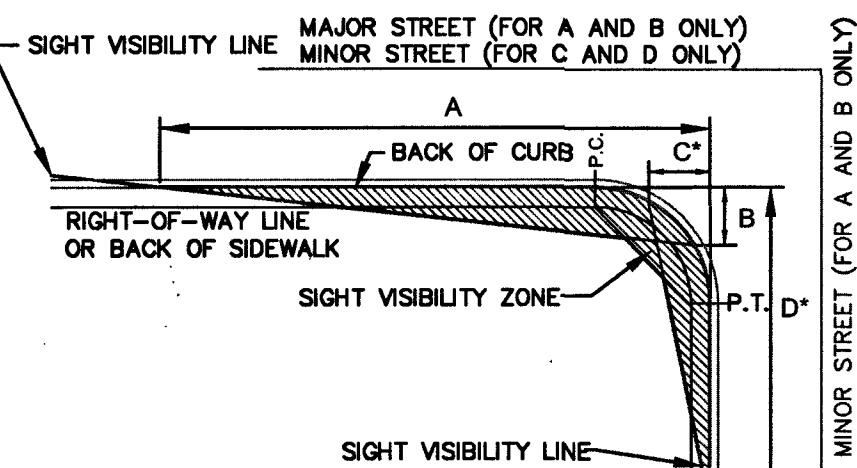


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PROJECT MANAGER	
CM MANAGER	
REQUIREMENTS	
SITE ADMINISTRATOR	
CODE COMPLIANCE	
ASBESTOS REVIEW	
ASBESTOS WORK IS:	
REQUIRED	NOT REQUIRED

SIGN LEGEND



QTY TRAFFIC ENGINEER-CITY OF LAS VEGAS DATE



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
1-702-227-2929

FAST
1-702-432-5300

ASBESTOS WORK IS:
REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID
0001626

VERNON R. HARKINS
E.P. 6-30-19
CIVIL
No. 009991

POGGEMEYER
DESIGN GROUP
6860 S. RIVER ROAD, SUITE 110
LAS VEGAS, NEVADA 89128
702.255.8075
www.poggemeyer.com

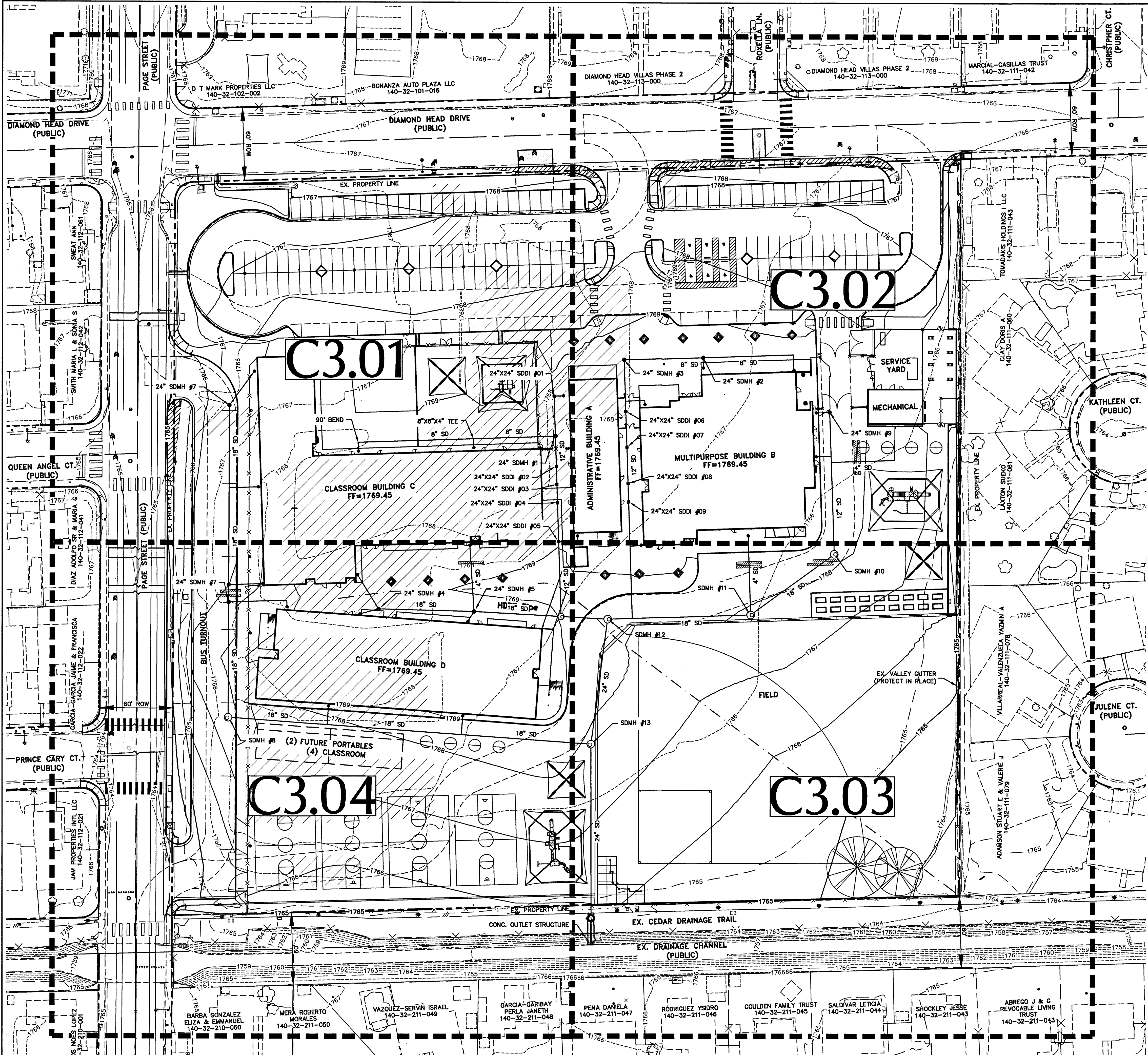
Simpson Coulter | STUDIO

CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 MCLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.798.6450

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
CLV NO. 725-215

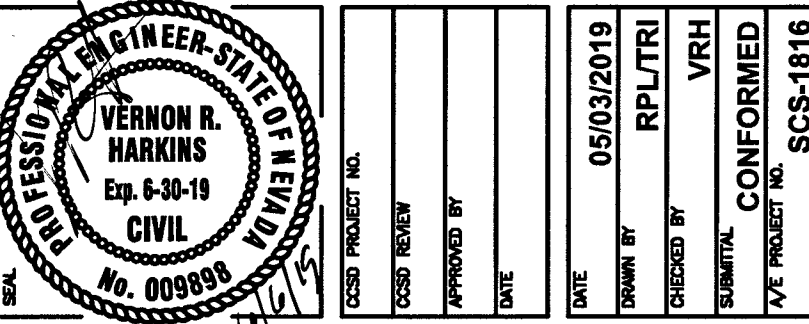


REVISIONS			
REV.	DESCRIPTION	DATE	BY

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

VRH 6/16/19
VERNON R. HARKINS, PE #009898 DATE

PLANNING & DESIGN	DATE
DESIGN MANAGER	
CM MANAGER	
CONSTRUCTION MANAGEMENT	
PROJECT MANAGER	
CM MANAGER	
REQUIREMENTS	
SITE ADMINISTRATOR	
CODE COMPLIANCE	
AVENUE REVIEW	
FSR/FSR	
ASBESTOS WORK IS:	
REQUIRED ☐ NOT REQUIRED ☐	
JOB ID/MPID	
0001626	



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.

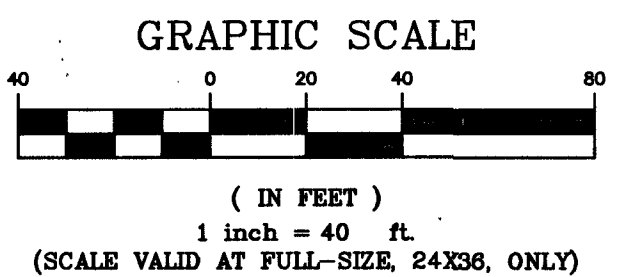
LINEAR UNIT: US SURVEY FOOT (FTUS)

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 ORIGIN): 36°15'00"N
LONGITUDE OF CENTRAL MERIDIAN: 114°58'00"W
NORTHING AT GRID ORIGIN: 200,000,000 M (656,166,667 FTUS)
EASTING AT CENTRAL MERIDIAN: 100,000,000 M (328,083,333 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.



DISCLAIMER NOTE
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Call 811
1-800-227-2600

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

FAST
Call before you Dig
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 #20184485E1, DATED NOVEMBER 2, 2018 AND UPDATED FEBRUARY 6, 2019.

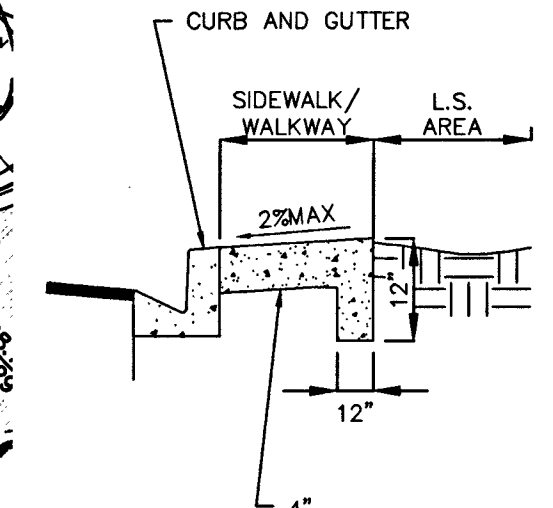
FEMA STATEMENT:
ACCORDING TO FEMA, THE SUBJECT PROPERTY IS LOCATED IN ZONE X, ON FIRM PANEL 320030 21875; EFFECTIVE DATE OCTOBER 5, 2018, BASED UPON LATEST LOMR.

Simpson Coulter STUDIO
ARCHITECT
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: 702.798.6450

ELBERT EDWARDS E.S. REPLACEMENT
PROJECT TITLE: OVERALL GRADING PLAN
SHEET NO. 16 OF 31
VOL. E

C3.00
CLV NO. 715-215



REVISIONS

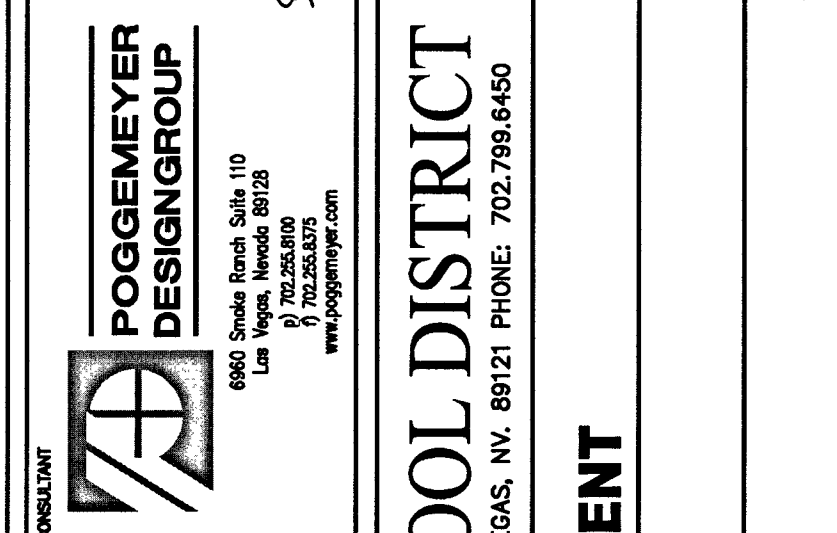
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VERNON B. JARVIS DE #000808 6/6/19



- ASBESTOS WORK IS:
REQUIRED ☐ NOT REQUIRED ☐

JOB ID/MPID
0001626



GRAPHIC SCALE

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

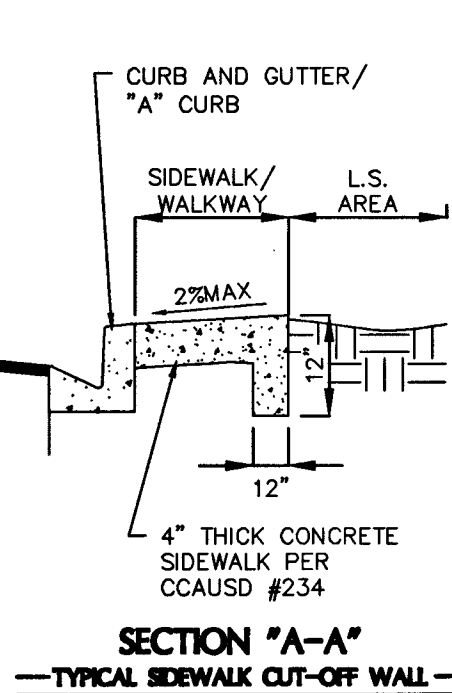
Call before you Dig Avoid utility underground utility theft. It's costly. Call 811 1-800-227-2600	AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY. CALL BEFORE YOU DO OVERHEAD  1-702-227-2929	FAST Call before you UnderGround. 1-702-432-5306 PRECISION AND ACCURATE SYSTEM OF UNDERGROUND
--	--	--

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.

ARCHITECT Simpson Coulter STUDIO PLANNING • ARCHITECTURE • INTERIOR DESIGN 151 East Warm Springs Road Las Vegas, Nevada 89119 P: 702-335-1150 F: 702-432-7899 www.simpsoncoulter.com	CLARK COUNTY PLANNING AND DESIGN DEPARTMENT	ELBERT EDWARDS E.S. GRADING PLAN (1 OF 4)
	PROJ. NO.: DRAWING TITLE:	FACILITY:
SHEET NO.	17 OF 31	VOL. OF:

C3.01

419-00762



REVISIONS

- [illegible]

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



DESIGN MANAGER
DM MANAGER
C CONSTRUCTION MANAGEMENT
PROJECT MANAGER
CM MANAGER
REQUIREMENTS
SITE ADMINISTRATOR
CODE COMPLIANCE

ASBESTOS WORK IS:
REQUIRED ☐ NOT REQUIRED ☐

- | | REQUIRED | NOT REQUIRED |
|-------------|----------|--------------|
| JOB ID/MPID | | |
| 0001626 | | |

NOTE:

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

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 ORIGIN): 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) DISTANCES 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.

[illegible]

GRAPHIC SCALE

20 0 10 20 40



(IN FEET)

1 inch = 20 ft.

(SCALE VALID - FULL SITE 24X28 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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UnderGround.
1-702-432-5300

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 MONTEFLO 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 LOWR.

ARCHITECT
Simpson Coulter | STUDIO

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151 East Warm Springs Road

Las Vegas, Nevada 89119
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5
SHE
2

19-

PROJECT: 18

3. **ELBERT**
of 31
226

DRAWING TITLE:
GRADING

2 FACILITY: GRADIN

4551 DI
OL E

CLARK COUNTY SCHOOL DISTRICT
PLANNING AND DESIGN DEPARTMENT 4170 M-1600 DRIVE LAS VEGAS, NV 89049 PH(702) 700-6400

PROJECT:
ELBERT EDWARDS E.S. REPLACEMENT

DRAWING TITLE:
GRADING PLAN (2 OF 4)
FACILITY:

4551 DIAMOND HEAD DRIVE

CCSD PROJECT NO.
CCSD REVIEW
APPROVED BY

DATE

DATE 05/03/2019

DRAWN BY
RPL/TRI

CHECKED BY	VRH
SUBMITTAL	

CONFIRMED
A/E PROJECT NO. SCS-1816

PROJECT NO.
REVIEW
OWNED BY

[illegible]

05/03/2019

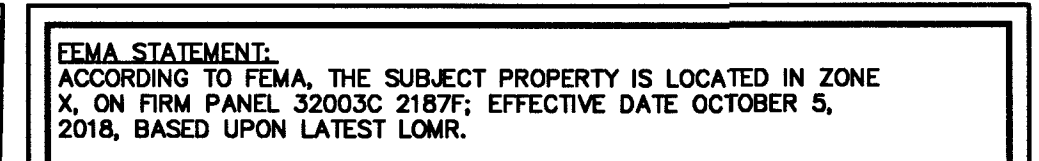
03/03/2019	RPL/TRI
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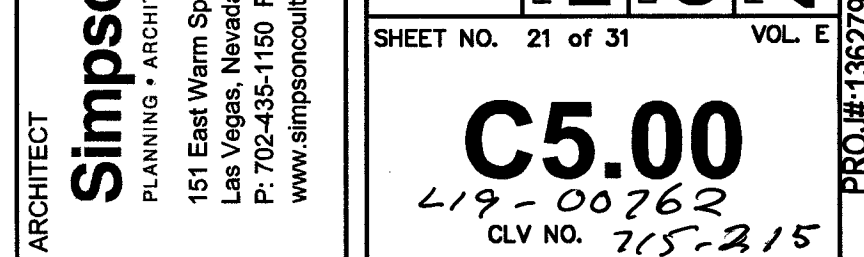
INITIAL	VRH
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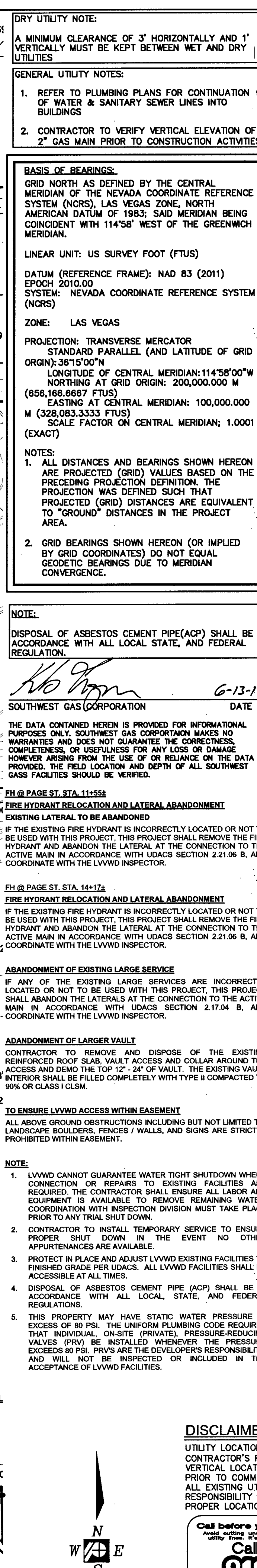
CONFIRMED
PROJECT NO. SCS-1816



19-00762
CLV NO. 215-215







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	INSTALL 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. 31
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 #
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 PLAN FOR CONNECTION
67	INSTALL POST INDICATOR VALVE (PIV) W/ TAMPER SWITCH A MIN. OF 5' FROM BUILDING
68	INSTALL 2" RPDA IN ABOVE GROUND INSULATED ENCLOSURE PER UDACS PLATE NO. 8 & DETAIL 7 SHEET CB.02
69	INSTALL 4" METER (OCTAVE) AND 6" RPDA ASSEMBLY PER INSTALLATION DETAIL "5", SHEET CB.03. SHOP DRAWINGS FOR ALL BACKFLOW COVER INCLUDING OCTAVE METERS LARGER THAN 2" SHALL BE REVIEWED BY LVMDO.
70	INSTALL 4" x 2" TEE PER UDACS PLATE NO. 31
71	INSTALL 4" x 2 1/2" TEE PER UDACS PLATE NO.
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 LINE 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 ABOVE ENCASED WATER LINES
77	INSTALL 2-1/2" 90° BEND PER UDACS PLATE NO.
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 DETAIL 410.01. SEE DETAIL 4 ON SHEET CB.03. REFER TO PLUMBING SHEETS FOR ADITT. DETAILS.
87	INSTALL SAMPLE BOX. REFER TO PLUMBING SHEETS FOR ADITT. DETAILS.
88	INSTALL WYE LATERAL CONNECTION PER DCSWCS DWG. NO. SD-22
GRAPHIC SCALE	
NOTE	
SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL, AND OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES. NO REPRESENTATION IS MADE THAT UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THE	

[illegible]

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 LOWR.
--	---	--


1-800-227-2600


1-702-227-2929


1-702-432-5300


**151 East Warm Springs Ave.
 Las Vegas, NV 89119
 Tel: 702-432-1111
 www.simpson.com**


ARCHITECT


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



NOTE:

1. LVWVD CANNOT GUARANTEE WATER TIGHT SHUTDOWN WHERE CONNECTION OR REPAIRS TO EXISTING FACILITIES ARE REQUIRED. THE CONTRACTOR SHALL ENSURE ALL LATEST EQUIPMENT IS AVAILABLE TO REMOVE REMAINING WATER. COORDINATION WITH INSPECTION DIVISION MUST TAKE PLACE PRIOR TO ANY TRAIL SHUT DOWN.
2. CONTRACTOR TO INSTALL TEMPORARY SERVICE TO ENSURE PROPER SHUT DOWN IN THE EVENT NO OTHER APPOINTMENTS ARE AVAILABLE.
3. PROTECT IN PLACE AND ADJUST LVWVD EXISTING FACILITIES TO FINISHED GRADE PER UDCMS. ALL LVWVD FACILITIES SHALL BE RESPONSIBLE FOR THESES.
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 REQUIRE THAT THAT ANY EXCESSIVE PRIVATE WATER PRESSURE-REDUCING VALVES (PRVs) BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRVS ARE THE DEVELOPERS' RESPONSIBILITY, AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVWVD FACILITIES.

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 ORIGIN): 36°15'00"N
LONGITUDE OF CENTRAL MERIDIAN: 114°58'00.00"W
SCALE FACTOR OF GRID ORIGIN: 200,000,000 M
(656,166,667 FTUS)
EASTING AT CENTRAL MERIDIAN: 100,000,000 M (328,083,333 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 PROJECTION (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.

CLV FIRE / / DATE

SEE COVER

STATE FIRE MARSHAL / / DATE

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-28
85	CONNECT TO EXISTING MANHOLE.
86	INSTALL JENSEN 750 GALLON GREASE INTERCEPTOR W/ OODOR CONTROL MANHOLE COVERS PER DCSWCS SECTION 4.10.01. SEE DETAIL 4 ON SHEET C6.03. REFER TO PLUMBING SHEETS FOR ADPTL DETAILS.
87	INSTALL SAMPLE BOX. REFER TO PLUMBING SHEETS FOR ADPTL DETAILS.
88	INSTALL WYE LATERAL CONNECTION PER DCSWCS DWG. NO. SD-22



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 costly. Call 811 1-800-227-2600	AVOID HITTING DEEPENED POWER LINES. IT'S COSTLY. CALL BEFORE YOU DO OVERHEAD  1-702-227-2929	FAST Call before you UnderGround. 1-702-432-5300 PREMIER AND METEORICAL CONSTRUCTION SERVICES
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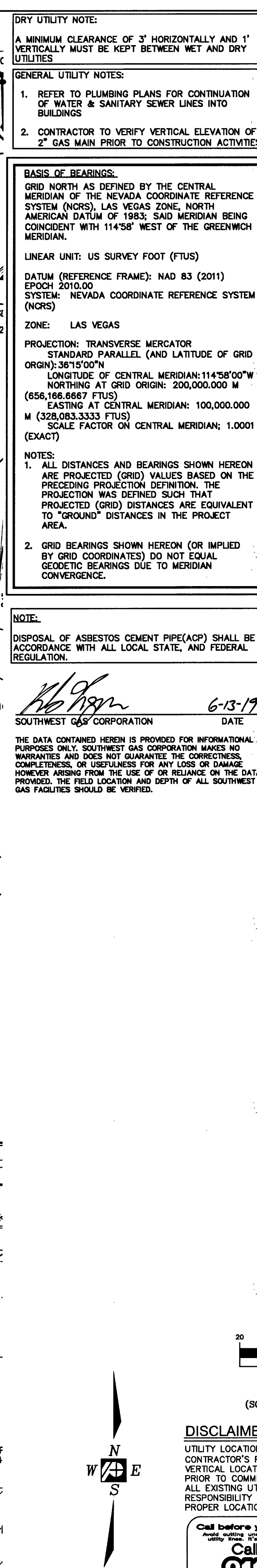
**POSGEMEYER
DESIGNGROUP**

6660 Shoreline Ranch, Suite 110
Lakewood, CO 80226
P 720.258.6100
F 720.258.5075
www.pdggroup.com

5551 DIAMOND HEAD DRIVE

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

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.

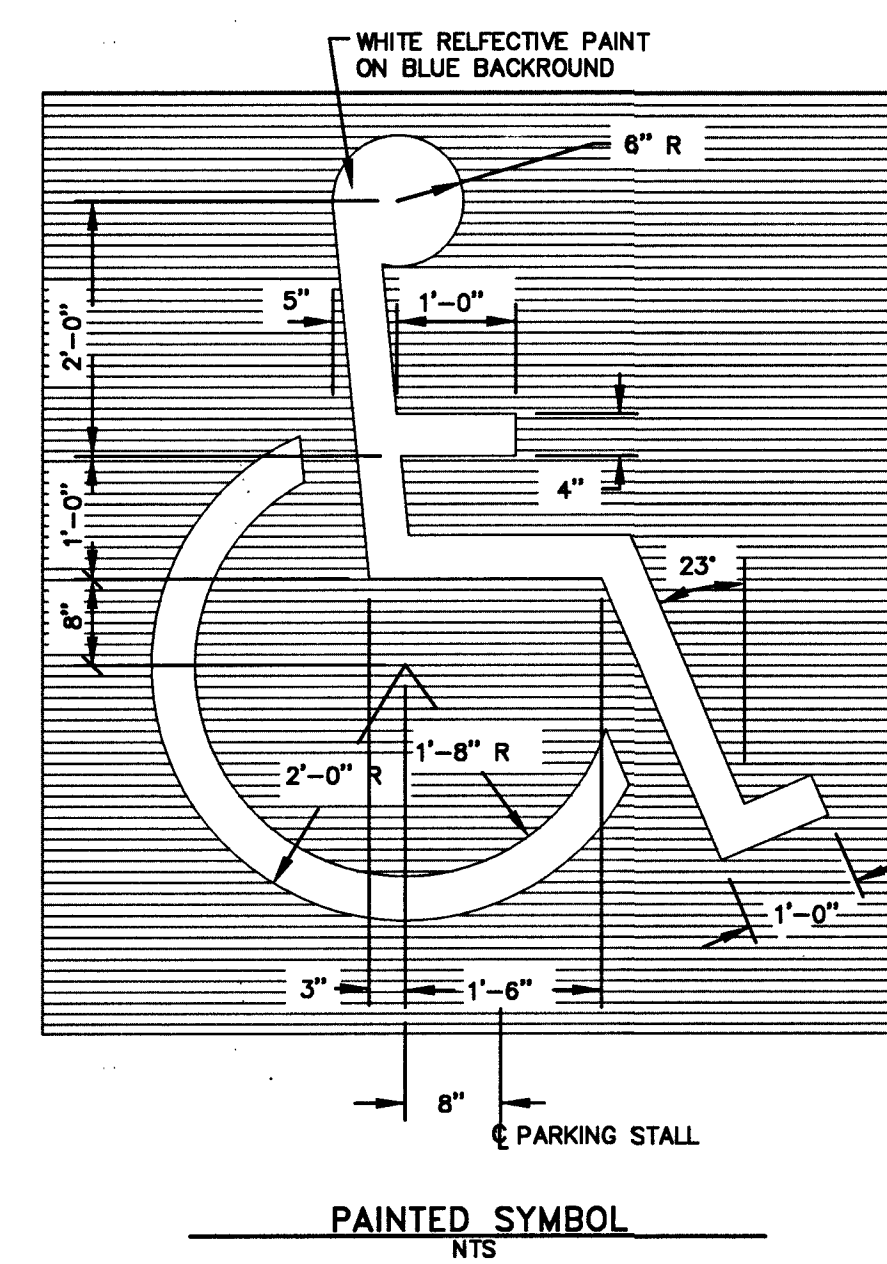
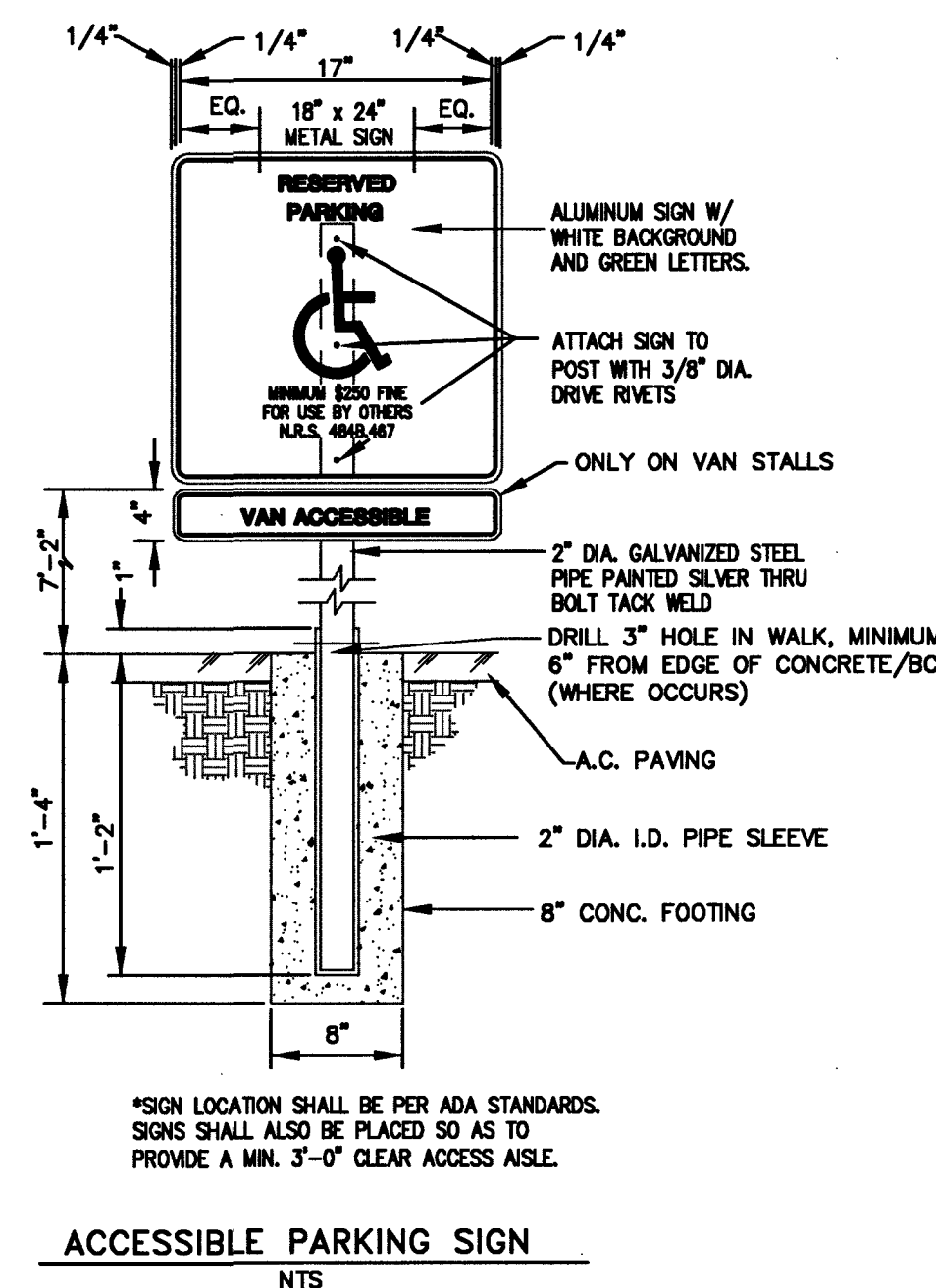
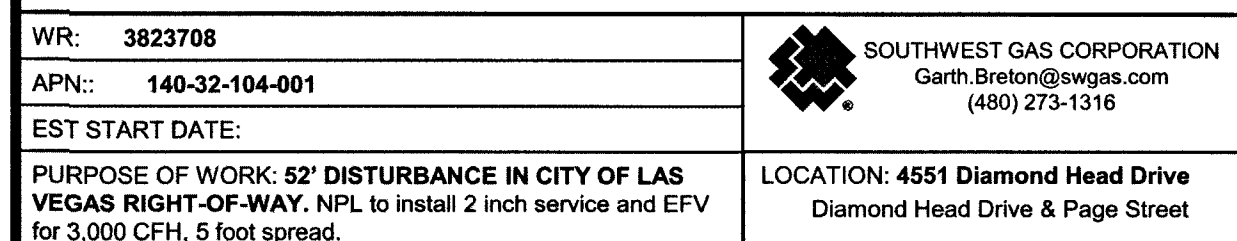


WATER NOTES	
41	INSTALL 4" GATE VALVE PER UDACS PLATE NO. 30
42	INSTALL 6" GATE VALVE PER UDACS PLATE NO. 30
43	INSTALL 8" GATE VALVE PER UDACS PLATE NO. 30
44	INSTALL 10" GATE VALVE PER UDACS PLATE NO. 30
45	INSTALL 4" 45° BEND PER UDACS PLATE NO. 31
46	INSTALL 8"x6" TAPPING SLEEVE AND TAPPING VALVES PER UDACS PLT #34 & 39 AND 2.24.01A
47	INSTALL 8" 45° BEND PER UDACS PLATE NO. 31
48	INSTALL 8" 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 8" 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 3" 8" REDUCER PER UDACS PLATE NO. 30
60	INSTALL 2" WATER W/ SERVICE SADDLE & CORPORATE STOP ASSEMBLY PER UDACS PLATE #4
61	INSTALL 4" 90° BEND PER UDACS PLATE NO. 31
62	INSTALL 8" 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" RPDA IN ABOVE GROUND INSULATED ENCLOSURE PER UDACS PLATE NO. 8 & DETAIL 7 SHEET CB.02
69	INSTALL 4" METER (OCTAVE) AND 6" RPDA ASSEMBLY PER INSTALLATION DETAIL "5", SHEET CB.03. SHOP DRAWINGS FOR ALL BACKFLOW COVERS, INCLUDING OCTAVE METERS LARGER THAN 2" SHALL BE REVIEWED BY LWWD.
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 PLANT) 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-19
82	INSTALL STANDARD ECCENTRIC MANHOLE (60" DIA.) PER DCSWCS DWG. NO. SD-1A & SD-19
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 CB.03. REFER TO PLUMBING SHEETS FOR ADPTL DETAILS.
87	INSTALL SAMPLE BOX. REFER TO PLUMBING SHEETS FOR ADPTL DETAILS.
88	INSTALL WYE LATERAL CONNECTION PER DCSWCS DWG. NO. SD-22
GRAPHIC SCALE	
NOTES	
ALL DIMENSIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE ENGINEER TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO ANY CONSTRUCTION. NO REPRESENTATION IS MADE THAT THE UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR OWNERSHIP.	

[illegible]

BENCHMARK: PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) CITY OF LAS VEGAS BENCHMARK: 1LV0232N6 (2008) NAVD88 ELEVATION: 536.414 METERS (1758.89 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.	 1-800-227-2600  1-702-227-2929  1-702-432-5300  1-702-432-5300  1-702-432-5300  1-702-432-5300  1-702-432-5300 1-702-432-5300
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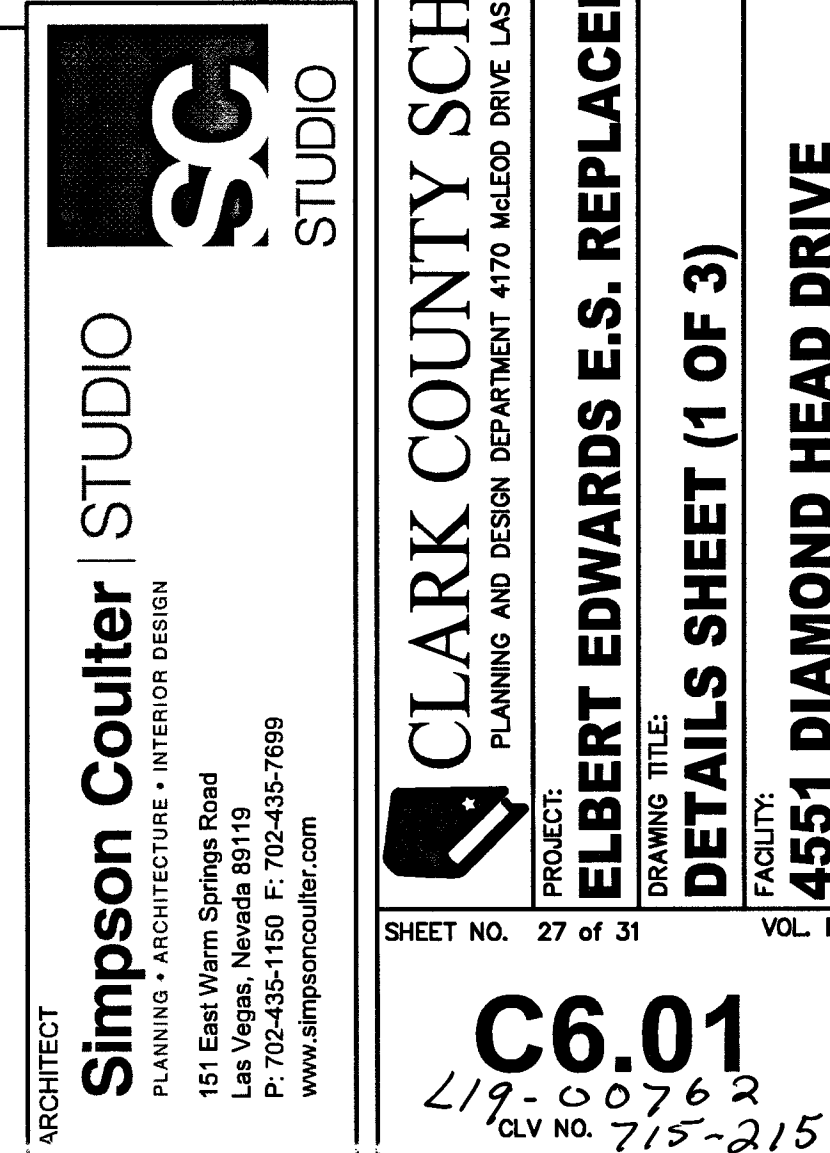
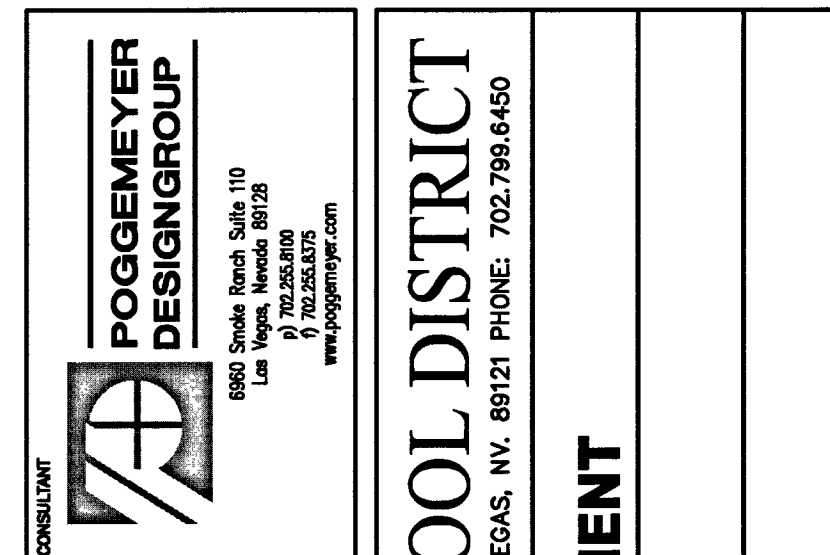
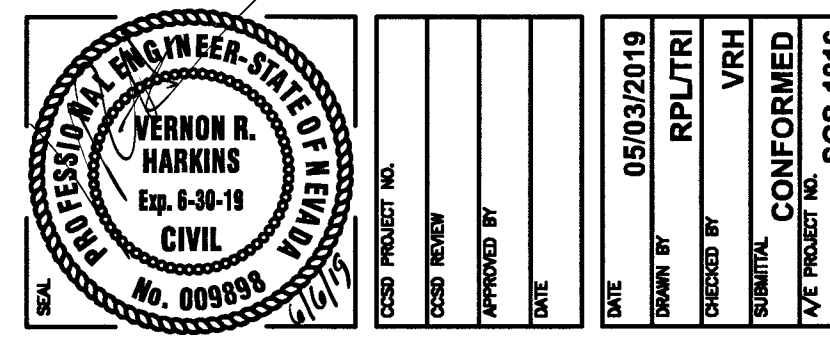
PROJ#:136279A QS:140-32-NW



Call before you Dig <i>Good, nothing underneath every time. It's easy.</i> Call 811 1-800-227-2600	AVOID HITTING UNDERGROUND UTILITIES. CALL 811 FIRST. CALL BEFORE YOU GO OVERHEAD  1-702-227-2929	FAST Call before you UnderGround. 1-702-432-5300 PREPAY AND ACTIVATE YOUR SERVICE
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PLANNING & DESIGN		DATE
DESIGN MANAGER		
CM MANAGER		
CONSTRUCTION MANAGEMENT		
PROJECT MANAGER		
CM MANAGER		
REQUIREMENTS		
SITE ADMINISTRATOR		
CODE COMPLIANCE		
AHERA REVIEW		
FSR/FSR1		
ASBESTOS WORK IS: REQUIRED ☐ NOT REQUIRED ☐		
JOB ID/MPID		
0001626		





The drawing consists of two views of a pipe fitting:

- PLAN VIEW (Top):** Shows a rectangular component with a width of 2". The total height is 6". A central vertical dashed line indicates the centerline, labeled "C" at the bottom.
- SIDE VIEW (Bottom):** Shows the component's profile. The total height is 11". The top flange has a thickness of 3". The main body has a height of 6". A central horizontal dashed line indicates the centerline, labeled "C" on the right. A circular feature in the center represents a hole, labeled "10\" HOLE FOR EX. 8\" PIPE". A leader line points to the top flange, labeled "NON-SHRINK GROUP".



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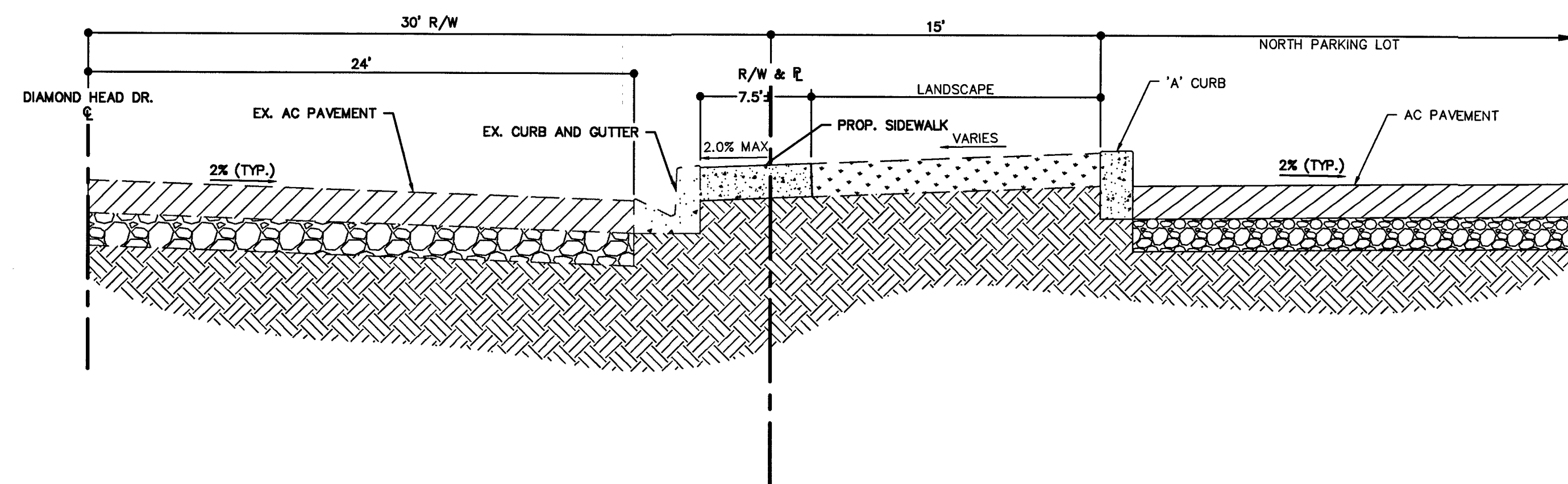
151 East Warm Springs Road
Las Vegas, Nevada 89119
P: 702-435-1150 F: 702-435-7699
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SHEET NO. 29 of 31 VOL. E

C6.03
L19-00762
CLV NO. 715-715

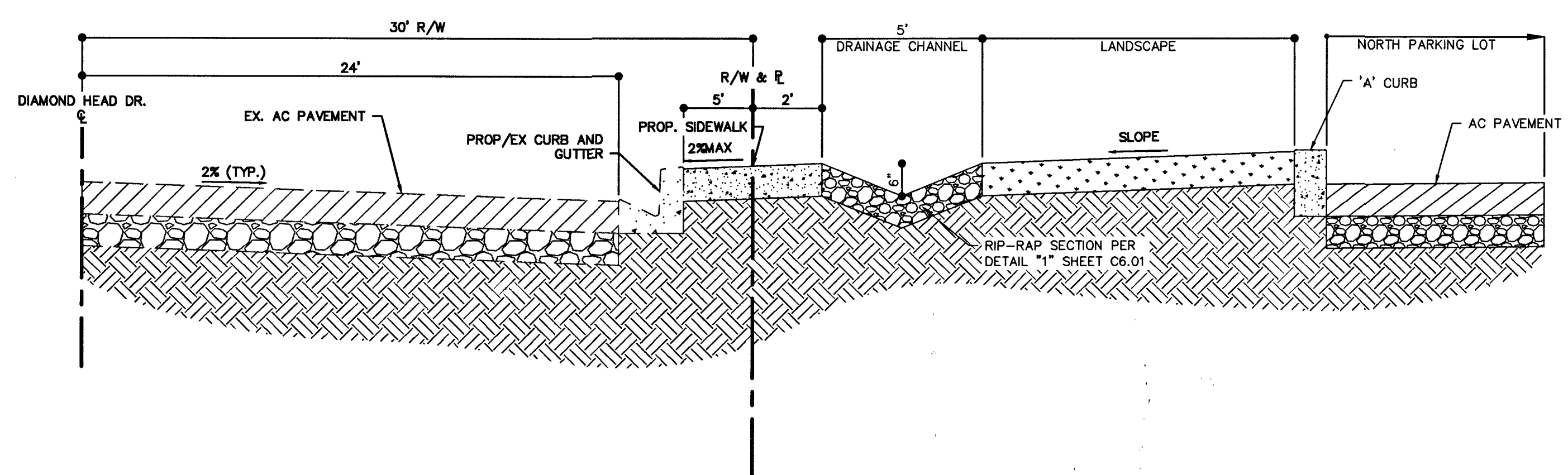
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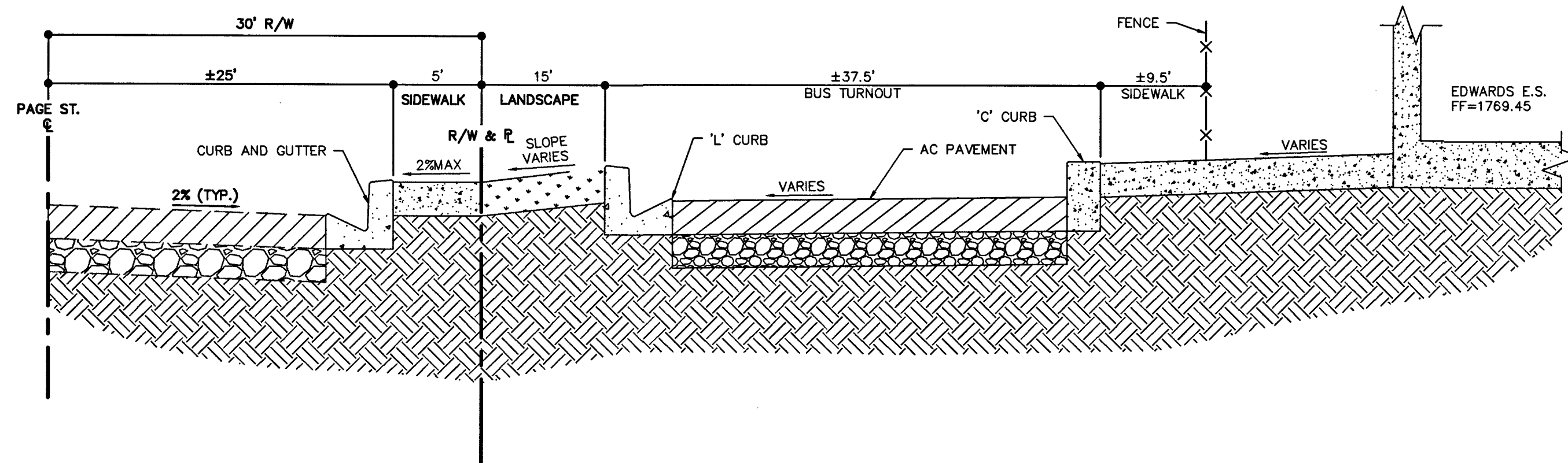
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C6.04

DIAMOND HEAD DR. (PUBLIC)

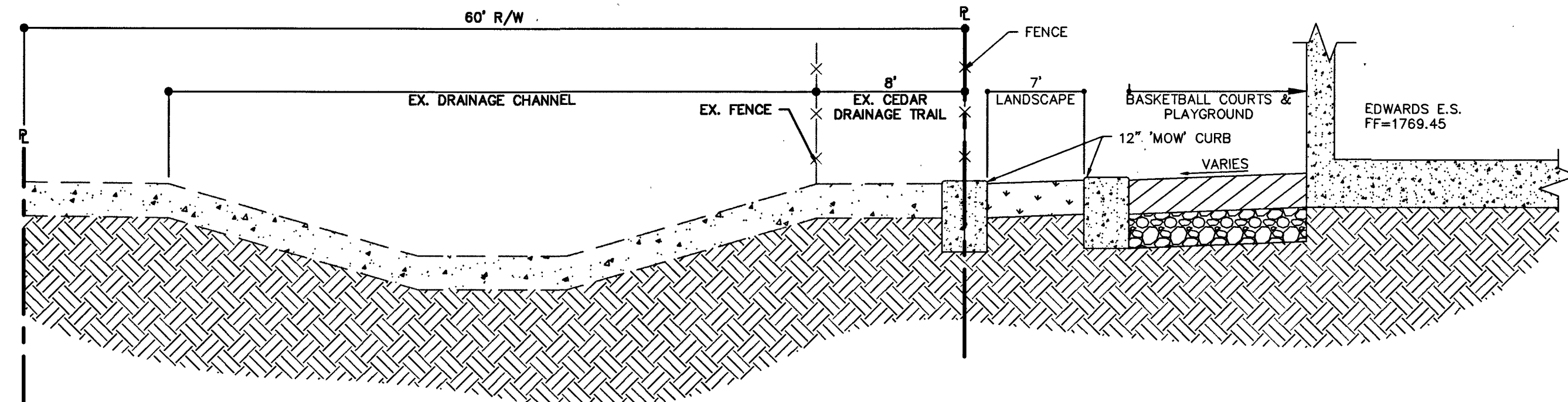
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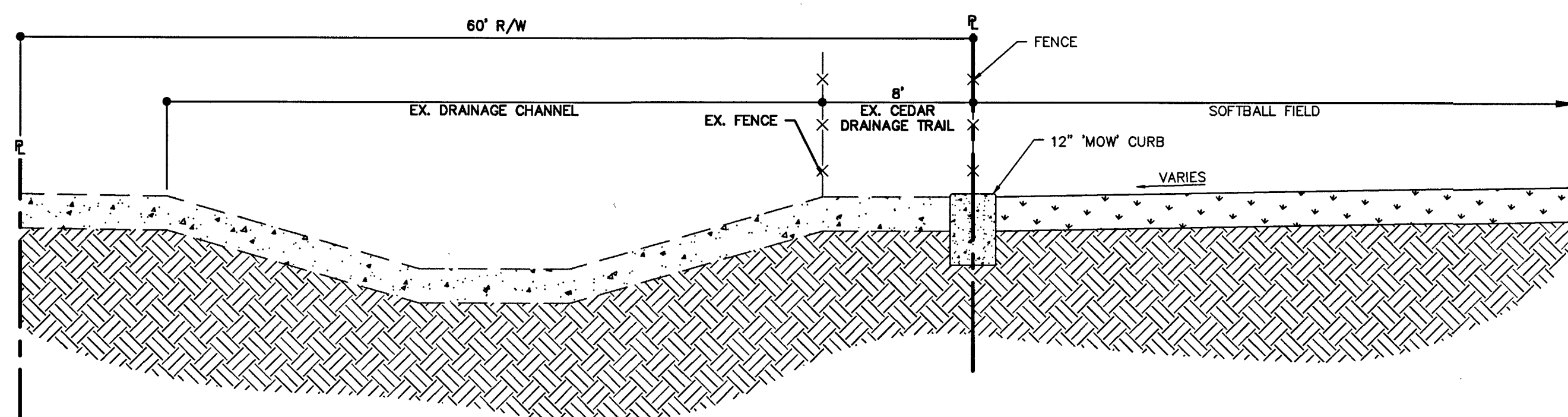
2 DIAMOND HEAD DR. (PUBLIC)
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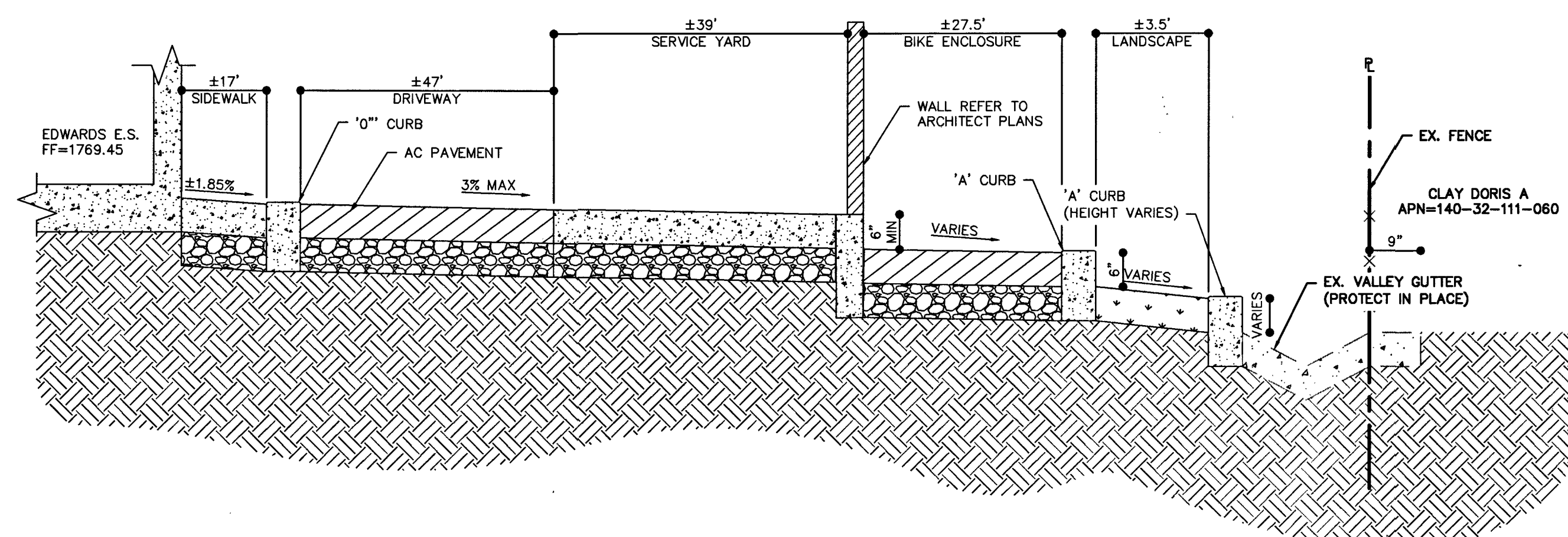
PAGE ST. (PUBLIC)
3
C6.04
SCALE: NOT TO SCALE



CEDAR DRAINAGE TRAIL (PUBLIC)



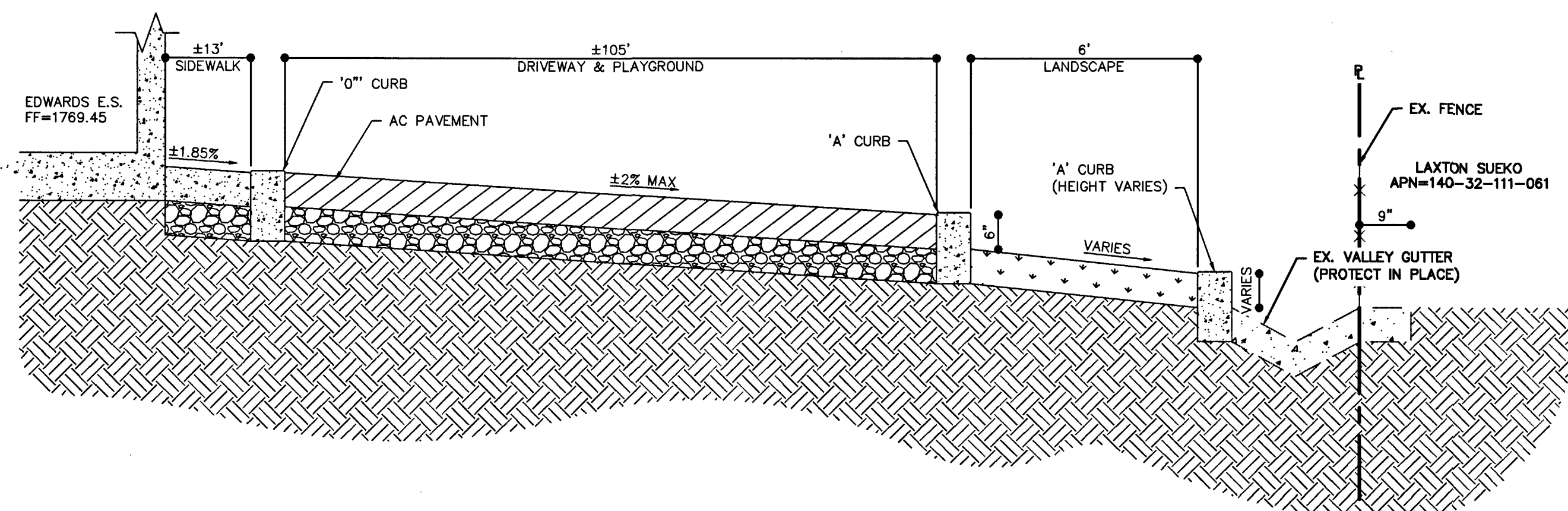
CEDAR DRAINAGE TRAIL (PUBLIC)
SCALE: NOT TO SCALE



6
C6.04

ON-SITE BIKE ENCLOSURE

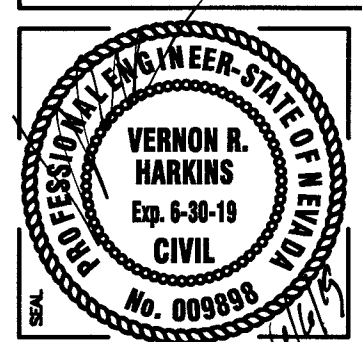
SCALE: NOT TO SCALE



7 **ONSITE EAST PLAYGROUND**
C6.04 SCALE: NOT TO SCALE

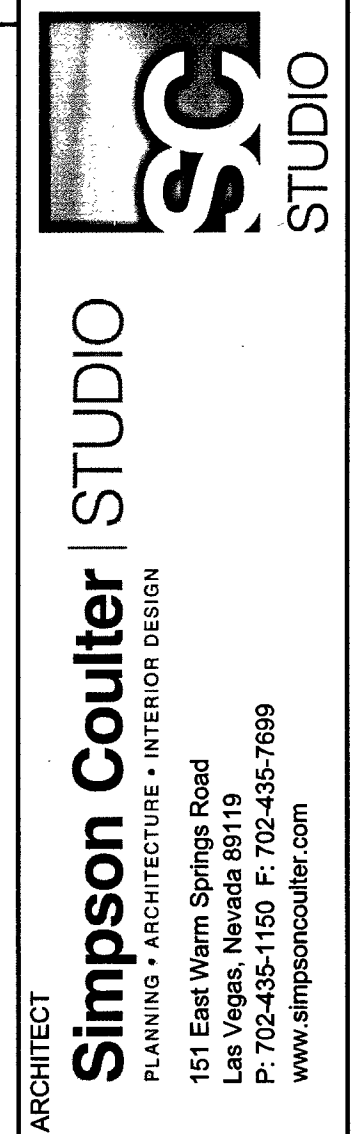
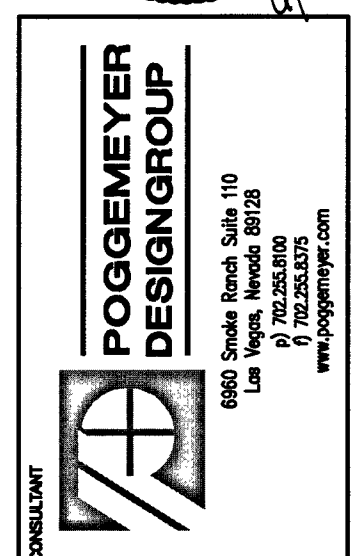
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DESIGN MANAGER		
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CONSTRUCTION MANAGEMENT		
PROJECT MANAGER		
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REQUIREMENTS		
SITE ADMINISTRATOR		
CODE COMPLIANCE		
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ASBESTOS WORK IS:		
REQUIRED ☐ NOT REQUIRED ☐		
JOB ID/MPID		
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CSD PROJECT NO.	
CSD REVIEW	
APPROVED BY	
DATE	

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



 CLARK COUNTY SCHOOL DISTRICT PLANNING AND DESIGN DEPARTMENT 4170 McLEOD DRIVE LAS VEGAS, NV. 89121 PHONE: 702.798.6450	PROJECT: ELBERT EDWARDS E.S. REPLACEMENT	
	DRAWING TITLE: TYPICAL SECTIONS	
FACILITY: 4551 DIAMOND HEAD DRIVE	VOL. E	

C6.04

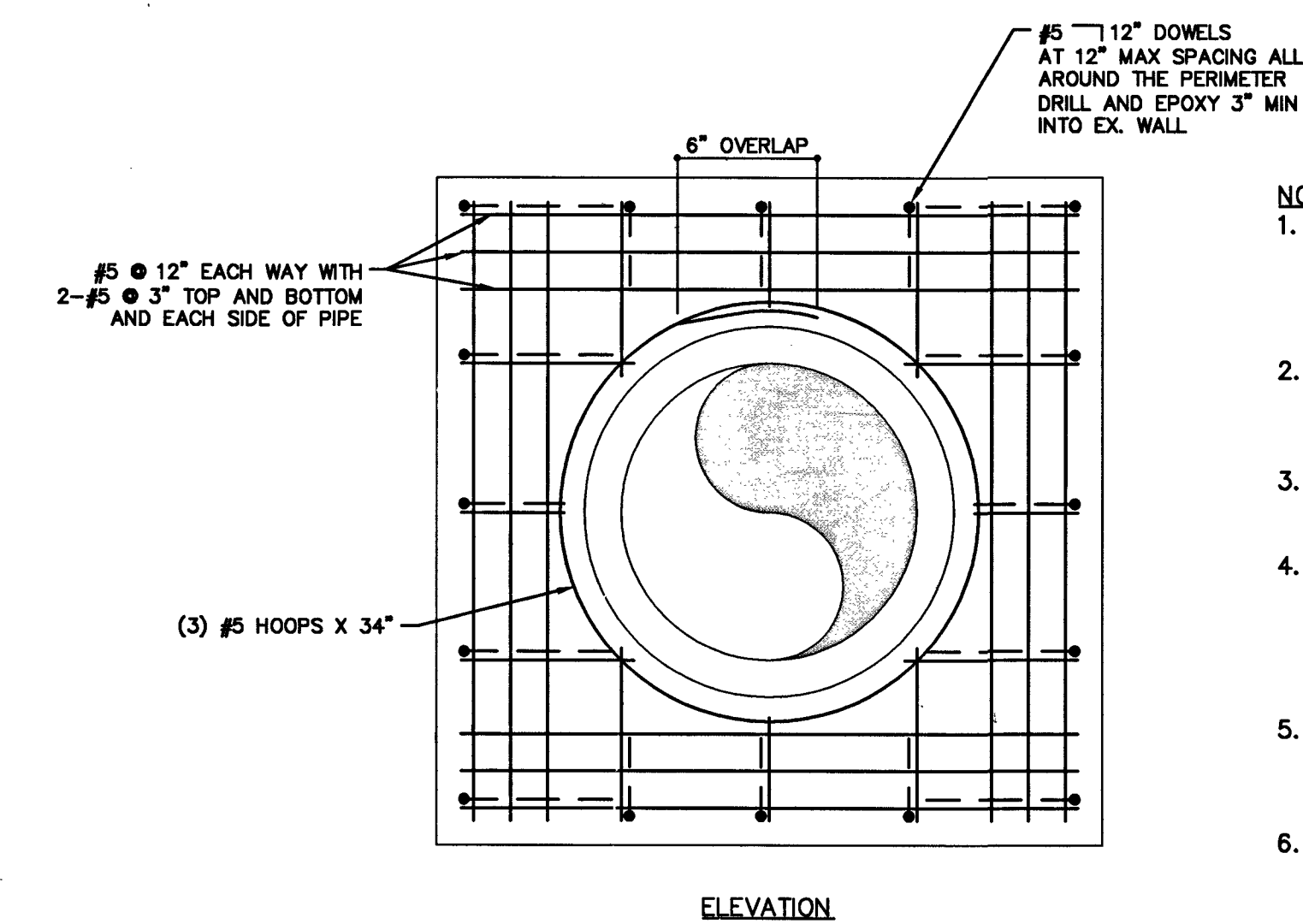
7/15-2/15

CLV NO. *7/15-2/15*

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.



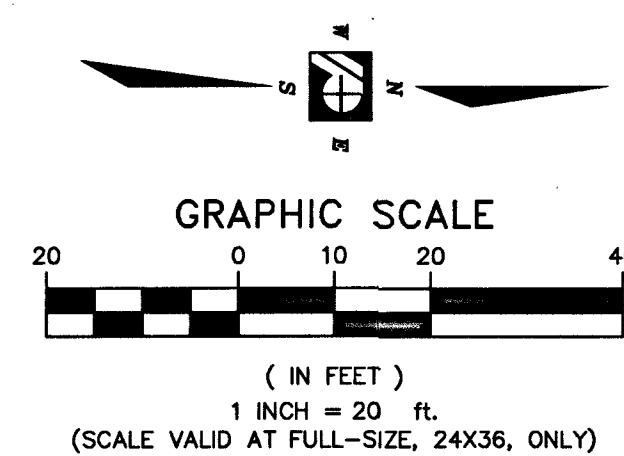


- NOTES:
1. SAWCUT 1-INCH DEEP X PIPE OD + 12" SQUARE SCORE LINE ON EA. FACE OF LINING (VERIFY DEPTH OF CUT TO CLEAR REINFORCEMENT)
2. CHIP TO REMOVE THE CONCRETE WITHIN THE SCORE LINE, WHILE PRESERVING THE EXISTING LINING REINFORCING.
3. CUT EXISTING REINFORCING AT CENTER OF OPENING AND BEND TO CLEAR PIPE.
4. GRIND 1/2" WIDE X CONT SMOOTH SURFACES ALL AROUND THE OPENING AT CENTER OF LINING. CLEAN SURFACES AND BOND CONTINUOUS HYDROPHILIC WATERSTOP IN PLACE.
5. CAST 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

SD OUTLET PLAN VIEW

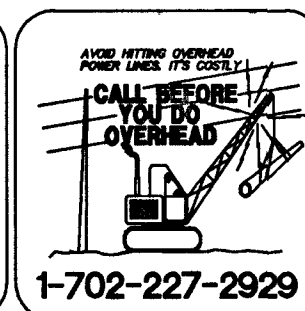
SD OUTLET PROFILE VIEW

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



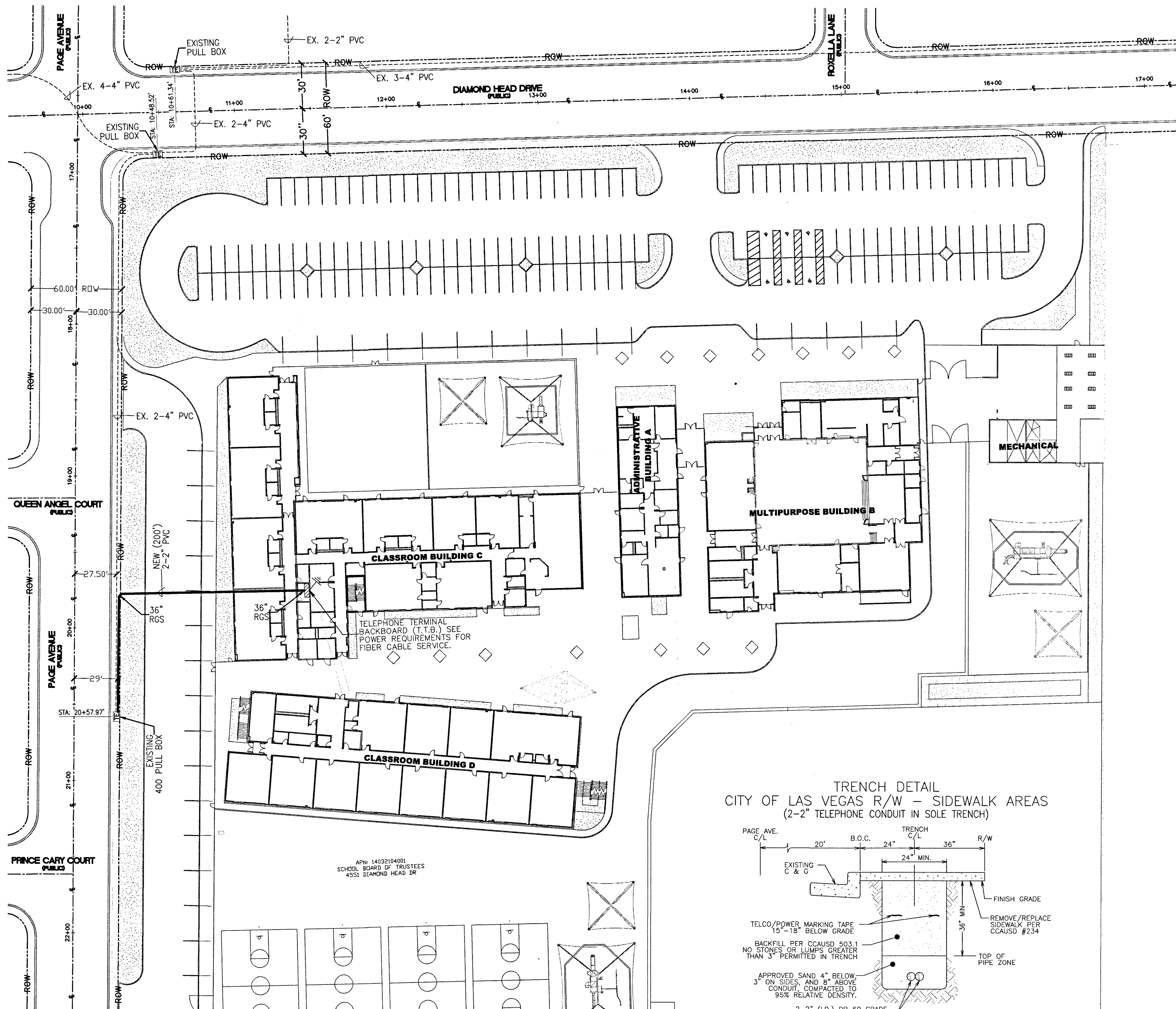
DISCLAIMER NOTE

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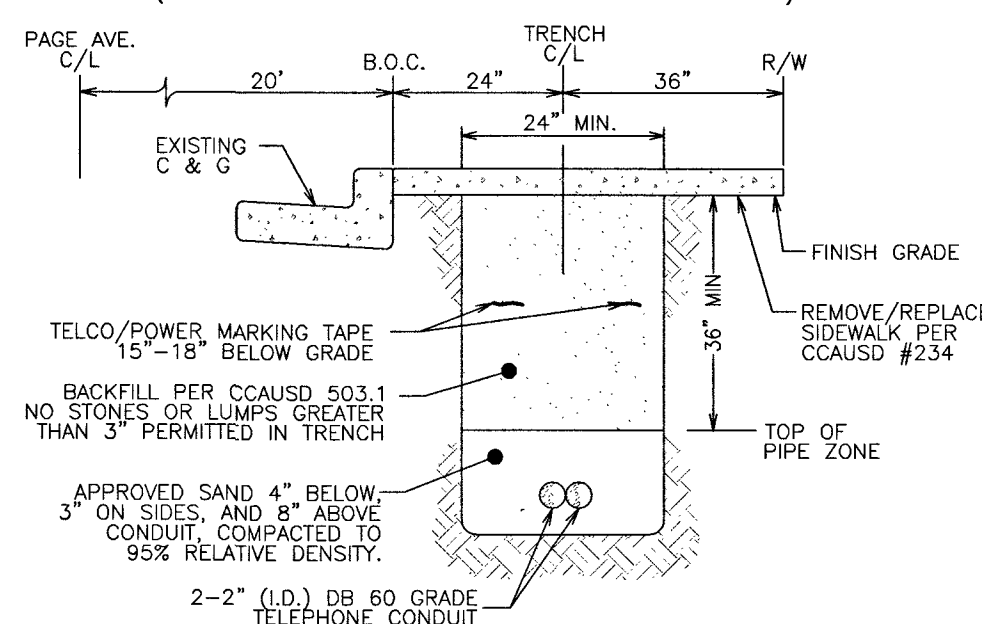


SHEET NO. 31 of 31 VOL. E

C6.05
219-00762
CLV NO. 715-215



TRENCH DETAIL CITY OF LAS VEGAS R/W - SIDEWALK AREAS (2-2\"/>

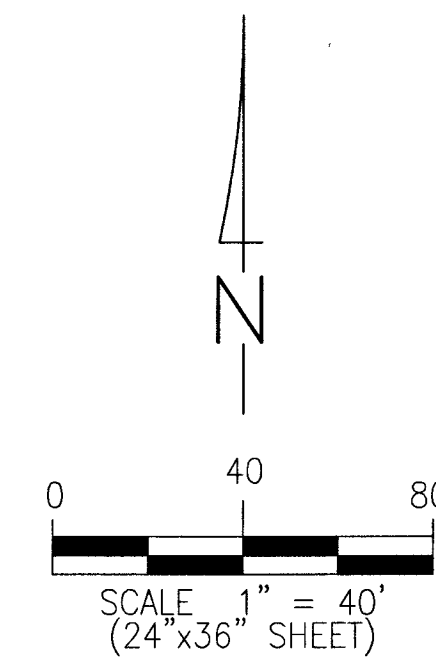


APPROVED FOR CONSTRUCTION
THIS APPROVAL IS FOR WORK IN CLV
R/W OR CLV EASEMENTS ONLY.
OBTAINING PERMISSIONS
OR EASEMENTS FOR WORK SHOWN ON
PRIVATE PROPERTY IS THE RESPONSIBILITY
OF THE UTILITY.

SEE COVER OF CIVIL PLAN
APPROVAL _____ DATE _____

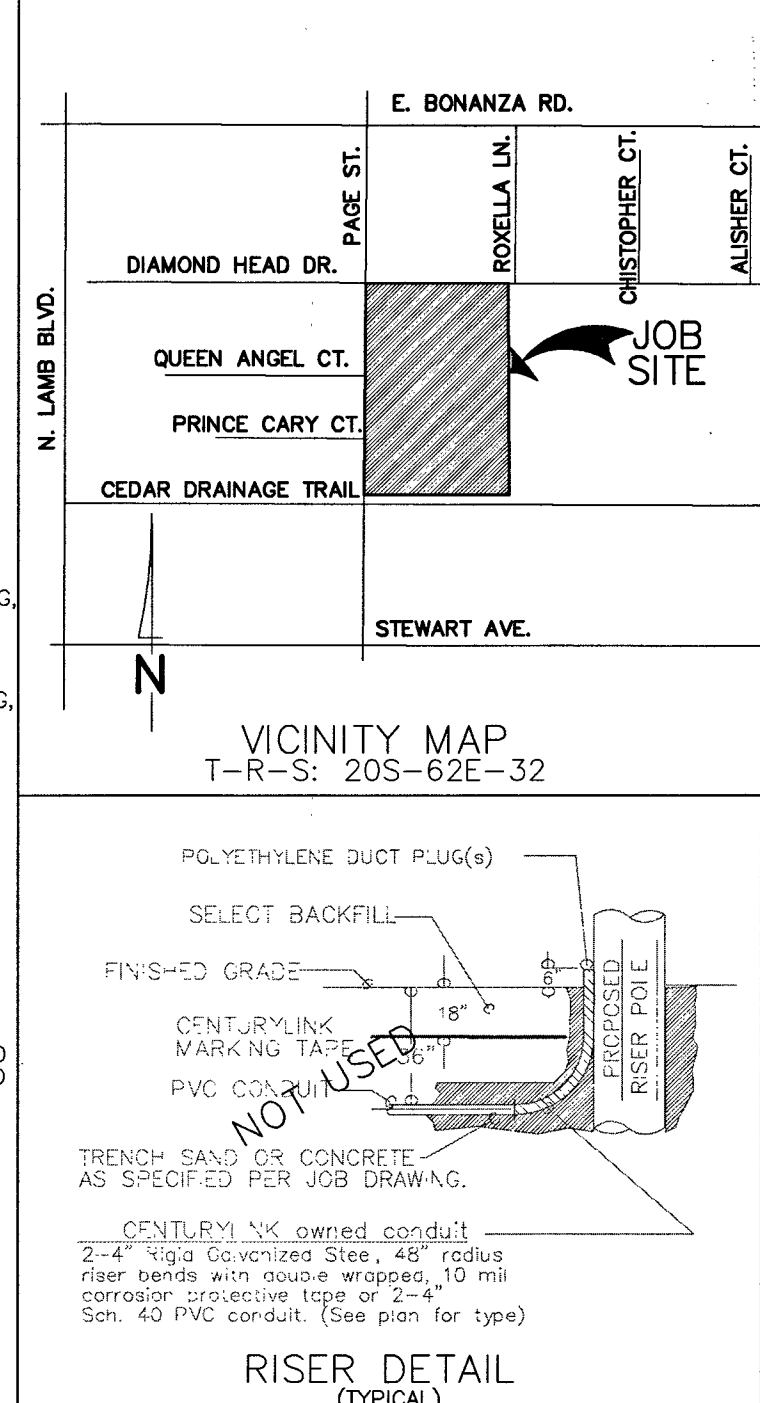
ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE
"UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION
OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA", LATEST ISSUE; THE
"UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK
COUNTY AREA NEVADA", LATEST ISSUE; AND OTHER 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.



LEGEND

- PROPOSED CONDUIT: P.V.C. - D.B. (DIRECT BURIAL) GRADE:
D.B. 60 FOR 1", 2", & 3"
D.B. 100 FOR 4", 6", & 8"
- 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 (1'7" x 3'0" x 3'0" I.D.) - P.C.C. TYPE PULL BOX
(ES-30 or T-30C)
 - ☐ 16 HAND HOLE (9" x 15" x 12" I.D.)
- TERMINAL CABINET
48" x 48" x 6"
UNDERWRITER LABORATORY APPROVED, RAIN-TIGHT
WITH A NON-LOCKING, SIDE-HINGED DOOR EQUIPPED
INSIDE WITH A 3/4" 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.
- TERMINAL CABINET
36" x 36" x 6"
- 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.



CONSTRUCTION NOTES

- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST ISSUE OF THE CENTURYLINK UNDERGROUND SPECIFICATIONS.
- 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.
- WHEN EXISTING TELEPHONE FACILITIES (i.e. POLES, MANHOLES, PULL BOXES, CONDUITS, 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.
- 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.
- ALL PULL BOXES (2'-0" x 3'-0" AND LARGER) AND MANHOLES ARE TO BE GROUNDING 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.
- 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.
- 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.
- 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.
- 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 STRINGS 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.
- 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.
- 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.
- A POLYETHYLENE DUCT PLUG SHALL BE INSTALLED IN ALL CONDUIT WHERE TERMINATED OR STUBBED.
- CONCRETE ENCASUREMENTS SHALL CONSIST OF 3/4" AGGREGATE, TYPE V, PORTLAND CEMENT CONCRETE. THE ENCASUREMENT SHALL BE A MINIMUM OF 2" BETWEEN THE CONDUIT AND A MINIMUM OF 3" ON THE TOP, BOTTOM AND SIDES OF THE DUCT BANK.
- 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.
- PLYWOOD BACKBOARDS ARE TO BE TREATED WITH FIRE RETARDANT MATERIAL, PAINT, OR SEALER.
- ALL TERMINALS, BACKBOARDS, CABINETS, ETC., SHALL BE EQUIPPED WITH A #6 GAUGE GROUND WIRE, RUN TO AN APPROVED GROUND SOURCE.
- 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.
- 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.
- 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

- 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.
- ANY MODIFICATIONS TO THE CENTURYLINK DESIGN MUST BE APPROVED BY THE ENGINEER.
- THESE PLANS WILL BE VALID FOR SIX MONTHS FROM DATE OF ISSUE.

CITY OF LAS VEGAS	
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:	
NOT PERMIT:	☐
BUM GRANT:	☐
BOR GRANT:	☐
U.S.F.S.:	☐
U.P.R.R. PERMIT:	☐
SWMR PERMIT:	☐
3rd PARTY EASMT:	☐
OTHER:	☐
NOT REQUIRED:	☐
REMARKS:	

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

TOWNSHIP:	20S	CONTRACT ENGINEER:	NAME: E. CORREA	COMMUNITY NAME:	
RANGE:	62E	SECTION:	32	DATE:	

NO.	REVISION	ENGR.	MGR.	DATE
1				
2				
3				

FILE: UNDERGROUND CONDUIT

REQUIREMENT for

CCSD EDWARDS ELEM. SCHOOL

DIAMOND HEAD DR. & PAGE ST.

DATE: 06/25/19

SCALE: 1" = 40'

SHEET NO. 1 of 1

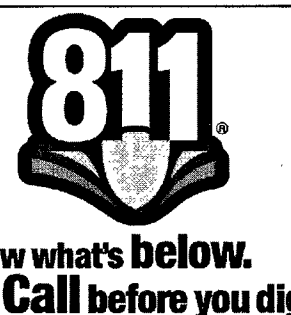
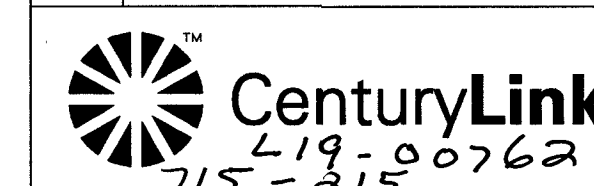
RTC SOUTHERN NEVADA NOTES:

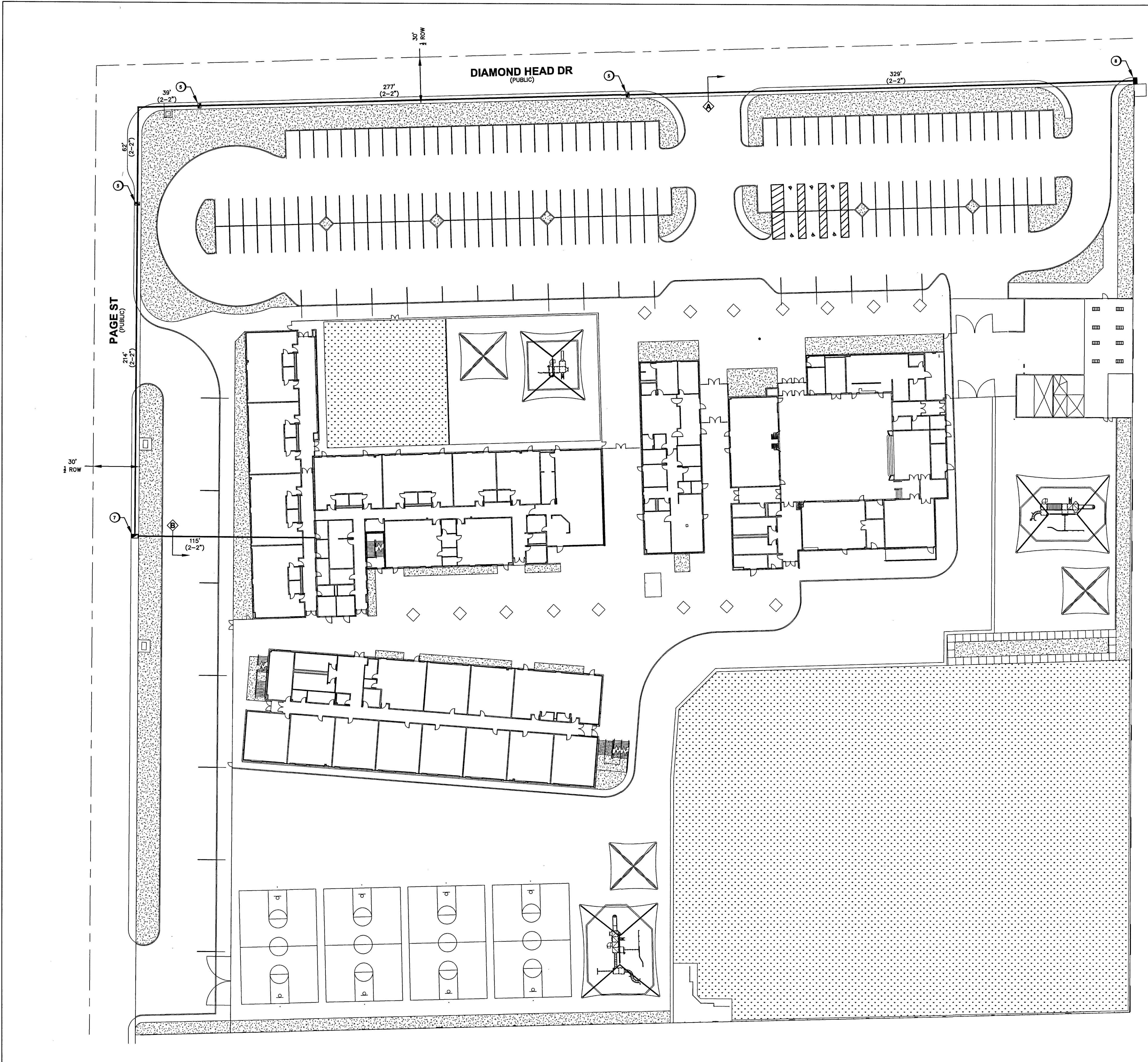
- FOR ASPHALT CUT AND RESTORATION REQUIREMENTS, SEE RTC UNIFORM STANDARD DRAWING SERIES 500.1, 500.2, 500.3, 500.4 AND 500.5
- FOR SIDEWALK REMOVAL AND REPLACEMENT REQUIREMENTS SEE RTC UNIFORM STANDARD DRAWING 234
- FOR TYPICAL U.G. UTILITY LOCATIONS UNDER STREETS AND SIDEWALKS, SEE RTC UNIFORM STANDARD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





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")
4	EXISTING B-50 PULL BOX (13"x24"x24")
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")
8	EXISTING T-200 CATV VAULT (30"x48"x36")
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	SIDEWALK/DIRT TRENCH INSTALL WITH FIBER/COAX PULL
18	ASPHALT MITIGATION/STREET TRENCH WITH FIBER/COAX PULL
19	PROPOSED BORE WITH FIBER/COAX PULL
20	EXISTING CATV CONDUIT(S)
21	PROPOSED OVERHEAD FIBER OPTIC CABLE OR COAX INSTALL
22	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	EXISTING NVE PULL BOX
28	EXISTING TELCO PULL BOX
29	EXISTING COMMUNICATION MANHOLE
30	EXISTING TELCO POLE
31	EXISTING NVE POLE
32	EXISTING NVE TRANSMISSION POLE
33	EXISTING JOINT POLE
34	EXISTING JOINT POLE WITH TRANSFORMER
35	POLE ANCHOR
36	EXISTING NVE TRANSFORMER TRANSFORMER PAD
37	SNWA TEST STATION
38	COX POWER SUPPLY (49"x24"x52")
39	CABINET (RHINO,ODN,OLM)
40	RISER POLE/QUADRANT DETAIL RISER OWNERSHIP NOTED
41	RAILROAD
42	EXISTING MANHOLE (SS),(SD)...ECT
43	1in CONDUIT LATERAL
44	STORMWATER ASSETS
45	

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 LOCATIONS.

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 0

TOTAL S/W PANELS 0

TOTAL LINEAR FOOTAGE 0'

T20S R62E SEC32

E CAREY AVE

E LAKE MEAD BLVD

LAMB

E CHARLESTON BLVD

93

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.

APPROVED FOR CONSTRUCTION

THIS APPROVAL IS FOR WORK IN CLV RW OR CLV EASEMENT ONLY. OBTAINING PERMISSION OR EASEMENT FOR WORK SHOWN IN PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY.

SEE COVER OF CIVIL PLAN

PERMIT #	152709
DRAWN BY:	WTB
DATE:	6/24/2019
SCALE:	1:30
NO:	N/A
PROJECT #	4052019000000152709
TECH #	N/A
APPROVED BY:	YON HARRIS

COX

BRING US CLOSER

1700 VEGAS DRIVE

LAS VEGAS, NEVADA 89106

PHONE: (702) 545-1806

FAX: (702) 545-2806

CITY OF LAS VEGAS

333 N. RANCHO DRIVE

LAS VEGAS, NEVADA 89106

(702) 229-6885

CITY/ENTITY:

PROJECT LOCATION: CCSD - EDWARDS ES

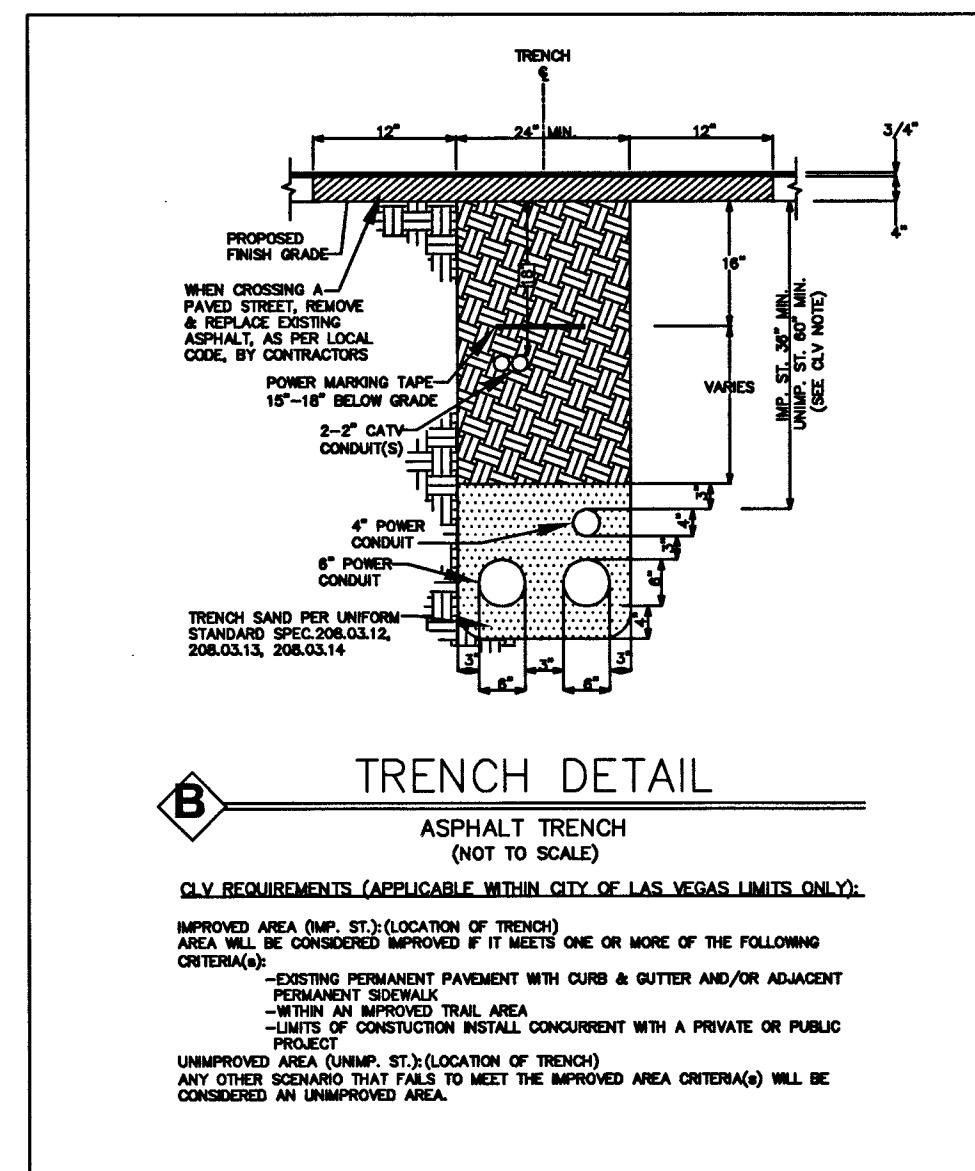
PAGE ST & DIAMOND HEAD DR

SUB-CONTRACTOR: DBA: COX COMMUNICATIONS

ENTITY NOTES: 19-00762 715-215

SHEET No: **1**

Sheet 1 of 2



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 LOCATIONS.

AVOID DETRIMENTAL
EMITTING SIGNALS, INTERFERE AND
DAMAGE TO UTILITIES
IT'S COSTLY

**CALL BEFORE
YOU DO
UNDERGROUND**

**BEFORE YOU
UNDERGROUND**
1-702-455-7811
CLARK COUNTY TRAFFIC OPERATIONS
AND
1-702-452-5308
LAS VEGAS AREA COMPUTERIZED SYSTEM

AVOID CUTTING UNDERGROUND
UTILITIES. IT'S COSTLY.

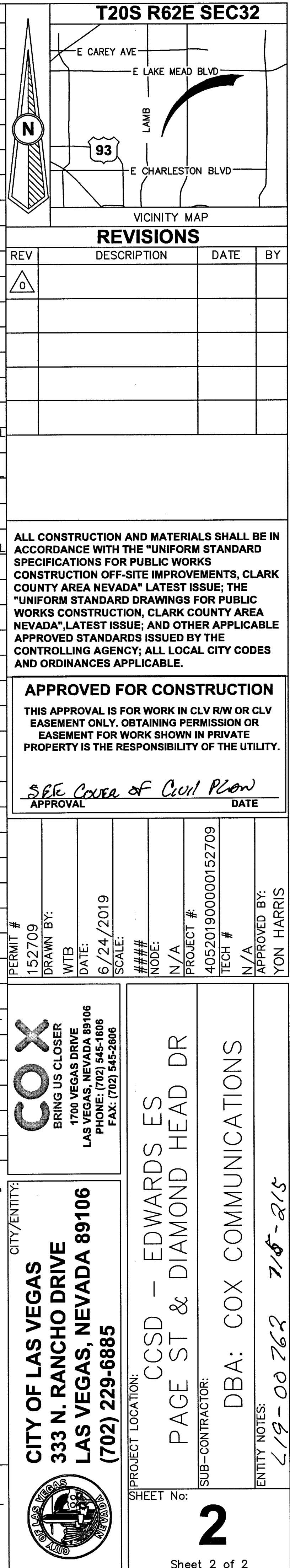
**BEFORE YOU DIG
OR 1-800-227-2600
UNDERGROUND SERVICE (USA)**

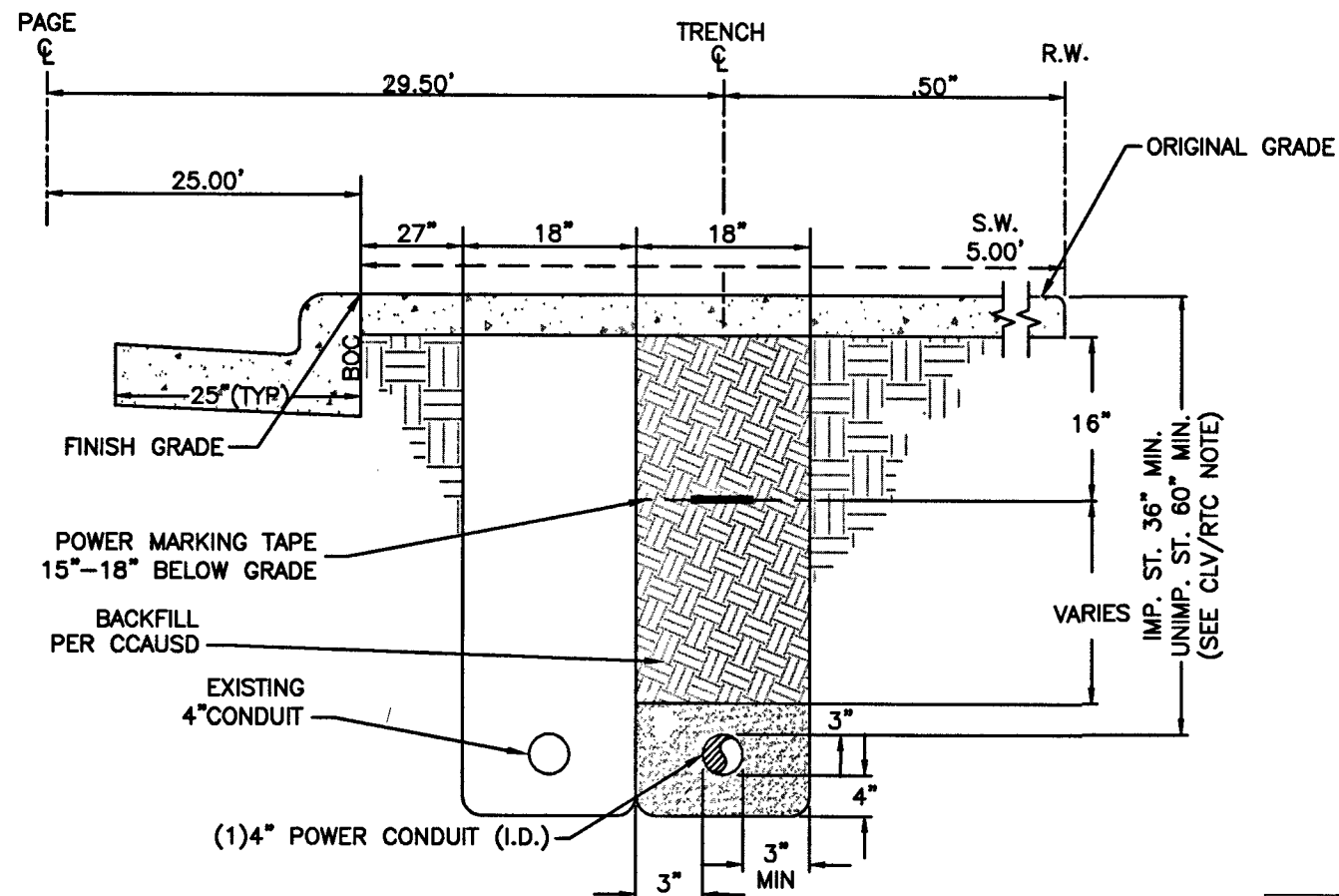
AVOID OVERHEAD POWER
LINE CONTACT

**CALL
BEFORE YOU
OVERHEAD**

1-702-227-2929
NEVADA POWER IMPROVEMENT 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'





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 SECTION "AA"

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

NVEnergy REQUIRES
24 HOUR
ACCESS TO EQUIPMENT

METER LOCATION & ACCESS REQUIREMENTS

(NVE 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 NVE 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:

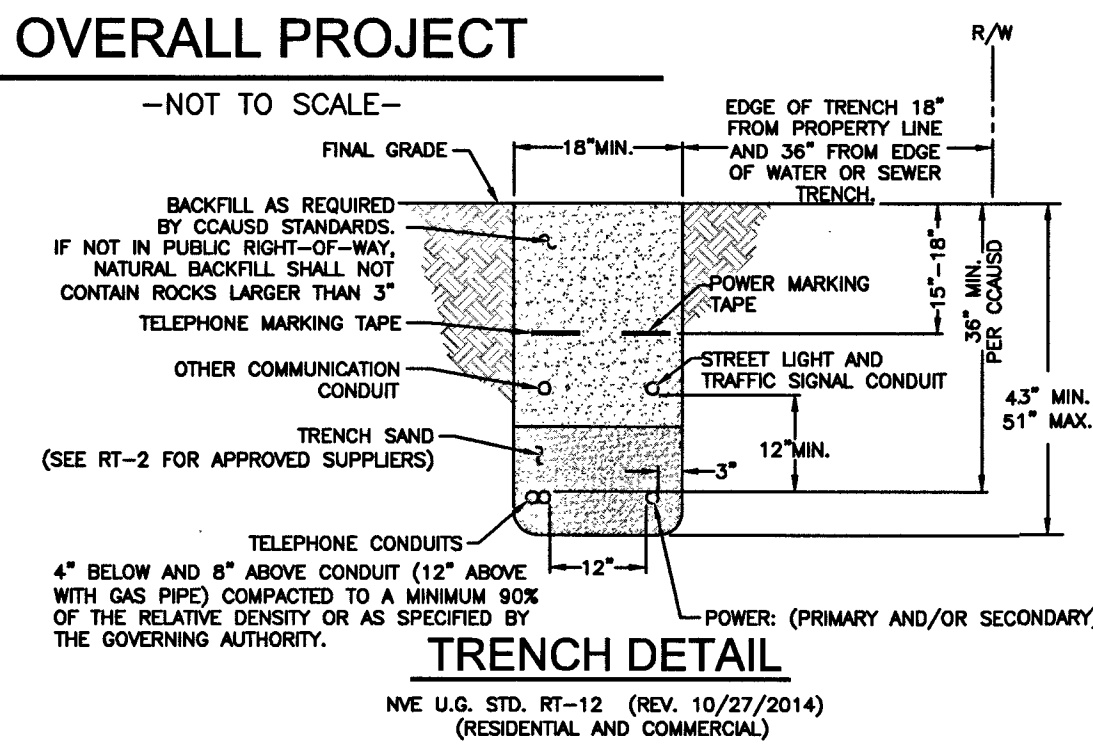
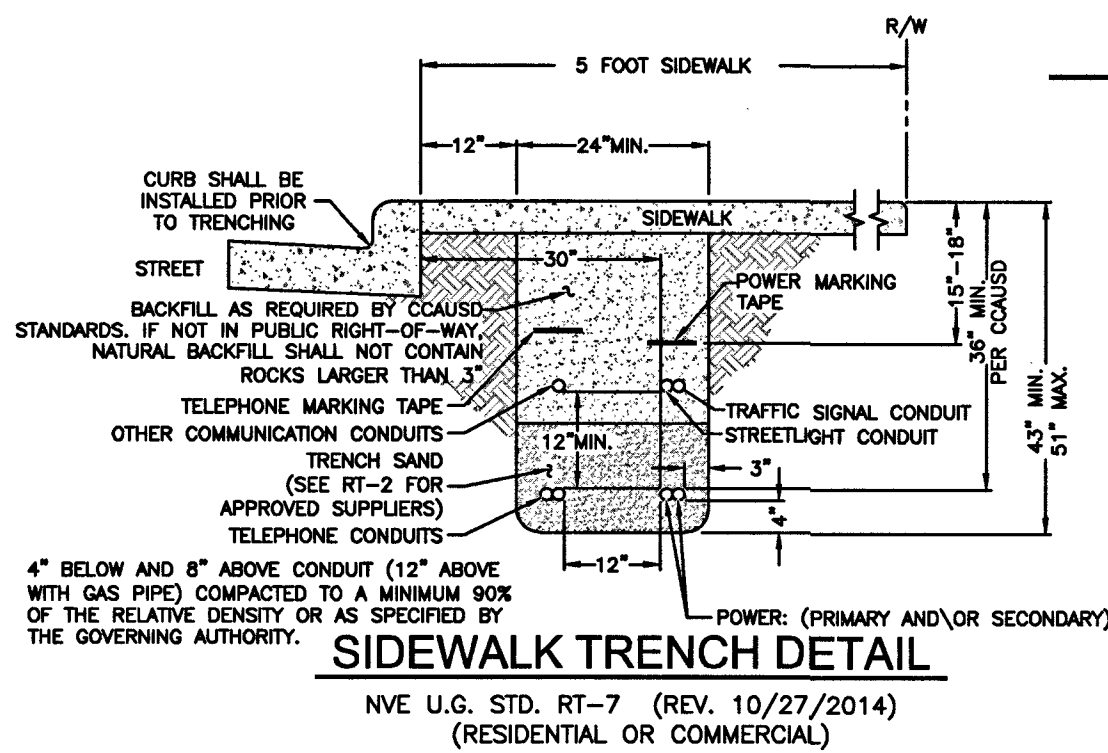
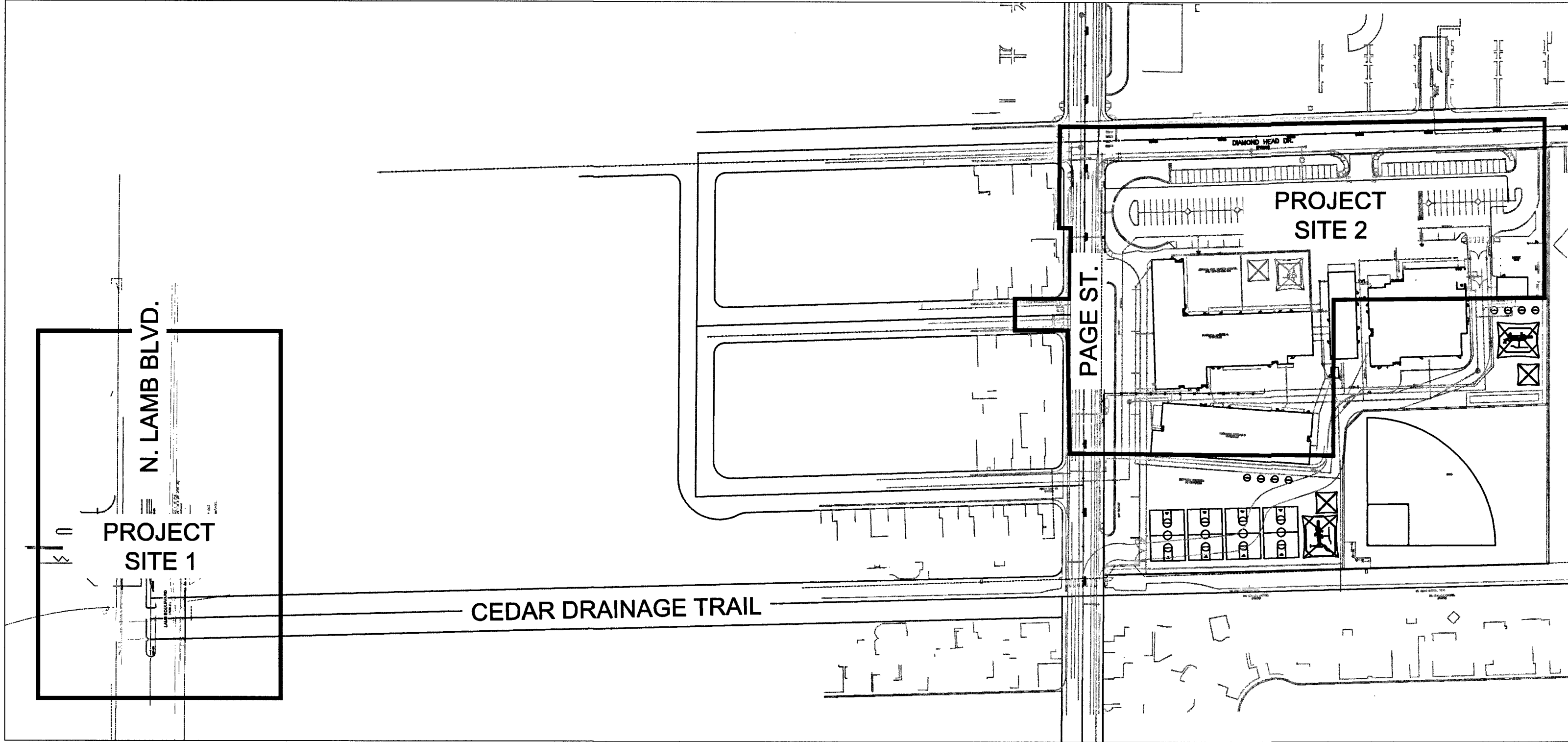
BACKFILL AND RIGHT OF WAY RESTORATION SHALL CONFORM
TO CLARK COUNTY UNIFORM STANDARD DRAWINGS

- 500.1 0 TO 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT
- 500.2 0 TO 5 YEARS PAVEMENT RESTORATION TRANSVERSE CUT
- 500.3 OVER 5 YEARS PAVEMENT RESTORATION LONGITUDINAL CUT, GREATER THAN 60' R.O.W
- 500.4 OVER 5 YRS PAVEMENT RESTORATION LONGITUDINAL CUT, 60' R.O.W OR LESS
- 500.5 OVER 5 YRS PAVEMENT RESTORATION TRANSVERSE ALL R.O.W WIDTHS
- 501 TYPICAL UNDERGROUND UTILITY LOCATIONS IN RESIDENTIAL STREETS 60' OR LESS R.O.W.
- 501.1 TYPICAL UTILITY UNDERGROUND LOCATIONS IN STREETS WITH GREATER THAN 60' R.O.W.
- 503 METHOD B FOR RIGID AND FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS
- 503.1 METHOD A FOR FLEXIBLE PIPE TRENCH BACKFILL - PAVED AREAS
- BACKFILL IN UNPAVED AREA AS REQUIRED BY LOCAL CODE OR AS APPROVED BY AGENCY.
- 234 SIDEWALK
- 506 UTILITY POTHOLE REPAIR
- 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.



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

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	PH.	EX: KVA	ADDED KVA	TOTAL KVA	LOOP
P70798	A	1925.97	83.33	2009.33	P50750
UGM28316	B	1524.97	83.33	1608.33	UGM420216
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.

CONSTRUCTION / INSPECTION REQUIREMENTS
WORK MUST CONFORM TO NVE ELECTRIC SERVICE STANDARDS, AVAILABLE AT:
www.nveenergy.com/business/newconstruction/newconstruction5/servicesstandards.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 BY METERING ENGINEER AND APPROVED. (submit to: submittals_southern@nveenergy.com)
- APPLICATION FOR METER SET HAS BEEN SUBMITTED TO NVE'S NEW DEVELOPMENT CENTER. FORM AVAILABLE AT:
www.nveenergy.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.nveenergy.com/business/newconstruction/newconstruction5/developerdashboard.cfm



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 CONCRETE 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-MANDRELED 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	---
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	---
CABLE TV LINE	---
STORM DRAIN LINE	---
FIRE HYDRANT	---
SIGNAL LIGHT	---

SERVICE INDICATOR
STREET LIGHT

CITY OF LAS VEGAS
PERMIT REQUIRED*

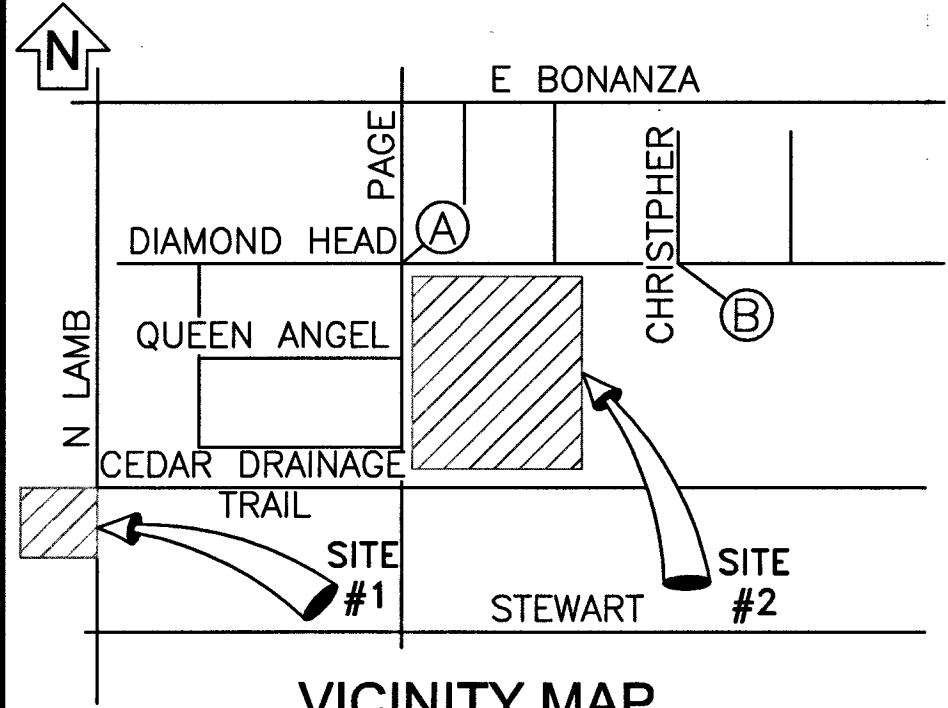
CONTACT CLV LAND DEVELOPMENT (229-6371)
CLV CONSTRUCTION SERVICES MUST BE NOTIFIED
24 HOURS PRIOR TO COMMENCING CONSTRUCTION
(229-6337)

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.

LAS VEGAS NORTH (RYAN CENTER): 402-4354
LAS VEGAS SOUTH (BELTZ CENTER): 402-6864



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 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
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

NON-STANDARD

PROJECT PURPOSE:

TO PROVIDE 277/480v 3ø 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 UG@NVEENERGY.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.



CCSD EDWARDS ELEMENTARY
SCHOOL - REPLACEMENT

619-00762 715-215
N LAMB BLVD / E BONANZA RD

PROJ #3003155395 SCALE: 1"=30'

SHEET # 1 OF 2 DATE: 1/22/2019

