

1. ALL QUANTITIES SHOWN HEREIN ARE APPROXIMATE AND USED FOR PERMIT AND BOND PURPOSES ONLY. THEY SHALL NOT BE USED IN ANY WAY FOR BIDDING OR CONSTRUCTION. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO RESPOND TO ALL QUANTITY TAKE-OFFS FOR BIDDING AND CONSTRUCTION PURPOSES.
2. A GEOTECHNICAL INVESTIGATION TO CORROBORATE THE PROJECT BY AMERICAN SOILS ENGINEERING, LLC DATED MARCH 9, 2015, PERMIT NO.1691-GEO-UPDATE. THE CONTRACTOR SHALL ATTENTIVELY EXAMINE THE SITE IN SUCH A MANNER THAT HE CAN CONFIRM EXISTING SURFACE CONDITIONS WITH THOSE PRESENTED IN THE CONTRACTORS REPORT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF EXISTED MATERIALS AND SUBSURFACE SOIL OR ROCK DEPOSITS HAVE BEEN SATISFACTORILY REPRESENTED IN THE CONTRACTORS REPORT AND CIVIL ENGINEER'S DRAWINGS. ANY DISCREPANCY THAT MAY BE OF PRIOR KNOWLEDGE TO THE CONTRACTOR THAT IS REVEALED THROUGH HIS INVESTIGATIONS SHALL BE MADE AVAILABLE TO THE OWNER. IT IS THE CONTRACTORS RESPONSIBILITY TO CORROBORATE THE GEOTECHNICAL REPORT PRIOR TO CONSTRUCTION. RESULTS OF THE GEOTECHNICAL INVESTIGATION ALONG WITH THEIR RECOMMENDATIONS SHALL BECOME PART OF THE SPECIFICATIONS BUT NOT CONSTITUTE A GUARANTEE OF THE SUBSURFACE CONDITIONS IN ANY WAY.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY, HEALTH AND THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY, AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY ARISING FROM THE CONTRACTORS NEGLIGENCE OR NONCOMPLIANCE WITH THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXCAVATION AND SHORING PROCEDURES AND CONFORM WITH ALL O.S. REQUIREMENTS.
5. THE CONTRACTOR SHALL MAINTAIN AN ON-GOING DUST CONTROL PROGRAM, INCLUDING WATERING OF OPEN AREAS, IN ORDER TO CONFORM WITH THE LATEST STATE AND COUNTY AIR POLLUTION REGULATIONS. THE CONTRACTOR SHALL HAVE A DUST CONTROL PLAN APPROVED BY THE CLARK COUNTY DISTRICT HEALTH DEPARTMENT FOR THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DUST REMOVAL OF ALL CONSTRUCTION MATERIALS SPILLED ON PAVED STREETS, ONSITE AND OFFSITE.
6. THE CONTRACTOR SHALL PURSUE THE WORK IN A CONTINUOUS AND DILIGENT MANNER, CONFORMING TO ALL PERTINENT SAFETY REGULATIONS, TO INSURE A TIMELY COMPLETION OF THE PROJECT.
7. THE CONTRACTOR SHALL NOTIFY ALL ENTITIES INVOLVED (PUBLIC AND PRIVATE) 48 HOURS PRIOR TO BEGINNING CONSTRUCTION, AND 48 HOURS PRIOR NOTICE FOR ALL SURVEYING AND INSPECTIONS DURING CONSTRUCTION.
8. ALL AREAS DISTURBED AND LEFT UNDEVELOPED FOR A PERIOD OF MORE THAN 30 DAYS SHALL BE STABILIZED BY THE APPLICATION OF AN APPROVED DUST PREVENTATIVE PLAN AT THE COST OF THE CONTRACTOR AND PER THE SUPERVISOR'S DISCRETION TO PREVENT EROSION.
9. THE CONTRACTOR SHALL OBTAIN A PERMIT FOR ALL NECESSARY PERMITS AND FEES REQUIRED FOR CONSTRUCTION.
10. ALL EXISTING UTILITY LOCATIONS, SIZES, AND DESCRIPTIONS AS SHOWN ON THESE DRAWINGS ARE FROM SURVEY ORIGINATOR INFORMATION. THE CONTRACTOR SHALL CORROBORATE WITH AVAILABLE RECORDS, REFERENCE MAPS, DRAWINGS, AND VERBAL STATEMENTS SUPPLIED BY UTILITY COMPANIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES WHICH MAY BE AFFECTED BY THE WORK TO OBTAIN ASSISTANCE IN THE LOCATION OF EXISTING MAINS AND SERVICE CONNECTIONS. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION SIGNING, BARRICADES AND TRAFFIC DELINEATION TO CONFORM TO THE STATE OF NEVADA, DEPARTMENT OF TRANSPORTATION, "NEVADA WORK ZONE TRAFFIC CONTROL MANUAL".
12. THE WORK IN THIS CONTRACT INCLUDES ALL ONSITE AND OFFSITE WORK SHOWN ON THESE DRAWINGS, DESCRIBED IN THE SPECIFICATIONS, OR REASONABLY IMPLIED.
13. THE CONTRACTOR SHALL, AT ALL TIMES DURING CONSTRUCTION, PROTECT FROM DAMAGE EXISTING UTILITIES, INCLUDING BUT NOT LIMITED TO, PAVEMENT, CURB & GUTTER, SIDEWALK, LANDSCAPING, SIGNAGE, STORM & SANITARY MAINS, AND ALL UTILITIES. THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE REPAIR OF ANY IMPROVEMENTS (EXISTING OR PROPOSED) DAMAGED THROUGHOUT THE COURSE OF CONSTRUCTION.
14. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN AT ALL TIMES EMERGENCY ACCESS TO THE PROJECT SITE TO THE SATISFACTION OF THE LOCAL FIRE DEPARTMENT.
15. THE CONTRACTOR SHALL, UPON COMPLETION OF THE PROJECT, PREPARE AND SUBMIT TO THE OWNER RECORD DRAWINGS INDICATING BY DIMENSION AND DESCRIPTION ANY FACILITY CONSTRUCTED CONTRARY TO THAT SHOWN ON THESE PLANS.
16. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL MATERIALS TO BE USED ON THE SITE TO INCLUDE, BUT NOT BE LIMITED TO, A.C. AND P.C.C. MIX DESIGN, AGGREGATE BASE QUALIFICATIONS, PRECAST CONCRETE, AND ALL OTHER MATERIALS TO BE USED ON THE PROJECT TO THE PROJECT ENGINEER FOR APPROVAL PRIOR TO THE MANUFACTURING OR USE OF SUCH ITEMS.
17. INSPECTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH COUNTY STANDARDS OR THE STANDARD SPECIFICATIONS FOR THE MORE STRINGENT.
18. THE CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING INLETS, VALVE BOXES, MANHOLE RISERS, AND SEWER CLEAN OUTS, ETC. TO FINISH GRADE AS APPLICABLE WHETHER OR NOT THEY ARE SHOWN ON THE PLANS.

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 SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ON-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA," LATEST ISSUE; THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF STORM DRAINAGE SYSTEMS, CLARK COUNTY AREA NEVADA," LATEST REVISION; EITHER, THE "SUMMERLIN IMPROVEMENT STANDARDS" FOR WORK IN THE SUMMERLIN AREA; OR ANY OTHER APPLICABLE APPROPRIATE STANDARDS ISSUED BY THE CONTROLLING AGENCY, THE UNDERGROUND BUILDING CODE, AND LOCAL CITY ORDINANCES AND ORDINANCES APPROVED, SUCH 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 RESEARCH OF THE AVAILABLE RECORDS; EXISTING UTILITIES ARE SHOWN FOR INFORMATION ONLY. APPROXIMATE LOCATIONS AND DEPTHS OF EXISTING UTILITIES ARE SHOWN ON PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS ARE NOT TO BE KNOWN OR ASSUMED TO BE THE SAME AS THE MAIN LINE. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COST AND LIABILITY IN CONNECTION THEREWITH.
3. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES AND EQUIPMENTS AND SHALL BE RESPONSIBLE TO THE CITY TO MAKE GOOD ANY 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 CITY, 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 NECESSARY PERMITS FROM THE CITY AND THE CITY ENGINEER BEFORE BEGINNING CONSTRUCTION.
7. EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 300' IN EXTRUDED-TYPE CURB.
8. AC PAVEMENT TO BE ONE-HALF INCH (1/2") ABOVE UP OF ALL GUTTERS AFTER COMPLETION. SEATED AT SIDEWALK RAMPS AND CROSS RAMPINGS.
9. CURB AND GUTTER SHOULD 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. 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, EXISTING CONSTRUCTION, AND EXISTING CONDITIONS. PROVIDE SMOOTH GRADUAL TRANSITION AND EGRESS TO NEW CONSTRUCTION, THE EXTENT OF THE TRANSITIONS TO BE AS SHOWN ON PLANS.
12. ALL GRADING WORK SHALL CONFORM TO THE SOILS REPORT AS PREPARED BY NOVQA GEOTECHNICAL PROJECT, E-12-044, DATED MAY, 25 2012 APPROVED BY THE CITY ENGINEER, AND AS SHOWN ON THESE PLANS.
13. EXACT LOCATION OF ALL SAWCUT LINES MAY BE ADJUSTED OR DETERMINED IN THE FIELD BY A CITY OF LAS VEGAS INSPECTOR. EXACT 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 THE SURVEYING ACT OF FEBRUARY 1, 1960. CITY OF LAS VEGAS TITLE 18, APPENDIX D.
15. UTILITY COMPANY METER BOXES, MANHOLE LIDS, VALVE COVERS, ETC., SHALL BE LOCATED OUT OF DRIVEWAYS, DRIVEWAY APRONS, FLOWLINES, OR THE CONSTRUCTION OF ANY ROAD BASE.
16. THE UTILITY COMPANY AND THE CITY ENGINEER, WALL NOTES:
17. ALL WALLS, NEW OR EXISTING, ARE ONLY SHOWN ON CIVIL PLANS FOR THE PURPOSE OF REVIEWING GRADING AND ELEVATION. FOUNDATION, FOOTING, AND INTERSECTIONS, NEW WALLS REQUIRE A SEPARATE PERMIT AND INSPECTION BY THE BUILDING DEPARTMENT.
18. ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT WITHIN CITY RIGHT OF WAY.
19. CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING INLETS, VALVES, BOXES, MANHOLE RISERS, AND ANSWER CLEAN ELBOWS, ETC. TO BE IN ACCORDANCE WITH THE CITY ENGINEER'S PLAN. IF NOT THEY ARE SHOWN ON THE PLANS.
20. MATERIALS, HANDLING AND PLACEMENT OF PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF NDOT OR THE CLARK COUNTY AREA SPECIFICATIONS (AS APPLICABLE) AND THE PLANS AND DETAILS SHOWN HEREON.
21. WHEN INSTALLING UNDERGROUND FACILITIES THAT REQUIRE UNDERGROUND LOCATING DEVICES SUCH AS CORNER BOLLARDS, STREET LIGHTS, AND/OR TRAFFIC SIGNALS, THE CONTRACTOR SHALL PLACE THE DEVICES OFFSITE INSPECTION AND TESTING CERTIFYING THAT ALL DEVICES HAVE BEEN PLACED AND VERIFIED TO BE IN ACCORDANCE WITH THE CITY ENGINEER'S PLAN. ANY DEVIATIONS FROM THE PLANS SHALL BE NOTED AND SUBMITTED AS A REVISION TO THE PLANS AND APPROVED PRIOR TO ACCEPTANCE OF FACILITY VIDEO INSPECTION.
22. 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 SEWER MANHOLES, STORM DRAIN MANHOLES AND TRANSITION STRUCTURES, STORM DRAIN LATERALS AT THE CONNECTION TO THE STORM DRAIN MAIN FLOORLINE, AND THE LOCATION OF SEWER SERVICE LATERALS AT THE CONNECTION TO THE SEWER MAIN AND WHERE THE SEWER SERVICE LATERALS EXIT THE PUBLIC RIGHT-OF-WAY, AND STORM DRAIN MAIN ALIGNMENT, INCLUDING DEFLECTION POINTS. THE LOCATION SHALL BE DESCRIBED BY COORDINATES WHICH SHALL BE BASED ON THE OFFICIAL CLARK COUNTY NORTH DATUM. THE LOCATION SHALL BE VERIFIED BY THE CONTRACTOR AND SHALL BE CERTIFIED BY A NEVADA PROFESSIONAL LAND SURVEYOR TO HAVE POSITIONAL CERTainties OF ± 0.09 METERS (± 0.3 FEET) HORIZONTALLY AND VERTICALLY. A SEPARATE ELECTRONIC CDMA DELIMITED FILE FOR THE SANITARY SEWER AND STORM DRAIN MAIN SHALL BE SUBMITTED TO THE CITY ENGINEER. THE SANITARY SEWER AND STORM DRAIN FINAL LOCATION MAP(S), OR SANITARY SEWER AND STORM DRAIN FACILITIES SHOWN ON THESE PLANS SHALL BE USED TO MEET THE REQUIREMENTS OF NRS 455 AND SHALL SHOW AT A MINIMUM THE HORIZONTAL AND VERTICAL (INVERT) LOCATION OF SEWER MANHOLES, STORM DRAIN MANHOLES, STORM DRAIN LATERALS AT THE CONNECTION TO THE STORM DRAIN MAIN AND AT THE CONNECTION TO A LATERALS EXIT THE PUBLIC RIGHT-OF-WAY, AND THE LOCATION OF SEWER SERVICE LATERALS AT THE CONNECTION TO THE SEWER MAIN AND WHERE THE SEWER SERVICE LATERALS EXIT THE PUBLIC RIGHT-OF-WAY. THE LOCATION SHALL BE NOTED AND SUBMITTED AS A REVISION TO THE PLANS AND APPROVED PRIOR TO ACCEPTANCE OF FACILITY VIDEO INSPECTION.
23. CCTV VIDEO INSPECTION IS REQUIRED FOR ALL SEWER AND STORM DRAINS. THE CCTV VIDEO INSPECTIONS WILL BE REQUIRED TO BE PERFORMED PER THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS LATEST ADDITION.
24. A SEPARATE BORING PERMIT IS REQUIRED FOR ALL BORING ACTIVITIES.

1. ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREON SHALL BE IN PLACE AND IN FINAL POSITION PRIOR TO ALLOWING ANY PUBLIC TRAFFIC INTO THE PORTIONS OF THE ROAD(S) BEING IMPROVED HEREON. REGARDLESS OF THE STATUS OF COMPLETION OF PAVING OR OTHER OFF-SITE IMPROVEMENTS CALLED FOR BY THESE PLANS.
2. BEFORE ANY WORK IS STARTED IN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS FOR THE CONSTRUCTION ZONE. THE CONTRACTOR SHALL INSTALL TEMPORARY GROUND MOUNTED STOP SIGNS AT ALL NEW STREET ENCROACHMENTS INTO EXISTING COUNTY STREETS IMMEDIATELY AFTER FIRST GRADING. TEMPORARY STOP SIGNS SHALL BE MAINTAINED THROUGHOUT THE PERMANENT SIGNS ARE INSTALLED.
3. ALL CONSTRUCTION SIGNING, BARRICADING AND PAVEMENT MARKINGS SHALL CONFORM TO THE NEVADA WORK ZONE TRAFFIC CONTROL HANDBOOK -- 1986 AND TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
4. IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY OBSTRUCTION, TEMPORARY REMOVAL, OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKING, SUCH PAVEMENT MARKING SHALL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE COUNTY TRAFFIC MANAGER.
5. THE DEVELOPER SHALL BE RESPONSIBLE TO PROVIDE AND INSTALL ALL PERMANENT SIGNS SHOWN ON THE PROJECT STREET LIGHTING PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE TO CLARK COUNTY AREA STANDARDS. ALL OTHER SIGNS SHALL BE STANDARD OR UNLESS OTHERWISE SPECIFIED IN THE PLANS. ALL SIGNPOSTS SHALL BE INSTALLED IN ACCORDANCE WITH CLARK COUNTY AREA STANDARDS. ALL SIGNS SHALL USE CLASS VI SHEETING.
6. IF A PROPOSED STREET LIGHT STANDARD IS FIELD LOCATED TO WITHIN FIVE (5) FEET OF ANY SIGN, SHOWN HEREON TO BE MOUNTED ON A SIGN POST, CHANGE SIGN MOUNTING TO ONE ON THE STREETLIGHT STANDARD.
7. PRIOR TO CONSTRUCTION, THE STREET SIGN CONTRACTOR SHALL OBTAIN STREET NAME AND BLOCK NUMBERING FROM THE CURRENT PLANNING DIVISION OF THE DEPARTMENT OF COMPREHENSIVE PLANNING.
8. ALL TRAFFIC SIGNAL, POLE ASSEMBLIES, STEEL PEDESTAL FOR CABINETS AND STREET LIGHT POLES SHALL BE GALVANEIZED.
9. ALL STREET LIGHTING INSTALLATIONS EXCEPT NOTED ON THE STREET LIGHTING PLANS SHALL CONFORM TO THE UNIFORM STANDARD DRAWINGS AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, LATEST EDITION OF EACH.
10. IF THE FOLLOWING CONDITIONS ARE ENCOUNTERED IN THE FIELD DURING YOUR PROJECT AREA: STREET LIGHTING, TRAFFIC SIGNALS, AND FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION (F.A.S.T.) INTERCONNECT CABLE, YOU MUST CONTACT CLARK COUNTY TRAFFIC MANAGEMENT DIVISION, OPERATIONS UNIT AT 455-6000 FOR LOCATIONS AT LEAST 48 HOURS PRIOR TO WORKING IN THE AREA. CLARK COUNTY IS NOT A MEMBER OF "CALL BEFORE YOU DIG" (A NATIONAL SERVICE CENTER), AND A CALL TO THAT ORGANIZATION DOES NOT RELIEVE YOU OF LIABILITY FOR CLARK COUNTY FACILITIES.
11. F.A.S.T. INTERCONNECT CABLE POLICY IS IN EFFECT. INTERCONNECT CABLE MUST BE MAINTAINED AT ALL TIMES. DEVELOPER/CONTRACTOR SHALL PROVIDE TEMPORARY OVERHEAD INTERCONNECT CABLE WHILE PERMANENT INTERCONNECT CABLE IS BEING REPAIRED. ANY SERIOUS INSTALLATION MUST BE ACCEPTABLE TO THE COUNTY TRAFFIC MANAGER AND TO F.A.S.T., ANY DAMAGE TO THIS CABLE IS DEEMED TO BE THE RESPONSIBILITY OF THE DEVELOPER, CLARK COUNTY AND INDOT AND MUST BE REPAIRED IMMEDIATELY TO F.A.S.T. ACCEPTANCE. \$2,500 PER DAY DAMAGES MAY BE ASSESSED AFTER TRAFFIC SIGNALS HAS ELAPSED FROM TIME OF BREAK OR DAMAGE.
12. ALL NEW OR REPLACEMENT TRAFFIC SIGNAL LOOPS SHALL BE INSTALLED USING CABLE-IN-DUCT WIRING, SHALL HAVE A MINIMUM OF TWO CABLES PER LOOP FROM THE CONTROLLER TO THE PULL-BOX, AND EACH LEAD-IN SHALL BE INDIVIDUALLY TAGGED.
13. TRAFFIC SIGNAL PEDESTRIAN HEADS SHALL BE THE L.E.D. TYPE.
14. ELECTRICAL POWER SERVICE POINT LOCATION(S) FOR STREET LIGHTING AND TRAFFIC SIGNALS MUST BE INDICATED ON EACH DRAWING. IF CONNECTING TO AN EXISTING CIRCUIT, INDICATE LOCATION OF EXISTING SERVICE POINT FOR EACH CIRCUIT.
15. WHEN STREETLIGHTS ARE TO BE CONNECTED TO AN EXISTING CIRCUIT, THE ENGINEER MUST CERTIFY THAT THE EXISTING CIRCUIT IS CAPABLE OF HANDLING THE ADDITIONAL CIRCUIT LOAD.
16. CLARK COUNTY ENGINEERS HAVE THE RIGHT TO REJECT STREET LIGHT AND TRAFFIC SIGNAL POLES AND ASSEMBLIES WHICH HAVE A "STRIPED" FINISH.
17. TWO WEEKS PRIOR TO BEGINNING OF CONSTRUCTION, MODIFICATION OR RELOCATION OF ANY TRAFFIC SIGNAL SYSTEM WRITTEN NOTICE SHALL BE SUBMITTED TO THE CLARK COUNTY TRAFFIC MANAGEMENT DIVISION OF THE DATE THAT WRITTEN NOTICE.
18. THREE (3) NORMAL WORKING DAYS PRIOR TO TURN-ON OR COMPLETION OF MODIFICATION(S) TO A TRAFFIC SIGNAL SYSTEM, WRITTEN NOTICE SHALL BE SUBMITTED TO THE CLARK COUNTY TRAFFIC MANAGEMENT DIVISION THAT WORK IS BEING COMPLETED AND THE PROPOSED DATE OF COMPLETION.

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 OF THE IMPROVEMENTS AND CONSTRUCTION DIVISION OF 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 ENGINEER.
3. CHISEL "S" OR "G" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.
4. POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, INSTALLED WITH SAND BEDDING AND BACKFILL OF TYPE II AGGREGATE BASE.
5. ALL MANHOLES PAVED IN STREETS EIGHTY (80) FOOT R/W AND LARGER SHALL HAVE CONCRETE COLLARS. STREETS LESS THAN EIGHTY (80) FOOT R/W WILL REQUIRE RETROFIT IF PAVING DOES NOT CONFORM TO CITY STANDARDS AT THE MANHOLE.
6. TEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO TWELVE INCH (12") DIAMETER. CONDUITS TO FITTINGS (15") OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES. IN LINE "Y" SHALL BE USED ON LINES TWELVE INCHES (12") OR ABOVE.
7. WATER MAINS SHALL BE PROTECTED IN ACCORDANCE WITH LVWDSD 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 BE IMMEDIATELY REPAIRED OR REMOVED OR REPLACED TO THE SATISFACTION OF THE CITY ENGINEER PRIOR TO ACCEPTANCE BY THE CITY OF LAS VEGAS.
10. INSTALLATION OF CURVED SEWER REQUIRES THE USE OF C-900 PIPE WHICH ALLOWS FOR PIPE DEFLECTION AT THE JOINTS.

1. INSPECTIONS ARE REQUIRED, CALL 24 HOURS IN ADVANCE. 455-4610. YOUR PERMIT, APPROVED PLANS, AND BARRICADE PLANS FOR THIS WORK MUST BE ON THE JOB SITE AT ALL TIMES.
2. EXACT LOCATION OF ANY GRADE OR CURB LINES SHALL BE DETERMINED IN THE FIELD BY A CLARK COUNTY INSPECTOR.
3. EXACT LOCATION OF ANY GRADE OR CURB SHALL BE 4/10 OF ONE PERCENT SHALL BE CONSTRUCTED BY FORMING.
4. CURB AND GUTTER WITH A GRADE OF LESS THAN 4/10 OF ONE PERCENT SHALL BE CONSTRUCTED BY FORMING. EACH JOINT SHALL BE CHECKED FOR GRADE PRIOR TO CONSTRUCTION AND WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION.
5. FINAL ASPHALT (2" MINIMUM) PAVEMENT SURFACES SHALL BE ONE-HALF (1/2") INCH ABOVE THE LIP OF THE GUTTER (INCLUDING OPEN DRAIN).
6. ALL OFF-SITE IMPROVEMENT CONSTRUCTION SHALL CONFORM TO THE UNIFORM STANDARD SPECIFICATIONS AND STANDARD DRAWINGS, CLARK COUNTY AREA NEVADA AND CLARK COUNTY SUPPLEMENT TO UNIFORM STANDARD SPECIFICATIONS, LATEST EDITION.
7. PRIVATE STREETS CURB & GUTTER AND VALLEY GUTTERS REFLECTED ON THESE PLANS ARE TO BE INSPECTED BY A CLARK COUNTY INSPECTOR.
8. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER STANDARD DRAWING 235. EXACT LOCATION OF RAMPS SHALL BE DETERMINED IN THE FIELD BY A CLARK COUNTY INSPECTOR.
9. PROPER SIGNS, BARRIERS, BARRICADES AND LIGHTS SHALL BE PLACED AND MAINTAINED IN ACCORDANCE WITH THE LATEST "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" TRAFFIC, SCHOOL, OR STREET SIGNS SHALL BE MOVED TO ANY LOCATION FOR ANY REASON WITHOUT FIRST COORDINATING WITH THE DEPARTMENT OF PUBLIC WORKS INSPECTOR @ 455-4613.
10. THIS PLAN DOES NOT AUTHORIZE CLOSURE OF ANY ROAD OR STREET.
11. NO OPEN TRENCH SHALL BE ALLOWED ACROSS ANY STREET OR WITHIN TEN (10) FEET OF ANY TRAVEL-WAY, EXCEPT WHEN THE TRENCH IS TO BE OPENED TO REPLACE OR REPAIR ACCEPTABLE STEEL PLATE OR TO BE CONSTRUCTED AS A TRENCH. NO OPEN TRENCH IS PERMITTED IN EXCESS OF 500 FEET OR LENGTH NECESSARY TO ACCOMMODATE PIPE INSTALLATION IN A SINGLE DAY, WHICH EVER IS GREATER. ALL TRENCH CROSSINGS SHALL BE BACKFILLED WITH SPECIFIC STRENGTH AND COMPACTION UNLESS OTHERWISE STATED.
12. A TEMPORARY PATCH IS TO BE IN PLACE AT THE END OF EACH DAY OF WORK. BACKFILL IN THE TRENCH HAS BEEN COMPLETED AND PRIOR TO OPENING THE WORK AREA BACK TO TRAFFIC AND IS TO BE MAINTAINED BY THE PERMITEE. A TEMPORARY PATCH AT THE END OF EACH DAY OF WORK SHALL BE IN PLACE WITHIN THIRTY (30) DAYS AFTER THE COMPLETION OF THE PROJECT.
13. COMPACTION TESTS ARE REQUIRED.

- A. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CLARK COUNTY FIRE CODE AS AMENDED, AND THE 2007 EDITION OF THE NATIONAL FIRE PROTECTION ASSOCIATION PAMPHLET #24.
- B. FIRE HYDRANTS AND WATER SUPPLY PROTECTION SHALL BE CONSIDERED A NON-REVERSIBLE PRIORITY AND DURING THE TIME OF CONSTRUCTION IN ACCORDANCE WITH SECTION 1412 OF THE CLARK COUNTY FIRE CODE, AS AMENDED.
- C. IF DURING CONSTRUCTION IT BECOMES NECESSARY TO CLOSE ANY CONTROL VALVE OR PLACE A HYDRANT OUT OF SERVICE, APPROVAL SHALL BE OBTAINED FOR THE FIRE DEPARTMENT PRIOR TO PLACING THE HYDRANT OUT OF SERVICE.
- D. PAINTING OF CURBS AND/OR STRIPING OF ASPHALT AREAS AND PROTECTION OF HYDRANTS FROM PHYSICAL INJURY SHALL BE PER FIRE HYDRANT INSTALLATION SPECIFICATIONS OF THE FIRE PREVENTION DIVISION.
- E. NO FIRE HYDRANT SHALL BE LOCATED WITHIN 25 FEET OF ANY STRUCTURE, OR 6 FEET OF A DRIVEWAY, POWER POLE, LIGHT STANDARD, OR ANY OTHER OBSTRUCTION. FOR WALL, FENCE AND PLANTER LOCATIONS, A PERIMETER AROUND THE HYDRANT SHALL BE MAINTAINED. A MINIMUM OF 3 FEET FROM ITS EXTERIOR SHALL BE MAINTAINED CLEAR OF ALL OBSTRUCTIONS AT ALL TIMES.
- F. FIRE APPARATUS ACCESS ROADS SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS. THE MAXIMUM PERMISSIBLE VEHICLE WEIGHT SHALL BE 10,000 POUNDS PER AXLE, AND SHALL BE SURFACED AND PAVED SO AS TO PROVIDE ALL OTHER DRIVING CAPABILITY.
EXCEPTION: TEMPORARY ACCESS ROADS SERVING ONLY BUILDINGS UNDER CONSTRUCTION SHALL NOT BE REQUIRED TO BE PAVED, BUT SHALL COMPLY WITH ALL OTHER REQUIREMENTS OF SECTION 503.2.3 OF THE CLARK COUNTY FIRE CODE.
- G. PRIOR TO ACCEPTANCE OF ANY FIRE SERVICE MAIN, A SATISFACTORY HYDROSTATIC TEST WITH PIPING JOINTS UNCOVERED MUST BE CONDUCTED. APPROVED PLANS, AN INSTALLATION PERMIT AND A CONTRACTOR'S CERTIFICATION AND TEST BE PROVIDED AT TIME OF INSPECTION. SCHEDULE INSPECTION AT WWW.CLARKCOUNTYNV.GOV/DEPTS/FIRE.
- H. FIRE HYDRANTS SHALL BE LOCATED 4' TO 7' FROM BACK OF CURB AND A MINIMUM OF 6 FEET AWAY FROM UTILITY LINES.
- I. BLUE REFLECTIVE MARKERS MUST BE INSTALLED BEFORE FINAL HYDRANT ACCEPTANCE CAN BE ATTAINED (SECTION 503.2.3 OF THE CLARK COUNTY FIRE CODE).
- J. HYDRANTS THAT ARE PROPOSED FOR INSTALLATION IN PUBLIC WATER SYSTEMS SHALL BE IN ACCORDANCE WITH APPROVED FIRE HYDRANTS AS ALLOWED BY THE WATER PURVEYOR. HYDRANTS PROPOSED FOR INSTALLATION IN NON-PUBLIC WATER SYSTEMS SHALL BE IN ACCORDANCE WITH APPROVED FIRE HYDRANTS AS ALLOWED BY THE FIRE DEPARTMENT.

1. NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN APPROVED FOR CONSTRUCTION BY THE LVVWD. FOLLOWING WATER PLAN APPROVAL, NOTICE SHALL BE GIVEN TO THE LVVWD COMMUNICATION SUPPORT CENTER (258-7171) TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION. FOR FUTURE INSPECTIONS, NOTICE MUST BE GIVEN BY 2:00 P.M. THE BUSINESS DAY PRIOR TO THE REQUESTED LVVWD INSPECTION. WHEN REQUESTING INSPECTIONS, PLEASE REFER TO THE PROJECT I DENTIFIED ABOVE.
2. ALL WORK SHALL CONFORM TO LVVWD STANDARD PLATES, DRAWINGS, AND SPECIFICATIONS, AND TO THE 2000 EDITION OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS). THE LATEST EDITION OF UDACS SHALL SUPERSEDE ANY CONFLICTS CONTAINED IN THE APPROVED DRAWINGS AND/OR SPECIFICATIONS.
3. ALL WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2 ABOVE, SHALL BE DONE IN ACCORDANCE WITH THE MOST RECENT DRAFT OR EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENT, CLARK COUNTY AREA.
4. A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVWD.
5. ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING WITH LVVWD APPROVED SERVICE SADDLES.
6. ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
7. ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY AND CURB GUTTERS.
8. ALL WATER AND STORM DRAIN OR SANITARY SEWER CROSSINGS SHALL CONFORM TO SECTION 2.22 OF THE 2000 EDITION OF THE UDACS.
9. ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED, AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION TO THE LVVWD DISTRIBUTION SYSTEM.
10. THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM LVVWD CENTRAL STORES. TELEPHONE 258-3152 OR 258-3802, TWO (2) WORKING DAYS PRIOR TO METER PICKUP.
11. ANY INTERRUPTION OF SERVICE MUST BE PERFORMED IN ACCORDANCE WITH UDACS SECTION 3.14.01, AND APPROVED BY THE LVVWD INSPECTION DIVISION PRIOR TO SHUTDOWN. PROPER WRITTEN NOTIFICATION MUST BE GIVEN TO ALL AFFECTED CUSTOMERS.
12. ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE AS LISTED ON THE LVVWD PRE-APPROVED MATERIALS AND MANUFACTURER'S LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.
13. TELEPHONE "CALL BEFORE YOU DIG" AT "811" OR 1-800-227-2600.

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

4 / DISMARI FOR Jm
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
PROJECT # 123716 DATE: 10/27/11

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

1. THE OWNER, SITE DEVELOPER, CONTRACTOR AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO, OR ACCUMULATE IN, THE PUBLIC RIGHTS OF WAYS OF THE CLARK COUNTY AS A RESULT OF CONSTRUCTION ACTIVITIES SECOND TO THE CONSTRUCTION OF THE PERMITMENT OR CONSTRUCTION PROJECT. SUCH MATERIALS SHALL BE PREVENTED FROM ENTERING THE STORM SEWER SYSTEM.
2. ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN THE CLARK COUNTY TITLE 24.40 AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BEST MANAGEMENT PRACTICES.
3. TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. SOME EXCEPTIONS MAY APPLY; REFER TO NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVRI000000, SECTION III.A.5.
4. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS AND ALL BMP'S WEEKLY, AND WITHIN 24 HOURS AFTER ANY ACTUAL RAIN EVENT OF 0.5 INCHES OR MORE. THE CONTRACTOR OR HIS AGENT SHALL USE A DAILY INSPECTION PREVENTION PLAN AS NECESSARY. SOME EXCEPTIONS TO WEEKLY INSPECTIONS MAY APPLY, SUCH AS SUSPENSION OF LAND DISTURBANCE ACTIVITIES; REFER TO NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVRI000000, SECTION III.A.12.

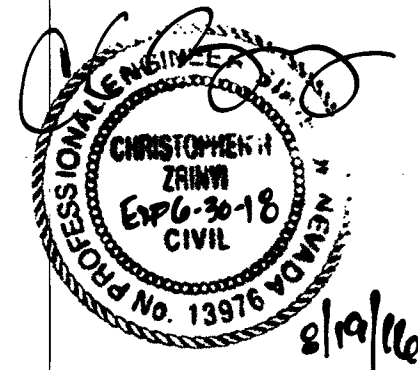
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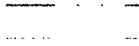
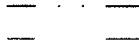
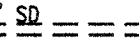
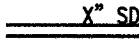
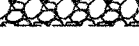
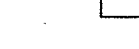
EXISTING	PROPOSED	DESCRIPTION	EXISTING	PROPOSED	DESCRIPTION
		ROW OR PROPERTY LINE			EASEMENT LINE
		CENTERLINE			CURB
		VALLEY GUTTER			EDGE OF PAVEMENT
		SIDEWALK			SIDEWALK RAMP
		DRIVEWAY			SAWCUT LINE
		RETAINING WALL			FLOOD WALL
		WROUGHT IRON VEHICULAR GATES			WROUGHT IRON PEDESTRIAN GATES
		INDEX CONTOURS			INTERMEDIATE CONTOURS
		ROUGH GRADE INDEX CONTOURS			ROUGH GRADE INTERMEDIATE CONTOURS
		CUT OR FILL SLOPE			CUT OR FILL LINE
		LOT NUMBER			FF AND PAD ELEVATION
		GRADE SLOPE			
1 FF=(XX.XX) PAD=(XX.X) XXX.X	1 FF=XX.XX PAD=XX.X XXX.X				
		SPOT ELEVATION			SWALE LINE
		LOT DIMENSION			SIGHT VISIBILITY ZONE
		WATERLINE MAIN AND SERVICE			FIRE HYDRANT
		WATER METER AND SERVICE			LATERAL
		WATER VALVE			WATER FITTINGS
		WATER LINE REDUCER			WATER CAP WITH WATER BUTT ASSEMBLY
		IRRIGATION SLEEVE			PRESSURE REDUCING VALVE
		SEWERLINE MAIN AND SERVICE			SEWERLINE MANHOLE
		SEWERLINE CAP			SEWER LATERAL
		BACK WATER VALVE			100W HPS STREET LIGHT
		250W HPS STREET LIGHT			400W HPS STREET LIGHT

AGG	AGGREGATE
ACP	ASBESTOS CEMENT PIPE
AC	ASPHALTIC CONCRETE
AP	ANGLE POINT
BC	BACK OF CURB
BVC	BEGINNING OF VERTICAL CURVE
BM	BENCHMARK
BORY	BOUNDARY
CATV	CABLE TELEVISION
CL	CENTERLINE
CCUSD	CLARK COUNTY UNIFORM STANDARD DRAWINGS
CCWRD	CLARK COUNTY WATER RECLAMATION DISTRICT
CMH	CENTER OF MANHOLE
CO	CLEAN OUT, SEWER
COMM	COMMERCIAL
CONC, PCC	CONCRETE
CONU	CONSTRUCTION OR CONSTRUCT
CU	CUBIC YARD
CU FT, CF	CUBIC FEET
CSF	CURB FACE
DCSWCS	DESIGN AND CONSTRUCTION STANDARDS FOR WATER COLLECTION SYSTEMS
DIA	DIAMETER
DWY	DRIVEWAY
DI	DROP INLET
ESMT	EASEMENT
EP	EDGE OF PAVEMENT
E	ELECTRIC
ELEV	ELEVATION
ECR	END OF CURB RETURN
EVC	END OF VERTICAL CURVE
EX, EXIST	EXISTING
FT	FEET OR FOOT
FG	FINISH GRADE
HH	FIRE HYDRANT
FL	FLOW LINE
FUT	FUTURE
GALV	GALVANIZED
PL-G	PLASTIC GAS
S-G	STEEL GAS
GB	GRADE BREAK
HP	HIGH POINT
HDP	HIGH DENSITY POLYETHYLENE
INT	INTERSECTION
INV	INVERT
LVWVD	LAS VEGAS VALLEY WATER DISTRICT
LF	LEFT
LV	LINEAR FEET
MH	MANHOLE
MAX	MAXIMUM
MIN	MINIMUM
NTS	NOT TO SCALE
OC	ON CENTER
PVMT	PAVEMENT
PRC	POINT OF INTERSECTION
PRC	POINT OF REVERSE CURVE
PC	POINT OF CURVE
PT	POINT OF TANGENCY
PCC	PORTLAND CEMENT CONCRETE
PUE	PUBLIC UTILITY EASEMENT
PVC	POLYVINYL CHLORIDE
PP	POWER POLE
P	POWER
PL	PROPERTY LINE
POC	POINT OF CONNECTION
PROP	PROPOSED
PRB	PULL BOX
PRVC	POINT OF REVERSE VERTICAL CURVE
RP	RADIUS POINT
RPPA	REDUCED PRESSURE PRINCIPLE ASSEMBLY
REINF	REINFORCED
RCP	REINFORCED CONCRETE BOX
RCB	REINFORCED CONCRETE PIPE
R/R	RIGHT OF RIGHT-OF-WAY
S, SS	SANITARY SEWER
SHT	SHEET
SW	SIDEWALK
SO FT, SF	SQUARE FOOT
SO YD, SY	SQUARE YARD
STA	STATION
SD	STORM DRAIN
STD	STANDARD
SL	STREETLIGHT
T	TELEPHONE
TEMP	TEMPORARY
TC	TOP OF CURB
TRC	TOP OF ROLL CURB
TS	TRAFFIC SIGNAL
TSI	TRAFFIC SIGNAL INTERCONNECT
TRANS	TRANSITION
TYP	TYPICAL
UG	UNDERGROUND
UDACS	UNIFORM DESIGN AND CONSTRUCTION STANDARDS

QUANTITY		ESTIMATE	
DESCRIPTION		PUBLIC	PRIVATE
2-INCH ASPHALTIC CONCRETE PAVING	- SY	-	SY
3-INCH ASPHALTIC CONCRETE PAVING	1,667 SY	-	SY
4-INCH ASPHALTIC CONCRETE PAVING	- SY	-	SY
5-INCH ASPHALTIC CONCRETE PAVING	- SY	-	SY
OPEN GRADE	- SY	-	SY
TYPE I GRAVEL	280 CY	-	CY
TYPE II GRAVEL	185 CY	-	CY
EXCAVATION & EMBANKMENTS	465 CY	-	CY
CURB & GUTTER (24-INCH)	- LF	-	LF
CURB & GUTTER (30-INCH)	- LF	-	LF
CONCRETE VALLEY GUTTER	- SF	-	SF
4-INCH CONCRETE SIDEWALK	- SF	-	SF
5-INCH CONCRETE SIDEWALK	- SF	-	SF
SIDEWALK UNDERDRAIN	- EA	-	EA
3/4" WATER METER	- EA	-	EA
3/4" METER WITH 1" RPPA	- EA	-	EA
POWER SERVICE TO LOTS	- EA	-	EA
SURVEY MONUMENTS	- EA	-	EA
ADA RAMPS	- EA	-	EA
4" CURB	- LF	-	LF
TACK ON CURB	- LF	-	LF
10" CONCRETE BUS TURN OUT	- SF	-	SF
4-INCH SEWER LATERAL	- LF	-	LF
8-INCH PVC SEWER MAIN	1,018 LF	-	LF
48-INCH SEWER MANHOLES	3 EA	-	EA
BACKWATER VALVES	- EA	-	EA
WATER LATERAL	- LF	-	LF
6-INCH PVC WATER MAIN	- LF	-	LF
8-INCH PVC WATER MAIN	- LF	-	LF
10-INCH PVC WATER MAIN	- LF	-	LF
8-INCH DIP WATER MAIN	- LF	-	LF
IRRIGATION SLEEVES	- LF	-	LF
FIRE HYDRANT	- EA	-	EA
LIGHT STANDARD (STD. BASE)	- EA	-	EA
ADJUST/RELOCATE STREETLIGHT	- EA	-	EA
1-1/4" INCH STREET LIGHT CONDUIT	- LF	-	LF
2-INCH STREET LIGHT CONDUIT	- LF	-	LF
SL 125 AMP SERVICE PEDESTAL	- EA	-	EA
4-IN FAST INTERCONNECT CONDUIT	- LF	-	LF
STREET SIGNS - STAND ALONE	- EA	-	EA
PAVEMENT STRIPING - COLLECTOR	1,036 LF	-	LF
4-INCH WIDE WHITE PAINTED LINE	- LF	-	LF
FILM FOR CROSSWALKS, STRIPING, ETC.	80 SF	-	SF
USD 601 BARRICADE (SFT)	- EA	-	EA
#3 1/2 PULLBOX	- EA	-	EA
18-INCH STORM DRAIN	- LF	-	LF
24-INCH STORM DRAIN	- LF	-	LF
30-INCH STORM DRAIN	- LF	-	LF
48-INCH STORM DRAIN	- LF	-	LF
1171'S ARCH CULVERT	- LF	-	LF
3' CONCRETE CUT-OFF WALL	- LF	-	LF
ZURN T1737 DRAIN	- EA	-	1 EA
TYPE C DROP INLET	- EA	-	EA
17.5'-FOOT MOD TYPE C DROP INLET	- EA	-	EA
20.5'-FOOT MOD TYPE C DROP INLET	- EA	-	EA
60-INCH SD MANHOLE (>6')	- EA	-	EA
DRAINAGE EASEMENT - CONCRETE	- SF	-	SF
RIP RAP (050=6")	- CY	-	CY
RIP RAP (050=24")	- CY	-	CY

NOTE:
THIS QUANTITY ESTIMATE IS FOR BONDING PURPOSES ONLY.
CONTRACTOR TO DETERMINE INDEPENDENT ESTIMATIONS.



EXISTING	PROPOSED	DESCRIPTION
		STREET LIGHT CONDUIT AND CAP 4" FIBER OPTIC CONDUIT AND CAP PULLBOX
		REFLECTIVE FIRE HYDRANT MARKER
		STORM DRAIN MAIN AND SIZE
		ROCK RIP RAP
		STORM DRAIN MANHOLE
		STORM DRAIN DROP INLET

CITY OF LAS VEGAS BENCHMARK 6LV99 24SES
A RIVET AND PLATE IN THE TOP OF CURB AT THE NORTHWEST CORNER OF
CENTENNIAL PARKWAY AND HUALAPAI WAY

SOUTH 89°47'00" EAST BEING THE BEARING OF THE NORTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA AS SHOWN BY MAP THEREOF ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN FILE 89, PAGE 3 OF SURVEYS.

4th 58470

307V 1113

OFFSITE IMPROVEMENT PLANS FOR CENTENNIAL AND TEEPEE BRIGHT ANGEL WAY OFFSITE SEWER FACILITIES GENERAL NOTES, LEGEND AND ABBREVIATIONS		 9.21.15		CLARK COUNTY NEVADA	
DRAWING N-1 SHT 2 OF 5 15-18109		OFFSITE IMPROVEMENT PLANS FOR CENTENNIAL AND TEEPEE BRIGHT ANGEL WAY OFFSITE SEWER FACILITIES GENERAL NOTES, LEGEND AND ABBREVIATIONS			
LENNAR® 2490 PASO VERDE PARKWAY SUITE 120 HENDERSON, NV 89074 PHONE: (702) 736-9100 FAX: (702) 736-9200		RCI Engineering 4325 Dean Martin Road, Suite 300, Las Vegas, NV 89103 PHN702.453.0800 FAX702.453.0801			
DATE: September 21, 2015 HORIZ. SCALE: N/A VERT. SCALE: N/A DRAWN BY: CR DESIGNED BY: CR CHECKED BY: CRZ APPROVED BY: CRZ PROJECT #: 3040.0038		DESCRIPTION REV BY APPD DATE			

:\3040_LENK\0038_Centennial and Lee Poo\civil\IPS\OFFSITE_S002_N01.dwg czrinyi 9/21/15 11:58am

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 OR 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. CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.

Call before you Dig

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.



1-800-227-2600



BENCHMARK

CITY OF LAS VEGAS BENCHMARK 6LV99 24SES
A RIVET AND PLATE IN THE TOP OF CURB AT THE NORTHWEST CORNER OF CENTENNIAL PARKWAY AND HUALAPAI WAY.

ELEVATION=844.924 METERS (NAVD'88)
ELEVATION=2772.06 US SURVEY FEET (NAVD'88)

BASIS OF BEARINGS

SOUTH 89°47'00" EAST BEING THE BEARING OF THE NORTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA AS SHOWN BY MAP THEREOF ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN FILE 89, PAGE 3 OF SURVEYS.

SEWER CONSTRUCTION NOTES

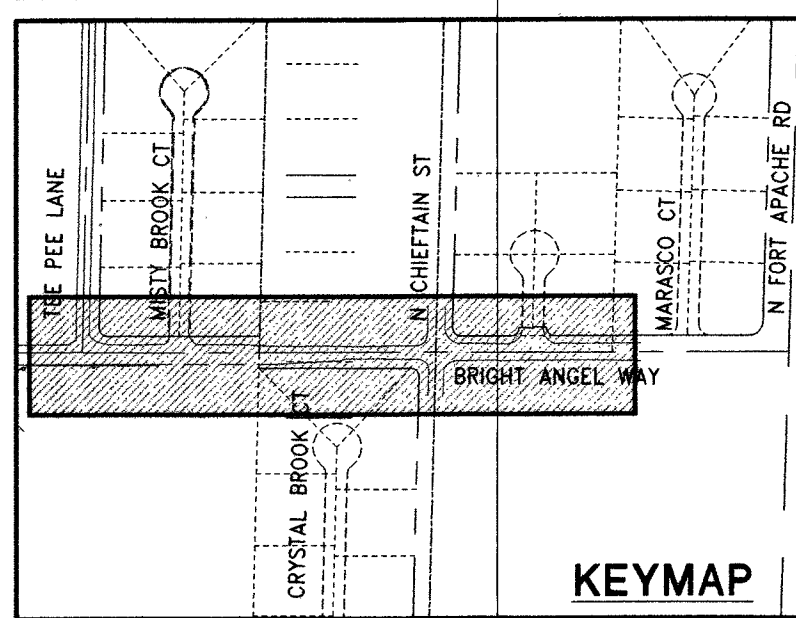
- 21) INSTALL 48" STANDARD MANHOLE (PER DCSWCS STD. No. SD-1A, SD-4, SD-5 & SD-6)
- 22) INSTALL 8" SEWER CAP AND 1 CU-FT THRUST BLOCK @ CAP
- 23) CORE INTO EXISTING MH BASE CONTRACTOR MAY CORE INTO EXISTING MANHOLE BASE ONLY IF RESULTING FLOW CHANNELS MEET ALL REQUIREMENTS OF THE DESIGN STANDARDS AS DETERMINED BY THE CITY OF LAS VEGAS INSPECTOR. OTHERWISE MANHOLE BASE WILL NEED TO BE REPLACED.

NOTES:

1. ALL SEWER/STORM DRAINS CROSSING WATERLINES MUST CONFORM TO SECTION 2.22 OF UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSING AND CLEARANCES.

EXISTING UTILITY NOTE:

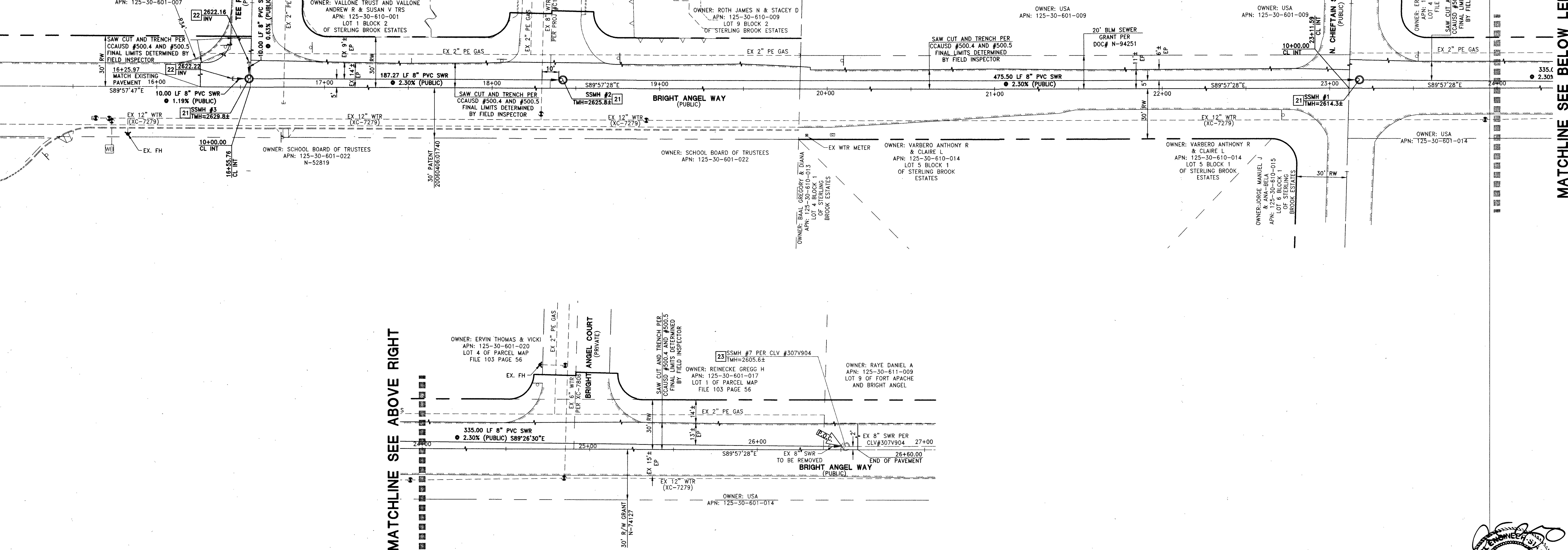
1. EXISTING UTILITIES AS SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR TO FIELD VERIFY BOTH VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. ENGINEER ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITIES SHOWN INCORRECTLY OR OTHERWISE NOT SHOWN.



SCALE: 1" = 30'

NO WATER COMMITMENT IS IMPLIED OR GRANTED TO THIS PARCEL IN ASSOCIATION WITH THE APPROVAL OF THESE PLANS.

FUTURE CENTENNIAL AND TEE PEE UNIT 2
OWNER: GREYSTONE NEVADA LLC
APN: 125-30-601-007



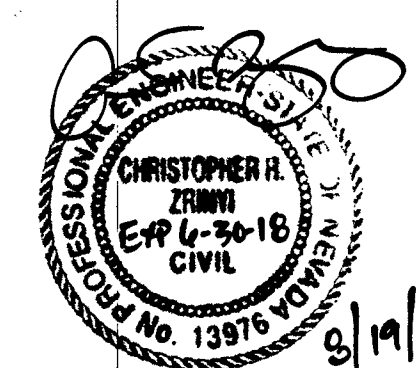
MATCHLINE SEE ABOVE RIGHT

MATCHLINE SEE BELOW LEFT

DATE	BY	APPD	DESCRIPTION
10/14/15	CRZ		DESIGNED BY
10/14/15	CRZ		CHECKED BY
10/14/15	CRZ		APPROVED BY
10/14/15	CRZ		PROJECT #

LENNAR
2090 PASEO VERDE PARKWAY SUITE 120 HENDERSON, NV 89074
PHONE: (702) 736-9100 FAX: (702) 736-9200
RCI Engineering
4325 Dean Martin Road, Suite 300, Las Vegas, NV 89103
PH702.453.0800 FAX702.453.0801

OFFSITE IMPROVEMENT PLANS FOR
**CENTENNIAL AND TEE PEE
BRIGHT ANGEL WAY OFFSITE SEWER FACILITIES**
UTILITY PLAN
CLARK COUNTY NEVADA



APPROVED FOR CONSTRUCTION
Christopher R. Zrinyi
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 10/27/15 PROJECT: 123716

CLARK COUNTY FIRE DEPARTMENT APPROVAL
E. Kaminski 10-20-15
DATE
APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR ANY APPROVAL OF, ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS.
APPROVAL BY THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LVWD.
4#58479
30741113

REPLACE ALL TRAFFIC CONTROL DEVICES (SIGNS OR PAVEMENT MARKINGS), UNDER CLARK COUNTY'S JURISDICTION, THAT ARE DISTURBED, DESTROYED, MOVED OR MODIFIED BY TRENCHING ACTIVITY TO CLARK COUNTY'S SATISFACTION. ALL MATERIAL SHALL MEET CLARK COUNTY'S SPECIFICATIONS OR WILL BE AN APPROVED EQUIVALENT.

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 OR 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. CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.

FAST

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

AVOID HITTING OVERHEAD
POWER LINES. IT'S COSTLY.

**CALL BEFORE
YOU DO
OVERHEAD**

1-702-227-2929

CITY OF LAS VEGAS BENCHMARK 6LV99 24SES
A RIVET AND PLATE IN THE TOP OF CURB AT THE NORTHWEST CORNER OF
CENTENNIAL PARKWAY AND HUALAPAI WAY.

ELEVATION=844.924 METERS (NAVD'88)
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SOUTH 89°47'00" EAST BEING THE BEARING OF THE NORTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 30, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA AS SHOWN BY MAP THEREOF ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN FILE 89, PAGE 3 OF SURVEYS.

21 INSTALL 48" STANDARD MANHOLE (PER DCSWCS SD. No. SD-1A, SD-4, SD-5 & SD-6)

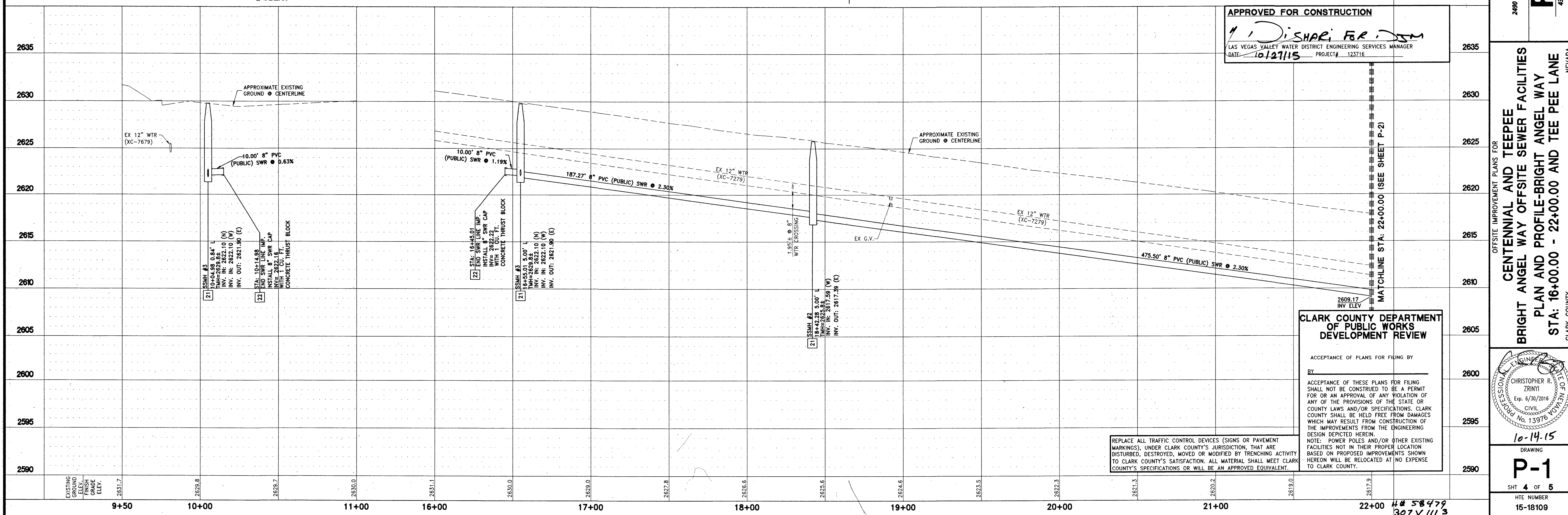
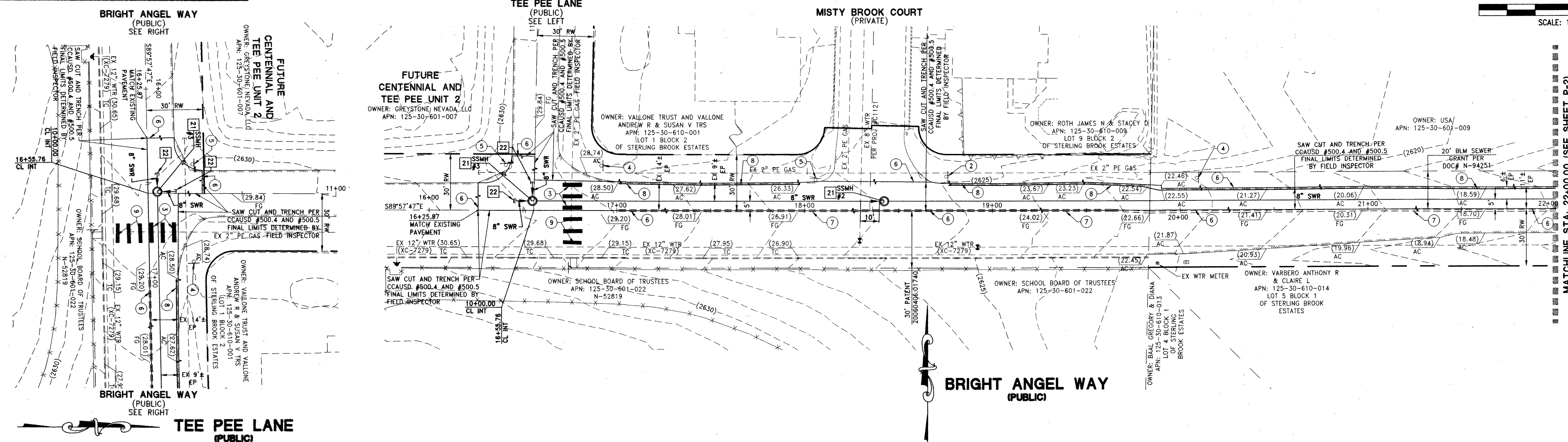
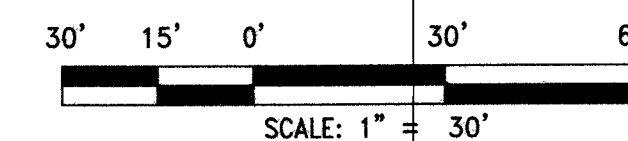
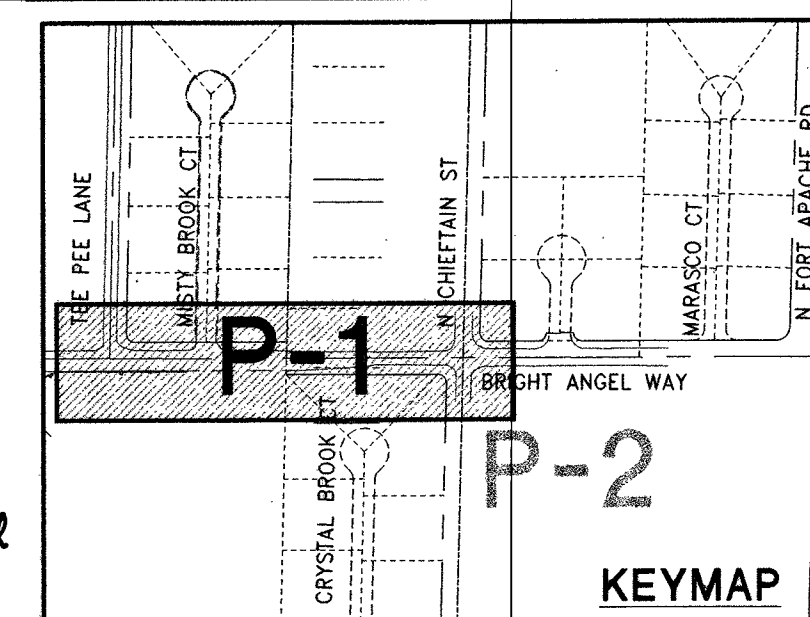
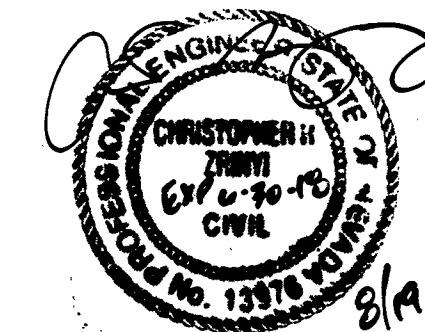
22 INSTALL 8" SEWER CAP AND 1 CU-FT THRUST BLOCK @ CAP

23 CORE INTO EXISTING MH BASE CONTRACTOR MAY CORE INTO EXISTING MANHOLE BASE ONLY IF RESULTING FLOW CHANNELS MEET ALL REQUIREMENTS OF THE DESIGN STANDARDS AS DETERMINED BY THE CITY OF LAS VEGAS INSPECTOR. OTHERWISE MANHOLE BASE WILL NEED TO BE REPLACED.

1. ALL SEWER/STORM DRAINS CROSSING WATERLINES MUST CONFORM TO SECTION 2.22 OF UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSING AND CLEARANCES.

1. EXISTING UTILITIES AS SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR TO FIELD VERIFY BOTH VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. ENGINEER ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITIES SHOWN INCORRECTLY OR OTHERWISE NOT SHOWN.

- 1 EXISTING PAINTED EDGELINE TO REMAIN
- 2 EXISTING SCHOOL SPEED LIMIT SIGN TO REMAIN
- 3 REPLACE CROSSWALK MARKINGS ALONG SAWCUT/TRENCH PER CCAUSD #500.4 & 500.5
- 4 EXISTING PEDESTRIANS AHEAD SIGN TO REMAIN
- 5 EXISTING STOP SIGN AND STREET NAME SIGN TO REMAIN
- 6 TRENCH BACKFILL AND A.C. PAVEMENT RESTORATION PER CCAUSD #500.4 & 500.5
- 7 INSTALL TYPE 1 CENTERLINE DELINEATION PER CCAUSD Mc. 244
- 8 INSTALL 4" WHITE EDGE LINE
- 9 CROSSWALK MARKINGS TO REMAIN
- 10 EXISTING TYPE 1 CENTERLINE DELINEATION



APPROVED FOR CONSTRUCTION

4 DISHARI FOR DSM
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 10/27/15 PROJECT: 123716

CLARK COUNTY DEPARTMENT
OF PUBLIC WORKS
DEVELOPMENT REVIEW

ACCEPTANCE OF PLANS FOR FILING B

ACCEPTANCE OF THESE PLANS FOR FILING

SHALL NOT BE CONSTRUED TO BE A PERMIT
FOR OR AN APPROVAL OF ANY VIOLATION OF

FOR OR AN APPROVAL OF ANY VIOLATION OF
ANY OF THE PROVISIONS OF THE STATE OR

COUNTY LAWS AND/OR SPECIFICATIONS. CLAR
COUNTY SHALL BE HELD FREE FROM DAMAGE.

WHICH MAY RESULT FROM CONSTRUCTION OF
THE IMPROVEMENTS FROM THE ENGINEERING

THE IMPROVEMENTS FROM THE ENGINEERING
DESIGN DEPICTED HEREIN.

NOTE: POWER POLES AND/OR OTHER EXISTING FACILITIES NOT IN THEIR PROPER LOCATION

BASED ON PROPOSED IMPROVEMENTS SHOWN
HEREON WILL BE RELOCATED AT NO EXPENSE

TO CLARK COUNTY.	
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6.1		
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2617

22+00 46 58.

307 V.

LENNAR®
PASO VERDE PARKWAY SUITE 120 HENDERSON, NV 89001

PHONE: (702) 736-9100 FAX: (702) 736-9200

Engineering

4325 Dean Martin Road, Suite 300, Las Vegas, NV 89103

OFFSITE IMPROVEMENT PLANS FOR
CENTENNIAL AND TEEPEE
BRIGHT ANGEL WAY OFFSITE SEWER FACILITIES
PLAN AND PROFILE-BRIGHT ANGEL WAY
STA: 16+00.00 - 22+00.00 AND TEE PEE LANE
NEWADA
CLAY COUNTY

DRAWING
P-1
SHT 4 OF 5
HTE NUMBER
15-18109

Clark County

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 OR 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. CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.

Call before you Dig
AVOID CUTTING UNDERGROUND
UTILITY LINES. IT'S COSTLY.



1-800-227-2600



Call before you Dig
AVOID HITTING OVERHEAD
POWER LINES. IT'S COSTLY.



1-702-432-5300

BENCHMARK

CITY OF LAS VEGAS BENCHMARK BLV99 245S
A RIVET AND PLATE IN THE TOP OF CURB AT THE NORTHWEST CORNER OF
CENTENNIAL PARKWAY AND HUALAPAI WAY.

ELEVATION=844.924 METERS (NAVD'88)
ELEVATION=2772.06 US SURVEY FEET (NAVD'88)

BASIS OF BEARINGS

SOUTH 89°47'00" EAST BEING THE BEARING OF THE NORTH LINE OF THE
NORTHWEST QUARTER (NW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF
SECTION 30, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY,
NEVADA AS SHOWN BY MAP THEREOF ON FILE IN THE CLARK COUNTY RECORDER'S
OFFICE IN FILE 89, PAGE 3 OF SURVEYS.

SEWER CONSTRUCTION NOTES

- 21) INSTALL 48" STANDARD MANHOLE (PER DCSWCS STD. No. 1) AND RIVET AND PLATE IN THE TOP OF CURB AT THE NORTHWEST CORNER OF CENTENNIAL PARKWAY AND HUALAPAI WAY.
- 22) INSTALL 8" SEWER CAP AND 1 CU-FT THRUST BLOCK @ CAP
- 23) CORE INTO EXISTING MH BASE CONTRACTOR MAY CORE INTO EXISTING MANHOLE BASE ONLY IF RESULTING FLOW CHANNELS MEET ALL REQUIREMENTS OF THE DESIGN STANDARDS AS DETERMINED BY THE CITY OF LAS VEGAS INSPECTOR. OTHERWISE MANHOLE BASE WILL NEED TO BE REPLACED.

NOTES:

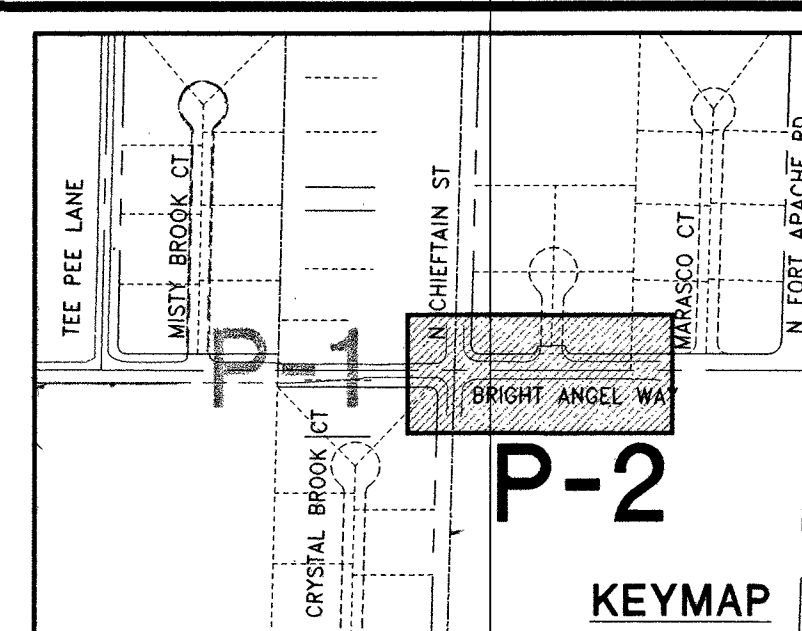
1. ALL SEWER/STORM DRAINS CROSSING WATERLINES MUST CONFORM TO SECTION 2.2.2 OF UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSING AND CLEARANCES.

EXISTING UTILITY NOTE:

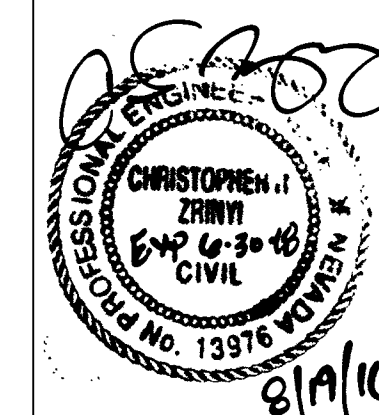
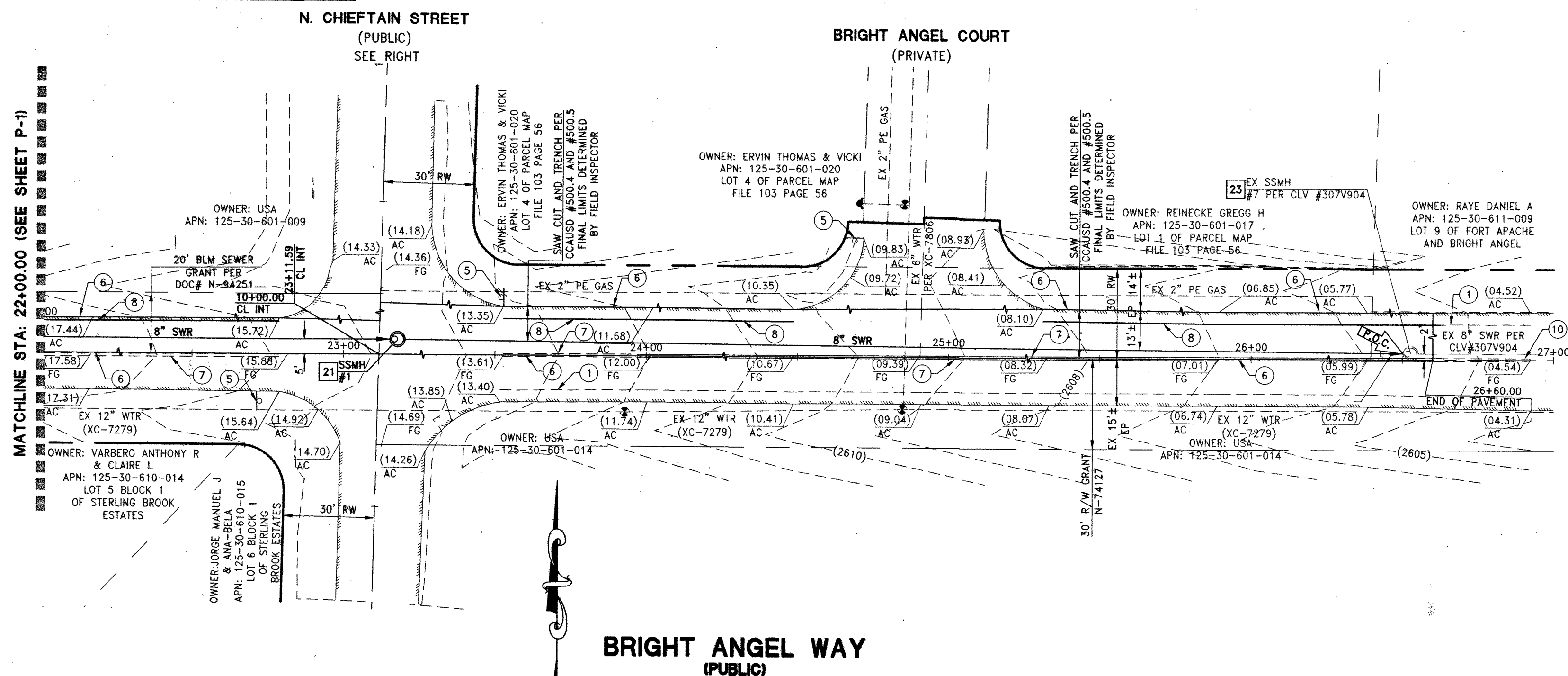
1. EXISTING UTILITIES AS SHOWN ARE FOR REFERENCE ONLY. CONTRACTOR TO FIELD VERIFY BOTH VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION. ENGINEER ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITIES SHOWN INCORRECTLY OR OTHERWISE NOT SHOWN.

CONSTRUCTION NOTES

1. EXISTING PAINTED EDGELINE TO REMAIN
2. EXISTING SCHOOL SPEED LIMIT SIGN TO REMAIN
3. REPLACE CROSSWALK MARKINGS ALONG SAWCUT/TRENCH AREA PER CCAUSD 254
4. EXISTING PEDESTRIANS AHEAD SIGN TO REMAIN
5. EXISTING STOP SIGN AND STREET NAME SIGN TO REMAIN
6. TRENCH BACKFILL AND A.C. PAVEMENT RESTORATION PER CCAUSD #500.4 & 500.5
7. INSTALL TYPE 1 CENTERLINE DELINEATION PER CCAUSD No. 244
8. INSTALL 4" WHITE EDGE LINE
9. CROSSWALK MARKINGS TO REMAIN
10. EXISTING TYPE 1 CENTERLINE DELINEATION

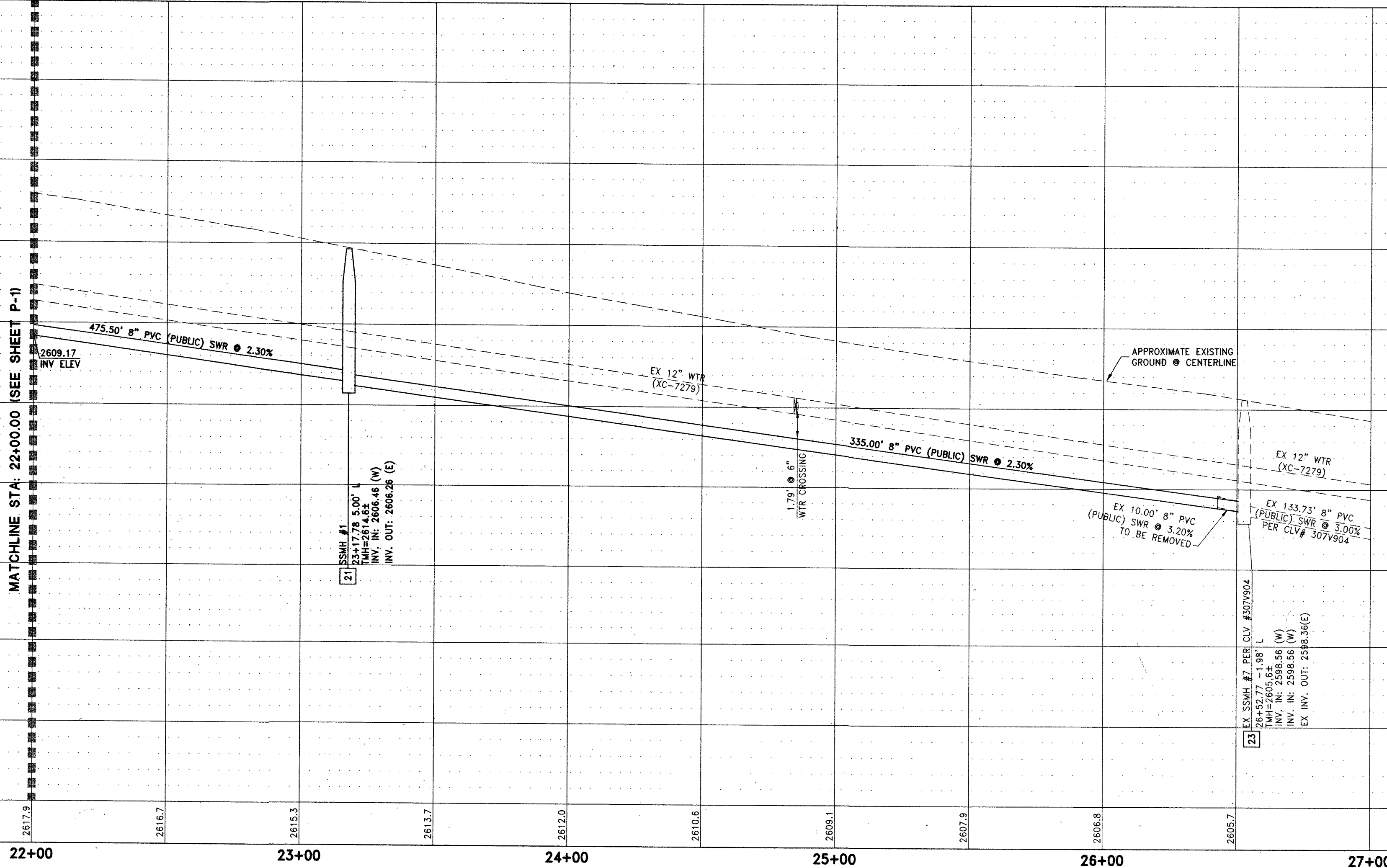


30' 15' 0' 30' 60'
SCALE: 1" = 30'



APPROVED FOR CONSTRUCTION

Christopher R. Zrnti
LAS VEGAS WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 10/27/15 PROJECT# 123716



CLARK COUNTY DEPARTMENT OF PUBLIC WORKS DEVELOPMENT REVIEW

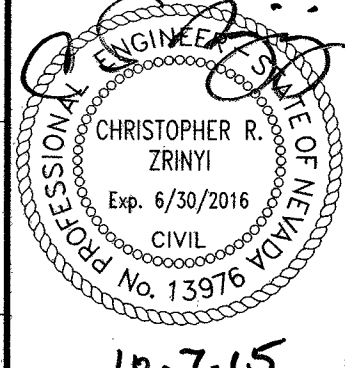
ACCEPTANCE OF PLANS FOR FILING BY

BY

ACCEPTANCE OF THESE PLANS FOR FILING SHALL NOT BE CONSTRUED TO BE A PERMIT FOR OR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS AND/OR SPECIFICATIONS. CLARK COUNTY SHALL BE HELD FREE FROM DAMAGES WHICH MAY RESULT FROM CONSTRUCTION OF THE IMPROVEMENTS FROM THE ENGINEERING DESIGN DEPICTED HEREIN.

NOTE: POWER POLES AND/OR OTHER EXISTING FACILITIES NOT IN THEIR PROPER LOCATION BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT NO EXPENSE TO CLARK COUNTY.

OFFSITE IMPROVEMENT PLANS FOR
CENTENNIAL AND TEEPEE
BRIGHT ANGEL WAY OFFSITE SEWER FACILITIES
PLAN AND PROFILE - BRIGHT ANGEL WAY
STA: 22+00.00 - 27+00.00
CLARK COUNTY
NEVADA



DRAWING
P-2
SHT 5 OF 5
HTE NUMBER
15-18109

H#58479
307/11/3