

LAS VEGAS CHARTER SCHOOL

SECTION 30, TOWNSHIP 20 SOUTH, RANGE 62 EAST, M.D.M., CLARK COUNTY, NEVADA.
900 & 920 N. LAMB BOULEVARD



VICINITY MAP

NTS

QUANTITIES

	PRIVATE	PUBLIC
ASPHALTIC CONCRETE	260 SY	
TYPE "A" CONCRETE CURB	810 LF	
ISLAND CURB	485 SF	
24" CONCRETE VALLEY GUTTER	35 LF	
4" CONCRETE SIDEWALK REPLACEMENT	122 SF	
TRENCH ASPHALTIC REPLACEMENT	300 SF	
TRAFFIC BEARING DRAINAGE GRATE	1 EA	
6" PVC (C900) WATERLINE	35 LF	
6"x6" TEE OR WET TAP	1 EA	
FIRE HYDRANT ASSEMBLY (UDACS PLATE 40)	1 EA	

SHEET TS1 TRAFFIC QUANTITIES

	PRIVATE	PUBLIC
TACK ON MEDIAN ISLAND		1395 SF
SCHOOL FLASHER POLES		4 EA
SIGNS		14 EA
PAVEMENT STRIPING		269 LF

THESE QUANTITIES ARE FOR PLANS CHECKING PURPOSES ONLY AND SHOULD NOT BE USED BY CONTRACTORS TO DETERMINE FINAL QUANTITIES.

APPROVALS

Allen Pavelka
ALLEN PAVELKA, P.E. #9029,
CITY ENGINEER
4-4-17
DATE

APPROVAL OF THESE PLANS IS LIMITED TO THOSE IMPROVEMENTS CONSTRUCTED IN THE DEDICATED RIGHTS OF WAY AND/OR DEDICATED EASEMENTS. THIS APPROVAL DOES NOT AUTHORIZE THE CONSTRUCTION OF ANY IMPROVEMENTS THAT DEVIATE FROM ADOPTED STANDARDS AND/OR SPECIFICATIONS, EXCEPT THOSE SPECIFICALLY LISTED UNDER "DEVIATIONS FROM STANDARDS". THE ENGINEER SHALL RESOLVE ANY DEVIATION OTHER THAN THOSE LISTED IN "DEVIATIONS FROM STANDARDS" IN FAVOR OF THE UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS CLARK COUNTY AREA.

Chris Knight
CHRIS KNIGHT, DIRECTOR, BUILDING AND SAFETY
THIS PLAN CONFORMS TO THE APPLICABLE STANDARDS OF THE PLANNING DEPARTMENT
4-3-17
DATE

K. Mikh
LAS VEGAS FIRE & RESCUE
3/29/17
DATE

Lisley A. Denu
CENTRAL TELEPHONE COMPANY
D/B/A CENTURYLINK
3/8/2017
DATE

THE AFFIXED CENTURY LINK APPROVAL DOES NOT ASSUME OR GUARANTEE LIABILITY FOR KNOWN OR UNKNOWN CONFLICTS WITH EXISTING OR PROPOSED IMPROVEMENTS. RESOLUTION OF ANY CONFLICT WILL BE ACCOMPLISHED PURSUANT TO LOCAL ORDINANCES, NEVADA REVISED STATUTES AND/OR PUBLIC UTILITY COMMISSION RULES AND REGULATIONS.

Barbara Garrison
NV ENERGY
3-8-17
DATE

NV ENERGY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS ASSOCIATED WITH THIS PROJECT. NV ENERGY RESERVES THE RIGHT TO ADDRESS ANY EXISTING OR FUTURE CONFLICTS ONCE THAT FINAL DESIGN IS COMPLETED. THE NEW SERVICE AND THE RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO THE NEVADA PUBLIC UTILITY COMMISSION'S RULES AND REGULATIONS.

[Signature]
SOUTHWEST GAS CORPORATION
3-13-17
DATE

[Signature]
COX COMMUNICATIONS, LAS VEGAS INC.
3-8-2017
DATE

SHEET INDEX

- C1: COVER SHEET
- C2: NOTE SHEET
- C3: GRADING/STRIPING PLAN
- C4: HORIZONTAL CONTROL/FIRE DEPARTMENT ACCESS PLAN
- C5: DETAIL SHEET
- TS1: SCHOOL FLASHER & SIGNAGE/STRIPING PLAN

OWNER/DEVELOPER

CHARTER SCHOOLS DEVELOPMENT CORPORATION
900 N. LAMB BOULEVARD
LAS VEGAS, NEVADA 89110

REV. DATE	BY	REV. DATE	BY

ANNE JOHNSON, AIA
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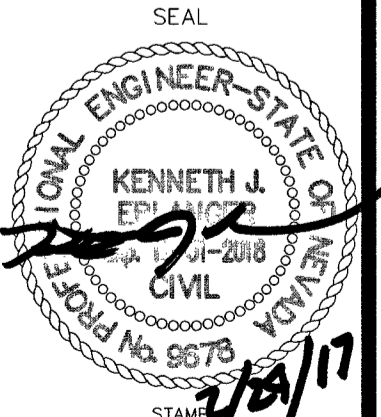
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COVER SHEET

LAS VEGAS CHARTER SCHOOL
900 & 920 N. LAMB BOULEVARD
APN 140-30-601-016

DRAWN BY:	KJE	2/24/17
DESIGNED BY:	KJE	2/24/17
CHECKED BY:	KJE	2/24/17
PROJECT NO.:	269.12	
FILE NAME:	CLV-68106-16.DWG	



SCALE	
HORIZONTAL:	NA
VERTICAL:	NA
SHEET	C1
1 OF 6 SHEETS	
CLV-DRAWING#	68106

**LAS VEGAS FIRE AND RESCUE
GENERAL NOTES FOR HYDRANTS AND ACCESS**

- ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE LAS VEGAS FIRE AND RESCUE ADOPTED FIRE CODE ORDINANCES #6325 FOR HYDRANT SPECIFICATIONS AND HYDRANT INSTALLATION SPECIFICATIONS.
- ONLY FIRE HYDRANTS THAT ARE ON THE LAS VEGAS VALLEY WATER DISTRICTS - APPROVED PRODUCT LIST ARE ALLOWED TO BE INSTALLED.
- 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 105.7.12
- 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 AND 3312.
- 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
- 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 TEST WITH PRIOR FIRE PREVENTION APPROVAL. IFC 106.3.
- 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.
- 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.
- PRIVATE HYDRANTS SHALL BE PAINTED RED. IFC 507.5.7.1
- 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.
- FIRE HYDRANT SPACING SHALL BE AS FOLLOWS: IFC C102
RESIDENTIAL - 500 FT UNSPRINKLERED; 600 FT SPRINKLERED.
COMMERCIAL - 300 FT UNSPRINKLERED; 400 FT SPRINKLERED.
- 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.
- 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.
- NO FIRE HYDRANTS SHALL BE LOCATED WITHIN 6 FT OF ANY CURB RETURN, DRIVEWAY, POWER POLE, STREETLIGHT OR ANY OTHER OBSTRUCTION. IFC C102.12
- 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 102.4
- 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
- THE MAXIMUM DISTANCE FROM A HYDRANT TO THE END OF A DEAD-END STREET SHALL NOT EXCEED 200 FT. IFC C102.6
- TWO (2) SOURCES OF SUPPLY ARE REQUIRED WHENEVER THERE IS 4 OR MORE FIRE HYDRANTS/SPRINKLER LEAD-INS ARE INSTALLED ON A SINGLE SYSTEM. SECTIONAL CONTROL VALVES SHALL BE INSTALLED SO THAT NO MORE THAN 2 FIRE HYDRANTS CAN BE OUT OF SERVICE DUE TO A BREAK IN A WATER MAIN. IFC C104.
- ALL FIRE APPARATUS ACCESS ROAD SHALL BE PAVED TO PROVIDE ALL-WEATHER DRIVING CAPABILITIES, AND SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOAD OF THE FIRE APPARATUS. IFC 503.2.3
- 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 FIRE APPARATUS ACCESS TO THE STRUCTURES GRADIENT SHALL NOT EXCEED 6%. IFC 503.2.7; 503.2.8
- VERTICAL CLEARANCE OF ALL FIRE APPARATUS ACCESS ROADS SHALL NOT BE LESS THAN 13 FT 6 INS. IFC 503.2.1.1
- FIRE DEPARTMENT ACCESS ROADS SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF NOT LESS THAN 40 FT FLOW LINE TO FLOW LINE WITH PARALLEL PARKING PERMITTED ON BOTH SIDES, NOT LESS THAN 32 FT FLOW LINE TO FLOW LINE WHERE PARKING IS PERMITTED ONLY ON ONE SIDE OF THE FIRE APPARATUS ACCESS ROAD, NOT LESS THAN 24 FT WIDE, FLOW LINE TO FLOW LINE, WHERE NO PARKING IS PERMITTED ON EITHER SIDE. FIRE LANES THROUGH PARKING LOTS SHALL BE NOT LESS THAN 24 FT. IFC 503.2.1.1.
- 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. THIS DISTANCE COULD BE INCREASED TO 250 FT IF THE BUILDING IS SPRINKLERED. IFC 503.1.1.
- APPROVED SECONDARY FIRE APPARATUS ACCESS SHALL BE PROVIDED FOR 100 OR MORE DWELLING UNITS, ROAD(S) WITH DEAD-ENDS OR WITH A SINGLE POINT OF ACCESS IN EXCESS OF 600 FT, COMMERCIAL AND INDUSTRIAL DEVELOPMENTS WHERE BUILDINGS EXCEED 2 STORIES OR 30 FEET IN HEIGHT, OR EXCEEDING 82,000 SQUARE FEET IN AREA. IFC 503.1.2.
- ALL DEAD-END FIRE APPARATUS ROADS AND/OR FIRE LINES, 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. IFC 503.2.5.
- 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 LANES. 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
- ELECTRICALLY CONTROLLED ACCESS GATES SHALL BE PROVIDED WITH AN APPROVED EMERGENCY VEHICLE DETECTOR/RECEIVER SYSTEM. SAID SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE IFC 503.6 AND IFC APPENDIX M.

EFFECTIVE DATE: MARCH 1ST, 2016.

CLV SEWER NOTES

- 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 OFFSITE 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.
- 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.
- CHISEL "S" OR "C" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.
- POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, INSTALLED WITH SAND BEDDING AND BACKFILL OF TYPE II AGGREGATE BASE.
- ALL MANHOLES PAVED IN STREETS EIGHTY (80') RIGHT-OF-WAY 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.
- 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.
- WATER MAINS SHALL BE PROTECTED IN ACCORDANCE WITH LVVWD STANDARDS WHENEVER A SEWER MAIN CROSSES OVER A WATER MAIN OR THE SEWER IS LESS THAN EIGHTEEN INCHES (18") UNDER A WATER MAIN.
- 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.
- 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.
- INSTALLATION OF CURVED SEWER REQUIRES THE USE OF C-900 PVC PIPE WHICH ALLOWS FOR PIPE DEFLECTION AT THE JOINTS.

CLV GRADING NOTES

- 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.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS WITHIN THE LIMITS OF THIS PROJECT AND THE RELATED OFF-SITE WORK, SO AS TO GENERATE THE DESIRED SUBGRADE, FINISH GRADES AND SLOPES SHOWN.
- CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ALL EXCAVATION. ADEQUATE SHORING SHALL BE DESIGNED AND PROVIDED BY THE CONTRACTOR TO PREVENT UNDERMINING OF ANY ADJACENT FEATURES OR FACILITIES AND/OR CAVING OF THE EXCAVATION.
- 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.
- THE GRADING CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE OWNER TO PROVIDE FOR THE REQUIREMENTS OF THE PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND ASSOCIATED PERMIT.
- CONTRACTOR SHALL GRADO 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
- CONTRACTOR TESTING WILL BE PERFORMED BY THE OWNER OR HIS REPRESENTATIVE.
- ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.
- 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.
- 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.
- IN THE EVENT THAT ANY TEMPORARY CONSTRUCTION ITEM IS REQUIRED THAT IS NOT SHOWN ON THESE DRAWINGS, THE OWNER AGREES TO PROVIDE AND INSTALL SUCH ITEM AT HIS OWN EXPENSE AND AT THE DIRECTION OF THE CITY ENGINEER. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMS, ROAD SIGNS AND BARRICADES, ETC.

CLV STREETLIGHT NOTES

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

LEGEND

	EXISTING CONTOURS
	PROPOSED CONTOURS
	PROPOSED GRADE
	EXISTING GRADE
	PROPOSED SANITARY SEWER LINE
	EXISTING SANITARY SEWER LINE
	PROPOSED WATER LINE
	EXISTING WATER LINE
	PROPOSED FIRE SPRINKLER LINE
	EXISTING GAS LINE
	EXIST./PROP. EDGE OF ASPHALT
	PROPERTY/RIGHT-OF-WAY LINE
	CENTERLINE
	EXIST./PROP. BLOCK WALL
	EX. OVERHEAD POWER/TELEPHONE
	SAWCUT LINE
	EXIST./PROP. SANITARY SEWER MANHOLE
	EXIST./PROP. 100W HPS STREETLIGHT
	EXIST./PROP. 150W HPS STREETLIGHT
	EXIST./PROP. 250W HPS STREETLIGHT
	HANDICAPPED SYMBOL
	EXIST./PROP. FIRE HYDRANT
	EXIST./PROP. GATE VALVE
	EXIST./PROP. REDUCING VALVE
	EXIST./PROP. CLEANOUT
	PROPOSED ASPHALT
	PROPOSED CONCRETE

ABBREVIATIONS

AC.....	ASPHALTIC CONCRETE
BCR.....	BEGINNING OF CURB RETURN
BSW.....	BACK OF SIDEWALK
CC.....	CLARK COUNTY
CLV.....	CITY OF LAS VEGAS
CNVL.....	CITY OF NORTH LAS VEGAS
COH.....	CITY OF HENDERSON
CL.....	CENTERLINE
CL.....	SEWER CLEANOUT
CONC.....	CONCRETE
EAC.....	EXISTING ASPHALTIC CONCRETE
ECR.....	END OF CURB RETURN
EP.....	EDGE OF PAVEMENT
ETC.....	EXISTING TOP OF CURB
EX.....	EXISTING
FF.....	FINISHED FLOOR
FL.....	FLOWLINE
GB.....	GRADE BREAK
HP.....	HIGH POINT
IE.....	INVERT ELEVATION
LVVWD.....	LAS VEGAS VALLEY WATER DISTRICT
NTS.....	NOT TO SCALE
OH.....	EXISTING OVERHEAD POWER
PE.....	PAD ELEVATION
PL.....	PROPERTY LINE
PP.....	POWER POLE
SD.....	STORM DRAIN LINE
SF.....	SQUARE FEET
SL.....	STREET LIGHT
SS.....	SANITARY SEWERLINE
STA.....	STATION
SW.....	SIDEWALK
TC.....	TOP OF CURB
TP.....	TYPICAL
VG.....	VALLEY GUTTER
WL.....	WATERLINE
WM.....	WATER METER

LVVWD STANDARD NOTES

- LVVWD PROJECT # _____ NA _____
- NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN APPROVED FOR CONSTRUCTION BY THE LVVWD. FOLLOWING WATER PLAN APPROVAL, NOTICE SHALL BE GIVEN TO THE LVVWD COMMUNICATION SUPPORT CENTER (258-7171) TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION. FOR FUTURE INSPECTIONS, NOTICE MUST BE GIVEN BY 2:00 P.M. THE BUSINESS DAY PRIOR TO THE REQUESTED LVVWD INSPECTION. WHEN REQUESTING INSPECTIONS, PLEASE REFER TO THE PROJECT # IDENTIFIED ABOVE.
 - ALL WORK SHALL CONFORM TO LVVWD STANDARD PLANS, 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.
 - ALL WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2 ABOVE, SHALL BE DONE IN ACCORDANCE WITH THE MOST RECENT DRAFT OWNED IF NOT OWNED UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENT, CLARK COUNTY AREA.
 - A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVWD.
 - ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING WITH LVVWD APPROVED SERVICE SADDLES.
 - ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
 - ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY AND CURB GUTTERS.
 - ALL WATER AND STORM DRAIN OR SANITARY SEWER CROSSINGS SHALL CONFORM TO SECTION 2.22 OF THE 2010 EDITION OF THE UDACS.
 - 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.
 - 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.
 - ANY INTERRUPTION OF SERVICE MUST BE PERFORMED IN ACCORDANCE WITH UDACS SECTION 3.14.01 AND APPROVED BY THE LVVWD INSPECTION DIVISION PRIOR TO SHUT DOWN. PROPER WRITTEN NOTIFICATION MUST BE GIVEN TO ALL AFFECTED CUSTOMERS.
 - 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.
 - TELEPHONE "CALL BEFORE YOU DIG" AT "811" OR 1-800-227-2600.
 - THE INSTALLATION OF LAS VEGAS VALLEY WATER DISTRICT (LVVWD) MUNICIPAL WATER FACILITIES WITHIN ALL STREETS IS ASSUMED TO BE IN COMPLIANCE WITH THE UNIFORM STANDARDS, INCLUDING THE PLACEMENT OF ASPHALT PAVING STREET SURFACES. ANY REPAIR WORK DONE BY THE LVVWD TO THE MUNICIPAL WATER FACILITIES WILL INCLUDE THE PLACEMENT OF AN APPROPRIATELY SIZED ASPHALT REPAIR PATCH ON THE STREET SURFACE.
 - ANY DECORATIVE PAVING SURFACE WITHIN THE STREET IS THE RESPONSIBILITY OF THE OWNER. THE ASSOCIATION OF HOMEOWNERS AND HOMEOWNERS ASSOCIATION OF THE CITY OF LAS VEGAS IS IN EXISTENCE, OR THE AGENCY HAVING JURISDICTION, DECORATIVE SURFACE MATERIALS PLACED WITHIN THE TEN FOOT EASEMENT ABUTTING A PUBLIC OR PRIVATE STREET, IF DISTURBED BY THE LVVWD DURING THE REPAIR OR OPERATION OF ITS FACILITIES, WILL BE REPLACED BY LVVWD WITH AN APPROPRIATELY SIZED PLAIN FINISH CONCRETE PATCH. THE LVVWD WILL NOT RESTORE, AND WILL NOT BE RESPONSIBLE FOR THE RESTORATION OF, ANY DECORATIVE PAVING SURFACE WITHIN THE STREET. THE LVVWD WILL NOT ATTEMPT TO MATCH COLOR OR FINISH OF ANY ADJACENT MATERIALS.
- CLV TRAFFIC NOTES**
- ALL CONSTRUCTION SIGNING, BARRICAADING, AND TRAFFIC DELINEATION SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION.
 - THE STREET SIGN CONTRACTOR SHALL OBTAIN STREET NAMES AND BLOCK NUMBERING FROM THE PLANNING DEPARTMENT PRIOR TO CONSTRUCTION.
 - BEFORE ANY WORK IS STARTED IN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS FOR THE CONSTRUCTION ZONES. THE CONTRACTOR SHALL INSTALL ALL TEMPORARY STOP SIGNS AT ALL NEW STREET ENCROACHMENTS INTO EXISTING CITY STREETS WHERE WARRANTED IMMEDIATELY AFTER FIRST GRADING WORK IS ACCOMPLISHED, AND SHALL MAINTAIN SAID SIGNS UNTIL PERMANENT SIGNS ARE INSTALLED.
 - WHEN A DESIGNATED "SAFE ROUTE TO SCHOOL" IS ENCLOSED 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.
 - 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.
 - 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 VIB & REFLECTIVE SHEETING OR APPROVED EQUAL. ALL NEW TRAFFIC SIGNS, EXCEPT STREETNAME AND SCHOOL SPEED LIMIT SIGNS, SHALL HAVE 3M SERIES 1160 OR APPROVED EQUIVALENT ANTI-GRAFFITI PROTECTIVE OVERLAY FILM; SCHOOL ZONE SIGNS SHALL HAVE 3M SERIES 1150 ANTI-GRAFFITI PROTECTIVE OVERLAY FILM. STREET NAME SIGNS SHALL CONFORM WITH THEIR CURRENT CITY STANDARD. 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.
 - 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.
 - 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.
 - STREET SIGNS AND STOP SIGNS SHALL BE INSTALLED PER CITY STANDARD SPECIFICATIONS FOR PLACEMENT OF STREET NAME SIGNS.
 - THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TRAFFIC CONTROL DEVICES AND FLAGGERS TO INSURE THE SAFETY OF THE PUBLIC IN OR AROUND THE WORK AREA. THE CONTRACTOR SHALL HAVE A CERTIFIED TRAFFIC CONTROL TECHNICIAN OR OMSA WORK ZONE SAFETY SPECIALIST SET-UP, MAINTAIN AND/OR REMOVE ALL TRAFFIC CONTROL DEVICES IN THE CITY OF LAS VEGAS RIGHTS OF WAY.
 - 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.
 - 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.
 - GUARDS SHALL BE OBTAINED BY CONTACTING THE METROPOLITAN POLICE DEPARTMENT SPECIAL EVENTS UNIT (PHONE NO. IS 828-3442) WHO WILL PROVIDE OFFICERS PROPERLY TRAINED IN TRAFFIC CONTROL. FEES FOR USE OF THESE OFFICERS SHALL BE SET UP BY METRO AND WILL BE PAID BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR ALL ARRANGEMENTS WITH METRO.
 - ANY WORK WITHIN 300' OF A SIGNALIZED INTERSECTION WILL BE NIGHT WORK, UNLESS DIRECTED BY THE CITY OF LAS VEGAS TRAFFIC ENGINEER.
 - CONTRACTOR SHALL CONTACT THE TRAFFIC ENGINEERING DIVISION (TRANSPORTATION SECTION) THROUGH THE PROJECT'S OFFSITE INSPECTOR PRIOR TO INITIATING PAVING TO RECEIVE DIRECTION FOR ANY PERMANENT OR TEMPORARY MODIFICATIONS TO THE APPROVED DRAWINGS REGARDING FINAL PAVEMENT TRANSITIONS, MARKINGS AND SIGNING THAT ARE REQUIRED TO MATCH ADJACENT ROADWAY SEGMENTS. THE CONTRACTOR SHALL PROVIDE A DRAWING FOR APPROVAL BY THE TRAFFIC ENGINEERING DIVISION DEPICTING ANY ADJUSTMENTS TO THE FINAL PAVEMENT MARKINGS AND SIGNAGE, WHICH MAY INCLUDE OMITTING, ADDING OR MODIFYING PAVEMENT MARKINGS AND TRAFFIC CONTROL SIGNS SUCH THAT ADEQUATE TRANSITIONS AND LANE TERMINATIONS BETWEEN ADJACENT ROADWAY SEGMENTS ARE CONSTRUCTED.

CLV GENERAL NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA", LATEST ISSUE, THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST REVISED EDITION; THE "SUMMERLIN IMPROVEMENT STANDARDS" FOR WORK IN THE SUMMERLIN AREA; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; THE UNIFORM BUILDING CODE; AND ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE, EXCEPT AS NOTED ON THIS SHEET AS "DEVIATIONS FROM STANDARDS".
 - THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. EXISTING UTILITIES AS SHOWN FROM CLV PLANS LIBRARY ARE APPROXIMATE AND FOR RECORD PURPOSES. EXISTING UTILITIES ARE LOCATED ON PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCE WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COSTS AND LIABILITY IN CONNECTION THEREWITH.
 - 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.
 - ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
 - 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 USE ON THE PROJECT.
 - PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT OF WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.
 - EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 300' IN EXTRUDED-TYPE CURB.
 - AC PAVEMENT TO BE ONE-HALF INCH (1/2") ABOVE LIP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT SIDEWALK RAMPS AND CROSS GUTTERS.
 - CURB AND GUTTER FOUND UNACCEPTABLE TO THE CITY OF LAS VEGAS SHALL BE REMOVED AND REPLACED PER STANDARD DWG. 216.
 - 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.
 - 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.
 - ALL GRADING WORK SHALL CONFORM TO THE SOILS REPORT E-1003-5, DATED SEPTEMBER 20, 1984 AND UPDATED WITH AN APPLICABILITY OF GEOTECHNICAL EXPLORATION REPORT AS PREPARED BY NOVIA GEOTECHNICAL AND SIGNED BY LARRY W. SNEDEGAR ON AUGUST 8, 2012. APPROVED BY THE CITY ENGINEER, AND AS SHOWN ON THESE PLANS.
 - EXACT LOCATION OF ALL SAWCUT LINES MAY BE ADJUSTED OR DETERMINED IN THE FIELD BY A CITY OF LAS VEGAS ENGINEER IF LOCATION IS NOT CLEARLY SHOWN, OR EXISTING PAVEMENT CONDITION REQUIRES RELOCATIONS.
 - 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 NO. 625.380 & CITY OF LAS VEGAS TITLE 18, APPENDIX D.
 - UTILITY COMPANY METER BOXES, MANHOLE LIDS, VALVE COVERS, ETC., SHALL BE LOCATED OUT OF DRIVEWAYS, DRIVEWAY APRONS, FLOWLINES, AND CROSS GUTTERS UNLESS WRITTEN APPROVAL IS GRANTED BY THE UTILITY COMPANY AND THE CITY ENGINEER.
- WALL NOTES:
- ALL WALLS, NEW OR EXISTING, ARE ONLY SHOWN ON CIVIL PLANS FOR THE PURPOSE OF REVIEWING GRADING RELATIONSHIPS; FLOOD CONTROL AND SIGHT DISTANCE AT INTERSECTIONS. NEW WALLS REQUIRE A SEPARATE PERMIT AND INSPECTION BY THE BUILDING DEPARTMENT.
 - ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT WITHIN CITY RIGHT OF WAY.
 - CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING INLETS, VALVE BOXES, MANHOLE RIMS, AND SEWER CLEAN OUTS, ETC. TO FINISH GRADE AS APPLICABLE WHETHER OR NOT THEY ARE SHOWN ON THE PLANS.
 - 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.
 - WHEN INSTALLING UNDERGROUND FACILITIES THAT REQUIRE UNDERGROUND LOCATING DEVICES SUCH AS MARKER BALLS, LOCATING RIBBON, ETC., THE CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION TO OFFSITE INSPECTION AND TESTING CERTIFYING THAT ALL DEVICES HAVE BEEN PLACED AND VERIFIED TO BE IN GOOD WORKING CONDITION PRIOR TO THE CONSTRUCTION OF ANY ROAD BASE.
 - SANITARY SEWER AND STORM DRAIN FINAL LOCATION MAP(S) SHALL BE PROVIDED TO THE CITY AND APPROVED PRIOR TO ACCEPTANCE OF FACILITY VIDEO INSPECTION. THE MAP(S) SHALL INCLUDE THE HORIZONTAL AND VERTICAL (INVERT) LOCATION OF PUBLIC SEWER MANHOLES, STORM DRAIN MANHOLES, AND TRANSITION STRUCTURES, STORM DRAIN LATERALS AT THE CONNECTION TO THE STORM DRAIN MAIN AND AT THE CONNECTION TO A DROP INLET. THE CONNECTION OF SEWER SERVICE LATERALS TO THE SEWER MAIN AND WHERE THE SEWER SERVICE LATERALS EXIT THE PUBLIC RIGHT-OF-WAY, AND STORM DRAIN MAIN ALIGNMENT, INCLUDING DEFLECTION POINTS. THE LOCATION SHALL BE DESCRIBED BY COORDINATES WHICH SHALL BE BASED ON THE OFFICIAL HORIZONTAL AND VERTICAL CONTROL NETWORKS OF THE CITY OF LAS VEGAS. FINAL LOCATION MAPS MUST BE SEALED AND CERTIFIED BY A NEVADA PROFESSIONAL LAND SURVEYOR TO HAVE POSITIONAL CERTAINTIES OF +/-0.09 METER (+/-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).
 - 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 MASTERWATER COLLECTION SYSTEMS LATEST EDITION.
 - A SEPARATE BORING PERMIT IS REQUIRED FOR ALL BORING ACTIVITIES.

REVISED 02/03/15

DEVIATIONS FROM STANDARDS

NONE

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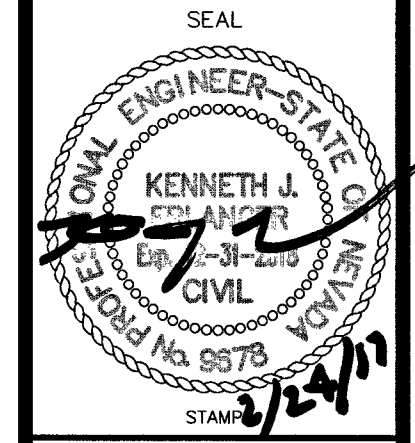
NOTES SHEET

SHEET

DRAWN BY: KJE
DESIGNED BY: KJE
CHECKED BY: KJE
PROJECT NO.: 2899.12

2/24/17
2/24/17
2/24/17

TITLE
FILE NAME: _NOTES-2899-12.DWG.



HORIZONTAL: NA
VERTICAL: NA
SCALE
SHEET C2
2 OF 6 SHEETS
CLV-DRAWING# 68106

I CERTIFY THAT THE GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY (D54851A) ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT.

KENNETH J. ERLANGER
LICENSED CIVIL ENGINEER NO. 009678 DATE

BENCHMARK

CITY OF LAS VEGAS BENCHMARK 7LV0230E4
RIVET AND ROUND PLATE IN THE TOP OF CURB NEAR THE SOUTHWEST CORNER OF WASHINGTON AVENUE AND LAMB BOULEVARD.
ELEVATION = 1785.41 FEET (NAVD 88)

BASIS OF BEARING

NORTH 89°39'10" WEST, BEING THE SOUTH LINE OF THE NORTHEAST QUARTER OF SECTION 30, TOWNSHIP 20 SOUTH, RANGE 62 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN ON PARCEL MAP RECORDED IN FILE 35, PAGE 73, CLARK COUNTY, NEVADA OFFICIAL RECORDS.

FLOOD ZONE INFORMATION

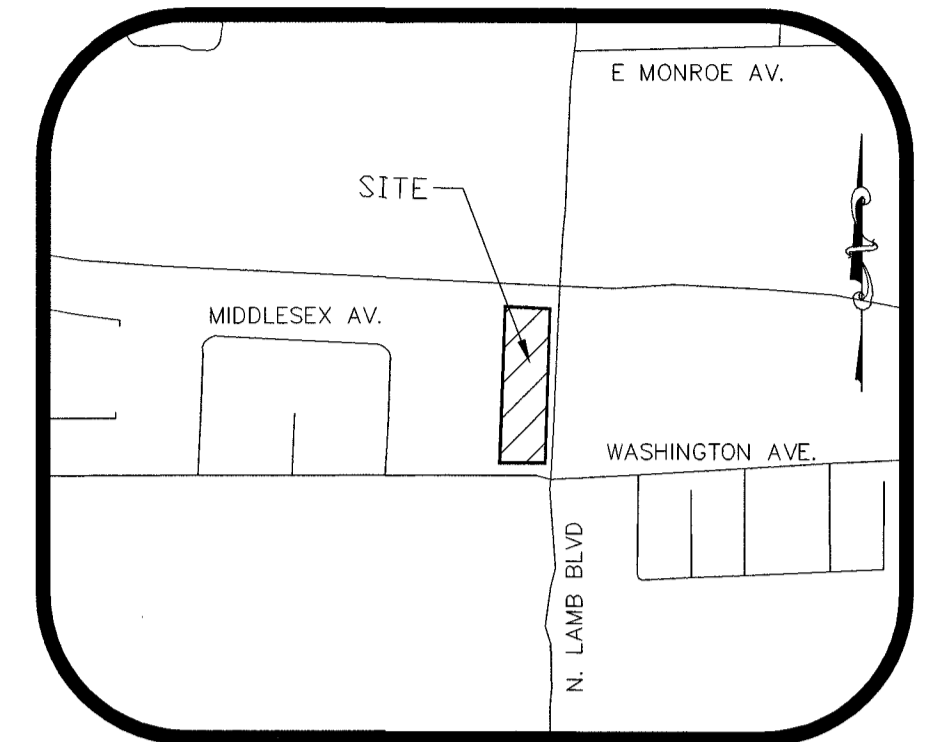
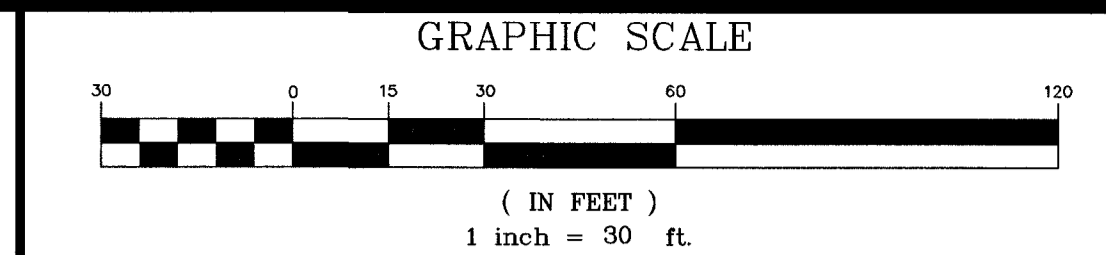
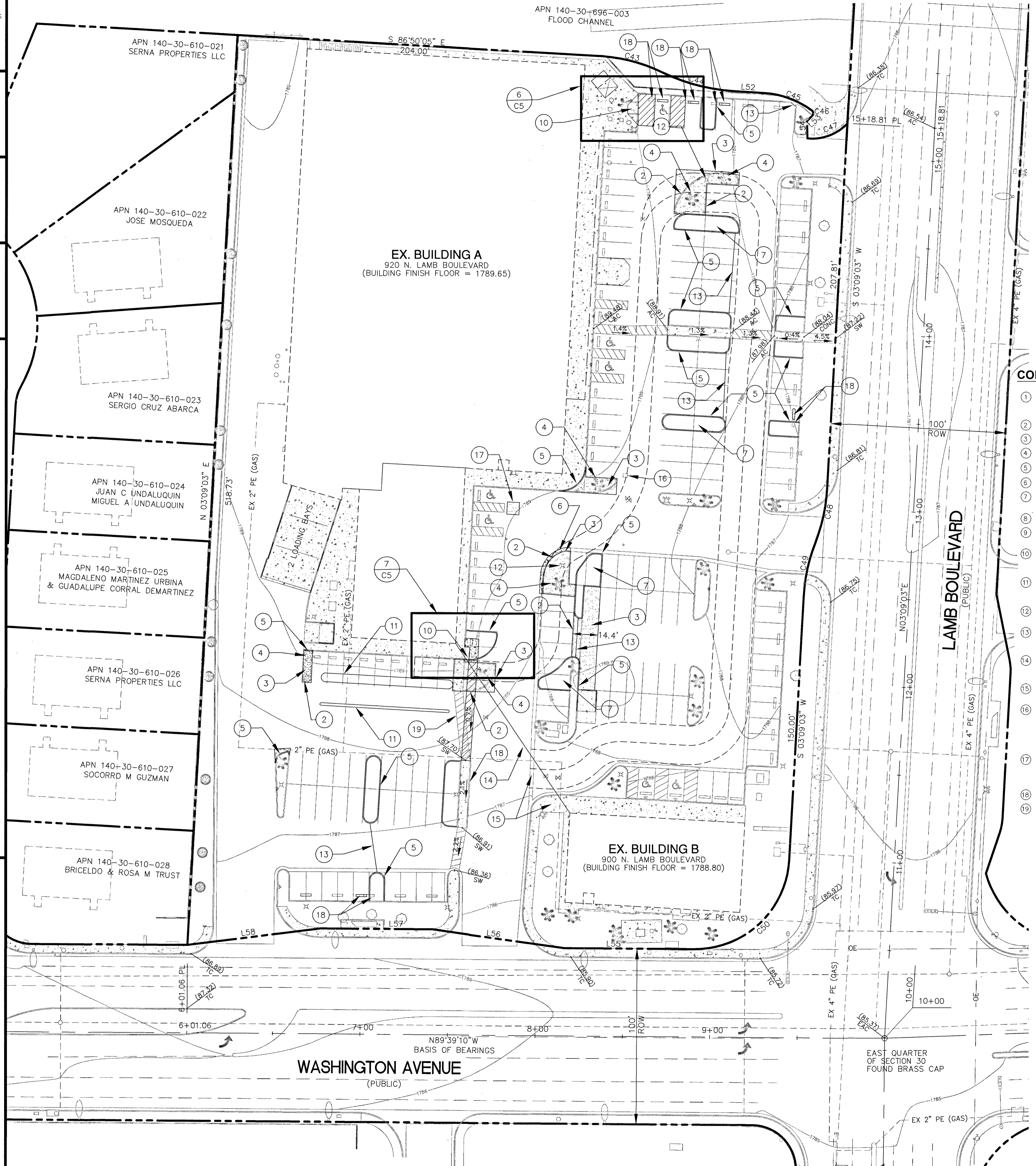
THE SUBJECT PROPERTY IS LOCATED IN A ZONE X, WHICH Delineates AN AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN PER FEMA FIRM MAP PANEL 32003C2145F, DATED NOVEMBER 16, 2011.

LEGEND

- 2263 EXISTING 1' CONTOURS
- 2265 EXISTING 5' CONTOURS
- 36.66 PROPOSED GRADE
- (63.33) EXISTING GRADE
- SS PROPOSED SANITARY SEWER LINE
- SS EXISTING SANITARY SEWER LINE
- WL PROPOSED WATER LINE
- WL EXISTING WATER LINE
- WL PROPOSED FIRE SPRINKLER LINE
- WL EXISTING GAS LINE
- GAS EXISTING GAS LINE
- EXIST./PROP. EDGE OF ASPHALT
- PROPERTY/RIGHT-OF-WAY LINE
- CENTERLINE
- EXIST./PROP. BLOCK WALL
- EX. OVERHEAD POWER/TELEPHONE
- SAWCUT LINE
- EXIST./PROP. SANITARY SEWER MANHOLE
- EXIST./PROP. 100W HPS STREETLIGHT
- EXIST./PROP. 150W HPS STREETLIGHT
- EXIST./PROP. 250W HPS STREETLIGHT
- HANDICAPPED SYMBOL
- EXIST./PROP. FIRE HYDRANT
- EXIST./PROP. GATE VALVE
- EXIST./PROP. REDUCING VALVE
- EXIST./PROP. CLEANOUT
- PROPOSED CONCRETE

ABBREVIATIONS

- AC..... ASPHALTIC CONCRETE
- BCR..... BEGINNING OF CURB RETURN
- BSW..... BACK OF SIDEWALK
- BVC..... BEGIN VERTICAL CURVE
- CC..... CLARK COUNTY
- CLV..... CITY OF LAS VEGAS
- COH..... CITY OF HENDERSON
- CL..... CENTERLINE
- CO..... SEWER CLEANOUT
- CONC..... CONCRETE
- EAC..... EXISTING ASPHALTIC CONCRETE
- EOR..... END OF CURB RETURN
- EG..... EXISTING GRADE
- EP..... EDGE OF PAVEMENT
- EX..... EXISTING
- FF..... FINISHED FLOOR
- FL..... FLOWLINE
- GB..... GRADE BREAK
- HP..... HIGH POINT
- IE..... INVERT ELEVATION
- L.V.W.D..... LAS VEGAS VALLEY WATER DISTRICT
- NTS..... NOT TO SCALE
- OH..... EXISTING OVERHEAD POWER
- PE..... PAD ELEVATION
- PL..... PROPERTY LINE
- PP..... POWER POLE
- SD..... STORM DRAIN LINE
- SF..... SQUARE FEET
- SL..... STREET LIGHT
- SNWA..... SOUTHERN NEVADA WATER AUTHORITY
- SS..... SANITARY SEWERLINE
- STA..... STATION
- SW..... SIDEWALK
- TC..... TOP OF CURB
- TF..... TOP OF FOOTING
- TW..... TOP OF WALL
- VC..... VERTICAL CURVE
- VG..... VALLEY GUTTER
- WL..... WATERLINE
- WM..... WATER METER



VICINITY MAP
NOT TO SCALE
SEC. 30, T 20 S, R 62 E

CONSTRUCTION NOTES

- 1 LOCATION OF UNDERGROUND UTILITIES ON THE DRAWINGS WERE OBTAINED BY A PROVIDED FIELD SURVEY. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR IN THE LOCATION SHOWN ON THE DRAWINGS.
- 2 REMOVE EXISTING CURBING AROUND LANDSCAPE AREA.
- 3 INSTALL ASPHALTIC CONCRETE TO MATCH THE EXISTING ASPHALT SECTION.
- 4 EXISTING TREES TO BE REMOVED OR RELOCATED PER LANDSCAPE PLANS.
- 5 INSTALL TYPE "A" CURB PER DETAIL AS SHOWN ON SHEET C5.
- 6 INSTALL 24" WIDE GUTTER PER DETAIL AS SHOWN ON SHEET C5.
- 7 REMOVE EXISTING CONCRETE PAVING UNDER PROPOSED LANDSCAPE ISLANDS (TYPICAL).
- 8 ADD 1700 FEET TO ELEVATION OF SPOT ELEVATIONS.
- 9 EXISTING ACCESSIBILITY ROUTE PATH WITH A MAXIMUM 5% SLOPE IN DIRECTION OF PATH, MAXIMUM 2% CROSS SLOPE (TYP.).
- 10 REMOVE EXISTING SIDEWALK AND CURB AND REPLACE WITH SIDEWALK RAMP WITH TRUNCATED DOMES PER DWG. NO. 235 OF THE UNIFORM STANDARD DRAWINGS (SEE DETAIL 6 ON SHEET C5).
- 11 OPTION OF INSTALLING CONCRETE TACK-ON ISLAND PER UNIFORM STANDARD DRAWING, CLARK COUNTY AREA NO 220.1.51 OR TYPE "A" CURB WITH CENTER OF ISLAND FILLED IN WITH 4 INCH CONCRETE.
- 12 REFER TO ELECTRICAL PLANS FOR RELOCATION OR REMOVAL OF EXISTING PARKING LOT LIGHT STANDARD.
- 13 TRENCH LOCATION FOR THE INSTALLATION OF IRRIGATION LINES AND SLEEVES PER FIRE ALARM DRAWING SHEET FA103.2. CONTRACTOR TO PROVIDE ASPHALTIC PATCH FOR TRENCH THAT MATCHES EXISTING PAVEMENT SECTION.
- 14 TRENCH LOCATION FOR THE INSTALLATION OF FIBER OPTIC LINE AND SLEEVES PER FIRE ALARM DRAWING SHEET FA103.2. CONTRACTOR TO PROVIDE ASPHALTIC PATCH FOR TRENCH THAT MATCHES EXISTING PAVEMENT SECTION.
- 15 REPLACE EXISTING CURB AND GUTTER AND SIDEWALK PER UNIFORM STANDARD DRAWINGS.
- 16 REPLACE EXISTING STORM DRAIN INLET GRATE WITH TRAFFIC BEARING INLET GRATE (BICYCLE SAFE) THAT IS FLUSH WITH DROP INLET CONCRETE STRUCTURE. A NENAH FOUNDRY MODEL R-4825-A OR EQUAL ALTERNATIVE WITH APPROVAL OF ENGINEER, TO BE INSTALLED. ANY DISCREPANCY TO FIELD DIMENSIONS OF THE DROP INLET GRATE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- 17 EXISTING CONCRETE AND ASPHALTIC PAVEMENT PATCH TO BE REMOVED AND REPLACED. INSTALL ASPHALTIC CONCRETE TO MATCH THE EXISTING ASPHALT SECTION WITH TYPE II AGGREGATE BASE INSTALLED TO BRING PATCH BACK TO GRADE.
- 18 REMOVE EXISTING CURB ON EAST SIDE OF THE EXISTING SIDEWALK WALKWAY.
- 19 EXISTING ACCESSIBILITY ROUTE PATH TO BE REMOVED AND REPLACED AS SHOWN.

QUANTITIES

	PRIVATE	PUBLIC
ASPHALTIC CONCRETE	260 SF	
TYPE "A" CONCRETE CURB	810 LF	
ISLAND CURB	485 SF	
24" CONCRETE VALLEY GUTTER	35 LF	
4" CONCRETE SIDEWALK REPLACEMENT	122 SF	
TRENCH ASPHALTIC REPLACEMENT	300 SF	
TRAFFIC BEARING DRAINAGE GRATE	1 EA	

THESE QUANTITIES ARE FOR PLANS CHECKING PURPOSES ONLY AND SHOULD NOT BE USED BY CONTRACTORS TO DETERMINE FINAL QUANTITIES.

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kjoconsult@aol.net

TIME CONSULTING ENGINEERS, INC.

GRADING/STRIPING PLAN

SHEET: 2/24/17
DESIGNED BY: KJE
CHECKED BY: KJE
PROJECT NO.: 269.12

TITLE: LAS VEGAS CHARTER SCHOOL 900 & 920 N. LAMB BOULEVARD APN 140-30-601-016

FILE NAME: 140-30-601-016.DWG

SCALE: HORIZONTAL: 1" = 30' VERTICAL: NA

SHEET C3 OF 6 SHEETS

PROJECT: 68106

715-194

BENCHMARK
CITY OF LAS VEGAS BENCHMARK 7LV0230E4
RIVET AND ROUND PLATE IN THE TOP OF CURB NEAR THE SOUTHWEST CORNER OF WASHINGTON AVENUE AND LAMB BOULEVARD.
ELEVATION = 1785.41 FEET (NAVD 88)

BASIS OF BEARING
NORTH 89°39'10" WEST, BEING THE SOUTH LINE OF THE NORTHEAST QUARTER OF SECTION 30, TOWNSHIP 20 SOUTH, RANGE 62 EAST, N.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN ON PARCEL MAP RECORDED IN FILE 35, PAGE 73, CLARK COUNTY, NEVADA OFFICIAL RECORDS.

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 - PP POWER POLE
 - SD STORM DRAIN LINE
 - SF SQUARE FEET
 - SL STREET LIGHT
 - SNWA SOUTHERN NEVADA WATER AUTHORITY
 - SS SANITARY SEWERLINE
 - STA STATION
 - SW SIDEWALK
 - TC TOP OF CURB
 - TF TOP OF FOOTING
 - TW TOP OF WALL
 - VC VERTICAL CURVE
 - VG VALLEY GUTTER
 - WL WATERLINE
 - WM WATER METER

FIRE FLOW DATA

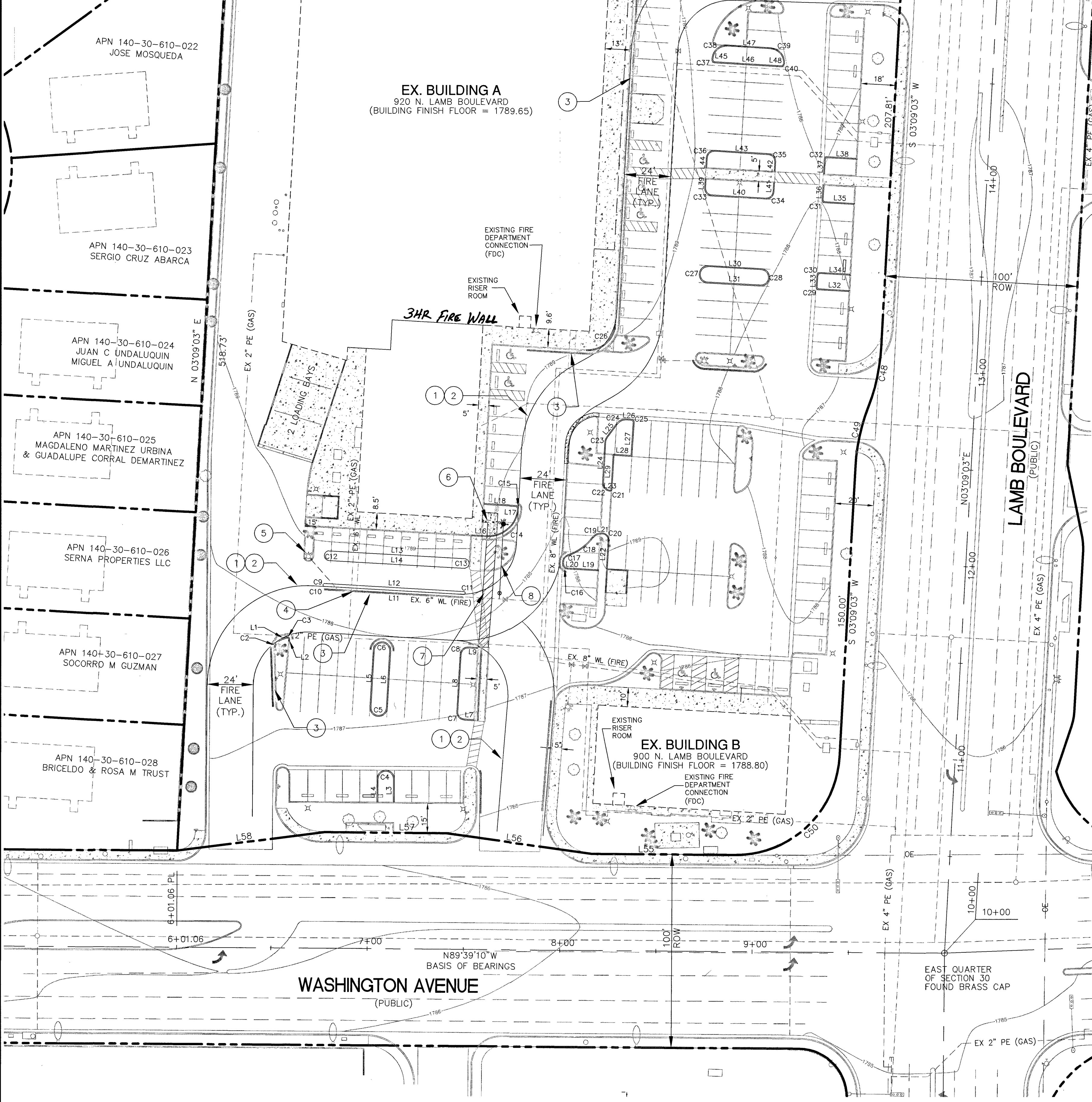
EX. BUILDING A
BUILDING AREA: 49,506 SF
CONSTRUCTION TYPE: III-B APN 140-30-610-021
SPRINKLERS: YES SERNA PROPERTIES LLC
NUMBER OF FLOORS: 2
HEIGHT: 36'
OCCUPANCY TYPE: E
FIRE FLOW: 2,375 GPM
(@20 PSI RESIDUAL)

EX. BUILDING B
BUILDING AREA: 5,008 SF
CONSTRUCTION TYPE: V-B
SPRINKLERS: YES
NUMBER OF FLOORS: 1
HEIGHT: 22'
OCCUPANCY TYPE: E
FIRE FLOW: 1,500 GPM
(@20 PSI RESIDUAL)

QUANTITIES

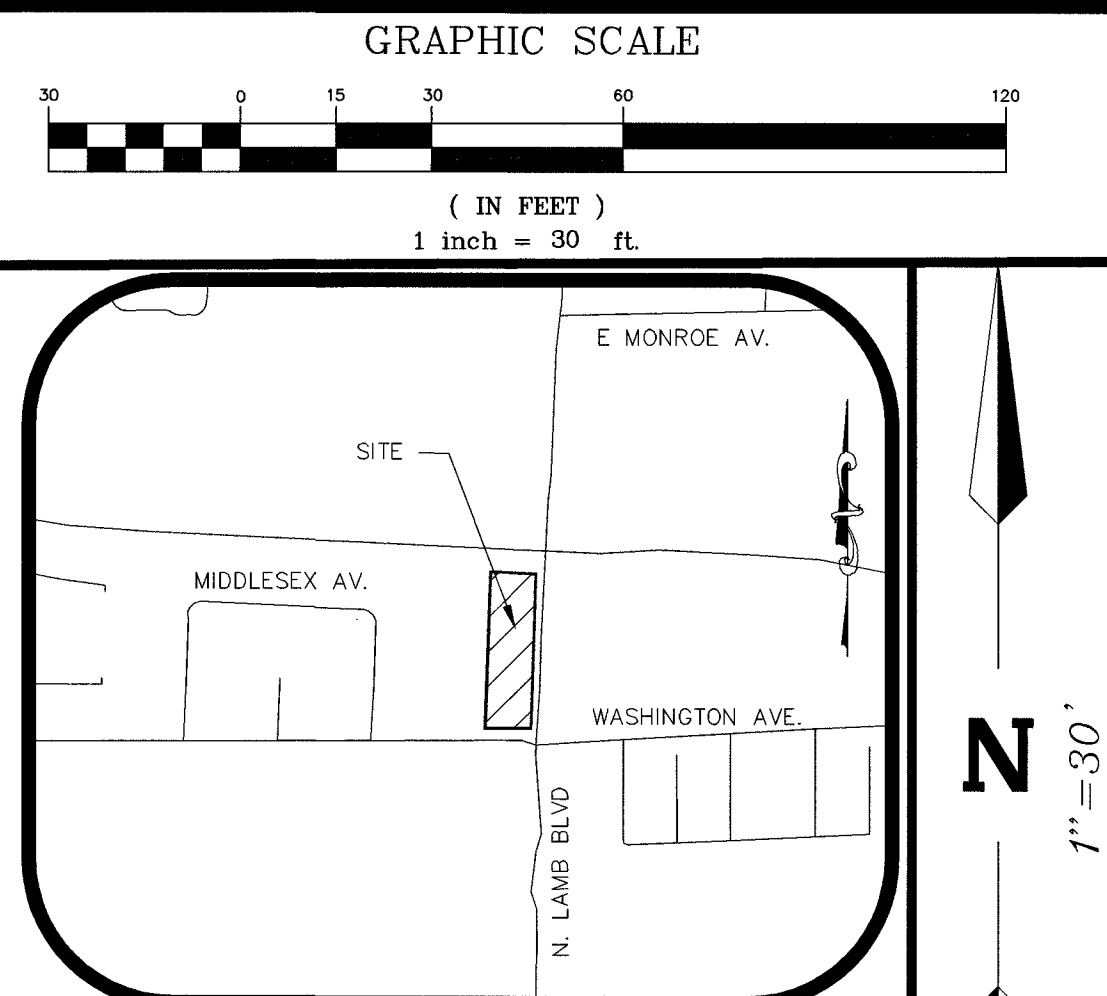
PRIVATE 35 LF
PUBLIC 1 EA
6" PVC (C900) WATERLINE
6"x6" TEE OR WET TAP
FIRE HYDRANT ASSEMBLY (UDACS PLATE 40)

THESE QUANTITIES ARE FOR PLANS CHECKING PURPOSES ONLY AND SHOULD NOT BE USED BY CONTRACTORS TO DETERMINE FINAL QUANTITIES.



CALL before you DIG
811
UNDERGROUND SERVICE (USA)
AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.

CALL before you Overhead
1-702-455-7544
CLARK COUNTY TRAFFIC OPERATIONS AND
1-702-432-5300
FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION



FIRE HYDRANT INSTALLATION NOTES

- ABANDON EXISTING 6 INCH WATERLINE PER UDACS. CUT & CAP 2' FROM EXISTING WATERLINE LATERAL.
- EXISTING FIRE HYDRANT ASSEMBLY TO BE REMOVED.
- INSTALL NEW FIRE HYDRANT ASSEMBLY PER UDACS PLATE NO. 40.
- INSTALL 6"x6" TEE OR WET TAP FOR WATER LATERAL CONNECTION WITH THRUST BLOCKS PER SECTION 2.14, INCLUDING PLATES 30 AND 31, PER UDACS (LATEST EDITION).
- INSTALL 39 LF OF 6" PVC C-900 WATERLINE AND 6" GATE VALVE (PRIVATE).

LINE TABLE

LINE	LENGTH	BEARING
L1	2.79	N73°03'40"E
L2	1.62	N05°14'11"E
L3	12.02	S00°19'38"W
L4	12.07	S00°19'38"W
L5	29.60	S03°22'28"W
L6	29.60	S03°22'28"W
L7	5.01	N86°51'25"W
L8	29.74	S03°22'28"W
L9	4.85	S86°54'29"E
L10	0.08	N03°09'59"E
L11	72.62	N86°50'01"W
L12	72.62	S86°50'21"E
L13	71.35	S86°50'21"E
L14	71.17	N86°50'01"W
L15	5.10	N86°51'25"W
L16	7.94	S86°54'44"E
L17	0.06	S03°05'39"W
L18	16.40	N86°54'21"W
L19	16.38	S86°50'01"E
L20	1.42	N03°12'40"E
L21	0.67	N86°23'30"W
L22	14.80	N03°30'30"E
L23	0.13	N86°19'12"W
L24	21.16	N03°10'29"E
L25	8.91	S36°41'55"W
L26	2.73	N86°12'27"W
L27	17.17	N03°40'48"E
L28	9.29	S86°19'12"E
L29	18.19	N03°23'21"E
L30	27.60	S86°50'01"E
L31	27.60	S86°50'01"E
L32	16.16	S86°50'52"E
L33	5.96	S03°53'31"W
L34	16.09	S86°50'52"E
L35	19.58	S86°46'12"E
L36	7.47	N03°53'51"E
L37	7.53	S02°31'33"W
L38	15.62	S86°50'52"E
L39	4.49	S03°13'48"W
L40	28.14	N03°13'48"E
L41	4.71	N03°13'48"E
L42	4.92	N03°12'53"E
L43	28.19	N86°37'07"W
L44	5.11	N02°40'54"E
L45	0.50	S86°34'21"E
L46	34.76	S86°37'31"E
L47	22.76	S86°37'31"E
L48	0.45	N89°39'10"W
L49	16.18	N03°12'39"E
L50	4.98	S86°49'37"E
L51	16.18	N03°09'59"E
L52	17.54	S86°34'21"E
L53	4.16	S45°26'58"W
L54	9.97	S01°29'52"E
L55	74.51	N89°39'10"W
L56	76.17	N82°06'30"W
L57	63.55	N89°39'10"W
L58	76.98	S82°52'58"W

g. g. g. 3/29/17
LAS VEGAS FIRE + RESCUE

CURVE TABLE

CURVE	LENGTH	RADIUS	TANGENT	DELTA
C2	7.20	5.50	4.22	74°58'56"
C3	0.98	0.50	0.74	132°07'31"
C4	18.41	4.00	749.25	180°36'45"
C5	12.57	4.00	INFINITE	180°00'00"
C6	12.57	4.00	INFINITE	180°00'00"
C7	5.50	3.50	3.50	90°00'00"
C8	5.48	3.50	3.48	89°43'03"
C9	1.11	0.71	0.71	89°59'40"
C10	1.11	0.71	0.71	90°00'00"
C11	2.42	0.75	20.40	184°13'23"
C12	6.94	2.57	11.57	154°59'21"
C13	7.07	2.55	13.87	159°11'40"
C14	23.54	15.00	14.98	89°54'37"
C15	1.57	1.00	1.00	90°00'00"
C16	3.14	2.00	2.00	90°02'40"
C17	3.61	3.00	2.06	69°00'22"
C18	16.50	26.50	8.53	35°40'26"
C19	4.97	5.00	2.71	56°57'53"
C20	4.71	3.00	3.00	90°00'00"
C21	0.79	0.50	0.50	90°17'27"
C22	5.47	3.50	3.47	89°29'41"
C23	2.63	4.50	1.36	33°31'58"
C24	4.98	5.00	2.72	57°05'38"
C25	1.57	1.00	1.00	89°53'15"
C26	22.02	14.00	14.03	90°08'08"
C27	12.57	4.00	INFINITE	180°00'00"
C28	12.57	4.00	INFINITE	180°00'00"
C29	1.58	1.00	1.01	90°44'43"
C30	1.56	1.00	0.99	90°01'57"
C31	1.58	1.00	1.01	90°40'31"
C32	1.58	1.00	1.01	90°57'34"
C33	5.50	3.50	3.50	90°00'00"
C34	5.50	3.50	3.50	90°00'00"
C35	5.50	3.50	3.50	90°00'00"
C36	5.54	3.50	3.54	90°44'43"
C37	1.57	1.00	1.00	90°01'57"
C38	10.99	7.00	7.00	89°58'31"
C39	11.06	7.00	7.06	90°29'57"
C40	1.56	1.00	0.99	89°30'03"
C41	2.36	1.50	1.50	90°02'17"
C42	2.36	1.50	1.50	90°00'23"
C43	40.86	97.00	20.74	24°08'15"
C44	41.84	108.00	21.09	24°11'49"
C45	29.59	52.00	15.21	32°36'20"
C46	3.47	2.00	2.36	99°24'59"
C47	25.16	28.39	13.47	50°45'58"
C48	31.76	100.00	16.01	18°11'42"
C49	31.76	100.00	16.01	18°11'42"
C50	82.18	54.00	51.42	87°11'47"

ANNE JOHNSON, AIA
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LAS VEGAS, NV 89121
PH. (702) 597-2988
kjaconsaut@cox.net

ENGINEERING CONSULTING
ENGINEERS, INC.

HORIZONTAL CONTROL / FIRE DEPARTMENT ACCESS & FIRE HYDRANT RELOCATION PLAN

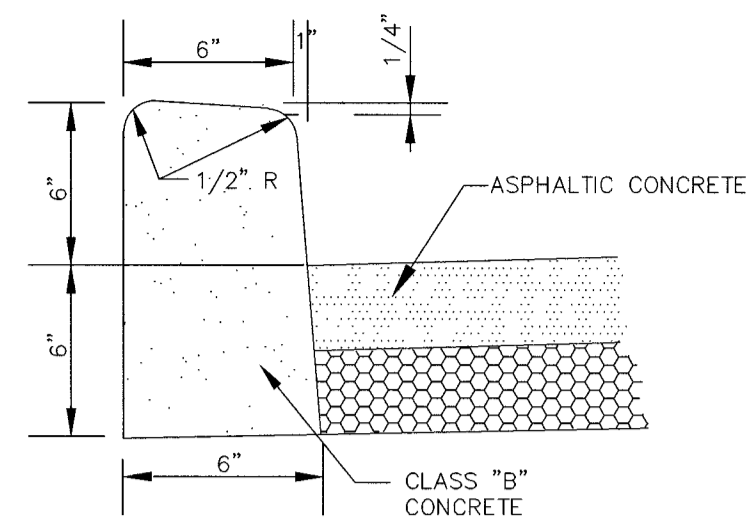
LAS VEGAS CHARTER SCHOOL
900 & 920 N. LAMB BOULEVARD
APN 140-30-601-016

SEAL
KENNETH J. FRANK
REGISTERED PROFESSIONAL ENGINEER
CIVIL
No. 9678
EXPIRES 12/31/17

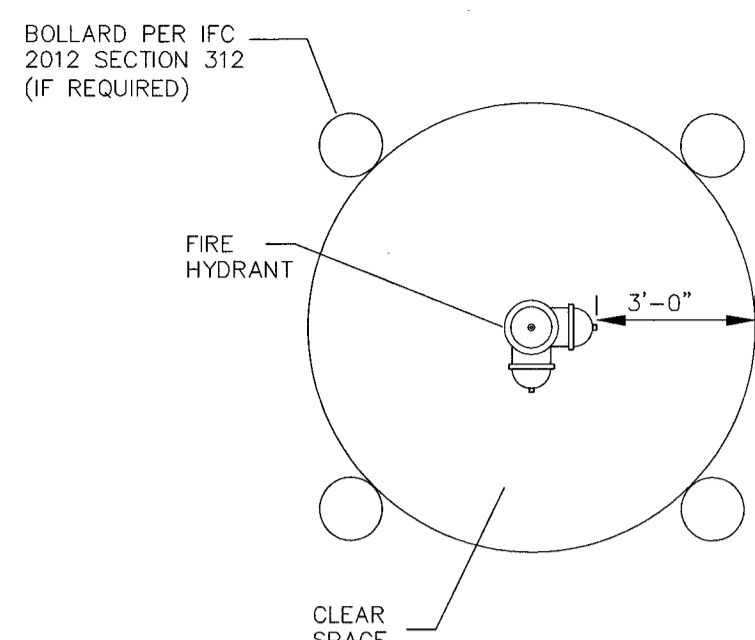
SCALE
HORIZONTAL: 1" = 30'
VERTICAL: NA

SHEET
C4
4 OF 6 SHEETS
CLV-DRAWING# 68106

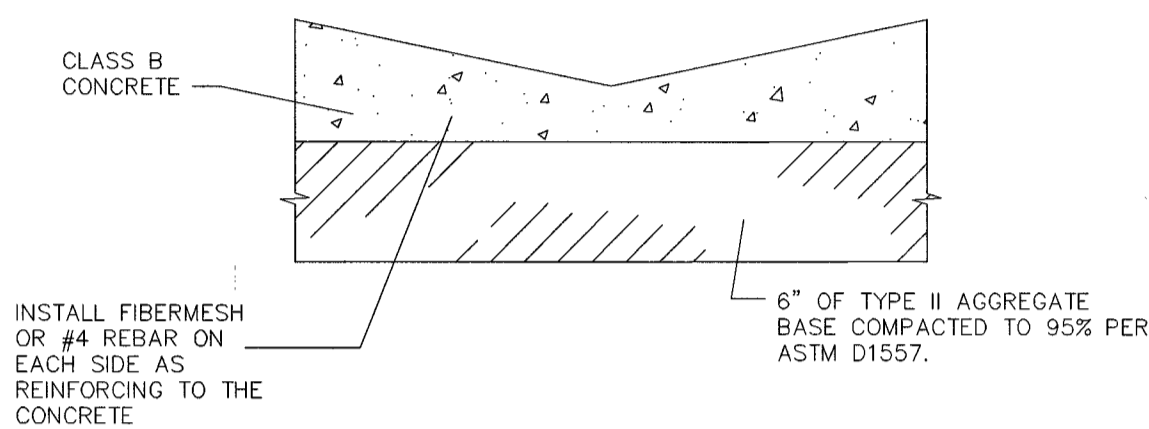
715-194



TYPE "A" CURB SECTION
N.T.S.



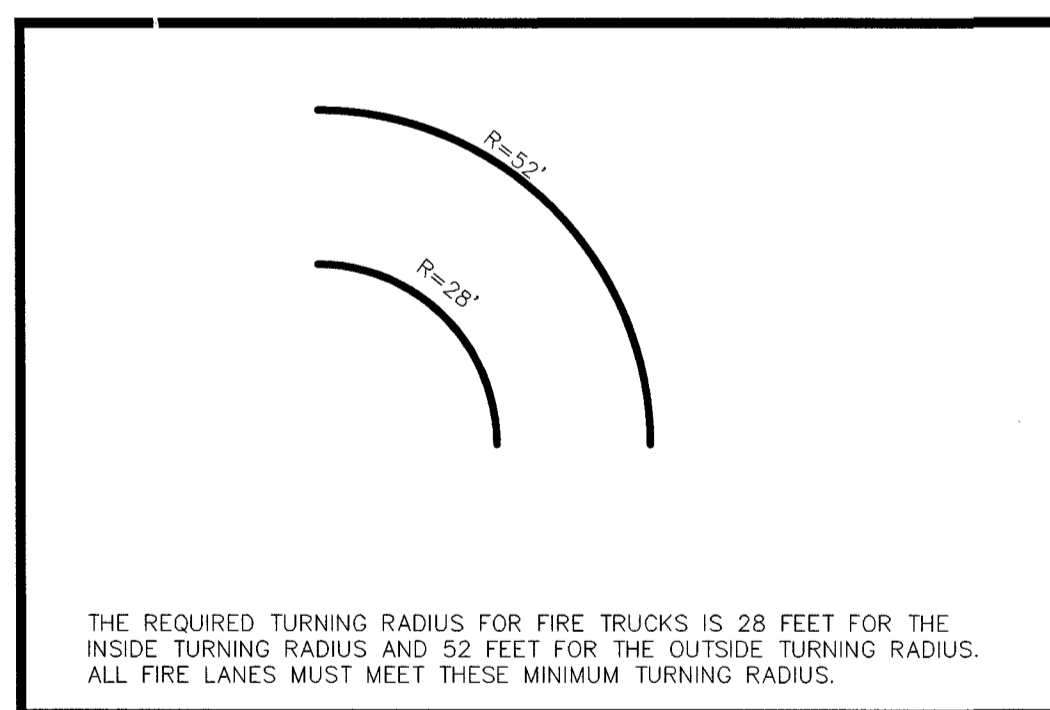
HYDRANT CLEARANCE
N.T.S.



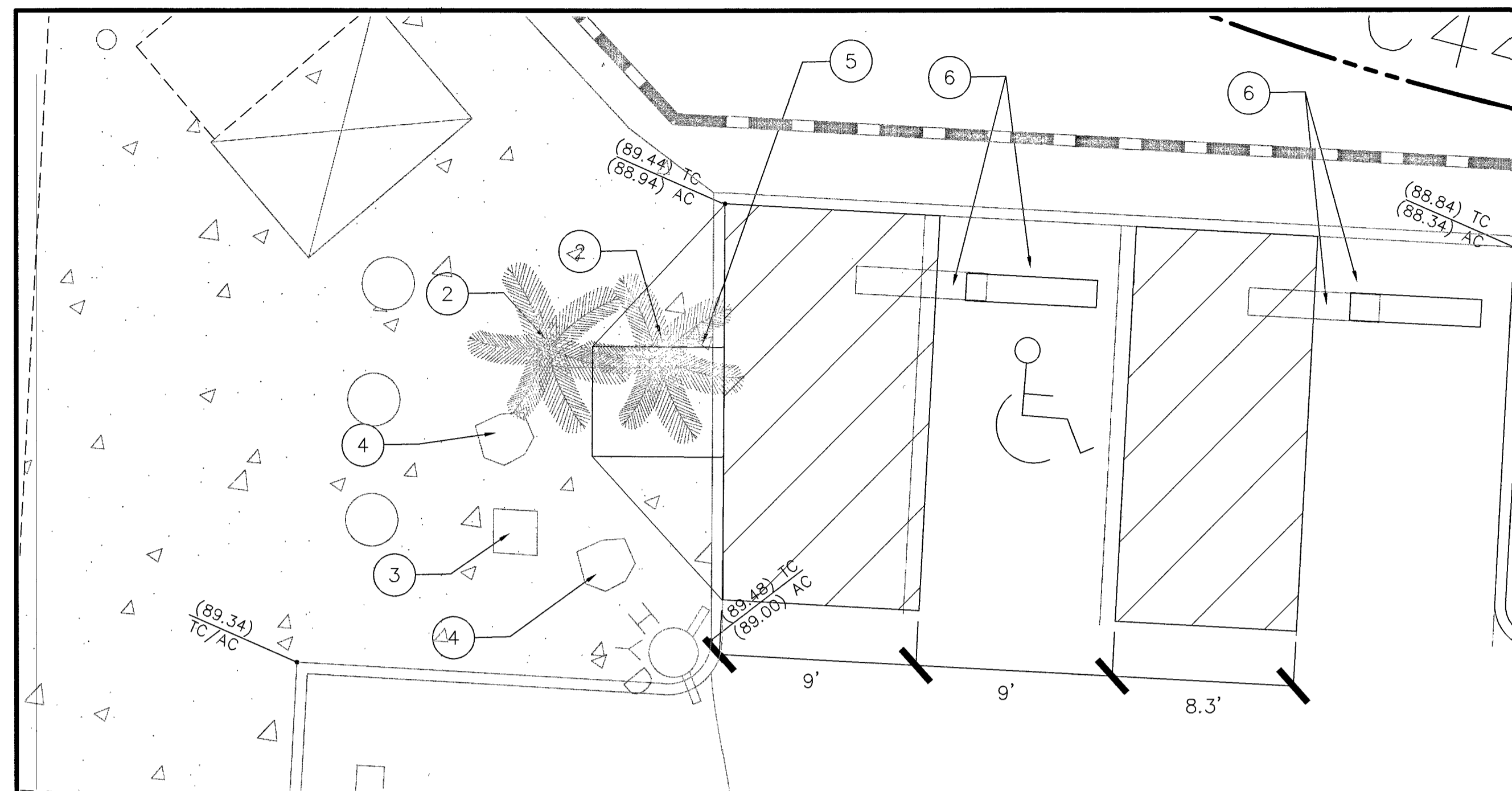
2' VALLEY GUTTER DETAIL
N.T.S.

ON-STREET PARKING
IN MARKED
FIRE LANES
PROHIBITED

TYPE "B" NO PARKING SIGN DETAIL
N.T.S.



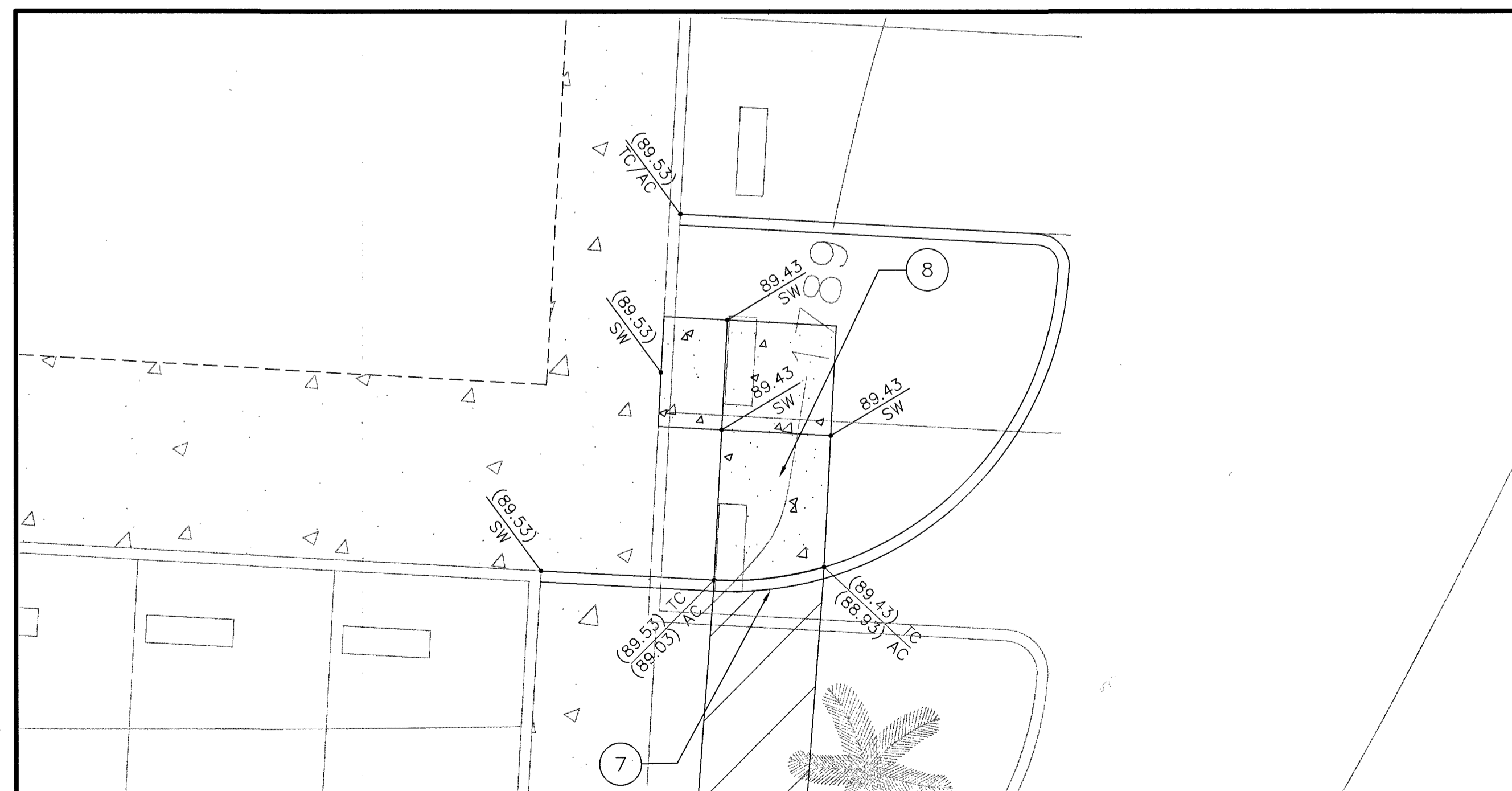
FIRE TRUCK TURNING RADIUS
N.T.S.



HANDICAP RAMP/SPACE DETAIL
1"=5' HORIZ.

CONSTRUCTION NOTES

- 1 LOCATION OF UNDERGROUND UTILITIES ON THE DRAWINGS WERE OBTAINED BY A PROVIDED FIELD SURVEY. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR IN THE LOCATION SHOWN ON THE DRAWINGS.
- 2 REMOVE EXISTING PALM TREES LOCATED WITHIN VICINITY OF PROPOSED HANDICAP RAMP. REPLACE PLANTER WITH CONCRETE PAVING PER DRAWING NO. 234 OF THE UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA. NEW CONCRETE TO BE FLUSH WITH EXISTING CONCRETE PER ADA ACCESSIBILITY PATH REQUIREMENTS.
- 3 REPLACE PLANTER WITH CONCRETE PAVING PER DRAWING NO. 234 OF THE UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA. NEW CONCRETE TO BE FLUSH WITH EXISTING CONCRETE PER ADA ACCESSIBILITY PATH REQUIREMENTS.
- 4 REMOVE EXISTING LANDSCAPE STONE LOCATED WITHIN VICINITY OF PROPOSED HANDICAP RAMP. REPLACE WITH CONCRETE PAVING PER DRAWING NO. 234 OF THE UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA. NEW CONCRETE TO BE FLUSH WITH EXISTING CONCRETE PER ADA ACCESSIBILITY PATH REQUIREMENTS.
- 5 REMOVE EXISTING SIDEWALK AND CURB AND REPLACE WITH SIDEWALK RAMP WITH TRUNCATED DOMES PER DWG. NO. 235 OF THE UNIFORM STANDARD DRAWINGS.
- 6 RELOCATE EXISTING BUMPER BLOCK TO CENTER OF PARKING SPACE.
- 7 PROVIDE FLUSH CURB AT LOCATION OF HANDICAP RAMP.
- 8 INSTALL SIDEWALK RAMP WITH TRUNCATED DOMES.



HANDICAP RAMP DETAIL
1"=5' HORIZ.

ANNE JOHNSON, AIA
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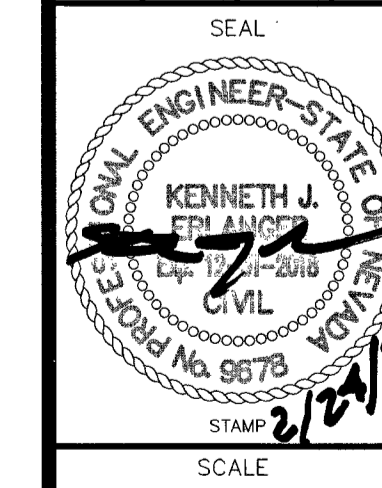
4222 E. PINELIST CIRCLE
LAS VEGAS, NV 89121
PH. (702) 597-2988
kjeconsult@cox.net

LAS VEGAS CHARTER SCHOOL
900 & 920 N. LAMB BOULEVARD
APN 140-30-601-016

DETAIL SHEET

SHEET

DESIGNED BY: K.J.E. 2/24/17
CHECKED BY: K.J.E. 2/24/17



HORIZONTAL: NA
VERTICAL: NA

SHEET
C5
5 OF 6 SHEETS

CLV-DRAWING#
68106

