

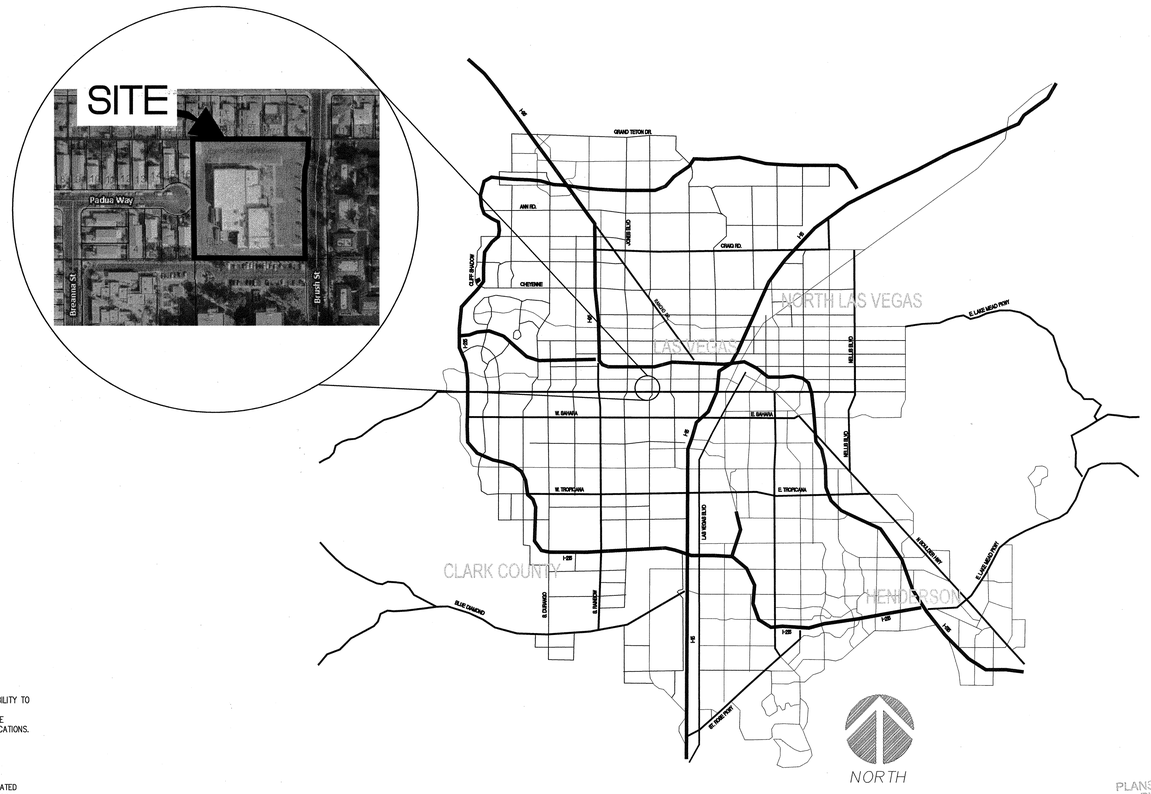




IMPROVEMENT PLANS
FOR
CHARLESTON HEIGHTS COMMUNITY CENTER RENOVATION
CITY OF LAS VEGAS

APN #138-36-801-002

GOVERNMENT LOT 5 LOCATED IN THE SOUTH HALF (S 1/2) OF THE SOUTHEAST QUARTER (SE 1/4) SECTION 36
TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M.,
CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.



VICINITY MAP

NOTE:

EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATIONS. CALL BEFORE YOU DIG: (800) 227-2600.

NOTE:

APPROVAL OF THESE PLANS BY CLARK COUNTY IS LIMITED TO THOSE IMPROVEMENTS CONSTRUCTED IN THE DEDICATED RIGHTS-OF-WAY AND/OR DEDICATED EASEMENTS. THIS APROVAL DOES NOT AUTHORIZE THE CONSTRUCTION OF ANY IMPROVEMENTS THAT DEVIATE FROM ADOPTED STANDARDS AND/OR SPECIFICATIONS EXCEPT THOSE SPECIFICALLY IDENTIFIED AS "DEVIATIONS FROM STANDARDS". THE ENGINEER SHALL RESOLVE ANY DEVIATIONS OTHER THAN THOSE LISTED IN "DEVIATIONS FROM STANDARDS" IN FAVOR OF THE UNIFORM STANDARDS DRAWINGS AND SPECIFICATIONS CLARK COUNTY AREA NEVADA.", (CURRENT EDITIONS).

NOTE:

THE ENGINEER SHOULD CONTACT THE NEVADA DIVISION OF ENVIRONMENTAL PROTECTION (NDEP) TO OBTAIN A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT PRIOR TO CONSTRUCTION. ALL CONSTRUCTION PROJECTS ONE ACRE OR LARGER MUST APPLY FOR THE PERMIT THROUGH THE NDEP. ALL QUESTIONS REGARDING THE NPDES PERMIT REQUIREMENTS SHOULD BE DIRECTED TO THE NDEP (775) 687-9429

FLOOD ZONE INFORMATION:

THIS SITE IS LOCATED IN ZONE "X", AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAIN, PER THE FLOOD INSURANCE RATE MAP COMMUNITY PANEL 32003C2170 F. CLARK COUNTY, NEVADA DATED NOVEMBER 16, 2011.

FLOOD DESIGNATION PROVIDED BY FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) .

UTILITY DATA

POWER:	NV ENERGY
WATER:	LAS VEGAS VALLEY WATER DISTRICT
SEWER:	CITY OF LAS VEGAS
GAS:	SOUTHWEST GAS CO
TELEPHONE:	CENTRAL TELEPHONE COMPANY DBA CENTURYLINK
DISPOSAL:	REPUBLIC SERVICES

SHEET INDEX

SHEET NUMBER	SHEET DESCRIPTION	SHEET TITLE
1	C-1	COVER SHEET
2	N-1	GENERAL NOTES AND QUANTITIES
3	UT-1	UTILITY PLAN
4	DT-1	DETAIL SHEET 1

APPROVALS

CITY OF LAS VEGAS

CITY ENGINEER, ALLEN PAVELKA P.E., #9029 DATE
CITY OF LAS VEGAS, NEVADA

"APPROVAL OF THESE PLANS BY THE CITY ENGINEER 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 "DEVIATION FROM STANDARDS" IN FAVOR OF THE UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS, CLARK COUNTY AREA, NEVADA".

CHRIS KNIGHT, DIRECTOR DATE
BUILDING AND SAFETY DEPARTMENT
CITY OF LAS VEGAS, NEVADA

THIS PLAN MEETS THE APPLICABLE STANDARDS OF THE PLANNING AND DEVELOPMENT DEPARTMENT.

ALL UTILITY AND SITEWORK SHALL COMPLY WITH THE APPROVED CIVIL PLANS.

LAS VEGAS FIRE AND RESCUE DATE

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

NV ENERGY DATE

"THE AFFIXED CENTRAL TELEPHONE COMPANY DBA CENTURYLINK 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."

CENTRAL TELEPHONE COMPANY DBA CENTURYLINK DATE

SOUTHWEST GAS CORPORATION DATE

THESE PLANS WERE CHECKED UNDER [redacted] THE 2011 NEC, AND THE 2012 IBC, UPC, AND UMC

COX COMMUNICATIONS LAS VEGAS, INC. DATE

PLANS APPROVED
PLANNING
Building & Safety Dept.
City of Las Vegas, Nevada
JA OCT 20 2016
Conforms to the minimum requirements of LVMC Title 19, applicable Master Plan development standards and/or Conditions of Approval. Make No Change Without Approval. Plan is Not a Permit to Violate Any Ordinance.

OWNER / DEVELOPER
CITY OF LAS VEGAS
333 N. RANCHO DR., 8TH FLOOR
LAS VEGAS, NV 89106
PH (702) 363-2222

ENGINEER
PERFORMANCE ENGINEERING, LLC.
197 CARLSBAD CAVERNS ST
HENDERSON, NV 89012
PH (702) 569-9770

CLV

DEPARTMENT OF PUBLIC WORKS

REVISIONS

ARCHITECT
SR ARCHITECTURE
7230 Peak Drive Suite 216 Las Vegas Nevada 89128
office 702.383.2222 www.sr-architecture.com

Charleston Heights Community Center
- Renovation -

100% PERMIT SET
COVER SHEET

RAY F. FREDERICKSEN
Exp. 06/30/17
CIVIL
No.17471
STATE OF NEVADA
PROFESSIONAL ENGINEER

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 384-4846
TDD: (702) 386-9108

DRAWN	CJT
FILE	
DATE	05/02/2016
SCALE	1" = 30'
BID NO	15.59806.JH
CLV DWG NO	620-10B
HANSEN NO	59806
SHT NO	1 OF 4

DRAWINGS AS INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE DESIGN PROFESSIONAL WHOSE STAMP OF CERTIFICATION APPEARS ON THE DRAWINGS AND SPECIFICATIONS ANY USE OR REPRODUCTION IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT IS STRICTLY PROHIBITED COPIES OF THE DRAWINGS AND SPECIFICATIONS RETAINED BY THE CLIENT MAY BE UTILIZED ONLY FOR OCCUPYING THE PROJECT FOR WHICH THEY WERE PREPARED AND NOT FOR THE CONSTRUCTION OF ANY OTHER PROJECT N.A.C. 623.760

CLV 5503-c16

CITY OF LAS VEGAS GENERAL NOTES

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

2. THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. EXISTING UTILITIES AS SHOWN FROM CLV PLANS LIBRARY ARE APPROXIMATE AND FOR RECORD PURPOSES. EXISTING UTILITIES ARE LOCATED ON PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCE'S WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COST AND LIABILITY IN CONNECTION THEREWITH.

3. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE, AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REQUIRED OR REPLACED SATISFACTORY TO THE CITY ENGINEER AND OWNING UTILITY COMPANY AT THE EXPENSE OF THE CONTRACTOR.

4. ALL CONSTRUCTION SHALL BE SHOWN ON THESE PLANS, ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.

5. TYPE V CEMENT SHALL BE USED IN ALL OFF-SITE CONCRETE WORK. CONCRETE TO BE 3000 P.S.I. MINIMUM @28 DAYS. MIX DESIGN TO BE APPROVED BY THE CITY ENGINEER, PRIOR TO THE USE ON THE PROJECT.

6. PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.

7. EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 150' IN EXTRUDED-TYPE CURB, PER SUMMERLIN IMPROVEMENT STANDARDS.

8. AC PAVEMENT TO BE ONE-HALF INCH (1/2") ABOVE LIP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT SIDEWALK RAMPS AND CROSS GUTTERS.

9. CURB AND GUTTER FOUND TO BE UNACCEPTABLE TO THE CITY OF LAS VEGAS SHALL BE REMOVED AND REPLACED PER SUMMERLIN STANDARD DRAWING 216.

10. SIDEWALK RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER STANDARD SUMMERLIN DRAWINGS. EXACT LOCATION OF RAMPS MAY BE ADJUSTED IN THE FIELD BY A CITY INSPECTOR.

11. CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR INGRESS AND EGRESS TO NEW CONSTRUCTION. THE EXTENT OF TRANSITIONS TO BE AS SHOWN ON PLANS.

12. ALL GRADING WORK SHALL CONFORM TO THE SOILS REPORT AS PREPARED BY TERRACON, PROJECT NO. 64965481, 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 ENGINEER IF LOCATION ON PLANS IS NOT CLEARLY SHOWN, OR EXISTING PAVEMENT CONDITION REQUIRES RELOCATIONS.

14. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING PERMANENT SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE REPLACED AND ADJUSTED PER AVAILABLE RECORDS IN ACCORDANCE WITH N.R.S. NO. 625.550.

15. UTILITY COMPANY METER BOXES, MANHOLE LIDS, VALVE COVERS, ETC., SHALL BE LOCATED OUT OF DRIVEWAYS, DRIVEWAY APRONS, FLOWLINES, AND CROSS GUTTERS UNLESS WRITTEN APPROVAL IS GRANTED BY THE UTILITY COMPANY AND THE CITY ENGINEER.

16. 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 SEPERATE PERMIT AND INSPECTION BY THE BUILDING DEPARTMENT.

17. ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT WITHIN CITY RIGHT-OF-WAY.

18. CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING INLETS, VALVE BOXES, MANHOLE RIMS, AND SEWER CLEAN OUTS, ETC. TO FINISH GRADE AS APPLICABLE WHETHER OR NOT THEY ARE SHOWN ON THE PLANS.

19. MATERIALS, HANDLING AND PLACEMENT OF PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF NDOT OR THE CLARK COUNTY AREA SPECIFICATIONS (AS APPLICABLE) AND THE PLANS AND DETAILS SHOWN HEREON.

20. WHEN INSTALLING UNDERGROUND FACILITIES THAT REQUIRE UNDERGROUND LOCATING DEVICES SUCH AS MARKER BALLS, LOCATING RIBBON, ETC. THE CONTRACTOR SHALL 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 CONSTRUCTION OF ANY ROAD BASE.

21. SANITARY SEWER AND STORM DRAIN FINAL LOCATION MAP(S) SHALL BE PROVIDED TO THE OFFSITE INSPECTION AND TESTING SECTION PRIOR TO PROJECT ACCEPTANCE. THE MAP(S) SHALL INCLUDE THE HORIZONTAL AND VERTICAL (INVERT) LOCATION OF PUBLIC SEWER MANHOLES, STORM DRAIN MANHOLES, STORM DRAIN LATERALS AT THE CONNECTION TO THE STORM DRAIN MAIN AND AT THE CONNECTION TO A DROP INLET, AND THE CONNECTION OF SEWER SERVICE LATERALS TO THE SEWER MAIN AND WHERE, THE SEWER SERVICE LATERAL EXIT THE PUBLIC RIGHT OF WAY. THE LOCATION SHALL BE DESCRIBED BY STATE PLANE COORDINATES WHICH SHALL BE BASED ON THE "NEVADA COORDINATE SYSTEM OF 1983, EAST ZONE" AS DEFINED BY THE NEVADA REVISED STATUTES CHAPTER 327, AND TIED TO THE CITY OF LAS VEGAS VERTICAL CONTROL BENCHMARK NETWORK. COORDINATES MUST BE CERTIFIED BY A NEVADA PROFESSIONAL LAND SURVEYOR TO HAVE POSITIONAL CERTAINTIES OF +/- 0.1 METER (+/- 0.3 FEET) A SEPERATE ELECTRONIC COMMA DELINEATED FILE FOR THE SANITARY SEWER AND STORM DRAIN COORDIANTES SHALL ALSO ACCOMPANY THE SANITARY SEWER AND STROM DRAIN FINAL LOCATION MAP(S).

22. SANITARY SEWER SERVICE LATERALS REQUIRE THE INSTALLATION OF A MARKER BALL AT THE CONNECTION OF THE SEWER SERVICE LATERAL TO THE SEWER MAIN AND WHERE THE SEWER SERVICE LATERAL EXITS THE PUBLIC RIGHT OF WAY. STORM DRAIN LATERALS REQUIRE THE INSTALLATION OF A MARKER BALL AT THE CONNECTION OF THE STORM DRAIN LATERAL TO TEH STORM DRAIN MAIN AND WHERE THE STORM DRAIN LATERAL EXITS THE PUBLIC RIGHT OF WAY OR WHERE THE STORM DRAIN LATERAL CONNECTS TO A DROP INLET. THE MARKER BALL SHALL BE 3M 4" MARKER BALL 1404-XR OR APPROVED EQUAL.

23. CCTV VIDEO INSPECTION IS REQUIRED FOR ALL SEWER AND STORM DRAINS. CCTV VIDEO INSPECTIONS NEED TO BE PERFORMED PER THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS LATEST ADDITION.

24. A SEPERATE BORING PERMIT IS REQUIRED FOR ALL BORING ACTIVITIES.

CITY OF LAS VEGAS SEWER NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, AS AMENDED. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATIONS.

2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM CONSTRUCTION AS PER PLANS. ANY ADDITIONS, DELETIONS, OR CHANGES SHALL FIRST MEET WITH THE APPROVAL OF THE CITY ENGINEER.

3. CHISEL "S" OR "G" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.

4. POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, INSTALLED WITH SAND BEDDING AND BACKFILL OF TYPE II AGGREGATE BASE.

5. ALL MANHOLES PAVED IN STREETS EIGHTY (80') FOOT R/W AND LARGER SHALL HAVE CONCRETE COLLARS. STREETS LESS THAN EIGHTY (80') FOOT R/W WILL REQUIRE RETROFIT IF PAVING DOES NOT CONFORM TO CITY STANDARDS AT THE MANHOLE.

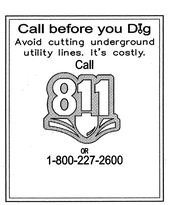
6. TEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO TWELVE INCH (12") DIAMETER. CONNECTIONS TO FIFTEEN INCH (15") OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES. IN LINE "Y" 'S SHALL BE USED ON LINES TWELVE INCHES (12") OR ABOVE.

7. WATER MAINS SHALL BE PROTECTED IN ACCORDANCE WITH LVVWD STANDARDS WHENEVER A SEWER MAIN CROSSES OVER A WATER MAIN OR THE SEWER IS LESS THAN EIGHTEEN INCH (18") UNDER A WATER MAIN.

8. ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF THE CITY OF LAS VEGAS MUST BE STATE OF NEVADA CLASS "A" CONTRACTORS.

9. THE CITY OF LAS VEGAS WILL NOT ACCEPT ANY SEWER MAINS WHICH HAVE A VERTICAL DEFLECTION OF MORE THAN ONE TENTH (0.1) OF A FOOT FROM THE APPROVED CONSTRUCTION PLANS AT ANY LOCATION. SEWER MAINS FOUND TO EXCEED THIS TOLERANCE WILL HAVE TO BE REPAIRED OR REMOVED OR REPLACED TO THE SATISFACTION OF THE CITY ENGINEER PRIOR TO ACCEPTANCE BY THE CITY OF LAS VEGAS.

10. INSTALLATION OF CURVED SEWER REQUIRES THE USE OF C-900 PVC PIPE WHICH ALLOWS FOR PIPE DEFLECTION AT THE JOINTS.







CITY OF LAS VEGAS GRADING NOTES

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

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

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

4. THE CONTRACTOR IS WARNED THAT AN EARTHWORK BALANCE WAS NOT NECESSARILY THE INTENT OF THIS PROJECT. ANY ADDITIONAL MATERIAL REQUIRED OR LEFTOVER MATERIAL FOLLOWING EARTHWORK OPERATIONS BECOMES THE RESPONSIBILITY OF THE CONTRACTOR.

5. THE GRADING CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE OWNER TO PROVIDE FOR THE REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND ASSOCIATED PERMIT.

6. CONTRACTOR SHALL GRADE TO THE LINES AND ELEVATIONS SHOWN ON THE PLANS WITHIN THE FOLLOWING HORIZONTAL AND VERTICAL TOLERANCES AND DEGREES OF COMPACTION, IN THE AREAS INDICATED:

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

COMPACTION TESTING WILL BE PERFORMED BY THE OWNER OR HIS REPRESENTATIVE AND COPIES OF TEST RESULTS WILL BE PROVIDED TO THE CITY.

7. ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.

8. THE USE OF POTABLE WATER WITHOUT A SPECIAL PERMIT FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION WATER.

9. THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS AND ALL OTHER PUBLIC RIGHT-OF-WAY IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC, SHALL BE MAINTAINED IN A CLEAN, SAFE AND USABLE CONDITION.

10. IN THE EVENT THAT ANY TEMPORARY CONSTRUCTION ITEM IS REQUIRED THAT IS NOT SHOWN ON THESE DRAWINGS, THE OWNER AGREES TO PROVIDE AND INSTALL SUCH ITEM AT HIS OWN EXPENSE AT THE DIRECTION OF THE CITY ENGINEER. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMS, ROAD SIGNS AND BARRICADES, ETC.

CITY OF LAS VEGAS TRAFFIC NOTES

1. ALL CONSTRUCTION SIGNING, BARRICADING, AND TRAFFIC DELINEATION SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION.

2. THE STREET SIGN CONTRACTOR SHALL OBTAIN STREET NAMES AND BLOCK NUMBERING FROM THE PLANNING DEPARTMENT PRIOR TO CONSTRUCTION.

3. BEFORE ANY WORK IS STARTED IN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS FOR THE CONSTRUCTION ZONE. THE CONTRACTOR SHALL INSTALL TEMPORARY STOP SIGNS AT ALL NEW STREET ENCROACHMENTS INTO EXISTING CITY STREETS WHERE WARRANTED IMMEDIATELY AFTER FIRST GRADING WORK IS ACCOMPLISHED, AND SHALL MAINTAIN SAID SIGNS UNTIL PERMANENT SIGNS ARE INSTALLED.

4. WHEN A DESIGNATED "SAFE ROUTE TO SCHOOL" IS ENCROACHED UPON BY A CONSTRUCTION WORK ZONE AND PUBLIC WORKS STAFF IDENTIFIES A NEED FOR STUDENTS TO BE ASSISTED IN THE SAFE CROSSING THROUGH THAT WORK ZONE, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE A QUALIFIED "CROSSING GUARD". THE GUARD SHALL BE PRESENT FOR THE FULL DURATION OF TIME THAT CHILDREN ARE LIKELY TO BE PRESENT.

5. IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY OBSTRUCTION, TEMPORARY REMOVAL OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKING, SUCH PAVEMENT MARKING SHALL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE CITY TRAFFIC ENGINEER.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL PERMANENT SIGNS SHOWN ON THE PLANS. STREET NAME SIGNS SHALL CONFORM IN THEIR ENTIRETY TO CURRENT CITY STANDARDS. ALL OTHER SIGNS SHALL BE STANDARD SIZE UNLESS OTHERWISE SPECIFIED ON THE PLANS. ALL SIGN POSTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT CITY STANDARDS.

7. WHEN A PROPOSED STREET LIGHT STANDARD IS LOCATED WITHIN FIVE FEET (5') OF ANY PROPOSED SIGN SHOWN ON THE PLANS TO BE MOUNTED ON A SIGNPOST, THE SIGN SHALL BE MOUNTED ON THE STREET LIGHT STANDARD AND THE SIGNPOST SHALL BE ELIMINATED.

8. ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREON SHALL BE IN PLACE AND IN FINAL POSITION PRIOR TO ALLOWING ANY PUBLIC TRAFFIC ONTO THE PORTIONS OF THE ROAD(S) BEING IMPROVED HEREUNDER, REGARDLESS OF THE STATUS OF COMPLETION OF PAVING OR OTHER OFF-SITE IMPROVEMENTS CALLED FOR BY THESE PLANS.

9. STREET SIGNS AND STOP SIGNS SHALL BE INSTALLED PER CITY STANDARD SPECIFICATIONS FOR PLACEMENT OF STREET NAME SIGNS.

10. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TRAFFIC CONTROL DEVICES AND FLAGGERS TO ENSURE THE SAFETY OF THE PUBLIC IN OR AROUND THE WORK AREA. THE CONTRACTOR SHALL HAVE A CERTIFIED ATSSA TRAFFIC CONTROL TECHNICIAN OR IMSA WORK ZONE SAFETY SPECIAL IST SET-UP, MAINTAIN AND/OR REMOVE ALL TRAFFIC CONTROL DEVICES IN THE CITY OF LAS VEGAS RIGHTS OF WAY.

11. WORK IN PUBLIC STREETS, ONCE BEGUN, SHALL BE EXPEDITED TO COMPLETION SO AS TO PROVIDE A MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC.

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING CITIZENS AREA TRANSIT (C.A.T.) IF THE CONSTRUCTION INTERRUPTS OR RELOCATES A BUS STOP OR HAS AN ADVERSE EFFECT ON BUS SERVICE ON THAT STREET AND TO ARRANGE FOR TEMPORARY RELOCATION OF STOP.

13. 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 THE USE OF THESE OFFICERS SHALL BE SET BY METRO AND WILL BE PAID BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR ALL ARRANGEMENTS WITH METRO.

14. ANY WORK WITHIN 300' OF A SIGNALIZED INTERSECTION WILL BE NIGHT WORK, UNLESS DIRECTED BY THE CITY OF LAS VEGAS TRAFFIC ENGINEER.

15. THE CONTRACTOR SHALL CONTACT THE TRAFFIC ENGINEERING DIVISION (TRANSPORTATION SECTION) THROUGH THE PROJECTS 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 SEGMENTSTHE 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.

CITY OF LAS VEGAS STREETLIGHT NOTES

1. 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 "SUMMERLIN IMPROVEMENT STANDARDS", LATEST REVISION.

2. NO DEVIATION OF STREET LIGHT, PULL BOX, CONDUITS (ETC.) LOCATIONS SHALL BE PERMITTED WITHOUT WRITTEN APPROVAL OF THE TRAFFIC/ELECTRICAL FIELD OPERATIONS DIVISION AND THE CITY ENGINEER. ANY DEVIATION FROM THE PLAN LOCATION WILL REQUIRE COMPLIANCE WITH SECTION 623.0.03 (E) OF THE SPECIFICATIONS.

3. ALL EXISTING STREET LIGHTING SHALL REMAIN OPERATIONAL DURING CONSTRUCTION.

4. ALL STREET LIGHTING CONDUITS STUB SHALL HAVE AT LEAST ONE GREEN #8 THW WIRE INSTALLED, AS TRACER WIRE. WHEN "EMPTY" CONDUIT IS COMPLETELY INSTALLED FROM PB TO PB. IT SHALL HAVE A MINIMUM OF 2 #4 AND 1 #8 THW WIRE WITH THE ENDS TAPED OR "SAFE OFF" PRIOR TO FINAL INSPECTION.

5. ANY STRUCTURE SUCH AS BLOCK WALLS, CHAIN LINK FENCES, RETAINING WALLS, ETC., SHALL LEAVE A MINIMUM CLEARANCE IN ACCORDANCE WITH THE USD 320A.

6. AS-BUILT DRAWINGS SHALL BE SUPPLIED TO THE TEFO PRIOR TO ANY PREFINAL INSPECTION. THE AS-BUILT DRAWING NEEDS TO BE STAMPED AS-BUILT AND SIGNED BY THE PREPARER.

7. SERVICE POINT SHALL BE COORDINATED WITH NV ENERGY, AND WHEREVER POSSIBLE, BE LOCATED NEAR THE CENTER OF THE CIRCUIT. SERVICE POINTS SHALL BE SHOWN ON THE PLANS.

8. IT SHALL BE ASSUMED THAT IN THE ABSENCE OF AN EXISTING, WORKABLE CIRCUIT TO ATTACH TO, ALL INSTALLATIONS SHALL REQUIRE A NEW SERVICE FOR OPERATION OF THE CIRCUIT.

9. WHEREVER THERE IS AN OVERHEAD UTILITY THAT MAY CONFLICT WITH THE INSTALLATION OF STREET LIGHTING CIRCUITS AND/OR POLES, THESE CONFLICTS MUST BE RESOLVED BETWEEN THE DEVELOPER AND THE UTILITIES INVOLVED BEFORE STREETLIGHT BASES ARE INSTALLED AT NO EXPENSE TO THE CITY OF LAS VEGAS.

10. THE CONTRACTOR SHALL FURNISH COMPLETE SERVICE TO TRANSFORMERS AND CONTROL SYSTEMS IF REQUIRED ON PLANS.

11. THE DEVELOPER/OWNER WILL BE REQUIRED TO SUPPLY POWER TO ALL NEW PUBLIC STREET LIGHTS INSTALLED UNDER THIS DESIGN PRIOR TO BOND RELEASE OR PROJECT COMPLETION. THE DEVELOPER/OWNER WILL BE RESPONSIBLE FOR ALL ITEMS ASSOCIATED WITH THE INSTALLATION, CONSTRUCTION, ENERGIZING, MAINTENANCE, AND OPERATIONAL COSTS OF SAID STREET LIGHTS PRIOR TO PROJECT COMPLETION. REFER TO THE PLAN FOR ANY NEW SERVICE REQUIREMENT. THE TRANSFER OF OWNERSHIP FROM THE DEVELOPER/OWNER TO THE CITY OF LAS VEGAS FOR ALL NEW PUBLIC STREET LIGHTS AND/OR SERVICES INSTALLED UNDER THIS PLAN DESIGN WILL BE IN CONJUNCTION WITH THIS PROJECT COMPLETION. COORDINATE ALL MAINTENANCE AND OPERATIONAL TRANSFERS WITH THE CITY OF LAS VEGAS TRAFFIC ENGINEERING DEPARTMENT (TEFO) (702) 229-6331.

CITY OF LAS VEGAS FIRE DEPARTMENT NOTES

1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CITY OF LAS VEGAS FIRE DEPARTMENT'S ORDINANCE # 6124, FOR HYDRANT SPECIFICATIONS AND HYDRANT INSTALLATION SPECIFICATION.

2. AUTHORIZED FIRE HYDRANTS FOR THIS PROJECT ARE:
   A. KENNEDY – GUARDIAN MODELS K81A AND K81D
   B. MUELLER – SUPER CENTURION 250 MODEL A-423
   C. CLOW – MEDALLION MODEL F-2546LVD
   D. U.S. PIPE – METROFLOW/M-03

3. A PERMIT IS REQUIRED FROM LAS VEGAS FIRE AND RESCUE FOR THE INSTALLATION OF ON-SITE WATER LINES AND FIRE HYDRANTS. THE PERMIT AND CONTRACTOS MATERIAL TEST CERTIFICATE FOR UNDERGROUND PIPING FORM SHALL BE OBTAINED FROM THE FIRE PROTECTION ENGINEER BEFORE COMMENCEMENT OF WORK.

4. ON ANY RESIDENTIAL OR COMMERCIAL INSTALLATIONS FIRE HYDRANTS SHALL BE INSTALLED AND FIRE APPARATUS ACCESS ROADS SHALL BE MAINTAINED BEFORE COMMENCEMENT OF ANY COMBUSTIBLE CONSTRUCTION. ALL FIRE HYDRANTS SHALL BE IN GOOD WORKING ORDER AND SHALL BE CAPABLE OF DELIVERING THE REQUIRED FIRE FLOW. SNFC#6124, SECTION 1412.

5. TO IDENTIFY THE FIRE HYDRANT LOCATIONS, CONTRACTOR SHALL PLACE A BLUE REFLECTIVE MARKER AT THE CENTER LINE OF STREET ADJACENT TO SNFC #6124 SECTION 507.5.7.3.

6. ALL UNDERGROUND INSPECTIONS, PRESSURE AND FLUSH VERIFICATIONS OF ALL FIRE HYDRANTS AND FIRE LINES, SHALL BE CONDUCTED BEFORE COVERING THE LINES. CENTER LOADING IS ACCEPTABLE FOR THE HYDRO TEST WITH PRIOR FIRE PREVENTION APPROVAL.

7. ALL ONSITE UNDERGROUND WATER MAINS AND MATERIALS SHALL BE UL LISTED A.W.W.A. APPROVED AND SHALL BE RATED FOR THE APPROPRIATE WORKING PRESSURE. SNFC 507.2.1, NFPA 24.

8. PAINTING OF THE CURBS, FIRE HYDRANTS, PADS, PROTECTION OF FIRE HYDRANTS FROM PHYSICAL DAMAGE, AND ALL OTHER WORK NECESSARY PER PLANS, SHALL BE COMPLETED BEFORE APPROVAL BY THE CITY OF LAS VEGAS FIRE AND RESCUE, FIRE PREVENTION DIVISION. IFC 507; NFPA24.

9. PRIVATE FIRE HYDRANTS SHALL BE PAINTED RED. SNFC 507.5.7.1

10. PRIOR TO THE FINAL OCCUPANCY, A FLOW TEST MUST BE WITNESSED BY THE CITY OF LAS VEGAS FIRE AND RESCUE, FIRE PREVENTION DIVISION TO VERIFY AVAILABILITY OF THE REQUIRED FIRE FLOW. IFC 507. SNFC 507.1.

11. FIRE HYDRANTS SPACING SHALL BE:
RESIDENTIAL – 500 FEET UNSPRINKLERED; 600 FEET SPRINKLERED.
COMMERCIAL – 300 FEET UNSPRINKLERED; 400 FEET SPRINKLERED.

12. WHERE NEW 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 MAXIMUM 1,000 FOOT SPACING, TO PROVIDE FOR TRANSPORTATION HAZARDS. WHERE STREETS ARE PROVIDED WITH MEDIAN DIVIDERS OR HAVE FOUR 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 FEET ON AN ALTERNATING BASIS.

13. NO FIRE HYDRANTS SHALL BE LOCATED WITHIN THE REQUIRED RADIUS OF A CUL-DE-SAC OR WITHIN 20 FEET OF THE PERIMETER OF THE RADIUS OF THE CUL-DE-SAC.

14. NO FIRE HYDRANTS SHALL BE LOCATED WITHIN 6 FEET OF ANY CURB RETURN, DRIVEWAY, POWER POLE, STREETLIGHT OR ANY OTHER OBSTRUCTION. FNFC C102.12.

15. THE MAXIMUM DISTANCE FROM A FIRE HYDRANT TO A ONE-TWO FAMILY DWELLING SHALL NOT EXCEED 300 FEET, AS MEASURED BY AN APPROVED ROUTE. SNFC 102.4

16. THE MAXIMUM DISTANCE FROM A FIRE HYDRANT TO A FIRE DEPARTMENT CONNECTION (FDC) SHALL NOT EXCEED 100 FEET, AS MEASURED BY AN APPROVED ROUTE. SNFC 102.6.

17. THE MAXIMUM DISTANCE FROM A FIRE HYDRANT TO THE END OF A DEAD-END STREET SHALL NOT EXCEED 200 FEET. SNFC 102.6.

18. TWO SOURCES OF SUPPLY ARE REQUIRED WHENEVER THERE ARE 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.

19. ALL FIRE APPARATUS ACCESS ROADS SHALL BE PAVED TO PROVIDE ALL-WEATHER DRIVING CAPABILITIES, AND SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF THE FIRE APPARATUS. SNFC 503.2.3.

20. THE GRADIENT FOR THE FIRE APPARATUS ACCESS ROADS SHALL NOT EXCEED 12% ANGLES OF APPROACH AND ANGLES OF DEPARTURE SHALL NOT EXCEED 6% FOR 25 FEET PRIOR TO OR AFTER THE GRADE CHANGE ADJACENT TOT HE STRUCTURES GRADIENT SHALL NOT EXCEED 6%. SNFC 503.2.7/503.2.8.

21. THE TURNING RADIUS OF THE FIRE APPARATUS ACCESS ROADS SHALL BE NO LESS THAN 52 FEET OUTSIDE AND 28 FEET INSIDE TURNING RADIUS. SNFC 503.2.4

22. VERTICAL CLEARANCE OF ALL FIRE APPARATUS ACCESS ROADS SHALL BE NOT LESS THAN 13 FEET 6 INCHES SNFC 503.2.1.1./IFC 503..

23. FIRE DEPARTMENT ACCESS ROADS IN ALL RESIDENTI

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

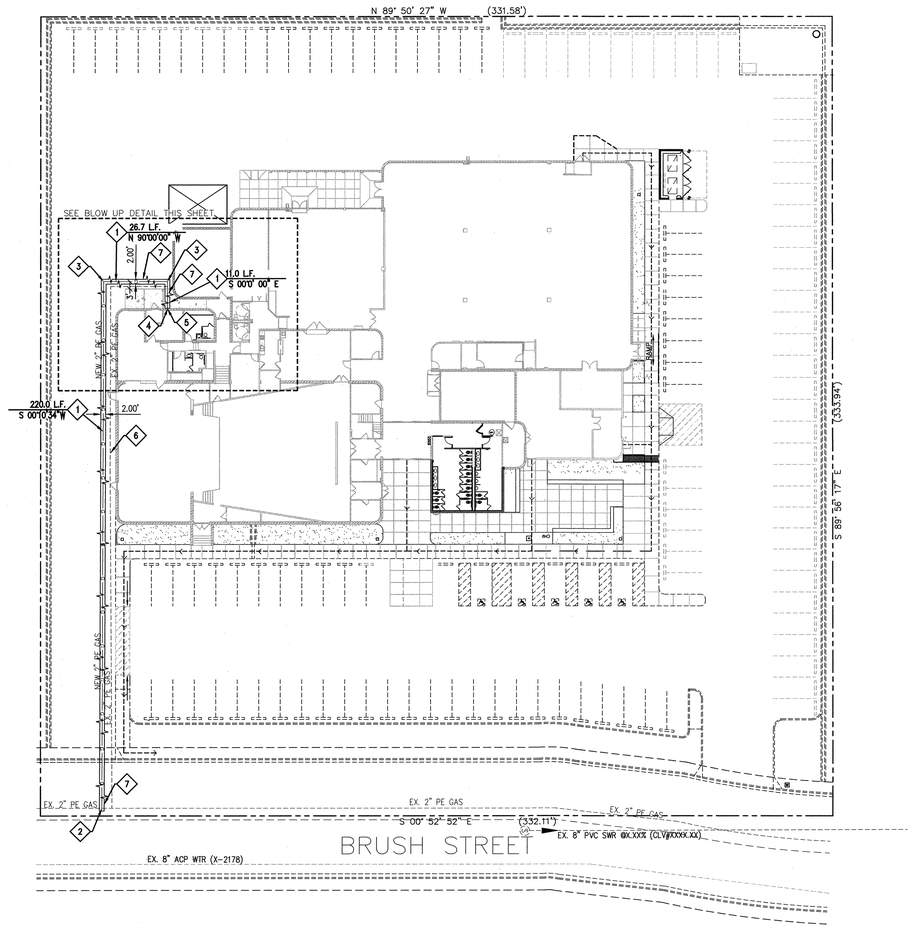
AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHT SYSTEM CONDUITS. IT'S COSTLY.
Call before you do UnderGround
1-702-432-5300
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

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

WATER NOTE:
ALL WATER LINES TO HAVE A MINIMUM DEPTH OF COVER OF FORTY EIGHT INCHES (42").

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

NORTH

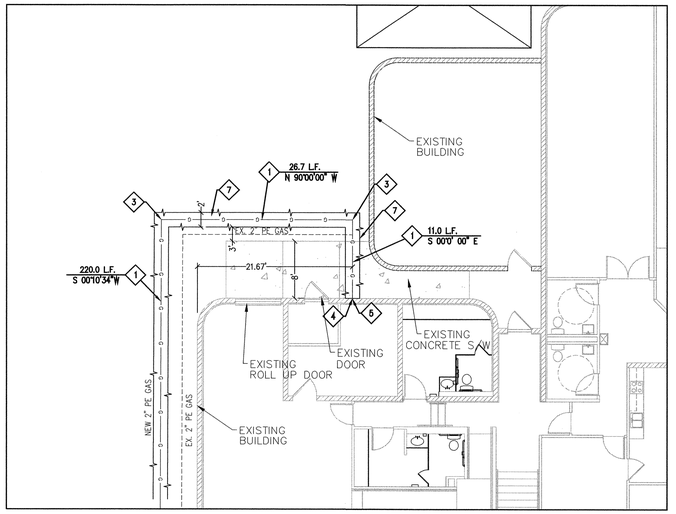


CONSTRUCTION NOTES

1. SUGGESTED GAS LINE LOCATIONS ARE TO CLEAR ALL SUBSTRUCTURE LOCATE DIN THE FIELD.
2. ALL PIPELINE CONSTRUCTION SHALL CONFORM TO APPLICABLE JURISDICTION SPECIFICATIONS.
3. DO NOT SCALE THIS DRAWING.
4. CHANGE IN PROPOSED MAIN LOCATION MUST BE AUTHORIZED BY SWG ENGINEER PRIOR TO INSTALLATION.
5. GAS MAINS SHALL BE PURGED PER OPERATIONS MANUAL.
6. ALL MAIN TIE-INS REQUIRING TEES ARE TO BE FULL FLOW TEES UNLESS OTHERWISE STATED.
7. TRENCHING AND PAVEMENT REPLACEMENT PER CCAUSD 503 AND 500.5.

GAS CONSTRUCTION NOTES

NUMBER	ITEM
1	PROPOSED 2" PE MAIN
2	PROPOSED 2" X 2" PE TAPPING TEE
3	PROPOSED 2" PE 90° BEND
4	PROPOSED GAS METER
5	EXISTING GAS METER
6	EXISTING GAS LINE (ABANDON)
7	SAWCUT, TRENCH, BACKFILL, AND PAVEMENT REPLACEMENT PER CCAUSD 503 AND 500.5. ASPHALT PATCH TO MATCH EXISTING ASPHALT



BLOW UP DETAIL OF GAS METER AREA
1"=10'

NOTE:
INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING, PER UDACS PLATE No. 15.

FIRE HYDRANT INSTALLATION:
FIRE HYDRANT(S) TO BE INSTALLED IN ACCORDANCE WITH THE UDACS STANDARD PLATE No. 40.

NOTE:
ALL ABOVE GROUND UTILITY APPURTENANCES SHALL CONFORM TO THE REQUIREMENTS OF TITLE 19.12.040.

FIRE DEPARTMENT APPROVAL:
APPROVAL BY THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LVVWD.

NOTES:

1. REPLACE ALL TRAFFIC CONTROL DEVICES (SIGNS OR PAVEMENT MARKINGS) UNDER CLARK COUNTY JURISDICTION THAT ARE DISTURBED, DESTROYED, MOVED OR MODIFIED BY TRENCHING ACTIVITY TO CLARK COUNTY SATISFACTION. ALL MATERIALS USED SHALL MEET CLARK COUNTY'S SPECIFICATIONS, OR WILL BE AN APPROVED EQUIVALENT.
2. IN THE EVENT THAT THE TRAFFIC SIGNAL CONDUITS, LOOP DETECTORS OR ASSOCIATED EQUIPMENT ARE DAMAGED BY THE CONTRACTOR, THE CONTRACTOR WILL HIRE AN IMSA LEVEL II ELECTRICAL CONTRACTOR TO MAKE REPAIRS PER UNIFORM SPECIFICATIONS No. 623 G.01.02.
3. CONTRACTOR SHALL CONTACT CLARK COUNTY TRAFFIC OPERATIONS @ 455-7511 TO SCHEDULE COUNTY TRAFFIC STAFF TO LOCATE UNDERGROUND STREETLIGHTING AND SIGNAL FACILITIES IN THE PROJECT AREA. A MINIMUM OF 48 HOURS NOTICE IS REQUIRED PRIOR TO THIS OPERATION. HOURS OF OPERATION ARE: 6:30AM – 3:00PM, MONDAY THROUGH FRIDAY, EXCLUDING HOLIDAYS.
4. TRENCH BACKFILL PER CCAUSD STD. DWG. No. 503 AND 504.1.

ASBESTOS CEMENT PIPE (ACP):
DISPOSAL OF ASBESTOS CEMENT PIPE SHALL BE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

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

THE DISTRICT CAN NOT GUARANTEE A WATERTIGHT SHUTDOWN WHERE CONNECTIONS OR REPAIRS TO EXISTING FACILITIES ARE REQUIRED. THE CONTRACTOR SHOULD ENSURE ALL LABOR AND EQUIPMENT IS AVAILABLE TO REMOVE FUGITIVE WATER THAT MAY IMPEDE CONSTRUCTION AT ALL TIMES COORDINATION WITH INSPECTION DIVISION MUST TAKE PLACE PRIOR TO ANY TRIAL SHUTDOWN.
CONTRACTOR TO INSTALL TEMPORARY SERVICE TO ENSURE PROPER SHUTDOWN IN THE EVENT NO OTHER APPURTENANCE IS AVAILABLE.

DISCLAIMER NOTE:

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.

REVIEWED FOR CODE COMPLIANCE
JUN 28 2016 DK
BUREAU VERITAS NORTH AMERICA, INC.

CITY OF LAS VEGAS NEVADA

REVISIONS

ARCHITECT
SRG ARCHITECTURE
2160 N. Green Valley Pkwy Suite 216 Henderson, Nevada 89128
Office (702) 563-2222 www.srgarchitecture.com

DEPARTMENT OF PUBLIC WORKS

Charleston Heights Community Center
– Renovation –

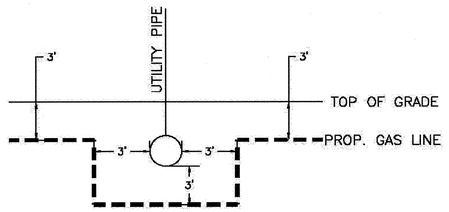
100% PERMIT SET
UTILITY PLAN

PROFESSIONAL ENGINEER - STATE OF NEVADA
RAY F. FREDERICKSEN
Exp. 06/30/17
CIVIL
No.17471

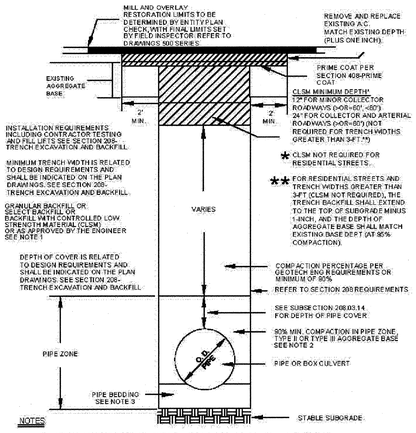
OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 384-4846
TDD: (702) 386-9108

DRAWN	CJT
FILE	
DATE	05/02/2016
SCALE	1" = 30'
BID NO	15.59806.JH
CLV DWG NO	620-10B
HANSEN NO	59806
SHT NO	3 OF 4

DRAWINGS AS INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE DESIGN PROFESSIONAL WHOSE STAMP OF CERTIFICATION APPEARS ON THE DRAWINGS AND SPECIFICATIONS AND MAY NOT BE REPRODUCTION IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT IS STRICTLY PROHIBITED COPIES OF THESE DRAWINGS AND SPECIFICATIONS RETAINED BY THE CLIENT MAY BE UTILIZED ONLY FOR OCCUPYING THE PROJECT FOR WHICH THEY WERE PREPARED AND NOT FOR THE CONSTRUCTION OF ANY OTHER PROJECT N A C 624.700



TYPICAL UTILITY CROSSING DETAIL
NOT TO SCALE



NOTES

1. NO STONES OR LUMPS GREATER THAN 3" PERMITTED IN TRENCH 2' OR LESS IN WIDTH.
2. TRENCH WIDTH, BEDDING, SUBGRADE AND PIPE ZONE REQUIREMENTS FOR UTILITY INSTALLATIONS SHALL CONFORM TO THE RESPECTIVE ENTITY REQUIREMENTS.
3. CRUSHED ROCK MAY BE USED FOR PIPE BEDDING ONLY IF MATERIAL USE HAS BEEN SPECIFICALLY APPROVED BY THE GOVERNING AGENCY. SEE STANDARD DRAWING NO. 505 FOR PIPE BEDDING METHODS.
4. LAS VEGAS VALLEY WATER DISTRICT REQUIRES PIPE BEDDING AND BACKFILL WITHIN THE PIPE ZONE TO BE OF THE SAME MATERIAL.

RTC STD DWG 503

CITY OF LAS VEGAS NEVADA

DEPARTMENT OF PUBLIC WORKS

REVISIONS

ARCHITECT

SHI TECTURE
ARCH
6750 Via Austi Parkway Suite 210 Las Vegas Nevada 89119
office (702) 385-2222
www.sh-architecture.com

Charleston Heights Community Center
– Renovation –

100% PERMIT SET
DETAIL SHEET

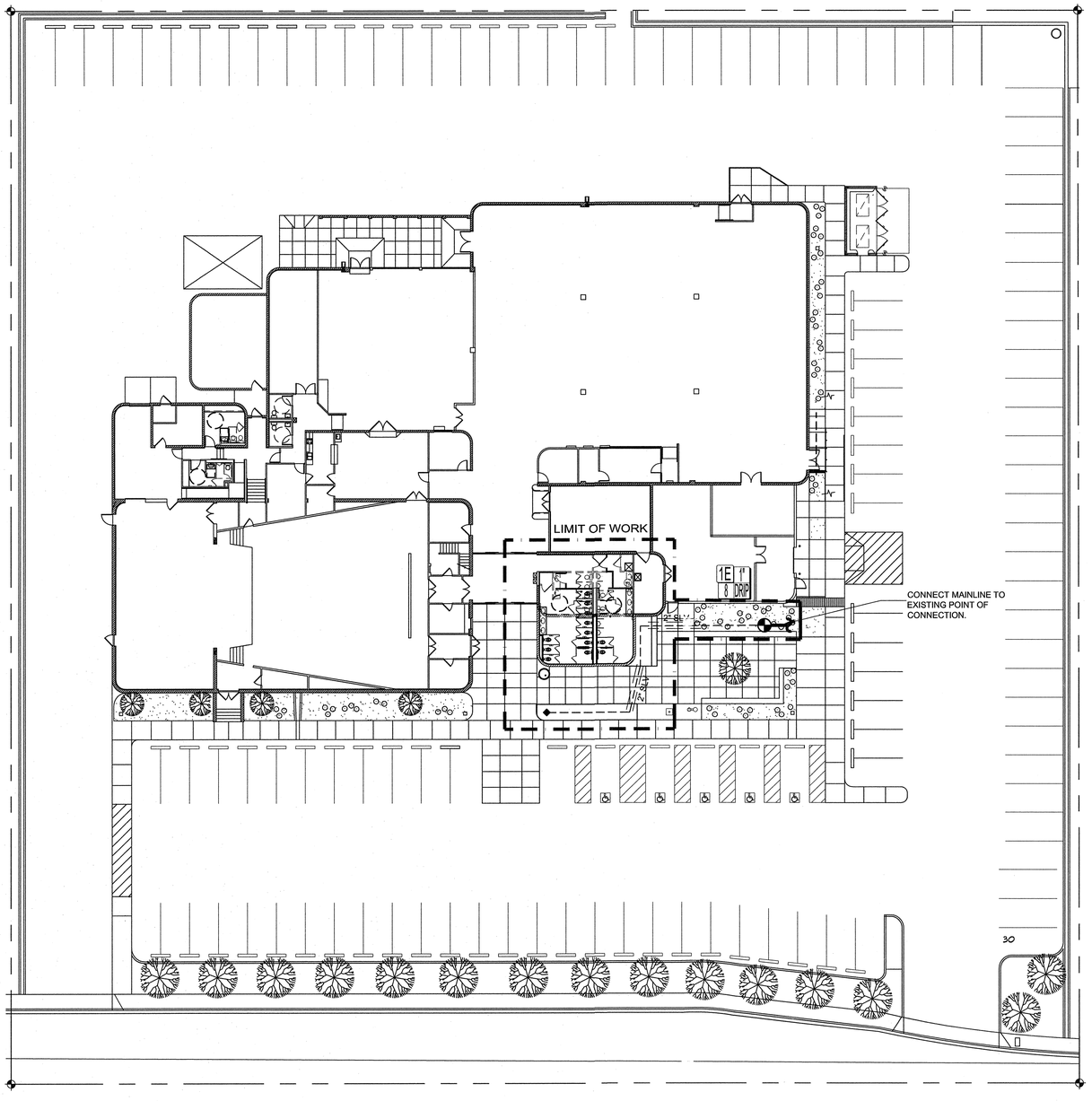
PROFESSIONAL ENGINEER-STATE OF NEVADA
RAY F. FREDERICKSEN
Exp. 06/30/17
CIVIL
No.17471
5/5/16

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 384-4846
TDD: (702) 386-9108

DRAWN	CJT
FILE	
DATE	05/02/2016
SCALE	1" = 30'
BID NO	15.59806.JH
CLV DWG NO	620-10B
HANSEN NO	59806
SHT NO	4 OF 4

DRAWINGS AS INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE DESIGN PROFESSIONAL WHOSE STAMP OF CERTIFICATION APPEARS ON THE DRAWINGS AND SPECIFICATIONS AND SHALL NOT BE USED BY THE CLIENT WHO UTILIZES ONLY FOR OCCUPYING THE PROJECT FOR WHICH THEY WERE PREPARED AND NOT FOR THE CONSTRUCTION OF ANY OTHER PROJECT N A C 623.280
ALL RIGHTS RESERVED BY THE CLIENT MAY BE UTILIZED ONLY FOR OCCUPYING THE PROJECT FOR WHICH THEY WERE PREPARED AND NOT FOR THE CONSTRUCTION OF ANY OTHER PROJECT N A C 623.280
ALL RIGHTS RESERVED BY THE CLIENT AND SPECIFICATIONS RETAINED BY THE CLIENT MAY BE UTILIZED ONLY FOR OCCUPYING THE PROJECT FOR WHICH THEY WERE PREPARED AND NOT FOR THE CONSTRUCTION OF ANY OTHER PROJECT N A C 623.280
DRAWINGS AS INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE DESIGN PROFESSIONAL WHOSE STAMP OF CERTIFICATION APPEARS ON THE DRAWINGS AND SPECIFICATIONS AND SHALL NOT BE USED BY THE CLIENT WHO UTILIZES



A IRRIGATION PLAN

1" = 20'-0"

IRRIGATION SCHEDULE

IRRIGATION COMPONENTS

SYMBOL	ITEM	DESCRIPTION	DETAIL(S)
~	EXISTING POINT OF CONNECTION	EXISTING POC TO REMAIN & PROTECT	
	EXISTING REMOTE CONTROL VALVE	CONTRACTOR SHALL VERIFY WHICH EXISTING VALVES ARE TO REMAIN IN USE PRIOR TO START OF CONSTRUCTION. IF VALVE IS NOT LONGER IN USE FOR EXISTING PLANT AND TURF AREAS, CONTRACTOR SHALL REMOVE VALVE AND REPAIR MAINLINE.	
◆	FLUSH VALVE	3/4" SCHEDULE 80 PVC BALL VALVE 150 PSI RATED.	D SHEET L3.01
IR	EXISTING MAINLINE	SCHEDULE 40 PVC. CONTRACTOR TO FIELD VERIFY LOCATION AND ADJUST IRRIGATION AS REQUIRED FOR NEW PLANTERS.	
	DRIP LINE HEADER FOR SHRUBS	3/4" FLEXIBLE PVC DRIP TUBING TO NO MORE THAN 8' OF 1/2" EXCALIBER DRIP PIPE TO EMITTER. SEE DETAIL FOR EMITTER LATERAL PIPE INSTALLATION.	A SHEET L3.01
SLV	SLEEVE	SCHEDULE 40 PVC. SIZE PER PLAN.	E SHEET L3.01

EMITTERS, SPRAY HEADS AND ROTOR HEADS

SYM.	MANUFACTURER/MODEL	PAT.	RD	PSI	GPM Q	T	H	TT	TQ	F	DRIP GPH	DETAIL(S) SHEET L3.01
NOT SHOWN	SALCO SLV-PST-1 EMITTERS WITH BLACK SCHEDULE 40 MALE ADAPTERS FOR SHRUBS	–	–	30	-	-	-	-	-	-	1.0	A,B,C
NOT SHOWN	SALCO SLV-PST-2 EMITTERS WITH BLACK SCHEDULE 40 MALE ADAPTERS FOR TREES.	–	–	30	-	-	-	-	-	-	2.0	A,B,C

IRRIGATION NOTES

1. SEE SHEETS L3.01 OR IRRIGATION DETAILS.
2. THE DRIP IRRIGATION SYSTEM IS DESIGNED TO ACCOMMODATE A MAXIMUM OF 8 GPM PER DRIP VALVE ASSEMBLY.
3. CONTRACTOR TO COORDINATE EXACT LOCATION OF EXISTING IRRIGATION CONTROLLER WITH OWNER. CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR AND ALL TRADES.
4. BRING ANY DISCREPANCIES IMMEDIATELY TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE FOR IMMEDIATE RESOLUTION.
5. CONTRACTOR TO LOCATE AND VERIFY LOCATIONS OF ALL IRRIGATION EQUIPMENT AND UTILITIES PRIOR TO DEMOLITION AND CONSTRUCTION.
6. USE EXISTING MAINLINE. PROVIDE NEW MAINLINE AS NECESSARY. REMOVE EXISTING VALVES IF THEY ARE NO LONGER NEEDED AND CAP THE ASSOCIATED IRRIGATION LINES. CONTRACTOR TO FIELD VERIFY SIZES, LOCATIONS AND TYPE OF EXISTING MAINLINES PRIOR TO DEMOLITION OR INSTALLATION OF NEW LANDSCAPE AND IRRIGATION ALL LOCATIONS MUST BE VERIFIED.
7. THE VALVE IDENTIFICATION ON THIS PLAN ARE GENERIC. THE "E" DESIGNATION REFERS TO THE EXISTING CONTROLLER. ALL STATION IDENTIFICATIONS (ON LID AND TAGS) NEED TO CORRESPOND TO THE EXISTING CONTROLLER'S DESIGNATIONS.
8. CONTRACTOR TO PROTECT AND PRESERVE EXISTING IRRIGATION COMPONENTS NECESSARY FOR THE CONTINUED IRRIGATION OF THE ENTIRE IRRIGATION SYSTEM . CONTRACTOR TO REPLACE ANY EXISTING COMPONENTS DAMAGED DURING DEMOLITION OR CONSTRUCTION WITH COMPONENTS OF THE SAME MANUFACTURER, MODEL, SIZE, ETC. AT THE CONTRACTOR'S EXPENSE.
9. CONTRACTOR TO MAINTAIN IRRIGATION TO EXISTING PLANT MATERIAL THAT IS TO REMAIN DURING DEMOLITION AND CONSTRUCTION. A TEMPORARY IRRIGATION SYSTEM AND/OR HAND WATERING MAY BE NECESSARY DURING CONSTRUCTION TO PROTECT AND PRESERVE EXISTING LANDSCAPE. CONTRACTOR RESPONSIBLE FOR ANY PLANT MATERIAL DAMAGED BY LACK OF IRRIGATION.
10. SOME MODIFICATIONS TO IRRIGATION LINES AND IRRIGATION SYSTEM COMPONENTS MAY BE NECESSARY THAT ARE NOT SHOWN ON THE PLANS. THE PLANS WERE DERIVED FROM LIMITED INFORMATION ON THE EXISTING IRRIGATION SYSTEM. REROUTE IRRIGATION MAINLINES, LATERAL LINES AND WIRES; AND STUB AND CAP MAINLINES AND LATERAL LINES AS NECESSARY TO PROVIDE A COMPLETE FUNCTIONING IRRIGATION SYSTEM FOR THE ENTIRE SITE. PROVIDE SLEEVES FOR ALL PIPES AND WIRES UNDER HARDSCAPE.

Call before you Dig
AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call 811 OR 1-800-227-2600

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

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

0 20' 40' 60'

SCALE: 1" = 20'

southwick LANDSCAPE ARCHITECTS
1700 W Horizon Ridge Pkwy, Suite 203 702.597.3108
Henderson NV 89012 www.southwickla.com

CITY OF LAS VEGAS NEVADA

DEPARTMENT OF PUBLIC WORKS

REVISIONS

ARCHITECT
SH ARCHITECTURE
7250 Peal Drive Suite 210 Las Vegas Nevada 89128
office 702.363.2222 www.sh-architecture.com

Charleston Heights Community Center
- Renovation -

IRRIGATION PLAN

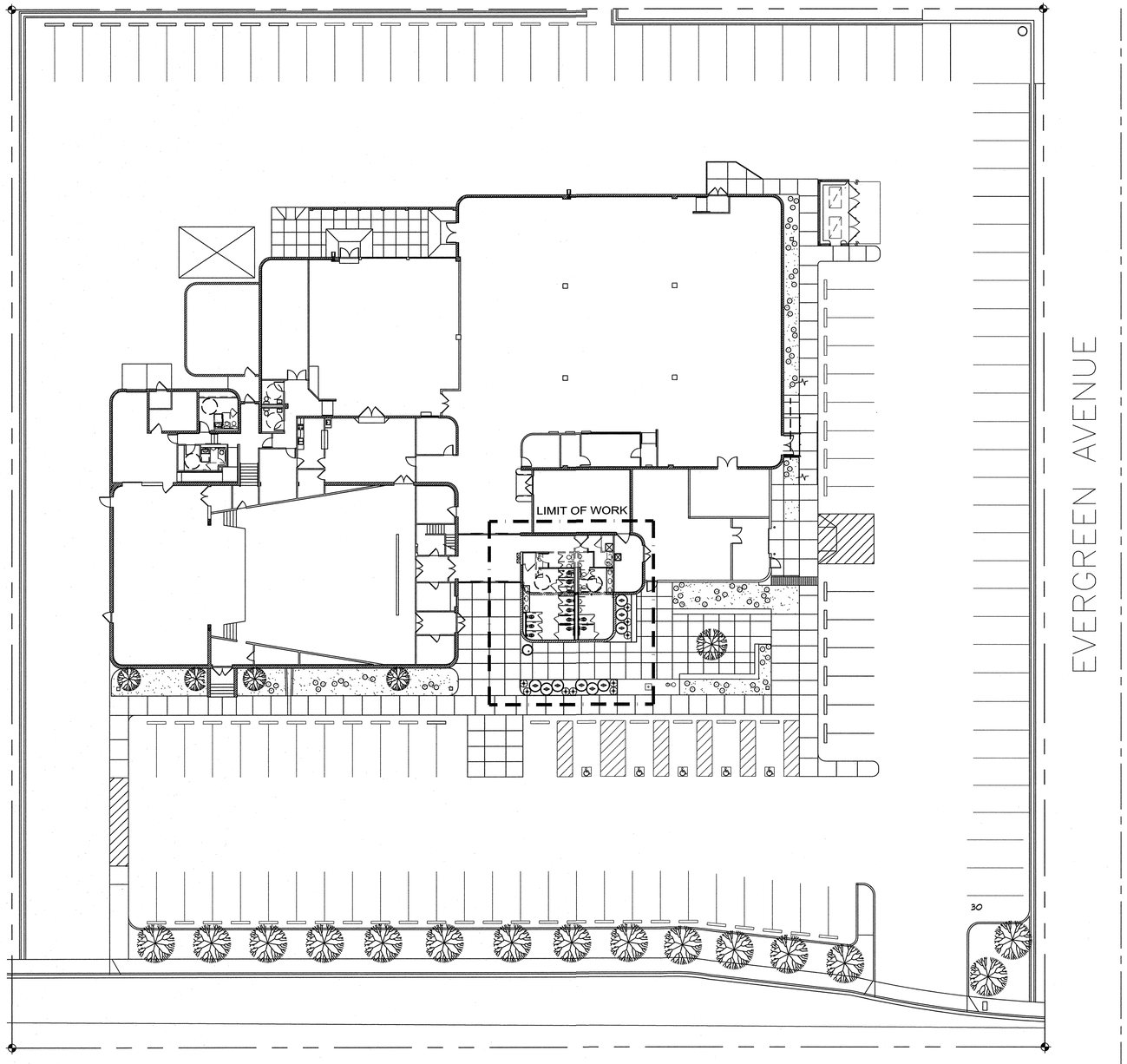
REGISTERED LANDSCAPE ARCHITECT
CASSIE GRIMES
584
Expires:06/30/16
STATE OF NEVADA
5/2/2016

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 384-4846
TDD: (702) 386-9108

DRAWN	JM
FILE	15-084
DATE	05/02/2016
SCALE	–
BID NO	15.59806.JH
CLV DWG NO	620-10B
HANSEN NO	59806
SHT NO	L1.01

DRAWINGS AS INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE DESIGN PROFESSIONAL WHOSE STAMP OF CERTIFICATION APPEARS ON THE DRAWINGS AND SPECIFICATIONS ANY USE OR REPRODUCTION IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT IS STRICTLY PROHIBITED COPIES OF THE DRAWINGS AND SPECIFICATIONS RETAINED BY THE CLIENT MAY BE UTILIZED ONLY FOR OCCUPYING THE PROJECT FOR WHICH THEY WERE PREPARED AND NOT FOR THE CONSTRUCTION OF ANY OTHER PROJECT N A C 623.780



A **PLANTING PLAN**

1" = 20'-0"

PLANTING LEGEND

TREES

SYMBOL	BOTANICAL NAME COMMON NAME	QTY.	CALIPER MINIMUM SIZE
	EXISTING TREE TO REMAIN PROTECT IN PLACE		

SHRUBS

SYMBOL	BOTANICAL NAME COMMON NAME	QTY.	MINIMUM SIZE
	EXISTING SHRUB TO REMAIN PROTECT IN PLACE		
	LANTANA SP. 'NEW GOLD' GOLDEN LANTANA	8	5 GALLON
	XYLOSMA CONGESTUM 'COMPACTA' COMPACT SHINY XYLOSMA	8	5 GALLON

LANDSCAPE ELEMENTS

SYMBOL	DESCRIPTION	QTY.	DETAIL
DR	DECORATIVE ROCK SIZE: MATCH EXISTING COLOR: MATCH EXISTING ALL PLANTER AREAS TO RECEIVE 2" MINIMUM DEPTH LAYER UNLESS OTHERWISE NOTED , SEE NOTE 1.	250 S.F.	'G', L3.01

PLANTING NOTES

1. DECORATIVE ROCK (DR) - INSTALL THE MINIMUM LAYER OF DECORATIVE ROCK IN ALL LANDSCAPE AREAS WITHIN LANDSCAPE LIMIT OF WORK EXCEPT WHERE OTHERWISE NOTED. CONTRACTOR TO PROVIDE SAMPLES OF DECORATIVE ROCK FOR APPROVAL PRIOR TO INSTALLATION. COMPACT SUB-GRADE TO 85% AND APPLY A PRE-EMERGENT HERBICIDE TO SOIL. AFTER PLACING ROCK: RAKE SMOOTH, WET TO ENTIRE DEPTH, ALLOW TO DRY, THEN LIGHTLY SCARIFY SURFACE WITH A LEAF RAKE. APPLY A SECONDARY APPLICATION OF PRE-EMERGENT HERBICIDE TO TOP OF ROCK. KEEP TOP OF ROCK 2" BELOW TREE GRATE. DO NOT ALLOW ROCK TO TOUCH THE TRUNK OF ANY TREE. TO BE INSTALLED AFTER INSTALLATION OF PLANT MATERIAL.
2. CONTRACTOR TO PRESERVE AND PROTECT EXISTING TREES IDENTIFIED ON PLAN BY AN EXITING TREE SYMBOL. CONTRACTOR TO PRESERVE AND PROTECT LANDSCAPE OUTSIDE LIMIT OF LANDSCAPE WORK.
3. PRIOR TO BEGINNING WORK, CONTRACTOR TO INVENTORY EXISTING PLANTS AND MARK THOSE TO REMAIN FOR APPROVAL BY OWNER. CONTRACTOR TO VERIFY THAT EXISTING TREES TO REMAIN WILL NOT BE DAMAGED BY DEMOLITION OR CONSTRUCTION. IF EXISTING TREES AND/OR LANDSCAPE TO REMAIN IS DAMAGED DURING DEMOLITION OR CONSTRUCTION, TREE(S)/SHRUB(S) TO BE REPLACED AT CONTRACTORS EXPENSE WITH PLANT(S) OF SAME GENUS, SPECIES, VARIETY, FORM AND SIZE.
4. CONTRACTOR TO PROTECT IN PLACE EXISTING UTILITIES. CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION. CONTRACTOR TO USE CAUTION. CALL BEFORE YOU DIG AND CALL BEFORE YOU OVER HEAD.

PLANS APPROVED
PLANNING
Building & Safety Dept.
City of Las Vegas, Nevada

LHM JUN 30 2016

Conforms to the minimum requirements of LVMC Title 19, applicable Master Plan development standards and/or Conditions of Approval. Make No Change Without Approval. Plan is Not a Permit to Violate Any Ordinance.

Call before you Dig
AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call 811
OR
1-800-227-2600

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

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

0 20' 40' 60'

SCALE: 1" = 20'

southwick
LANDSCAPE ARCHITECTS
1700 W Horizon Ridge Pkwy, Suite 203 702.597.3108
Henderson NV 89012 www.southwickla.com

CITY OF LAS VEGAS NEVADA

REVISIONS

ARCHITECT

SH ARCHITECTURE
7250 Peak Drive Suite 216 Las Vegas Nevada 89128
office 702.363.2222 www.sh-architecture.com

Charleston Heights Community Center
- Renovation -

PLANTING PLAN

REGISTERED LANDSCAPE ARCHITECT
CASEY GAMES
584
Expires:06/30/16
STATE OF NEVADA
5/2/2016

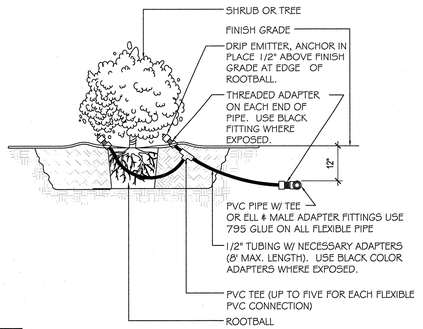
OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 384-4846
TDD: (702) 386-9108

DRAWN	JM
FILE	15-084
DATE	05/02/2016
SCALE	-
BID NO	15.59806.JH
CLV DWG NO	620-10B
HANSEN NO	59806
SHT NO	L2.01

DEPARTMENT OF PUBLIC WORKS

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A DRIP EMITTER

NTS

EMITTER SCHEDULE

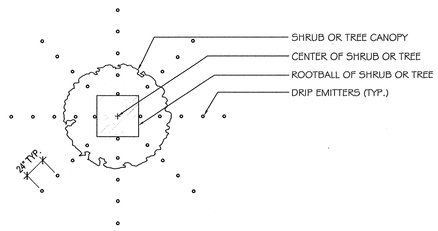
PLANT SIZE	QTY	GPH
1 Gallon Shrub	1	1
5 Gallon Shrub	2	1
15 Gallon Shrub	4	1
15 Gallon Tree	8	2
24" Box Tree	12	2
36" Box Tree	20	2
Palm Tree	20	2
Agave	2	0.5
Cacti	1	0.5
Existing Tree	20	2

NOTES:
1. THE IRRIGATION TO CACTI IS TO BE CAPPED ONCE THE PLANTS ARE ESTABLISHED.
2. EMITTER QUANTITIES FOR TREES CAN BE REDUCED IF PLANTER AREAS ARE TOO SMALL TO PROVIDE ADEQUATE ROOM FOR SPECIFIED EMITTERS.
3. PROVIDE A MINIMUM OF (4) EMITTERS TO TREES IN PLANTERS 36 SQUARE FEET OR LESS.

B EMITTER SCHEDULE

NTS

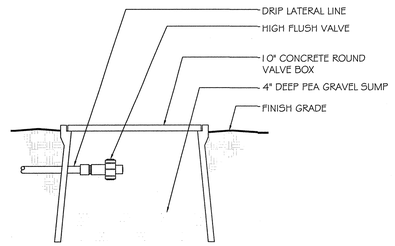
NOTES:
1. THIS IS A SUGGESTED EMITTER LAYOUT PLAN. ACTUAL LAYOUT MAY VARY DEPENDING ON SURROUNDING FEATURES. THE INTENT IS TO PROVIDE WATER FOR FUTURE ROOT GROWTH.
2. ADJACENT TREES AND SHRUBS MAY SHARE THE SAME EMITTER WHERE PATTERNS OVERLAP.
3. BEGIN PLACEMENT OF EMITTERS ADJACENT TO ROOTBALL OF PLANT AND WORK OUTWARD IN ALL DIRECTIONS UNTIL THE REQUIRED NUMBER OF EMITTERS PER PLANT IS OBTAINED. WHERE LARGE PLANTS ARE INSTALLED IN NARROW PLANTERS REDUCE THE QUANTITY OF EMITTERS TO FIT THE SPACE. 5'-0" SQUARE PARKING LOT PLANTERS ONLY NEED FOUR TREE EMITTERS. KEEP ALL EMITTERS 18" FROM ANY CURB, WALK, OR OTHER PLANTER EDGE AND 36" FROM ANY BUILDING OR STRUCTURE.



C EMITTER LAYOUT

NTS

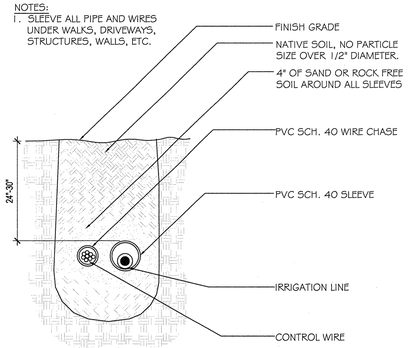
NOTE:
1. INSTALL FLUSH VALVE NEAR THE ROOTBALL OF A TREE OR LARGE SHRUB.



D DRIP FLUSH VALVE

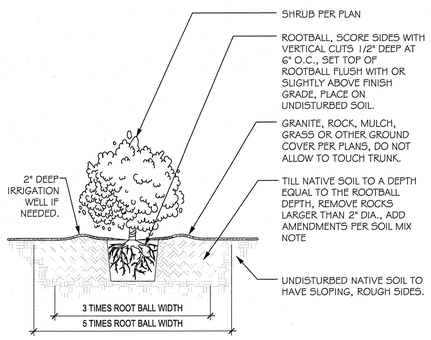
NTS

NOTES:
1. SLEEVE ALL PIPE AND WIRES UNDER WALKS, DRIVEWAYS, STRUCTURES, WALLS, ETC.



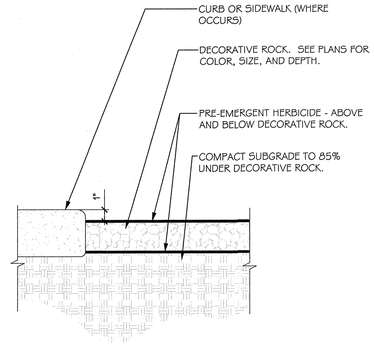
E SLEEVE SECTION

NTS



F SHRUB PLANTING

NTS



G DECORATIVE ROCK

NTS

BACKFILL MIX FOR ALL TREES, SHRUBS, VINES AND OTHER CONTAINER PLANT MATERIAL OTHER THAN BARE ROOT PALM TREES TO BE THOROUGHLY MIXED IN THE TILLED NATIVE SOIL AREA OF THE PLANTING HOLE AND CONSIST OF THE FOLLOWING:

4 PARTS BY VOLUME ON SITE SOIL (NO PARTICLE OVER 2" DIA.)
1 PARTS BY VOLUME ORGANIC SOIL CONDITIONER

AFTER PLANT INSTALLATION, EVENLY BROADCAST THE FOLLOWING AMENDMENTS OVER THE TILLED NATIVE SOIL AREA AROUND THE ROOTBALL OF THE PLANT AND WORK INTO THE TOP 2" OF SOIL:

1 LB. 15-15-15 FERTILIZER PER 25 SQ. FT. OF TILLED SURFACE AREA
2 LB. IRON SULFATE PER 25 SQ. FT. OF TILLED SURFACE AREA

H SOIL MIX NOTE

NTS

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Henderson NV 89012 www.southwickla.com

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REVISIONS

ARCHITECT

SH ARCHITECTURE
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office 702.363.2222 www.sh-architecture.com

Charleston Heights Community Center
- Renovation -

LANDSCAPE DETAILS

REGISTERED LANDSCAPE ARCHITECT
CASSIE GRIMES
584
Expires:06/30/16
STATE OF NEVADA
5/2/2016

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
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CHARLESTON HEIGHTS COMMUNITY CENTER RENOVATION

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LAS VEGAS, NV 89107

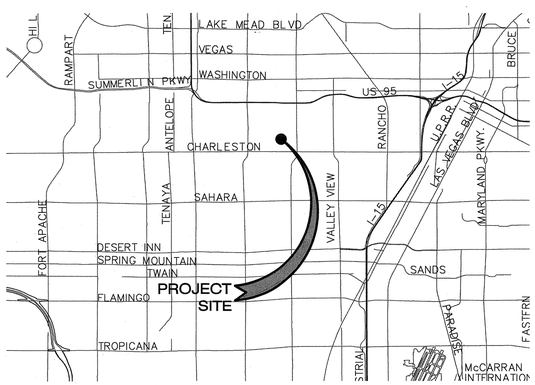
Index Of Drawings

△3

SHT.#	DESCRIPTION	△	DATE	DESCRIPTION
PROJECT MANUAL				
–	UNDER SEPARATE COVER	–	–	–
GENERAL INFORMATION				
AG0.00	COVER SHEET	3	9/6/16	PLAN CHECK COMMENTS
AG1.10	SYMBOL LEGEND, GENERAL NOTES AND ABBREVIATIONS	–	–	–
AG1.20	ACCESSIBILITY CLEARANCE STANDARDS	–	–	–
AG2.10	CODE ANALYSIS	3	9/9/16	PLAN CHECK COMMENTS
AG3.10	TYPICAL PARTITION FRAMING AND DETAILS	1	7/18/16	PLAN CHECK COMMENTS
AG4.10	EXITING PLANS	2	8/2/16	PLAN CHECK COMMENTS
CIVIL				
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2 OF 4	GENERAL NOTES AND QUANTITIES	–	–	–
3 OF 4	UTILITY PLAN	–	–	–
4 OF 4	DETAIL SHEET	–	–	–
		1	7/18/16	PLAN CHECK COMMENTS
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L1.01	IRRIGATION PLAN	–	–	–
L2.01	PLANTING PLAN	–	–	–
L3.01	LANDSCAPE DETAILS	–	–	–
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AD1.11	ENLARGED DEMO SITE PLAN	–	–	–
AD2.10	OVERALL DEMO PLAN	3	9/6/16	PLAN CHECK COMMENTS
AD2.11	ENLARGED DEMO PLANS	3	9/6/16	PLAN CHECK COMMENTS
AD3.10	DEMO CEILING PLAN	1	7/18/16	PLAN CHECK COMMENTS
AD4.10	DEMO ROOF PLAN	–	–	–
A1.10	SITE PLAN	–	–	–
A1.20	TRASH ENCLOSURE PLAN, ELEVATIONS AND DETAILS	1	7/18/16	PLAN CHECK COMMENTS
A2.10	OVERALL FLOOR PLAN	3	9/6/16	PLAN CHECK COMMENTS
A2.11	ENLARGED FLOOR PLANS	1	7/18/16	PLAN CHECK COMMENTS
A3.10	OVERALL REFLECTED CEILING PLAN	1	7/18/16	PLAN CHECK COMMENTS
A3.10A	REFLECTED CEILING PLAN A	1	7/18/16	PLAN CHECK COMMENTS
A3.10B	REFLECTED CEILING PLAN B	1	7/18/16	PLAN CHECK COMMENTS
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A4.10	ROOF PLAN	1	7/18/16	PLAN CHECK COMMENTS
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E0.01	IECC AND FIXTURE SCHEDULES	–	–	–
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ED1.10	DEMOLITION ELECTRICAL ROOF PLAN	–	–	–
ED2.10	DEMOLITION LIGHTING PLAN	–	–	–
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E4.00	ENLARGED ELECTRICAL PLANS	–	–	–
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M0.04	ENERGY COMPLIANCE	–	–	–
MD1.10	DEMOLITION MECHANICAL ROOF PLAN	–	–	–
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MD2.10A	DEMOLITION MECHANICAL PLAN	3	9/6/16	GENERAL REVISION
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P4.01	ENLARGED PLUMBING PLANS	–	–	–
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P5.01	PLUMBING ISOMETRIC DIAGRAM	–	–	–
P6.00	DESIGN DETAILS	–	–	–
P6.01	DESIGN DETAILS	–	–	–
P6.02	DESIGN DETAILS	–	–	–

Vicinity Map



Project Team

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(T): 702.229.1046

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(F) 702.597.3177

CITY OF LAS VEGAS NEVADA

LAS VEGAS CITY COUNCIL
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CITY OF LAS VEGAS
DEPARTMENT OF PLANNING
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333 NORTH RANCHO DRIVE
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LAS VEGAS, NEVADA 89106
VOICE 702.229.6301
FAX 702.474.0362
TTY 7-1-1
www.lasvegasnevada.gov
/city of las vegas

April 12, 2016

Mr. Patrick Batte
City of Las Vegas
Department of Public Works
333 North Rancho Drive
Las Vegas, Nevada 89106

RE: SDR-63790 [PRJ-63146] – ADMINISTRATIVE SITE DEVELOPMENT PLAN REVIEW
ADMINISTRATIVE CYCLE – APRIL 2016

Dear Mr. Shaffer:

Your request for a Minor Site Development Plan Review FOR A 1,000 SQUARE-FOOT RESTROOM ADDITION AND NEW TRASH ENCLOSURE FOR AN EXISTING CIVIC BUILDING on 2.29 acres on the east side of Brush Street, approximately 150 feet south of Evergreen Avenue (APN 138-36-801-002), C-V (Civic) Zone, Ward 1(Tarkanian) [PRJ-63146], has been considered administratively by the Department of Planning staff.

The Department of Planning has administratively ***APPROVED*** your request subject to the following:

Planning

1. Conformance to the Conditions of Approval for Rezoning (Z-53-63) shall be required, if approved.
2. This approval shall be void two years from the date of final approval, unless exercised pursuant to the provisions of LVMC Title 19.16. An Extension of Time may be filed for consideration by the City of Las Vegas.
3. All necessary building permits shall be obtained and final inspections shall be completed in compliance with Title 19 and all codes as required by the Department of Building and Safety.
4. These Conditions of Approval shall be affixed to the cover sheet of any plan set submitted for building permit.
5. A fully operational fire protection system, including fire apparatus roads, fire hydrants and water supply, shall be installed and shall be functioning prior to construction of any combustible structures.
6. All City Code requirements and design standards of all City Departments must be satisfied, except as modified herein.

2014 WINNER OF THE U.S. CONFERENCE OF MAYORS CLIMATE PROTECTION AWARD

SDR-63790 [PRJ-63146] - Page Two
April 12, 2016

Public Works

7. Unless otherwise allowed by the City Engineer, record a "Declaration of Intent" for public sewer purposes such that when it is combined with the existing Public Sewer Easement (recorded document #910814:00928) the total width for sewer purposes is 20 feet wide over the existing public sewer which traverses this property.
8. No trees or vegetation taller than three feet shall be allowed along the north 20-feet of this site.

This action by the Department of Planning staff on April 12, 2016 is final unless a written appeal is filed with the Director of the Department of Planning within ten days of the date of this letter.

Sincerely,

Steve Gebeke, AICP
Planning Supervisor

SG:nl

cc:
Christel Jefferson
SH Architecture
7250 Peak Drive, Ste. 216
Las Vegas, Nevada 89128

RECEIVED
SEP 13 2016
CITY OF LAS VEGAS

THESE PLANS WERE CHECKED UNDER [redacted] THE 2011 NEC, AND THE 2012 IBC, UPC, AND UMC

DEPARTMENT OF PUBLIC WORKS

REVISIONS
△1 7/18/16 PLAN COMMENTS
△2 8/2/16 PLAN COMMENTS
△3 9/6/16 PLAN COMMENTS

ARCHITECT
SH ARCHITECTURE
7250 Peak Drive Suite #216 Las Vegas Nevada 89128
office 702.363.2222 www.sh-architecture.com

Charleston Heights Community Center – Renovation –

COVERSHEET

JOHN A. SAWYER — No. 11258 — REGISTERED ARCHITECT — STATE OF NEVADA
09/06/2016

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 384-4846
TDD: (702) 386-9108

DRAWN	CJT
FILE	
DATE	05/02/2016
SCALE	
BID NO	15.59806.JH
CLV DWG NO	620–10B
HANSEN NO	59806
SHT NO	AG0.00

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ABBREVIATIONS

#	Pound Or Number	H.C.	Hollow Core
#	Number	H.M.	Hollow Metal
&	And	HOWD.	Hardwood
@	At	HOWE	Hardware
A.B.	Anchor Bolt	HGT.	Height
A.C.	Asphalt Concrete	HORIZ.	Horizontal
A.D.	Area Drain	HR.I.D.	Hour
A.F.F.	Above Finish Floor	INSUL.	Inside Diameter
A.F.G.	Above Finish Grade	INT.	Insulation
A.F.S.	Above Floor Slab	JAN.	Interior
A.V.	Audio/Visual	JT.	Janitor
ABV.	Above	K.O.	Joint
ACOUS.	Acoustical	KIT	Knock Out
ACT.	Acoustical Ceiling Tile	L.F.	Kitchen
ADJ.	Adjustable	L.K.R.	Linear Foot
AGGR.	Aggregate	LAB.	Locker
AL	Aluminum	LAM	Laboratory
ANOD.	Anodized	LAV.	Laminate
APPROX.	Approximate	LT	Lavatory
ARCH.	Architectural	M.C.	Light
ASPH.	Asphalt	M.O.	Medicine Cabinet
B.C.	Back Of Curb	MAX.	Masonry Opening
B.M.	Bench Mark	MECH.	Maximum
B.U.R.	Built Up Roof	MEMB	Mechanical
BD.	Board	MET.	Membrane
BITUM.	Bituminous	MFR	Metal
BLDG.	Building	MH.	Manufacturer
BLK.	Block	MIN.	Manhole
BLKG.	Blocking	MIR.	Minimum
BM.	Beam	MISC.	Mirror
B.O.	Bottom Of	MTD.	Miscellaneous
BRG.	Bearing	MUL.	Mounted
BTW.	Between	N.	Mullion
C.B.	Catch Basin	N.I.C.	North
C.F.C.I.	Contractor Furnished / Contractor Installed	N.T.S.	Not In Contract
		NO.	Not To Scale
C.F.O.I.	Contractor Furnished / Owner Installed	NOM.	Number
		O.C.	Nominal
C.G.	Corner Guard	O.D.	On Center
C.I.	Cast Iron	O.F.C.I.	Outside Diameter (Dim)
C.J.	Construction Joint		Owner Furnished / Contractor Installed
C.M.U.	Concrete Masonry Unit	O.F.O.I.	
C.O.	Clean Out		Owner Furnished / Owner Furnished
C.R.	Cold Rolled	OA.	
C.T.	Ceramic Tile	OBS.	Overall
CAB.	Cabinet	OFF.	Obscure
CEM.	Cement	OPNG.	Office
CEM. PLAST.	Cement Plaster	OPP.	Opening
CER.	Ceramic	P.B.	Opposite
CL	Center Line	P.L.	Peg Board
CLG.	Ceiling	P.T.D.	Property Line
CLKG.	Caulking	P.T.D/R	Paper Towel Dispenser
CLR.	Clear	P.T.R.	P.T.D. And Receptacle
CNTR.	Counter	PC.	Paper Towel Receptacle
COL.	Column	PLAM.	Plate
CONC.	Concrete	PLUM.	Plastic Laminate
CONN.	Connection	PLY. WD.	Plumbing
CONSTR.	Construction	PR.	Plywood
CONT.	Continuous	PRECST.	Pair
CORR.	Corridor	PT.	Pre-Cast
CPT.	Carpet	PTN	Paint
CTR.	Counter	Q.T.	Partition
CTSK.	Countersink	R.	Quarry Tile
D.F.	Drinking Fountain	R.D.	Riser
D.O.	Door Opening	R.O.	Roof Drain
D.S.P.	Dry Standpipe	R.W.L.	Rough Opening
D.W.R.	Drawer	RAD.	Rain Water Leader
DBL.	Double	REF.	Radius
DEMO.	Demolition	REFR.	Reference
DEPT.	Department	REINF.	Refrigerator
DET	Detail	REQ.	Reinforced
DIA	Diameter	RESIL.	Required
DIM	Dimension	RM.	Resilient
DISP	Dispenser	RSTR.	Room
DN	Down	RWD.	Register
DR.	Door	S SK.	Redwood
DS.	Downspout	S.	Service Sink
DWG.	Drawing	S.C.	South
E	East	S.C.E.	Solid Core
E.J.	Expansion Joint	S.H.	Seat Cover Dispenser
E.L.	Elevation	S.N.D.	Shelf
E.P.	Electric Panelboard	SCHED.	Sanitary Napkin Dispenser
E.P.D.M.	Single Ply Roof Membrane	SD.	Schedule
E.W.	Each Way	SECT.	Soap Dispenser
E.W.C.	Electric Water Cooler	SHR.	Section
EA	Each	SHT.	Shower
ELEC.	Electrical	SIM.	Sheet
EMER	Emergency	SPEC.	Similar
ENCL.	Enclosure	SQ.	Specification
EQ.	Equal	SST.	Square
EQUIP.	Equipment	STA.	Stainless Steel
EXIST	Existing	STD.	Station
EXP.	Expansion	STL.	Standard
EXPO	Exposed	STOR.	Steel
EXT.	Exterior	STRL.	Storage
F.A.	Fire Alarm	SUSP.	Structural
F.B.	Flat Bar	SYM.	Suspended
F.D.	Floor Drain	T & G	Symmetrical
F.E.	Fire Extinguisher	T.B.	Tongue And Groove
F.E.C.	Fire Extinguisher Cabinet	T.E.R.	Towel Bar
F.H.	Fire Hydrant	T.O.	Telephone Equipment Room
F.H.C.	Fire Hose Cabinet	T.O.C.	Top Of
F.O.C.	Face Of Concrete	T.O.P.	Top Of Curb
F.O.F	Face Of Finish	T.O.W	Top Of Pavement
F.O.M.	Face Of Masonry	T.V.	Top Of Wall
F.O.S.	Face Of Studs	TEL.	Television
F.R.P.	Fiberglass Reinforced Panel	THK.	Telephone
F.S.	Floor Sink	TRD.	Thick
FDN.	Foundation	TYP.	Tread
FIN.	Finish	U.N.O.	Typical
FLASH.	Flashing	UNFIN.	Unless Noted Otherwise
FLR.	Floor	UR.	Unfinished
FLUOR.	Fluorescent	V.B.	Urinal
FPRF	Fireproof	V.C.G.	Vapor Barrier
FT.	Foot Or Feet	V.T.	Vinyl Corner Guard
FTG	Footing	VAR.	Vinyl Tile
FURR.	Furring	VERT.	Varies
FUT.	Future	VEST.	Vertical
G.B.	Grab Bar	W.	Vestibule
GA.	Gauge	W.C.	West
GALV.	Galvanized	W/	Water Closet
GL.	Glass	W/O	With
GL. BLK.	Glass Block	WD.	Without
GND.	Ground	WP.	Wood
GR.	Grade	WSCT.	Waterproof
GYP.	Gypsum	WT.	Wainscot
H.B.	Hose Bibb		Weight

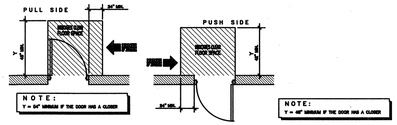
DOOR NOTES

1. EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OF ANY SPECIAL KNOWLEDGE OR EFFORT. KEY LOCKING HARDWARE MAY BE USED ON THE MAIN ENTRANCE IF THERE IS A READILY VISIBLE, DURABLE SIGN ON OR ADJACENT THE DOOR STATING "THIS DOOR TO REMAIN UNLOCKED WHEN THE BUILDING IS OCCUPIED".
2. DOOR OPERATING DEVICES SHALL BE LEVER OPERATED, PUSH TYPE OR U-SHAPED HANDLES.
3. THE BOTTOM 10" OF ALL DOORS SHALL BE PROVIDED WITH A SMOOTH SURFACE TO ALLOW THE DOOR TO BE OPENED WITH A WHEELCHAIR FOOTREST.
4. DOORWAYS SHALL HAVE A MINIMUM CLEAR OPENING OF 32 IN. WITH THE DOOR OPEN 90 DEGREES, MEASURED BETWEEN THE FACE OF THE DOOR AND THE OPPOSITE STOP.

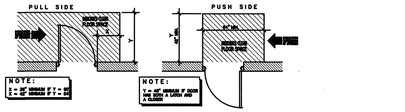


SWING DOOR

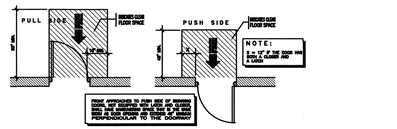
5. MANEUVERING CLEARANCES AT DOORS. MINIMUM MANEUVERING CLEARANCES AT DOORS THAT ARE NOT AUTOMATIC OR POWER ASSISTED SHALL BE AS SHOWN. THE FLOOR OR GROUND AREA WITHIN THE REQUIRED CLEARANCES SHALL BE LEVEL AND CLEAR.



LATCH – SIDE APPROACHES – SWINGING DOOR



HINGE – SIDE APPROACHES – SWINGING DOOR



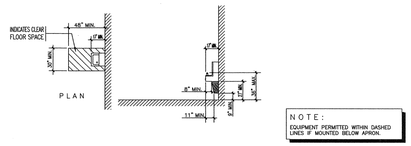
FRONT APPROACHES – SWINGING DOOR

6. THRESHOLDS AT DOORWAYS. THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 1/2 IN. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.
7. DOOR CLOSERS. IF A DOOR HAS A CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3 IN. FROM THE LATCH, MEASURES TO THE LEADING EDGE OF THE DOOR.
8. DOOR OPENING FORCE. THE MAXIMUM FORCE FOR PUSHING OR PULLING OPEN A DOOR SHALL BE AS FOLLOWS:

(1) OTHER DOORS.
(a) INTERIOR HINGED DOORS: 5 LBF
(b) SLIDING OR FOLDING DOORS: 5 LBF
THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT MAY HOLD THE DOOR IN A CLOSED POSITION

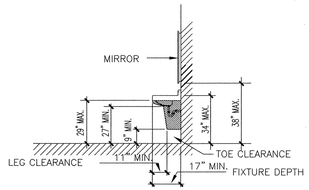
DRINKING FOUNTAINS

1. SPOUT HEIGHT. ACCESSIBLE SPOUTS SHALL BE NO HIGHER THAN 36 IN., MEASURED FROM THE FLOOR OR GROUND SURFACES TO THE SPOUT OUTLET.
2. SPOUT LOCATION. THE SPOUTS OF DRINKING FOUNTAINS AND WATER COOLERS SHALL BE AT THE FRONT OF THE UNIT AND SHALL DIRECT THE WATER FLOW IN A TRAJECTORY THAT IS PARALLEL OR NEARLY PARALLEL TO THE FRONT OF THE UNIT. THE SPOUT SHALL PROVIDE A FLOW OF WATER AT LEAST 4 IN. HIGH SO AS TO ALLOW THE INSERTION OF A CUP OR GLASS UNDER THE FLOW OF WATER. ON AN ACCESSIBLE DRINKING FOUNTAIN WITH A ROUND OR OVAL BOWL, THE SPOUT MUST BE POSITIONED SO THE FLOW OF WATER IS WITHIN 3 IN. OF THE FRONT EDGE OF THE FOUNTAIN.
3. CLEARANCES. (1) WALL-AND POST-MOUNTED CANTILEVERED UNITS SHALL HAVE A CLEAR KNEE SPACE BETWEEN THE BOTTOM OF THE APRON AND THE FLOOR OR GROUND AT LEAST 27 IN. HIGH, 30 IN. WIDE, AND 17 IN. TO 19 IN. DEEP. SUCH UNITS SHALL ALSO HAVE A MINIMUM CLEAR FLOOR SPACE 30 IN. BY 48 IN. TO ALLOW A PERSON IN A WHEELCHAIR TO APPROACH THE UNIT FACING FORWARD.

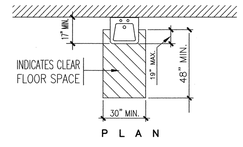


LAVATORY AND MIRRORS

1. HEIGHT. SINKS SHALL BE MOUNTED WITH THE COUNTER OR RIM NO HIGHER THAN 34 IN. ABOVE THE FINISH FLOOR.
2. KNEE CLEARANCE. KNEE CLEARANCE THAT IS AT LEAST 27 IN. HIGH, 30 IN. WIDE, AND 19 IN. DEEP SHALL PROVIDED UNDERNEATH SINKS.
3. DEPTH. EACH SINK SHALL BE A MAXIMUM OF 6-1/2 IN. DEEP.
4. CLEAR FLOOR SPACE. A CLEAR FLOOR SPACE AT LEAST 30 IN BY 48 IN. SHALL BE PROVIDED IN FRONT OF A SINK TO ALLOW FORWARD APPROACH. THE CLEAR FLOOR SPACE SHALL EXTEND A MAXIMUM OF 19 IN. UNDERNEATH THE SINK.
5. EXPOSED PIPES AND SURFACES. HOT WATER AND DRAIN PIPES EXPOSED UNDER SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED SO AS TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER SINKS.
6. FAUCETS. LEVER-OPERATED, PUSH-TYPE,TOUCH TYPE, OR ELECTRONICALLY CONTROLLED MECHANISMS ARE ACCEPTABLE DESIGNS.



LAVATORY CLEARANCES



CLEAR FLOOR SPACE AT LAVATORIES

GENERAL REQUIREMENTS

1. ALL PLAN DIMENSIONS ARE TO FACE OF STUDS, FACE OF CMU WALL OR CENTER LINE OF GRIDS UNLESS NOTED OTHERWISE.

SYMBOL LEGEND

- DATUM POINT
- 100 — DOOR NUMBER
- (100) — WINDOW NUMBER
- 100 — ROOM NUMBER
- 1 — ACCESSORY TAG
- XXX — EQUIPMENT TAG
- 1 — KEY NOTE
- P1 / A4.1 — TILTUP TAG
- NORTH ARROW (NORTH)
- 5 12 — PITCH
- A 9'-0" (ACT-1) — CEILING TAG
- CPT. CPT. — FLOORING TAG
- T.O. FIN. FLR. ELEV. 100'-0" — ELEVATION TAG
- T.O. FIN. FLR. ELEV. 100'-0" — ELEVATION TAG
- T.O. FIN. FLR. ELEV. 100'-0" — EXIST. ELEVATION TAG
- 1 / 4 / 2 / 3 SHEET # — INTERIOR ELEVATION TAG
- 0 / A-000 — ELEVATION TAG
- DETAIL # / SHEET # — DETAIL BUBBLE
- DETAIL # / SHEET # — DETAIL BUBBLE
- DETAIL # / SHEET # — DETAIL BUBBLE
- SECTION / SHEET # — WALL SECTION TAG
- 1 — REVISION CLOUD AND DELTA TAG
- FIRE EXTINGUISHER CABINET
- SMOKE DETECTOR
- 0 — GRID BUBBLE AND LINE
- 0 — EXIST. GRID BUBBLE AND LINE
- MATCH BUBBLE AND LINE

GRAB BAR NOTES

1. SIZE AND SPACING OF GRAB BARS AND HANDRAILS. THE DIAMETER OR WIDTH OF THE GRIPPING SURFACES OF A HANDRAIL OR GRAB BAR SHALL BE 1-1/4 IN. TO 1-1/2 IN., THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1-1/2 IN.
2. STRUCTURAL STRENGTH. THE STRUCTURAL STRENGTH OF GRAB BARS, FASTENERS, AND MOUNTING DEVICES SHALL MEET THE FOLLOWING SPECIFICATION:
3. (1) BENDING STRESS IN A GRAB BAR OR SEAT INDUCED BY THE MAXIMUM BENDING MOMENT FROM THE APPLICATION OF 250 LBF SHALL BE LESS THAN THE ALLOWABLE STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT.
4. (2) SHEAR STRESS INDUCED IN A GRAB BAR OR SEAT BY THE APPLICATION OF 250 LBF SHALL BE LESS THAN THE ALLOWABLE SHEAR STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT. IF THE CONNECTION BETWEEN THE GRAB BAR OR SEAT AND ITS MOUNTING BRACKET OR OTHER SUPPORT IS CONSIDERED TO BE FULLY RESTRAINED, THEN DIRECT AND TORSIONAL SHEAR STRESSES SHALL BE TOTALED FOR THE COMBINED SHEAR STRESS, WHICH SHALL NOT EXCEED THE ALLOWABLE SHEAR STRESS.

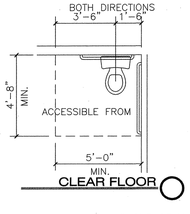
(3) SHEAR FORCE INDUCED IN A FASTENER OR MOUNTING DEVICE FROM THE APPLICATION OF 250 LBF SHALL BE LESS THAN THE ALLOWABLE LATERAL LOAD OF EITHER THE FASTENER OR MOUNTING DEVICE OR THE SUPPORTING STRUCTURE, WHICHEVER IS THE SMALLER ALLOWABLE LOAD.

(4) TENSILE FORCE INDUCED IN A FASTENER BY A DIRECT TENSION FORCE OF 250 LBF PLUS THE MAXIMUM MOMENT FROM THE APPLICATION OF 250 LBF SHALL BE LESS THAN THE ALLOWABLE WITHDRAWAL LOAD BETWEEN THE FASTENER AND THE SUPPORTING STRUCTURE.

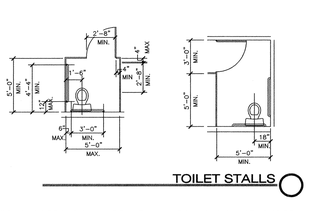
(5) GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.

WATER CLOSET NOTES

1. CLEAR FLOOR SPACE. CLEAR FLOOR SPACE FOR WATER CLOSETS NOT IN STALLS.
2. CLEAR FLOOR SPACE. CLEAR FLOOR SPACE FOR WATER CLOSETS IN STALLS.



CLEAR FLOOR



TOILET STALLS

3. HEIGHT. THE HEIGHT OF WATER CLOSETS SHALL BE 17 IN. TO 19 IN. MEASURED TO THE TOP OF THE TOILET SEAT. SEATS SHALL NOT BE SPRUNG TO RETURN TO A LIFTED POSITION.
4. FLUSH CONTROLS. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. CONTROLS FOR FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREAS NO MORE THAN 44 IN. ABOVE THE FLOOR.

MATERIAL LEGEND

- CONCRETE
- SAND
- EARTH
- GRAVEL TYPE – I
- GRAVEL TYPE – II
- MASONRY
- STONE
- WOOD
- ALUMINUM
- STEEL
- RIGID INSULATION
- BATT INSULATION
- PLYWOOD
- WOOD MEMBER
- WOOD BLOCKING

CITY OF LAS VEGAS NEVADA

DEPARTMENT OF PUBLIC WORKS

REVISIONS

ARCHITECT

SH ARCHITECTURE
2310 Corporate Circle Suite 210 Las Vegas Nevada 89128
Phone 702 933 3222 Fax 702 933 3223 www.sharchitecture.com

Charleston Heights Community Center
– Renovation –

SYMBOL LEGEND, GENERAL NOTES AND ABBREVIATIONS

JOHN A. SAWDON REGISTERED 4098 ARCHITECT STATE OF NEVADA

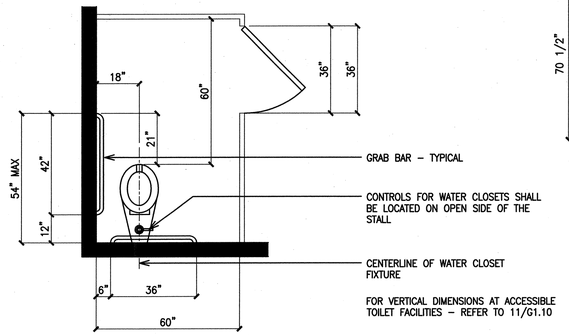
05/02/2016

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DEPARTMENT OF PUBLIC WORKS

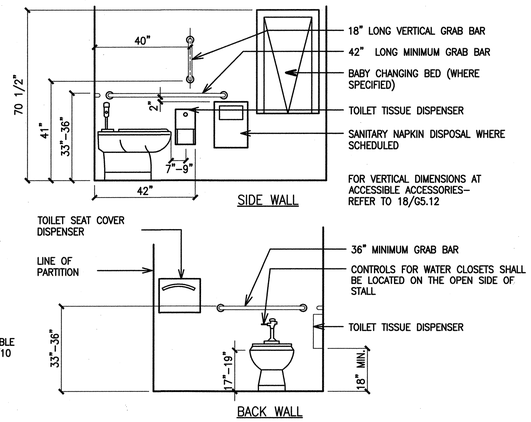
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FAX: (702) 384-9846
TDD: (702) 386-9108

DRAWN	CJT
FILE	
DATE	05/02/2016
SCALE	
BID NO	15.59806.JH
CLV DWG NO	620–10B
HANSEN NO	59806
SHT NO	AG1.00

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DOOR OPENING AT SIDE OF STALL

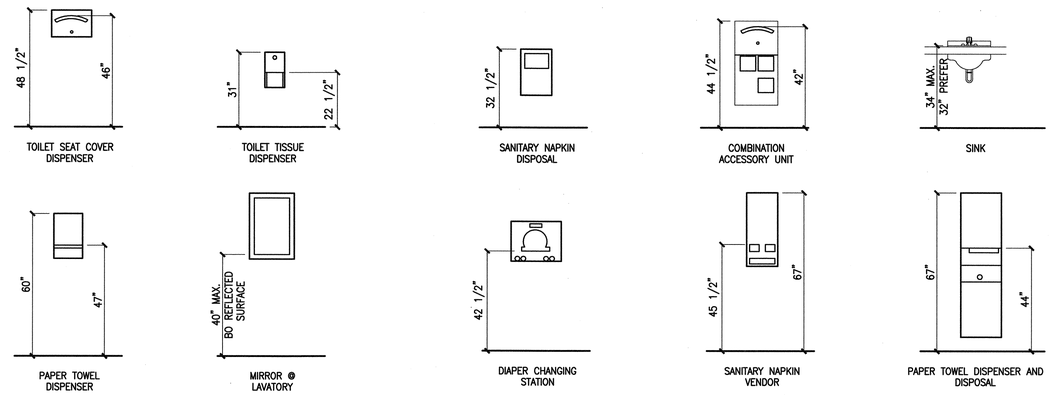


H.C. TOILET STALL CLEARANCES

3/8" = 1'-0"

1. VERIFY ALL ACCESSORY SIZE AND MOUNTING WITH MANUFACTURERS APPROVED CUT SHEETS
2. TRAPS AND HOT WATER PIPES AT LAVS OR SINKS SET IN OPEN COUNTERS TO BE INSULATED

NOT ALL FIXTURES OR ACCESSORIES SHOWN ARE APPLICABLE TO THIS PROJECT – REFER TO PLANS AND INT ELEVATIONS FOR SPECIFIC ITEMS, LOCATIONS AND SPECIAL CONDITIONS

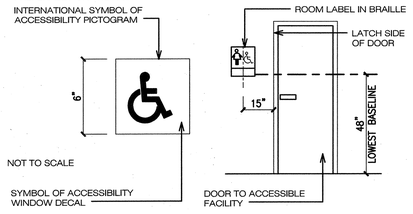


ACCESSIBLE FIXTURE AND ACCESSORY MOUNTING SCHEDULE

3/8" = 1'-0"

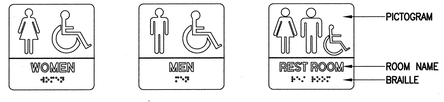
INTERNATIONAL SYMBOL OF ACCESSIBILITY

NOTE: WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT THE DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT



WALL MOUNTED SIGNAGE AT RESTROOMS

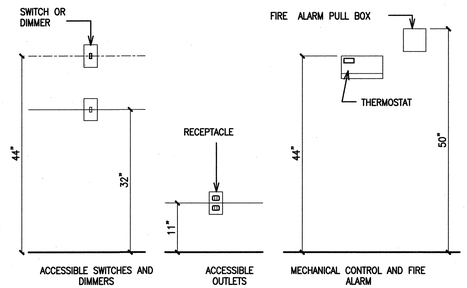
SIGNAGE IDENTIFICATION TO BE UPPERCASE LETTERS 5/8 INCH MINIMUM AND 2 INCH MAXIMUM HEIGHT LETTERS ARE TO BE RAISED FROM BACKGROUND 1/32 INCH. BRAILLE SHALL BE CONTRACTED - GRADE II



ACCESSIBILTY SIGNS AT DOORS

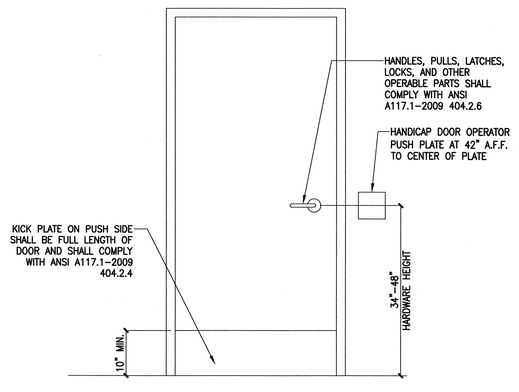
NTS

CENTER OF ELECTRICAL AND COMMUNICATION RECEPTACLE OUTLETS SHALL BE NOT LESS THAN 15" ABOVE FLOOR OR WORKING PLATFORM – EXCEPTION: REQUIREMENTS DO NOT APPLY WHERE USE OF SPECIAL EQUIPMENT DICTATES OTHERWISE OR WHERE ELECTRICAL AND COMMUNICATIONS SYSTEMS RECEPTACLES ARE NOT NORMALLY INTENDED FOR USE BY BUILDING OCCUPANTS.



RECEPTACLES AND SWITCHES

3/4" = 1'-0"

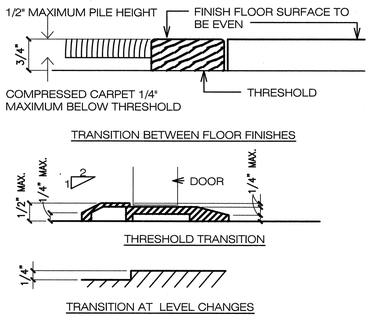


HARDWARE MOUNTING HT.

1/4" = 1'-0"

1.FLOOR OR LANDING SHALL NOT BE MORE THAN 1/2" LOWER THAN THRESHOLD OF DOORWAY. CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE LEVELED WITH SLOPE NO GREATER THAN 1 VERTICAL TO 2 HORIZONTAL - EXTERIOR LANDING MAY SLOPE 2% MAX FOR SURFACE DRAINAGE

2. WHEN CARPET IS USED, IT SHALL BE SECURELY ATTACHED, HAVE FIRM CUSHION, PAD OR BACKING OR NO CUSHION OR PAD, AND HAVE LEVEL LOOP, TEXTURED LOOP, LEVEL CUT PILE, OR LEVEL CUT / UNCUT PILE TEXTURE, MAXIMUM PILE HEIGHT SHALL BE 1/2 INCH, EXPOSED EDGES OF CARPET SHALL BE FASTENED TO FLOOR SURFACES AND HAVE TRIM ALONG ENTIRE LENGTH OF EXPOSED EDGE.



LEVEL CHANGES AT THRESHOLD

1/4" = 1'-0"

CITY OF LAS VEGAS NEVADA

REVISIONS

ARCHITECT

SH ARCHITECTURE
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(702) 838-3333 (702) 838-3223 www.shearchitecture.com

DEPARTMENT OF PUBLIC WORKS

Charleston Heights Community Center
– Renovation –

ACCESSIBILITY CLEARANCE STANDARDS

JOHN A. SAADO, No. 4058, ARCHITECT, STATE OF NEVADA

05/02/2016

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
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EXISTING CODE STUDY (U.B.C. 1997)

Code Analysis:
Submitted under 1997 U.B.C. as adopted by the City of Las Vegas.

The city of Las Vegas has installed a fire sprinkler system throughout the building above and below the suspended ceiling in lieu of one hour construction.
The plumbing fixtures have been provided for 6 women and 6 men.
The two existing restrooms have been upgraded for full ADA compliance.

Scope of Work:

Provide a new 1,573 s.f. type V-1HR addition to the existing 23,666 s.f. Charleston Heights Arts Center facility. In addition, to reconfigure the existing parking spaces to provide additional handicapped parking spaces & an accessible route to comply with the 1994 U.B.C. & 1992 A.N.S.I. requirements.

(BUILDING A)
Code Analysis – Existing Facility:

Zone:	C-V
Type of Construction:	V-1Hr.
Fire Sprinklers:	Existing
Mixed Occupancy:	
Multi-Purpose Rm.	A-2.1
Auditorium/Stage	A-2.1
Office	B
Storage	S-1
Height (Allowed):	50'-0"
Height (Actual):	28'-8"
Number of Stories (allowed):	2
Number of Stories (actual):	1
Allowable Area:	
A-2.1	10,500 SF
B	14,000 SF
S-1	14,000 SF

Allowable Area Increases:
Separation on 3 side over 60 Feet = 100 Percent Increase.
Increase for fully fire sprinkled building.

A-2.1	(10,500 X 2 X 2)	42,000 SF
A-2.1	(10,500 X 2 X 2)	42,000 SF
B	(14,000 X 2 X 2)	56,000 SF
S-1	(14,000 X 2 X 2)	56,000 SF

Occupant Loads:

Existing First Floor Occupancy: 2,340 persons
Total area (existing first floor): 22,616 SF

Existing Second Floor Occupancy: 7.3 persons
Total area (existing second floor): 1,050 SF

Total Existing Building Area: (first + second floors): 23,666 SF

Total Existing Parking 123 Spaces

(BUILDING B)
Code Analysis – New 1,573 SF Addition:

Zone:	C-V
Type of Construction:	V-N
Fire Sprinklers:	Provided
Occupancy:	B
Height (Allowed):	40'-0"
Height (Actual):	16'-8"
Number of Stories (allowed):	2 (See U.B.C. Table 5-B)
Number of Stories (actual):	1
Allowable Areas:	
B (New Addition):	8,000 SF (See U.B.C. Table 5-B)
Existing Facility (Mixed Occupancy):	42,000 SF (see code analysis for (e) facility)
Actual Areas:	
B (New Addition):	1,573 SF
Existing Facility (Mixed Occupancy):	23,666 SF

Occupant Loads:

Use	Occupancy Group	Calculation	Occupancy Load:
Work Room	B	847. 5 @ 100	8.48 Persons
Receiving	B	240.4 @ 100	2.4 Persons
Storage	S-1	409.9 @ 300	1.37 Persons
Total Occupancy Load (Existing Addition):			12.25 Persons

Exiting Required:

Occupant Load = 12.3 Persons = 1 Exit required, 2 exits provided.
Required Exit width = 12.3 x 0.2 = 2.5 inches.
Exit width (Provided) = 36" @ 2 exits = 72" (total exit width provided).

Area Separation of Existing Facility and New Addition: (per section 504.6.2)
1 1/2 Hr. Rated Openings in 2 Hr. rated walls.
2 Hr. Required between Existing A2.1 occupancy & (New Addition), B occupancy (Refer to Table 3-B).
2 Hr. Required between Existing A2.1 occupancy & (New Addition), S-1 occupancy (Refer to Table 3-B).

Exterior Wall and Opening Protection (See Table 5-A):

Exterior Bearing Walls	Exterior Non-Bearing Walls	Exterior Openings:
One-Hour	Same as Bearing	Not permitted less than 5' Protected less than 10'

Total Existing Building Area + New Addition: 25,239 SF

Handicap Parking
Required:/ Provided (101-150 Spaces per Chapter 19A.10 g)
5 Total 1-Van Accessible w/4 Standard Handicap Parking.

CODE ANALYSIS (BUILDING A WITH RESTROOM EXPANSION)

1) CODE YEAR / TYPE

2012 IFC WITH MODIFYING ORDINANCE 6325
2012 ADMINISTATIVE CODE ORDINANCE 6349
2012 IBC WITH ORDINANCE 6350
2012 UMC WITH ORDINANCE 6354
2012 UPC WITH ORDINANCE 6355
2011 NEC WITH ORDINANCE 6356
2009 IECC WITH ORDINANCE 6144
2009 ICC/ANSI A117.1-2009

2) OCCUPANCY CLASSIFICATION

GROUP	DESCRIPTION
A-1	ASSEMBLY (AUDITORIUM, STAGE)
A-3	ASSEMBLY (SMALL MULTI-PURPOSE)
B	BUSINESS (OFFICES, CONFERENCE, CONTROL RM, BIG MULTI-PURPOSE ROOM)
S-1	STORAGE

3) TYPE OF CONSTRUCTION:

TYPE V-B

4) FIRE SPRINKLERS

REQUIRED: YES OR NO YES
IF YES: NEW___ OR EXISTING X TYPE: NFPA 13

5) FIRE ALARM

REQUIRED: YES OR NO YES IF YES: NEW X OR EXISTING___
TYPE: AUTOMATIC_____ MANUAL NFPA 72

6) HEIGHT (W/ HEIGHT INCREASE PER IBC 504.2)

OCC. GROUP	ALLOWED HT.	ACTUAL HT.
A-1	60'	28-8'
A-3	60'	28-8'
B	60'	28-8'
S-1	60'	28-8'

7) STORIES

OCC. GROUP	ALLOWED STORIES	ACTUAL STORIES
A-1	2	1
A-3	2	1
B	3	1 WITH MEZZANINE
S-1	2	1

8) AREA: CALCULATIONS BASED ON MOST RESTRICTIVE OCCUPANCY A-1

If = [F/P-0.25]W/30
If = [825/825-0.25]30/30 (30' OF OPEN SPACE PROVIDED ON ALL FOUR SIDES OF BUILDING SEE SITE PLAN A1.10)
If = [1-0.25]1
If = [0.75]1
If = 0.75
Aa = ¦At + [At x If] = At x Is¦

BASIC ALLOWABLE AREA PER FLOOR (At)		5,500 SF
SPRINKLER INCREASE (Is) (506.3)	300%	16,500 SF
FRONTAGE INCREASE (If)	0%	0.75

Aa =5,500 + [5,500 x 0.75] + [5,500 x 3]}
Aa = 5,500 + 4,125 + 16,500

TOTAL ADJUSTABLE ALLOWABLE AREA (Aa)	26,125 SF
TOTAL TENANT IMPROVEMENT AREA (EXISTING FIRST FLOOR + 486 SF ADDITION)	24,925 SF
TOTAL TENANT IMPROVEMENT AREA (EXISTING MEZZANINE)	1,050 SF
TOTAL ACTUAL BUILDING AREA	25,728 SF

9 & 10) OCCUPANT LOAD & NUMBER OF EXITS

AREA	FUNCTION	AREA (SF)	FACTOR (TABLE 1004.1.2)	OCC. LOAD	EXITS REQ'D	EXITS PROV'D
ASSEMBLY (A-1)	AUDITORIUM	2,865	# OF SEATS	377	2	2
	STAGE	2,172	15	145	2	2
ASSEMBLY (A-3)	MULTIPURPOSE	10,777	15	719	4	4
BUSINESS (B)		7,005	100	71	2	3
STORAGE (S-1)	STORAGE	1,084	300	4	1	1
			TOTAL	1,316		

11) FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS

STRUCTURAL FRAME	0 HR.
BEARING WALLS - EXTERIOR	0 HR.
BEARING WALLS - INTERIOR	0 HR.
NON-BEARING WALLS	0 HR.
FLOOR CONSTRUCTION	0 HR.
ROOF CONSTRUCTION	0 HR.

12) REQ'D FIRE RESISTANCE OF EXTERIOR WALLS DUE TO LOCATION ON PROPERTY

WALL	SEPERATION DIST.	RATING
NORTH WALL	OVER 30 FEET	0 HR.
EAST WALL	OVER 30 FEET	0 HR.
SOUTH WALL	OVER 30 FEET	0 HR.
WEST WALL	OVER 30 FEET	0 HR.

13) PROTECTION OF OPENINGS DUE TO LOCATION ON PROPERTY AND MAXIMUM AREA OF EXT WALL OPENINGS

MAXIMUM AREA OF EXTERIOR WALL OPENINGS PER TABLE 705.8

WALL	FIRE SEPARATION DISTANCE	ALLOWABLE AREA
NORTH WALL	OVER 30 FEET	NOT REQUIRED
EAST WALL	OVER 30 FEET	NOT REQUIRED
SOUTH WALL	OVER 30 FEET	NOT REQUIRED
WEST WALL	OVER 30 FEET	NOT REQUIRED

14) SPACES REQUIRING FIRE-RESISTANCE RATED SEPARATION

EXISTING 1 HOUR RATED SEPARATION FOR FIRE RISER ROOM

15) NON-SEPARATED OR SEPARATED OCCUPANCIES

NON-SEPARATED OCCUPANCIES A-1, A-3, B, AND S-1

16) ROOF COVERING MATERIAL CLASS

TYPE OF CONSTRUCTION	ALLOWED	ACTUAL
V-B	C	C

17) REQUIRED PLUMBING FIXTURES

OCCUPANCY	OCCUPANT LOAD	WATER CLOSETS		LAVATORIES		BATHTUBS OR SHOWERS	DRINKING FOUNTAINS	SERVICE SINKS
		MALE	FEMALE	MALE	FEMALE			
ASSEMBLY A-1	522	1/125	1/65	1/200		–	1/500	1
		2	4	3	3	–	2	
ASSEMBLY A-3	719	1/125	1/65	1/200		–	1/500	1
		3	6	1	1	–	2	
BUSINESS	71	1/25	1/25	1/40		–	1/100	1
		2	2	1	1	–	0	
STORAGE	4	1/100	1/100	1/200		–	1/1000	1
		0.0	0.0	0.0	0.0	–	0.0	
TOTAL REQUIRED		7	12	5	5	–	4	4
TOTAL PROVIDED		7	12	5	5	–	3, AND 1 BOTTLE FILLING STATION	1

18) SPECIAL INSPECTION(S) REQUIRED

SEE GENERAL STRUCTURAL NOTES SHEET S1.01

19) I.E.C.C. COMPLIANCE REPORTS

COMcheck Software Version 4.0.2.8
Envelope Compliance Certificate

Project Information

Energy Code:	2012 IECC
Project Title:	Charleston Heights Arts Center
Location:	Las Vegas, Nevada
Climate Zone:	3b
Project Type:	Addition
Vertical Glazing / Wall Area:	1%

Construction Site:
800 Brush Street
Las Vegas, NV 89107

Owner/Agent:
City Of Las Vegas

Designer/Contractor:
SH Architecture
7250 Peak Drive
Suite 216
Las Vegas, NV 89128
702-363-2222
jsawdon@sh-architecture.com

Building Area	Floor Area
1-Performing arts theater : Nonresidential	26355

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Floor 1: Slab-On-Grade:Unheated, [Bldg. Use 1 - Performing arts theater] (b)	807	---	---	0.730	0.730
Roof 1: Insulation Entirely Above Deck: High Albedo Roof Required, Initial Year Solar Reflectance = 0.70, Thermal Emittance = 0.75 (c), [Bldg. Use 1 - Performing arts theater]	26355	---	38.0	0.026	0.048
Exterior Wall 1: Concrete Block:8", Solid Grouted, Normal Density, Furring: Metal, [Bldg. Use 1 - Performing arts theater]	4260	2.0	10.0	0.074	0.110
Door 1: Insulated Metal, Swinging, [Bldg. Use 1 - Performing arts theater]	70	---	---	0.350	0.610
Door 2: Glass (> 50% glazing):Metal Frame, Entrance Door, Perf. Type: Energy code default, Double Pane with Low-E, Clear , SHGC 0.70, [Bldg. Use 1 - Performing arts theater]	140	---	---	0.800	0.770
Exterior Wall 2: Concrete Block:8", Solid Grouted, Normal Density, Furring: Metal, [Bldg. Use 1 - Performing arts theater]	4260	2.0	10.0	0.074	0.110
Door 3: Insulated Metal, Swinging, [Bldg. Use 1 - Performing arts theater]	140	---	---	0.350	0.610
Exterior Wall 3: Concrete Block:8", Solid Grouted, Normal Density, Furring: Metal, [Bldg. Use 1 - Performing arts theater]	3040	2.0	10.0	0.074	0.110
Door 4: Insulated Metal, Swinging, [Bldg. Use 1 - Performing arts theater]	90	---	---	0.350	0.610
Exterior Wall 4: Concrete Block:8", Solid Grouted, Normal Density, Furring: Metal, [Bldg. Use 1 - Performing arts theater]	3040	2.0	10.0	0.074	0.110
Door 5: Insulated Metal, Swinging, [Bldg. Use 1 - Performing arts theater]	90	---	---	0.350	0.610

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Slab-On-Grade proposed and budget U-factors shown in table are F-factors.
(c) High albedo roof requirement options: 1) 3-year aged solar reflectance >= 0.55 thermal emittance >= 0.75, 2) 3-year aged solar reflectance index >= 64.0, 3) Initial year aged solar reflectance >= 0.70 thermal emittance >= 0.75, 4) Initial year aged solar reflectance index >= 82.0.

Envelope PASSES: Design 10% better than code

Envelope Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed envelope systems have been designed to meet the 2012 IECC requirements in COMcheck Version 4.0.2.8 and to comply with the mandatory requirements listed in the Inspection Checklist.

Name - Title _____ Signature _____ Date _____

THESE PLANS HAVE NOT BEEN REVIEWED FOR COMPLIANCE TO NV STATE MANDATED PROVISIONS FOR PERSONS WITH DISABILITIES.

THESE PLANS HAVE NOT BEEN REVIEWED FOR COMPLIANCE TO FEDERALLY MANDATED PROVISIONS FOR PERSONS WITH DISABILITIES

PROVIDE ACCESSIBILITY FOR PERSONS WITH PHYSICAL DISABILITIES

REVIEWED
BY R Smith 9/25/16
LAS VEGAS FIRE DEPARTMENT

RECEIVED
SEP 13 2016 65103
CITY OF LAS VEGAS

ALL UTILITY AND SITEWORK SHALL COMPLY WITH THE APPROVED CIVIL PLANS.

PERMITS REQUIRED FROM THE FIRE DEPARTMENT PRIOR TO INSTALLATION OF ON-SITE FIRE WATER / FIRE HYDRANTS; FIRE EXTINGUISHING SYSTEMS; FIRE ALARMS SYSTEMS; FLAMMABLE/ COMBUSTIBLE LIQUID TANKS; COOKING OIL RECOVERY SYSTEMS; COMPRESSED GAS / CO2 SYSTEMS

ENERGY CODE COMPLIANCE EXEMPTION NOTIFICATION

Pursuant to Ordinance No. 6256 adopted by the Las Vegas City Council on June 19, 2013, commercial buildings that receive final inspection approval on or before December 31, 2008 are exempt from compliance with the 2009 International Energy Conservation Code (IECC). Accordingly, these plans have not been reviewed, and the building will not be inspected, for compliance with the 2009 IECC

PROVIDE EMERGENCY LIGHTING AS REQUIRED BY THE NEVADA STATE FIRE MARSHALL REGULATIONS, SEPARATE SOURCE OF POWER REQUIRED

CITY OF LAS VEGAS NEVADA

PUBLIC WORKS

REVISIONS
1 7/18/16 PLAN COMMENTS
2 9/6/16 PLAN COMMENTS

ARCHITECT
SH ARCHITECTURE
7250 Peak Drive, Suite 216, Las Vegas, NV 89128
office 702.363.2222 www.sh-architecture.com

Charleston Heights Community Center – Renovation

CODE ANALYSIS AND IECC COMPLIANCE

JOHN A. SAWDON REGISTERED No. 4058 ARCHITECT STATE OF NEVADA
09/06/2016
PLANS APPROVED CONSTRUCTION

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
JBK SEP 14 2016
Does Not Include Electrical, Plumbing, Mechanical Structural or Off-Site
333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6251
FAX: Permit to Work (702) 384-4848
TDD: (702) 386-9108

DRAWN CJT
FILE
DATE 05/02/2016
SCALE
BID NO 15.59806.JH
CLV DWG NO 620-10B
HANSEN NO 59806
ISHT NO AG2.10

DEPARTMENT OF PUBLIC WORKS

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JUN 21 2016 65103
CITY OF LAS VEGAS

NON - BEARING STEEL STUD WALL PARTITION DETAIL - TO WOOD (2012 IBC):

E ENLARGED DETAIL

A WALL PARALLEL TO WOOD TRUSSES

B WALL PERPENDICULAR TO WOOD TRUSSES

C WALL PARALLEL TO WOOD TRUSSES

D WALL PERPENDICULAR TO WOOD TRUSSES

HEIGHT	METAL STUD SIZE & SPACING:
UP TO 16'-0"	362S125-33 at 24" O.C.
UP TO 12'-0"	362S125-18 at 24" O.C.
BRACE LENGTH	BRACE SIZE
8'-0" TO 8'-1"	362S162-33
6'-0" OR UNDER	362S125-18

NOTE: 33 MILS IS 20 GAUGE AND 18 MILS IS 25 GAUGE.

LEGEND:

1. STRUCTURAL MEMBER ABOVE
2. BRACING AT 4'-0" O.C. STAGGERED W/ 3 ~ #10 EACH END
3. 20 GAUGE CONTINUOUS TRACK
4. STEEL STUDS (SEE SCHEDULE)
5. COMPOSITE WALL SHEATED BOTH SIDES FULL HEIGHT WITH GYPSUM WALLBOARD MIN. PER CHAPTER 25 OF 2012 IBC
6. CONTINUOUS 20 GAUGE UNPUNCHED TRACK (1 5/16" FLANGE)
7. CONCRETE SLAB
8. LOW-VELOCITY POWDER ACTUATED FASTENERS HILTI X-U; 0.157" (1" MIN. EMBEDMENT) SPACED AT 32" O.C. (ESR-2269) (MIN. 2000 PSI CONCRETE)(OR EQUAL FASTENERS)
9. 18 GAGE UNPUNCHED 2 ½" DEEP LEG SLOTTED TRACK W/ 3 #10 SCREWS TO BLOCKING
10. 1 #10 SCREW PER STUD TYPICAL CONNECTION EA. FLANGE OF STUD TO STEEL TRACK (TOP & BOTTOM TRACK)

NON - BEARING INTERIOR WALL DETAILS

NOTES:

1) STUDS BRACED BY GYPSUM WALLBOARD EACH SIDE. MAXIMUM SCREW SPACING SHALL NOT EXCEED 12" O.C.
2) 5 POUNDS PER SQUARE FOOT MAX. LATERAL LOAD.
3) Fy (MIN.) = 33 KSI.
4) DEFLECTION LIMIT: L/120
5) FOR H > 16' - 0" AND BRACING > 8' - 0" SUBMIT ENGINEERING DESIGN AND DETAILS.
6) THE DETAILS SHOWN ARE INTENDED TO SERVE AS A GUIDE ONLY. THE DESIGN PROFESSIONAL MAY SUBMIT AN ALTERNATE DESIGN AND DETAILS THAT COMPLY WITH THE 2012 IBC.
7) NOT APPLICABLE TO SHEAR WALLS.
8) SEE ARCHITECTURAL REQUIREMENTS FOR RATED WALLS.

BK / JH 1/2016

NON-BEARING METAL STUD WALL PARTITION DETAIL

NTS 1

1

REVISIONS
1 7/18/16 PLAN COMMENTS

ARCHITECT

SH ARCHITECTURE
2310 Corporate Circle, Suite 200
Las Vegas, Nevada 89128
Office 702.313.2222 www.shearchitecture.com

PUBLIC WORKS
DEPARTMENT OF

Charleston Heights Community Center
– Renovation –

TYPICAL PARTITION FRAMING AND DETAILS

JOHN A. SAWYER
REGISTERED
No. 4038
ARCHITECT
STATE OF NEVADA
07/18/2016

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE (702) 229-6535
FAX (702) 384-4846
TDD (702) 386-9108

PLANS APPROVED
CONSTRUCTION
City of Las Vegas, Nevada
Building & Safety Dept.

DRAWN CJT
CHK BK
DATE SEP 14 2016
SCALE
BID NO 15.59806.JH
CLV DWG NO 620–10B
HANSEN NO 59806
SHT NO AG3.10

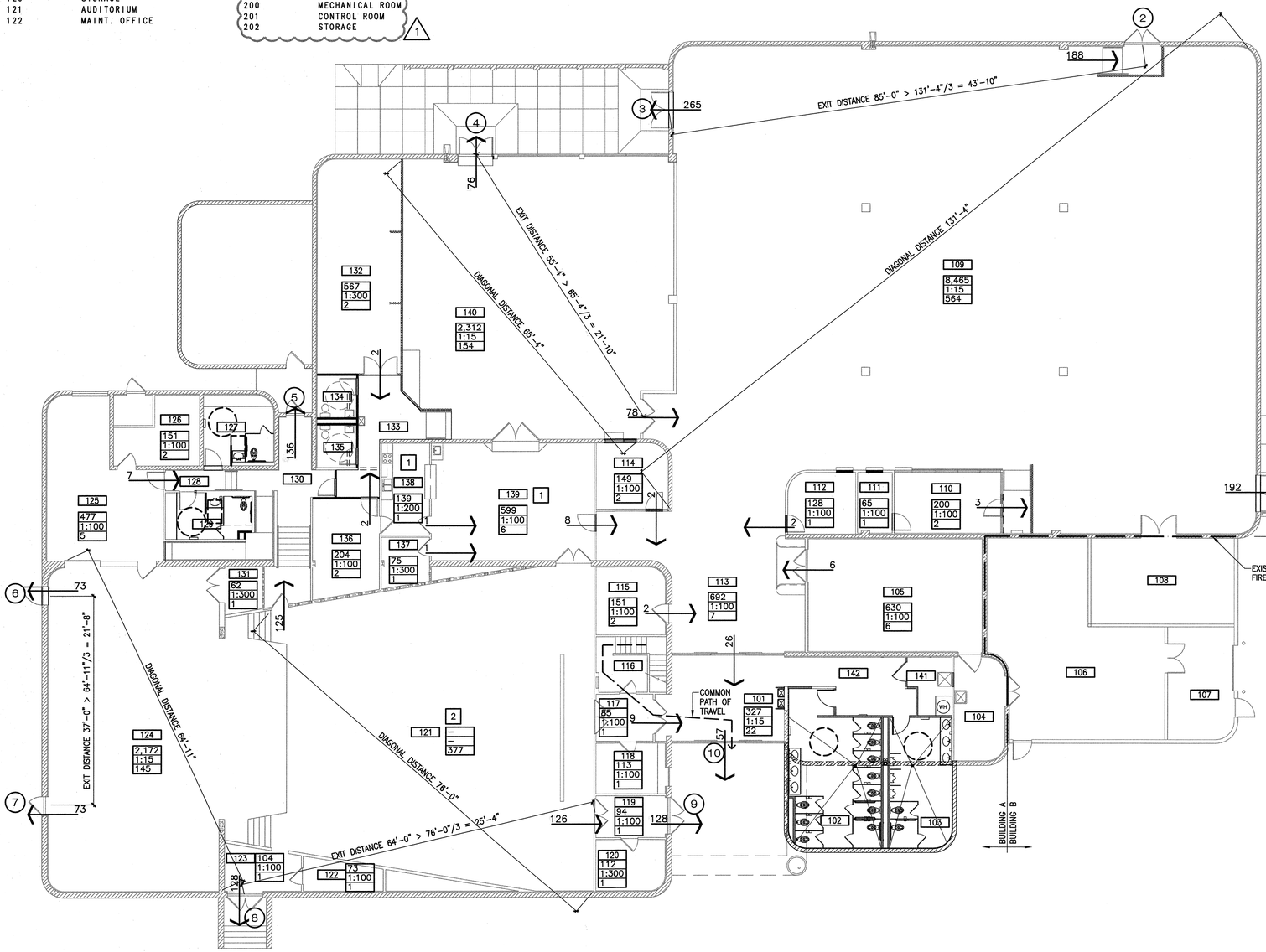
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Does Not Include Electrical, Plumbing, Mechanical, or Off-Site Improvements. Make No Change Without Approval. Plan is Not to Violate Any Ordinance
05/02/2016

ROOM LEGEND

ROOM NO.	DESCRIPTION
101	ENTRANCE
102	WOMENS
103	MENS
104	FIRE SPRINKLER/RISER
105	EXHIBIT AREA
106	RECEIVING AREA
107	LOADING/UNLOADING
108	CHAIR STORAGE
109	MULTI-PURPOSE ROOM
110	OFFICE
111	OFFICE
112	OFFICE
113	LOBBY
114	OFFICE
115	OFFICE
116	STAIR
117	FOYER
118	BOX OFFICE
119	FOYER
120	STORAGE
121	AUDITORIUM
122	MAINT. OFFICE
123	ALCOVE
124	STAGE
125	BACKSTAGE WORK AREA
126	ELECTRICAL ROOM
127	DRESSING ROOM
128	CORRIDOR
129	DRESSING ROOM
130	CORRIDOR
131	STORAGE
132	STORAGE
133	CORRIDOR
134	TOILET ROOM
135	TOILET ROOM
136	STAFF ROOM
137	STORAGE
138	SERVING
139	CONFERENCE
140	MULTI-PURPOSE ROOM
141	JANITOR
142	CORRIDOR
200	MECHANICAL ROOM
201	CONTROL ROOM
202	STORAGE



SYMBOLS LEGEND

SYMBOL	DESCRIPTION
	OCCUPANCY ROOM TAG: – SQUARE FOOTAGE OF SPACE – OCCUPANT LOAD FACTOR – NUMBER OF OCCUPANTS (N/C = NON-CONTRIBUTING LOAD)
#	NUMBER OF OCCUPANTS EXITING TAG
(#)	EXIT DOOR NUMBER
[#]	EXIT ROOM NUMBER

EXIT DOOR KEY (#)

EXIT NUMBER	OCCUPANCY SERVED	EGRESS WIDTH FACTOR	WIDTH REQ'D (IN.)	WIDTH PROV. (IN.)	EXIT CAPACITY
1	192	.2	38.4	68	340
2	188	.2	37.6	68	340
3	265	.2	53	68	340
4	76	.2	15.2	68	340
5	136	.2	27.2	34	170
6	73	.2	14.6	34	170
7	73	.2	14.6	34	170
8	128	.2	25.6	68	340
9	128	.2	25.6	68	340
10	57	.2	11.4	68	340
TOTAL	1,316				

EXIT STAIR KEY

EXIT NUMBER	OCCUPANCY SERVED	EGRESS WIDTH FACTOR	WIDTH REQ'D (IN.)	WIDTH PROV. (IN.)	EXIT CAPACITY
1	7	.3	2.1	36	120

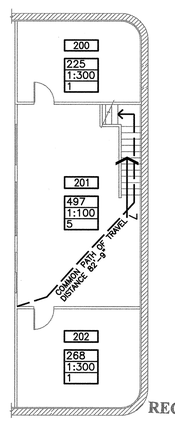
KEYNOTES

1. AREA CLASSIFIES AS OCCUPANCY TYPE "B" UNDER IBC 303.1.2
2. OCCUPANT LOAD IS BASED ON NUMBER OF FIXED SEATING PER IBC 1004.4.

EXIT SIGNS REQUIRED

PROVIDE EMERGENCY LIGHTING WITH SEPARATE SOURCE OF POWER

EMERGENCY EGRESS LIGHTING REQUIREMENT: ONE FOOT CANDLE AT FLOOR LEVEL THROUGHOUT EXIT WAYS. STATE FIRE MARSHALL REGULATIONS



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NORTH

OVERALL EXITING PLAN

3/32" = 1'-0"

NORTH

MEZZANINE EXITING PLAN

3/32" = 1'-0"

CITY OF LAS VEGAS NEVADA

REVISIONS
1 7/18/16 PLAN COMMENTS
2 8/2/16 PLAN COMMENTS

ARCHITECT

SH ARCHITECTURE
Architecture & Interiors
office 702.363.2222 www.shearchitecture.com

DEPARTMENT OF PUBLIC WORKS

Charleston Heights Community Center
– Renovation –

EXITING PLANS

JOHN A. SAMPSON
REGISTERED
No. 9038
ARCHITECT
STATE OF NEVADA

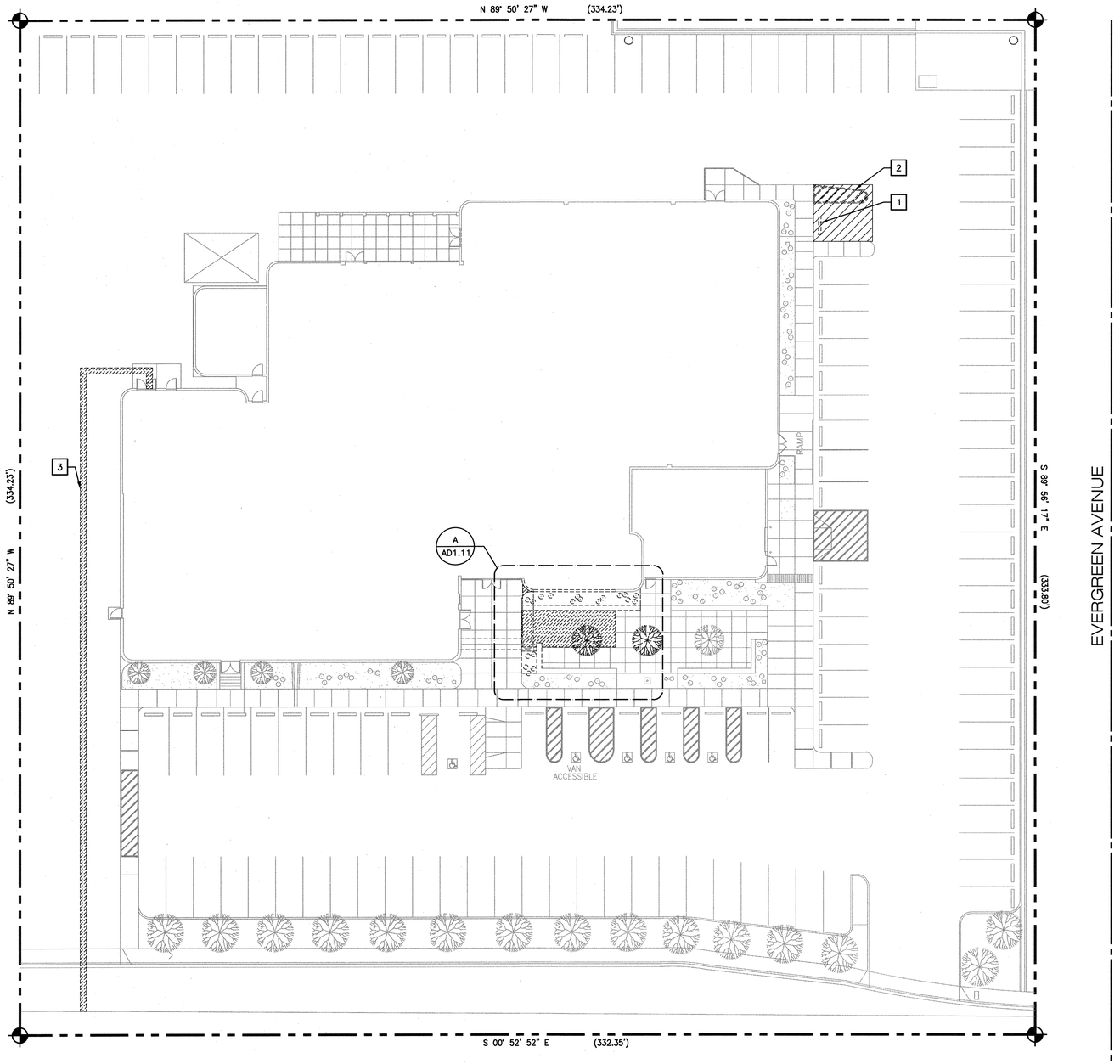
08/02/2016

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 384-4846
TDD: (702) 386-9108

DRAWN	CJT
FILE	PLANS APPROVED CONSTRUCTION Planning & Safety Dept. City of Las Vegas, Nevada
DATE	05/02/2016
SCALE	JBK SEP 14 2016
JOB NO	15-59806.JH
CLV DWG NO	Does Not Include Structural, Plumbing, Mechanical, Electrical or Civil Improvements. Make No Change Without CLV Approval. Plan is Not a Permit to Violate Any Ordinance
HANSEN NO	59806
SHT NO	AG4.10

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NORTH

OVERALL DEMO SITE PLAN

1" = 20'-0"

KEY NOTES

1. EXISTING PARKING BUMPER TO BE REMOVED AND DISPOSED.
2. SAWCUT AND REMOVE EXISTING ASPHALT FOR NEW TRASH ENCLOSURE.
3. CUT PAVEMENT FOR NEW GAS LINE. SEE CIVIL DRAWINGS.

Field verify that all walls being removed are non-bearing walls and/or non-shear walls.

CITY OF LAS VEGAS NEVADA

DEPARTMENT OF PUBLIC WORKS

REVISIONS

ARCHITECT

SH ARCHITECTURE
2707 Fort Apache Rd. Suite 210 Las Vegas Nevada 89128
Office 702.243.2224 www.shdesignarchitecture.com

Charleston Heights Community Center
– Renovation –

OVERALL DEMO SITE PLAN

JOHN A. SAWYER REGISTERED PROFESSIONAL No. 4058 ARCHITECT STATE OF NEVADA

05/02/2016

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 384-4846
TDD: (702) 386-9108

DRAWN CJT

FILE CONSTRUCTION

DATE 05/02/2016

SCALE JBK

BID NO 15-59806.JH

CLV DWG NO 620-108

HANSEN NO 59806

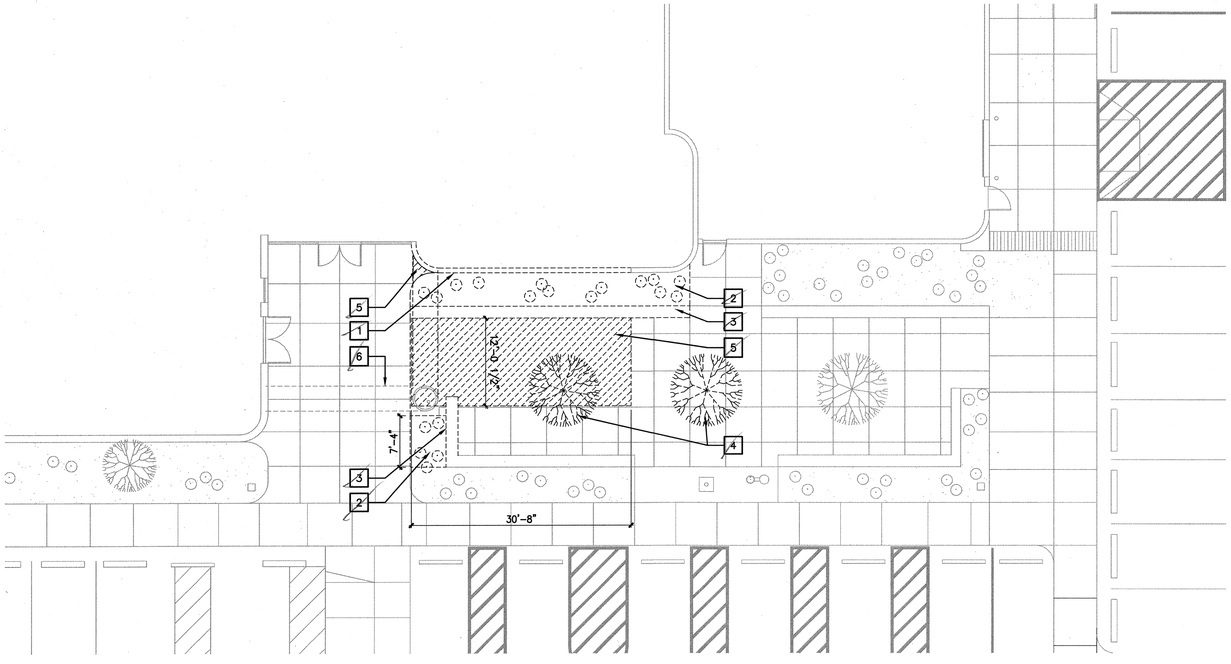
SHT NO AD1.10

PLANS APPROVED
Building & Safety Dept.
City of Las Vegas, Nevada
SEP 14 2016
Does Not Include Electrical, Plumbing, Mechanical Structural or Civil Site Improvements. Make No Change Without Approval. Plan is Permit to Work & Any Deviance

DRAWINGS AS INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE DESIGN PROFESSIONAL WHOSE STAMP OF CERTIFICATION APPEARS ON THE DRAWINGS AND SPECIFICATIONS. ANY USE OR REPRODUCTION, IN WHOLE OR IN PART, WITHOUT WRITTEN CONSENT IS STRICTLY PROHIBITED. COPIES OF THE DRAWINGS AND SPECIFICATIONS RETAINED BY THE CLIENT MAY BE UTILIZED ONLY FOR ACCEPTING THE PROJECT FOR WHICH THEY WERE PREPARED AND NOT FOR THE CONSTRUCTION OF ANY OTHER PROJECT. N A C 612.780

KEY NOTES

1. EXISTING CMU WALL TO BE DEMOLISHED.
2. EXISTING LANDSCAPE AND DRIP IRRIGATION TO BE DEMOLISHED.
3. EXISTING CONCRETE BENCH TO BE DEMOLISHED. CONCRETE BENCH LIGHTING TO BE REMOVED, STORED, AND REUSED FOR FUTURE USE BY OWNER.
4. EXISTING TREES TO BE REMOVED.
5. EXISTING CONCRETE SLAB TO BE DEMOLISHED.
6. EXISTING CANOPY ABOVE.



NORTH

ENLARED DEMO SITE PLAN (A)
1"=10'-0"

CITY OF LAS VEGAS NEVADA

DEPARTMENT OF PUBLIC WORKS

REVISIONS

ARCHITECT

SH ARCHITECTURE
2350 Corporate Circle #210 Las Vegas Nevada 89128
Phone 702.243.2222 www.shearchitecture.com

Charleston Heights Community Center
– Renovation –

ENLARGED DEMO SITE PLAN

JOHN A. SAWYER
REGISTERED
No. 4058
ARCHITECT
STATE OF NEVADA

05/02/2016

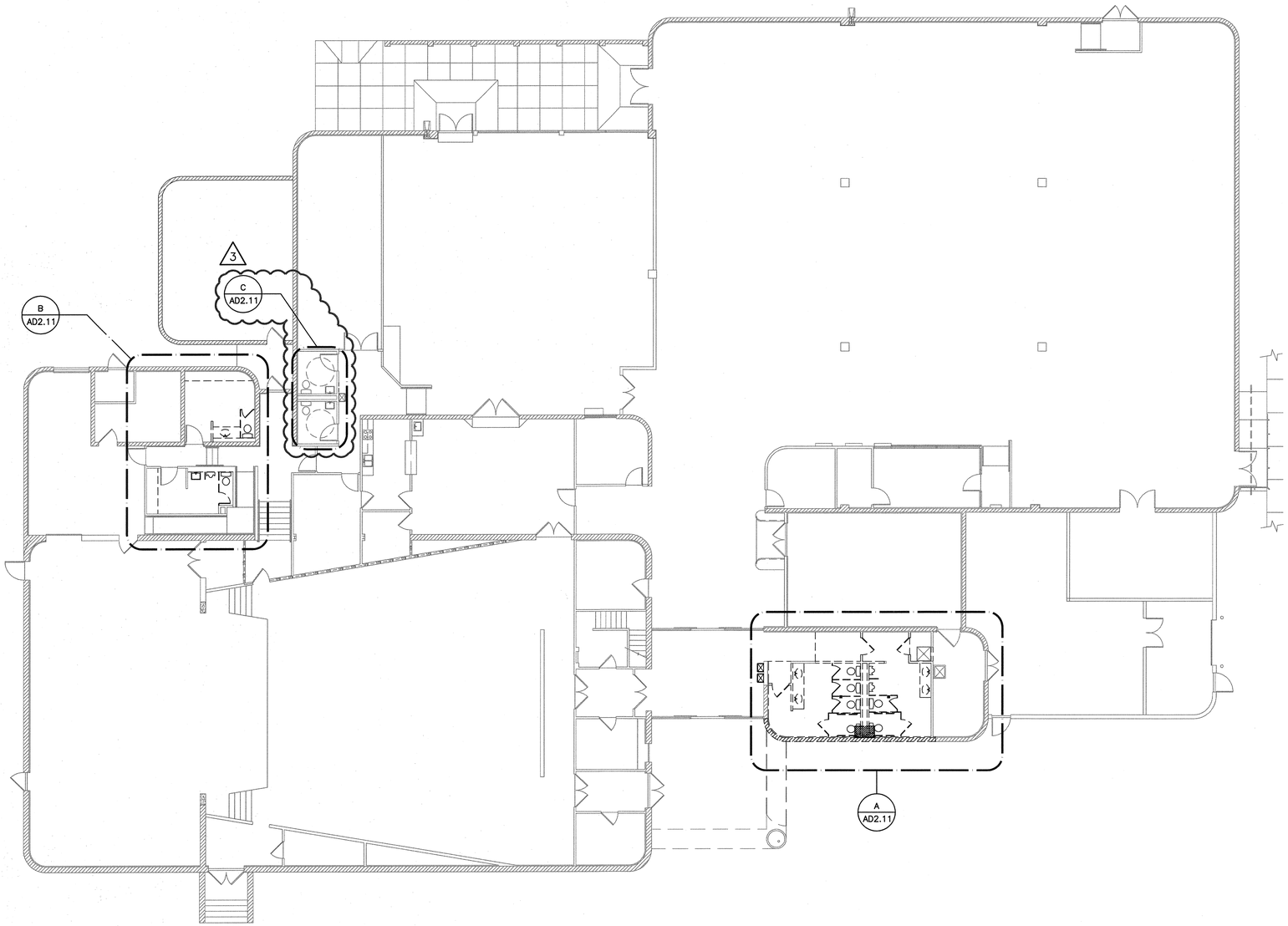
OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 384-4846
TDD: (702) 386-9108

DRAWN CJT
FILE PLANS APPROVED CONSTRUCTION
DATE 05/02/2016
SCALE JBK
BID NO 15-59806-JH
CLV DWG NO
PROJECT NO 59806
SHT NO AD1.11

Building & Safety Dept.
City of Las Vegas, Nevada
SEP 14 2016
Does Not Include Structural, Plumbing, Mechanical, Electrical Or Site Improvements. Plans No Change Without Approval. Plan is Permit to Violate Any Ordinance.

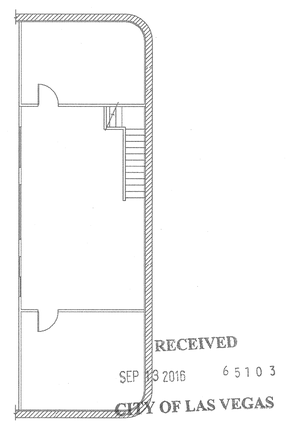
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NORTH

OVERALL DEMOLITION PLAN

3/32" = 1'-0"



RECEIVED
SEP 13 2016
6 5 1 0 3
CITY OF LAS VEGAS

NORTH

MEZZANINE PLAN

3/32" = 1'-0"

1

Field verify that all walls being removed are non-bearing walls and/or non-shear walls.

DEPARTMENT OF PUBLIC WORKS

CITY OF LAS VEGAS NEVADA

REVISIONS
1 7/18/16 PLAN COMMENTS
2 9/6/16 PLAN COMMENTS

ARCHITECT

SH ARCHITECTURE
7230 Peak Drive Suite 215 Las Vegas Nevada 89128
office 702.363.2222
www.sh-architecture.com

Charleston Heights Community Center
– Renovation –

OVERALL DEMOLITION PLAN

JOHN A. SANDOVAL
REGISTERED
No. 4058
ARCHITECT
STATE OF NEVADA

09/06/2016

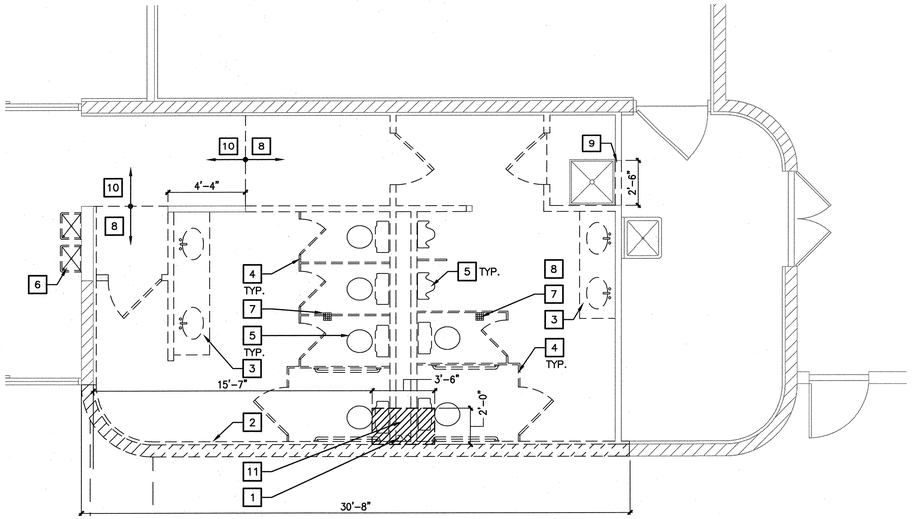
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DEPARTMENT OF PUBLIC WORKS

333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 385-7556
TDD: CON (702) 386-9108

DRAWN CJT
FILE JBK
DATE 09/06/2016
SCALE As Noted
BID NO 15.59806.JH
CLV DWG NO 620–10B
HANSEN NO 59806
SHT NO AD2.10

PLANS APPROVED
Building Division
City of Las Vegas, Nevada
SEP 14 2016
Does Not Include Electrical, Plumbing, Mechanical, Structural or Off-Site Improvements. Make No Change Without Approval. Plan is Subject to Revision if Violates Any Ordinance.

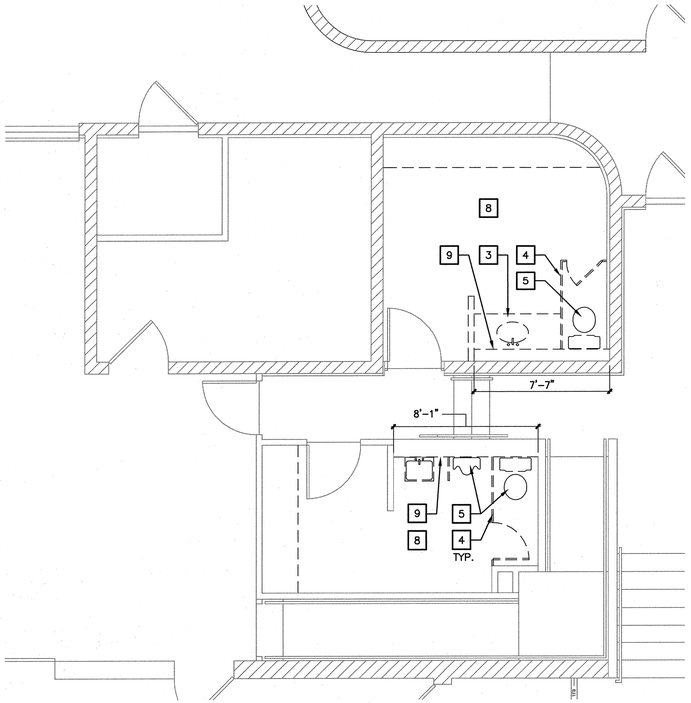
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NORTH

ENLARGED DEMO PLAN (A)

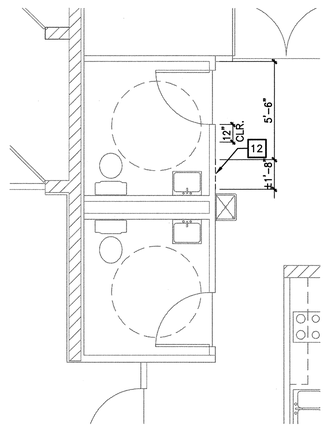
1/4" = 1'-0"



NORTH

ENLARGED DEMO PLAN (B)

1/4" = 1'-0"



NORTH

ENLARGED DEMO PLAN (C)

1/4" = 1'-0"

3

KEYNOTES

1. REMOVE EXISTING ROOF DRAINS & OUTLETS
2. DEMOLISH INDICATED PORTIONS OF EXISTING CMU WALL. PROTECT REMAINING STRUCTURAL WALLS IN-PLACE
3. REMOVE EXISTING LAVATORY COUNTERS & MIRRORS
4. REMOVE EXISTING RESTROOM PARTITION SYSTEMS, ACCESSORIES AND GRAB BARS.
5. REMOVE EXISTING PLUMBING FIXTURES. COORDINATE WITH PLUMBING FOR FLOOR CONDITION.
6. REMOVE EXISTING DRINKING FOUNTAIN
7. EXISTING FLOOR DRAIN TO BE REMOVED AND EXTENDED.
8. DEMOLISH EXISTING FLOOR AND WALL TILE.
9. REMOVE EXISTING GYP. BD. FINISH TO ACCESS EXISTING PLUMBING
10. EXISTING FLOORING TO REMAIN. PROTECT IN PLACE DURING CONSTRUCTION.
11. REMOVE EXISTING CONCRETE SLAB FOR NEW STRUCTURAL FOOTING.
12. REMOVE EXISTING GYP. BD. TO SUD TO ALLOW FOR INSTALLATION FOR WATER LINE AND POWER FOR NEW BOTTLE FILLING STATION.

3

DEMOLITION LEGEND

- EXISTING FRAMED WALL TO REMAIN, PROTECT EXISTING WORK TO REMAIN
- EXISTING FRAMED WALL TO BE DEMOLISHED, SERVICES INCLUDING, BUT NOT LIMITED TO HVAC, PLUMBING, FIRE PROTECTION, ELECTRICAL AND TELECOMMUNICATIONS SHALL BE REMOVED, MAINTAINED AND ABANDONED
- EXISTING DOOR & FRAME TO REMAIN AND BE PROTECTED
- EXISTING DOOR & FRAME TO BE DEMOLISHED; VERIFY SALVAGE, RELOCATION, RECYCLING OR REUSE WITH OWNER
- EXISTING CMU WALL TO REMAIN. PROTECT EXISTING WORK TO REMAIN

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65103
CITY OF LAS VEGAS

Field verify that all walls being removed are non-bearing walls and/or non-shear walls.

CITY OF LAS VEGAS NEVADA

DEPARTMENT OF PUBLIC WORKS

REVISIONS
1 9/6/16 PLAN COMMENTS

ARCHITECT
SH ARCHITECTURE
7250 Peak Drive Suite 210 Las Vegas Nevada 89128
office 702.363.2222 www.sh-architecture.com

Charleston Heights Community Center
– Renovation –

ENLARGED DEMO PLANS

JOHN A. SAWYER
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No. 7068
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STATE OF NEVADA

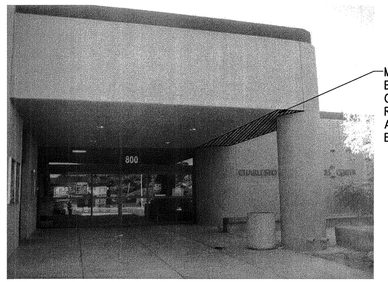
09/06/2016

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE/ANS (702) 229-6525
FAX: CONS (702) 381-8946
TDD: (702) 386-9108
Building & Safety Dept.
City of Las Vegas, Nevada

DRAWN CJT
FILE/BK SEP 14 2016
DATE Does Not Include Electrical, Plumbing, Mechanical, Off-Site Improvements. Make No Change Without Approval. Plan is Not a Permit to Violate Any Ordinance.
SCALE
BID NO 15.59806.JH
CLV DWG NO 620-10B
HANSEN NO 59806
SHT NO AD2.11

ALL DRAWINGS AND SPECIFICATIONS REVISED BY THE CLIENT MAY BE UTILIZED ONLY FOR OCCUPYING THE PROJECT FOR WHICH THEY WERE PREPARED AND NOT FOR THE CONSTRUCTION OF ANY OTHER PROJECT N A C 633.780
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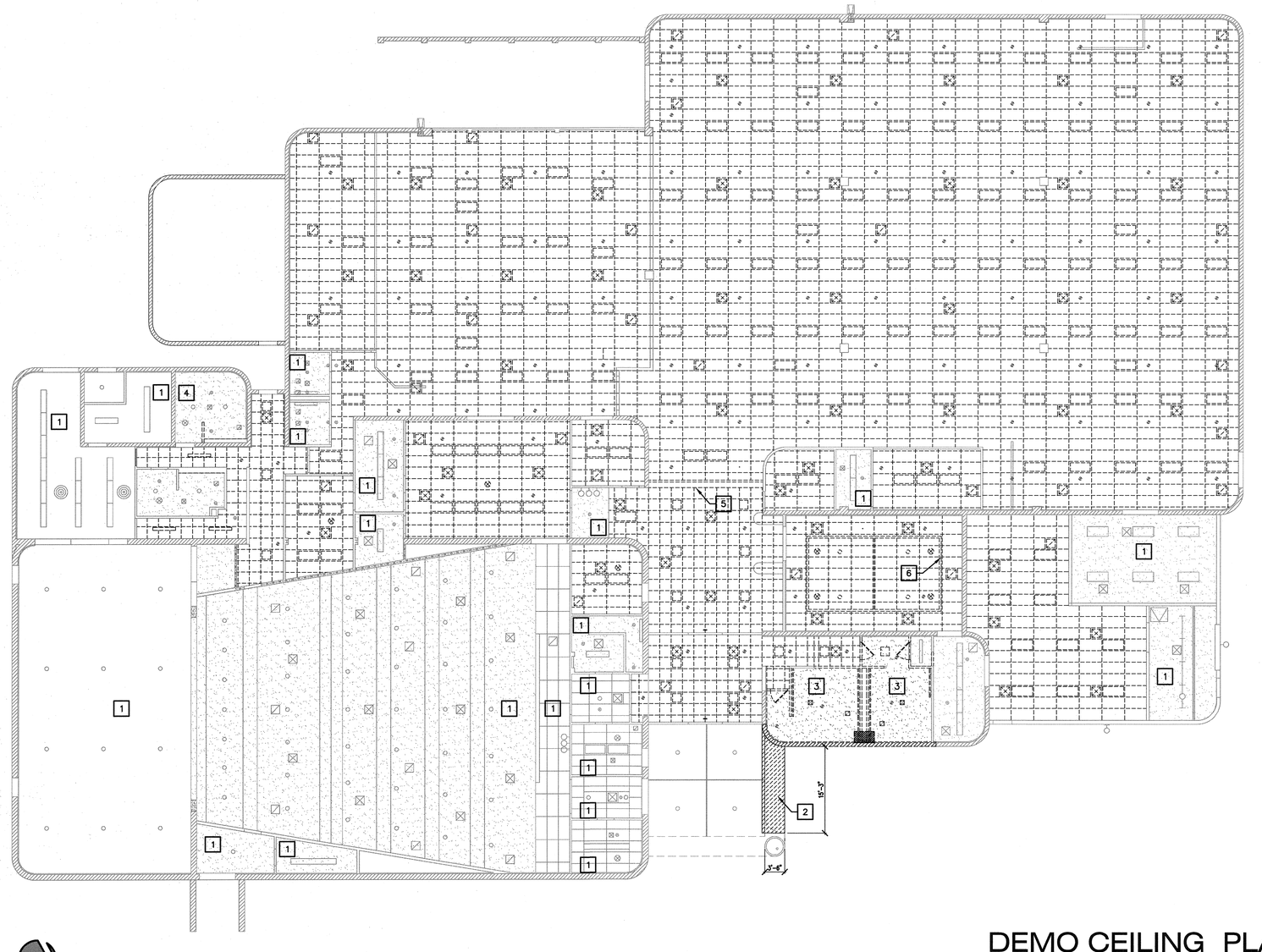
DETAIL 1
NTS

CEILING LEGEND

- EXISTING DIFFUSERS TO REMAIN. VERIFY WITH EXISTING CONDITIONS AND MECHANICAL DRAWINGS.
- EXISTING DIFFUSERS TO BE REMOVED, STORED AND REUSED WHEN POSSIBLE. SEE MECHANICAL DRAWINGS. DAMAGED DIFFUSERS TO BE DISCARDED. REUSED DIFFUSERS TO BE CLEANED AND PREPPED BEFORE REUSE.
- EXISTING LIGHT FIXTURE TO BE REMOVED
- EXISTING LIGHT FIXTURE TO REMAIN
- EXISTING RECESSED LIGHT FIXTURE TO REMAIN
- EXISTING RECESSED LIGHT FIXTURE TO BE REMOVED
- EXISTING WALL MOUNTED LIGHT FIXTURE TO REMAIN
- EXISTING WALL MOUNTED RESTROOM LIGHT FIXTURE TO BE REMOVED
- EXISTING SPEAKER TO BE REMOVED, STORED AND REUSED
- EXISTING SPEAKER TO BE REMAIN
- EXISTING SMOKE DETECTOR TO BE REMOVED, STORED AND REUSED
- EXISTING SMOKE DETECTOR TO BE REMAIN
- EXISTING EXIT LIGHT SIGN TO BE REMOVED
- EXISTING EXIT LIGHT SIGN TO BE REMAIN

KEYNOTES

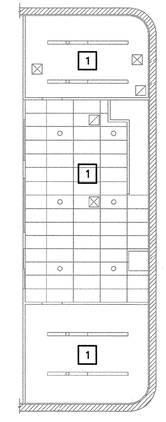
1. NO DEMOLITION WORK TO BE DONE IN THIS AREA
2. MODIFY EXISTING CEMENT CANOPY FOR RESTROOM EXPANSION. SEE DETAIL 1 ON SHEET AD3.10 FOR ADDITIONAL INFORMATION.
3. DEMOLISH EXISTING GYP. BD. CEILING.
4. EXISTING GYP. BD. CEILING TO REMAIN. PATCH AND REPAIR AT REMOVAL OF WALL.
5. REMOVE EXISTING ROOM DIVIDER.
6. REMOVE EXISTING TRACK LIGHTING SYSTEM.



NORTH

DEMO CEILING PLAN
3/32" = 1'-0"

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JUL 21 2016 65103
CITY OF LAS VEGAS



NORTH

MEZZANINE DEMO RCP
3/32" = 1'-0"

1

DEPARTMENT OF PUBLIC WORKS

CITY OF LAS VEGAS NEVADA

REVISIONS
1 7/18/16 PLAN COMMENTS

ARCHITECT
SH ARCHITECTURE
2710 Thom Blvd Suite 21 Las Vegas Nevada 89128
(702) 243-3333 (702) 243-3224 www.shearchitecture.com

Charleston Heights Community Center
– Renovation –

DEMO CEILING PLAN

JOHN A. SAWDEY
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No. 4958
ARCHITECT
STATE OF NEVADA

07/18/2016

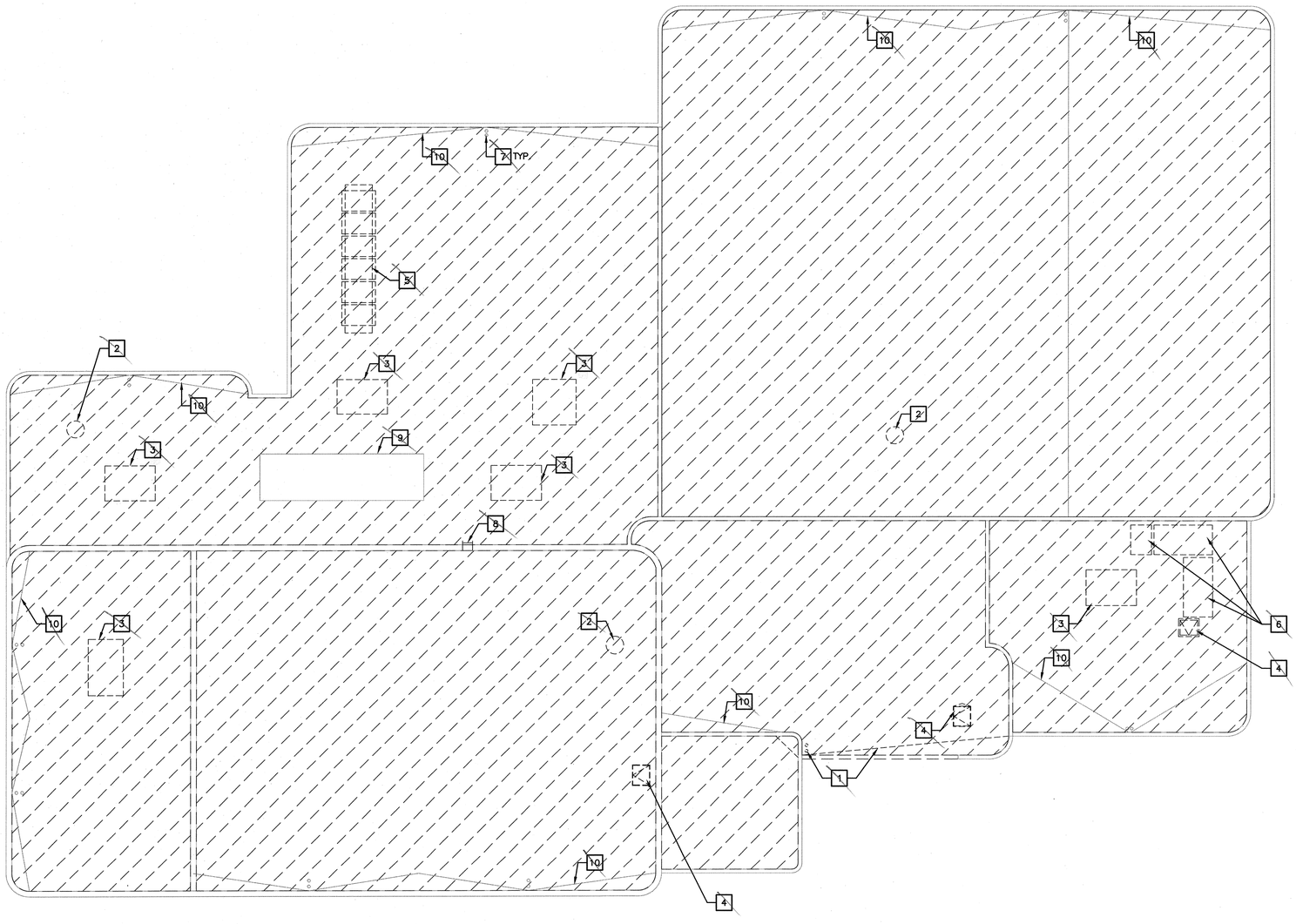
OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 384-4846
TDD: (702) 386-9108

DRAWN CJT
FILE CONSTRUCTION
DATE City of Las Vegas Nevada 05/02/2016
SCALE UBK SEP 14 2016
BID ID
CLV DWG NO 620-10B
HANSEN NO 59806
SHT NO AD3.10

PLANS APPROVED
Building & Safety Dept.
Does Not Include Electrical, Plumbing, Mechanical, Sewer or Off-Site Improvements. Make No Change Without Approval. Plan is Not a Permit to Violate Any Ordinance.
LS 52805 JH

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OF THE DRAWINGS AND SPECIFICATIONS ANY USE OR REPRODUCTION IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT IS STRICTLY PROHIBITED COPIES OF THE DRAWINGS AND



NORTH

DEMO ROOF PLAN

3/32" = 1'-0"

SHEET NOTES

A. REMOVE ALL MATERIALS NOT ASSOCIATED WITH ROOF FROM ROOFTOP AND STORE ELSEWHERE.

B. CONTRACTOR TO REMOVE ALL EXTERIOR LIGHTING ON ROOF DURING CONSTRUCTION AND RE-INSTALL AFTER IMPROVEMENTS ARE MADE. ALL WIRING AND CONDUITS MUST BE CONCEALED WITHIN BUILDING.

C. ALL EXISTING CONDUIT, PIPING, AND UTILITIES CURRENTLY ON ROOF TOP SHALL BE RE-LOCATED INSIDE BUILDING

D. ALL EXISTING MECHANICAL CURBS TO BE REMOVED

E. DEMOLISH ROOFING DOWN TO SHEATHING FOR FURTHER EXAMINATION OF CONDITION OF EXISTING ROOF. REMOVE EXISTING ROOFING INSULATION DOWN TO METAL DECK. CONTRACTOR IS TO ORGANIZE A MEETING WITH CONTRACTOR, ROOFING MANUFACTURER, OWNER, ARCHITECT, AND ENGINEER.

KEYNOTES

1. EXISTING ROOF DRAWIN AND CRICKETS TO BE REMOVED COMPLETELY.
2. REMOVE EXISTING EXHAUST FAN
3. REMOVE EXISTING MECHANICAL UNIT
4. REMOVE EXISTING ROOF ACCESS. MAINTAIN IN WORKING CONDITION FOR REUSE.
5. REMOVE EXISTING SOLAR COLLECTORS AND ASSOCIATED WIRING BACK TO SOURCE.
6. DEMO EXISTING WALK PADS
7. EXISTING ROOF DRAIN AND OVERFLOW DRAIN TO REMAIN
8. REMOVE EXISTING VERTICAL LADDER.
9. EXISTING MECHANICAL UNIT TO REMAIN.
10. EXISTING CRICKET FRAMING TO REMAIN – SINGLE PLY ROOFING TO BE REMOVED BACK TO SHEATHING.

LEGEND

EXISTING ROOFTING TO BE REMOVED DOWN TO SHEATHING.

CITY OF LAS VEGAS NEVADA

DEPARTMENT OF PUBLIC WORKS

REVISIONS

ARCHITECT

S|H ARCHITECTURE
2310 Paul Davis Drive 216 Las Vegas Nevada 89128
Phone 702.243.2222 www.shharchitecture.com

Charleston Heights Community Center
– Renovation –

DEMO ROOF PLAN

JOHN A. SAWDAY REGISTERED No. 4058 ARCHITECT STATE OF NEVADA

05/02/2016

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 384-4846
TDD: (702) 386-9108

DRAWN QT

FILE CONSTRUCTION
Building & Safety Dept.
City of Las Vegas, Nevada

DATE 05/02/2016

CHK SEP 14 2016

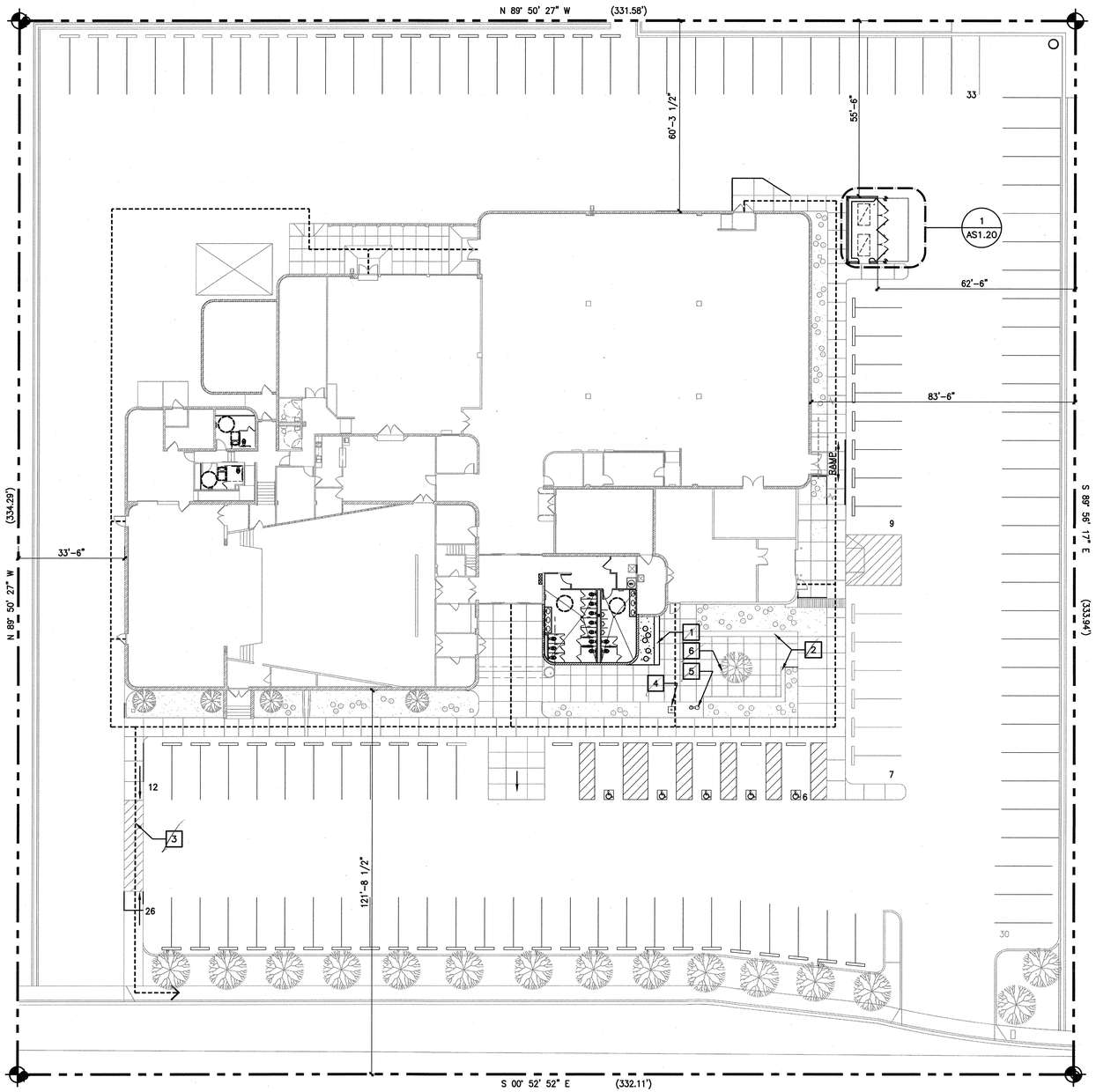
Does Not Include Electrical, Plumbing, Mechanical or Off-Site
59806 JH
Without Plan is
Not a Permit To Violate Any Ordinance
620-10B

CLV DIR

HANSEN NO 59806

SHT NO AD4.10

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BRUSH STREET

EVERGREEN AVENUE

NORTH

SITE PLAN

1" = 20'-0"

KEY NOTES

1. NEW PLANTER WITH BENCH SEATING. FINISH TO MATCH EXISTING.
2. EXISTING CONCRETE BENCH
3. EXISTING ACCESSIBLE ROUTE
4. EXISTING FLAGPOLE.
5. EXISTING DRINKING FOUNTAIN
6. EXISTING TREE TO REMAIN.

SEPARATE PERMIT REQUIRED FOR BLOCK WALLS, FENCING, WATER FEATURES, SIGNS AND STRUCTURES INDEPENDENT OF THE MAIN STRUCTURE.

PROVIDE ACCESSIBILITY FOR PERSONS WITH PHYSICAL DISABILITIES

PROVIDE EGRESS BY MEANS OF A RAMP FOR PERSONS WITH PHYSICAL DISABILITIES.

PLANS APPROVED
PLANNING
Building & Safety Dept.
City of Las Vegas, Nevada

LHM JUN 30 2016

Conforms to the minimum requirements of LVMC Title 19, applicable Master Plan development standards and/or Conditions of Approval. Make No Change Without Approval. Plan is Not a Permit to Violate Any Ordinance.

CITY OF LAS VEGAS NEVADA

DEPARTMENT OF PUBLIC WORKS

REVISIONS

ARCHITECT

SH ARCHITECTURE
7251 Dean Martin Drive, Suite 210, Las Vegas, NV 89139
office 702.363.2222 www.shearchitecture.com

Charleston Heights Community Center
– Renovation –

SITE PLAN

JOHN A. SAWYER
REGISTERED
No. 4058
ARCHITECT
STATE OF NEVADA

05/02/2016

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

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LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 384-2646
TDD: (702) 386-9108

DRAWN City of Las Vegas, Nevada
CIT

TITLE JBK SEP 14 2016

DATE 05/02/2016 Uses Not Including Plumbing, Mechanical, Electrical, Off-Site Improvements, Make No Change Without Approval. Plan is Not a Permit to Violate Any Ordinance.

SCALE

DEPT NO 15.59806.JH

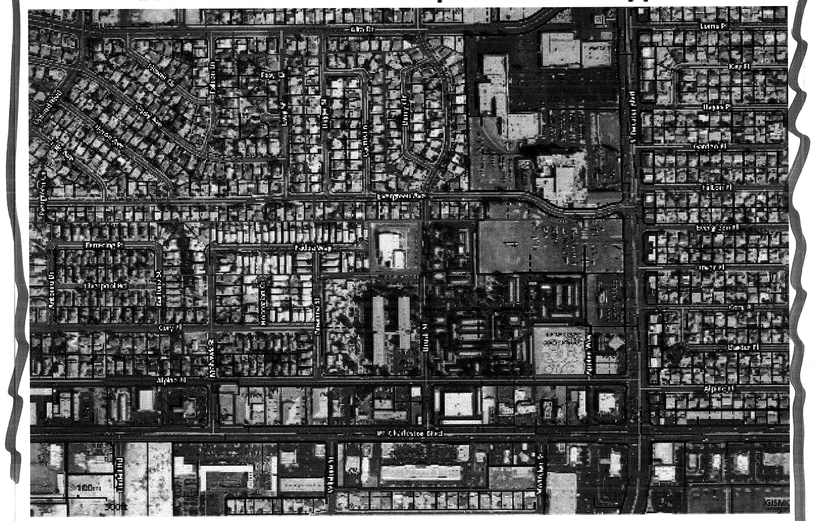
CLV DWG NO 620-10B

HANSEN NO 59806

SHT NO A1.10

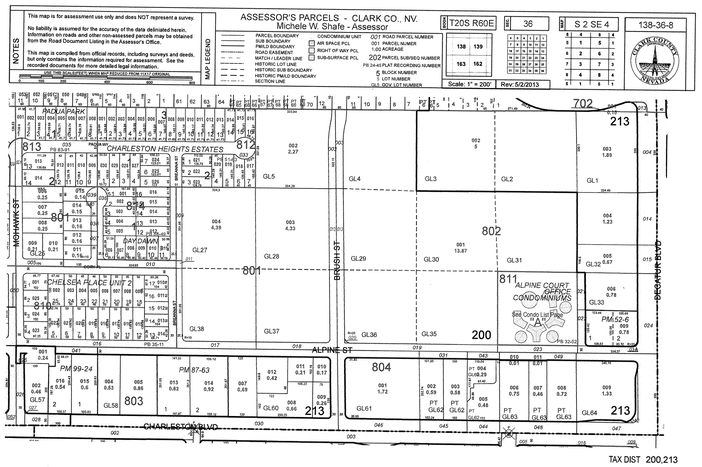
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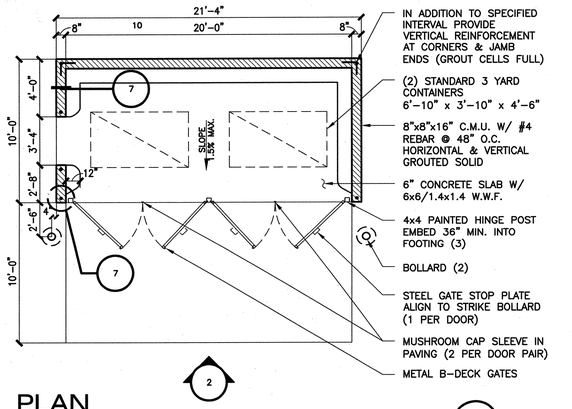
Southern Nevada GIS ~ OpenWeb Info Mapper



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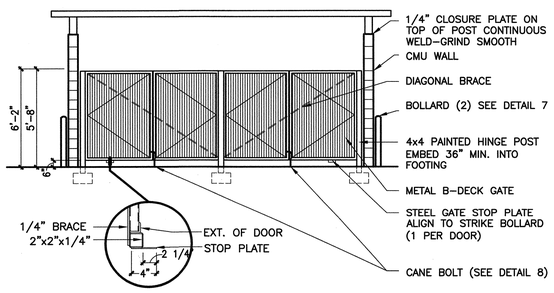
Date Created: 6/22/2016





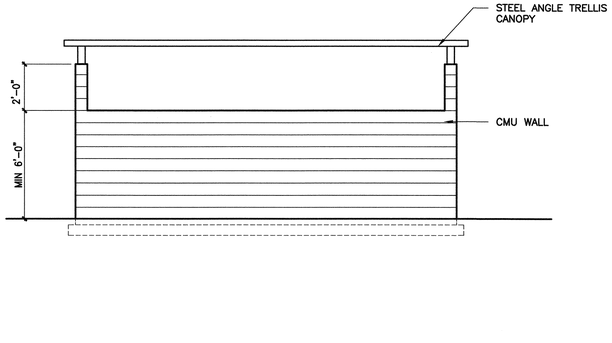
PLAN 1

NTS



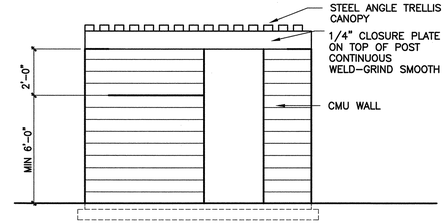
FRONT ELEVATION 2

NTS



REAR ELEVATION 3

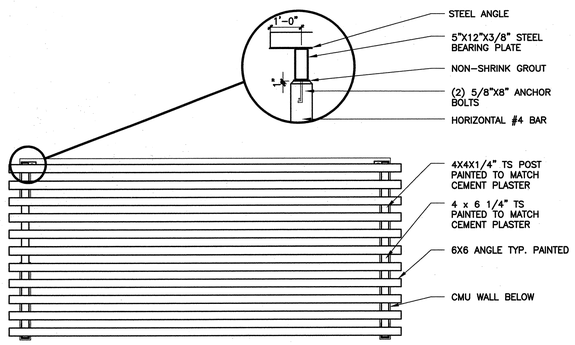
NTS



SIDE ELEVATION 4

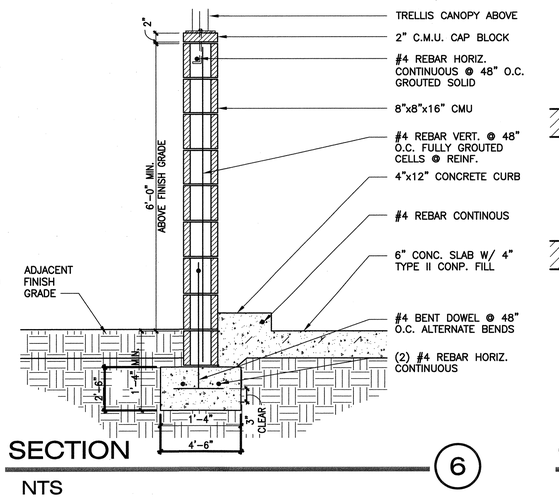
1/4" = 1'-0"

NOTE: SEE STRUCTURAL DRAWINGS FOR ADDITOINAL INFORMATION 1



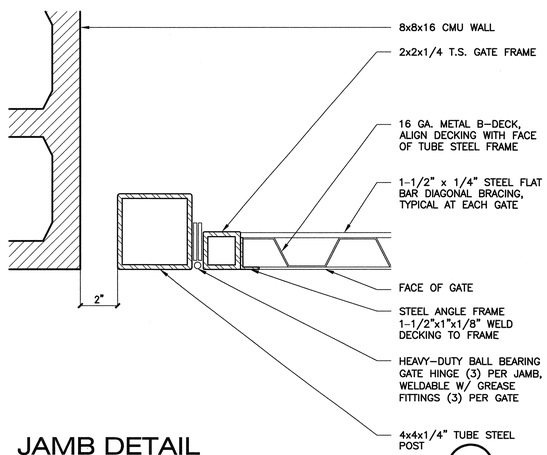
ROOF PLAN 5

NTS



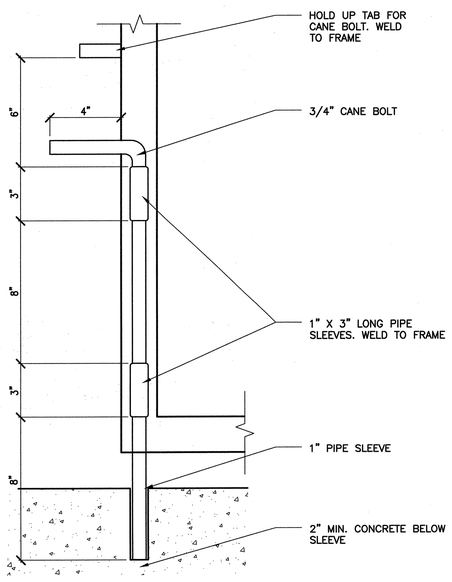
SECTION 6

NTS



JAMB DETAIL 7

NTS



CANE BOLT DETAIL 8

3"=1'-0"

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CITY OF LAS VEGAS NEVADA

PUBLIC WORKS

DEPARTMENT OF PUBLIC WORKS

REVISIONS
1 7/18/16 PLAN COMMENTS

ARCHITECT

SH ARCHITECTURE
7250 Fred Drive Suite 214 Las Vegas Nevada 89128
office 702.363.2222 www.sh-architecture.com

Charleston Heights Community Center
– Renovation –

TRASH ENCLOSURE PLAN, ELEVATIONS AND DETAILS

JOHN A. SAWDON REGISTERED No. 4038 ARCHITECT STATE OF NEVADA

07/18/2016

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

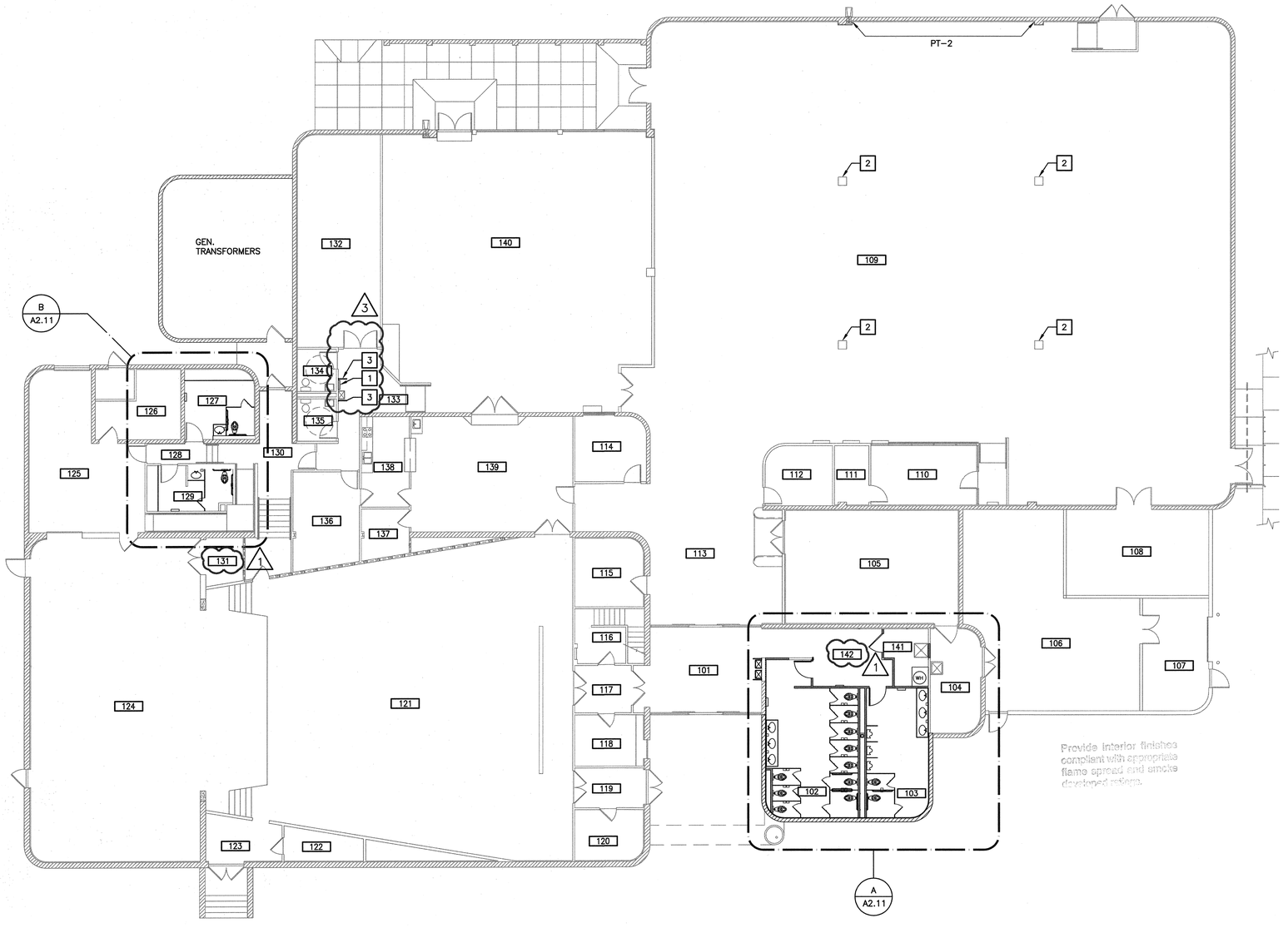
333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 384-4846
TDD: (702) 386-9108

DRAWN CJT
FILE
DATE
SCALE JBK
BID NO
CLV PROJ NO
AGREEMENT NO 59806
SHT NO A1.20

PLANS APPROVED CONSTRUCTION
Building & Safety Dept.
City of Las Vegas, Nevada
05/02/2016
SEP 14 2016
15-59806.UH
62-0108

Does Not Include Plumbing, Mechanical, Electrical, Or Site. Approval Does Not Change Or Cancel Any Plan Is Permit to Violate Any Ordinance.

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NORTH

OVERALL FLOOR PLAN

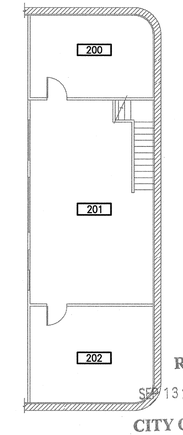
3/32" = 1'-0"

KEYNOTES

1. INSTALL NEW SURFACE MOUNTED BOTTLE FILLING STATION PER FOOTNOTE "G" OF TABLE 2902.1. PATCH AND REPAIR WALL TO MATCH EXISTING AS REQUIRED.
2. COLUMNS TO BE PAINTED PT-2.
3. PROVIDE STAINLESS STEEL WALL TO FLOOR DRINKING FOUNTAIN SAFETY RAIL. SEE DETAIL 6/A12.10

ROOM LEGEND

ROOM NO.	DESCRIPTION
101	ENTRANCE
102	WOMENS
103	MENS
104	FIRE SPRINKLER/RISER
105	EXHIBIT AREA
106	RECEIVING AREA
107	LOADING/UNLOADING
108	CHAIR STORAGE
109	MULTI-PURPOSE ROOM
110	OFFICE
111	OFFICE
112	OFFICE
113	LOBBY
114	OFFICE
115	OFFICE
116	STAIR
117	FOYER
118	BOX OFFICE
119	FOYER
120	STORAGE
121	AUDITORIUM
122	MAINT. OFFICE
123	ALCOVE
124	STAGE
125	BACKSTAGE WORK AREA
126	ELECTRICAL ROOM
127	DRESSING ROOM
128	CORRIDOR
129	DRESSING ROOM
130	CORRIDOR
131	STORAGE
132	STORAGE
133	CORRIDOR
134	TOILET ROOM
135	TOILET ROOM
136	STAFF ROOM
137	STORAGE
138	SERVING
139	CONFERENCE
140	MULTI-PURPOSE ROOM
141	JANITOR
142	CORRIDOR
200	MECHANICAL ROOM
201	CONTROL ROOM
202	STORAGE



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NORTH

MEZZANINE PLAN

3/32" = 1'-0"

DEPARTMENT OF PUBLIC WORKS

REVISIONS
1 7/5/16 PLAN COMMENTS
3 9/6/16 PLAN COMMENTS

ARCHITECT
SH ARCHITECTURE
2300 West Sahara Ave. Suite 216 Las Vegas, Nevada 89102
office 702.343.2223 www.shsarchitecture.com

Charleston Heights Community Center
- Renovation -

OVERALL FLOOR PLAN

JOHN A. SAWDY
REGISTERED
No. 4038
ARCHITECT
STATE OF NEVADA
09/06/2016

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 384-2906
TDD: (702) 385-7486

DRAWN	City of Las Vegas, Nevada
FILE	JBK SEP 14 2016
DATE	05/02/2016
SCALE	Does Not Include Electrical, Plumbing, Mechanical, Structural, Or Site Improvements. Make No Changes Without Approval. Plan is Not a Permit to Violate Any Ordinance.
BID NO	15.59806.JH
CLV DWG NO	620-10B
HANSEN NO	59806
SHT NO	A2.10

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