

DEPARTMENT OF PUBLIC WORKS

CAPITAL PROJECT MANAGEMENT

Conditions of Approval



September 29, 2016

City of Las Vegas
Real Estate Division
333 North Rancho Drive, 8th Floor
Las Vegas, Nevada 89106

RE: SDR-66253 [PRJ-66233] - ADMINISTRATIVE SITE DEVELOPMENT PLAN REVIEW
ADMINISTRATIVE CYCLE - SEPTEMBER 2016

Dear Applicant:

Your request for a Minor Amendment of a Site Development Plan Review (SDR-4312) FOR ADDITIONAL SHADE STRUCTURES AND PLAY AREA WITHIN AN EXISTING PUBLIC PARK on 10.0 acres adjacent to the northeast corner of Tenaya Way and Summerlin Parkway (a portion of APN 138-27-301-019), C-V (Civic) Zone (ROW (Right-of-Way) General Plan Designation), Ward 1 (Tarkanian) [PRJ-66233], has been considered administratively by the Department of Planning staff.

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

Planning

- Conformance to the Conditions of Approval for Site Development Plan Reviews (SDR-4312 and SDR-45228) shall be required, if approved.
- 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.
- All development shall be in conformance with the site plan, date stamped 08/16/16, building elevations, date stamped 08/16/16, and landscape plan, date stamped 09/26/16, except as amended by conditions herein.
- 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.
- These Conditions of Approval shall be affixed to the cover sheet of any plan set submitted for building permit.

CITY OF LAS VEGAS
DEPARTMENT OF PLANNING
DEVELOPMENT SERVICES CENTER
333 NORTH RANCHO DRIVE
3RD FLOOR
LAS VEGAS, NEVADA 89106
VOICE 702.229.8001
FAX 702.474.0052
TTY 711
www.lasvegasnevada.gov
City of Las Vegas

SDR-66253 [PRJ-66233] - Page Two
September 29, 2016

- All City Code requirements and design standards of all City Departments must be satisfied, except as modified herein.

Public Works

- Contact the City Engineer's Office at 229-6272 to coordinate the development of this project with the "Trail Signs and Markers" project, and any other public improvement projects adjacent to this site. Comply with the recommendations of the City Engineer.
- Meet with the Flood Control Section of the Department of Public Works for assistance with establishing finished floor elevations and drainage paths for this site prior to submittal of construction plans, the issuance of any building or grading permits, whichever may occur first. Provide and improve all drainage ways as recommended.
- Site development to comply with all applicable conditions of approval for SDR-4312 and all other applicable site-related actions.

This action by the Department of Planning staff on September 29, 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,

Peter Lowenstein, AICP
Planning Section Manager
Current Planning

PL:ml



PUBLIC WORKS DEPARTMENT

BILL BRIARE FAMILY PARK IMPROVEMENTS

BID NUMBER: 15.59815DC
CLV DWG NUMBER: 650.90-2

THESE PLANS WERE CHECKED
UNDER THE 2012 IRC,
THE 2011 NEC, AND THE
2012 IBC, UPC, AND UMC

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

LHM NOV 10 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.

APPROVED BY:

DATE:

PROJECT MANAGER:

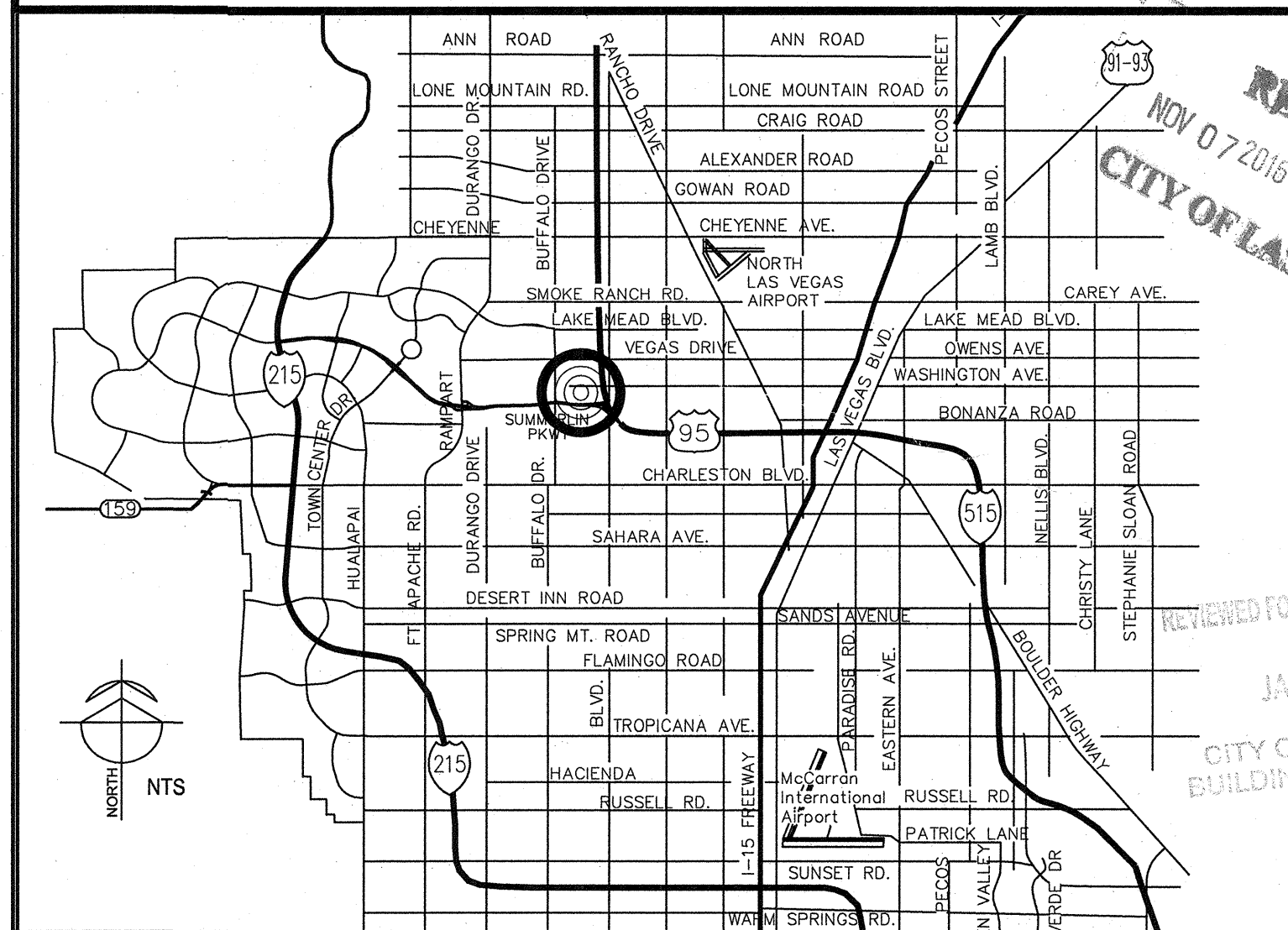
11/7/16

CITY ENGINEER:

Index Of Sheets

No.	DWG No.	DESCRIPTION
1	COVER	PROJECT COVER SHEET
CIVIL		
2	C	CIVIL COVER SHEET
3	C0.00	GENERAL NOTES
4	C1.00	OVERALL SITE PLAN & SURVEY CONTROL
5	C1.01	SITE PLAN - WEST
6	C1.02	SITE PLAN - EAST
7	C2.01	GRADING PLAN - WEST
8	C2.02	GRADING PLAN - EAST
9	C3.00	UTILITY PLAN
10	C4.00	DETAILS
LANDSCAPE		
11	L1.00	DEMOLITION LEGEND & NOTES
12	L1.01	DEMOLITION PLAN
13	L1.02	DEMOLITION PLAN
14	L2.00	HARDSCAPE LEGEND, NOTES & KEYMAP
15	L2.01	HARDSCAPE PLANS
16	L2.02	HARDSCAPE PLANS
17	L2.03	HARDSCAPE DETAILS
18	L2.04	HARDSCAPE DETAILS
19	L2.05	HARDSCAPE DETAILS
20	L2.06	HARDSCAPE DETAILS
21	L2.07	HARDSCAPE DETAILS
22	L2.08	HARDSCAPE DETAILS
23	L3.00	PLANTING LEGEND, NOTES & KEYMAP
24	L3.01	PLANTING PLAN
25	L3.02	PLANTING PLAN
26	L3.03	PLANTING DETAILS
27	W1.00	WATER PLAY SCHEDULE & NOTES
28	W1.01	WATER PLAY ENLARGEMENT
29	W1.02	WATER PLAY DETAILS
30	W1.03	WATER PLAY DETAILS
31	W1.04	WATER PLAY DETAILS
IRRIGATION		
32	IR-1.0	IRRIGATION COVER SHEET
33	IR-1.1	IRRIGATION DEMOLITION PLAN
34	IR-1.2	IRRIGATION PLAN
35	IR-1.3	IRRIGATION PLAN
36	IR-1.4	IRRIGATION DETAILS
37	IR-1.5	IRRIGATION DETAILS
38	IR-1.6	IRRIGATION DETAILS
39	IR-1.7	IRRIGATION DETAILS
ELECTRICAL		
40	E0.00	ELECTRICAL LEGEND
41	EPS.00	ELECTRICAL SITE PLAN
42	ES.00	ELECTRICAL DEMOLITION PLAN
43	ES.01	ELECTRICAL SITE PLAN - AREA 1
44	ES.02	ELECTRICAL SITE PLAN - AREA 2
45	E1.01	ENLARGED SPLASH PAD AND SHELTERS
46	E1.02	ENLARGED BASKETBALL AND PICKLE BALL COURTS
47	E2.01	ELECTRICAL DETAILS
48	E3.01	EXISTING SINGLE LINE DIAGRAM, SCHEDULES
STRUCTURAL		
49	S0.1	GENERAL STRUCTURAL NOTES
50	S1.1	STRUCTURAL DETAILS
51	S1.2	STRUCTURAL DETAILS

LOCATION MAP



REVISIONS

CLV Comments

10/31/16

CONSULTANT

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

CITY OF LAS VEGAS
BILL BRIARE FAMILY PARK IMPROVEMENTS
650 N. TENAYA WAY

COVER SHEET



OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

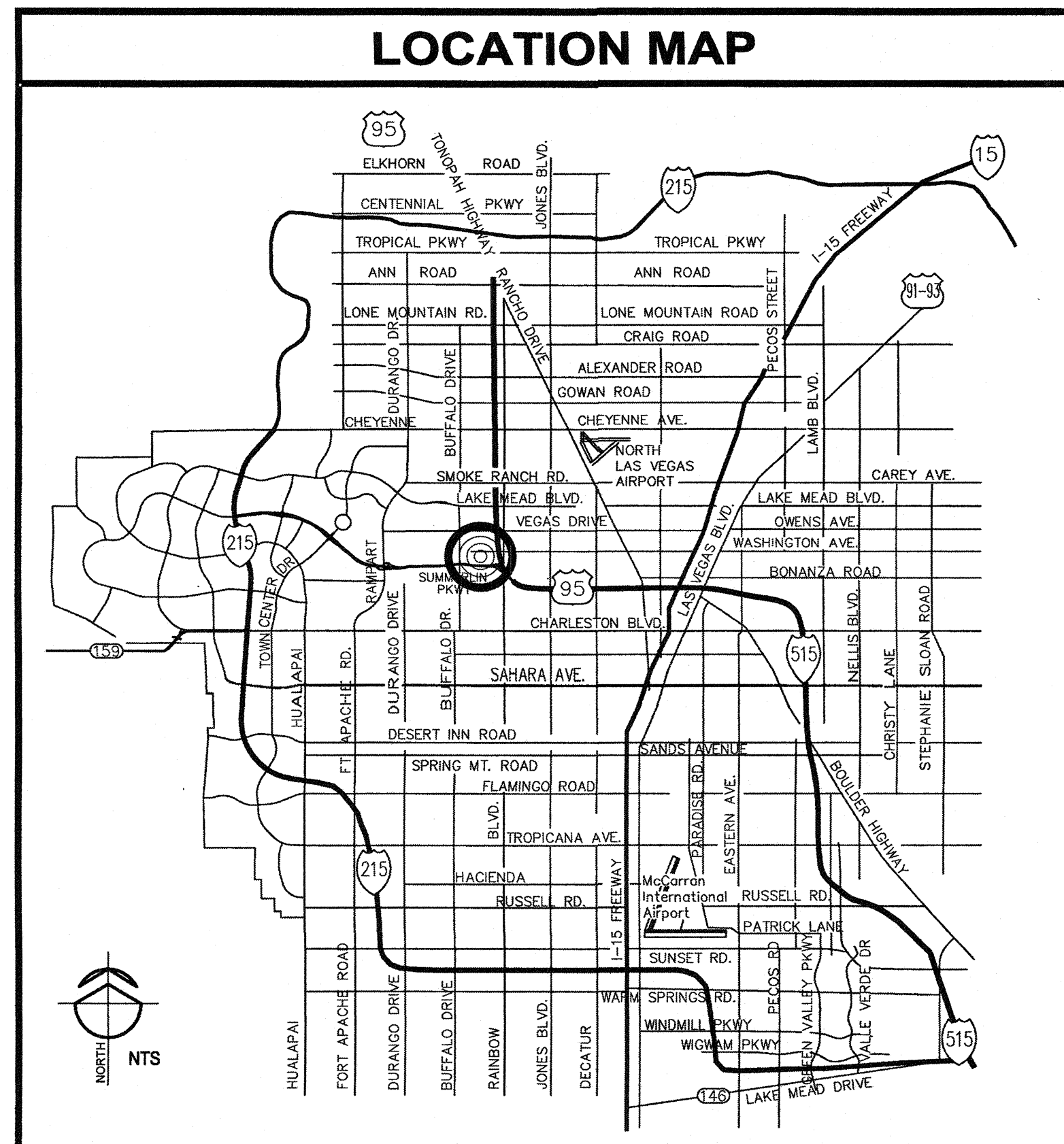
333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 384-4846
TDD: (702) 386-9108

DRAWN: CLG
FILE: 16-001
DATE: August 29, 2016
SCALE: NONE
BID NO: 15.59815DC
CLV DWG NO: 650.90-2
HANSER #: 59815
SHEET NO:

COVER

DEPARTMENT OF PUBLIC WORKS

CAPITAL PROJECT MANAGEMENT



PUBLIC WORKS DEPARTMENT

BILL BRIARE FAMILY PARK IMPROVEMENTS

BID NUMBER: 15.59815DC
CLV DWG NUMBER: 650.90-2

APN: 138-27-301-019

APPROVALS

Allen Pavelka 12-13-16
ALLEN PAVELKA, PE #9029 DATE
CLV CITY ENGINEER

APPROVAL OF THESE PLANS IS LIMITED TO THOSE IMPROVEMENTS CONSTRUCTED IN THE DEDICATED RIGHT-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 DEVIATION FROM STANDARD. THE ENGINEER SHALL RESOLVE ANY DEVIATION OTHER THAN THOSE LISTED IN DEVIATIONS FROM STANDARDS IN FAVOR OF THE UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS CLARK COUNTY AREA NEVADA.

Chris Knight 12-13-16
CHRIS KNIGHT, DIRECTOR OF BUILDING AND SAFETY DATE

THIS PLAN MEETS THE APPLICABLE STANDARDS OF THE PLANNING DEPARTMENT

Las Vegas Fire & Rescue 11/21/16
LAS VEGAS FIRE & RESCUE DATE

Southwest Gas 12/8/16
SOUTHWEST GAS DATE

Century Link 11/21/16
CENTURY LINK DATE

Barbara Garrison 12-7-16
NV ENERGY DATE

Index Of Sheets		
No.	DWG No.	DESCRIPTION
1	COVER	PROJECT COVER SHEET
CIVIL		
2	C0.00	GENERAL NOTES
3	C1.00	OVERALL SITE PLAN & SURVEY CONTROL
4	C1.01	SITE PLAN - WEST
5	C1.02	SITE PLAN - EAST
6	C2.01	GRADING PLAN - WEST
7	C2.02	GRADING PLAN - EAST
8	C3.00	UTILITY PLAN
9	C4.00	DETAILS

Cox Communications 11/2/16
Cox Communications Las Vegas, Inc.

APPROVED FOR CONSTRUCTION
Disabier
Las Vegas Valley Water District Engineering Service Manager
Project No. 124931 Date: 12/01/16

RECEIVED
DEC 22 2016
CITY OF LAS VEGAS
BUILDING DEPT.

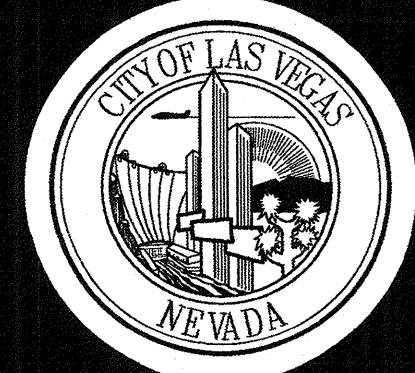
H#65970
650.90-2

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

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

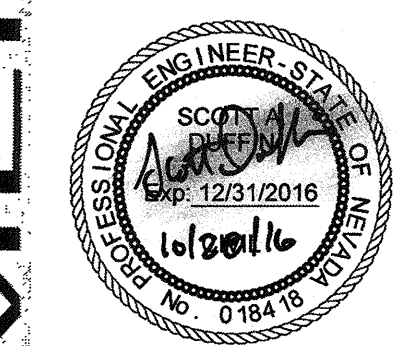
CALL BEFORE
YOU DIG
OVERHEAD
1-702-227-2929

NEVADA PUBLIC WORKS COM.
THAT WE HAVE REVIEWED
AND
WE HAVE PROVIDED
OUR COMMENTS
TO THE NEVADA PUBLIC WORKS COM.
AND REGULATIONS.



REVISIONS
CONSULTANT
HORROCKS ENGINEERS
1349 Galleria Drive, Suite 110
Las Vegas, NV 89014
(702) 966-4063

CITY OF LAS VEGAS
BILL BRIARE FAMILY PARK IMPROVEMENTS
650 N. TENAYA WAY
APN: 138-27-301-019
COVER SHEET



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: SAD
FILE: 16-001
DATE: October 31, 2016
SCALE: NONE
BID NO: 15.59815DC
CLV DWG NO: 650.90-2
HANSER #: 59815
SHEET NO: 1
COVER

CITY OF LAS VEGAS GENERAL NOTES

1. All construction and materials shall be in accordance with the "Uniform Standard Specifications for Public Works Construction Off-Site Improvements, Clark County area Nevada", latest issue; the "Uniform Standard Drawings for Public Works Construction, Clark County area Nevada", latest revised edition; the "Summerlin Improvement Standards" for work in the Summerlin area; and other applicable approved standards issued by the controlling agency; the Uniform Building Code; and all local city codes and ordinances applicable, except as noted on this sheet as "Deviations from Standards".
2. The existence and location of any overhead or underground utility lines, pipes, or structures shown on these plans are obtained by a research of the available records. Existing utilities as shown from CLV Plans Library are approximate and for record purposes. Existing utilities are located on plans only for the convenience of the Contractor. Existing utility service laterals may not be shown on the plans. The Contractor shall, at his own expense, locate all underground and overhead interference's which may affect his operation during construction and shall take all necessary precautions to avoid damage to same. The Contractor shall use extreme caution when working near overhead utilities so as to safely protect all personnel and equipment, and shall be responsible for all cost and liability in connection therewith.
3. The Contractor shall take all precautionary measures necessary to protect existing utility lines, structures and street improvements which are to remain in place, from damage, and all such improvements or structures damaged by the Contractor's operations shall be repaired or replaced satisfactory to the City Engineer and owning utility company at the expense of the Contractor.
4. All construction shall be as shown on these plans, any revisions shall have the prior written approval of the City Engineer.
5. Type V cement shall be used in all off-site concrete work. Concrete to be 3000 P.S.I. minimum @ 28 days. Mix designs to be approved by the City, prior to the use on the project.
6. Permits are required for any work in the public Right-of-way. The Contractor shall secure all permits and inspections required for this construction.
7. Expansion joints required, maximum every 300' in extruded-type curb.
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 standard drawing 216.
10. Sidewalk ramps shall be constructed in each quadrant of an intersection per standard drawing 235. Exact location of ramps may be adjusted in the field by a City Inspector.
11. Contractor shall provide all necessary horizontal and vertical transitions between new construction and existing surfaces to provide for proper drainage and for ingress and egress to new construction. The extent of the transitions to be as shown on plans.
12. Ninyo & Moore prepared the Geotechnical Data Report (Project #303990001), dated April 19, 2016, for this project. The geotechnical-related work items detailed on the civil plans are based upon the recommendations of the Geotechnical Interpretive Report (Project #303990001) for this project prepared by Ninyo & Moore, Dated April 18, 2016.
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. Statute No. 625.380 & City of Las Vegas Title 18, Appendix D.
15. Utility company meter boxes, manhole lids, valve covers, etc., shall be located out of driveways, driveway aprons, flowlines, and cross gutters unless written approval is granted by the utility company and the City Engineer.

Wall Notes:

16. All walls, new or existing, are only shown on civil plans for the purpose of reviewing grading relationships; flood control and sight distance at intersections. New walls require a separate permit and inspection by the Building Department.
17. Asphalt mix design must be submitted and approved by the City Engineer prior to the placement of Asphalt within City Right of Way.
18. Contractor shall adjust all new and existing inlets, valve boxes, manhole rims, and sewer 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 provide written documentation to Offsite Inspection and Testing certifying that all devices have been placed and verified to be in good working condition prior to the construction of any road base.
21. Sanitary sewer and storm drain final location map(s) shall be provided to the city and approved prior to acceptance of facility video inspection. The map(s) shall include the horizontal and vertical (invert) location of public sewer manholes, storm drain manholes and transition structures, storm drain laterals at the connection to the storm drain main and at the connection to a drop inlet, the connection of sewer service laterals to the sewer main and where the sewer service laterals exit the public right-of-way, and storm drain main alignment, including deflection points. The location shall be described by coordinates which shall be based on the official horizontal and vertical control networks of the City of Las Vegas. Final location maps must be sealed and certified by a Nevada professional land surveyor to have positional certainties of ± 0.09 meters (± 0.3 feet) horizontally and vertically. A separate electronic comma delimited file for the sanitary sewer and storm drain coordinates shall also accompany the sanitary sewer and storm drain final location map(s).

22. CCTV video inspection is required for all sewer and storm drains. The CCTV video inspections need to be performed per the Design and Construction Standards for Wastewater Collection Systems latest edition.

23. A separate Boring Permit is required for all boring activities.

REVISED 02/03/15

CITY OF LAS VEGAS GRADING NOTES

1. In the event that any unforeseen conditions not covered by these notes are encountered during grading operations, the Owner/Engineer shall be immediately notified for direction.
2. It shall be the responsibility of the Contractor to perform all necessary cuts and fills within the limits of this project and the related off-site work, so as to generate the desired subgrade, finish grades and slopes shown.
3. Contractor shall take full responsibility for all excavation. Adequate shoring shall be designed and provided by the Contractor to prevent undermining of any adjacent features or facilities and/or caving of the excavation.
4. The Contractor is warned that an earthwork balance was not necessarily the intent of this project. Any additional material required or leftover material following earthwork operations becomes the responsibility of the Contractor.
5. The Grading Contractor is responsible to coordinate with the owner to provide for the requirements of the project Storm Water Pollution Prevention Plan (SWPPP) and associated permit.
6. Contractor shall grade to the lines and elevations shown on the plans within the following horizontal and vertical tolerances and degrees of compaction, in the areas indicated:

	Horizontal	Vertical
A. Pavement Area Subgrade	0.1'+	+0.0' to -0.1'
B. Engineered Fill	0.5'+	+0.1' to -0.1'

Compaction Testing will be performed by the owner or his representative.
7. All cut and fill slopes shall be protected until effective erosion control has been established.
8. The use of potable water without a special permit for building or construction purposes including consolidation of backfill or dust control is prohibited. The Contractor shall obtain all necessary permits for construction water.
9. The Contractor shall maintain the streets, sidewalks and all other public right-of-way in a clean, safe and usable condition. All spills of soil, rock or construction debris shall be promptly removed from the publicly owned property during construction and upon completion of the project. All adjacent property, private or public shall be maintained in a clean, safe and usable condition.
10. In the event that any temporary construction item is required that is not shown on these drawings, the owner agrees to provide and install such item at his own expense and at the direction of the City Engineer. Temporary construction includes ditches, berms, road signs and barricades, etc.

REVISED 04/15/10

DEVIATIONS FROM STANDARDS

There are no known deviations from applicable city of Las Vegas standards, unless stated in the contract documents.

WATER NOTES

1. All new water facilities shall be constructed in accordance with the uniform design and construction standards (UDACS) for potable water distribution systems, latest edition, unless noted otherwise.

CITY OF LAS VEGAS STREET LIGHT 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 any adopted Special Area Standards.
2. No deviation of street light, pull box, conduits (etc.) locations shall be permitted without written approval of Traffic Engineering and the City Engineer.
3. All existing street lighting shall remain operational during construction.
4. All street lighting conduits stub shall have at least one Green #8 THW wire installed, as tracer wire. When "empty" conduit is completely installed from PB to PB, it shall have 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 No. 320A.
6. As-built drawings shall be supplied to the TEFO prior to any pre-final inspection. The asbuilt drawing needs to be stamped as-built and signed by the preparer.
7. Service point shall be coordinated with NV Energy Company, and wherever possible, be located near the center of the circuit. Service points shall be shown on the Civil Plans.
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, at no expense to the City of Las Vegas, before streetlight bases are installed.
10. The Contractor shall furnish complete service to transformers and control systems if required on 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 cost of said Street Lights prior to Project Completion. Refer to the plan for any new service requirements. The transfer of ownership from the Developer/Owner to The City of Las Vegas for all new Public Street 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) at (702) 229-8331.

REVISED 04/15/10

CITY OF LAS VEGAS TRAFFIC NOTES

1. All construction signing, barricading, and traffic delineation shall conform to the "Manual on Uniform Traffic Control Devices", latest edition.
2. The street sign contractor shall obtain street names and block numbering from the Planning Department prior to construction.
3. Before any work is started in the right-of-way, the contractor shall install all advance warning signs for the construction zone. The contractor shall install temporary stop signs at all new street encroachments into existing city streets where warranted immediately after first grading work is accomplished, and shall maintain said signs until permanent signs are installed.
4. When a designated "safe route to school" is encroached upon by a construction work zone and Public Works staff identifies a need for students to be assisted in the safe crossing through that work zone, the contractor shall be required to provide a qualified "crossing guard". The guard shall be present for the full duration of time that children are likely to be present.
5. If the improvements necessitate the obliteration, temporary obstruction, temporary removal or relocation of any existing traffic pavement marking, such pavement marking shall be restored or replaced with like materials to the satisfaction of the City Traffic Engineer.
6. The contractor shall be responsible for providing and installing all permanent signs shown on the plans. All new traffic signs shall be fabricated with diamond grade vip class 6 reflective sheeting or approved equal. All new traffic signs, except street name and school speed limit signs, shall have 3m series 1160 or approved equivalent anti-graffiti protective overlay film; school zone signs shall have 3m series 1150 anti-graffiti protective overlay film. Street name signs shall conform in their entirety to current city standards. All other signs shall be standard size unless otherwise specified on the plans. All sign posts shall be installed in accordance with the current city standards.
7. When a proposed street light standard is located within five (5) feet of any proposed sign shown on the plans to be mounted on a signpost, the sign shall be mounted on the street light standard and the signpost shall be eliminated.
8. All permanent traffic control devices called for hereon shall be in place and in final position prior to allowing any public traffic onto the portions of the road(s) being improved here under, regardless of the status of completion of paving or other off-site improvements called for by these plans.
9. Street signs and stops signs shall be installed per City standard specifications for placement of street name signs.
10. The contractor shall provide all necessary traffic control devices and flaggers to insure the safety of the public in or around the work area. The contractor shall have a certified ATSSA traffic control technician or IMSA work zone safety specialist set up, maintain and/or remove all traffic control devices in the City of Las Vegas right of way.
11. Work in public streets, once begun, shall be expedited to completion so as to provide minimum inconvenience to adjacent property owners and to the traveling public.
12. The contractor shall be responsible for notifying Citizens Area Transit (C.A.T.) if the construction interrupts or relocates a bus stop or has an adverse effect on bus service on that street to arrange for temporary relocation of stop.
13. Guards shall be obtained by contacting the Metropolitan Police Department special events unit (phone # 828-3442) who will provide officers properly trained in traffic control. Fees for the use of these officers shall be set by metro and will be paid by the contractor. The contractor is responsible for all arrangements with metro.
14. Any work within 300' of a signalized intersection will be night work, unless otherwise directed by the City of Las Vegas Traffic Engineer.
15. The contractor shall contact the Traffic Engineering Division (transportation section) through the project's offsite inspector prior to initiating paving to receive direction for any permanent or temporary modifications to the approved drawings regarding final pavement transitions, markings and signing that are required to match adjacent roadway segments. The contractor shall provide a drawing for approval by the traffic engineering division depicting any adjustments to the final pavement markings and signage, which may include omitting, adding or modifying pavement markings and traffic control signs such that adequate transitions and lane terminations between adjacent roadway segments are constructed.

REVISED 04/15/10

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" 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 pipe which allows for pipe deflection at the joints.

REVISED 04/15/10

Call before you Dig
AND CATCH ANY UNDISCOVERED
UTILITY LINES IT'S COSTLY.

**Call
811**

OR

1-800-227-2600

AVOID HITTING OVERHEAD
POWER LINES IT'S COSTLY.

**CALL BEFORE
YOU DIG
TO AVOID
OVERHEAD**

FAST

Call
before you
Underground

1-702-432-5300

FREEWAY AND AIRPORT
SYSTEM OF TRANSPORTATION

APPROVED FOR CONSTRUCTION

Y. D. SHABIER
Las Vegas Valley Water District Engineering Service Manager
Project No. 124931 Date 12/01/16

LVVWD STANDARD NOTES

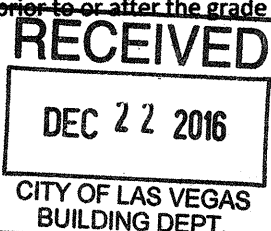
LVVWD PROJECT NO. " 124931 "

1. No work shall begin until the water plans have been approved for construction by the LVVWD. following water plan approval, notice shall be given to the LVVWD communication support center (258-7171) two (2) working days prior to the start of construction. For future inspections, notice must be given by 2:00 p.m. The business day prior to the requested LVVWD inspection. When requesting inspections, please refer to the project identified above.
2. All work shall conform to LVVWD standard plates, drawings, and specifications, and to the 2010 edition of the Uniform Design and Construction Standards for potable water systems (UDACS). The latest edition of UDACS shall supersede any conflicts contained in the approved drawings and/or specifications.
3. All work, except as modified by these plans or by note 2 above, shall be done in accordance with the most recent draft or edition of the Uniform Standard Specifications for Public Works Construction Offsite Improvement, Clark County Area.
4. A single pipe material shall be used throughout the project unless otherwise approved by the LVVWD.
5. All service laterals two (2) inches in diameter and smaller shall be Type K copper tubing with LVVWD approved service saddles.
6. All water meter boxes shall be located outside of driveway areas.
7. All valves shall be located outside of driveways, valley and curb gutters.
8. All water and storm drain or sanitary sewer crossings shall conform to section 2.22 of the 2010 edition of the UDACS.
9. All water facilities shall be filled, disinfected, pressure tested, flushed, filled and an acceptable water sample obtained, prior to connection to the LVVWD distribution system.
10. The contractor must obtain all meters two (2) inches and smaller from LVVWD central stores. Telephone 258-3152 or 258-3802, two (2) working days prior to meter pickup.
11. Any interruption of service must be performed in accordance with UDACS section 3.14.01, and approved by the LVVWD inspection division prior to shut down. Proper written notification must be given to all affected customers.
12. All water facility construction materials used must be as listed on the LVVWD pre-approved materials and manufacturer's listing for new facilities, latest revision, or specifically approved on these plans.
13. Telephone "call before you dig" at "811" or 1-800-227-2600
14. The installation of Las Vegas Valley Water District (LVVWD) municipal water facilities within all streets is assumed to be in compliance with the uniform standards, including the placement of asphalt paving street surfaces. Any repair work done by the LVVWD to the municipal water facilities will include the placement of an appropriately sized asphalt repair patch on the street surface.

Revised 04/19/12

LAS VEGAS FIRE & RESCUE FIRE PREVENTION DIVISION GENERAL NOTES FOR HYDRANTS & ACCESS

1. All work shall be done in strict accordance with the Las Vegas Fire and Rescue adopted Fire Code Ordinance# 6325 for Hydrant Specifications and Hydrant Installation Specifications.
2. Only fire hydrants that are on the Las Vegas Valley Water District's- Approved Products List are allowed to be installed.
3. A permit is required from Las Vegas Fire and Rescue for the installation of on-site water lines and fire hydrants. The permit and contractors material test certificate for underground piping form shall be obtained from the Fire Protection Engineer before commencement of work. [IFC § 105.7.12]
4. On any residential or commercial installations, fire hydrants shall be installed and fire apparatus access roads shall be maintained before commencement of any combustible construction. All fire hydrants shall be in good working order and shall be capable of delivering the required fire flow. [IFC § 3310, § 3312]
5. To identify the fire hydrant locations, the contractor shall place a blue reflective marker at the center line of the street adjacent to the fire hydrants. [IFC § 507.5.7.3]
6. All underground inspections, pressure and flush verifications of all fire hydrants and fire lines, shall be conducted before covering the lines. Center loading is acceptable for the hydro tests with prior Fire Prevention approval. [IFC § 106.3]
7. All on-site underground water mains and materials shall be U.L. listed, A.W.W.A approved and shall be rated for the appropriate working pressure. [IFC § 507.2.1, NFPA 24]
8. Painting of curbs, fire hydrants, pads, protection of fire hydrants from physical damage, and all other work necessary per plans shall be completed before approval by Las Vegas Fire and Rescue, Fire Prevention division. [IFC § 507]
9. Private hydrants shall be painted RED. [IFC § 507.5.7.1]
10. Prior to the final occupancy, a fire flow test shall be witnessed by Las Vegas Fire and Rescue, Fire Prevention Division to verify availability of the required fire flow. [IFC §507]
11. Fire hydrant spacing shall be as follows: [IFC § C102]
 - Residential-500 ft unsprinklered; 600 ft sprinklered.
 - Commercial-300 ft unsprinklered; 400 ft sprinklered.
12. Where the water mains are extended along streets or new streets are installed where fire hydrants are not needed for protection of the structures, fire hydrants shall be installed at a maximum of 1000 ft spacing, to provide for transportation hazards. Where streets are provided with median dividers or have four (4) or more traffic lanes and have a traffic count of more than 30,000 per day, hydrants are required on each side of the street spaced at 500 ft on an alternating basis. [IFC § C102.8]
13. No fire hydrants shall be located within the radius of a cul-de-sac or within 20 ft of the perimeter of the radius of the cul-de-sac.
14. No fire hydrants shall be located within 6 ft of any curb return, driveway, power pole, streetlight or any other obstruction. [IFC § C102.12]
15. A maximum distance from a fire hydrant to a one-two family dwelling shall not exceed 300 ft, as measured by an approved route. [IFC § C102.4]
16. The maximum distance from a fire hydrant to a Fire Department Connection (FDC) shall not exceed 100 ft, as measured by an approved route. [IFC § C 102.7]
17. The maximum distance from a hydrant to the end of a dead-end street shall not exceed 200 ft. [IFC § C102.6]
18. Two (2) sources of supply are required whenever there is 4 or more fire hydrants/sprinkler lead-ins are installed on a single system. Sectional control valves shall be installed so that no more than 2 fire hydrants can be out of service due to a break in a water main. [IFC § C104]
19. All fire apparatus access roads shall be paved to provide all-weather driving capabilities, and shall be designed and maintained to support the imposed loads of the fire apparatus. [IFC § 503.2.3]
20. The gradient for the fire apparatus access roads shall not exceed 12%. Angles of approach and angles of departure shall not exceed 6% for 25 ft prior to or after the grade change. Adjacent to the structures gradient shall not exceed 6%. [IFC § 503.2.7, § 503.2.8]
21. The turning radius of the fire apparatus access roads shall be no less than 52 ft outside and 28 ft inside turning radius. [IFC § 503.2.4]
22. Vertical clearance of all fire apparatus access roads shall not be less than 13 ft 6 ins. [IFC § 503.2.1]
23. Fire department access roads shall have a minimum unobstructed width of not less than 40 ft flow line to flow line with parallel parking permitted on both sides; Not less than 32 ft wide, flow-line to flow-line, where parking is permitted only on one side of the fire apparatus access road. Not less than 24 ft wide, flow-line to flow-line, where no parking is permitted on either side. Fire lanes through parking lots shall be not less than 24 ft. [IFC § 503.2.1.1]
24. A fire apparatus access road shall be required when any portion of an exterior wall of the first story is located more than 150 ft from a fire department vehicle access. This distance could be increased to 250 ft if the building is sprinklered. [IFC § 503.1.1]
25. Approved secondary fire apparatus access shall be provided for 100 or more dwelling units, road(s) with dead-ends or with a single point of access in excess of 600 ft. Commercial and industrial developments where buildings exceed 2 stories or 30 feet in height, or exceeding 62,000 square feet in area. [IFC § 503.1.2]
26. All dead-end fire apparatus roads and/or fire lanes, public or private, in excess of 150 ft in length shall be provided with an approved turn around having a minimum diameter of 81 ft. [IFC § 503.2.5]
27. All fire apparatus access roads shall be marked by placing approved signs at the start of the designated fire lane, one sign at the end of the fire lane and with signs at intervals of 100 ft along the designated fire lanes. Signs to be placed on both sides of an access roadway if needed to prevent parking on either side. Signs to be installed no higher than 10 ft or less than 6 ft from the roadway level. The curb along or on the pavement or cement (if no curb is provided) shall be painted with a red weather resistant paint in addition to the signs. [IFC § 503.3]
28. Electrically controlled access gates shall be provided with an approved emergency vehicle detector/receiver system. Said system shall be installed in accordance with the IFC § 503.6 and IFC Appendix M.



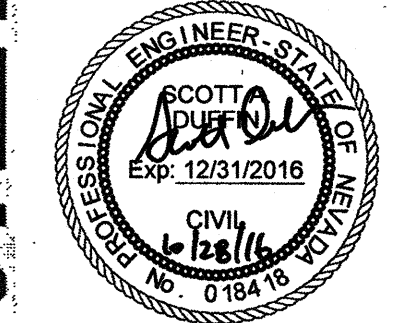
REVISIONS

CONSULTANT

HORROCKS ENGINEERS
1349 Galleria Drive, Suite 110
Las Vegas, NV 89014
(702) 966-4063

CITY OF LAS VEGAS	BILL BRIARE FAMILY PARK IMPROVEMENTS
650 N. TENAYA WAY	APN: 138-27-301-019
GENERAL NOTES	

STAMP

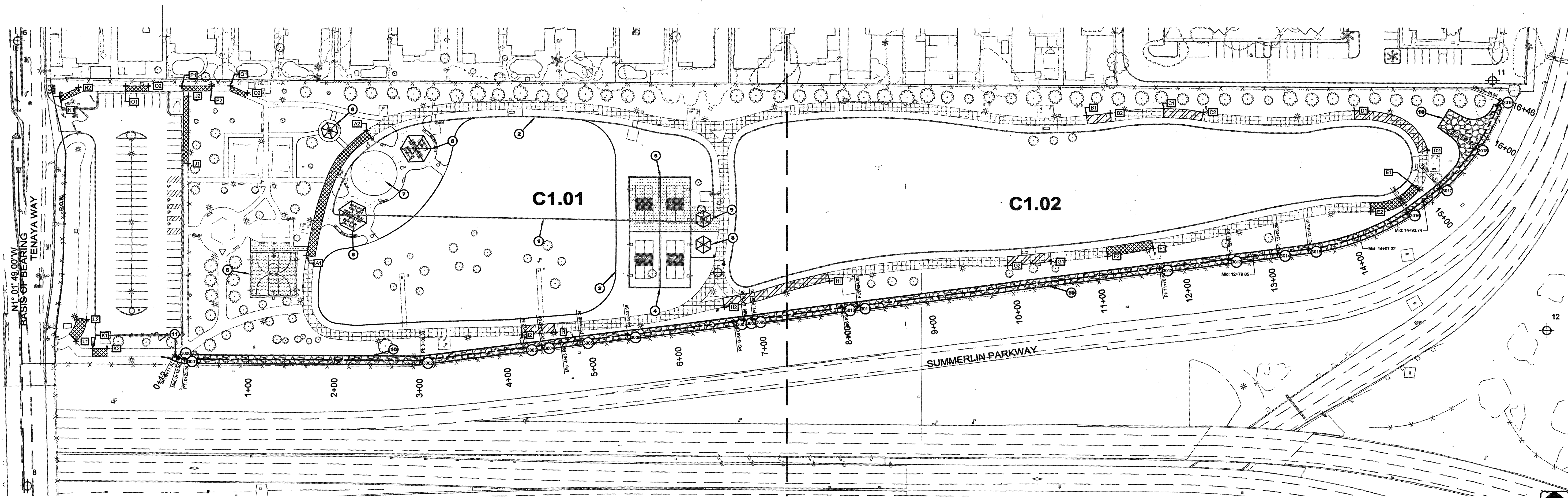


OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6335
FAX: (702) 384-4846
DD: (702) 386-9105

DRAWN	SAD
FILE	16-001
DATE	October 31, 2016
SCALE	N.T.S.
BID NO	15.59815DC
CLV DWG NO	650.90-2
HANSEN #	59815
SHT NO	

C0.00



SITE PLAN

BASE BID

WATER PLAY AREA

- TWO (2) GROUP PICNIC SHELTERS
- FOUR (4) GROUP GRILLS
- FOUR (4) SET UP TABLES
- SIX (6) TRASH RECEPTACLES
- FOURTEEN (14) PICNIC TABLES
- FOUR (4) BENCHES
- ALL WATER PLAY APPURTENANCES, CONTROLLERS, PUMP, VALVES, METER AND PIPING
- SURFACING
- LIGHTING
- CONCRETE WALKS AND PLAZAS

PICKLE BALL AREA

- TWO (2) PICKLE BALL COURTS WITH FENCING, NETS, AND LIGHTING
- TWO (2) TRASH RECEPTACLES
- ONE (1) PICNIC TABLE
- ONE (1) SMALL PICNIC SHELTER
- CONCRETE WALK / PLAZA
- LIGHTING

PLAYGROUND AREA UPGRADES

- ONE (1) SMALL PICNIC SHELTER
- ONE (1) PICNIC TABLE
- ONE (1) GRILL
- TWO (2) TRASH RECEPTACLES
- CONCRETE WALKS / PLAZA
- ONE (1) HYDRATION STATION
- LIGHTING

PARK UPGRADES

- TRACK ADA COMPLIANCE AND SURFACING
- MAINTENANCE PATH
- CONCRETE MOW CURB
- SODDED LAWN
- OVERSEED EXISTING TURF
- MOUNDING / EARTHWORK
- LED LIGHTING
- TREES AND SHRUBS
- IRRIGATION

BID OPTIONS

ADDITIVE ALTERNATIVE 1 - PICKLE BALL

- TWO (2) PICKLE BALL COURTS WITH FENCING, NETS, AND LIGHTING
- ONE (1) SMALL PICNIC SHELTER
- TWO (2) TRASH RECEPTACLES
- ONE (1) PICNIC TABLE
- CONCRETE PLAZA

ADDITIVE ALTERNATIVE 2 - HALF BASKETBALL COURT

- ONE (1) HALF BASKETBALL COURT WITH GOALS, NETS AND LIGHTING
- CONCRETE PLAZA / WALK
- FOUR (4) BENCHES
- TWO (2) TRASH RECEPTACLES

SURVEY CONTROL

BASIS OF BEARING

NORTH 01°01'49" WEST

BEING THE WEST LINE OF THE SOUTHEAST QUARTER (SE1/4) OF SECTION 27, TOWNSHIP 20 SOUTH, RANGE 40 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN ON THAT CERTAIN PLAT OF TENAYA 2 UNIT 3, RECORDED IN PLAT BOOK 34, PAGE 59 OFFICIAL RECORDS OF CLARK COUNTY NEVADA.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK

MONUMENT ID NUMBER 14LV0027C4

RIVET AND PLATE IN TOP OF CURB AT THE SOUTHEAST CORNER OF TENAYA WAY AND WASHINGTON AVE

ELEVATION 2425.14 (NAVD 88)

Point	North	East	Elevation	Description
4	2676987.557	755071.595	2414.23	AT MAG
6	26767180.790	754255.127	2428.83	AT MAG
8	2676987.083	754266.223	2422.20	AT
11	26767113.816	755977.793	2385.60	AT
12	26766819.807	756040.938	2404.31	AT

SIDEWALK REPAIR POINTS

Point #	Label	North	East
1000	A1	26769896.4845	754991.3659
1001	A2	26767055.6532	754991.8369
1002	B1	26767073.2128	755022.5867
1003	B2	26767076.2236	755030.2876
1004	C1	26767081.4208	755062.8172
1005	C2	26767077.2460	755038.7906
1006	D1	26767078.8078	755015.6960
1007	D2	26767031.8652	755091.4364
1008	E1	26769894.0603	755092.0352
1009	E2	26769897.8809	755034.6635
1010	F1	26769814.6312	755060.2702
1011	F2	26769805.5992	755026.8291
1012	G1	26769899.6228	755461.2904
1013	G2	26769896.1662	755410.3251
1014	H1	26769877.3063	755002.3249
1015	H2	26769847.0179	755079.2048

Point #	Label	North	East
1016	I1	26769817.7561	754882.3421
1017	I2	26769814.4427	754843.1762
1018	J1	26767016.9563	754544.0205
1019	J2	26767086.5567	754544.3303
1020	K1	26767088.5899	754342.3333
1021	K2	26767088.5535	754358.1223
1022	L1	26768806.6151	754322.5989
1023	L2	26768832.7405	754338.4383
1024	M1	26767086.4891	754303.3871
1025	N2	26767036.6333	754325.9233
1026	O1	26767107.5110	754381.1438
1027	O2	26767107.5602	754407.4880
1028	P1	26767107.5427	754446.7957
1029	P2	26767107.4817	754461.8618
1030	Q1	26767107.7325	754503.4826
1031	Q2	26767099.4766	754522.9111

KEY NOTES

- REMOVE EXISTING MOW CURB (SEE SHEET L1.01)
- NEW MOW CURB AT GRADE (SEE SHEET L2.01)
- NEW CONCRETE (SEE SHEETS L2.01 & L2.02)
- NEW PICKLE BALL COURTS (SEE SHEET L2.01)
- ALTERNATIVE PICKLEBALL COURTS (SEE SHEET L2.01)
- ALTERNATIVE BASKETBALL COURT (SEE SHEET L2.01)
- NEW WATER PLAY (SEE SHEETS W1.00 - W1.03)
- NEW PAVILION (SEE SHEET L2.01)
- ALTERNATIVE PAVILION (SEE SHEET L2.01)
- NEW MAINTENANCE PATH (SEE SHEETS C2.01 & C2.02)
- TIE NEW MAINTENANCE PATH INTO EXISTING CONCRETE (SEE USDCCA DWG. NO. 209.1)
- ALTERNATIVE NEW CONCRETE (SEE SHEETS L2.01 & L2.02)

MAINTENANCE PATH ALIGNMENT POINTS

Point #	Description	North	East
3000	EC POC	26769788.2889	754440.2777
3001	PT	26769788.1895	754440.5271
3002	PI	26769784.6382	754724.6107
3003	PI	26769795.7127	754845.5817
3004	PC	26769691.9257	754886.0794
3005	PT	26769697.8635	754911.0787
3006	PI	26769614.6283	754986.2885
3007	PC	26769693.1655	755006.2362
3008	MID POC	26769693.9111	755011.3703
3009	PT	26769692.7602	755112.4045
3010	PI	26769646.2801	755217.2881
3011	PI	26769646.1205	755235.1925
3012	PI	26769692.3881	755386.0811
3013	PC	26769692.3901	755698.3556
3014	PT	26769690.3458	755724.8156
3015	PC	26769694.0475	755761.3192
3016	PCC	26769695.5875	755877.2145
3017	PCC	26769695.1354	755915.5037
3018	MID POC	26767034.5059	755957.1139
3019	EC PT	26767094.5492	755983.8038

CONSTRUCTION NOTES

- CONTRACTOR SHALL OBTAIN AND COORDINATE ALL NECESSARY PERMITS, INSPECTIONS AND APPROVALS REQUIRED FOR THIS WORK. ALL CONSTRUCTION SHALL BE PERFORMED ACCORDING TO LOCAL CODES AND ORDINANCES.
- INSTALL ALL PARK EQUIPMENT AND COMPONENTS IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS. INSTALL ALL PARK EQUIPMENT AND COMPONENTS AT LOCATIONS SHOWN ON DRAWINGS; PROPERLY ALIGNED AND SPACED; PLUMBED VERTICALLY, COMPLETE AND READY FOR USE. SEE PLAN ENLARGEMENT SHEETS FOR ADDITIONAL SITE FURNITURE LOCATIONS. SECURE OWNERS APPROVAL OF LOCATIONS PRIOR TO MOUNTING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE LAYOUT OF THE PROJECT; FOR ESTABLISHING ALL REFERENCE POINTS AND LINES SET FOR CONSTRUCTION. SEE CIVIL DRAWINGS FOR HORIZONTAL CONTROL, GRADING AND UTILITY DRAWINGS. VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. BRING ALL DISCREPANCIES TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
- VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES AND SERVICES PRIOR TO ANY EXCAVATION OR CONSTRUCTION. CONTRACTOR TO COORDINATE WITH OFF-SITE IMPROVEMENTS AND UTILITIES, INCLUDING STREET LIGHTING. CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR ALL DAMAGE CAUSED BY THE FAILURE TO DO SO.
- SEE ELECTRICAL SHEETS FOR LIGHT AND ELECTRICAL INFORMATION.
- SEE SHEETS L1.00, L1.01 & L1.02 FOR ADDITIONAL DEMOLITION AND EXISTING FEATURES PROTECTION INFORMATION.

CONSTRUCTION LEGEND

- USE TRACK SURFACING TO REPAIR CROSS SLOPE TO MEET ADA STANDARDS (SEE ALSO SHEETS L1.01 & L1.02)
- REPLACE CONCRETE TO MEET ADA STANDARDS
- NEW CONCRETE
- ADDITIVE ALTERNATIVE
- SURVEY CONTROL POINT
- CONSTRUCTION KEYNOTE
- SIDEWALK REPAIR CONTROL POINT
- SITE FEATURE CONTROL POINT
- MAINTENANCE PATH ALIGNMENT CONTROL POINT
- EXISTING FENCE
- MAINTENANCE PATH ALIGNMENT

APPROVED FOR CONSTRUCTION

Project No. 124931 Date: 12/01/16

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

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

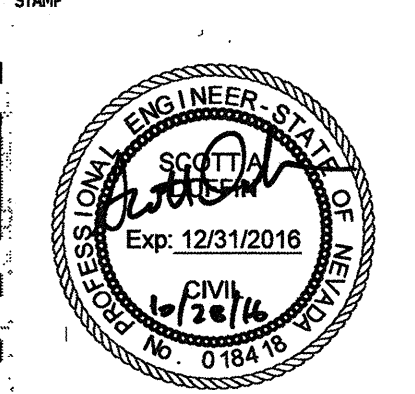
CALL BEFORE YOU DIG
1-702-227-2929



REVISIONS
CONSULTANT

HORROCKS
ENGINEERS
1349 Galleria Drive, Suite 110
Las Vegas, NV 89014
(702) 968-4063

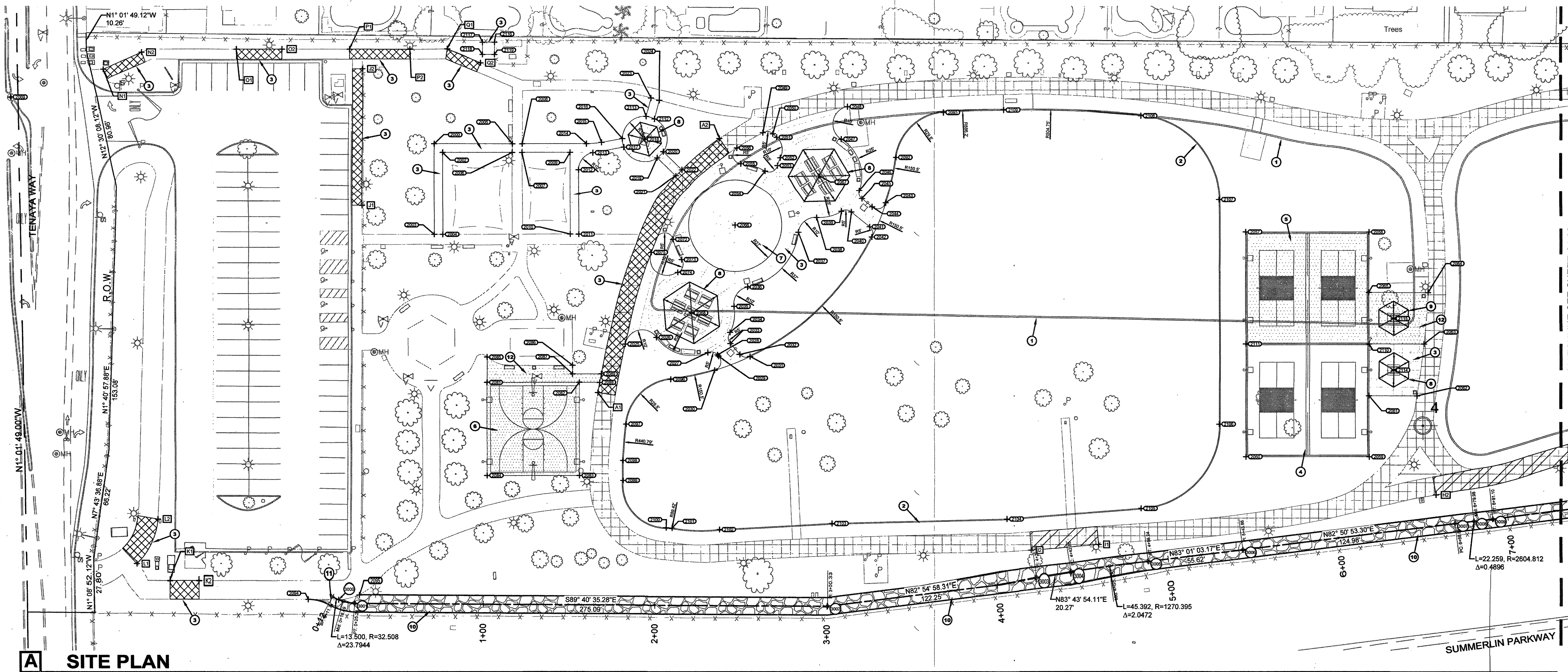
CITY OF LAS VEGAS
BILL BRIARE FAMILY PARK IMPROVEMENTS
650 N. TENAYA WAY
APN: 138-27-301-019
OVERALL SITE PLAN & SURVEY CONTROL



OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89105
PHONE: (702) 229-6535
FAX: (702) 384-4846
TDD: (702) 386-9108

DRAWN: SAD
FILE: 16-001
DATE: October 31, 2016
SCALE: 1"=60'-0"
BID NO: 15.59815DC
CLV DWG NO: 650.90-2
SHEET NO: 59815

C1.00



A SITE PLAN

KEY NOTES

- ① REMOVE EXISTING MOW CURB (SEE SHEET L1.01)
- ② NEW MOW CURB AT GRADE (SEE SHEET L2.01)
- ③ NEW CONCRETE (SEE SHEETS L2.01 & L2.02)
- ④ NEW PICKLE BALL COURTS (SEE SHEET L2.01)
- ⑤ ALTERNATIVE PICKLEBALL COURTS (SEE SHEET L2.01)
- ⑥ ALTERNATIVE BASKETBALL COURT (SEE SHEET L2.01)
- ⑦ NEW WATER PLAY (SEE SHEETS W1.00 - W1.03)
- ⑧ NEW PAVILION (SEE SHEET L2.01)
- ⑨ ALTERNATIVE PAVILION (SEE SHEET L2.01)
- ⑩ NEW MAINTENANCE PATH (SEE SHEETS C2.01 & C2.02)
- ⑪ TIE NEW MAINTENANCE PATH INTO EXISTING CONCRETE (SEE USDOCA DWG. NO. 209.1)
- ⑫ ALTERNATIVE NEW CONCRETE (SEE SHEETS L2.01 & L2.02)

SITE FEATURE POINTS

Point #	Description	Northing	Easting
2000	TOC	26767052.4987	754495.8490
2001	TOC	26767059.3493	755913.5201
2002	TOC	26767047.4987	754500.8490
2003	TOC	26766998.7737	754495.8490
2004	TOC	26766998.7670	754500.8490
2005	TOC	26767052.4987	754541.3891
2006	TOC	26767047.4987	754541.3891
2007	TOC	26767047.4987	754547.1490
2008	TOC	26767052.4987	754547.1672
2009	TOC	26767047.4987	754575.2399
2010	TOC	26766998.8028	754575.2399
2011	TOC	26766998.8062	754580.2399
2012	TOC	26767037.4548	754580.2399
2013	TOC	26767047.3010	754580.4680
2014	TOC	26767052.4987	754584.7061
2015	TOC	26767053.2516	754593.4404
2016	TOC	26767055.4099	754605.5552
2017	TOC	26767050.4879	754606.4514
2018	TOC	26767055.1739	754618.5531
2019	TOC	26767044.4987	754625.9578
2020	TOC	26767048.0738	754629.4429
2021	TOC	26767033.9326	754636.8159
2022	TOC	26767037.5365	754640.2818
2023	TOC	26767078.6941	754622.1651
2024	TOC	26767077.3811	754628.9938
2025	TOC	26766934.8020	754607.1699
2026	TOC	26766938.5914	754625.2739
2027	TOC	26766929.6902	754655.0961
2028	TOC	26766928.3477	754660.8914
2029	TOC	26766927.6020	754661.3362
2030	TOC	26766919.5153	754659.0221
2031	TOC	26766927.4113	754670.8200
2032	TOC	26766928.6228	754673.7489
2033	TOC	26766934.9403	754668.1953
2034	TOC	26766941.4332	754668.0004
2035	TOC	26766956.6578	754670.4906
2036	TOC	26766967.9690	754678.3795
2037	TOC	26766969.9822	754677.7285
2038	TOC	26767006.7901	754718.3193
2039	TOC	26767012.3570	754722.9038
2040	TOC	26767011.9538	754738.6630
2041	TOC	26767033.2414	754749.3121

Point #	Description	Northing	Easting
2042	TOC	26766987.1999	754750.6474
2043	TOC	26767017.2398	754758.7176
2044	TOC	26767014.9099	754750.8490
2045	TOC	26767019.6957	754744.9026
2046	TOC	26767023.2601	754743.4520
2047	TOC	26767036.2021	754732.7291
2048	TOC	26767073.7135	754736.3918
2049	TOC	26767058.9832	754687.2662
2050	TOC	26767058.3311	754692.8970
2051	TOC	26767056.3039	754695.1246
2052	TOC	26767044.5707	754697.4044
2053	TOC	26767039.9521	754696.7179
2054	TOC	26767036.7939	754688.5062
2055	TOC	26767041.0508	754674.4143
2056	TOC	26767050.1551	754672.0549
2057	TOC	26767000.2264	755039.9642
2058	TOC	26766989.2891	755040.0195
2059	TOC	26766989.2891	754968.0208
2060	TOC	26766984.7340	755040.0048
2061	TOC	26766994.7340	755068.2193
2062	TOC	26766934.7599	755072.1968
2063	TOC	26766964.7599	755074.7915
2064	TOC	26766964.7599	755039.9818
2065	TOC	26767004.2111	754870.9746
2066	TOC	26767033.7276	754719.9308
2067	TOC	26766952.8996	754645.7747
2068	TOC	26767079.0795	754250.2010
2069	TOC	26767086.4323	755979.1719
2070	TOC	26767084.1429	755978.2286
2071	TOC	26766995.7604	754634.9525
2072	TOC	26766983.9440	754640.0190
2073	TOC	26766970.6511	754637.8990
2074	TOC	26766968.1651	754622.3833
2075	TOC	26767080.7536	755928.7724
2076	TOC	26767082.6560	755968.4359
2077	TOC	26767011.6059	755933.2790
2078	TOC	26766997.4842	755920.0088
2079	TOC	26766999.3886	755927.1654
2080	TOC	26766991.4036	754526.5708
2081	TOC	26766912.3590	754593.5796
2082	TOC	26766959.3892	754593.5796

Point #	Description	Northing	Easting
2084	TOC	26766958.3892	754591.3658
2085	TOC	26767055.6532	754601.8309
2086	TOC	26767073.2128	755052.2876
2087	TOC	26767076.2239	755052.2876
2088	TOC	26767081.4008	755052.2876
2089	TOC	26767081.4008	755052.2876
2090	TOC	26767077.2400	755052.2876
2091	TOC	26767077.2400	755052.2876
2092	TOC	26767077.2400	755052.2876
2093	TOC	26767077.2400	755052.2876
2094	TOC	26767077.2400	755052.2876
2095	TOC	26767077.2400	755052.2876
2096	TOC	26767077.2400	755052.2876
2097	TOC	26767077.2400	755052.2876
2098	TOC	26767077.2400	755052.2876
2099	TOC	26767077.2400	755052.2876
2100	TOC	26767077.2400	755052.2876
2101	TOC	26767077.2400	755052.2876
2102	TOC	26767077.2400	755052.2876
2103	TOC	26767077.2400	755052.2876
2104	TOC	26767077.2400	755052.2876
2105	TOC	26767077.2400	755052.2876
2106	TOC	26767077.2400	755052.2876
2107	TOC	26767077.2400	755052.2876
2108	TOC	26767077.2400	755052.2876
2109	TOC	26767077.2400	755052.2876
2110	TOC	26767077.2400	755052.2876
2111	TOC	26767077.2400	755052.2876
2112	TOC	26767077.2400	755052.2876
2113	TOC	26767077.2400	755052.2876
2114	TOC	26767077.2400	755052.2876
2115	TOC	26767077.2400	755052.2876
2116	TOC	26767077.2400	755052.2876
2117	TOC	26767077.2400	755052.2876
2118	TOC	26767077.2400	755052.2876
2119	TOC	26767077.2400	755052.2876

SIDEWALK REPAIR POINTS

Point #	Label	Northing	Easting
1000	A1	26766906.4845	754591.3658
1001	A2	26767055.6532	754601.8309
1002	B1	26767073.2128	755052.2876
1003	B2	26767076.2239	755052.2876
1004	C1	26767081.4008	755052.2876
1005	C2	26767077.2400	755052.2876
1006	D1	26767077.2400	755052.2876
1007	D2	26767077.2400	755052.2876
1008	E1	26766958.3892	754591.3658
1009	E2	26767055.6532	754601.8309
1010	F1	26767073.2128	755052.2876
1011	F2	26767076.2239	755052.2876
1012	G1	26767081.4008	755052.2876
1013	G2	26767077.2400	755052.2876
1014	H1	26767077.2400	755052.2876
1015	H2	26767077.2400	755052.2876

Point #	Label	Northing	Easting
1016	I1	26766917.7901	754882.2421
1017	I2	26766914.4427	754843.1752
1018	J1	26767015.8563	754464.0205
1019	J2	26767065.8567	754464.0205
1020	K1	26767081.4008	754342.3333
1021	K2	26767081.4008	754342.3333
1022	L1	26766906.4845	754335.4363
1023	L2	26766906.4845	754335.4363
1024	M1	26767055.6532	754335.4363
1025	M2	26767055.6532	754335.4363
1026	N1	26767073.2128	754335.4363
1027	N2	26767076.2239	754335.4363
1028	O1	26767081.4008	754335.4363
1029	O2	26767077.2400	754335.4363
1030	P1	26767077.2400	754335.4363
1031	P2	26767077.2400	754335.4363
1032	Q1	26767077.2400	754335.4363
1033	Q2	26767077.2400	754335.4363
1034	Q3	26767077.2400	754335.4363

CONSTRUCTION LEGEND

USE TRACK SURFACING TO REPAIR CROSS SLOPE TO MEET ADA STANDARDS (SEE ALSO SHEETS L1.01 & L1.02)

REPLACE CONCRETE TO MEET ADA STANDARDS

NEW CONCRETE

ADDITIVE ALTERNATIVE

SURVEY CONTROL POINT

CONSTRUCTION KEYNOTE

SIDEWALK REPAIR CONTROL POINT

SITE FEATURE CONTROL POINT

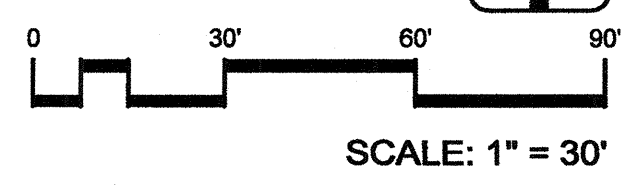
MAINTENANCE PATH ALIGNMENT CONTROL POINT

EXISTING FENCE

MAINTENANCE PATH ALIGNMENT

MAINTENANCE PATH ALIGNMENT POINTS

Point #	Description	Northing	Easting
3000	EC POC	26766788.2889	754440.2777
3001	PT	26766788.1895	754449.5221
3002	PI	26766784.6362	754724.6107
3003	PI	26766789.7127	754845.9317
3004	PC	26766801.8257	754806.0794
3005	PT	26766807.8639	754911.0787
3006	PI	26766814.8254	754908.2886
3007	PC	26766830.1855	755000.2952
3008	MID POC	26766831.5111	755101.3703
3009	PT	26766832.7602	755112.4045
3010	PI	26766848.2851	755217.2861
3011	PI	26766848.1205	755235.1925
3012	PI	26766892.3811	755598.0911
3013	PC	26766902.3801	755998.3594
3014	PT	26766908.3455	756274.8151
3015	PC	26766914.0475	756781.3182
3016	PCC	26766956.5875	756977.2145
3017	PCC	26766988.1354	756915.5037
3018	MID POC	26767034.5039	756957.1129
3019	EC PT	26767084.5432	756983.8039

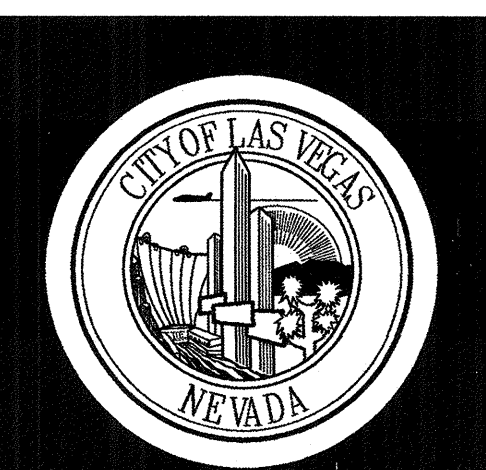


Call before you Dig
811
1-800-227-2600

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

ADJUSTING OVERHEAD POWERLINES FOR CLOSING
CALL BEFORE YOU DO OVERHEAD
1-702-227-2929

4# 65970
650.90-2



HORROCKS ENGINEERS
1349 Galleria Drive, Suite 110
Las Vegas, NV 89014
(702) 966-4063

CITY OF LAS VEGAS
BILL BRIARE FAMILY PARK IMPROVEMENTS
650 N. TENAYA WAY
APN: 138-27-301-019
SITE PLAN - WEST

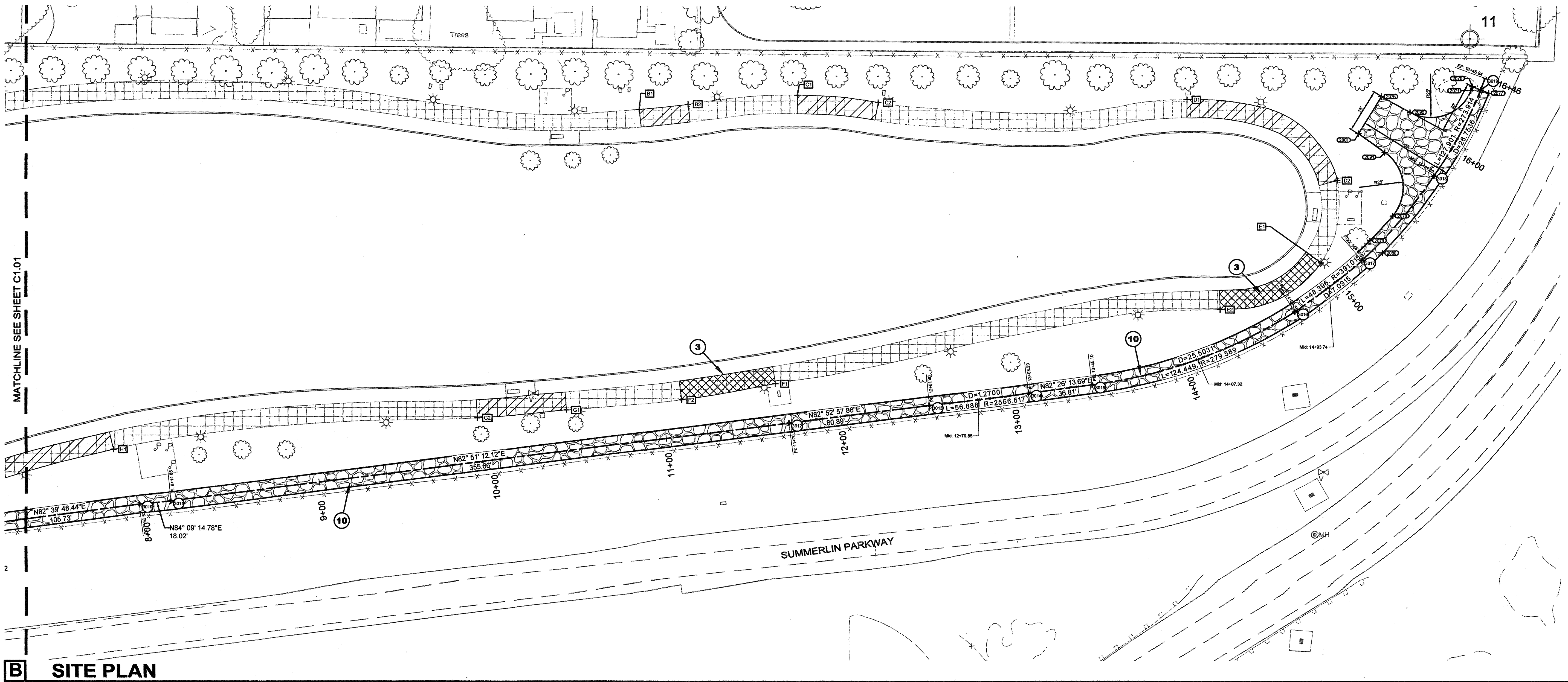


OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 384-4946
TDD: (702) 386-9108

DRAWN: SAD
FILE: 16-001
DATE: October 31, 2016
SCALE: 1"=30'-0"
BID NO: 15.59815DC
CLV DWG NO: 650.90-2
HATCHER # 59815
SHEET NO: C1.01

DESIGNER: HORROCKS ENGINEERS, INC. 1349 GALLERIA DRIVE, SUITE 110, LAS VEGAS, NV 89014. (702) 966-4063. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM HORROCKS ENGINEERS, INC.



B SITE PLAN

KEY NOTES

- 1 REMOVE EXISTING MOW CURB (SEE SHEET L1.01)
- 2 NEW MOW CURB AT GRADE (SEE SHEET L2.01)
- 3 NEW CONCRETE (SEE SHEETS L2.01 & L2.02)
- 4 NEW PICKLE BALL COURTS (SEE SHEET L2.01)
- 5 ALTERNATIVE PICKLEBALL COURTS (SEE SHEET L2.01)
- 6 ALTERNATIVE BASKETBALL COURT (SEE SHEET L2.01)
- 7 NEW WATER PLAY (SEE SHEETS W1.00 - W1.03)
- 8 NEW PAVILION (SEE SHEET L2.01)
- 9 ALTERNATIVE PAVILION (SEE SHEET L2.01)
- 10 NEW MAINTENANCE PATH (SEE SHEETS C2.01 & C2.02)
- 11 TIE NEW MAINTENANCE PATH INTO EXISTING CONCRETE (SEE USDOCA DWG. NO. 209.1)
- 12 ALTERNATIVE NEW CONCRETE (SEE SHEETS L2.01 & L2.02)

SITE FEATURE POINTS

Point #	Description	North	East
2000	TCC	26767052.4887	754495.8480
2001	TCC	26767059.3453	754495.8201
2002	TCC	26767047.4887	754500.8480
2003	TCC	26766996.7737	754495.8480
2004	TCC	26767052.4887	754541.3891
2005	TCC	26767047.4887	754541.3891
2006	TCC	26767047.4887	754541.3891
2007	TCC	26767047.4887	754541.3891
2008	TCC	26767047.4887	754541.3891
2009	TCC	26767047.4887	754541.3891
2010	TCC	26766996.9028	754575.2359
2011	TCC	26766996.9028	754580.2359
2012	TCC	26767037.4548	754580.2359
2013	TCC	26767047.3010	754588.4880
2014	TCC	26767052.4887	754584.7061
2015	TCC	26767053.2576	754593.4404
2016	TCC	26767055.4069	754605.6552
2017	TCC	26767055.4069	754605.6552
2018	TCC	26767055.4069	754605.6552
2019	TCC	26767044.4887	754625.0578
2020	TCC	26767044.4887	754625.0578
2021	TCC	26767033.9308	754638.8159
2022	TCC	26767037.5365	754640.2818
2023	TCC	26767076.6941	754622.1651
2024	TCC	26767077.3611	754626.9938
2025	TCC	26766994.6020	754607.1669
2026	TCC	26766938.5914	754625.2739
2027	TCC	26766925.6902	754655.0961
2028	TCC	26766928.3477	754660.6914
2029	TCC	26766927.6020	754661.3362
2030	TCC	26766919.5103	754669.0221
2031	TCC	26766927.4113	754679.6200
2032	TCC	26766928.6228	754673.7486
2033	TCC	26766934.9463	754668.1953
2034	TCC	26766941.4532	754668.0004
2035	TCC	26766956.6578	754670.4906
2036	TCC	26766967.8580	754678.3765
2037	TCC	26766966.9522	754707.7285
2038	TCC	26767028.7801	754718.3103
2039	TCC	26767012.3570	754732.9036
2040	TCC	26767011.9538	754736.8530
2041	TCC	26767003.2474	754749.3121

SIDEWALK REPAIR POINTS

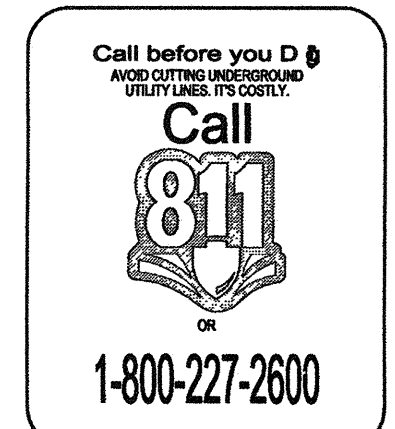
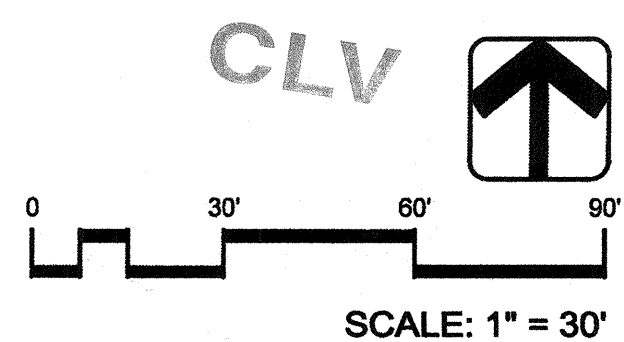
Point #	Label	North	East
1000	A1	26766906.4845	754591.3558
1001	A2	26767055.6532	754601.8369
1002	B1	26767073.2128	755002.5867
1003	B2	26767076.2236	755002.2876
1004	C1	26767081.4208	754992.8172
1005	C2	26767077.2450	754938.7906
1006	D1	26767078.8678	754915.6956
1007	D2	26767031.8652	754901.4364
1008	E1	26766994.9603	754982.0355
1009	E2	26766957.8630	754934.6535
1010	F1	26766914.8312	754980.2702
1011	F2	26766905.5962	754938.8281
1012	G1	26766905.1962	754941.2904
1013	G2	26766905.1962	754941.2904
1014	H1	26766917.3063	755002.3240
1015	H2	26766947.0179	755079.2045

MAINTENANCE PATH ALIGNMENT POINTS

Point #	Description	North	East
3000	EC POC	26766788.2889	754440.2777
3001	PT	26766788.1895	754449.5221
3002	PI	26766784.6362	754724.6107
3003	PI	26766769.7127	754845.9317
3004	PC	26766901.8257	754866.0794
3005	PT	26766907.8639	754911.0787
3006	PI	26766914.6254	754960.2866
3007	PC	26766930.1855	755090.2952
3008	MID POC	26766931.5111	755101.3703
3009	PT	26766932.7603	755112.4044
3010	PI	26766946.2851	755217.2891
3011	PI	26766948.1205	755235.1925
3012	PI	26766962.3681	755588.0911
3013	PC	26766962.3681	755588.0911
3014	PT	26766969.3458	755724.8156
3015	PC	26766914.0475	755781.3192
3016	PCC	26766966.5675	755877.2145
3017	PCC	26766966.1354	755915.5037
3018	MID POC	26767034.5059	755967.1139
3019	EC PT	26767084.5462	755983.8038

CONSTRUCTION LEGEND

- USE TRACK SURFACING TO REPAIR CROSS SLOPE TO MEET ADA STANDARDS (SEE ALSO SHEETS L1.01 & L1.02)
- REPLACE CONCRETE TO MEET ADA STANDARDS
- NEW CONCRETE
- ADDITIVE ALTERNATIVE
- SURVEY CONTROL POINT
- CONSTRUCTION KEYNOTE
- SIDEWALK REPAIR CONTROL POINT
- SITE FEATURE CONTROL POINT
- MAINTENANCE PATH ALIGNMENT CONTROL POINT
- EXISTING FENCE
- MAINTENANCE PATH ALIGNMENT



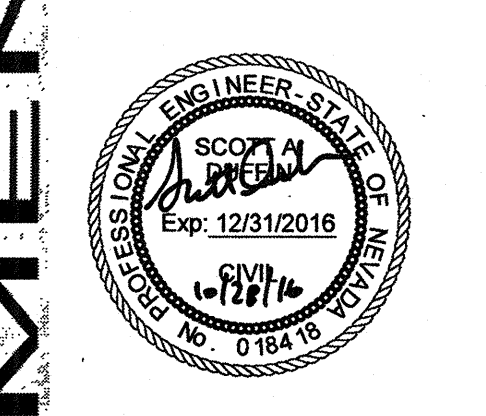
REVISIONS

CONSULTANT

HORROCKS
ENGINEERS

1349 Galleria Drive, Suite 110
Las Vegas, NV 89014
(702) 966-4063

CITY OF LAS VEGAS
BILL BRIARE FAMILY PARK IMPROVEMENTS
650 N. TENAYA WAY
APN: 138-27-301-019
SITE PLAN - EAST



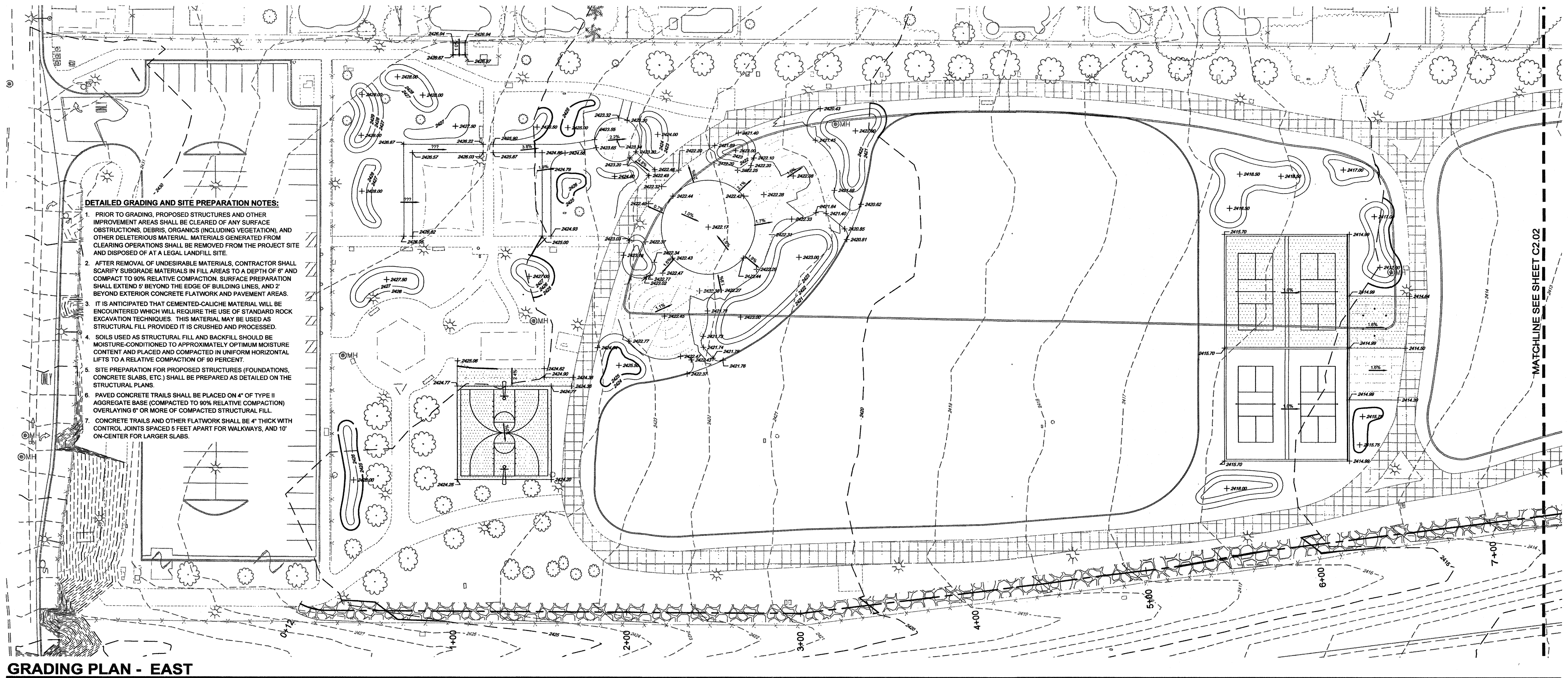
OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

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

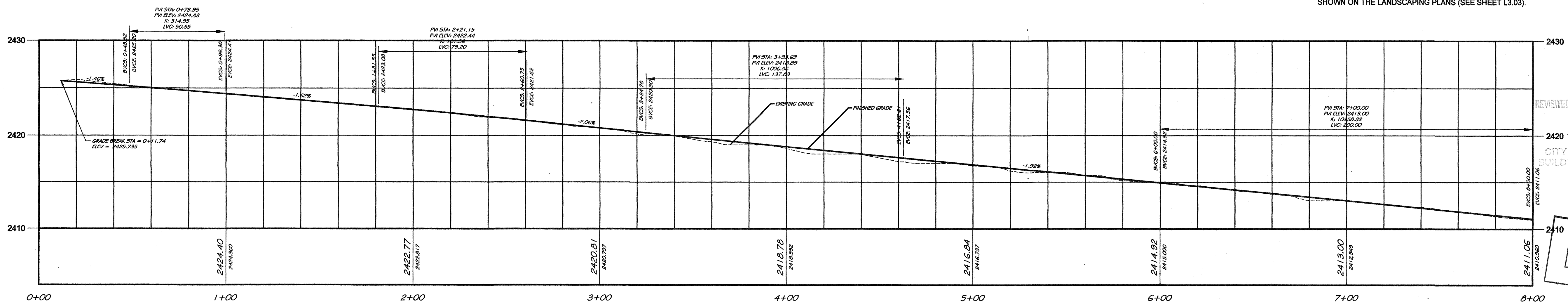
DRAWN: SAD
FILE: 16-001
DATE: October 31, 2016
SCALE: 1"=30'-0"
BID NO: 15.59815DC
CLV DWG NO: 650.90-2
WASHER # 59815
SHEET NO

C1.02

H#65970
650.90-2



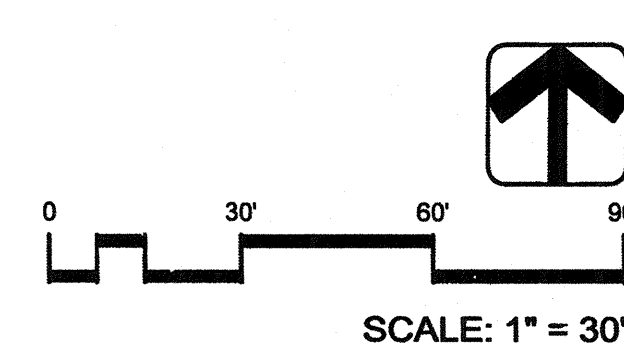
GRADING PLAN - EAST



MAINTENANCE PATH TYPICAL SECTION

GRADING LEGEND

SCALE: 1" = 10'



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

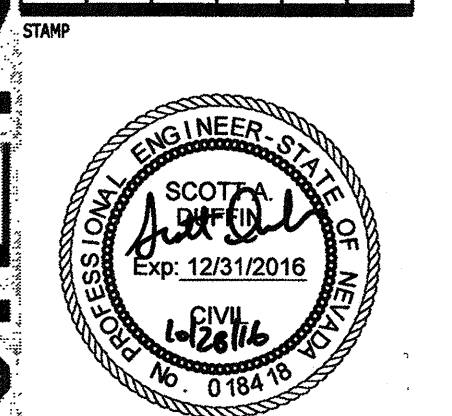
CALL BEFORE YOU DIG
1-702-227-2929

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



HORROCKS ENGINEERS
1349 Galleria Drive, Suite 110
Las Vegas, NV 89014
(702) 966-4063

CITY OF LAS VEGAS
BILL BRIARE FAMILY PARK IMPROVEMENTS
650 N. TENAYA WAY
APN: 138-27-301-019
GRADING PLAN - WEST



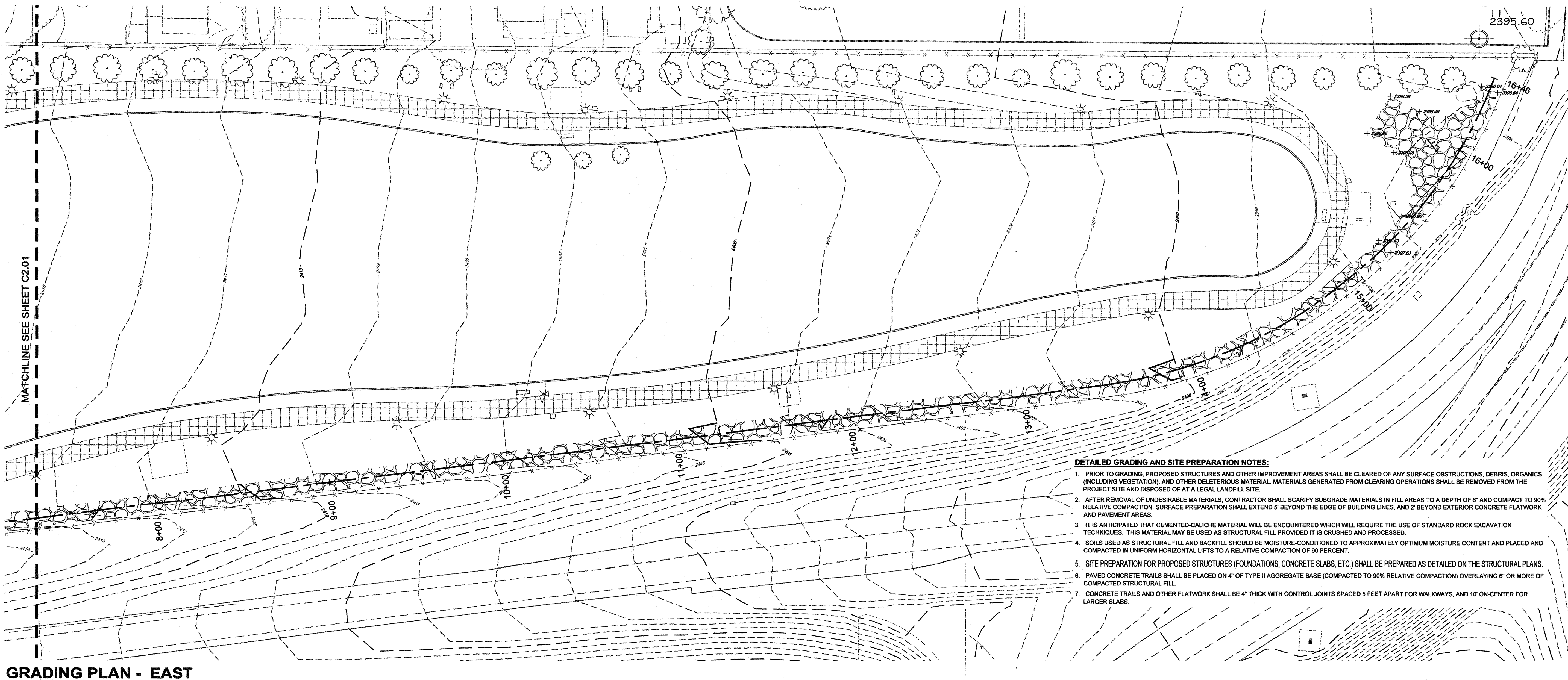
OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

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

DRAWN: SAD
FILE: 18-001
DATE: October 31, 2016
SCALE: 1"=30'-0"
BID NO: 15.59815DC
CLV DWG NO: 650.90-2
HENSEN #: 59815
SIT NO:

C2.01

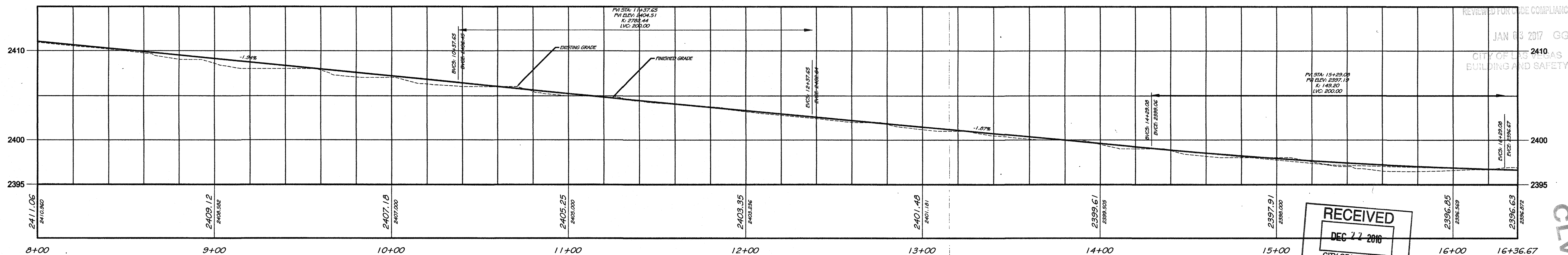
H# 65970
650.90-2



GRADING PLAN - EAST

MAINTENANCE PATH PROFILE

BERM CONSTRUCTION NOTE: THE LOCATION, SIZE AND EXTENTS OF BERMS SHOWN ON THIS PLAN ARE APPROXIMATE AND SHALL BE FIELD LOCATED AS DIRECTED BY THE LANDSCAPE ARCHITECT AND IN ACCORDANCE WITH THE MOUNDING DETAIL SHOWN ON THE LANDSCAPING PLANS (SEE SHEET L3.03).

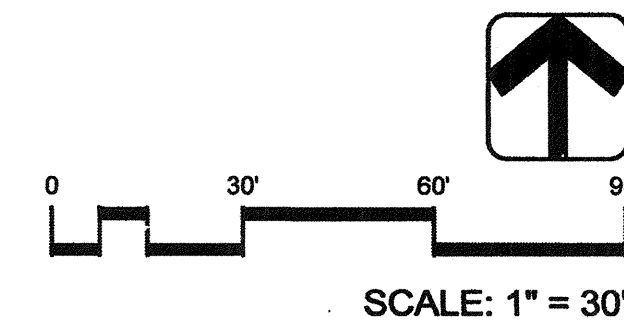


MAINTENANCE PATH TYPICAL SECTION

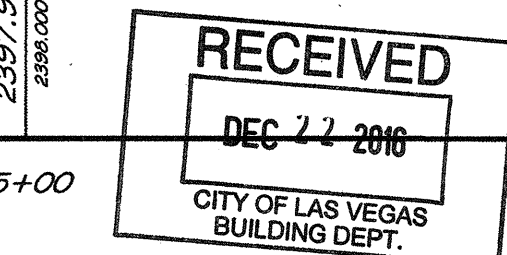
SCALE: 1" = 10'

GRADING LEGEND

- PROPOSED CONTOUR - MAJOR (5')
- PROPOSED CONTOUR - MINOR (1')
- EXISTING CONTOUR - MAJOR (1')
- EXISTING CONTOUR - MINOR (1')
- PROPOSED SLOPE
- PROPOSED SPOT ELEVATION



SCALE: 1" = 30'

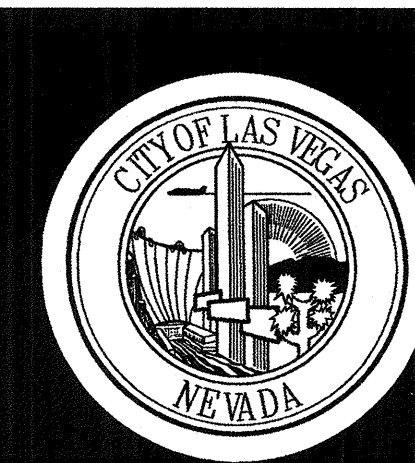


Call before you Dig
Call 811
1-800-227-2600

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

FAST
Call before you
Underground
1-702-432-5300
SYSTEM OF TRANSPORTATION

H#65970
650.90-2



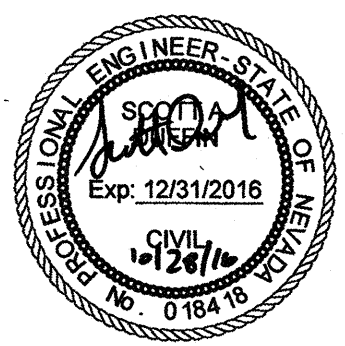
REVISIONS

CONSULTANT

HORROCKS
ENGINEERS

1349 Galleria Drive, Suite 110
Las Vegas, NV 89014
(702) 966-4063

CITY OF LAS VEGAS
BILL BRIARE FAMILY PARK IMPROVEMENTS
650 N. TENAYA WAY
APN: 138-27-301-019
GRADING PLAN - EAST

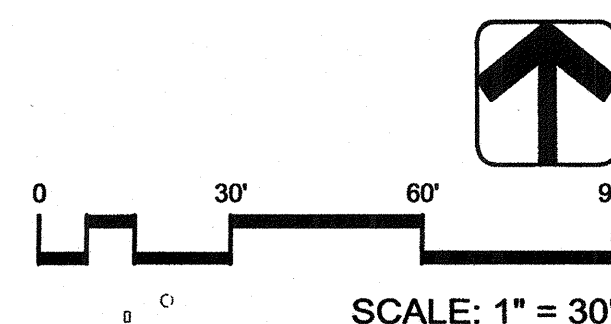
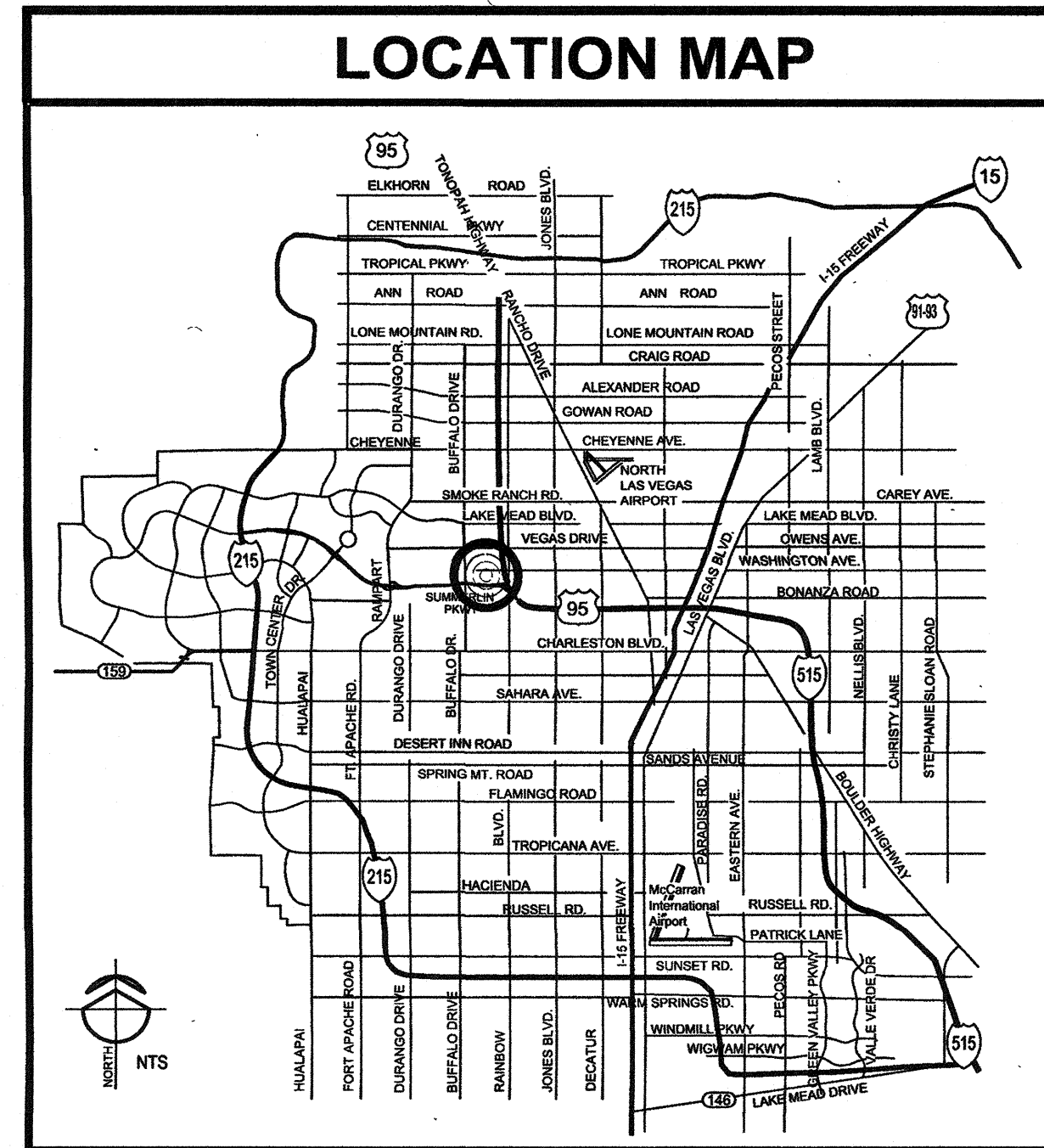
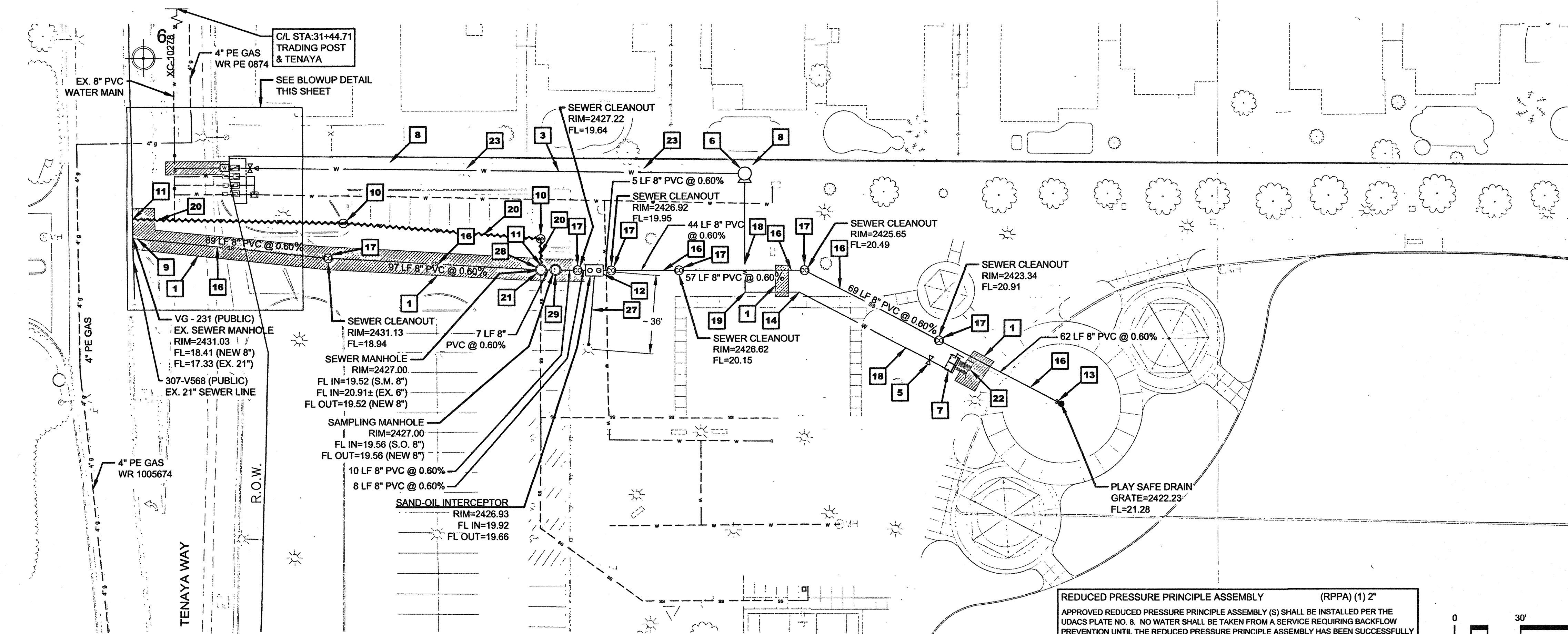


OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6335
FAX: (702) 384-4846
TDD: (702) 386-9108

DRAWN: SAD
FILE: 16-001
DATE: October 31, 2016
SCALE: 1"=30'-0"
RBD NO: 15.59815DC
CLV DWG NO: 650.90-2
HANSER # 59815
SHT NO

C2.02



REDUCED PRESSURE PRINCIPLE ASSEMBLY (RPPA) (1) 2"

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY (S) SHALL BE INSTALLED PER THE UDACS PLATE NO. 8. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY LVWVD. ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY. EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

UTILITY PLAN CONSTRUCTION KEY NOTES

- SAWCUT, REMOVE AND RECONSTRUCT TO NEW CONDITIONS (PER APPLICABLE STANDARDS)
- INSTALL METER (PER UDACS PLATE #4)
- NEW 4" PVC WATER LINE (PER UDACS)
- INSTALL 2" RPPA WITH CONCRETE PAD (SEE UDACS PLATE #8)
- NEW 2" OR 3" VALVE (PER UDACS)
- NEW BOOSTER PUMP (SEE SHEET IR-1.7)
- CONNECT TO NEW CONCRETE VAULT & MANIFOLD ASSEMBLY (SEE SHEET W1.03)
- PROTECT EXISTING FENCE IN PLACE
- CONNECT NEW 8" SEWER LATERAL TO EXISTING SEWER MANHOLE (PER DCSWCS)
- EXISTING SEWER CLEAN-OUT TO BE REMOVED (PER DCSWCS)
- REMOVE EXISTING SEWER LATERAL AND CAP AT WYE (PER DCSWCS 3.18.1C)
- NEW 320 GALLON SAND-OIL INTERCEPTOR (SEE SHEET C4.00, DETAIL 1, JENSEN PRECAST (MODIFIED) OR APPROVED EQUAL PER UPC (UNIFIED PLUMBING CODE)), TO BE REVIEWED / PERMITTED BY DEPT OF BUILDING & SAFETY
- CONNECT NEW 8" SEWER TO NEW PLAY SAFE DRAIN 8 5/8" PIPE (SEE SHEET W1.03 -F)
- NEW 3" 22.5° BEND (PER UDACS)
- CONNECT NEW 2" WATER LINE TO EXISTING 8" WATER MAIN (PER UDACS)
- NEW 8" SEWER LATERAL (PRIVATE)
- NEW 6" SEWER CLEAN-OUT (PER DCSWCS SD-26, WITH TRAFFIC RATED LID) (PRIVATE)
- NEW 3" PVC WATER LINE (PER UDACS)
- NEW 3" 90° BEND (PER UDACS)
- EXISTING SEWER LATERAL TO BE ABANDONED IN PLACE (PER DCSWCS 3.18.1C)
- CONNECT EXISTING SEWER LATERAL TO NEW 6" SEWER LATERAL (PER DCSWCS)
- SEE SHEET W1.01 FOR WATER LINE ROUTING BEYOND CONCRETE VAULT
- PROTECT EXISTING LIGHT POLE IN PLACE
- PROTECT EXISTING WATER FACILITIES IN PLACE
- NEW 2" x 4" REDUCER (PER UDACS)
- NEW ~20' x ~7.5' (EXCLUSIVE) WATER EASEMENT (PER UDACS)
- NEW 4" STAINLESS STEEL VENT PIPE (SEE SHEET C4.00, DETAIL 4, PER DCSWCS AND UPC (UNIFIED PLUMBING CODE))
- NEW 48" SEWER MANHOLE (PER DCSWCS) (PRIVATE)
- NEW 48" SAMPLING MANHOLE (SEE SHEET C4.00, DETAIL 2 & 3, JENSEN PRECAST OR APPROVED EQUAL PER DCSWCS)
- NEW 2" PVC WATER LINE (PER UDACS)

CONSTRUCTION LEGEND

- EXISTING WATER LINE (APPROX.)
- NEW 3" OR 4" WATER LINE
- EXISTING SANITARY SEWER (APPROX.)
- NEW 6" SANITARY SEWER
- EXISTING SEWER LATERAL TO BE ABANDONED IN PLACE
- NEW WATER METER
- NEW BACK FLOW PREVENTER
- NEW BOOSTER PUMP
- NEW WATER VALVE
- NEW SEWER CLEAN-OUT
- NEW 48" MANHOLE
- NEW SAND-OIL INTERCEPTOR
- EXISTING STRUCTURES TO BE REMOVED (SAWCUT TO ALLOW FOR CLEAN EDGES)

CONSTRUCTION NOTES

- SEE SHEET L1.01 FOR ADDITIONAL DEMOLITION COORDINATION.
- SEE LANDSCAPING, IRRIGATION AND POWER PLANS FOR ANY REQUIRED CONDUITS FOR POWER, LIGHTING AND IRRIGATION.
- ALL LOCATIONS OF UTILITIES SHOWN ARE APPROXIMATE, CONTRACTOR TO FIELD VERIFY PRIOR TO CONSTRUCTION.

ESTIMATED PUBLIC WATER QUANTITIES

- 4" WATER SERVICE LATERAL - (~ 30 L.F.)
- 4" TO 2" REDUCER - (2)
- 4" WATER VALVE - (1)
- 4" BACK FLOW PREVENTER - (1)
- 2" WATER METER - (1)

APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District Engineering Service Manager

Project No. 124931 Date: 2/10/16

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

FAST
Call before you dig
Underground
1-702-432-5300
SYSTEM OF TRANSPORTATION

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

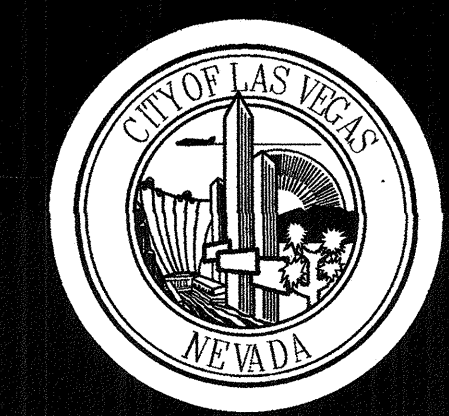
RECEIVED
DEC 22 2016
CITY OF LAS VEGAS
BUILDING DEPT.

REVIEWED FOR CODE COMPLIANCE

JAN 03 2017

CITY OF LAS VEGAS
BUILDING AND SAFETY

CLV



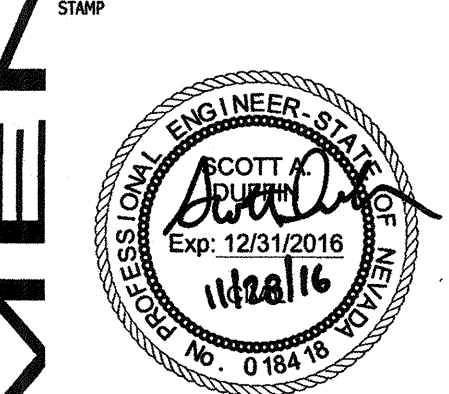
REVISIONS

CONSULTANT

HORROCKS
ENGINEERS

1349 Galleria Drive, Suite 110
Las Vegas, NV 89014
(702) 966-4063

CITY OF LAS VEGAS
BILL BRIARE FAMILY PARK IMPROVEMENTS
650 N. TENAYA WAY
APN: 138-27-301-019
UTILITY PLAN



OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89105
PHONE: (702) 229-6535
FAX: (702) 384-4846
TDD: (702) 386-9108

DRAWN: SAD

FILE: 16-001

DATE: October 31, 2016

SCALE: 1"=30'-0"

BID NO: 15.59815DC

CLV DWG NO: 650.90-2

HANSEN #: 59815

SHEET NO: C3.00

SURVEY CONTROL

BASIS OF BEARING
NORTH 01°01'49" WEST

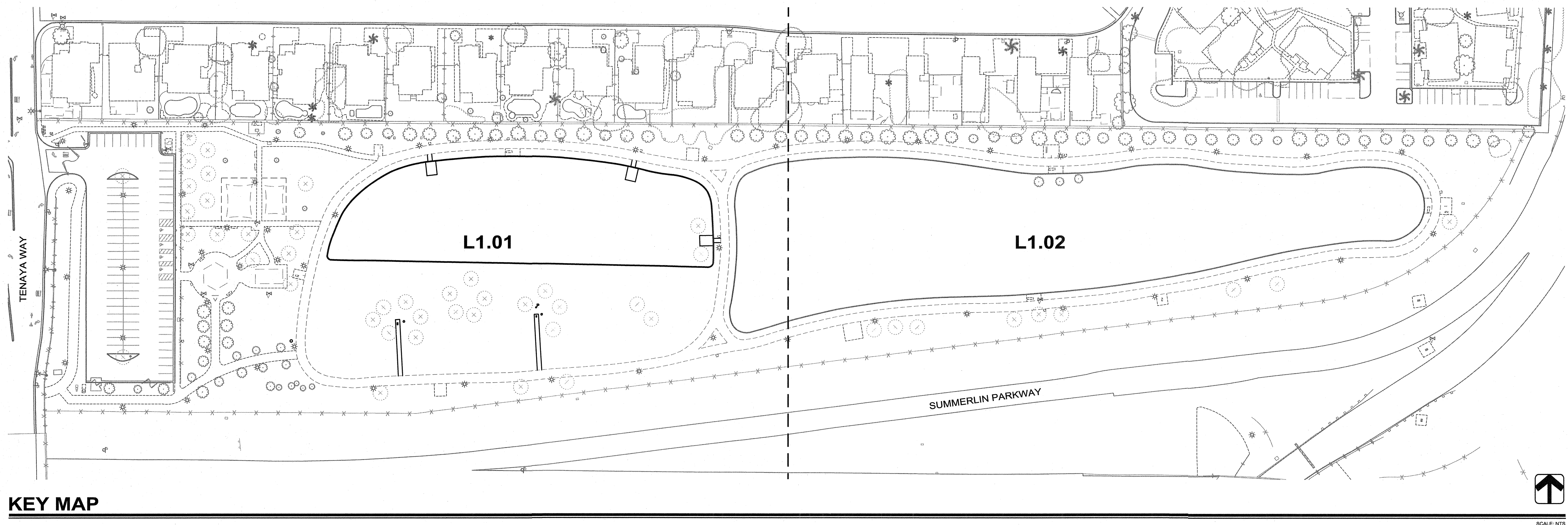
BEING THE WEST LINE OF THE SOUTHEAST QUARTER (SE1/4) OF SECTION 27, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN ON THAT CERTAIN PLAT OF TENAYA 2 UNIT 3, RECORDED IN PLAT BOOK 34, PAGE 59 OFFICIAL RECORDS OF CLARK COUNTY NEVADA.

BENCHMARK
CITY OF LAS VEGAS BENCHMARK MONUMENT ID NUMBER 14LV0027C4 RIVET AND PLATE IN TOP OF CURB AT THE SOUTHEAST CORNER OF TENAYA WAY AND WASHINGTON AVE, ELEVATION 2425.14 (NAVD 88)

Point	Northing	Easting	Elevation	Description
4	2676687.057	750711.595	2414.23	AT MAG
6	26767180.790	754206.127	2420.83	AT MAG
8	26766887.083	754206.223	2402.20	AT

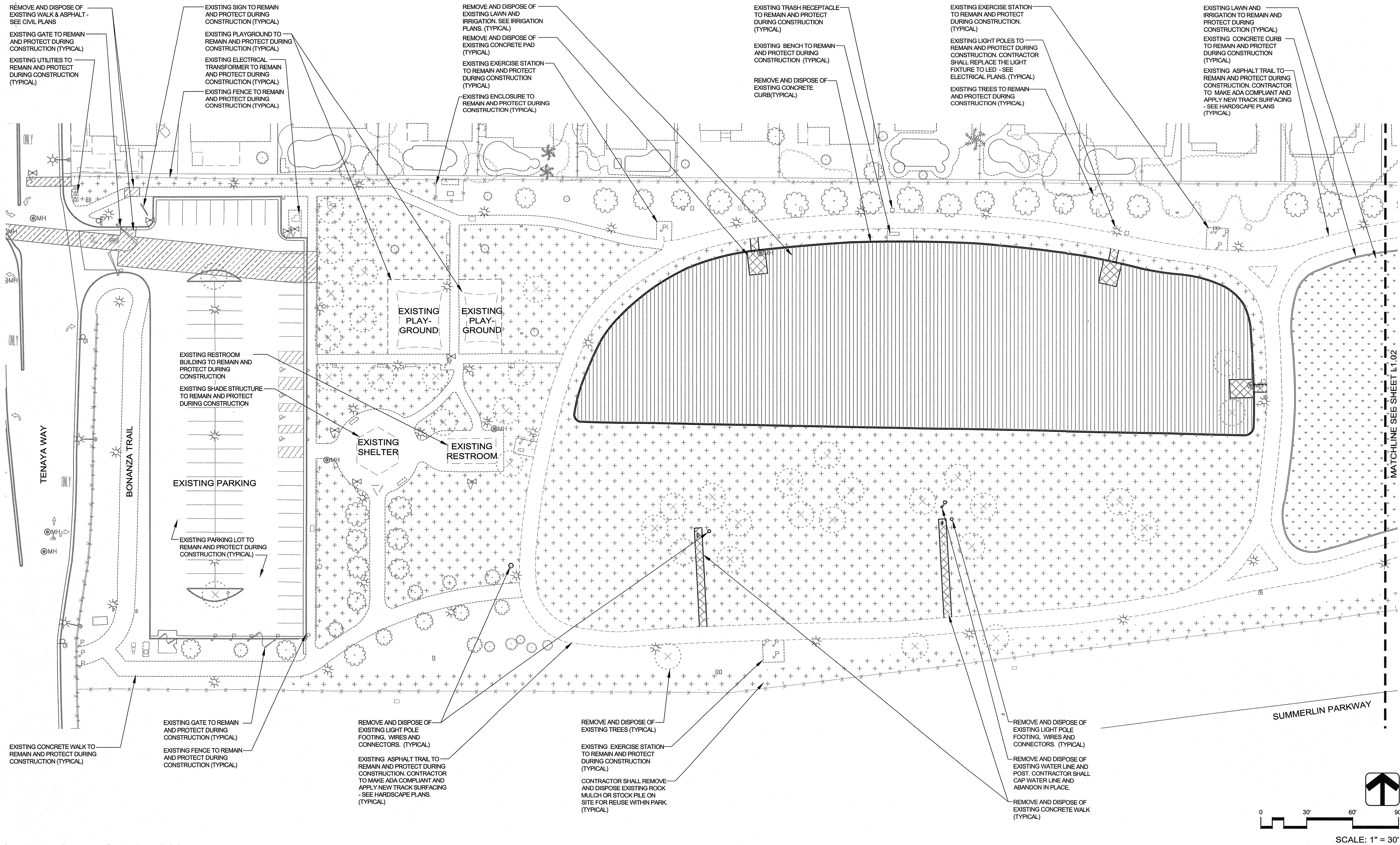
POINT NUMBER

CONTROL POINT



FAST

 Call
before you
UnderGround
1-702-432-5300
FREEMAN AND ARTERIAL
CONSTRUCTION, INC.

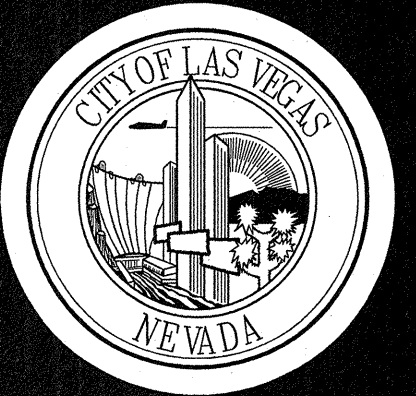


DEMOLITION PLAN

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

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

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



REVISIONS

CONSULTANT

southwick
LANDSCAPE ARCHITECTS

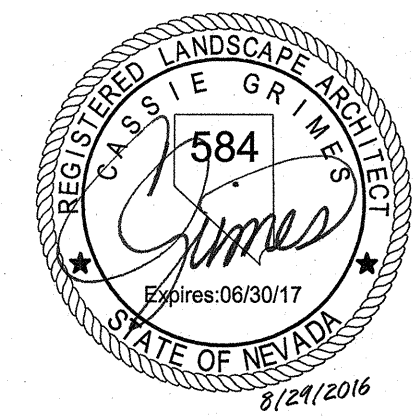
1700 W Horizon Ridge Pkwy, Suite 203
Henderson NV 89012
www.southwickla.com

CITY OF LAS VEGAS

BILL BRIARE FAMILY PARK IMPROVEMENTS

650 N. TENAYA WAY

DEMOLITION PLAN



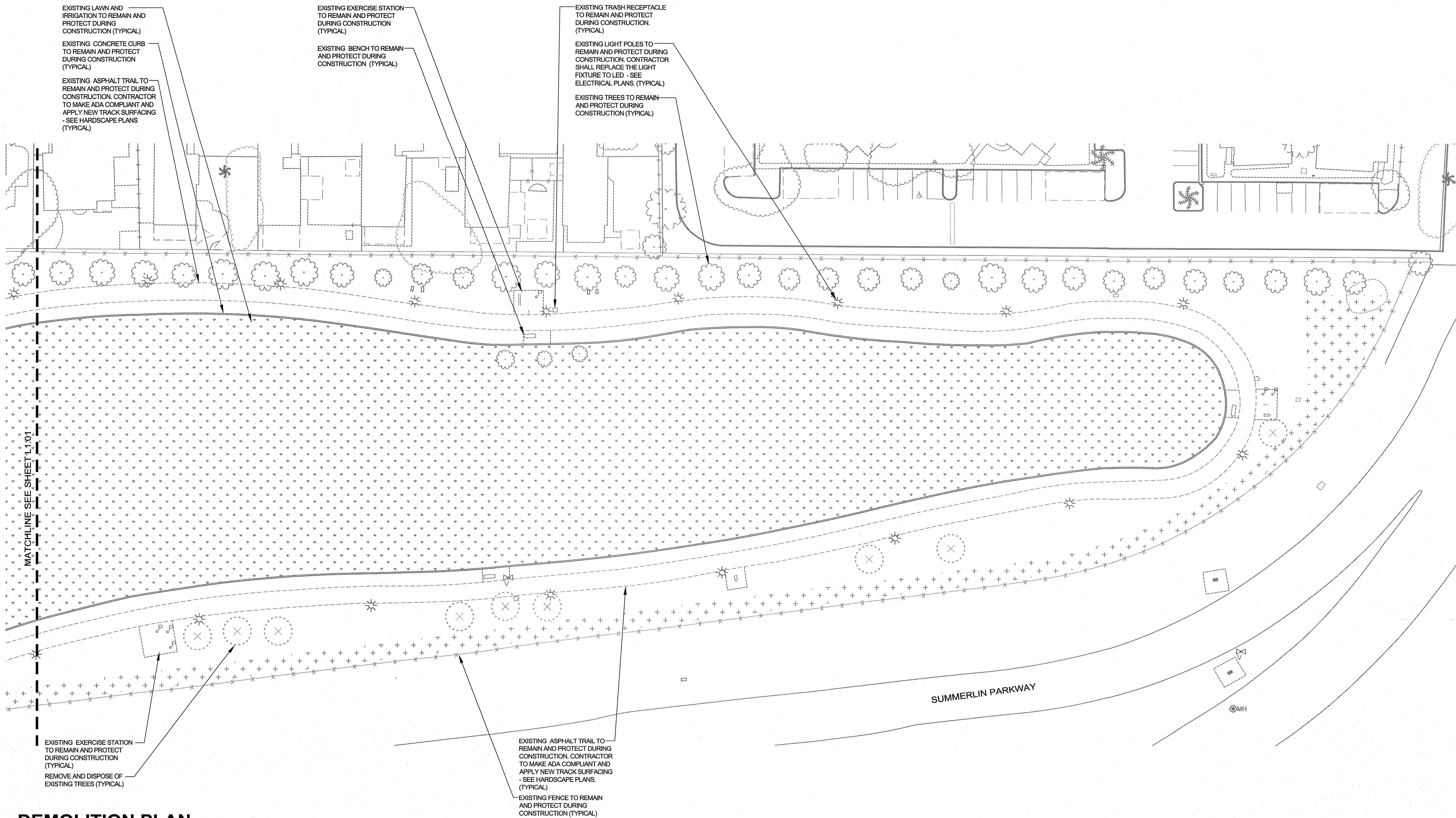
OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

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

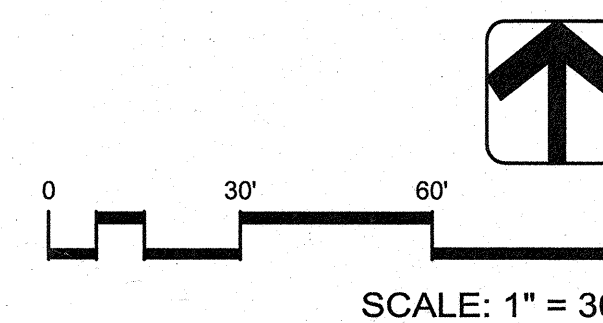
DRAWN: CLG
FILE: 16-001
DATE: August 28, 2016
SCALE: 1"=30'-0"
BID NO: 15.59815DC
CLV DWG NO: 650.90-2
HANSER #: 59815
SHT NO:

L1.01

DRAWINGS ARE INSTRUMENTS OF SERVICE AND THE PROPERTY OF THE DESIGN PROFESSIONAL. WAIVER OF COPYRIGHT APPEARS ON THE DRAWINGS AND SPECIFICATIONS REMAINED BY THE CLIENT MAY BE UTILIZED ONLY FOR OCCUPANCY OF THE DRAWINGS AND SPECIFICATIONS REMAINED BY THE CLIENT. THEY MAY BE REPRODUCED OR NOT FOR THE CONSTRUCTION OF ANY OTHER PROJECT. A.C. 8/2/17



DEMOLITION PLAN



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

AVOID HITTING OVERHEAD POWER LINES. TIE OFF. CALL BEFORE YOU DO OVERHEAD
1-702-227-2929

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

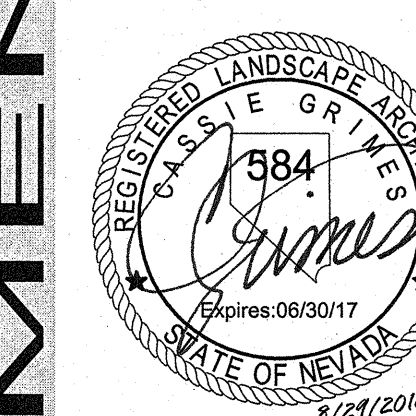


REVISIONS

CONSULTANT

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

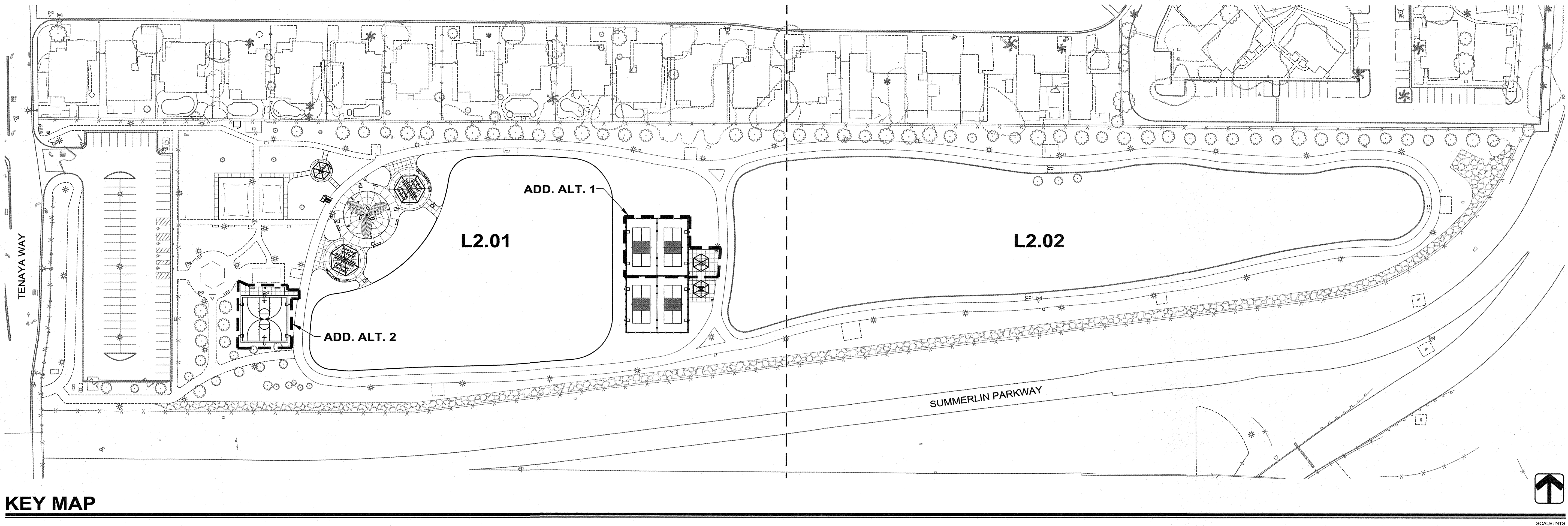
CITY OF LAS VEGAS
BILL BRIARE FAMILY PARK IMPROVEMENTS
650 N. TENAYA WAY
DEMOLITION PLAN



OWNER: CITY OF LAS VEGAS DEPARTMENT OF PUBLIC WORKS
333 NORTH RANCHO DRIVE LAS VEGAS, NEVADA 89106 PHONE: (702) 229-6535 FAX: (702) 386-4846 TDD: (702) 386-9108
DRAWN: CLG
FILE: 16-001
DATE: August 29, 2016
SCALE: 1"=30'-0"
BID NO: 1559815DC
CLV DWG NO: 65030-2
HANSEN #: 59815
SHEET NO:

L1.02

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 OF THE DESIGN PROFESSIONAL IS STRICTLY PROHIBITED. COPIES OF THE DRAWINGS AND SPECIFICATIONS REMAINED BY THE CLIENT MAY BE UTILIZED ONLY FOR THE PROJECT FOR WHICH THEY WERE PREPARED AND NOT FOR THE CONSTRUCTION OF ANY OTHER PROJECT IN A CITY OF LAS VEGAS.



KEY MAP

BASE BID

WATER PLAY AREA

- TWO (2) GROUP PICNIC SHELTERS
- FOUR (4) GROUP GRILLS
- FOUR (4) SET UP TABLES
- SIX (6) TRASH RECEPTACLES
- FOURTEEN (14) PICNIC TABLES
- FOUR (4) BENCHES
- WATER PLAY APPRENTICES, CONTROLLERS, PUMP, VALVES, METER AND PIPING
- CONCRETE WATER PLAY SURFACING
- LIGHTING
- CONCRETE WALKS AND PLAZAS

PICKLE BALL AREA

- TWO (2) PICKLE BALL COURTS WITH FENCING, NETS, AND LIGHTING
- TWO (2) TRASH RECEPTACLES
- ONE (1) PICNIC TABLE
- ONE (1) SMALL PICNIC SHELTER
- CONCRETE WALK / PLAZA
- LIGHTING

PLAYGROUND AREA UPGRADES

- ONE (1) SMALL PICNIC SHELTER
- ONE (1) PICNIC TABLE
- ONE (1) GRILL
- TWO (2) TRASH RECEPTACLES
- CONCRETE WALKS / PLAZA
- ONE (1) HYDRATION STATION
- LIGHTING

PARK UPGRADES

- TRACK ADA COMPLIANCE AND SURFACING
- MAINTENANCE PATH
- CONCRETE MOW CURB
- SODDED LAWN
- OVERSEED EXISTING TURF
- MOUNDING / EARTHWORK
- LED LIGHTING
- TREES AND SHRUBS
- IRRIGATION

ADD. ALT. AREAS

- DECORATIVE ROCK ONLY

BID OPTIONS

ADD. ALT. 1 - PICKLE BALL

- TWO (2) PICKLE BALL COURTS WITH FENCING, NETS, AND LIGHTING
- ONE (1) SMALL PICNIC SHELTER
- ONE (1) TRASH RECEPTACLE
- ONE (1) PICNIC TABLE
- CONCRETE PLAZA

ADD. ALT. 2 - HALF BASKETBALL COURT

- ONE (1) HALF BASKETBALL COURT WITH GOALS, NETS AND LIGHTING
- CONCRETE PLAZA / WALK
- TWO (2) BENCHES
- ONE (1) TRASH RECEPTACLE

CONSTRUCTION SCHEDULE

HARDSCAPE

SYMBOL	ITEM	QTY.	DESCRIPTION	DETAIL(S)	SHEET
HS-1	STANDARD GRAY CONCRETE	13,721 S.F.	STANDARD GRAY CONCRETE, MEDIUM BROOM FINISH. (12,097 SF BASE BID, 1,020 SF ADD ALT 1, 604 SF ADD ALT 2)	'C'	L2.03
HS-2	TRACK SURFACING	33,295 S.F.	TRACK SURFACING WITH 1/4 MILE MARKERS PAINTED ON SURFACING PER MANUFACTURERS RECOMMENDATIONS. INSTALL OVER EXISTING ASPHALT WALK.	'J'	L2.03
HS-3	CONCRETE CURB	1,053 L.F.	STANDARD GRAY CONCRETE, TROWL FINISH	'G'	L2.03
HS-4	MAINTENANCE PATH	17,989 S.F.	COMPACTED, STABILIZED ROCK	'L'	L2.03

SITE AMENITIES

SYMBOL	ITEM	QTY.	DESCRIPTION	DETAIL(S)	SHEET
SA-1	BENCH	6	PRECAST CONCRETE BENCH. DESIGN INTENT BASED ON OUTDOOR CREATIONS MODEL # 408B-SKB. COLOR TO MATCH EXISTING. (4 BASE BID & 1 ADD ALT 2)	'I'	L2.03
SA-2	PICNIC TABLE	17	PRECAST CONCRETE TABLE. DESIGN INTENT BASED ON OUTDOOR CREATIONS MODEL# 100FSSK. COLOR TO MATCH EXISTING (16 BASE BID & 1 ADD ALT 1)	'E'	L2.03
SA-3	JUG FILLER/ DRINKING FOUNTAIN	1	DRINKING FOUNTAIN WITH BOTTLE FILLER. DESIGN INTENT BASED ON MOST DEPENDABLE FOUNTAINS MODEL# 10145 SMFA WITH OPTIONS SHOWN PER THE DETAIL. COLOR: YELLOW	'H'	L2.03
SA-4	TRASH RECEPTACLE	8	PRECAST CONCRETE TRASH RECEPTACLE WITH CITY OF LAS VEGAS LOGO. DESIGN INTENT BASED ON OUTDOOR CREATIONS MODEL# 507 WITH 45 GALLON PLASTIC LINER. COLOR TO MATCH EXISTING (6 BASE BID, 1 ADD ALT 1, 1 ADD ALT 2)	'A'	L2.03
SA-5	GROUP GRILL	5	GROUP GRILL. DESIGN INTENT BASED ON KAY PARK MODEL# SB1635. COLOR: BLACK.	'D'	L2.03
SA-6	SETUP TABLE	4	PRECAST CONCRETE SETUP TABLE. DESIGN INTENT BASED ON OUTDOOR CREATIONS MODEL# 102. COLOR TO MATCH EXISTING PICNIC TABLES.	'B'	L2.03
SA-7	WATER PLAY	1	SEE ENLARGEMENT	-	WP1.00- WP1.04
SA-8	PUMP ENCLOSURE	4	CHAIN LINK FENCE PUMP ENCLOSURE WITH ROOF	'G'	L2.05

SHADE STRUCTURES

SYMBOL	ITEM	QTY.	DESCRIPTION	DETAIL(S)	SHEET
SS-1	METAL SHADE SHELTER	2	36" HEXAGON SHADE SHELTER WITH METAL ROOF. STEEL DECORATIVE COLUMNS TO MATCH EXISTING SHELTER COLUMNS ON SITE. ROOF, COLUMN AND TRUSS COLORS TO MATCH EXISTING SHELTERS ON SITE.	A, B, C, D	L2.08
SS-2	METAL SHADE SHELTER	3	20" HEXAGON SHADE SHELTER WITH METAL ROOF. STEEL DECORATIVE COLUMNS TO MATCH EXISTING SHELTER COLUMNS ON SITE. ROOF, COLUMN AND TRUSS COLORS TO MATCH EXISTING SHELTERS ON SITE. (2 BASE BID & 1 ADD ALT 1)	A, B, C, D, E	L2.07

SPORTS COURTS

SYMBOL	ITEM	QTY.	DESCRIPTION	DETAIL(S)	SHEET
SC-1	HALF BASKETBALL COURT	1	POST TENSION SLAB WITH SURFACING. INCLUDES TWO (2) BASKETBALL GOALS (ADD ALT 2). ALSO SEE STRUCTURAL PLANS.	A, B, C, D, E, F	L2.05
SC-2	PICKLE BALL COURT	4	POST TENSION SLAB WITH SURFACING. INCLUDES FENCING, GATES AND NET (TWO (2) COURTS BASE BID, TWO (2) COURTS ADD ALT 1). ALSO SEE STRUCTURAL PLANS.	A, B, C, D, E, F, G	L2.04

SIGN SCHEDULE

SIGNS

SYMBOL	ITEM / DESCRIPTION	QTY.	DETAIL(S)	SHEET
S-1	PICKLEBALL COURT SIGN (1 BASE BID, 1 ADD. ALT.)	2	'J'	L2.06
S-2	PICKLEBALL RULES SIGN (1 BASE BID, 1 ADD. ALT.)	2	'H'	L2.04
S-3	PICKLEBALL CLASS SIGN (1 BASE BID, 1 ADD. ALT.)	2	'I'	L2.04
S-4	BASKETBALL COURT SIGN	1	'J'	L2.06
S-5	WALK LOOP TRAIL SIGN	1	'A'	L2.06
S-6	WATER PLAY SIGN	1	'F'	L2.06
S-7	SHELTER SIGN	2	'B'	L2.06
S-8	VANDALISM SIGN	1	'C'	L2.06
S-9	DOG SIGN	5	'D'	L2.06
S-10	PROJECT SIGN	1	'E'	L2.06
S-11	RESERVATION SIGN	2	'X'	L2.06
S-12	ADA VAN ACCESSIBLE SIGN	1	'X'	L2.06

CONSTRUCTION LEGEND

- SECTION NUMBER
- SHEET NUMBER
- NEW LIGHT POLE - SEE ELECTRICAL PLANS
- INDICATES MATERIAL / AMENITY REFERENCE (SEE SCHEDULE AS NOTED)

FOOTNOTES

1. COLORS, FINISHES, MATERIALS, AND MANUFACTURERS ARE SHOWN FOR BID PURPOSES ONLY. FINAL COLORS, FINISHES, MATERIALS, AND MANUFACTURES SHALL BE DETERMINED DURING SUBMITTAL REVIEW AND/OR AFTER FIELD MOCKUPS (IF REQUIRED).
2. MOCKUP REQUIRED SHOWING FINAL APPEARANCE INCLUDING ALL APPLICABLE COLORS, FINISHES, AND SEALERS.
3. ALL PLAY EQUIPMENT TO BE INSTALLED BY A CERTIFIED INSTALLER FOR THE BRAND AND TYPE OF EQUIPMENT CHOSEN. INSTALL PER MANUFACTURERS SPECIFICATIONS.
4. QUANTITIES SHOWN ARE FOR REFERENCE ONLY; CONTRACTOR MUST VERIFY ALL QUANTITIES FROM PLANS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL WORK IN THESE DOCUMENTS AND SPECIFICATIONS WITH ALL TRADES. EACH TRADE SHALL BE RESPONSIBLE TO FULLY REVIEW THE ENTIRE SET OF CONTRACT DOCUMENTS FOR POTENTIAL RELATED WORK NOT SPECIFICALLY SHOWN IN EACH TRADE'S SECTION. CONTRACTOR SHALL PROVIDE FULLY OPERATIONAL AND COMPLETE SYSTEMS - NO EXCEPTIONS.
6. ALL SIGNAGE SHALL CONFORM TO DETAIL PLAN SHEETS, CLARK COUNTY, NEVADA REVISED STATUTES, MUTCD STANDARDS, AND CITY OF LAS VEGAS STANDARDS, FOR SIGN AND POST TYPE INSTALLATIONS. FINAL SIGN LOCATIONS SHALL BE APPROVED BY CONSTRUCTION PROJECT REP PRIOR TO INSTALLATION.

CONSTRUCTION NOTES

1. CONTRACTOR SHALL OBTAIN AND COORDINATE ALL NECESSARY PERMITS, INSPECTIONS AND APPROVALS REQUIRED FOR THIS WORK. ALL CONSTRUCTION SHALL BE PERFORMED ACCORDING TO LOCAL CODES AND ORDINANCES.
2. INSTALL ALL PARK EQUIPMENT AND COMPONENTS IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS. INSTALL ALL PARK EQUIPMENT AND COMPONENTS AT LOCATIONS SHOWN ON DRAWINGS, PROPERLY ALIGNED AND SPACED; PLUMBED VERTICALLY, COMPLETE AND READY FOR USE. SECURE OWNERS APPROVAL OF LOCATIONS PRIOR TO MOUNTING.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURATE LAYOUT OF THE PROJECT; FOR ESTABLISHING ALL REFERENCE POINTS AND LINES SET FOR CONSTRUCTION. SEE CIVIL DRAWINGS FOR HORIZONTAL CONTROL, GRADING AND UTILITY DRAWINGS. VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. BRING ALL DISCREPANCIES TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
4. VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES AND SERVICES PRIOR TO ANY EXCAVATION OR CONSTRUCTION. CONTRACTOR TO COORDINATE WITH OFF-SITE IMPROVEMENTS AND UTILITIES, INCLUDING STREET LIGHTING. CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR ALL DAMAGE CAUSED BY THE FAILURE TO DO SO.
5. SEE ELECTRICAL SHEETS FOR LIGHT AND ELECTRICAL INFORMATION.

Call before you Dig
1-800-227-2600

Call before you Dig
1-702-227-2929

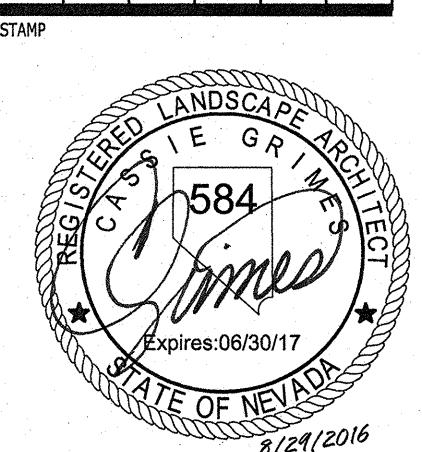
Call before you Dig
1-702-432-5300



REVISIONS
CONSULTANT

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

CITY OF LAS VEGAS
BILL BRIARE FAMILY PARK IMPROVEMENTS
650 N. TENAYA WAY
HARDSCAPE LEGEND, NOTES & KEYMAP

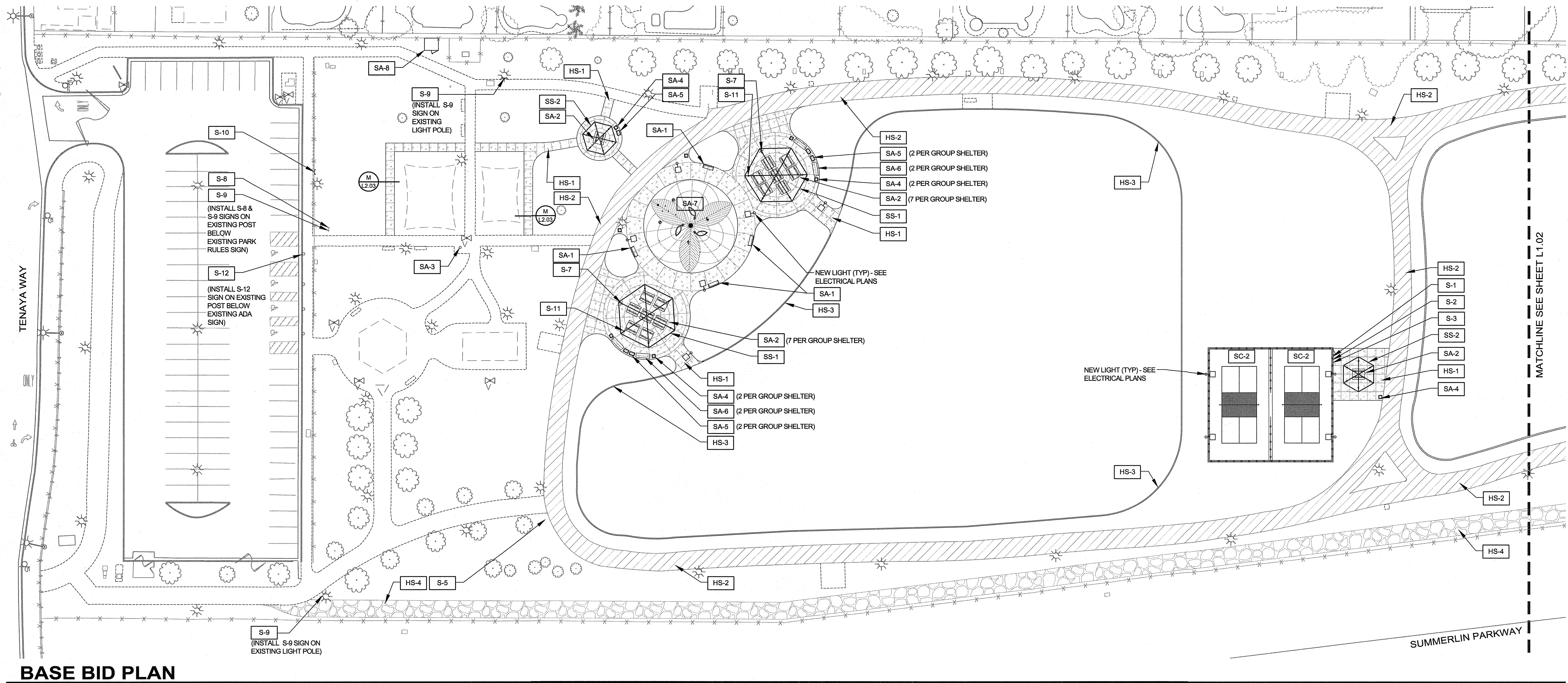


OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

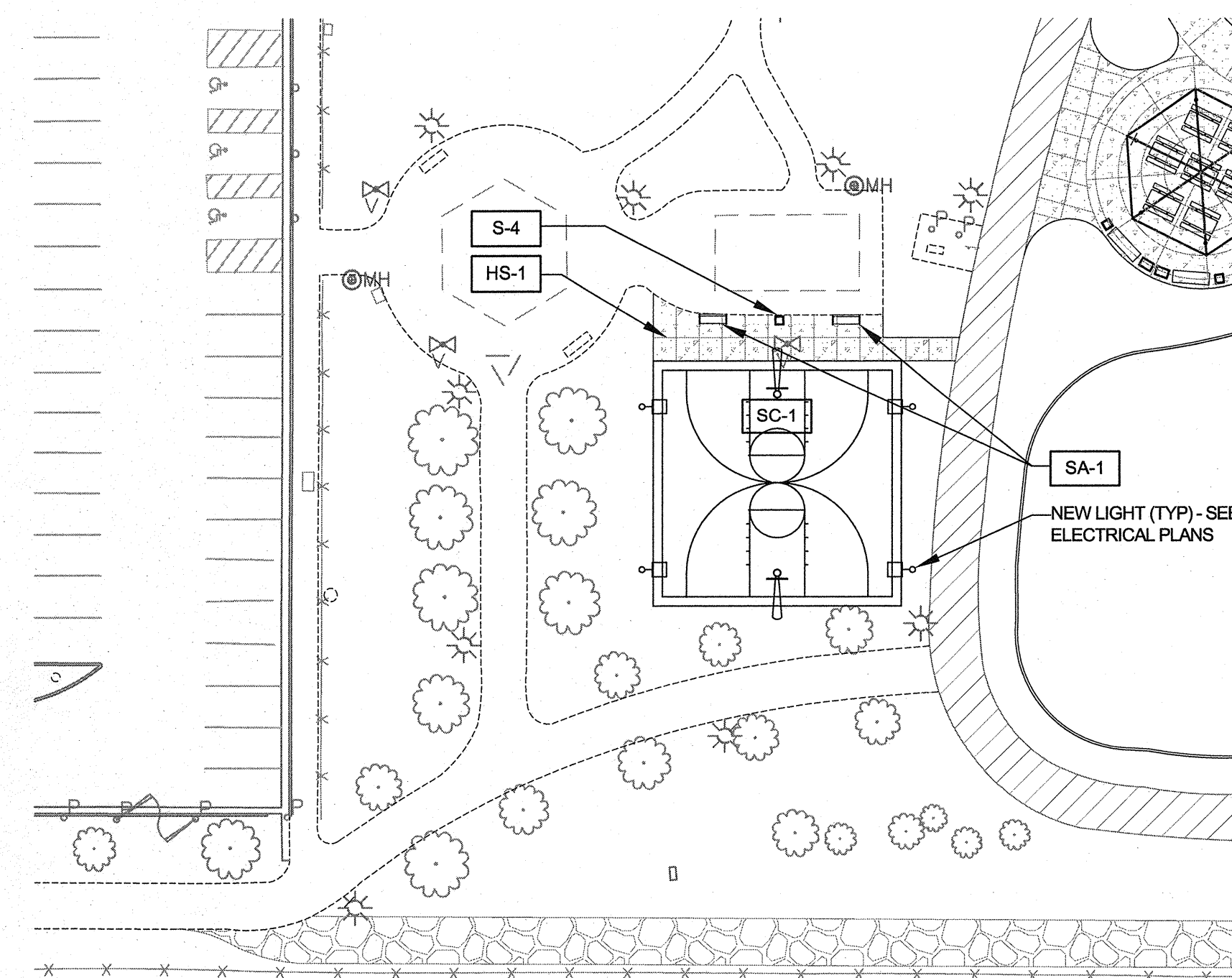
333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 384-4545
TDD: (702) 386-9108

DRAWN CLG
FILE 16-001
DATE August 29, 2016
SCALE 1"=60'-0"
BID NO 1559815DC
CLV DWS NO 65030-2
HANSER # 59815
SHT NO

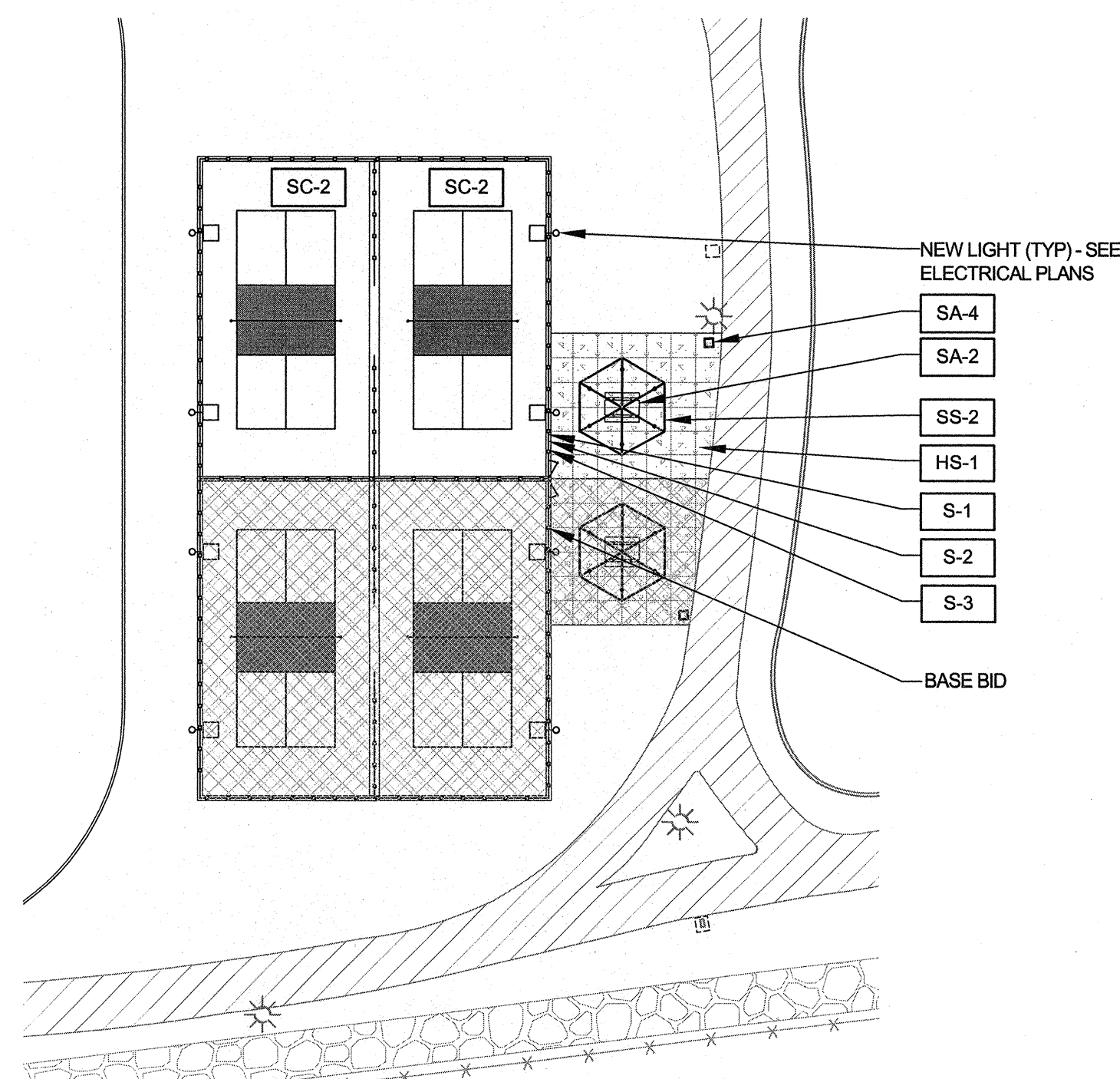
L2.00



BASE BID PLAN



ADD. ALT. 2 - BASKETBALL COURT



ADD. ALT.1 - PICKLEBALL COURT

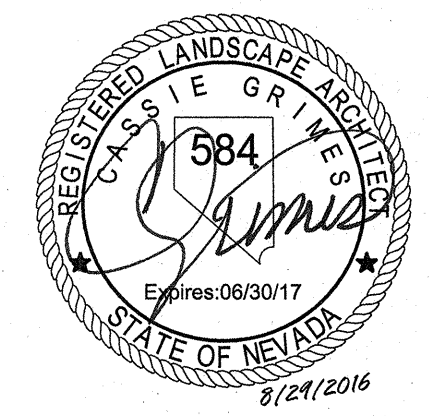


REVIEWED FOR CODE COMPLIANCE
JAN 03 2017 GG
CITY OF LAS VEGAS
BUILDING AND SAFETY
SCALE: 1" = 30'



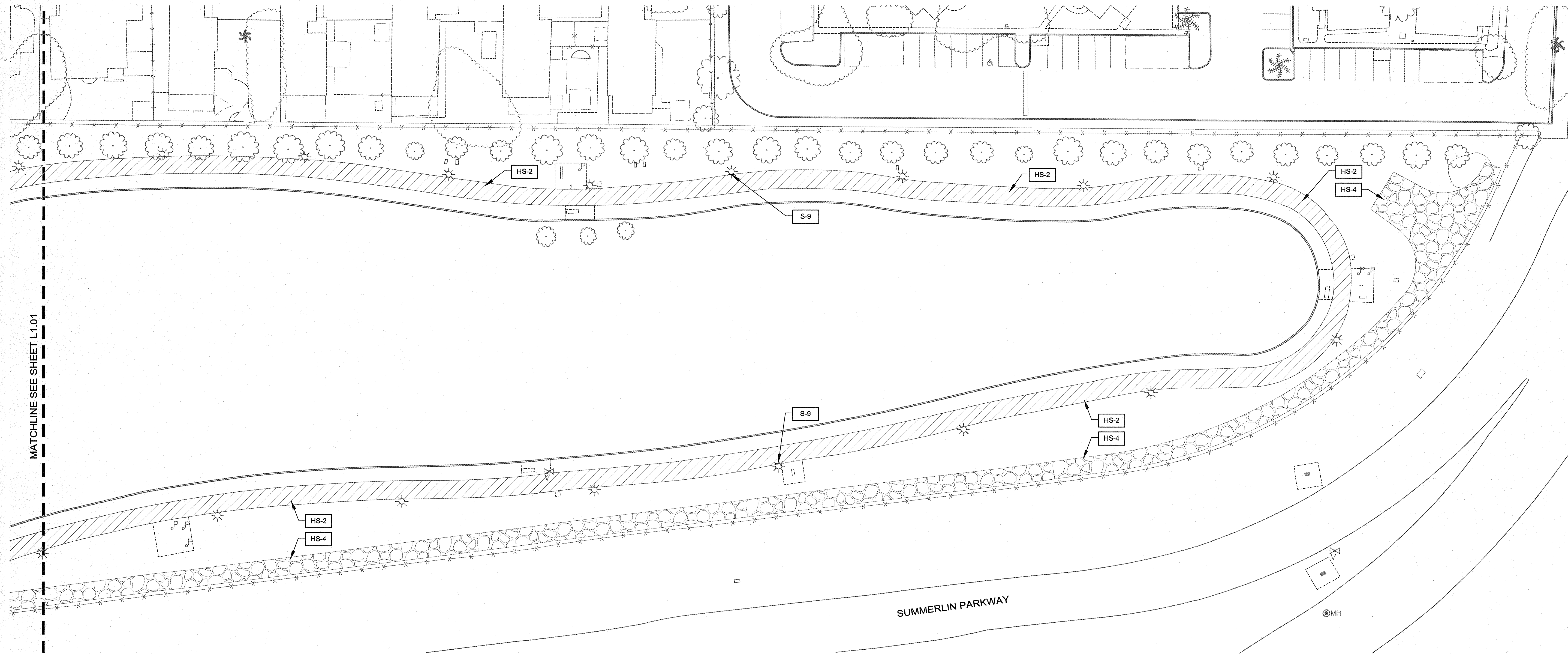
REVISIONS
CONSULTANT
southwick
LANDSCAPE ARCHITECTS
1700 W Horizon Ridge Pkwy, Suite 203
Henderson NV 89012
www.southwickla.com

CITY OF LAS VEGAS
BILL BRIARE FAMILY PARK IMPROVEMENTS
650 N. TENAYA WAY
HARDSCAPE PLAN



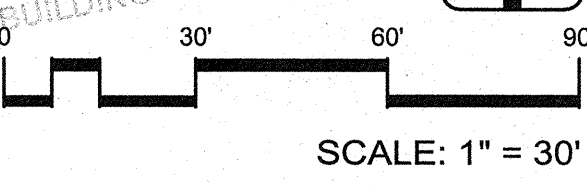
OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 386-4846
TDD: (702) 386-9108
DRAWN: CLG
FILE: 16-001
DATE: August 29, 2016
SCALE: 1"=30'-0"
BID NO: 1559815DC
CLV DWG NO: 650.30-2
HANSEN #: 59815
SHT NO: L2.01

DOWNLOADED AS INSTRUMENTS OF SERVICE AND 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 RETURNED BY THE CLIENT MAY BE UTILIZED ONLY FOR OCCUPANCY OF THE PROJECT FOR WHICH THEY WERE PREPARED AND NOT FOR THE CONSTRUCTION OF ANY OTHER PROJECT. H.A.C. 003.700



BASE BID PLAN

REVIEWED FOR CODE COMPLIANCE
JAN 03 2017 GG
CITY OF LAS VEGAS
BUILDING AND SAFETY



SCALE: 1" = 30'

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

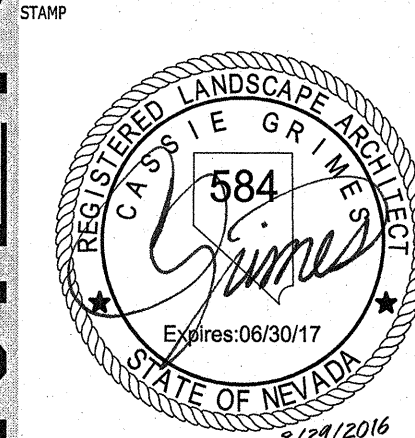
AVOID HITTING OVERHEAD POWER LINES. TYPICALLY
CALL BEFORE YOU DO OVERHEAD
1-702-227-2929

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



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

CITY OF LAS VEGAS
BILL BRIARE FAMILY PARK IMPROVEMENTS
650 N. TENAYA WAY
HARDSCAPE PLAN

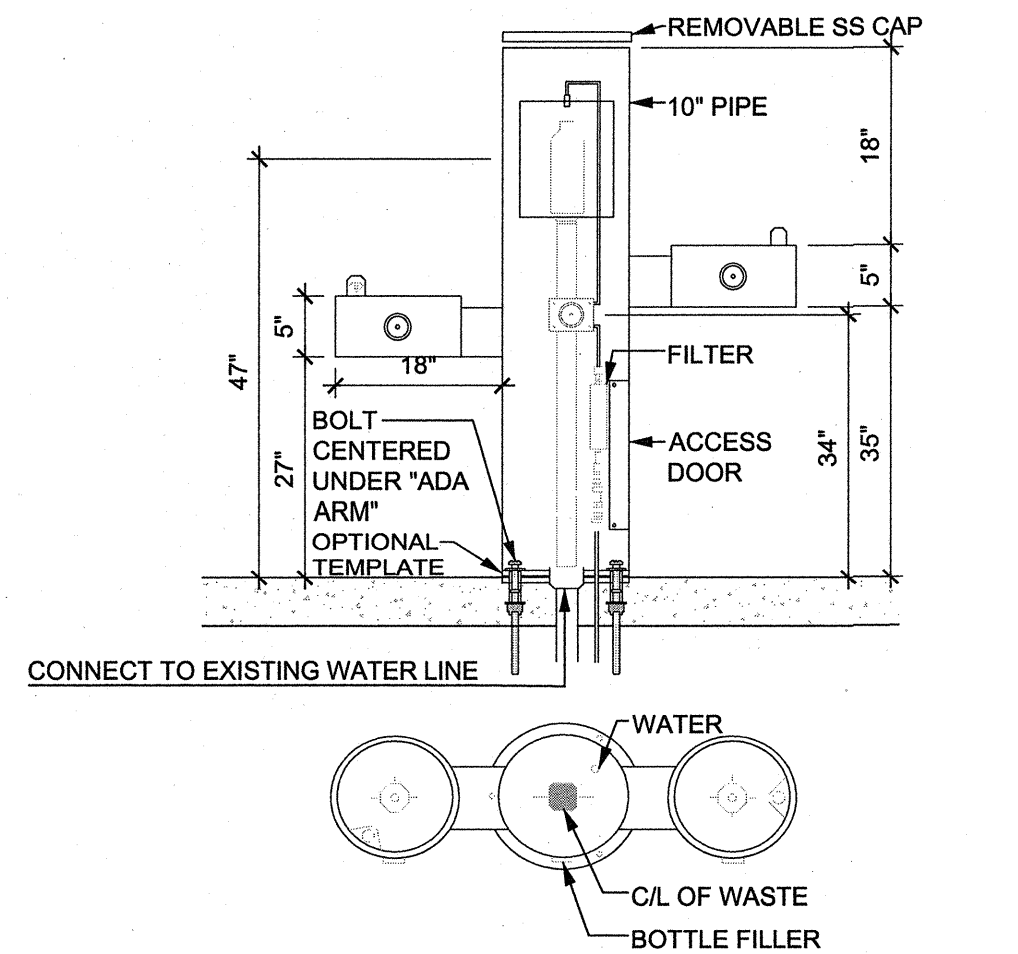
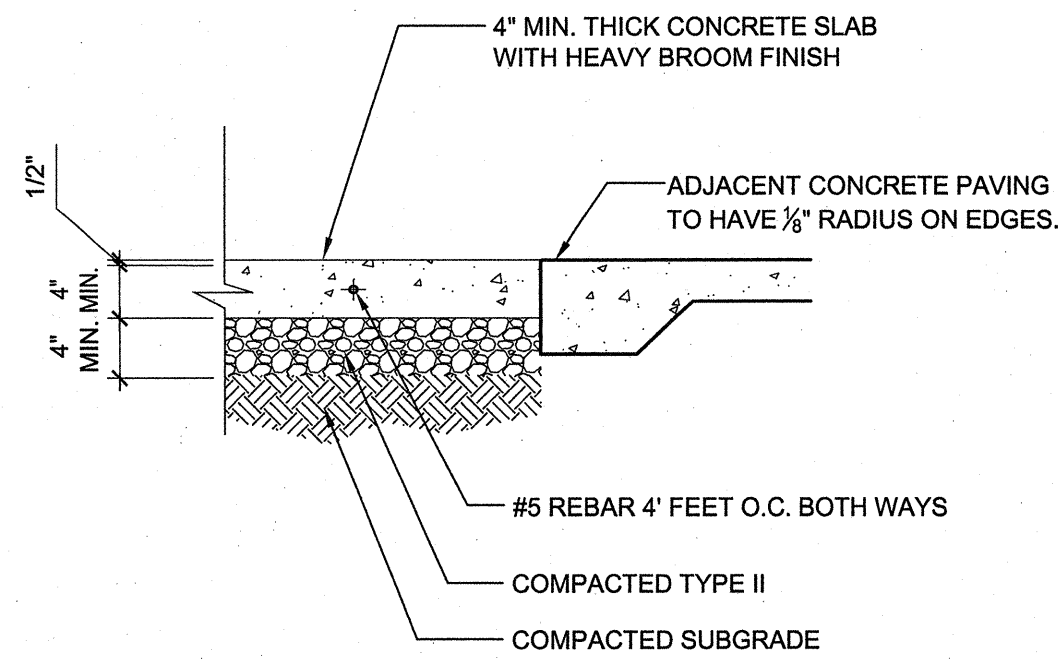


OWNER: CITY OF LAS VEGAS DEPARTMENT OF PUBLIC WORKS
333 NORTH RANCHO DRIVE LAS VEGAS, NEVADA 89106 PHONE: (702) 229-6533 FAX: (702) 384-4846 TDD: (702) 386-9108
DRAWN CLG
FILE 16-001
DATE August 23, 2016
SCALE 1"=30'-0"
BID NO 1559815DC
CLV DWG NO 65030-2
HANSEN # 59815
SHT NO

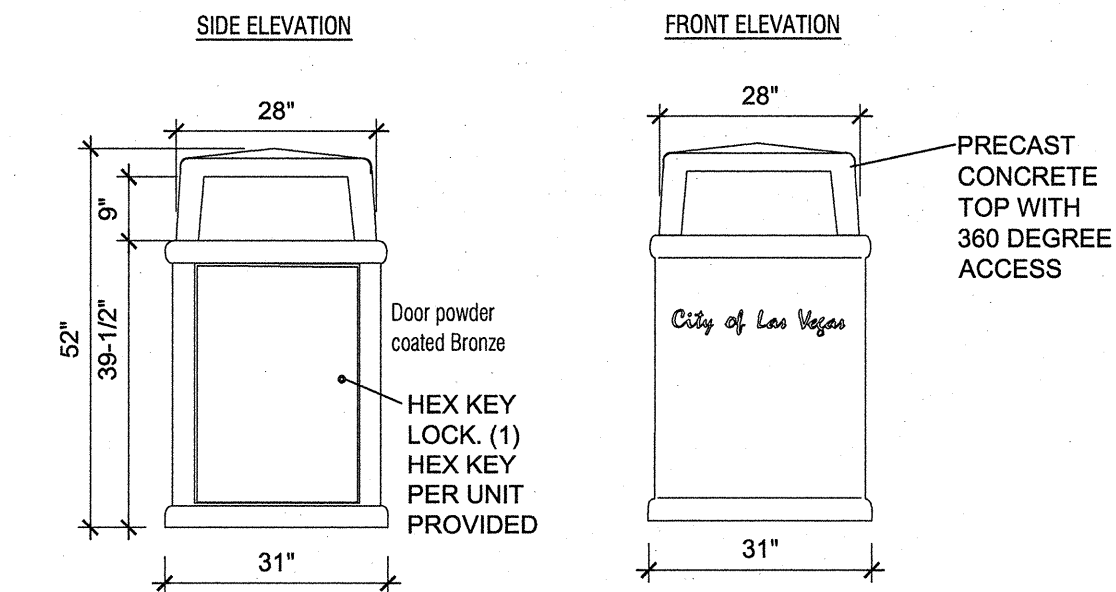
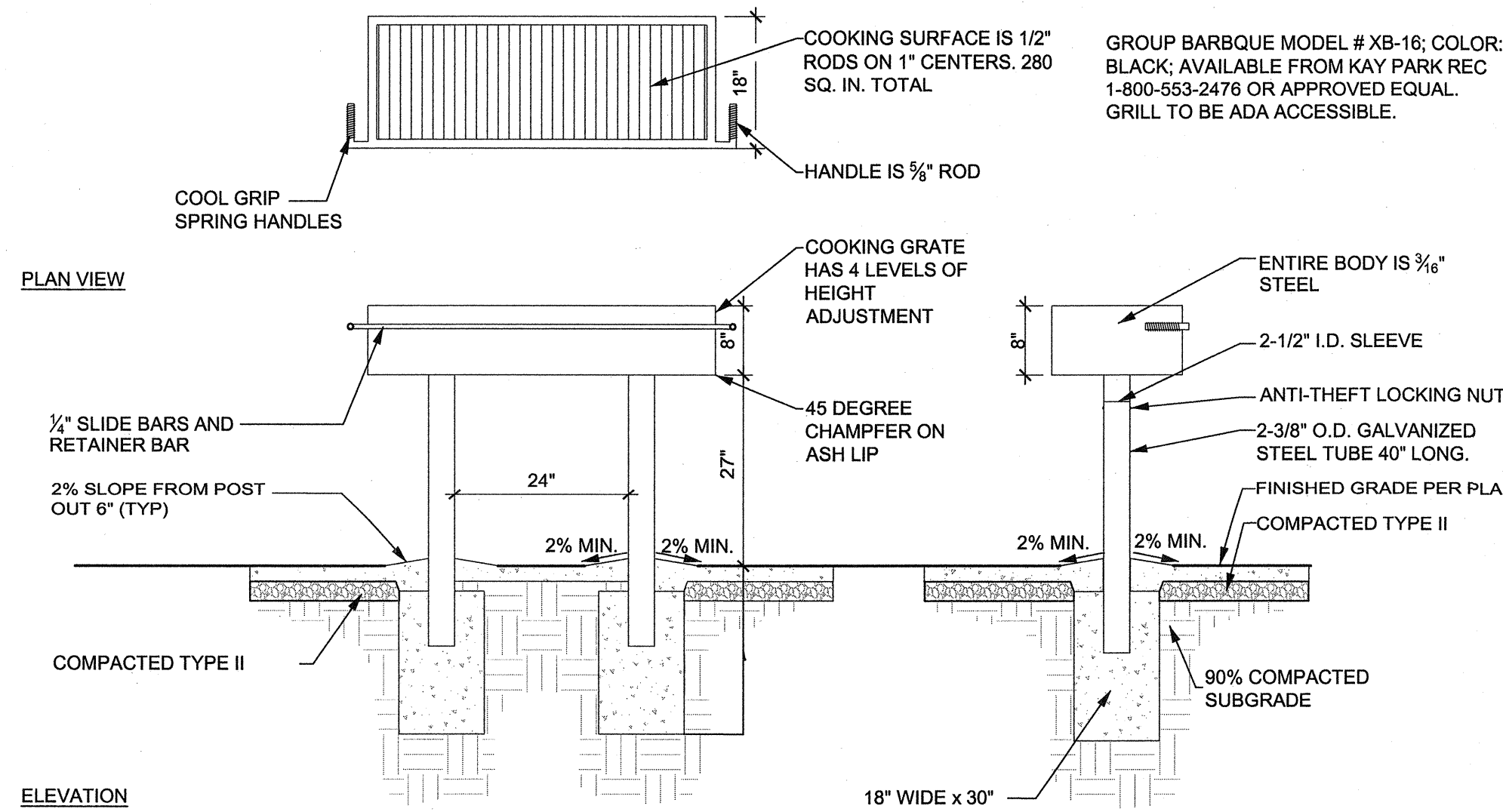
L2.02

DEPARTMENT OF PUBLIC WORKS

- NOTES:
1. SEE CIVIL PLANS FOR GRADING OF WATER PLAY SURFACE
 2. NO POOLING OF WATER IS ALLOWED AT ANY TIME; WATER MUST FLOW TO THE DRAIN.



- NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

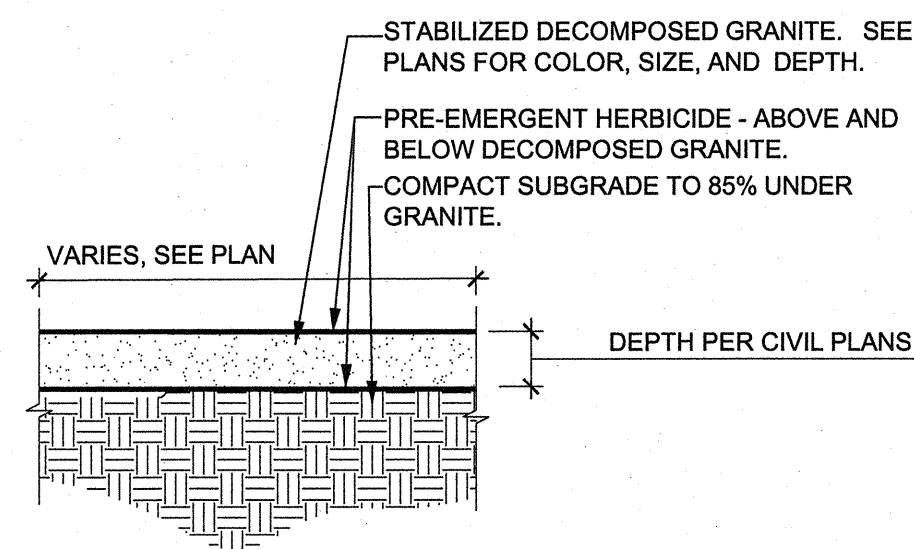


- NOTES:
1. DESIGN INTENT BASED ON MODEL# 507 BY OUTDOOR CREATIONS WITH CAST AND PAINTED CITY OF LAS VEGAS TEXT (SCRIPT LETTERS, 2 1/2" HIGH, ONE SIDE, NO CITY SEAL LOGO). ELECTRONIC COPY OF LOGO AVAILABLE FROM THE CITY OF LAS VEGAS.
 2. TEXTURE AND COLOR TO MATCH EXISTING. SUBMIT SAMPLE FOR APPROVAL.
 3. PROVIDE 45 GALLON PLASTIC TRASH LINER AND RETAINER RING.
 4. PROVIDE DRAIN HOLE(S).
 5. STEEL REINFORCED CONCRETE MIX DESIGN OF AT LEAST 8.5 SACK PORTLAND CEMENT PER CUBIC YARD AND 28 DAY CURED COMPRESSIVE STRENGTH OF 7,000 P.S.I. MINIMUM.
 6. CONFIRM USE OF EPOXY GLUE TO CONCRETE CONNECTION WITH OWNER.
 7. REFER TO MANUFACTURER'S SPECIFICATIONS PRIOR TO INSTALLATION.
 8. FINAL TRASH RECEPTACLE LOCATIONS SHALL BE APPROVED BY OWNERS REP. PRIOR TO EPOXY TO CONCRETE.
 9. ALL FORMED SURFACES AND EDGES SHALL BE FULLY ROUNDED AND SMOOTH.
 10. FINISH OF ALL EXPOSED SURFACES TO HAVE A CONCRETE GRAFFITI-RESISTANT SEALER APPLIED.
 11. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL.

K WATER PLAY SURFACE

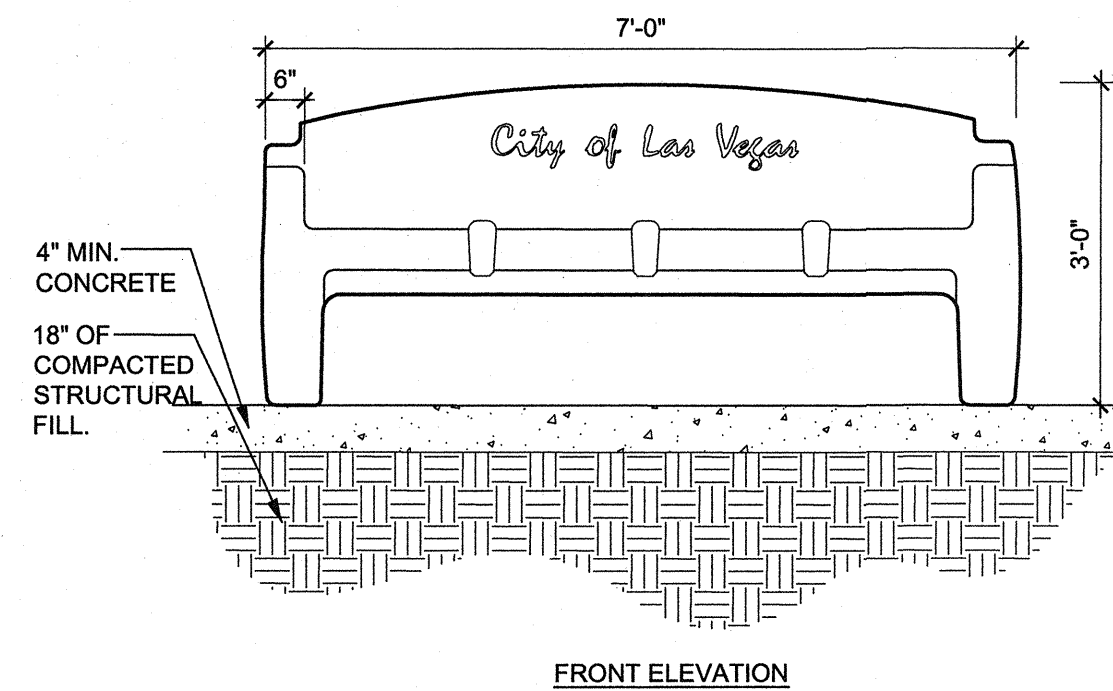
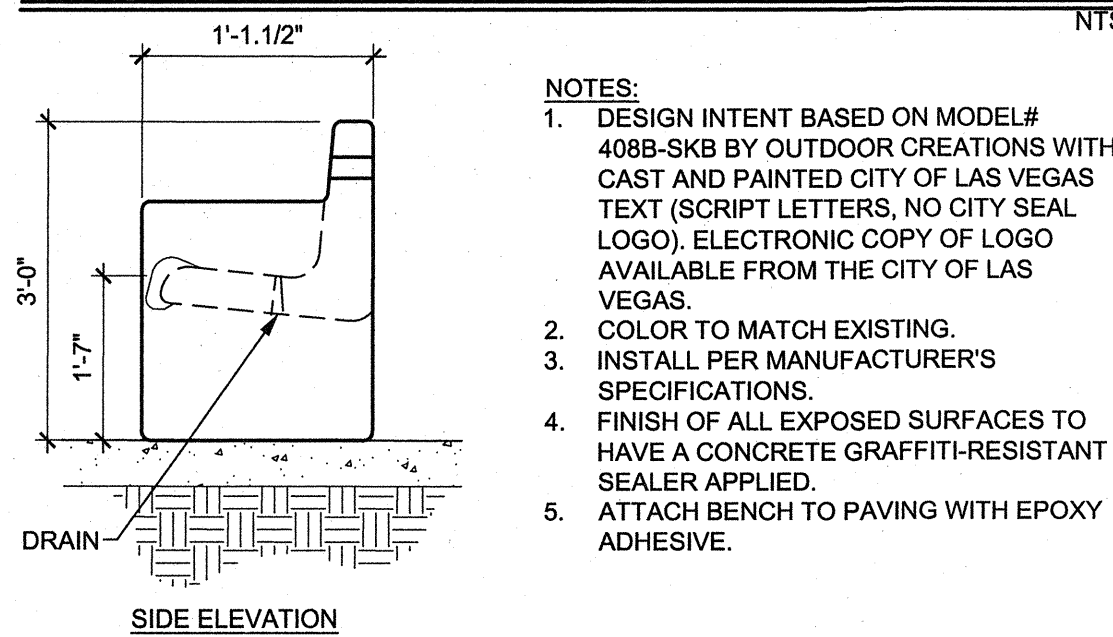
NTS

- NOTES:
1. 'STABILIZER' AVAILABLE THROUGH 'STABILIZER', PHOENIX, AR (1-800-336-2468) OR APPROVED EQUAL.
 2. MIX AND INSTALL 'STABILIZER' PER MANUFACTURER'S WRITTEN INSTRUCTIONS. MINIMUM 12 LBS 'STABILIZER' PER TON OF 1/8" MINUS DECOMPOSED GRANITE.



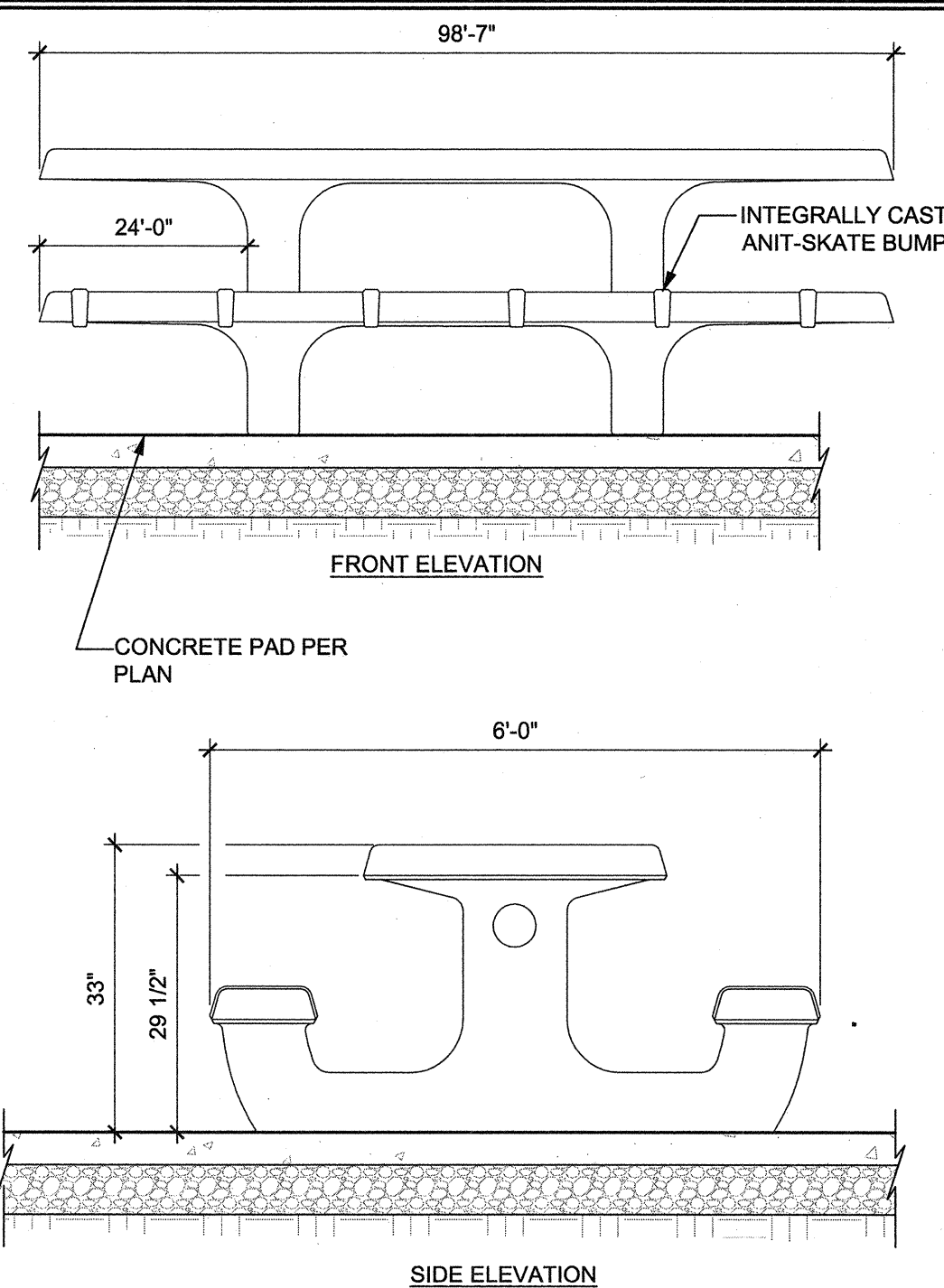
H JUG FILLER

NTS



D GROUP GRILL

NTS



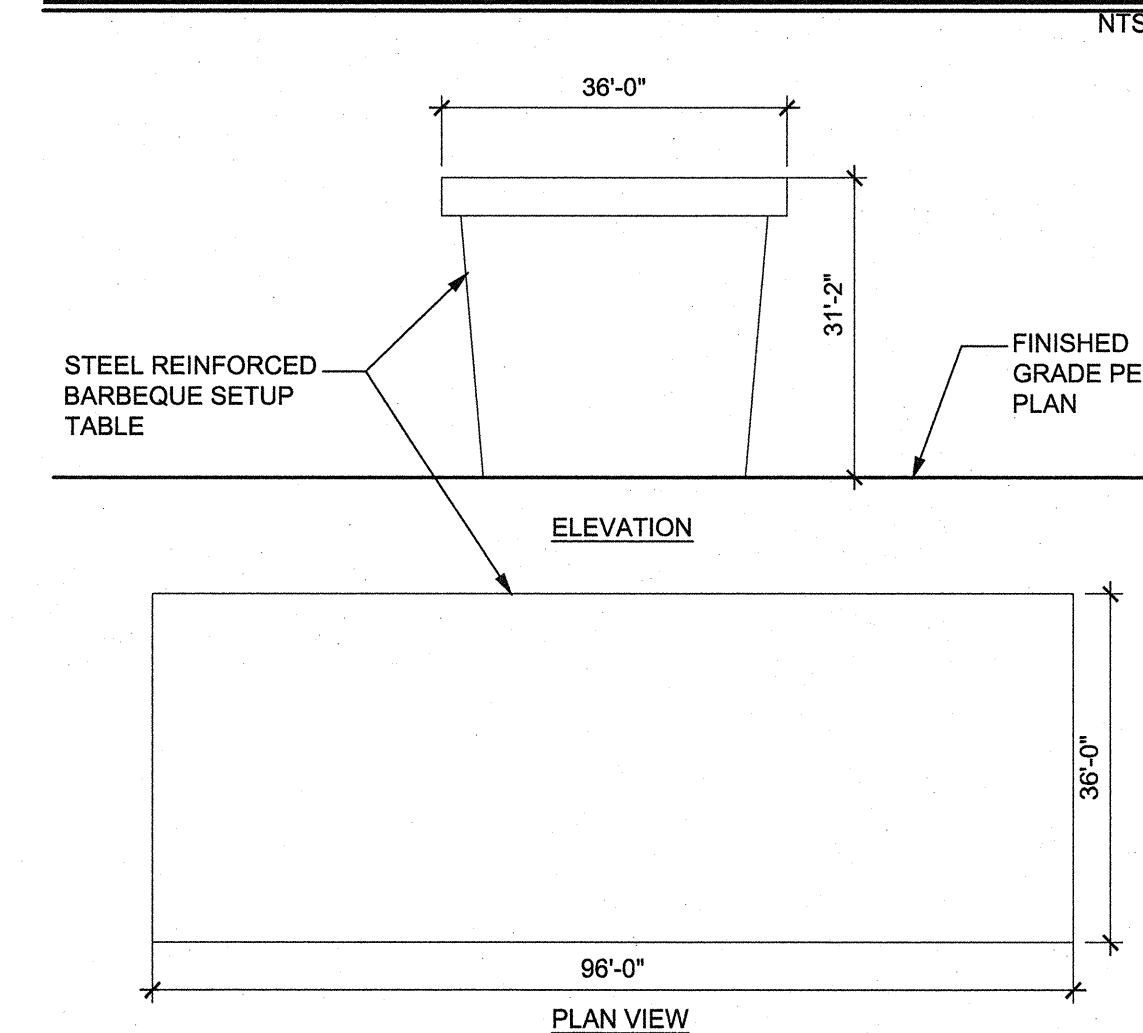
- NOTES: COLOR - TO MATCH EXISTING (SUBMIT SAMPLE PRIOR TO MANUFACTURE OF TABLES); INTEGRALLY CAST EQUALLY SPACED SKATE STOPS REQUIRED. OUTDOOR CREATIONS, 2270 BARNEY ROAD, ANDERSON, CA. 96007, 1(530)337-6774, MODEL 100SSK OR UNIVERSAL PRECAST MODEL # PT9636-AG OR ARCHITECTURAL PRECAST MODEL #TB02

ALL EDGES TO HAVE 1/4" RADIUS MINIMUM; MANUFACTURING TOLERANCE +/- 1/8". COLOR: PEBBLE; CONCRETE TEXTURE: T1 SMOOTH; FINISH SEALER, ANTI-GRAFFITI SEALER

- NOTES:
1. INSTALL PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
 2. SUBMIT SHOP DRAWINGS PRIOR TO BEGINNING ANY CONSTRUCTION.
 3. PICNIC TABLE MUST BE WHEELCHAIR ACCESSIBLE AT BOTH ENDS AND MUST MEET ADA REQUIREMENTS
 4. SEATING BENCHES SHALL HAVE RAISED EDGE PROTRUSIONS (ANTI GRIND BUMPS EQUALLY SPACED ALONG SEAT) TO DETER SKATEBOARDERS. BOLTED OR GLUED ATTACHMENTS OR RECESSED GROOVES ARE NOT PERMITTED.
 5. STEEL REINFORCED CONCRETE MIX DESIGN OF AT LEAST 8.5 SACK PORTLAND CEMENT PER CUBIC YARD AND 28 DAY CURED COMPRESSIVE STRENGTH OF 7,000 P.S.I. MINIMUM.
 6. MANUFACTURERS:
A. OUTDOOR CREATIONS INC., MODEL #100-SSK, P.O. BOX 50, ROUND MOUNTAIN, CA 96084, PH: 530/337-6774, FAX: 530/337-6675
B. UNIVERSAL PRECAST INC., MODEL #PT9636-AG
C. ARCHITECTURAL PRECAST, INC., MODEL #TB02

A TRASH RECEPTACLE

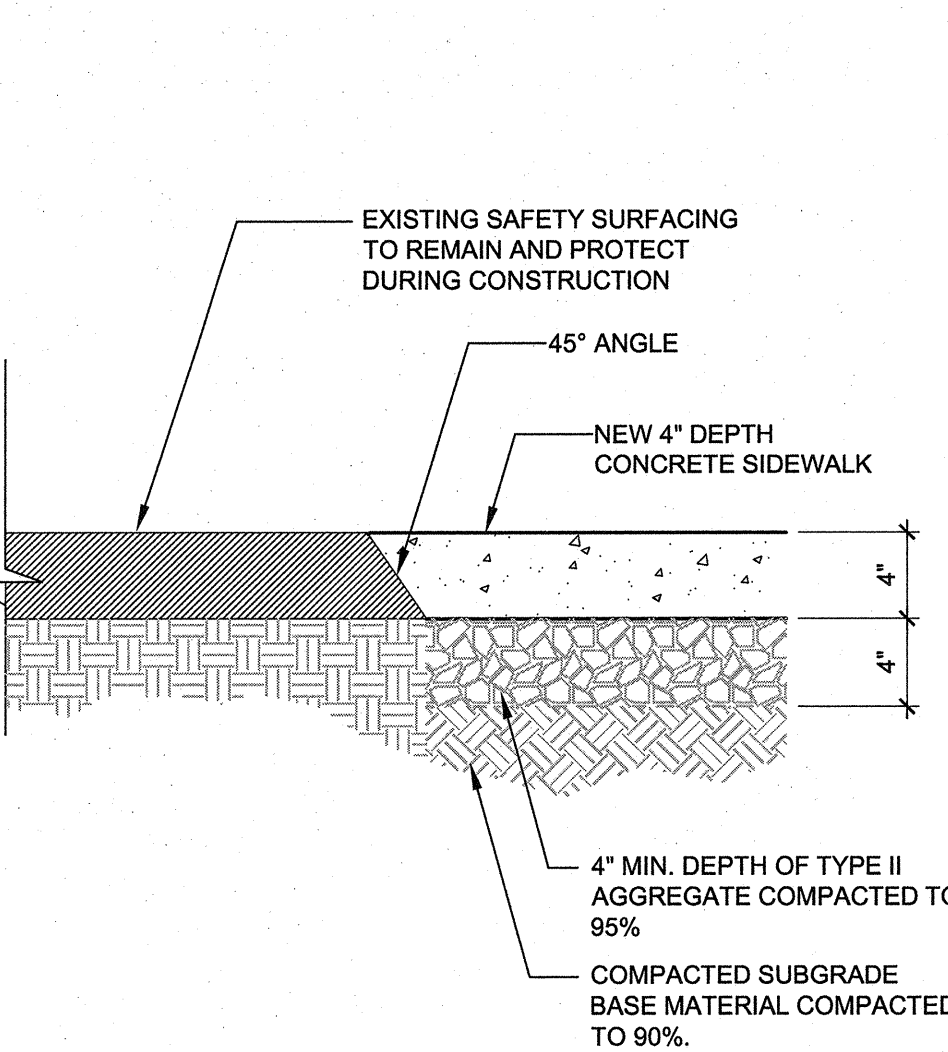
NTS



- BARBEQUE SETUP TABLE: FOR USE IN 36" RAMADAS
1. STEEL REINFORCED CONCRETE MIX DESIGN OF AT LEAST 8.5 SACK PORTLAND CEMENT PER CUBIC YARD AND 28 DAY CURED COMPRESSIVE STRENGTH OF 7,000 P.S.I. MINIMUM.
 2. MANUFACTURER: OUTDOOR CREATIONS, INC., MODEL #102 VAUSAU TILE # CUST 96x31
 3. COLOR: TO MATCH EXISTING BENCHES AND TABLES; CONCRETE TEXTURE: T1 SMOOTH, FINISH SEALER, ANTIGRAFFITI SEALER
 4. EXPOXY IN PLACE
- ALL EDGES TO HAVE 1/4" RADIUS MINIMUM; MANUFACTURING TOLERANCE +/- 1/8"

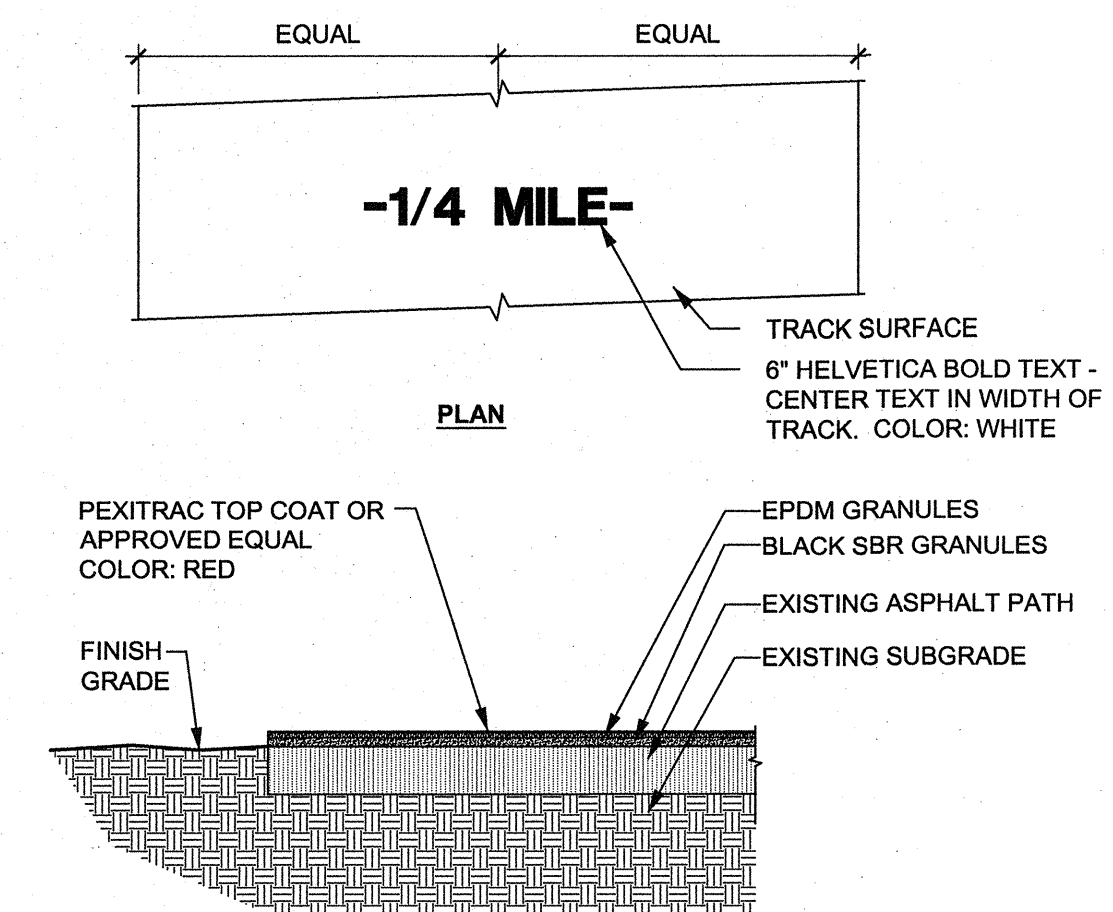
L MAINTENANCE PATH

NTS



I BENCH

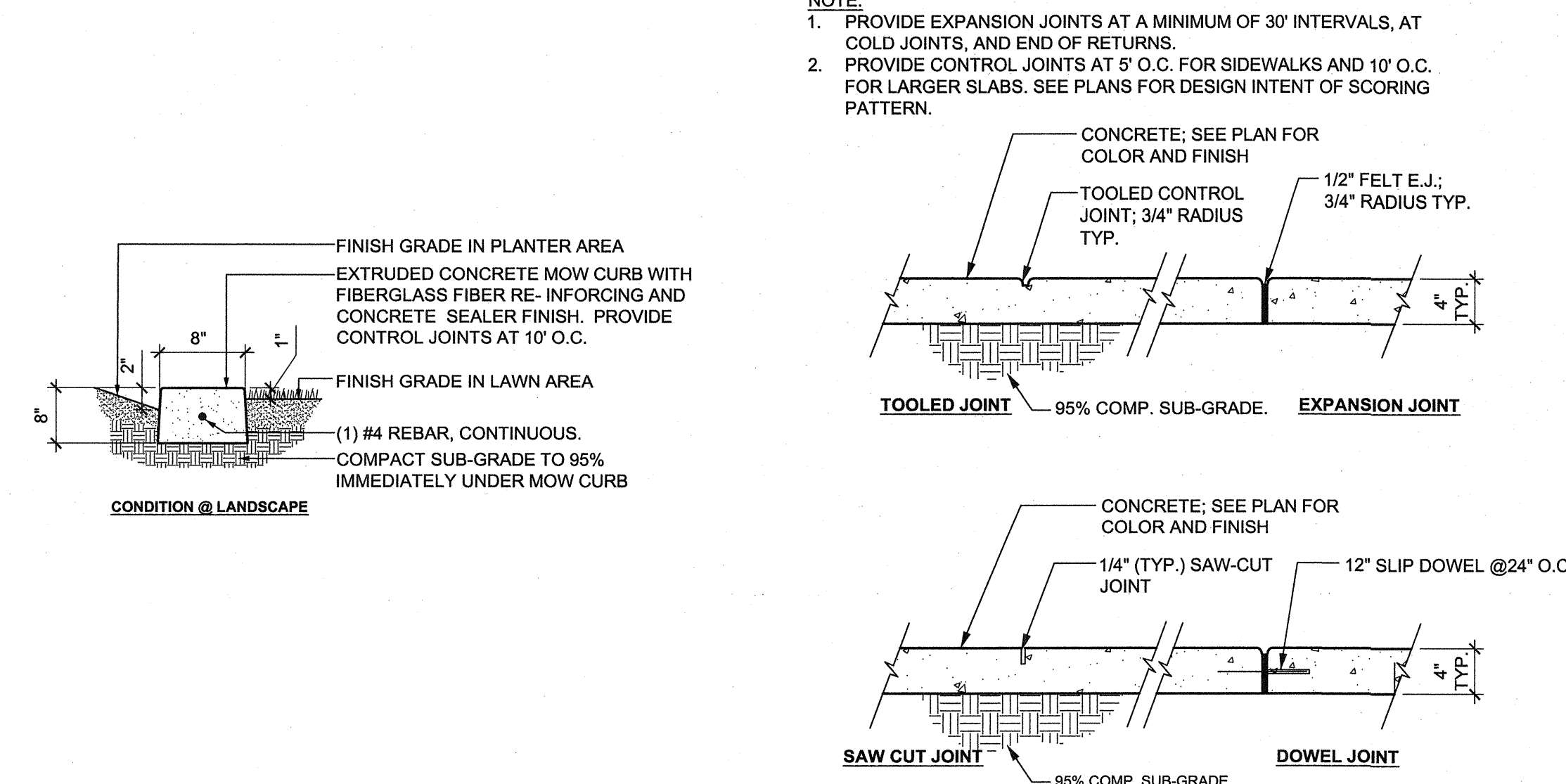
NTS



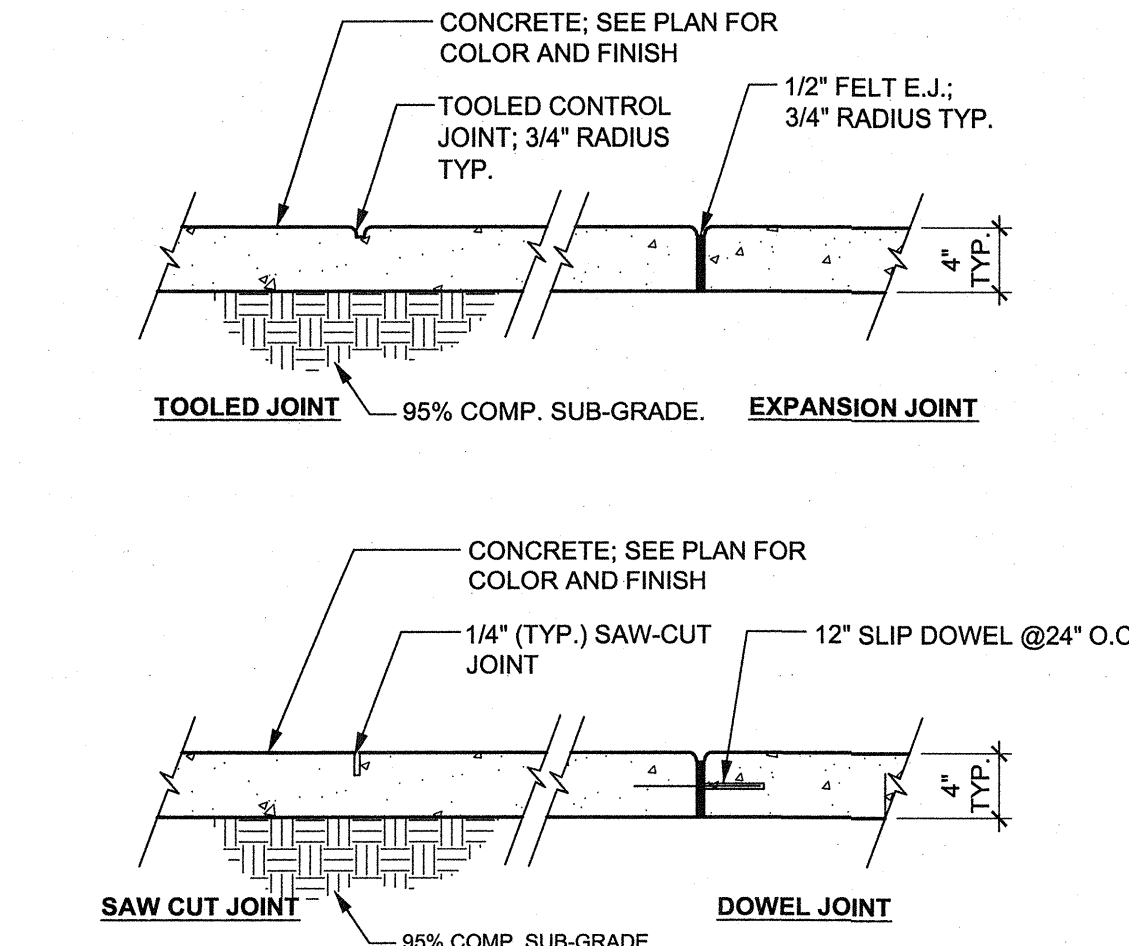
- NOTES:
1. DESIGN INTENT BASED ON PLEXITRACK ACCELERATOR SYSTEM BY PLEXIPAVE (775) 829-0719 OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
 2. CONTRACTOR SHALL ENSURE THE TRACK MEETS ADA REGULATIONS.
 3. TRACK SURFACING THICKNESS MAY VARY TO ENSURE THE CROSS SLOPE OF ENTIRE TRACK DOES NOT EXCEED 2% CROSS SLOPE
 4. PAINT 1/4 MILE MARKERS ON TRACK SURFACE PER PLEXIPAVE RECOMMENDATIONS.

E PICNIC TABLE

NTS

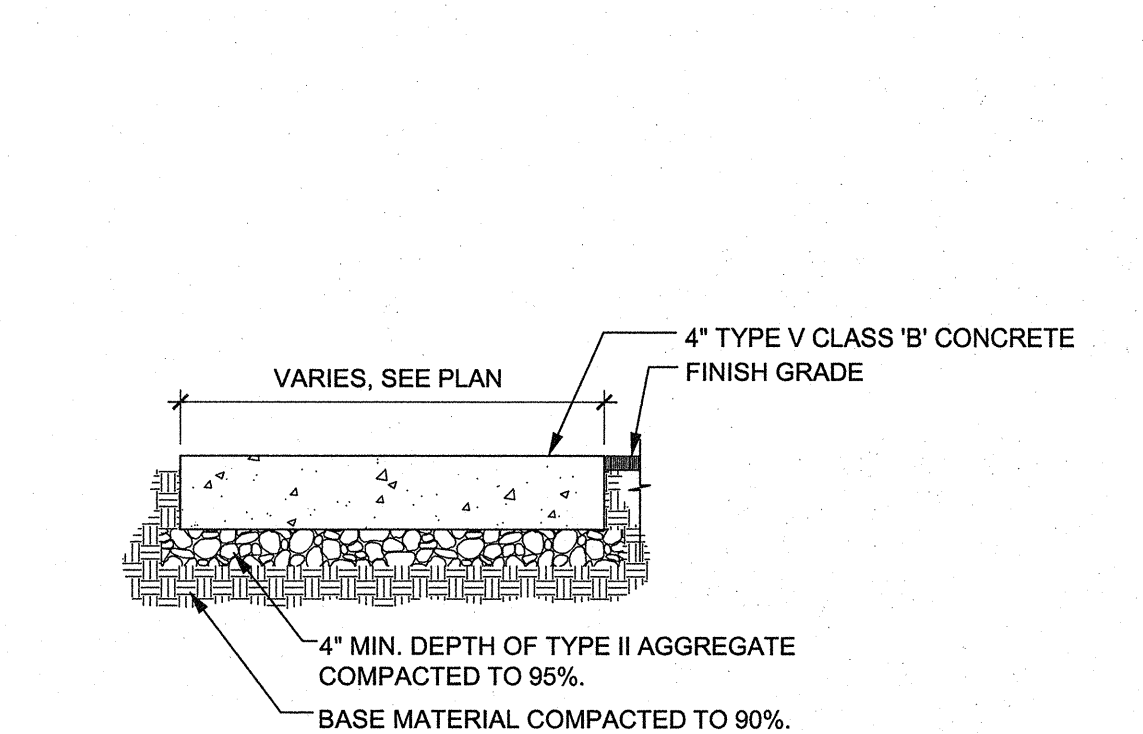


- NOTE:
1. PROVIDE EXPANSION JOINTS AT A MINIMUM OF 30' INTERVALS, AT COLD JOINTS, AND END OF RETURNS.
 2. PROVIDE CONTROL JOINTS AT 5' O.C. FOR SIDEWALKS AND 10' O.C. FOR LARGER SLABS. SEE PLANS FOR DESIGN INTENT OF SCORING PATTERN.



B SETUP TABLE

NTS



M WALK AT EX. SURFACING

NTS



J TRACK SURFACING

NTS



G MOW CURB

NTS



F CONSTRUCTION JOINTS

NTS



C CONCRETE WALK/SLAB

NTS



REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

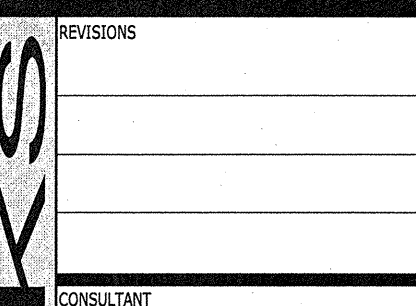
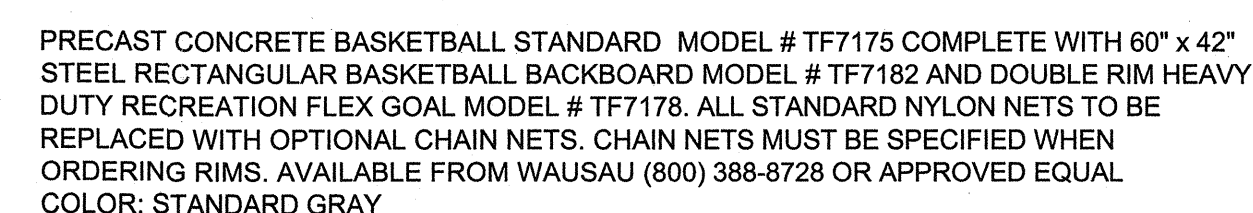
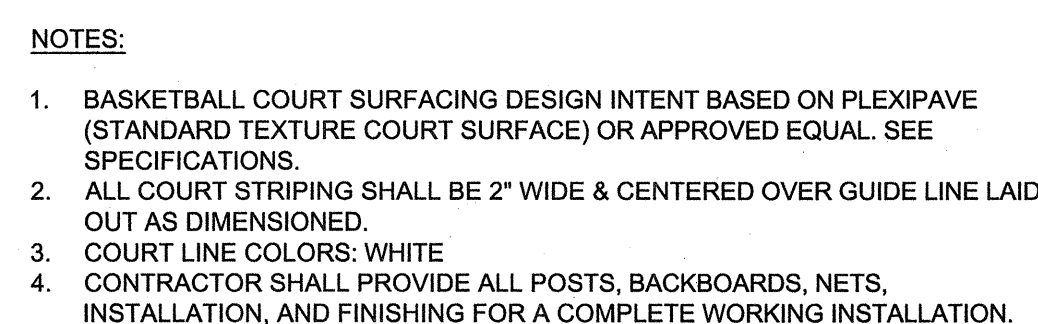
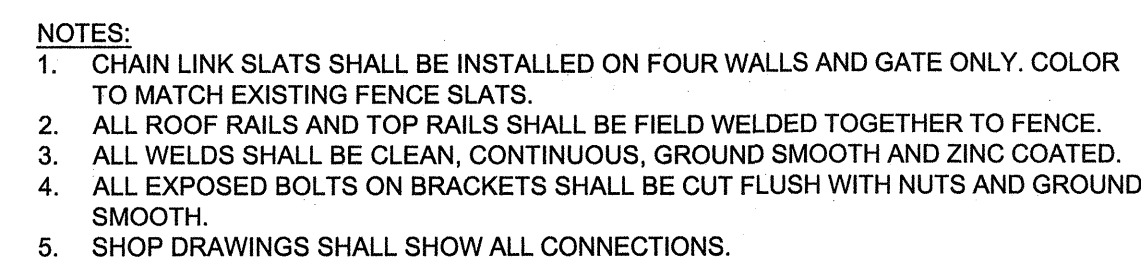
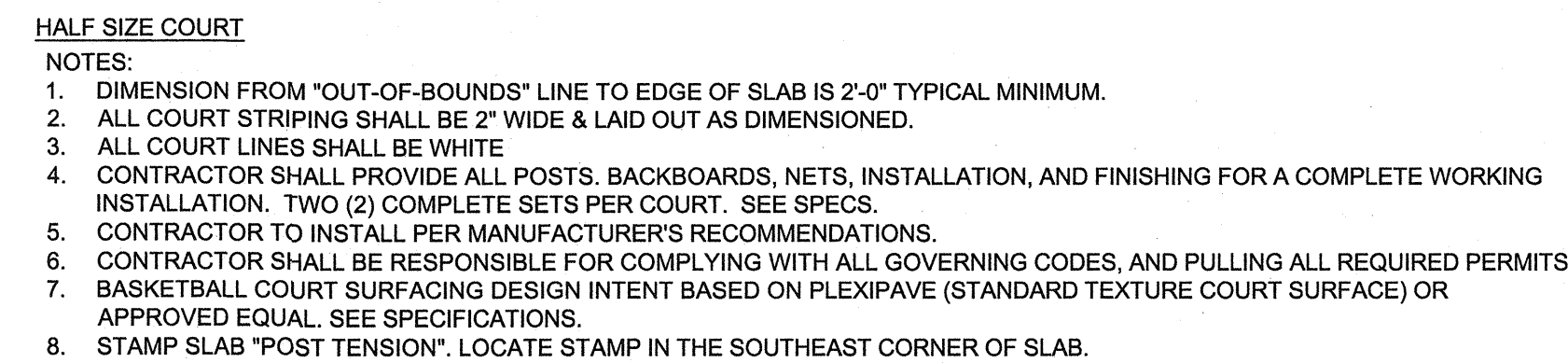
CONSULTANT

REVISIONS

CONSULTANT

REVISIONS

CONSULTANT

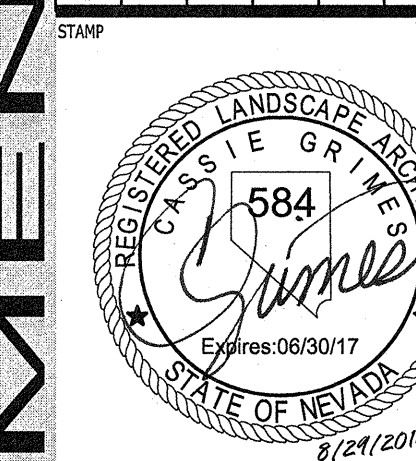


southwick
LANDSCAPE ARCHITECTS

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

CITY OF LAS VEGAS
BILL BRIARE FAMILY PARK IMPROVEMENTS
650 N. TENAYA WAY

HARDSCAPE DETAILS

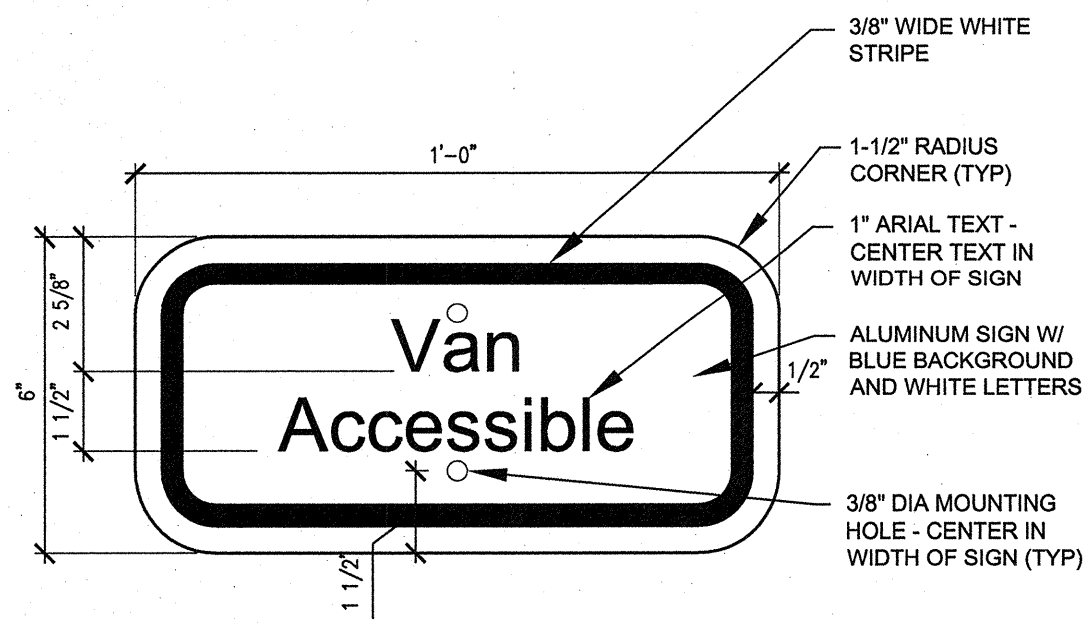


OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89101
PHONE: (702) 229-6500
FAX: (702) 384-4800
TDD: (702) 386-9100

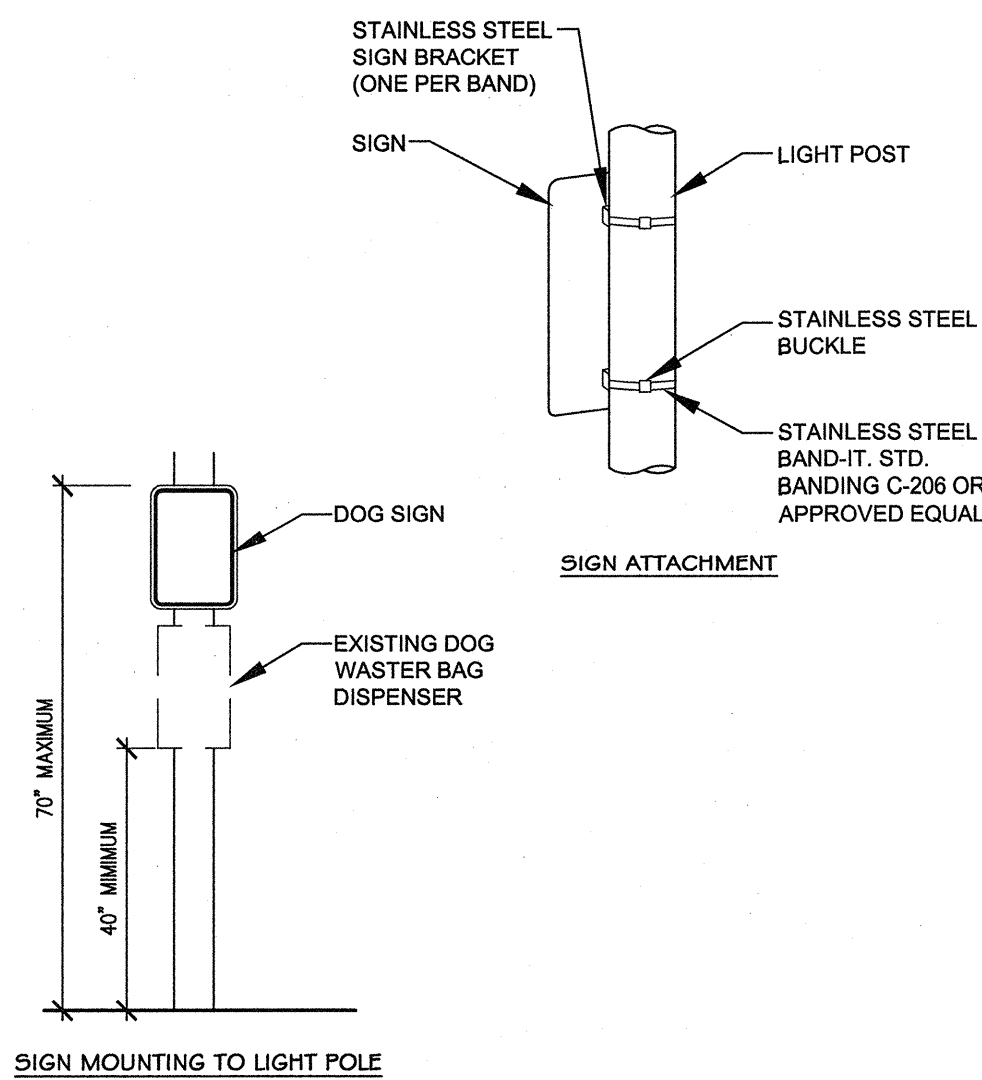
DRAWN	CLG
FILE	16-001
DATE	August 29, 2016
SCALE	
BID NO	15.59815DC
CLV DWG NO	650.90-2
HANSEN #	59815
CLT NO	

L2.05



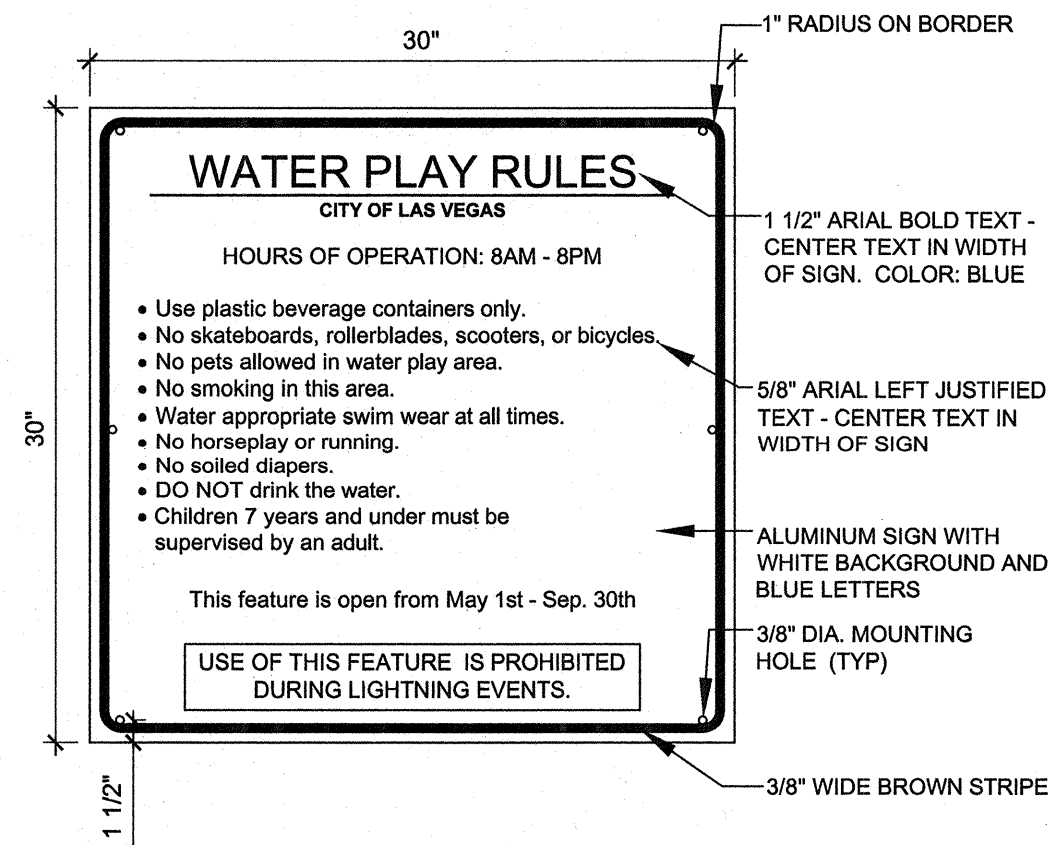
L VAN ACCESSIBLE SIGN

NTS



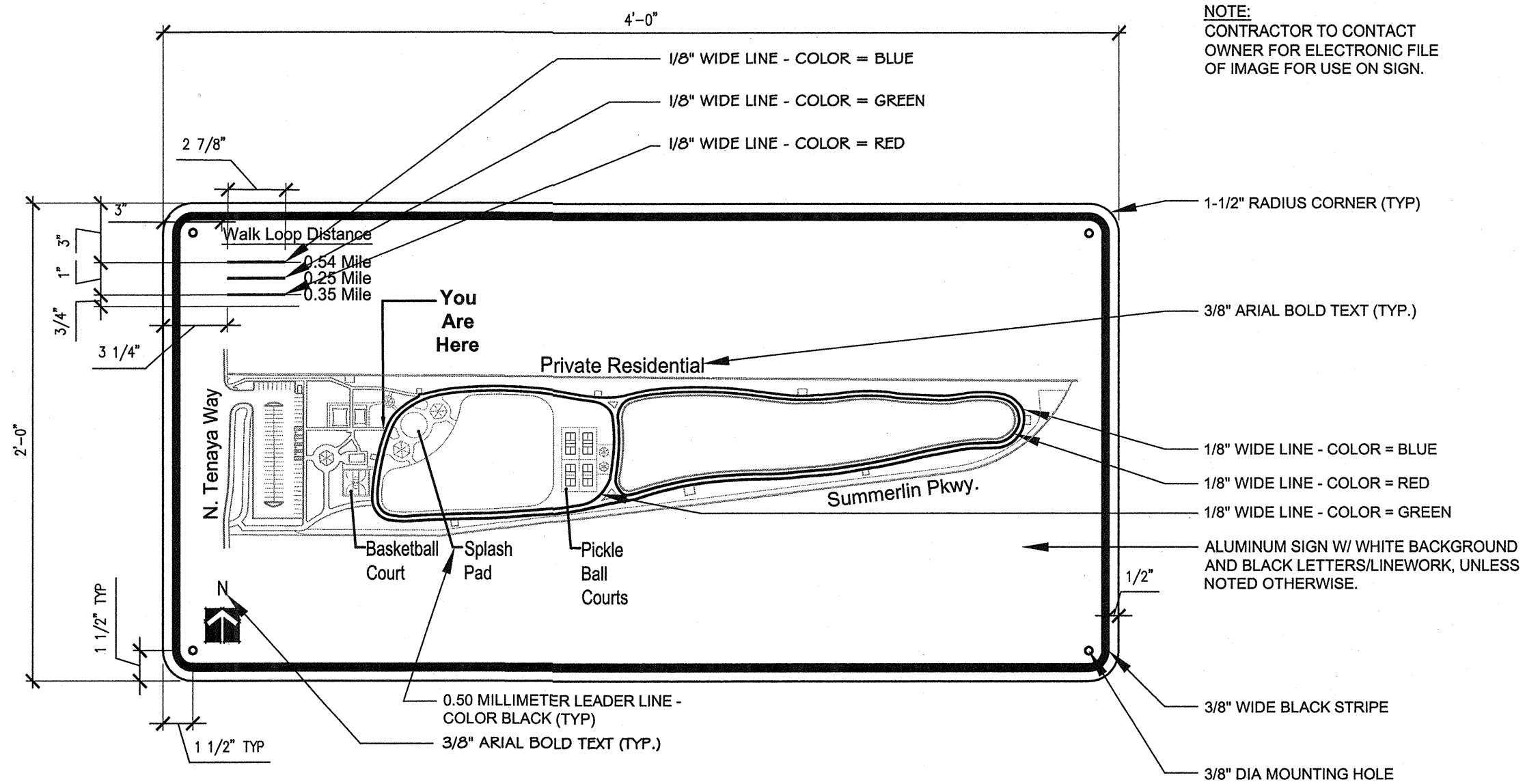
I SIGN MOUNTING TO POLE

NTS



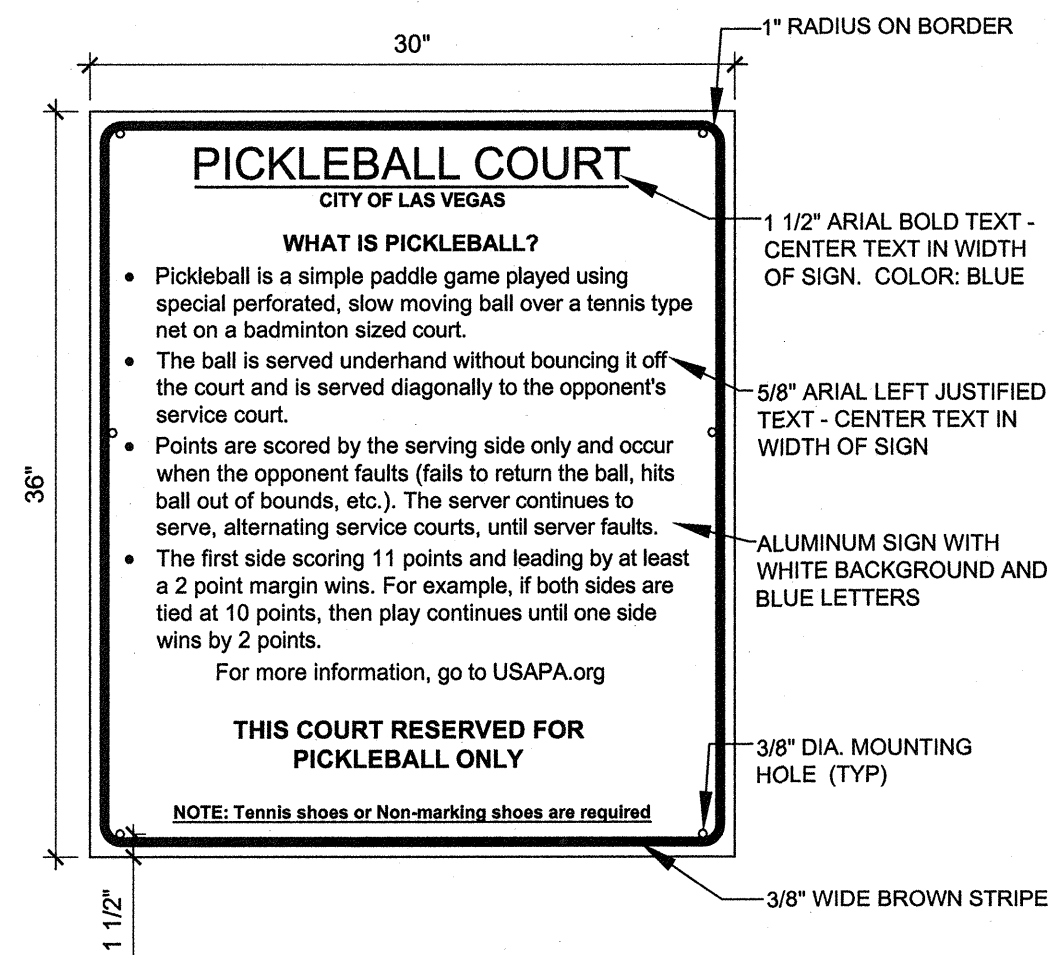
F WATER PLAY SIGN

NTS



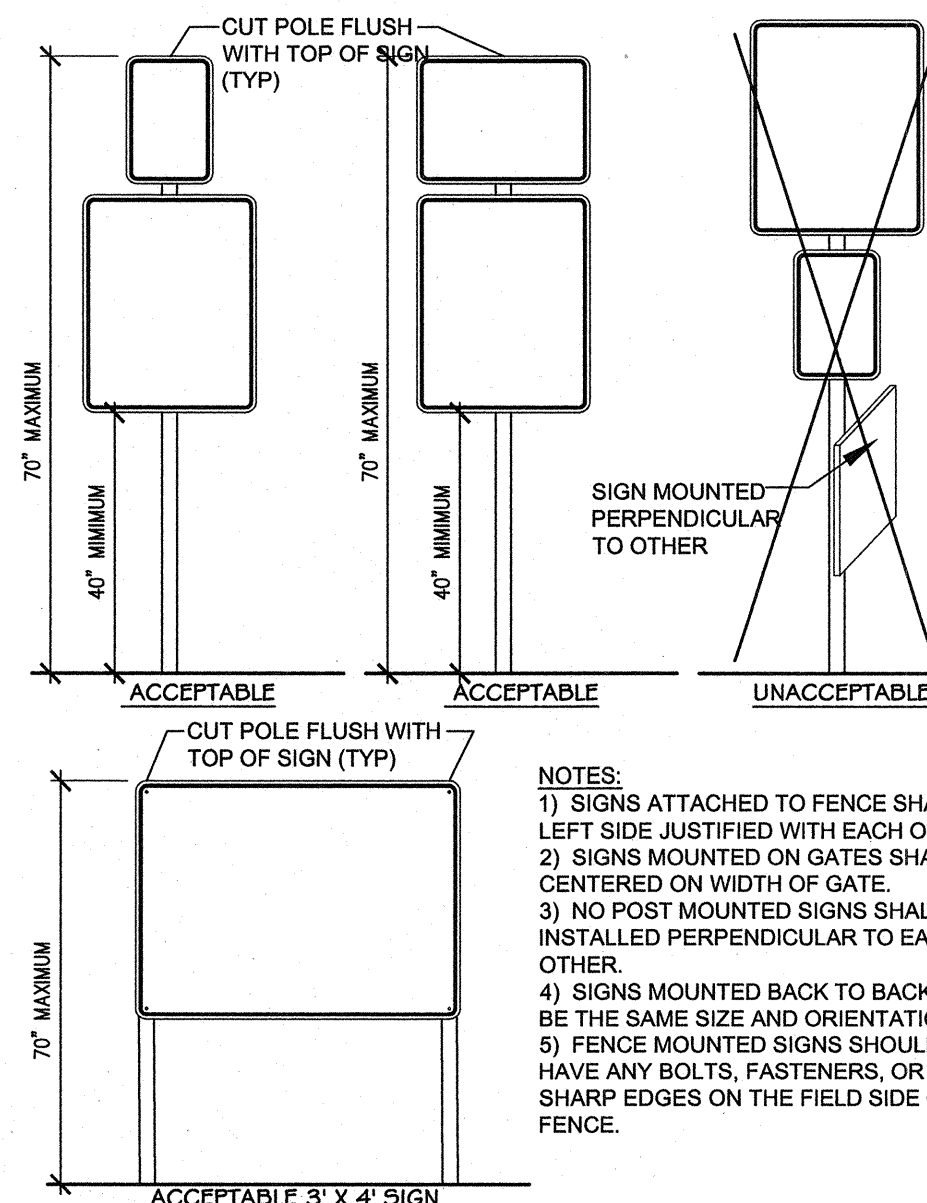
A WALK LOOP TRAIL SIGN

NTS



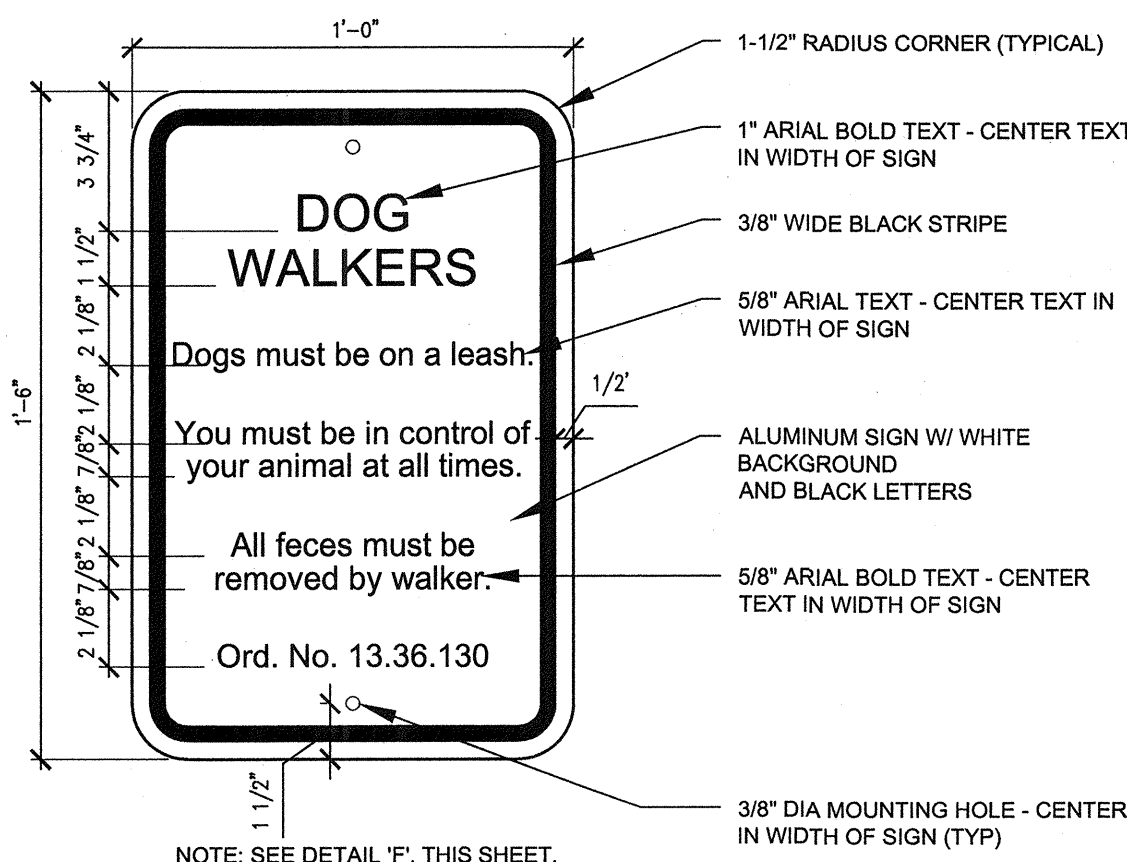
J COURT SIGN

NTS



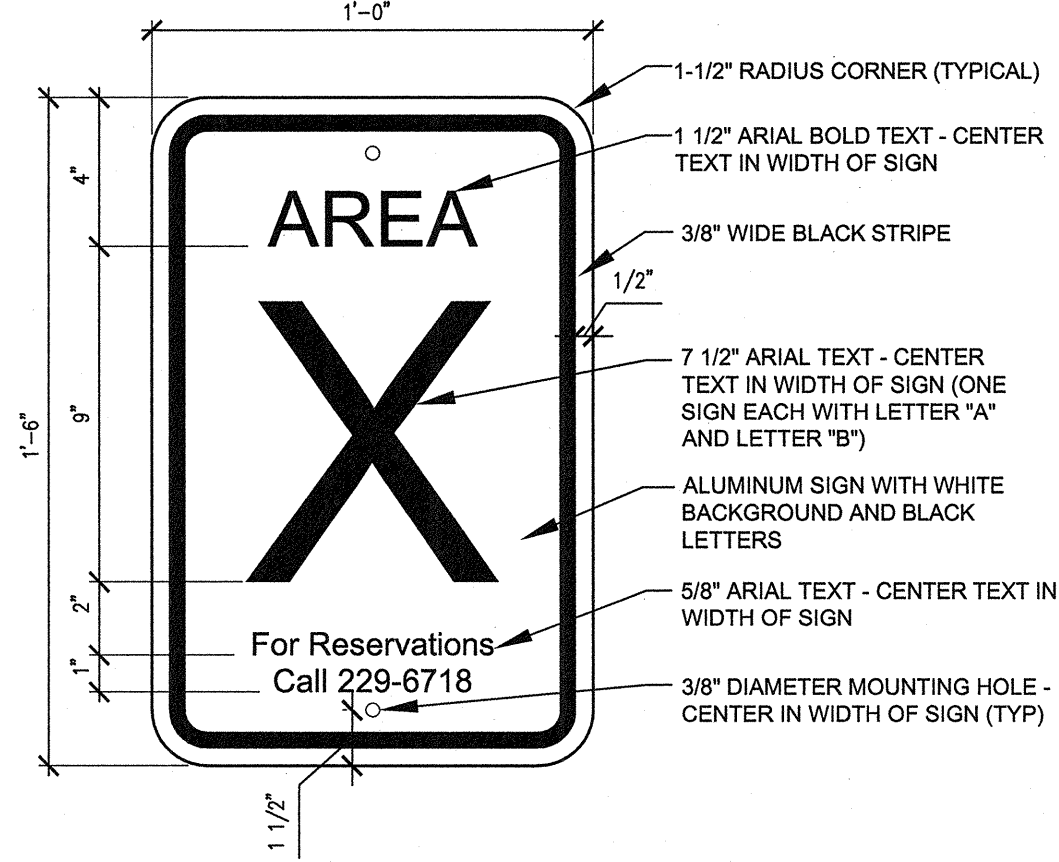
G SIGN MOUNTING

NTS



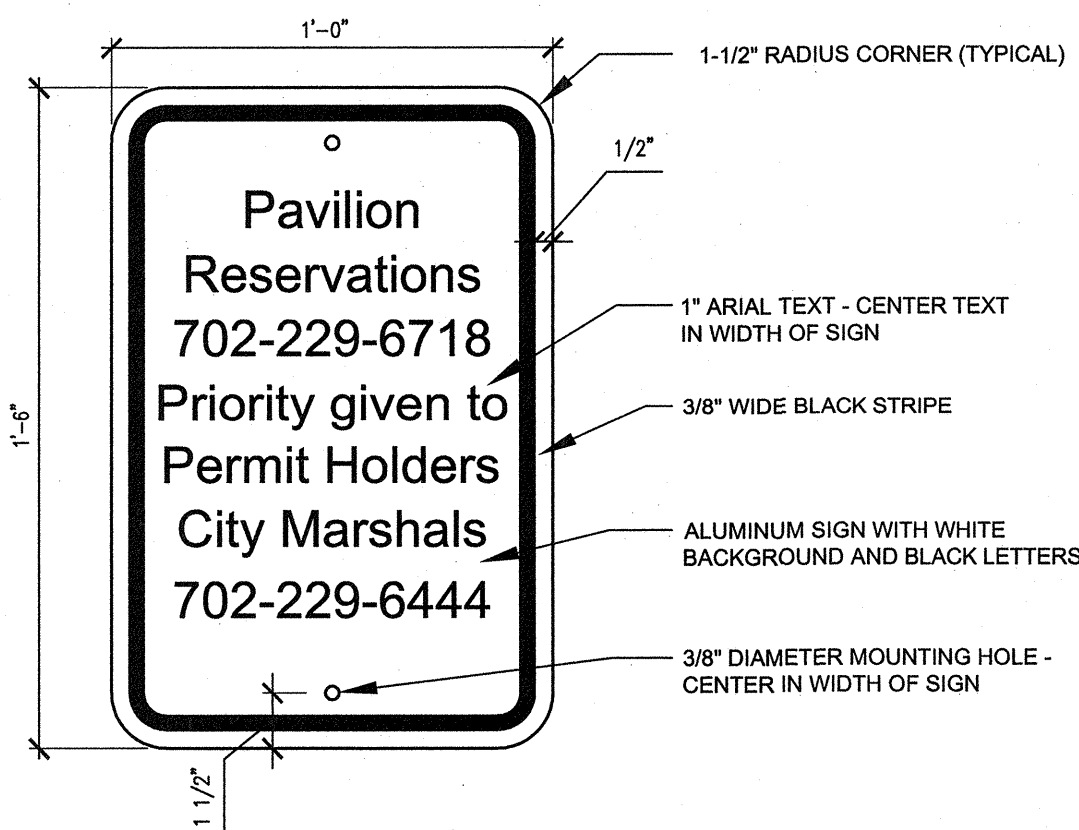
D DOG SIGN

NTS



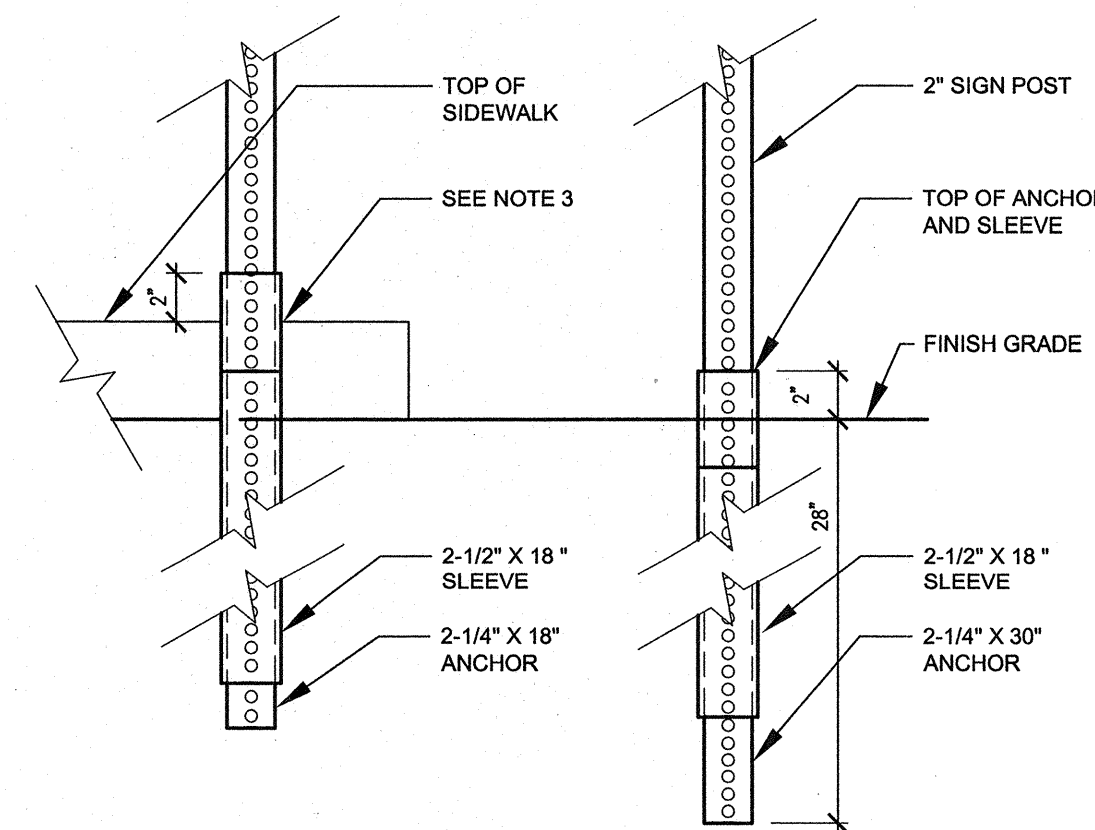
B SHELTER SIGN

NTS



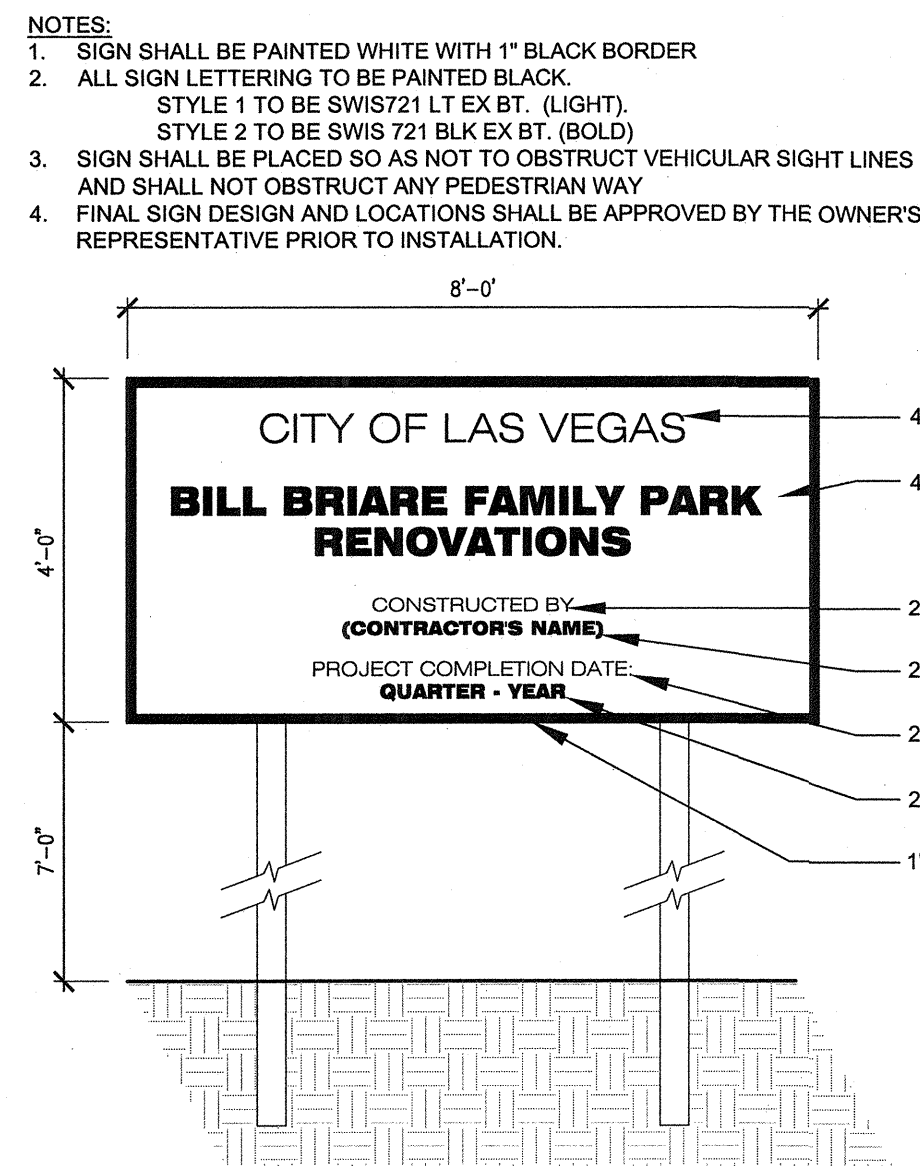
K RESERVATION SIGN

NTS



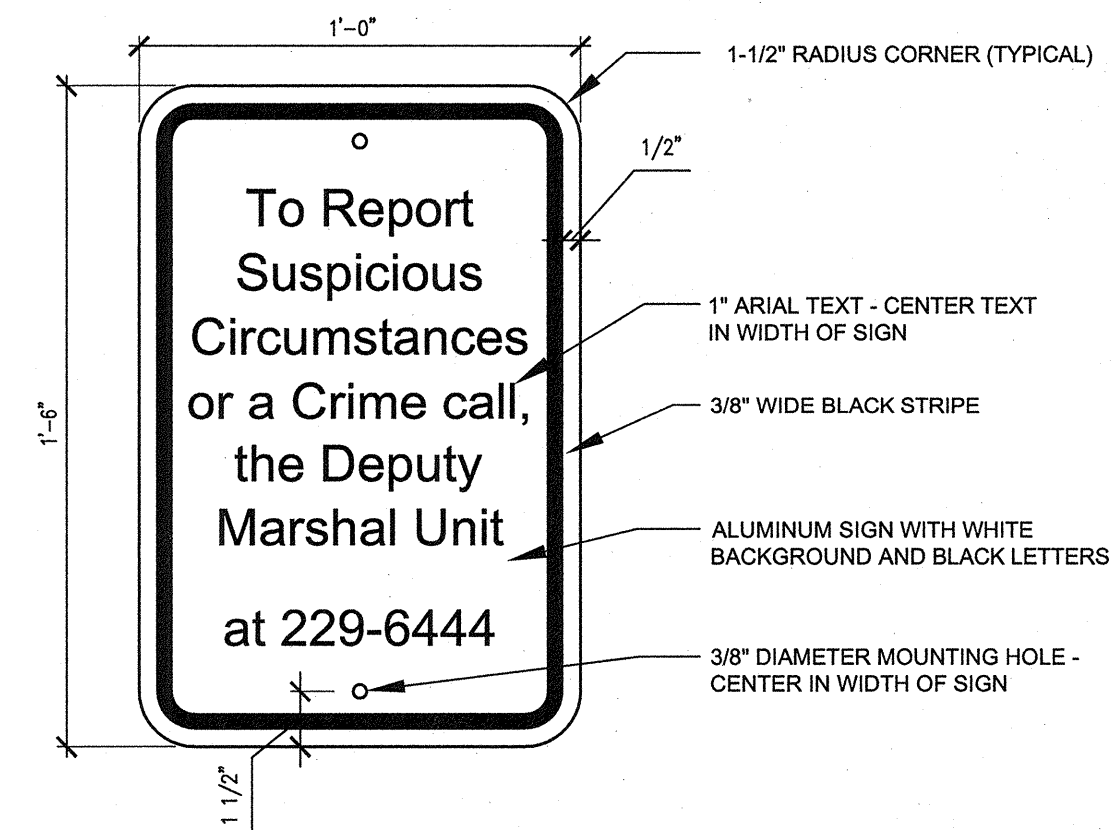
H SIGN POST

NTS



E PROJECT SIGN

NTS



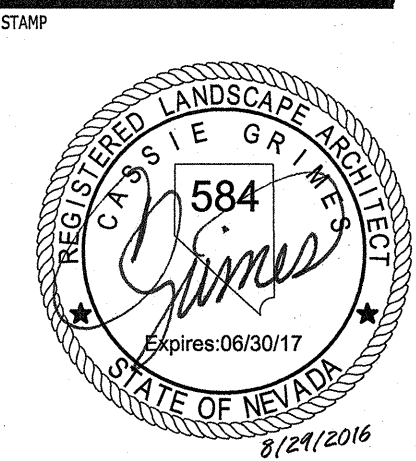
C VANDALISM SIGN

NTS



REVISIONS
CONSULTANT
southwick
LANDSCAPE ARCHITECTS
1700 W Horizon Ridge Pkwy, Suite 203 702.897.3108
Henderson NV 89012 www.southwickla.com

CITY OF LAS VEGAS
BILL BRIARE FAMILY PARK IMPROVEMENTS
650 N. TENAYA WAY
HARDSCAPE DETAILS



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: CLG
FILE: 16-001
DATE: August 23, 2016
SCALE:
BID NO: 1559815DC
CLV DWG NO: 650.30-2
HATCHER #: 59815
SIT NO:

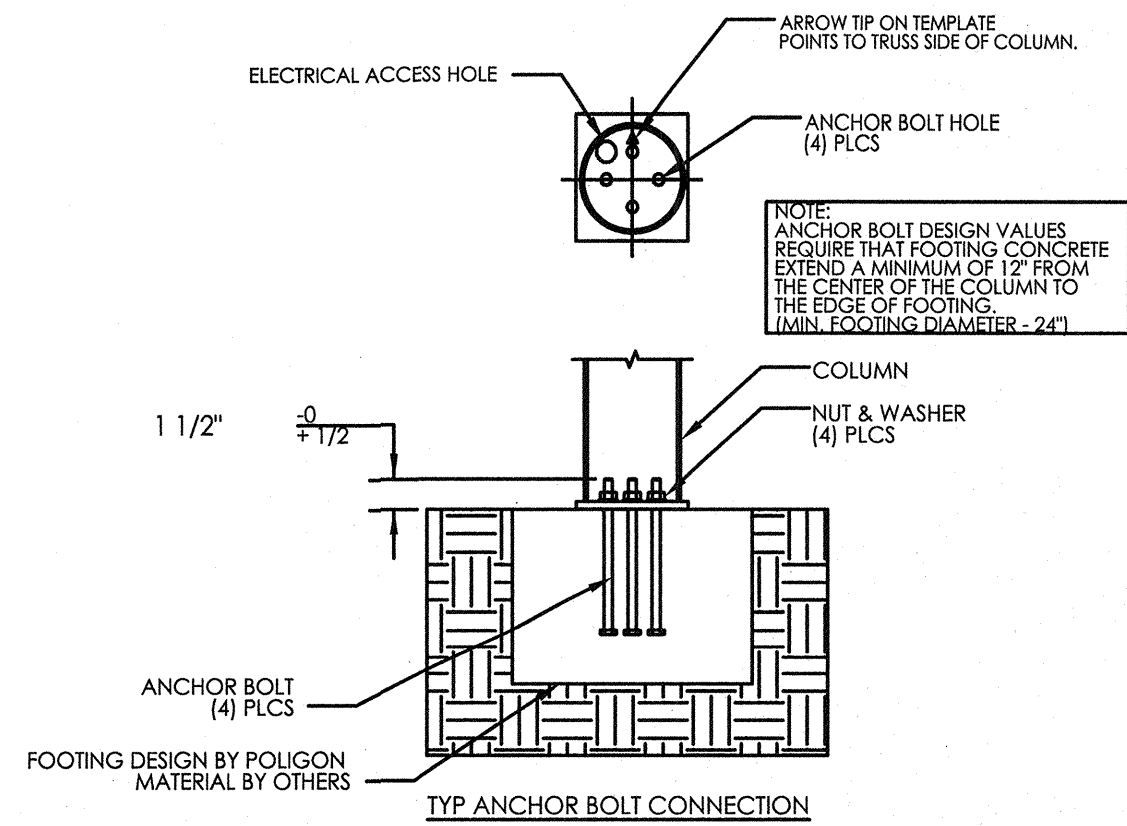
L2.06

NOTICE TO BIDDERS

- PROSPECTIVE BIDDERS SHALL NOTE THAT THE PLANS FOR THIS SHADE SHELTER HAVE NOT BEEN PLAN CHECKED DUE TO THE FACT THAT SEVERAL MANUFACTURERS HAVE BEEN IDENTIFIED AS BEING ACCEPTABLE FOR USE IN THE PROJECT.
- BASED ON APPROVED PRODUCT SUBMITTALS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL REQUIRED SHOP DRAWINGS, STRUCTURAL DETAILS, FOOTING DESIGN AND OTHER NECESSARY CALCULATIONS PREPARED BY A NEVADA STATE LICENSED ENGINEER, THAT ARE REQUIRED FOR REVIEW AND APPROVAL OF THE CITY OF LAS VEGAS BUILDING DEPARTMENT (DEFERRED SUBMITTAL).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING APPLICATION, PAYING FOR AND SECURING ALL REQUIRED BUILDING DEPARTMENT PERMITS.

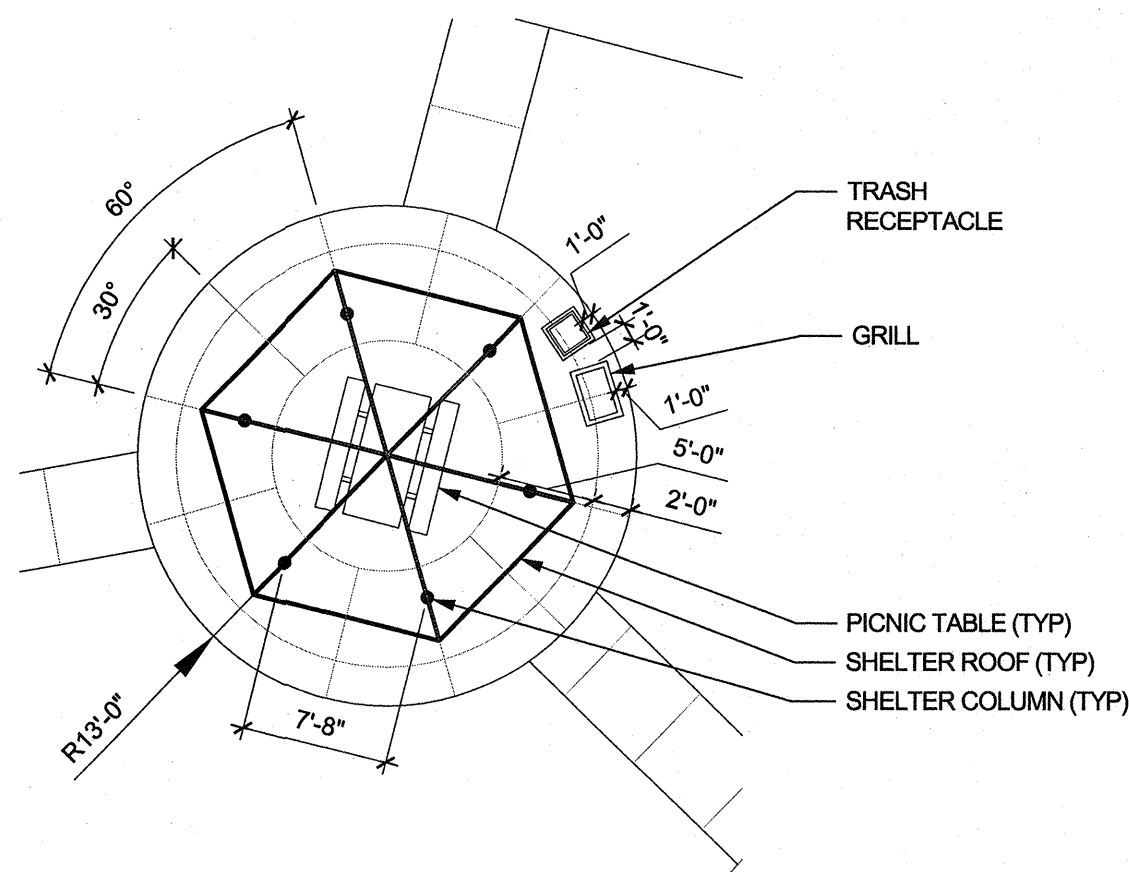
NOTES:

- SHELTER SHALL MATCH STYLE AND COLOR OF THE EXISTING SHELTER ON SITE.
- DESIGN INTENT IS BASED ON POLIGON HX6 16 WITH STANDING SEAM ROOF, TURN DOWN EAVES AND WESTMINSTER K86 COLUMNS.



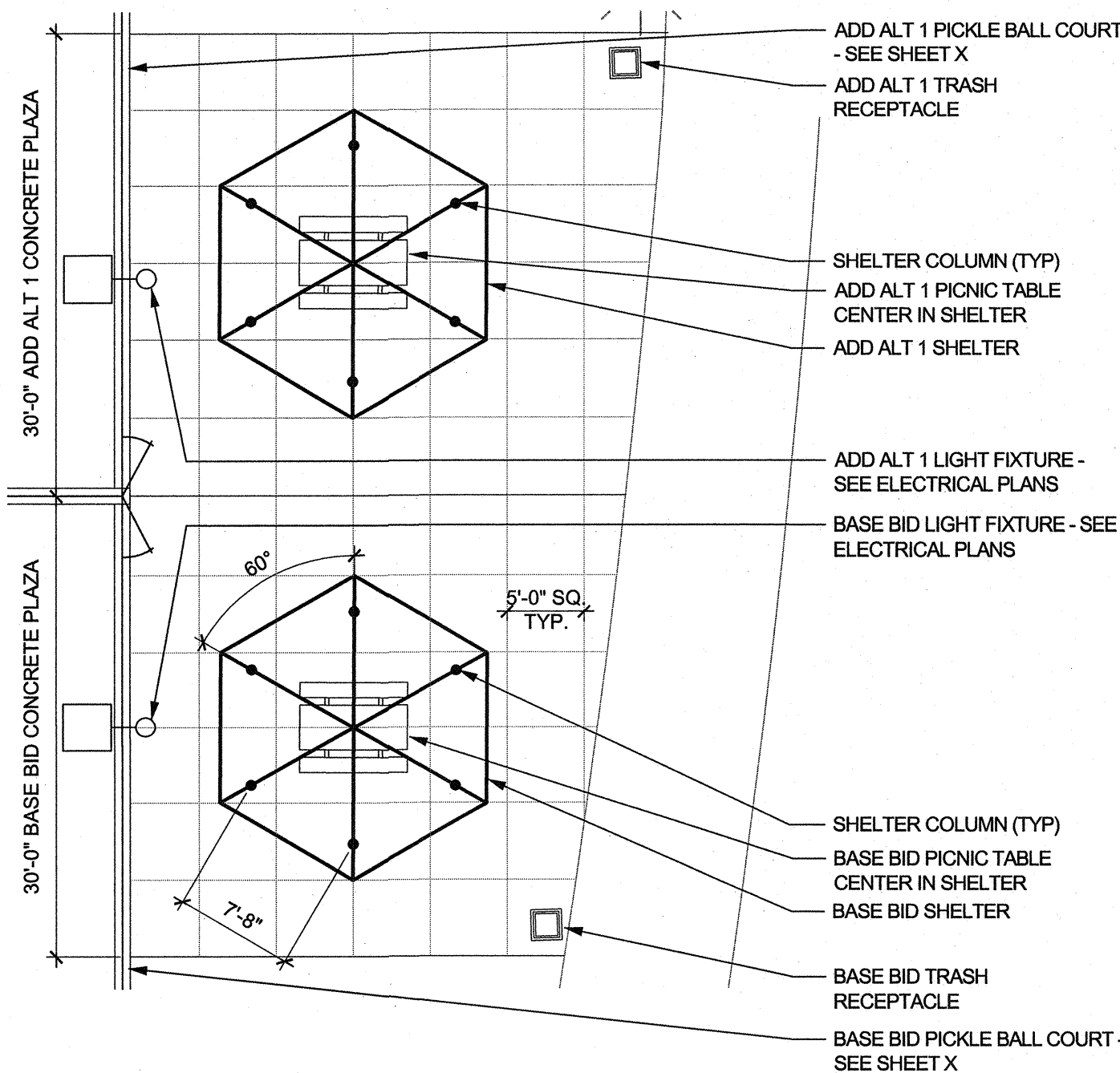
C ANCHOR BOLT

NTS



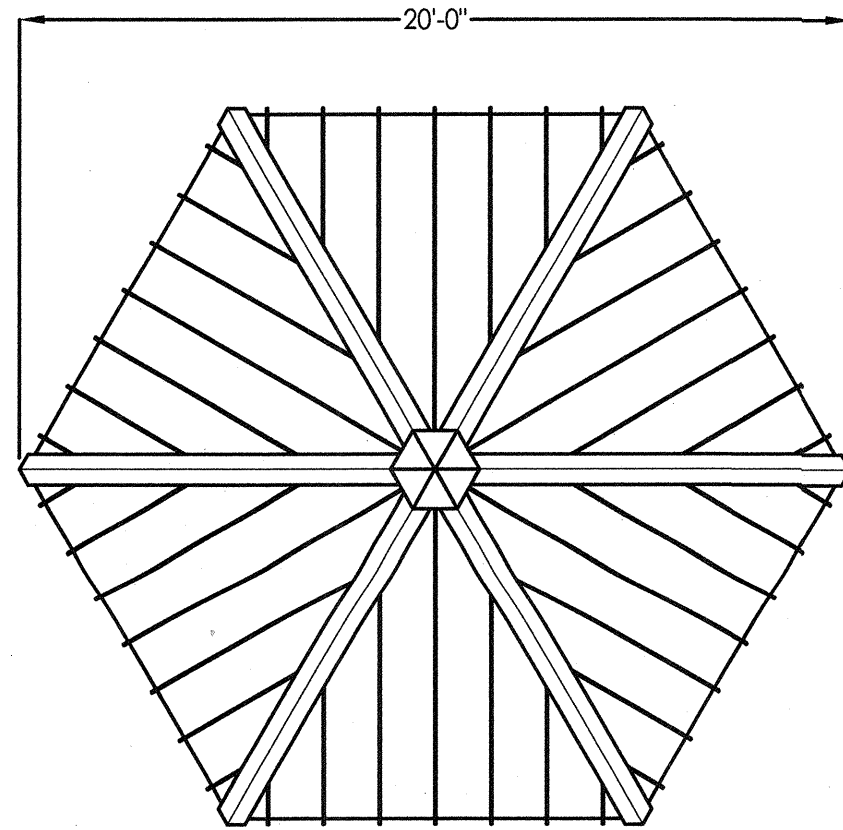
D SHELTER LAYOUT AT PLAYGROUND

NTS

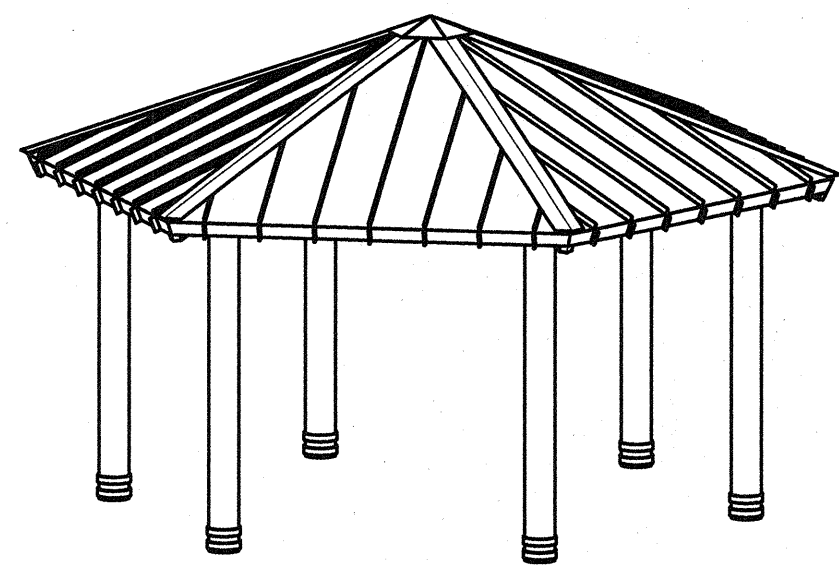


E PICKLEBALL SHELTER LAYOUT

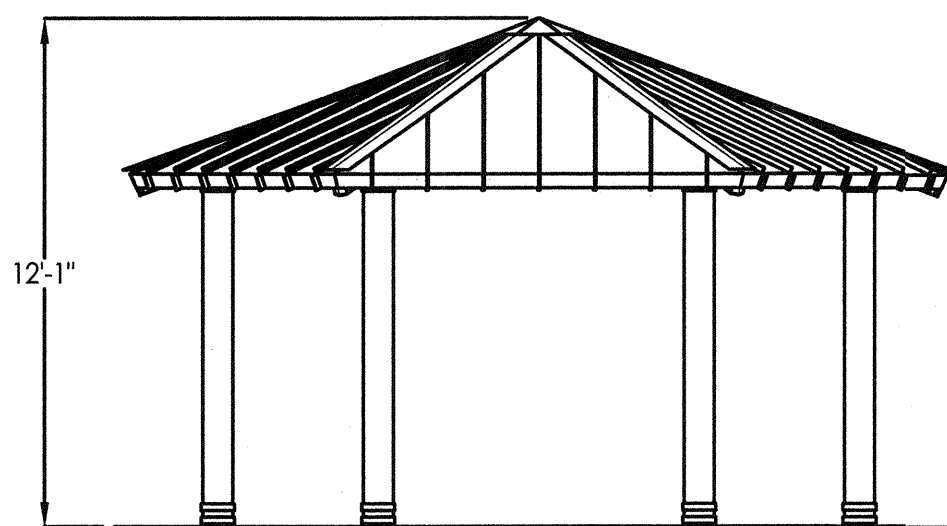
NTS



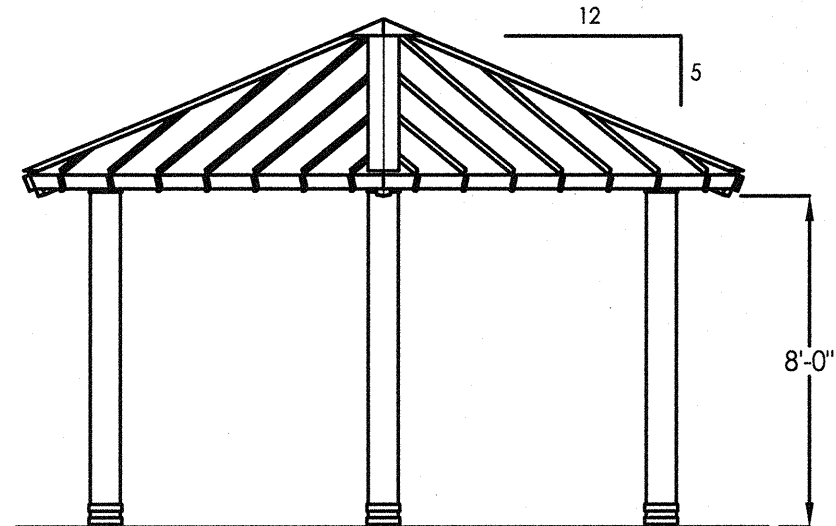
TOP VIEW



ISOMETRIC VIEW



FRONT VIEW

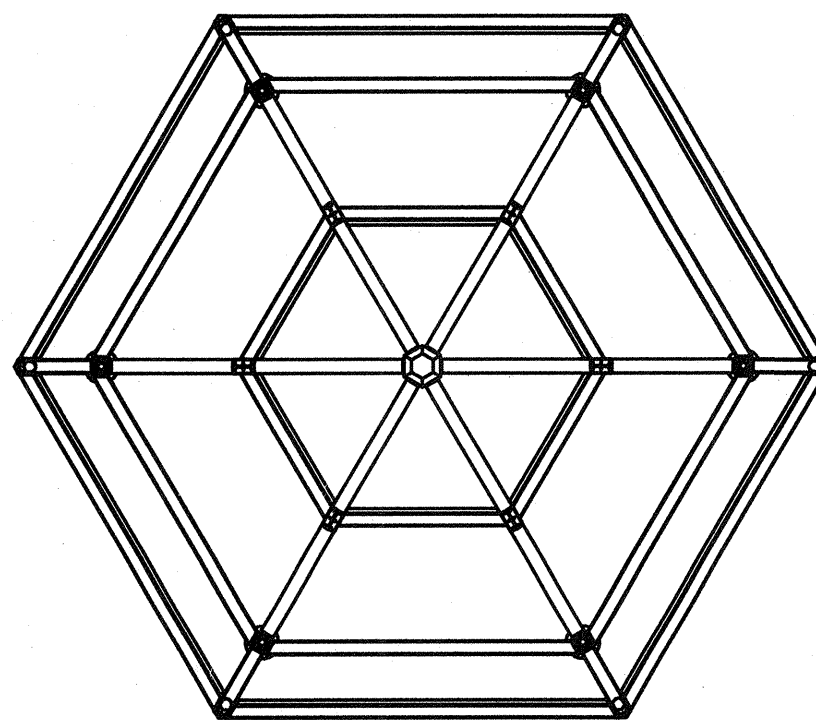


SIDE VIEW

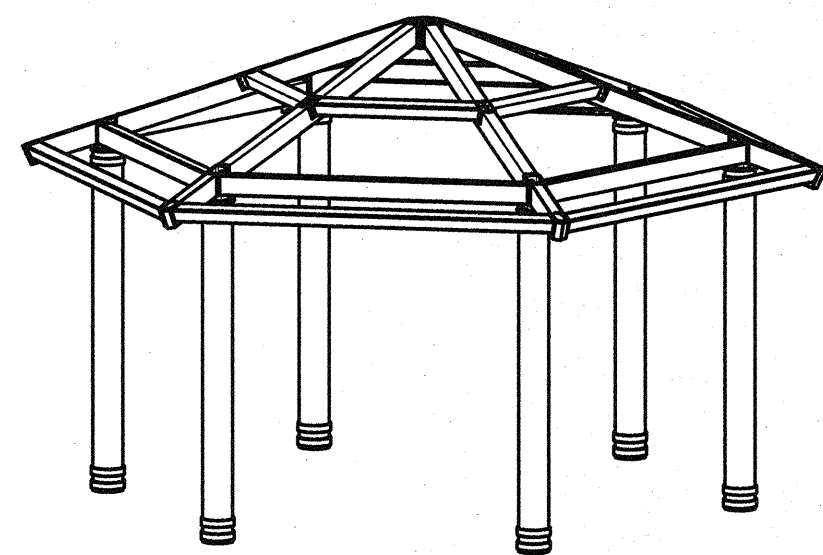
FINISH GRADE MOUNTING VARIES BASED ON ENGINEERING REQUIREMENTS.

A 20' HEXAGON SHELTER ELEVATIONS

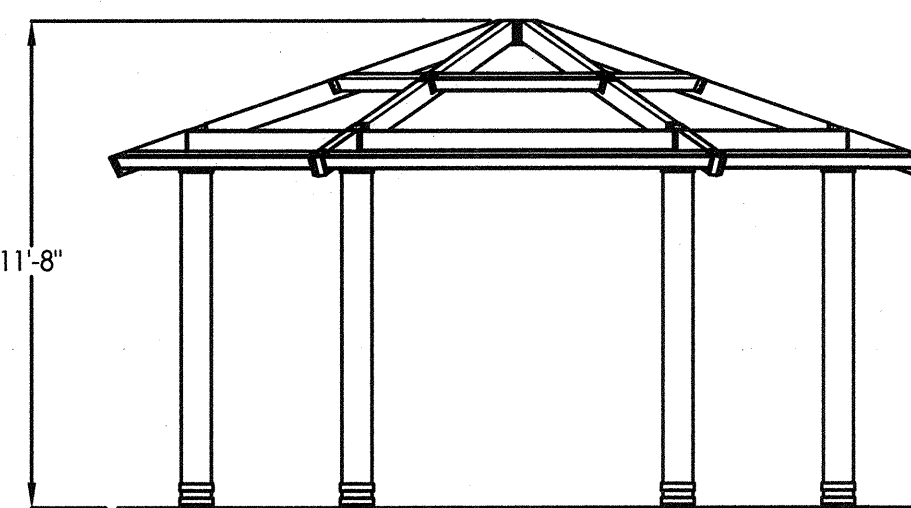
NTS



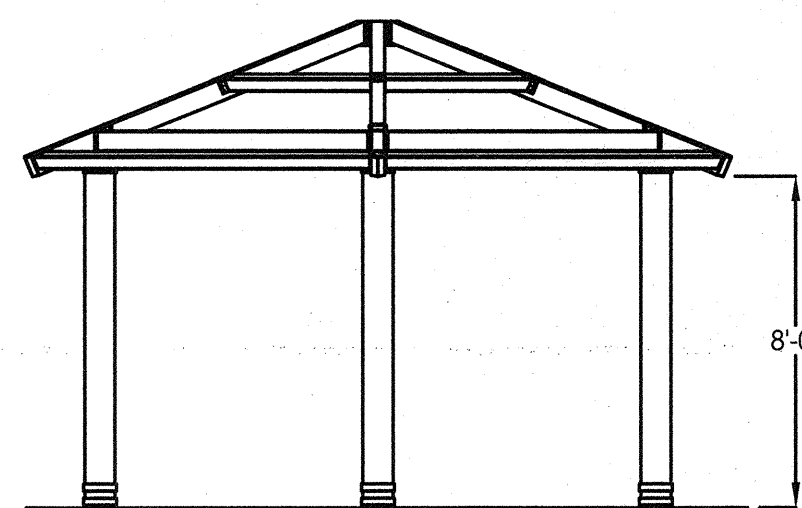
TOP VIEW



ISOMETRIC VIEW



FRONT VIEW



SIDE VIEW

FINISH GRADE MOUNTING VARIES BASED ON ENGINEERING REQUIREMENTS.

B 20' HEXAGON SHELTER FRAMING DETAIL

REVIEWED FOR CODE COMPLIANCE

JAN 03 2017 GG

CITY OF LAS VEGAS
BUILDING AND SAFETY



REVISIONS

CONSULTANT

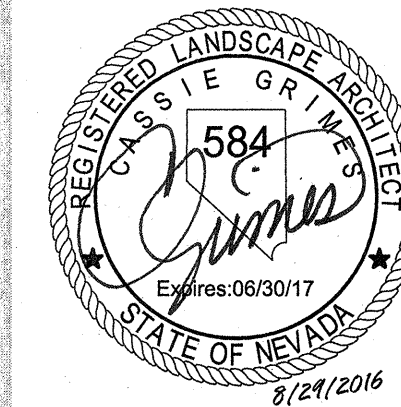
southwick
LANDSCAPE ARCHITECTS

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

CITY OF LAS VEGAS
BILL BRIARE FAMILY PARK IMPROVEMENTS
650 N. TENAYA WAY

HARDSCAPE DETAILS

STAMP



OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

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

DRAWN: CLG
FILE: 16-001
DATE: August 29, 2016
SCALE:
BID NO: 1559815DC
CLV DWG NO: 650.30-2
HANSER #: 59815
SHEET NO:

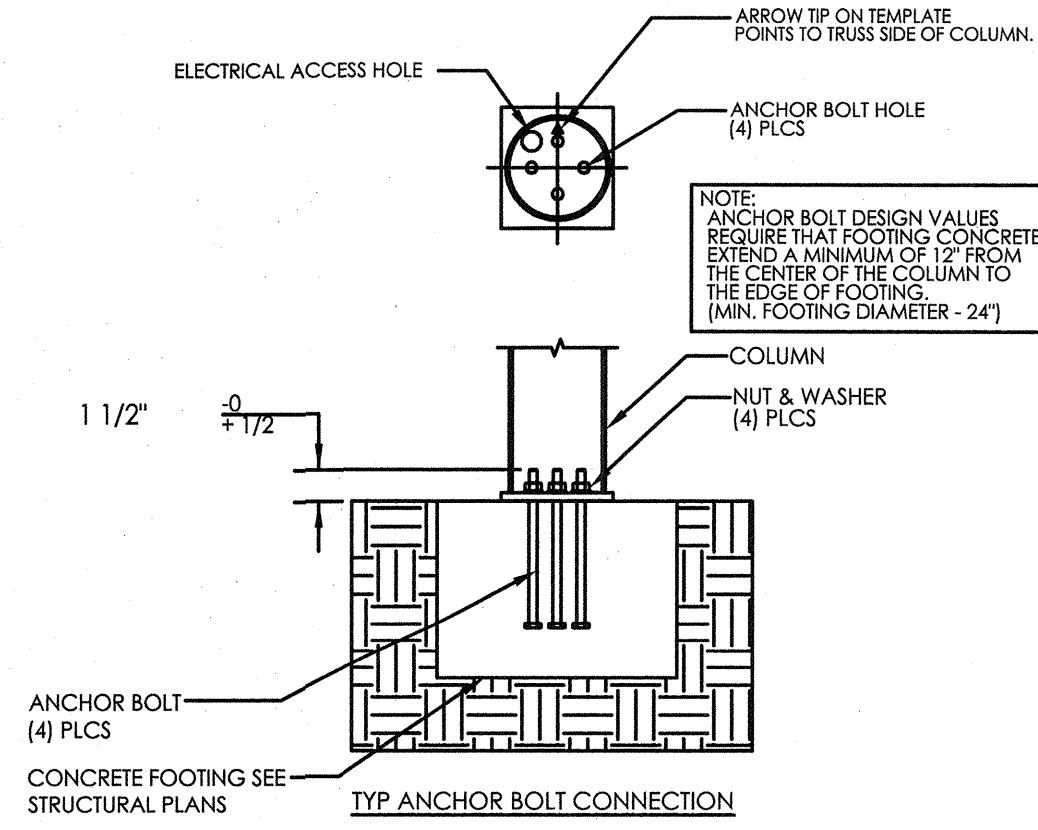
L2.07

NOTICE TO BIDDERS

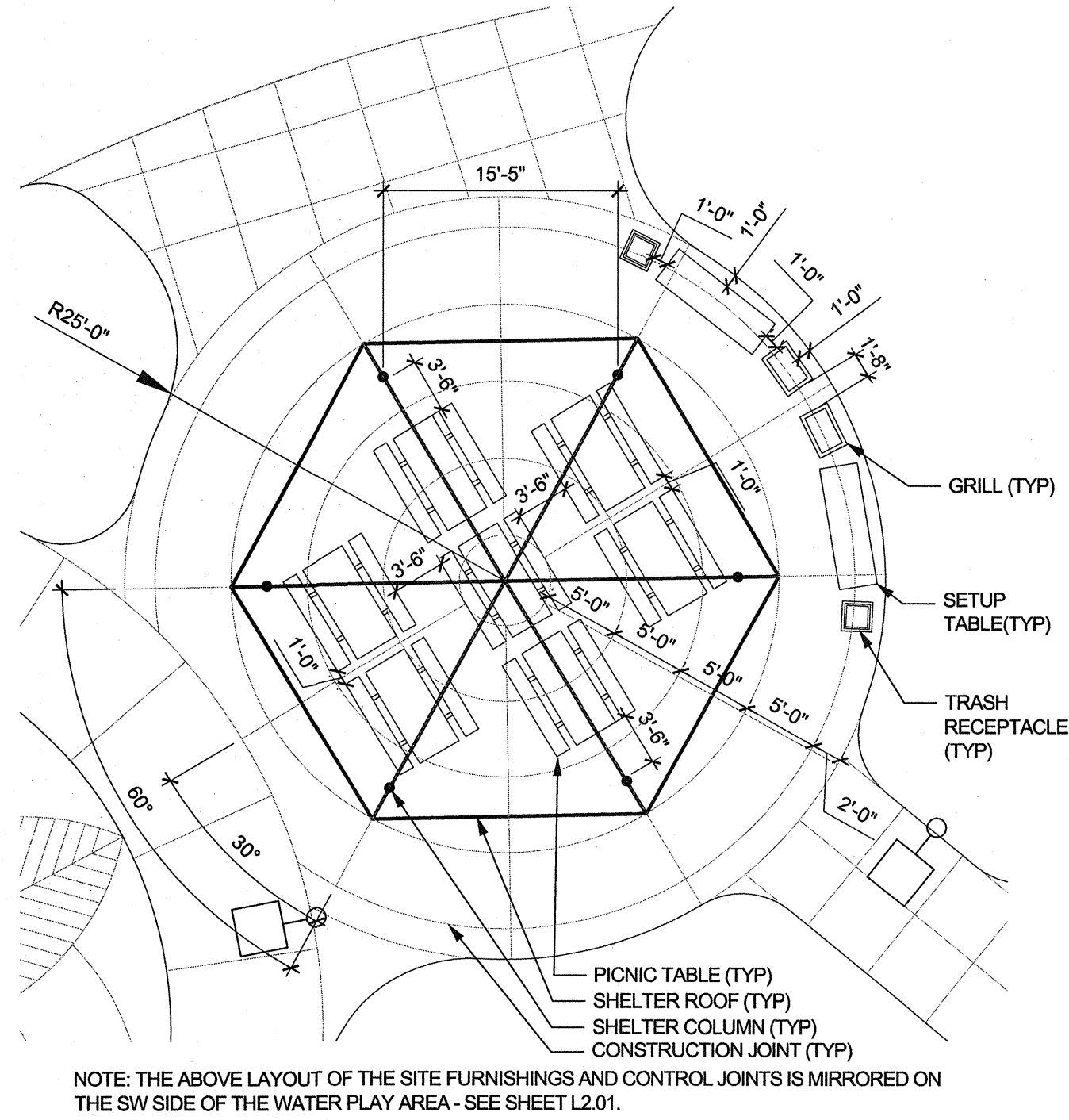
- PROSPECTIVE BIDDERS SHALL NOTE THAT THE PLANS FOR THIS SHADE SHELTER HAVE NOT BEEN PLAN CHECKED DUE TO THE FACT THAT SEVERAL MANUFACTURERS HAVE BEEN IDENTIFIED AS BEING ACCEPTABLE FOR USE IN THE PROJECT.
- BASED ON APPROVED PRODUCT SUBMITTALS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL REQUIRED SHOP DRAWINGS, STRUCTURAL DETAILS, FOOTING DESIGN AND OTHER NECESSARY CALCULATIONS PREPARED BY A NEVADA STATE LICENSED ENGINEER, THAT ARE REQUIRED FOR REVIEW AND APPROVAL OF THE CITY OF LAS VEGAS BUILDING DEPARTMENT (DEFERRED SUBMITTAL).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING APPLICATION, PAYING FOR AND SECURING ALL REQUIRED BUILDING DEPARTMENT PERMITS.

NOTES:

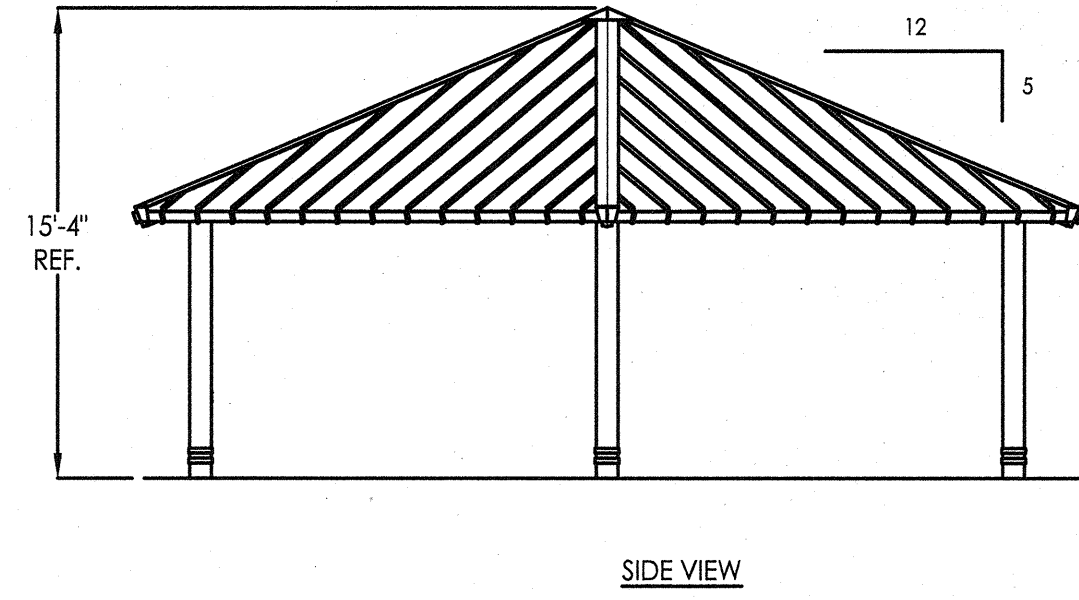
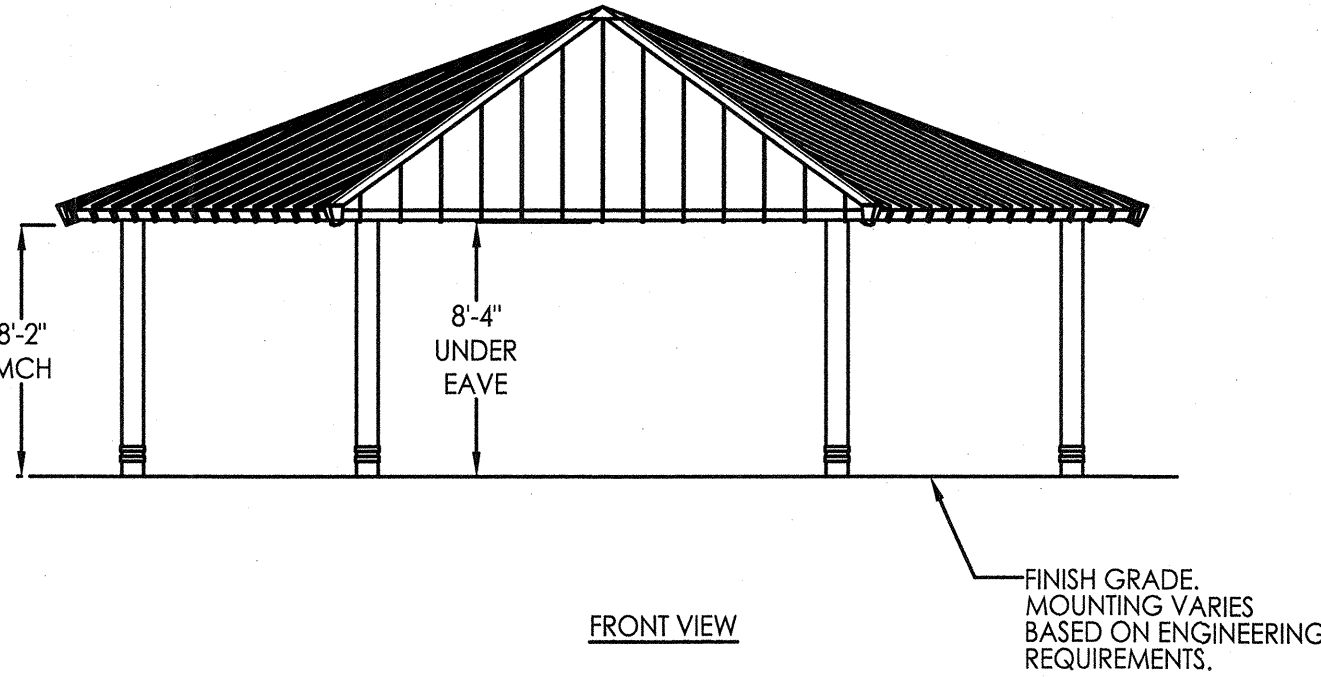
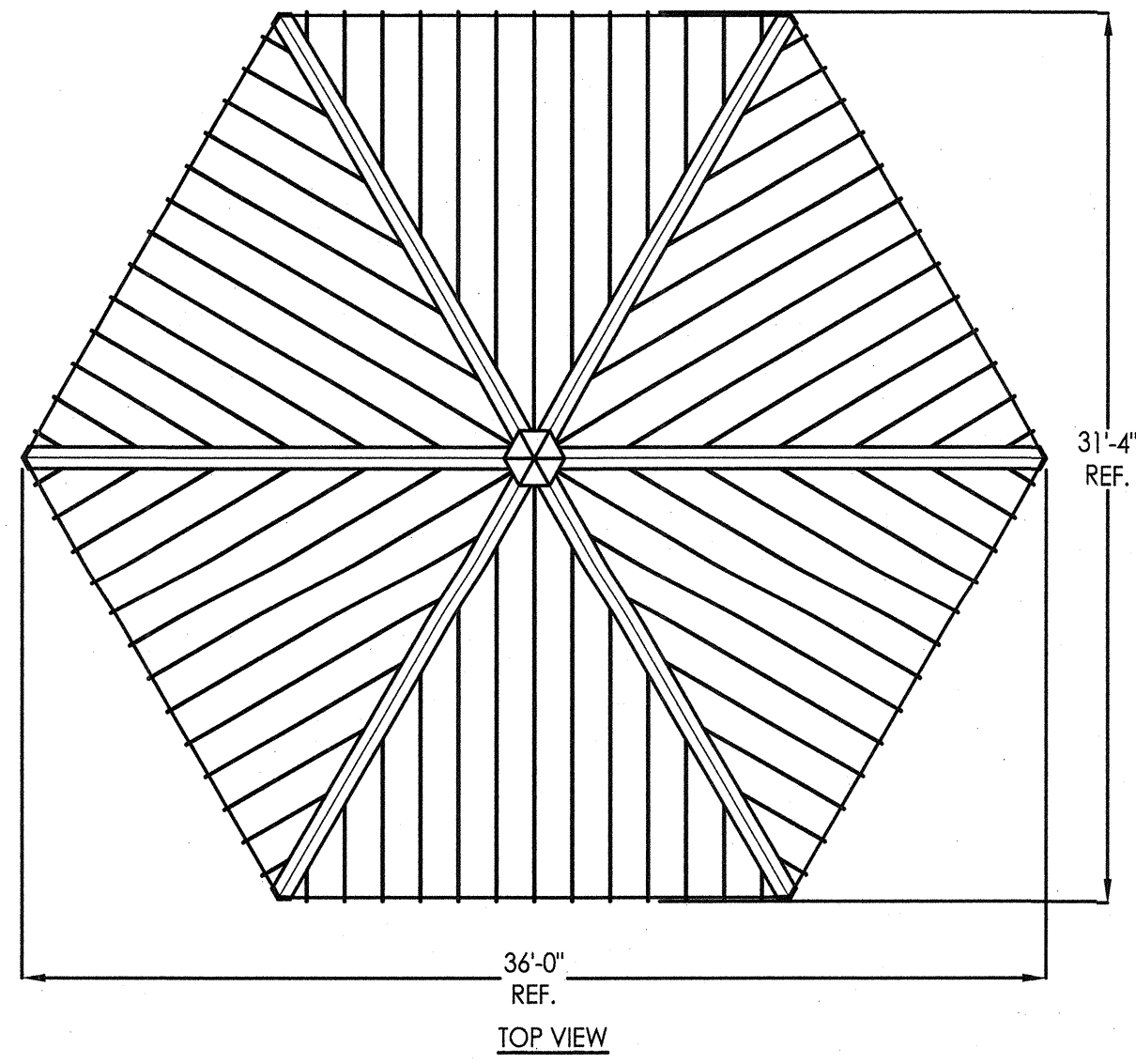
- SHELTER SHALL MATCH STYLE AND COLOR OF THE EXISTING SHELTER ON SITE.
- DESIGN INTENT IS BASED ON POLYGON HX6 36 WITH STANDING SEAM ROOF, TURN DOWN EAVES AND WESTMINSTER K86 COLUMNS.



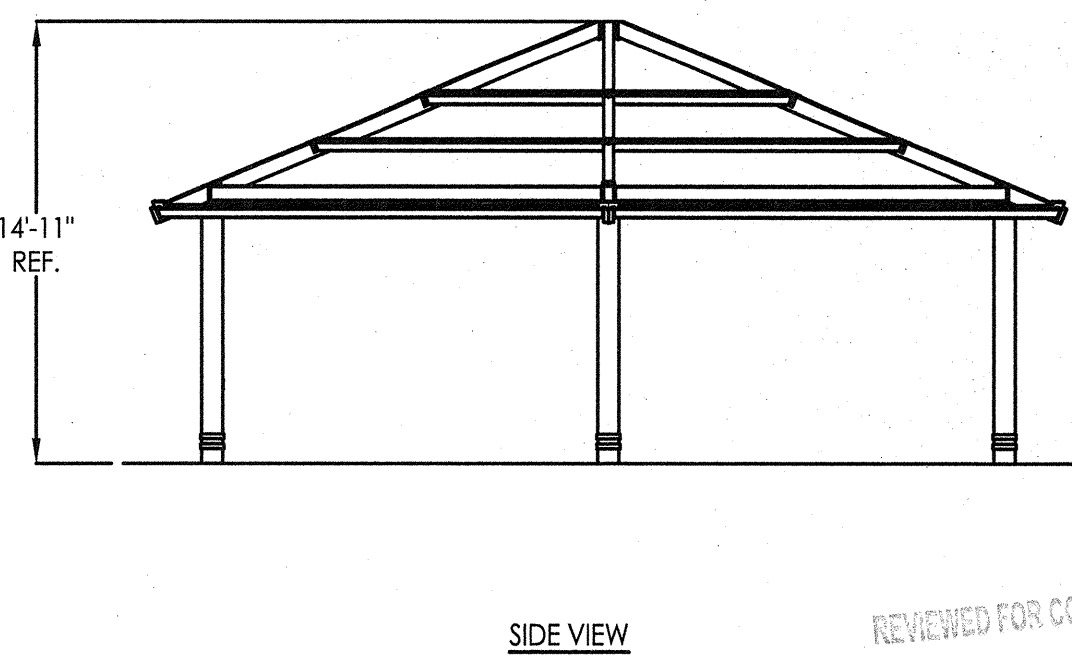
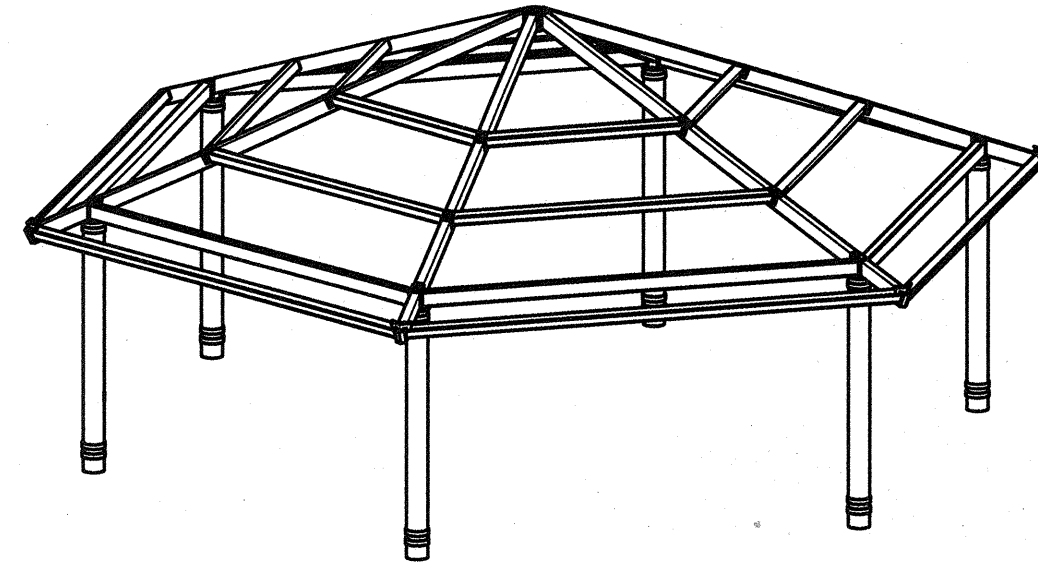
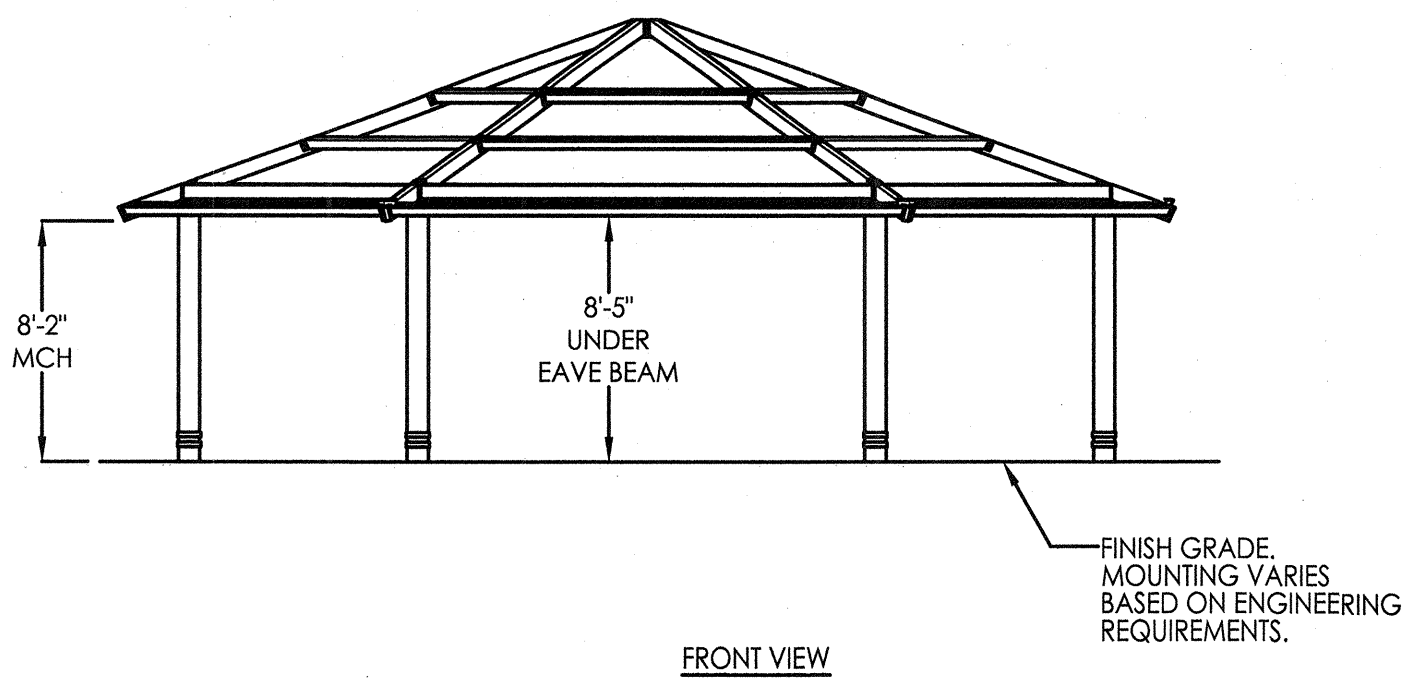
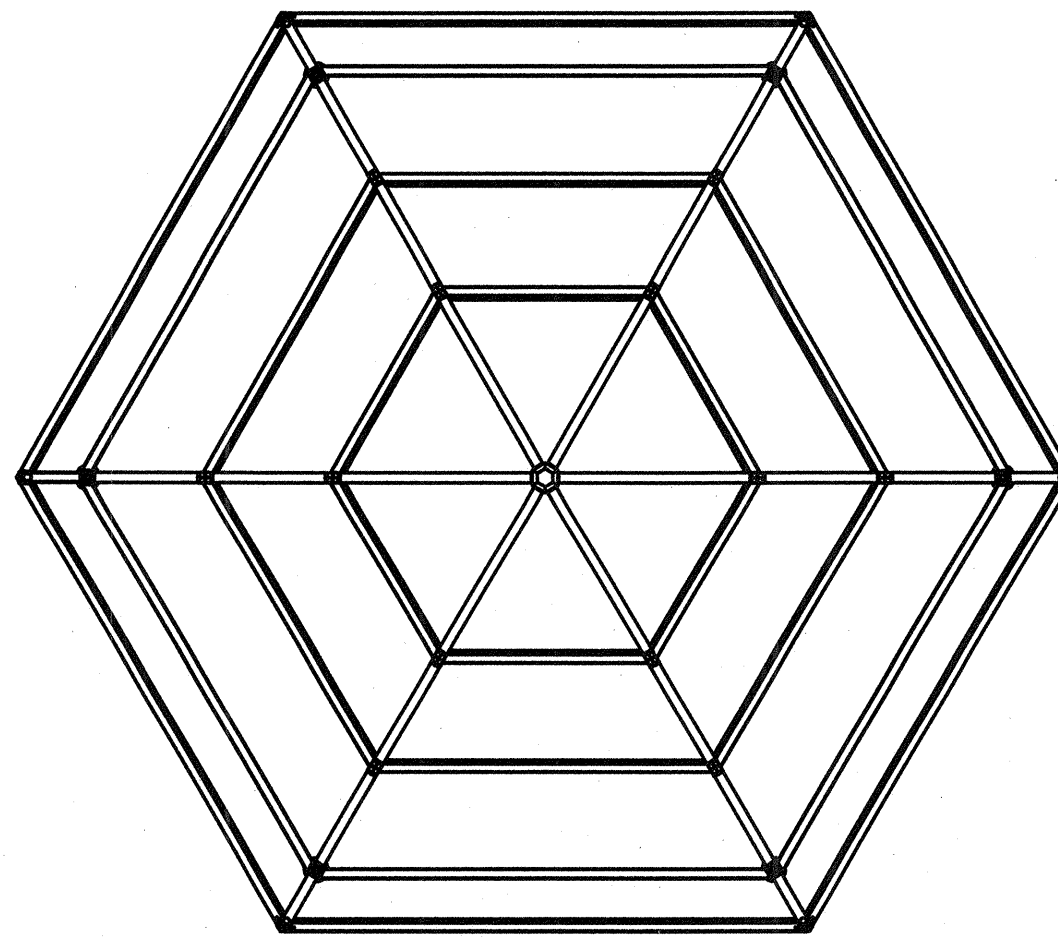
C ANCHOR BOLT



D SHELTER LAYOUT



A 36' HEXAGON SHELTER ELEVATIONS



B 36' HEXAGON SHELTER FRAMING DETAIL



REVISIONS

CONSULTANT

southwick
LANDSCAPE ARCHITECTS

1700 W Horizon Ridge Pkwy, Suite 203
Henderson NV 89012
702.897.3108
www.southwickla.com

CITY OF LAS VEGAS

BILL BRIARE FAMILY PARK IMPROVEMENTS

650 N. TENAYA WAY

HARDSCAPE DETAILS



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

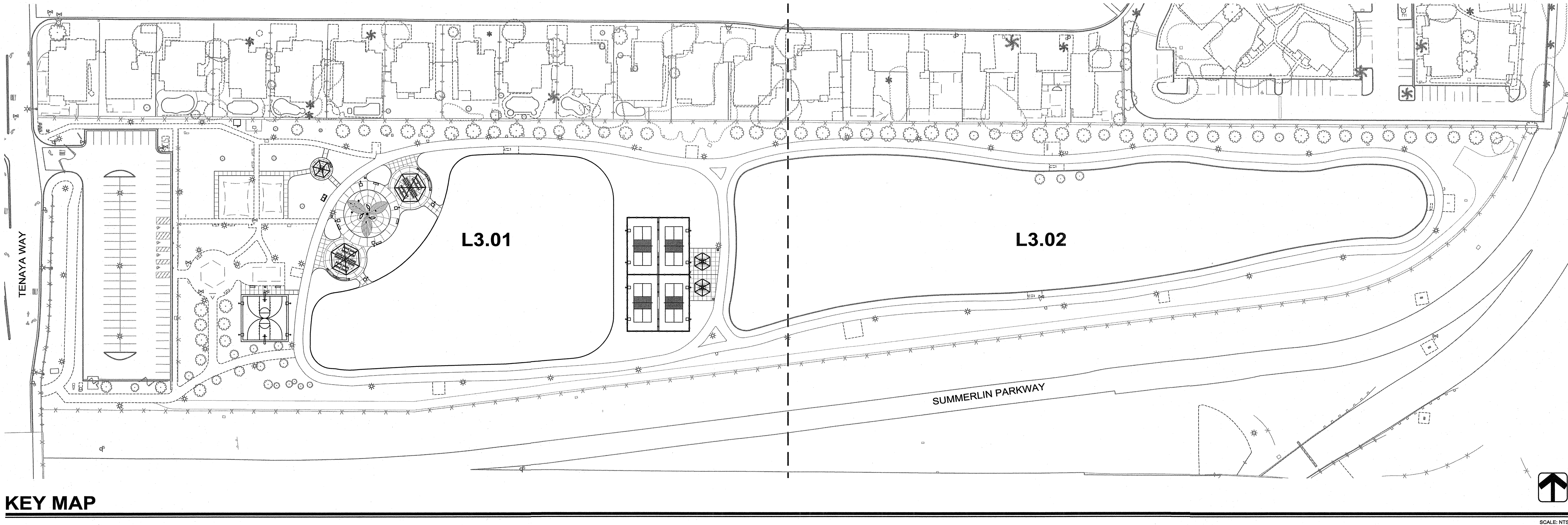
DRAWN: CLG
FILE: 16-001
DATE: August 29, 2016
SCALE:

BID NO: 1559815DC
CLV DWG NO: 65030-2
HANGEN #: 59815
SHT NO: L2.08

REVIEWED FOR CODE COMPLIANCE

JAN 03 2017 GG

CITY OF LAS VEGAS
BUILDING AND SAFETY



PLANTING LEGEND

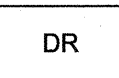
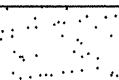
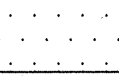
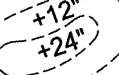
TREES

SYMBOL	BOTANICAL NAME COMMON NAME	QTY.	CALIPER MINIMUM SIZE
	ACACIA STENOPHYLLA SHOESTRING ACACIA	42	1.1/2" 24" BOX
	CELTIS RETICULATA NET LEAF HACKBERRY	13	1.1/2" 24" BOX
	CHILOPSIS LINEARIS DESERT WILLOW MULTI TRUNK - 1.1/2" CLPR. PER TRUNK	11	1.1/2" 24" BOX
	EYSENHARTDIA ORTHOCARPA KIDNEYWOOD MULTI TRUNK - 1.1/2" CLPR. PER TRUNK	8	1.1/2" 24" BOX
	PISTACIA CHINENSIS 'RED PUSH' RED PUSH CHINESE PISTACHE	8	1.3/4" 24" BOX
	PROSOPIS GLANDULOSA 'MAVERICK' TEXAS HONEY MESQUITE THORLESS MULTI TRUNK - 1.1/2" CLPR. PER TRUNK	20	1.1/2" 24" BOX

SHRUBS

SYMBOL	BOTANICAL NAME COMMON NAME	QTY.	MINIMUM SIZE
	ACACIA REDOLENS 'DESERT CARPET' TRAILING ACACIA	102	5 GALLON
	DALEA FRUTESCENS 'SIERRA NEGRA' TM BLACK DALEA	231	5 GALLON
	HESPERALOE PARVIFLORA 'RED' RED YUCCA	140	5 GALLON
	LANTANA SP. 'BANDANA' PINK LANTANA	235	5 GALLON
	LARREA TRIDENTATA CREOSOTE BUSH	68	5 GALLON
	LEUCOPHYLLUM L. 'LYNN'S LEGACY' LYNN'S TEXAS RANGER	270	5 GALLON
	RHUS VIRENS EVERGREEN SUMAC	27	5 GALLON
	YUCCA RECURVIFOLIA WEeping YUCCA	141	5 GALLON

LANDSCAPE ELEMENTS

SYMBOL	DESCRIPTION																		
	DECORATIVE ROCK. SIZE: MATCH EXISTING COLOR: MATCH EXISTING ALL PLANTER AREAS TO MINIMUM 3" DEPTH																		
	SODDED TURF - HYBRID BERMUDA (TIFWAY T-419 OR TIFSPORTS)																		
	EXISTING TURF TO BE OVER SEEDED WITH HYBRID BERMUDA (TIFWAY T-419 OR TIFSPORTS)																		
	LANDSCAPE MOUNDING. CONTOURS SHOWN AT 12" INTERVALS RELATIVE TO FINISH GRADE OF CIVIL PLANS.																		
	LANDSCAPE GRANITE BOULDERS IN VARIOUS SIZES - SEE CHART BELOW. COLOR TO MATCH DECORATIVE ROCK.																		
BOULDER SCHEDULE																			
<table><tr><th>SYMBOL</th><th>SIZE</th><th>QUANTITY</th></tr><tr><td>A</td><td>3'X3'X2'</td><td>60</td></tr><tr><td>B</td><td>3'X2'X2'</td><td>41</td></tr><tr><td>C</td><td>2'X2'X2'</td><td>45</td></tr><tr><td>D</td><td>2'X2'X1'</td><td>48</td></tr><tr><td>E</td><td>1'X1'X1'</td><td>78</td></tr></table>	SYMBOL	SIZE	QUANTITY	A	3'X3'X2'	60	B	3'X2'X2'	41	C	2'X2'X2'	45	D	2'X2'X1'	48	E	1'X1'X1'	78	
SYMBOL	SIZE	QUANTITY																	
A	3'X3'X2'	60																	
B	3'X2'X2'	41																	
C	2'X2'X2'	45																	
D	2'X2'X1'	48																	
E	1'X1'X1'	78																	

PLANTING NOTES

- SEE SHEET L3.03 FOR PLANTING DETAILS.
- 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. DO NOT ALLOW ROCK TO TOUCH THE TRUNK OF ANY TREE. TO BE INSTALLED AFTER INSTALLATION OF PLANT MATERIAL.
- ALL MULTI-TRUNK TREES ARE TO HAVE 3 TO 4 TRUNKS.
- ANY TREE PLANTED WITHIN 5 FEET OF A SIDEWALK OR WALL SHALL BE PLANTED WITH A ROOT GUARD DESIGNED TO DIRECT ROOT GROWTH DOWNWARD. SEE DETAIL 'E', SHEET L3.03.
- CONTRACTOR TO PRESERVE AND PROTECT EXISTING TREES IDENTIFIED ON PLAN BY AN EXISTING TREE SYMBOL. CONTRACTOR TO PRESERVE AND PROTECT LANDSCAPE OUTSIDE LIMIT OF LANDSCAPE WORK.
- 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.
- 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.

Call before you Dig
AVOID CUTTING UNDERGROUND
UTILITIES AND ITS COSTLY.

Call
811
1-800-227-2600

AVOID HITTING OVERHEAD
POWERLINES ITS COSTLY.

CALL BEFORE
YOU DO
OVERHEAD

1-702-227-2929

FAST

Call
before you
UnderGround

1-702-432-5300



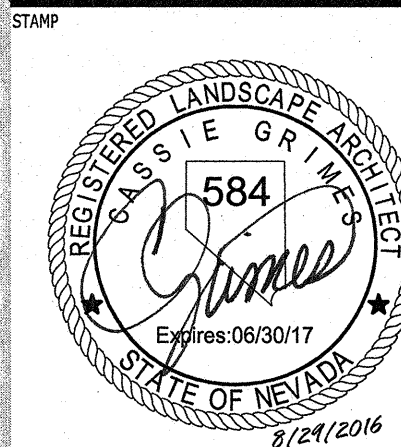
REVISIONS

CONSULTANT

southwick
LANDSCAPE ARCHITECTS

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

CITY OF LAS VEGAS
BILL BRIARE FAMILY PARK IMPROVEMENTS
650 N. TENAYA WAY
PLANTING LEGEND, NOTES & KEYMAP



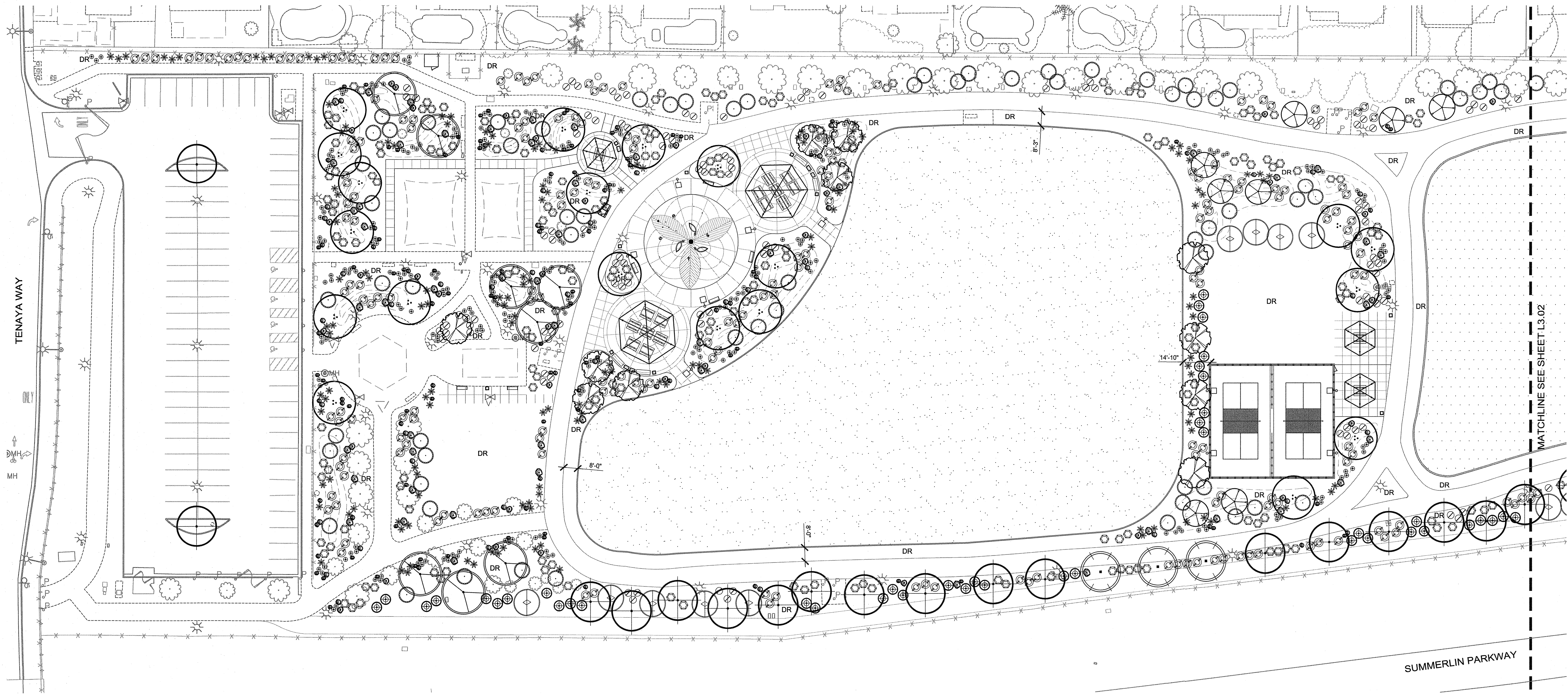
OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 384-4545
TDD: (702) 386-9108

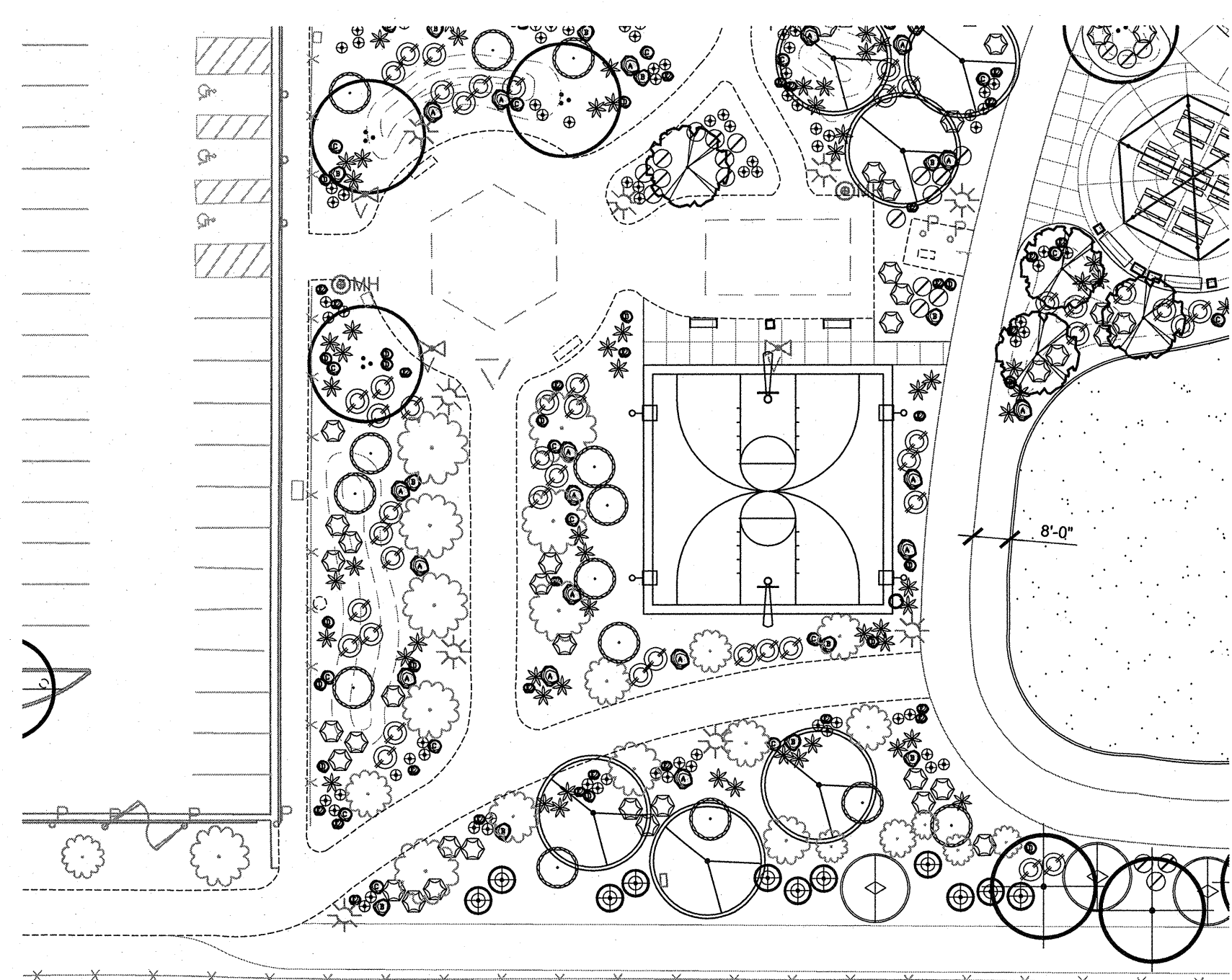
DRAWN
FILE
DATE
SCALE
BID NO
CLV DWG NO
HANSER #
SHT NO

CLG
16-001
August 23, 2016
1"=60'-0"
1559815DC
65030-2
59815

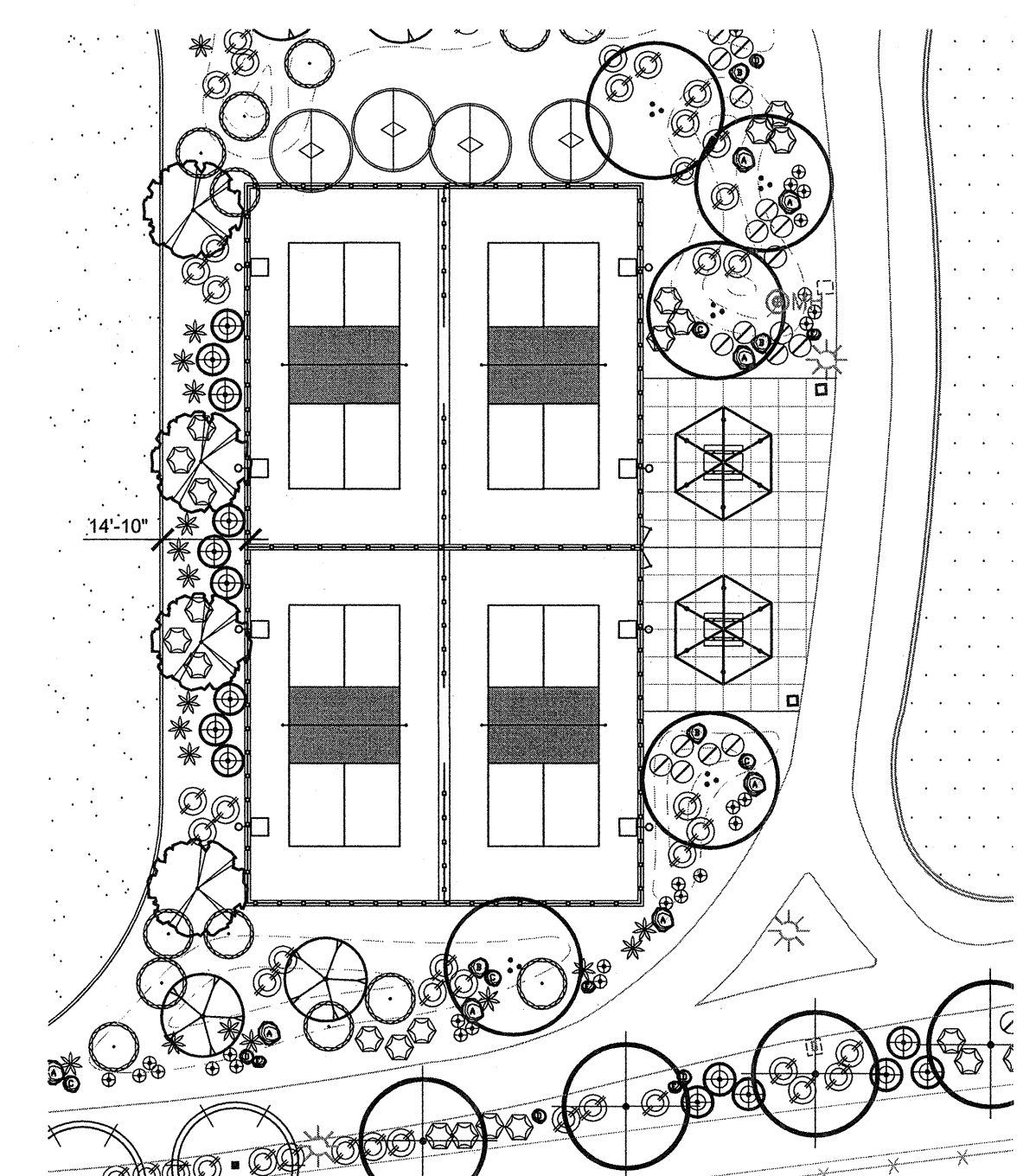
L3.00



BASE BID PLAN



ADD. ALT. 2 - BASKETBALL COURT



ADD. ALT.1 - PICKLEBALL COURT

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

JA OCT -3 2016

Conforms to the minimum requirements of
LVMS 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 Ordinances.

UNDERGROUND SPRINKLING
SYSTEM REQUIRED IN ALL
LANDSCAPED AREAS

0 30' 60' 90'

SCALE: 1" = 30'

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

AVOID HITTING OVERHEAD
POWERLINES. TO CONTACT
CALL BEFORE
YOU DIG
OVERHEAD
1-702-227-2929

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

REVISIONS

NO.	DESCRIPTION

CONSULTANT

southwick
LANDSCAPE ARCHITECTS

1700 W Horizon Ridge Pkwy, Suite 203 702.897.3108
Henderson NV 89012 www.southwickla.com

CITY OF LAS VEGAS

BILL BRIARE FAMILY PARK IMPROVEMENTS

650 N. TENAYA WAY

PLANTING PLAN

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

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

REGISTERED LANDSCAPE ARCHITECT
CLAS STATE GR 584
Expires 06/30/17
8/24/2016

DRAWN CLG

FILE 16-001

DATE August 23, 2016

SCALE 1"=30'-0"

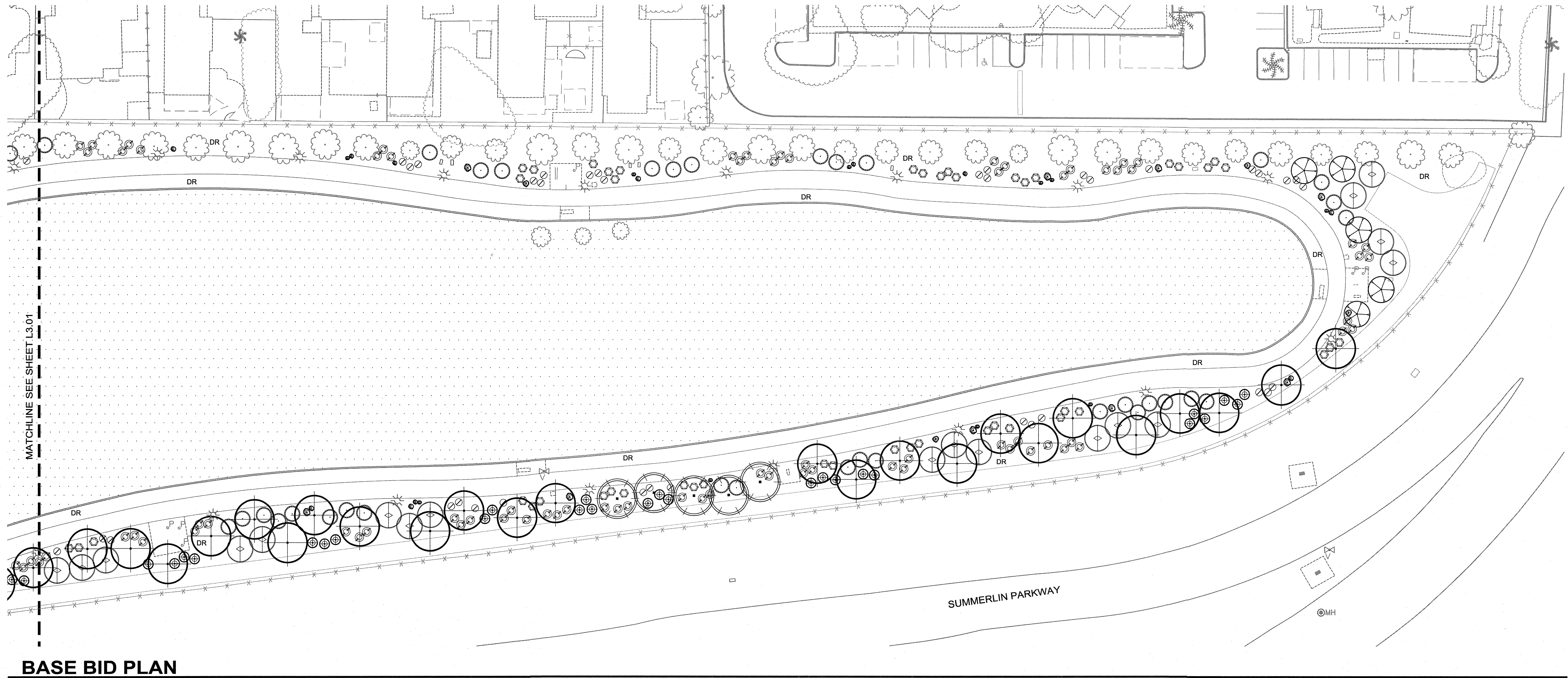
BID NO 15.59815DC

CLY DWG NO 650.90-2

HANSEN # 59815

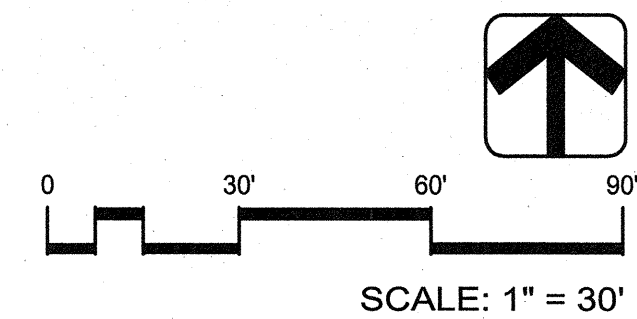
SHT NO

L3.01



BASE BID PLAN

PLANS APPROVED
PLANNING
Building & Safety Dept.
City of Las Vegas, Nevada
JA OCT - 3 2016
Conforms to the minimum requirements of
LVMC Title 18, applicable Master Plan
development standards and/or Conditions of
Approval. Make No Change Without Approval.
Plan is Not a Permit to Violate Any Ordinance.
UNDERGROUND SPRINKLING
SYSTEM REQUIRED IN ALL
LANDSCAPED AREAS



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

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

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



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

CITY OF LAS VEGAS
BILL BRIARE FAMILY PARK IMPROVEMENTS
650 N. TENAYA WAY
PLANTING PLAN



OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

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

DRAWN CLG
FILE 16-001
DATE August 29, 2016
SCALE 1"=30'-0"
BID NO 1559815DC
CLV DWG NO 650.30-2
HANSER # 59815
SHT NO

L3.02

DRAWINGS AS INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE DESIGN PROFESSIONAL. UNLESS STAMP OF CERTIFICATION APPEARS ON THE DRAWINGS AND SPECIFICATIONS RETURNED BY THE CLIENT MAY BE UTILIZED ONLY FOR OCCUPANCY OF THE PROJECT FOR WHICH THEY WERE PREPARED AND NOT FOR THE CONSTRUCTION OF ANY OTHER PROJECT. A.C. KELLY

TO ALL LAWN AREAS AND PRIOR TO IRRIGATION SYSTEM INSTALLATION, CROSS RIP OR OTHERWISE TILL SUBGRADE TO A DEPTH OF 6". AFTER CROSS RIPPING, REMOVE ALL STONES GREATER THAN 1/2" DIAMETER AND APPLY A 6" LAYER OF LOAMY SAND TOP SOIL AS SPECIFIED. ROTOTILL THE FOLLOWING AMENDMENTS INTO THE 6" LAYER OF TOPSOIL.

AMOUNT PER 1000 SQ. FT.
4 CU. YDS. ORGANIC SOIL CONDITIONER
15 LBS. 16-20-0 COMMERCIAL FERTILIZER WITH SOIL SULFUR

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:

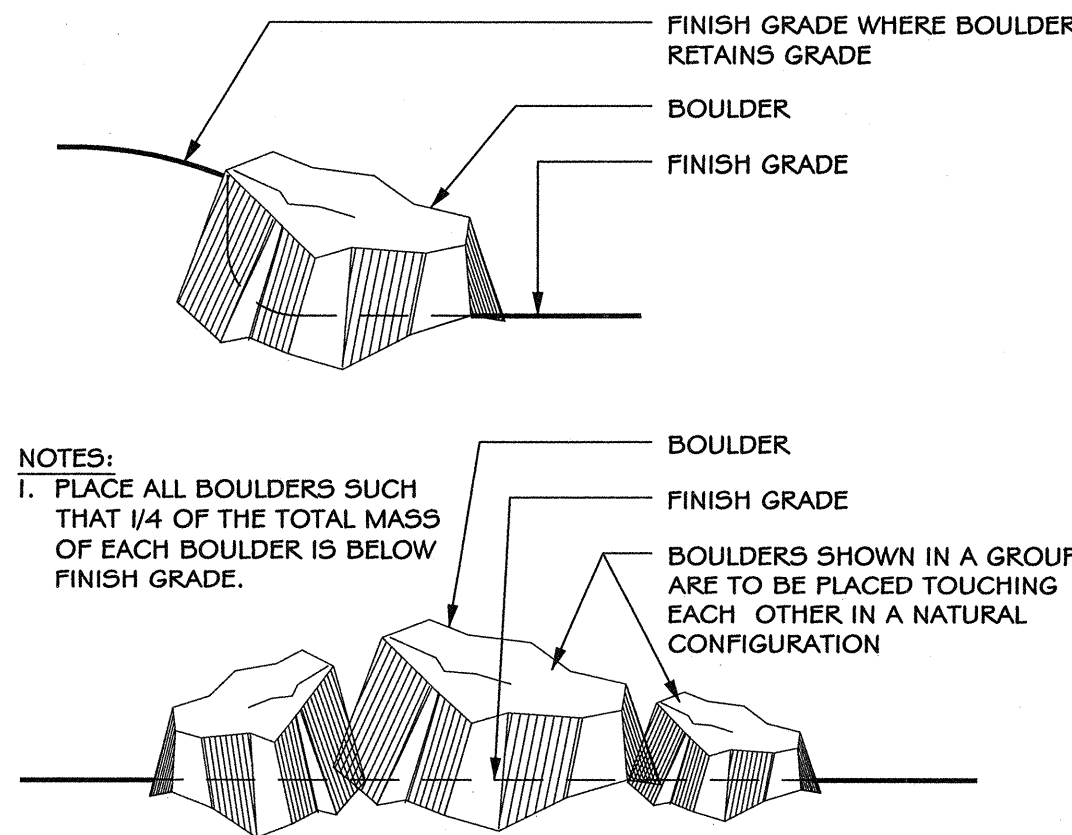
4 PARTS BY VOLUME ON SITE SOIL (NO PARTICLE OVER 2" DIA.)
1 PARTS BY VOLUME ORGANIC SOIL CONDITIONER

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

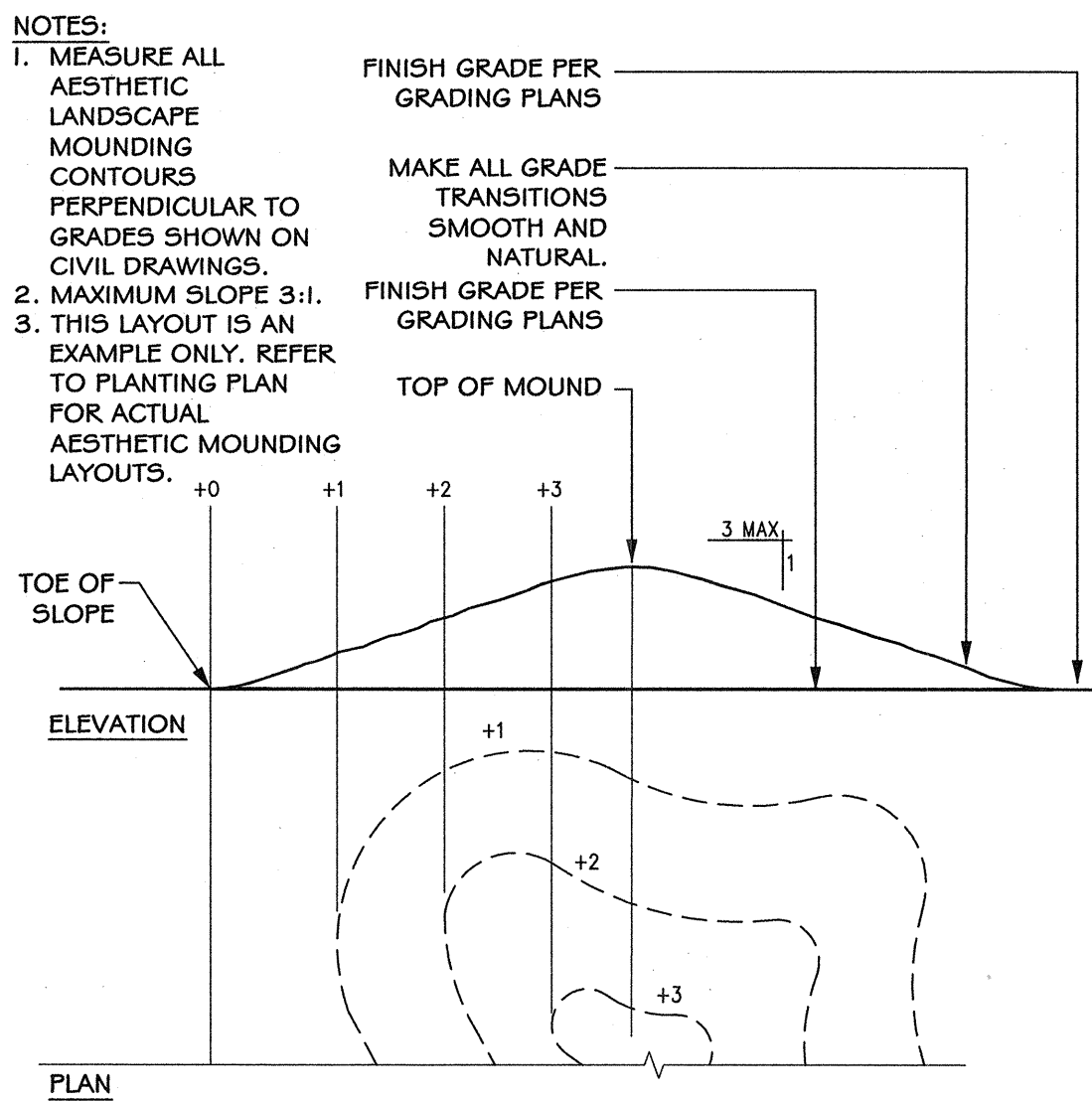
G SOIL MIX NOTE

NTS



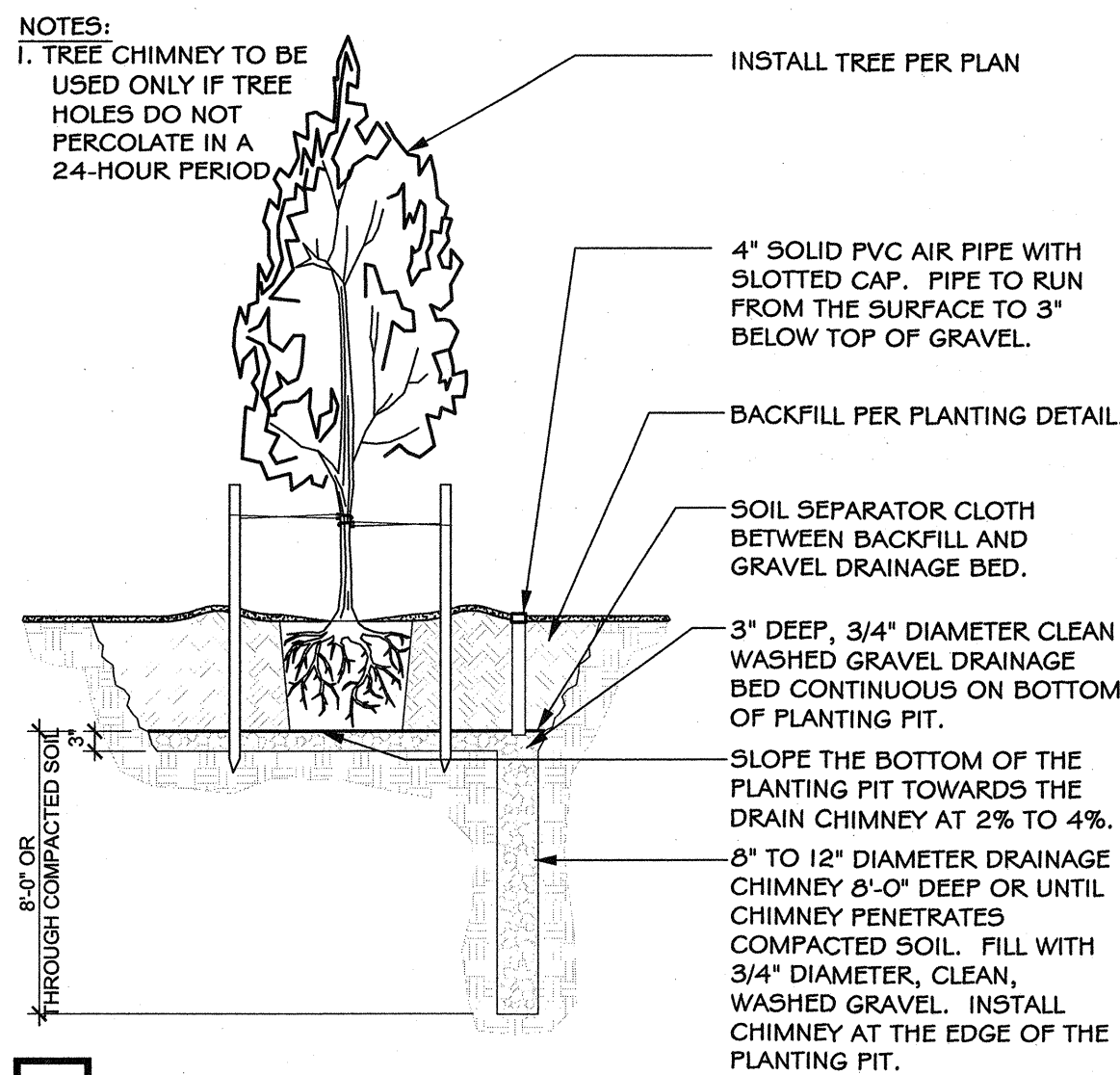
H BOULDER PLACEMENT

NTS



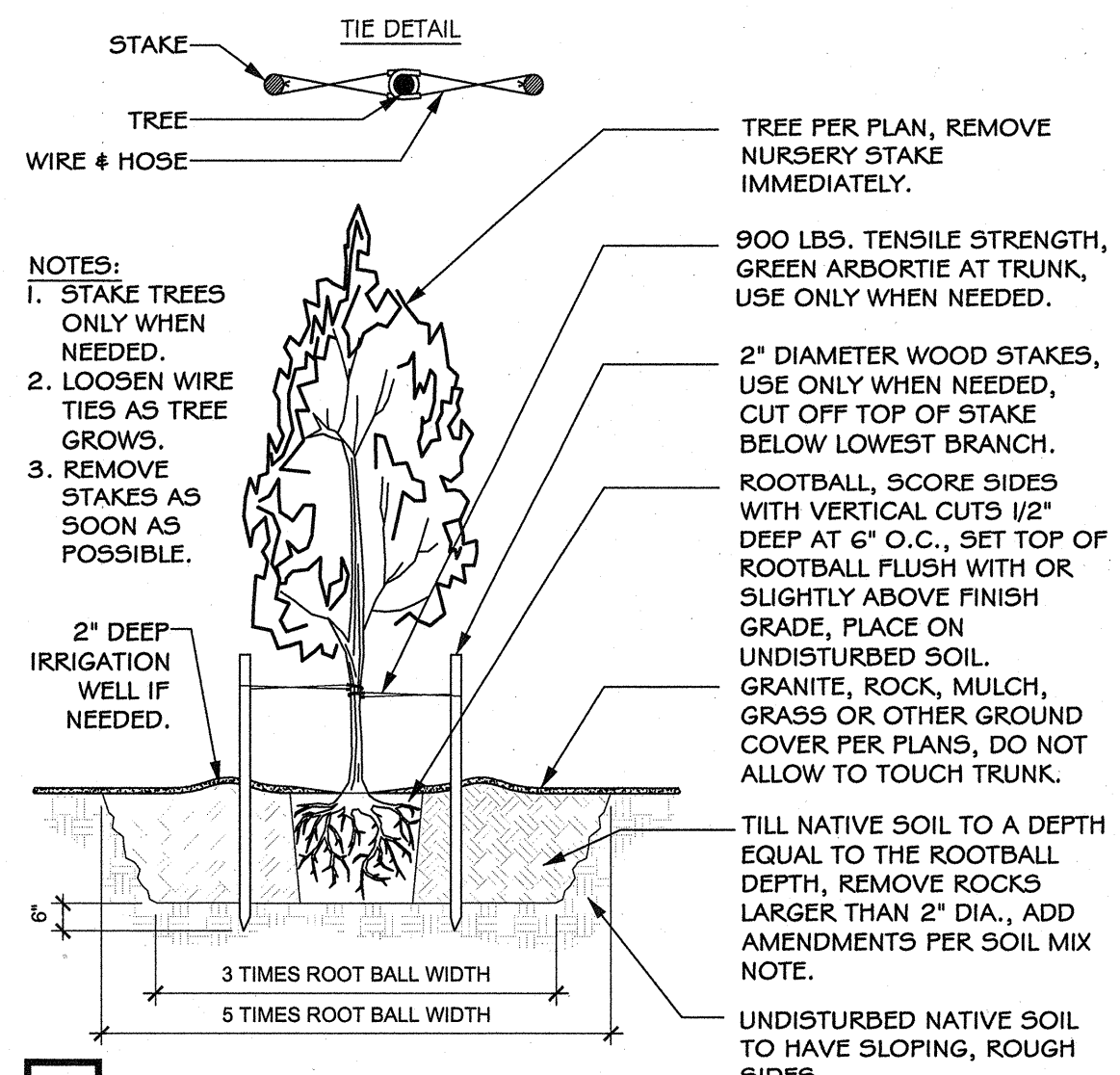
I MOUNDING

NTS



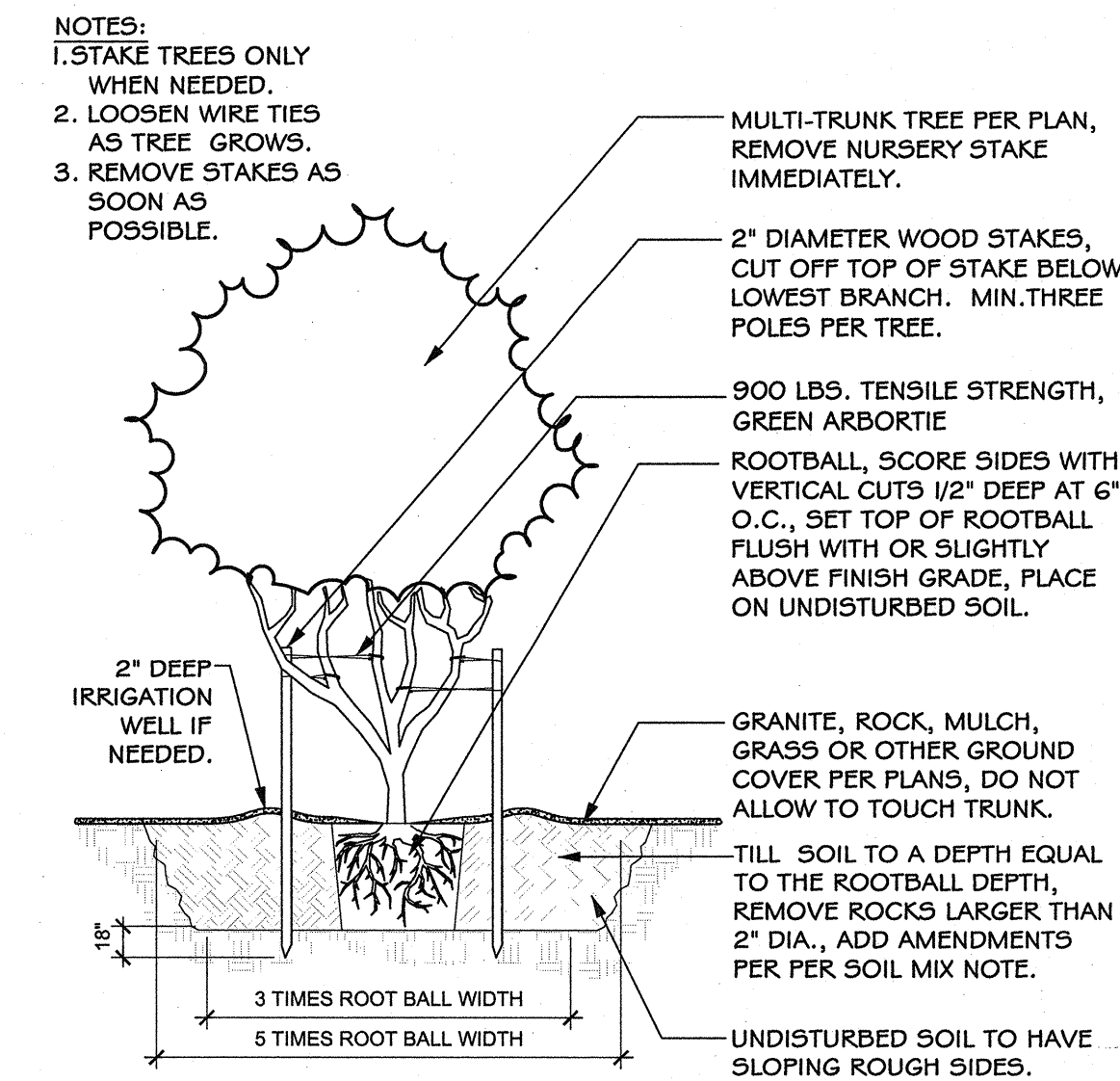
D TREE CHIMNEY

NTS



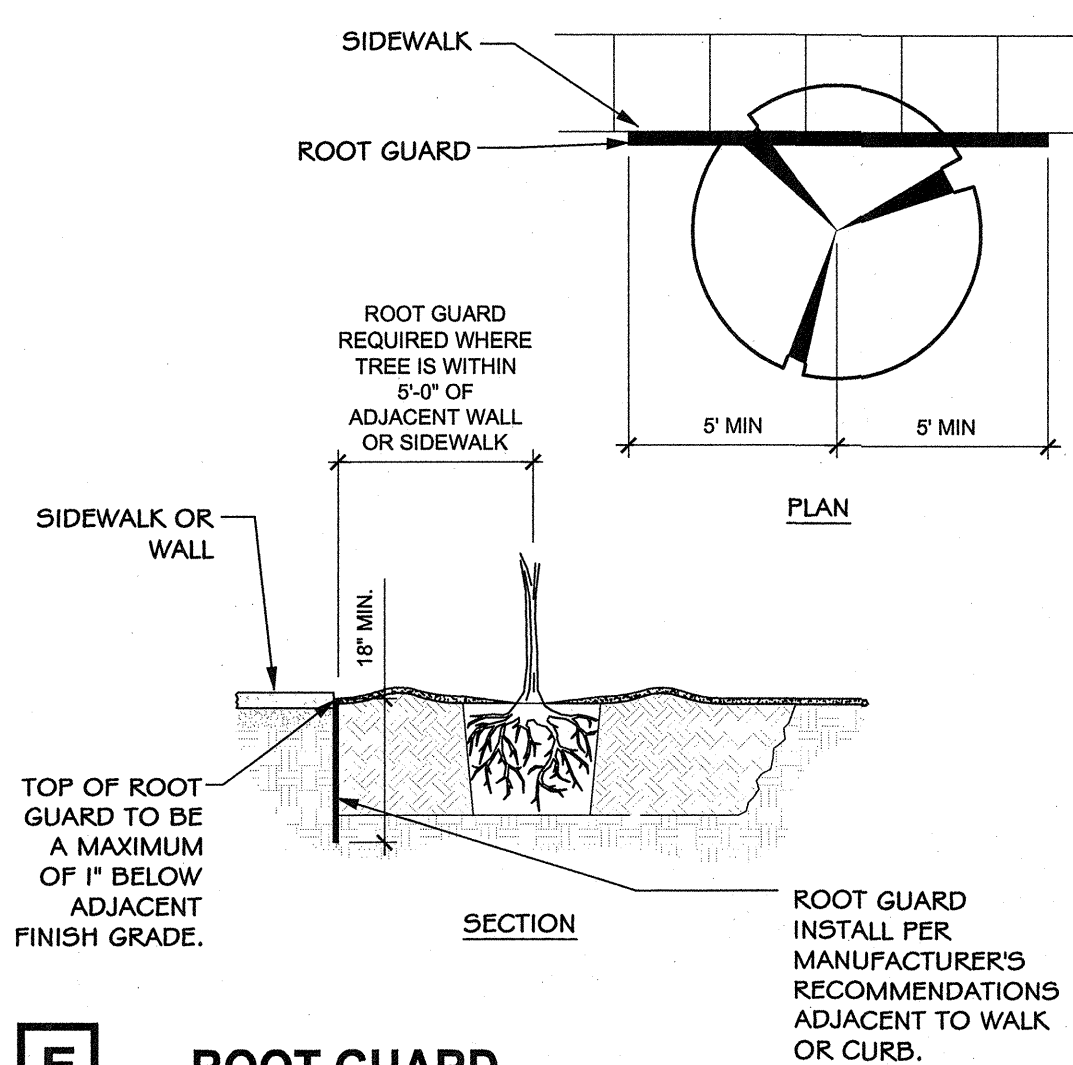
A TREE PLANTING

NTS



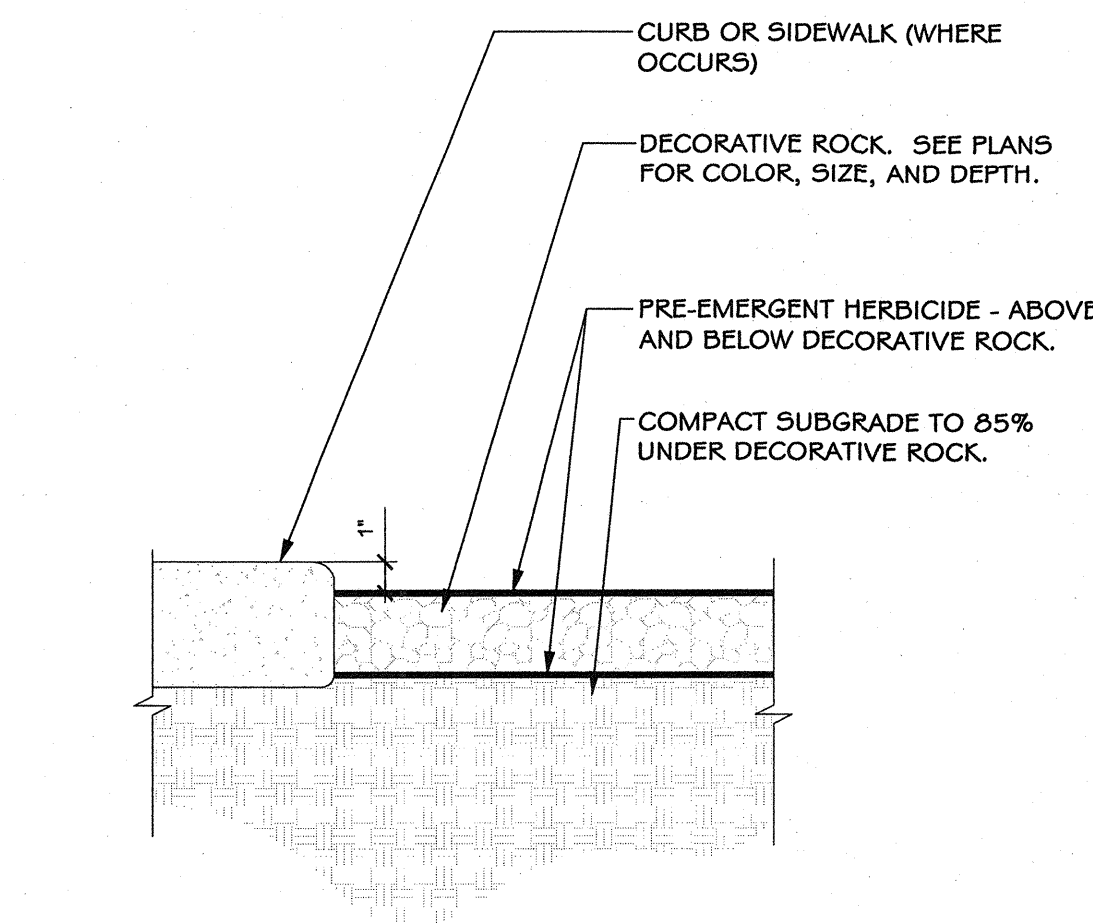
B MULTI-TRUNK PLANTING

NTS



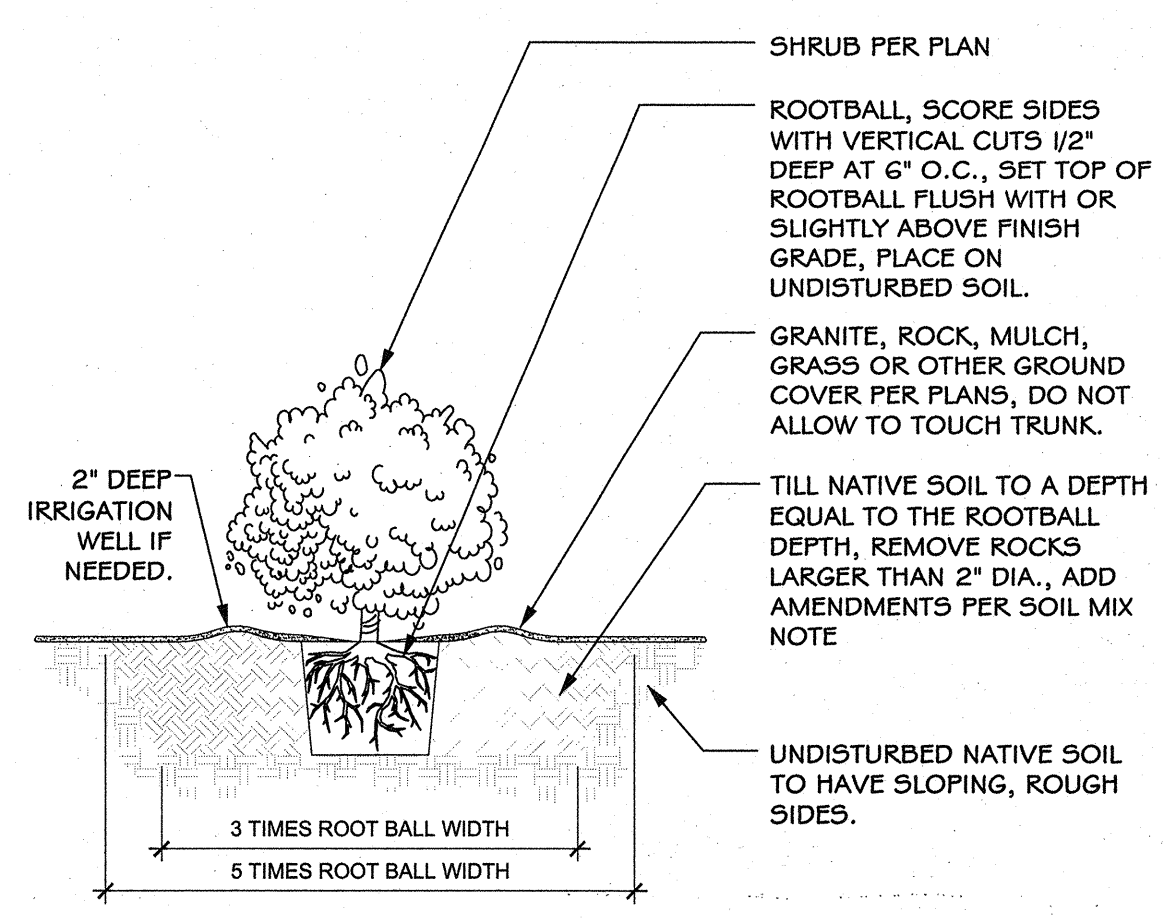
E ROOT GUARD

NTS



F DECORATIVE ROCK

NTS



C SHRUB PLANTING

NTS



REVISIONS

CONSULTANT

southwick
LANDSCAPE ARCHITECTS

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

CITY OF LAS VEGAS

BILL BRIARE FAMILY PARK IMPROVEMENTS

650 N. TENAYA WAY

PLANTING DETAILS

STAMP



OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

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

DRAWN: CLG
FILE: 16-001
DATE: August 29, 2016
SCALE:
BID NO: 1559815DC
CLV DWS NO: 65030-2
HANSER # 59815
SHT NO

L3.03

WATER PLAY SCHEDULE

GENERAL DESCRIPTION

1. THE WATER FEATURE AT BILL BRIARE PARK CONSISTS OF A SPRAY PAD COMPRISED OF WATER SPRAY NOZZLES MOUNTED FLUSH ON THE PLAY SURFACE AND ABOVE GROUND COMPONENTS. WATER IS DELIVERED TO THE NOZZLES FROM A POTABLE WATER TAP THAT IS SUPPLIED BY A NEW WATER METER AS SHOWN ON THE CIVIL PLANS TO A NEW BOOSTER PUMP PER IRRIGATION PLANS TO THE WATER SPRAY VALVES. WATER DISCHARGED FROM THE NOZZLES IS COLLECTED IN A DRAIN, LOCATED AT THE INTERIOR OF THE SPRAY PAD, AND FLOWS BY GRAVITY THROUGH A SAND/OIL SEPARATOR, THEN INTO THE SANITARY SEWER SYSTEM. THE WATER PLAY FEATURE IS A "DRY FOUNTAIN"; THERE IS NO STANDING WATER ON THE PLAY SURFACE.
2. GROUND SPRAY NOZZLES ARE DESIGNED WITH A MINIMUM FLOW RATE OF 3 TO 33 GPM EACH, BASED ON THE NOZZLE TYPE. THE SPRAY PAD IS DESIGNED TO ACCOMMODATE A MAXIMUM FLOW OF APPROXIMATELY 72 GPM.
3. WATER FLOW TO EACH SPRAY NOZZLE IS CONTROLLED BY A 24 VAC SOLENOID OPERATED CONTROL VALVE ON A MANIFOLD WITHIN A CONCRETE VALVE BOX LOCATED NEAR THE SPRAY PAD. OPERATION OF EACH SOLENOID VALVE IS GOVERNED BY A CONTROLLER LOCATED NEAR THE SPRAY PAD. THE CONTROLLER CYCLES THE VALVES THROUGH A SERIES OF PROGRAM STEPS THAT DETERMINE THE DISPLAY SEQUENCE.
4. THE SPRAY PAD IS ACTIVATED BY THE BOLLARD ACTIVATION SWITCH, AND IS OPERATIONAL ONLY BETWEEN DESIGNATED HOURS OF THE DAY IN ORDER TO MANAGE SYSTEM ACTIVITY AND WATER USE. ACTIVE OPERATIONAL TIMES ARE MANAGED BY A PROGRAMMABLE TIME SWITCH LOCATED ADJACENT TO THE CONTROLLER. THE PROGRAMMABLE TIME SWITCH RELAYS THE OPERATING SIGNAL BETWEEN THE BOLLARD AND THE CONTROLLER.
5. THE FLOW RATE AND GALLONS OF WATER USED BY THE WATER FEATURE IS BASED ON THE TIME DURATION OF EACH PROGRAM STEP, THE SEQUENCE OF NOZZLES OPERATED CONCURRENTLY, AND THE HOURS OF OPERATION PROGRAMMED INTO THE CONTROLLER.

GENERAL NOTES

1. VERIFY EXISTING SITE CONDITIONS AND THE LOCATIONS OF EXISTING PIPING AND WIRING PRIOR TO CONSTRUCTION. REPAIR OR REPLACE ANY EXISTING PIPING OR WIRING THAT IS DAMAGED AS A RESULT OF THIS CONSTRUCTION.
2. READ THOROUGHLY AND BECOME FAMILIAR WITH THE SPECIFICATIONS AND INSTALLATION DETAILS FOR THIS AND RELATED WORK PRIOR TO CONSTRUCTION.
3. IF APPLICABLE, COORDINATE UTILITY LOCATES ("CALL BEFORE YOU DIG") OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
4. DO NOT PROCEED WITH THE INSTALLATION OF THE WATER FEATURE CIRCULATION SYSTEM WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS OR GRADE DIFFERENCES EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING, OR IF DISCREPANCIES IN CONSTRUCTION DETAILS, LEGEND, NOTES, OR SPECIFICATIONS ARE DISCOVERED. BRING ALL SUCH OBSTRUCTIONS OR DISCREPANCIES TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE BEFORE CONTINUING WITH CONSTRUCTION.
5. THE DRAWINGS ARE DIAGRAMMATIC. COMPONENTS MAY BE SHOWN OUTSIDE OF THE INTENDED INSTALLATION AREAS FOR VISUAL CLARITY. COORDINATE THIS INSTALLATION WITH THE INSTALLATION OF THE LANDSCAPE, HARDSCAPE, PLANTING PLANS, AND ARCHITECTURAL SITE WORK TO AVOID CONFLICTS.
6. PROVIDE THE FOLLOWING COMPONENTS TO THE OWNER PRIOR TO THE COMPLETION OF THE PROJECT:
A. FOUR COPIES OF A COMPLETE OPERATION AND MAINTENANCE MANUAL FOR MECHANICAL SYSTEM. INCLUDE MANUFACTURER'S CATALOG DATA SHEETS, DRAWINGS, REPAIR PARTS LISTS, OPERATING INSTRUCTIONS, RECOMMENDED MAINTENANCE SCHEDULES, TROUBLESHOOTING, AND REPAIR PARTS LISTS FOR EACH COMPONENT SUPPLIED INCLUDING THE ELECTRICAL CONTROL SYSTEM.
7. INSTALL ALL ELECTRICAL POWER TO THE WATER FEATURE MECHANICAL SYSTEM IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (ARTICLE 680) AND ALL APPLICABLE LOCAL ELECTRIC UTILITY CODES.
8. THE POTABLE WATER SUPPLY IS DESIGNED TO PROVIDE A MINIMUM OF 72 GPM AT A MINIMUM PRESSURE OF 50 PSI. VERIFY PROPER FLOW AND PRESSURE AT THE TAP PRIOR TO CONSTRUCTION AND DEMONSTRATE PROPER PERFORMANCE TO OWNER'S REPRESENTATIVE PRIOR TO FINAL ACCEPTANCE OF THE SYSTEM.
9. SEE SHEETS W1.03 AND W1.04 FOR WATER FEATURE INSTALLATION DETAILS.

LEGEND

SPRAY FEATURES

SYMBOL	ITEM	DESCRIPTION	DETAIL(S)	SHEET
 IA	BOLLARD ACTIVATOR	VORTEX BOLLARD WITH TAP/TOUCH ACTIVATOR OR OWNER APPROVED EQUAL. DESIGN INTENT BASED ON MODEL# VOR 7399 (BOLLARD ACTIVATOR NO.2) BY VORTEX AQUATIC STRUCTURES INTERNATIONAL, PHONE: (877) 586-7839. COLOR: YELLOW	'G'	W1.04
 A	DIRECTIONAL WATER JET	VORTEX DIRECTIONAL WATER JET OR OWNER APPROVED EQUAL. DESIGN INTENT BASED ON MODEL# VOR 0305 BY VORTEX AQUATIC STRUCTURES INTERNATIONAL, PHONE: (877) 586-7839.	'H'	W1.04
 B	JET STREAM	VORTEX JET STREAM SPRAY WATER FEATURE OR OWNER APPROVED EQUAL. DESIGN INTENT BASED ON MODEL# VOR 7512 BY VORTEX AQUATIC STRUCTURES INTERNATIONAL, PHONE: (877) 586-7839.	'I'	W1.04
 C	SILHOUETTE NO 5	VORTEX SILHOUETTE NO 5 WATER FEATURE OR OWNER APPROVED EQUAL. DESIGN INTENT BASED ON MODEL# VOR 7777 BY VORTEX AQUATIC STRUCTURES INTERNATIONAL, PHONE: (877) 586-7839. COLOR: GREEN	'E'	W1.04
 D	LEAF NO 2	VORTEX LEAF NO 2 WATER FEATURE OR OWNER APPROVED EQUAL. DESIGN INTENT BASED ON MODEL# VOR 7657 BY VORTEX AQUATIC STRUCTURES INTERNATIONAL, PHONE: (877) 586-7839. COLOR: GREEN	'C'	W1.04
 E	FROG NO 2	VORTEX FROG NO 2 WATER FEATURE OR OWNER APPROVED EQUAL. DESIGN INTENT BASED ON MODEL# VOR 7201 BY VORTEX AQUATIC STRUCTURES INTERNATIONAL, PHONE: (877) 586-7839. COLOR: GREEN	'B'	W1.04
 G	FROG NO 1	VORTEX FROG NO 1 WATER FEATURE OR OWNER APPROVED EQUAL. DESIGN INTENT BASED ON MODEL# VOR 7200 BY VORTEX AQUATIC STRUCTURES INTERNATIONAL, PHONE: (877) 586-7839. COLOR: GREEN	'B'	W1.04
 H	SILHOUETTE NO 3	VORTEX SILHOUETTE NO 3 WATER FEATURE OR OWNER APPROVED EQUAL. DESIGN INTENT BASED ON MODEL# VOR 7774 BY VORTEX AQUATIC STRUCTURES INTERNATIONAL, PHONE: (877) 586-7839. COLOR: GREEN	'D'	W1.04
 IB	PLAYSAFE DRAIN	VORTEX PLAYSAFE DRAIN OR OWNER APPROVED EQUAL. DESIGN INTENT BASED ON PLAYSAFE DRAIN BY VORTEX AQUATIC STRUCTURES INTERNATIONAL, PHONE: (877) 586-7839.	'F'	W1.03



REVISIONS

CONSULTANT

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

CITY OF LAS VEGAS
BILL BRIARE FAMILY PARK IMPROVEMENTS
650 N. TENAYA WAY

WATER PLAY SCHEDULE & NOTES

STAMP



OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS

333 NORTH RANCHO DRIVE
LAS VEGAS, NEVADA 89106
PHONE: (702) 229-6535
FAX: (702) 386-4346
TDD: (702) 386-9108

DRAWN: CLG
FILE: 16-001
DATE: August 29, 2016
SCALE:
BID NO: 1559815DC
CLV DWS NO: 650.90-2
HANGEN #: 59815
SHT NO:

W1.00

DEPARTMENT OF PUBLIC WORKS

DRAWINGS OR INSTRUMENTS OF SERVICE ARE THE PROPERTY OF THE DESIGN PROFESSIONAL. UNLESS STAMP OF CERTIFICATION APPEARS ON THE DRAWINGS AND SPECIFICATIONS ANY USE OR REPRODUCTION IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT IS EXPRESSLY PROHIBITED. COPIES OF THE DRAWINGS AND SPECIFICATIONS RETAINED BY THE CLIENT MAY BE UTILIZED ONLY FOR OCCUPANCY OF THE PROJECT FOR WHICH THEY WERE PREPARED AND NOT FOR THE CONSTRUCTION OF ANY OTHER PROJECT. A. C. 8/27/16