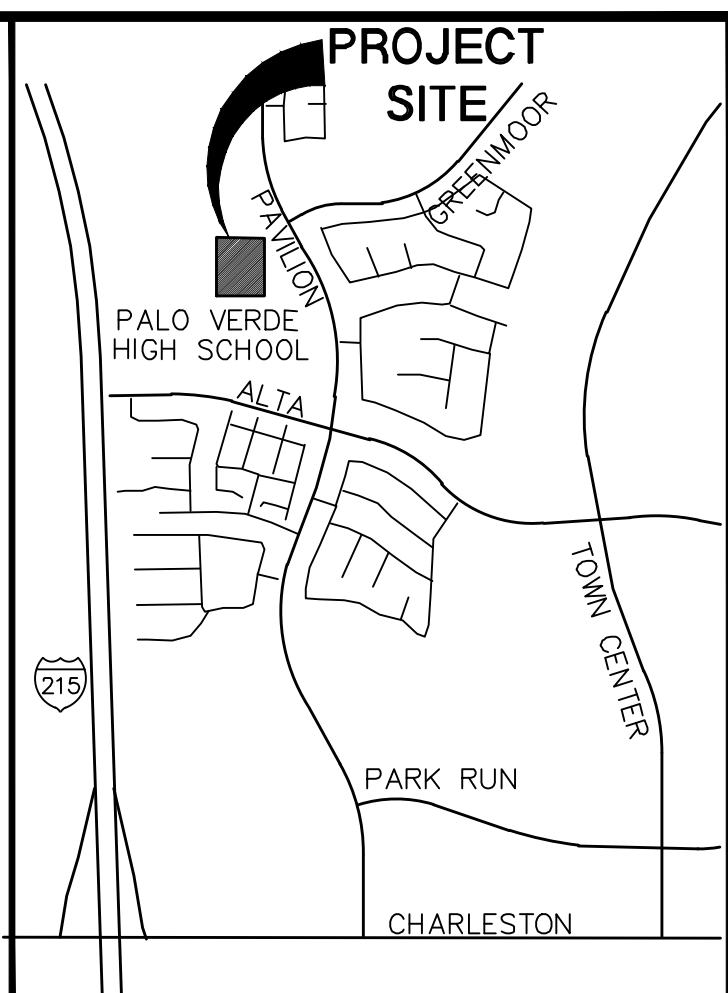


CONSTRUCTION NOTES:

- 1 ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH "CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS (C.C.A.U.S.D.)" LATEST EDITION AND/OR REGULATING ENTITY HAVING JURISDICTION.
- 2 NOT ALL NOTES USED ON THIS SHEET
- 1 CONSTRUCT POOL DECK PER POOL PLANS
- 2 CONSTRUCT RETAINING WALL PER ARCHITECTURAL AND STRUCTURAL PLANS
- 3 CONSTRUCT ADA RAMP. SEE DETAIL 4/C7.01
- 4 REMOVE AND REPLACE CONC. PAVEMENT. CONSTRUCT NEW PCC PAVEMENT PER DETAIL 2/C7.01
- 5 LANDSCAPED AREA PER LANDSCAPE PLANS
- 6 SAWCUT AND MATCH EXISTING
- 7 INSTALL SECURITY FENCE PER ARCH. SITE DETAILS.
- 8 INSTALL PEDESTRIAN GATE PER ARCH. SITE DETAILS
- 9 EXISTING STORM DRAIN PIPE. PROTECT IN PLACE.
- 10 REMOVE EXISTING RET. WALL AND RAILING. SEE ARCHITECTURAL DEMO PLANS.
- 11 EXISTING DROP INLET. PROTECT IN PLACE
- 12 REMOVE EXISTING SEWER MANHOLE AND SEWER PIPE
- 13 CONSTRUCT CONC. SIDEWALK PER CCAUSD 234. 2% MAX. SLOPE IN ALL DIRECTIONS
- 14 RELOCATE WATER AND ELEC VAULTS, AS REQUIRED. REFER TO MEP, IRRIG. PLANS
- 15 CONSTRUCT ADA RAMP WITH HAND RAILS PER ARCHITECTURAL PLANS
- 16 ADJUST UTILITY VAULTS TO FINISHED GRADE
- 17 RELOCATE LIGHT POLE. SEE LIGHTING PLAN.
- 18 INSTALL RIP-RAP. D50=6" THK=12"
- 19 CONSTRUCT CONC. U-CHANNEL PER DETAIL 3/C7.1
- 20 CONSTRUCT 5" THICK 3,000 PSI CONC SIDEWALK WITH 6X6 W1.4 X W1.4 WWF
- 21 INSTALL MAINTENANCE ACCESS GATE. SEE ARCHITECTURAL PLANS FOR DETAILS
- 22 INSTALL BILLBOARD SIGN. SEE ARCHITECTURAL PLANS FOR DETAILS
- 23 CONSTRUCT 0" CURB. SEE DETAIL 5/C7.01
- 24 CONSTRUCT A-CURB. SEE DETAIL 5/C7.01
- 25 INSTALL DETECTABLE WARNING MAT WITH TRUNCATED DOMES PER CCAUSD 235
- 26 REPAINT PARKING STRIPES AND ADA SYMBOL. WHITE FOR REGULAR PARKING AND BLUE PAINT FOR ADA PARKING SPACES
- 27 CONSTRUCT 24" R-TYPE ROLL CURB PER CCAUSD 217.3.S1
- 28 TRANSITION FROM A-CURB TO ROLL CURB IN 4 FT
- 29 CORE DRILL EXISTING SDMH AND CONNECT 10" PVC PIPE AT INV. 3045.10
- 30 INSTALL BEEHIVE DROP INLET PER CCAUSD 416



LOCATION MAP
NOT TO SCALE

MAX 2% PAVED
MIN. 6% UNPAVED BUILDING FF

CUT	FILL
9,495 CY	42 CY

NOTE: CUT/FILL QUANTITIES ARE TO FINISHED GRADE & DO NOT INCLUDE MATERIAL THICKNESS, FOOTINGS, ETC.

EXISTING UTILITY NOTE:

CONTRACTOR TO ADJUST ALL EXISTING UTILITIES TO MATCH PROPOSED FINISH GRADE ELEVATIONS.

FLOOD ZONE NOTE:

THE PROJECT SITE IS COVERED BY THE FLOOD INSURANCE RATE MAP (FIRM) FOR THE CLARK COUNTY AND INCORPORATED AREAS, NEVADA, COMMUNITY PANEL NUMBER: 3200321707, EFFECTIVE DATE: NOVEMBER 16, 2011. THE SITE FALLS WITHIN FLOOD ZONE "X" DESCRIBED BY FEMA AS AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

GRADING NOTES:

- SLOPES 4:1 OR STEEPER AND FINE-GRAINED MATERIALS THAT HAVE BEEN DISTURBED (SANDY AND SILTY MATERIALS) SHOULD BE PROTECTED WITH BURLAP OR OTHER EROSION CONTROL FABRIC/MATERIAL, UNLESS OTHERWISE SPECIFIED BY LANDSCAPE DRAWINGS AND SPECIFICATIONS OR THE SOILS REPORT.
- CONTRACTOR SHALL DETERMINE HIS OWN FOOTING OR BASEMENT EXCAVATION QUANTITIES. EVEN THOUGH SHOWN ON ROUGH GRADING PLANS, ADDITIONALLY, STRUCTURE BACKFILL COSTS SHOULD BE INCLUDED IN THE COST OF THE STRUCTURE, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL NOTIFY LOCHSA ENGINEERING WITHIN 24 HOURS OF OMISSIONS AND ERRORS DISCOVERED ON PLANS. LOCHSA ENGINEERING WILL NOT BE RESPONSIBLE FOR ANY "CORRECTIVE" WORK DONE BY OTHERS.
- CONTRACTOR TO ENSURE POSITIVE DRAINAGE. NO PONDING ALLOWED. CONTRACTOR TO FOLLOW RECOMMENDATIONS AS OUTLINED IN THE PROJECT GEOTECHNICAL REPORT, INCLUDING BUT NOT LIMITED TO EXCAVATION, GRADING AND COMPACTION. REFER TO THE REPORT PREPARED BY: GEOTECHNICAL & ENVIRONMENTAL SERVICES, INC., PROJECT No.20174234E1, 9-22-2017.

UTILITY NOTE:

LOCHSA ENGINEERING ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS PLAN ARE FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES, INCLUDING BUT NOT LIMITED TO, THE WATER, FIRE, SANITARY SEWER, STORM SEWER, TELEPHONE, POWER, GAS, AND IRRIGATION LINES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. IF CONFLICT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE PROJECT ARCHITECT, OWNER'S REPRESENTATIVE AND THE PROJECT ENGINEER IMMEDIATELY.

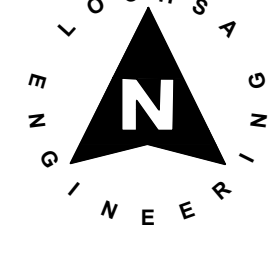
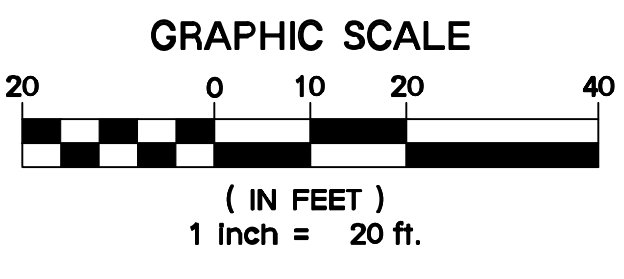
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Call before you Underground
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1-702-432-6300
1-702-227-2929

A.P.N.:

137-35-501-004
BASIS OF BEARINGS: THE CENTERLINE OF PAVILION CENTER DRIVE FROM THE INTERSECTION WITH GREENMOOR LANE SOUTH TO THE PC OF PAVILION CENTER DRIVE AS SHOWN BY THAT MAP ON FILE IN BOOK 75 OF PLATS, PAGE 75 IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA

BENCHMARK:

CITY OF LAS VEGAS BENCHMARK - 0LV09 36NWS BEING A RIVET & PLATE IN THE TOP OF CURB AT THE NORTHWEST CORNER OF PAVILION CENTER DRIVE AND GREENMOOR. ELEVATION: 3044.40 FEET / 927.9301 METERS (NAVD '88 DATUM)



CL OR SURVEY LINE	EASEMENT LINE	DESCRIPTION:	BUILDING OUTLINE	EDGE OF PAVEMENT	"A" TYPE CURBS	"L" TYPE CURBS	WALLS	CONTOUR LINES	AC PAVEMENT	CONCRETE	SPOT ELEVATIONS	SIGNS	MANHOLE W/ DESCRIPTION	MANHOLE DESCRIPTIONS	FIRE HYDRANTS	GATE VALVES	REDUCERS	CLEAN OUTS	UTILITY BOX OR VAULT	60' ROW LED STREETLIGHTS	80' ROW LED STREETLIGHTS	100' ROW LED STREETLIGHTS	INTERSECTION STREETLIGHTS
---	---	EXISTING:	---	---	---	---	---	(2110)	---	---	(12.34)	---	⊙	⊙ = SANITARY SEWER	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
---	---	PROPOSED:	---	---	---	---	---	(2122)	---	---	(12.34)	---	⊙	⊙ = STORM DRAIN	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
---	---		---	---	---	---	---	---	---	---	(12.34)	---	⊙	⊙ = ELECTRICAL	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
---	---		---	---	---	---	---	---	---	---	(12.34)	---	⊙	⊙ = TELEPHONE	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙

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 Phone (702) 365-9312
 Fax (702) 365-9317
 www.lochsa.com

Lochsa
 engineering

GRADING PLANS
SHEET 1 OF 1

CITY OF LAS VEGAS
REGIONAL AQUATIC CENTER AT PAVILION POOL
LAS VEGAS, NEVADA

PROJECT No.: 211046
 DATE: 1/9/2023
 SCALE: 1"=20'
 DRAWN BY: CP
 DESIGNED BY: CP
 CHECKED BY: GW

SHEET No. 1/9/23
 SHEET No. C4.0
 SHEET 6 OF 6
 L21-00693
 107V8815