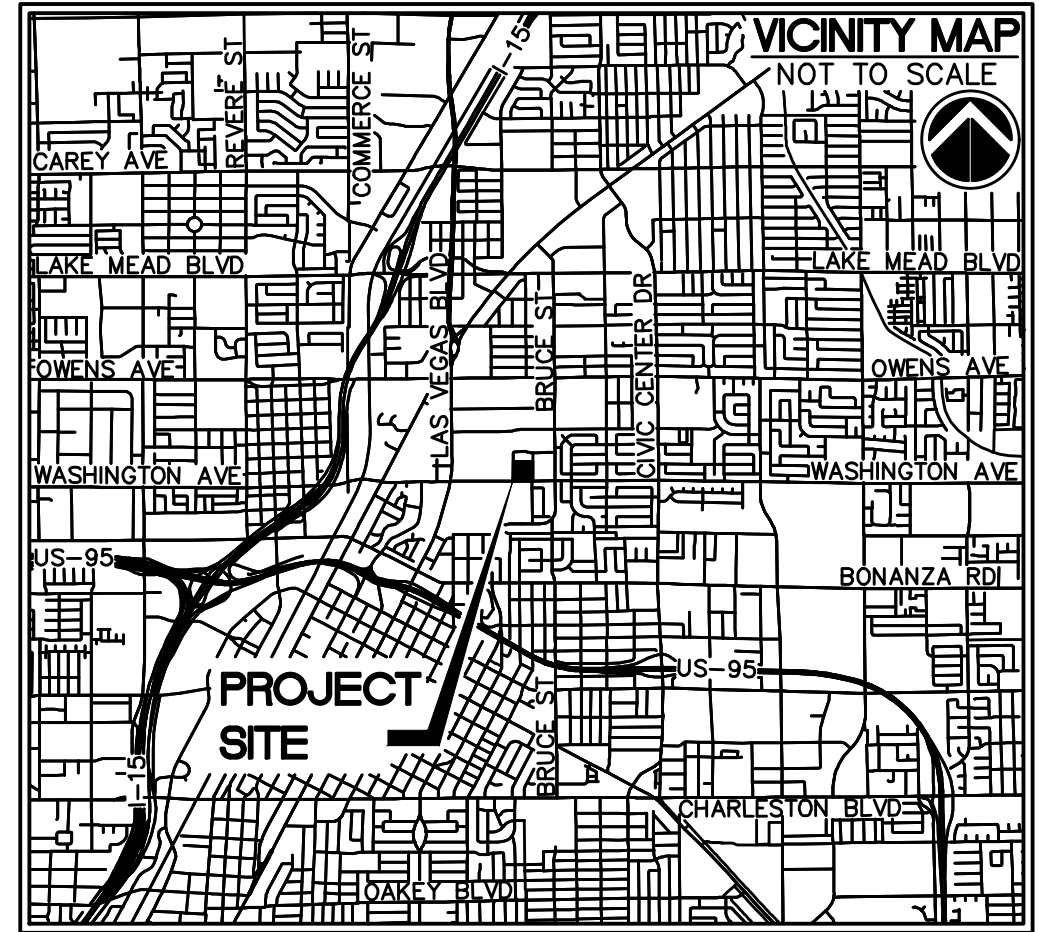
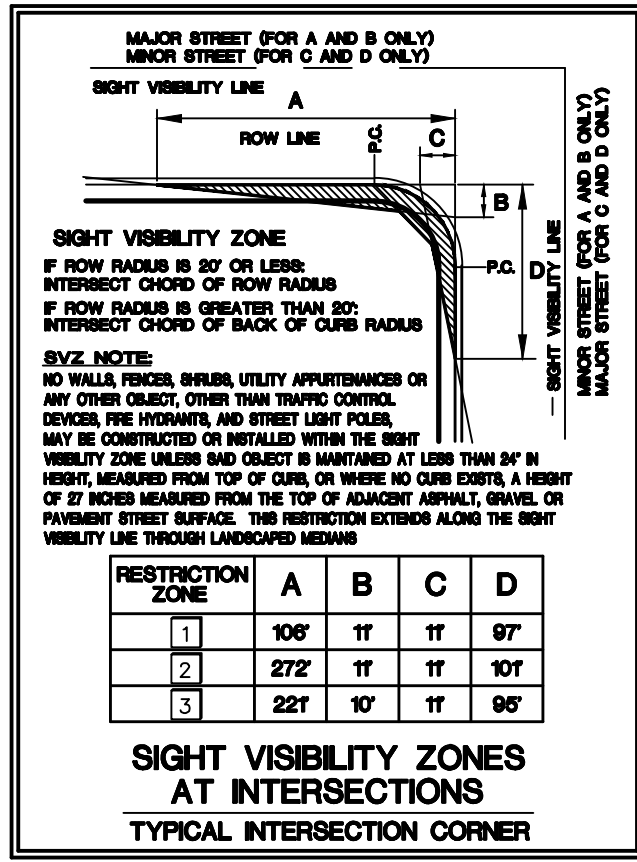
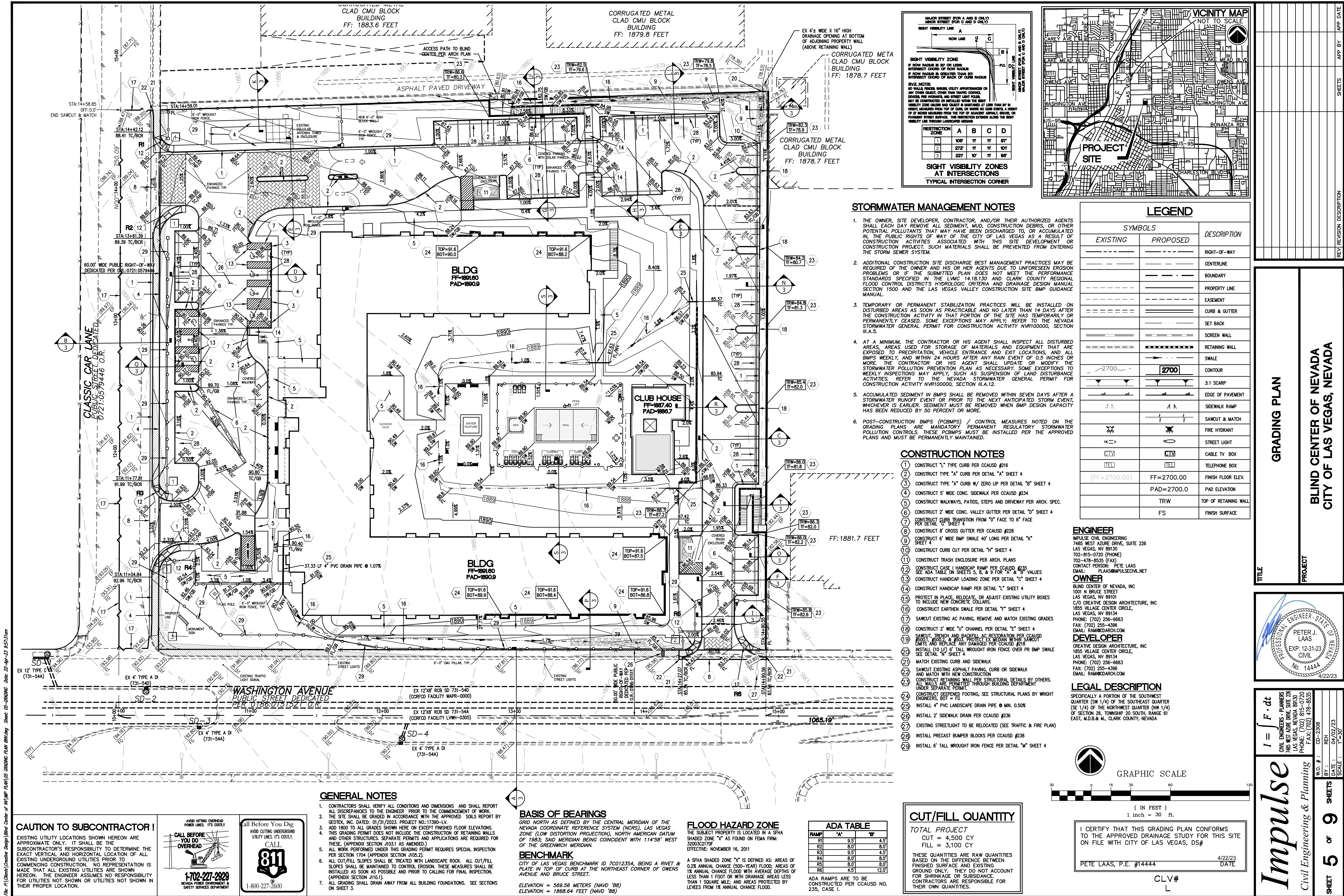




STORMWATER MANAGEMENT NOTES

1. THE OWNER, SITE DEVELOPER, CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO, OR ACCUMULATED IN, THE PUBLIC RIGHTS OF WAY OF THE CITY OF LAS VEGAS AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR CONSTRUCTION PROJECT. SUCH MATERIALS SHALL BE PREVENTED FROM ENTERING THE STORM SEWER SYSTEM.
2. ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN THE LVMS 14-18.130 AND CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT'S HYDROLOGIC CRITERIA AND DRAINAGE DESIGN MANUAL SECTION 1500 AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BMP GUIDANCE MANUAL.
3. TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. SOME EXCEPTIONS MAY APPLY; REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR100000, SECTION III.A.5.
4. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS, AND ALL BMPs WEEKLY, AND WITHIN 24 HOURS AFTER ANY RAIN EVENT OF 0.5 INCHES OR MORE. THE CONTRACTOR OR HIS AGENT SHALL UPDATE OR MODIFY THE STORMWATER POLLUTION PREVENTION PLAN AS NECESSARY. SOME EXCEPTIONS TO WEEKLY INSPECTIONS MAY APPLY, SUCH AS SUSPENSION OF LAND DISTURBANCE ACTIVITIES. REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR100000, SECTION III.A.12.
5. ACCUMULATED SEDIMENT IN BMPs SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT, WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE.
6. POST-CONSTRUCTION BMPs (PCBMPs) / CONTROL MEASURES NOTED ON THE GRADING PLANS ARE A MANDATORY PERMANENT STORMWATER POLLUTION CONTROLS. THESE PCBMPs MUST BE INSTALLED PER THE APPROVED PLANS AND MUST BE PERMANENTLY MAINTAINED.

CONSTRUCTION NOTES

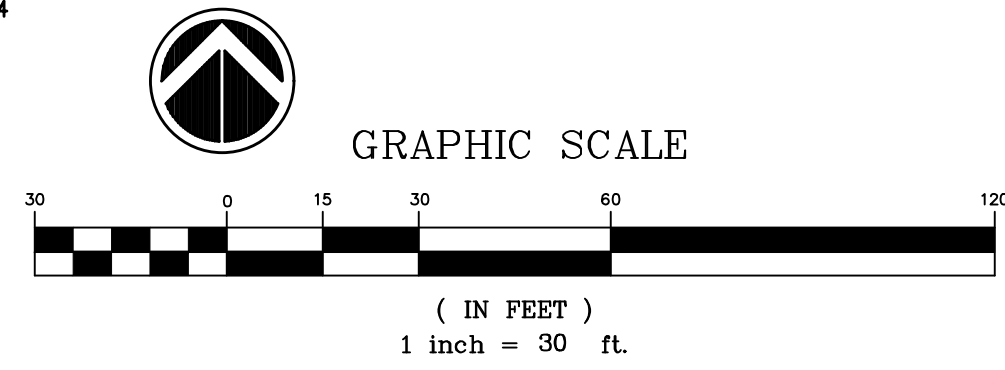
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ENGINEER
IMPULSE CIVIL ENGINEERING
7485 WEST AZURE DRIVE, SUITE 228
LAS VEGAS, NV 89130
702-815-0720 (PHONE)
702-478-8535 (FAX)
CONTACT PERSON: PETE LAAS
EMAIL: PLAS@IMPULSECIVIL.NET

OWNER
BLIND CENTER OF NEVADA, INC
1001 N BRUCE STREET
LAS VEGAS, NV 89101
C/O CREATIVE DESIGN ARCHITECTURE, INC
1855 VILLAGE CENTER CIRCLE,
LAS VEGAS, NV 89134
PHONE: (702) 256-6663
FAX: (702) 255-4396
EMAIL: RAM@CDARCH.COM

DEVELOPER
CREATIVE DESIGN ARCHITECTURE, INC
1855 VILLAGE CENTER CIRCLE,
LAS VEGAS, NV 89134
PHONE: (702) 256-6663
FAX: (702) 255-4396
EMAIL: RAM@CDARCH.COM

LEGAL DESCRIPTION
SPECIFICALLY A PORTION OF THE SOUTHWEST QUARTER (SW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 26, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.B. & M., CLARK COUNTY, NEVADA



CAUTION TO SUBCONTRACTOR !
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GENERAL NOTES

1. CONTRACTORS SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
2. THE SITE SHALL BE GRADED IN ACCORDANCE WITH THE APPROVED SOILS REPORT BY GEOTECH, INC. DATED: 01/31/2023. PROJECT NO: 17390-LV.
3. ADD 1800 TO ALL GRADES SHOWN HERE ON EXCEPT FINISHED FLOOR ELEVATIONS.
4. THIS GRADING PERMIT DOES NOT INCLUDE THE CONSTRUCTION OF RETAINING WALLS AND OTHER STRUCTURES. SEPARATE PERMITS AND APPLICATIONS ARE REQUIRED FOR THESE. (APPENDIX SECTION J10.1.1 AS AMENDED).
5. ALL WORK PERFORMED UNDER THIS GRADING PERMIT REQUIRES SPECIAL INSPECTION PER SECTION 1704 (APPENDIX SECTION J10.2).
6. ALL CUT/FILL SLOPES SHALL BE TREATED WITH LANDSCAPE ROCK. ALL CUT/FILL SLOPES SHALL BE MAINTAINED TO CONTROL EROSION. THESE MEASURES SHALL BE INSTALLED AS SOON AS POSSIBLE AND PRIOR TO CALLING FOR FINAL INSPECTION. (APPENDIX SECTION J10.1.1).
7. ALL GRADING SHALL DRAIN AWAY FROM ALL BUILDING FOUNDATIONS. SEE SECTIONS ON SHEET 3.

BASIS OF BEARINGS

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS). LAS VEGAS ZONE (LOW DISTORTION PROJECTION), NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK ID 7C012354, BEING A RIVET & PLATE IN TOP OF CURB AT THE NORTHEAST CORNER OF OWENS AVENUE AND BRUCE STREET.

ELEVATION = 569.56 METERS (NAVD '88)
ELEVATION = 1868.64 FEET (NAVD '88)

FLOOD HAZARD ZONE

THE SUBJECT PROPERTY IS LOCATED IN A SFHA SHADED ZONE "X" AS FOUND ON FEMA FORM: 320032/107R. EFFECTIVE: NOVEMBER 16, 2011

A SFHA SHADED ZONE "X" IS DEFINED AS: AREAS OF 0.2% ANNUAL CHANCE (500-YEAR) FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.

ADA TABLE		
RAMP	"A"	"B"
R1	9.5	4.5
R2	8.0	8.0
R3	9.5	4.5
R4	8.0	8.0
R5	8.0	8.0
R6	4.5	12.0

ADA RAMPS ARE TO BE CONSTRUCTED PER CCAUSD NO. 235, CASE 1.

CUT/FILL QUANTITY

TOTAL PROJECT
CUT = 4,500 CY
FILL = 3,100 CY

THESE QUANTITIES ARE RAW QUANTITIES BASED ON THE DIFFERENCE BETWEEN FINISHED SURFACE AND EXISTING GROUND ONLY. THEY DO NOT ACCOUNT FOR SHRINKAGE OR SUBSIDENCE. CONTRACTORS ARE RESPONSIBLE FOR THEIR OWN QUANTITIES.

I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY FOR THIS SITE ON FILE WITH CITY OF LAS VEGAS, NV.

PETE LAAS, P.E. #14444

4/22/23
DATE

CLV#
L

Impulse
Civil Engineering & Planning

GRADING PLAN

BLIND CENTER OF NEVADA
CITY OF LAS VEGAS, NEVADA

PROJECT

LEGEND

SYMBOLS		DESCRIPTION
EXISTING	PROPOSED	
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---	---	BOUNDARY
---	---	PROPERTY LINE
---	---	EASEMENT
---	---	CURB & GUTTER
---	---	SET BACK
---	---	SCREEN WALL
---	---	RETAINING WALL
---	---	SWALE
---	---	CONTOUR
---	---	3:1 SCARP
---	---	EDGE OF PAVEMENT
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---	---	FIRE HYDRANT
---	---	STREET LIGHT
---	---	CABLE TV BOX
---	---	TELEPHONE BOX
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GRAPHIC SCALE

(IN FEET)
1 inch = 30 ft.

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NEVADA POWER ENVIRONMENT & SAFETY SERVICES DEPARTMENT

811
1-800-227-2600

LEGEND

SYMBOLS		DESCRIPTION
EXISTING	PROPOSED	
---	---	RIGHT-OF-WAY
---	---	CENTERLINE
---	---	BOUNDARY
---	---	PROPERTY LINE
---	---	EASEMENT
---	---	CURB & GUTTER
---	---	SET BACK
---	---	SCREEN WALL
---	---	RETAINING WALL
---	---	SWALE
---	---	CONTOUR
---	---	3:1 SCARP
---	---	EDGE OF PAVEMENT
---	---	SAWCUT & MATCH
---	---	FIRE HYDRANT
---	---	STREET LIGHT
---	---	CABLE TV BOX
---	---	TELEPHONE BOX
---	---	FINISH FLOOR ELEV.
---	---	PAD ELEVATION
---	---	TOP OF RETAINING WALL
---	---	FINISH SURFACE

CONSTRUCTION NOTES

1. CONSTRUCT "L" TYPE CURB PER CCAUSD #216
2. CONSTRUCT TYPE "A" CURB PER DETAIL "A" SHEET 4
3. CONSTRUCT TYPE "A" CURB W/ ZERO SLOPE PER DETAIL "B" SHEET 4
4. CONSTRUCT 5' WIDE CONC. SIDEWALK PER CCAUSD #234
5. CONSTRUCT WALKWAYS, PATIOS, STEPS AND DRIVEWAY PER ARCH. SPEC.
6. CONSTRUCT 2' WIDE CONC. VALLEY GUTTER PER DETAIL "D" SHEET 4
7. CONSTRUCT CURB TRANSITION FROM "D" FACE TO "G" FACE
8. CONSTRUCT 8' CROSS GUTTER PER CCAUSD #228
9. CONSTRUCT 6' WIDE BMP SWALE 40' LONG PER DETAIL "K" SHEET 4
10. CONSTRUCT CURB CUT PER DETAIL "H" SHEET 4
11. CONSTRUCT TRASH ENCLOSURE PER ARCH. PLANS
12. CONSTRUCT CASE 1 HANDICAP RAMP PER CCAUSD #235
13. SEE ADA TABLE ON SHEETS 5, 6, & 9 FOR "A" & "B" VALUES
14. CONSTRUCT HANDICAP LOADING ZONE PER DETAIL "C" SHEET 4
15. CONSTRUCT HANDICAP RAMP PER DETAIL "L" SHEET 4
16. PROTECT IN PLACE, RELOCATE, OR ADJUST EXISTING UTILITY BOXES TO INCLUDE NEW CONCRETE COLLARS.
17. CONSTRUCT EARTHEN SWALE PER DETAIL "T" SHEET 4
18. SAWCUT EXISTING AC PAVING, REMOVE AND MATCH EXISTING GRADES
19. CONSTRUCT 2' WIDE "U" CHANNEL PER DETAIL "E" SHEET 4
20. SAWCUT EXISTING ASPHALT PAVING, CURB OR SIDEWALK AND MATCH WITH NEW CONSTRUCTION
21. CONSTRUCT RETAINING WALL PER STRUCTURAL DETAILS BY OTHERS. ALL WALLS ARE PERMITTED THROUGH BUILDING DEPARTMENT UNDER SEPARATE PERMIT.
22. CONSTRUCT PRECAST CONCRETE FOOTING, SEE STRUCTURAL PLANS BY WRIGHT ENGINEERS, BOUT = FC
23. INSTALL 4" PVC LANDSCAPE DRAIN PIPE @ MIN. 0.50%
24. INSTALL 2" SIDEWALK DRAIN PER CCAUSD #236
25. EXISTING STREETLIGHT TO BE RELOCATED (SEE TRAFFIC & FIRE PLAN)
26. INSTALL PRECAST BUMPER BLOCKS PER CCAUSD #238
27. INSTALL 6' TALL WROUGHT IRON FENCE PER DETAIL "M" SHEET 4

GRAPHIC SCALE

(IN FEET)
1 inch = 30 ft.

CAUTION TO SUBCONTRACTOR !
EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE SUBCONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

CALL BEFORE YOU DIG
1-800-227-2939
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