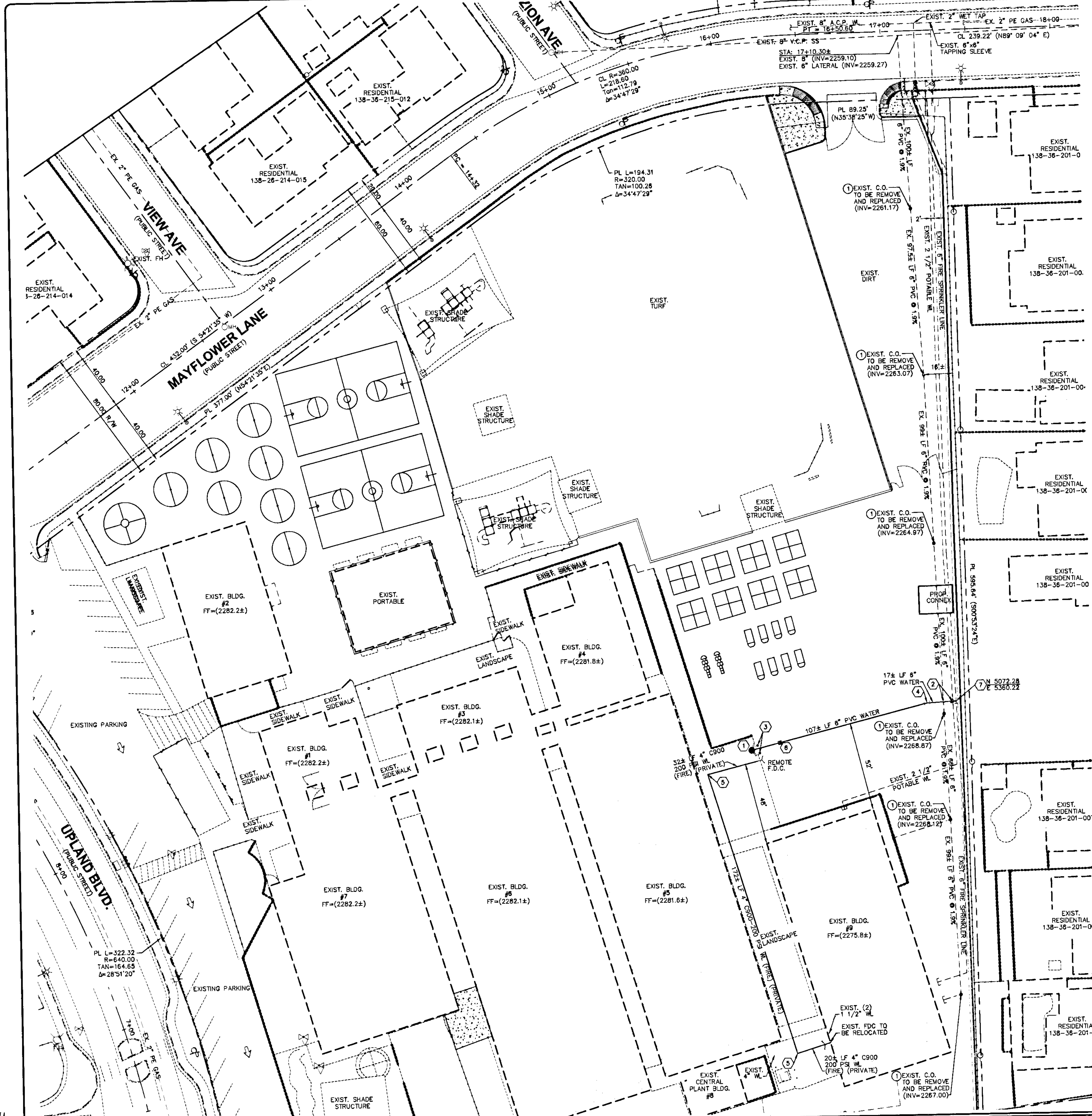


123741

NOTE:

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

2. CONTRACTOR TO COORDINATE WITH RESPONSIBLE UTILITY FOR RELOCATION/ REMOVAL OF EXISTING POWER POLES WHERE CONFLICT APPLIES

EXISTING SERVICES:

IF ANY OF THE EXISTING SERVICES ARE INCORRECTLY LOCATED OR NOT USED FOR ANY REASON, THE DEVELOPER SHALL ABANDON THE LATERALS AT THE CONNECTION TO THE ACTIVE MAIN IN ACCORDNACE WITH THE UDACS STANDARDS, AND AT THE DEVELOPER'S EXPENSE.

ALL SEWER/STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.19 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES. ESN.064 REV. 06/01/04

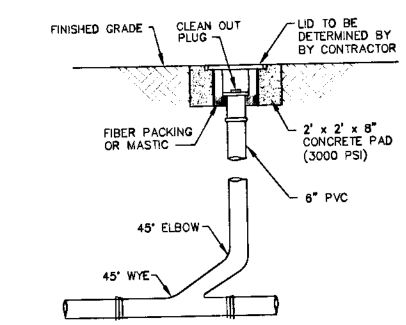
METERS MUST BE SET IN HORIZONTAL POSITION. AT LEAST EIGHT (8) DIAMETERS OF STRAIGHT PIPE ARE REQUIRED AT THE INLET END. ESN.022 REV. 6/1/04

WATER NOTES:

1. INSTALL 6" FIRE HYDRANT ASSEMBLY (INCLUDE 6" GATE VALVE) PER UDACS PLATE No. 7. PROVIDE A MINIMUM OF 3' CLEARANCE AROUND FIRE HYDRANT.
2. INSTALL CROSSING WITH "A VERTICAL SEPARATION OF NO LESS THAN 6" (6) INCHES..." AND IN ACCORDANCE WITH U.D.A.C.S. 2.19.02.B (1,2,3)
3. INSTALL BOLLARDS PER U.D.A.C.S. PLATE No. 23 (TYP)
4. INSTALL 6", 11.25 DEGREE BEND PER U.D.A.C.S. PLATE No. 5.
5. INSTALL 4", 90° BEND (200 PSI)
6. BLUE COLORED REFLECTIVE MARKER INSTALLED IN PAVEMENT ADJACENT TO THE FIRE HYDRANT.
7. INSTALL 6" x 6" MECHANICAL JOINT (OR APPROVED EQUAL) TAPPING SLEEVE AND 6" TAPPING VALVE PER U.D.A.C.S. PLATE No. 22.

SEWER NOTES:

1. INSTALL CLEANOUT PER DETAIL "A" – THIS SHEET

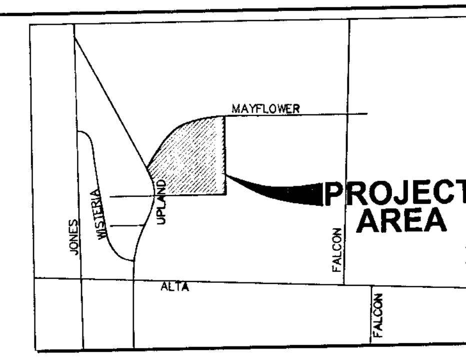


SEWER CLEANOUT - DETAIL "A"

N.T.S.

FIRE FLOW CALCULATIONS:

Fire Flow Requirement is 2,500 gallons per minute at 20 psi residual pressure.
Based on:
Square Footage: 13,440 square feet
Largest area between 4–Hour area separation walls: N/A square feet
Building height: 16'-4" feet
Number of Stories: ONE (1) floors
Type of Construction: IIB
Occupancy: E
Full Automatic Fire Sprinkler System: ☐ Yes ☒ No
Reviewed By: [signature] City Of Las Vegas Fire Dept. Date: 3/19/10



VICINITY MAP

N.T.S.

NORTH

GRAPHIC SCALE

(IN FEET)
1 inch = 30 ft.

APN: 138-36-201-001

BASIS OF BEARINGS

S 00°53'24" W, BEING THE CENTERLINE OF FALCON LANE, RECORDED IN BOOK 6 PAGE 51 OF PLATS.

BENCHMARK

CITY OF LAS VEGAS No.0LV00 36W6, RIVET & PLATE IN TOP OF CURB @ SE CORNER OF ALTA & UPLAND.

ELEV. 695.1102m, 2280.54ft.

DO NOT SCALE DRAWINGS

CCSD CLARK COUNTY SCHOOL DISTRICT

APPROVED	DATE
ENGINEERING	
DRAFTER:	
SPECIALIST:	
ARCHITECTURAL:	
ELECTRICAL:	
MECHANICAL:	
CIVIL:	
COORDINATOR:	

☐ ASBESTOS WORK IS REQUIRED
☒ NO ASBESTOS WORK REQUIRED

REQUIREMENTS
SITE ADMINISTRATOR:
CODE COMPLIANCE:
AHERA REVIEW:
FSR/FSRR:
PROJECT MANAGER:
SPECIAL PROJECTS:
FINAL:
DRAFTER:

Call before you UnderGround 1-702-455-7511 CLARK COUNTY TRAFFIC OPERATIONS 1-702-455-7540 CLARK COUNTY ROAD AND MAINTENANCE MANAGEMENT AND 1-702-432-5300 FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

Avoid overhead power line contact. It's costly. Call before you OVERHEAD 1-702-227-2929

Call before you Dig. Avoid cutting underground utility lines. It's costly. Call 811 OR 1-800-227-2600 CLARK COUNTY TRAFFIC OPERATIONS 1-702-455-7544

REV:	DESCRIPTION:	DATE:	BY:

Nevada By Design ENGINEERING CONSULTANTS 3515 East Harmon Avenue Las Vegas, NV 89121 Phone (702) 938-1525 – Fax (702) 938-1530 www.nvbydesign.com

DRAWN BY:	CJL	SCALE:	1" = 30'
DESIGNED BY:	CJL	JOB NUMBER:	09773
CHECK BY:	CLN	DATE	3-17-10

PROJECT: **RED ROCK ELEMENTARY SCHOOL SITE IMPROVEMENTS**

DRAWING TITLE: **UTILITY PLAN**

SEAL: CLAYTON L. NEILSEN EXP: 12/31/11 CIVIL No. 14132 PROFESSIONAL ENGINEER STATE OF NEVADA

SHEET NO.: **C4.00**

SHEET 5 OF 8
MPID No. 2444
CLV # 139V5460
H# 34492

LEGEND

CENTERLINE	EASEMENT LINE	HEAVY AC PVMT.
PROPERTY LINE	SAWCUT LINE	LIGHT AC PVMT.
ROW LINE	SCARP LINE	CONC. PVMT.

MANHOLES & DESCRIPTIONS: Ⓢ = SANITARY SEWER Ⓔ = ELECTRICAL Ⓓ = STORM DRAIN Ⓣ = TELEPHONE

DESCRIPTION:	CAP	BO VALVE	CLEAN OUT	FDC	FIRE HYDRANT	GATE VALVE	REDUCER	100w HPS STREETLIGHT	150w HPS STREETLIGHT	200w HPS STREETLIGHT	250w HPS STREETLIGHT	400w HPS STREETLIGHT	5' CONTOUR LINE	1' CONTOUR LINE	EDGE OF PVMT.	"A" TYPE CURBS	"L" TYPE CURBS	WALLS	FENCES	SPOT ELEVATIONS	SIGNS
EXISTING:													—(2210)—							(12.3±)	
PROPOSED:													—2210—	—2211—						12.34 BC	