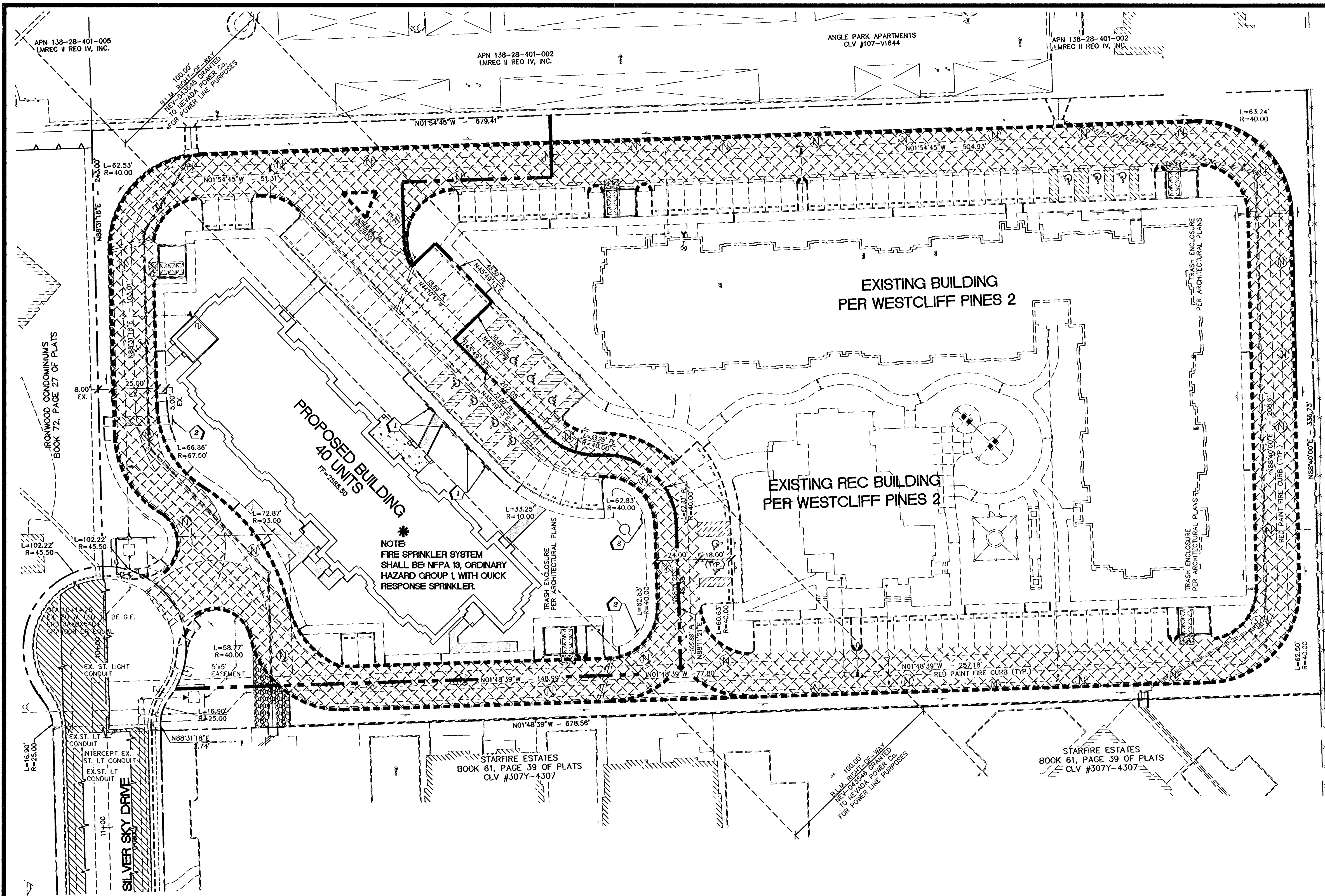




KEY NOTES

1. INSTALL 30" R1-1 (STOP SIGN)
2. INSTALL FIRE LANE SIGNAGE. SEE DETAIL "A", THIS SHEET

LEGEND

- PROPOSED EDGE OF PAVEMENT
- FIRE ACCESS LANE
- PAINTED RED CURB (NO PARKING FIRE LANE)
- PAINTED WHITE BLOCK LETTERING - "NO PARKING FIRE LANE" (NOT LESS THAN 4 INCHES IN HEIGHT WITH A STROKE OF NOT LESS THAN 3/4 INCH EVERY 50' TO FIT ON CURB)
- FIRE SPRINKLER RISER
- REMOTE FIRE DEPARTMENT CONNECTION (FDC)
- PROPOSED FIRE HYDRANT
- EXISTING FIRE HYDRANT
- PROPOSED SIGN (SEE THIS SHEET)
- HANDICAP SIGN AND PARKING

ABBREVIATIONS

- | | | |
|------------------|--------------------|-------------------|
| N = NORTH | EXIST. = EXISTING | TYP. = TYPICAL |
| E = EAST | PROP. = PROPOSED | SW = SIDEWALK |
| S = SOUTH | EX. = EXISTING | L = LENGTH |
| W = WEST | R/W = RIGHT OF WAY | R = RADIUS |
| STA = STATIONING | WL = WATER LINE | FF = FINISH GRADE |

THIS SHEET IS FOR OVERALL VIEW OF UTILITIES ONLY. REFER TO SHEET UT1 FOR COMPLETE UTILITY INFORMATION.

BASIS OF BEARING

NORTH 88°31'18" EAST, BEING THE BEARING OF THE SOUTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 28, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., AS SHOWN ON A MAP ON FILE IN THE CLARK COUNTY, NEVADA RECORDER'S OFFICE AS FILE 109, PAGE 2 OF PARCEL MAPS.

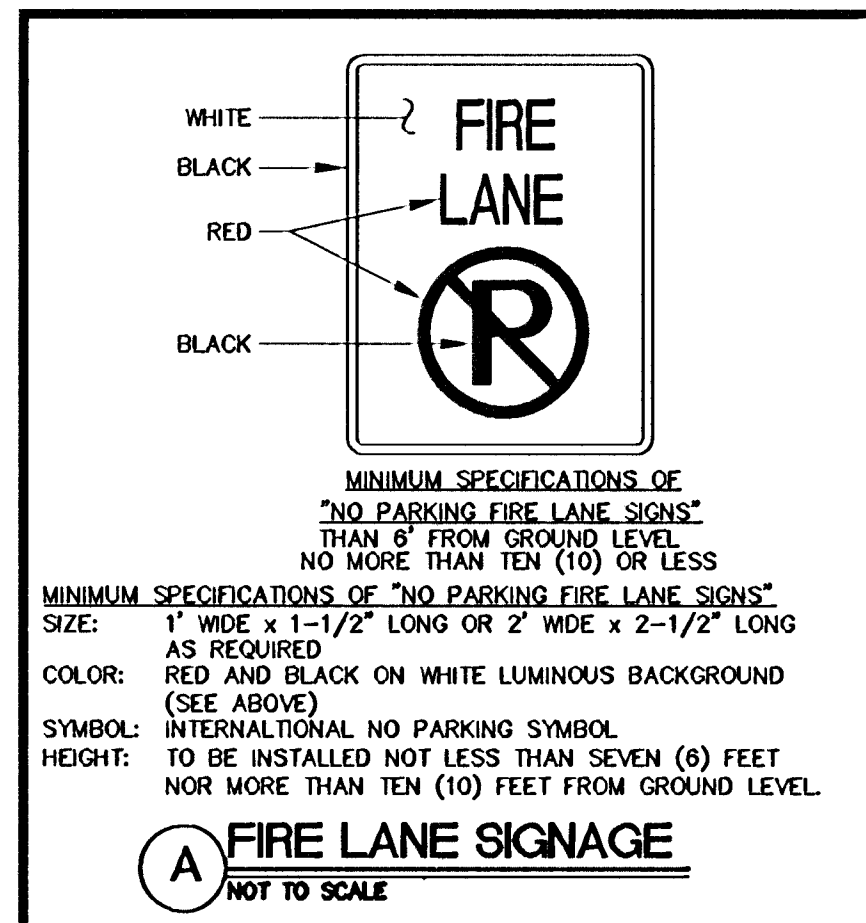
BENCHMARK

FOUND RIVET AND PLATE IN THE TOP OF CURB AT THE NW CORNER OF WESTCLIFF AND CIMARRON
#909 OLVD00 2854
777.844 (m) 2551.98 (ft)

FIRE FLOW CALCULATIONS (PROPOSED BUILDING)

FIRE FLOW REQUIREMENT IS: 1875 GALLONS PER MINUTE AT 20 PSI RESIDUAL PRESSURE. BASED ON:

SQUARE FOOTAGE:	45,346	S.F.
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS:	N/A	S.F.
BUILDING HEIGHT:	36'-10"	FEET
NUMBER OF STORIES:	3	FLOORS
TYPE OF CONSTRUCTION:	TYP. V-A	
OCCUPANCY:	R2, B & A2	
FULL AUTOMATIC SPRINKLERS SYSTEM	YES	



APPROVALS

DESIGNED BY: *Scott Jermi*
CITY FIRE DEPARTMENT
CHECKED BY: *DeMundo*
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 8/29/13 PROJECT NO. 121833
LWWD APPROVED FIRE FLOW 1875 GPM AT 20 PSI RESIDUAL

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD 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
Avoid cutting underground utility lines. It's costly.

Call 811

1-800-227-2600
OR
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544

Avoid overhead power line contact

Call before you Dig
Call 1-702-227-2929

NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

Avoid hitting underground traffic signal systems and street light system conduits. It's costly.

Call before you Dig
Call 1-702-227-2929

CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7511
LAS VEGAS AREA COMPLEXED TRAFFIC SYSTEM

NEVADA HAND.
285 EAST WARD SPRINGS ROAD SUITE 101
LAS VEGAS, NV 89118
TEL: (702) 735-3345 CONTACT: ROBERT FIEBELMAN

L.R. NELSON CONSULTING ENGINEERS, INC.
6745 West Russell Road Suite 200
Las Vegas, Nevada 89118
TEL: (702) 735-7275
• CIVIL
• PLANNING
• SURVEY

SHEET
MASTER WATER/STREETLIGHTING and FIRE ACCESS PLAN
WESTCLIFF PINES 3
ROLAND WILEY ROAD and SILVER SKY DRIVE
CITY OF LAS VEGAS

DRAWN BY: May '12
DESIGNED BY: May '12
CHECKED BY: May '12
PROJECT NO.: 121833
SCALE: 1" = 30'

SEAL
Vernon R. Harkins
Professional Engineer
No. 009896
Exp. 6/30/13
Civil

SHEET
FA1
07 OF 08 SHEETS
CLV DRAWING NO.
1151177
12145392-3