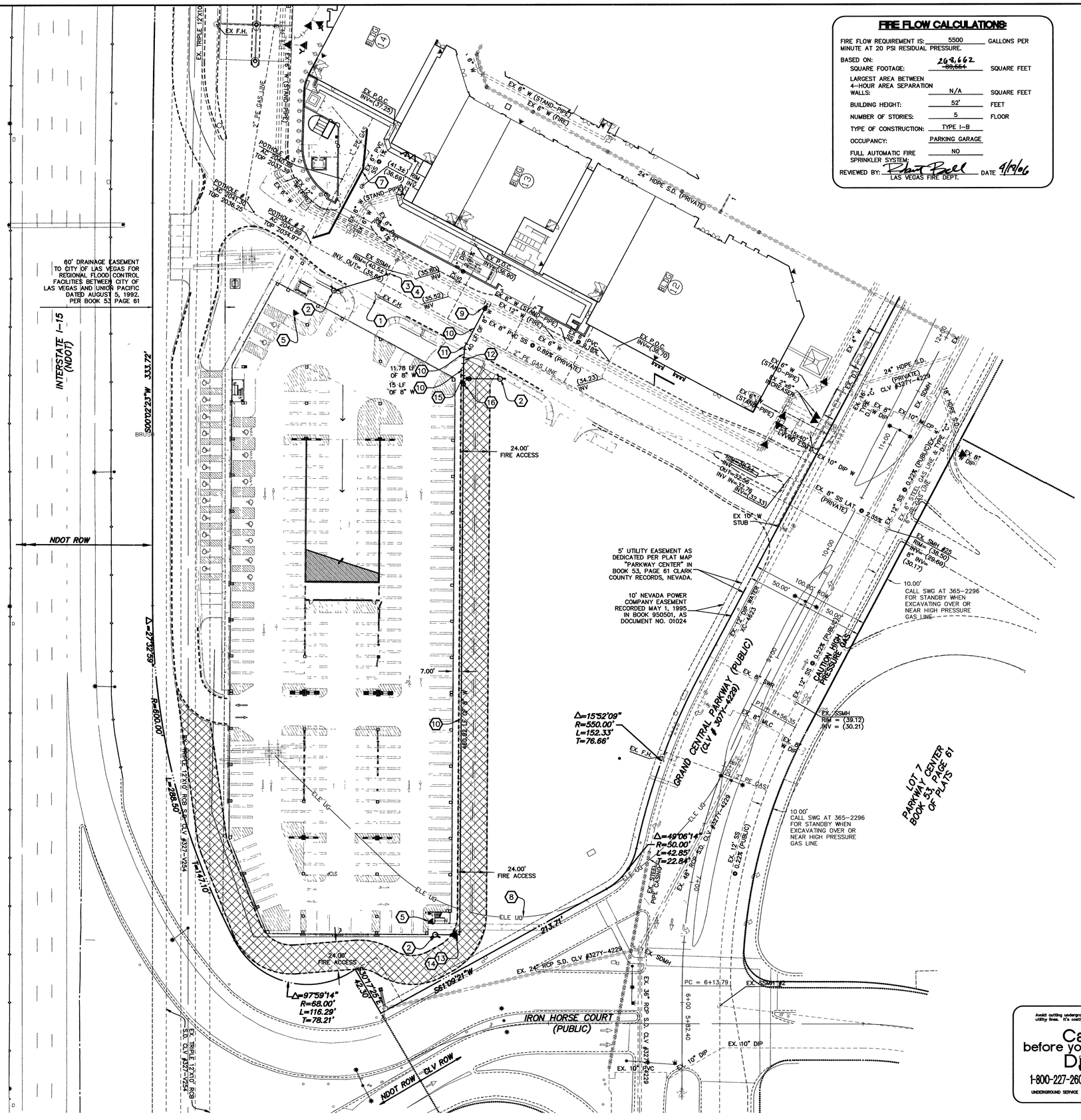


FIRE FLOW CALCULATIONS:

FIRE FLOW REQUIREMENT IS: 5500 GALLONS PER MINUTE AT 20 PSI RESIDUAL PRESSURE.

BASED ON:

SQUARE FOOTAGE:	263,662 ~~89,564~~	SQUARE FEET
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS:	N/A	SQUARE FEET
BUILDING HEIGHT:	52'	FEET
NUMBER OF STORIES:	5	FLOOR
TYPE OF CONSTRUCTION:	TYPE I-B	
OCCUPANCY:	PARKING GARAGE	
FULL AUTOMATIC FIRE SPRINKLER SYSTEM:	NO	

REVIEWED BY: Robert Boell LAS VEGAS FIRE DEPT. DATE 4/18/06

BASIS OF BEARINGS

SOUTH 89°52'25" EAST, BEING THE BEARING OF THE SOUTH LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.M. AS SHOWN BY MAP THEREOF ON FILE IN BOOK 53 OF PLATS, PAGE 61, OF OFFICIAL RECORDS. SAID SECTION LINE ALSO BEING THE CENTERLINE OF CHARLESTON BLVD.

BENCHMARK

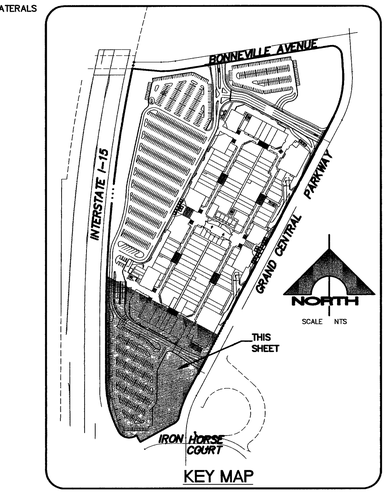
RIVET AND PLATE IN TOP OF CURB SW RETURN ALTA DRIVE AND MARTIN LUTHER KING BLVD
CITY OF LAS VEGAS B.M. 2LV01 33C4
NAVD 88 ELEVATION 623.8552 (M)
2046.76 (F)

FIRE SPRINKLER COORDINATION NOTE

LOCATE AND COORDINATE EXACT LOCATION OF LATERALS WITH BUILDING/ FIRE SPRINKLER CONTRACTOR.

NORTH
SCALE 1" = 40'

40 0 40 80
SCALE FEET



KEY MAP

NOTE

NDOT PERMIT REQUIRED FOR ANY WORK IN NDOT RIGHT OF WAY. CONTRACTOR TO OBTAIN.

SEWER CONTRIBUTIONS

DAILY AVERAGE = 0 MGD
PEAK FLOW = 0 MGD

FIRE LANE LEGEND

R=52' R=28' 24'
INDICATES ONSITE FIRE LANE LIMITS OF 24.0' WITH TYPICAL TURNING RADIUS.
INDICATES RED PAINTED CURB OR LANE LINE WITH "NO PARKING FIRE LANE" PAINTED EVERY 100'.
FIRE HYDRANT
HANDICAP SIGN AND PARKING

CONSTRUCTION NOTES

1. REMOVE AND RELOCATE EXISTING FIRE HYDRANT.
2. INSTALL FIRE HYDRANT ASSEMBLY PER UDACS PLATE NO. 7.
3. INSTALL 45° BEND.
4. CONTRACTOR TO FIELD VERIFY DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
5. FIRE DEPT. CONNECTION – SEE ARCHITECTURAL/FIRE PROTECTION PLANS FOR EXACT LOCATION.
6. INSTALL 6" FIRE STAND PIPE
7. RELOCATE EXISTING GAS LINE AS SHOWN
8. LOCATE AND CONNECT TO EXISTING UNDERGROUND POWER LINE SEE ELECTRICAL PLANS BY OTHERS
9. CONNECT TO EXISTING 12" WATER MAIN WITH 12"X8" TAPPING SLEEVE & 8" TAPPING VALVE.
10. INSTALL 8" CLASS 200 PVC WATER LINE.
11. INSTALL 22 1/2 DEG. BEND.
12. INSTALL 5 DEG. BEND
13. INSTALL 90 DEG BEND.
14. INSTALL 8"X6" REDEUCER.
15. INSTALL 8"X8"X6" TEE.
16. INSTALL 8" GATE VALVE.

Avoid cutting underground utility lines. It's costly.
Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE (USA)

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

Call before you UnderGround
1-702-455-7511
1-702-229-6611

APPROVED FOR CONSTRUCTION
SHEET C-1, C-2
Robert Boell 4/18/06
CITY OF LAS VEGAS FIRE DEPARTMENT DATE

APPROVED FOR CONSTRUCTION
SHEET C-1, C-2
4-18-06
LAS VEGAS VALLEY WATER DISTRICT DATE
PROJECT #

107V3573-2

STATE OF NEVADA PROFESSIONAL ENGINEER No. 8359 G.C. WALLACE CLARK COUNTY Exp. 12/31/2006 CIVIL
DATE: 4/19/06

REV.	DATE	DESCRIPTION	DATE AGEN. APP	DATE GOV. APP

DESIGN:
DRAWN:
CHECK:
ISSUE DATE:
ISSUE EDITOR:
PLOT DATE: 04-18-06
PLOT TIME: 10:31:44

G.C. WALLACE, INC.
Engineers/Planners/Surveyors
1555 SOUTH RAINBOW BLVD./LAS VEGAS, NEVADA 89146
TELEPHONE: (702) 804-2000 FAX: (702) 804-2299
G:\789-006\DWG\Comm\Improv Phase 2\006c005.dwg lgracia

LAS VEGAS PREMIUM OUTLET PHASE 2 DECK "A"

CHELSEA PROPERTY GROUP

UTILITY PLAN

DRAWING
C-5
5 OF 7 SHTS

91151