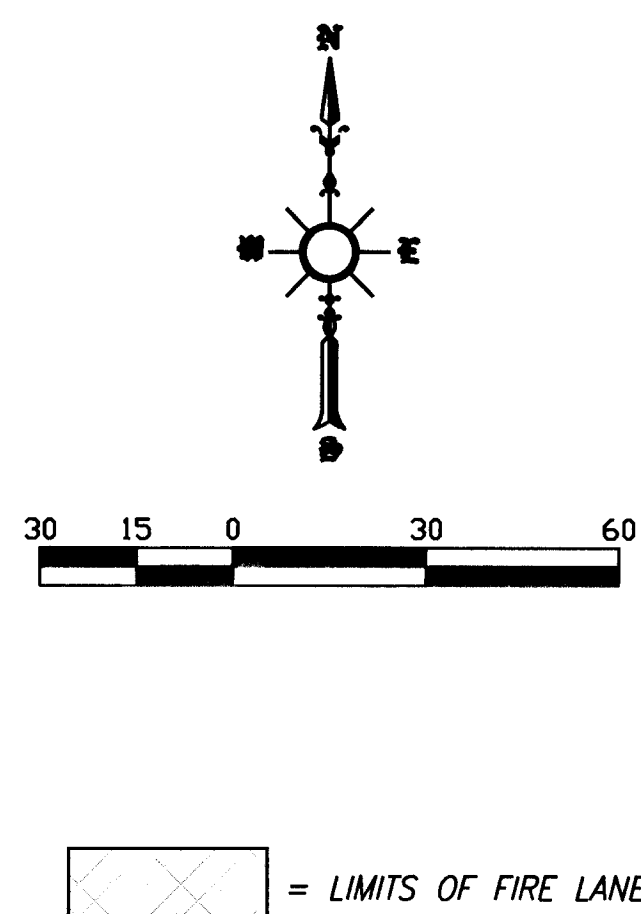
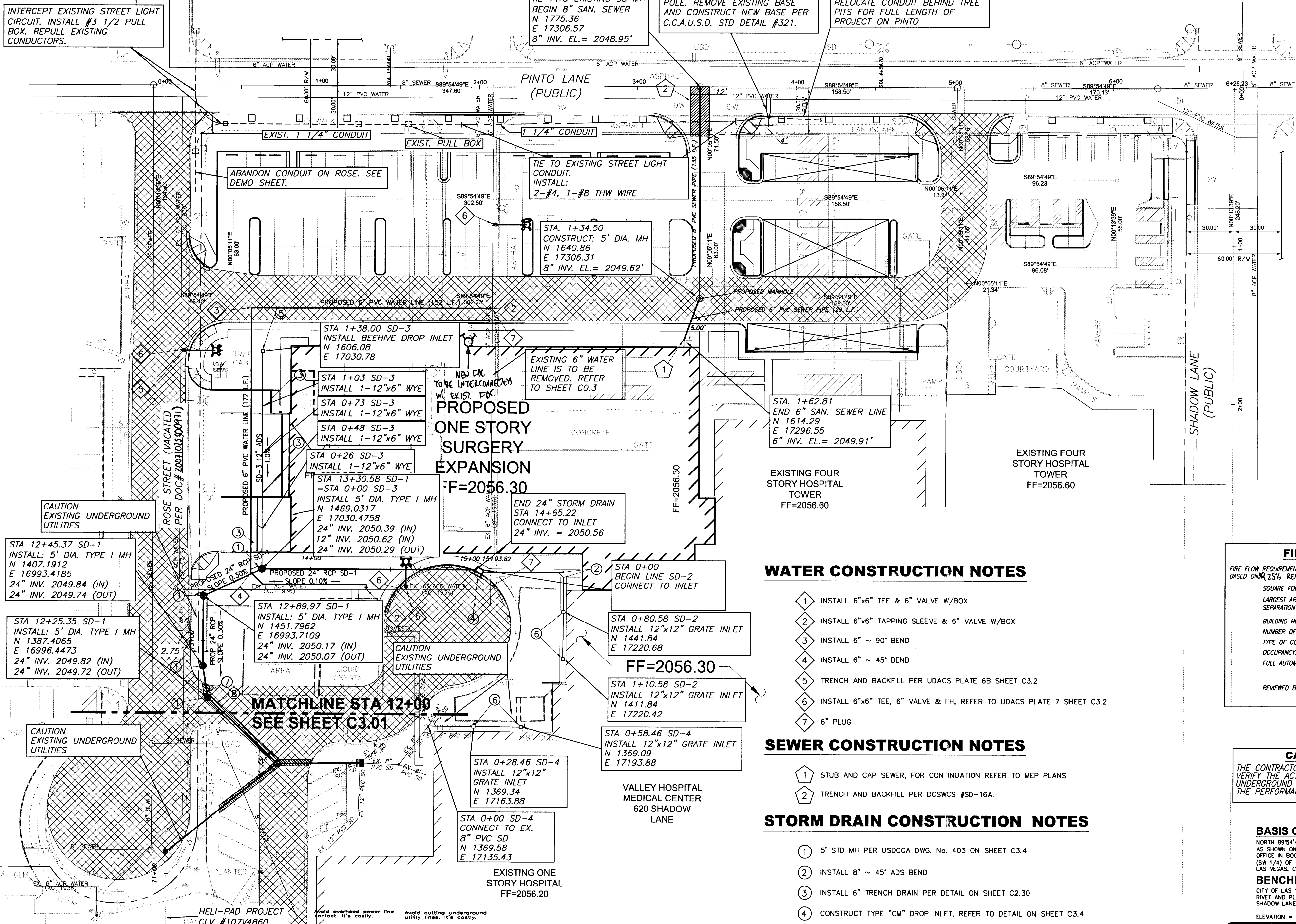


INTERCEPT EXISTING STREET LIGHT
CIRCUIT. INSTALL #3 1/2 PULL
BOX. REPULL EXISTING
CONDUCTORS.



UHS

CLIENT
UHS OF DELAWARE, INC
367 SOUTH GULPH ROAD
KING OF PRUSSIA, PA 19406

ARCHITECT
HKS ARCHITECTS, INC.
1919 MCKINNEY AVENUE
DALLAS, TX 75201

STRUCTURAL ENGINEER
HKS ARCHITECTS, INC.
1919 MCKINNEY AVE.
DALLAS, TX 75201-1753

MEP ENGINEER
OCD PARTNERS
3625 N. HALL ST., SUITE 1300 LB 139
DALLAS, TX 75219

DESIGN CONSULTANT
DESIGN STUDIO, INC.
161 LEVERINGTON AVENUE
PHILADELPHIA, PA 19127

CIVIL ENGINEER
LOPEZGARCIA GROUP
1825 MARKET CENTER, SUITE 500
DALLAS, TX 75207

LANDSCAPE ARCHITECT
JW ZUNINO AND ASSOCIATES
3191 S JONES BLVD
LAS VEGAS, NV 89146

HKS

Valley
Hospital Medical Center

**VALLEY HOSPITAL
MEDICAL CENTER
LAS VEGAS, NEVADA**

SURGERY EXPANSION

SEWER CONTRIBUTION
ESTIMATED AVERAGE DAILY SEWAGE FLOW: 0.045 MG
ESTIMATED PEAK DAILY SEWAGE FLOW: 0.156 MG

FIRE FLOW CALCULATIONS

FIRE FLOW REQUIREMENT IS 4500 GALLONS PER MINUTE AT 20 PSI RESIDUAL PRESSURE, BASED ON (25% REDUCTION)

SQUARE FOOTAGE:	390,749
LARGEST AREA BETWEEN 4-HOUR AREA	
SEPARATION WALLS:	N/A
BUILDING HEIGHT:	6'-6"
NUMBER OF STORIES:	1
TYPE OF CONSTRUCTION:	IA
OCCUPANCY:	INSTITUTIONAL
FULL AUTOMATIC FIRE SPRINKLER SYSTEM:	☒ YES ☐ NO

REVIEWED BY: *[Signature]* DATE: 6/24/07
LAS VEGAS FIRE DEPARTMENT

CAUTION TO CONTRACTOR

THE CONTRACTOR SHALL BE RESPONSIBLE TO INVESTIGATE AND VERIFY THE ACTUAL LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND FACILITIES AT LEAST 48 HOURS IN ADVANCE OF THE PERFORMANCE OF ANY WORK.

BASIS OF BEARINGS:
NORTH 89°54'49" WEST, BEING THE BEARING OF THE CENTERLINE OF PINTO LANE, AS SHOWN ON THAT CERTAIN MAP ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN BOOK 123, PAGE 37 OF PLATS, SITUATE IN THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

BENCHMARK:
CITY OF LAS VEGAS BENCHMARK 1LV01 33SW6
RIVET AND PLATE IN TOP OF CURB AT THE SOUTHEAST CORNER OF SHADOW LANE AND PALOMINO

ELEVATION = 626.313 METERS, 2054.83 FEET (NAVD 88)

REV.	DESCRIPTION:	DATE:	BY:

WATER CONSTRUCTION NOTES

- 1 INSTALL 6"x6" TEE & 6" VALVE W/BOX
- 2 INSTALL 6"x6" TAPPING SLEEVE & 6" VALVE W/BOX
- 3 INSTALL 6" ~ 90° BEND
- 4 INSTALL 6" ~ 45° BEND
- 5 TRENCH AND BACKFILL PER UDACS PLATE 6B SHEET C3.2
- 6 INSTALL 6"x6" TEE, 6" VALVE & FH, REFER TO UDACS PLATE 7 SHEET C3.2
- 7 6" PLUG

SEWER CONSTRUCTION NOTES

- 1 STUB AND CAP SEWER, FOR CONTINUATION REFER TO MEP PLANS.
- 2 TRENCH AND BACKFILL PER DCSWCS #SD-16A.

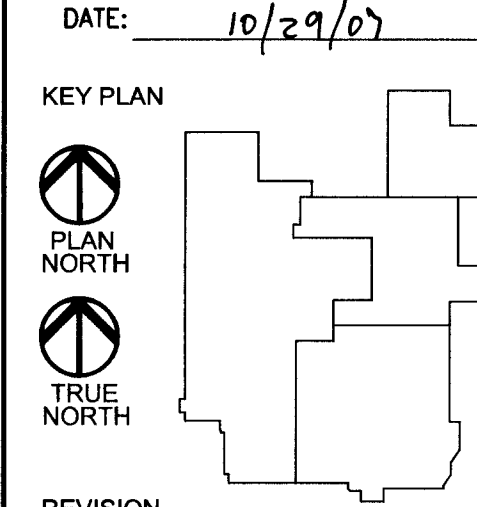
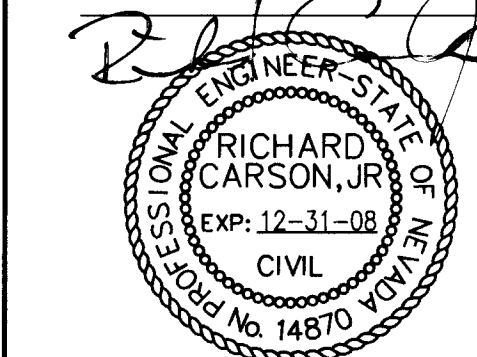
STORM DRAIN CONSTRUCTION NOTES

- 1 5' STD MH PER USDOCA DWG. No. 403 ON SHEET C3.4
- 2 INSTALL 8" ~ 45° ADS BEND
- 3 INSTALL 6" TRENCH DRAIN PER DETAIL ON SHEET C2.30
- 4 CONSTRUCT TYPE "CM" DROP INLET, REFER TO DETAIL ON SHEET C3.4
- 5 CONSTRUCT BEEHIVE DROP INLET PER USDOCA DETAIL No. 416 ON SHEET C3.01
- 6 CONSTRUCT 12" x 12" GRATE INLET PER DETAIL ON SHEET C3.01
- 7 TRENCH BACKFILL PER USDOCA DWG. No. 504 ON SHEET C3.4
- 8 REMOVE AND REPLACE PAVEMENT TO MATCH EXISTING PAVEMENT

Call before you OVERHEAD
1-702-227-2929

Call before you Dig
1-800-227-2600

Drawing: P:\DWG\06104.00_Valley_OR\Drawings\C3.0-Utility.dwg at Oct. 30, 2007--4:37pm by david.krueck
Layout: Layout1 Xrefs: 06000.0043.dwg - chibase.dwg - 182X36.dwg - utility base.dwg - x-05419-ip-add.dwg



HKS PROJECT NUMBER
07141.005

DATE
9 OCTOBER 2007

ISSUE
CONSTRUCTION DOCUMENTS

SHEET TITLE
UTILITY AND STREET LIGHT PLAN

C3.00

SHEET NO. 11 OF 21

107N1092-EX

© 2007 HKS ARCHITECTS INC.