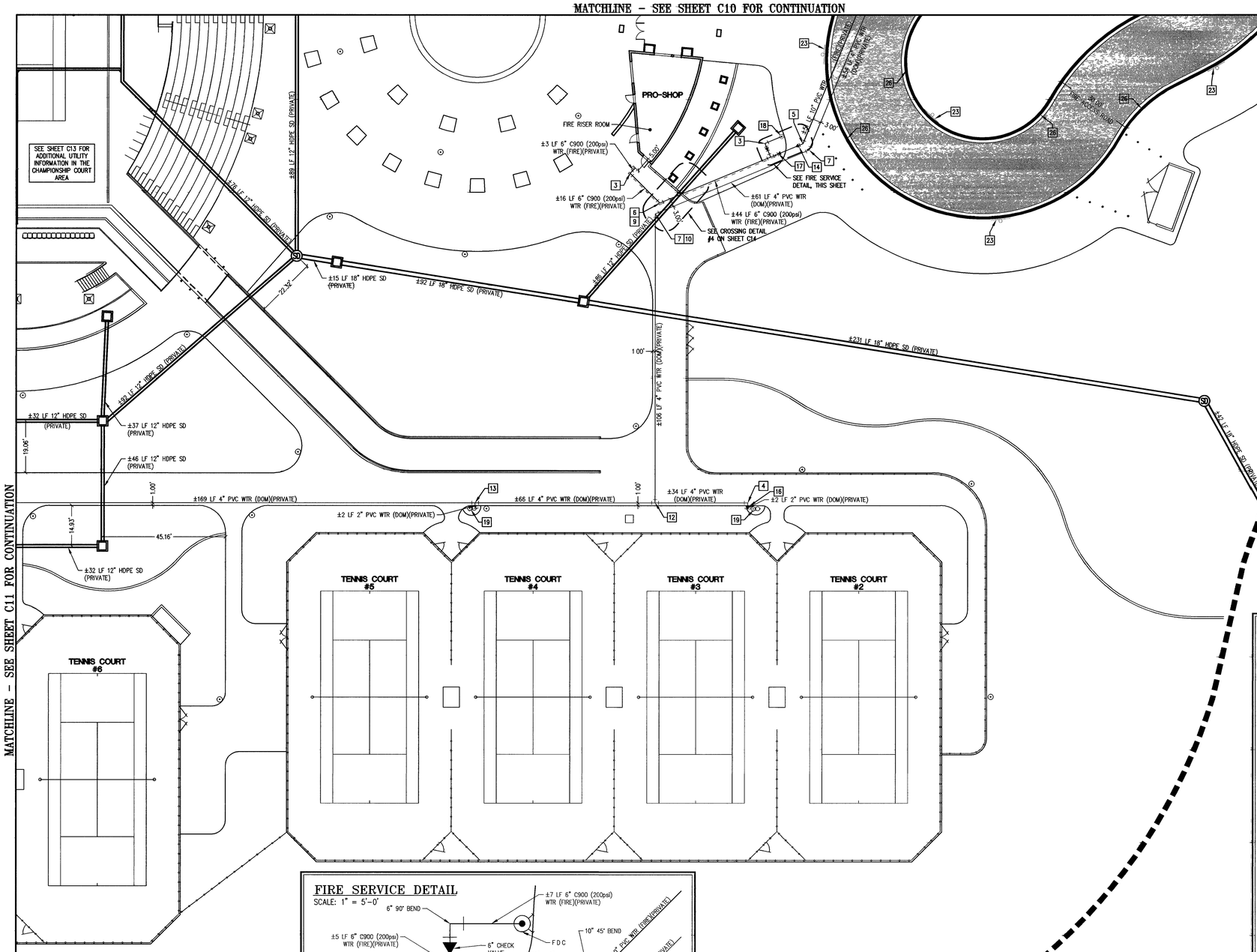
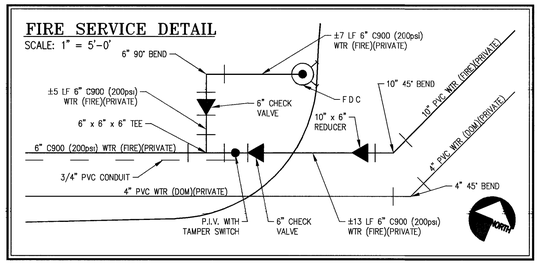
MATCHLINE - SEE SHEET C10 FOR CONTINUATION



FIRE SERVICE DETAIL

SCALE: 1" = 5'-0"



WASHINGTON/BUFFALO PARK PHASE 1B BY STANTEC

96943

FIRE HYDRANT INSTALLATION

FIRE HYDRANTS TO BE INSTALLED IN ACCORDANCE WITH THE UDACS STANDARD PLATE No 7

PUBLIC HYDRANTS ARE TO BE PAINTED "YELLOW" PRIVATE HYDRANTS ARE TO BE PAINTED "RED".

SITE LIGHTING NOTE

⊙ THIS SYMBOL INDICATES THE LOCATION OF PROPOSED SITE LIGHTING AND IS FOR REFERENCE ONLY. SEE LANDSCAPE PLANS FOR THE APPROPRIATE DRAWING(S) BY ALLEGRO CONSULTANTS INC FOR EXACT LOCATIONS AND DETAILS

PRESSURE REDUCTION VALVE NOTE

THIS PROJECT IS SERVED BY WATER FROM THE 2745 PRESSURE ZONE THE APPROXIMATE STATIC PRESSURE AT THE FIRST FLOOR OF THE BUILDING (PROSHOP) IS 66 p.s.i. A PRESSURE REDUCTION VALVE IS NOT REQUIRED FOR THE DOMESTIC SERVICE TO THE BUILDING

ORDINANCE 5115

PER CITY OF LAS VEGAS ORDINANCE 5115, THE FIRE SPRINKLER (CONTROL VALVES) OF FIRE-EXTINGUISHING SYSTEMS SHALL BE

1 LOCATED IN A ROOM WITH A ONE-HOUR OCCUPANCY SEPARATION AND AN EXTERIOR DOOR, OR

2 EQUIPPED WITH EXTERIOR INDICATOR POST VALVES (WALL CONTROL VALVES)

ENGINEER'S NOTES:

1 EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY IT SHALL BE THE CONTRACTOR'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 1-800-227-2600

2 SEE MECHANICAL PLANS FOR LOCATIONS, SIZES, AND DEPTHS OF ALL ONSITE UTILITIES AT THE PROPOSED BUILDINGS

3. SEE ELECTRICAL PLANS FOR ONSITE LIGHTING AND POWER SUPPLY.

4 SEE LANDSCAPE PLANS FOR ONSITE IRRIGATION

5 ALL DIMENSIONS TO UTILITIES ARE TO CENTERLINE OF PIPE UNLESS INDICATED OTHERWISE

6. STORM DRAIN SHOWN FOR REFERENCE ONLY, SEE GRADING PLANS.

7 NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY

NORTH

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20 ft

CONSTRUCTION NOTES:

1 INSTALL FIRE HYDRANT ASSEMBLY PER UDACS PLATE No 7

2 INSTALL 10" GATE VALVE PER UDACS PLATE No 3

3 INSTALL 6" 90° BEND PER UDACS PLATE No. 5

4 INSTALL 4" 90° BEND PER UDACS PLATE No. 5

5 INSTALL 10" 45° BEND PER UDACS PLATE No. 5

6 INSTALL 6" 45° BEND PER UDACS PLATE No 5

7 INSTALL 4" 45° BEND PER UDACS PLATE No 5

8 INSTALL 10" 22 1/2" BEND PER UDACS PLATE No. 5

9 INSTALL 6" 22 1/2" BEND PER UDACS PLATE No 5

10 INSTALL 4" 22 1/2" BEND PER UDACS PLATE No 5

11 INSTALL 10" x 10" x 8" TEE PER UDACS PLATE No. 5

12 INSTALL 4" x 4" x 4" TEE PER UDACS PLATE No 5

13 INSTALL 4" x 4" x 2" TEE PER UDACS PLATE No. 5

14 INSTALL 10" x 6" REDUCER PER UDACS PLATE No. 3

15 INSTALL 8" x 6" REDUCER PER UDACS PLATE No. 3

16 INSTALL 4" x 2" REDUCER PER UDACS PLATE No 3

17 INSTALL POST INDICATOR VALVE (P I V) WITH TAMPER SWITCH PER CLV STANDARDS

18 INSTALL FREESTANDING F.D.C. PER CLV STANDARDS

19 INSTALL DRINKING FOUNTAIN PER LANDSCAPE PLANS

20 INSTALL 48" TYPE I MANHOLE PER STD DWG #403

21 INSTALL 6" CLEANOUT PER DETAIL, SEE SHEET C14

22 INSTALL 24" R1-1 SIGN (STOP SIGN)

23 INSTALL NO PARKING FIRE LANE SIGN SEE DETAIL, SHEET C14

24 INSTALL R5-1 SIGN (DO NOT ENTER) WITH R5-1A SIGN (WRONG WAY)

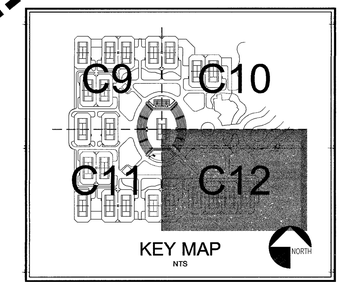
25 INSTALL TYPE II FILM DIRECTIONAL ARROW

26 INSTALL RED PAINT ON CURB FACE WITH 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 FACE)

NOTE: ALL WATER AND SEWER FITTINGS TO BE PVC UNLESS NOTED OTHERWISE.

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

Avoid overhead power line contact
Call before you OVERHEAD
1-702-227-2929
NEVADA POWER ENVIRONMENT & SAFETY SERVICES DEPARTMENT



KEY MAP
NTS

BASIS OF BEARING

NORTH 88°57'21" EAST BEING THE BASIS OF BEARINGS OF THE NORTH LINE OF THE NORTHEAST QUARTER (NE 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 28, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA AS SHOWN ON THAT CERTAIN MAP ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN FILE 83 OF SURVEYS, AT PAGE 19

BENCHMARK

CITY OF LAS VEGAS BENCHMARK STAMPED OLV00 21SWS
RIVET & PLATE IN TOP OF CURB ON NORTH SIDE OF VEGAS @ DURANGO
ELEVATION = 785.6635 Meters (NAVD'88)
ELEVATION = 2577.63 U.S. Survey Feet (NAVD'88)

NOTE TO CONTRACTOR:

STANTEC CONSULTING, INC. HAS ENDEAVORED TO PROVIDE ACCURATE UTILITY INFORMATION BASED ON THE MOST CURRENT DATA AVAILABLE THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF UNDERGROUND UTILITIES SHOWN OR NOT SHOWN ON THESE PLANS WITH RESPECT TO LINE AND GRADE PRIOR TO CONSTRUCTION.

NOTICE

Use of the information contained in this instrument for other than the specific purpose for which it was intended and for other than the client for whom it was prepared is forbidden unless expressly permitted in writing in advance by STANTEC CONSULTING, INC shall have no liability to any use of this information without their written consent.

FIRE FLOW DATA

FIRE FLOW IS 1,500 GPM AT 20 p s i RESIDUAL PRESSURE

BASED ON: SQUARE FOOTAGE:	6,322 S.F
AREA BETWEEN 4 HOUR AREA SEPARATION WALLS.	N/A
BUILDING HEIGHT	45'
NUMBER OF STORIES:	2
TYPE OF CONSTRUCTION:	V-N
OCCUPANCY GROUP	M/B
FULL AUTOMATIC FIRE SYSTEM	YES

REVIEWED & VERIFIED BY DATE

APPROVED FOR CONSTRUCTION

LAS VEGAS FIRE DEPARTMENT DATE

NO DISTRICT FACILITIES
LAS VEGAS VALLEY WATER DISTRICT DATE

CITY OF LAS VEGAS NEVADA

REVISIONS

CONSULTANT

DEPARTMENT OF PUBLIC WORKS

WASHINGTON BUFFALO PARK - PHASE 1A
WASHINGTON & BUFFALO, LAS VEGAS, NV

UTILITY PLAN
(SOUTHEAST)

7251 W CHARLESTON BLVD
LAS VEGAS, NEVADA 89117
PHONE (702) 258-0115
FAX (702) 869-8547
Stantec

STAMP

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OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
ARCHITECTURAL SERVICES

400 EAST STEWART AVENUE
LAS VEGAS, NEVADA 89101
PHONE. (702) 229-6535
FAX: (702) 382-3232
TDD: (702) 386-9108

DRAWN	M. GRIMES
TITLE	Utility Plan.dwg
DATE	7/03
SCALE	1" = 20'-0"
RED NO	03L5341L08
CLV DWG NO	6507G-1A
	100% SUBMITTAL
SHT NO	C12

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RECORD DRAWING (01/10/06)