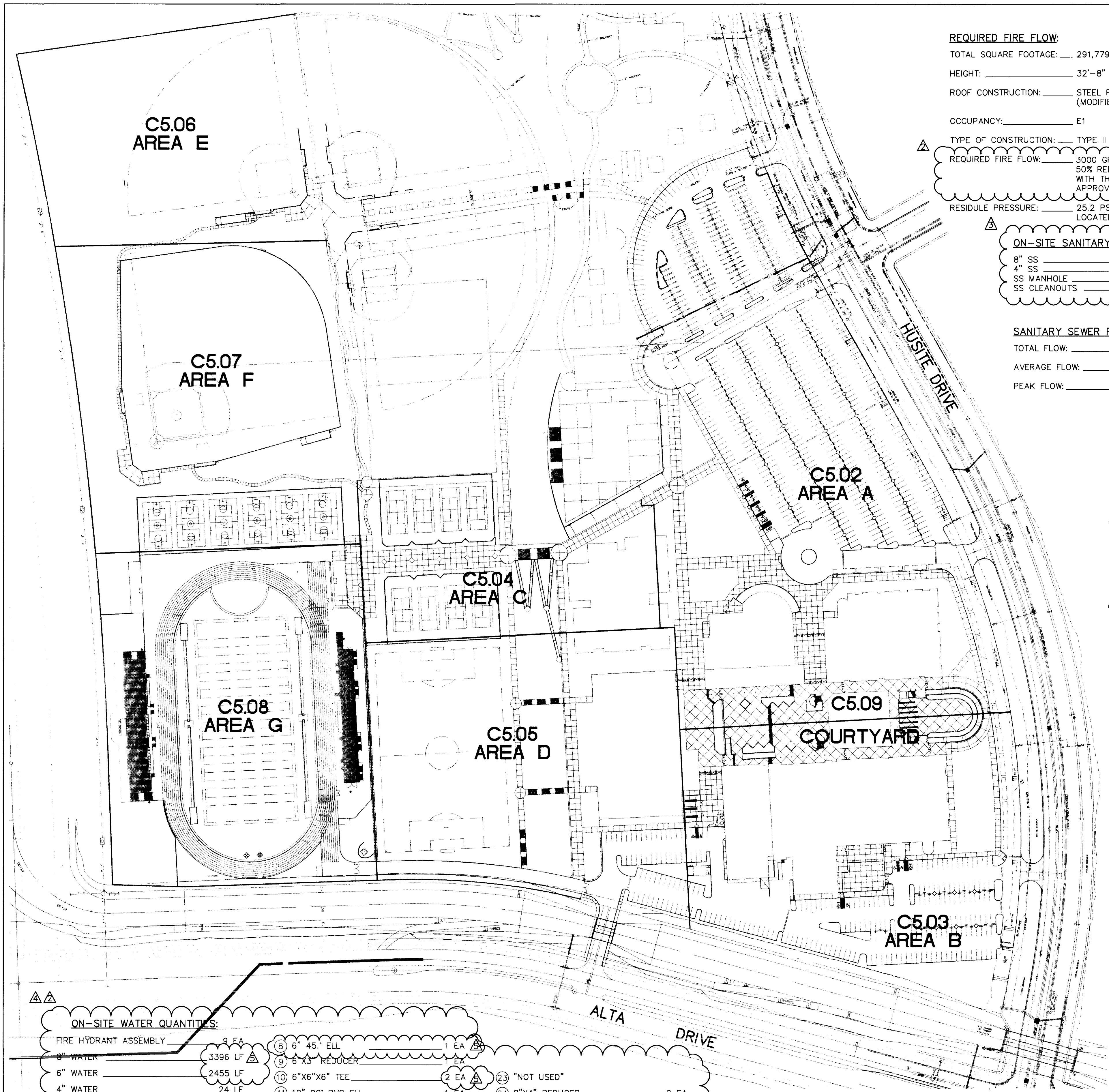


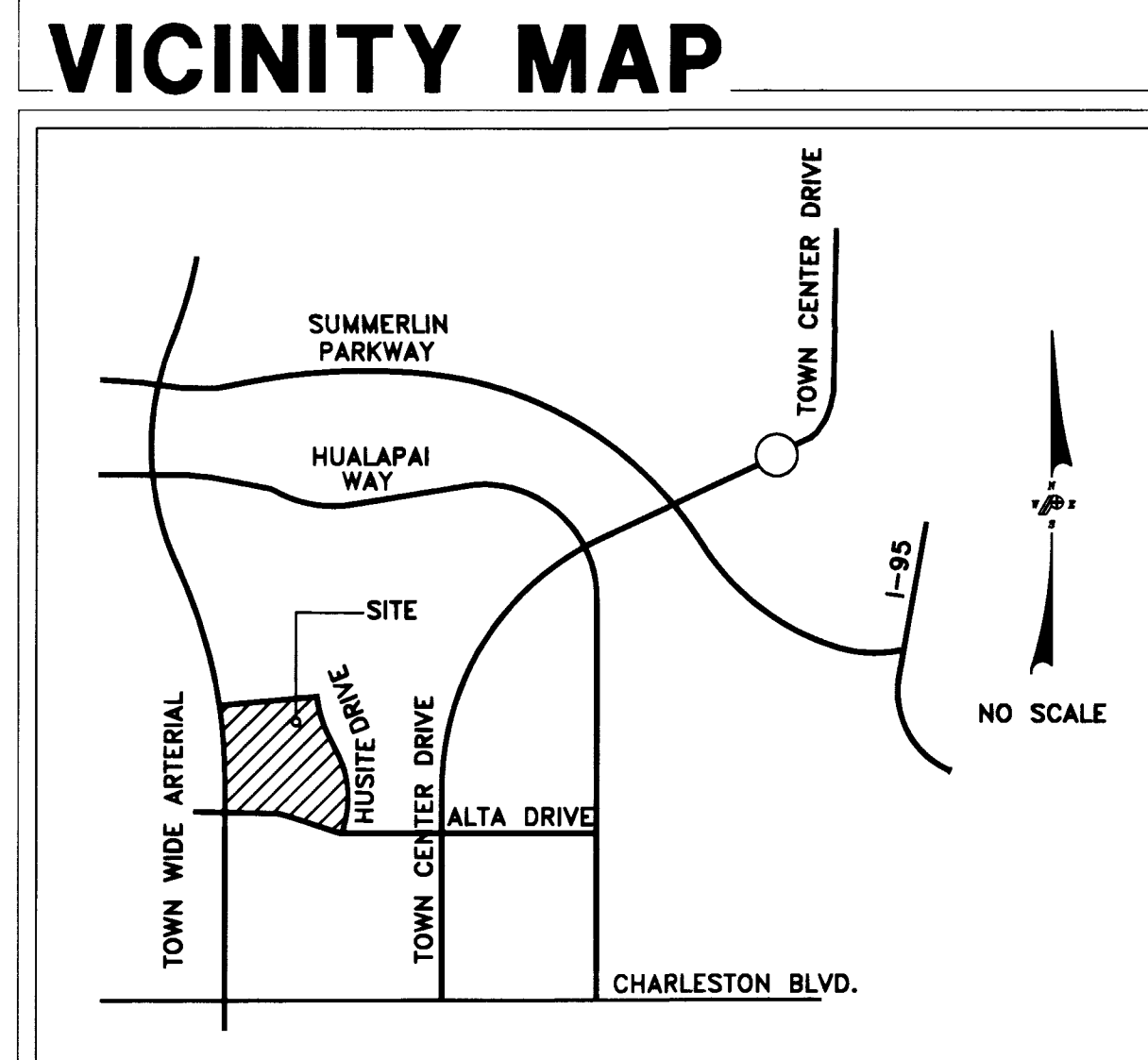
SCALE: 1" = 100'
 FILE: 95263C-UD115 PFP-C501 XR263C81TE



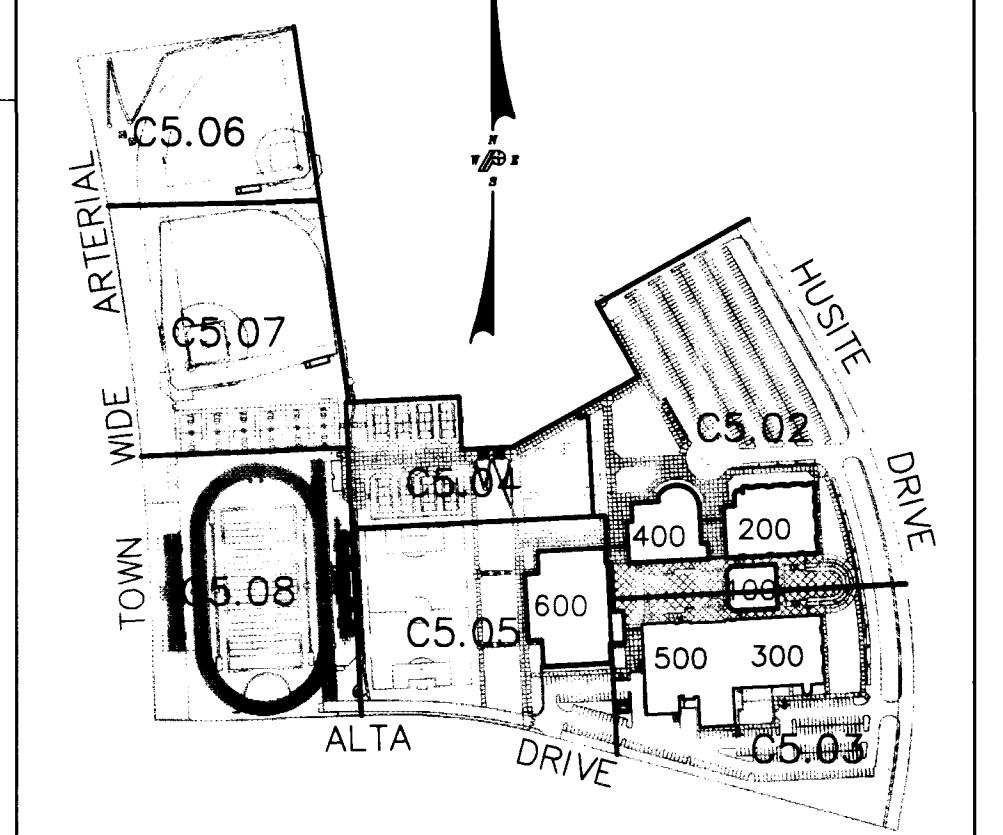
REQUIRED FIRE FLOW:
 TOTAL SQUARE FOOTAGE: 291,779 SF
 HEIGHT: 32'-8"
 ROOF CONSTRUCTION: STEEL FRAMING W/STEEL DECK (MODIFIED BITUMEN CLASS B)
 OCCUPANCY: E1
 TYPE OF CONSTRUCTION: TYPE II - 1 HR
 REQUIRED FIRE FLOW: 3000 GPM (3000 GPM REFLECTS THE 50% REDUCTION WHICH IS PERMITTED WITH THE INSTALLATION OF AN APPROVED SPRINKLER SYSTEM)
 RESIDUE PRESSURE: 25.2 PSI(MIN) AT THE FIRE HYDRANT LOCATED IN THE FOOTBALL FIELD.

ON-SITE SANITARY SEWER QUANTITIES:
 8" SS 1632 LF
 4" SS 1299 LF
 SS MANHOLE 10 EA.
 SS CLEANOUTS 13 EA.

SANITARY SEWER FLOW DATA:
 TOTAL FLOW: 76,700 GPD
 AVERAGE FLOW: 0.15 CFS
 PEAK FLOW: 0.47 CFS



REV	DESCRIPTION	DATE	BY
△	SHEET UPDATE	05-10-96	RCP
△	PER CLV PW FLOOD - CONTROL	05-14-96	DRF
△	GENERAL SHEET REVISION AND REVISIONS		DRF
△	PER LVVWD COMMENTS	06-03-96	
△	PER CCSN BUILDING DESIGN	08-01-96	SPA



KEY PLAN

LAS VEGAS VALLEY WATER DISTRICT STANDARD NOTES

- NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN RELEASED FOR CONSTRUCTION BY THE LVVWD. FOLLOWING WATER PLAN APPROVAL, 48 HOURS NOTICE SHALL BE GIVEN TO THE LVVWD COMMUNICATION SUPPORT CENTER (258-7171) PRIOR TO THE START OF CONSTRUCTION. NOTICE MUST BE GIVEN TO 2:00 PM, THE BUSINESS DAY PRIOR TO A LVVWD INSPECTION.
- ALL WORK SHALL CONFORM TO LVVWD STANDARD PLATES, DRAWINGS, AND SPECIFICATIONS AND THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS (UDACS), LATEST EDITION.
- ALL WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2, SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT DRAFT OR EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENT, CLARK COUNTY AREA.
- A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVWD.
- ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE A COPPER TUBING WITH LVVWD APPROVED SERVICE SADDLES.
- ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY
- ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY AND CURB GUTTERS.
- THE FOLLOWING REQUIREMENTS MUST BE MET IN THE EVENT A WATER LINE AND SANITARY OR STORM SEWER LINE CROSS:
 - A MINIMUM EIGHTEEN (18) INCH VERTICAL SEPARATION (OUTSIDE TO OUTSIDE) MUST BE MAINTAINED WHEN THE WATER LINE IS INSTALLED OVER THE SANITARY OR STORM SEWER LINE. IF THE VERTICAL SEPARATION CANNOT BE MAINTAINED OR THE WATER LINE MUST BE PLACED UNDER THE SANITARY OR STORM SEWER LINE, THE SANITARY OR STORM SEWER LINE MUST BE CONSTRUCTED WITH ONE OF THE FOLLOWING OR, AS SHOWN ON THESE PLANS:
 - POTABLE WATER SUPPLY QUALITY MATERIAL.
 - ENCASEMENT, WITH FOUR (4) INCH CONCRETE (MINIMUM).
 - SLEEVING WITH POTABLE WATER SUPPLY QUALITY PIPE.
 - EACH PROVISION MUST EXTEND ALONG THE SANITARY OR STORM SEWER, ON EITHER SIDE OF THE MAIN, A MINIMUM TEN (10) FOOT DISTANCE PERPENDICULAR TO THE WATER MAIN EXTERIOR.
- WARNING TAPE SHALL BE REQUIRED OVER ALL MAINS, ALL SIX (6) INCH DIAMETER AND LARGER SERVICE LATERALS, AND ANY SERVICE LATERAL NOT INSTALLED PERPENDICULAR TO THE MAIN IN ACCORDANCE WITH STANDARD PLATE NO. 27.
- ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION TO THE LVVWD'S DISTRIBUTION SYSTEM.
- THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM LVVWD CENTRAL STORES. TELEPHONE 258-3152 FORTY-EIGHT (48) HOURS PRIOR TO PICK UP.
- CONSTRUCTION MAY INTERRUPT SERVICE, WITH LVVWD APPROVED AND PROPER NOTIFICATION, BETWEEN THE HOURS OF 10 PM AND 6 AM, SUNDAY THROUGH THURSDAY. CIRCUMSTANCES MAY REQUIRE TEMPORARY SERVICE FEED BE INSTALLED WITHOUT LVVWD REIMBURSEMENT. ANY TEMPORARY SERVICE FEED MUST HAVE PRIOR LVVWD APPROVAL.
- ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE AS LISTED ON THE LVVWD'S PRE-APPROVED MATERIALS AND MANUFACTURERS LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.

0846
 PROJECT NO.
 APPROVED BY: [Signature]
 DATE: 4.16.96
 DRAWN BY: RCP
 CHECKED BY: CLM
 SUBMITTED: BID SET
 FILE PROJECT NO: 95263C

POGEMEYER DESIGN GROUP
 ENGINEERS PLANNERS SURVEYORS
 2601 NORTH TENAYA WAY LAS VEGAS, NEVADA 89128 (702) 255-8100

CLARK COUNTY SCHOOL DISTRICT
 CONSTRUCTION MANAGEMENT DEPARTMENT 4828 S. PEARL STREET 799-7600 LAS VEGAS, NEVADA 89121

ALTA/HUALAPAI HIGH SCHOOL
 LAS VEGAS

NEVADA

TATE & SNYDER ARCHITECTS
 709 VALLE VERDE COURT
 HENDERSON NEVADA 89014
 (702) 456.3000

CLARK COUNTY SCHOOL DISTRICT
 CONSTRUCTION MANAGEMENT DEPARTMENT 4828 S. PEARL STREET 799-7600 LAS VEGAS, NEVADA 89121

ALTA/HUALAPAI HIGH SCHOOL
 LAS VEGAS

NEVADA

KEY PLAN - UTILITY PLAN

SHEET NO. **C5.01**

ON-SITE WATER QUANTITIES:

FIRE HYDRANT ASSEMBLY 8 EA	⑧ 6" 45" ELL 1 EA	②③ "NOT USED"
6" WATER 3396 LF	⑨ 6"x3" REDUCER 1 EA	②④ 8"x4" REDUCER 2 EA
4" WATER 2455 LF	⑩ 6"x6"x6" TEE 2 EA	②⑤ 12"x12"x8" TEE 1 EA
3" WATER 935 LF	⑪ 12" 90° PVC ELL 1 EA	②⑥ TEE (SIZE ESTABLISHED BY FIRE SAFETY CONTRACTOR) 1 EA
1" WATER 901 LF	⑫ 12"x8" REDUCER 2 EA	
FIRE RISER PIPING (SIZED BY FIRE SAFETY CONTRACTOR) 306 LF	⑬ 6"x4" REDUCER 2 EA	
	⑭ 8" 11.25" PVC ELL 3 EA	
	⑮ 3" 45" PVC ELL 2 EA	
	⑯ "NOT USED"	
	⑰ 1" 45" PVC ELL 2 EA	
	⑱ 1"x1"x1" PVC TEE 1 EA	
	⑲ 1" 90" ELL 1 EA	
	⑳ 3" 90° PVC ELL 4 EA	
	㉑ PVC CROSS 1 EA	
	㉒ 3"x1" REDUCER 1 EA	

ON-SITE STORM DRAIN QUANTITIES:

24" SD 200 LF	⑳ 3" 90° PVC ELL 4 EA
18" SD 1130 LF	㉑ PVC CROSS 1 EA
12" SD 3525 LF	㉒ 3"x1" REDUCER 1 EA
10" SD 1135 LF	
8" SD 98 LF	
6" SD 799 LF	
5" SD 5 LF	
SD MANHOLE 7 EA	
SD CLEAN OUTS 45 EA	
TYPE "D" DROP INLET 7 EA	
JENSEN PRECAST DROP INLET 35 EA	

FIRE DEPARTMENT APPROVAL
 APPROVAL BY THE FIRE DEPARTMENT HAVING JURISDICTION IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM THE LVVWD.

GRAPHIC SCALE
 (IN FEET)
 1 inch = 100 ft.

LAS VEGAS VALLEY WATER DISTRICT
 DOMESTIC WATER AND FIRE PROTECTION SERVICE WILL NOT BE AVAILABLE UNTIL COMPLETION OF THE 3205 ZONE WATER FACILITIES IN HUSITE DR DURING NOV 1996

LAS VEGAS FIRE DEPARTMENT

DATE: 8/19/96
 DATE: 8-13-96

Call before you Dig.
 1-800-227-2600

