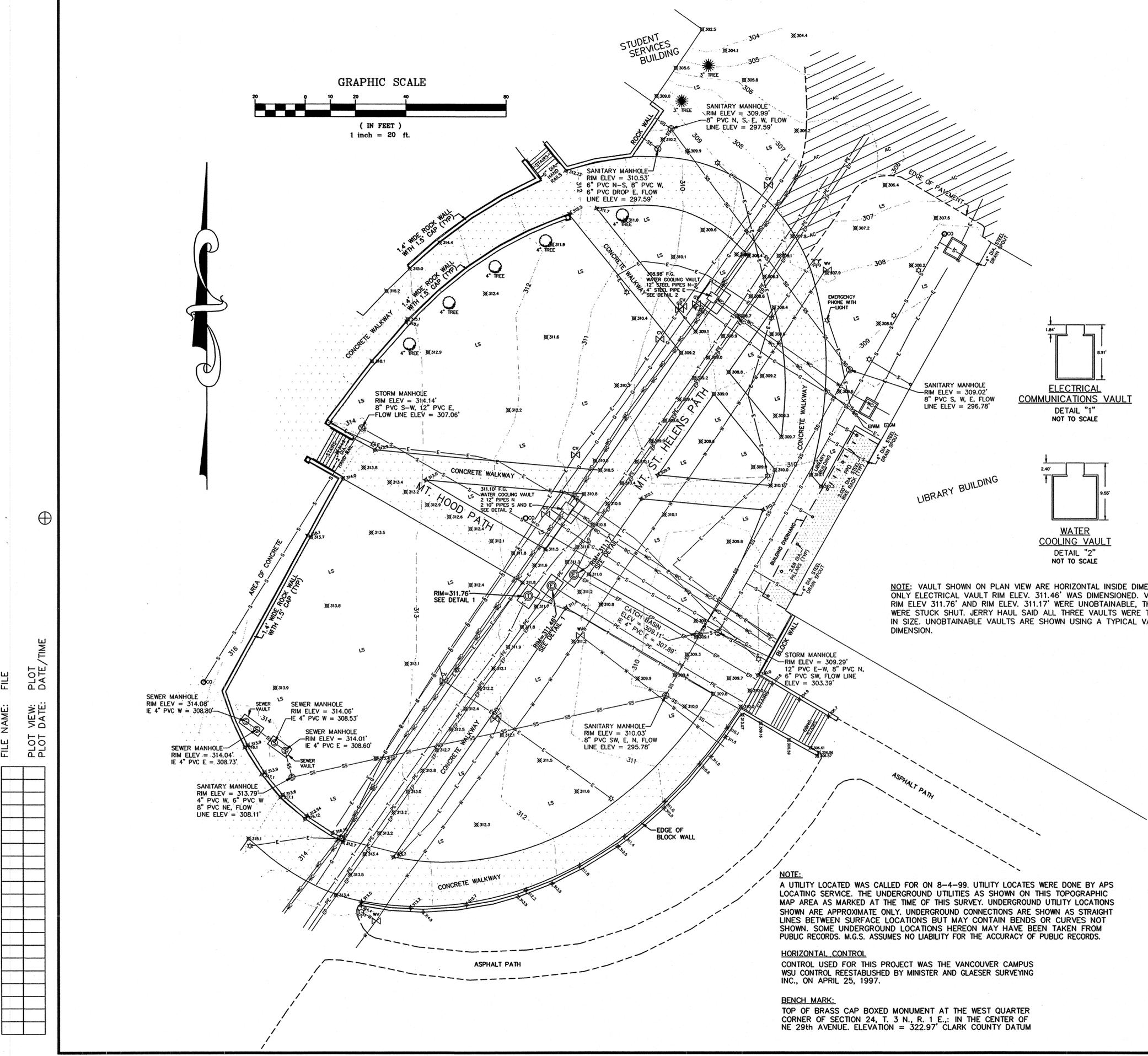
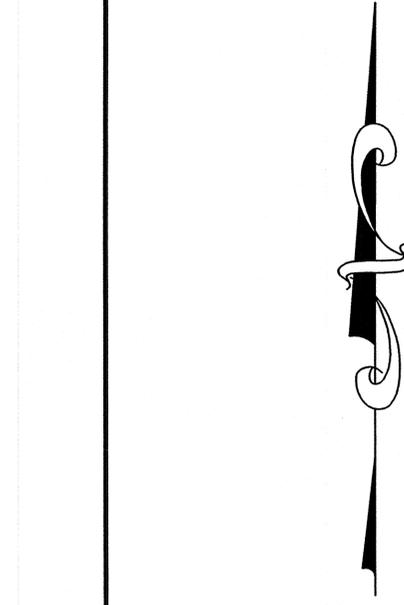


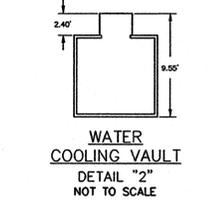
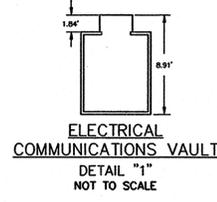
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6501-G-017



TOPOGRAPHIC SURVEY
 OF CENTRAL QUAD AREA
 FOR
 WASHINGTON STATE UNIVERSITY-VANCOUVER
 CAMPUS, IN A PORTION OF SECTION 24,
 T. 3. N., R. 1 E., W. M.,
 CLARK COUNTY, WASHINGTON
 JOB NO. 99-194 DATA COLLECT: 8-5-99
 DRAWING DATE: 8-16-99
 UPDATED DRAWING DATE: 9-2-99

- LEGEND:**
- WC INDICATES UNDERGROUND WATER COOLANT LOCATE
 - INDICATES SQUARE LIGHT
 - PP□ INDICATES PAY PHONE BOOTH
 - INDICATES ELECTRICAL TRANSFORMER
 - INDICATES EDGE OF ASPHALT PAVING
 - ☆ INDICATES ROUND LIGHT
 - INDICATES CLEAN OUT
 - INDICATES WATER METER
 - W INDICATES UNDERGROUND WATER LOCATE
 - E INDICATES UNDERGROUND POWER LOCATE
 - INDICATES FIRE HYDRANT
 - ⊗ INDICATES WATER VALVE
 - ⊙ INDICATES ELECTRICAL MANHOLE
 - INDICATES UNDERGROUND TELEPHONE LOCATE
 - ⊗ INDICATES GAS VALVE
 - ⊙ INDICATES GAS METER
 - ⊙ INDICATES COMMUNICATIONS MANHOLE
 - ⊙ INDICATES CONTROL VALVE
 - AS INDICATES AREA OF ASPHALT PAVING
 - LS INDICATES AREA OF LANDSCAPING
 - SS INDICATES UNDERGROUND SANITARY SEWER LINE
 - S INDICATES UNDERGROUND STORM SEWER LINE
 - PE INDICATES UNDERGROUND PRIMARY POWER LINE
 - EP INDICATES UNDERGROUND EMERGENCY POWER LINE
 - INDICATES DECIDUOUS TREE WITH TRUNK DIAMETER
 - ★ INDICATES EVERGREEN TREE WITH TRUNK DIAMETER
 - INDICATES AREA OF CONCRETE
 - ▨ INDICATES AREA OF ASPHALT PAVING



NOTE: VAULT SHOWN ON PLAN VIEW ARE HORIZONTAL INSIDE DIMENSIONS ONLY ELECTRICAL VAULT RIM ELEV. 311.46' WAS DIMENSIONED. VAULTS RIM ELEV 311.76' AND RIM ELEV. 311.17' WERE UNOBTAINABLE, THE LIDS WERE STUCK SHUT. JERRY HAUL SAID ALL THREE VAULTS WERE TYPICAL IN SIZE. UNOBTAINABLE VAULTS ARE SHOWN USING A TYPICAL VAULT DIMENSION.

NOTE:
 A UTILITY LOCATED WAS CALLED FOR ON 8-4-99. UTILITY LOCATES WERE DONE BY APS LOCATING SERVICE. THE UNDERGROUND UTILITIES AS SHOWN ON THIS TOPOGRAPHIC MAP AREA AS MARKED AT THE TIME OF THIS SURVEY. UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. UNDERGROUND CONNECTIONS ARE SHOWN AS STRAIGHT LINES BETWEEN SURFACE LOCATIONS BUT MAY CONTAIN BENDS OR CURVES NOT SHOWN. SOME UNDERGROUND LOCATIONS HEREON MAY HAVE BEEN TAKEN FROM PUBLIC RECORDS. M.G.S. ASSUMES NO LIABILITY FOR THE ACCURACY OF PUBLIC RECORDS.

HORIZONTAL CONTROL
 CONTROL USED FOR THIS PROJECT WAS THE VANCOUVER CAMPUS WSU CONTROL REESTABLISHED BY MINISTER AND GLAESER SURVEYING INC., ON APRIL 25, 1997.

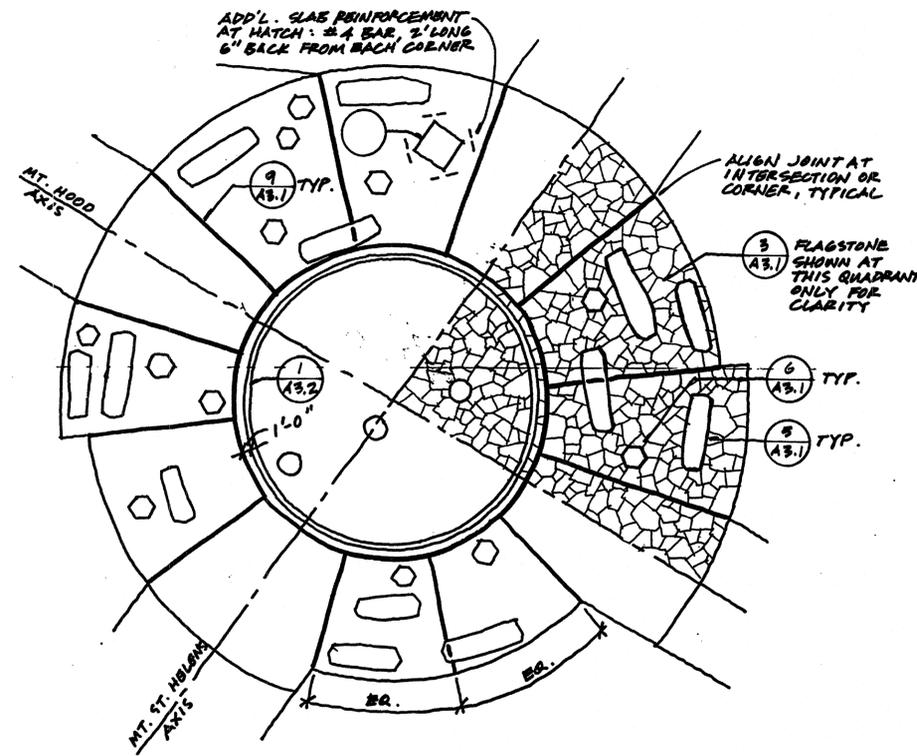
BENCH MARK:
 TOP OF BRASS CAP BOXED MONUMENT AT THE WEST QUARTER CORNER OF SECTION 24, T. 3 N., R. 1 E.; IN THE CENTER OF NE 29th AVENUE. ELEVATION = 322.97' CLARK COUNTY DATUM



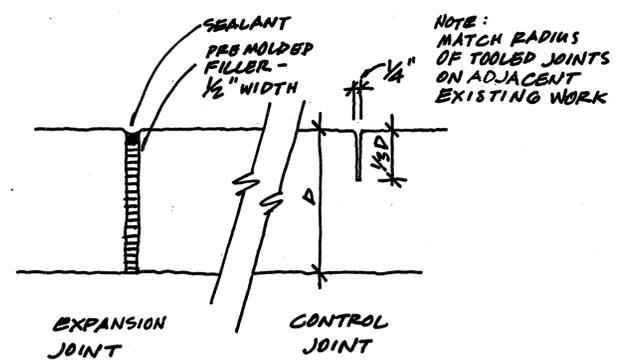
MINISTER-GLAESER
 SURVEYING INC.
 2200 E. EVERGREEN BLVD.
 VANCOUVER, WA 98661
 (360) 694-3313

Revision No. Date May 12, 2000	Architecture/Planning/Interior Design ZIMMER · GUNSUL · FRASCA PARTNERSHIP Seattle Los Angeles Washington, D.C.	PLAZA IMPROVEMENTS - SURVEY WASHINGTON STATE UNIVERSITY VANCOUVER Vancouver Washington
Job No. P40170.01		A11
0f Sheets		6501-G-017

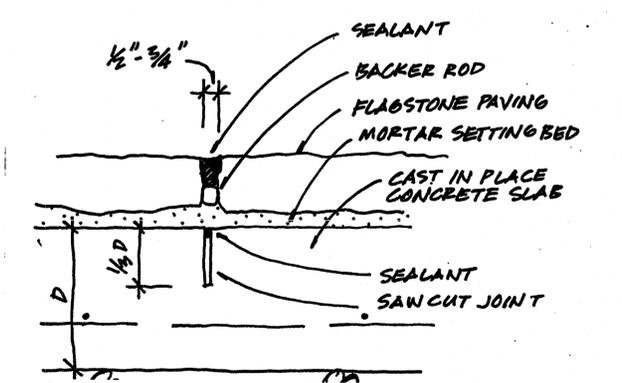
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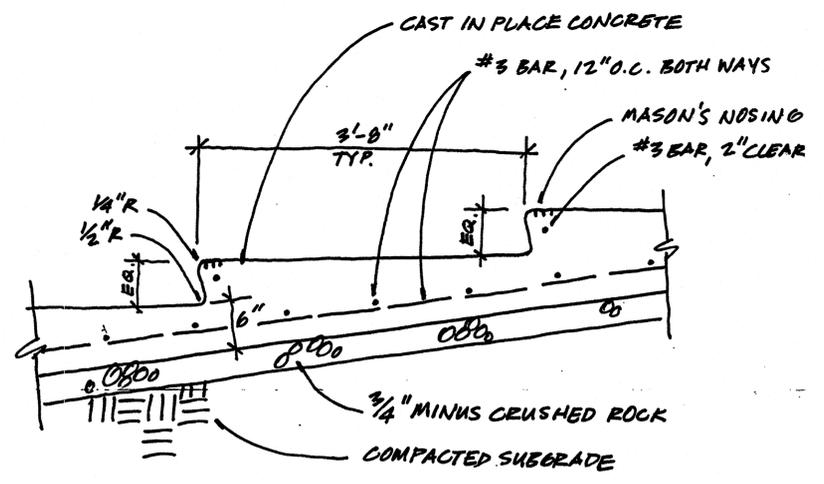
7 PLAZA PAVING PLAN
 1" = 10'-0"



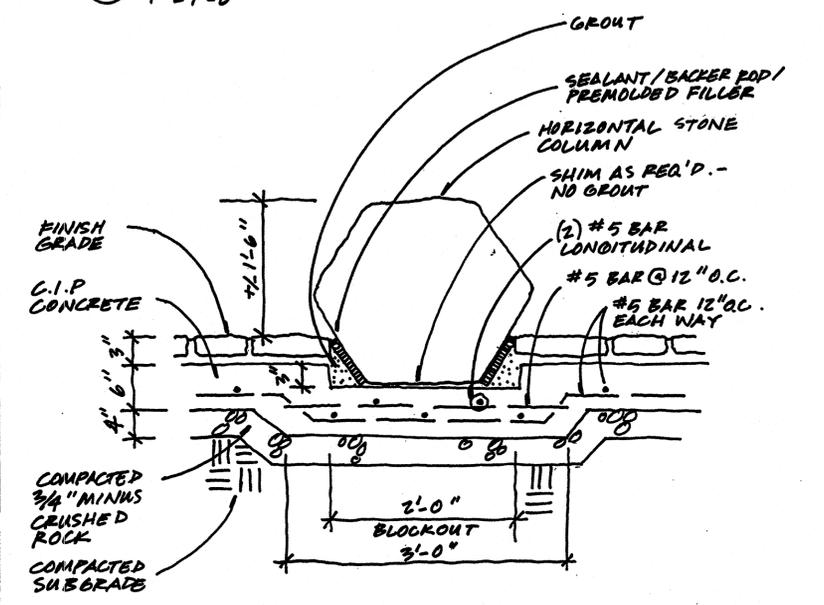
8 CONCRETE JOINTS
 3" = 1'-0"



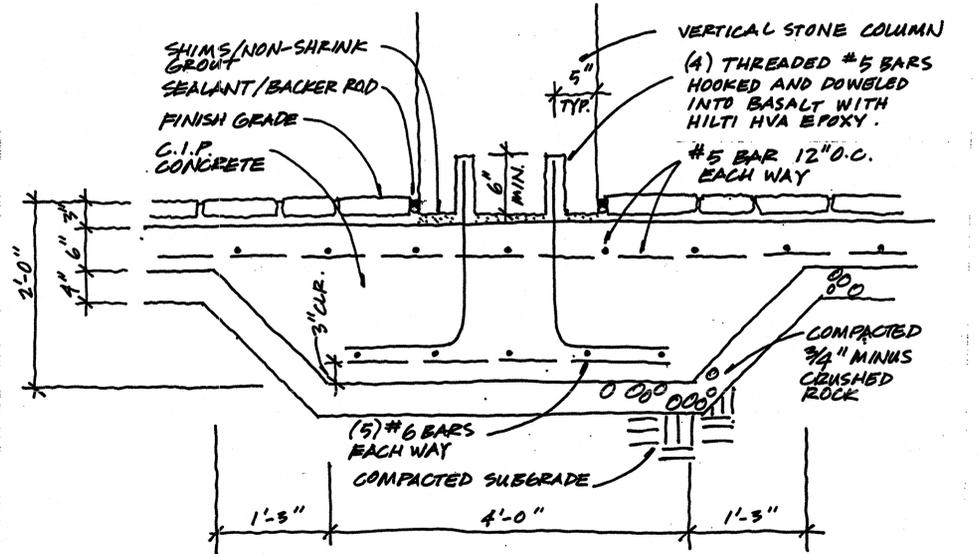
9 FLAGSTONE PAVING CONTROL JOINT
 3" = 1'-0"



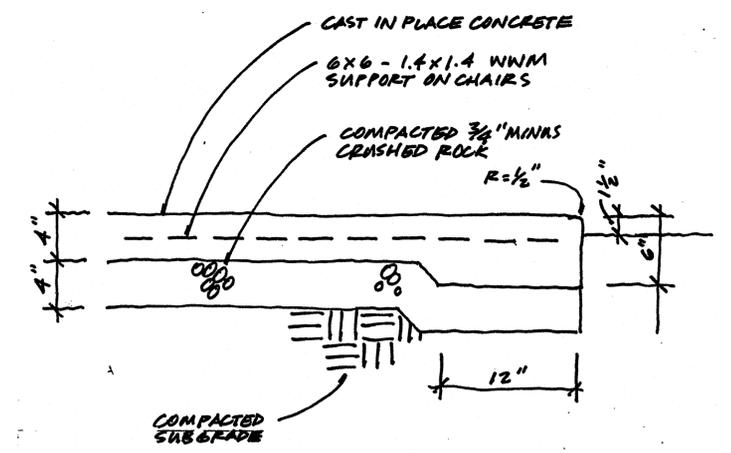
4 CONCRETE LANDING
 1" = 1'-0"



5 HORIZONTAL STONE COLUMN AT PLAZA
 1" = 1'-0"

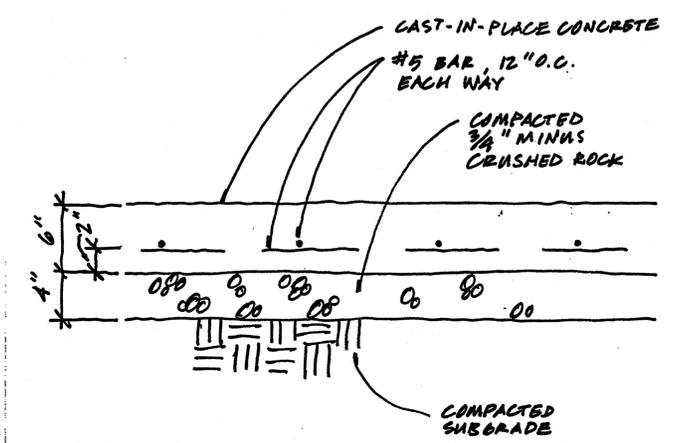


6 VERTICAL STONE COLUMN AT PLAZA
 1" = 1'-0"



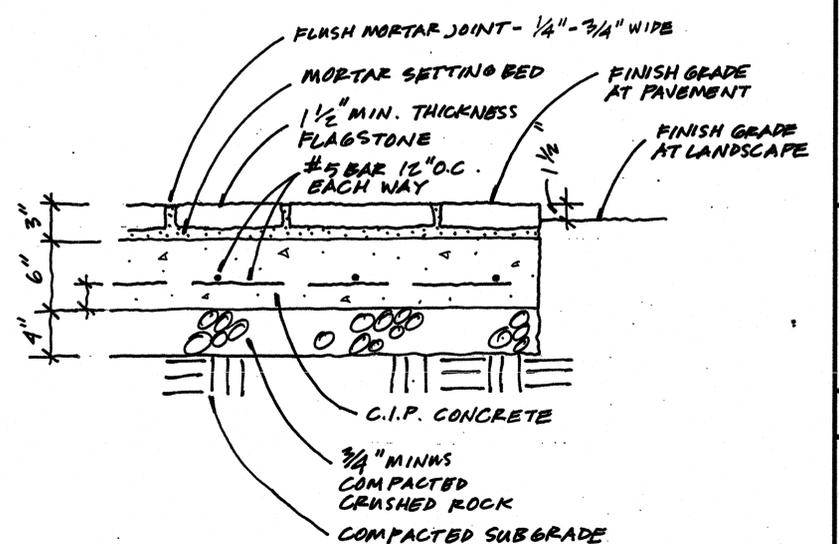
1 4" CONCRETE PAVING
 1 1/2" = 1'-0"

NOTES:
 1. SEE DETAIL FOR SCORING AND JOINTING
 2. USE RADIUS TOOL TO FINISH ALL JOINTS AND OUTSIDE EDGES.



2 6" CONCRETE PAVING
 1 1/2" = 1'-0"

NOTES:
 1. SEE DETAIL FOR SCORING AND JOINTING.
 2. HOLD FINISH GRADE AT LANDSCAPE AREAS 1 1/2" BELOW CONCRETE PAVEMENT GRADE.



3 FLAGSTONE PAVING AT PLAZA
 1 1/2" = 1'-0"

Revision No. _____ Date May 12, 2000

PLAZA IMPROVEMENTS - SITE DETAILS

WASHINGTON STATE UNIVERSITY
 VANCOUVER

ZIMMER-GUNSUL-FRASCA PARTNERSHIP
 Architecture/Planning/Interior Design
 Los Angeles
 Seattle
 Washington D.C.

Job No. P40170.01

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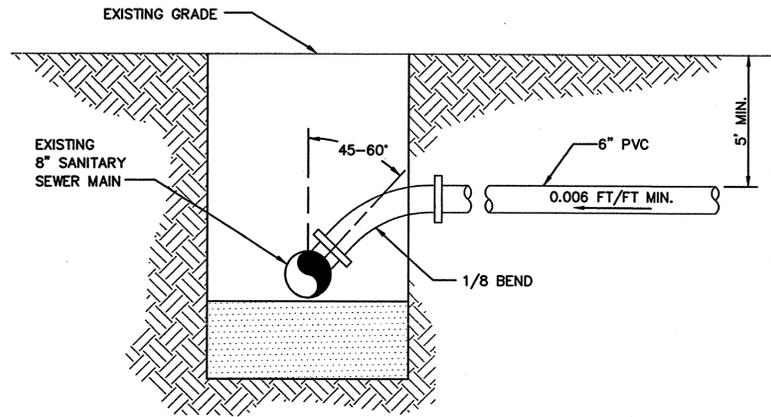
6501-6-017

GENERAL NOTES:

1. WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THESE PLANS, THE CURRENT STANDARDS OF THE UNIFORM PLUMBING CODE, CLARK COUNTY BUILDING DEPARTMENT, AND THE HAZEL DELL SEWER DISTRICT.
2. CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACTIVITIES WITH THE WSU-VANCOUVER PHYSICAL PLANT COORDINATOR, JERRY HULL (360-546-9704), A MINIMUM OF 48 HOURS PRIOR TO STARTING CONSTRUCTION.
3. THE COMPLETED INSTALLATION SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES AND ORDINANCES, AND REGULATIONS INCLUDING NECESSARY PERMITS AND INSPECTIONS REQUIRED BY THE GOVERNING AUTHORITIES.
4. THE ENGINEER OR THE OWNER IS NOT RESPONSIBLE FOR THE SAFETY OF THE CONTRACTOR OR HIS CREW. ALL O.S.H.A. REGULATIONS SHALL BE STRICTLY ADHERED TO IN THE PERFORMANCE OF THE WORK.
5. THE LOCATION OF EXISTING UNDERGROUND FACILITIES SHOWN ON THE PLANS IS FOR INFORMATION ONLY AND IS NOT GUARANTEED TO BE COMPLETE OR ACCURATE. BEFORE COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY ALL PERTINENT COMPANIES OR AGENCIES WITH UNDERGROUND FACILITIES IN THE PROJECT AREA SO THAT SAID FACILITIES MAY BE ACCURATELY LOCATED. POTHOLES ALL CROSSINGS AS NECESSARY BEFORE CONSTRUCTION TO PREVENT GRADE AND ALIGNMENT CONFLICTS.
6. CONTRACTOR SHALL VERIFY ELEVATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING WITH CONSTRUCTION AND SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF KATO AND WARREN CONSULTING ENGINEERS, 72 HOURS PRIOR TO CONSTRUCTION.
7. BEFORE BACKFILLING ANY SUBGRADE UTILITY IMPROVEMENTS THE CONTRACTOR IS TO SURVEY AND RECORD MEASUREMENTS OF EXACT LOCATION AND DEPTH.
8. THE TOPOGRAPHIC SURVEY SHOWN ON THESE PLANS WAS PROVIDED BY MINISTER-GLAESER SURVEYING INC., DATED 9-2-99. THE BASIS OF ELEVATIONS FOR THE PROJECT IS THE TOP OF A BRASS CAP BOXED MONUMENT AT THE WEST QUARTER CORNER OF SECTION 24,T3N,R1E: IN THE CENTER OF NE 29TH AVENUE. ELEVATION = 322.97 CLARK COUNTY DATUM.

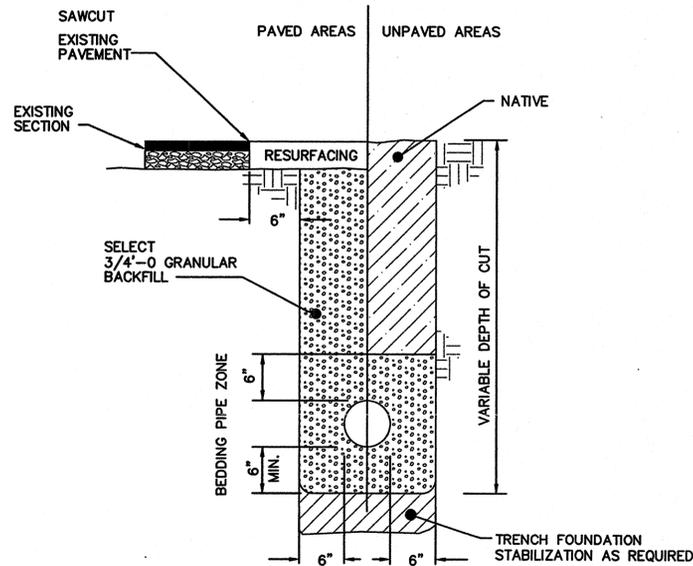
CONSTRUCTION NOTES:

- 1 CONNECTIONS TO EXISTING SANITARY SEWER SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS SET FORTH BY THE HAZEL DELL SEWER DISTRICT.
- 2 CONTRACTOR SHALL TAKE PRECAUTION TO NOT DISTURB EXISTING WALL DURING CONSTRUCTION.
- 3 SUBGRADE AND TRENCH BACKFILL SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 698.
- 4 LAY PIPING, BEGINNING AT THE LOW POINT OF THE SYSTEM, TRUE TO GRADE AND ALIGNMENT SHOWN ON PLANS WITH UNBROKEN CONTINUITY OF INVERT.
- 5 MATERIALS SHALL BE NEW.
- 6 SANITARY AND STORM SEWERAGE LINES SHALL BE PVC PIPE CONFORMING TO ASTM 3034 SDR 35 OR ENGINEER APPROVED EQUAL, EXCEPT PRESSURE PRESSURE DISCHARGE LINES SHALL BE SCHEDULE 80 PVC.
- 7 PAVEMENT SHALL BE RESTORED IN-KIND. CONCRETE THICKNESS AND FINISH SHALL MATCH EXISTING.

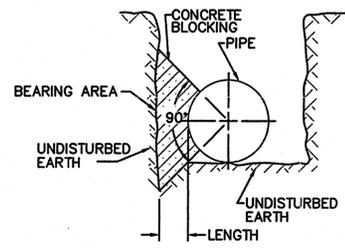


NOTE: TRENCH BEDDING AND BACKFILL SHALL BE PER DETAIL, THIS SHEET

TYPICAL SANITARY SEWER CONNECTION
N.T.S.



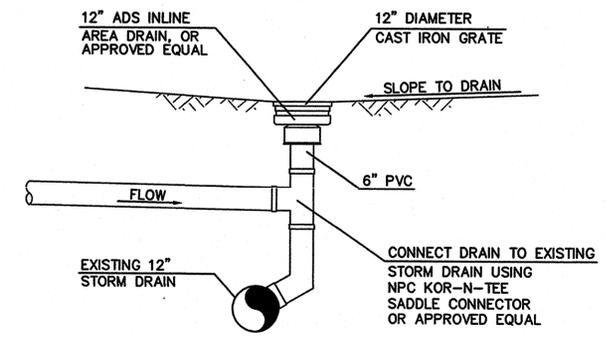
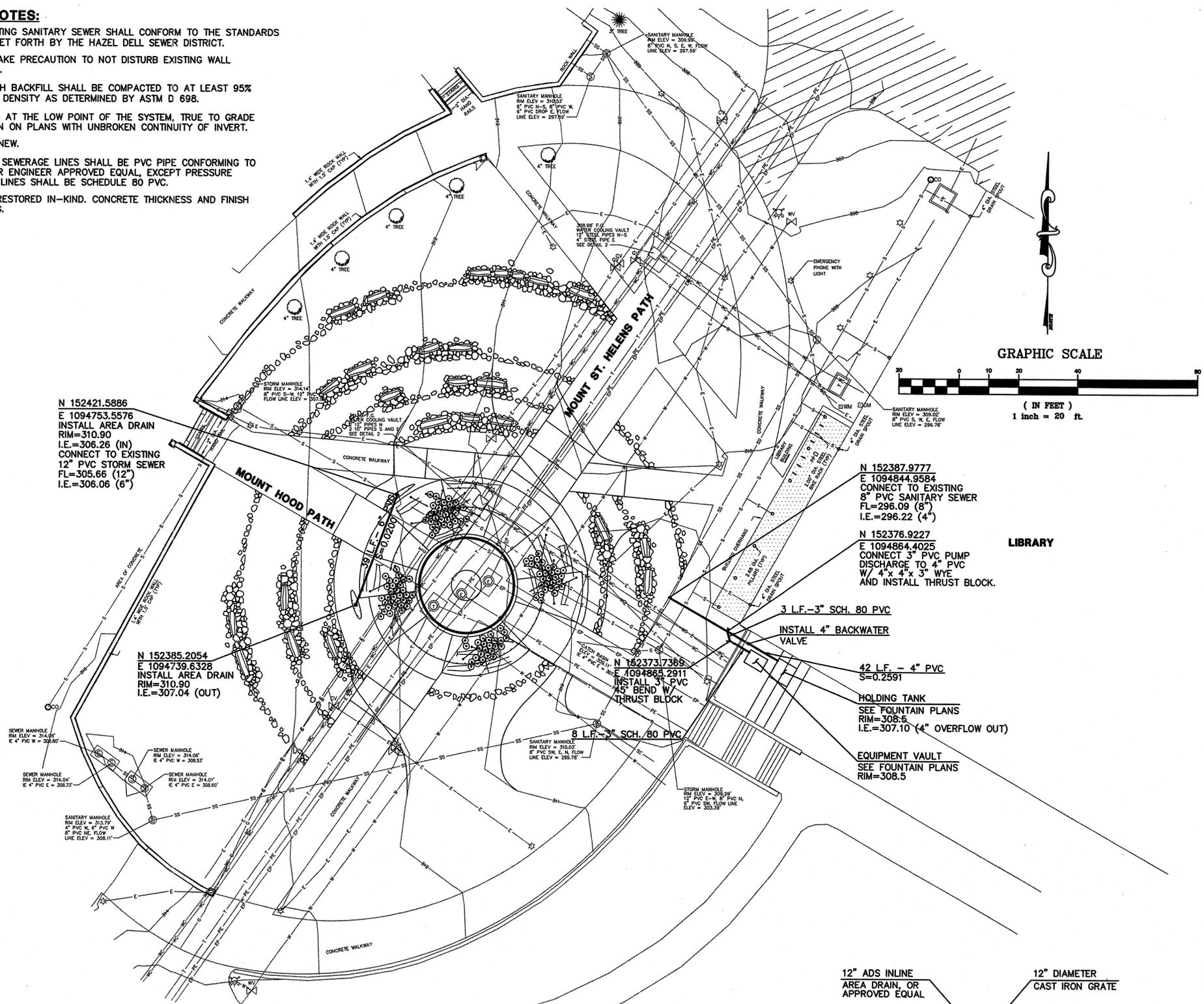
TYPICAL TRENCH DETAIL
N.T.S.



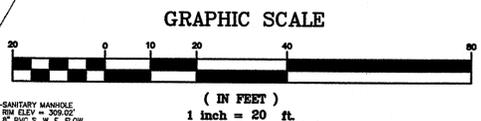
TYPICAL THRUST BLOCK
N.T.S.

THRUST BLOCK NOTES:

1. USE POURED CONCRETE THRUST BLOCKS (CAST-IN PLACE).
2. PLACE BLOCKING AGAINST FIRM UNDISTURBED SOIL.
3. PLACE PROTECTIVE MATERIAL SUCH AS TAR PAPER BETWEEN THE CONCRETE AND PIPE OR FITTING.
4. CONCRETE FOR ALL BLOCKING SHALL HAVE A 28-DAY MINIMUM COMPRESSIVE STRENGTH OF 2,300 P.S.I.



STORM DRAIN CONNECTION DETAIL
N.T.S.



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PLOT DATE: PLOT DATE/TIME

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**WASHINGTON STATE UNIVERSITY
VANCOUVER**

Vancouver Washington

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6501-6-017

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Architecture/Planning/Interior Design
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Seattle Los Angeles Washington D.C.

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	KVA	KILOVOLT AMP
A	AMPERE (AMP)	KVAR	KILOVOLT AMPS REACTIVE
AL	ALUMINUM	LA	LIGHTNING ARRESTOR
ARCH	ARCHITECT / ARCHITECTURAL	LTG	LIGHTING
ATS	AUTOMATIC TRANSFER SWITCH	LV	LOW VOLTAGE
CB	CIRCUIT BREAKER	MATV	MASTER ANTENNA TELEVISION
C	CONDUIT	MCA	MINIMUM CIRCUIT AMPS
CCTV	CLOSED CIRCUIT TELEVISION	MCB	MAIN CIRCUIT BREAKER
CKT	CIRCUIT	MCC	MOTOR CONTROL CENTER
CLG	CEILING	MDP	MAIN DISTRIBUTION PANEL
CT	CURRENT TRANSFORMER	MECH	MECHANICAL
CU	COPPER	MH	METAL HALIDE
DN	DOWN	MLO	MAIN LUGS ONLY
EMERG	EMERGENCY	MV	MERCURY VAPOR
EMT	ELECTRIC METALLIC TUBING	MTS	MANUAL TRANSFER SWITCH
EP	EXPLOSION PROOF	NIC	NOT IN CONTRACT
EPO	EMERGENCY POWER OFF	NL	NIGHT LIGHT CIRCUIT
EWC	ELECTRIC WATER COOLER	PA	PUBLIC ADDRESS
FA	FIRE ALARM	PE	PHOTO ELECTRIC CELL
FLA	FULL LOAD AMPS	PF	POWER FACTOR
FLUOR	FLUORESCENT	PNL	PANELBOARD
FCIC	FURNISHED BY CONTRACTOR INSTALLED BY CONTRACTOR	PVC	POLYVINYL CHLORIDE CONDUIT
FOIC	FURNISHED BY OWNER INSTALLED BY CONTRACTOR	PWR	POWER
FOIO	FURNISHED BY OWNER INSTALLED BY OWNER	SDP	SUB-DISTRIBUTION PANEL
GFP	GROUND FAULT PROTECTION	STR	STARTER
GFI	GROUND FAULT INTERRUPTER	SV	SOLENOID VALVE
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	SW	SWITCH
GRC	GALVANIZED RIGID CONDUIT	TD	TIME DELAY
GRD	GROUND	TP	TAMPERPROOF
HP	HORSEPOWER	TTB	TELEPHONE TERMINAL BOARD
HPS	HIGH PRESSURE SODIUM	TTC	TELEPHONE TERMINAL CABINET
HV	HIGH VOLTAGE	TV	TELEVISION
HZ	HERTZ	TYP	TYPICAL
IG	ISOLATED GROUND	UG	UNDERGROUND
INC	INCANDESCENT	UPS	UNINTERRUPTABLE POWER SUPPLY
JB	JUNCTION BOX	V	VOLTAGE
KW	KILOWATT	VA	VOLT AMPERES
KWH	KILOWATT HOUR	VP	VAPOR PROOF
KV	KILOVOLT	W	WATTS
		WP	WEATHER PROOF
		XFMR	TRANSFORMER
		XFSW	TRANSFER SWITCH

LIGHTING

	CEILING LUMINAIRE: SURFACE, RECESSED
	CEILING LUMINAIRE: PENDANT MOUNTED
	WALL LUMINAIRE: SURFACE, RECESSED
	WALL WASHER: SURFACE, RECESSED
	TRACK WITH HEADS LOCATED
	FLUORESCENT LUMINAIRE: SURFACE, RECESSED
	FLUORESCENT LUMINAIRE: WALL MOUNTED
	FLUORESCENT LUMINAIRE: BARE LAMP
	POLE LIGHT: LUMINAIRES AS SHOWN
	EXIT LIGHT: CEILING, WALL (ARROWS AS SHOWN)
	BOLLARD
	EMERGENCY BATTERY LIGHT: HEADS AS SHOWN
	WALL SWITCH: 1 POLE, 2 POLE
	WALL SWITCH: 3 WAY, 4 WAY
	WALL SWITCH: KEY LOCK, MOMENTARY
	WALL SWITCH: LOW VOLTAGE, PILOT
	WALL SWITCH: TIMER, MANUAL DIMMER
	PHOTOELECTRIC CELL, OCCUPANCY SENSOR
	DESIGNATES LUMINAIRE TYPE (SEE LUMINAIRE SCHEDULE)

EQUIPMENT

	ELECTRICAL EQUIPMENT
	PANELBOARD: SURFACE, RECESSED
	CABINET: SURFACE, RECESSED
	TRANSFORMER
	GROUND ROD, IN TEST WELL
	GROUND PAD
	EQUIPMENT WITH DERIVED GROUND
	VOLTMETER, AMMETER
	SELECTOR SWITCH: VOLTMETER, AMMETER
	METER: KILOWATT HOUR, POWER FACTOR
	POTENTIAL TRANSFORMER
	CURRENT TRANSFORMER
	CABLE TRAY: CENTER SUPPORT, OUTER SUPPORTS

POWER

	WALL RECEPTACLE: SINGLE, DUPLEX
	WALL RECEPTACLE: EMERGENCY, 4-PLEX
	CEILING RECEPTACLE: DUPLEX
	DENOTES RECEPTACLE ABOVE COUNTER
	SPECIAL PURPOSE OUTLET AS NOTED, EMERGENCY
	CLOCK HANGER RECEPTACLE
	FLUSH IN-FLOOR OUTLET: DUPLEX, COMBINATION, SIGNAL
	PEDESTAL OUTLET: POWER, SIGNAL, COMBINATION
	SURFACE OUTLET STRIP: DIMENSION AS SHOWN
	TELEPOWER POLE, POWER, COMBINATION
	JUNCTION BOX
	DISCONNECT SWITCH: FUSED, NON-FUSED
	MOTOR STARTER: MANUAL, MAGNETIC, COMBINATION
	MOTOR CONNECTION
	CONTACTOR, RELAY, SOLENOID
	PUSH BUTTON STATION
	WIRING CONCEALED IN CEILING OR WALL
	WIRING CONCEALED IN FLOOR OR UNDERGROUND
	INDICATES INSULATED GREEN GROUND WIRE
	HOME RUN DESTINATION SHOWN
	CONDUIT ELL: UP, DN.

ONE-LINE

	CIRCUIT BREAKER
	SWITCH, FUSED SWITCH
	BUSS
	AUTOMATIC SWITCH
	METER
	PANEL
	FEEDER CALLOUT
	FAULT CURRENT CALLOUT

SIGNAL

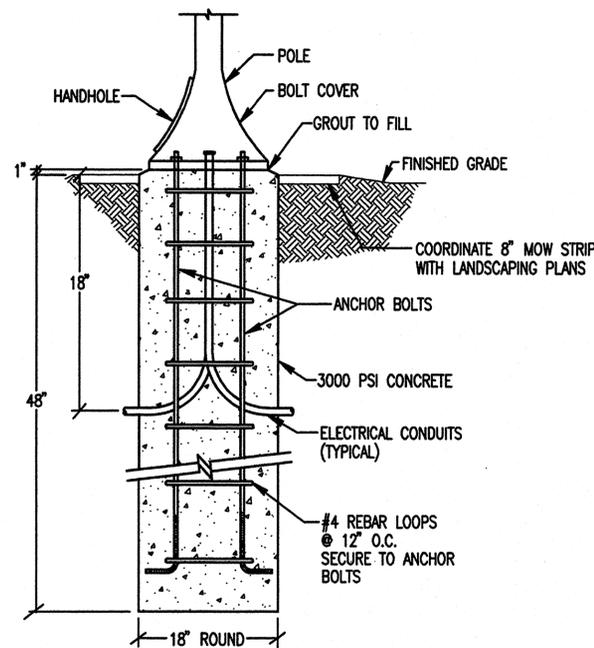
	SPRINKLER SYSTEM SWITCH: FLOW, TAMPER
	MANUAL FIRE ALARM STATION
	DETECTOR: IONIZATION, HEAT, PHOTOELECTRIC
	DUCT DETECTOR, TYPE AS NOTED
	FIRE ALARM: VISUAL
	FIRE ALARM: BELL; BELL W/VISUAL
	FIRE ALARM: CHIME; CHIME W/VISUAL
	FIRE ALARM: HORN; HORN W/VISUAL
	FIREMAN'S PHONE JACK
	SPEAKER: WALL, CEILING
	MAGNETIC DOOR HOLDER, CLOSER
	ELECTRIC DOOR LOCK, CONTACT
	FIRE ALARM SPEAKER: WALL, CEILING
	WALL OUTLET: TELEPHONE, EMERGENCY TELEPHONE, DATA
	WALL OUTLET: COMBINATION TELEPHONE/DATA
	WALL OUTLET: MICROPHONE, INTERCOM, AUDIO JACK
	WALL OUTLET: VOLUME CONTROL
	CCTV CAMERA
	SYSTEM CLOCK: WALL, CEILING
	MASTER ANTENNA TV OUTLET
	THERMOSTAT
	MANUAL EMERGENCY SECURITY STATION
	CARD KEY READER STATION
	SECURITY ELECTRONIC SENSOR

DESIGNATION SYMBOLS

	UNIT PANEL	EQUIPMENT DESIGNATOR SEE SCHEDULE.
	EXISTING TO REMAIN, EXISTING TO BE REMOVED	
	EXISTING TO BE RELOCATED	
	NEW	
	NOTE	

NOTE

THIS IS A STANDARD LEGEND SHEET, THEREFORE, SOME SYMBOLS MAY APPEAR ON THIS SHEET THAT DO NOT APPEAR ON THE DRAWINGS.



1 POLE BASE DETAIL
EQ.1 SCALE: NONE

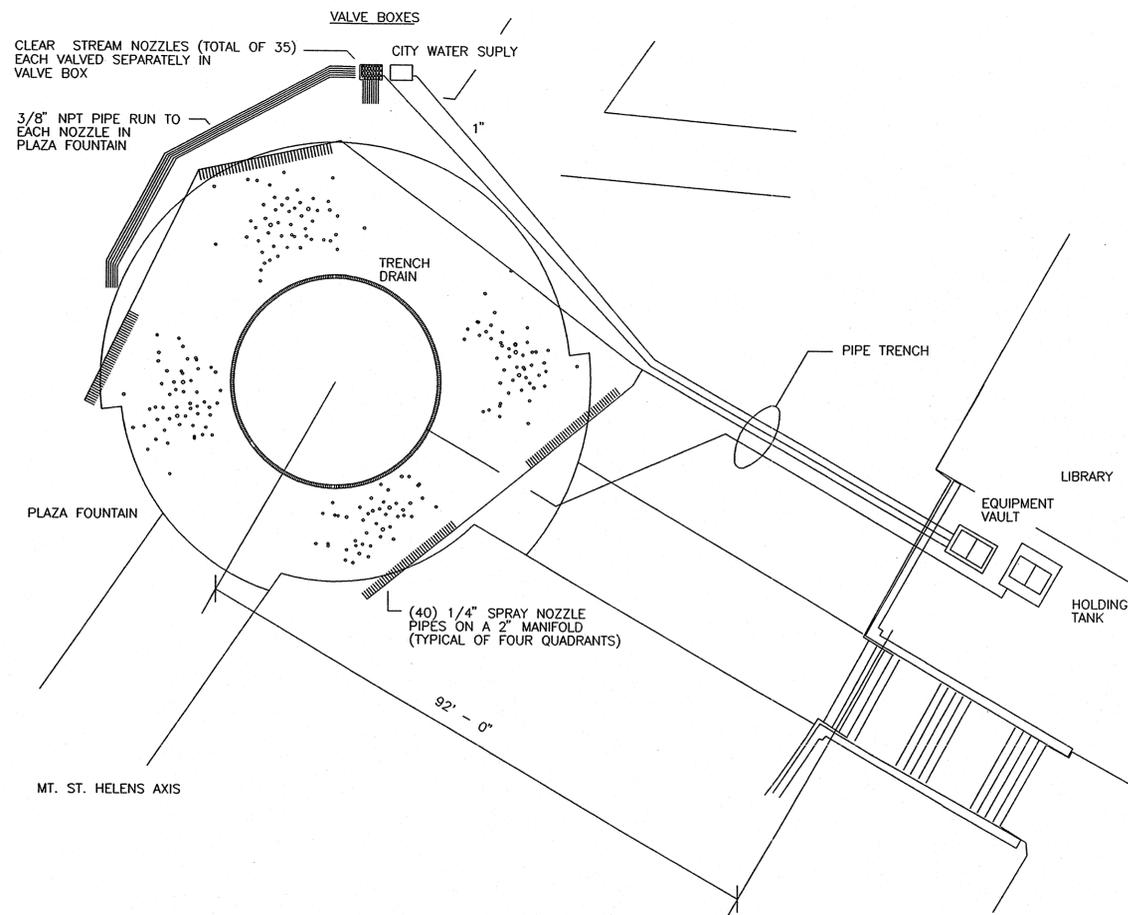
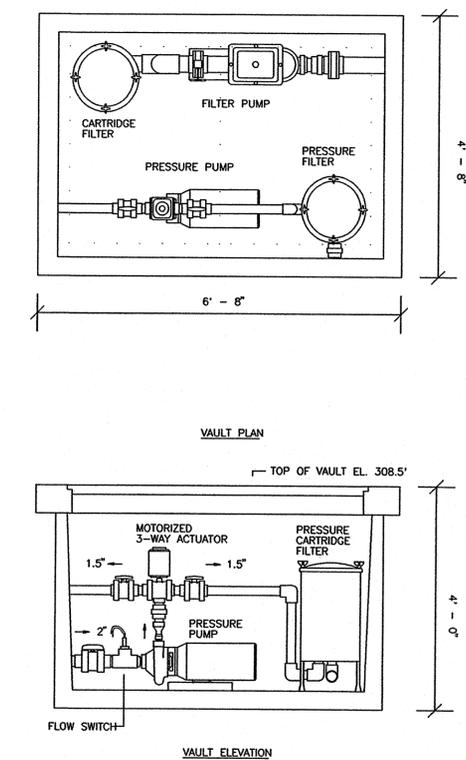
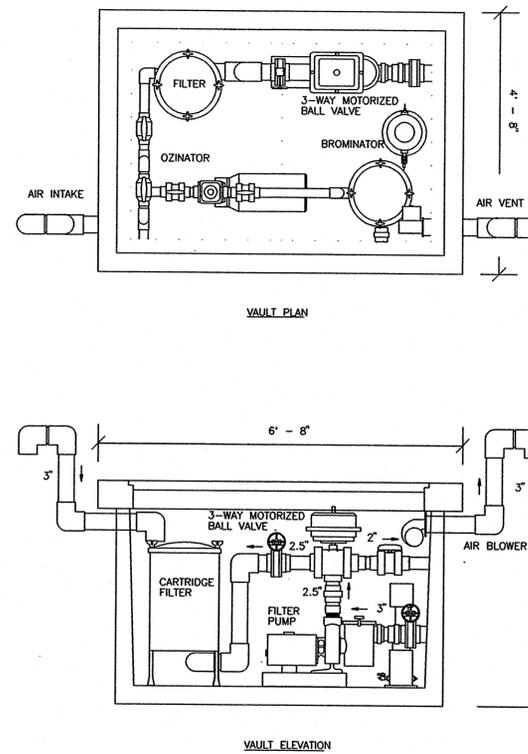
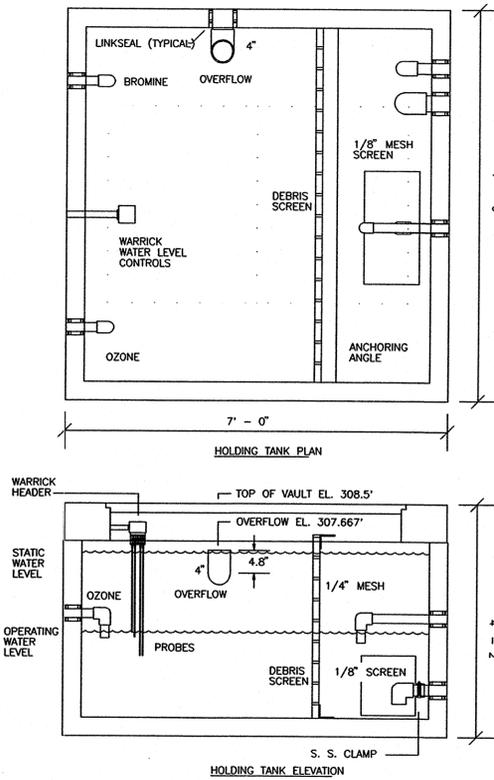
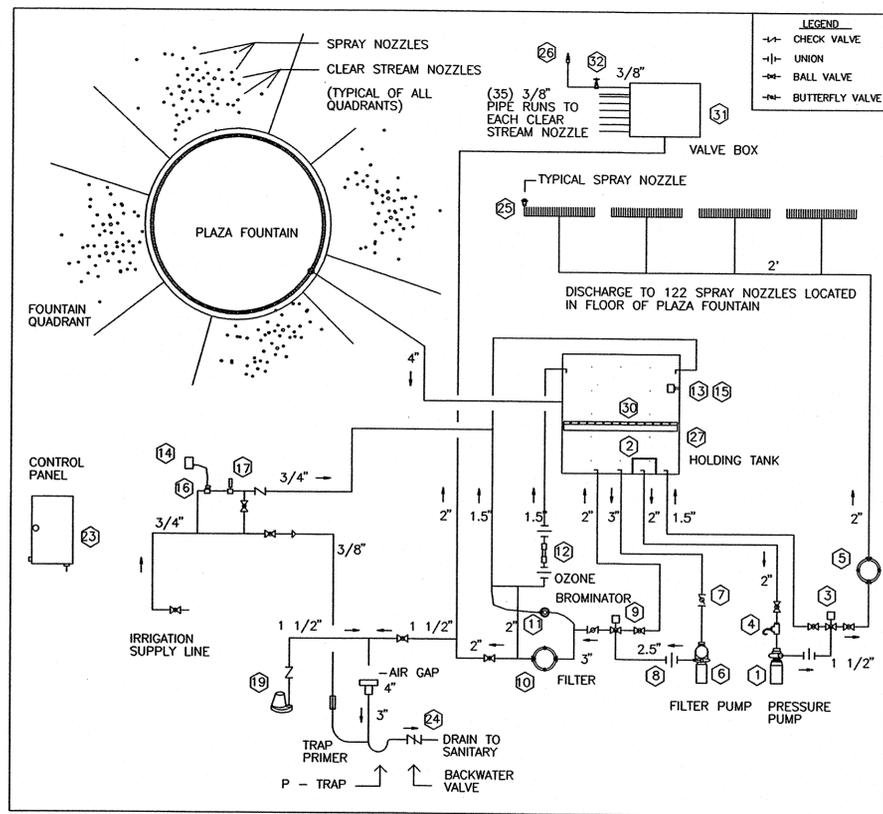
FRSTENBURG PLAZA - LEGENDS & SCHEDULES
 WASHINGTON STATE UNIVERSITY
 VANCOUVER
 Vancouver
 Washington

Architecture/Planning/Interior Design
ZIMMER-GUNSUL-FRASCA PARTNERSHIP
 Los Angeles
 Seattle
 Washington, D.C.

Date: 05/15/00
 Revision No.

EXPRES 3-31-02
 Job No. P40170.01

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WSU - FIRSTENBERG PLAZA FOUNTAIN - MAY 11, 2000

NO	QTY	ITEM	EQUIPMENT SCHEDULE - DESCRIPTION
1	1	Pressure pump	3 HP Paco pump, model 1070-7, 3 phase, 3500 RPM, TEFC 208 volts, 40 GPM at 130' head, 1 1/4" suction and 1" discharge including pump mounted suction and discharge pressure gauges, viton seal
2	1	Strainer basket	Custom built 12" x 12" x 24" S. S. debris screen with mesh under 1/8"
3	1	3 way valve	1 1/2" electrically actuated 3 way valve
4	1	Flow switch	1 1/2" flow sensor
5	1	Cartridge filter	84 SF cartridge filter, stainless steel body, model HF 14, rated to 150 psi by Harmsco
6	1	Filter pump	3 HP Premier Springwater pump, model 658-30M63, 3 phase, 3500 RPM, TEFC 208 volts, 140 GPM at 60' head, 2 1/2" suction and 2 1/2" discharge with integral 8" strainer basket, screen mesh under 1/8"
7	1	Butterfly valve	3" NPT wafer style butterfly valve with gear drive by Milwaukee Valve
8	1	Union	2 1/2" PVC sched. 80 union
9	1	3 way valve	2.5" electrically actuated 3 way ball valve by Hayward, model EVR-3
10	1	Cartridge filter	150 SF cartridge filter, stainless steel body, model TF150TC by Harmsco
11	1	Brominator	Erosion canister type brominator, in-line by Rainbow, or equal
12	1	Ozonator	Ultraviolet ozone generator, model UV-2800 by Clearwater Tech with 1 1/2" inline Mazzoi s. s. injector
13	1	Electrode fitting	Combination water level control and low water cut-off by Warrick, includes: Electrode fitting model 3E5B, with compression cord seals and potting compound
14	2	Controls	Controls model 16MD1A0, 12 volts, low voltage system
15	4	Probes	Stainless steel probes, model 3R1C0
16	1	Solenoid valve	3/4" NPT solenoid valve by Asco, normally closed
17	1	hammer arrestor	3/4" water hammer arrestor by Precision Plumbing Products
18	1	Backflow preventer	3/4" double check backflow preventer model 009-QT by Watts, locate outside vault
19	1	Sump pump	1/6 HP sump pump by Little Giant Co. model 5-ASP-LL, 17 GPM at 10' head
20	1	Air blower	200 CFM air blower model 4C754 by Dayton
21		Ball valves	2" PVC, sched. 80 ball valves, true union, slip, by Spears
		Ball valves	1 1/2" PVC, sched. 80 ball valves, true union, slip, by Spears
		Ball valves	1" bronze ball valve, threaded, for water supply
		Ball valves	3/4" bronze ball valve, threaded, for water supply
		Ball valve	3/8" bronze ball valve, threaded, for trap primer
22		Check valve	3/4" bronze swing check valve
		Check valve	1.5" bronze swing check valve
23	1	Control panel	NEMA 4/12/13 outdoor waterproof enclosure, 3 phase 208/480 volts Factory assembled control panel with motor starter, overload relays, fuses, and HOA switches for (2) 3 HP pumps, (2) 1/5 HP submersible pump, timer, air blower, ozonator, water level controls, solenoid, GFI protected.
24	1	Backwater valve	3" ball float backwater valve
25	122	Spray nozzles	1/4" NPT spray nozzles, model 1/4" LNN-16 by Industrial Spray
26	35	Clear stream nozzles	3/8" NPT clear stream nozzles model 823 by PEM, swivel 15 degrees
27	1	Holding tank	7' by 7' by 4' high, solid wall, double door, model 774-LA by Utility Vault 6' by 3' diamond plated spring assisted door, 850 gallon capacity, 18" risers, waterproof interior of tank after installation of pipes, use Bostik UltraSeal, or equal
28	1	Overflow	4" NPT PVC overflow pipe located in holding tank
29	1	Equipment vault	6' by 4' by 4' high, model 844-LA by Utility Vault, control panel in remote location 6' by 3' diamond plated spring assisted double door, ladder, 18" risers water tight aluminum door with channels
30	1	Debris screen	1 1/2" fiberglass mesh screen secured by s.s. channel to holding tank walls
31	1	Valve box	3' by 4' valve box for 35 clear stream nozzle globe valves
32	35	Globe valves	3/8" NPT globe valves, model 502, bronze, threaded ends, by Milwaukee Valve

Revision No. _____ Date _____

PLAZA IMPROVEMENTS - FOUNTAIN MECHANICAL

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