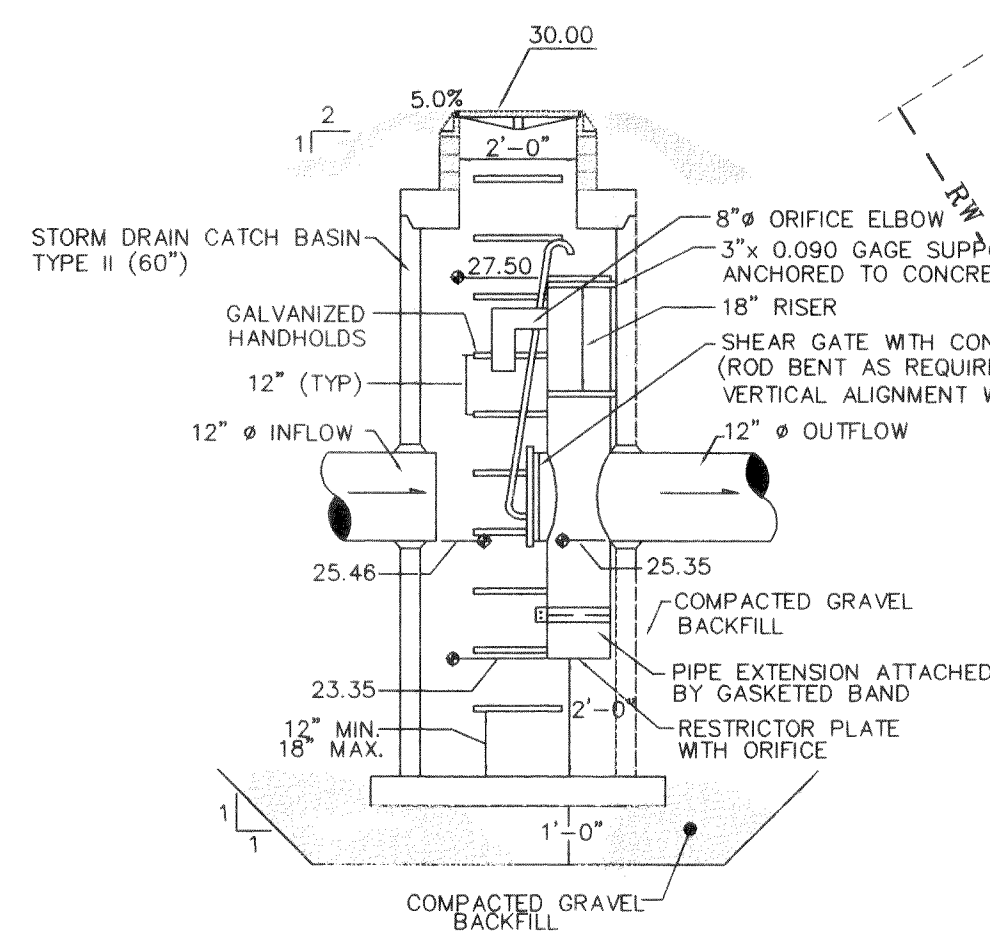


FRAME, GRATE & ROUND SOLID COVER
MARKED "DRAIN" WITH LOCKING BOLTS

ORIFICE SIZE	ELEV.
#1 1.00"	23.35
#2 8.00"	26.35



CONTROL MANHOLE

GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 1994 WSDOT/APWA STANDARD SPECIFICATIONS AND PLANS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION AND CITY OF FERDALE STANDARDS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING SUB-SURFACE CONDITIONS AND SOILS TYPES.
- THE CONTRACTOR SHALL LAY OUT AND SET ANY CONSTRUCTION STAKES AND MARKS NEEDED TO ESTABLISH THE LINES, GRADES, SLOPES OR CROSS-SECTIONS AS SHOWN ON THE PLANS OR AS STAKED BY THE ENGINEER.
- THROUGHOUT THE WORK, THE CONTRACTOR SHALL COMPLY WITH ALL PERMITS.
- THE CONTRACTOR SHALL PROTECT ALL PRIVATE AND PUBLIC UTILITIES FROM DAMAGE RESULTING FROM THE WORK.
- WHEN THE CONTRACTOR CONSIDERS THE WORK PHYSICALLY COMPLETE AND READY FOR FINAL INSPECTION, THE CONTRACTOR SHALL REQUEST THAT CITY INSPECTOR SCHEDULE A FINAL INSPECTION. THE INSPECTOR WILL MAKE A FINAL INSPECTION AND NOTIFY THE CONTRACTOR IN WRITING OF ALL PARTICULARS IN WHICH THE FINAL INSPECTION REVEALS THE WORK INCOMPLETE OR UNACCEPTABLE. THE CONTRACTOR SHALL IMMEDIATELY TAKE SUCH CORRECTIVE MEASURES AS ARE NECESSARY TO REMEDY THE LISTED DEFICIENCIES.
- BEFORE ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY A PRE-CONSTRUCTION MEETING MUST BE HELD BETWEEN THE CONTRACTOR, OWNER, CITY ENGINEER AND PROJECT ENGINEER.
- A COPY OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SAFEGUARDS, SAFETY DEVICES, PROTECTIVE EQUIPMENT, FLAGGERS, AND ANY OTHER NEEDED ACTIONS TO PROTECT THE LIFE, HEALTH AND SAFETY OF THE PUBLIC, AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACT. ANY WORK WITHIN THE TRAVELED RIGHT-OF-WAY THAT MAY INTERRUPT NORMAL TRAFFIC FLOW SHALL REQUIRE AT LEAST ONE FLAGGER FOR EACH LANE OF TRAFFIC AFFECTED. ALL SECTIONS OF THE WSDOT STANDARD SPECIFICATIONS 1-07.23-TRAFFIC CONTROL, SHALL APPLY.
- PROOF OF LIABILITY INSURANCE SHALL BE SUBMITTED TO THE CITY PRIOR TO THE PRE-CONSTRUCTION MEETING.

EARTHWORK NOTES

- THE CONTRACTOR SHALL CLEAR, GRUB AND CLEAN UP THOSE AREAS SHOWN ON THE PLANS.
- THE CONTRACTOR SHALL RAZE, REMOVE AND DISPOSE OF ALL BUILDING AND FOUNDATIONS, STRUCTURES, FENCES AND OTHER OBSTRUCTIONS THAT LIE WHOLLY OR PARTIALLY WITHIN THE PROJECT LIMITS.
- THE CONTRACTOR SHALL EXCAVATE AND GRADE TO THE ALIGNMENT, GRADE AND CROSS-SECTIONS SHOWN IN THE PLANS OR ESTABLISHED BY THE ENGINEER.
- MAXIMUM DENSITY AND OPTIMUM MOISTURE FOR GRANULAR MATERIALS WILL BE DETERMINED USING ASTM D-1557 TEST METHOD.
- UNSATURABLE MATERIAL NOT FIT FOR A SUB-GRADE SHALL BE EXCAVATED TO THE BOUNDARIES SET BY THE ENGINEER AND REPLACED WITH A SUITABLE BACKFILL MATERIAL.

GRAVEL BASE NOTES

- GRAVEL BASES AND BALLAST MAXIMUM PARTICLE SIZE PASSING THE U.S. NO. 200 SIEVE SHALL NOT EXCEED 5%.
- BALLAST, GRAVEL BASE AND CRUSHED SURFACING SHALL BE COMPACTED TO AT LEAST 95% OF ITS MAXIMUM DRY DENSITY.

PAVEMENT NOTES

- WHERE SHOWN ON THE PLANS, PAVEMENT MARKINGS SHALL BE OBLITERATED UNTIL BLEMMISHES CAUSED BY THE PAVEMENT MARKING REMOVAL CONFORM TO THE COLORATION OF THE ADJACENT PAVEMENT.
- SOIL RESIDUAL HERBICIDE SHALL BE PLACED WITHIN 24 HOURS OF PAVING.
- A TACK COAT OF ASPHALT SHALL BE APPLIED BETWEEN ALL COURSES OF ASPHALT.
- ALL PAVEMENT REPAIR SHALL BE SAW-CUT BEFORE REMOVAL. AR-4000W SHALL BE APPLIED TO ALL EDGES OF EXISTING PAVEMENT.
- ASPHALT CONCRETE PAVEMENT SHALL NOT BE PLACED NOR COMPACTED DURING HOURS OF DARKNESS.

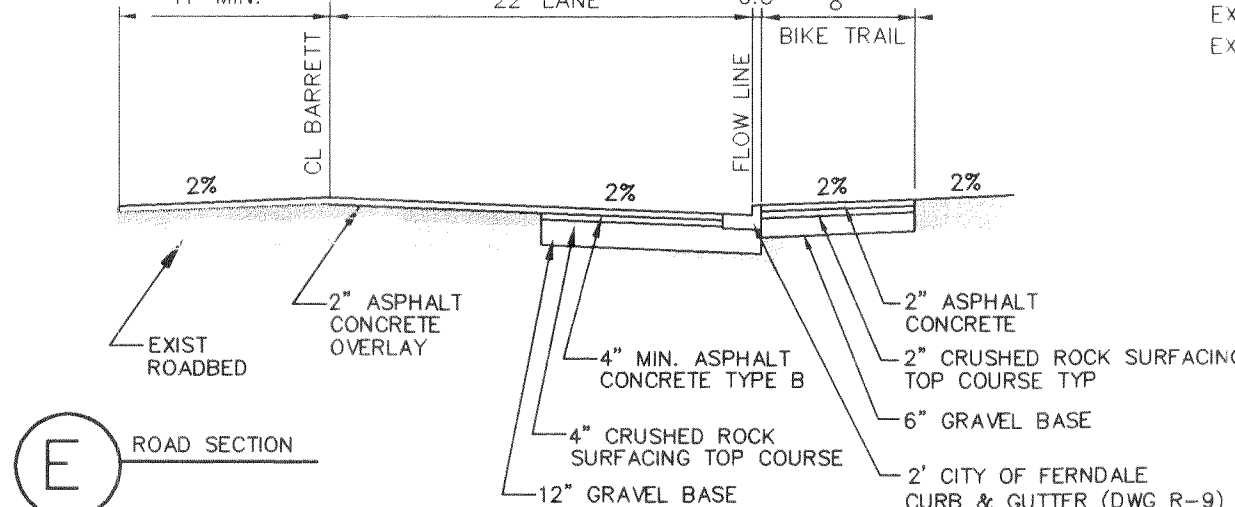
ABBREVIATIONS

CPP	CORRUGATED PLASTIC PIPE
EX	EXISTING
TYP	TYPICAL
FOC	FACE OF CURB
SD	STORM DRAIN
SS	SANITARY SEWER
WL	WATER LINE

WATER NOTES

- THE CONTRACTOR SHALL NOTIFY AND COORDINATE WITH PUBLIC WORKS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOT OPERATE ANY VALVES.
- ALL WATER MAIN PIPE SHALL BE DUCTILE IRON, THICKNESS CLASS 50, WITH CEMENT LINING ACCORDING TO A.W.W.A. STANDARD H3-71, C151-71, AND CEMENT LINING C104-71. MATERIAL FOR FITTINGS AND CROSS-TEES, BENDS, REDUCERS AND SLEEVES SHALL BE DUCTILE IRON. JOINTS SHALL BE FLANGED OR PUSH ON JOINTS AND SHALL CONFORM TO APWA SPECIFICATIONS C-110-71 AND C-104-71. THE RESTRAINING OF DUCTILE IRON PIPE, FITTINGS AND VALVES SHALL BE ACCOMPLISHED BY USE OF EITHER A BOLTED OR BOLTLISS SYSTEM. ANY DEVICE UTILIZING ROUND POINT SET SCREWS SHALL NOT BE PERMITTED.
- CONCRETE THRUST BLOCKING SHALL BE AS SPECIFIED IN DEVELOPMENT STANDARDS DETAIL NUMBERS W-2 THROUGH W-4, OR AS DIRECTED BY THE ENGINEER. BLOCKS SHALL BE INSTALLED AS SPECIFIED IN SECTION 7-11.3(13) OF THE STANDARD SPECIFICATIONS. NO PRE-CAST BLOCKS ARE ALLOWED.
- HYDROSTATIC TESTS/DISINFECTION SHALL BE AS SPECIFIED IN SECTION 7-11.3(11) & 7-11.3(12) OF THE STANDARD SPECIFICATIONS. TEST PRESSURES FOR ACCEPTANCE SHALL BE 200 PSI OR 150 PSI ABOVE EXPECTED OPERATING PRESSURES & SHALL BE DONE IN ACCORDANCE WITH DEVELOPMENT STANDARDS. ALL PURIFICATION ACCEPTANCE SHALL BE DONE ACCORDING TO PUBLIC WORKS REQUIREMENTS. NO PIPE WILL PASS UNLESS ZERO BACTERIA COUNT IS OBTAINED FOR TWO CONSECUTIVE TESTS 24 HOURS APART.
- ALL BACKFILL SHALL BE SELECT MATERIAL AND SHALL CONFORM TO SECTION 2-09 OF THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION.
- ALL VALVES SHALL BE IN ACCORDANCE WITH CITY OF FERDALE DEVELOPMENT STANDARDS SECTION 705.B.3.
- ALL FIRE HYDRANTS SHALL BE IN ACCORDANCE WITH THE DEVELOPMENT STANDARDS SECTION 703.A.5 AND PROJECT DETAIL W-1.
- ALL EXTENSIBLE BLOW-OFF ASSEMBLIES SHALL BE ACCORDING TO DEVELOPMENT STANDARDS DETAIL W-9.
- ALL NON-EXTENSIBLE BLOW-OFF ASSEMBLIES SHALL BE ACCORDING TO DEVELOPMENT STANDARDS SECTION 703.A.5 & PROJECT DETAIL W-1.
- ALL WATER SERVICES SHALL BE CONSTRUCTED ACCORDING TO DEVELOPMENT STANDARDS, CITY OF FERDALE DETAIL W-5.

ROAD SECTION



PARKING LOT & SIDEWALK

TYPE 1 CB
RIM=30.2
E IE(N) 23.50
W IE(OUT) 23.50
0.2% ±

BIOFILTRATION SWALE

NTS

DETENTION POND

NTS

MOTEL BUILDING

FF = 30.40

POOL HOUSE AREA (FUTURE)

BARRETT ROAD

NTS

DETENTION POND

NTS

- LEGEND**
- AS-BUILT LIGHT POLE
 - AS-BUILT WL THRUST BLOCK
 - AS-BUILT WL BLOWOFF
 - AS-BUILT STORM DRAIN CATCH BASIN
 - AS-BUILT WL TEE
 - AS-BUILT WATER LINE SERVICE
 - AS-BUILT SANITARY SEWER SERVICE
 - EXISTING WATER LINE
 - EXISTING WATER VALVE
 - EXISTING FIRE HYDRANT
 - EXISTING WOOD POWER POLE
 - EXISTING GUY WIRE
 - EXISTING UNDERGROUND TELEPHONE PEDESTAL
 - EXISTING MAILBOX
 - EXISTING BARBED WIRE FENCE
 - EXISTING SANITARY SEWER FORCE MAIN
 - EXISTING UNDERGROUND TELEPHONE LINE
 - EXISTING OVERHEAD LINES
 - AS-BUILT ASPHALT
 - AS-BUILT TOP OF SIDEWALK SPOT ELEVATION
 - AS-BUILT FINISHED GRADE SPOT ELEVATION

AS-BUILT

GRAPHIC SCALE

(IN FEET)

1 inch = 20 ft.

20 0 10 20 40

EXPIRES: 5/28/99

2019

PROFESSIONAL ENGINEER

STATE OF WASHINGTON

NO. 10943 7419

E 19354 3805

PSE 110

W.S.D.H. P.C. MON.

N 10943 7419

E 19354 3805

PSE 110

REVISIONS:

- 11/3/96 - REVISED FOR NEW DRAINAGE
- 2/21/97 - REVISED FOR SEWER/PUMP STA.
- 3/25/97 - REVISED DTM/EXIST. CONTOURS
- 4/04/97-REVISED DRAINAGE, PARKING
- 5/8/97-REVISED DRAINAGE, FRONTAGE

Voyager's Landing Motel

SITUATE IN A PORTION OF THE NW 1/4, NW 1/4, SECTION 29, TOWNSHIP 40 NORTH, RANGE 1 EAST OF W.M. FERDALE, WASHINGTON

VOYAGER'S LANDING MOTEL REVISED SITE/GRADING/ WATER & SEWER PLAN

PACIFIC SURVEY & ENGINEERING INCORPORATED

215 WEST HOLLY, SUITE D-15 (DAY ST.)
BELLINGHAM, WASHINGTON 98225
TEL: 325-4444
FAX: 325-4445

DRAWN BY: JPK/JEW

CHECKED BY: HAF

JOB #: 96011

DWG: 96011SP3

DATE: 3/25/98

FLD. BK. #:

PAGE: 1 OF

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