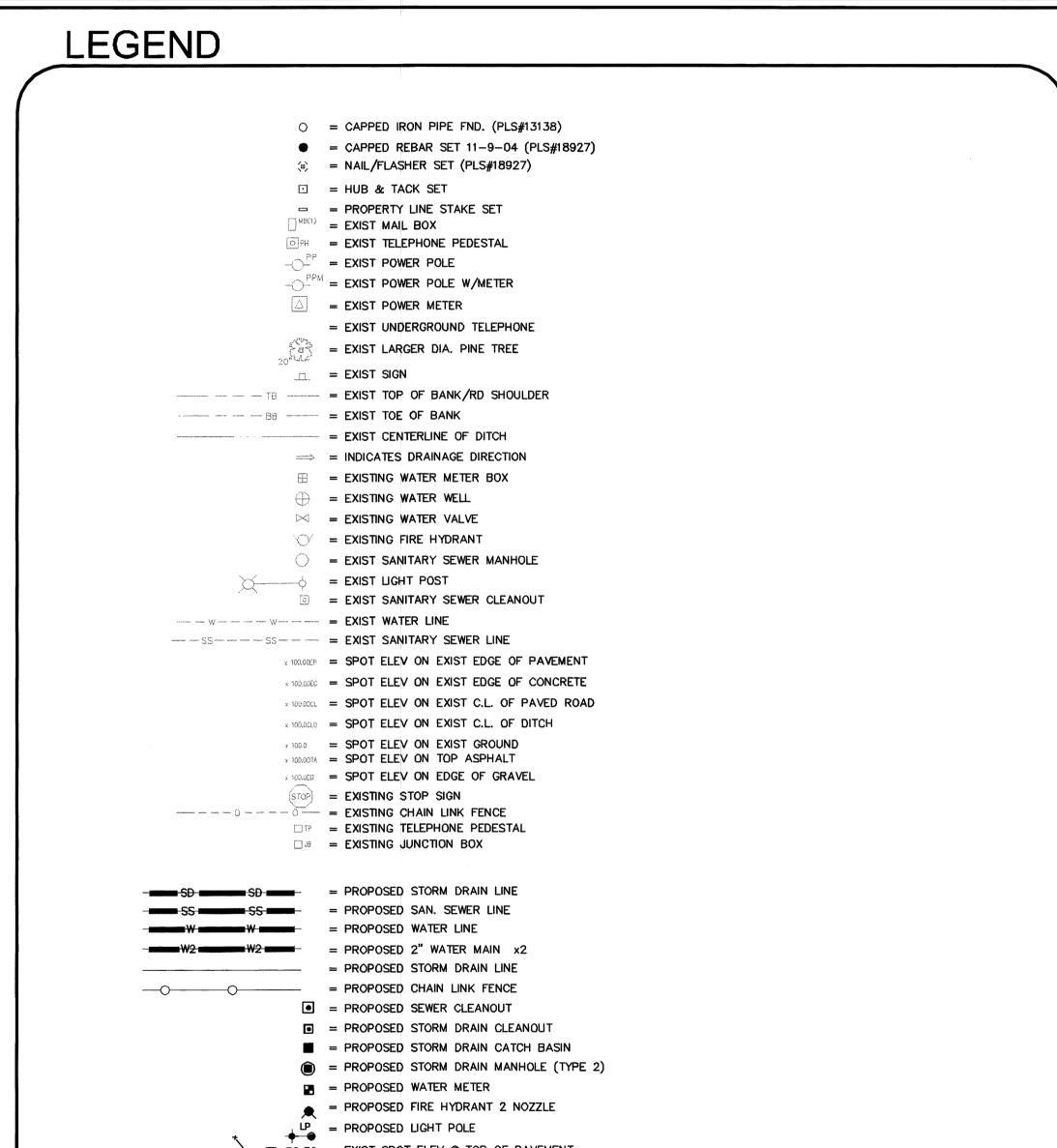
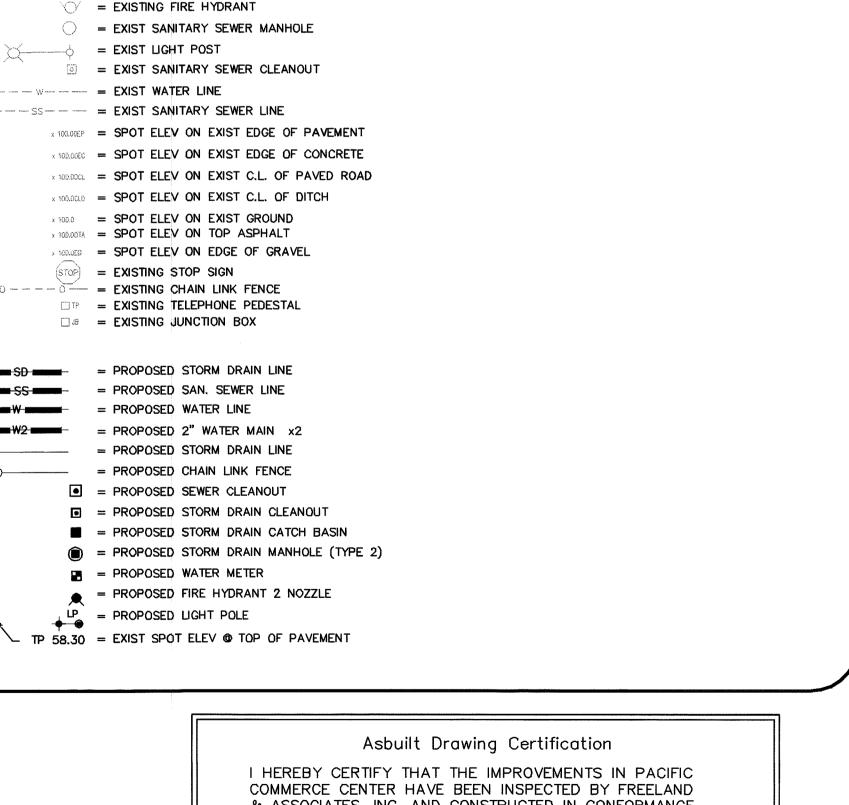
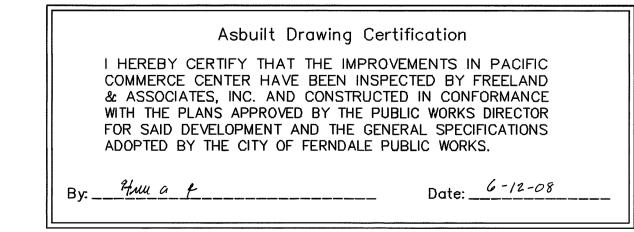
SITUATE IN A PORTION OF THE NE 1/4, SE 1/4 OF SECTION 33, T. 39 N., R. 2 E., W.M. CITY OF FERNDALE, WHATCOM COUNTY, WASHINGTON







SHEET INDEX

- **COVER SHEET**
- **EXISTING CONDITIONS MAP**
- TEMPORARY EROSION AND SEDIMENTATION CONTROL PLAN
- **PAVING, GRADING, AND DRAINAGE PLAN**
- WATER AND SEWER PLAN
- **EROSION CONTROL DETAILS**
- **DETAILS**
- **GENERAL NOTES**
- WALL

ABBREVIATIONS

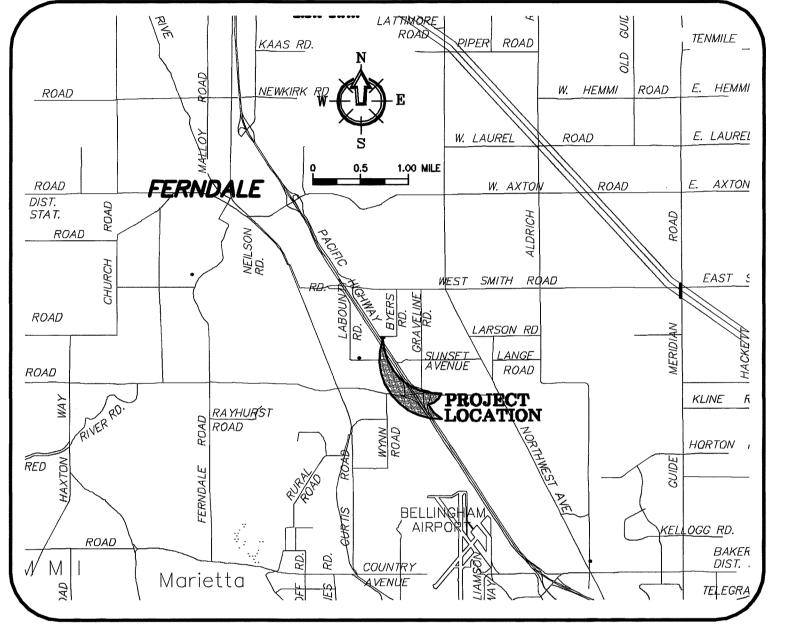
	WL PVC D.I. LF FH MJ FL BO CPLG ADAPT LT RT TYP EX, EXST EXIST CL FF, FFE EP, EOP EL, ELEV R FG	= TYPICAL = EXISTING = EXISTING = CENTERLINE = FINISH FLOOR ELEVATION = EDGE OF PAVING = ELEVATION = RADIUS = FINISHED GRADE	IE INV SSCO SSMH EG STA AF NO. ALIGN RW/ R/W TR MB UTIL REQ LOC APPROX CONC PLNTR WLK FLD PC PT TP	= INVERT ELEVATION = INVERT = SANITARY SEWER CLEANOUT = SANITARY SEWER MANHOLE = EXISTING GRADE = STATION = AUDITORS FILE NUMBER = ALIGNMENT = RIGHT OF WAY = TRACT EASEMENT LINE = MAIL BOX = UTILITY = REQUIRED = LOCATION = APPROXIMATE = CONCRETE = PLANTER = WALKWAY = FIELD = POINT OF CURVE = POINT OF TANGENCY = TOP OF PAVEMENT
	FGE TBC	= FINISHED GRADE ELEVATION	HP FFE	= HIGH POINT = FINISH FLOOR ELEVATION
•	IBC	= TOP BACK OF CURB		- FINISH FLOOR ELEVATION

LEGAL DESCRIPTION

LOT 3, REVISED FABER BROS., LOT LINE ADJUSTMENT, AS FILED UNDER WHATCOM COUNTY, WASHINGTON, AUDITOR'S FILE NO.

City of Ferndale, Project Number DE 2007-03

VICINITY MAP



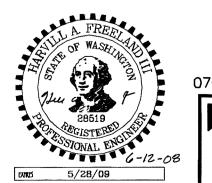
PROJECT INFORMATION

<u>OWNER</u> FABER BROTHERS INVESTMENTS, LLC. RICK FABER 131 E. GROVER ST. LYNDEN, WA 98276 (360) 354-3500 (360) 354-0335

CONTRACTOR FABER BROTHERS, INC. STEPHEN DYKSTRA 131 E. GROVER ST. LYNDEN, WA 98276 (360) 354-3500 (360) 354-0335

CIVIL ENGINEER FREELAND & ASSOCIATES, INC. TONY FREELAND, PE J.P. SLAGLE, PE 1408 NORTH GARDEN STREET BELLINGHAM, WA 98225 (360) 650-1408 (360) 650-1401 {FAX}

MPPROVED



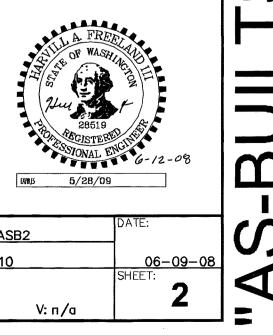


t: 360.650.1408 f: 360.650.1401

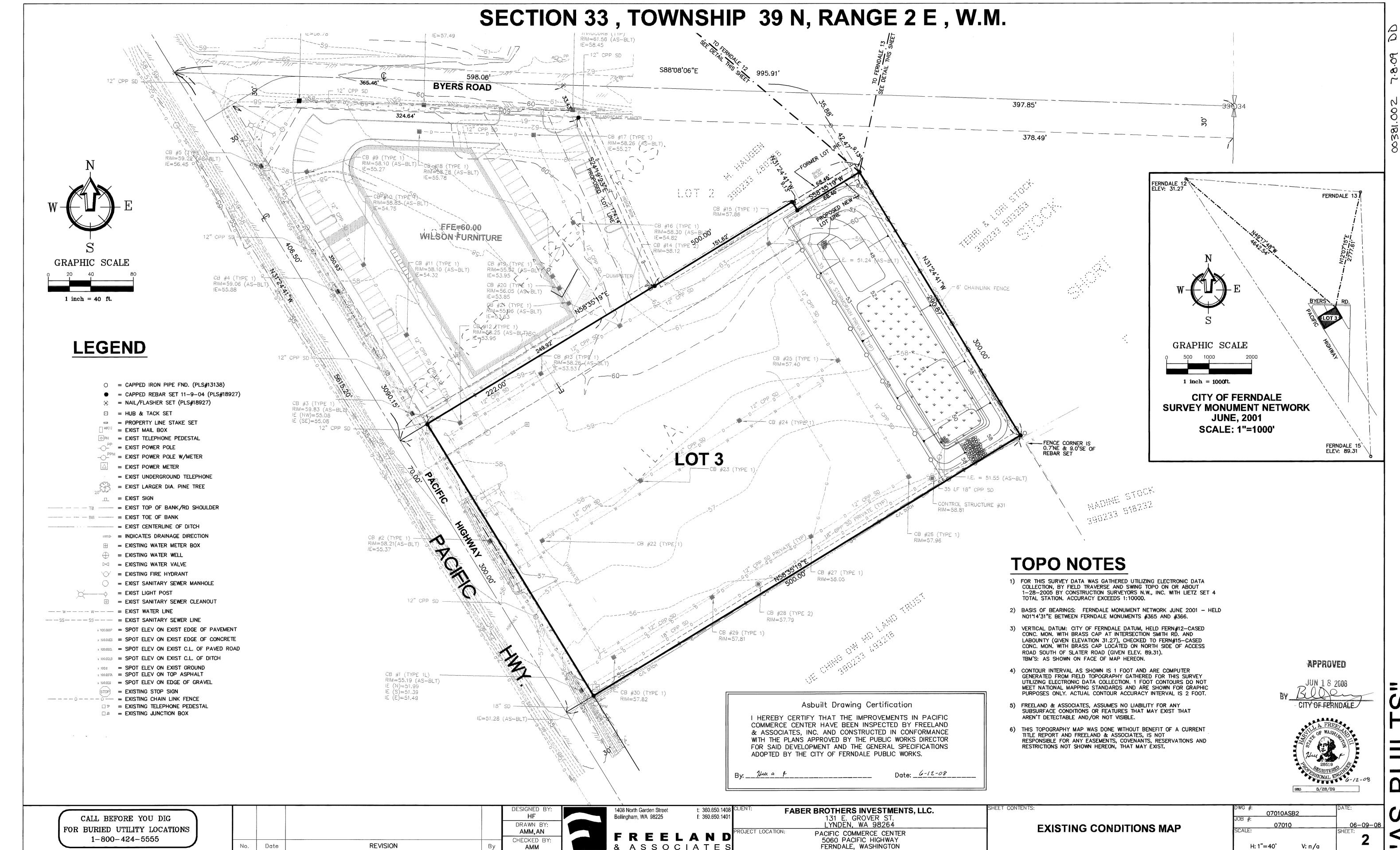
CALL BEFORE YOU DIG

FOR BURIED UTILITY LOCATIONS

1-800-424-5555



H: 1"=40'

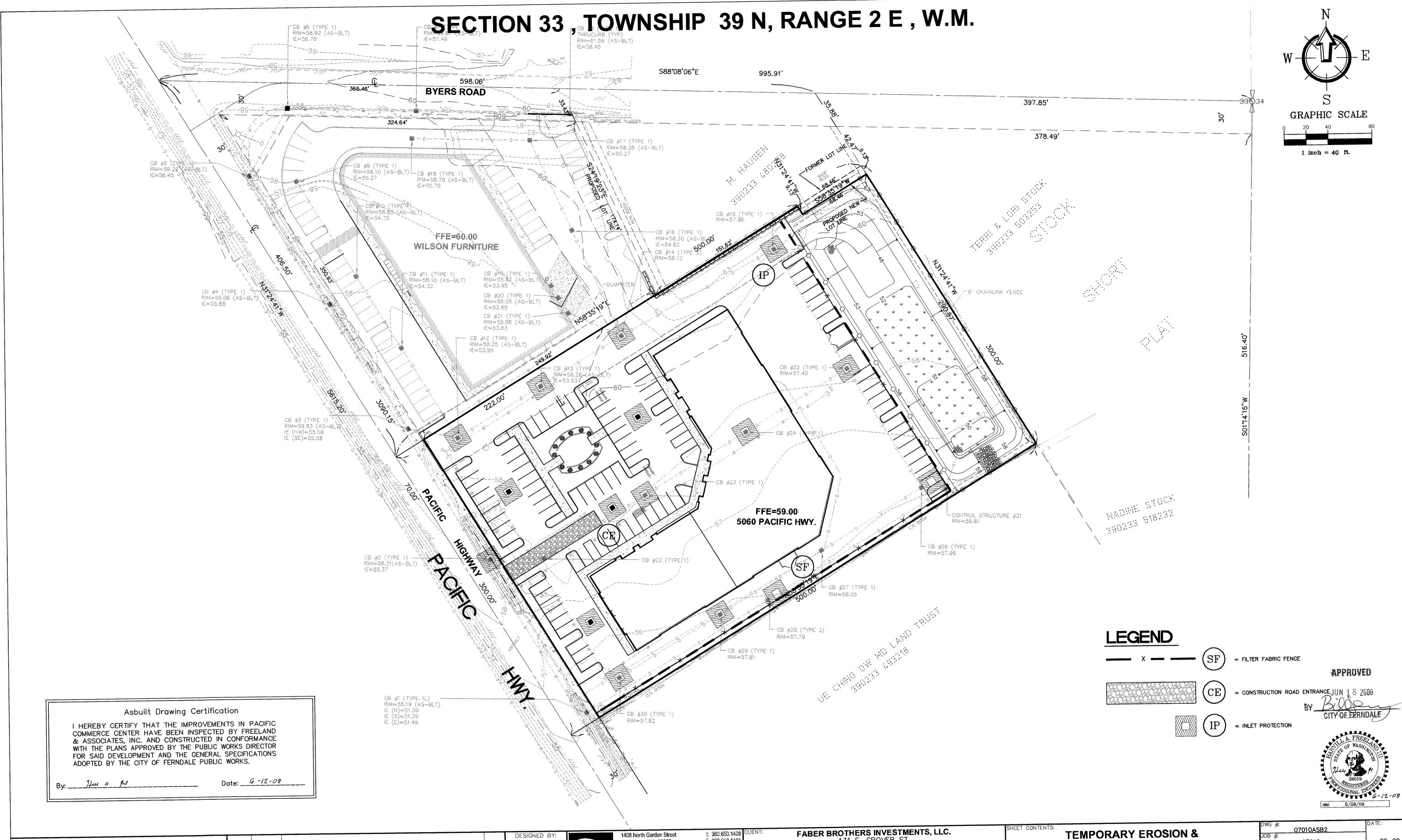


ASSOCIATE

REVISION

Date

H: 1" = 40'

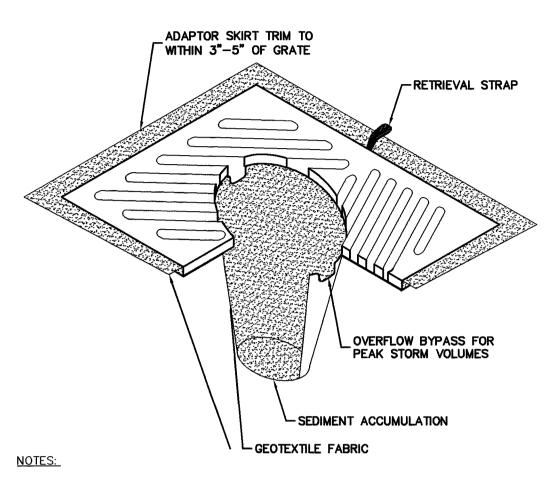


SECTION 33, TOWNSHIP 39 N, RANGE 2 E, W.M.

CB #6 (TYPE 1) RIM=58.92 (AS-BLT) IE=56.78

REVISION

Date

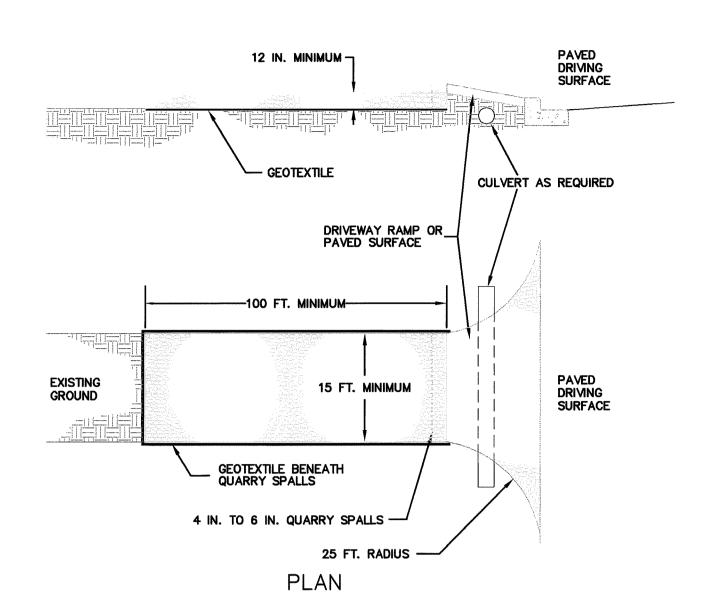


- 1. INSERT SHALL BE INSTALLED PRIOR TO CLEARING AND GRADING ACTIVITY, OR UPON PLACEMENT OF A NEW CATCH BASIN.
- 2. SEDIMENT SHALL BE REMOVED FROM THE UNIT WHEN IT BECOMES HALF FULL .
- 3. SEDIMENT REMOVAL SHALL BE ACCOMPLISHED BY REMOVING THE INSERT, EMPTYING, AND RE-INSERTING IT INTO THE CATCH BASIN.

2 X 2 WOOD POST,

REVISION

CATCH BASIN INSERT

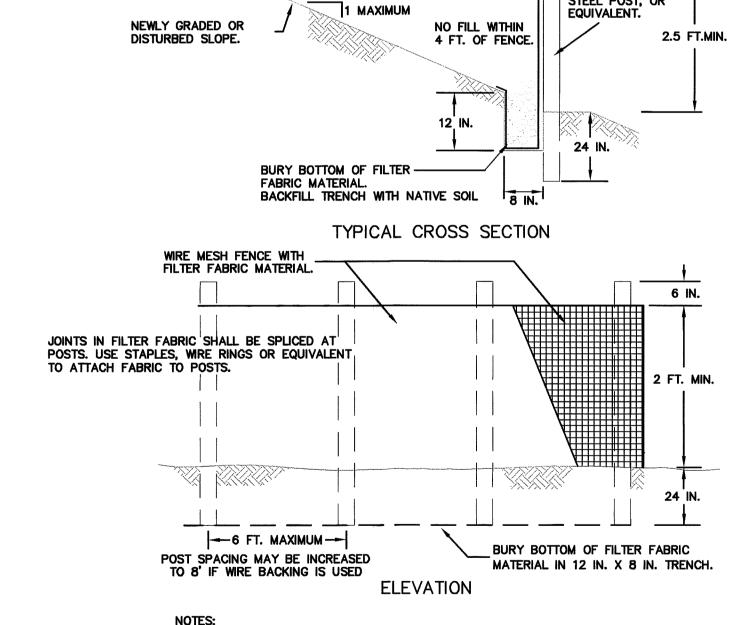


- 1. PAD SHALL BE REMOVED AND REPLACED WHEN SOIL IS EVIDENT ON THE SURFACE OF THE PAD OR AS DIRECTED BY THE CITY.
- 2. PAD SHALL BE INSTALLED IN PLANTING STRIP AS APPROPRIATE.
- 3. PAD THICKNESS SHALL BE INCREASED IF SOIL CONDITIONS DICTATE OR PER THE DIRECTION OF THE CITY.
- 4. MINIMUM DIMENSIONS MAY BE MODIFIED AS REQUIRED BY SITE CONDITIONS UPON APPROVAL OF THE CITY.



EROSION/SEDIMENTATION CONTROL

- 1. APPROVAL OF THE EROSION/SEDIMENTATION CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G., SIZE AND LOCATION OF ROADS, PIPES, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
- 2. THE IMPLEMENTATION OF THE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS APPROVED, AND LANDSCAPING IS ESTABLISHED.
- 3. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
- 4. THE ESC FACILITIES SHOWN ON THE PLANS MUST BE CONSTRUCTED PRIOR TO ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER
- 5. THE ESC FACILITIES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD. THESE ESC FACILITIES SHALL BE UPGRADED (E.G., ADDITIONAL SUMPS, RELOCATION OF DITCHES AND SILT FENCES, ETC.) AS NEEDED FOR UNEXPECTED STORM EVENTS, AND TO ENSURE THAT SEDIMENT AND SEDIMENT-LADEN WATER DO NOT LEAVE THE SITE.
- 6. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
- 7. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE APPLICANT/CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
- 8. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.
- 9. STABILIZED CONSTRUCTION ENTRANCES AND WASH PADS SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
- 10. ANY AREA STRIPPED OF VEGETATION, INCLUDING ROADWAY EMBANKMENTS, WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 7 DAYS, SHALL BE IMMEDIATELY STABILIZED WITH APPROVED ESC METHODS (E.G. SEEDING, MULCHING, NETTING, EROSION BLANKETS, ETC.).
- 11. PUBLIC RIGHTS-OF-WAY SHALL BE KEPT IN A CLEAN SERVICEABLE MANNER AT ALL TIMES. IN THE EVENT THAT MATERIAL IS DEPOSITED ON ROADWAYS, THE MATERIAL SHALL BE PROMPTLY REMOVED. MATERIALS ARE TO BE SWEPT AND REMOVED PRIOR TO ANY FLUSHING. PUBLIC AND PRIVATE DRAINAGE WAYS SHALL BE PROTECTED FROM POLLUTION.
- 12. UPON COMPLETION OF PROJECT AND REMOVAL OF ALL TESC MEASURES, THE POND AND ALL AFFECTED CATCH BASINS MUST BE CLEANED OUT.



- 1. FENCE SHALL NOT BE INSTALLED ON SLOPES STEEPER THAN 2 : 1.
- 2. JOINTS IN FILTER FABRIC SHALL BE OVERLAPPED 6 INCHES AT POST. 3. USE STAPLES, WIRE RINGS, OR EQUIVALENT TO ATTACH FABRIC TO WIRE FENCE.

Date

4. REMOVE SEDIMENT WHEN IT REACHES 1/3 FENCE HEIGHT.



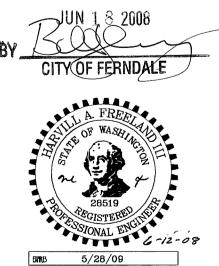
FABER BROTHERS INVESTMENTS, LLC. t: 360.650.1408 CLIENT: 1408 North Garden Street f: 360.650.1401 Bellingham, WA 98225 131 E. GROVER ST. LYNDEN, WA 98264 PACIFIC COMMERCE CENTER 5060 PACIFIC HIGHWAY FERNDALE, WASHINGTON FREELAND & ASSOCIATES

APPROVED

Asbuilt Drawing Certification

I HEREBY CERTIFY THAT THE IMPROVEMENTS IN PACIFIC COMMERCE CENTER HAVE BEEN INSPECTED BY FREELAND & ASSOCIATES, INC. AND CONSTRUCTED IN CONFORMANCE WITH THE PLANS APPROVED BY THE PUBLIC WORKS DIRECTOR FOR SAID DEVELOPMENT AND THE GENERAL SPECIFICATIONS ADOPTED BY THE CITY OF FERNDALE PUBLIC WORKS.

Date: <u>6-12-08</u>

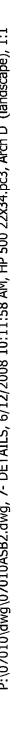


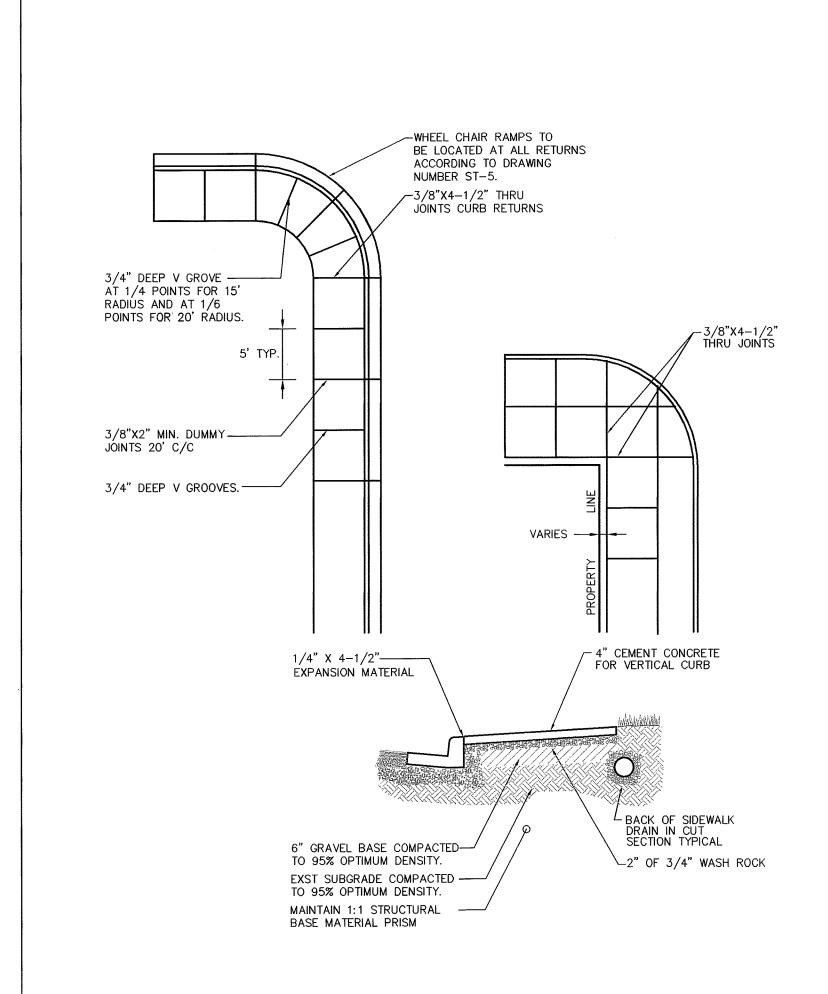
H: 1"=40'

CALL BEFORE YOU DIG FOR BURIED UTILITY LOCATIONS 1-800-424-5555

DRAWN BY CHECKED BY

EROSION CONTROL DETAILS

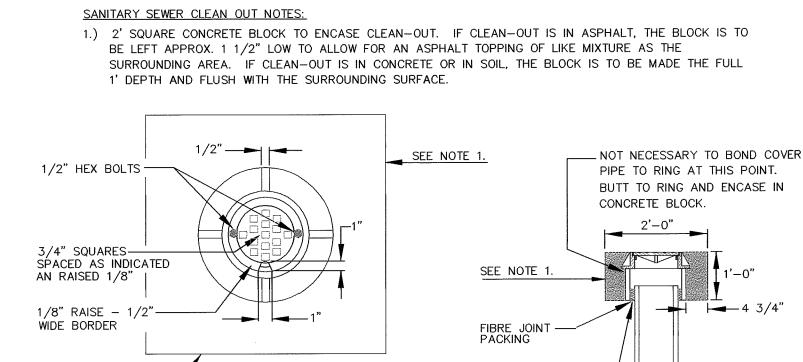


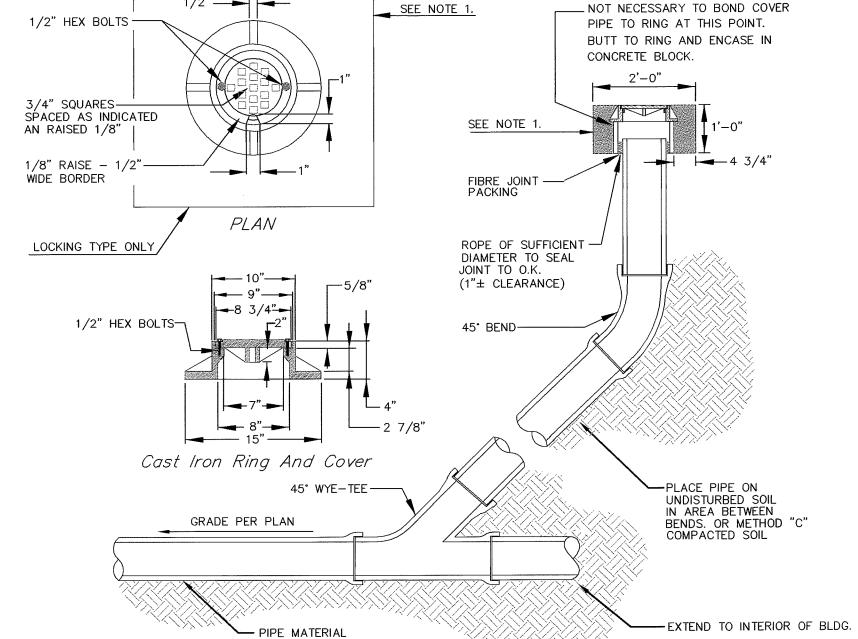


SIDEWALK NOTES

- 1. SIDEWALKS SHALL HAVE A UNIFORM THICKNESS OF 4—INCHES EXCEPT DRIVEWAY AREAS SHALL BE 8-INCHES THICK.
- 2. 3/8-INCH THROUGH JOINTS SHALL BE PLACED 20 FEET CENTER TO CENTER, AND SHALL BE MATCHED TO CURB AND GUTTER JOINTS.
- 3. "V" GROOVES SHALL BE SCORED 3/4-INCH DEEP AT FIVE-FOOT INTERVALS.
- 4. FOR DRIVEWAYS WIDER THAN 20 FEET, PLACE 3/4-INCH DEEP "V" GROOVE AT THE MID-POINT. FOR DRIVEWAYS GREATER THAN 30 FEET WIDE, PLACE 3/4-INCH DEEP "V" GROOVE AT ONE-
- 5. ALL JOINTS SHALL BE CLEANED AND EDGED.
- 6. DRIVEWAY SECTIONS SHALL BE BRUSH FINISHED LONGITUDINALLY WITH A FIBER BRUSH.
- 7. THE CONTRACTOR SHALL PROVIDE TEMPORARY RAMPS OVER NEW CONCRETE CURBING AT DRIVE-WAY LOCATIONS.
- 8. THE BACK OF SOME DRIVEWAYS MAY BE DEPRESSED AT THE DIRECTION OF THE ENGINEER.
- 9. TWO (2) INCHES OF WASHED ROCK SHALL BE PLACED BENEATH SIDEWALKS. WASHED ROCK SHALL CONFORM TO SECTION 9-03.1(3)C GRADING NO. 4"

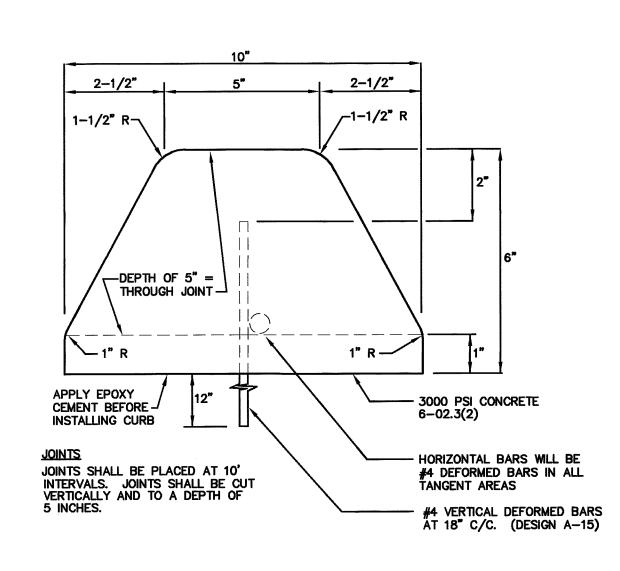




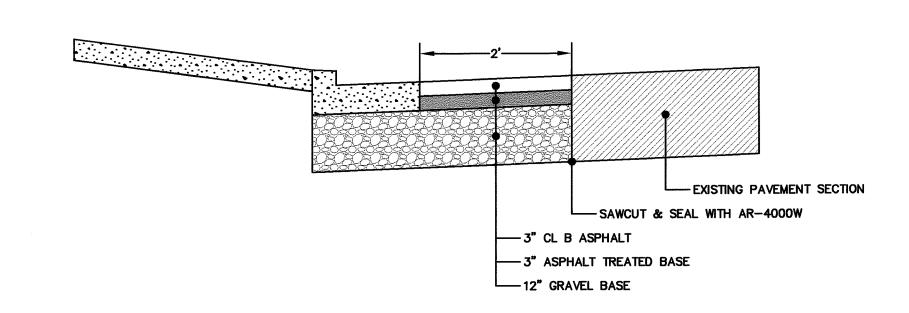




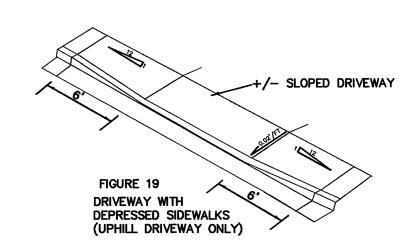
PER PLAN











GENERAL NOTES

THE MOST IMPORTANT ELEMENT OF DRIVEWAY CUTS THAT MEET ADA REQUIREMENTS IS THAT THEY PROVIDE A CONTINUOUS ROUT OF TRAVEL THAT IS A MINIMUM OF 0.9 METERS (3 FEET) IN WIDTH AND A CROSS SLOPE NOT EXCEEDING 2 PERCENT.

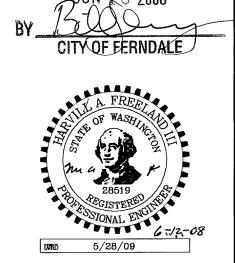
* REFERENCE: WSDOT PEDESTRIAN FACILITIES GUIDEBOOK (1998)



Asbuilt Drawing Certification

I HEREBY CERTIFY THAT THE IMPROVEMENTS IN PACIFIC COMMERCE CENTER HAVE BEEN INSPECTED BY FREELAND & ASSOCIATES, INC. AND CONSTRUCTED IN CONFORMANCE WITH THE PLANS APPROVED BY THE PUBLIC WORKS DIRECTOR FOR SAID DEVELOPMENT AND THE GENERAL SPECIFICATIONS ADOPTED BY THE CITY OF FERNDALE PUBLIC WORKS.

Date: <u>6-12-08</u>



APPROVED

FABER BROTHERS INVESTMENTS, LLC. t: 360.650.1408 CLIENT: 1408 North Garden Street f: 360.650.1401 Bellingham, WA 98225 131 E. GROVER ST. CALL BEFORE YOU DIG LYNDEN, WA 98264 **DETAILS** DRAWN B' FOR BURIED UTILITY LOCATIONS PACIFIC COMMERCE CENTER 5060 PACIFIC HIGHWAY FERNDALE, WASHINGTON FREELAND 1-800-424-5555 CHECKED BY H: 1"=40' REVISION & ASSOCIATE Date

GENERAL REQUIREMENTS

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, CURRENT EDITION AND THE CITY OF FERNDALE DEVELOPMENT STANDARDS AND SHALL BE SUBJECT TO APPROVAL BY THE CITY OF FERNDALE. IN THE EVENT OF A CONFLICT, THE MORE STRINGENT REQUIREMENT SHALL APPLY.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING SUB-SURFACE CONDITIONS AND SOILS TYPES.
- 3. THE SURVEYOR 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.
- 4. THROUGHOUT THE WORK, THE CONTRACTOR SHALL COMPLY WITH ALL PERMITS.
- 5. THE CONTRACTOR SHALL PROTECT ALL PRIVATE AND PUBLIC UTILITIES FROM DAMAGE RESULTING FROM THE WORK.
- 6. WHEN THE CONTRACTOR CONSIDERS THE WORK PHYSICALLY COMPLETE AND READY FOR FINAL INSPECTION, THE CONTRACTOR SHALL REQUEST THAT CITY INSPECTOR TO 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.
- 7. BEFORE ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY A PRE-CONSTRUCTION MEETING MUST BE HELD BETWEEN THE CONTRACTOR, OWNER, CITY ENGINEER AND PROJECT ENGINEER. (MINIMUM 3 DAYS PRIOR TO STARTING WORK)
- 8. A COPY OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- 9. 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 CONTRACTOR. 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-PUBLIC CONVENIENCE AND SAFETY, SHALL APPLY.
- 10. PROOF OF LIABILITY INSURANCE SHALL BE SUBMITTED TO THE CITY PRIOR TO THE PRE-CONSTRUCTION MEETING.
- 11. NO WORK SHALL OCCUR BETWEEN 7:00 PM & 7:00 AM.
- 12. ALL HARD SURFACED PAVEMENTS MUST BE REPAIRED AT THE CLOSE OF EACH WORK DAY. THE REPAIRS CAN BE TEMPORARY WITH ASPHALT COLD MIX OR PERMANENT WITH HOT MIX ASPHALT OR CONCRETE. ALL REPAIRS SHALL BE ACCORDING TO CITY OF FERNDALE DRAWING R-11.
- 13. ALL WORK MUST BE INSPECTED BY A REPRESENTATIVE OF THE CITY OF FERNDALE ENGINEERING DIVISION, AND 24 HOURS NOTICE MUST BE GIVEN PRIOR TO STARTING WORK OR TO SCHEDULE INSPECTIONS IN ACCORDANCE WITH SECTION 302 OF THE DEVELOPMENT STANDARDS.
- 14. UPON COMPLETION OF THE PROJECT A CERTIFIED AS-BUILT PRINT SHALL BE PROVIDED TO THE CITY. AS-BUILTS SHALL BE ACCORDING TO CITY OF FERNDALE SPECIFICATION SEC 403.4A.
- 15. THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE BASED ON FIELD SURVEYS AND LOCAL UTILITY COMPANY RECORDS. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO STARTING CONSTRUCTION. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE. CALL 1-800-424-5555 FOR UTILITY LOCATE 48 HOURS PRIOR TO WORK, CONTRACT TO HOLD. THE CONTRACTOR SHALL NOTIFY THE ENGINEER PROMPTLY OF ANY CONFLICT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF ALL ADJACENT UTILITIES WHICH INCLUDE BUT ARE NOT LIMITED TO: WATER, SEWER, STORM SEWER, POWER, TELEPHONE, CABLE TV, IRRIGATION, AND STREET LIGHTING. CONTRACTOR SHALL RESTORE ALL PRIVATE AND PUBLIC PROPERTY DISTURBED BY THE PROJECT UPON COMPLETION OF THE PROJECT.

16. A REVOCABLE ENCROACHMENT PERMIT SHALL BE OBTAINED PRIOR TO COMMENCING WORK IN THE PUBLIC RIGHT OF WAY.

Date

- 1. GRAVEL BASES AND BALLAST MAXIMUM PARTICLE SIZE PASSING THE U.S. NO. 200 SIEVE SHALL NOT EXCEED 5%.
- 2. BALLAST, GRAVEL BASE AND CRUSHED SURFACING SHALL BE COMPACTED TO AT LEAST 95% OF ITS MAXIMUM DRY DENSITY.
- 3. THE CONTRACTOR OR PROPONENT SHALL BE RESPONSIBLE FOR ALL COMPACTION TESTING. ALL TESTING SHALL BE THROUGH ENGINERRING REVIEW ACCOUNT AND PAID FOR BY TEH OWNER.

<u>PAVEMENTS</u>

- 1. WHERE SHOWN ON THE PLANS, PAVEMENT MARKINGS SHALL BE OBLITERATED UNTIL BLEMISHES CAUSED BY THE PAVEMENT MARKING REMOVAL CONFORM TO THE COLORATION OF THE ADJACENT PAVEMENT.
- 2. SOIL RESIDUAL HERBICIDE SHALL BE PLACED WITHIN 24 HOURS OF PAVING.
- 3. A TACK COAT OF ASPHALT SHALL BE APPLIED BETWEEN ALL COURSES OF ASPHALT.
- 4. ALL PAVEMENT REPAIR SHALL BE SAW-CUT BEFORE REMOVAL. AR-4000W SHALL BE APPLIED TO ALL EDGES OF EXISTING PAVEMENT.
- 5. ASPHALT CONCRETE PAVEMENT SHALL NOT BE PLACED NOR COMPACTED DURING HOURS OF DARKNESS.
- 6. SUBGRADE SHALL BE CERTIFIED IN WRITTING BY THE ENGINEER PRIOR TO PAVING.

- 1. TEST PRESSURE FOR WATERMAIN ACCEPTANCE SHALL BE 225 p.s.i. AT THE HIGHEST POINT ON THE WATER LINE AND SHALL BE DONE ACCORDING TO CITY OF FERNDALE REQUIREMENTS. ALL PURIFICATION ACCEPTANCE TESTING SHALL BE ACCORDING TO CITY OF FERNDALE REQUIREMENTS. THE PIPE WILL NOT PASS UNLESS A ZERO BACTERIA COUNT IS OBTAINED FOR TWO CONSECUTIVE TESTS 24 HOURS APART.
- 2. ALL BACKFILL SHALL BE IMPORTED GRAVEL AND SHALL CONFORM TO SECTION 2-09 OF THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION.
- 3. ALL PIPE SHALL HAVE A MINIMUM COVER OF 3.5 FEET.

- 1. THE CONTRACTOR SHALL CLEAR, GRUB AND CLEAN UP THOSE AREAS SHOWN ON THE PLANS.
- 2. THE CONTRACTOR SHALL EXCAVATE AND GRADE TO THE ALIGNMENT, GRADE AND CROSS-SECTIONS SHOWN IN THE PLANS OR ESTABLISHED BY THE ENGINEER. IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL ENGINEERING STUDY.
- 3. MAXIMUM DENSITY AND OPTIMUM MOISTURE FOR GRANULAR MATERIALS WILL BE DETERMINED USING ASTM D-1557 TEST METHOD.
- 4. UNSUITABLE MATERIAL NOT FIT FOR A SUB-GRADE SHALL BE EXCAVATED TO THE BOUNDARIES SET BY THE ENGINEER AND REPLACED WITH A SUITABLE BACKFILL MATERIAL.

STORM DRAINAGE

- 1. ALL PIPE AND APPURTENANCES SHALL BE LAID ON A PROPERLY PREPARED FOUNDATION IN ACCORDANCE WITH WSDOT 7-08. THIS SHALL INCLUDE LEVELING AND COMPACTING THE TRENCH BOTTOM, THE TOP OF THE FOUNDATION MATERIAL AND ANY REQUIRED PIPE BEDDING, TO A UNIFORM GRADE SO THAT THE ENTIRE PIPE IS SUPPORTED BY A UNIFORMLY DENSE UNYIELDING BASE.
- 2. ALL DRAINAGE STRUCTURES, SUCH AS CATCH BASINS AND MANHOLES, NOT LOCATED WITHIN A TRAVELED ROADWAY OR SIDEWALK, SHALL HAVE SOLID LOCKING LIDS. ALL DRAINAGE STRUCTURES ASSOCIATED WITH A PERMANENT RETENTION / DETENTION FACILITY SHALL HAVE SOLID LOCKING LIDS.
- 3. ALL CATCH BASIN GRATES SHALL INCLUDE THE STAMPING "OUTFALL TO STREAM, DUMP NO POLLUTANTS.

STORM DRAINAGE CONT.

- 4. ALL DRIVEWAY CULVERTS LOCATED WITHIN THE RIGHT-OF-WAY SHALL BE OF SUFFICIENT LENGTH TO PROVIDE A MINIMUM 3:1 SLOPE FROM THE EDGE OF THE DRIVEWAY TO THE BOTTOM OF THE DITCH. CULVERTS SHALL HAVE BEVELED END SECTIONS PER WSDOT
- 5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE LOCATIONS OF ALL STUB-OUT CONVEYANCE LINES WITH RESPECT TO THE UTILITIES (E.G. POWER, GAS, TELEPHONE, TELEVISION).

SANITARY SEWER SPECIFICAITONS

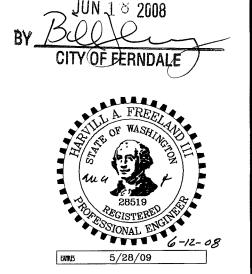
- 1. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIRFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCITON, CURRENT EDITION AND THE CITY OF FERNDALE DEVELOPMENT STANDARDS SECTON 5 AND SHALL BE SUBJECT TO APPROVAL BY THE CITY OF FERNDALE.
- 2. FOUR INCH THROUGH TWELVE-INCH PIPE SHALL BE PVC PIPE CONFORMING TO ASTM D-3034, SDR-35 OR EQUAL. PIPE JOINTS SHALL BE MADE WITH FLEXIBLE GASKETS CONFOMING TO THE REQUIREMENTS OF SECTION 7-17.3G (2)E OF THE STANDARD SPECIFICATIONS.
- 3. TRENCH EXCAVATION SHALL BE ACCORDING TO SECTION 7-17.3(1)A OF THE STANDARD SPECIFICATIONS.
- 4. THE BEDDING SHALL BE PEA GRAVEL PER SS-1.
- 5. PIPE LAYING SHALL MEET THE REQUIREMENTS OF SECTION 7-17.3(2)B OF THE STANDARD SPECIFICATIONS.
- 6. ALL SIDE SEWERS SHALL BE CONSTRUCTED ACCORDING TO THE CITY OF FERNDALE STANDARD PLAN SS-6 THROUGH SS-8. CONNECT SIDE SEWERS PER COF DWG SS-12.
- 7. ALL TRENCH BACKFILL UNDER EXISTING OR FUTURE PAVING SHALL BE BANK RUN GRAVEL, CLASS "B" AND SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY.
- 8. ALL SEWER PIPE WILL BE PRESSURE TESTED AND WILL SCANNED BY MEANS OF A TV CAMERA PRIOR TO ACCEPTANCE BY THE CITY OF FERNDALE.
- 9. ALL MANHOLES WILL BE ACCORDING TO THE CITY OF FERNDALE STANDARD PLAN NO. SS-2.
- 10. ALL CLEANOUTS SHALL BE ACCORDING TO CITY OF FERNDALE STANDARD PLAN NO. SS-5.
- 11. ALL HARD SURFACED PAVEMENTS MUST BE REPAIRED AT THE CLOSE OF EACH WORK DAY. THE REPAIRS CAN BE TEMPORARY WITH ASPHALT COLD MIX OR PERMANENT WITH HOT MIX ASPHALT OR CONCRETE.
- 12. ALL WORK MUST BE INSPECTED AND APPROVED BY A REPRESENTATIVE OF THE CITY OF FERNDALE PUBLIC WORKS, AND 24 HOURS NOTICE MUST BE GIVEN PRIOR TO STARTING WORK OR TO SCHEDULE INSPECTIONS.
- 13. ALL TESTING SHALL BE DONE IN THE PRESENCE AND UNDER THE SUPERVISION OF A REPRESENTATIVE OF THE CITY OF FERNDALE.

APPROVED

Asbuilt Drawing Certification

I HEREBY CERTIFY THAT THE IMPROVEMENTS IN PACIFIC COMMERCE CENTER HAVE BEEN INSPECTED BY FREELAND & ASSOCIATES, INC. AND CONSTRUCTED IN CONFORMANCE WITH THE PLANS APPROVED BY THE PUBLIC WORKS DIRECTOR FOR SAID DEVELOPMENT AND THE GENERAL SPECIFICATIONS ADOPTED BY THE CITY OF FERNDALE PUBLIC WORKS.

Date: 6-12-08



CALL BEFORE YOU DIG FOR BURIED UTILITY LOCATIONS 1-800-424-5555

HAF DRAWN B CHECKED BY **REVISION**



1408 North Garden Street Bellingham, WA 98225 f: 360,650,140 FREELAND & ASSOCIATE

t: 360.650.1408 CLIENT:

131 E. GROVER ST. LYNDEN, WA 98264 PACIFIC COMMERCE CENTER 5060 PACIFIC HIGHWAY FERNDALE. WASHINGTON

FABER BROTHERS INVESTMENTS, LLC.

GENERAL NOTES

07010ASB2 V: n/a H: n/a