

Civil Site Improvements Party Stuff - 5715 Barrett Road

Ferndale, WA

GENERAL NOTES:

- PRIOR TO STARTING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES. CONTRACTOR SHALL OBTAIN A REVOCABLE ENCROACHMENT PERMIT FROM THE CITY OF FERNDAL PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION CONFERENCE WITH THE REPRESENTATIVES FROM THE CITY OF FERNDAL PUBLIC WORKS DEPARTMENT A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO BEGINNING WORK.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND THE CURRENT WSDOT STANDARD SPECIFICATIONS AND THE REQUIREMENTS OF THE CITY OF FERNDAL DEVELOPMENT AND CONSTRUCTION STANDARDS. IN THE EVENT OF A CONFLICT THE MOST STRINGENT REQUIREMENTS SHALL APPLY.
- ALL WORK AND MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE CITY OF FERNDAL. REPRESENTATIVES FROM THE CITY OF FERNDAL PUBLIC WORKS DEPARTMENT MUST INSPECT ALL WORK. THE CONTRACTOR SHALL CALL AT LEAST 24 HOURS IN ADVANCE TO SCHEDULE INSPECTIONS AS FOLLOWS.
 - PLACEMENT OF TEMPORARY EROSION CONTROL MEASURES.
 - PLACEMENT OF WATER MAIN AND BACK FILLING OF WATER MAIN WITHIN ROAD RIGHT-OF-WAY OR IN WATERLINE EASEMENTS TO BE DEDICATED TO THE CITY OF FERNDAL.
 - PLACEMENT AND BACKFILLING OF UNDERGROUND UTILITIES, STORM SEWER AND SANITARY SEWER WITHIN ROAD RIGHT-OF-WAY OR IN EASEMENTS TO BE DEDICATED TO THE CITY OF FERNDAL.
 - END OF MAINTENANCE PERIOD.
- SITE CLEARING SHALL INCLUDE THE LOCATION AND REMOVAL OF ALL ABOVE GROUND AND BURIED DEBRIS AND WASTE THAT MAY BE PRESENT.
- CONTRACTOR SHALL RESTORE ALL PRIVATE AND PUBLIC PROPERTY DISRUPTED BY THE PROJECT IMMEDIATELY AFTER CONSTRUCTION.
- CONTRACTOR SHALL INFORM THE ENGINEER AND OBTAIN APPROVAL FROM THE CITY OF FERNDAL PUBLIC WORKS DEPARTMENT OF ANY PROPOSED CHANGES IN PLAN PRIOR TO CONSTRUCTION OF THAT CHANGE. CONTRACTOR SHALL KEEP RECORD OF DEVIATIONS AND FORWARD TO THE ENGINEER.
- THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE BASED ON FIELD SURVEYS AND LOCAL UTILITY COMPANY RECORDS. IT SHALL BE THE CONTRACTORS FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO STARTING CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE. CALL 1-800-424-5555.
- ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION MANAGER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
- 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(1) - TRAFFIC CONTROL SHALL APPLY.
- ALL DISTURBED AREAS SHALL BE COVERED WITH MULCH OR WOOD CHIPS WHILE NOT UNDER CONSTRUCTION.
- AN APPROVED COPY OF THESE PLANS MUST BE ON-SITE WHENEVER CONSTRUCTION IS IN PROGRESS.

STORM NOTES:

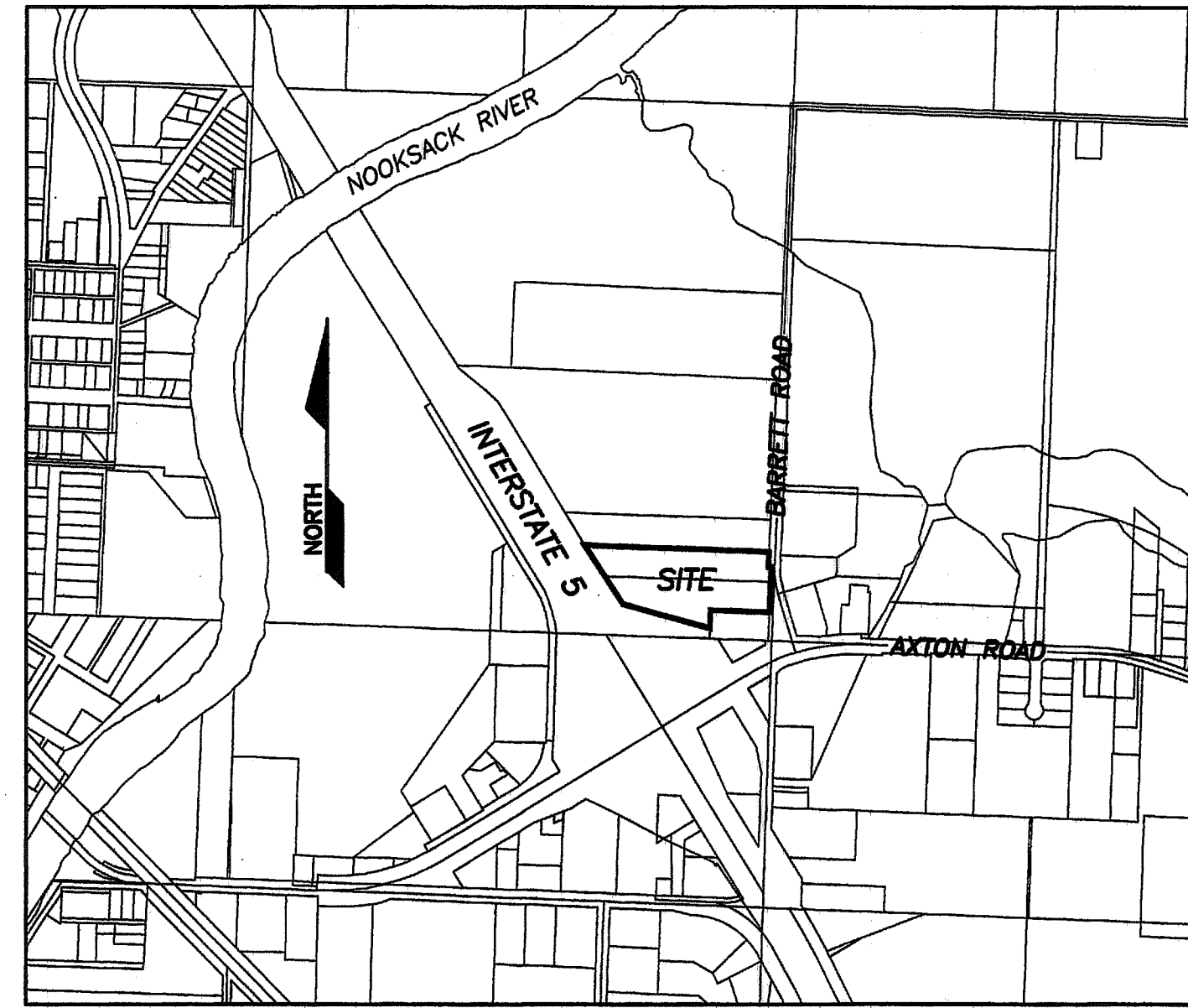
- TYPE 1 CATCH BASINS SHALL BE PER WS-DOT STANDARD PLAN B-5.20-00. TYPE 2 CATCH BASINS SHALL BE PER WS-DOT STANDARD PLAN B-10.20-00. CONCRETE INLETS SHALL BE PER WS-DOT STANDARD PLAN B-25.60-00. WHERE LOCATED IN CURB GUTTER LINE CATCH BASIN SHALL BE THRU-CURB INLET FRAME AND GRATE IN ACCORDANCE WITH CITY OF FERNDAL STD. DRAWING R-8. VANED GRATES SHALL BE USED IN ACCORDANCE WITH WSDOT STD PLAN B-30.30-00.
- STORM DRAINAGE PIPE SHALL CONFORM TO WSDOT SECTION 7-04.

STREET NOTES:

- PAVING
 - SUBGRADE SHALL BE INSPECTED AND APPROVED BY A GEOTECHNICAL ENGINEER PRIOR TO PAVING.
 - GRAVEL BASE COURSE SHALL BE INSTALLED PER WSDOT SECTION 4-02, WITH GRAVEL BASE MATERIAL CONFORMING TO WSDOT SECTION 9-03.10.
 - CRUSHED ROCK SHALL BE INSTALLED PER WSDOT SECTION 4-04, WITH MATERIAL CONFORMING TO WSDOT SECTION 9-03.9(3).
 - ASPHALT PAVEMENT SHALL BE IN ACCORDANCE WITH WSDOT SECTION 5-04.
- CONCRETE CURBING WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE CURB AND GUTTER IN ACCORDANCE WITH CITY OF FERNDAL STD. DRAWING R-8, AS NOTED ON THE PLANS. CURBING ON PRIVATE PROPERTY SHALL BE CONCRETE BARRIER CURB, AS NOTED ON THE PLANS.
- SIDEWALKS SHALL BE IN ACCORDANCE WITH CITY OF FERNDAL STD. DRAWING R-12. SUBGRADE FOR SIDEWALKS SHALL BE INSPECTED AND APPROVED BY ENGINEER PRIOR TO PLACEMENT OF CONCRETE.
- SIDEWALK RAMPS SHALL BE IN ACCORDANCE WITH WSDOT STANDARD PLAN F-40.12-00.
- CONTRACTOR SHALL VERIFY ALL GRADES AND DIMENSIONS PRIOR TO CURB INSTALLATION AND PRIOR TO PAVING.

WATER NOTES:

- ALL WATER MAIN PIPE SHALL BE DUCTILE IRON, CLASS 50, WITH CEMENT LINING ACCORDING TO AWWA STANDARD H3-71, C151-71, AND C104-71, AND CITY OF FERNDAL STANDARDS 702 AND 705.
- CONCRETE THRUST BLOCKING SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF FERNDAL STANDARD DETAILS W-2, W-3, AND W-4. ALL THRUST BLOCKING SHALL BE IN ACCORDANCE WITH WSDOT 7-09.3(21).
- FIRE HYDRANTS SHALL BE INSTALLED PER FERNDAL STANDARDS DETAIL W-1.
- CHLORINATION AND DISINFECTION OF WATER MAINS SHALL BE IN ACCORDANCE WITH AWWA SECTION C651.
- TEST PRESSURE FOR WATER MAIN ACCEPTANCE SHALL BE 225 PSI AND TESTING SHALL BE PERFORMED ACCORDING TO CITY OF FERNDAL REQUIREMENTS. ALL DISINFECTION AND BACTERIOLOGICAL TESTS SHALL BE CONDUCTED BY THE CITY OF FERNDAL LABORATORY. THE PIPE WILL NOT PASS UNLESS A ZERO BACTERIA COUNT IS OBTAINED FOR TWO CONSECUTIVE TESTS 24 HOURS APART.
- BACKFILL FOR WATER MAINS SHALL BE GRAVEL BASE IN ALL TRAFFIC AREAS, COMPACTED TO 95% OPTIMUM DENSITY. BEDDING AND BACKFILL FOR ALL WATER PIPE SHALL BE PER WSDOT 7-09.3(9), 7-09.3(10), AND 7-09.3(11).
- ALL PIPE SHALL HAVE A MINIMUM COVER OF 3.5- FEET FROM THE CROWN OF THE PIPE TO THE FINISHED SURFACE GRADE.
- ALL VALVES SHALL BE EITHER GATE OR BUTTERFLY TYPE VALVES AND SHALL HAVE SLIP TYPE CAST IRON VALVE BOXES. SHORT BODY VALVES SHALL BE SUITABLE FOR A NON-SHOCK SHUT-OFF PRESSURE OF 130 PSI. ALL VALVES SHALL BE RESILIENT SEAT VALVES AND SUITABLE FOR DIRECT BURIAL. VALVES SHALL BE IRON BODY FULL BRONZE MOUNTED, AND SUITABLE FOR INSTALLATION WITH THE TYPE AND CLASS OF PIPE USED. ALL VALVES SHALL HAVE NON-RISING STEMS, SHALL OPEN COUNTERCLOCKWISE, AND SHALL BE EQUIPPED WITH A 2-INCH SQUARE OPERATING NUT. VALVES WILL HAVE EITHER FLANGED OR MECHANICAL-JOINT ENDS.
- CONNECTION TO EXISTING WATER MAINS: THE CONTRACTOR MUST NOTIFY THE FERNDAL PUBLIC WORKS DEPARTMENT OF A PROPOSED CONNECTION TIME AT LEAST FOUR WORKING DAYS IN ADVANCE. ALL CONNECTIONS SHALL BE MADE BY THE CONTRACTOR IN THE PRESENCE OF A REPRESENTATIVE OF THE FERNDAL PUBLIC WORKS DEPARTMENT.
- SEWER NOTES:
 - SEWER PIPE SHALL BE IN ACCORDANCE WITH WSDOT 9-05.12. BEDDING AND BACKFILL FOR SEWER PIPE SHALL BE IN ACCORDANCE WITH CITY OF FERNDAL SS-15.
 - CONNECTIONS TO EXISTING SEWER SHALL BE PERFORMED IN THE PRESENCE OF A REPRESENTATIVE OF THE CITY OF FERNDAL.
 - SANITARY SEWER SERVICES SHALL BE PVC PIPE CONFORMING TO ASTM D3034 SDR 35 AND IN IN ACCORDANCE WITH CITY OF FERNDAL STANDARD PLAN SS-6. BEDDING AND BACK FILL SHALL BE AS SHOWN IN THE STANDARD DETAILS. ALL SIDE SEWERS SHALL BE INSTALLED AT A MINIMUM 2.0% SLOPE.



VICINITY MAP

SCALE: 1"=800'

LEGEND

APPLIES TO ALL PLAN SHEETS

	EXISTING	PROPOSED
LOT LINE	---	---
RIGHT-OF-WAY LINE	---	---
UNDERGROUND POWER	---P---	---P---
UNDERGROUND TV	---TV---	---TV---
FIBER OPTICS	---FO---	---FO---
UNDERGROUND PHONE	---T---	---T---
OVERHEAD POWER	---OP---	---OP---
OVERHEAD PHONE	---OT---	---OT---
GAS MAIN	---G---	---G---
WATER MAIN	---W---	---W 12" D.I.W. WATER---
SANITARY SEWER MAIN	---S---	---S 8" SAN SEWER---
STORM DRAIN	---D---	---D 8" SD---
DITCH LINE	--->---	--->---
EDGE OF PAVEMENT	---	---
CURB AND GUTTER	---	---
FENCE	---X---	---X---
TREES	★ ○	★ ○
MAILBOX	□	□
STORM CATCH BASIN	TYPE 1 TYPE 2	TYPE 1 TYPE 2
UTILITY POLE	○	○
STREET/TRAFFIC SIGN	+	+
SAN. SEWER MANHOLE	○	●
SAN. SEWER CLEAN-OUT	○	●
WATER SERVICE METER	⊞	⊞
FIRE HYDRANT	⊙	⊙
POWER UTILITY VAULT	⊞	⊞
TELEPHONE RISER	⊞	⊞

ABBREVIATIONS

C.L.	CENTERLINE
P.C.	POINT OF CURVATURE
P.T.	POINT OF TANGENCY
F.L.	FLOW LINE
F.F.	FINISHED FLOOR
EL./ELEV.	ELEVATION
P.L.	PROPERTY LINE
CONC.	CONCRETE
GALV.	GALVANIZED
D.I.	DUCTILE IRON
C.U.	COPPER
PVC	POLY VINYL CHLORIDE PIPE
CMP	CORRUGATED METAL PIPE
P.E.	POLYETHYLENE
I.E.	INVERT ELEVATION
SSCO	SANITARY SEWER CLEANOUT
SSMH	SANITARY SEWER MANHOLE
SDCB	STORM DRAIN CATCH BASIN
SDMH	STORM DRAIN MANHOLE
RT.	RIGHT
LT.	LEFT
R.	RADIUS
L	ARC LENGTH
LF	LINEAR FEET
CONC. S/W	CONCRETE SIDEWALK
N	NORTH
E	EAST
S	SOUTH
W	WEST
NE	NORTHEAST
SE	SOUTHEAST
SW	SOUTHWEST
NW	NORTHWEST
OWS	OIL/WATER SEPARATOR
EX./EXIST.	EXISTING
R.O.W.	RIGHT OF WAY
E.O.P.	EDGE OF PAVEMENT
F.C.	FACE OF CURB
T.C.	TOP OF CURB
T.B.C.	TOP BACK OF CURB
N.I.C.	NOT IN CONTRACT
TESC	TEMP. EROSION AND SEDIMENT CONTROL

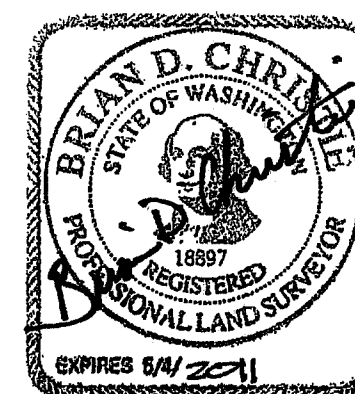
CIVIL SHEET INDEX

- | | |
|----|--------------------------------|
| C1 | CIVIL PLAN GENERAL NOTES |
| C2 | EXISTING SITE CONDITIONS |
| C3 | PROPOSED SITE PLAN |
| C4 | SITE PREPARATION AND TESC PLAN |
| C5 | WATER AND SEWER PLAN |
| C6 | GRADING AND PAVING PLAN |
| C7 | STORM DRAINAGE PLAN |
| C8 | DETAILS |
| C9 | DETAILS |
- CITY OF FERNDAL
PROJECT #2008-14
AS-BUILT

ENGINEER'S CERTIFICATION

I HEREBY CERTIFY THAT THE IMPROVEMENTS FOR PARTY STUFF HAVE BEEN INSPECTED BY THE CITY OF FERNDAL AND TO THE BEST OF MY KNOWLEDGE, HAVE BEEN CONSTRUCTED IN CONFORMANCE WITH THE CITY OF FERNDAL DEVELOPMENT STANDARDS, THE CITY OF FERNDAL MUNICIPAL CODE, SUBSEQUENT STANDARDS ADOPTED BY REFERENCE THEREIN, AND STANDARD ENGINEERING PRACTICE.

Douglas N. Campbell, P.E.
DOUGLAS N. CAMPBELL, P.E.
PRINCIPAL
DATE 1-5-10



SURVEYOR'S CERTIFICATION

I CERTIFY THAT ON June 22, 2009, A FIELD AS-BUILT SURVEY WAS PERFORMED AT 5715 BARRETT ROAD BY ME OR UNDER MY DIRECTION AND THAT DATA FROM THAT FIELD SURVEY, INCLUDING LOCATION SHOTS, INVERT MEASUREMENTS AND FIELD BOOK NOTES WERE SUPPLIED TO THE CIVIL ENGINEER OF RECORD FOR THEIR PREPARATION OF THESE AS-BUILT PLANS. SAID FIELD SURVEY WORK MEETS OR EXCEEDS THE MINIMUM SURVEY STANDARDS AS PER WAC 332.130.090.

David D. Christensen
DAVID D. CHRISTENSEN
SURVEYOR NAME & LICENSE NUMBER
DATE 1-06-2010
PLS 18897

APPROVED

MAR 2 2 2013
BY *gindga, P.E.*
CITY OF FERNDAL

CALL 2 DAYS
BEFORE YOU DIG
1-800-424-5555

REVISION:	DRAWN BY:	DATE:	CHECKED BY:	DATE:
1 AS-BUILT REVISIONS FOR RECORD DRAWINGS	ADT	07/01/09		
2				
3				
4				

1-5-10

DOUGLAS N. CAMPBELL, P.E.
REGISTERED PROFESSIONAL ENGINEER
LICENSE NO. 18897
EXPIRES 6/1/2011

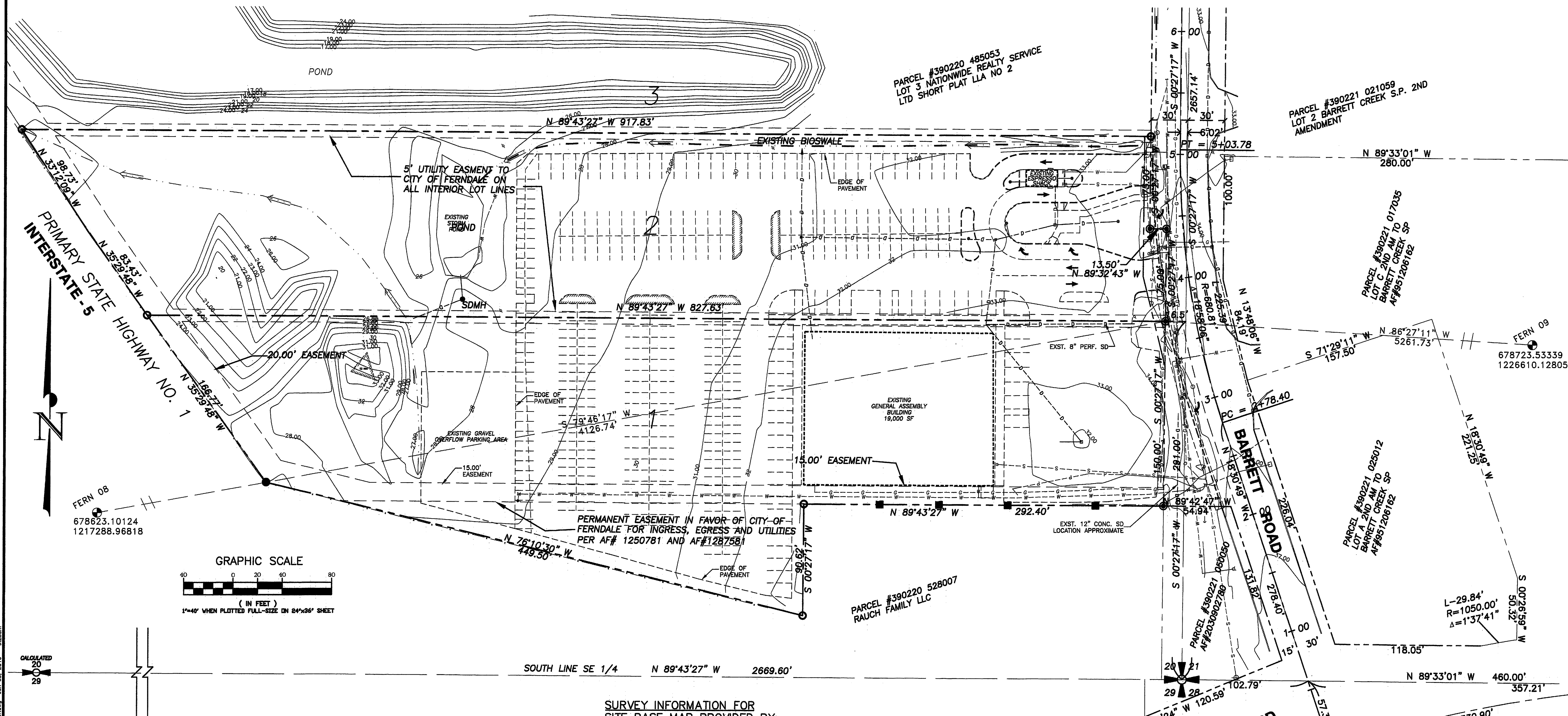
ASSOCIATED PROJECT CONSULTANTS, INC., P.S.
CIVIL ENGINEERS, PROJECT AND LAND USE MANAGEMENT,
BUILDING, STRUCTURAL, AND ENVIRONMENTAL SERVICES
1401 ASTOR STREET, BELLINGHAM, WA 98225
PHONE (360) 671-1146 FAX (360) 671-1169

A.P.C.
INCORPORATED

HORIZONTAL SCALE: NONE	VERTICAL SCALE: NONE	DRAWN BY: NGR	APPROVED BY: DATE 07/01/09
CIVIL CONSTRUCTION		PARTY STUFF - 5715 BARRETT ROAD, FERNDAL WA	
CLIENT: 08-115		SHEET: C1	
ACAD FILE: COVER		OF: 9	
COVER SHEET AND GENERAL NOTES			

EXISTING SITE CONDITIONS

A PORTION OF SE 1/4 OF THE SE 1/4 SEC. 20, TWP. 39N, R. 2E, W.M.
CITY OF FERDALE
WHATCOM COUNTY, WASHINGTON



LEGAL DESCRIPTION

LOTS 1 & 2 OF "LOT LINE ADJUSTMENT NUMBER TWO TO SHORT PLAT OF: NATIONWIDE REALTY SERVICE LTD. SHORT PLAT" AF# 1630710

BASIS OF BEARINGS

CENTERLINE OF BARRETT ROAD PER "LOT LINE ADJUSTMENT NATIONWIDE REALTY SERVICE, LTD. SHORT PLAT" AF# 1483009

ELEVATION DATUM

NGVD 29, BASED ON WSDOT MONUMENT "GP37005-32" AS ELEVATION BENCHMARK ON "FREEWAY OVER PASS"

NOTE: HORIZONTAL DATUM BASED ON CITY OF FERDALE MONUMENT SYSTEM, USING FERN 08, AND FERN 09, AS SHOWN.

METHOD OF SURVEY

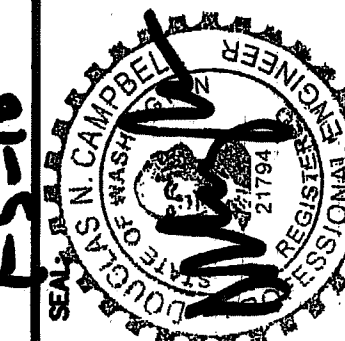
THIS SURVEY WAS COMPLETED AND ACCOMPLISHED BY FIELD TRAVERSE USING A NIKON DTM-501 TOTAL STATION IN SEPTEMBER AND OCTOBER OF 2007

SURVEY INFORMATION FOR SITE BASE MAP PROVIDED BY:

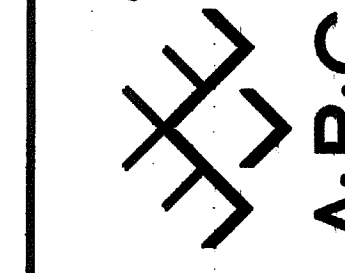
RONALD T. JEPSON AND ASSOCIATES
222 GRAND AVE., SUITE C
BELLINGHAM, WA 98225
(360) 733-5760

CONSTRUCTION SURVEY INFORMATION PROVIDED BY:

CHRISTIE AND CHRISTIE LAND SURVEYING
222 GRAND AVENUE, SUITE D
BELLINGHAM, WA 98225
(360) 671-8855



ASSOCIATED PROJECT CONSULTANTS, INC., P.S.
CIVIL ENGINEERS, PROJECT AND LAND USE MANAGEMENT,
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1401 ASTOR STREET, BELLINGHAM, WA 98225
PHONE (360) 671-1146 FAX (360) 671-1169



HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: NONE
DRAWN BY: NCR
DATE: 07/01/09
APPROVED BY: AS-BUILT
NORTH ROTATION: 0°
BASE POINT:

CREDO CONSTRUCTION
PARTY STUFF - 5715 BARRETT ROAD, FERDALE WA
EXISTING SITE CONDITIONS

CLIENT: 08-115
PROJECT: C2
SHEET: 9
OF:

APPROVED

MAR 22 2013
BY: [Signature]
CITY OF FERDALE

CALL 2 DAYS BEFORE YOU DIG
1-800-424-5555

CITY OF FERDALE
PROJECT #2008-14

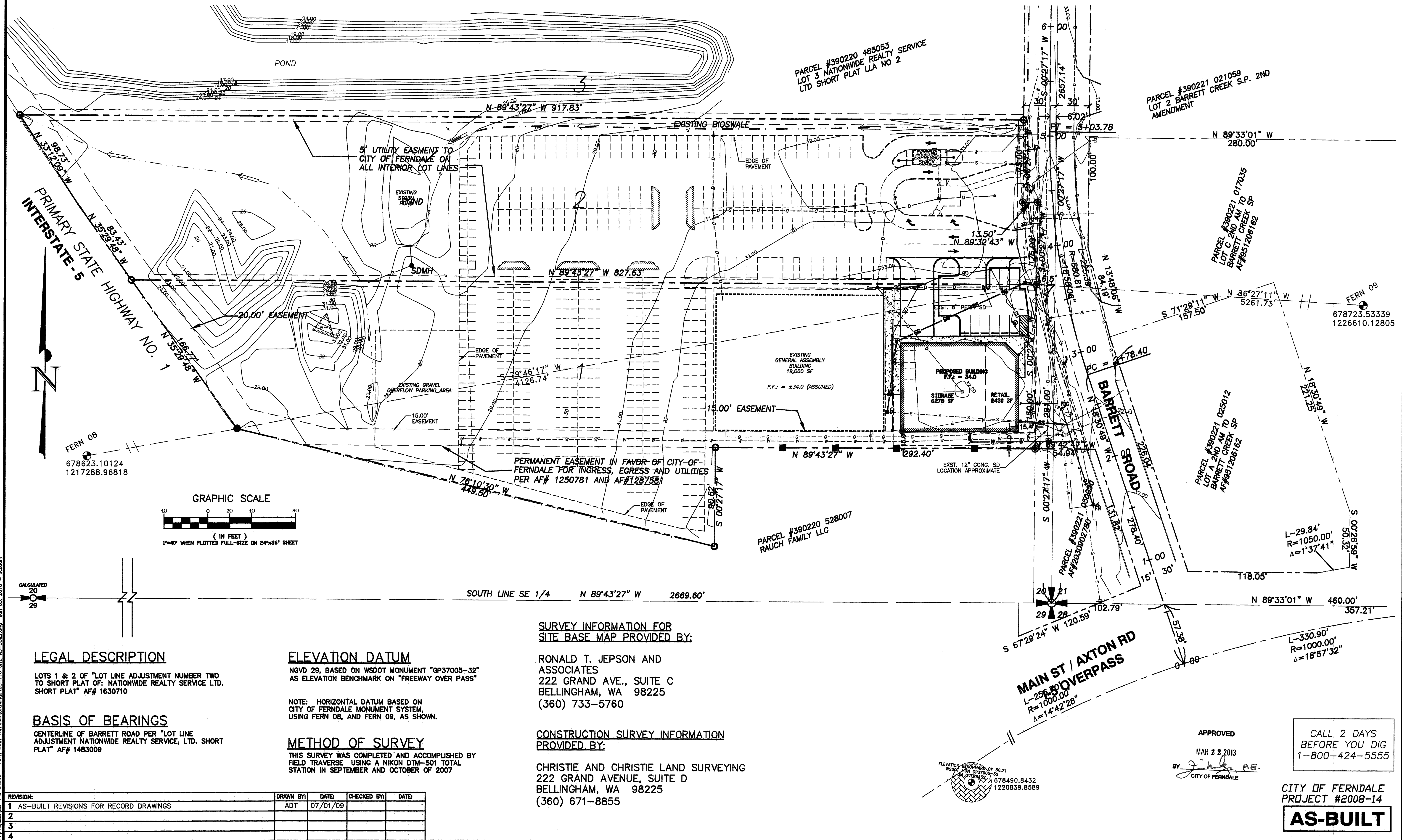
AS-BUILT

NOTES:

1. ALL FIRE PROTECTION EQUIPMENT AND FACILITIES, AND EMERGENCY SERVICE REQUIREMENTS, SHALL BE PROVIDED TO THE SATISFACTION OF THE FIRE DISTRICT.
2. ALL DRIVING, PARKING, AND VEHICLE LOADING AREAS SHALL BE PAVED WITH AN ALL-WEATHER DRIVING SURFACE (ASPHALT, CONCRETE, OR PAVERS) ACCEPTABLE TO THE PLANNING, BUILDING, AND PUBLIC WORKS DEPARTMENTS.
3. TRAFFIC MITIGATION FEES SHALL BE PAID AT THE TIME OF BUILDING PERMIT ISSUANCE.

PROPOSED SITE PLAN

A PORTION OF SE 1/4 OF THE SE 1/4 SEC. 20, TWP. 39N, R. 2E, W.M.
CITY OF FERDALE
WHATCOM COUNTY, WASHINGTON



LEGAL DESCRIPTION

LOTS 1 & 2 OF "LOT LINE ADJUSTMENT NUMBER TWO TO SHORT PLAT OF: NATIONWIDE REALTY SERVICE LTD. SHORT PLAT" AF# 1630710

BASIS OF BEARINGS

CENTERLINE OF BARRETT ROAD PER "LOT LINE ADJUSTMENT NATIONWIDE REALTY SERVICE, LTD. SHORT PLAT" AF# 1483009

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METHOD OF SURVEY

THIS SURVEY WAS COMPLETED AND ACCOMPLISHED BY FIELD TRAVERSE USING A NIKON DTM-501 TOTAL STATION IN SEPTEMBER AND OCTOBER OF 2007

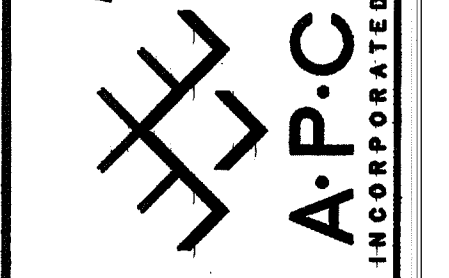
SURVEY INFORMATION FOR SITE BASE MAP PROVIDED BY:

RONALD T. JEPSON AND ASSOCIATES
222 GRAND AVE., SUITE C
BELLINGHAM, WA 98225
(360) 733-5760

CONSTRUCTION SURVEY INFORMATION PROVIDED BY:

CHRISTIE AND CHRISTIE LAND SURVEYING
222 GRAND AVENUE, SUITE D
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HORIZONTAL SCALE:	1" = 40'
VERTICAL SCALE:	NONE
DRAWN BY:	NGR
DATE:	07/01/09
APPROVED BY:	AS-Built
NORTH ROTATION:	& BASE POINT:

CLIENT:	CREDO CONSTRUCTION
PROJECT:	PARTY STUFF - 5715 BARRETT ROAD, FERDALE WA
SHEET:	C3
TITLE:	PROPOSED SITE PLAN

CAD NO.:	08-115
ACAD FILE:	SITE
SHEET:	C3
OF:	9

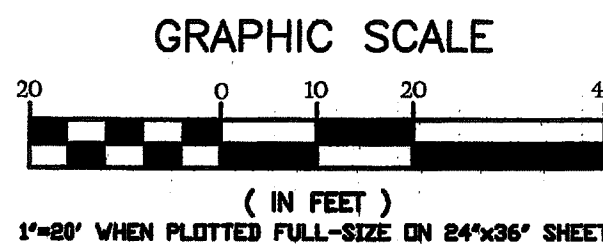
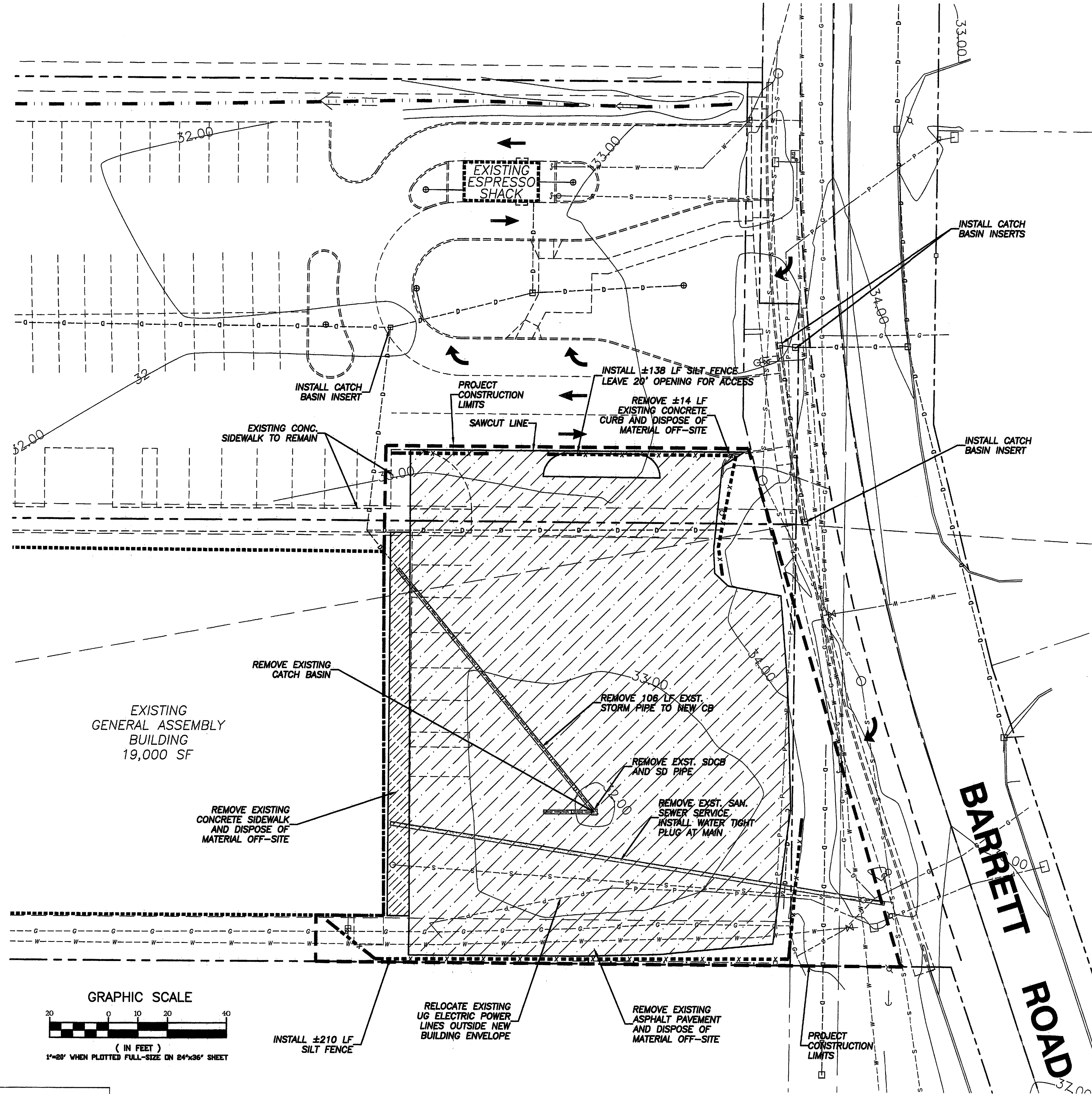
APPROVED
MAR 2 2 2013
BY: [Signature]
CITY OF FERDALE

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1-800-424-5555

CITY OF FERDALE
PROJECT #2008-14

AS-BUILT

PA Project 08-115 CREDO - Party Staff Ferndale Drawings 08-115 SITE PREP-AS-BUILT.dwg Jan. 08, 2010 - 9:29am



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REVISION:	DRAWN BY:	DATE:	CHECKED BY:	DATE:
1 AS-BUILT REVISIONS FOR RECORD DRAWINGS	ADT	07/01/09		
2				
3				
4				

EROSION CONTROL NOTES:

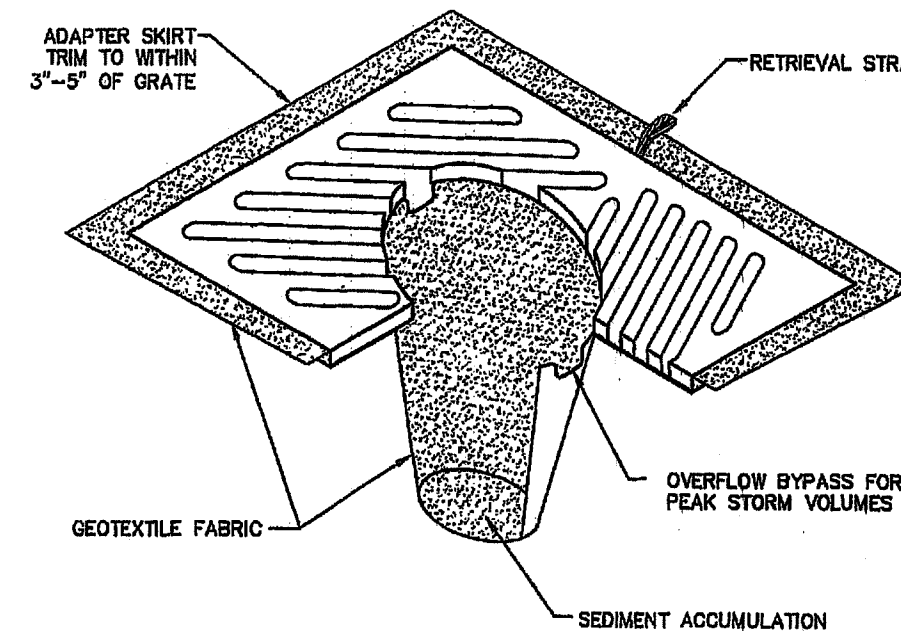
1. THE IMPLEMENTATION OF THE EROSION CONTROL PLAN AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF EROSION CONTROL FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED AND VEGETATION IS ESTABLISHED.
2. THE EROSION CONTROL FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL LAND DISTURBING ACTIVITIES, AND IN SUCH A MANNER AS TO INSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS. THE EROSION CONTROL FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE EROSION CONTROL FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT LEAVE THE SITE.
3. THE EROSION CONTROL FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING. THE EROSION CONTROL FACILITIES ON INACTIVE PORTIONS OF THE SITE SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE PER MONTH OR WITHIN 48 HOURS FOLLOWING A MAJOR STORM EVENT. IF AT ANY TIME IT IS DETERMINED THAT THE OBJECTIVES OF THE TEMPORARY EROSION AND SEDIMENTATION CONTROL PLAN ARE NOT BEING MET, ADDITIONAL DEPARTMENT OF ECOLOGY BEST MANAGEMENT PRACTICES MAY BE REQUIRED.
4. ALL EROSION CONTROL MEASURES AND FACILITIES ARE TO BE IN PLACE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
5. ALL DISTURBED AREAS OR EXPOSED SOILS SHALL BE COVERED WITH MULCH OR WOOD CHIPS IF SOILS ARE TO REMAIN UNWORKED FOR MORE THAN 2 DAYS, OCTOBER 1 THROUGH APRIL 30, OR 7 DAYS, MAY 1 THROUGH SEPTEMBER 30. UPON COMPLETION OF CONSTRUCTION, ALL DISTURBED AREAS AND CUT/FILL SLOPES ARE TO BE SEEDED WITH THE FOLLOWING EROSION CONTROL SEED MIXTURE:
75-80% TALL FESCUE
10-15% SEASIDE/COLONIAL BENTGRASS
5-10% REDTOP
CONTRACTOR SHALL BE RESPONSIBLE FOR VEGETATION UNTIL IT IS FULLY ESTABLISHED, AS APPROVED BY THE ENGINEER.
6. ANY TEMPORARY DITCHES OR DIVERSIONS OF WATER SHALL BE ROUTED THROUGH STILLING POOLS AND PROVIDED WITH PEA GRAVEL OR STRAW BALE CHECK DAMS AT A MAXIMUM SPACING OF 50' O.C.
7. EXISTING CATCH BASINS ACCEPTING RUNOFF FROM THE SITE AND DRAINAGE INLETS PLACED INTO SERVICE PRIOR TO FULL SITE STABILIZATION SHALL BE PROTECTED WITH CATCH BASIN INSERTS (SEE DETAIL).
8. ALL SAWCUTTING AND SURFACING SHALL BE PERFORMED IN ACCORDANCE WITH DEPARTMENT OF ECOLOGY BMP C152. SLURRY AND CUTTINGS SHALL BE VACUUMED DURING SAWCUTTING OPERATIONS, SHALL NOT REMAIN ON PERMANENT PAVEMENT OVERNIGHT, SHALL NOT DRAIN TO ANY NATURAL OR CONSTRUCTED DRAINAGE CONVEYANCE, AND SHALL BE DISPOSED OF IN A MANNER THAT DOES NOT VIOLATE GROUNDWATER OR SURFACE WATER QUALITY STANDARDS.

ADDITIONAL EROSION CONTROL BMP'S FOR SPECIFIC AREAS MAY BE SHOWN IN THE CONSTRUCTION PLANS, OR MAY BE REQUIRED TO ADAPT TO CHANGING SITE CONDITIONS THROUGHOUT THE PROJECT.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT THE SWPPP AND APPLY NECESSARY BMP'S TO PREVENT EROSION AND DISCHARGE OF POLLUTED RUNOFF FROM THE SITE.

APPROVED

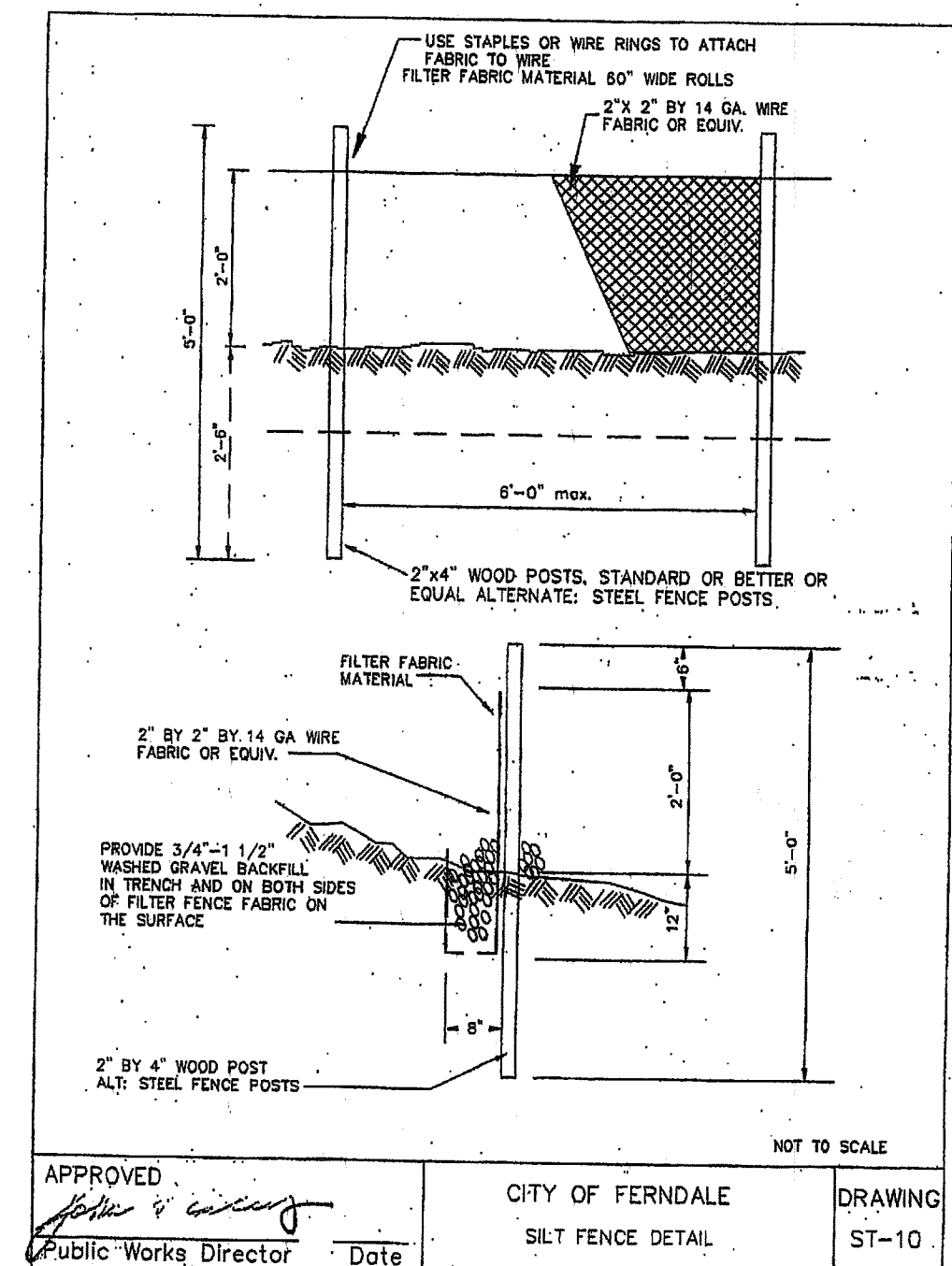
MAR 22 2013
BY *[Signature]* P.E.
CITY OF FERNDALE



NOTES:

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.

CATCH BASIN INSERT

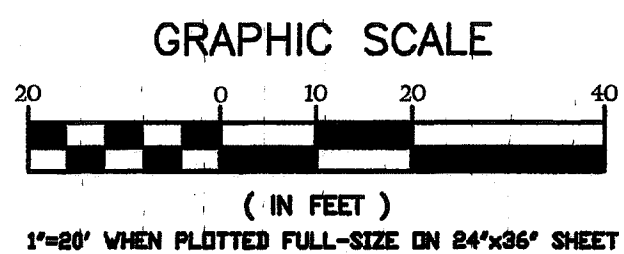


NOTE: EROSION CONTROL BMP'S SHOWN ON THIS PLAN ARE TEMPORARY CONSTRUCTION EROSION MANAGEMENT FEATURES AND MAY BE OR HAVE BEEN MODIFIED DURING CONSTRUCTION OR REMOVED FROM STABILIZED AREAS FOLLOWING CONSTRUCTION PER THE STORMWATER POLLUTION PREVENTION PLAN.

CITY OF FERNDALE
PROJECT #2008-14

AS-BUILT

JOB NO: 08-115		ACAD FILE: SITE PREP		SHEET: C4		OF: 9	
CLIENT: CREDO CONSTRUCTION		PROJECT: PARTY STUFF - BARRETT ROAD, FERNDALE WA		TITLE: SITE PREPARATION AND EROSION CONTROL PLAN			
DRAWN BY: NCR		DATE: 07/01/09		APPROVED BY: AS-BUILT		NORTH ARROW: & BASE POINT:	
HORIZONTAL SCALE: 1"=20'		VERTICAL SCALE: NONE		DRAWN BY: NCR		DATE: 07/01/09	
APPROVED BY: [Signature]		DATE: 07/01/09		APPROVED BY: [Signature]		DATE: 07/01/09	
CITY OF FERNDALE		SILT FENCE DETAIL		DRAWING: ST-10			
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1-5-10						EXPIRES 10/19/11	
						54	



2:\Projects\08-115 CREDO - Party Stuff Ferndale\Drawings\08-115 UTILITIES-AS-BUILT.dwg Jan 05, 2010 - 9:43am

1. THE LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR, SEE GENERAL NOTES ON SHEET 1 OF THIS PLAN SET.
2. THE CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED POTABLE AND FIRE WATER SERVICES AS TO LOCATION, DEPTH, SIZE, TYPE, AND CONSISTENCY WITH THE ARCHITECTURAL AND MECHANICAL PLANS AND THE APPROVED SPRINKLER SYSTEM DESIGN.
3. SEE FIRE SUPPRESSION SYSTEM DESIGN, BY OTHERS, FOR ALL SIZING AND DETAILS OF THE FIRE SPRINKLER SYSTEM AND PIPING, INCLUDING SIZE, TYPE, FITTINGS, AND LOCATION.

CITY INSPECTIONS ARE REQUIRED TO VERIFY INSTALLATION METHODS AND RECORDING THRUST BLOCKS PRIOR TO BACKFILL. PRESSURE AND BACTERIOLOGICAL TESTING REQUIRED PER CITY OF FERNDALE STANDARDS. SEPERATION IS REQUIRED BETWEEN THE PROPOSED FIRELINE AND AND CITY'S WATER MAIN UNTIL PRESSURE TEST AND BACTERIOLOGICAL ANALYSIS IS SATISFACTORY. CONTRACTOR SHALL MAKE FINAL CONNECTION WITH CITY INSPECTOR PRESENT, INSPECTIONS SHALL BE SCHEDULED 24-HOURS IN ADVANCE.


4. THE CONTRACTOR SHALL VERIFY THE PROPOSED SEWER SERVICE CONNECTION AS TO LOCATION, DEPTH, SIZE, TYPE, AND CONSISTENCY WITH THE ARCHITECTURAL, STRUCTURAL, AND MECHANICAL PLANS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING PROVISION AND INSTALLATION OF ALL REQUIRED PRIVATE UTILITY SERVICES, INCLUDING ELECTRIC POWER, NATURAL GAS, AND PHONE/COMMUNICATIONS.
6. THE CONTRACTOR SHALL ADJUST ALL EXISTING AND PROPOSED UTILITY VAULTS AND MANHOLE LIDS TO THE APPROPRIATE FINISHED GRADE ELEVATION. ALL SUCH ADJUSTMENTS AND ANY REPAIRS SHALL BE CONSIDERED INCIDENTAL TO THE SCOPE OF WORK.
7. APPROVED BACKFLOW PREVENTION DEVICE REQUIRED FOR FIRE SPRINKLER SYSTEM, TO BE LOCATED WITHIN BUILDING. SEE FIRE SUPPRESSION SYSTEM DESIGN, BY OTHERS, FOR SIZING AND DETAILS. CITY INSPECTIONS ARE REQUIRED TO VERIFY INSTALLATION METHODS AND RECORDING THRUST BLOCKS PRIOR TO BACKFILL. PRESSURE AND BACTERIOLOGICAL TESTING REQUIRED PER CITY OF FERNDALE STANDARDS. SEPERATION IS REQUIRED BETWEEN THE PROPOSED FIRELINE AND CITY'S WATER MAIN UNTIL PRESSURE TEST AND BACTERIOLOGICAL ANALYSIS IS SATISFACTORY. CONTRACTOR SHALL MAKE FINAL CONNECTION WITH CITY INSPECTOR PRESENT, INSPECTIONS SHALL BE SCHEDULED 24-HOURS IN ADVANCE.

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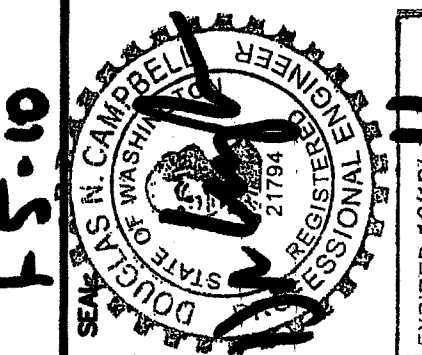
CITY OF FERNDALE
PROJECT #2008-14
AS-BUILT

MAR 22 2013

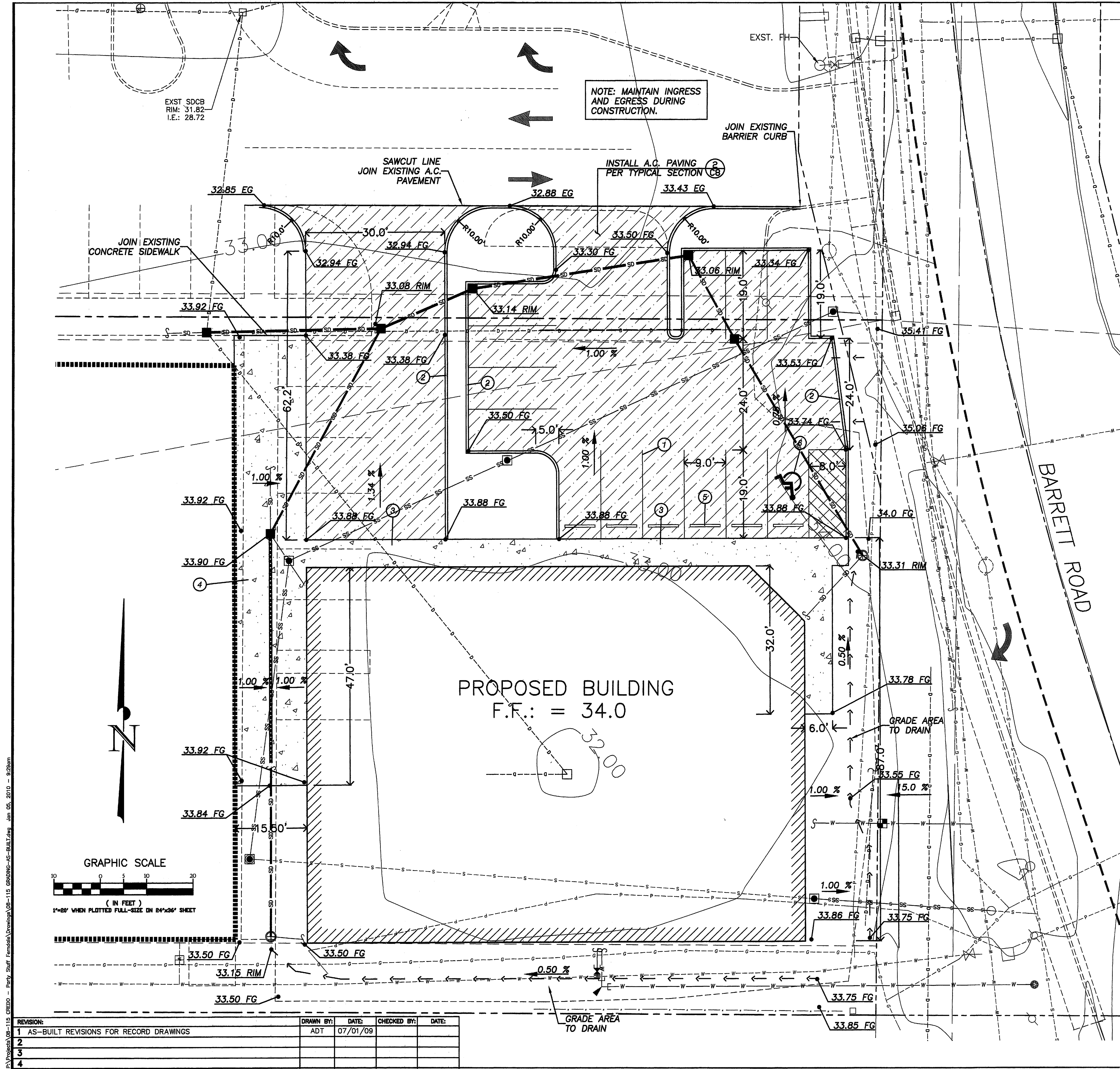
BY J. M. [Signature] P.E.
CITY OF FERRDALE



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- GRADING PLAN NOTES**
1. THE CONDITION OF THE NATIVE SUBGRADE AND ALL FILL MATERIALS FROM CURRENT OR PRIOR CONSTRUCTION SHALL BE FIELD VERIFIED BY THE PROJECT GEOTECHNICAL ENGINEER AND CERTIFIED TO MEET THE MINIMUM CONDITIONS SPECIFIED IN THE GEOTECHNICAL REPORT, AND MEET THE CITY OF FERNDALE STANDARDS FOR STRUCTURAL FILL FOR BUILDING SITES.
 2. ALL STRUCTURAL FILL MATERIALS WITHIN THE PAVING SECTION SHALL BE TESTED FOR COMPACTION AND MATERIAL PROPERTIES BY THE GEOTECHNICAL ENGINEER. THE GEOTECHNICAL ENGINEER SHALL INSPECT AND APPROVE THE SUBGRADE PRIOR TO PAVING.
 3. THE LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR, SEE GENERAL NOTES ON SHEET 1 OF THIS PLAN SET.
 4. EXISTING UTILITIES ARE SHOWN BASED ON UTILITY COMPANY PAINTED LOCATION MARKS AND CITY RECORD DRAWINGS, AND MAY NOT REPRESENT ALL UNDERGROUND OR ABOVE-GROUND UTILITIES OR SITE FEATURES. ALL EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
 5. TOPOGRAPHIC SURVEY AND PROPERTY BOUNDARY LINES PREPARED FROM SURVEY DATA FURNISHED BY JEPSON AND ASSOCIATES, AND BY CHRISTIE AND CHRISTIE LAND SURVEYING.
 6. FINISHED GRADE CONTOURS SHOWN ARE APPROXIMATE ONLY. ALL RETAINING STRUCTURES ARE PRELIMINARY, AND ARE DESIGNED BY OTHERS.
 7. MAXIMUM ALLOWABLE SLOPE SHALL BE 2H:1V, TYP. HYDROSEED ALL DISTURBED AREAS OUTSIDE AREA OF PAVING/BUILDING ENVELOPE, EXCEPT WHERE OTHERWISE SPECIFIED IN THE APPROVED LANDSCAPING PLANS. FOR ALL SLOPES STEEPER THAN 3H:1V COVER WITH NORTH AMERICAN GREEN SC-150 EROSION CONTROL BLANKET AND HYDROSEED.
 8. ALL PROPOSED FINISHED GRADES SHALL BE FIELD VERIFIED BY THE CONTRACTOR. NOTIFY ENGINEER OF ANY DISCREPANCIES ENCOUNTERED PRIOR TO OR DURING CONSTRUCTION.

32.88 EG = EXISTING GROUND SPOT ELEVATION
31.00 FG = FINISHED GRADE SPOT ELEVATION

- CONSTRUCTION NOTE KEY:**
- ① PARKING STALL STRIPING, 4" WHITE PAINT STRIPE, TYP.
 - ② INSTALL CONCRETE BARRIER CURB, SEE DETAILS ③ CB
 - ③ INSTALL 6" CONCRETE SIDEWALK FLUSH WITH A.C. PAVING, SEE DETAILS.
 - ④ INSTALL 4" CONCRETE SIDEWALK PER ① CB
 - ⑤ INSTALL WHEEL STOP, TYPICAL FOR ALL PARKING SPACES NOT ADJACENT TO CURB.
 - ⑥ ADA ACCESSIBLE PARKING, DIMENSIONS, LOCATION, SIGNAGE, AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH ARCHITECTURAL PLANS.

APPROVED
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CITY OF FERNDALE
PROJECT #2008-14

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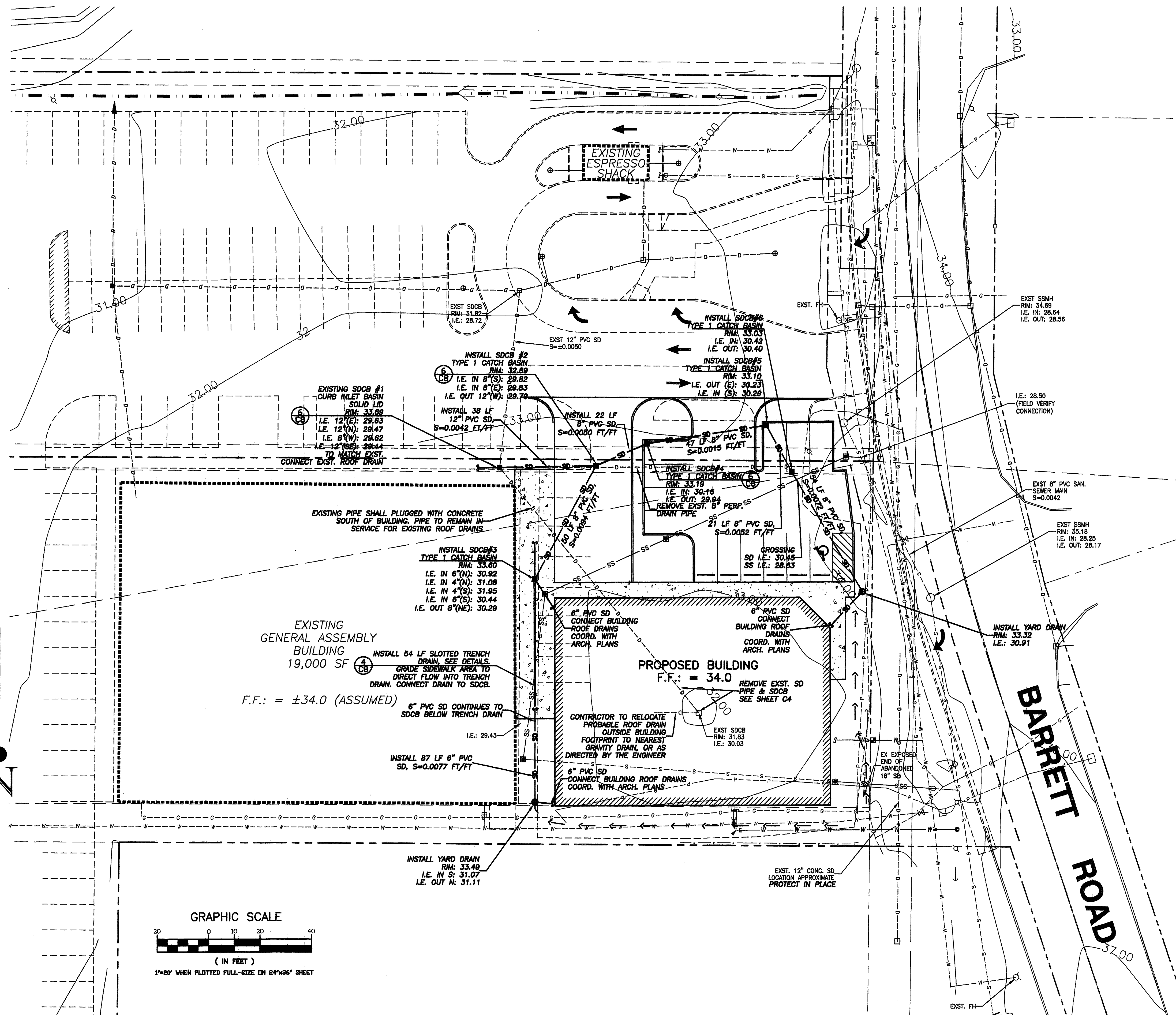
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INCORPORATED

HORIZONTAL SCALE: 1" = 10'	VERTICAL SCALE: NONE	DRAWN BY: NGR	DATE: 07/01/09	APPROVED BY: AS-BUILT	NORTH ROTATION: & BASE POINT:
CREDO CONSTRUCTION					
PARTY STUFF - 5715 BARRETT ROAD, FERNDALE WA					
GRADING AND PAVING PLAN					
JOB NO.: 08-115	ACAD FILE: GRADING	SHEET: C6	OF: 9		

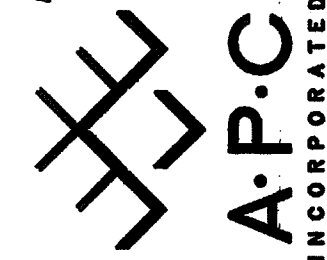
AS-BUILT NOTE: FINISHED PAVING GRADES NOT AS-BUILT BY SURVEY, SHOWN AS PROPOSED.



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STORM DRAIN PLAN NOTES

1-5-10



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CREDO CONSTRUCTION

PROJECT: PARTY STUFF - 5715 BARRETT ROAD, FERNDALE WA

STORM DRAINAGE PLAN

JOB NO.: 08-115 ACAD FILE: DRAINAGE	CLIENT:
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SHEET: C7

9	TITLE:
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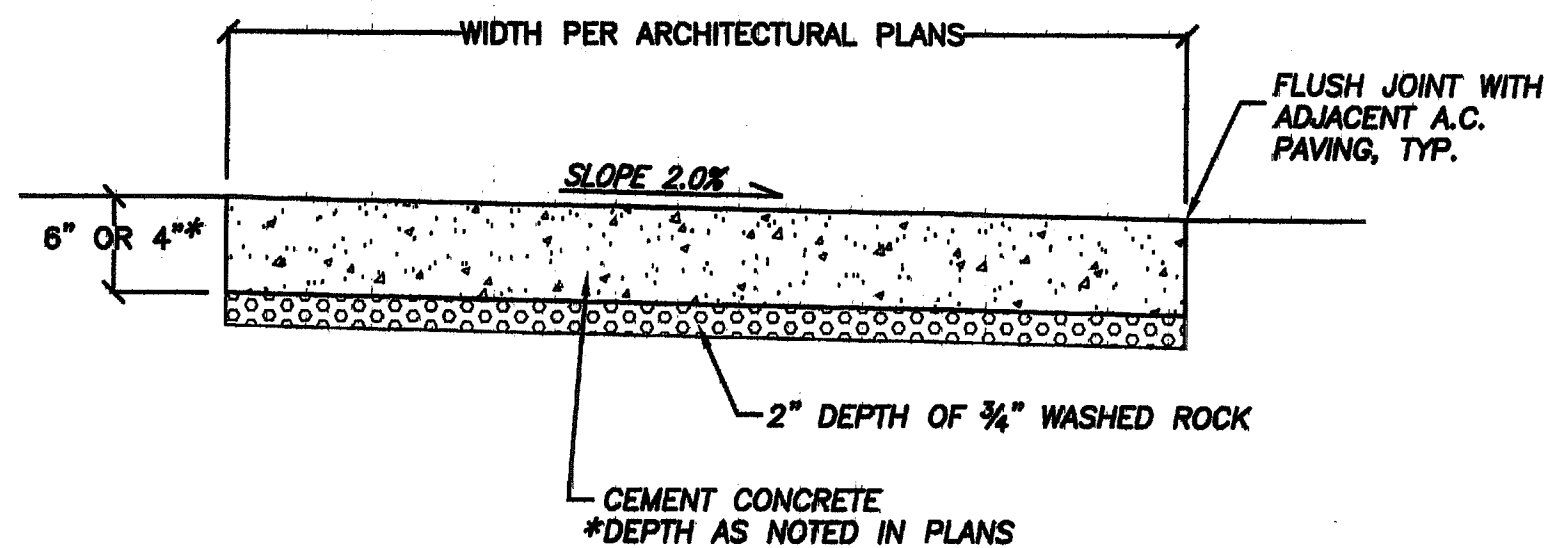
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PROJECT #2008-14

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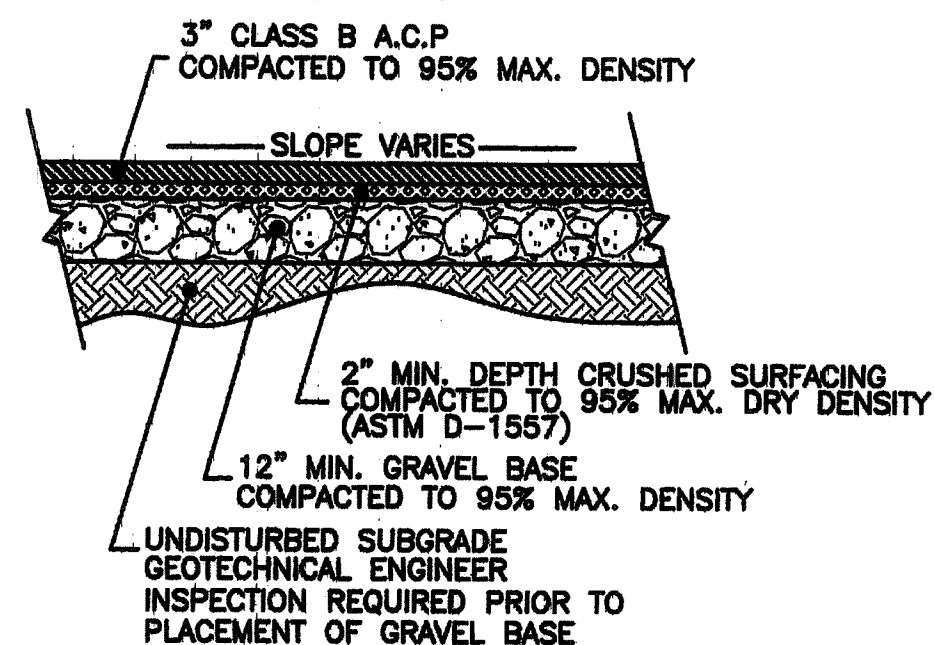
AS-BUILT NOTES:
1. PAVING SUBGRADE AND SECTIONS NOT AS-BUILT.
2. UNDERGROUND UTILITIES AND SUBSURFACE
FEATURES NOT AS-BUILT EXCEPT AS NOTED BELOW.
3. AS-BUILT LOCATION AND ELEVATIONS OF
STORMWATER STRUCTURES, WATER SERVICES, SEWER
SERVICE CLEAN OUTS AND SITE FEATURES PROVIDED
BY:

CHRISTIE & CHRISTIE LAND SURVEYING, INC.
222 GRAND AVE., SUITE D
BELLINGHAM, WA 98225
360-671-8855

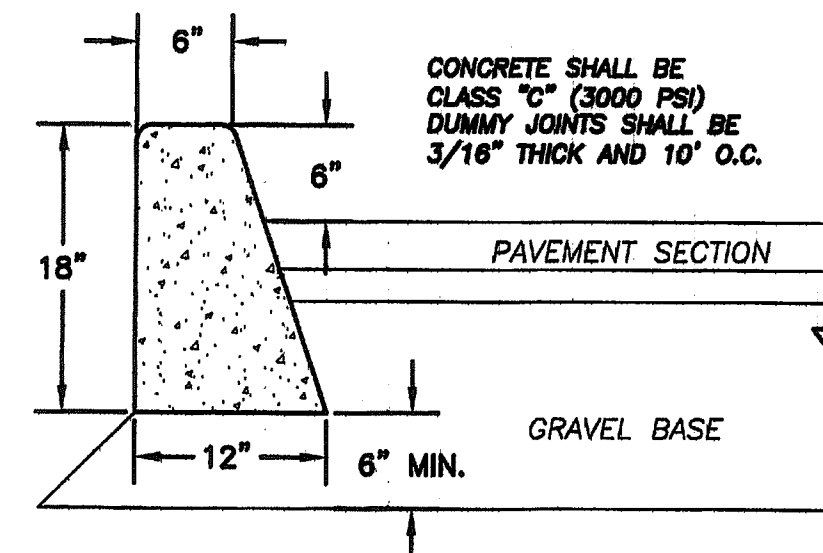
- NOTES:
1. FORMS SHALL BE WOOD AND SHALL EXTEND THE FULL DEPTH OF CONCRETE.
 2. SIDEWALKS SHALL BE BROOM FINISHED.
 3. FIBERBOARD EXPANSION JOINTS SHALL BE SPACED AT 15' O.C.
 4. CEMENT CONCRETE SHALL HAVE A MINIMUM 3000 PSI 28-DAY STRENGTH.



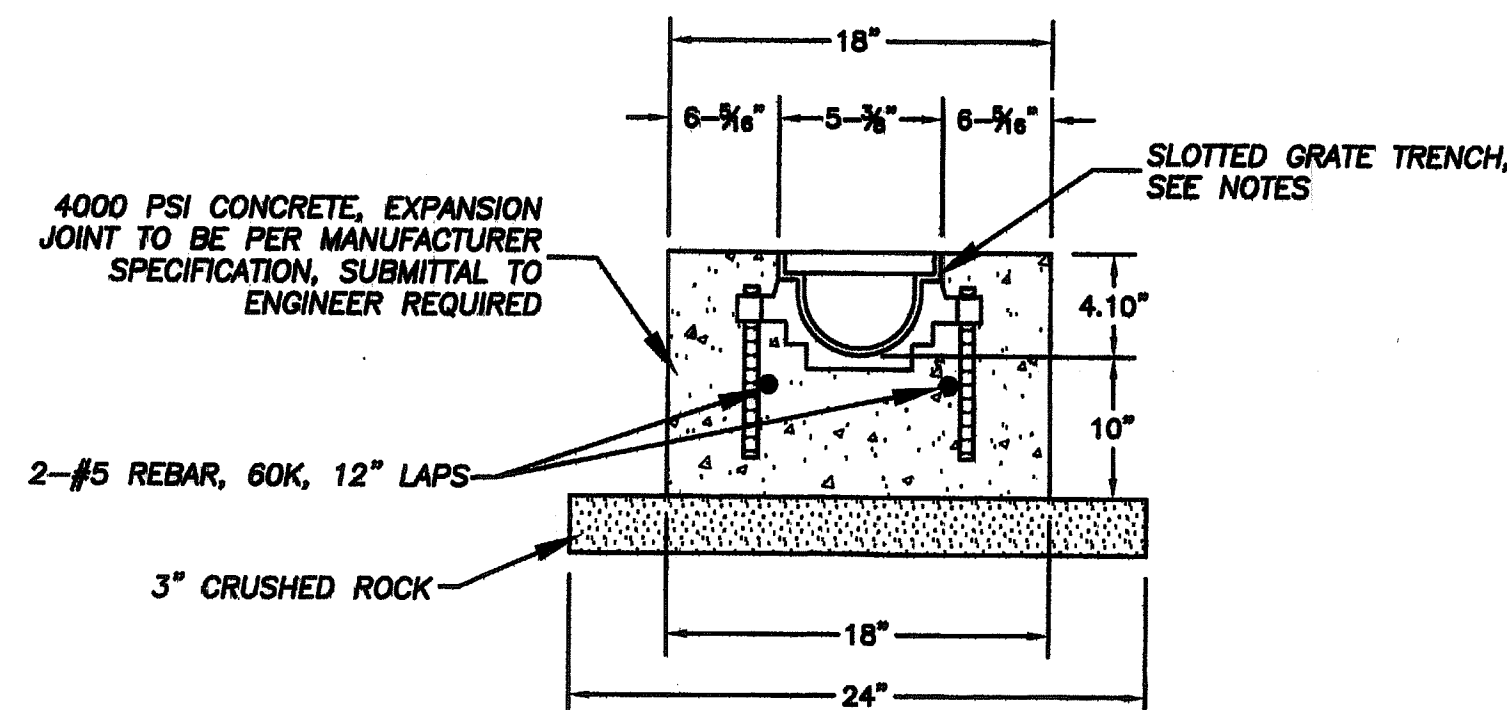
1 CEMENT CONCRETE SIDEWALK
NOT TO SCALE



2 TYPICAL PAVING SECTION
NOT TO SCALE



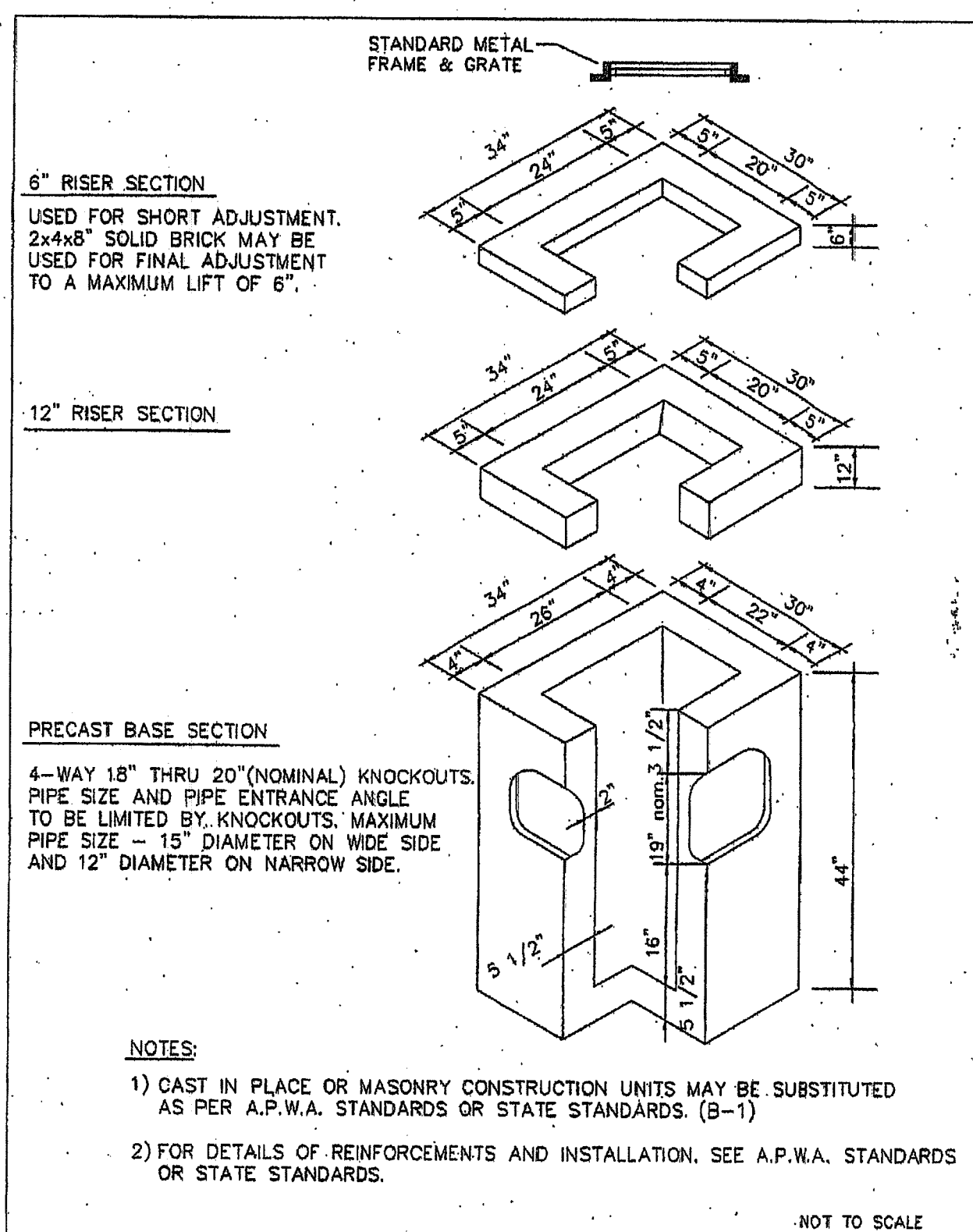
3 BARRIER CURB
NOT TO SCALE



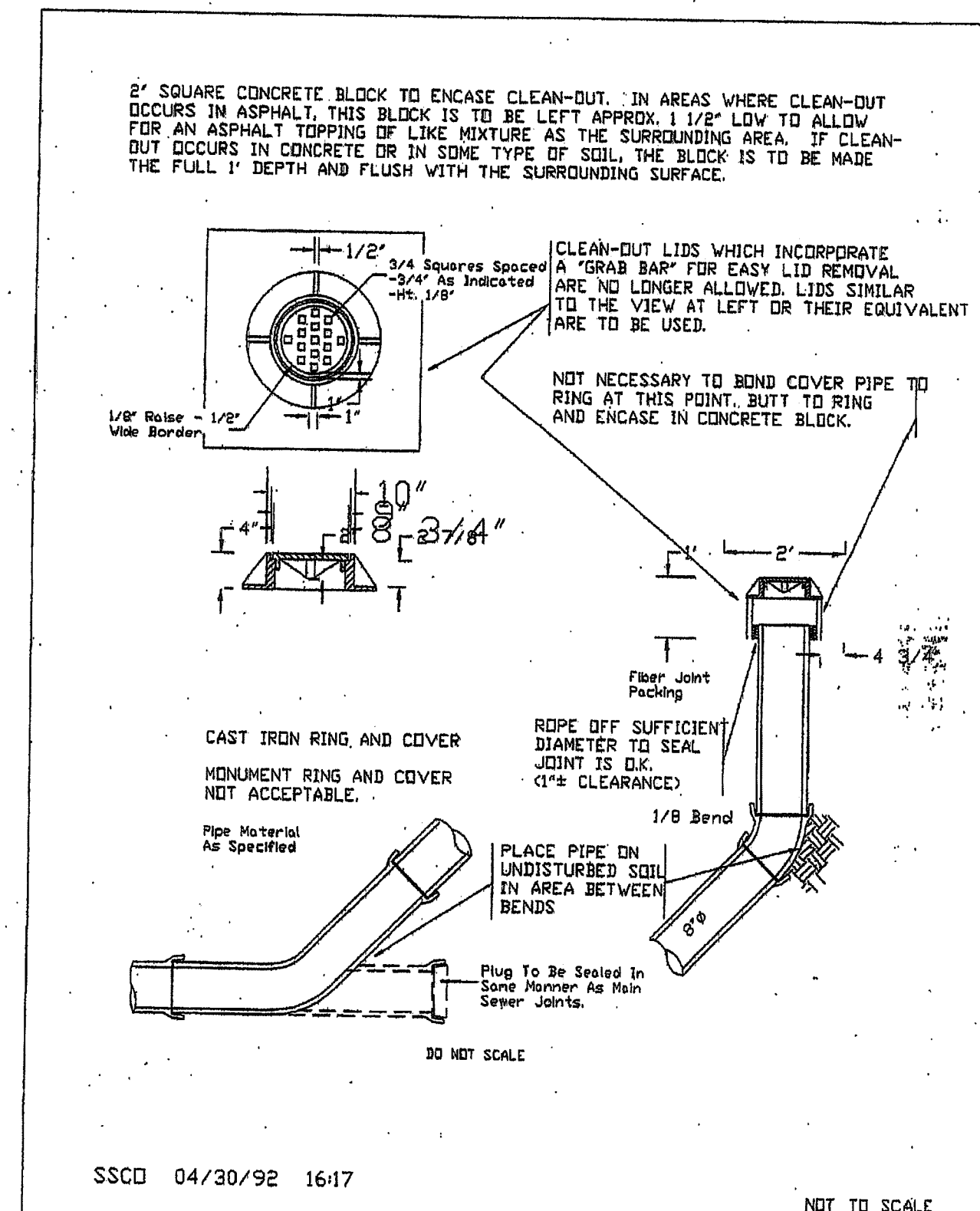
4 TRENCH DRAIN
NOT TO SCALE

NOTES

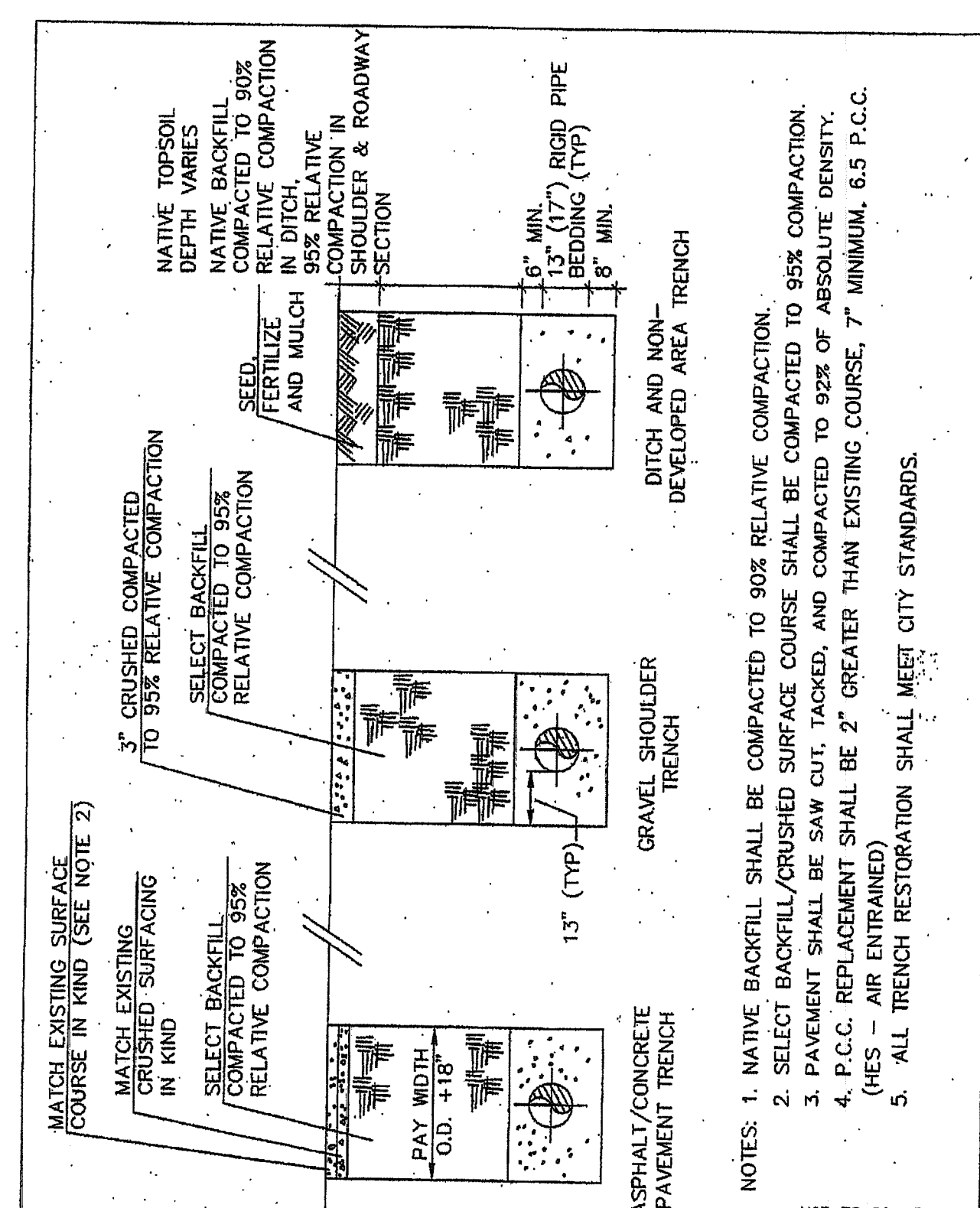
1. TRENCH DRAIN SHALL BE ZURN Z886-HPD, WITH TRENCH NO. 8603N, 5.3" INVERT, HPD D.I. HEELPROOF GRATE, CLASS E, H-20 RATED, WITH 6"x20" CATCH BASIN AND 6" END OUTLET. SUBMITTAL TO ENGINEER REQUIRED.
2. CONTRACTOR SHALL PROVIDE TRENCH DRAIN SYSTEM INSTALLED COMPLETE PER THE MANUFACTURER'S RECOMMENDATIONS WITH ALL REQUIRED FITTINGS AND APPURTENANCES.



6 TYPE 1 CATCH BASIN
NOT TO SCALE



7 SAN. SEWER CLEAN OUT
NOT TO SCALE



8 SEWER TRENCH DETAIL
NOT TO SCALE

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1-5-10

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VERTICAL SCALE
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DATE
06/01/09

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& BASE POINT

CLIENT:
CITY OF FERDALE

PROJECT:
PARTY STUFF - 5715 BARRETT ROAD, FERDALE WA

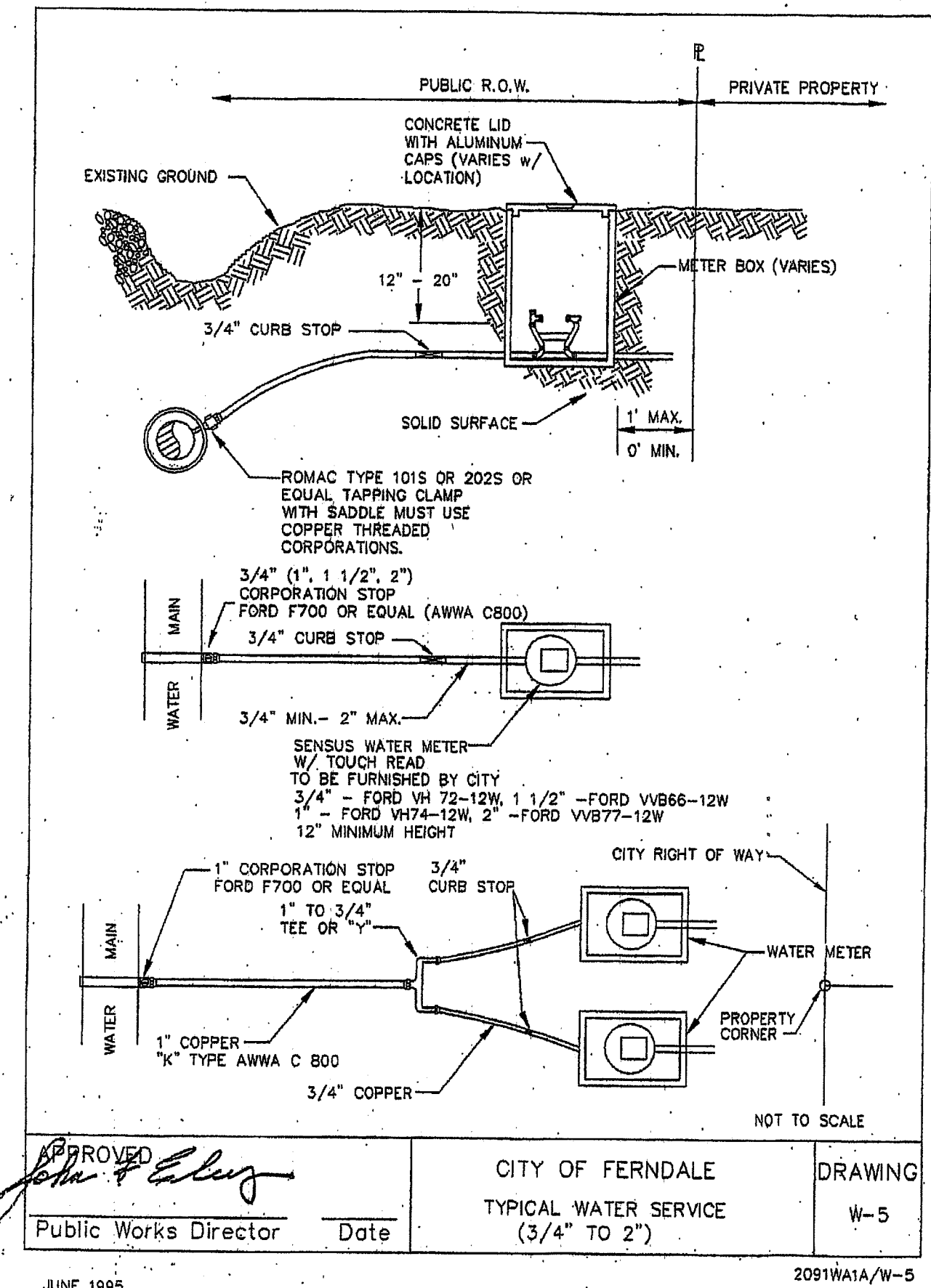
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08-115
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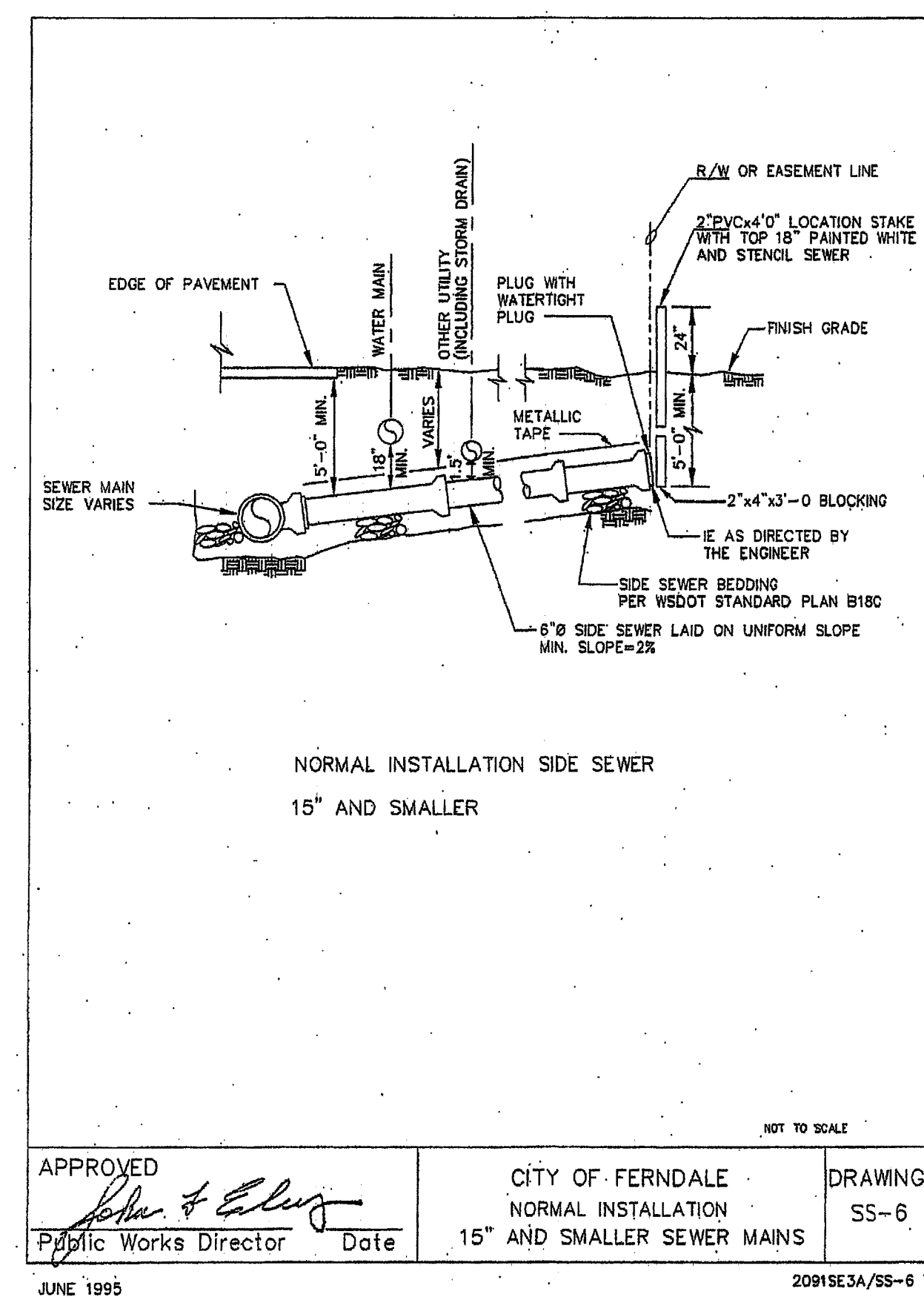
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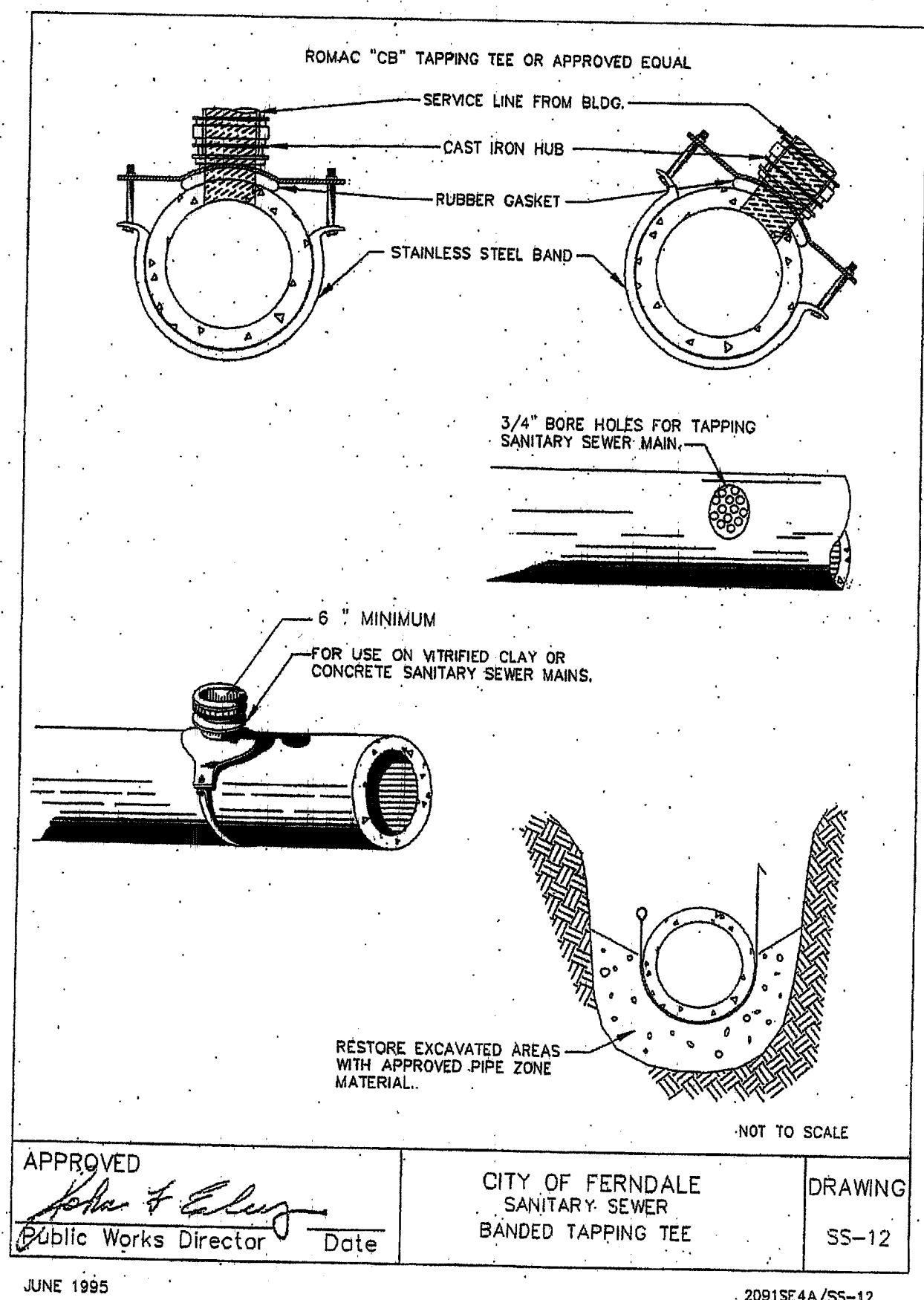
1
C9

WATER SERVICE
NOT TO SCALE



5
C9

SANITARY SEWER SERVICE TAP
NOT TO SCALE



6
C9

SEWER TAPPING TEE

Project: 08-115 CRED - Party Stuff Ferndale Drawings: 08-115 DETAILS-AS-BUILT.dwg Jan 05, 2010 - 9:46am

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PROJECT #2008-14

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CRED CONSTRUCTION

PROJECT:
PARTY STUFF - 5715 BARRETT ROAD, FERNDAL WA

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08-115

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DETAILS

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OF:
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