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PACIFIC SURVEY & ENGINEERING INC
1812 CORNWALL, BELLINGHAM, WA 98225 PHONE: 671.7387 FAX: 671.4685

~ FERNDALE STATION ~

SITUATE IN A PORTION OF THE SW 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 39 NORTH,
RANGE 2 EAST, W.M., CITY OF FERNDALE, WHATCOM COUNTY, WASHINGTON

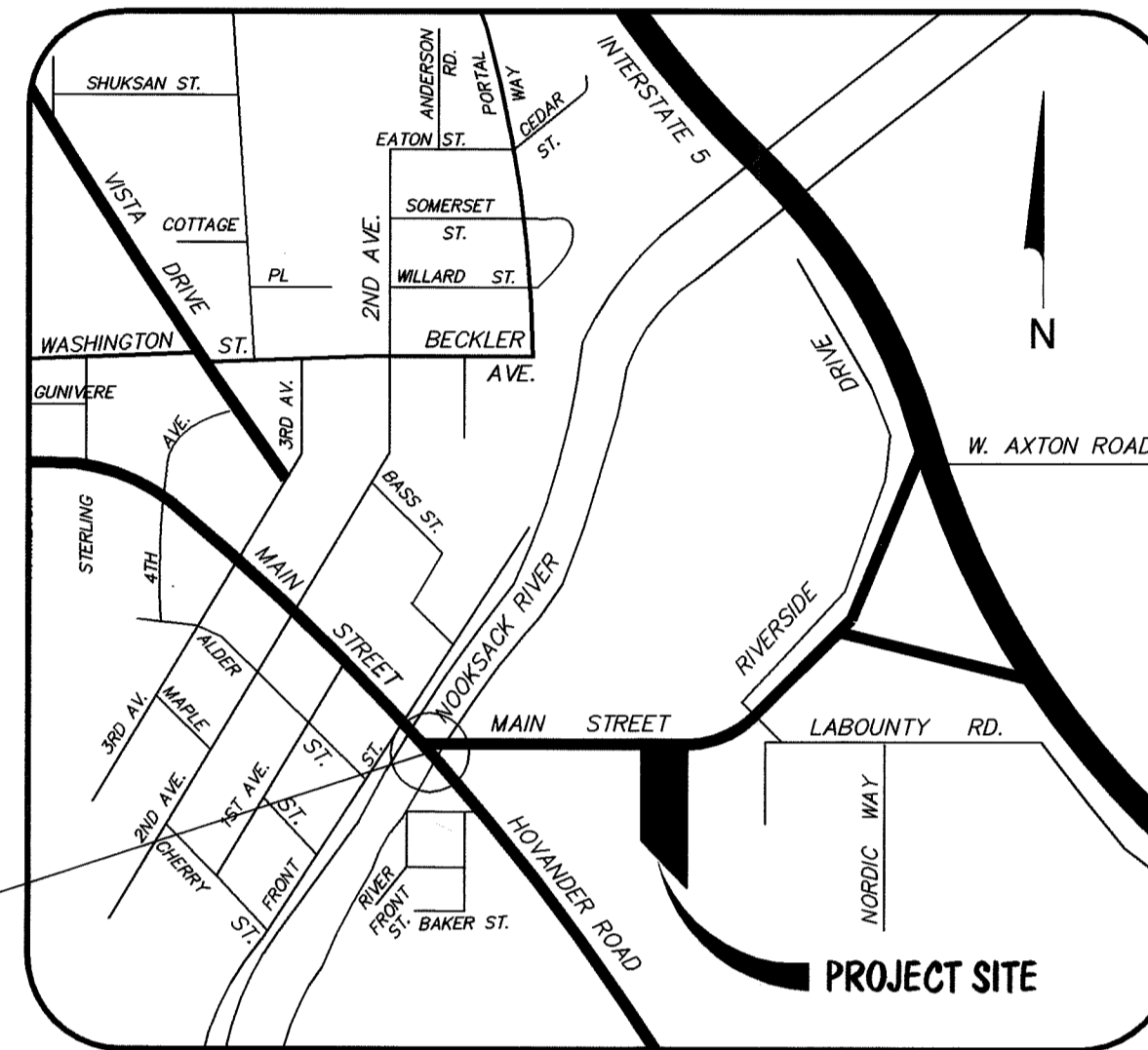
1851 MAIN STREET, FERNDALE, WASHINGTON

DVLP 2008-03

SURVEY NOTES:

- 1) DATA FOR THIS SURVEY WAS GATHERED BY FIELD TRAVERSE UTILIZING ELECTRONIC DATA COLLECTION IN OCTOBER OF 2007.
- 2) EQUIPMENT USED: THEOMAT 00'01.5" EDM: ± 2 PPM, ± 3 MM
- 3) HORIZONTAL DATUM: LOCAL (PROJECT)
BASIS OF BEARINGS: THE MONUMENTED EAST LINE OF THE NORTHEAST QUARTER OF SECTION 29, TOWNSHIP 39 NORTH, RANGE 2 EAST, W.M., BEARING N 00°00'17" W, NOT SHOWN HEREON (PER R.O.S. AF#2070404435, AF#2060503774, AF#1980803433, AND AF#900228128).
ROTATION & TRANSFORMATION NOTE:
TO GET TO NAD 83/91 DATUM (CITY OF FERNDALE) ROTATE BEARINGS COUNTERCLOCKWISE 01°48'21". COORDINATE TRANSFORMATION AS FOLLOWS:
NAD 83/91 WA NORTH ZONE MONUMENT #1421
STATE PLANE GRID COORDINATES: N 678489.486 E 1220837.417
STATE PLANE GROUND COORDINATES: N 678474.614 E 1220810.657
PROJECT COORDINATES: N 678457.938 E 1220824.801
- 4) VERTICAL DATUM: WSDOT (NAVD 88)
TBM ON SITE: SCRIBED "X" ON SOUTH BOLT OF LIGHT POLE LOCATED APPROXIMATELY 22 FEET EAST OF ASPHALT DRIVEWAY, AS SHOWN HEREON, ELEV. = 36.76'
CONVERSION TO CITY OF FERNDALE (NGVD 29) - SUBTRACT 4.08'
- 5) CONTOUR INTERVAL IS 1 FOOT AND IS COMPUTER GENERATED FROM GROUND FIELD TOPOGRAPHY GATHERED FOR THIS SURVEY UTILIZING ELECTRONIC DATA COLLECTION.
- 6) PACIFIC SURVEYING AND ENGINEERING, INC. ASSUMES NO LIABILITY FOR ANY SUBSURFACE CONDITIONS OR FEATURES THAT MAY EXIST THAT ARE UNDETECTABLE AND/OR NOT VISIBLE.
- 7) SUBSURFACE UTILITIES LOCATED BY APPLIED PROFESSIONAL SERVICES, INC. IN OCTOBER 2007; SURVEYED BY PACIFIC SURVEYING AND ENGINEERING.
- 8) THIS TOPOGRAPHIC MAP WAS COMPLETED WITHOUT BENEFIT OF A TITLE REPORT AND PACIFIC SURVEYING AND ENGINEERING SERVICES, INC. IS NOT RESPONSIBLE FOR ANY EASEMENTS, COVENANTS, AND RESTRICTIONS NOT SHOWN HEREON.
- 9) THIS IS NOT A BOUNDARY SURVEY. REFERENCE RECORD OF SURVEY AF#2060503774 FOR BOUNDARY AND SECTION SUBDIVISION INFORMATION.

SEE DETAIL ON SHEET C15 FOR OFFSITE STRIPING & SIGNAGE DETAILS

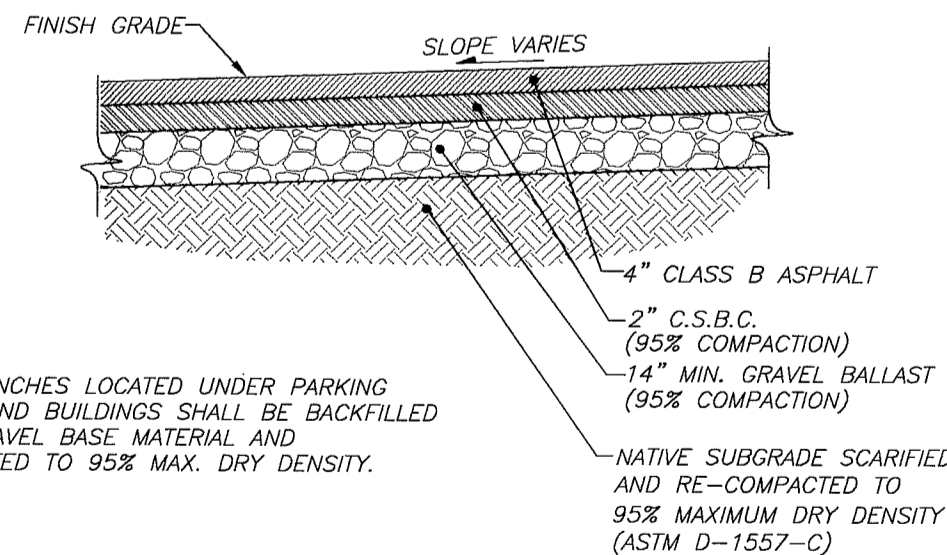


VICINITY MAP

NOT TO SCALE

- C1. COVER SHEET
- C2. EXISTING CONDITIONS
- C3. DEMOLITION PLAN
- C4. MAIN STREET IMPROVEMENT PLAN
- C5. STRIPING & SIGNAGE PLAN
- C6. GRADING PLAN
- C7. DRAINAGE PLAN
- C8. STORMWATER FACILITY PLAN
- C9. WATER IMPROVEMENT PLAN
- C10. SANITARY SEWER PLAN
- C11. SANITARY SEWER PROFILE
- C12. STORMWATER POLLUTION PREVENTION PLAN (S.W.P.P.P.)
- C13. S.W.P.P.P. NOTES & DETAILS
- C14. ROAD DETAILS
- C15. ROAD DETAILS
- C16. DRAINAGE DETAILS
- C17. WATER DETAILS
- C18. SANITARY SEWER & WATER DETAILS
- C19. GENERAL NOTES

IMPROVEMENTS PROPOSED WITHIN THIS PLAN SET THAT OCCUR OUTSIDE OF THE CITY OF FERNDALE RIGHT-OF-WAY AND SUBJECT PARCEL SHALL BE AGREED UPON BY EFFECTED PROPERTY OWNERS BY MEANS OF EASEMENTS AND / OR OTHER LEGAL AGREEMENTS.

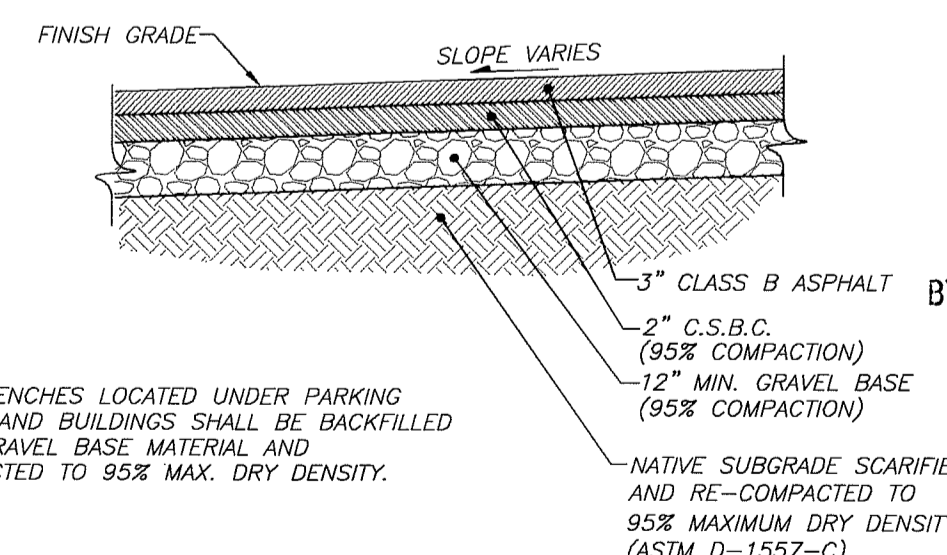


MAIN STREET PAVEMENT SECTION

NOT TO SCALE

GRAVEL BASE SPECIFICATION

SIEVE SIZE	PERCENT PASSING
4" SQUARE	100
1-1/2" SQUARE	70-100
1/2" SQUARE	35-80
U.S. NO. 4	15-50
U.S. NO. 40	20 MAX
U.S. NO. 200	5.0 MAX



TYPICAL ON-SITE PAVEMENT SECTION

NOT TO SCALE

LEGEND

- SET TEMPORARY BENCHMARK
- EXISTING STORM DRAIN CATCH BASIN MANHOLE
- EXISTING AREA DRAIN
- EXISTING CATCH BASIN
- EXISTING SANITARY SEWER MANHOLE
- EXISTING SANITARY SEWER SERVICE
- EXISTING GATE VALVE
- EXISTING WATER METER
- EXISTING FIRE HYDRANT
- EXISTING MAILBOX
- EXISTING STREET LIGHT POLE
- EXISTING ELECTRIC HANDHOLD
- EXISTING TELEPHONE PEDESTAL/RISER
- EXISTING COMMUNICATIONS PEDESTAL/RISER
- EXISTING GAS METER
- EXISTING UNKNOWN UTILITY SERVICE STUB
- EXISTING ELECTRIC METER/SWITCH
- EXISTING OAK TREE
- EXISTING BUSH
- DIAMETER OF EXISTING TREE
- SPOT ELEVATION ON EXISTING SURFACE
- EXISTING ROADWAY CENTERLINE
- EXISTING RIGHT OF WAY LINE
- EXISTING EDGE OF ASPHALT
- EXISTING EDGE OF CONCRETE
- EXISTING CONCRETE PAD
- EXISTING EDGE OF GRAVEL ROAD
- EXISTING CURB
- EXISTING SIDEWALK
- EXISTING STRIPE (1 YELLOW)
- EXISTING WHITE STRIPE
- EXISTING STORM CULVERT
- EXISTING STORM DRAIN LINE
- EXISTING SANITARY SEWER LINE
- EXISTING WATER LINE
- EXISTING UNDERGROUND POWER
- EXISTING UNDERGROUND TV CABLE LINE
- EXISTING UNDERGROUND COMMUNICATIONS LINE
- EXISTING UNDERGROUND FIBER OPTIC LINE
- EXISTING UNDERGROUND GAS LINE
- EXISTING TOP OF SLOPE LINE
- EXISTING TOE OF SLOPE LINE
- EXISTING FLOW LINE
- EXISTING EDGE OF TREES & BRUSH
- EXISTING EDGE OF LANDSCAPED AREA
- EXISTING CHAIN LINK FENCE
- EXISTING BARBED WIRE FENCE
- EXISTING WOOD FENCE

AS BUILT SURVEYOR'S CERTIFICATION
I certify that the locations, elevations, depths, and as-built comments reflecting materials actually used during construction accurately reflect existing field conditions as determined by me or under my direct supervision on these dates: December 2008 and April 2009.

ADAM S. MORROW, P.L.S.

APPROVED

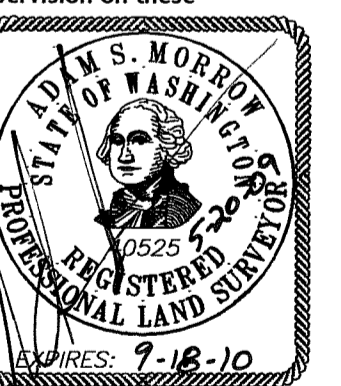
JUL 15 2009

BY *Jeffrey A. Vander Yacht*
CITY OF FERNDALE

AS BUILT ENGINEER'S CERTIFICATION
I hereby certify that the improvements in Ferndale Station have been inspected by Pacific Survey and Engineering, Inc., and to the best of knowledge, have been constructed in conformance with the City of Ferndale Development Standards, The City of Ferndale Municipal Code, subsequent standards adopted by reference therein, and standard engineering practice.

JEFFREY A. VANDER YACHT, P.E.

AS-BUILT NOTE: ONLY INFORMATION NOTED AS "AS-BUILT" HAS BEEN VERIFIED AND FIELD SURVEYED OR MEASURED DURING CONSTRUCTION.



FIELD BOOKS	TBM. NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	SCALE	REV	DATE	DESCRIPTION	BY	No.	DATE
DESIGN: 381	381-31-A	SEE SURVEY NOTE #4	36.76	BASE	SJN	AM/SL	HORIZ: 1"=20'	1	06.17.08	GRADING, SD, WA, SS, LOAD DOCK	DG	4	02.02.09
STAKING:				DESIGN			VERT: 1"=2"	2	06.23.08	ELIMINATE HYDRANT & 6" D.I.	DG	5	04.24.09
ASBUILT:				XREF:								6	05.11.09
				DWG # ENG_BASE_20x								7	05.20.09
SURVEY REFERENCE		VERTICAL DATUM		PLAN CHECK				REVISIONS		ISSUE			

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1-800-424-5555

KT DEVELOPMENT

510 LAKEWAY DRIVE
BELLINGHAM, WA 98225

COVER SHEET

AS-BUILT DRAWING

SITUATE IN A PORTION OF THE SW 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 39 NORTH,
RANGE 2 EAST, W.M., CITY OF FERNDALE, WHATCOM COUNTY, WASHINGTON

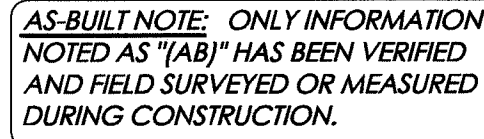
~ FERNDALE STATION ~

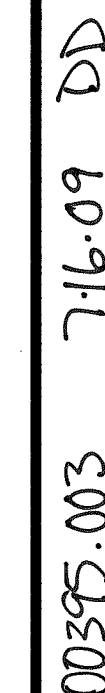
1851 MAIN STREET, FERNDALE, WASHINGTON

JOB #: 2007177

DVLP 2008-03

SHEET C1





SITUATE IN A PORTION OF THE SW 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 39 NORTH,
RANGE 2 EAST, W.M., CITY OF FERNDALE, WHATCOM COUNTY, WASHINGTON

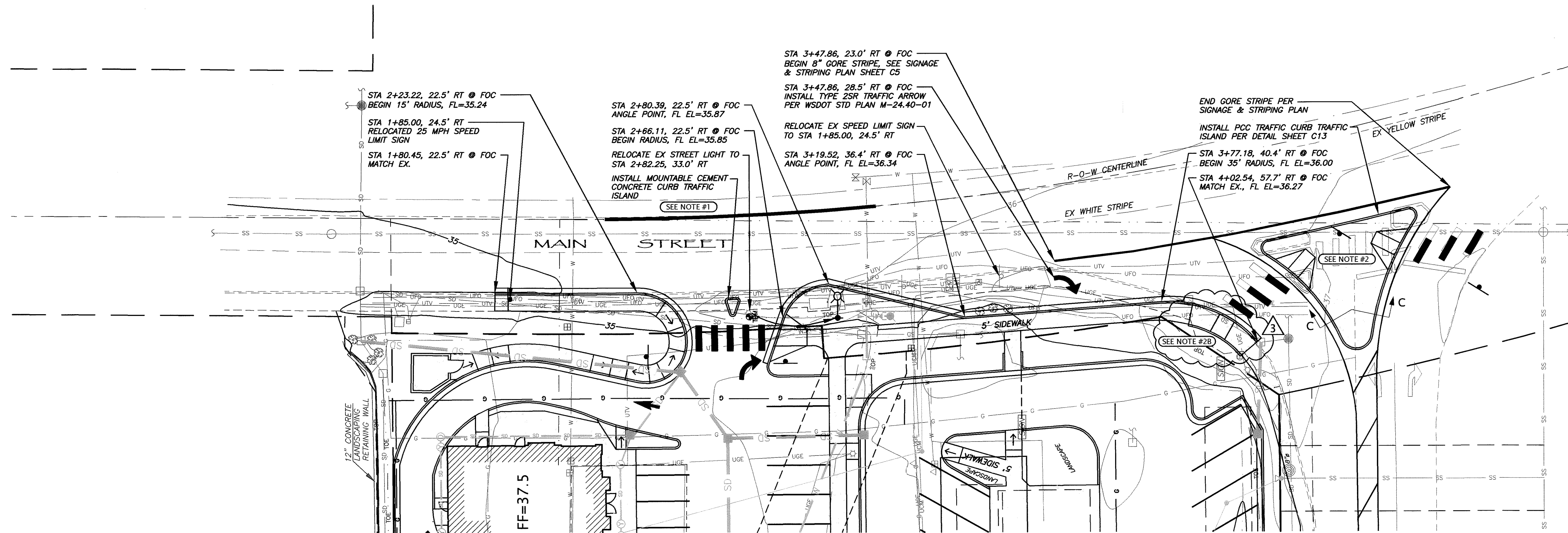
~ FERNDALE STATION ~

1851 MAIN STREET, FERNDALE, WASHINGTON



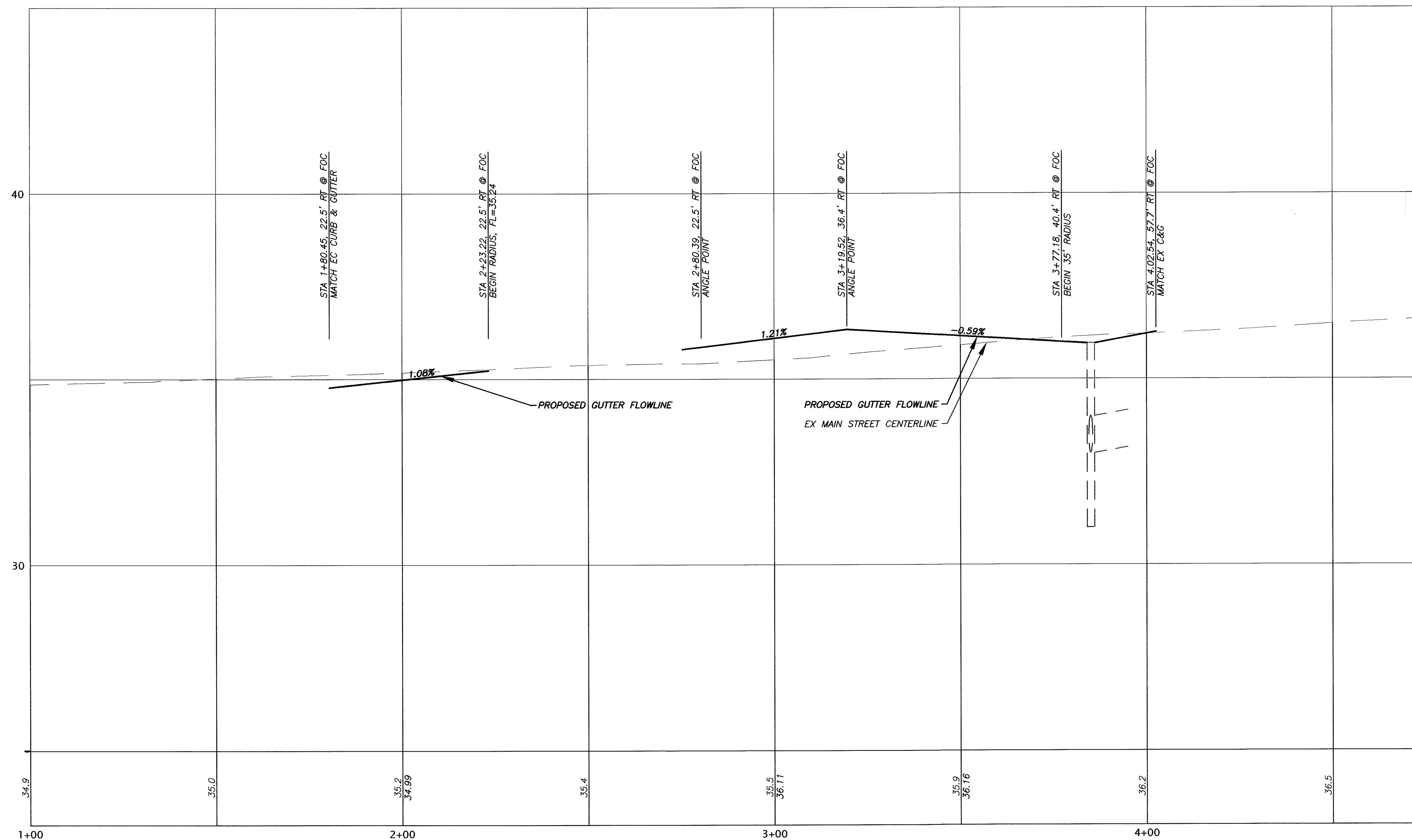
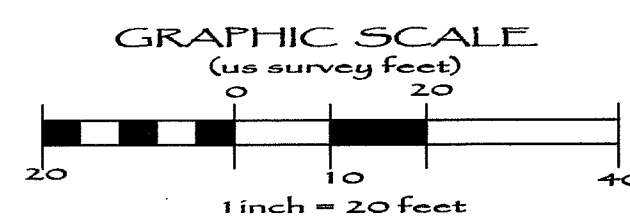
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MAIN STREET NOTES:

1. STA 2+13.74 @ CL TO STA 2+96.24 @ CL, INSTALL 82.5 LF PRECAST CONCRETE DUAL FACED SLOPED MOUNTABLE CURB PER WSDOT STD PLAN F-10.64-01. CURB SHALL INCLUDE 77.5 LF OF DUAL SLOPED BLOCKS AND 2.5 LF NOSING BLOCKS AT EACH END PER DETAIL.
2. INSTALL SIDEWALK RAMP, TYPE 1 WITH LAYOUTS PER WSDOT STD PLAN F-40.10-01
2B. INSTALL SIDEWALK RAMP, TYPE 2 WITH LAYOUT PER WSDOT STD PLAN F-40.12-00
3. CONTRACTOR TO COORDINATE WITH UTILITY COMPANIES FOR UTILITY ALTERATIONS INCLUDING RAISING / LOWERING, AND RELOCATING UTILITY STRUCTURES. ALL STRUCTURES LOCATED WITHIN THE CITY OF FERNDALE RIGHT-OF-WAY AND SUBJECT TO TRAFFIC LOADING SHALL HAVE TRAFFIC RATED LIDS.
4. ROADWAY RESTORATION SHALL BE PER CITY OF FERNDALE STANDARD DRAWING R-11. JOINTS WHERE EXISTING ASPHALT ABUTS PROPOSED SHALL BE LAP/CONFORM JOINTS WITH ROADWAY FABRIC CENTERED OVER JOINT. PAVEMENT GRINDING SHALL BE APPROXIMATELY 1.5 INCHES DEEP.
5. PRIOR TO INSTALLING ALL MOUNTABLE CURB, WASH EXISTING PAVEMENT WITH SODIUM METASILICATE PER SECTION 8-07.3(1) OF THE WSDOT STANDARD SPECIFICATIONS.



MAIN STREET PROFILE

SCALE: 1"=2' VERTICAL
1"=20' HORIZONTAL

APPROVED

JUL 15 2009

BY *[Signature]*
CITY OF FERNDALE

AS-BUILT NOTE: ONLY INFORMATION NOTED AS "AS-B" HAS BEEN VERIFIED AND FIELD SURVEYED OR MEASURED DURING CONSTRUCTION.

MAIN STREET IMPROVEMENTS (AS-BUILT DRAWING)

SITUATE IN A PORTION OF THE SW 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 39 NORTH, RANGE 2 EAST, W.M., CITY OF FERNDALE, WHATCOM COUNTY, WASHINGTON
~ FERNDALE STATION ~
1851 MAIN STREET, FERNDALE, WASHINGTON

JOB #: 2007177

DVLP 2008-03

SHEET C4

KT DEVELOPMENT

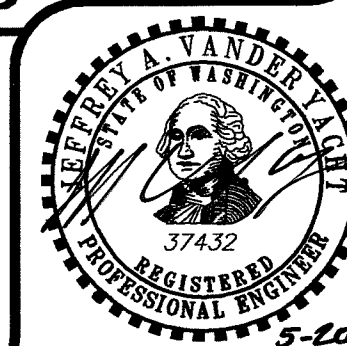
510 LAKEWAY DRIVE
BELLINGHAM, WA 98225

CALL BEFORE YOU DIG



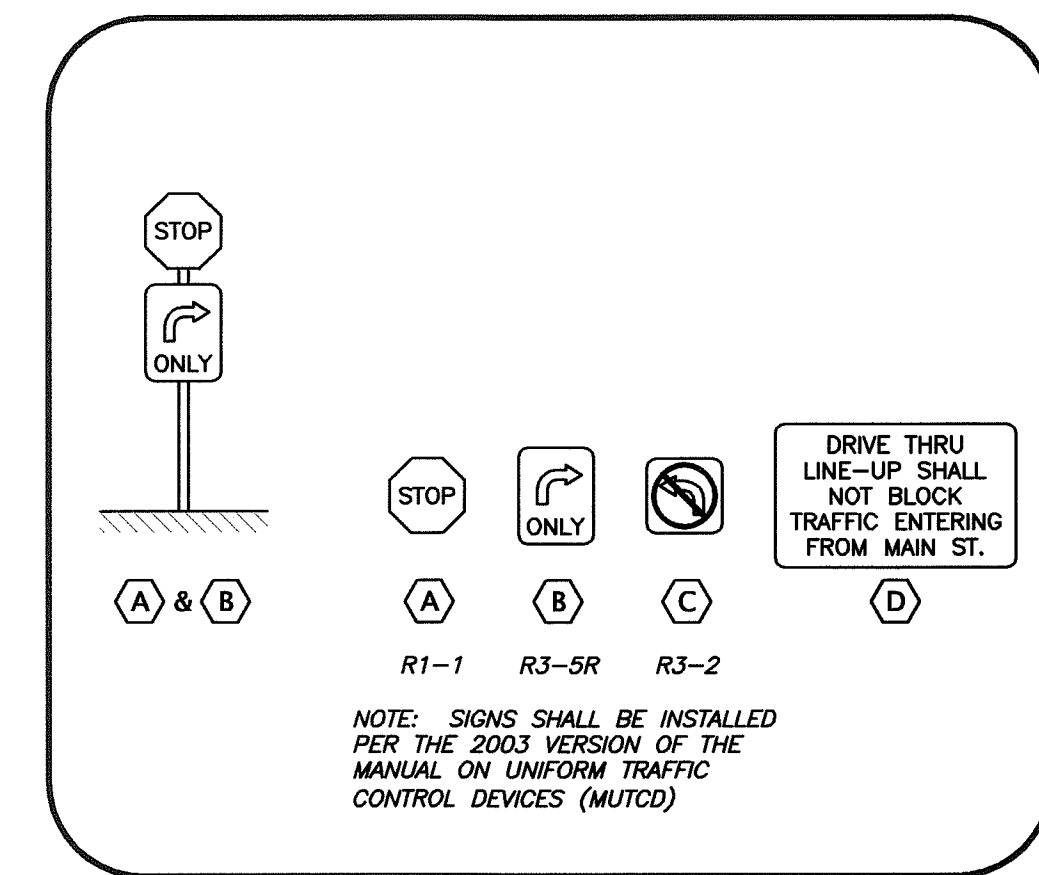
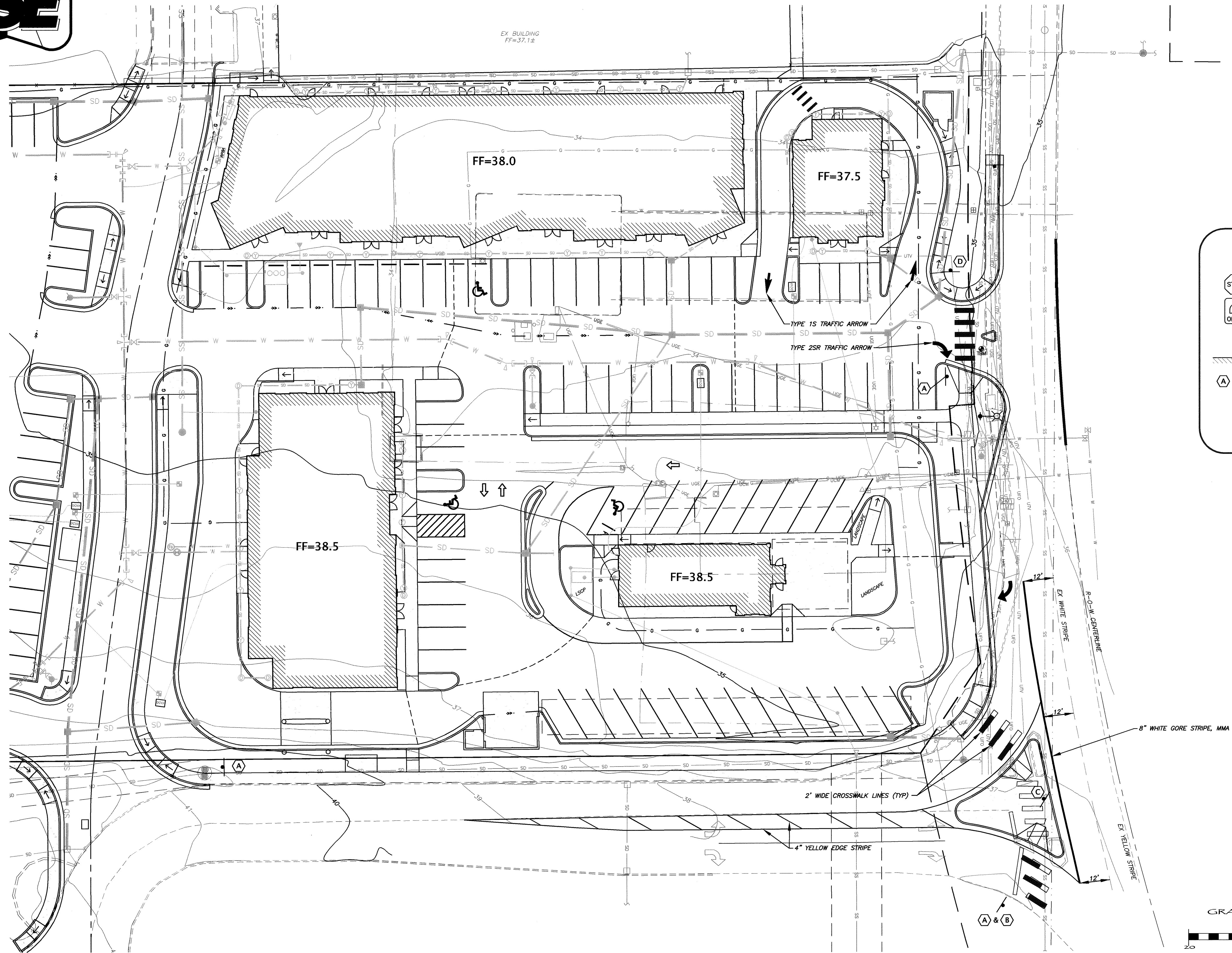
1-800-424-5555

FIELD BOOKS	TBM. NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	SCALE	REV	DATE	DESCRIPTION	BY	No.	DATE
DESIGN: 381	381-31-A	SEE SURVEY NOTE #4	36.76	BASE	SUN	AM/SL	HORIZ: 1"=20'	1	06.17.08	GRADING, SD, WA, SS, LOAD DOCK	DG	4	AS-BUILT DRAWINGS 02.02.09
STAKING:				DESIGN	DPG	JVY	VERT: 1"=2'	2	06.26.08	ELIMINATE HYDRANT & 6"ø D.I.	DG	5	AS-BUILT DRAWINGS 04.24.09
ASBUILT:				XREF: grants_topo20x				3	08.12.08	RAMP REVISION	DG	6	AS-BUILT DRAWINGS 05.11.09
				DWG # ENG_BASE_20x				4	08.15.08	POND BOTTOM ELEV AND DCVA	JVY	7	AS-BUILT DRAWINGS 05.20.09
SURVEY REFERENCE	VERTICAL DATUM			PLAN CHECK				REVISIONS			ISSUE		





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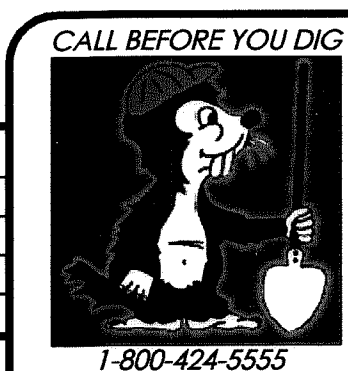
SIGN LEGEND



APPROVED
JUL 15 2009
BY *[Signature]*
CITY OF FERDALE

AS-BUILT NOTE: ONLY INFORMATION NOTED AS "A.B.I." HAS BEEN VERIFIED AND FIELD SURVEYED OR MEASURED DURING CONSTRUCTION.

FIELD BOOKS	TBM. NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	SCALE	REV	DATE	DESCRIPTION	BY	No.	DATE
DESIGN: 381	381-31-A	SEE SURVEY NOTE #4	36.76	BASE	SJN	AM/SL	HORIZ: 1"=20'	1	06.17.08	GRADING, SD, WA, SS, LOAD DOCK	DG	4	02.02.09
STAKING:				DESIGN	DPG	JVY	VERT: 1"=2'	2	06.26.08	ELIMINATE HYDRANT & 6" D.I.	DG	5	04.24.09
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				DWG # ENG_BASE_20x				4	08.15.08	POND BOTTOM ELEV AND DCVA	JVY	7	05.20.09
SURVEY REFERENCE	VERTICAL DATUM	PLAN CHECK	REVISIONS	ISSUE									



KT DEVELOPMENT
510 LAKEWAY DRIVE
BELLINGHAM, WA 98225

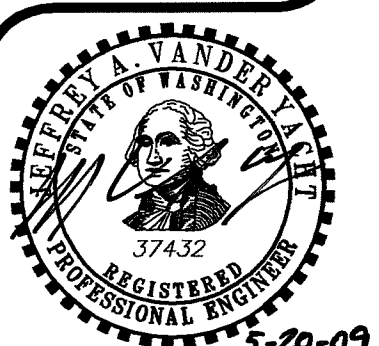
STRIPING & SIGNAGE PLAN
(AS-BUILT DRAWING)

SITUATE IN A PORTION OF THE SW 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 39 NORTH, RANGE 2 EAST, W.M., CITY OF FERDALE, WHATCOM COUNTY, WASHINGTON
~ FERDALE STATION ~
1851 MAIN STREET, FERDALE, WASHINGTON

JOB #: 2007177

DVLP 2008-03

SHEET C5



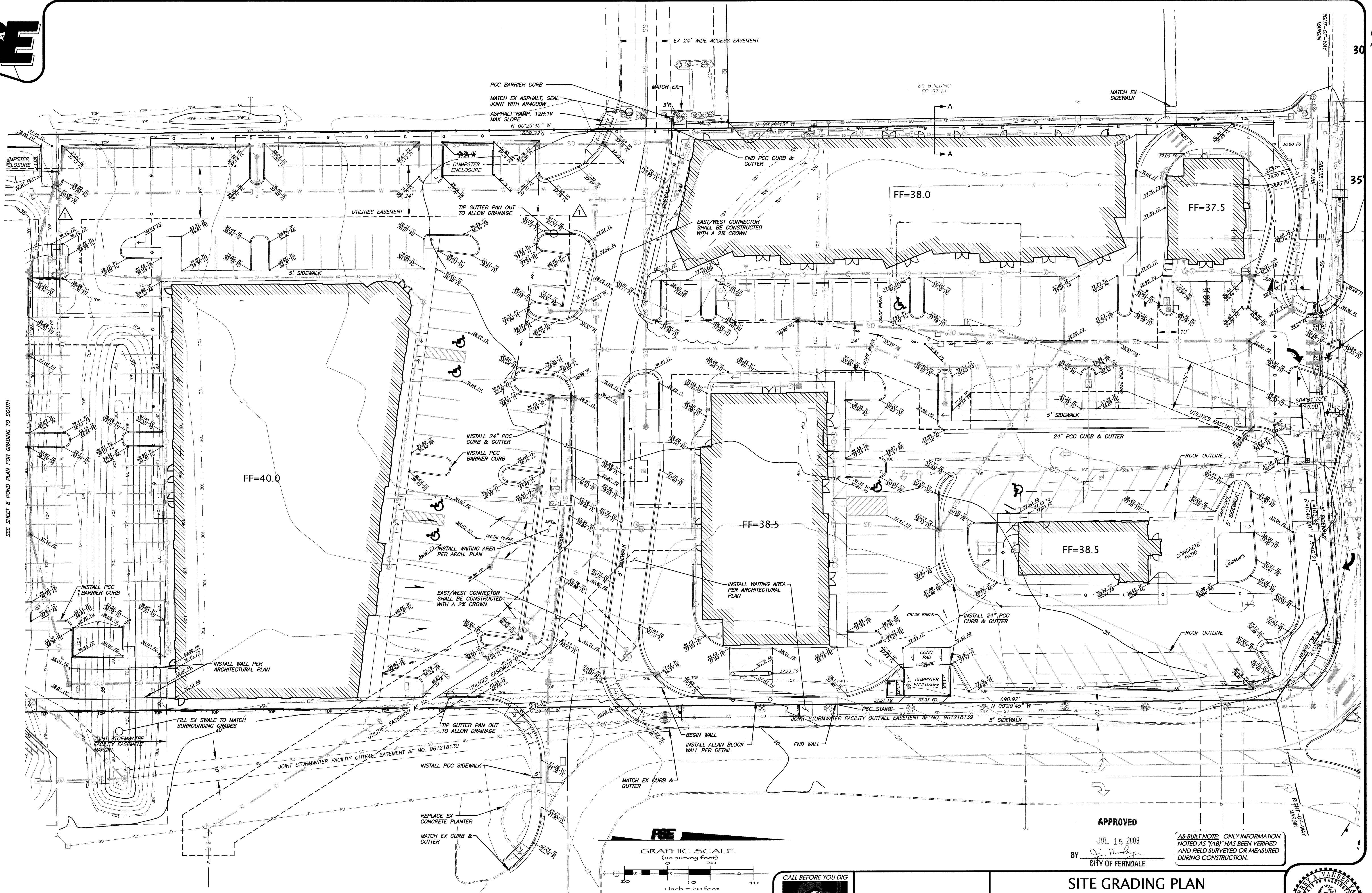
5-20-09

003945.005 7-16-09 DD



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1812 CORNWALL, BELLINGHAM, WA 98225 PHONE:671.7387 FAX:671.4685
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SEE SHEET 8 POND PLAN FOR GRADING TO SOUTH



FIELD BOOKS	TBM. NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	SCALE	REV	DATE	DESCRIPTION	BY	No.	DATE
DESIGN: 381	381-31-A	SEE SURVEY NOTE #4	36.76	BASE	SJN	AM/SL	HORIZ: 1"=20'	1	06.17.08	GRADING, SD, WA, SS, LOAD DOCK	DG	4	02.02.09
STAKING:				DESIGN	DPG	JVY	VERT: 1"=2'	2	06.26.08	ELIMINATE HYDRANT & 6" D.I.	DG	5	04.24.09
ASBUILT:				XREF: grants_topo20x				3	08.12.08	RAMP REVISION	DG	6	05.11.09
				DWG # ENG_BASE_20x				4	08.15.08	POND BOTTOM ELEV AND DCVA	JVY	7	05.20.09
SURVEY REFERENCE		VERTICAL DATUM		PLAN CHECK		REVISIONS		ISSUE					



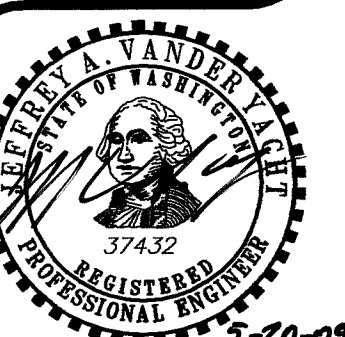
KT DEVELOPMENT
510 LAKEWAY DRIVE
BELLINGHAM, WA 98225

JOB #: 2007177

SITE GRADING PLAN
AS-BUILT DRAWING
SITUATE IN A PORTION OF THE SW 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 39 NORTH,
RANGE 2 EAST, W.M. CITY OF FERDALE, WHATCOM COUNTY, WASHINGTON
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DVLP 2008-03

SHEET C6

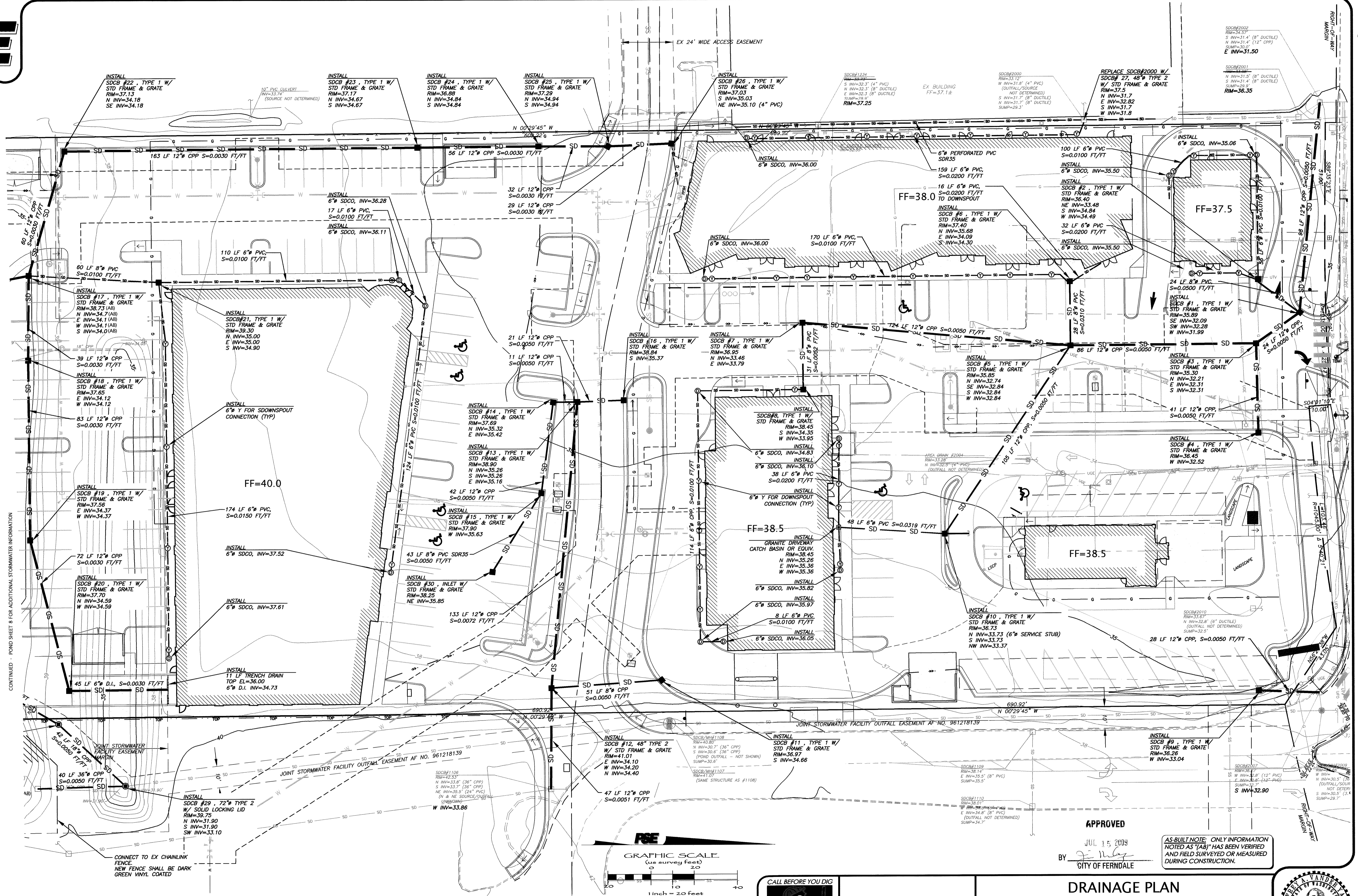


00395.006 7-16-09



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CONTINUED - POND SHEET 8 FOR ADDITIONAL STORMWATER INFORMATION

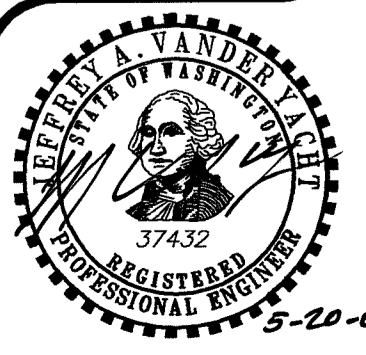


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STAKING:				DESIGN	DPG	JVY	VERT: 1"=2'	2	06.26.08	ELIMINATE HYDRANT & 6" D.I.	DG	5	AS-BUILT DRAWINGS 04.24.09
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				DWG # ENG_BASE_20x				4	08.15.08	POND BOTTOM ELEV AND DCVA	JVY	7	AS-BUILT DRAWINGS 05.20.09
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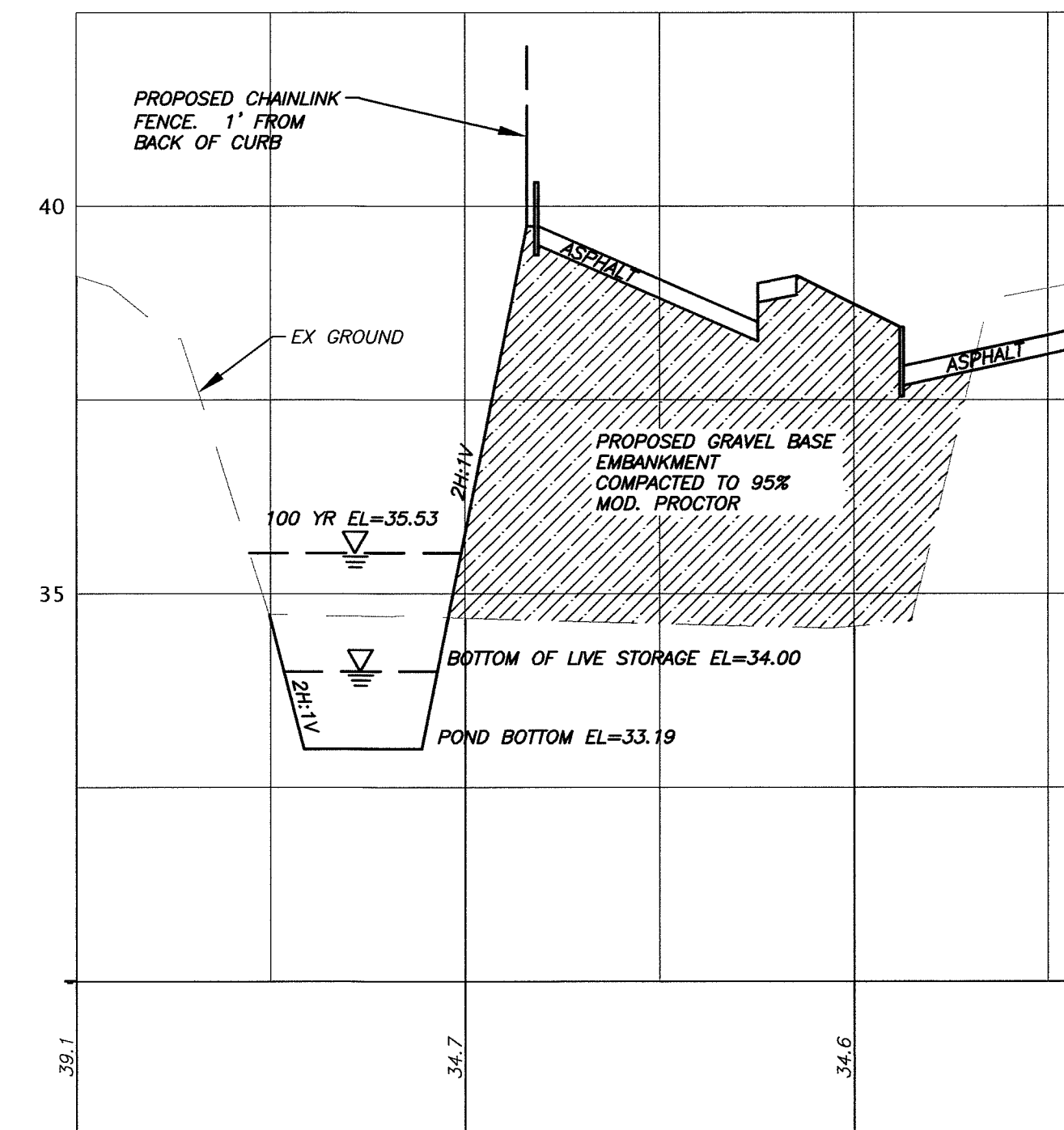
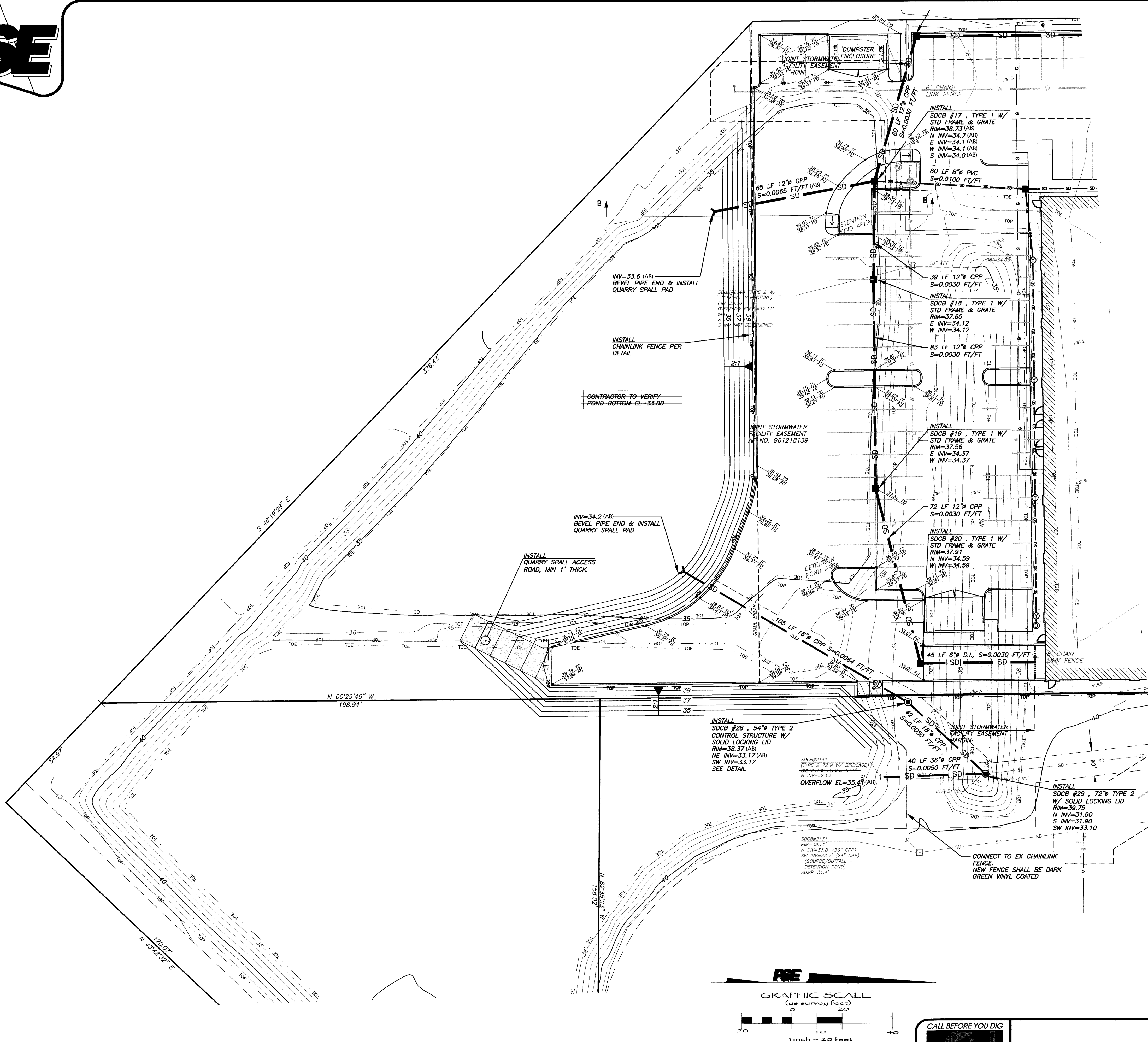
KT DEVELOPMENT
510 LAKEWAY DRIVE
BELLINGHAM, WA 98225

DRainage PLAN
AS-BUILT DRAWING
SITUATE IN A PORTION OF THE SW 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 39 NORTH,
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EMAIL: pse@psurvey.com



POND X-SECTION
SCALE: 1"=2' VERTICAL
1"=20' HORIZONTAL

APPROVED
JUL 15 2009
BY *[Signature]*
CITY OF FERDALE

AS-BUILT NOTE: ONLY INFORMATION NOTED AS "(AB)" HAS BEEN VERIFIED AND FIELD SURVEYED OR MEASURED DURING CONSTRUCTION.

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KT DEVELOPMENT
510 LAKEWAY DRIVE
BELLINGHAM, WA 98225

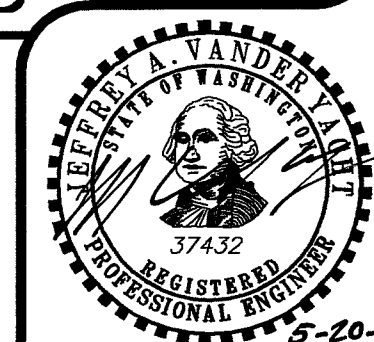
STORMWATER FACILITY PLAN (AS-BUILT DRAWING)

SITUATE IN A PORTION OF THE SW 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 39 NORTH, RANGE 2 EAST, W.M., CITY OF FERDALE, WHATCOM COUNTY, WASHINGTON
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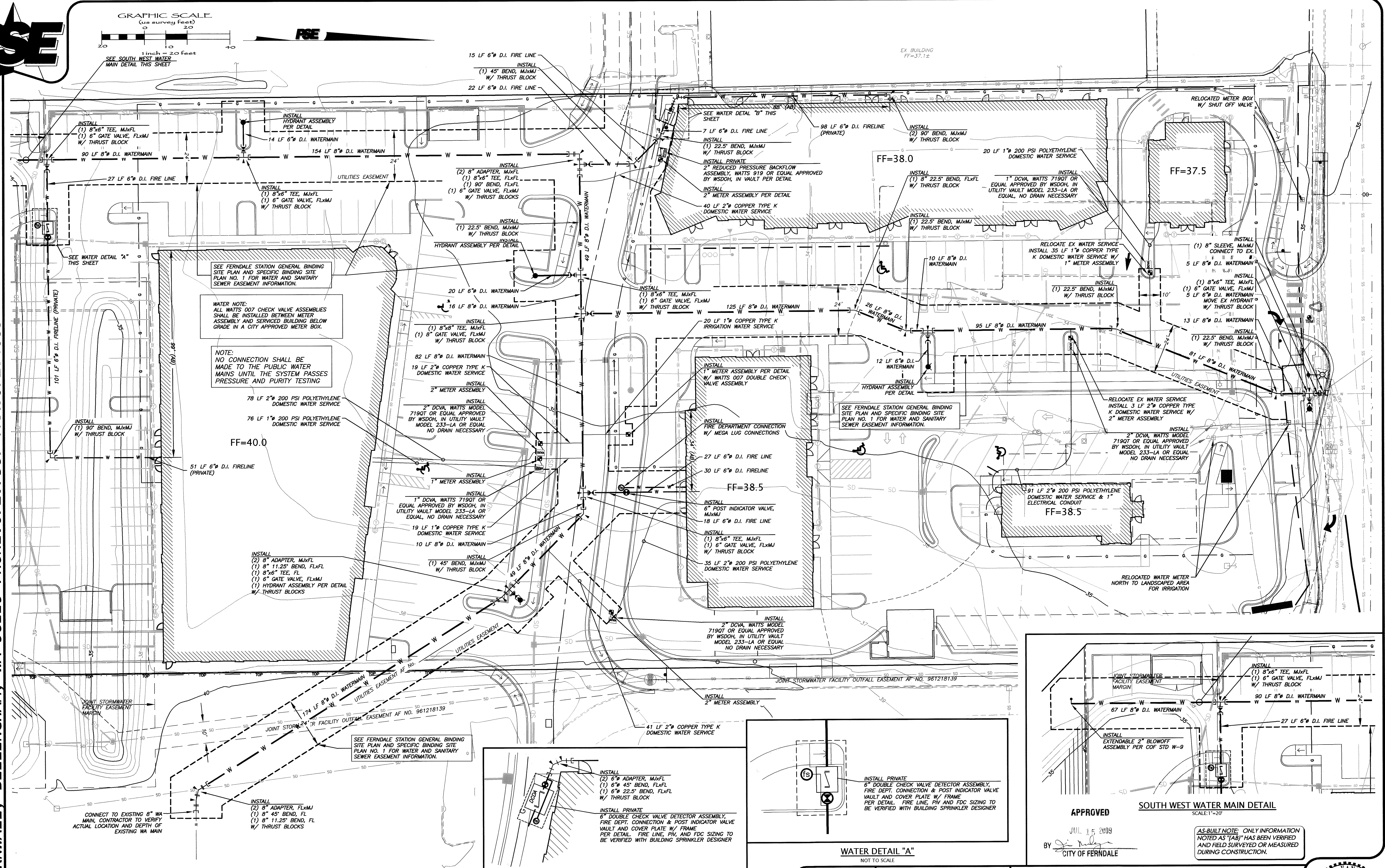
SHEET C8



00345.008 7-16-09 DD



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1812 CORNWALL, BELLINGHAM, WA 98225 PHONE:671.7387 FAX:671.4685
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EMAIL: pse@psurvey.com



WATER DETAIL "B"													
NOT TO SCALE													
FIELD BOOKS	TBM. NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	SCALE	REV	DATE	DESCRIPTION	BY	No.	DATE
DESIGN: 381	381-31-A	SEE SURVEY NOTE #4	36.76	BASE	SUN	AM/SL	HORIZ: 1"=20'	1	06.17.08	GRADING, SD, WA, SS, LOAD DOCK	DG	4	AS-BUILT DRAWINGS 02.02.09
STAKING:				DESIGN	DPG	JVY	VERT: 1"=2'	2	06.26.08	ELIMINATE HYDRANT & 6" D.I.	DG	5	AS-BUILT DRAWINGS 04.24.09
ASBUILT:				XREF: grants_topo20x				3	08.12.08	RAMP REVISION	DG	6	AS-BUILT DRAWINGS 05.11.09
				DWG # ENG_BASE_20x				4	08.15.08	POND BOTTOM ELEV AND DCVA	JVY	7	AS-BUILT DRAWINGS 05.20.09
SURVEY REFERENCE		VERTICAL DATUM		PLAN CHECK				REVISIONS				ISSUE	



KT DEVELOPMENT
510 LAKEWAY DRIVE
BELLINGHAM, WA 98225

WATER IMPROVEMENT PLAN
(AS-BUILT DRAWING)
SITUATE IN A PORTION OF THE SW 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 39 NORTH, RANGE 2 EAST, W.M., CITY OF FERNDALE, WHATCOM COUNTY, WASHINGTON
~ FERNDALE STATION ~
1851 MAIN STREET, FERNDALE, WASHINGTON
JOB #: 2007177
DVLP 2008-03
SHEET C9

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JUL 15 2009
BY [Signature]
CITY OF FERNDALE

AS-BUILT NOTE: ONLY INFORMATION NOTED AS "(AB)" HAS BEEN VERIFIED AND FIELD SURVEYED OR MEASURED DURING CONSTRUCTION.

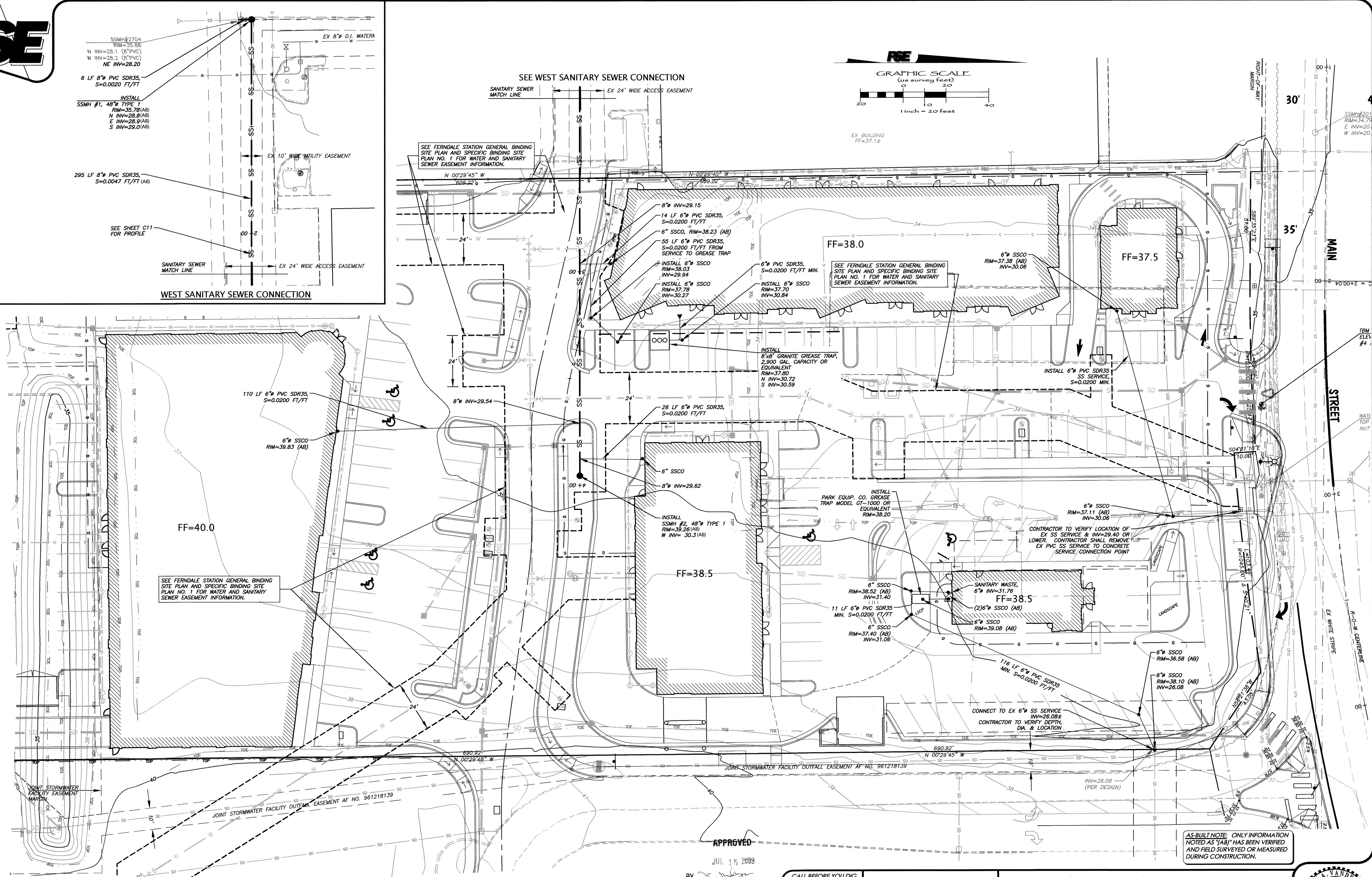
REGISTERED PROFESSIONAL ENGINEER
37432
5-20-09



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FIELD BOOKS										TBM. NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	SCALE	REV	DATE	DESCRIPTION	BY	No.	DATE	
DESIGN: 381										381-31-A	SEE SURVEY NOTE #4	36.76	BASE	S/JN	AM/SL	HORIZ: 1"=20'	1	06.17.08	GRADING, SD, WA, SS, LOAD DOCK	DG	4	AS-BUILT DRAWINGS	02.02.09
STAKING:													DESIGN	DPG	JVY	VERT: 1"=2'	2	06.26.08	ELIMINATE HYDRANT & 6" D.I.	DG	5	AS-BUILT DRAWINGS	04.24.09
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													DWG # ENG_BASE_20x			4	08.15.08	POND BOTTOM ELEV AND DCVA	JVY	7	AS-BUILT DRAWINGS	05.20.09	
SURVEY REFERENCE											VERTICAL DATUM				PLAN CHECK			REVISIONS			ISSUE		

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SANITARY SEWER PLAN

AS-BUILT DRAWING

SITUATE IN A PORTION OF THE SW 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 39 NORTH, RANGE 2 EAST, W.M. CITY OF FERDALE, WHATCOM COUNTY, WASHINGTON

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1851 MAIN STREET, FERDALE, WASHINGTON

JOB #: 2007177

DVLP 2008-03

SHEET C10

SEAL OF THE PROFESSIONAL ENGINEER

J. A. VANDENBERG

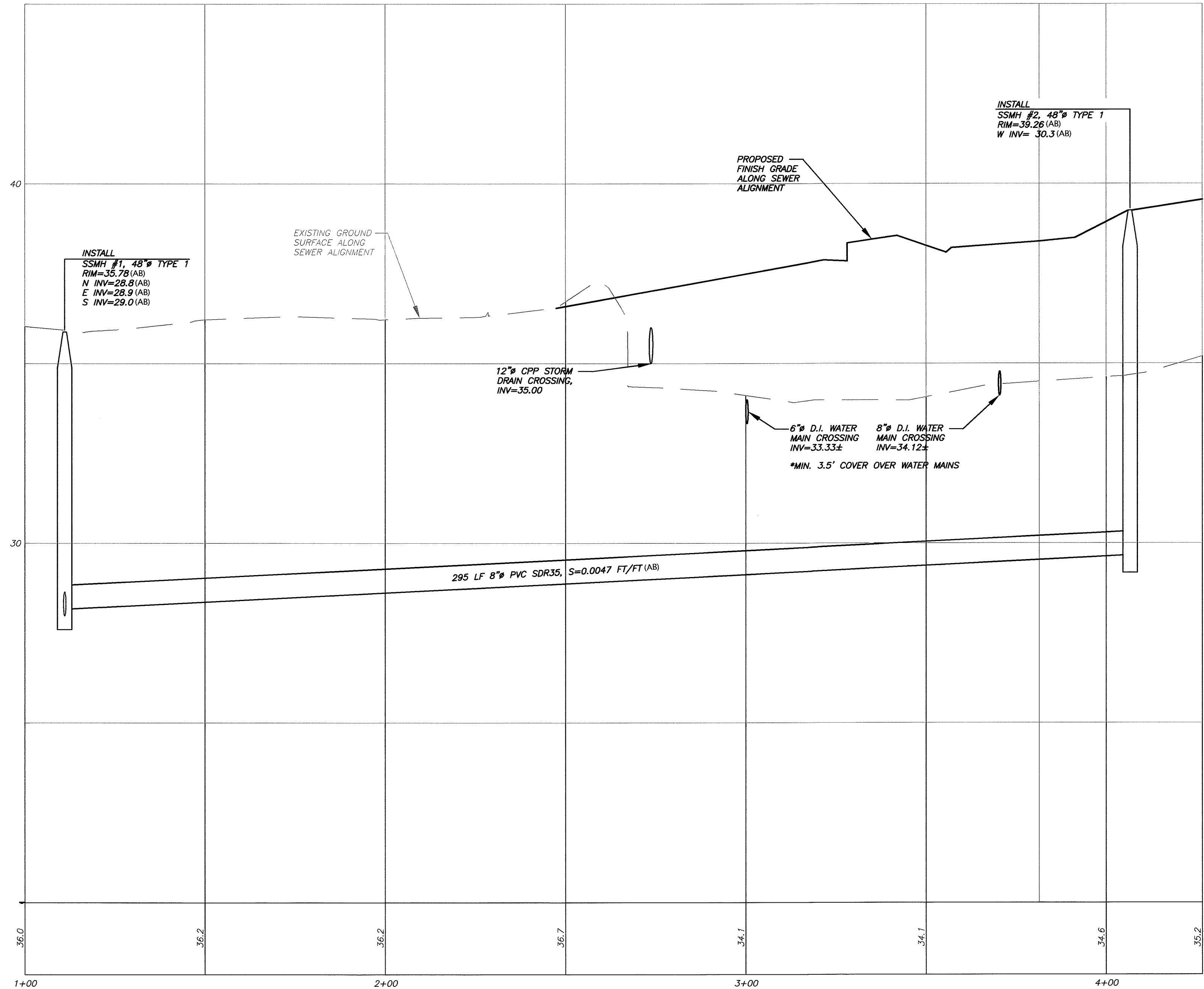
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SANITARY SEWER PROFILE

SCALE: 1"=2' VERTICAL
1"=20' HORIZONTAL

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JUL 15 2009
BY *J. Miley*
CITY OF FERDALE

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NOTED AS "(AB)" HAS BEEN VERIFIED
AND FIELD SURVEYED OR MEASURED
DURING CONSTRUCTION.

FIELD BOOKS	TBM. NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	SCALE	REV	DATE	DESCRIPTION	BY	No.	DATE
DESIGN: 381	381-31-A	SEE SURVEY NOTE #4	36.76	BASE	SJN	AM/SL	HORIZ: 1"=20'	1	06.17.08	GRADING, SD, WA, SS, LOAD DOCK	DG	4	02.02.09
STAKING:				DESIGN	DPG	JVY	VERT: 1"=2'	2	06.26.08	PROPOSED INVERT ELEVATIONS	DG	5	04.24.09
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				DWG # ENG_BASE_20x								7	05.20.09
SURVEY REFERENCE	VERTICAL DATUM			PLAN CHECK			REVISIONS			ISSUE			

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SANITARY SEWER PROFILE
(AS-BUILT DRAWING)

SITUATE IN A PORTION OF THE SW 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 39 NORTH,
RANGE 2 EAST, W.M., CITY OF FERDALE, WHATCOM COUNTY, WASHINGTON
~ FERDALE STATION ~
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JOB #: 2007177

DVLP 2008-03

SHEET C11





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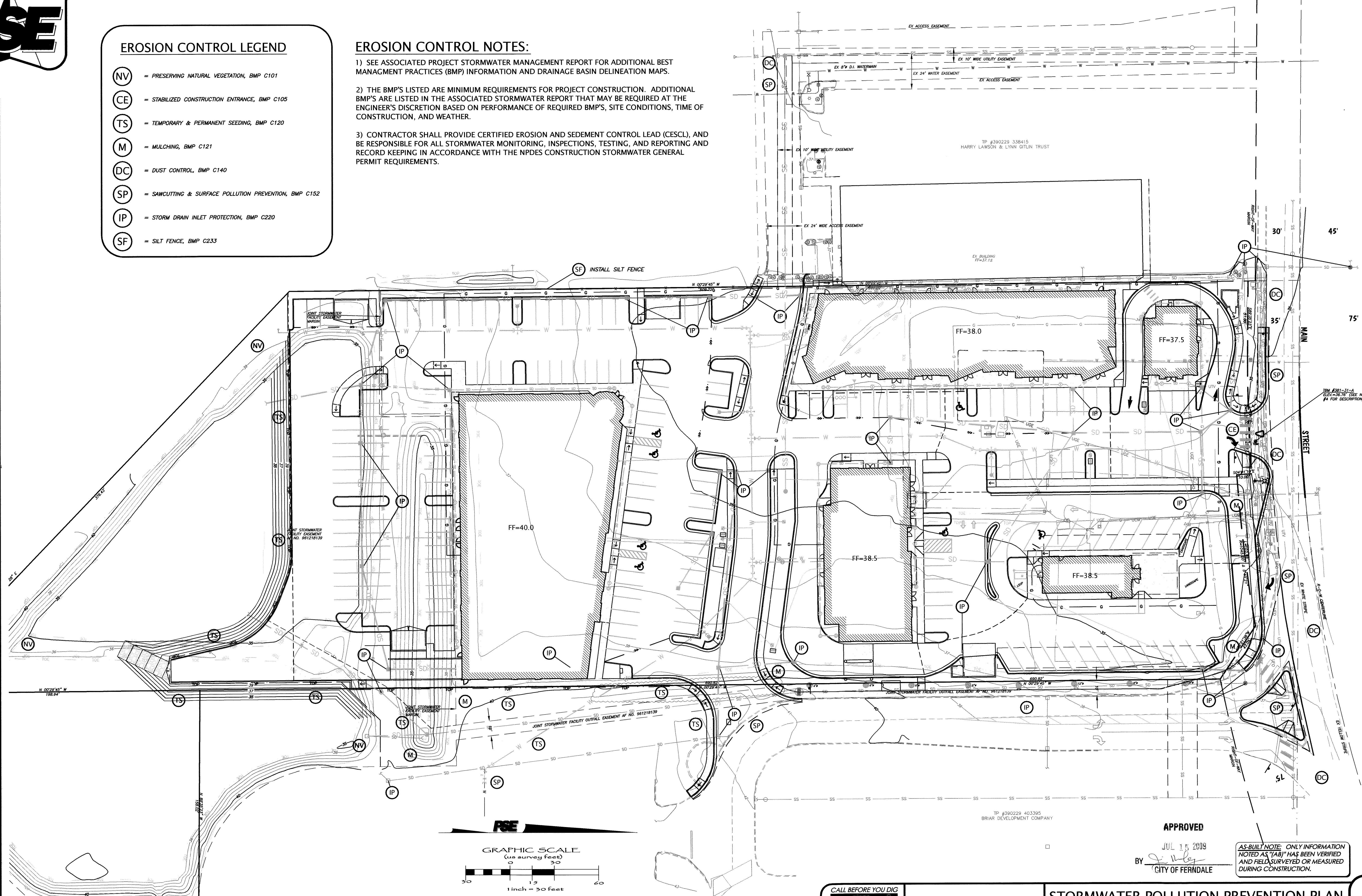
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EROSION CONTROL LEGEND

- (NV) = PRESERVING NATURAL VEGETATION, BMP C101
- (CE) = STABILIZED CONSTRUCTION ENTRANCE, BMP C105
- (TS) = TEMPORARY & PERMANENT SEEDING, BMP C120
- (M) = MULCHING, BMP C121
- (DC) = DUST CONTROL, BMP C140
- (SP) = SAWCUTTING & SURFACE POLLUTION PREVENTION, BMP C152
- (IP) = STORM DRAIN INLET PROTECTION, BMP C220
- (SF) = SILT FENCE, BMP C233

EROSION CONTROL NOTES:

- 1) SEE ASSOCIATED PROJECT STORMWATER MANAGEMENT REPORT FOR ADDITIONAL BEST MANAGEMENT PRACTICES (BMP) INFORMATION AND DRAINAGE BASIN DELINEATION MAPS.
- 2) THE BMP'S LISTED ARE MINIMUM REQUIREMENTS FOR PROJECT CONSTRUCTION. ADDITIONAL BMP'S ARE LISTED IN THE ASSOCIATED STORMWATER REPORT THAT MAY BE REQUIRED AT THE ENGINEER'S DISCRETION BASED ON PERFORMANCE OF REQUIRED BMP'S, SITE CONDITIONS, TIME OF CONSTRUCTION, AND WEATHER.
- 3) CONTRACTOR SHALL PROVIDE CERTIFIED EROSION AND SEDIMENT CONTROL LEAD (CESCL), AND BE RESPONSIBLE FOR ALL STORMWATER MONITORING, INSPECTIONS, TESTING, AND REPORTING AND RECORD KEEPING IN ACCORDANCE WITH THE NPDES CONSTRUCTION STORMWATER GENERAL PERMIT REQUIREMENTS.



FIELD BOOKS			TBM. NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	SCALE	REV	DATE	DESCRIPTION	BY	No.	DATE	
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				DWG # ENG_BASE_20x							4	08.15.08	POND BOTTOM ELEV AND DCVA	JVY	7	AS-BUILT DRAWINGS 05.20.09
SURVEY REFERENCE			VERTICAL DATUM			PLAN CHECK				REVISIONS				ISSUE		

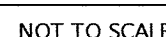
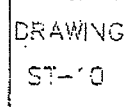
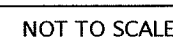


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STORMWATER POLLUTION PREVENTION PLAN
AS-BUILT DRAWING
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JOB #: 2007177
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SHEET C12



60.912 21056200

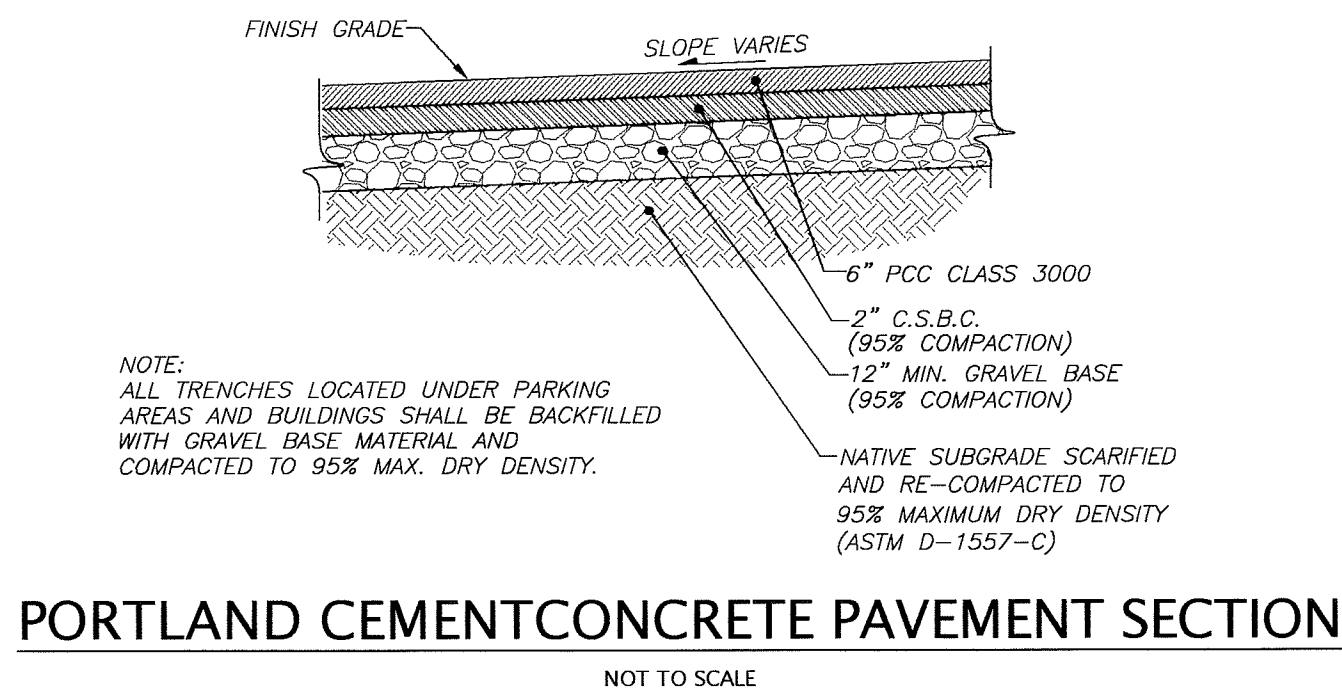
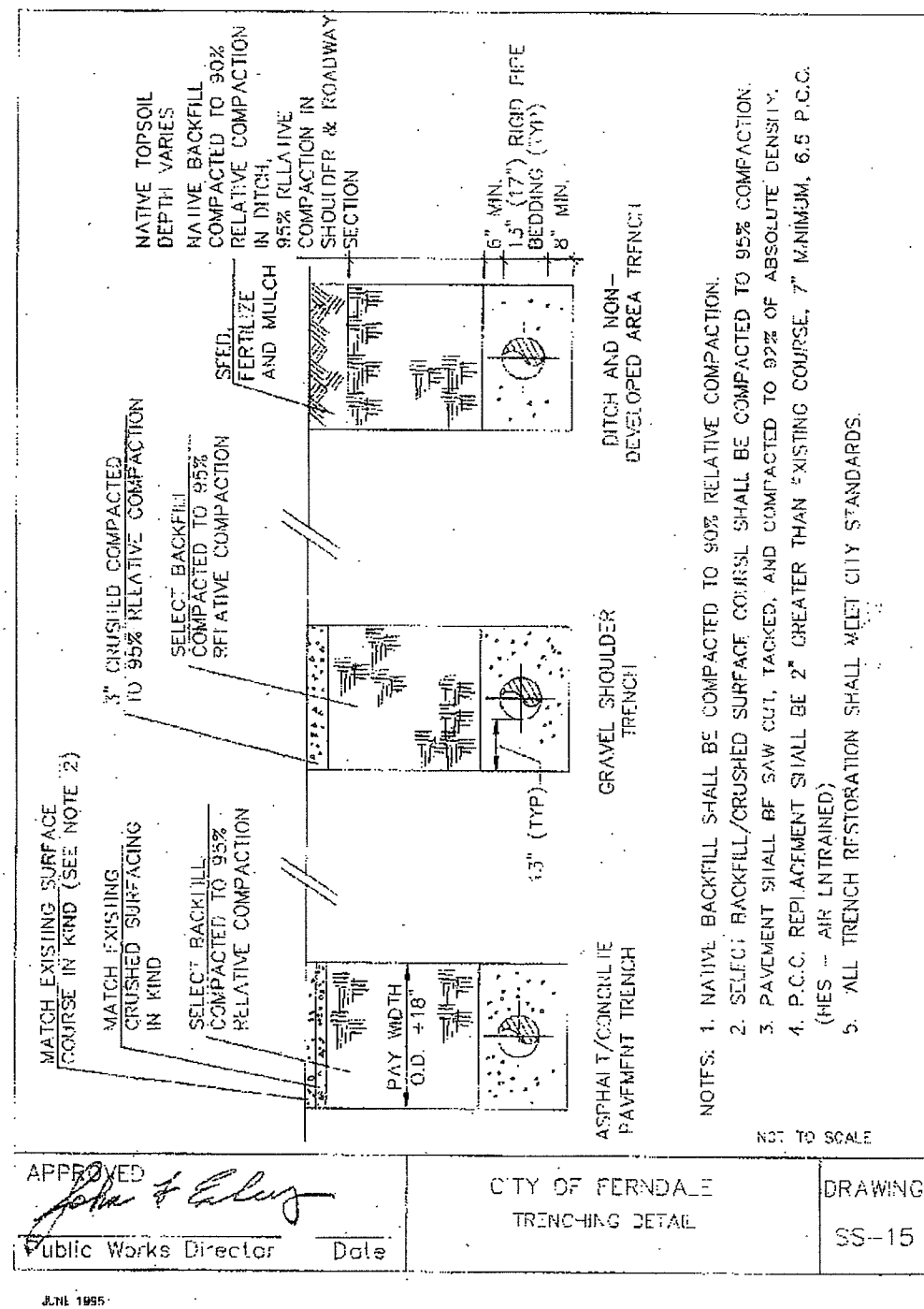


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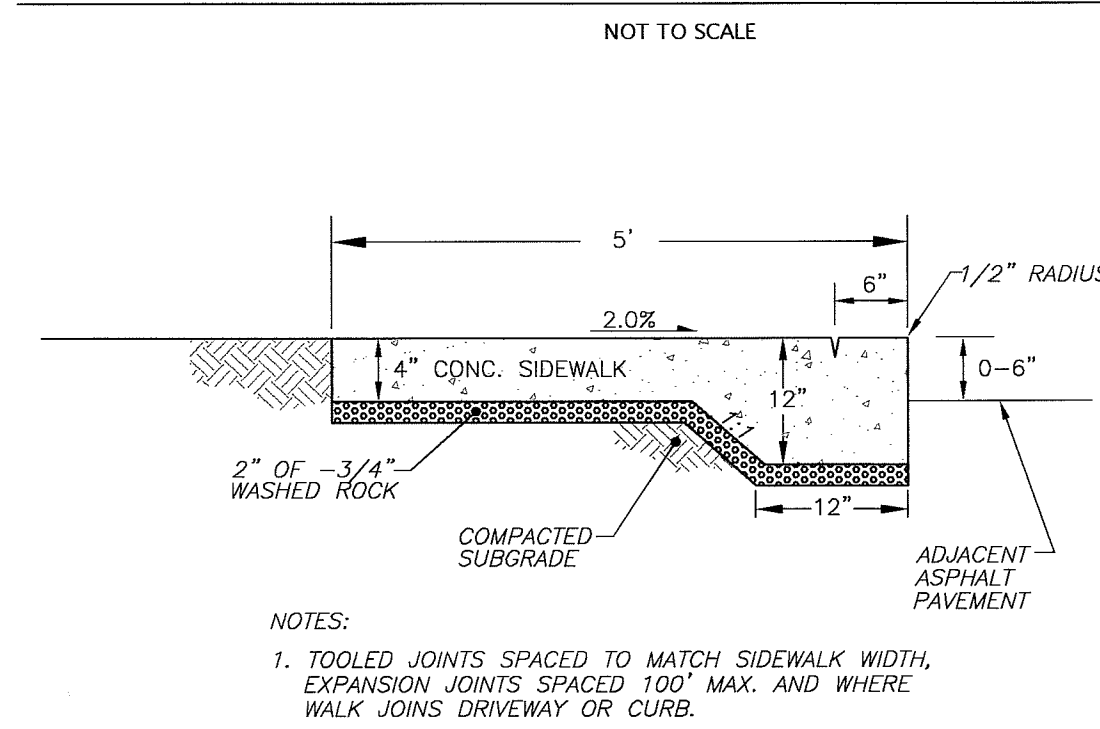


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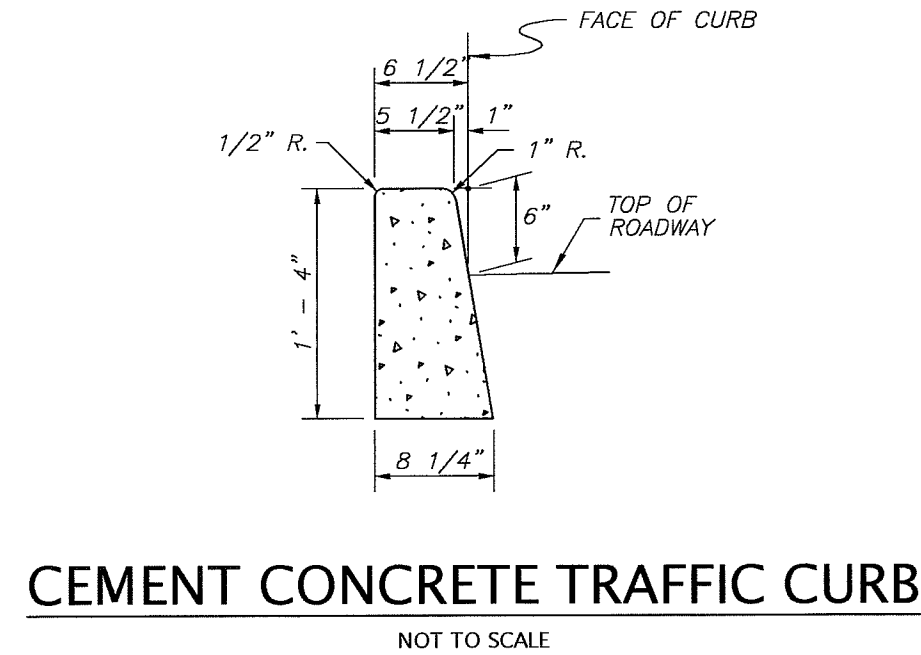
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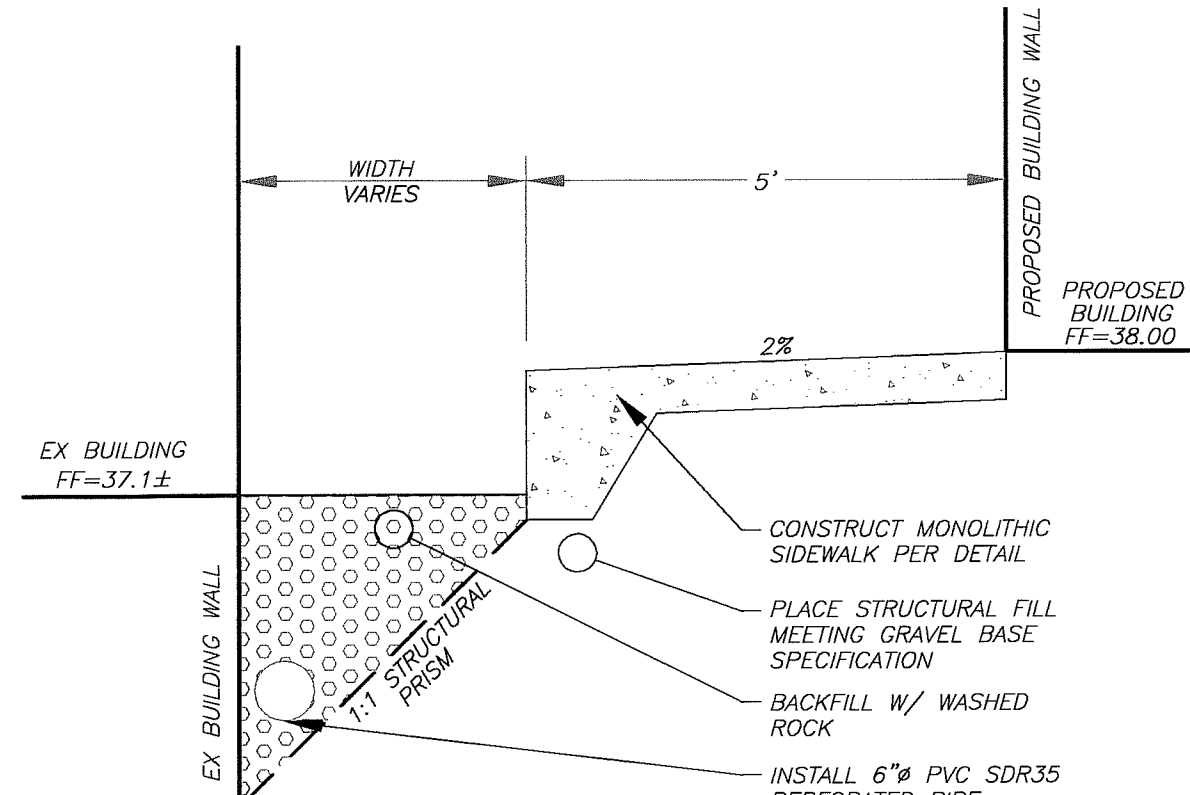
PORTLAND CEMENT CONCRETE PAVEMENT SECTION



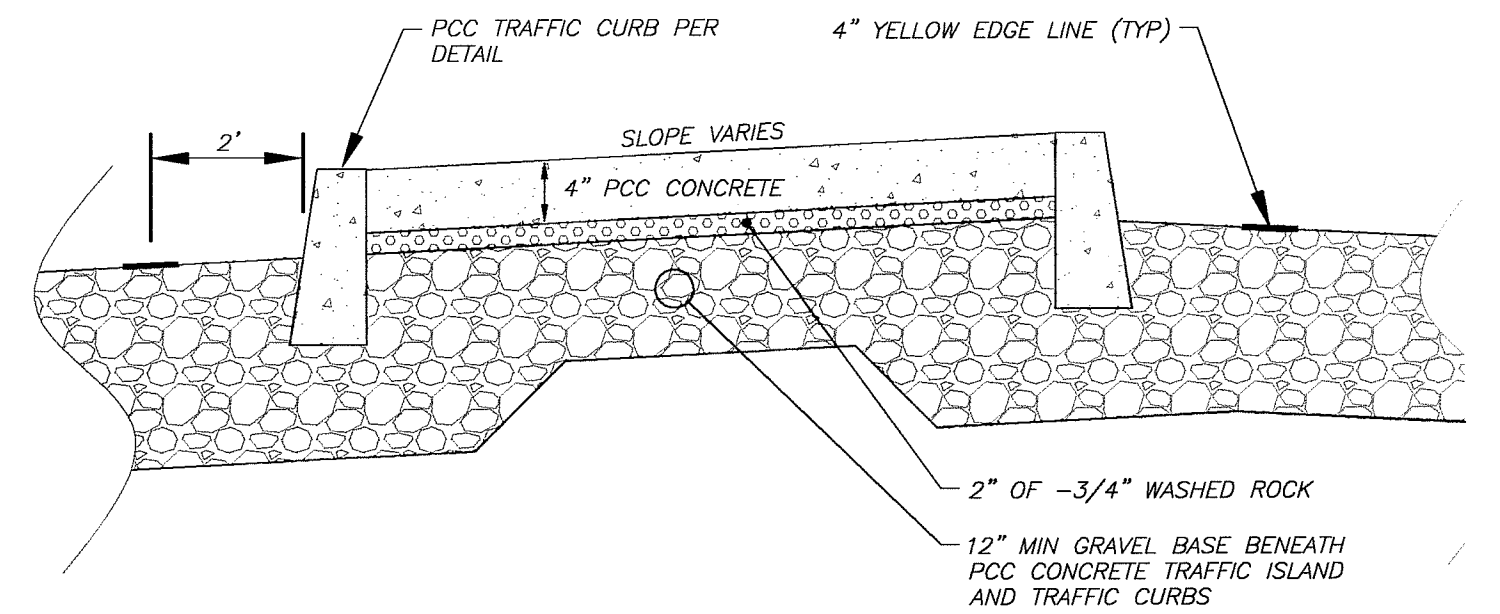
MONOLITHIC SIDEWALK



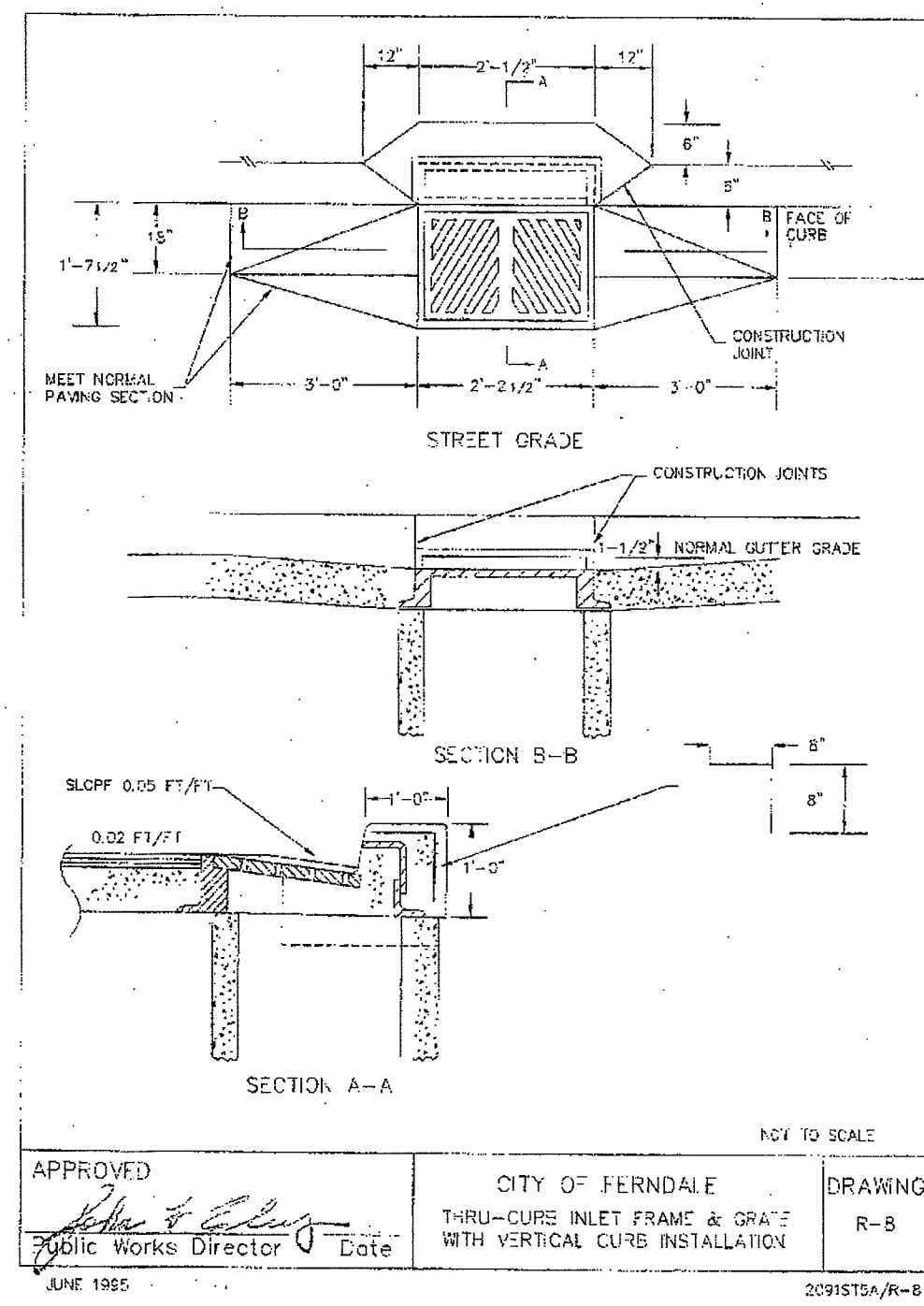
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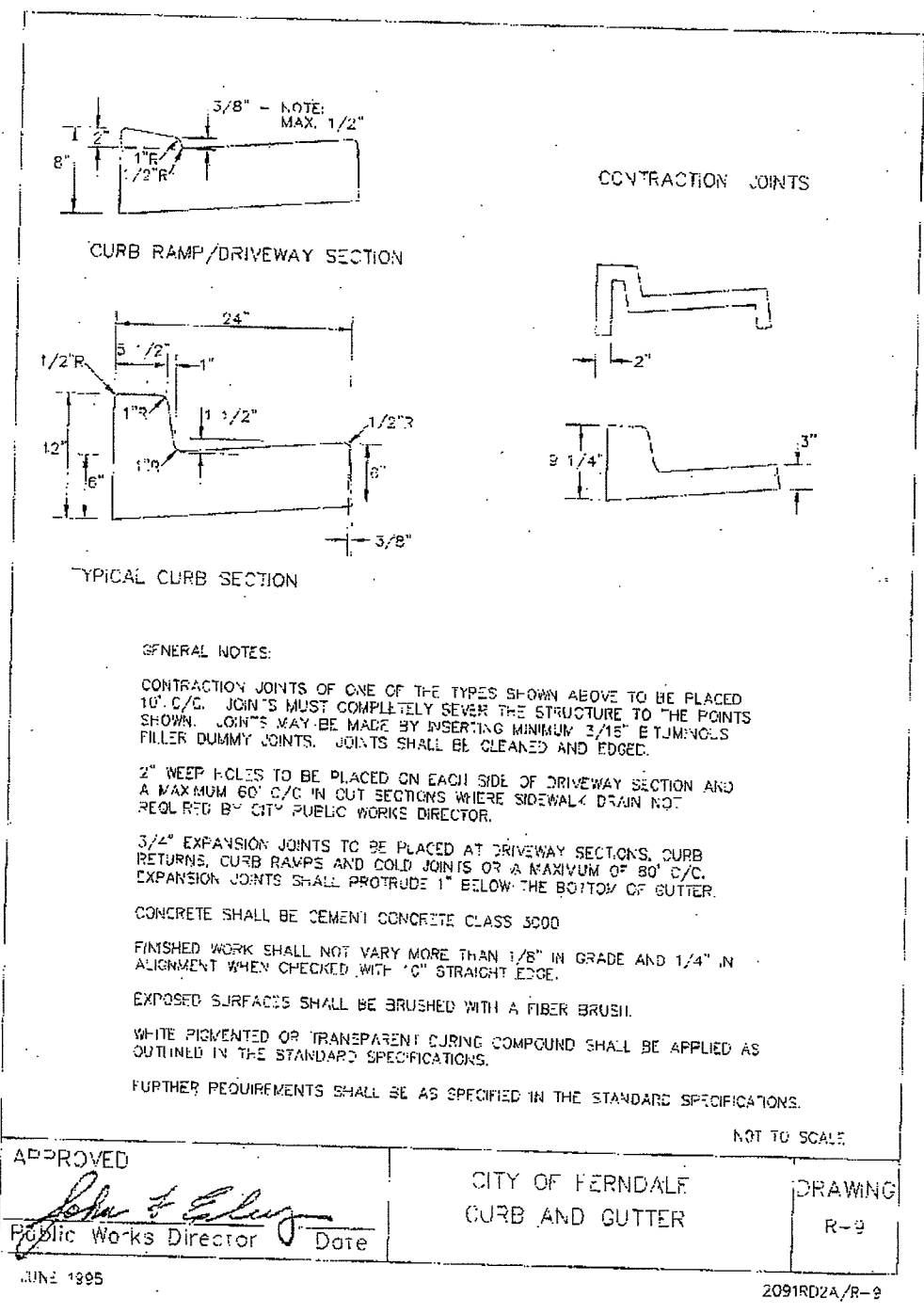
SECTION A-A



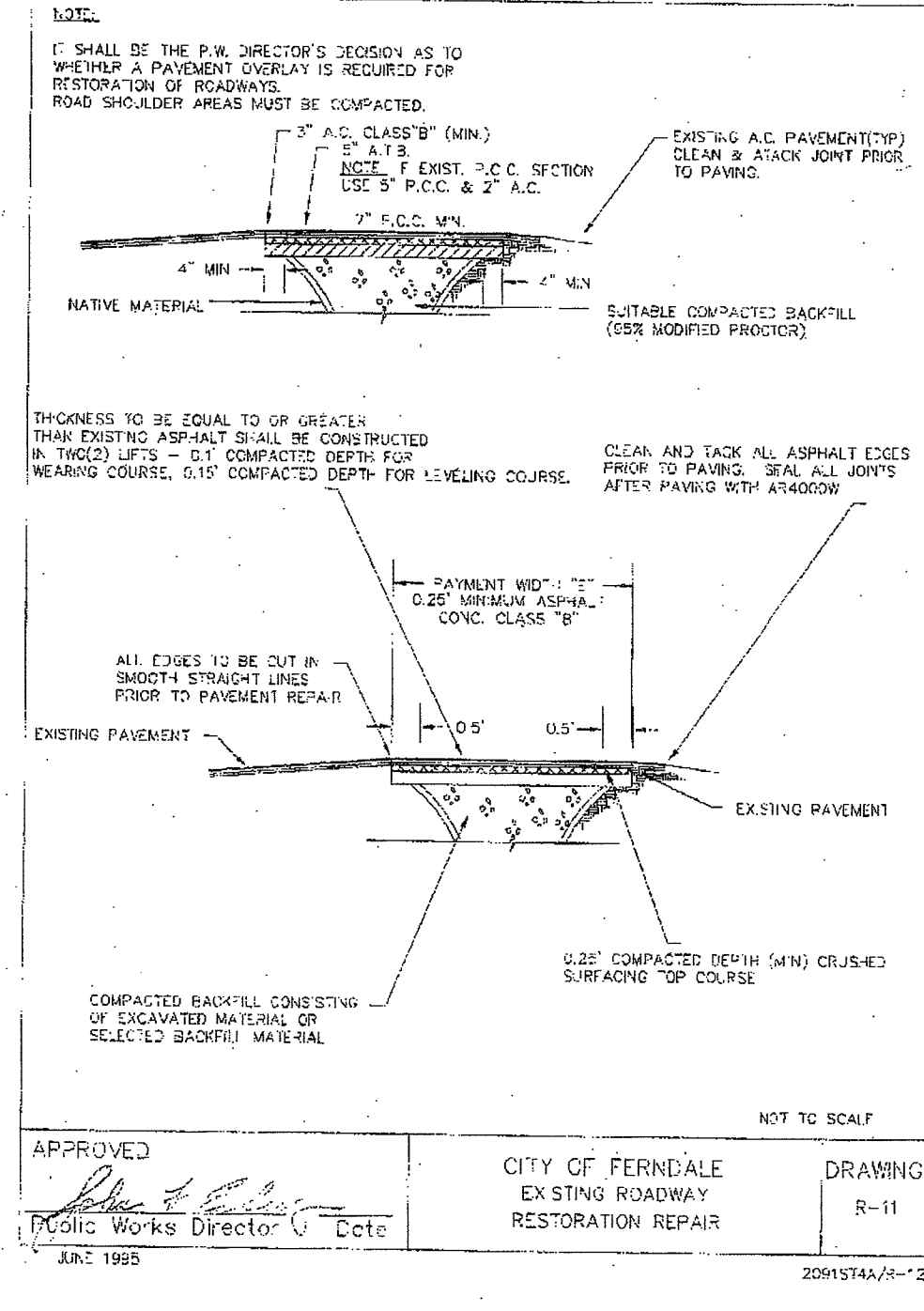
TRAFFIC ISLAND DETAIL - SECTION C-C



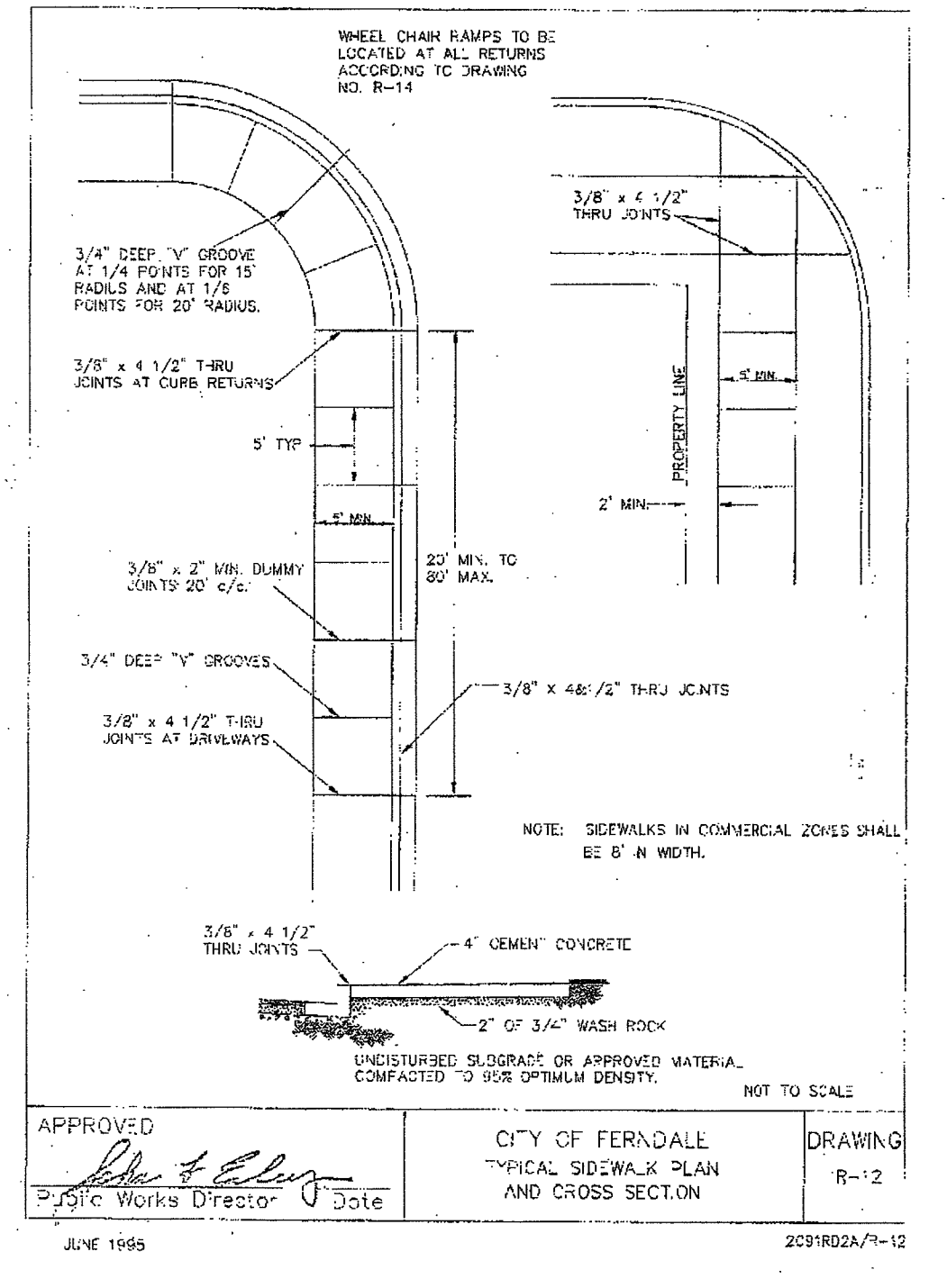
SECTION A-A



TYPICAL CURB SECTION



EXISTING ROADWAY RESTORATION REPAIR



TYPICAL SIDEWALK PLAN AND CROSS SECTION

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JUL 15 2009
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CITY OF FERDALE

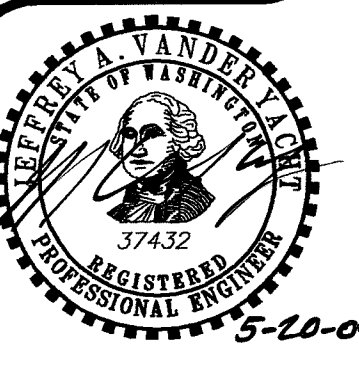
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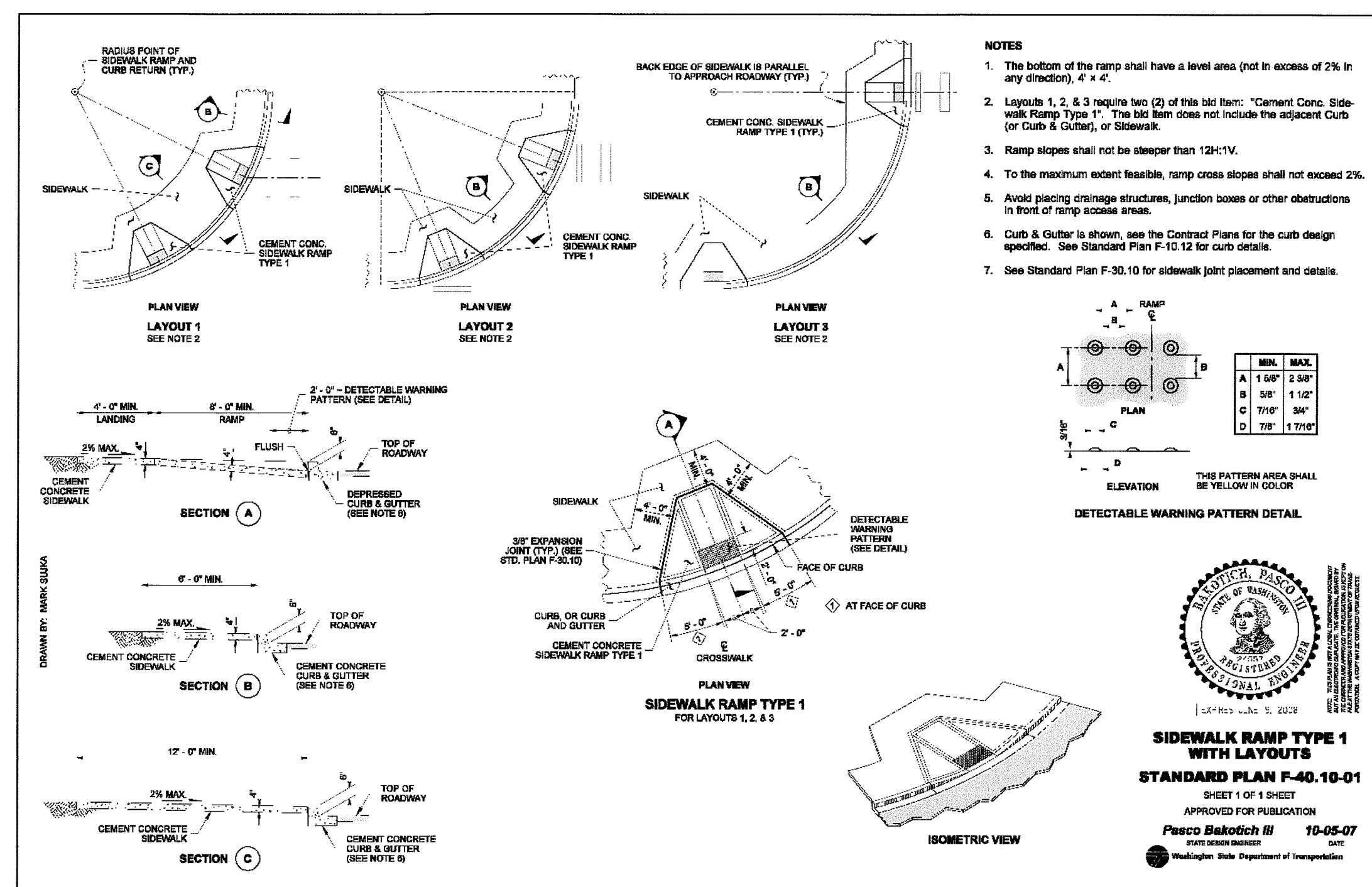
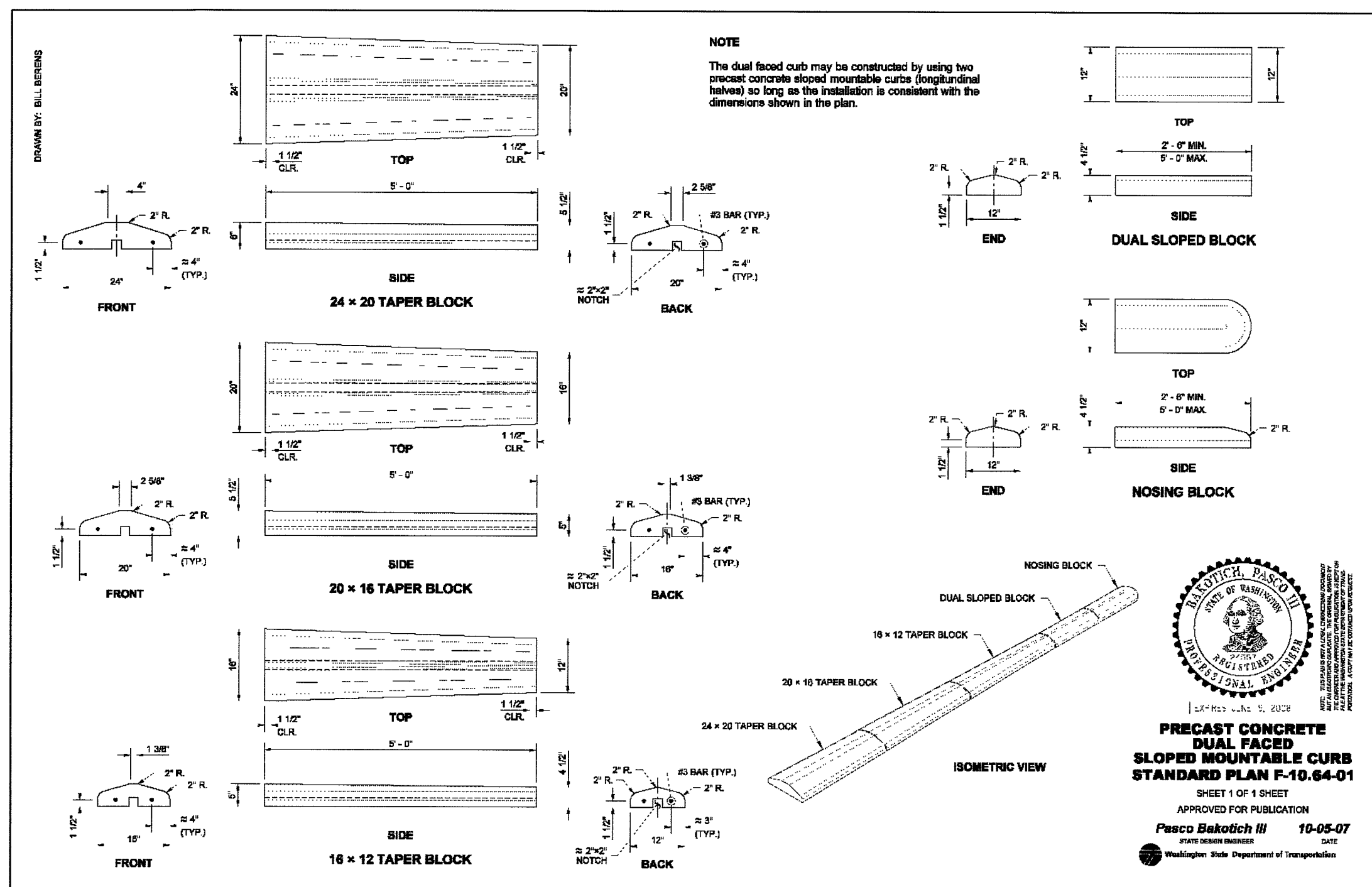
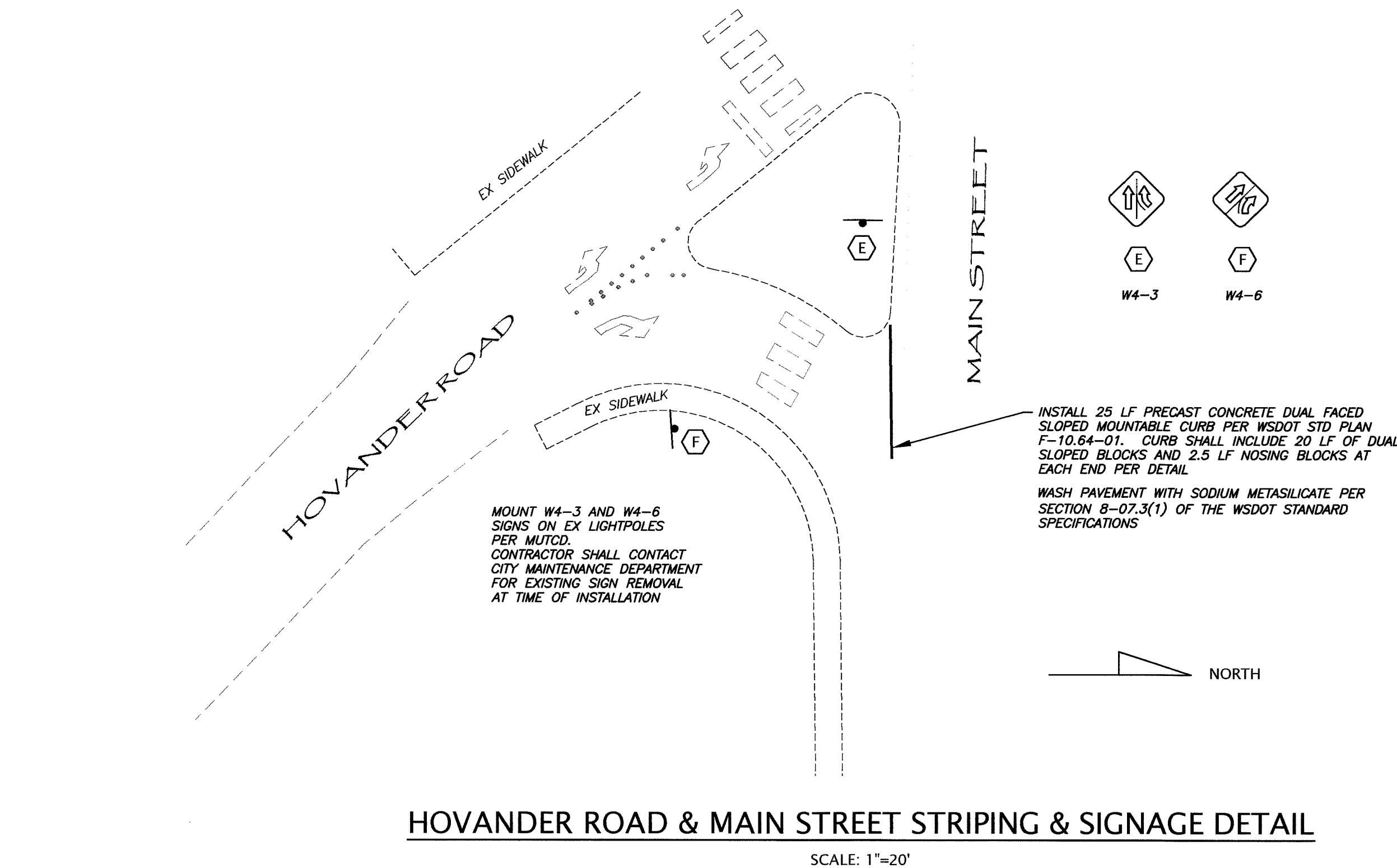
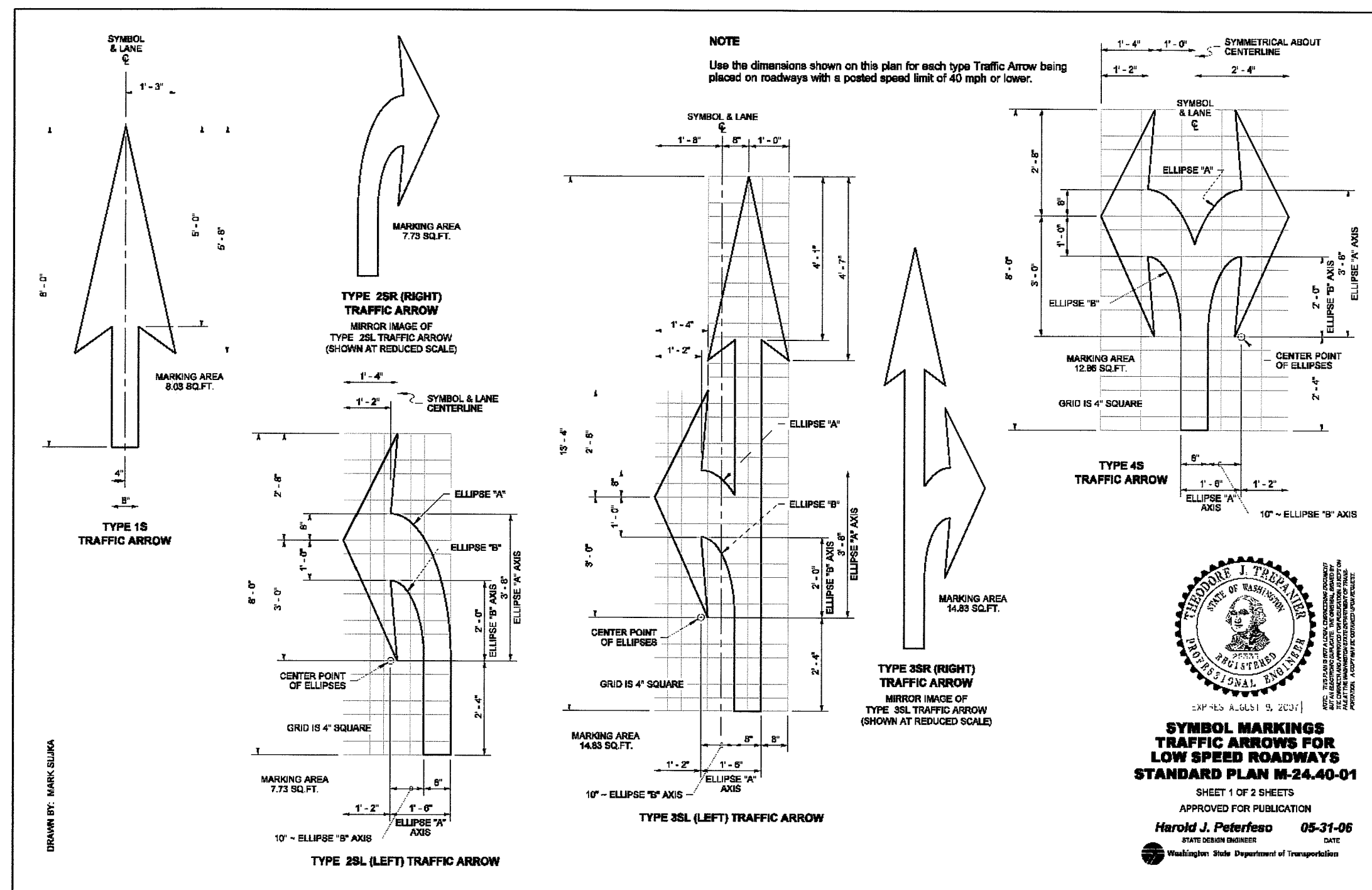
FIELD BOOKS	TBM. NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	SCALE	REV	DATE	DESCRIPTION	BY	No.	DATE
DESIGN: 381	381-31-A	SEE SURVEY NOTE #4	36.76	BASE	SUN	AM/SL	HORIZ: 1"=20'	1	06.17.08	GRADING, SD, WA, SS, LOAD DOCK	DG	4	AS-BUILT DRAWINGS 02.02.09
STAKING:				DESIGN			VERT: 1"=2'	2	06.23.08	ELIMINATE HYDRANT & 6"Ø D.I.	DG	5	AS-BUILT DRAWINGS 04.24.09
ASBUILT:				XREF:								6	AS-BUILT DRAWINGS 05.11.09
				DWG # ENG_BASE_20x								7	AS-BUILT DRAWINGS 05.20.09
SURVEY REFERENCE	VERTICAL DATUM			PLAN CHECK				REVISIONS				ISSUE	



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ROAD DETAILS
AS-BUILT DRAWING
SITUATE IN A PORTION OF THE SW 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 39 NORTH, RANGE 2 EAST, W.M., CITY OF FERDALE, WHATCOM COUNTY, WASHINGTON
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DVLP 2008-03
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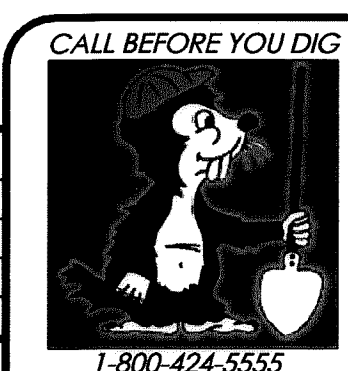




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FIELD BOOKS	TBM. NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	SCALE	REV	DATE	DESCRIPTION	BY	No.	DATE
DESIGN: 381	381-31-A	SEE SURVEY NOTE #4	36.76	BASE	SUN	AM/SL	HORIZ: 1"=20'	1	06.17.08	GRADING, SD, WA, SS, LOAD DOCK	DG	4	02.02.09
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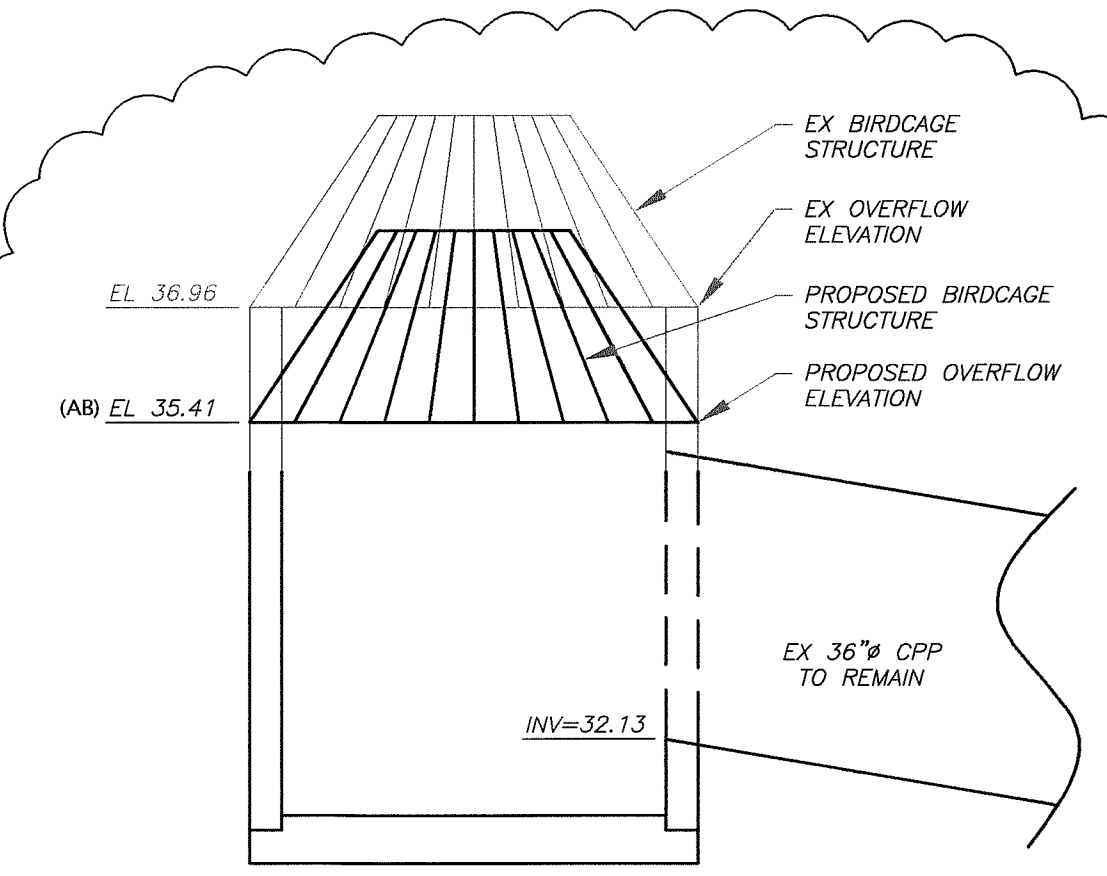
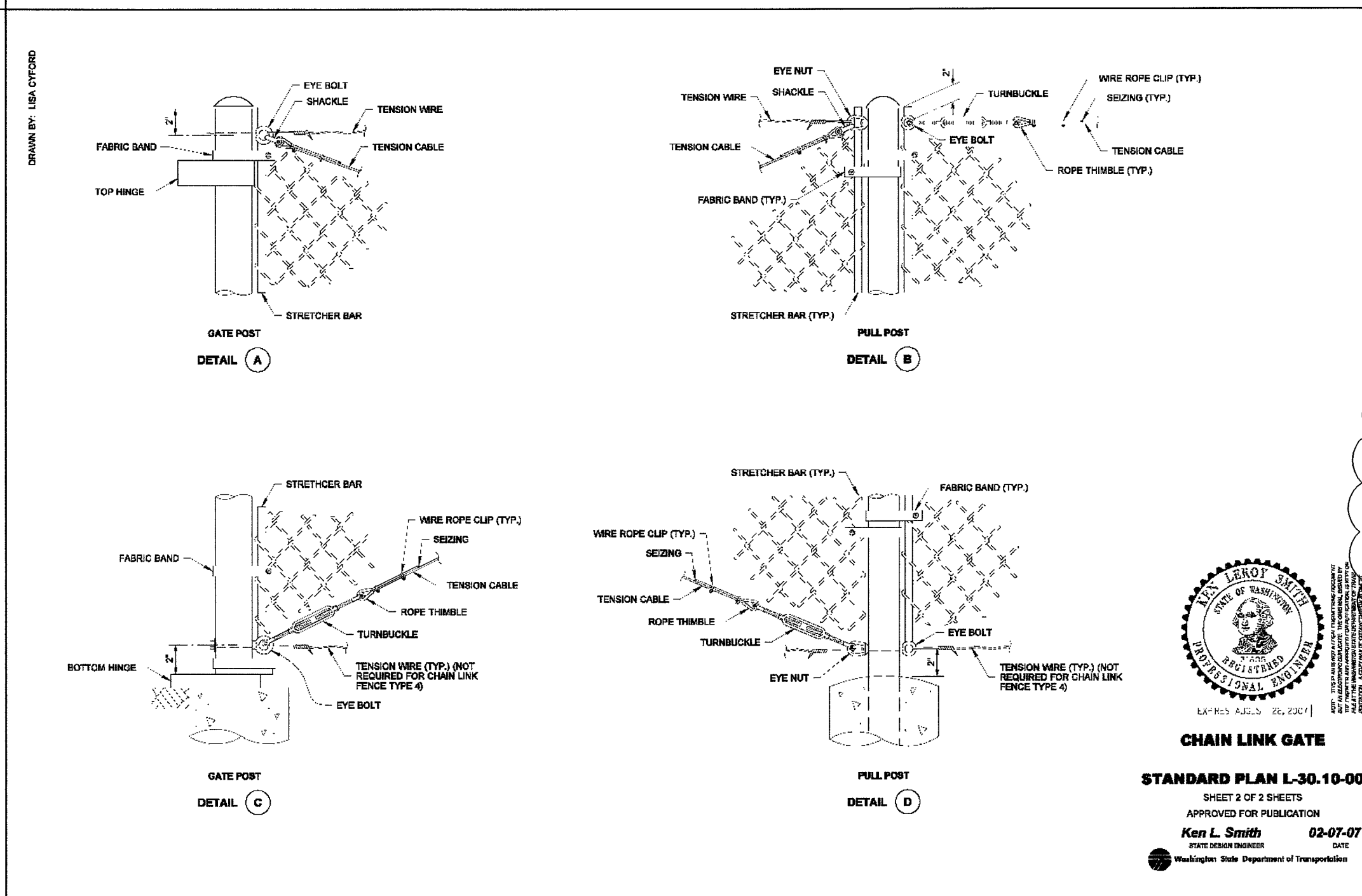
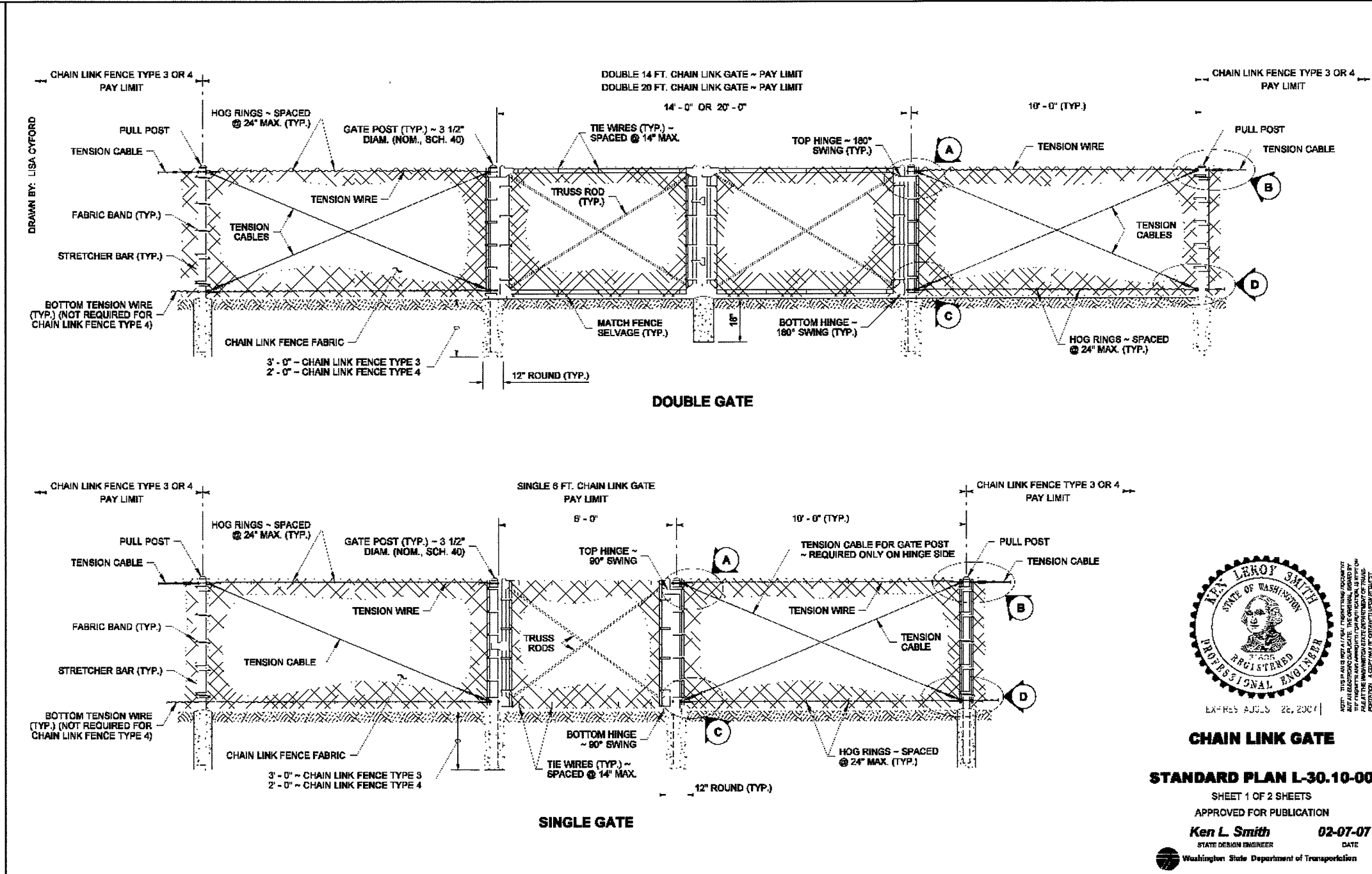
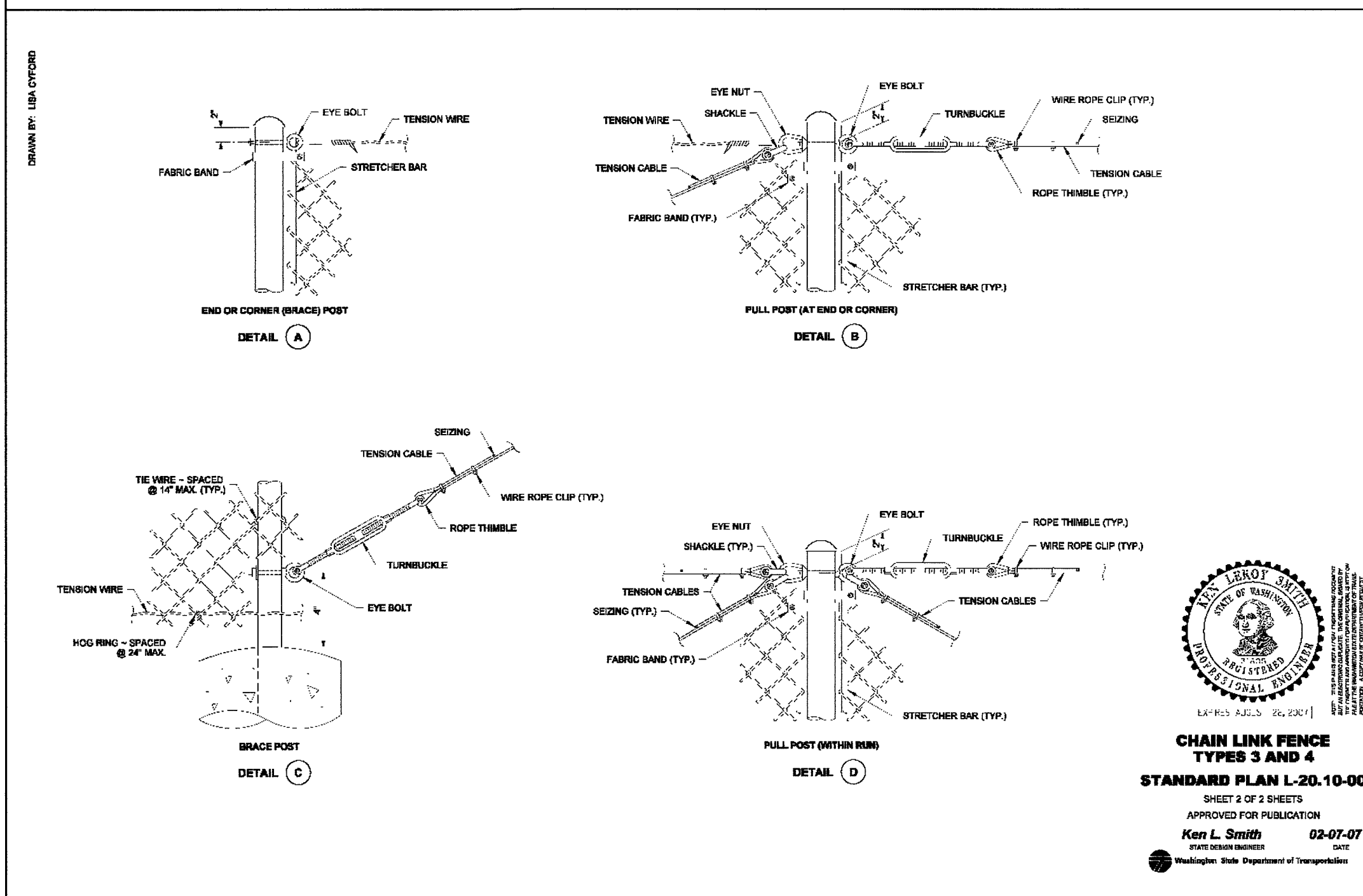
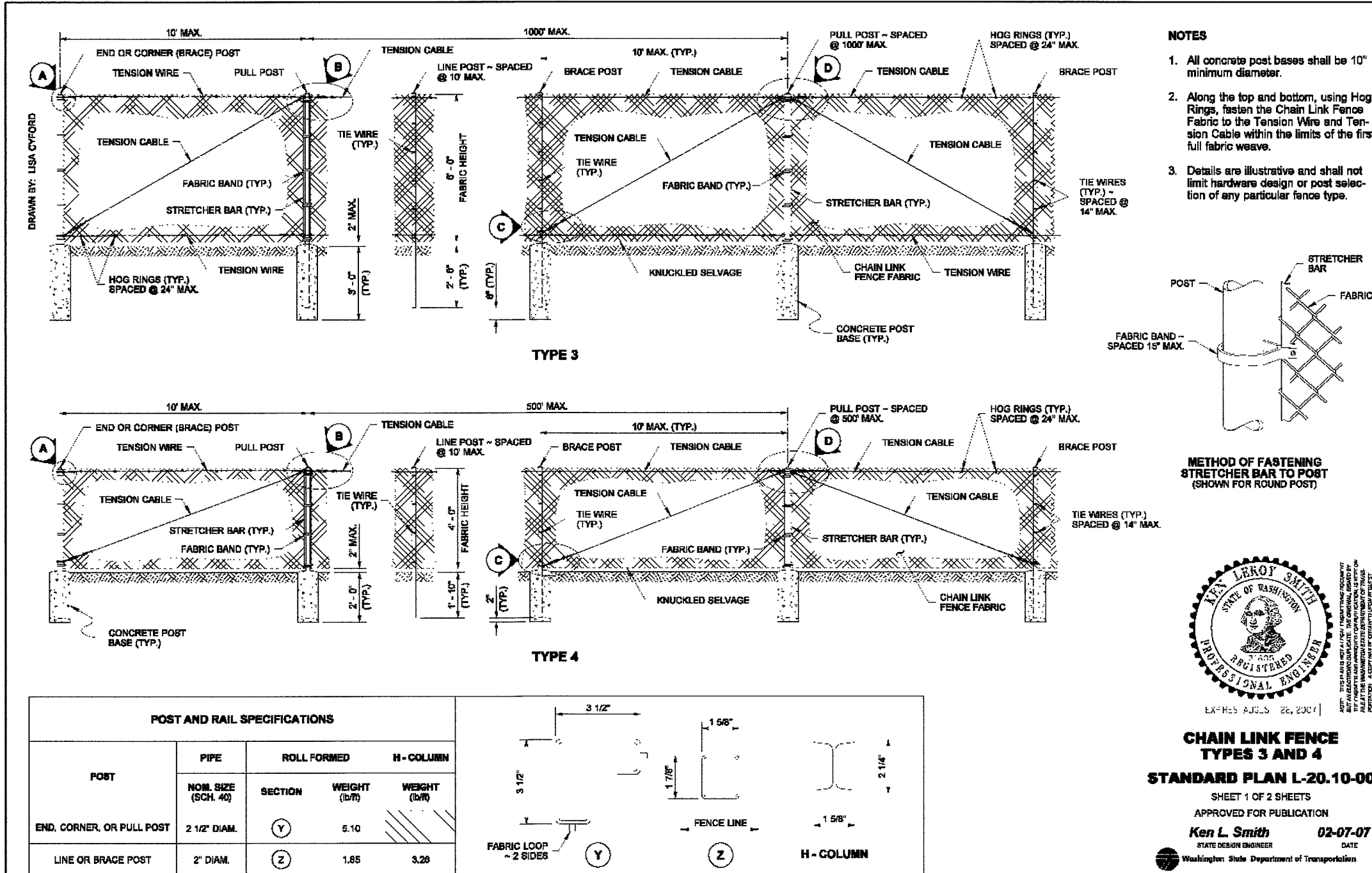
ROAD DETAILS
AS-BUILT DRAWING
SITUATE IN A PORTION OF THE SW 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 39 NORTH, RANGE 2 EAST, W.M., CITY OF FERDALE, WHATCOM COUNTY, WASHINGTON
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JOB #: 2007177
DWLP 2008-03
SHEET C15





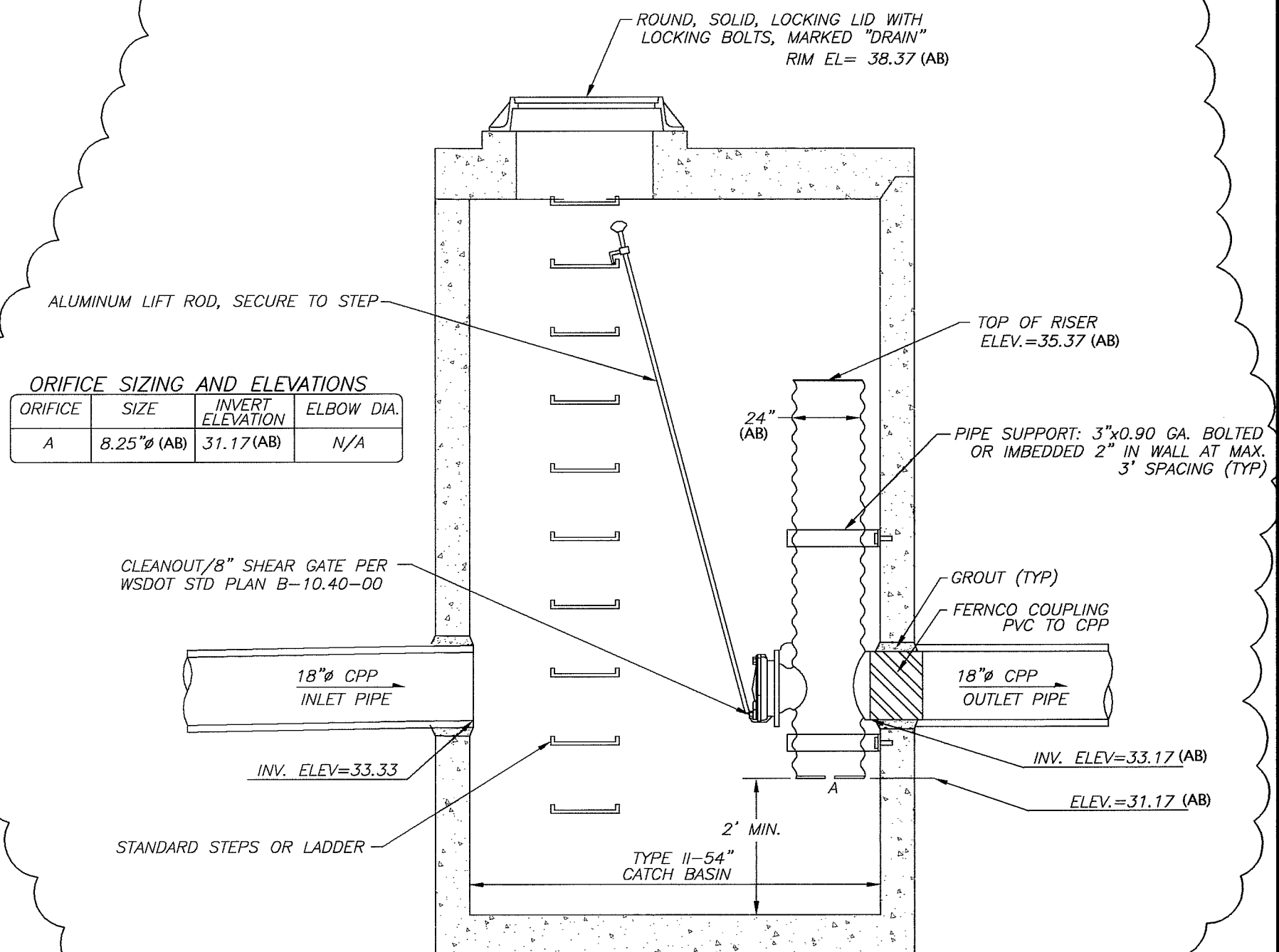
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BIRD CAGE STRUCTURE
NOT TO SCALE

- NOTES:**
- ALL ORIFICES TO BE FABRICATED BY SHOP DRILLING HOLES OF APPROPRIATE DIAMETER IN METAL PLATE, AND WELDING IT INTO PLACE AT THE BOTTOM OF THE MAIN RISER AND THE ELBOW.
 - PIPE SUPPORT BRACKETS AND THE RESTRICTOR/SEPARATOR SHALL BE OF THE SAME MATERIAL, AND BE ANCHORED AT 3' MAXIMUM SPACING.
 - ALL METAL PARTS SHALL BE CORROSION RESISTANT. ALL GALVANIZED STEEL PARTS SHALL BE ASPHALT TREATMENT 1 COATED.
 - THE RESTRICTOR/SEPARATOR STANDPIPE SHALL BE FABRICATED FROM 0.060" ALUMINUM, 0.064" ALUMINIZED STEEL, OR 0.064" GALVANIZED STEEL, IN ACCORDANCE WITH AASHTO M36, M196, M197 AND M274. GALVANIZED STEEL SHALL BE ASPHALT TREATMENT 1 COATED.
 - IF A METAL OUTLET PIPE CONNECTS TO A CEMENT CONCRETE PIPE, THE OUTLET PIPE SHALL HAVE A SMOOTH OUTSIDE DIAMETER EQUAL TO THE INSIDE DIAMETER OF THE CONCRETE PIPE LESS 1/4".
 - THE FRAME AND LADDER (OR STEPS) SHALL OFFSET SO THAT:
A. THE CLEANOUT GATE IS VISIBLE FROM THE TOP.
B. THE CLIMB DOWN CLEAR SPACE OF 2 FEET IS BETWEEN THE RISER AND CLEANOUT GATE.
C. THE FRAME IS CLEAR OF THE CURB. (IF APPLICABLE)

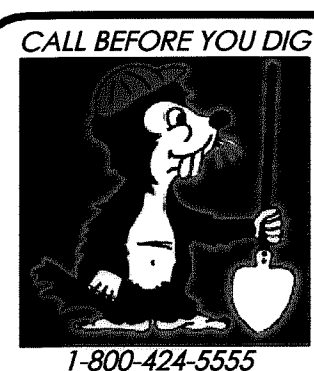


SECTION VIEW
CONTROL STRUCTURE
TYPE II-54"
NOT TO SCALE

APPROVED
JUL 15 2009
BY *[Signature]*
CITY OF FERDALE

AS-BUILT NOTE: ONLY INFORMATION NOTED AS "(AB)" HAS BEEN VERIFIED AND FIELD SURVEYED OR MEASURED DURING CONSTRUCTION.

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ASBUILT:				XREF:								6	AS-BUILT DRAWINGS 05.11.09
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SURVEY REFERENCE		VERTICAL DATUM		PLAN CHECK						REVISIONS			ISSUE

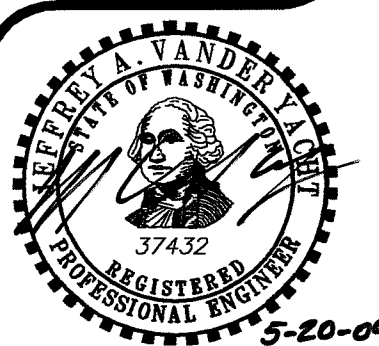


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510 LAKEWAY DRIVE
BELLINGHAM, WA 98225

DRAINAGE DETAILS
AS-BUILT DRAWING

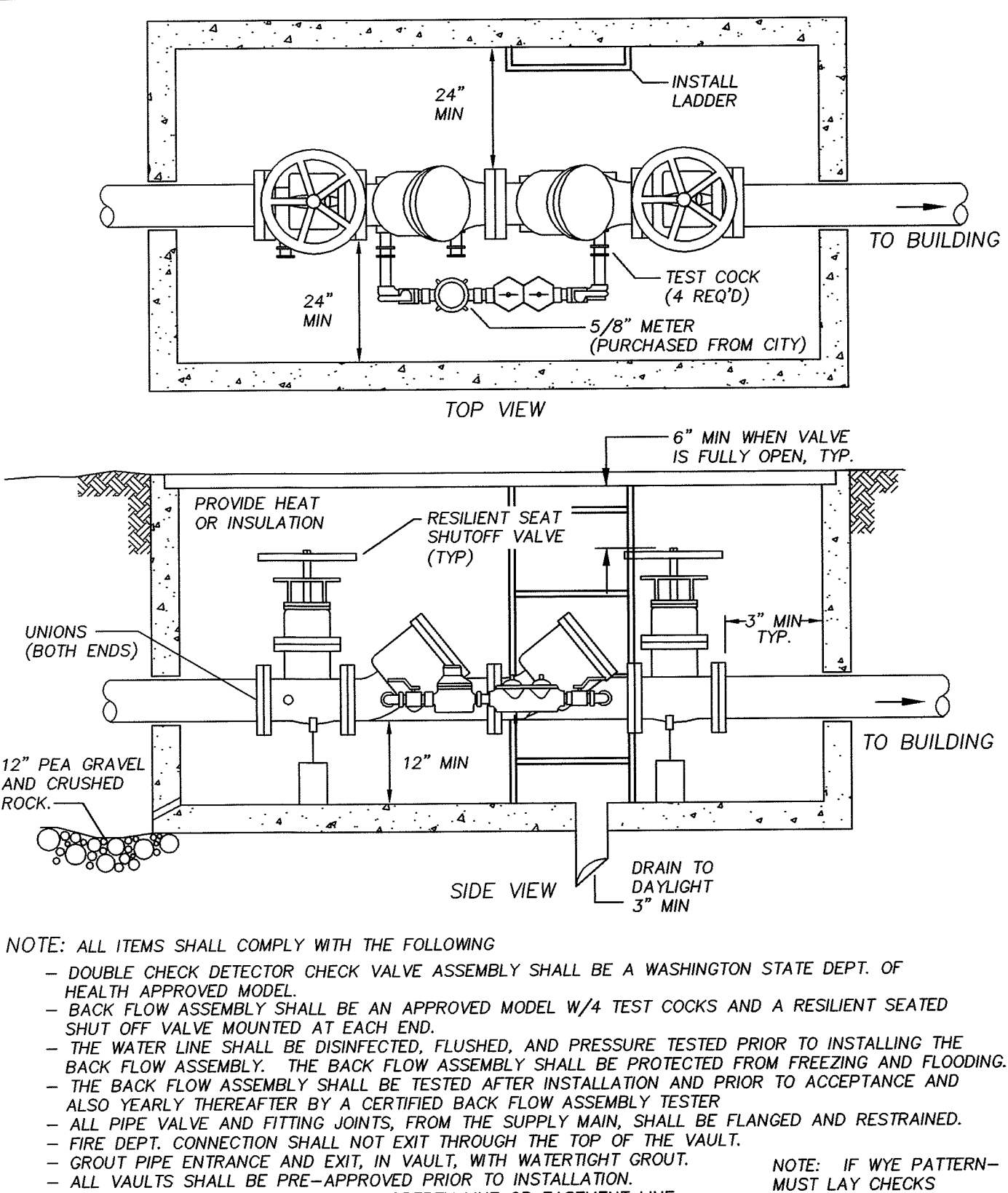
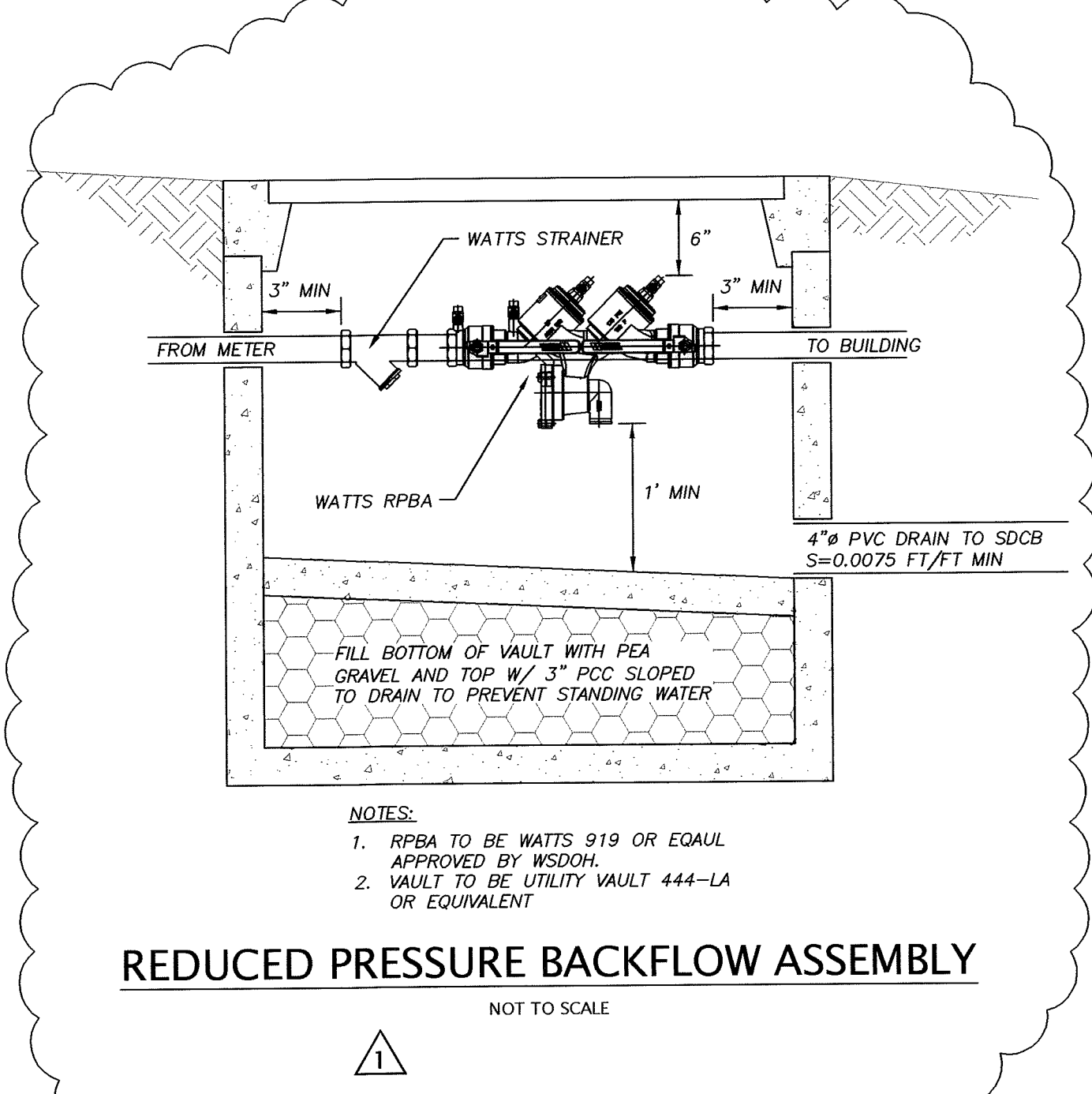
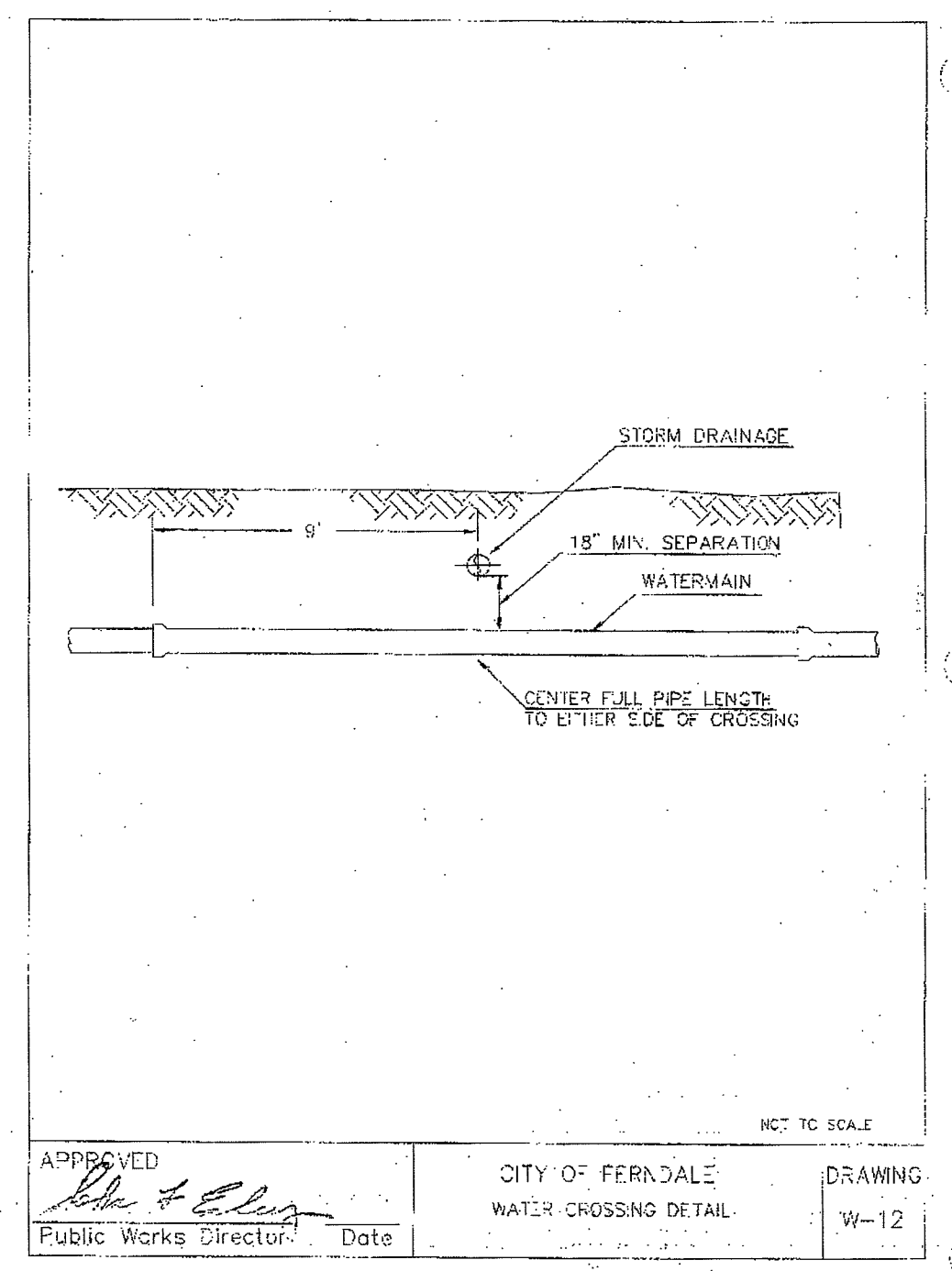
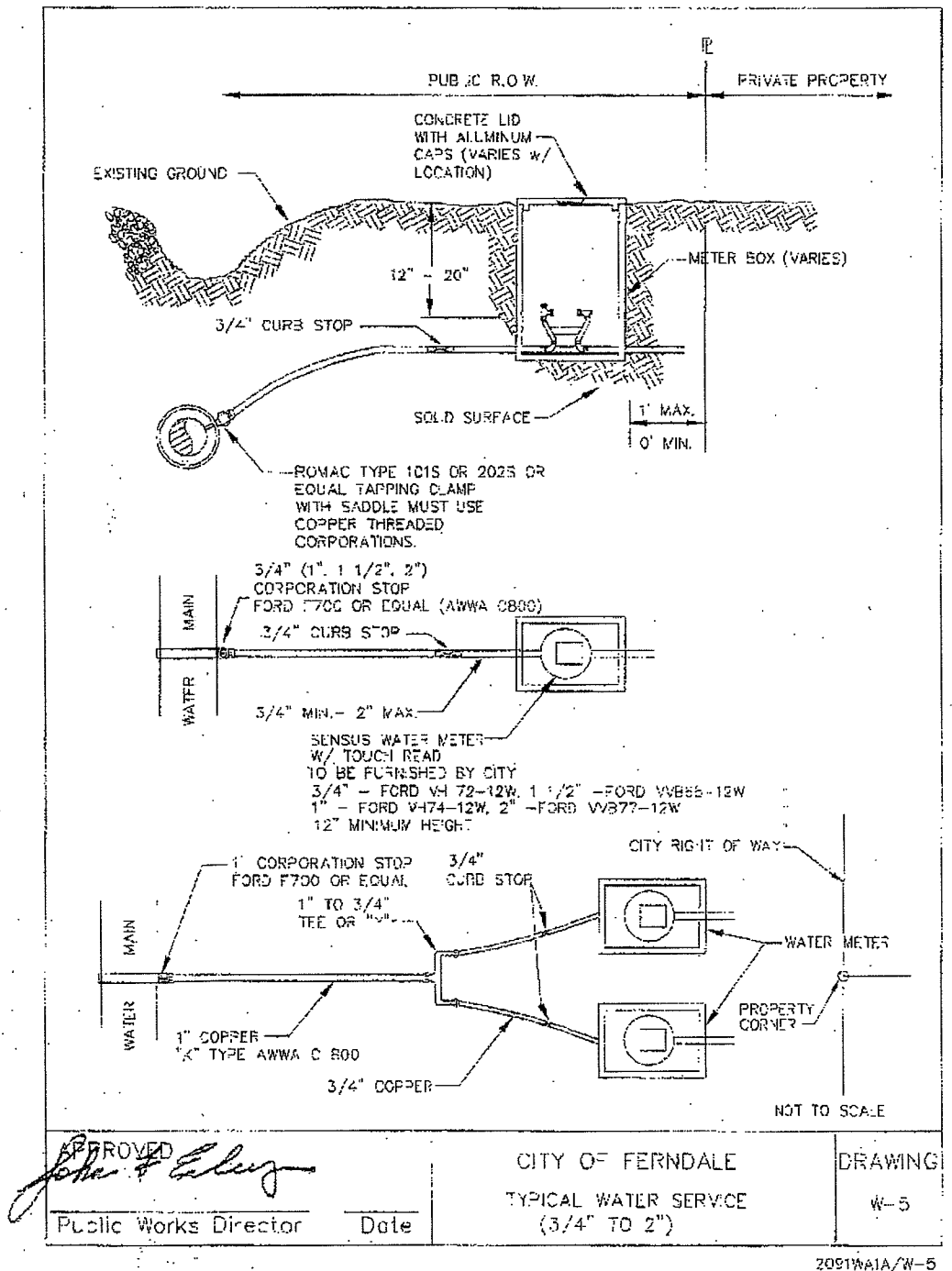
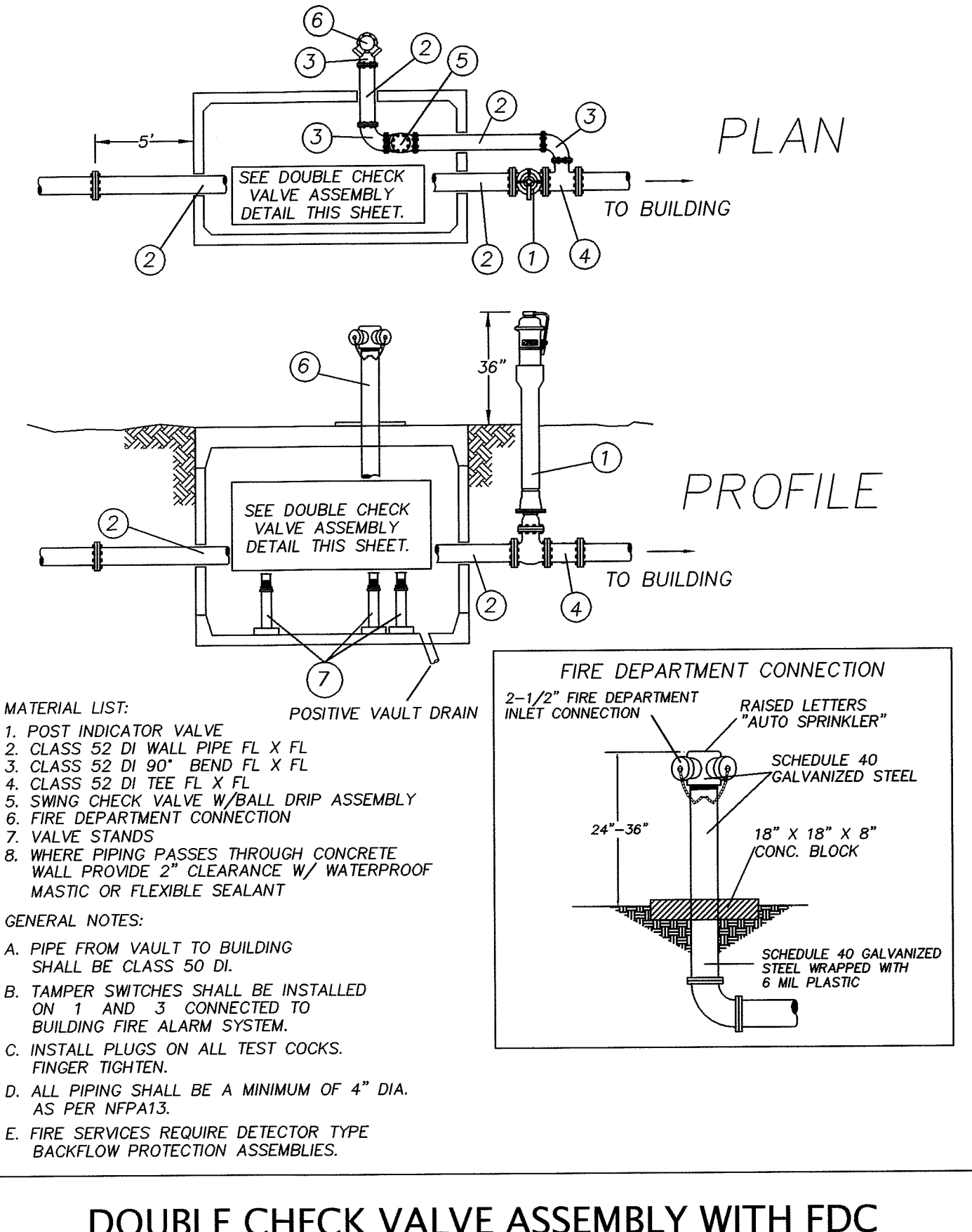
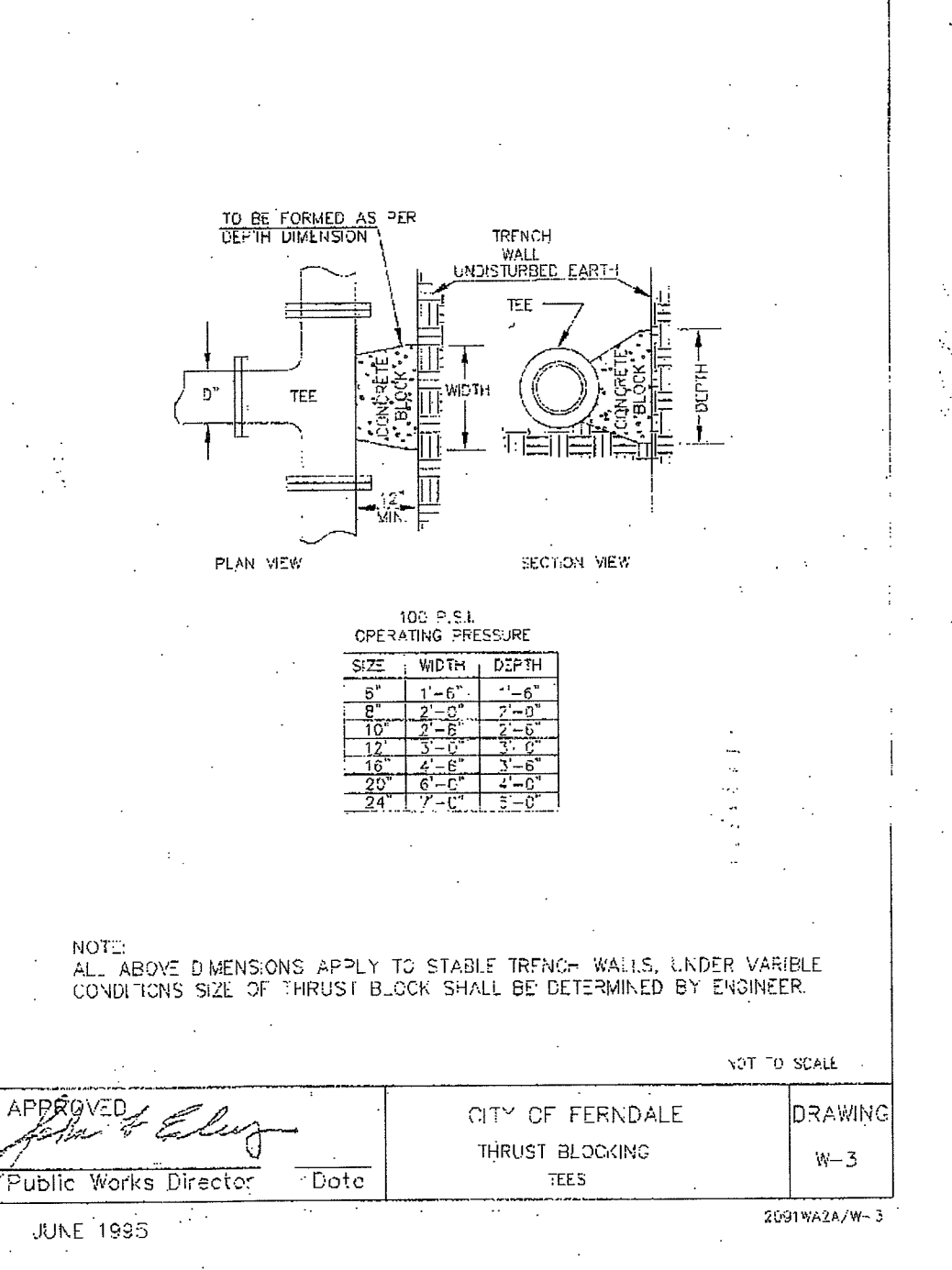
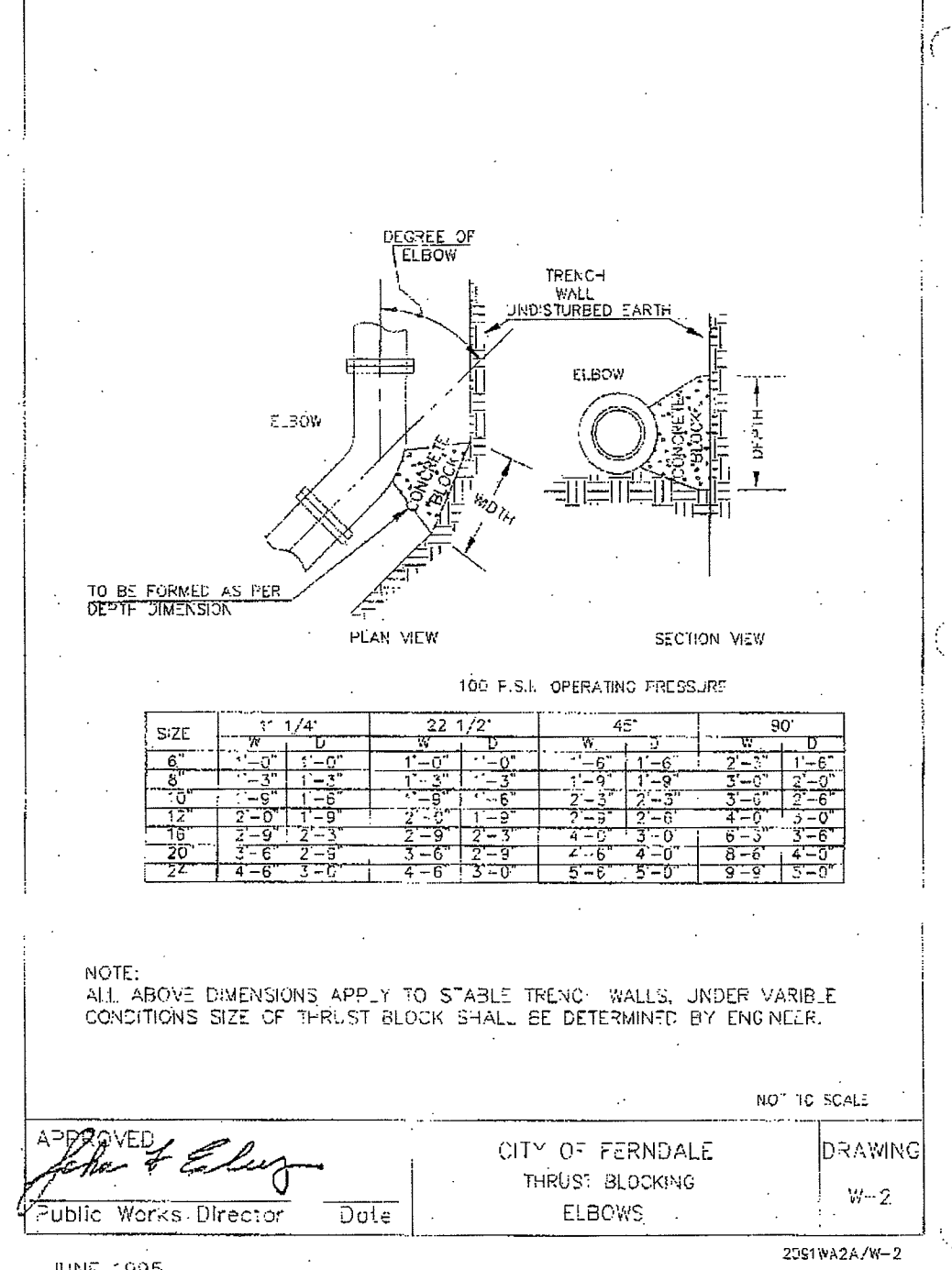
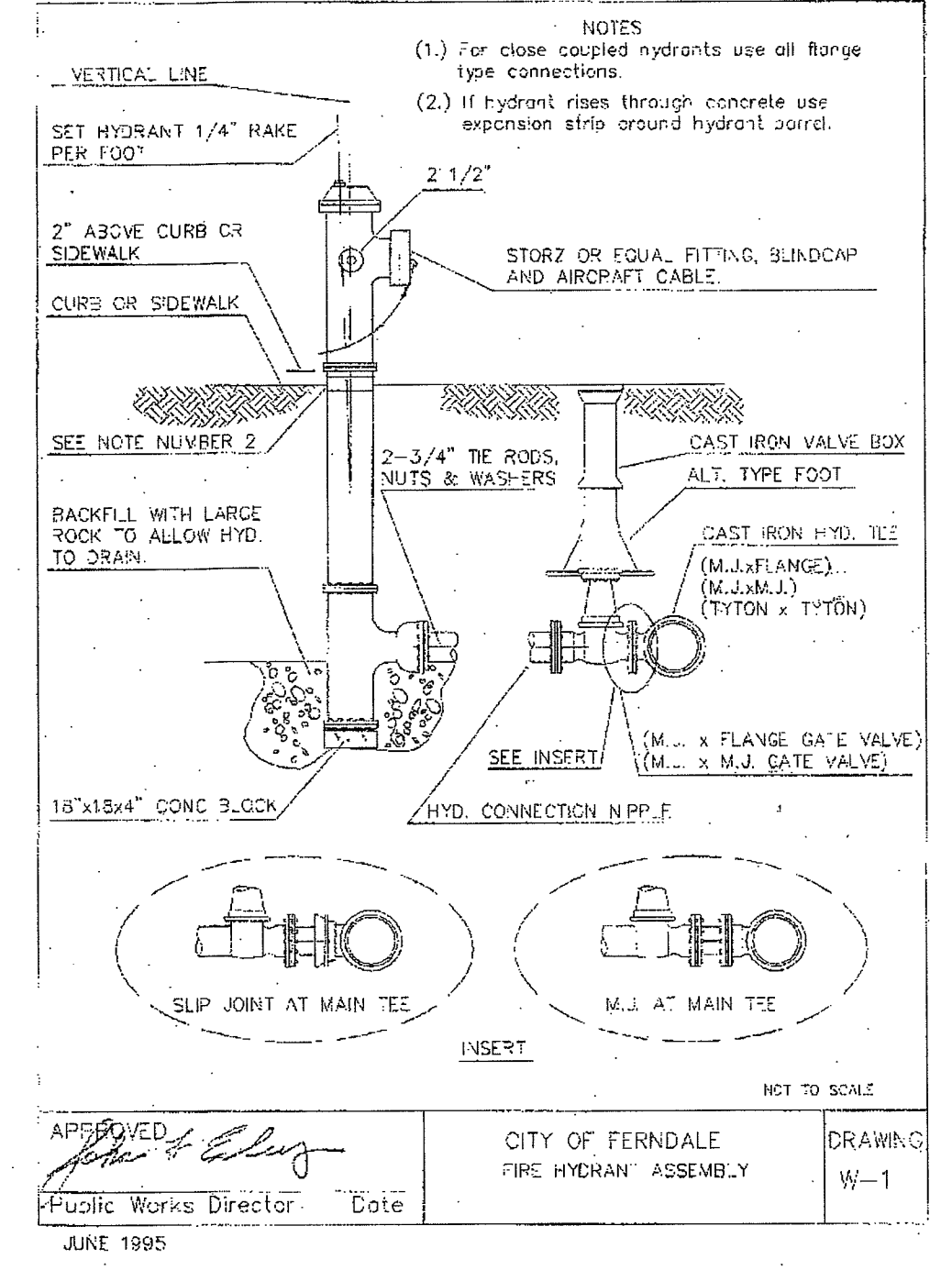
SITUATE IN A PORTION OF THE SW 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 39 NORTH, RANGE 2 EAST, W.M. CITY OF FERDALE, WHATCOM COUNTY, WASHINGTON
~ FERDALE STATION ~
1851 MAIN STREET, FERDALE, WASHINGTON

JOB #: 2007177 DVLP 2008-03 SHEET C16





PACIFIC SURVEY & ENGINEERING INC
1812 CORNWALL, BELLINGHAM, WA 98225 PHONE: 671.7387 FAX: 671.4685
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EMAIL: pse@psurvey.com



APPROVED
JUL 15 2009
BY [Signature]
CITY OF FERNDAL

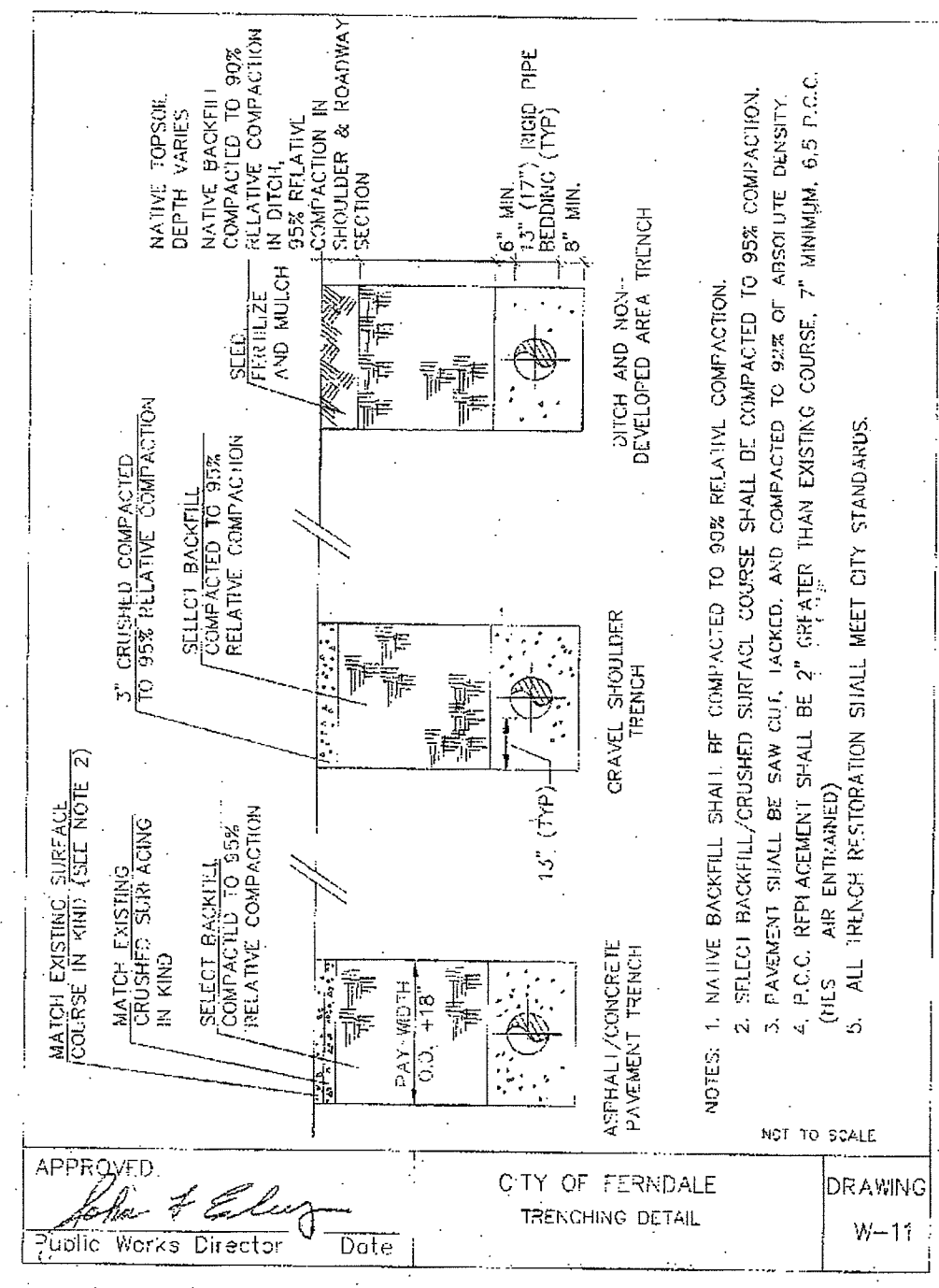
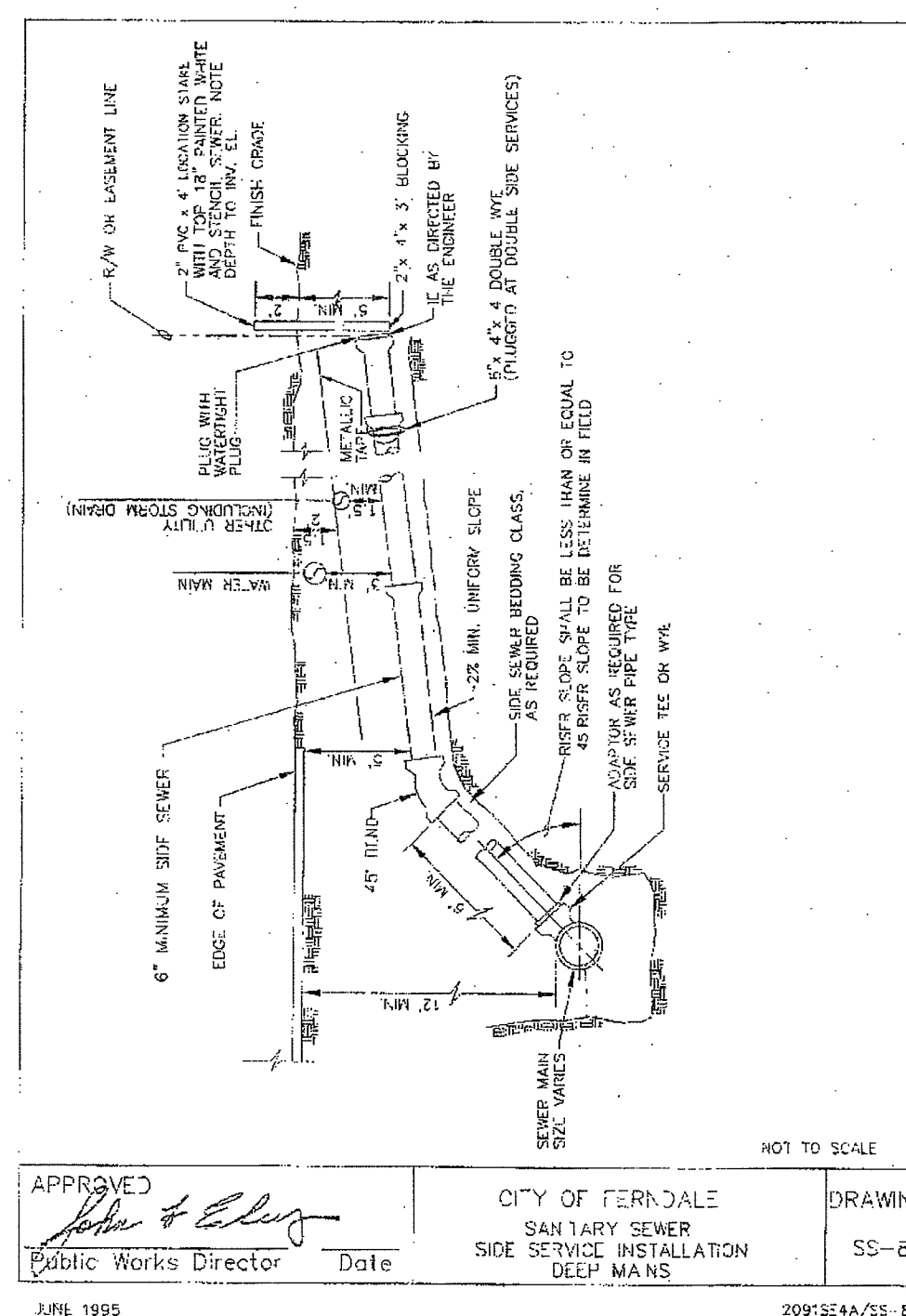
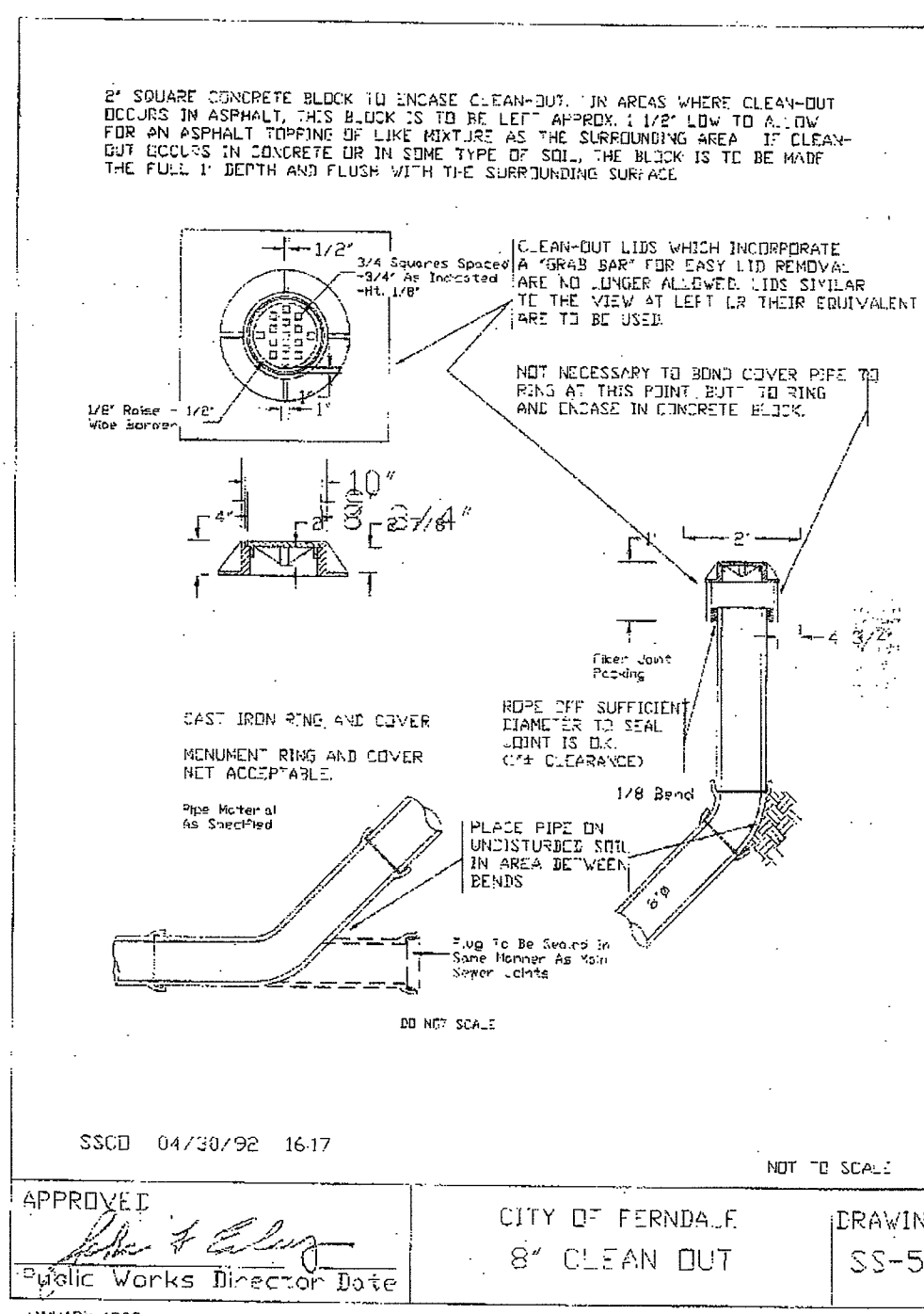
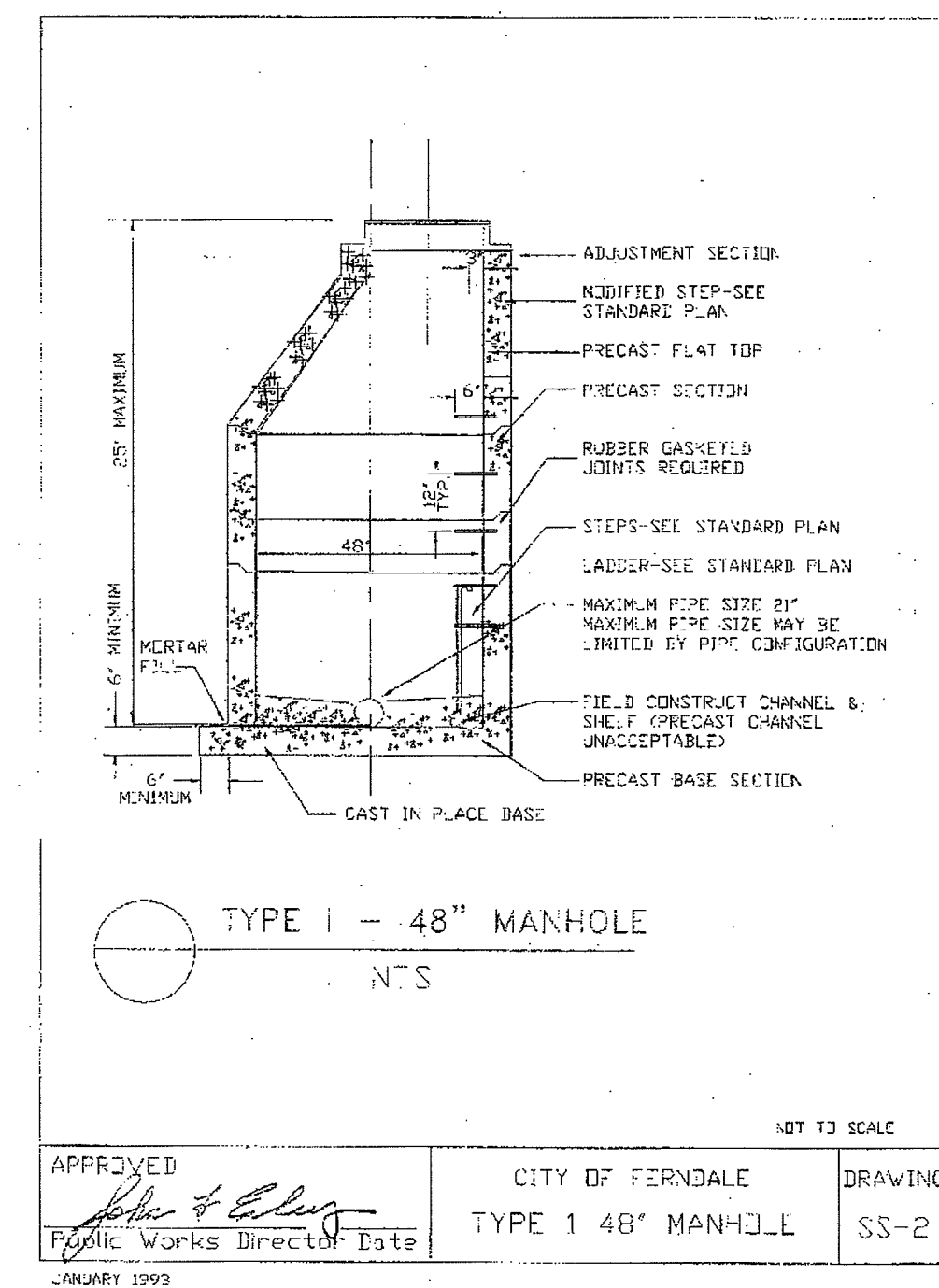
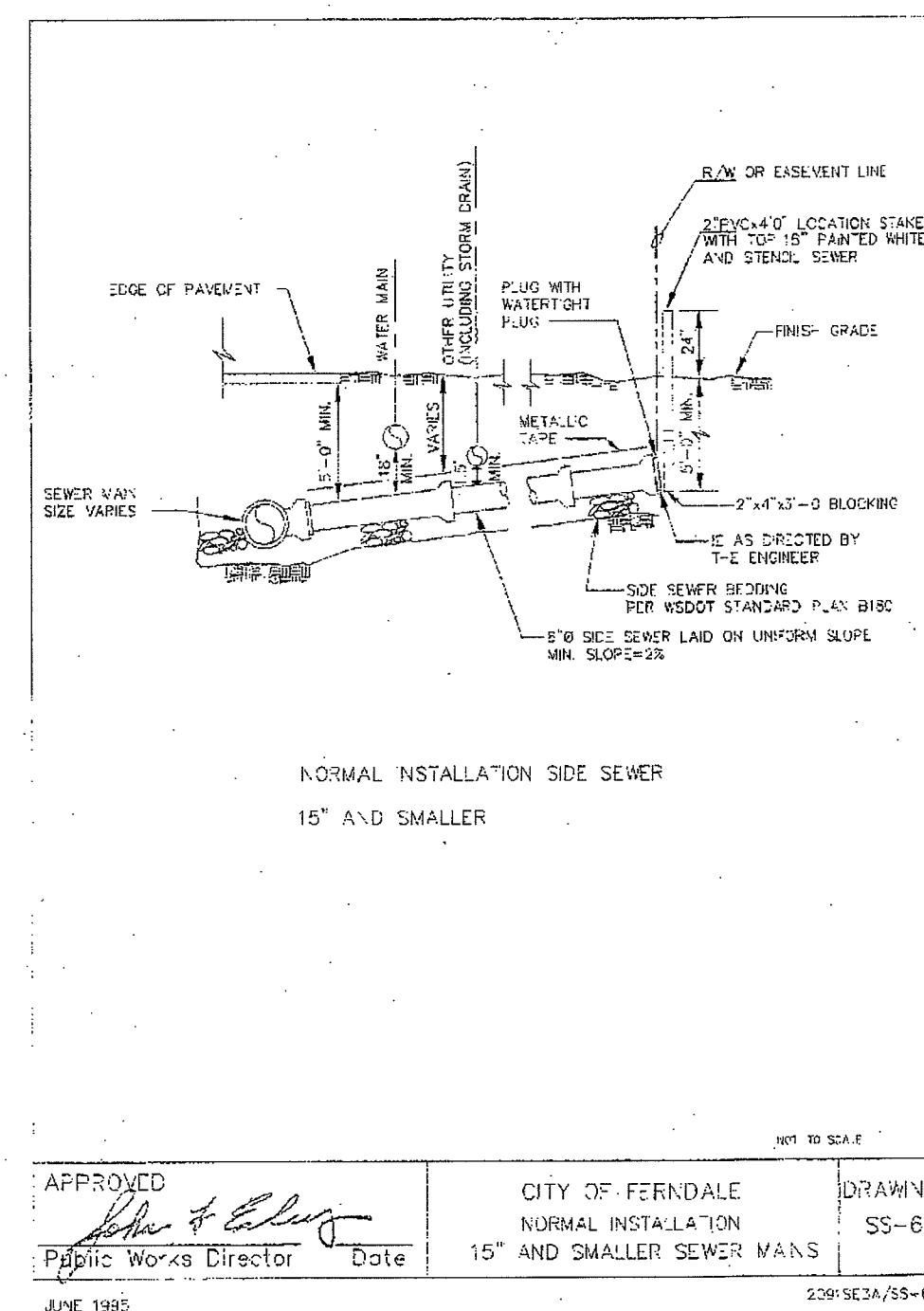
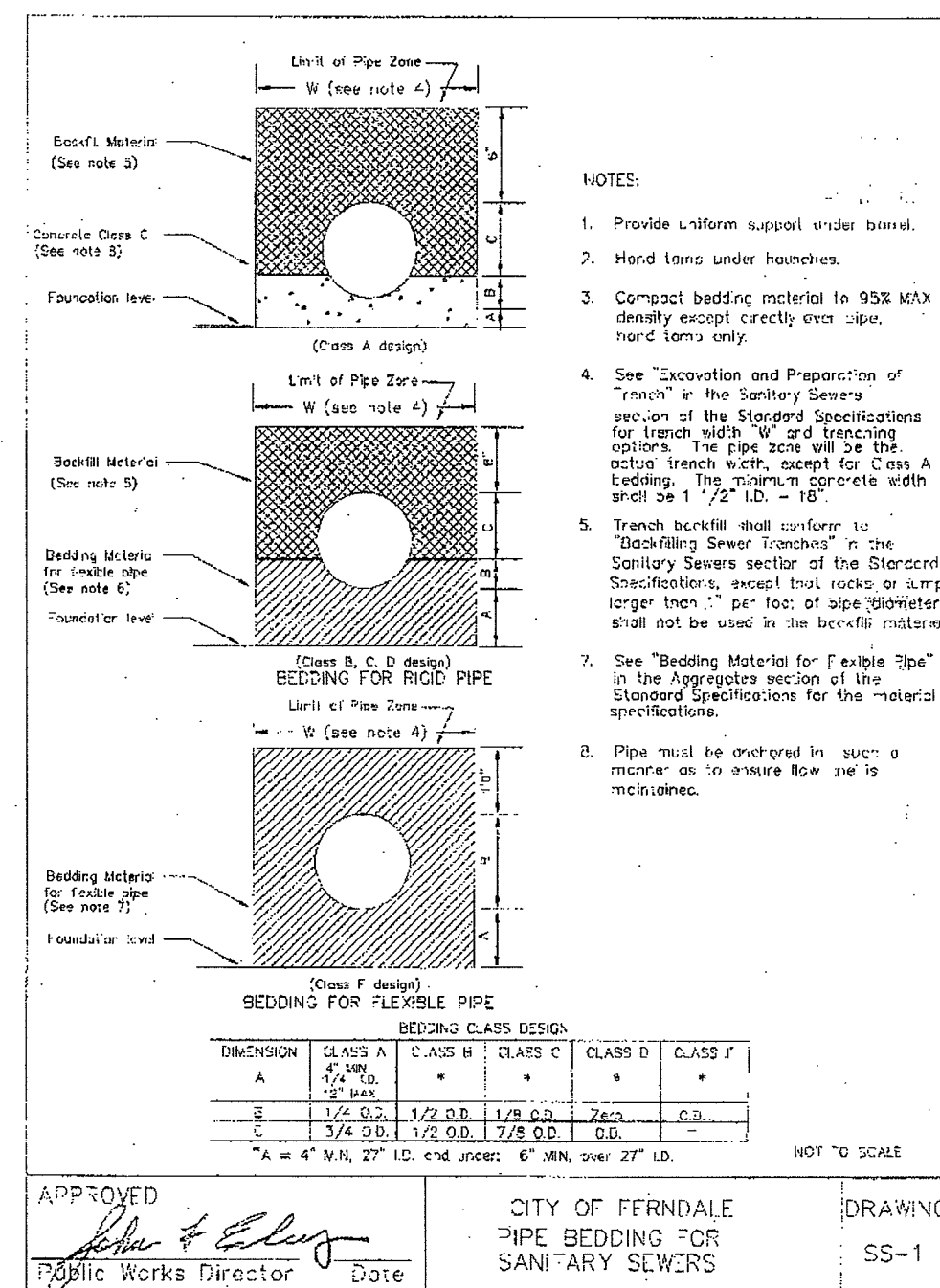
AS-BUILT NOTE: ONLY INFORMATION NOTED AS "(AB)" HAS BEEN VERIFIED AND FIELD SURVEYED OR MEASURED DURING CONSTRUCTION.

DOUBLE CHECK DETECTOR CHECK VALVE ASSEMBLY
NOT TO SCALE

WATER SYSTEM DETAILS
AS-BUILT DRAWING
SITUATE IN A PORTION OF THE SW 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 39 NORTH, RANGE 2 EAST, W.M., CITY OF FERNDAL, WHATCOM COUNTY, WASHINGTON
~ FERNDAL STATION ~
1851 MAIN STREET, FERNDAL, WASHINGTON
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DWLP 2008-03
SHEET C17

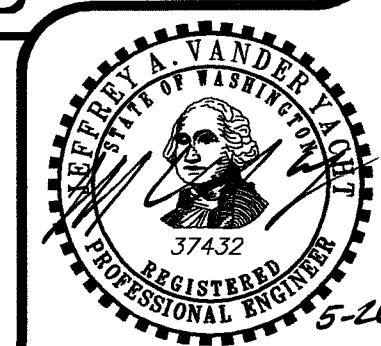


FIELD BOOKS	TBM. NO.	LOCATION	ELEV.	DATA	DRWN BY	CHECKED BY	SCALE	REV	DATE	DESCRIPTION	BY	No.	DATE
DESIGN: 381	381-31-A	SEE SURVEY NOTE #4	36.76	BASE	SJN	AM/SL	HORIZ: 1"=20'	1	06.17.08	GRADING, SD, WA, SS, LOAD DOCK	DG	4	AS-BUILT DRAWINGS 02.02.09
STAKING:				DESIGN			VERT: 1"=2'	2	06.23.08	ELIMINATE HYDRANT & 6" DI.	DG	5	AS-BUILT DRAWINGS 04.24.09
ASBUILT:				XREF:								6	AS-BUILT DRAWINGS 05.11.09
				DWG # ENG_BASE_20x								7	AS-BUILT DRAWINGS 05.20.09
SURVEY REFERENCE								REVISIONS				ISSUE	
VERTICAL DATUM				PLAN CHECK									

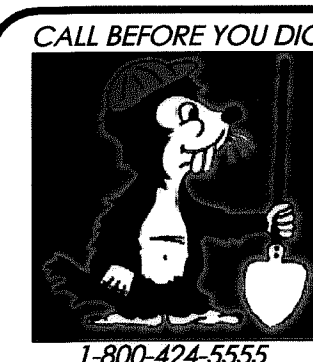


APPROVED
JUL 16 2009
BY J. Niles
CITY OF FERNDALE

AS-BUILT NOTE: ONLY INFORMATION NOTED AS "(AB)" HAS BEEN VERIFIED AND FIELD SURVEYED OR MEASURED DURING CONSTRUCTION.



FIELD BOOKS	TBM. NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	SCALE	REV	DATE	DESCRIPTION	BY	No.	DATE
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SURVEY REFERENCE		VERTICAL DATUM					PLAN CHECK			REVISIONS			ISSUE



KT DEVELOPMENT
510 LAKEWAY DRIVE
BELLINGHAM, WA 98225

SANITARY SEWER & WATER DETAILS
(AS-BUILT DRAWING)

SITUATE IN A PORTION OF THE SW 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 39 NORTH
RANGE 2 EAST, W.M., CITY OF FERNDALE, WHATCOM COUNTY, WASHINGTON

~ FERNDALE STATION ~

1851 MAIN STREET, FERNDALE, WASHINGTON

JOB #: 2007177

DVLP 2008-03

SHEET C18



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GENERAL REQUIREMENTS

- ALL WORK AND MATERIALS SHALL CONFORM TO THESE PLANS AND TO THE REQUIREMENTS OF THE MOST CURRENT EDITION OF THE STATE OF WASHINGTON, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. WORK AND MATERIALS SHALL ALSO CONFORM TO THE CITY OF FERDALE DEVELOPMENT STANDARDS. IN CASE OF A CONFLICT BETWEEN PLANS, REGULATORY STANDARDS OR SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT WILL PREVAIL.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY 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 CONSTRUCTION DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
- THE CONTRACTOR SHALL OBTAIN REVOCABLE ENCROACHMENT PERMITS FROM THE CITY OF FERDALE AND WHATCOM COUNTY PRIOR TO COMMENCING WORK WITHIN PUBLIC RIGHTS-OF-WAY.
- THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH REPRESENTATIVES OF THE CITY OF FERDALE PUBLIC WORKS DEPARTMENT AND THE PROJECT ENGINEER A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
- ALL WORK AND MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE CITY OF FERDALE. REPRESENTATIVES FROM THE CITY OF FERDALE 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 BACKFILLING OF WATER MAIN TRENCH WITHIN ROAD RIGHTS-OF-WAY OR IN WATERLINE EASEMENTS TO BE DEDICATED TO THE CITY OF FERDALE
 - PLACEMENT AND BACKFILLING OF UNDERGROUND UTILITIES, STORM SEWER AND SANITARY SEWER WITHIN ROAD RIGHTS-OF-WAY OR IN EASEMENTS TO BE DEDICATED TO THE CITY OF FERDALE.
 - GRADING OF PUBLIC ROADWAY AT:
 - COMPLETION OF EXCAVATION TO SUBGRADE
 - COMPLETION OF BALLAST COURSE PLACEMENT
 - COMPLETION OF CRUSHED SURFACING COURSE PLACEMENT
 - POURING OF CURB AND GUTTER AND SIDEWALK IN PUBLIC ROADWAY
 - ASPHALT PAVING IN PROGRESS IN PUBLIC ROADWAY
 - OVERALL INSPECTION FOR FINISHED SHOULDERS, DITCHES, PERMANENT SEEDING AND MONUMENT PLACEMENT
 - 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. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING SUB-SURFACE CONDITIONS AND SOILS TYPES.
- 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-TRAFFIC CONTROL, SHALL APPLY.
- A COPY OF THESE APPROVED PLANS MUST BE ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- THE CONTRACTOR SHALL INFORM THE ENGINEER AND OBTAIN APPROVAL FROM THE CITY OF FERDALE PUBLIC WORKS DIRECTOR OF ANY PROPOSED DEVIATIONS FROM THE APPROVED PLANS PRIOR TO CONSTRUCTION OF THE REVISED IMPROVEMENTS. THE CONTRACTOR SHALL KEEP RECORDS OF ALL DEVIATIONS AND SHALL FORWARD THEM TO THE ENGINEER AND TO THE CITY OF FERDALE PUBLIC WORKS DEPARTMENT.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE BASED UPON A COMBINATION OF FIELD RECONNAISSANCE, FIELD SURVEY AND UTILITY COMPANY RECORDS AND ARE SHOWN ON THESE PLANS IN AN APPROXIMATE WAY ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL OF THE VARIOUS UTILITY COMPANIES TO ARRANGE FOR FIELD LOCATIONS OF ALL EXISTING UTILITY FACILITIES PRIOR TO STARTING CONSTRUCTION. NO EXTRA COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR COSTS INCURRED BECAUSE OF DAMAGE DONE TO EXISTING FACILITIES BY THE CONTRACTOR'S WORK FORCE, INCLUDING COSTS FOR REPAIRS, WHICH WILL BE CONTRACTOR'S SOLE RESPONSIBILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF ALL EXISTING UTILITIES AND TO NOTIFY THE ENGINEER PROMPTLY OF ANY CONFLICT BETWEEN THE APPROVED PLANS AND THE LOCATION OF ANY EXISTING UTILITIES. THE CONTRACTOR SHALL CONTACT UTILITY LOCATION SERVICE AT LEAST 48 HOURS PRIOR TO STARTING CONSTRUCTION. PHONE: 1-800-424-5555.
- THE CONTRACTOR SHALL PROTECT ALL PRIVATE AND PUBLIC UTILITIES FROM DAMAGE RESULTING FROM THE WORK. CONTRACTOR SHALL RESTORE ALL PRIVATE AND PUBLIC PROPERTY DISRUPTED BY THE PROJECT IMMEDIATELY AFTER CONSTRUCTION.
- 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 BETWEEN ACTUAL FIELD CONDITIONS AND THE ASSUMED CONDITIONS SHOWN ON THE APPROVED PLANS PRIOR TO PROCEEDING WITH CONSTRUCTION. THAT NECESSARY PLAN OR DESIGN CHANGES CAN BE MADE. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR EXTRA WORK, INCLUDING REMOVAL AND RECONSTRUCTION OF NEWLY BUILT IMPROVEMENTS, MADE NECESSARY BY ERRORS OF DIMENSION OR GRADE ON THE APPROVED PLANS, UNLESS SUCH NOTIFICATION WAS GIVEN.
- THROUGHOUT THE PERIOD OF CONSTRUCTION, CONTRACTOR SHALL COMPLY WITH THE TERMS OF ALL PERMITS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL MEASURES THROUGHOUT THE DURATION OF THE PROJECT. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CLEARING OR GRADING.
- ALL MATERIALS TESTING REQUIREMENTS FOR THE IMPROVEMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PERFORMED IN ACCORDANCE WITH THE INSTRUCTIONS OF THE CITY OF FERDALE PUBLIC WORKS DIRECTOR. CONTRACTOR SHOULD DETERMINE THESE REQUIREMENTS PRIOR TO THE START OF CONSTRUCTION.
- ALL PORTLAND CEMENT CONCRETE SHALL BE APWA CLASS 3000, PER APWA STANDARD SPECIFICATIONS, SECTION 6-02.3(2)(b).
- UNDERGROUND UTILITIES CONSTRUCTION
 - THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE ENGINEER TO ASSURE ACCURATE AND TIMELY COLLECTION OF ALL REQUIRED AS-BUILT DATA. THIS DATA MUST ACCURATELY REFLECT THE LOCATIONS OF ALL UNDERGROUND UTILITIES, BOTTOM OF PIPE ELEVATIONS, INVERT ELEVATIONS, MANHOLE LOCATIONS, BLOW-OFF LOCATIONS AND INVERTS OF SERVICE CONNECTIONS (BOTH AT PIPE AND AT PROPERTY LINE), VERTICAL AND HORIZONTAL BENDS, SERVICE BOXES AND METERS, VALVES AND HYDRANTS. CALL AT LEAST 48-HOURS BEFORE BURYING UNDERGROUND PIPE TO ASSURE AND FACILITATE REQUIRED AS-BUILT SURVEY. THE ENGINEER WILL PROVIDE CERTIFIED AS-BUILT MYLARS TO PUBLIC WORKS UPON PROVISIONAL ACCEPTANCE OF ROAD AND UTILITY IMPROVEMENTS.
 - THE CONSTRUCTION OF UNDERGROUND UTILITY LINES SHALL BE SUBJECT TO THE FOLLOWING CRITERIA:
 - NO MORE THAN 500 FEET OF TRENCH SHALL BE OPENED AT ONE TIME.
 - WHERE CONSISTENT WITH SAFETY AND SPACE CONSIDERATIONS, EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF DITCHES.
 - TRENCH DEWATERING DEVICES SHALL DISCHARGE INTO SEDIMENT TRAPS OR SEDIMENT PONDS.
 - WHERE PRACTICAL, INSTALL GRAVITY PIPE UTILITIES PRIOR TO INSTALLATION OF OTHER UTILITIES.
 - UTILITY CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF FERDALE DEVELOPMENT STANDARDS.
 - TESTING OF NEW WATER LINES, SANITARY SEWER LINES, AND STORM SEWER SYSTEMS SHALL NOT BE PERFORMED UNTIL ALL OTHER ADJACENT UTILITIES HAVE BEEN INSTALLED.

ROAD

- THE FOLLOWING STANDARD DETAILS SHALL BE USED FOR CONSTRUCTION OF THE STANDARD STREET SECTION:

TYPICAL STREET SECTION PCC CURB AND GUTTER PCC SIDEWALKS PCC CURB RAMPS, ADA APPROACHES SIDEWALK DRAINS MONUMENTS	TYPICAL SECTION ON SHEET 1 OF THESE PLANS CITY OF FERDALE STANDARD DETAIL (COFSD) R-9 COFSD R-12 & TYP. SECTION ON SHEET 1 WSDOT STD. DETAIL F-40-16.00 COFSD ST-15 COFSD S-2
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- ALTERNATE PAVEMENT SECTIONS, WHEN DESIGNED BY A LICENSED GEOTECHNICAL ENGINEER, MAY BE SUBMITTED TO THE CITY OF FERDALE PUBLIC WORKS DIRECTOR FOR CONSIDERATION AND, IF APPROVED, USED IN PLACE OF THE PAVEMENT SECTION SHOWN ON THESE PLANS.
- PROJECT SURVEYOR OR THEIR DESIGNEE SHALL SURVEY THE ELEVATION OF THE COMPLETED SUBGRADE ALONG THE ROADWAY CENTERLINE AT 25-FOOT INTERVALS. THE PROJECT SURVEYOR SHALL SUBMIT THE SURVEY DATA TO THE CITY OF FERDALE AND THE ENGINEER FOR REVIEW. ALL SUBGRADE ELEVATIONS SHALL BE AT OR BELOW THE DESIGN SUBGRADE ELEVATION. NO TOLERANCE IS PROVIDED FOR SUBGRADE ABOVE THE DESIGN SUBGRADE ELEVATION. OTHER METHODS OF SUBGRADE CERTIFICATION MAY BE USED IF MUTUALLY AGREED UPON BY THE CITY, CONTRACTOR, AND ENGINEER.
- ROADWAY EXCAVATION WITHIN THE ROADWAY PRISM SHALL BE CUT TO A UNIFORM GRADE. THE COMPLETED SUBGRADE SURFACE SHALL NOT VARY MORE THAN 0.10-FOOT FROM THE LOWER EDGE OF A 15-FOOT STRAIGHTEDGE PLACED ON THE SUBGRADE PARALLEL TO THE CENTERLINE UNLESS APPROVED BY THE ENGINEER.
- EARTHWORK
 - 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 REMOVE AND REPLACE ALL EXISTING UNCOMPACTED OR POORLY COMPACTED FILL SOILS WITHIN THE ROAD PRISM AT THE DIRECTION OF THE ENGINEER.
 - 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 USE AS A SUB-GRADE SHALL BE EXCAVATED TO THE BOUNDARIES SET BY THE ENGINEER AND REPLACED WITH A SUITABLE BACKFILL MATERIAL.
 - THE ENGINEER IS REQUIRED TO CERTIFY SUBGRADE, IN WRITING, PRIOR TO PAVING.
- BASE COURSES
 - GRAVEL BASES AND BALLAST SHALL NOT HAVE THE PERCENT PASSING THE U.S. NO. 200 SIEVE EXCEED 5%.
 - BALLAST, GRAVEL BASE AND CRUSHED SURFACING SHALL BE COMPACTED TO AT LEAST 95% OF MAXIMUM DRY DENSITY.
 - OWNER SHALL BE RESPONSIBLE FOR ALL COMPACTION TESTING. ALL TESTING SHALL BE THROUGH ENG. REV. ACCOUNT AND PAID FOR BY OWNER.
- PAVEMENTS
 - 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.
 - WHERE NEWLY CONSTRUCTED PAVING MEETS EXISTING PAVING, THE APPLICANT SHALL PROVIDE A SMOOTH TRANSITION FROM EXISTING TO PROPOSED PAVING. CONTRACTOR SHALL COLD PLANE PER DIMENSIONS SPECIFIED ON THE PLANS, AND INSTALL A MINIMUM 12-INCH WIDE CONTECH PAVE-PREP, OR EQUIVALENT, OVER JOINT BETWEEN PAVING LIFTS.
 - ALL PAVEMENT MARKINGS SHALL CONFORM TO THE REQUIREMENTS OF THE MUTCD.
- STREET LIGHTING
 - CONTRACTOR SHALL PROVIDE STREET ILLUMINATION IN ACCORDANCE WITH THE PROVISIONS OF SECTION 707 OF THE CITY OF FERDALE DEVELOPMENT STANDARDS. 100-WATT HIGH PRESSURE SODIUM LAMPS SHALL BE INSTALLED ON STANDARD CONCRETE OCTAGONAL OR ROUND POLES NO LESS THAN 25 FEET HIGH AND SPACED NO MORE THAN 250' APART, MEASURED ALONG THE PAVEMENT CENTERLINE. POLE LOCATIONS ARE SHOWN ON THESE PLANS.
 - FINAL LOCATIONS OF STREET LIGHTS IS TO BE COORDINATED WITH PUGET SOUND ENERGY.
 - CONTRACTOR IS TO COMPLY WITH THE SPECIFICATIONS SHOWN ON WSDOT STANDARD DETAIL J-11A, STANDARD JUNCTION BOX, UNLESS OTHERWISE DIRECTED BY THE CITY OF FERDALE PUBLIC WORKS DIRECTOR.
 - CONTRACTOR MUST INFORM THE CITY OF FERDALE PUBLIC WORKS DIRECTOR OF A PROPOSED CONNECTION AT LEAST FOUR (4) WORKING DAYS IN ADVANCE.
- MAILBOXES
 - MAILBOX STRUCTURES SHALL BE IN ACCORDANCE WITH DETAIL SHEET 15. FINAL LOCATION AS DETERMINED BY USPS AND APPROVED BY CITY OF FERDALE.
 - MAILBOXES SHALL BE TYPE I, II, AND/OR III - CBU (CENTRAL BOX UNIT), USPS APPROVED.
- STRIPING
 - ALL PAVEMENT STRIPING SHALL BE MMA (METHYL METHACRYLATE) 30 MIL, SINGLE COAT.

SANITARY SEWER

- THE FOLLOWING STANDARD DETAILS SHALL BE USED IN CONSTRUCTING SANITARY SEWER IMPROVEMENTS:

PIPE BEDDING TRENCH BACKFILL SS MANHOLE, TYPE 1-48" SSM RING & COVER, TYPE 2 SS CLEANOUTS SIDE SEWERS	CITY OF FERDALE STANDARD DETAIL (COFSD) SS-1 COFSD SS-15 & SS-1 & WSDOT STD. SPEC. SEC. 9-03.12 COFSD SS-2 COFSD SS-9 (BOLT DOWN/WATERTIGHT) COFSD SS-5 COFSD SS-6, SS-8 & SS-13
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- ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH A.P.W.A. STANDARD SPECIFICATIONS, 1996 EDITION, AND SHALL BE SUBJECT TO APPROVAL BY THE CITY OF FERDALE.
- ALL WORK MUST BE INSPECTED TO THE SATISFACTION OF THE CITY OF FERDALE. 24 HOUR NOTICE MUST BE GIVEN PRIOR TO STARTING WORK. TESTING OF THE SEWER SYSTEM AND ALL CONNECTIONS TO EXISTING MAINS SHALL BE DONE IN THE PRESENCE AND UNDER THE SUPERVISION OF A CITY OF FERDALE REPRESENTATIVE.
- SANITARY SEWER MAINS SHALL BE A MINIMUM 8 INCH DIAMETER PVC PIPE (SDR-35) CONFORMING TO THE PROVISIONS OF ASTM D 3034 AND INSTALLED TO CITY SPECIFICATIONS.
- SANITARY SEWER PIPE BEDDING SHALL BE PEA GRAVEL PER COFSD SS-1. ALL TRENCHES SHALL BE BACKFILLED WITH CLASS B BANK RUN GRAVEL OR SUITABLE NATURAL MATERIAL AS DIRECTED BY THE ENGINEER, AND COMPACTED TO 95% MODIFIED PROCTOR DENSITY.
- ALL MANHOLES SHALL BE INSTALLED PER CITY OF FERDALE SS-2, SS-3 OR SS-4, AND SHALL BE PRE-CHANNELED. MANHOLE CONES ARE TO BE OFFSET SUCH THAT LADDER RUNGS ARE PARALLEL TO THE FLOW.
- ALL SIDE SEWERS SHALL BE INSTALLED PER CITY OF FERDALE STANDARD DETAILS SS-6, SS-8 OR SS-13, EXCEPT THAT SINGLE SIDE SEWERS SHALL HAVE A MINIMUM DIAMETER OF 4".
- CONTRACTOR SHALL EXTEND SEWER STUBS 5 FEET BEYOND UTILITY CORRIDOR OR 15 FEET BEYOND RIGHT-OF-WAY LINE.
- EACH SIDE SEWER STUB SHALL BE CAPPED WITH A WATERTIGHT PLUG. EACH STUB SHALL BE MARKED FOR LOCATION WITH A 2" DIA. PVC PIPE (MIN. SCHEDULE 40) WITH THE TOP 18" PAINTED GREEN AND STENCILED WITH THE WORD "SEWER" AND THE PIPE INVERT INDICATED. THE LOCATION MARKER SHALL BE CONNECTED TO THE SERVICE STUB BY A #12 COPPER WIRE.

STORM DRAINAGE

- THE FOLLOWING STANDARD DETAILS SHALL BE USED FOR CONSTRUCTION OF STORM DRAIN IMPROVEMENTS:

"MAIN LINE" CATCH BASINS "RESIDENTIAL SERVICE LINE" CATCH BASINS THRU-CURB INLET FRAME AND GRATE SIDEWALK DRAINS	TYPE 1, 1L OR 2, WSDOT STD. DETAILS B-5.20-00 B-5.40-00 OR B-10.20-00 CITY OF FERDALE STANDARD DETAIL (COFSD) ST-7 CITY OF FERDALE STANDARD DETAIL (COFSD) ST-8 COFSD ST-15
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- ALL PIPE AND APPURTENANCES SHALL BE LAID ON A PROPERLY PREPARED FOUNDATION IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATIONS SECTION 7-08.3(1). 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. DRAINAGE MATERIALS SHALL CONFORM TO WSDOT STANDARD SPECIFICATIONS SECTION 9-05.
- STORM SEWER PIPE HAVING DIAMETERS GREATER THAN 8" SHALL BE CORRUGATED POLYETHYLENE PIPE (CPPE) AND SHALL CONFORM TO WSDOT STANDARD SPECIFICATIONS; SECTION 9-05.20. STORM SEWER PIPE HAVING DIAMETERS 8" AND SMALLER SHALL BE POLYVINYL CHLORIDE (PVC) PIPE AND SHALL CONFORM TO WSDOT STANDARD SPECIFICATIONS, SECTION 9-05.12.
- BACK OF WALK DRAIN SHALL BE 4" SMOOTH WALL PERFORATED PVC PIPE, ASTM D 3034 SDR35, INSTALLED IN CUT SECTIONS PER COFSD ST-15.
- ALL CATCH BASIN GRATES SHALL INCLUDE THE STAMPING "OUTFALL TO STREAM, DUMP NO POLLUTANTS".
- UNLESS OTHERWISE SPECIFIED, CAST IRON PRODUCTS SHALL CONFORM TO ASTM DESIGNATION "A 48 CLASS 30" AND DUCTILE IRON PRODUCTS TO ASTM DESIGNATION "A 536 GRADE 80-55-06".
- 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.
- EACH DRAINAGE SERVICE STUB SHALL BE CAPPED WITH A WATERTIGHT PLUG. EACH STUB SHALL BE MARKED FOR LOCATION WITH A 2" DIA. WHITE PVC PIPE (MIN. SCHEDULE 40) WITH THE TOP 18" STENCILED WITH THE WORD "STORM" AND THE PIPE INVERT INDICATED. THE LOCATION MARKER SHALL BE CONNECTED TO THE SERVICE STUB BY A #12 COPPER WIRE.
- LOT/ROOF DRAIN SERVICES SHALL BE MIN. 4" PVC PIPE, ASTM D 3034 SDR35. MULTIPLE RESIDENTIAL STORM DRAIN SERVICES SHALL BE 6" PVC PIPE, DRAINING TO A COFSD ST-7 INLET. 8" PVC PIPE SHALL BE USED TO CONNECT EACH ST-7 INLET TO A NEARBY TYPE 1, TYPE 1L, OR TYPE 2 CATCH BASIN.
- ALL STORM STUB INVERT ELEVATIONS SHALL BE CONSTRUCTED TO FACILITATE POSITIVE FLOW TO CATCH BASIN.

WATER

- THE FOLLOWING STANDARD DETAILS SHALL BE USED IN CONSTRUCTING WATER SUPPLY SYSTEM IMPROVEMENTS:

PIPE BEDDING TRENCH BACKFILL BLOW-OFF ASSEMBLY FIRE HYDRANT ASSEMBLY THRUST BLOCKING WATER SERVICE	SEE DETAIL, SHEET 16 COFSD W-11 & WSDOT STD. SPEC. SEC. 9-03.12 COFSD W-9 & W-10 COFSD W-1 COFSD W-2, W-3 & W-4 COFSD W-6, & DETAIL SHEET 16
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- ALL WATER MAIN PIPE SHALL BE DUCTILE IRON, MINIMUM CLASS 50, PER AWWA STANDARDS H3-71 AND C151-71, WITH CEMENT LINING PER AWWA STANDARD C104-71. ALL WORK AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE CITY OF FERDALE DEVELOPMENT STANDARDS, SECTIONS 702 AND 705.
- MATERIAL FOR FITTINGS SUCH AS CROSSES, TEES, BENDS, REDUCERS AND SLEEVES SHALL BE DUCTILE IRON. JOINTS SHALL BE M.J., FLANGED OR PUSH-ON JOINTS AND SHALL CONFORM TO AWWA SPECIFICATIONS C-110-71 AND C-104-71.
- CONCRETE BLOCKING SHALL BE AS SPECIFIED IN CITY OF FERDALE STANDARD DETAILS W-2, W-3 AND W-4, OR AS DIRECTED BY THE PROJECT ENGINEER. BLOCKS SHALL BE INSTALLED AS SPECIFIED IN SECTION 7-09.3(20) OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE OR MUNICIPAL CONSTRUCTION. NO PRE-CAST BLOCKS ARE ALLOWED.
- CONNECTIONS TO EXISTING WATER MAINS - THE CONTRACTOR MUST NOTIFY THE CITY OF FERDALE PUBLIC WORKS DIRECTOR OF A PROPOSED CONNECTION AT LEAST FOUR WORKING DAYS IN ADVANCE. ALL CONNECTIONS SHALL BE DONE BY THE CONTRACTOR. CONNECTION TO EXISTING CITY WATER SYSTEM SHALL BE PAID IN ADVANCE BY A DEPOSIT.
- ALL HYDROSTATIC TESTING AND DISINFECTION OF WATER MAINS SHALL CONFORM TO SECTION 7-09.3 OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS. FOR ROAD, BRIDGE OR MUNICIPAL CONSTRUCTION - CURRENT EDITION. HYDROSTATIC TEST PRESSURE FOR WATER MAIN ACCEPTANCE SHALL BE 225 PSI AND SHALL BE DONE ACCORDING TO CITY OF FERDALE REQUIREMENTS. ALL DISINFECTION AND BACTERIOLOGICAL TESTS SHALL BE CONDUCTED BY THE CITY OF FERDALE LABORATORY. THE PIPE WILL NOT PASS TESTING UNLESS A ZERO BACTERIAL COUNT IS MEASURED ON TWO CONSECUTIVE TESTS, CONDUCTED 24 HOURS APART.
- BACKFILL SHALL BE GRAVEL BASE, CLASS B, IN ALL STREET RIGHTS-OF-WAY, COMPACTED TO MINIMUM 95% OPTIMUM DENSITY. IN UNIMPROVED AREAS, MINIMUM COMPACTION SHALL BE 90% OF OPTIMUM DENSITY.
- ALL PIPE SHALL HAVE A MINIMUM COVER OF 42".
- ALL VALVES SHALL BE EITHER GATE OR BUTTERFLY TYPE VALVES AND SHALL BE INSTALLED WITH SLIP TYPE CAST IRON VALVE BOXES.

GATE VALVES SHALL BE USED FOR LINES 2 INCHES THROUGH 8 INCHES IN DIAMETER. SHORT-BODY VALVES SUITABLE FOR A NON-SHOCK SHUT-OFF PRESSURE OF 130 PSI AND SUITABLE FOR DIRECT BURIAL ARE SPECIFIED. GATE VALVES SHALL BE RESILIENT SEATED IRON-BODY, FULL-BRONZE MOUNTED VALVES CONFORMING TO AWWA C509 AND SUITABLE FOR SERVICE WITH THE TYPE AND CLASS OF PIPE USED.

ALL VALVES SHALL HAVE NON-RISING STEMS AND SHALL OPEN COUNTERCLOCKWISE AND SHALL BE EQUIPPED WITH A 2 INCH SQUARE OPERATING NUT. VALVES WILL BE FLANGE OR M.J. JOINTS.

VALVE MARKERS SHALL BE LOCATED OUTSIDE OF PAVEMENT SECTIONS.
- WATER SERVICE TAP INSTALLATIONS SHALL MEET THE REQUIREMENTS OF THE CITY OF FERDALE DEVELOPMENT STANDARDS. ALL WATER SERVICE STUB ENDS SHALL BE MARKED FOR LOCATION WITH A 4" LONG 2" X 4" TIMBER, PAINTED BLUE.
- CONTRACTOR IS RESPONSIBLE TO SET WATERMETER BOXES TO THE FINISHED GRADE BEHIND SIDEWALK. FINISHED GRADE BEHIND SIDEWALK SHALL MEET CITY APPROVAL.
- FIRE HYDRANTS AND FIRE MAINS MUST CONFORM TO COF STANDARD DETAIL W-1 (WSDOT B-19) AND THE FOLLOWING STANDARDS:
 - FIRE HYDRANTS SHALL HAVE TWO INDIVIDUALLY-VALVED 2-1/2" PORTS AND ONE 5-1/4" MAIN VALVE OPENING. A 4-1/2" NST PUMPER NOZZLE AND A 5" STORZ PORT WITH CAP AND CABLE SHALL BE SUPPLIED. HYDRANTS SHALL EITHER BE IDWA OR M.H. 929T HYDRANTS.
 - FIRE HYDRANTS SHALL HAVE THE STORZ PORT FACING THE REQUIRED ACCESS AND THE BASE FLANGE OF THE HYDRANT MUST NOT VARY MORE THAN 1 FOOT IN ELEVATION FROM THE GRADE LEVEL OF THE REQUIRED ACCESS. THE LOWEST STEM SHALL BE A MINIMUM OF 14" ABOVE THE GROUND.
 - IF THE PUBLIC WORKS DIRECTOR DETERMINES THAT FIRE HYDRANTS ARE VULNERABLE TO VEHICULAR DAMAGE, APPROPRIATE CRASH POSTS SHALL BE PROVIDED. NO OBSTRUCTIONS SHALL EXIST WITHIN A 3-FOOT WORKING AREA OF EACH REQUIRED ACCESS. CRASH POSTS SHALL BE 4" CEMENT-FILLED PIPE A MIN. OF 3' IN HEIGHT WITH A MIN. OF 2' OF PIPE BELOW GRADE. HYDRANT SHUTOFF VALVES SHALL BE LOCATED BETWEEN 5' AND 20' FROM THE HYDRANT.
 - UNDERGROUND SUPPLIES TO FIRE HYDRANTS MUST BE INSPECTED. SUCH INSPECTION SHALL INCLUDE VISUAL INSPECTION OF PIPING AND HYDROSTATIC PRESSURE TESTING TO A MIN. OF 200 PSI OR 50 PSI IN EXCESS OF STREET MAIN PRESSURE, WHICHEVER IS GREATER. A FLOW TEST WILL BE REQUIRED WHEN INSTALLATION IS COMPLETE.
 - FIRE HYDRANTS MUST BE MAINTAINED IN AN OPERABLE CONDITION AT ALL TIMES AND MUST BE REPAIRED OR REPLACED WHEN DEFECTIVE. HYDRANTS SHALL BE FULLY OPERABLE BEFORE CONSTRUCTION COMMENCES ABOVE GRADE LEVEL.

AS-BUILT NOTE: ONLY INFORMATION NOTED AS "AB" HAS BEEN VERIFIED AND FIELD SURVEYED OR MEASURED DURING CONSTRUCTION.

APPROVED

JUL 15 2009
BY *[Signature]*
CITY OF FERDALE

FIELD BOOKS	TBM. NO.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	SCALE	REV	DATE	DESCRIPTION	BY	No.	DATE
DESIGN: 381	381-31-A	SEE SURVEY NOTE #4	36.76	BASE	SJN	AM/SL	HORIZ: 1"=20'	1	06.17.08	GRADING, SD, WA, SS, LOAD DOCK	DG	4	AS-BUILT DRAWINGS 02.02.09
STAKING:				DESIGN			VERT: 1"=2'	2	06.23.08	ELIMINATE HYDRANT & 6"Ø D.I.	DG	5	AS-BUILT DRAWINGS 04.24.09
ASBUILT:				XREF:								6	AS-BUILT DRAWINGS 05.11.09
				DWG # ENG_BASE_20x								7	AS-BUILT DRAWINGS 05.20.09
SURVEY REFERENCE	VERTICAL DATUM	PLAN CHECK	REVISIONS	ISSUE									

CALL BEFORE YOU DIG



KT DEVELOPMENT
510 LAKEWAY DRIVE
BELLINGHAM, WA 98225

GENERAL NOTES

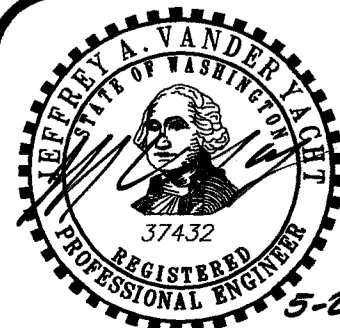
AS-BUILT DRAWING

SITUATE IN A PORTION OF THE SW 1/4 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 39 NORTH, RANGE 2 EAST, W. 1/2, CITY OF FERDALE, WHATCOM COUNTY, WASHINGTON
~ FERDALE STATION ~
1851 MAIN STREET, FERDALE, WASHINGTON

JOB #: 2007177

DVLP 2008-03

SHEET C19



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