## AS-BUILT PHASE 1 SITE STORMWATER IMPROVEMENTS

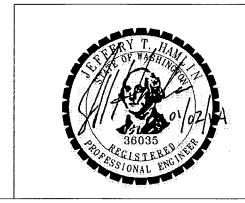
1524 SLATER ROAD
FERNDALE INTERMODAL YARD
FERNDALE, WASHINGTON

## STELOCATION STELO

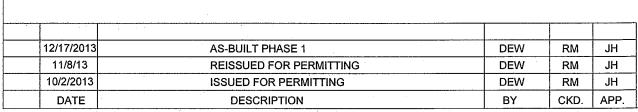
## DRAWING INDEX

SHEET	NO. DRAWING TITLE
1	TITLE SHEET, SITE LOCATION MAP, AND DRAWING INDEX
2	GENERAL NOTES, LEGEND, SYMBOLS, AND ABBREVIATIONS
3	SITE PLAN
4	LAYOUT PLAN SOUTH
5	LAYOUT PLAN NORTH (PHASE 2 CONSTRUCTION)
6	GRADING AND DRAINAGE PLAN SOUTH
7	GRADING AND DRAINAGE PLAN NORTH (PHASE 2 CONSTRUCTION)
8	TEMPORARY, EROSION, AND SEDIMENT CONTROL PLAN
9	DETAILS



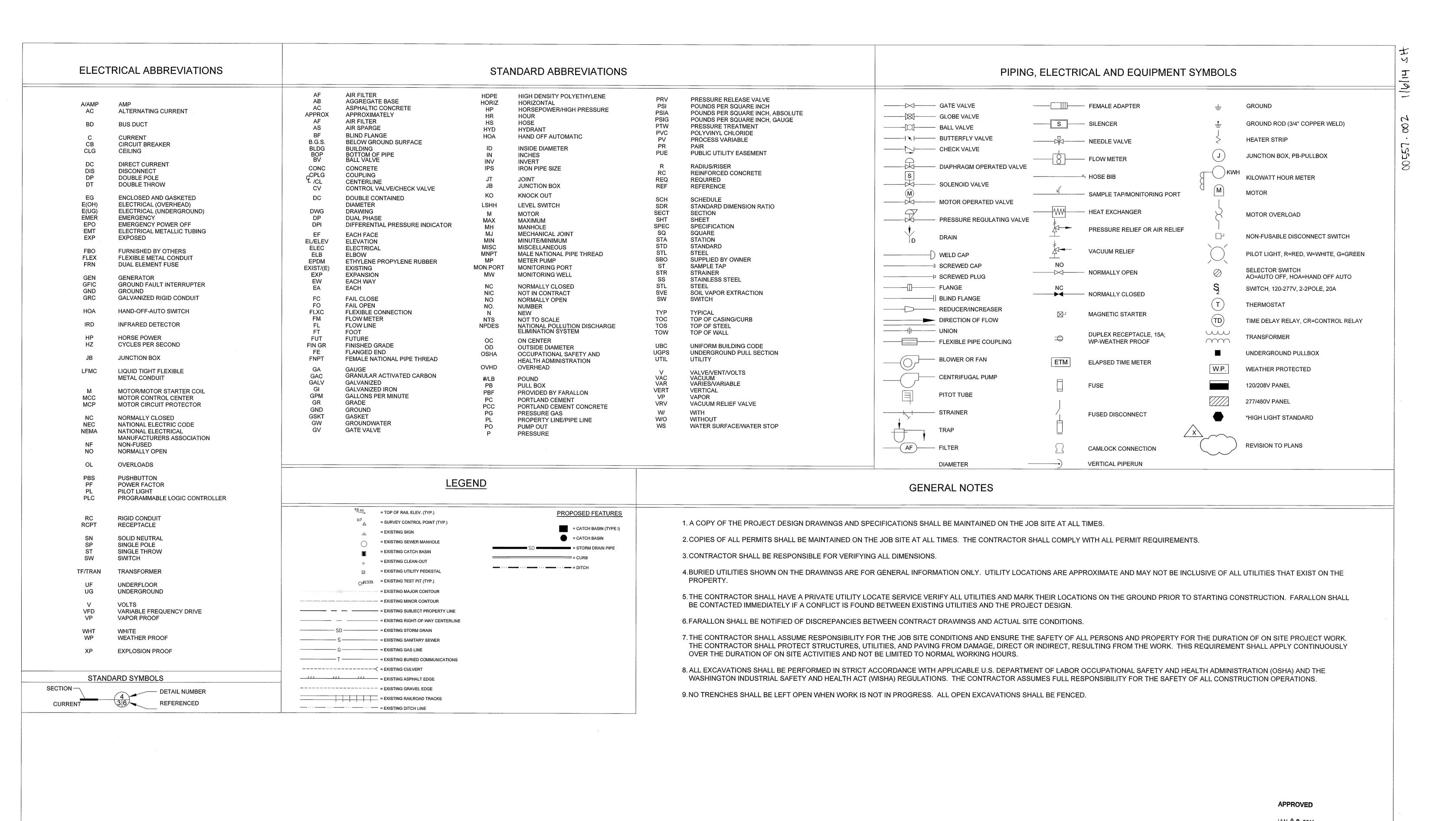






WASHINGTON

PREPARED BY	PREPARED FOR:	SITE STORMWATER IMPROVEMENTS	T
	·	FERNDALE INTERMODAL YARD	h
	REPUBLIC SERVICES, INCORPORATED	FERNDALE, WASHINGTON	ŀ
<b>V</b>	1600 127TH AVENUE NORTHEAST	TITLE SHEET,	E
ALLON CONSULTING L.L.C. 975 5th Avenue Northwest	BELLEVUE, WASHINGTON	SITE LOCATION MAP, AND	
Issaquah, WA 98027		DRAWING INDEX	



AS-BUILT PHASE 1

REISSUED FOR PERMITTING

ISSUED FOR PERMITTING

DESCRIPTION

DEW RM JH

DEW RM JH

BY CKD. APP.

12/17/2013

11/8/13

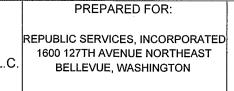
10/2/2013

DATE

CALL
TWO BUSINESS DAYS
BEFORE YOU DIG
1-800-424-5555
UTILITIES UNDERGROUND LOCATION CENTER



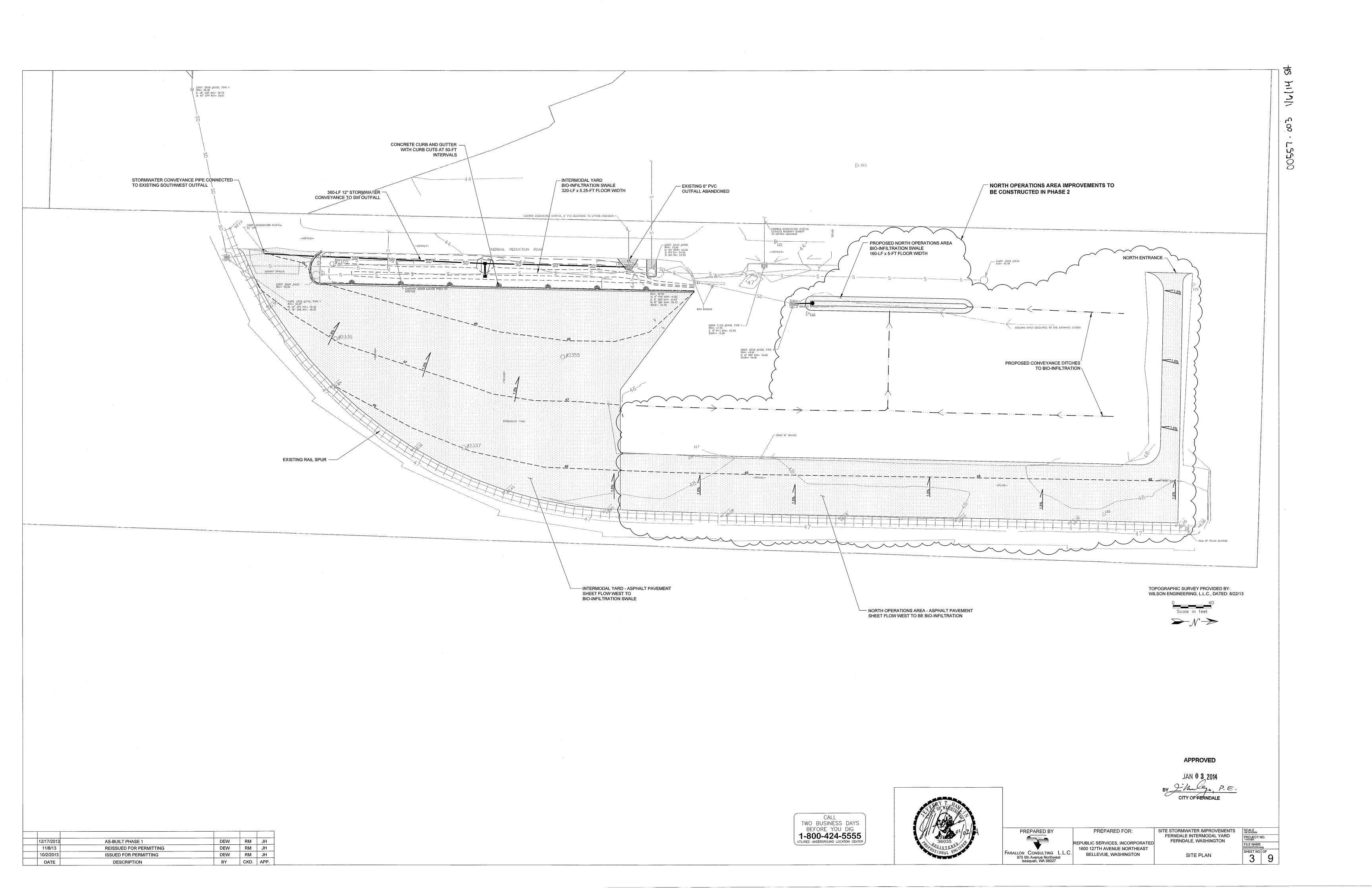


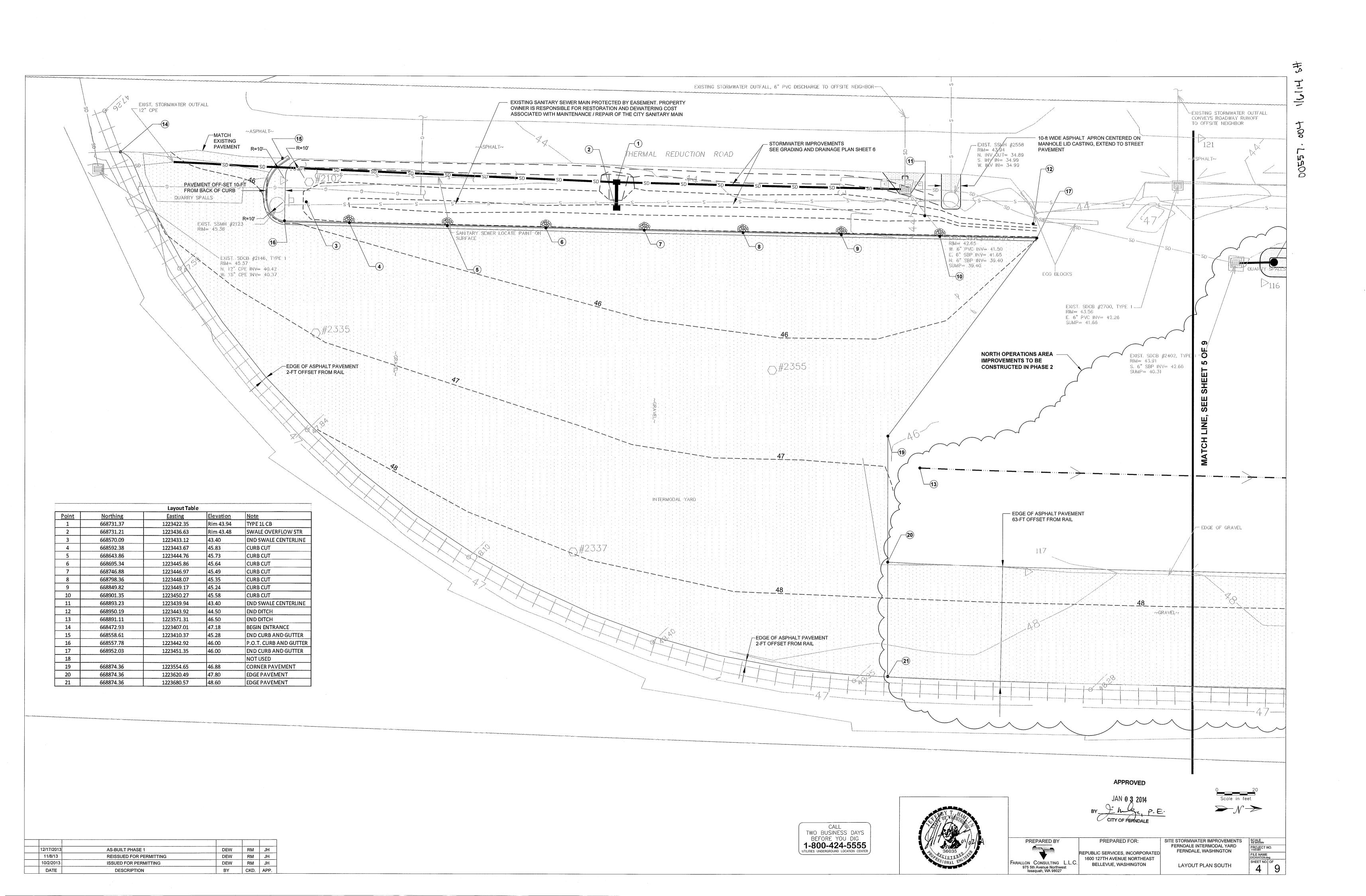


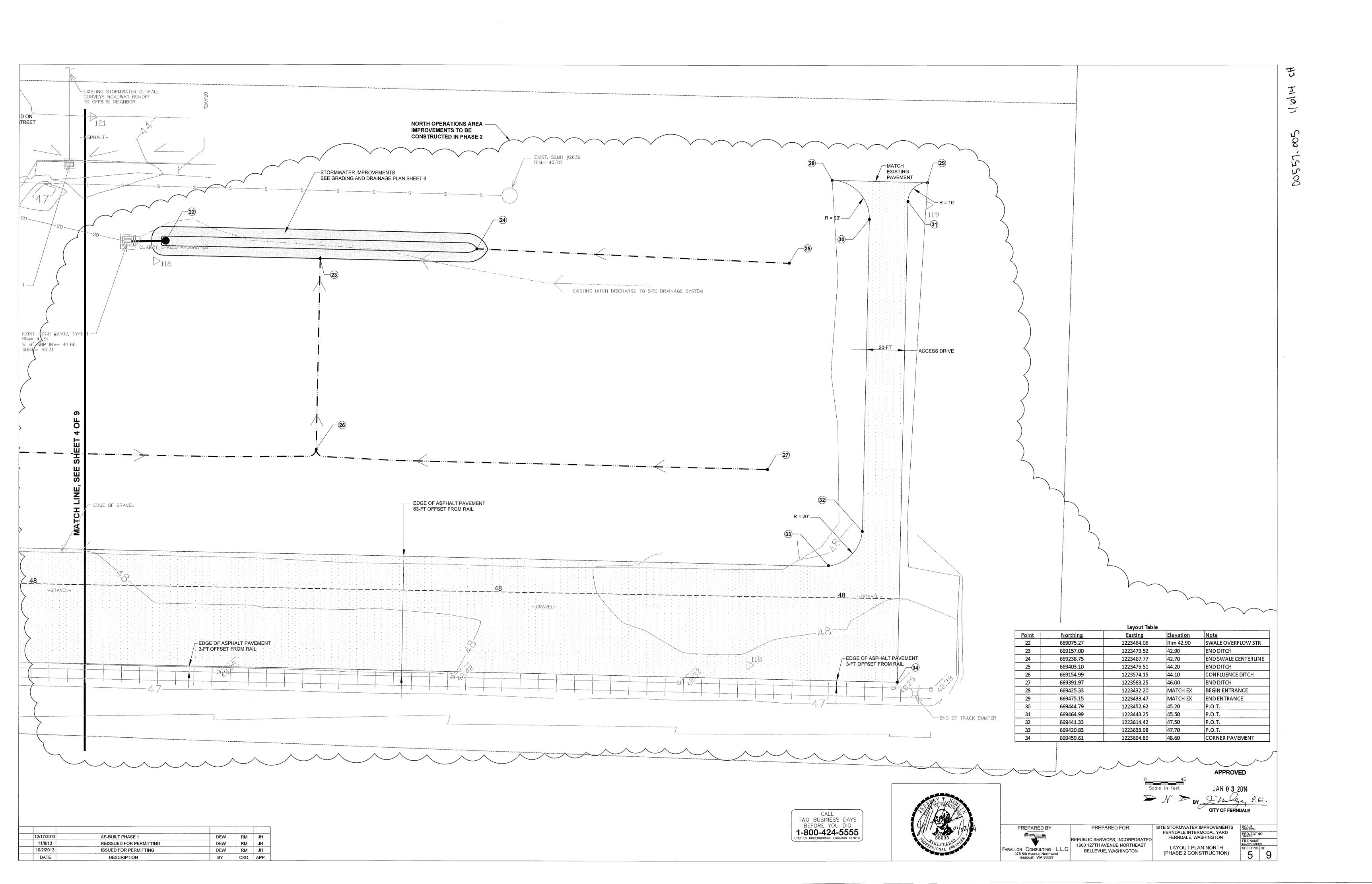
SITE STORMWATER IMPROVEMENTS
FERNDALE INTERMODAL YARD
FERNDALE, WASHINGTON

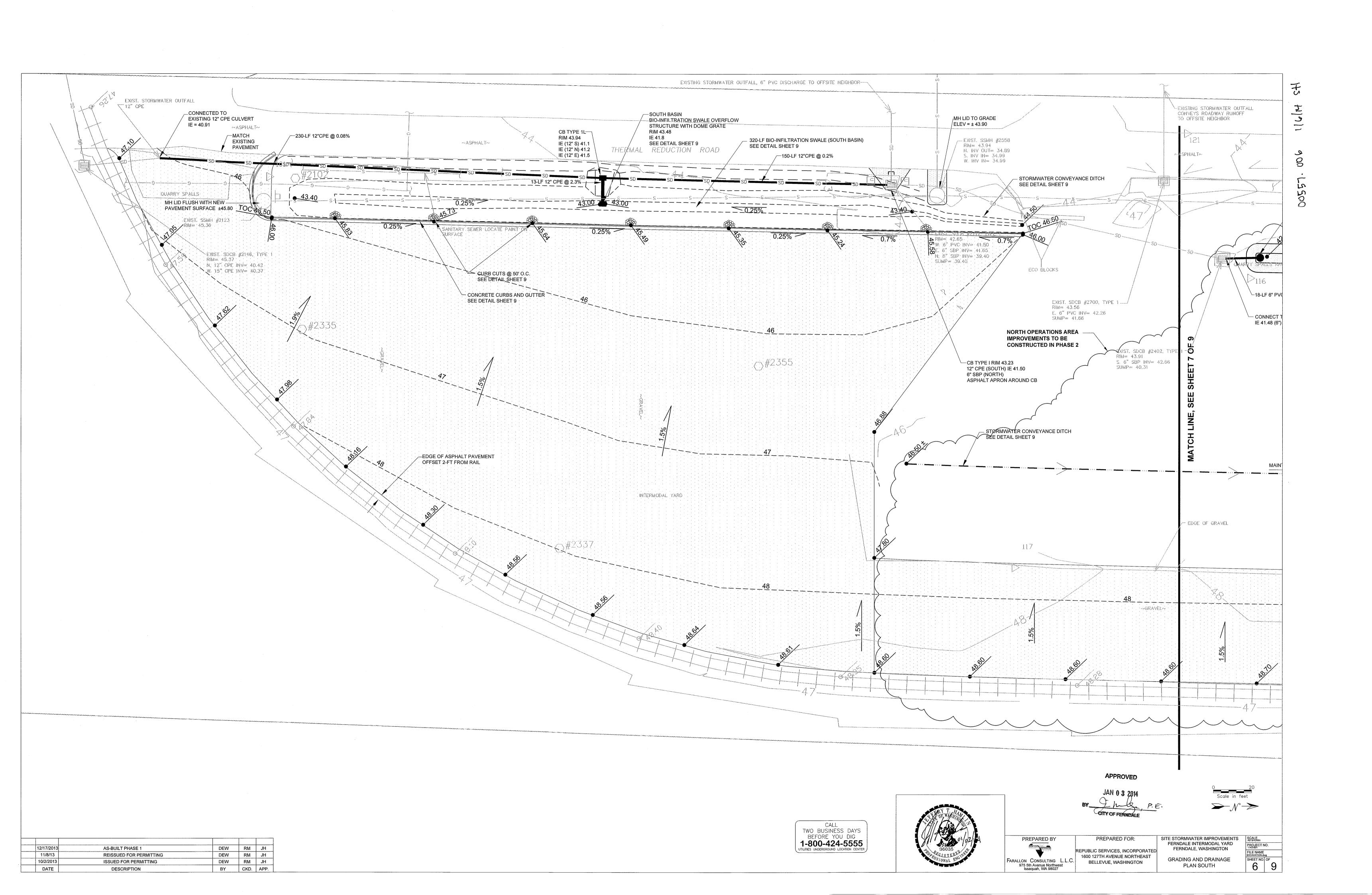
GENERAL NOTES,
LEGEND, SYMBOLS,
AND ABBREVIATIONS

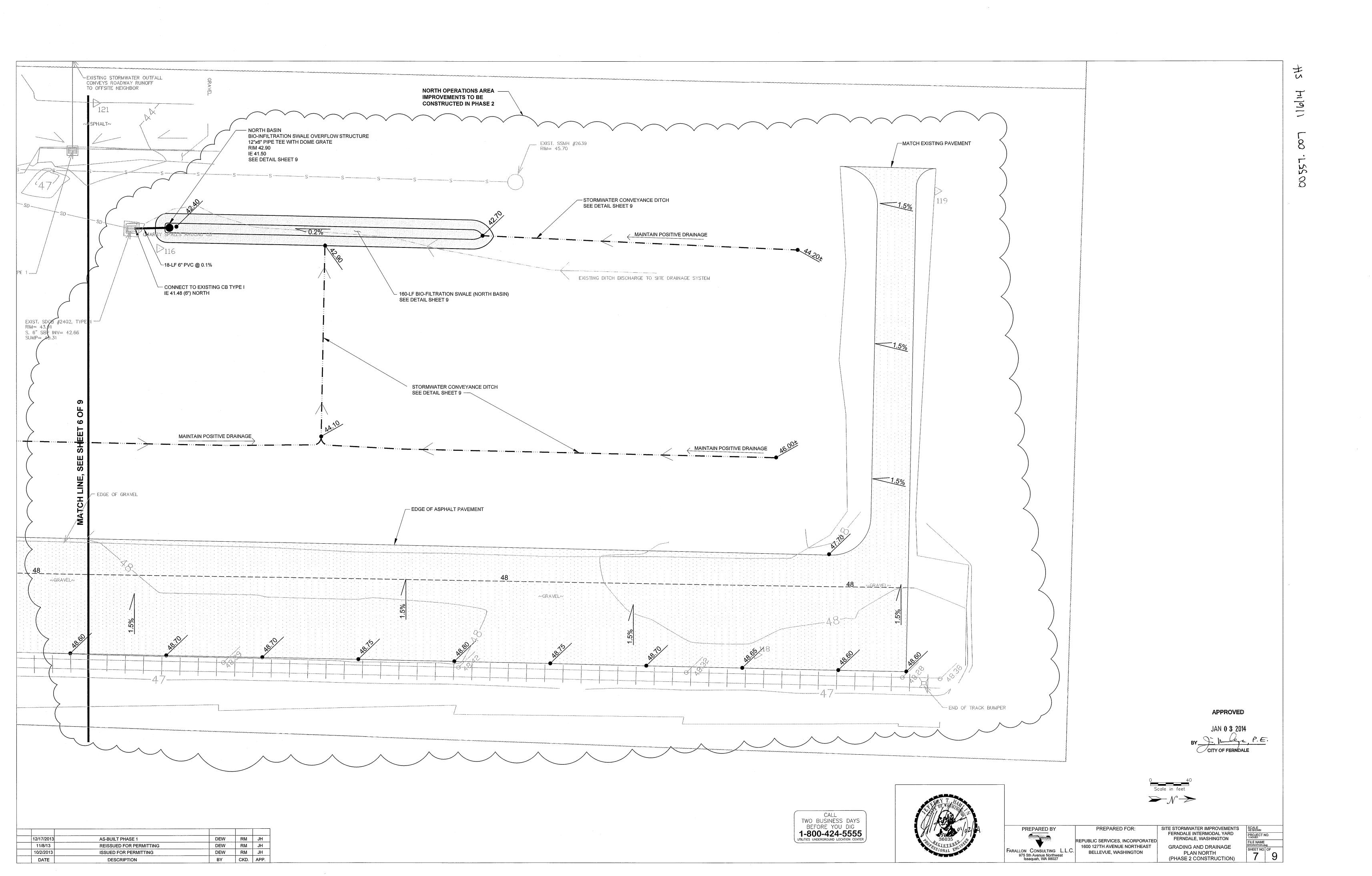
SCALE
ASSHOWN
PROJECT NO.
143-001
FILE NAME
EXCAVATION days
SHEET NO. OF
2

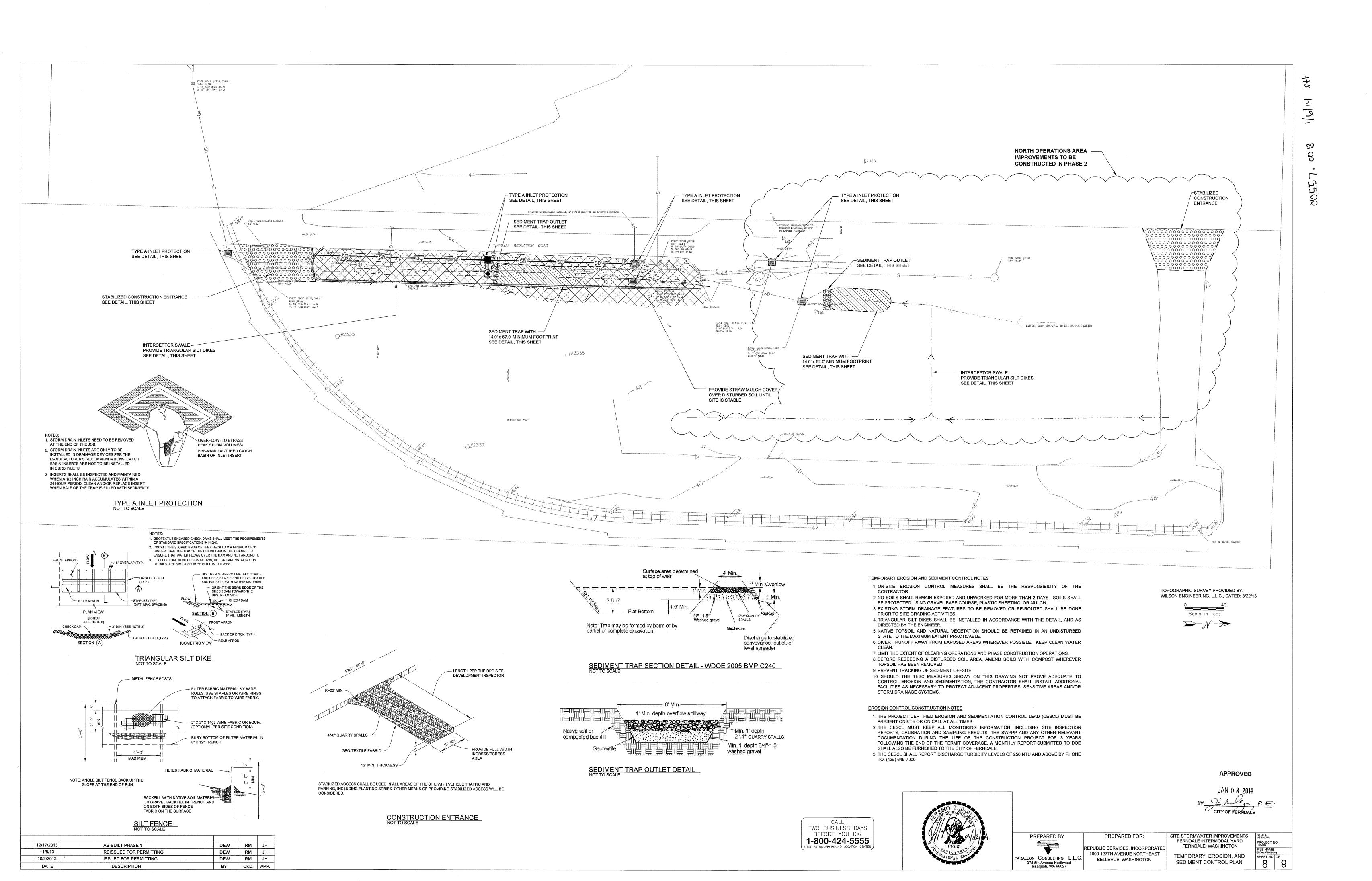




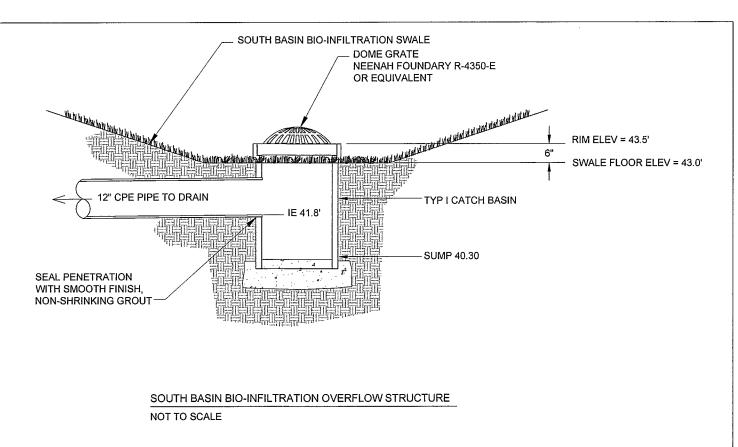


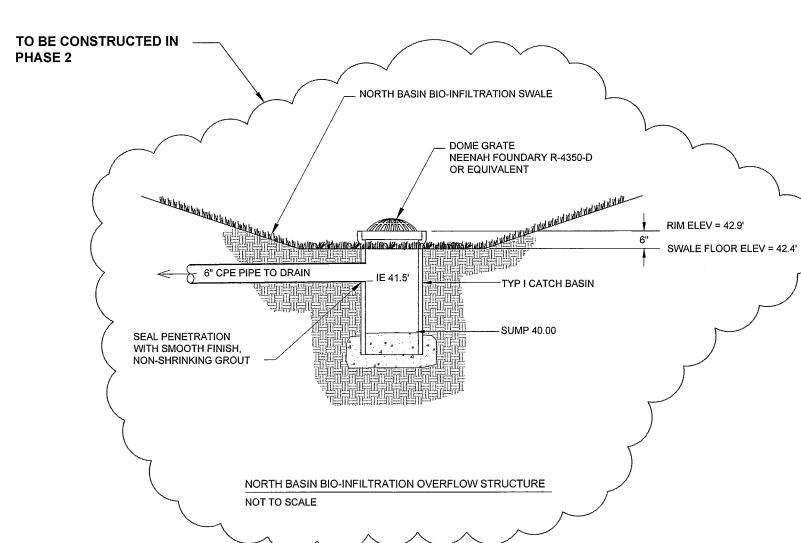












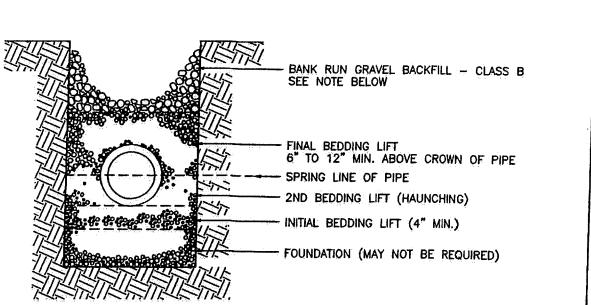
THE FOLLOWING SUPPLEMENTAL SPECIFICATIONS ARE TO BE USED IN CONJUNCTION WITH THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION, CURRENT EDITION: BEDDING FOR SEWERS, DRAINS AND CULVERTS FOR PVC PIPE-

BEDDING MATERIAL FOR PVC PIPE SHALL BE PEA GRAVEL CONFORMING THE FOLLOWING SPECIFICATIONS PEA GRAVEL - PEA GRAVEL BEDDING SHALL BE A CLEAN MIXTURE FREE FROM ORGANIC MATTER AND CONFORMING TO THE FOLLOWING GRADATION WHEN TESTED IN ACCORDANCE WITH ASTM D422:

U.S. STANDARD SIEVE SIZE

PERCENTAGE PASSING, BY WT. 95-100 0-10

BACKFILL - WHENEVER A TRENCH IS EXCAVATED IN THE EXISTING OR PROPOSED ROADWAY, SIDEWALK OR OTHER AREAS WHERE SETTLEMENT WOULD BE DETRIMENTAL, THE ENTIRE TRENCH SHALL BE BACKFILLED WITH IMPORTED GRAVEL AND COMPACTED TO 95% OF MAXIMUM DENSITY.



DETAIL ST-17 BEDDING SPECIFICATIONS FOR PIPE STANDARD NOT TO SCALE

CITY OF FERNDALE

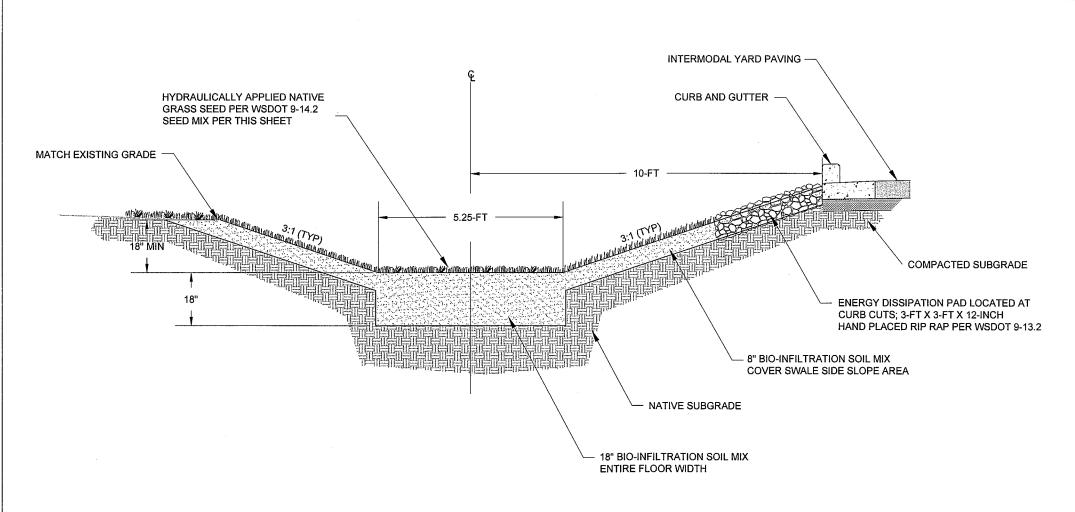
APPROVED

PREPARED BY RALLON CONSULTING L.L.C

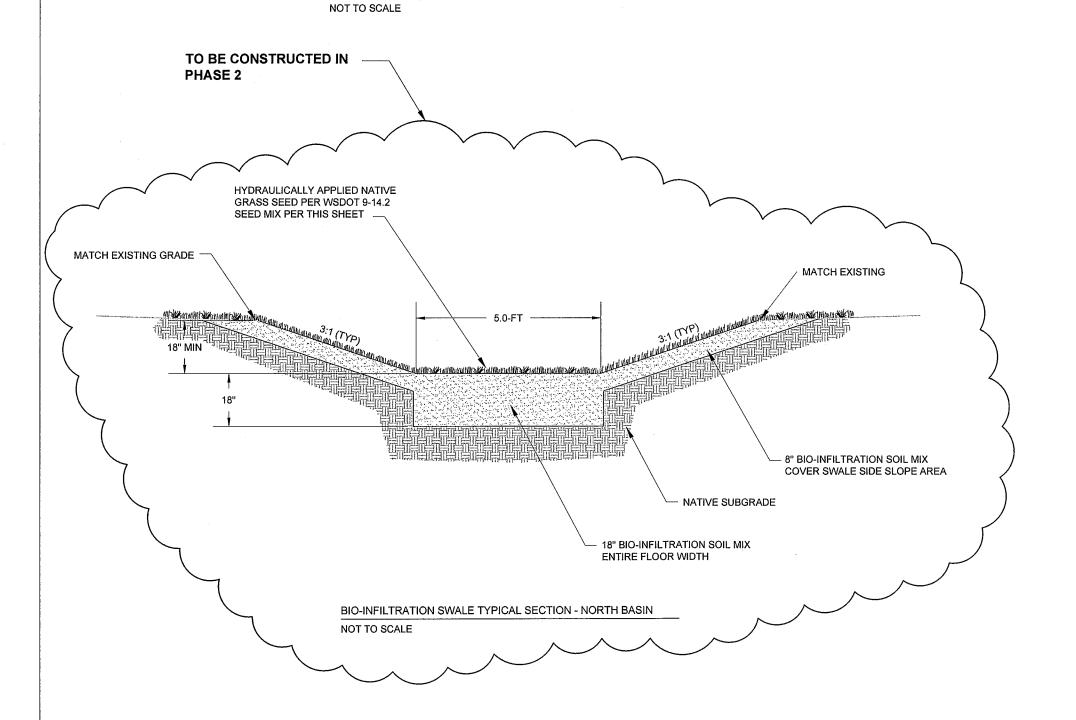
PREPARED FOR: REPUBLIC SERVICES, INCORPORATED 1600 127TH AVENUE NORTHEAST BELLEVUE, WASHINGTON

SITE STORMWATER IMPROVEMENTS

SCALE
AS SHOWN FERNDALE INTERMODAL YARD FERNDALE, WASHINGTON DETAILS



BIO-INFILTRATION SWALE TYPICAL SECTION - SOUTH BASIN



BIO-INFILTRATION SWA	LE SEED MIX*		
	% Weight	% Purity	% Germination
Tall or meadow fescue Festuca arundinacea or Festuca elatior	<b>75-80</b>	98	90
Seaside/Creeping bentgrass  Agrostis palustris	10-15	92	85
Redtop bentgrass  Agrostis alba or Agrostis gigantea	5-10	90	80

\*Modified Briargreen, Inc. Hydroseeding Guide Wetlands Seed Mix

## CONSTRUCTION NOTES

DESCRIPTION

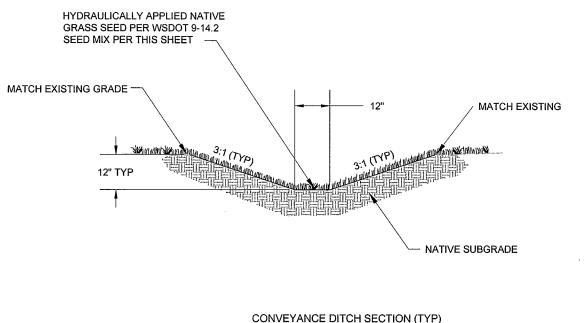
10/2/2013

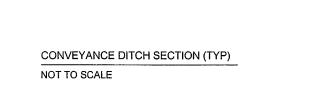
DATE

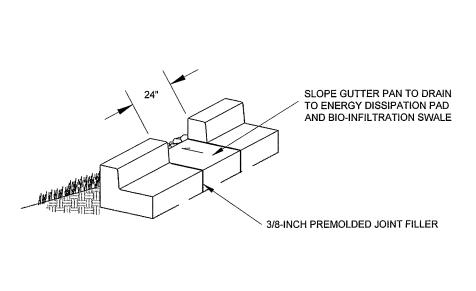
- 1. BEDDING OF STORM SEWER PIPE SHALL BE PEA GRAVEL, WITH A MINIMUM DEPTH OF 4-INCHES UNDER AND 12-INCHES OVER THE PIPE FOR ALL SERVICES INSTALLED WITHIN CITY
- RIGHT-OF-WAY CONSISTENT WITH CITY OF FERNDALE DRAWING ST-17.
- 2. GROUT AND GROUTING OF DRAINAGE STRUCTURES SHALL INCLUDE GROUT MIXTURE PER WSDOT STANDARD 9-04.3, AND CONSTRUCTION REQUIREMENTS PER WSDOT STANDARD
- 3. ALL OPENINGS CUT THROUGH AND/OR IN STRUCTURES SHALL BE GROUTED FROM THE INSIDE AND THE OUTSIDE TO PROVIDE A WATERTIGHT SEAL. 4. GROUT SHALL BE PLACED BETWEEN ALL ADJUSTMENT RISERS EXCEPT WHERE RUBBER

BY CKD. APP.

- GASKET JOINTS PROVIDE A WATERTIGHT SEAL. BACKFILL AROUND GROUT WORK SHALL BE COMPLETED ONLY AFTER THE CONCRETE HAS THOROUGHLY SET. 5. PIPE TRENCH WIDTH SHALL INCLUDE A MINIMUM CLEARANCE OF 13-INCHES ON BOTH SIDES
- 6. CONTRACTOR SHALL KEEP AN APPROVED SET OF PLANS ONSITE AT ALL TIMES.
- 7. EMERGENCY WATERLINE SHUTDOWNS: CONTACT (360) 384-4006.
- 8. UTILITY LOCATES NUMBER: 1-800-424-5555, REQUIRED PER RCW 19.122 9. NOTIFY ENGINEER OF RECORD IF SUB-SURFACE RUNOFF IS FOUND TO EXIST.







CONCRETE CURB AND GUTTER (TYP)

NOT TO SCALE

CONCRETE CURB AND GUTTER PER

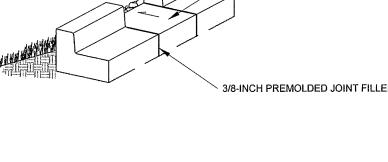
WSDOT STANDARD PLAN F-10.16.00

ASPHALT PAVEMENT SECTION

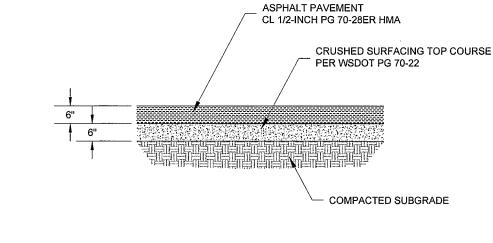
COMPACTED SUBGRADE

- 6" CSTC PER WSDOT 9-03.9(3)

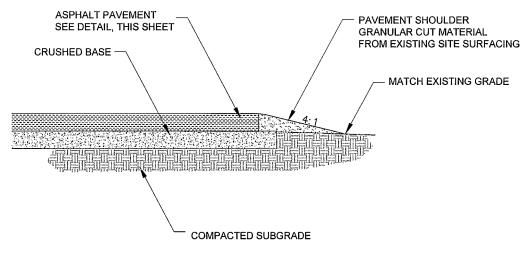
CURB CUTS @ 50-FT O.C.

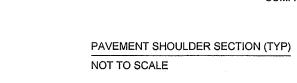


CURB CUT - ISOMETRIC NOT TO SCALE

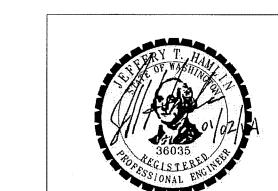


ASPHALT PAVEMENT SECTION (TYP) NOT TO SCALE





TWO BUSINESS DAYS BEFORE YOU DIG 1-800-424-5555



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AS-BUILT PHASE 1	DEW	RM	JH
REISSUED FOR PERMITTING	DEW	RM	JH
ISSUED FOR PERMITTING	DEW	RM	JH