GENERAL NOTES

ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT WASHINGTON STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE CITY OF FERNDALE DEVELOPMENT STANDARDS . ANY REVISIONS TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE CITY OF FERNDALE DEVELOPMENT ENGINEERING SECTION PRIOR TO ANY IMPLEMENTATION IN THE FIELD.

3. CONTRACTOR SHALL SCHEDULE A PRECONSTRUCTION CONFERENCE WITH THE CITY 3 DAYS PRIOR TO COMMENCEMENT OF CONSTRUCTION. CON-TRACTOR SHALL CONTACT THE CITY OF FERNDALE DEPARTMENT OF PUBLIC WORKS 24 HOURS PRIOR TO COMMENCING CONSTRUCTION AND IN ADVANCE OF ANY INSPECTIONS OUTLINED AS FOLLOWS:

A) UPON PLACEMENT OF SEDIMENTATION AND EROSION CONTROL

B) UNDERGROUND DRAINAGE 1) UPON PLACEMENT OF PIPE AND PRIOR TO BACKFILL 2) DURING PLACEMENT OF BACKFILL

PLACEMENT OF ANY PAVEMENT.

C) GENERAL ROADWAY 1) UPON COMPLETION OF UNDERGROUND UTILITIES AND SUBGRADE, INCLUDING GRAVEL BALLAST. 2) UPON COMPLETION OF BASE COURSE AND CURBING. 3) UPON PLACEMENT OF CRUSHED SURFACING COURSE PRIOR TO

4) DURING PLACEMENT OF ASPHALT PAVEMENT D) OVERALL INSPECTION OF SHOULDERS, SIDEWALKS, DITCHES, MONUMENTS, DRAINAGE PIPES, STORM INLETS, FINAL SITE GRADING

E) END OF MAINTENANCE PERIOD PRIOR TO RELEASE OF SECURITY

4. CONTRACTOR SHALL POST A MAINTENANCE SECURITY BOND AND A PERFORMANCE SECURITY BOND AS REQUIRED BY THE DIRECTOR OF

5. THE CONTRACTOR SHALL SUBMIT A 2-YEAR MAINTENANCE BOND COVERING DEFECTS IN MATERIALS AND WORKMANSHIP PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.

6. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL CALL ONE-CALL (1-800-424-5555) FOR UTILITY LOCATIONS (WATER, SANITARY SEWER. STORM SEWER. GAS, POWER. TELEPHONE AND TELEVISION).

. DURING CONSTRUCTION, ALL PUBLIC STREETS ADJACENT TO THIS PROJECT SHALL BE KEPT CLEAN OF ALL MATERIAL DEPOSITS RESULTING FROM ONSITE CONSTRUCTION, AS DIRECTED BY THE CITY

8. A COPY OF THESE APPROVED PLANS, THE STANDARD SPECIFICATIONS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ONSITE DURING CONSTRUCTION.

8. DURING CONSTRUCTION THE CONTRACTOR SHALL BE REQUIRED TO CONTROL ONSITE STORMWATER RUNOFF BY USING TEMPORARY OR PERMANENT DRAINAGE EROSION/SILTATION CONTROL PROCEDURES. TESC MEASURES SHALL BE MAINTAINED AND ADDITIONAL MEASURES TAKEN AS NECESSARY TO PREVENT EROSION AND SEDIMENTATION. AFTER CONSTRUCTION IS COMPLETE AND EROSION DANGER IS PAST, CONTRACTOR SHALL REMOVE TEMPORARY EROSION CONTROL MEASURES UPON APPROVAL BY A CITY OF FERNDALE OFFICIAL.

10 LOCATIONS OF EXISTING LITHLITIES ARE APPROXIMATE IT SHALL RE THE CONTRACTORS RESPONSIBILITY TO VERIFY TILE TRUE ELEVATIONS AND LOCATIONS OF ALL UTILITIES AND REPORT ANY DISCREPANCIES AND CONFLICTS TO THE ENGINEER PRIOR TO CONSTRUCTION, PRIOR TO CONSTRUCTING UTILITIES WHICH WILL CONNECT TO EXISTING UTILITIES CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF EXISTING UTILITY AND NOTIFY THE ENGINEER OF ANY DISCREPANCY.

11. FOR MANHOLE AND CATCH BASIN RIM ADJUSTMENT, MAXIMUM VERTICAL ADJUSTMENT WITH BRICK RIMS AND CASTINGS SHALL BE 14 INCHES WITHOUT ADDING NEW SECTIONS.

12. THE MAXIMUM LAYING LENGTHS SHALL NOT EXCEED 12'-6" FOR SDR

13. PIPE COMPACTION DESIGNS AND BACKFILL SHALL BE PER WSDOT STANDARD PLAN B-11 DESIGN A, WITHIN PUBLIC RIGHT-OF-WAY. BACKFILL TO BE BANK-RUN GRAVEL, CLASS B.

14. SHORING AND BRACING: PROVIDE SHORING AND BRACING TO COMPLY WITH LOCAL CODES AND AUTHORITIES HAVING JURISDICTION. PROVIDE MATERIALS FOR SHORING AND BRACING SLICH AS SHEET PILING UPRIGHTS, STRINGERS AND CROSS-BRACES, IN GOOD SERVICEABLE CONDITION. MAINTAIN SHORING & BRACING IN EXCAVATIONS REGARDLESS OF THE TIME PERIOD EXCAVATIONS WILL BE OPEN. CARRY DOWN SHORING AND BRACING, AS THE EXCAVATION PROGRESSES. CONTRACTOR IS RESPONSIBLE FOR ALL SAFETY REQUIREMENTS.

15. DEWATERING: PREVENT SURFACE WATER AND SUBSURFACE OR GROUNDWATER FROM FLOWING INTO EXCAVATIONS AND FROM FLOODING PROJECT SITE AND SURROUNDING AREA. DO NOT ALLOW WATER TO ACCUMULATE IN EXCAVATIONS. DO NOT USE TRENCH EXCAVATIONS AS TEMPORARY DRAINAGE DITCHES

16. CRUSHED SURFACING BASE COURSE SHALL CONFORM WITH THE REQUIREMENTS OF SECTION 9-03.9(3) OF THE 1998 WSDOT STANDARD

SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION. 17. 6" GRAVEL BASE SHALL CONFORM TO THE REQUIREMENTS FOR BALLAST OF SECTION 9-03.9(I) OF THE 1998 WSDOT STANDARD SPECIFICATIONS. 18. BASE COURSE SHALL BE PLACED AND COMPACTED IN CONFORMANCE WITH SECTION 4-04.3 OF THE 1998 WSDOT STANDARD SPECIFICATIONS, EXCEPT THAT THE BASE COURSE SHALL BE COMPACTED TO 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED IN ACCORDANCE WITH

19. ASPHALT CONCRETE SHALL BE CLASS B WITH AGGREGATE CONFORMING TO SECTION 9-03.8 AND ASPHALT AR-4000W CONFORMING TO SECTION 9-02.1(4) OF THE 1998 WSDOT STANDARD SPECIFICATIONS. ASPHALT PERCENTAGE OF THE TOTAL MIXTURE SHALL BE 5.0 TO 7.5 PERCENT. 20. TACK COAT SHALL BE EMULSIFIED ASPHALT GRADE CSS-1 OR CSS-IH. THE EMULSIFIED ASPHALT MAY BE DILUTED WITH WATER AT A MAXIMUM RATIO

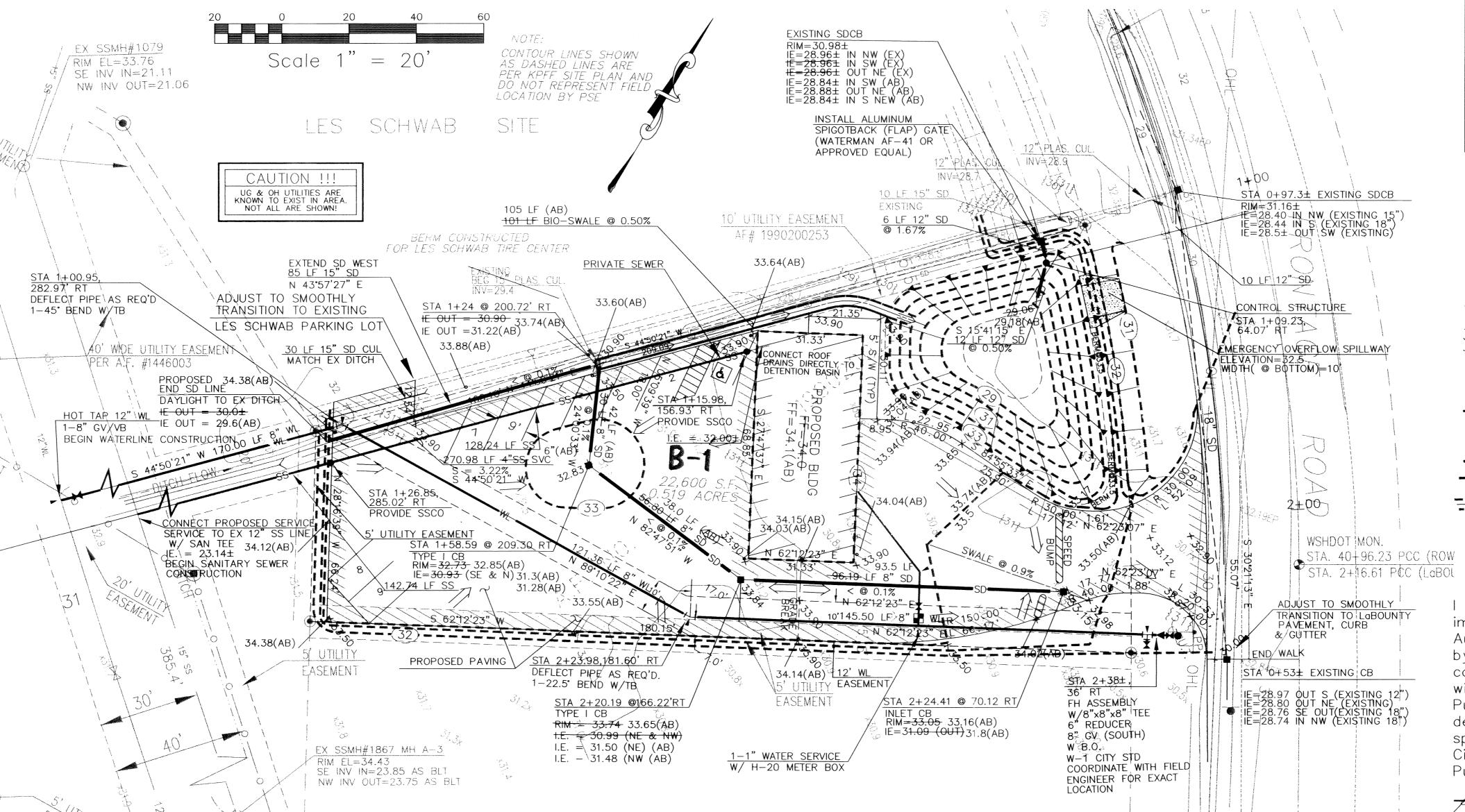
21. ASPHALT CONCRETE PAVEMENT SHALL BE CONSTRUCTED IN CONFORMANCE WITH SECTION 5-04.3 OF THE 1998 WSDOT STANDARD SPECIFICATIONS. EXCEPT AS IDENTIFIED HEREIN. PRIME COAT IS NOT REQUIRED AND TACK COAT IS REQUIRED AS SPECIFIED THEREIN.

22. ASPHALT CONCRETE PAVEMENT 3 INCHES OR THICKER SHALL BE PLACED IN MULTIPLE LAYERS. EACH LAYER SHALL NOT EXCEED 2 INCHES IN THICKNESS. ASPHALT CONCRETE PAVEMENT LESS THAN 3 INCHES THICK MAY BE PLACED IN ONE LAYER.

23. STABILIZATION AND SEDIMENT TRAPPING: ALL EXPOSED AND UNWORKED SOILS, INCLUDING SOIL STOCKPILES, SHALL BE STABILIZED BY SUITABLE APPLICATION OF BMPS WHICH PROTECT SOIL FROM THE EROSIVE FORCES OF RAINDROP IMPACT AND FLOWING WATER. APPLICATION PRACTICES INCLUDE, BUT ARE NOT LIMITED TO VEGETATIVE ESTABLISHMENT, MULCHING, PLASTIC COVERING AND THE EARLY APPLICATION OF GRAVEL BASE ON AREAS TO BE PAVED. FROM OCTOBER 1 TO APRIL 30, NO SOILS SHALL REMAIN UNSTABILIZED FOR MORE THAN 2 DAYS FROM MAY 1 TO SEPTEMBER 30, NO SOILS SHALL REMAIN UN-STABILIZED FOR MORE THAN 7 DAYS.

AT ALL TIMES OF THE YEAR, THE CONTRACTOR SHALL HAVE SUFFICIENT MATERIALS. EQUIPMENT AND LABOR ONSITE TO STABILIZE AND PREVENT EROSION FROM ALL DENUDED AREAS WITHIN 12 HOURS AS SITE AND WEATHER CONDITIONS DICTATE.

LaBounty Road



GEO BLOCK WALL

RED FESCUE

BENTGRASS

KENTUCKY FESCUE

MEADOW FOXTAIL

VELVET GRASS

2.5' ---

SEED WITH:

WETLANDS SEED MIX

ROUGH BLUEGRASS

AS FOLLOWS:

WHITE CLOVER

YELLOW IRIS

SOFT RUSH

KENTUCKY BLUEGRASS SMALL FRUITED BULRUSH

ANNUAL BLUEGRASS WOOLLEY SEDGE

BIO-SWALE DETAIL

NOT TO SCALE

FINISH GRADE

- CLASS B GRAVEL

COMPACTED TO 95%

U.IDISTURBED EARTH

MAXIMUM DENSITY

1 aaaa aaa

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MAINT COVER AS SHOWN

PAVEMENT IMPROVEMENTS

EXISTING PAVEMENT

3" MIN. COMPACTED DEPTH ASPHALT CONCRETE, CL. B

MIN. 8" COMPACTED GRAVEL BASE

COURSE (95% MOD. PROCTOR)

- EXISTING GRAVEL SURFACE

PAVEMENT CROSS-SECTION

NOT TO SCALE

2" CRUSHED SURFACING BASE COURSE

ON PROFILE VIEW

a a a a a a a a a

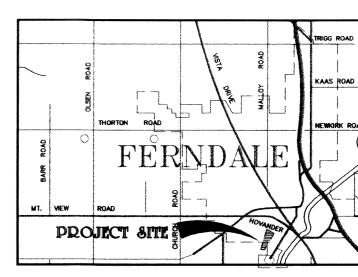
TRENCH BACKFILL SHALL BE IN ACCORDANCE

WITH 1994 WSDOT/APWA STANDARD SPECIFICATIONS

AND CITY OF FERNDALE DEVELOPMENT STANDARDS.

UTILITY TRENCH DETAIL

NOT TO SCALE



VICINITY MAP

GENERAL LEGEND

PROPOSED STORM CATCH BASIN PROPOSED STORM DRAIN LINE ---- PROPOSED CONTOURS PROPOSED PAVEMENT

PROPOSED BUILDING

PROPOSED WATERLINE PROPOSED FIRE HYDRANT

PROPOSED WATERLINE DEFLECTION SS PROPOSED SANITARY SEWER LINE PROPOSED BIO-SWALE

I hereby certify that the improvements in MOUW Ferndale Auto Lube have been inspected by Sehome Engineering Inc. and constructed in conformance with the plans approved by the Public Works Director for said development and the general specifications adopted by the City of Ferndale, Department of Public Works.

EMERGENCY OVERFLOW

RIPRAP TO BE WELL GRADED WITH ROCK GRADATION AS FOLLOWS: 100% Passing 8" square sieve 40-60% Passing 6" square sieve 0-10% Passing 2" square sieve

- OFFSET FRAME GRATE SO THAT THE RESTRICTOR/POLLUTION DEVISE IS

VISIBLE AT THE EDGE OF OPENING

AND DIRECTLY OVER THE LADDER

(LOCKING LID REQUIRED). 2' MIN

& CLEANOUT GATE.

RIM = 34.6(AB)

HANDLE

RIM = 33.5

INV= 29.00

TYPE II-54" CATCH BASIN∕€

RESTRICTOR PLATE WITH

ORIFICE CUT IN PLATE

STANDARD GALVANIZED 🥆

WATERTIGHT CLEANOUT

GATE WITH 8 GAUGE

SLOPE 0.0040

CATCH BASIN LADDER

CLEARANCE BETWEEN LADDER STEPS

CHAIN-200 LB. CAPACITY, SLACK WHEN GATE IS DOWN. WELD CHAIN TO C.B.

-OVERFLOW ELEVATION SET TO PROVIDE REQUIRED DETENTION AND ADEQUATE

OUTLET PIPE 0 0.005

OIL SEPARATION PROTECTION.

-ORIFICE #3

2.5"ø

— ORIFICE #2

INV= 29.00

0.5"ø

CONTROL STRUCTURE

NOT TO SCALE

INV EL= 31.33

INV EL= 27.00

NOT TO SCALE

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