

Clean all existing asphalt, crack seal, seal coat, and paint

ACCEPTED ENGINEERING PRACTICES AND THAT THE PROPOSED FACILITIES SHOWN HEREON ARE CONSISTENT WITH THE DESIGN RECOMMENDATIONS CONTAINED IN THE STORMWATER DESIGN REPORT, PREPARED BY BENNETT ENGINEERING, LLC, DATED OCTOBER 5, 2016. I HEREBY AFFIRM THAT, TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THIS PLAN WAS PREPARED IN FULL COMPLIANCE WITH THE WHATCOM COUNTY STORMWATER ORDINANCE, WHATCOM COUNTY #94-022, AND IN COMPLIANCE WITH THE WHATCOM COUNTY DEVELOPMENT STANDARDS AND ALL TECHNICAL STANDARDS ADOPTED THEREUNDER.

REVIEW APPROVAL
 REVIEW IS FOR GENERAL COMPLIANCE AND CONSISTENCY WITH APPLICABLE WHATCOM COUNTY CODES, REGULATIONS, AND/OR STANDARDS
 NO RESPONSIBILITY IS ASSUMED FOR CORRECTNESS OF DATA, DIMENSIONS, OR DETAILS
 DEPARTMENT OF PUBLIC WORKS—ENGINEERING SERVICES
 BY _____ DATE _____

0	ISSUED FOR REVIEW	NCS	10/5/16
1	REVISED PER W.C. COMMENTS	TEB	5/16/17
2			
3			
4			
NO.	REVISION	BY	DATE

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 CIVIL ENVIRONMENTAL
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 Cell: (360) 739-9844

JOB NO.: 16027
 DWG. NAME: 16027-Eng Plan
 DESIGNED BY: TEB
 DRAWN BY: JSM
 CHECKED BY: TEB

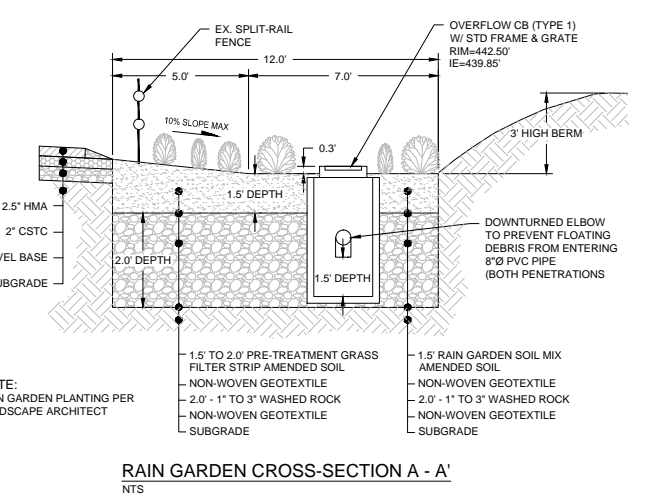
WHATCOM COUNTY LIBRARY SYSTEM
 5205 NORTHWEST DRIVE
 BELLINGHAM, WA 98226

PARKING LOT PAVING PLAN
 NORTH FORK COMMUNITY LIBRARY
 7506 KENDALL ROAD, WHATCOM CO.

DRAWING: C-2
 SHEET: 2 OF 2

- GENERAL NOTES:**
- ALL WORK AND MATERIALS SHALL BE PROVIDED IN ACCORDANCE WITH CURRENT WSDOT/APWA STANDARD SPECIFICATIONS, WHATCOM COUNTY DEVELOPMENT STANDARDS (WCDS), AND SHALL BE SUBJECT TO APPROVAL BY WHATCOM COUNTY PUBLIC WORKS DEPARTMENT, ENGINEERING DIVISION, ENGINEERING SERVICES (PWD).
 - DEVELOPER/CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION CONFERENCE WITH THE WHATCOM COUNTY PWD PROJECT MANAGER A MINIMUM OF 3 WORKING DAYS PRIOR TO BEGINNING ANY WORK.
 - NORMAL WORKING HOURS ARE 7:30 AM TO 4:00 PM, MONDAY THROUGH FRIDAY. WORK DURING HOLIDAYS, WEEKENDS, AND OUTSIDE THE NORMAL WORK HOURS REQUIRES PRIOR ARRANGEMENTS AND APPROVAL.
 - SIGHT DISTANCE REQUIRED AT ALL INTERSECTIONS PER CHAPTER 5, ROAD STANDARDS.
 - A REVOCABLE ENCROACHMENT PERMIT SHALL BE OBTAINED PRIOR TO COMMENCING WORK WITHIN COUNTY-MAINTAINED ROAD RIGHTS-OF-WAY.
 - THE CONTRACTOR SHALL CONTACT UTILITY LOCATION SERVICE 48 HOURS PRIOR TO STARTING WORK AT 1-800-424-5555 OR 811.
 - A COPY OF THE COUNTY-APPROVED DRAWINGS MUST BE ON THEJOB SITE WHENEVER WORK IS IN PROCESS.
 - WHATCOM COUNTY RESERVES THE RIGHT TO INSPECT ALL WORK. THE CONTRACTOR SHALL CALL THE PWD PROJECT MANAGER AT LEAST 24 HOURS IN ADVANCE OF THE FOLLOWING WORK ITEMS:
 - PLACEMENT OF TEMPORARY EROSION AND SEIMENTATION CONTROL MEASURES.
 - PLACEMENT OF WATER, SANITARY SEWER, AND STORM DRAINAGE LINES AND BACKFILLING OF THESE LINES WITHIN COUNTY MAINTAINED ROAD RIGHTS-OF-WAY.
 - PLACEMENT OF UNDERGROUND UTILITIES AND BACKFILLING WITHIN COUNTY MAINTAINED ROAD RIGHTS-OF-WAY.
 - ROADWAY GRADING AT THE COMPLETION OF THE SUBGRADE, BALLAST, AND OF CRUSHED SURFACING.
 - POURING OF CURB/GUTTER AND SIDEWALK.
 - ASPHALT PAVING, AT THE BEGINNING OF PAVING.
 - PRIOR TO PAVEMENT MARKING.
 - OVERALL INSPECTION OF FINISHED SHOULDERS, DITCHES, PERMANENT SEEDING, ROAD SIGNAGE, MONUMENT PLACEMENT, AND CLEANING OF DRAINAGE SYSTEM, AND CONSTRUCTION DEBRIS.
 - ALL WORK REQUIRED TO RELEASE ANY POSTED SECURITY.
 - THE CONTRACTOR MUST PROVIDE THE FOLLOWING TESTS, AT A MINIMUM (ADDITIONAL TESTING MAY BE REQUIRED):
 - CURB/GUTTER, SIDEWALK, ROADWAY BASE COMPACTION - MINIMUM 1 TEST EVERY 1-3 STATIONS, VARIES WITH LENGTH, MINIMUM OF 2 TESTS PER CATEGORY OR AT THE DIRECTION OF COUNTY INSPECTOR.
 - PROOF ROLL OF BASE MATERIAL WITH COUNTY INSPECTOR PRESENT BEFORE CRUSHED TOP SURFACING IS PLACED.
 - CONCRETE CYLINDER COMPRESSION - 1 CYLINDER EVERY THIRD LOAD - MINIMUM OF 2 SAMPLES/DAY.
 - HMA PAVING DENSITY - PER WSDOT STANDARD SPECIFICATIONS.
 - ALL TESTING REQUIRED FOR THE IMPROVEMENTS SHALL BE THE RESPONSIBILITY OF THE OWNER AND SHALL BE IN CONFORMANCE WITH THE WCDS.
 - THE CONTRACTOR SHALL RIP RAP ALL CULVERT INLETS AND OUTLETS.
 - THE CONTRACTOR SHALL RESTORE ALL PRIVATE AND PUBLIC PROPERTY DISTURBED BY THE WORK IMMEDIATELY AFTER CONSTRUCTION. THE CONTRACTOR SHALL NOT LEAVE ANY PART OF THE ROAD USED BY OTHERS UN-PASSABLE WITHOUT NOTIFICATIONS AND AGREEMENT OF OTHER USERS.
 - ALL CUT AND FILL SLOPES SHALL BE MULCHED AND SEEDED FOR EROSION CONTROL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SLOPE EROSION UNTIL VEGETATION IS FIRMLY ESTABLISHED.
 - CONTRACTOR SHALL SWEEP AND REMOVE ALL DEBRIS TRACKED ONTO EXISTING ROADS DURING ALL PHASES OF CONSTRUCTION.
 - ANY TREE, WHERE ONE-THIRD OF THE ROOT SYSTEM IS DAMAGED BY WORK, SHALL BE REMOVED.
 - THE CONTRACTOR SHALL INFORM THE ENGINEER OF RECORD (EOR) AND OBTAIN APPROVAL FROM WHATCOM COUNTY ENGINEERING DIVISION OF ANY PROPOSED CHANGES IN PLANS PRIOR TO IMPLEMENTATION OF THE CHANGE. THE CONTRACTOR SHALL KEEP RECORDS OF DEVIATIONS AND FORWARD TO THE EOR AND WHATCOM COUNTY ENGINEERING DIVISION.
 - TRAFFIC CONTROL IS TO BE MAINTAINED IN ACCORDANCE WITH WSDOT/APWA STANDARD SPECIFICATIONS.
 - THE DEVELOPER/CONTRACTOR SHALL POST A WARRANTY SECURITY AS REQUIRED BY THE WHATCOM COUNTY DEVELOPMENT STANDARDS.
 - THE EOR SHALL PROVIDE RECORD DRAWINGS PER WCDS 507.D.

- PARKING LOT IMPROVEMENTS**
- DESIGN GRADING POINTS HAVE BEEN ESTABLISHED THROUGHOUT THE PARKING AREA BASED ON THE ORIGINAL TOP OF SIDEWALK GRADES CALLED OUT IN THE PHASE 1 CONSTRUCTION DRAWINGS. THE PROJECT SURVEYOR SHALL CONFIRM THOSE GRADING POINTS PRIOR TO COMMENCING SITE GRADING WORK. IN GENERAL, THE FINISHED ASPHALT SURFACE HAS BEEN SET 4 INCHES (0.33 FEET) BELOW TOP OF THE ABUTTING SIDEWALKS AND CONCRETE ISLANDS IN THE PARKING AREA. THE EXISTING GRAVEL SURFACING AROUND THE CONCRETE HANDICAP PARKING STALLS WILL HAVE TO BE REMOVED SUCH THAT THE ASPHALT GRADE MATCHES THE TOP OF CONCRETE.
 - THE DESIGN SLOPES WITHIN THE ASPHALT PARKING AREAS ARE 2% MINIMUM AND 3.8% MAXIMUM. THE DESIGN GOAL IS TO SHEET FLOW RUNOFF FROM THE PARKING AREAS, ACROSS A 2-FOOT WIDE GRAVEL SHOULDER, AND INTO THE EXISTING RAIN GARDENS.
 - THE PAVEMENT SECTION FOR THE PARKING LOT IMPROVEMENTS SHALL CONSIST OF 2.5 INCHES OF HOT MIX ASPHALT CONCRETE, OVER 2 INCHES CRUSHED SURFACING TOP COURSE (CSTC), OVER 8 INCHES GRAVEL BASE, OVER FIRM, UNYIELDING NATIVE SOIL. THE GRAVEL SHOULDERS, WHERE SHOWN, SHALL BE AT LEAST 2 FEET WIDE AND SHALL CONSIST OF 3 INCHES MINIMUM OF COMPACTED CSTC.
 - CSTC USED FOR PAVEMENT SUBGRADE AND SHOULDER CONSTRUCTION SHALL BE 5/8-INCH MINUS MATERIAL CONFORMING TO WSDOT 9-03.9(3).
 - GRAVEL BASE USED FOR PAVEMENT SUBGRADE SHALL CONFORM TO WSDOT 9-03.10.
 - THE EXISTING 36-FOOT WIDE ACCESS APRON FROM KENDALL ROAD WAS MODIFIED AS PART OF THE TRAFFIC ROUNDABOUT IMPROVEMENT TO THE SOUTH OF THE SITE. THE EXISTING NORTH EDGE OF THE APRON SHALL BE SAW CUT PRIOR TO COMMENCING THE PAVING IMPROVEMENTS. MULTIFLIES ASPHALT GRADE CSS-1 TACK, OR EQUAL, SHALL BE APPLIED TO SAW CUT EDGES. ALL JOINTS SHALL BE SEALED USING PAVING ASPHALT AR-4000W, IN ACCORDANCE WITH SECTION 512.F OF THE DEVELOPMENT STANDARDS.
 - EXTRUDED ASPHALT CONCRETE CURBS SHALL BE INSTALLED ALONG THE WESTERN EDGE OF PAVEMENT AND OTHER LOCATIONS, WHERE SHOWN, IN ACCORDANCE WITH WC STD 508.F-1 AND WSDOT 8-04.3(2).
 - THE EXISTING PRE-CAST WHEEL STOPS INSTALLED AT THE SITE SHALL BE REMOVED PRIOR TO GRADING WORK AND RE-INSTALLED FOLLOWING COMPLETION OF THE ASPHALT PAVING. ADDITIONAL WHEEL STOPS WILL BE PROVIDED AND INSTALLED, AS NEEDED.
 - STRIPING FOR PARKING STALLS SHALL COMPLY WITH WSDOT 8-22 AND 9-34.



PAVING POINT ELEVATIONS

POINT	ELEVATION
A	444.25
B	443.73
C	443.65
D	443.65
E	445.00
F	445.65
G	445.65
H	445.41
I	445.81
J	445.41
K	445.41
L	445.81
M	445.9±
N	444.4±
O	444.8±
P	443.4±
Q	442.7±
R	443.30
S	442.60
T	442.60

