15,000 SF BUILDING

EXISTING CASED W.S.D.O.T. MONUMENT

TO BE VACATED (~1,200 SF/0.03 AC)

Legal Descriptions

TAX PARCEL 4062-005-002-0103

LOTS 2 AND 3, BLOCK 5, WHEELER'S ADDITION TO SIDNEY, CONVEYED BY EXCEPT THE SOUTH 80 FEET.

TAX PARCEL 4062-005-002-0004

THE SOUTH 80 FEET OF LOT 2, BLOCK 5, WHEELER'S ADDITION TO SIDNEY, KITSAP COUNTY, WASHINGTON.

Curve Data

CURVE	DELTA	RADIUS	LENG'
C1	1°27'37"	548.30'	13.97
C2	3°23'31"	448.30'	26.54
C3	13°10'31"	428.30'	98.49
C4	8°08'46"	428.30'	60.90
C5	0°53'18"	548.30'	8.50

Temporary Bench Mark No. 1 Note

PARCEL NO.	TAX ACCOUNT No.	<u>AREA</u>
PARCEL A PARCEL B	4062-005-002-0103 4062-005-002-0004	1,895 SF (0.04 AC) 3,761 SF (0.09 AC)
PARCEL C	4062-005-007-0009	53,360 SF (1.22 AC)
	NIGHT-OF-WAY VACATION T-OF-WAY VACATION	6,066 SF (0.14 AC) 1,200 SF (0.03 AC)
ALLEY VACATION		705 SF 0.02 AC)
	TOTAL SITE AREA	66 987 SF (1 54 AC)

SITE DATA*

SITE IMPERVIOUS AREAS

	ASPHALT
8	CONCRETE CURB, GUTTER, SIDEWALKS & DUMPSTER PAD 2,800 SF (0.06 AC)
	TOTAL SITE IMPERVIOUS AREA
	SITE PERVIOUS AREAS

	UNDISTURBED/RETAINED NATIVE VEGETATION.	. 30,053	SF	(0.69	AC)
99	SITE LANDSCAPE	. 4,536	SF	(0.11	AC)
	TOTAL SITE PERVIOUS AREA	. 34,589	SF	(0.80	AC)
	TOTAL SITE AREA	. 66,987	SF	(1.54	AC)

OFF-SITE (WITHIN SR-166 ROW)

ASPHALT.			٠	•	•	•		•	·	v	.667 SF (0.02 AC)

PARKING

HANDICAP STALLS	. 2
STANDARD STALLS	. 48
TOTAL PARKING	.50 (15,000 SF/300 SF PER STALL=50 STALLS

ZONING COMMERCIAL

SITE DATA AND EARTHWORK QUATITIES FOR INFORMATION ONLY - NOT FOR CONSTRUCTION.

APPROXIMATE EARTHWORK QUANITY:* CUT QUANTITY = $10,800 \pm C.Y$ FILL QUANTITY = $1,900 \pm C.Y.$

PORTION OF RIGHT-OF-WAY-

TO BE VACATED

(CONTRACTOR TO VERIFY QUANTITIES PRIOR TO CONSTRUCTION)

NOTE

THE APPROXIMATE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN ON THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES THAT MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO LOCATE, PRESERVE AND PROTECT UNDERGROUND UTILITIES.

> CALL 48 HOURS **BEFORE YOU DIG** 811

	MAGNETIC OR PK NAIL AS NOTED	× 402.6	EXISTING GROUND SPOT ELEVATION
	EXISTING DITCH / DRAINAGE COURSE	$\stackrel{\textstyle \sim}{\longrightarrow}$	EXISTING SURFACE DRAINAGE FLOW DIRECTION
	EXISTING UTILITIES POLE & GUY ANCHOR	, A b	EXISTING CONCRETE SURFACE
	EXISTING WATER VALVE	-0-0-	EXISTING CHAIN LINK FENCE
	EXISTING TRAFFIC SIGN	The second secon	EXISTING BOARD/WIRE FENCE
	CONIFER TREE, DIAMETER AND		EXISTING ROCK RETAINING WALL
	TYPE AS NOTED		EXISTING SANITARY SEWER MANHOLE
	DECIDUOUS TREE, DIAMETER AS NOTED,	SS	EXISTING SANITARY SEWER LINE
	TYPE (IF KNOWN) SHOWN HEREON		EXISTING STORM DRAIN MANHOLE
			EXISTING WATER LINE
			EXISTING CATCH BASIN
		-0-	EXISTING UTILITIES POLE
			EXISTING TELEPHONE RISER
			EXISTING JUNCTION BOX
		φ	EXISTING LUMINAIRE
,		Q	EXISTING FIRE HYDRANT
	17	⊗	EXISTING WATER VALVE

EXISTING GROUND CONTOUR (2' INTERVALS)

EXISTING WATER METER

--- -- EASEMENT LINE

EXISTING ADJACENT LOT LINE

PROPOSED BUILDING PROPOSED CONCRETE PROPOSED HMA PAVEMENT PROPOSED LANDSCAPING SITE PROPERTY LINE/BOUNDARY - - RIGHT-OF-WAY PC CONCRETE CURB PC CONCRETE CURB AND GUTTER SYMBOL OF ACCESSIBILITY --- w --- PROPOSED WATER LINE PROPOSED STORM PIPE --- FD --- PROPOSED FOOTING DRAIN PROPOSED SANITARY SEWER CLEANOUT PROPOSED STORM TYPE I CB PROPOSED STORM TYPE I CB W/BEEHIVE GRATE PROPOSED STORM TYPE II CB PROPOSED SANITARY SEWER MANHOLE PROPOSED FIRE HYDRANT

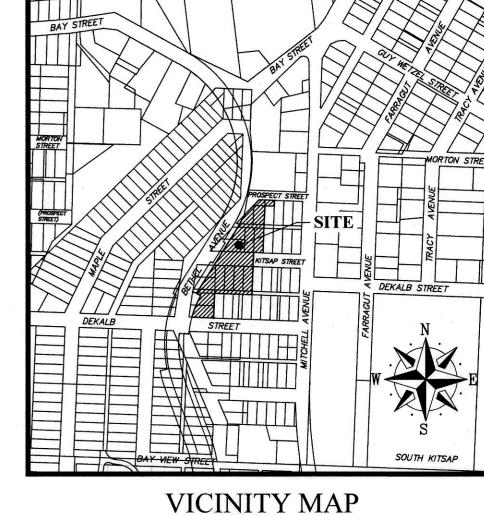
////////

PROPOSED BIORETENTION CELL

PROPOSED BIKE RACK

RETAINING/LANDSCAPE WALL

LEGEND



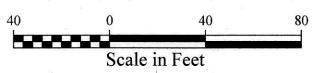
PORTION OF SECTION 25 TOWNSHIP 24N, RANGE 1 EAST, WM NOT TO SCALE



Scale: 1''= 40' **BASIS OF BEARINGS:**

BOOK 5 OF SURVEYS, PAGE 48

BASIS OF VERTICAL DATUM: NATION OCEAN SERVICE (N.O.S.) BENCH MARK "N-255" ELEVATION = 11.66



RECEIVED Permit Center JUL 28, 2020 City of Port Orchard **Community Development**

	SHEET INDEX
SHEET	DESCRIPTION
C1.0	COVER SHEET
C2.0	TOPOGRAPHIC SURVEY 1
C2.1	TOPOGRAPHIC SURVEY 2
C3.0	SITE PLAN
C3.1	SITE DETAILS AND SECTIONS
C3.2	SITE DETAILS
C3.3	ROAD PROFILE
C4.0	T.E.S.C. & DEMOLITION PLAN
C4.1	T.E.S.C. NOTES & DETAILS
C4.2	T.E.S.C. DETAILS
C5.0	STORM DRAINAGE & GRADING PLAN
C5.1	STORM DRAINAGE AND GRADING NOTES & DETAILS
C5.2	STORM NOTES & DETAILS
C5.3	STORM WATER QUALITY DETAILS
C6.0	UTILITY PLAN
C6.1	SANITARY SEWER NOTES & DETAILS
C6.2	SANITARY SEWER DETAILS
C6.3	WATER NOTES & DETAILS
C6.4	WATER DETAILS
C7.0	LANDSCAPE PLAN

PW20-041 PW20-042

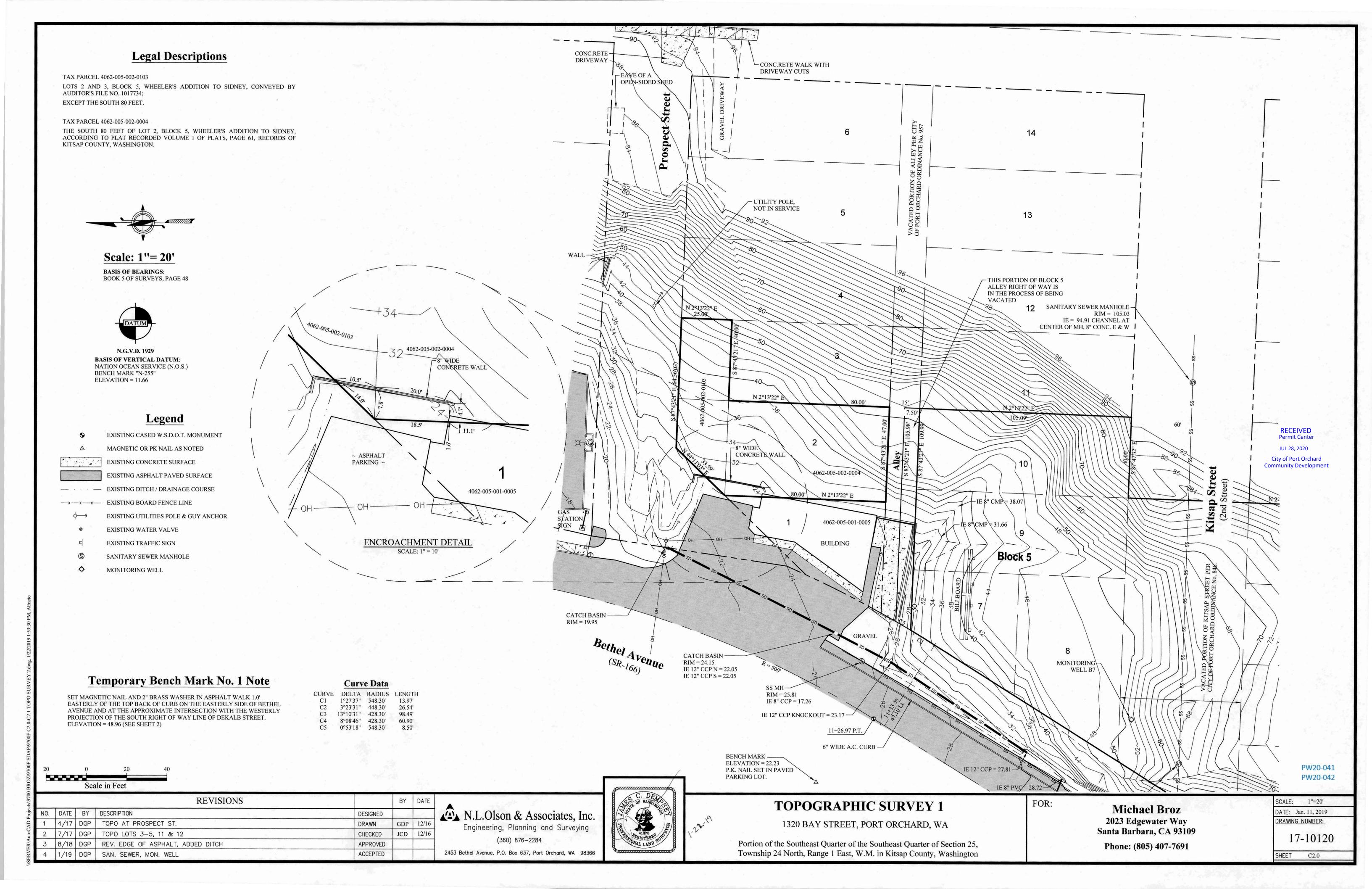
N.L Olson & Associates, Inc. Engineering, Planning and Surveying (360) 895-2350 or (360) 876-2284 2453 Bethel Avenue, P.O. Box 637, Port Orchard, WA 98366

REQUIRED)



For: Michael Broz 2023 Edgewater Way Santa Barbara, CA 93109

Phone: (805) 407-7691



Scale: 1''= 20'

BASIS OF BEARINGS: BOOK 5 OF SURVEYS, PAGE 48



N.G.V.D. 1929 **BASIS OF VERTICAL DATUM:** NATION OCEAN SERVICE (N.O.S.) BENCH MARK "N-255" ELEVATION = 11.66

Legend

EXISTING CASED W.S.D.O.T. MONUMENT

MAGNETIC OR PK NAIL AS NOTED

EXISTING CONCRETE SURFACE

EXISTING ASPHALT PAVED SURFACE EXISTING DITCH / DRAINAGE COURSE

—x—x—x— EXISTING BOARD FENCE LINE

EXISTING UTILITIES POLE & GUY ANCHOR

EXISTING WATER VALVE

EXISTING TRAFFIC SIGN

SANITARY SEWER MANHOLE

MONITORING WELL

Legal Descriptions

TAX PARCEL 4062-005-002-0103

LOTS 2 AND 3, BLOCK 5, WHEELER'S ADDITION TO SIDNEY, CONVEYED BY AUDITOR'S FILE NO. 1017734;

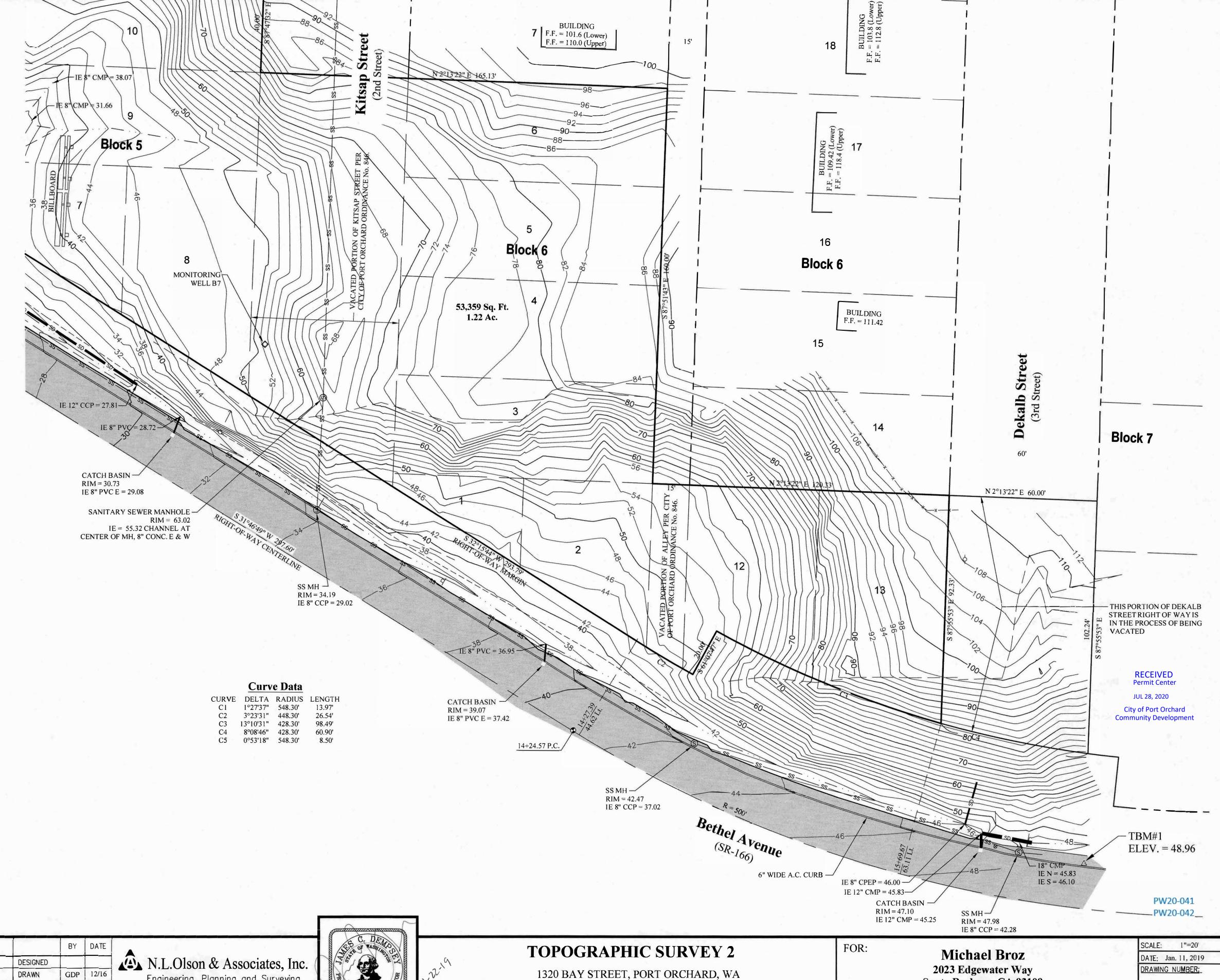
EXCEPT THE SOUTH 80 FEET.

TAX PARCEL 4062-005-002-0004

THE SOUTH 80 FEET OF LOT 2, BLOCK 5, WHEELER'S ADDITION TO SIDNEY, ACCORDING TO PLAT RECORDED VOLUME I OF PLATS, PAGE 61, RECORDS OF KITSAPCOUNTY, WASHINGTON.

Temporary Bench Mark No. 1 Note

SET MAGNETIC NAIL AND 2" BRASS WASHER IN ASPHALT WALK 1.0' EASTERLY OF THE TOP BACK OF CURB ON THE EASTERLY SIDE OF BETHEL AVENUE AND AT THE APPROXIMATE INTERSECTION WITH THE WESTERLY PROJECTION OF THE SOUTH RIGHT OF WAY LINE OF DEKALB STREET. ELEVATION = 48.96 (SEE SHEET 2)



Portion of the Southeast Quarter of the Southeast Quarter of Section 25,

Township 24 North, Range 1 East, W.M. in Kitsap County, Washington

Santa Barbara, CA 93109

Phone: (805) 407-7691

17-10120

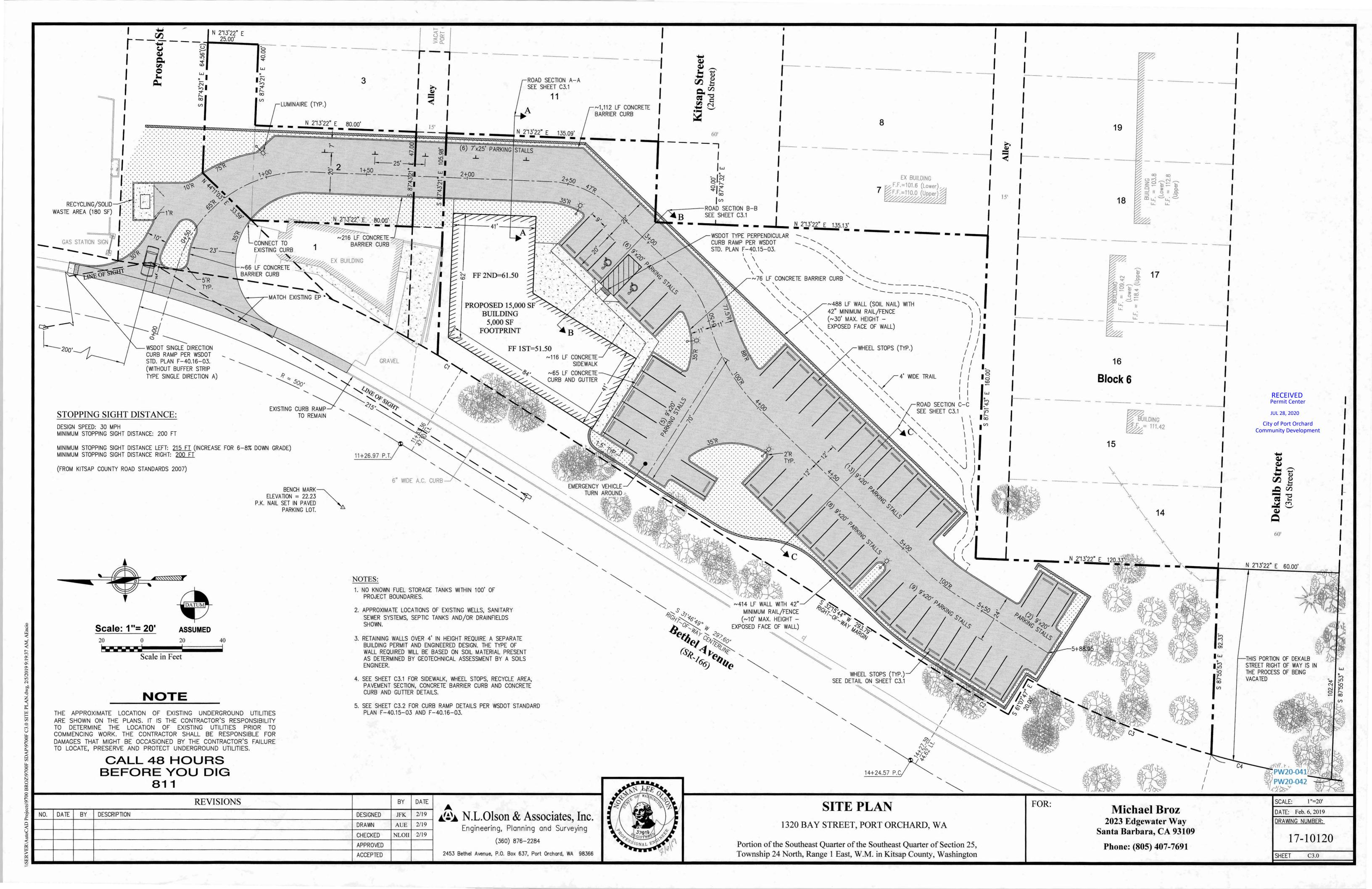
SHEET C2.1

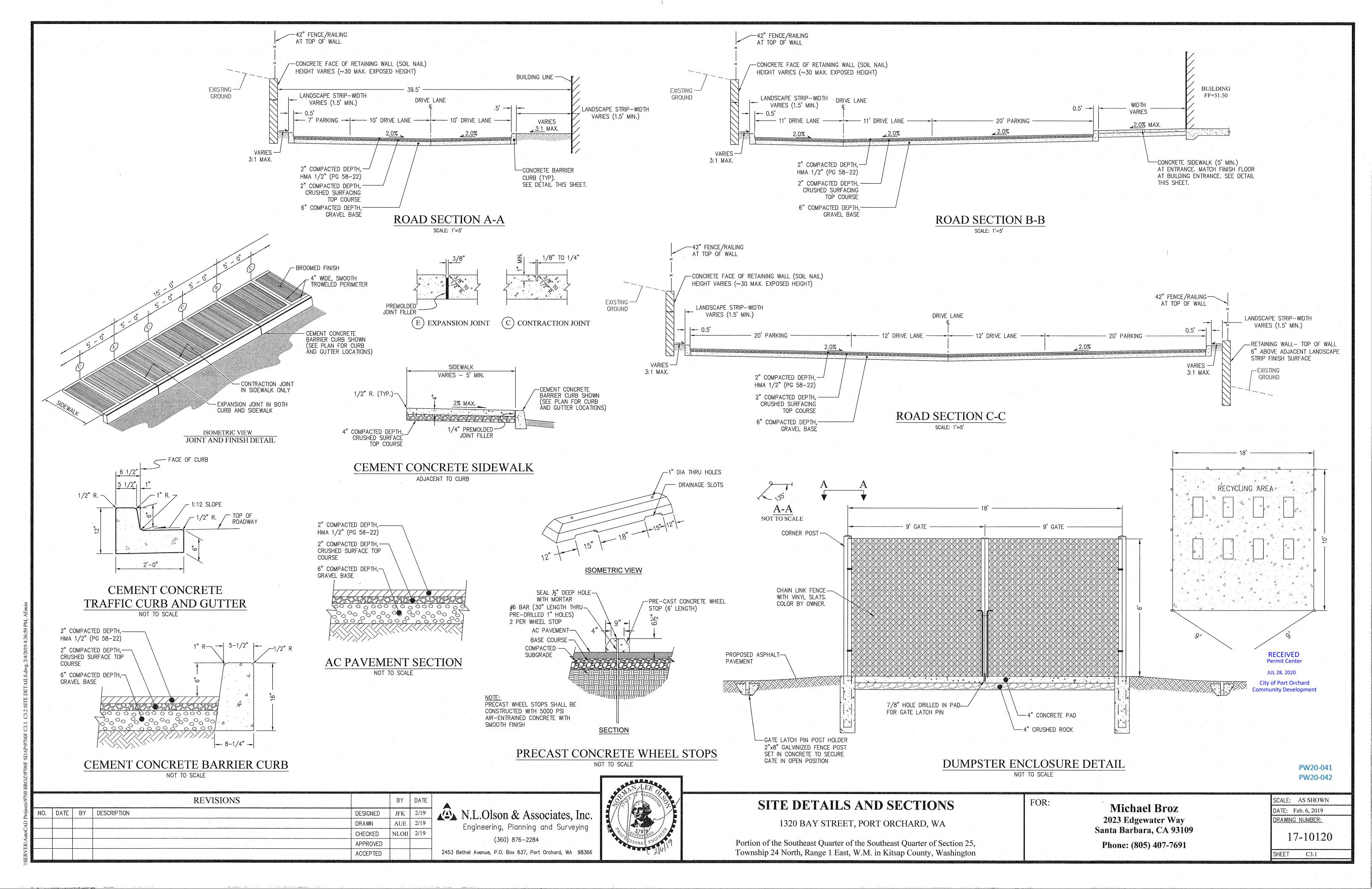
Scale in Feet

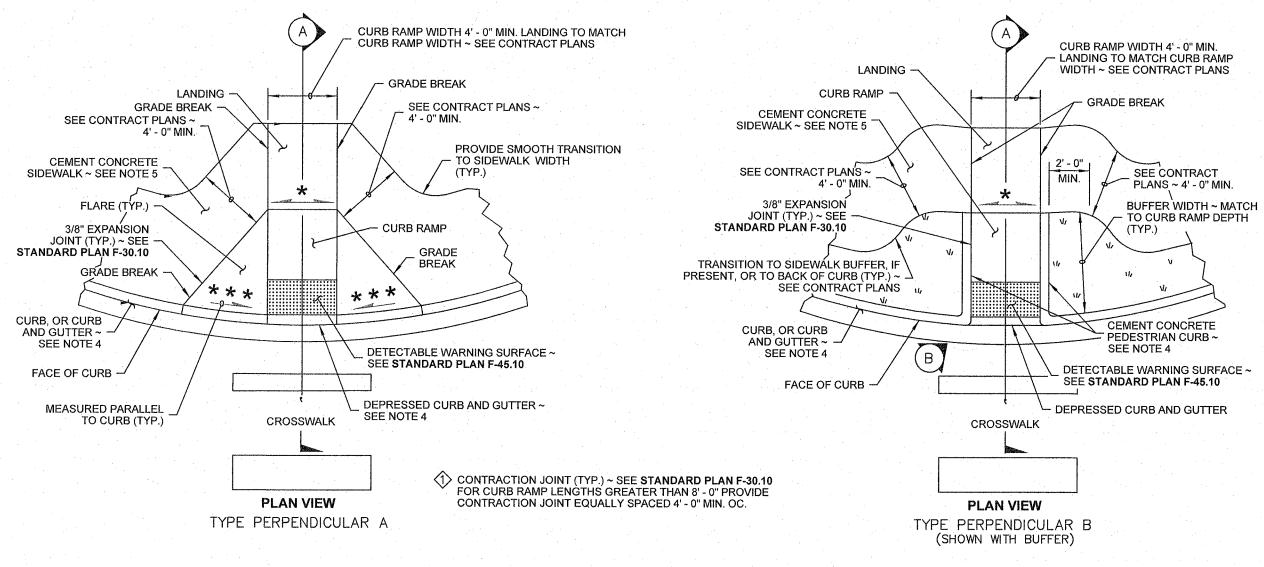
REVISIONS NO. DATE BY DESCRIPTION 1 4/17 DGP TOPO AT PROSPECT ST. DRAWN GDP | 12/16 2 7/17 DGP TOPO LOTS 3-5, 11 & 12 JCD | 12/16 CHECKED 3 8/18 DGP REV. EDGE OF ASPHALT, ADDED DITCH **APPROVED** 4 1/19 DGP SAN. SEWER, MON. WELL ACCEPTED

N.L.Olson & Associates, Inc. Engineering, Planning and Surveying (360) 876-2284

2453 Bethel Avenue, P.O. Box 637, Port Orchard, WA 98366

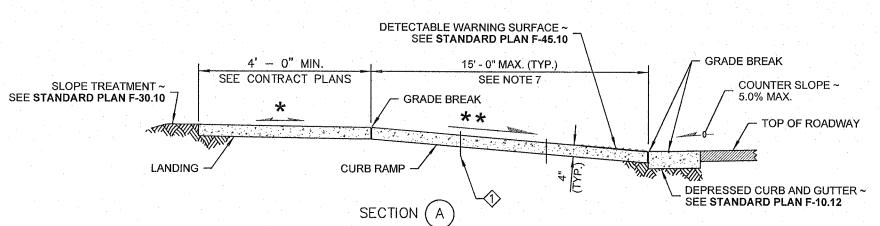


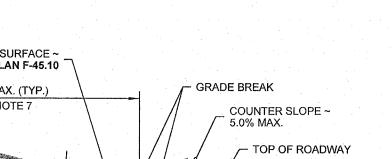




LEGEND

- SLOPE IN EITHER DIRECTION
- 1.5 OR FLATTER RECOMMENDED FOR DESIGN/FORMWORK (2% MAX.)
- * * 7.5% OR FLATTER RECOMMENDED FOR DESIGN/FORMWORK (8.3% MAX.)
- * * * * 9.5% OR FLATTER RECOMMENDED FOR DESIGN/FORMWORK (10% MAX.)

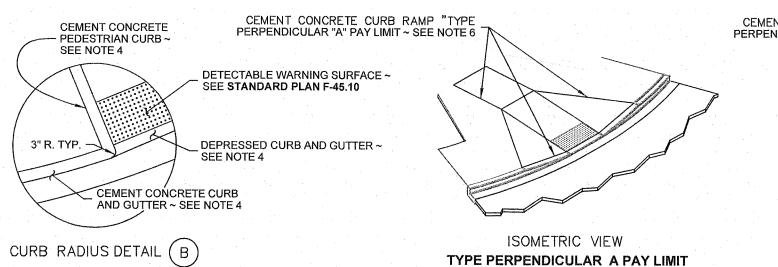


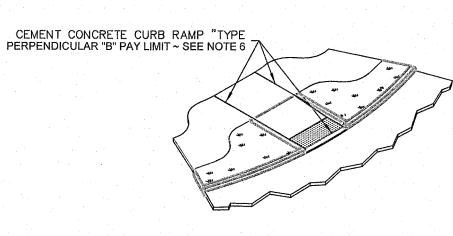


- 1. At marked crosswalks, the connection between the curb ramp and the roadway must be contained within the width of the crosswalk markings.
- 2. Where "GRADE BREAK" is called out, the entire length of the grade break between the two adjacent surface planes shall be flush.
- 3. Do not place Gratings, Junction Boxes, Access Covers, or other appurtenances on any part of the Curb Ramp or Landing, or in front of the Curb Ramp where it connects to the roadway.
- 4. See Contract Plans for the curb design specified. See **Standard Plan F-10.12** for Curb, Curb and Gutter, Depressed Curb and Gutter, and
- 5. See Standard Plan F-30.10 for Cement Concrete Sidewalk Details. See Contract Plans for width and placement of sidewalk.
- 6. The Bid Item "Cement Concrete Curb Ramp Type __" does not include the adjacent Curb, Curb and Gutter, Depressed Curb and Gutter, Pedestrian Curb, or Sidewalks.
- 7. The Curb Ramp length is not required to exceed 15 feet (unless shown the running slope of the Curb Ramp is allowed to exceed 8.3%. Use a single constant slope from bottom of ramp to top of ramp to match into the landing over a horizontal distance of 15 feet. Do not include the abutting landing in the 15-foot max. measurement.
- 8. Curb Ramps and Landings shall receive a broom finish. See **Standard Specifications 8-14.**
- 9. Pedestrian Curb may be omitted if the ground surface at the back of the Curb Ramp and/or Landing will be at the same elevation as the Curb Ramp or Landing and there will not be material to retain.

ISOMETRIC VIEW

TYPE PERPENDICULAR B PAY LIMIT





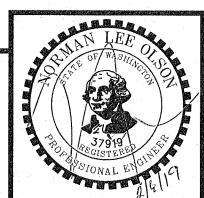
WSDOT STANDARD PLAN F-40.15-03 PERPENDICULAR CURB RAMP DETAIL

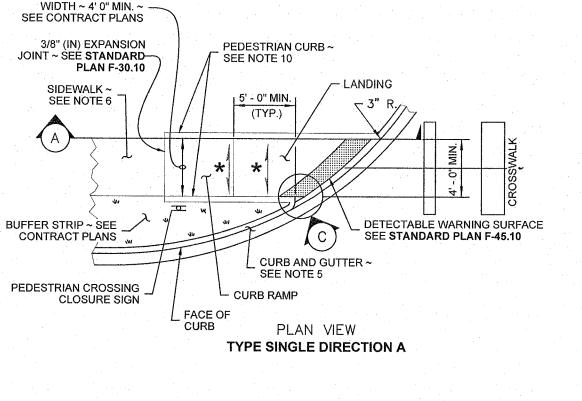
NOT TO SCALE

REVISIONS NO. DATE BY DESCRIPTION DESIGNED DRAWN AUE | 2/19 NLOII 2/19 CHECKED APPROVED ACCEPTED

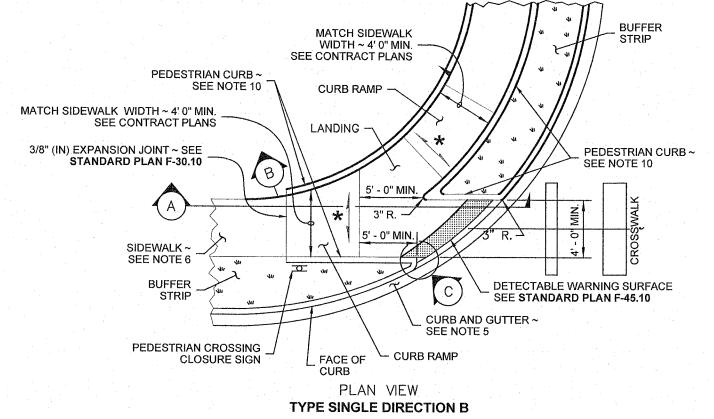
N.L.Olson & Associates, Inc. Engineering, Planning and Surveying (360) 876-2284

2453 Bethel Avenue, P.O. Box 637, Port Orchard, WA 98366





MATCH SIDEWALK



NOTES

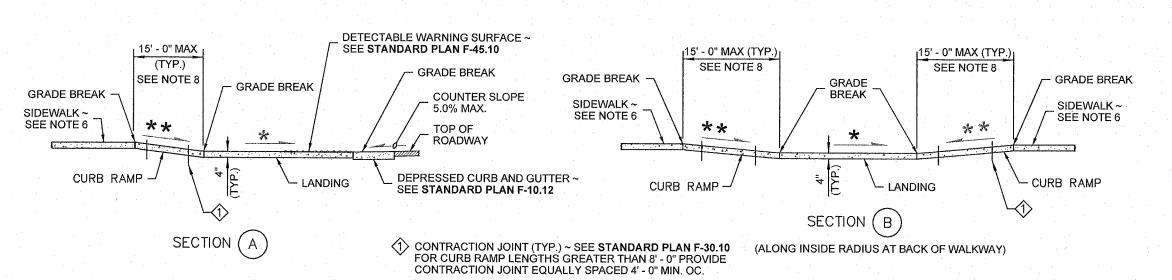
- 1. This plan is to be used where pedestrian crossing in one direction is not
- 2. At marked crosswalks, the connection between the Landing and the roadway must be contained within the width of the crosswalk markings.
- 3. Where "GRADE BREAK" is called out, the entire length of the grade break between the two adjacent surface planes shall be flush.
- 4. Do not place Gratings, Junction Boxes, Access Covers, or other appurtenances on any part of the Curb Ramp or Landing or in the Depressed Curb and Gutter where the Landing connects to the roadway.
- 5. See Contract Plans for the curb design specified. See **Standard Plan F-10.12** for Curb, Curb and Gutter, Depressed Curb, Gutter and Pedestrian Curb details.
- 6. See Standard Plan F-30.10 for Cement Concrete Sidewalk Details. See Contract Plans for width and placement of sidewalk.
- 7. The Bid Item "Cement Concrete Curb Ramp Type __" does not include the adjacent Curb, Curb and Gutter, Depressed Curb and Gutter, Pedestrian Curb. or Sidewalks.
- 8. The Curb Ramp length is not required to exceed 15 feet (unless shown otherwise in the Contract Plans). When applying the 15-foot max. length (measured from back of sidewalk) the running slope of the curb ramp is allowed to exceed 8.3%. Use a single constant slope from bottom of ramp to top of ramp to match into the sidewalk over a horizontal distance of 15 feet.
- 9. Curb Ramps and Landings shall receive a broom finish. See **Standard Specifications 8-14.**
- 10. Pedestrian Curb may be omitted if the ground surface at the back of the Curb Ramp and/or Landing will be at the same elevation as the Curb Ramp or Landing and there will not be material to retain.

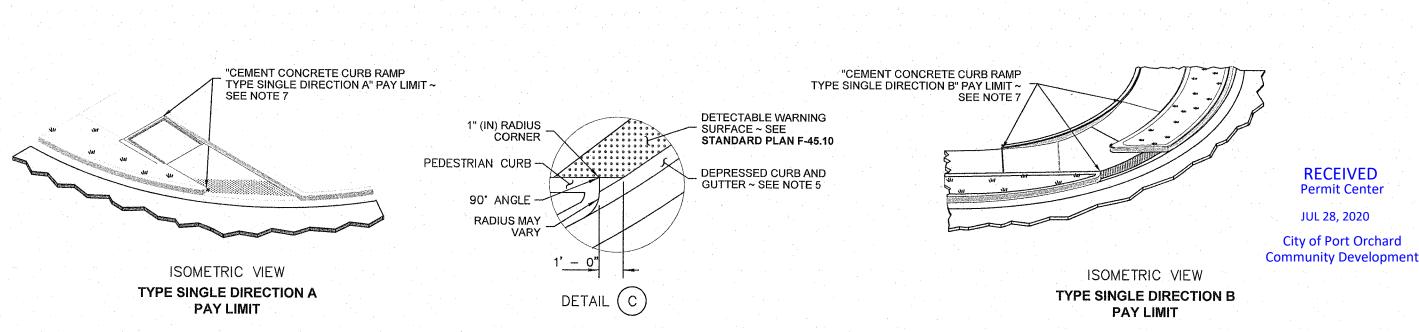
LEGEND

SLOPE IN EITHER DIRECTION

DESIGN/FORMWORK (2% MAX.)

7.5% OR FLATTER RECOMMENDED FOR DESIGN/FORMWORK (8.3% MAX.)





WSDOT STANDARD PLAN F-40.16-03 SINGLE DIRECTION CURB RAMP DETAIL NOT TO SCALE

PW20-041 PW20-042

RECEIVED

Permit Center

JUL 28, 2020

SITE DETAILS

1320 BAY STREET, PORT ORCHARD, WA

Portion of the Southeast Quarter of the Southeast Quarter of Section 25, Township 24 North, Range 1 East, W.M. in Kitsap County, Washington FOR:

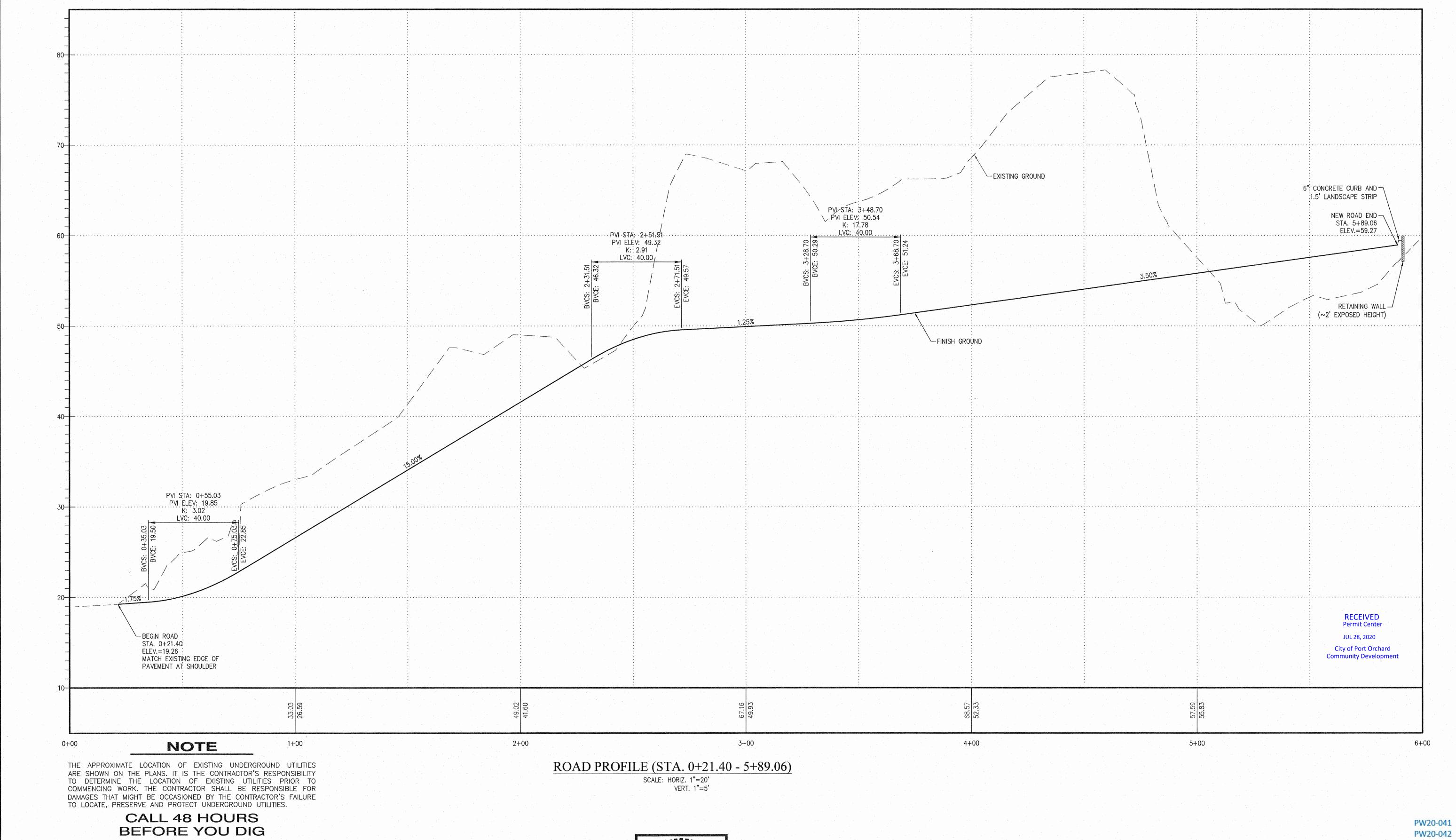
Michael Broz 2023 Edgewater Way Santa Barbara, CA 93109

Phone: (805) 407-7691

SCALE: AS SHOWN DATE: Feb. 6, 2019 RAWING NUMBER:

> SHEET C3.2

17-10120



811

NO. DATE BY DESCRIPTION

REVISIONS BY DATE DESIGNED JFK 2/19 DRAWN AUE 2/19 NLOII 2/19 CHECKED APPROVED

ACCEPTED

N.L.Olson & Associates, Inc.

Engineering, Planning and Surveying (360) 876-2284

2453 Bethel Avenue, P.O. Box 637, Port Orchard, WA 98366

ROAD PROFILE

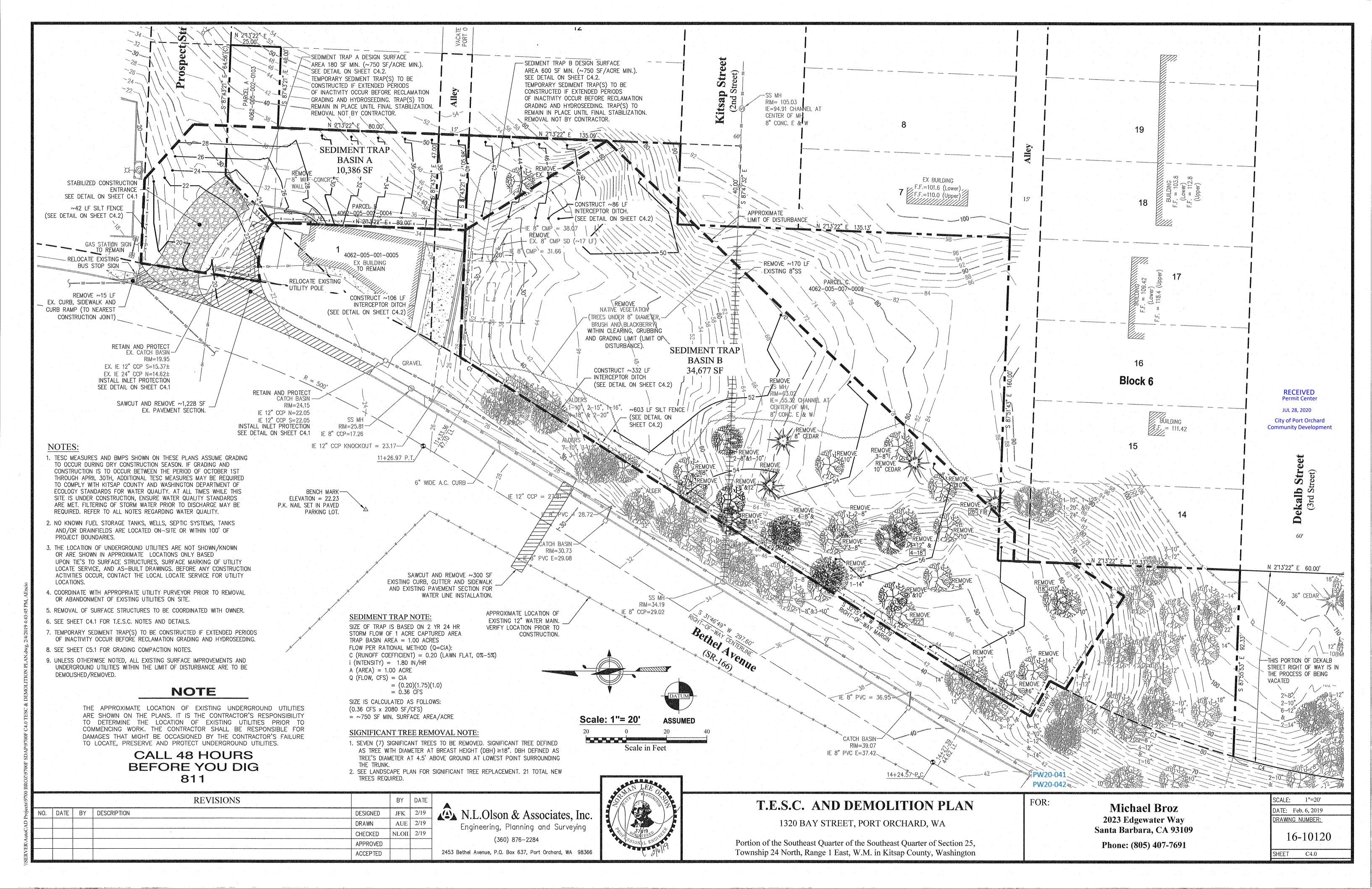
1320 BAY STREET, PORT ORCHARD, WA

Portion of the Southeast Quarter of the Southeast Quarter of Section 25, Township 24 North, Range 1 East, W.M. in Kitsap County, Washington FOR:

Michael Broz 2023 Edgewater Way Santa Barbara, CA 93109 Phone: (805) 407-7691

SCALE: AS SHOWN DATE: Feb. 6, 2019 DRAWING NUMBER: 17-10120

SHEET C3.3



APPROVAL OF THIS EROSION AND SEDIMENTATION CONTROL PLAN DOES NOT

CONSTITUTE AN ACCEPTANCE OF THE PERMANENT ROAD OR DRAINAGE DESIGN.

- THE OWNER AND HIS/HER CONTRACTOR SHALL BE RESPONSIBLE AT ALL TIMES FOR PREVENTING SILT-LADEN RUNOFF FROM DISCHARGING FROM THE PROJECT SITE, FAILURE BY THE OWNER AND/OR CONTRACTOR CAN RESULT IN A FINE. THE DESIGNATED TEMPORARY CONTACT PERSON NOTED ON THIS PLAN MUST BE AVAILABLE FOR CONTACT BY TELEPHONE ON A 24 HOUR BASIS THROUGHOUT CONSTRUCTION AND UNTIL THE PROJECT HAS BEEN COMPLETED AND ACCEPTED BY THE CITY.
- 3. THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT AND UPGRADING OF THESE FACILITIES IS THE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR FROM THE BEGINNING OF CONSTRUCTION UNTIL ALL CONSTRUCTION IS COMPLETED AND ACCEPTED BY THE CITY AND THE SITE IS STABILIZED.
- PRIOR TO BEGINNING ANY WORK ON THE PROJECT SITE, A PRE-CONSTRUCTION CONFERENCE MUST BE HELD, AND SHALL BE ATTENDED BY THE GENERAL CONTRACTOR. THE PROJECT ENGINEER, REPRESENTATIVES FROM THE AFFECTED UTILITIES, AND A REPRESENTATIVE OF THE CITY.
- 5. THE EROSION AND SEDIMENTATION CONTROL FACILITIES SHOWN ON THIS PLAN-ARE TO BE CONSIDERED ADEQUATE BASIC REQUIREMENTS FOR THE ANTICIPATED SITE CONDITIONS. DURING CONSTRUCTION, DEVIATIONS FROM THIS PLAN MAY BE NECESSARY IN ORDER TO MAINTAIN WATER QUALITY. MINOR DEPARTURES FROM THIS PLAN ARE PERMITTED SUBJECT TO THE APPROVAL OF THE CITY INSPECTOR. HOWEVER, EXCEPT FOR EMERGENCY SITUATIONS, ALL OTHER DEVIATIONS FROM THIS PLAN MUST BE DESIGNED BY THE PROJECT ENGINEER AND APPROVED BY CITY PRIOR TO INSTALLATION.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED BY THE OWNER AND/OR CONTRACTOR ON A FREQUENT BASIS AND IMMEDIATELY AFTER EACH RAINFALL, AND MAINTAINED AS NECESSARY TO INSURE THEIR CONTINUED FUNCTIONING. ALL SEDIMENT MUST BE REMOVED FROM THE SILT FENCES, STRAW BALES, SEDIMENT PONDS, ETC. PRIOR TO THE SEDIMENT REACHING 1/2 ITS MAXIMUM POTENTIAL DEPTH.
- AT NO TIME SHALL CONCRETE, CONCRETE BYPRODUCTS, VEHICLE FLUIDS, PAINT, CHEMICALS, OR OTHER POLLUTING MATTER BE PERMITTED TO DISCHARGE TO THE TEMPORARY OR PERMANENT DRAINAGE SYSTEM, OR TO DISCHARGE FROM THE PROJECT SITE.
- PERMANENT DETENTION/RETENTION PONDS, PIPES, TANKS OR VAULTS MAY ONLY BE USED FOR SEDIMENT CONTAINMENT WHEN SPECIFICALLY INDICATED ON
- ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE MOST CURRENT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION PREPARED BY WSDOT AND APWA AS ADOPTED BY THE CITY.
- 10. ANY REVISIONS TO THE ACCEPTED CONSTRUCTION PLANS SHALL BE REVIEWED AND APPROVED BY THE CITY PRIOR TO IMPLEMENTATION IN FIELD.
- 11. THE CONTRACTOR SHALL MAINTAIN A SET OF ACCEPTED CONSTRUCTION DRAWINGS ON SITE AT ALL TIMES WHILE CONSTRUCTION IS IN PROGRESS.
- 12. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS FROM THE CITY PRIOR TO COMMENCING ANY WORK WITHIN CITY RIGHT-OF-WAY.
- 13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE TRAFFIC CONTROL AT ALL TIMES DURING CONSTRUCTION ALONGSIDE OR WITHIN ALL PUBLIC ROADWAYS. TRAFFIC FLOW ON EXISTING PUBLIC ROADWAYS SHALL BE MAINTAINED AT ALL TIMES, UNLESS PERMISSION IS OBTAINED FROM THE CITY FOR ROAD CLOSURE AND/OR DETOURS.
- 14. CONSTRUCTION SHALL FOLLOW THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEERING INVESTIGATION PREPARED BY N.L. OLSON AND ASSOCIATES DATED JANUARY, 2019.

CONSTRUCTION SEQUENCE

- APPLY FOR AND PICK UP ANY REQUIRED ROAD APPROACH, OR RIGHT OF WAY PERMITS FROM THE CITY.
- 2. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE(S).
- 3. CONSTRUCT FILTER FENCE BARRIERS.
- 4. CONSTRUCT SEDIMENTATION BASINS AND DISCHARGE PIPES.
- 5. CONSTRUCT RUNOFF INTERCEPTION AND DIVERSION DITCHES.
- CLEAR AND GRADE THE MINIMUM SITE AREA REQUIRED FOR CONSTRUCTION OF THE VARIOUS PHASES OF WORK.
- PROVIDE TEMPORARY HYDROSEEDING OR OTHER SOURCE CONTROL STABILIZATION MEASURES ON ALL DISTURBED SOILS.
- 8. MAINTAIN ALL EROSION AND SEDIMENTATION CONTROL FACILITIES TO PROVIDE THE REQUIRED PROTECTION OF DOWNSTREAM WATER QUALITY.
- 9. PROVIDE PERMANENT SITE STABILIZATION.
- 10. EROSION AND SEDIMENTATION CONTROL FACILITIES SHALL NOT BE REMOVED UNTIL CONSTRUCTION IS COMPLETE AND ACCEPTED BY THE CITY.

NOTE

THE APPROXIMATE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN ON THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES THAT MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO LOCATE, PRESERVE AND PROTECT UNDERGROUND UTILITIES.

CALL 48 HOURS **BEFORE YOU DIG** 811

MINIMUM EROSION AND SEDIMENTATION CONTROL REQUIREMENTS

- 1. STABILIZATION AND SEDIMENT TRAPPING. ALL EXPOSED AND UNWORKED SOILS, INCLUDING SOIL STOCKPILES, SHALL BE STABILIZED BY SUITABLE APPLICATION OF BMP'S WHICH PROTECT SOIL FROM THE EROSIVE FORCES OF RAINDROP IMPACT AND FLOWING WATER. APPLICABLE 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 UNSTABILIZED FOR MORE THAN 7 DAYS.
- 2. AT ALL TIMES OF THE YEAR, THE CONTRACTOR SHALL HAVE SUFFICIENT MATERIALS, EQUIPMENT AND LABOR ON-SITE TO STABILIZE AND PREVENT EROSION FROM ALL DENUDED AREAS WITHIN 12-HOURS AS SITE AND WEATHER CONDITIONS DICTATE.
- 3. FROM OCTOBER 1ST TO APRIL 30TH, THE PROJECT ENGINEER SHALL VISIT THE DEVELOPMENT SITE A MINIMUM OF ONCE PER WEEK FOR THE PURPOSE OF INSPECTING THE EROSION AND SEDIMENTATION CONTROL FACILITIES, REVIEWING THE PROGRESS OF CONSTRUCTION, AND VERIFYING THE EFFECTIVENESS OF THE EROSION CONTROL MEASURES BEING UNDERTAKEN. THE PROJECT ENGINEER SHALL IMMEDIATELY INFORM THE CITY OF ANY PROBLEMS OBSERVED DURING SAID SITE VISITS, AND OF ANY RECOMMENDED CHANGES IN THE EROSION CONTROL MEASURES TO BE UNDERTAKEN. WHEN REQUESTED BY THE CITY, THE PROJECT ENGINEER SHALL PROVIDE THE CITY WITH WRITTEN RECORDS OF SAID WEEKLY SITE VISITS, INCLUDING DATES OF VISITS AND NOTED SITE OBSERVATIONS.
- 4. IN THE EVENT THAT THE GROUND ON A PROJECT SITE IS LEFT BARE AFTER SEPTEMBER 30TH, THE CITY MAY ISSUE A STOP WORK ORDER FOR THE ENTIRE PROJECT UNTIL SATISFACTORY CONTROLS ARE PROVIDED. IN ADDITION, THE OWNER WILL BE SUBJECT TO THE PENALTIES PROVIDED IN CHAPTER 15.30 OF THE CITY OF PORT ORCHARD MUNICIPAL CODE.
- 5. IN THE EVENT THAT GROUND ON A PROJECT SITE IS LEFT BARE AFTER SEPTEMBER 30TH, AND THE CITY IS UNSUCCESSFUL IN CONTACTING THE OWNER OR HIS/HER DESIGNATED EMERGENCY CONTACT PERSON. THE CITY MAY ENTER THE PROJECT SITE AND INSTALL TEMPORARY GROUND COVER MEASURES AND BILL THE OWNER FOR ALL EXPENSES INCURRED BY THE CITY. THESE COSTS WILL BE IN ADDITION TO ANY MONETARY PENALTIES LEVIED AGAINST THE OWNER.
- DELINEATION OF CLEARING AND EASEMENT LIMITS. CLEARING LIMITS, SETBACKS, BUFFERS AND SENSITIVE OR CRITICAL AREAS SUCH AS STEEP SLOPES, WETLANDS AND RIPARIAN CORRIDORS SHALL BE CLEARLY MARKED IN THE FIELD AND INSPECTED BY CITY PRIOR TO COMMENCEMENT OF LAND CLEARING ACTIVITIES.
- PROTECTION OF ADJACENT PROPERTIES. ADJACENT PROPERTIES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION BY APPROPRIATE USE OF VEGETATIVE BUFFER STRIPS, SEDIMENT BARRIERS OR FILTERS, DIKES OR MULCHING, OR BY A COMBINATION OF THESE MEASURES AND OTHER APPROPRIATE BMP'S.
- 8. TIMING AND STABILIZATION OF SEDIMENT TRAPPING MEASURES. SEDIMENT PONDS AND TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS AND OTHER BMP'S INTENDED TO TRAP SEDIMENT ON-SITE SHALL BE CONSTRUCTED AS A FIRST STEP IN GRADING. THIS BMP'S SHALL BE FUNCTIONAL BEFORE LAND DISTURBING ACTIVITIES TAKE PLACE. EARTHEN STRUCTURES SUCH AS DAMS, DIKES, AND DIVERSIONS SHALL BE STABILIZED ACCORDING TO THE TIMING INDICATED IN ITEM (1) ABOVE.
- 9. SLOPE STABILIZATION, CUT AND FILL SLOPES SHALL BE CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION, ROUGHENED SOIL SURFACES ARE PREFERRED TO SMOOTH SURFACES. INTERCEPTORS SHOULD BE CONSTRUCTED AT THE TOP OF LONG, STEEP SLOPES WHICH HAVE SIGNIFICANT AREAS ABOVE THAT CONTRIBUTE RUNOFF, CONCENTRATED RUNOFF SHOULD NOT BE ALLOWED TO FLOW DOWN THE FACE OF A CUT OR FILL SLOPE UNLESS CONTAINED WITHIN AN ADEQUATE CHANNEL OR PIPE SLOPE DRAIN. WHEREVER A SLOPE FACE CROSSES A WATER SEEPAGE PLANE, ADEQUATE DRAINAGE OR OTHER PROTECTION SHOULD BE PROVIDED. IN ADDITION, SLOPES SHOULD BE STABILIZED IN ACCORDANCE WITH ITEM (1) ABOVE.
- 10. CONTROLLING OFF-SITE EROSION, PROPERTIES AND WATERWAYS DOWNSTREAM FROM DEVELOPMENT SITES SHALL BE PROTECTED FROM EROSION DUE TO INCREASES IN THE VOLUME, VELOCITY, AND PEAK FLOW RATE OF STORMWATER RUNOFF FROM THE DEVELOPMENT SITE BY THE IMPLEMENTATION OF APPROPRIATE BMP'S TO MINIMIZE ADVERSE DOWNSTREAM IMPACTS.

TEMPORARY & PERMANENT HYDROSEEDING

- 1. ALL AREAS CLEARED OR OTHERWISE DISTURBED SHALL BE APPROPRIATELY STABILIZED IN ACCORDANCE WITH THE NOTES & DETAILS SPECIFIED HEREWITH. AND THE TIMES SPECIFIED BY SECTION 8-01.3 OF THE CURRENT EDITION OF THE W.S.D.O.T. STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION.
- 2. PERMANENT HYDROSEEDING IN AREAS NOT INCLUDED WITHIN THE PROJECT BOUNDARY OR NOT INCLUDED IN THE PROPOSED LANDSCAPE PLAN SHALL ADHERE TO THE FOLLOWING SPECS:

MINIMUM 80 LBS./ACRE MIXTURE OF: 15% KENTUCKY BLUEGRASS 40% TALL FESCUE 30% PERENNIAL RYE 15% CHEWINGS FESCUE FERTILIZER - 400 LBS./ACRE OF 10-20-20 MULCH - 2000 LBS./ACRE

3. TEMPORARY HYDROSEEDING - IN ALL AREAS DISTURBED DURING CONSTRUCTION THAT WILL RECEIVE PERMANENT LANDSCAPING SHALL BE SEEDED WITH RYE GRASS AS REQUIRED TO PRODUCE A SUITABLE TEMPORARY GROUND COVER.

11. STABILIZATION OF TEMPORARY CONVEYANCE CHANNELS AND OUTLETS. ALL TEMPORARY ON-SITE CONVEYANCE CHANNELS SHALL BE DESIGNED, CONSTRUCTED AND STABILIZED TO PREVENT EROSION FROM THE EXPECTED FLOW VELOCITY FROM A 2-YR FREQUENCY. 24-HOUR DURATION STORM FOR THE POST-DEVELOPMENTAL CONDITION. STABILIZATION ADEQUATE TO PREVENT EROSION OF

- OUTLETS, ADJACENT STREAM BANKS, SLOPES AND DOWNSTREAM REACHES SHALL BE PROVIDED AT THE OUTLETS OF ALL CONVE-YANCE SYSTEMS. 12. STORM DRAIN INLET PROTECTION. ALL STORM DRAIN INLETS MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT
- STORMWATER RUNOFF SHALL NOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT. AFTER PROPER WRITTEN APPLICATION, THE REQUIREMENT FOR INLET PROTECTION MAY BE WAIVED BY THE CITY ON A SITE-SPECIFIC BASIS WHEN THE CONVEYANCE SYSTEM DOWNSTREAM OF THE INLET DISCHARGES TO AN APPROPRIATE SEDIMENT CONTAINMENT BMP AND THE CONVEYANCE SYSTEM CAN BE ADEQUATELY CLEANED FOLLOWING SITE STABILIZATION.
- 13. <u>UNDERGROUND UTILITY CONSTRUCTION</u>, THE CONSTRUCTION OF UNDERGROUND UTILITY LINES SHALL BE LIMITED, WHERE FEASIBLE, TO NO MORE THAN 500 FEET OF OPEN TRENCH AT ANY ONE TIME WHERE CONSISTENT WITH SAFETY AND SPACE CONSIDERATIONS, EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF THE TRENCH. DEWATERING DEVICES SHALL DISCHARGE TO AN APPROPRIATE SEDIMENT TRAP OR POND, PRECEDED BY ADEQUATE ENERGY DISSIPATION, PRIOR TO RUNOFF LEAVING THE SITE.
- 14. CONSTRUCTED ACCESS ROUTES. WHEREVER CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED ROADS, PROVISIONS MUST BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT (MUD) ONTO THE PAVED ROAD BY USE OF APPROPRIATE BMP'S SUCH AS STABILIZED CONSTRUCTION ENTRANCE. IF SEDIMENT IS TRANSPORTED ONTO A ROAD SURFACE, THE ROADS SHALL BE CLEANED THOROUGHLY, AS A MINIMUM, AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR SWEEPING AND BE TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER.
- 15. REMOVAL OF TEMPORARY BMP'S. ALL TEMPORARY EROSION AND SEDIMENT CONTROL BMP'S SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY BMP'S ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON-SITE. DISTURBED SOIL AREAS RESULTING FROM THE REMOVAL OF TEMPORARY BMP'S SHALL BE PERMANENTLY STABILIZED. THE REMOVAL OF TEMPORARY EROSION AND SEDIMENT CONTROL BMP'S MAY NOT BE REQUIRED FOR THOSE PROJECTS, SUCH AS SINGLE FAMILY PLATS, THAT WILL BE FOLLOWED BY ADDITIONAL CONSTRUCTION UNDER A DIFFERENT PERMIT. IN THESE CIRCUMSTANCES, THE NEED FOR REMOVING OR RETAINING THE MEASURES WILL BE EVALUATED ON A SITE-SPECIFIC BASIS.
- DEWATERING CONSTRUCTION SITES. DEWATERING DEVICES SHALL DISCHARGE INTO AN APPROPRIATE SEDIMENT TRAP OR POND, DESIGNED TO ACCEPT SUCH A DISCHARGE, PRECEDED BY ADEQUATE ENERGY DISSIPATION, PRIOR TO RUNOFF LEAVING THE SITE.
- 17. CONTROL OF POLLUTANTS OTHER THAN SEDIMENT ON CONSTRUCTION SITES. ALL POLLUTANTS OTHER THAN SEDIMENTS THAT OCCUR ON-SITE DURING CONSTRUCTION SHALL BE HANDLED AND LEGALLY DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORM OR SURFACE WATERS. POLLUTANTS OF CONCERN INCLUDE. BUT ARE NOT LIMITED TO, FUELS, LUBRICANTS, SOLVENTS, CONCRETE BY PRODUCTS AND CONSTRUCTION MATERIALS.
- 18. MAINTENANCE. ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL BMP'S SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO INSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. ALL MAINTENANCE AND REPAIR SHALL BE CONDUCTED IN ACCORDANCE WITH THE MANUAL. THE APPLICANT SHALL BE RESPONSIBLE FOR ASSURING THAT ANY SUCH FACILITIES DAMAGED DURING FLOODS, STORMS OR OTHER ADVERSE WEATHER CONDITIONS ARE IMMEDIATELY RETURNED TO NORMAL OPERATING
- 19. FINANCIAL LIABILITY. A PERFORMANCE COVENANT OR PERFORMANCE SURETY, SHALL BE REQUIRED FOR ALL PROJECTS TO ENSURE COMPLIANCE WITH THE APPROVED EROSION AND SEDIMENT CONTROL PLAN, AS PROVIDED IN CHAPTER 20.150 OF THE CITY OF PORT ORCHARD MUNICIPAL CODE.

DRAINAGE NOTES

- 1. THE CONTRACTOR SHALL ENSURE THAT THE DRAINAGE IS INSTALLED AND OPERATIONAL PRIOR TO COMMENCEMENT OF PAVING WORK.
- 2. ALL STEEL PIPE AND PARTS SHALL BE GALVANIZED. ALL SUBMERGED STEEL PIPES AND PARTS SHALL BE GALVANIZED AND HAVE ASPHALT TREATMENT #1 OR BETTER.
- 3. DRAINAGE STUB OUTS ON INDIVIDUAL LOTS SHALL BE LOCATED WITH A FIVE FOOT HIGH 2"x4" STAKE MARKED "STORM". THE STUB OUT SHALL EXTEND ABOVE SURFACE LEVEL AND BE SECURED TO THE STAKE.

INSPECTION SCHEDULE

1. THE CONTRACTOR SHALL NOTIFY THE CITY TO ARRANGE FOR INSPECTION OF THE VARIOUS PHASES OF WORK CHECKED BELOW. ALL INSPECTIONS SHALL BE COMPLETED PRIOR TO PROCEEDING WITH THE NEXT PHASE OF WORK.

LOCATION OF THE ROAD APPROACH

_ CLEARING LIMITS

IMPLEMENTATION OF THE VARIOUS PHASES OF THE EROSION AND SEDIMENTATION CONTROL PLAN

PLACEMENT OF DRAINAGE STRUCTURES PRIOR TO BACK FILLING, INCLUDING POND EMBANKMENTS

PRIOR TO PLACEMENT OF THE DETENTION OUTLET CONTROL STRUCTURE

_ INSPECTION OF PREPARED SUB-GRADE

_ INSPECTION OF GRAVEL BASE PLACEMENT

INSPECTION OF FINE-GRADING PRIOR TO PAVING

INSPECTION OF PAVING OPERATIONS

_ FINAL INSPECTION

- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK PERFORMED AND SHALL ENSURE THAT CONSTRUCTION IS ACCEPTABLE TO THE CITY.
- 3. IF INSPECTION IS NOT CALLED FOR PRIOR TO COMPLETION OF ANY ITEM OF WORK SO DESIGNATED, SPECIAL DESTRUCTIVE AND/OR NON-DESTRUCTIVE TESTING PROCEDURES MAY BE REQUIRED TO ENSURE THE ACCEPTABILITY OF THE WORK. IF SUCH PROCEDURES ARE REQUIRED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE TESTING AND/OR RESTORATION OF

T. E. S. C. MAINTENANCE REQUIREMENTS

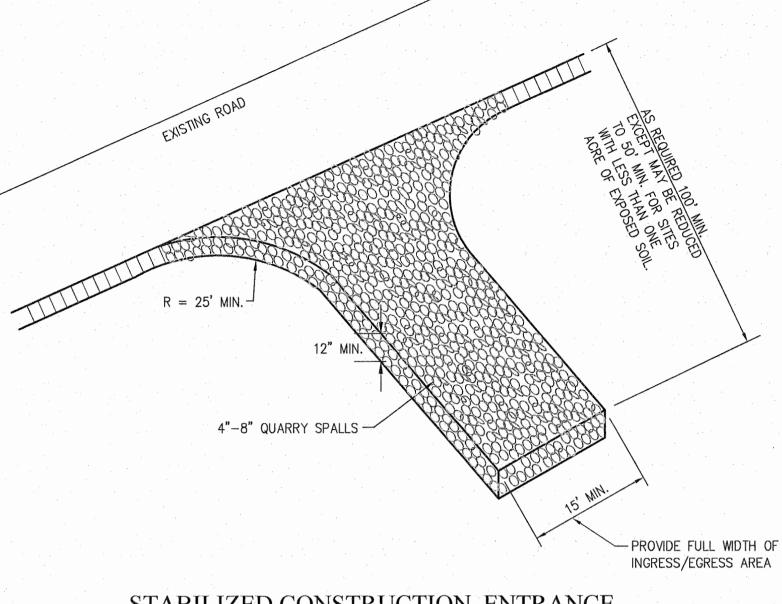
- 1. EROSION AND SEDIMENTATION CONTROL FACILITIES SHALL BE INSPECTED AFTER EACH STORM EVENT AND DAILY DURING PROLONGED RAINFALL.
- 2. NECESSARY REPAIRS OR REPLACEMENT OF FACILITIES SHALL BE ACCOMPLISHED PROMPTLY.
- 3. SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH STORM EVENT OR WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF OF THE MAXIMUM POTENTIAL DEPTH.
- 4. SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE ESC FACILITIES ARE NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.
- 5. TEMPORARY EROSION AND SEDIMENTATION CONTROL FACILITIES SHALL BE MAINTAINED BY:

EMERGENCY PHONE NUMBER

THE OWNER'S REPRESENTATIVE SHALL BE:

EMERGENCY PHONE NUMBER

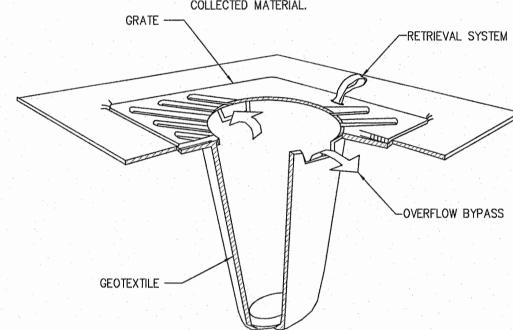
- 6. THE LOCATIONS OF EXISTING UTILITIES ON THIS PLAN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL CONTACT THE "UNDERGROUND LOCATE" CENTER AT PH: 1-800-424-5555, AND NON-SUBSCRIBING INDIVIDUAL UTILITY COMPANIES 48 HOURS IN ADVANCE OF THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL PROVIDE FOR PROTECTION OF EXISTING UTILITIES FROM DAMAGE CAUSED BY THE CONTRACTOR'S OPERATIONS.
- 7. ROCKERIES OR OTHER RETAINING FACILITIES EXCEEDING 4 FT. IN HEIGHT (TOP OF WALL TO BOTTOM OF FOOTING) REQUIRE A SEPARATE PERMIT FROM CITY OF PORT ORCHARD BUILDING DEPARTMENT.
- 8. A "FORESTRY PRACTICES" PERMIT MAY BE REQUIRED PRIOR TO CLEARING OF THE SITE. CONTACT CITY OF PORT ORCHARD DEPARTMENT OF COMMUNITY DEVELOPMENT FOR FURTHER INFORMATION.



STABILIZED CONSTRUCTION ENTRANCE

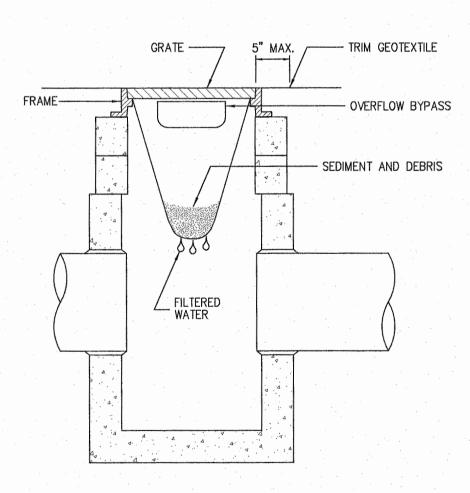
NOT TO SCALE (BMP E2.10)

- 1. PERFORM MAINTENANCE IN ACCORDANCE WITH W.S.D.O.T. STANDARD SPECIFICATION 8-01.3(15).
- 2. SIZE THE BELOW GRATE INLET DEVICE (BGID) FOR THE STORM WATER STRUCTURE
- THE BGID SHALL HAVE A BUILT-IN HIGH-FLOW RELIEF SYSTEM (OVERFLOW BYPASS).
- 4. THE RETRIEVAL SYSTEM MUST ALLOW REMOVAL OF THE BGID WITHOUT SPILLING THE COLLECTED MATERIAL.



RECEIVED Permit Center JUL 28, 2020 City of Port Orchard

Community Development



INLET PROTECTION DETAIL NOT TO SCALE

> PW20-041 PW20-042

			REVISIONS		BY	DATE
NO.	DATE	BY	DESCRIPTION	DESIGNED	JFK	2/19
				DRAWN	AUE	2/19
				CHECKED	NLOII	2/19
		:		APPROVED		
				ACCEPTED		

N.L.Olson & Associates, Inc. Engineering, Planning and Surveying

2453 Bethel Avenue, P.O. Box 637, Port Orchard, WA 98366

(360) 876-2284

THE PERSON NAMED IN

T.E.S.C. NOTES AND DETAILS

1320 BAY STREET, PORT ORCHARD, WA

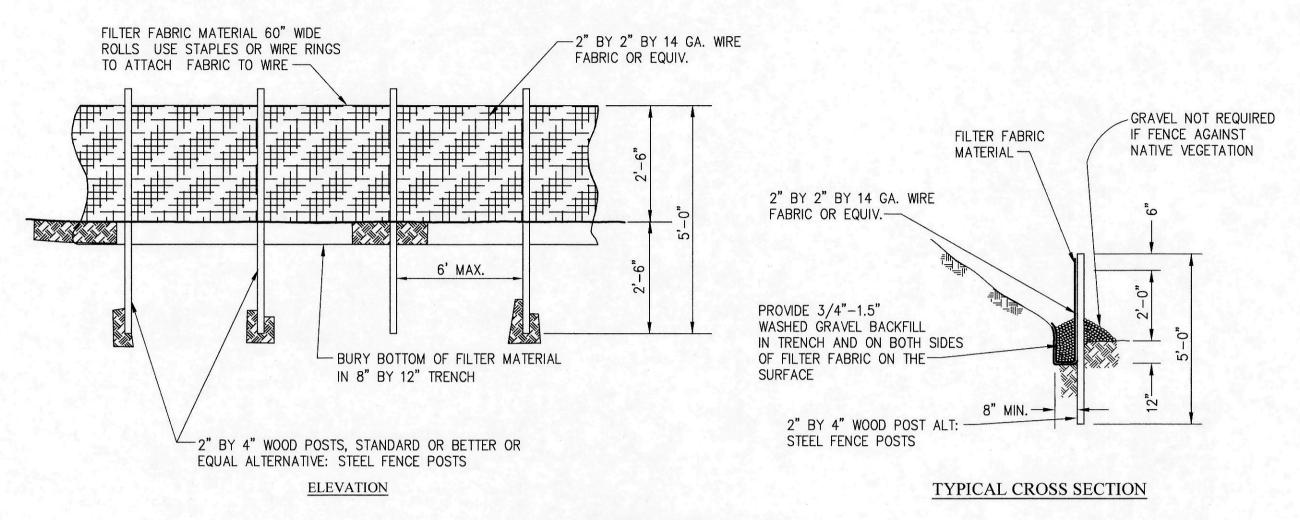
Portion of the Southeast Quarter of the Southeast Quarter of Section 25, Township 24 North, Range 1 East, W.M. in Kitsap County, Washington FOR:

Michael Broz 2023 Edgewater Way Santa Barbara, CA 93109

Phone: (805) 407-7691

SCALE: AS SHOWN DATE: Feb. 6, 2019 DRAWING NUMBER: 17-10120

SHEET C4.1



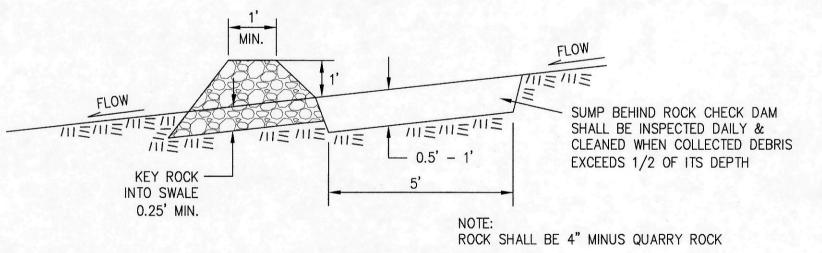
FILTER FABRIC FENCE NOT TO SCALE

(BMP E3.10)

DITCH SLOPE CHECK DAM SPACING 150' 5 - 10% 100' > - 10% KEY ROCK INTO SWALE 0.25' MIN.

INTERCEPTOR DITCH X-SECTION & ROCK CHECK DAM

(FRONT VIEW)

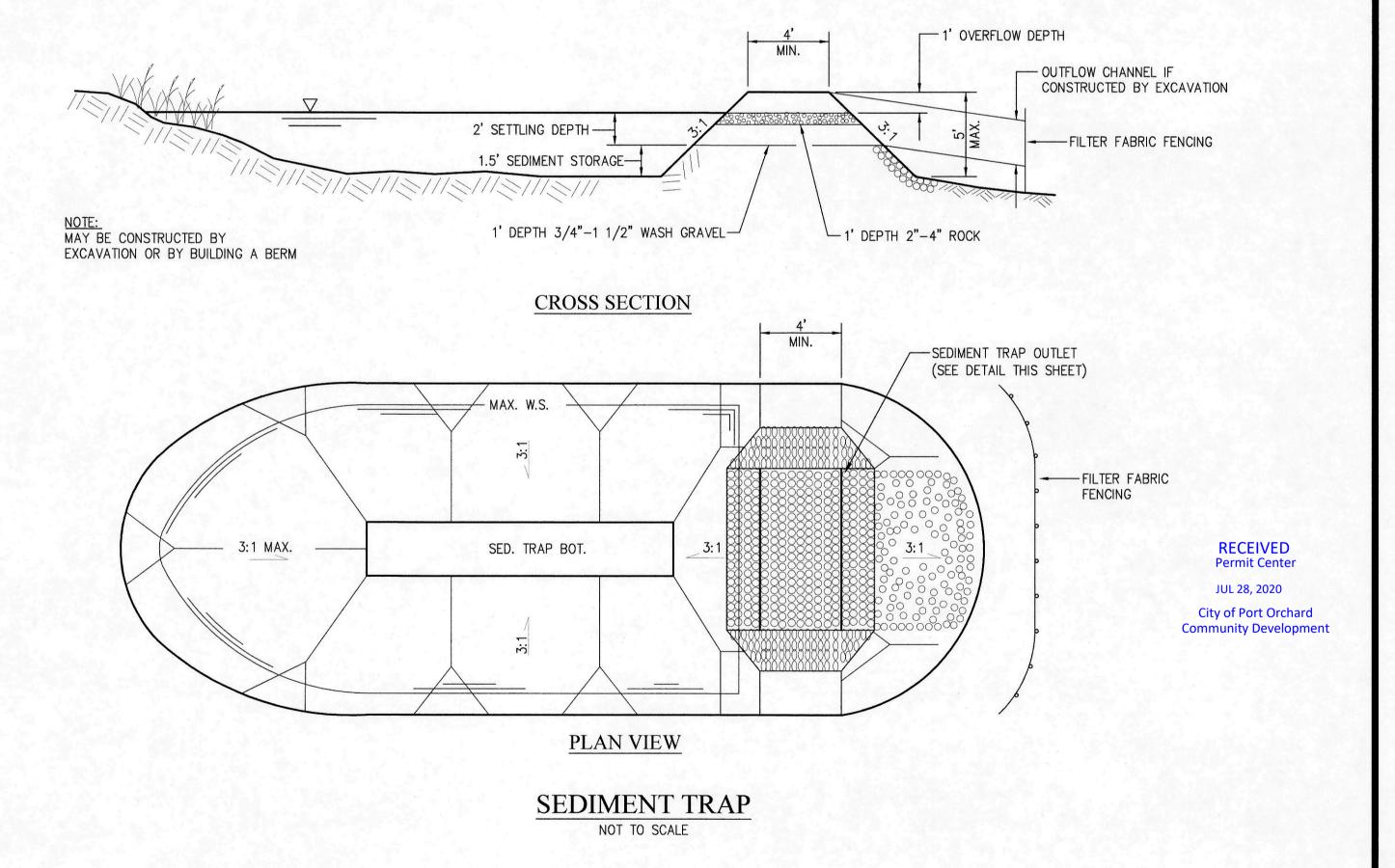


ROCK CHECK DAM X-SECTION

(SIDE VIEW)

TYPICAL INTERCEPTOR DITCH W/ROCK CHECK DAM

NOT TO SCALE



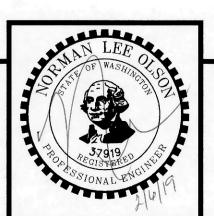
NOTE

THE APPROXIMATE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN ON THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES THAT MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO LOCATE, PRESERVE AND PROTECT UNDERGROUND UTILITIES.

CALL 48 HOURS BEFORE YOU DIG 811

			REVISIONS		BY	DATE	
NO.	DATE	BY	DESCRIPTION	DESIGNED	JFK	2/19	
				DRAWN	AUE	2/19	·
				CHECKED	NLOII	2/19	
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T.E.S.C. DETAILS

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Phone: (805) 407-7691

DATE: Feb. 6, 2019 DRAWING NUMBER: 17-10120

SHEET C4.2

SCALE: AS SHOWN

PW20-041

PW20-042