

May 23, 2024

Meghan Panarella Clark Kjos Architects 621 SW Alder Street Portland, OR 97205

RE: Approval of Grading Permit GRAD 24-01 "Salud Medical Center Renovation" for 1175 Mt Hood Avenue (Tax Lot 051W08BC00800)

Dear Ms. Panarella:

Staff approves the Grading Permit, subject to the conditions of approval outlined in this letter.

Summary of Review:

This site is subject to the development standards of the <u>Woodburn Development Ordinance</u> (<u>WDO</u>). The applicant is requesting to perform grading work in preparation for an expanded parking lot and other building renovation work. Pursuant to WDO 4.01.02, the Director shall render all Type I land use decisions. The Director's decision is the final decision of the City on a Type I application and cannot be appealed by any party through the City land use appeals process.

Planning Conditions of Approval:

- 1. Conformance with Approved Plans: All site work shall be in substantial conformance with the approved grading plans.
- 2. DEQ: All development activity shall be in accordance with the approved Department of Environmental Quality (DEQ) 1200-C permit. The applicant shall provide to the City any modifications to the DEQ permit.
- 3. Other agencies: The applicant, not the City, is responsible for obtaining permits from Marion County, US Army Corps of Engineers (USACE), Oregon Department of State Lands (DSL), Oregon Department of Transportation (ODOT), and other agencies which might require approval or permit.

- 4. ROW: All work within City rights-of-way or easements within City jurisdiction shall require plan approval and permit issuance from the Public Works Department.
- 5. ODOT ROW: All work within the ODOT rights-of-way or easements shall require plan approval and permit issuance from ODOT.
- 6. Tree preservation: Protect and preserve existing trees according to Sheets L2.1 & L2.2 in the approved grading plans. Protections shall be in place throughout the entire construction process for the development.

Public Works Conditions of Approval:

- 7. The applicant shall comply with the submitted grading and erosion control plans, including measures to keep the ROW clean, to protect existing catch basins around the work area, and maintain dust control measures. All catch basins around the work area shall be clean of debris and soils at all times.
- 8. The applicant shall continuously maintain adequate protection of all work from damage and protect the public and private property of others from injury or loss arising in connection with the work.
- 9. The applicant shall comply with City of Woodburn Planning Department requirements through Woodburn Development Ordinance (WDO) 5.01.04 Grading Permit.
- Prior to starting work, contact ODOT for inspection of the erosion control in the public ROW. Contact Casey Knecht, ODOT Region 2 Development Review Coordinator at 503-986-5170.
- 11. The applicant shall leave ROW in clean condition, free from litter and debris, at the end of each workday, or more frequently if directed by the ODOT Inspector.
- 12. Sidewalk and street closures are not allowed under this permit.
- 13. Prior to starting work, silt fencing shall be installed around the entire perimeter of the work area. Applicant shall comply with all requirements and conditions set on their 1200C permit.

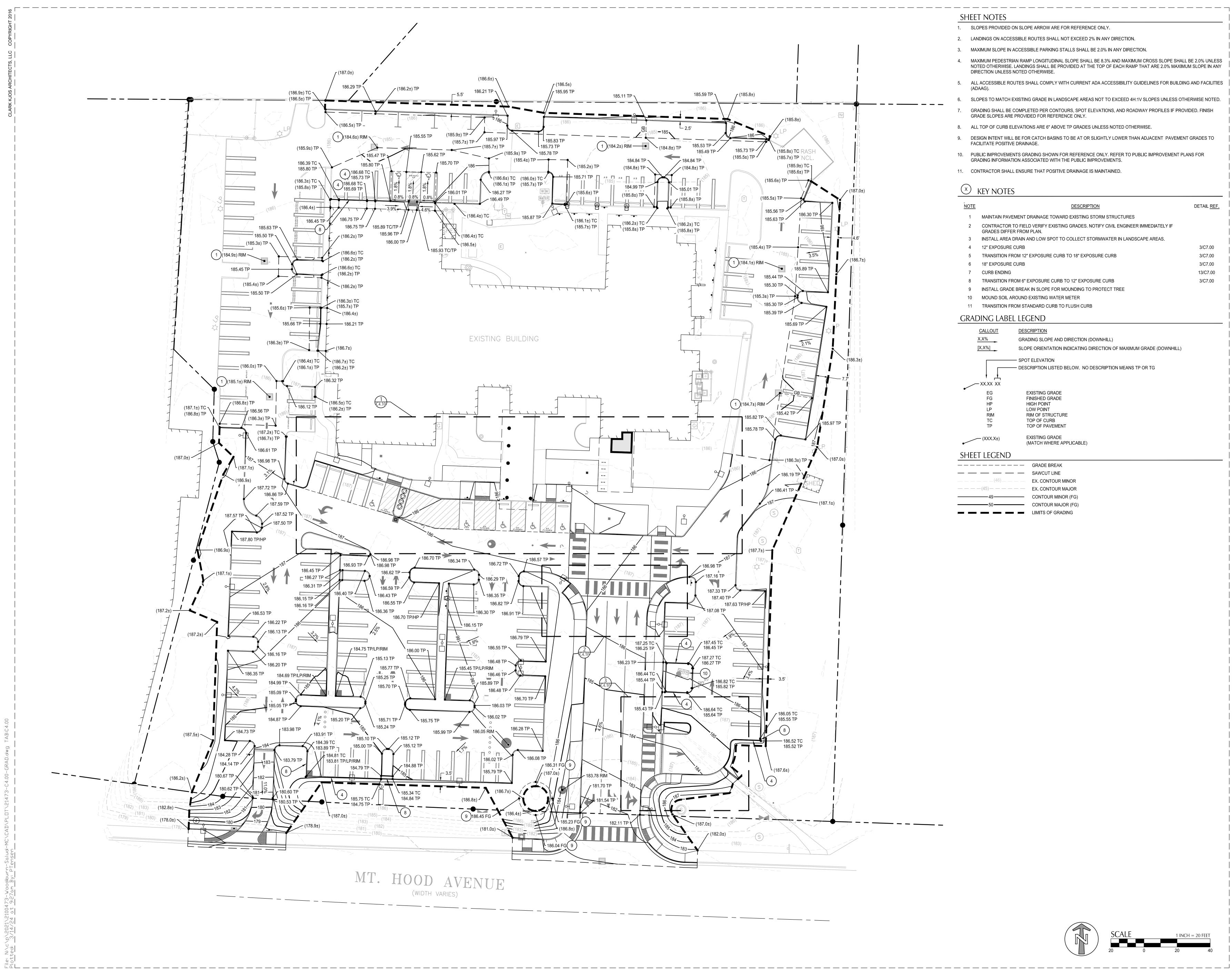
Final decision approved by designee:

Dan Handel, AICP Planner

May 23, 2024

Attachment: Approved Grading Plans

cc: Chris Kerr, Community Development Director Dago Garcia, PE, City Engineer Casey Knecht, PE, ODOT Region 2 Melissa Gitt, Building Official Robin Southards, Yakima Valley Farm Workers Clinic



SHEET NOTES

- 1. SLOPES PROVIDED ON SLOPE ARROW ARE FOR REFERENCE ONLY.
- 2. LANDINGS ON ACCESSIBLE ROUTES SHALL NOT EXCEED 2% IN ANY DIRECTION.
- 3. MAXIMUM SLOPE IN ACCESSIBLE PARKING STALLS SHALL BE 2.0% IN ANY DIRECTION.
- MAXIMUM PEDESTRIAN RAMP LONGITUDINAL SLOPE SHALL BE 8.3% AND MAXIMUM CROSS SLOPE SHALL BE 2.0% UNLESS NOTED OTHERWISE. LANDINGS SHALL BE PROVIDED AT THE TOP OF EACH RAMP THAT ARE 2.0% MAXIMUM SLOPE IN ANY
- DIRECTION UNLESS NOTED OTHERWISE. 5. ALL ACCESSIBLE ROUTES SHALL COMPLY WITH CURRENT ADA ACCESSIBILITY GUIDELINES FOR BUILDING AND FACILITIES (ADAAG).
- 6. SLOPES TO MATCH EXISTING GRADE IN LANDSCAPE AREAS NOT TO EXCEED 4H:1V SLOPES UNLESS OTHERWISE NOTED.
- GRADING SHALL BE COMPLETED PER CONTOURS, SPOT ELEVATIONS, AND ROADWAY PROFILES IF PROVIDED. FINISH GRADE SLOPES ARE PROVIDED FOR REFERENCE ONLY.
- 8. ALL TOP OF CURB ELEVATIONS ARE 6" ABOVE TP GRADES UNLESS NOTED OTHERWISE.
- DESIGN INTENT WILL BE FOR CATCH BASINS TO BE AT OR SLIGHTLY LOWER THAN ADJACENT PAVEMENT GRADES TO FACILITATE POSITIVE DRAINAGE.
- 10. PUBLIC IMPROVEMENTS GRADING SHOWN FOR REFERENCE ONLY. REFER TO PUBLIC IMPROVEMENT PLANS FOR GRADING INFORMATION ASSOCIATED WITH THE PUBLIC IMPROVEMENTS.
- 11. CONTRACTOR SHALL ENSURE THAT POSITIVE DRAINAGE IS MAINTAINED.

$\stackrel{(\times)}{\longrightarrow}$ Key notes

<u>NOTE</u>

DESCRIPTION

- 1 MAINTAIN PAVEMENT DRAINAGE TOWARD EXISTING STORM STRUCTURES
- 2 CONTRACTOR TO FIELD VERIFY EXISTING GRADES. NOTIFY CIVIL ENGINEER IMMEDIATELY IF GRADES DIFFER FROM PLAN.
- 3 INSTALL AREA DRAIN AND LOW SPOT TO COLLECT STORMWATER IN LANDSCAPE AREAS.
- 4 12" EXPOSURE CURB 5 TRANSITION FROM 12" EXPOSURE CURB TO 18" EXPOSURE CURB
- 6 18" EXPOSURE CURB
- 7 CURB ENDING
- 8 TRANSITION FROM 6" EXPOSURE CURB TO 12" EXPOSURE CURB
- 9 INSTALL GRADE BREAK IN SLOPE FOR MOUNDING TO PROTECT TREE
- 10 MOUND SOIL AROUND EXISTING WATER METER
- 11 TRANSITION FROM STANDARD CURB TO FLUSH CURB

GRADING LABEL LEGEND

<u>CALLOUT</u> X.X% [X.X%]	<u>DESCRIPTION</u> GRADING SLOPE AND DIRECTION (DOWNHILL) SLOPE ORIENTATION INDICATING DIRECTION OF MAXIMUM GRADE (DOWNHILL)
	- SPOT ELEVATION - DESCRIPTION LISTED BELOW. NO DESCRIPTION MEANS TP OR TG
EG FG HP LP RIM TC TP	EXISTING GRADE FINISHED GRADE HIGH POINT LOW POINT RIM OF STRUCTURE TOP OF CURB TOP OF PAVEMENT
(XXX.X±)	EXISTING GRADE (MATCH WHERE APPLICABLE)
HEET LEGEND	

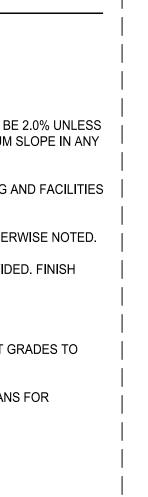
— — — — — — — — — — — GRADE BREAK

	GRADE BREAK
	SAWCUT LINE
(46)	EX. CONTOUR MINOR
(45)	EX. CONTOUR MAJOR
	CONTOUR MINOR (FG
	CONTOUR MAJOR (FG
	LIMITS OF GRADING

— SAWCUT LINE EX. CONTOUR MINOR EX. CONTOUR MAJOR — CONTOUR MINOR (FG) CONTOUR MAJOR (FG)



1 INCH = 20 FEET





3/C7.00 3/C7.00 3/C7.00 13/C7.00 3/C7.00

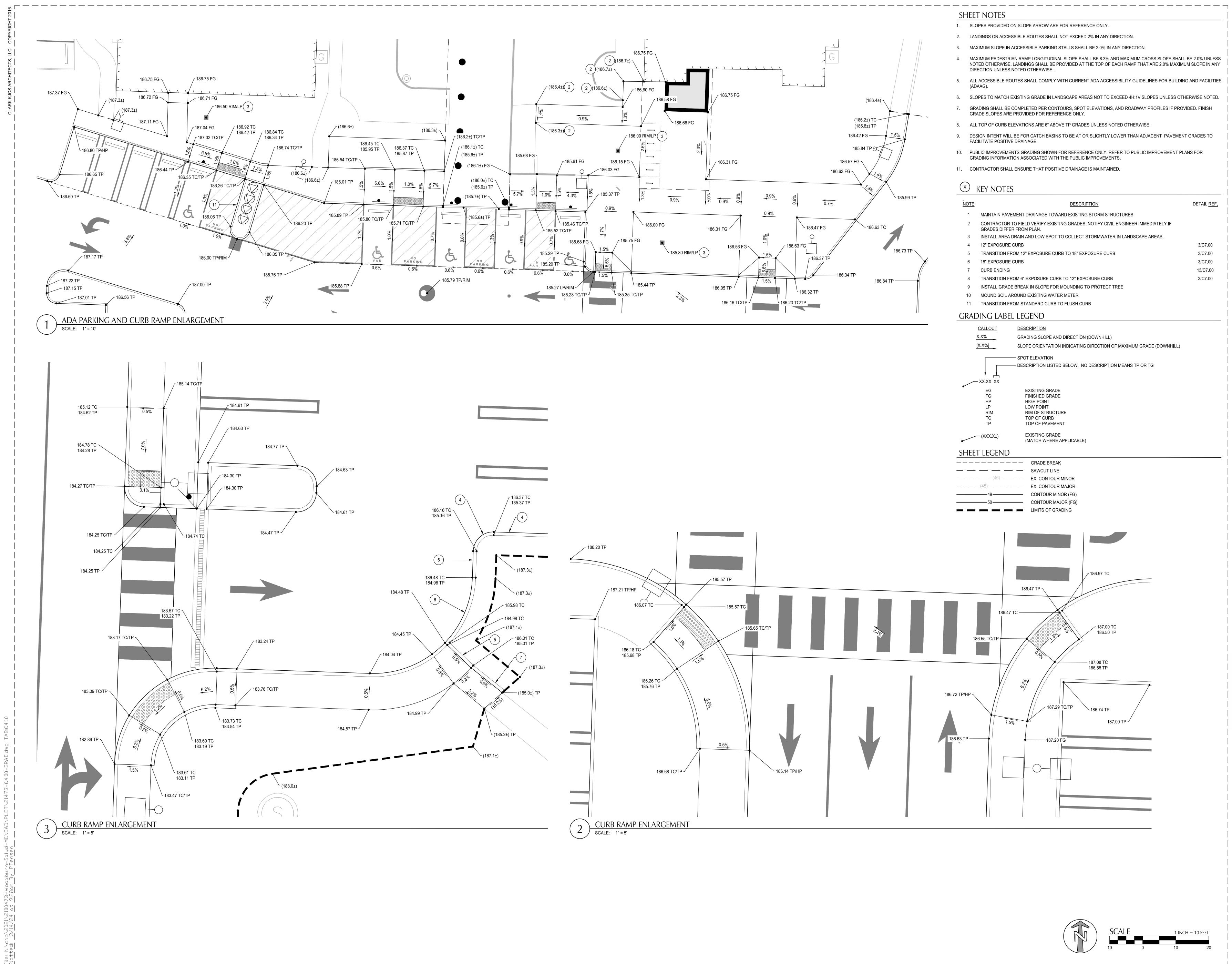




REVISIONS:

GRADING PLAN

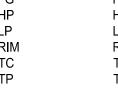




- MAXIMUM PEDESTRIAN RAMP LONGITUDINAL SLOPE SHALL BE 8.3% AND MAXIMUM CROSS SLOPE SHALL BE 2.0% UNLESS NOTED OTHERWISE. LANDINGS SHALL BE PROVIDED AT THE TOP OF EACH RAMP THAT ARE 2.0% MAXIMUM SLOPE IN ANY
- 5. ALL ACCESSIBLE ROUTES SHALL COMPLY WITH CURRENT ADA ACCESSIBILITY GUIDELINES FOR BUILDING AND FACILITIES
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- 2 CONTRACTOR TO FIELD VERIFY EXISTING GRADES. NOTIFY CIVIL ENGINEER IMMEDIATELY IF
- 3 INSTALL AREA DRAIN AND LOW SPOT TO COLLECT STORMWATER IN LANDSCAPE AREAS.

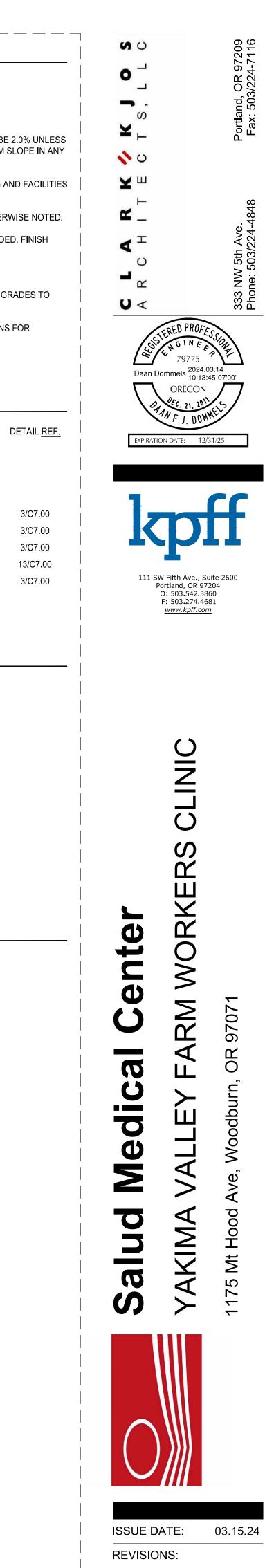
<u>CALLOUT</u>	<u>DESCRIPTION</u>
X.X%	GRADING SLOPE AND DIRECTION (DOWNHILL)
[X.X%]	SLOPE ORIENTATION INDICATING DIRECTION OF MAXIMUM GRADE (DOWNHILL)
	SPOT ELEVATION DESCRIPTION LISTED BELOW. NO DESCRIPTION MEANS TP OR TG
EG	EXISTING GRADE
FG	FINISHED GRADE
HP	HIGH POINT



 (46)
 — — (45) — — — — —
 50

•	SAWCUT LINE
	EX. CONTOUR MINOR
_	EX. CONTOUR MAJOR
•	CONTOUR MINOR (FG)
•	CONTOUR MAJOR (FG)

INCH = 10 FFT





333 P'





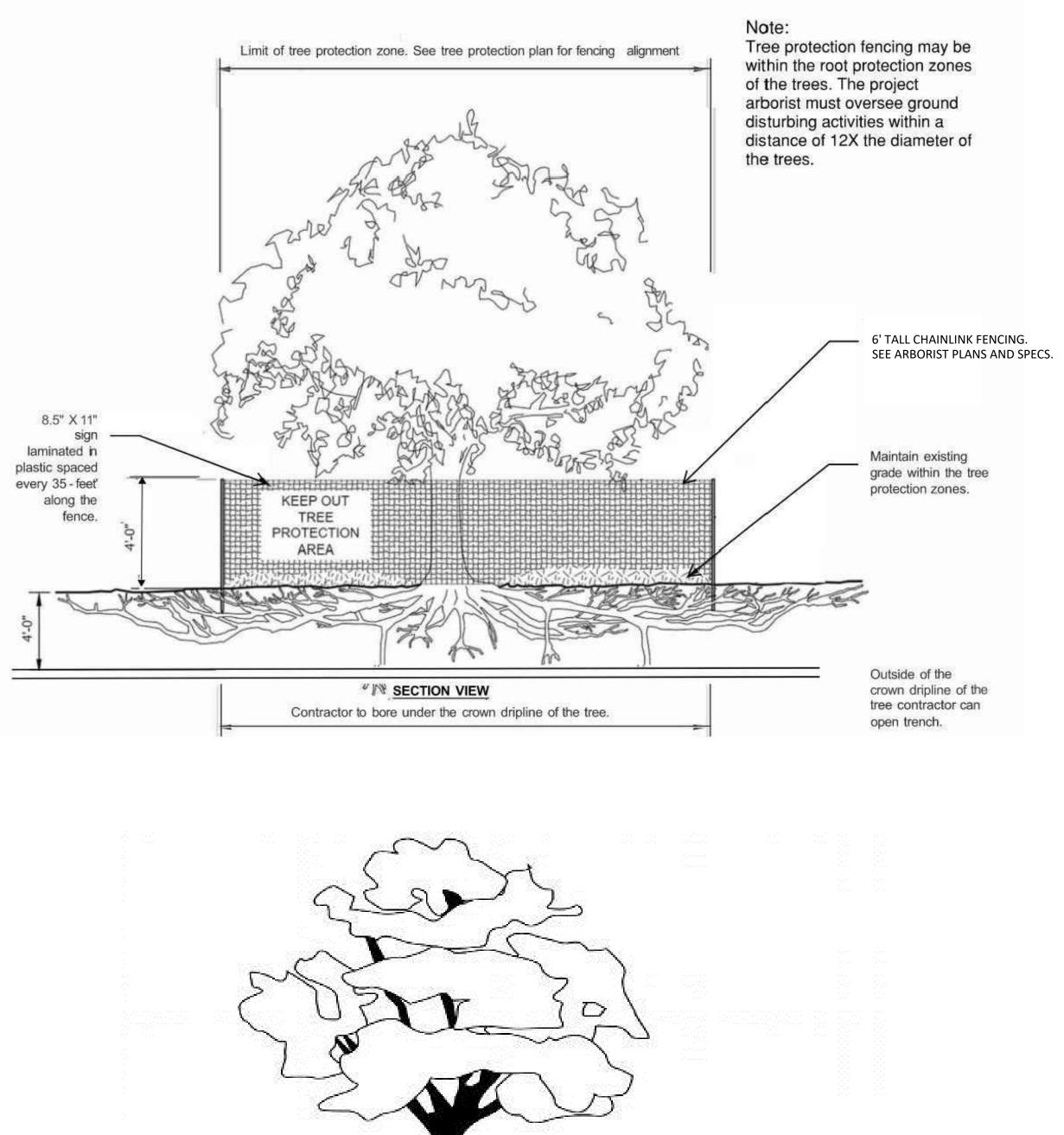
GRADING ENLARGEMENTS

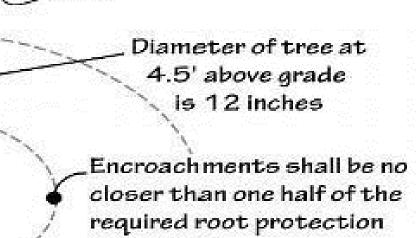


ROJECT NO .:

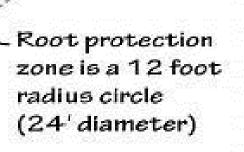
TREE PROTECTION/REMOVAL SCHEDULE

REE #	DBH	CROWN RADIUS	LATIN NAME	COMMON NAME	PROTECT	REMOVE	EXEMPT REMOVAL	PU VALUE RETAINED	CONDITION IN HEALTH	CONDITION IN STRUCTURE	NOTES
T01	11		PHOTINIA SERRATIFOLIA	CHINESE PHOTINIA		X	X		GOOD	GOOD	SHRUB
T02	9		PHOTINIA SERRATIFOLIA	CHINESE PHOTINIA		X	X		GOOD	GOOD	SHRUB
T03	9		PHOTINIA SERRATIFOLIA	CHINESE PHOTINIA		X	X		GOOD	GOOD	SHRUB FUNGAL DISORDER AND DECAY IN LOWER TRUNK.
Г04	28	25	QUERCUS GARRYANA	OREGON WHITE OAK		x	x		POOR	POOR	DISCOLORED AND MISSING BARK. PROPOSED REMOVAL DUE TO SAFETY ISSUES.
05	29	20	PSEUDOTSUGA MENZIESSII	DOUGLAS FIR		X			FAIR	FAIR	
т06	34	18	PSEUDOTSUGA MENZIESSII	DOUGLAS FIR		Х			FAIR	FAIR	
06.1	8		PHOTINIA SERRATIFOLIA	CHINESE PHOTINIA		X	X		GOOD	GOOD	SHRUB
T07	18	0	PHOTINIA SERRATIFOLIA	CHINESE PHOTINIA		X	X	10	GOOD	GOOD	SHRUB
Т08 Т09	9	8	PSEUDOTSUGA MENZIESSII PSEUDOTSUGA MENZIESSII	DOUGLAS FIR DOUGLAS FIR	X			10 10	GOOD POOR	GOOD FAIR	SHRUB CHLOROTIC THIN TOP
					^			10			MAJOR ASSYMETRY. OVERWATERED BY LAWN
T10	22	18	QUERCUS GARRYANA	OREGON WHITE OAK		Х			FAIR	POOR	IRRIGATION TO THE SOUTH
T11	21	18	PSEUDOTSUGA MENZIESSII	DOUGLAS FIR		X			POOR	POOR	CHLOROTIC THIN CANOPY. OVERWATERED BY LAWN IRRIGATION TO THE SOUTH
T12	4	3	CHAMAECYPARIS OBTUSA	HINOKI CYPRESS	Х			4	GOOD	GOOD	
T13	7	3	CHAMAECYPARIS OBTUSA	HINOKI CYPRESS	Х			4	GOOD	GOOD	
T14	8	3	CHAMAECYPARIS OBTUSA	HINOKI CYPRESS	Х			4	GOOD	GOOD	
T15	21	11	PRUNUS AVIUM	SWEET CHERRY		X			POOR	FAILING	CAVITIES IN TRUNK
T16	3	3	THUJA OCCIDENTALIS	AMERICAN ARBIVATAE	X			10	GOOD	GOOD	
T17 T18	8	12	GLEDITSIA TRIACANTHOS PRUNUS SEROTINA	HONEY LOCUST BLACK CHERRY	X			4 8	GOOD FAIR	GOOD POOR	CAVITIES IN TRUNK
T19	10	11	PRUNUS SEROTINA	BLACK CHERRY	X			8	FAIR	POOR	
T20	10	11	MALUS SYLVESTRIS	CRABAPPLE	X			4	FAIR	POOR	LARGE SUNSCALLED AREA
T21	10	11	MALUS SYLVESTRIS	CRABAPPLE	X			4	FAIR	POOR	
T22	26	25	QUERCUS GARRYANA	OREGON WHITE OAK		X			FAIR	FAIR	BARK DAMAGE FROM PREVIOUS IRRIGATION SYSTEM
T23	50	25	QUERCUS GARRYANA	OREGON WHITE OAK		x			FAIR	FAIR	LOOSE BARK. SOME DECAY AT BASE. CODOMINANT STEMS
T24	6		PHOTINIA SERRATIFOLIA	CHINESE PHOTINIA	X		X	2	FAIR	FAIR	INCLUDED.
T25	6 12		PHOTINIA SERRATIFOLIA PRUNUS SEROTINA	BLACK CHERRY	X		^	Δ	DEAD	DYING	
T26	6		CORNUS SPP.	DOGWOOD SPECIES	X			4	GOOD	FAIR	
T27	11	10	GLEDITSIA TRIACANTHOS	HONEY LOCUST	X			4	GOOD	GOOD	
T28	20	10	PRUNUS AVIUM	SWEET CHERRY	X				POOR	POOR	LARGE CAVITY IN LOWER TRUNK
T29	10	10	PRUNUS AVIUM	SWEET CHERRY	Х				POOR	POOR	LARGE CAVITY IN LOWER TRUNK
Т30	30	10	PRUNUS AVIUM	SWEET CHERRY	X				POOR	POOR	NUISANCE TREE
T31	37	20	PSEUDOTSUGA MENZIESSII	DOUGLAS FIR	Х				FAIR	FAIR	LARGE CAVITY IN LOWER TRUNK
Т32	18	10	PRUNUS AVIUM	SWEET CHERRY		Х	Х		FAIR	FAIR	NUISANCE TREE
T33	10	10	PRUNUS AVIUM	SWEET CHERRY		X	X		FAIR	FAIR	NUISANCE TREE
T34	10	6	THUJA OCCIDENTALIS			X	X		FAIR	FAIR	
Г34.1 Т35	10 24	6	THUJA OCCIDENTALIS PSEUDOTSUGA MENZIESSII	AMERICAN ARBIVATAE		X X	X		FAIR DYING	FAIR	
T36	30	25	QUERCUS GARRYANA	OREGON WHITE OAK		X	^		FAIR	POOR	
T37	2.5	3	NYSSA SYLVATICA	BLACK TUPELO		X	X		GOOD	GOOD	
T38	4	3	NYSSA SYLVATICA	BLACK TUPELO		X	X		GOOD	GOOD	
Т39	4	3	NYSSA SYLVATICA	BLACK TUPELO		Х	Х		GOOD	GOOD	
T40	37	5	PSEUDOTSUGA MENZIESSII	DOUGLAS FIR	X			15	FAIR	FAIR	
T41	41	5	PSEUDOTSUGA MENZIESSII	DOUGLAS FIR	X			15	FAIR	FAIR	LEANING TRUNK NORTH
T42	14	10	PRUNUS AVIUM	SWEET CHERRY	X		X		FAIR	FAIR	NUISANCE / TOPPED
T43	14	10	PRUNUS AVIUM	SWEET CHERRY	X		X		FAIR	FAIR	NUISANCE / TOPPED
T44 T45	18 18	10 10	PRUNUS AVIUM	SWEET CHERRY SWEET CHERRY	X		X X		FAIR FAIR	FAIR FAIR	NUISANCE / TOPPED NUISANCE / TOPPED
T45	25	10	PRUNUS AVIUM CORNUS NUTTALII	PACIFIC DOGWOOD	X		^	15	FAIR	FAIR	CAVITY IN LOWER TRUNK
T47	35	25	QUERCUS GARRYANA	OREGON WHITE OAK	X			15	FAIR	FAIR	LARGE DEADWOOD. PRUNE TO REMOVE.
T48	33	25	QUERCUS GARRYANA	OREGON WHITE OAK		Х	Х		FAIR	FAIR	CAVITY ROOT FLARE
T49	10	5	ACER PALMATUM	JAPANESE MAPLE		Х	Х		GOOD	GOOD	
T50	16	5	ACER PALMATUM	JAPANESE MAPLE		Х	Х		GOOD	GOOD	
T51	4	3	CORNUS SPP.	DOGWOOD	X			4	GOOD	GOOD	
T52	6	5	MAGNOLIA SPP.	TBD		X	X		GOOD	GOOD	
T53	8	5				X	X		GOOD	GOOD	
T54	12	5				X	X		GOOD	GOOD	
T55	28	25 25	QUERCUS GARRYANA			X			POOR	FAIR	LARGE CANOPY DAMAGE FROM ICE STORM
T55.1 T56	28 16	15	QUERCUS GARRYANA QUERCUS GARRYANA	OREGON WHITE OAK		X X	X		POOR FAIR	FAIR	LARGE CANOPY DAMAGE FROM ICE STORM
T57	48	25	QUERCUS GARRYANA	OREGON WHITE OAK	X	^	<u>^</u>	15	FAIR	FAIR	ICE DAMAGE
T58	27	25	FRAXINUS LATIFOLIA	OREGON ASH		X			FAIR	FAIR	
T59	33	25	QUERCUS GARRYANA	OREGON WHITE OAK	X			15	FAIR	FAIR	
	30	28	PSEUDOTSUGA MENZIESSII	DOUGLAS FIR	X			15	FAIR	FAIR	
T60	28		PSEUDOTSUGA MENZIESSII	DOUGLAS FIR	Х			15	FAIR	FAIR	
T60 T60.1			PSEUDOTSUGA MENZIESSII	DOUGLAS FIR	X			15	FAIR	FAIR	
	30		PSEUDOTSUGA MENZIESSII	DOUGLAS FIR	Х			15	FAIR	FAIR	
T60.1	30 28				1			15	FAIR	FAIR	SOME SURFACE ROOT DAMAGE AND RECENT IMPACTS DUE TO CONSTRUCTION
T60.1 T61		25	PSEUDOTSUGA MENZIESSII	DOUGLAS FIR	X		- i				
T60.1 T61 T62	28	25 10		DOUGLAS FIR FILBERT	X	X			FAIR	FAIR	
T60.1 T61 T62 T63	28 47		PSEUDOTSUGA MENZIESSII		X	X X			FAIR FAIR	FAIR FAIR	
T60.1 T61 T62 T63 T64 T65	28 47 13	10	PSEUDOTSUGA MENZIESSII CORYLUS AVELANA	FILBERT	X						LARGE SHALLOW BUTTRESS ROOTS. OVER PRUNED.
T60.1 T61 T62 T63 T64 T65 T66	28 47 13 21 50	10 10 20	PSEUDOTSUGA MENZIESSII CORYLUS AVELANA CORYLUS AVELANA PSEUDOTSUGA MENZIESSII	FILBERT FILBERT DOUGLAS FIR		X	V		FAIR FAIR	FAIR FAIR	LARGE SHALLOW BUTTRESS ROOTS. OVER PRUNED.
T60.1 T61 T62 T63 T64 T65 T66 T67	28 47 13 21	10 10 20 11	PSEUDOTSUGA MENZIESSII CORYLUS AVELANA CORYLUS AVELANA PSEUDOTSUGA MENZIESSII ACER PALMATUM	FILBERT FILBERT DOUGLAS FIR JAPANESE MAPLE	X		X	8	FAIR FAIR GOOD	FAIR FAIR POOR	LARGE SHALLOW BUTTRESS ROOTS. OVER PRUNED.
T60.1 T61 T62 T63 T64 T65 T66 T66 T67 T68	28 47 13 21 50	10 10 20	PSEUDOTSUGA MENZIESSII CORYLUS AVELANA CORYLUS AVELANA PSEUDOTSUGA MENZIESSII	FILBERT FILBERT DOUGLAS FIR		X	X	8 8	FAIR FAIR	FAIR FAIR	LARGE SHALLOW BUTTRESS ROOTS. OVER PRUNED.
T60.1 T61 T62 T63 T64 T65 T66 T67 T67 T68 T69	28 47 13 21 50	10 10 20 11 10	PSEUDOTSUGA MENZIESSII CORYLUS AVELANA CORYLUS AVELANA PSEUDOTSUGA MENZIESSII ACER PALMATUM PRUNUS SEROTINA	FILBERT FILBERT DOUGLAS FIR JAPANESE MAPLE BLACK CHERRY	X	X	X		FAIR FAIR GOOD GOOD	FAIR FAIR POOR FAIR	LARGE SHALLOW BUTTRESS ROOTS. OVER PRUNED.
T60.1 T61 T62 T63 T64 T65 T66 T67 T68 T69 T70	28 47 13 21 50	10 10 20 11 10 6	PSEUDOTSUGA MENZIESSIICORYLUS AVELANACORYLUS AVELANAPSEUDOTSUGA MENZIESSIIACER PALMATUMPRUNUS SEROTINAPRUNUS SEROTINA	FILBERT FILBERT DOUGLAS FIR JAPANESE MAPLE BLACK CHERRY BLACK CHERRY	X X X X X	X	X	8	FAIR FAIR GOOD GOOD GOOD	FAIR FAIR POOR FAIR FAIR	LARGE SHALLOW BUTTRESS ROOTS. OVER PRUNED.
T60.1 T61 T62 T63 T64 T65 T66 T67 T68 T69 T70 T71	28 47 13 21 50	10 10 20 11 10 6 6	PSEUDOTSUGA MENZIESSII CORYLUS AVELANA CORYLUS AVELANA PSEUDOTSUGA MENZIESSII ACER PALMATUM PRUNUS SEROTINA PRUNUS SEROTINA PRUNUS SEROTINA	FILBERT FILBERT DOUGLAS FIR JAPANESE MAPLE BLACK CHERRY BLACK CHERRY BLACK CHERRY	X X X X X X X	X	X	8 8	FAIR FAIR GOOD GOOD GOOD GOOD	 FAIR FAIR POOR FAIR FAIR FAIR 	LARGE SHALLOW BUTTRESS ROOTS. OVER PRUNED.
T60.1 T61 T62 T63 T64 T65 T66 T67 T68 T69 T70 T70 T71 T72	28 47 13 21 50 11 8 5 6 5 5	10 10 20 11 10 6 6 6 6	PSEUDOTSUGA MENZIESSIICORYLUS AVELANACORYLUS AVELANAPSEUDOTSUGA MENZIESSIIACER PALMATUMPRUNUS SEROTINAPRUNUS SEROTINAPRUNUS SEROTINAACER PALMATUM	FILBERTFILBERTDOUGLAS FIRJAPANESE MAPLEBLACK CHERRYBLACK CHERRYBLACK CHERRYJAPANESE MAPLE	X X X X X X X X	X	X	8 8 4	FAIR FAIR GOOD GOOD GOOD GOOD	 FAIR FAIR POOR FAIR FAIR FAIR FAIR FAIR 	
T60.1 T61 T62 T63 T64 T65 T66 T67 T68 T69 T70 T71 T72 T72 T73	28 47 13 21 50 11 8 5 6 5 6 5 42	10 10 20 11 10 6 6 6 6	PSEUDOTSUGA MENZIESSIICORYLUS AVELANACORYLUS AVELANAPSEUDOTSUGA MENZIESSIIACER PALMATUMPRUNUS SEROTINAPRUNUS SEROTINAPRUNUS SEROTINAACER PALMATUMQUERCUS GARRYANA	FILBERTFILBERTDOUGLAS FIRJAPANESE MAPLEBLACK CHERRYBLACK CHERRYBLACK CHERRYBLACK CHERRYOREGON WHITE OAK	X X X X X X X X X X X	X	X	8 8 4 15	FAIR FAIR GOOD GOOD GOOD GOOD FAIR	 FAIR FAIR POOR FAIR FAIR FAIR FAIR FAIR POOR 	
T60.1 T61 T62 T63 T64 T65 T65 T66 T67 T68 T69 T70 T71 T72 T73 T74 T75	28 47 13 21 50 11 8 5 6 5 6 5 42 11	10 10 20 11 10 6 6 6 6 35	PSEUDOTSUGA MENZIESSIICORYLUS AVELANACORYLUS AVELANAPSEUDOTSUGA MENZIESSIIACER PALMATUMPRUNUS SEROTINAPRUNUS SEROTINAPRUNUS SEROTINAACER PALMATUMQUERCUS GARRYANAPHOTINIA SERRATIFOLIA	FILBERTFILBERTDOUGLAS FIRJAPANESE MAPLEBLACK CHERRYBLACK CHERRYBLACK CHERRYJAPANESE MAPLEOREGON WHITE OAKCHINESE PHOTINIAJAPANESE MAPLECHINESE PHOTINIA	X X X X X X X X X X X X X X X X	X	X	8 8 4 15 2	FAIR FAIR GOOD GOOD GOOD GOOD FAIR FAIR	 FAIR FAIR POOR FAIR 	
T60.1 T61 T62 T63 T64 T65 T66 T67 T68 T69 T70 T71 T72 T71 T72 T73 T74 T75 T76	28 47 13 21 50 11 8 5 6 5 6 5 42 11 6 11 6 11 1	10 10 20 11 10 6 6 6 6 35 8	PSEUDOTSUGA MENZIESSIICORYLUS AVELANACORYLUS AVELANAPSEUDOTSUGA MENZIESSIIACER PALMATUMPRUNUS SEROTINAPRUNUS SEROTINAPRUNUS SEROTINAQUERCUS GARRYANAPHOTINIA SERRATIFOLIAACER PALMATUMPHOTINIA SERRATIFOLIAPHOTINIA SERRATIFOLIAPHOTINIA SERRATIFOLIAPHOTINIA SERRATIFOLIA	FILBERTFILBERTDOUGLAS FIRJAPANESE MAPLEBLACK CHERRYBLACK CHERRYBLACK CHERRYJAPANESE MAPLEOREGON WHITE OAKCHINESE PHOTINIAJAPANESE MAPLECHINESE PHOTINIACHINESE PHOTINIACHINESE PHOTINIACHINESE PHOTINIA	X X X X X X X X X X X X X X X X X X	X	X	8 8 4 15 2 4 2 2 2 2	FAIR FAIR GOOD GOOD GOOD GOOD FAIR FAIR FAIR FAIR FAIR FAIR	 FAIR FAIR POOR FAIR FAIR FAIR FAIR FAIR POOR FAIR 	LARGE PRUNING CUTS. HALF THE CANOPY MISSING.
T60.1 T61 T62 T63 T64 T65 T66 T67 T68 T69 T70 T71 T72 T71 T72 T73 T74 T75 T76 T76 T76	28 47 13 21 50 11 8 5 6 5 6 5 42 11 6 11 6 11 6 11 11 26	10 10 20 11 10 6 6 6 6 35	PSEUDOTSUGA MENZIESSIICORYLUS AVELANACORYLUS AVELANAPSEUDOTSUGA MENZIESSIIACER PALMATUMPRUNUS SEROTINAPRUNUS SEROTINAPRUNUS SEROTINAACER PALMATUMQUERCUS GARRYANAPHOTINIA SERRATIFOLIAACER PALMATUMPHOTINIA SERRATIFOLIAPHOTINIA SERRATIFOLIA	FILBERTFILBERTDOUGLAS FIRJAPANESE MAPLEBLACK CHERRYBLACK CHERRYBLACK CHERRYBLACK CHERRYOREGON WHITE OAKCHINESE PHOTINIAJAPANESE MAPLECHINESE PHOTINIASILVESTER PINE	X X X X X X X X X X X X X X X X X X X	X	X	8 8 4 15 2 4 2 2 2 2 10	FAIR FAIR GOOD GOOD GOOD GOOD FAIR FAIR FAIR FAIR FAIR FAIR FAIR FAIR	 FAIR FAIR POOR FAIR FOOR FAIR FOOR 	
T60.1 T61 T62 T63 T64 T65 T66 T67 T68 T69 T70 T71 T72 T71 T72 T73 T74 T75 T76	28 47 13 21 50 11 8 5 6 5 6 5 42 11 6 11 6 11 1	10 10 20 11 10 6 6 6 6 35 8	PSEUDOTSUGA MENZIESSIICORYLUS AVELANACORYLUS AVELANAPSEUDOTSUGA MENZIESSIIACER PALMATUMPRUNUS SEROTINAPRUNUS SEROTINAPRUNUS SEROTINAQUERCUS GARRYANAPHOTINIA SERRATIFOLIAACER PALMATUMPHOTINIA SERRATIFOLIAPHOTINIA SERRATIFOLIAPHOTINIA SERRATIFOLIAPHOTINIA SERRATIFOLIA	FILBERTFILBERTDOUGLAS FIRJAPANESE MAPLEBLACK CHERRYBLACK CHERRYBLACK CHERRYJAPANESE MAPLEOREGON WHITE OAKCHINESE PHOTINIAJAPANESE MAPLECHINESE PHOTINIACHINESE PHOTINIACHINESE PHOTINIACHINESE PHOTINIA	X X X X X X X X X X X X X X X X X X	X	X	8 8 4 15 2 4 2 2 2 2	FAIR FAIR GOOD GOOD GOOD GOOD FAIR FAIR FAIR FAIR FAIR FAIR	 FAIR FAIR POOR FAIR FAIR FAIR FAIR FAIR POOR FAIR 	LARGE PRUNING CUTS. HALF THE CANOPY MISSING.





zone radius



01 TREE PROTECTION FENCING DETAIL NTS

Encroachments shall

occupy no more than

25% of the total area

in the root protection

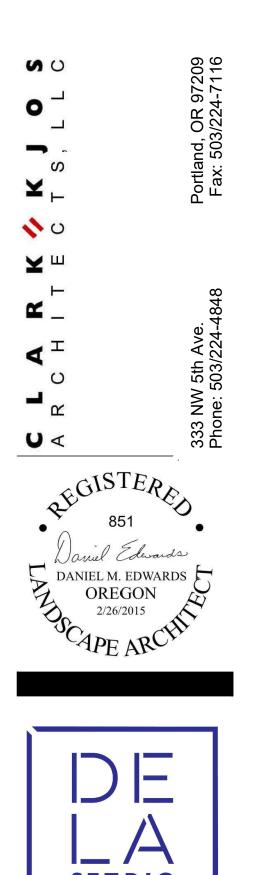
4.5'

zone circle

NOTES

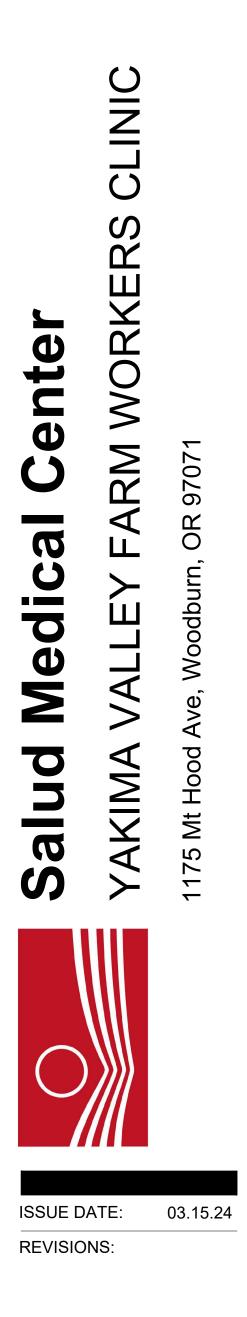
- 1. SEE ACCOMPANYING ARBORIST REPORT FOR MORE INFORMATION.
- 2. REMOVED TREES 24" CALIPER OR GREATER ARE CONISDERED SIGNIFICANT TREES. IF REMOVED, IT SHALL BE REPLACED AT A ONE TO ONE RATIO WITH A SPECIES THAT IS EQUIVALENT IS SIZE WHEN MATURE. REPLACEMENT TREES TO BE 2" CALIPER OR GREATER AT THE TIME OF PLANTING. 3. A TYPE 1 TREE REMOVAL PERMIT SHALL BE OBTAINED BY THE CLIENT FOR THE REMOVAL OF SIGNIFICANT TREES ON THE SITE. SIGNIFICAN TREES ARE ALL TREES THAT ARE 24" CALIPER OR MORE AT 4.5' DBH.
- 4. A CURRENTLY QUALIFIED ISA CERTIFIED ARBORIST (PROJECT ARBORIST) WILL BE ON-SITE AT ALL TIMES DURING ANY PAVING INSTALLATION, SURFACE DISTURBANCE OR EXCAVATION WORK WITHIN 25-FT OF PRESERVED TREES. 5. A PRE-CONSTRUCTION MEETING WILL TAKE PLACE BETWEEN THE CONTRACTORS AND THE PROJECT ARBORIST TO DISCUSS TREE PROTECTION
- PLANNING FOR THE TWO PRESERVED TREES. 6. THE PLACEMENT OF ALL TREE PROTECTION FENCING, AS DETAILED ON THE CONSTRUCTION PLANS, MUST OCCUR BEFORE ANY CONSTRUCTION, EXCAVATION OR STORAGE OF MATERIALS OR EQUIPMENT TAKES PLACE AT THE SITE. THE PROJECT ARBORIST MUST APPROVE THE LOCATION OF
- THE FENCING BEFORE SITE WORK COMMENCES. 7. TREE PROTECTION FENCING WILL CONSIST OF SECURELY JOINED SECTIONS OF 6' TALL CHAINLINK FENCING.
- 8. NO CONSTRUCTION ACTIVITY, INCLUDING VEHICLE ACCESS, OR ANY STORAGE OF SPOIL, MATERIALS OR EQUIPMENT WILL OCCUR WITHIN THE AREA PROTECTED BY THE TREE PROTECTION FENCE UNLESS APPROVED BY THE PROJECT ARBORIST.
- 9. THE PROTECTION FENCE LOCATIONS AS DETAILED IN THE CONSTRUCTION PLANS WILL NOT BE ALTERED OR BREACHED AT ANY TIME WITHOUT THE EXPLICIT APPROVAL OF THE PROJECT ARBORIST.
- 10. ALL SEVERED OR BADLY DAMAGED ROOTS OF ANY PRESERVED TREE MUST BE CUT CLEANLY USING HAND-HELD TOOLS (E.G. HAND SAW, RECIPROCATING SAW, CIRCULAR SAW, ANGLE GRINDER OR BY OTHER MEANS APPROVED BY THE PROJECT ARBORIST).
- 11. THE CRZ, AS DETERMINED BY ARBORIST, MATCHES THE DIAMETER AT BREAST HEIGHT OF EACH TREE LISTED. 12. ANY REQUIRED PRUNING OF THE PRESERVED TREES MUST BE COMPLETED BEFORE INSTALLATION OF THE TREE PROTECTION FENCING AND BEFORE ANY CONSTRUCTION WORK COMMENCES. ALL TREE PRUNING WORK MUST BE COMPLETED BY AN ISA CERTIFIED ARBORIST.

DETAIL

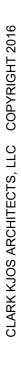


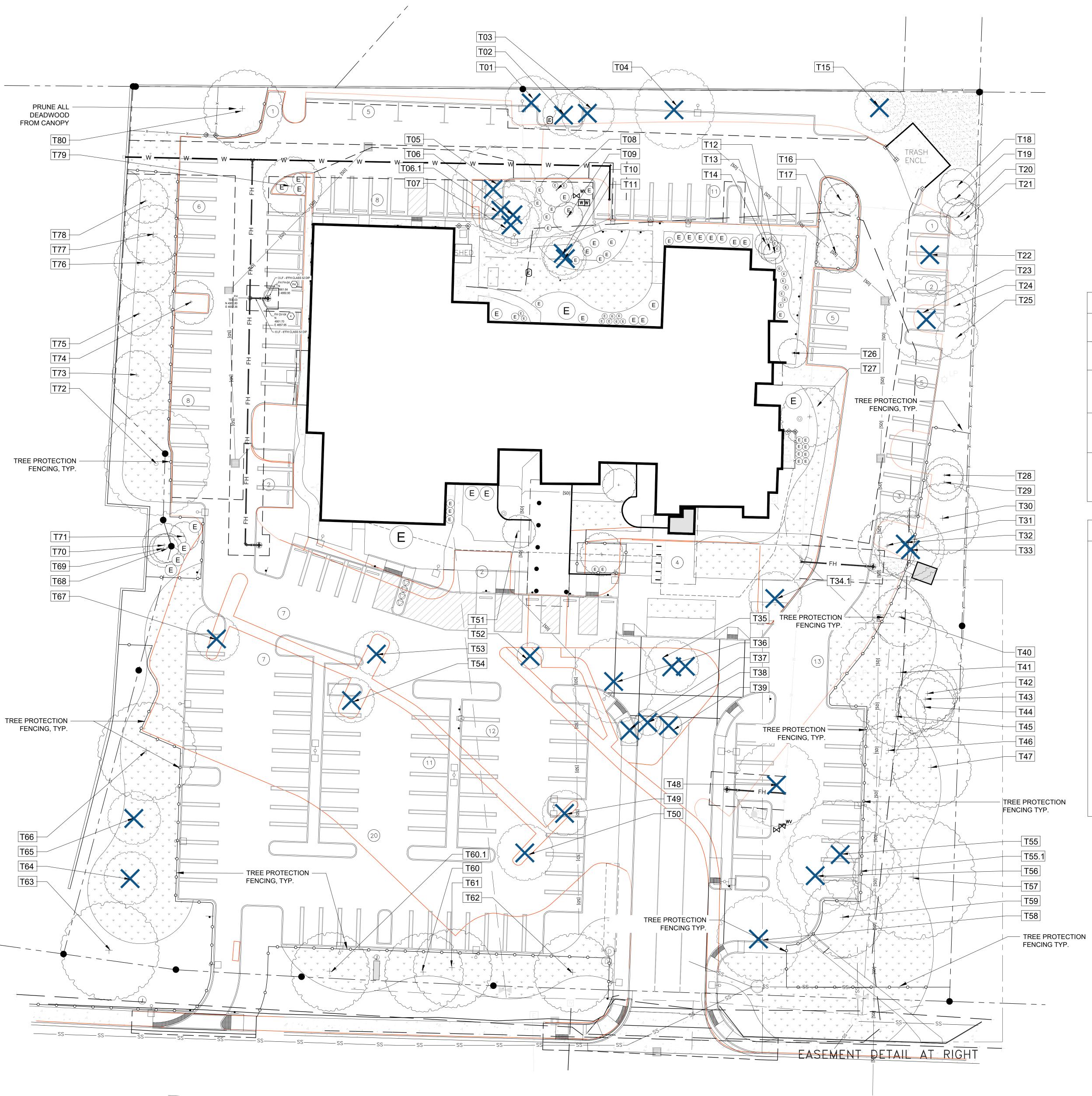
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STUDIO









01 TREE PROTECTION + REMOVAL PLAN 1" = 20'-0"

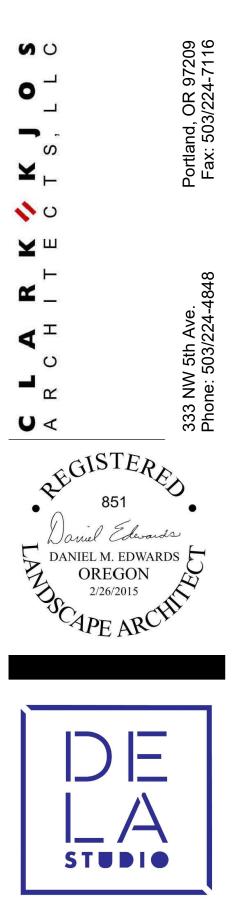
LEGEND

	PROPERTY LINE
	EXISTING PARKING LOT OUTLINE
(°)	EXISTING TREES TO REMAIN
	EXISTING TREES TO BE REMOVED
	ON SITE TREE PROTECTION FENCING - 4' TALL ORANGE TEMPORARY FENCING 6' TALL CHAINLINK FENCING

TREE PROTECTION NOTES

- 1. SEE ACCOMPANYING ARBORIST REPORT FOR TREE PROTECTION FENCING LOCATIONS AND METHODOLOGIES OF PROTECTION INCLUDING NARRATIVES.
- 2. REMOVED TREES 24" CALIPER OR GREATER ARE CONISDERED SIGNIFICANT TREES. IF REMOVED, IT SHALL BE REPLACED AT A ONE TO ONE RATIO WITH A SPECIES THAT IS EQUIVALENT IS SIZE WHEN MATURE. REPLACEMENT TREES TO BE 2" CALIPER OR GREATER AT THE TIME OF PLANTING.
- A TYPE 1 TREE REMOVAL PERMIT SHALL BE OBTAINED BY THE CLIENT FOR THE REMOVAL OF SIGNIFICANT TREES ON THE SITE. SIGNIFICAN TREES ARE ALL TREES THAT ARE 24" CALIPER OR MORE AT 4.5' DBH.
 A CURRENTLY QUALIFIED ISA CERTIFIED ARBORIST (PROJECT ARBORIST) WILL BE ON-SITE AT ALL TIMES DURING ANY PAVING INSTALLATION, SURFACE DISTURBANCE OR EXCAVATION WORK WITHIN 25-FT OF
- PRESERVED TREES. 5. A PRE-CONSTRUCTION MEETING WILL TAKE PLACE BETWEEN THE CONTRACTORS AND THE PROJECT
- ARBORIST TO DISCUSS TREE PROTECTION PLANNING FOR THE TWO PRESERVED TREES.
 6. THE PLACEMENT OF ALL TREE PROTECTION FENCING, AS DETAILED ON THE CONSTRUCTION PLANS, MUST OCCUR BEFORE ANY CONSTRUCTION, EXCAVATION OR STORAGE OF MATERIALS OR EQUIPMENT TAKES PLACE AT THE SITE. THE PROJECT ARBORIST MUST APPROVE THE LOCATION OF THE FENCING BEFORE SITE WORK COMMENCES.
- TREE PROTECTION FENCING WILL CONSIST OF SECURELY JOINED SECTIONS OF 6' TALL CHAINLINK FENCING.
 NO CONSTRUCTION ACTIVITY, INCLUDING VEHICLE ACCESS, OR ANY STORAGE OF SPOIL, MATERIALS OR EQUIPMENT WILL OCCUR WITHIN THE AREA PROTECTED BY THE TREE PROTECTION FENCE UNLESS APPROVED BY THE PROJECT ARBORIST.
- 9. THE PROTECTION FENCE LOCATIONS AS DETAILED IN THE CONSTRUCTION PLANS WILL NOT BE ALTERED OR BREACHED AT ANY TIME WITHOUT THE EXPLICIT APPROVAL OF THE PROJECT ARBORIST.
 10. ALL SEVERED OR BADLY DAMAGED ROOTS OF ANY PRESERVED TREE MUST BE CUT CLEANLY USING HAND-HELD TOOLS (E.G. HAND SAW, RECIPROCATING SAW, CIRCULAR SAW, ANGLE GRINDER OR BY OTHER
- MEANS APPROVED BY THE PROJECT ARBORIST).
 11. THE CRZ, AS DETERMINED BY ARBORIST, MATCHES THE DIAMETER AT BREAST HEIGHT OF EACH TREE LISTED.
 12. ANY REQUIRED PRUNING OF THE PRESERVED TREES MUST BE COMPLETED BEFORE INSTALLATION OF THE TREE PROTECTION FENCING AND BEFORE ANY CONSTRUCTION WORK COMMENCES. ALL TREE PRUNING WORK MUST BE COMPLETED BY AN ISA CERTIFIED ARBORIST.

' 10' 20' 40'



9024 N Geneva Ave., Portland OR 97203 email: info@delandarchstudio.com phone: 503-278-2536





DEQ ESCP NOTES 1. INCLUDE A LIST OF ALL PERSONNEL (BY NAME AND POSITION) THAT ARE RESPONSIBLE FOR THE DESIGN, INSTALLATION AND MAINTENANCE OF STORMWATER CONTROL MEASURES (E.G. ESCP DEVELOPER, BMP INSTALLER (SEE SECTION 4.10), AS WELL AS	EROSION					' [
THEIR INDIVIDUAL RESPONSIBILITIES. (SECTION 4.4.C.II) 2. VISUAL MONITORING INSPECTION REPORTS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS. (SECTION 6.5)	THE PERMITTEE IS REQUIR WITH THE 1200-C PERM					
3. INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS. (SECTION 6.5.Q)	BMP MATRIX FOR CONSTRUCTION	N PHASES	S			
 RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL MUNICIPALITY. (SECTION 4.7) 	REFER TO DEQ GUIDANCE MANUAL FOR A COMPREHENS	VE LIST OF A	/AILABLE BM			
 THE PERMIT REGISTRANT MUST IMPLEMENT THE ESCP. FAILURE TO IMPLEMENT ANY OF THE CONTROL MEASURES OR PRACTICES DESCRIBED IN THE ESCP IS A VIOLATION OF THE PERMIT. (SECTIONS 4 AND 4.11) 	BIOBAGS	CLEARING	GRADING	UTILITY	ROAD CONSTR. X	FIN STABILI
6. THE ESCP MUST BE ACCURATE AND REFLECT SITE CONDITIONS. (SECTION 4.8)	BIO SWALES			^	^	
7. SUBMISSION OF ALL ESCP REVISIONS IS NOT REQUIRED. SUBMITTAL OF THE ESCP REVISIONS IS ONLY UNDER SPECIFIC CONDITIONS. SUBMIT ALL NECESSARY REVISION TO DEQ OR AGENT WITHIN 10 DAYS. (SECTION 4.9)	CHECK DAMS COMPOST BERMS					
 SEQUENCE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION. (SECTION 2.2.2) 	COMPOST BLANKETS COMPOST SOCKS		X	Х	Х	
 CREATE SMOOTH SURFACES BETWEEN SOIL SURFACE AND EROSION AND SEDIMENT CONTROLS TO PREVENT STORMWATER FROM BYPASSING CONTROLS AND PONDING. (SECTION 2.2.3) 	CONCRETE TRUCK WASHOUT CONSTRUCTION ENTRANCE	**X	X	X X	X	
0. IDENTIFY, MARK, AND PROTECT (BY CONSTRUCTION FENCING OR OTHER MEANS) CRITICAL RIPARIAN AREAS AND VEGETATION INCLUDING IMPORTANT TREES AND ASSOCIATED ROOTING ZONES, AND VEGETATION AREAS TO BE PRESERVED. IDENTIFY	DEWATERING DRAINAGE SWALES					
VEGETATIVE BUFFER ZONES BETWEEN THE SITE AND SENSITIVE AREAS (E.G., WETLANDS), AND OTHER AREAS TO BE PRESERVED, ESPECIALLY IN PERIMETER AREAS. (SECTION 2.2.1)	DUST CONTROL EARTH DIKES					
 PRESERVE EXISTING VEGETATION WHEN PRACTICAL AND RE-VEGETATE OPEN AREAS. RE-VEGETATE OPEN AREAS WHEN PRACTICABLE BEFORE AND AFTER GRADING OR CONSTRUCTION. IDENTIFY THE TYPE OF VEGETATIVE SEED MIX USED. (SECTION 2.2.5) 	ENERGY DISSIPATERS EROSION CONTROL BLANKETS & MATS (JUTE MATTING)					
2. MAINTAIN AND DELINEATE ANY EXISTING NATURAL BUFFER WITHIN THE 50-FEET OF WATERS OF THE STATE. (SECTION 2.2.4)	HYDROSEEDING INLET PROTECTION	×	X	×	x	
 INSTALL PERIMETER SEDIMENT CONTROL, INCLUDING STORM DRAIN INLET PROTECTION AS WELL AS ALL SEDIMENT BASINS, TRAPS, AND BARRIERS PRIOR TO LAND DISTURBANCE. (SECTIONS 2.1.3) 	MULCHES					
4. CONTROL BOTH PEAK FLOW RATES AND TOTAL STORMWATER VOLUME, TO MINIMIZE EROSION AT OUTLETS AND DOWNSTREAM CHANNELS AND STREAMBANKS. (SECTIONS 2.1.1. AND 2.2.16)	MYCORRHIZAE / BIOFERTILIZERS NATURAL BUFFER ZONE	X	X	X	X	
5. CONTROL SEDIMENT AS NEEDED ALONG THE SITE PERIMETER AND AT ALL OPERATIONAL INTERNAL STORM DRAIN INLETS AT ALL	ORANGE CONSTRUCTION FENCING OUTLET PROTECTION	**X	X	X	X	
TIMES DURING CONSTRUCTION, BOTH INTERNALLY AND AT THE SITE BOUNDARY. (SECTIONS 2.2.6 AND 2.2.13) B. ESTABLISH CONCRETE TRUCK AND OTHER CONCRETE EQUIPMENT WASHOUT AREAS BEFORE BEGINNING CONCRETE WORK.	PERMANENT SEEDING AND PLANTING PIPE SLOPE DRAINS					
(SECTION 2.2.14) 7. APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING	PLASTIC SHEETING PRESERVE EXISTING VEGETATION	X	X	X	X	
PROGRESSES. TEMPORARY OR PERMANENT STABILIZATION MEASURES ARE NOT REQUIRED FOR AREAS THAT ARE INTENDED TO BE LEFT UNVEGETATED, SUCH AS DIRT ACCESS ROADS OR UTILITY POLE PADS.(SECTIONS 2.2.20 AND 2.2.21)	SEDIMENT FENCING SEDIMENT BARRIER	**X	X	X	X	
8. ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORMWATER CONTROLS. (SECTION 2.3.7)	SEDIMENT TRAP					
9. KEEP WASTE CONTAINER LIDS CLOSED WHEN NOT IN USE AND CLOSE LIDS AT THE END OF THE BUSINESS DAY FOR THOSE CONTAINERS THAT ARE ACTIVELY USED THROUGHOUT THE DAY. FOR WASTE CONTAINERS THAT DO NOT HAVE LIDS, PROVIDE EITHER (1) COVER (F. C. A TARR, PLASTIC SHEETING, TEMPORARY ROOF) TO PREVENT EXPOSURE OF WASTES TO PREVENTATION, OR (2) A	SODDING SOIL TACKIFIERS					
(1) COVER (E.G., A TARP, PLASTIC SHEETING, TEMPORARY ROOF) TO PREVENT EXPOSURE OF WASTES TO PRECIPITATION, OR (2) A SIMILARLY EFFECTIVE MEANS DESIGNED TO PREVENT THE DISCHARGE OF POLLUTANTS (E.G., SECONDARY CONTAINMENT). (SECTION 2.3.7)	STORM DRAIN INLET PROTECTION STRAW WATTLES (OR OTHER MATERIALS)	**X	X	X	X	
20. PREVENT TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADS USING BMPS SUCH AS: CONSTRUCTION ENTRANCE, GRAVELED (OR PAVED) EXITS AND PARKING AREAS, GRAVEL ALL UNPAVED ROADS LOCATED ONSITE, OR USE AN EXIT TIRE WASH. THESE BMPS	TEMPORARY DIVERSION DIKES TEMPORARY OR PERMANENT SEDIMENTATION BASINS					
MUST BE IN PLACE PRIOR TO LAND- DISTURBING ACTIVITIES. (SECTION 2.2.7)	TEMPORARY SEEDING AND PLANTING TREATMENT SYSTEM		Х	Х	Х	
21. WHEN TRUCKING SATURATED SOILS FROM THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRAIN LOADS ON SITE. (SECTION 2.2.7.F) 22. CONTROL PROHIBITED DISCHARGES FROM LEAVING THE CONSTRUCTION SITE, I.E., CONCRETE WASH-OUT, WASTEWATER FROM	UNPAVED ROADS GRAVELED OR OTHER BMP ON THE ROAD					
CLEANOUT OF STUCCO, PAINT AND CURING COMPOUNDS. (SECTIONS 1.5 AND 2.3.9) 23. ENSURE THAT STEEP SLOPE AREAS WHERE CONSTRUCTION ACTIVITIES ARE NOT OCCURRING ARE NOT DISTURBED. (SECTION 2.2.10)	VEGETATIVE FILTER STRIPS					
24. PREVENT SOIL COMPACTION IN AREAS WHERE POST-CONSTRUCTION INFILTRATION FACILITIES ARE TO BE INSTALLED. (SECTION 2.2.12)	** = SIGNIFIES BMP THAT WILL BE INSTALLED PRIOR TO A	NY GROUND [DISTURBING	ACTIVITY.	1 1	L
25. USE BMPS TO PREVENT OR MINIMIZE STORMWATER EXPOSURE TO POLLUTANTS FROM SPILLS; VEHICLE AND EQUIPMENT FUELING, MAINTENANCE, AND STORAGE; OTHER CLEANING AND MAINTENANCE ACTIVITIES; AND WASTE HANDLING ACTIVITIES. THESE POLLUTANTS INCLUDE FUEL, HYDRAULIC FLUID, AND OTHER OILS FROM VEHICLES AND MACHINERY, AS WELL AS DEBRIS, FERTILIZER,	rain gauge					
PESTICIDES AND HERBICIDES, PAINTS, SOLVENTS, CURING COMPOUNDS AND ADHESIVES FROM CONSTRUCTION OPERATIONS. (SECTIONS 2.2.15 AND 2.3)	NEAREST RAIN GAUGE ID: NEAR CITY CENTER STATION					
26. PROVIDE PLANS FOR SEDIMENTATION BASINS THAT HAVE BEEN DESIGNED PER SECTION 2.2.17 AND STAMPED BY AN OREGON PROFESSIONAL ENGINEER. (SEE SECTION 2.2.17.A)	LOCATION: Woodburn, OR LATITUDE = 45.14° NORTH					
27. IF ENGINEERED SOILS ARE USED ON SITE, A SEDIMENTATION BASIN/IMPOUNDMENT MUST BE INSTALLED. (SEE SECTIONS 2.2.17 AND 2.2.18)	LONGITUDE = 122.86° WEST {COORDINATES FROM WEATHER UNDERGROUND - wund	erground.com}				
28. PROVIDE A DEWATERING PLAN FOR ACCUMULATED WATER FROM PRECIPITATION AND UNCONTAMINATED GROUNDWATER SEEPAGE DUE TO SHALLOW EXCAVATION ACTIVITIES. (SEE SECTION 2.4)	PROJECT LOCATION	PROPER	ry desc	CRIPTIC	DN	
29. IMPLEMENT THE FOLLOWING BMPS WHEN APPLICABLE: WRITTEN SPILL PREVENTION AND RESPONSE PROCEDURES, EMPLOYEE TRAINING ON SPILL PREVENTION AND PROPER DISPOSAL PROCEDURES. SPILL KITS IN ALL VEHICLES. REGULAR MAINTENANCE	LOCATED IN SALUD MC IN SECTION 8 IN TOWNSHIP 5 SOUTH, RANGE 1 WEST OF THE	TAXLOT 6	00 (MARION	N COUNTY "	TAX MAP)	
SCHEDULE FOR VEHICLES AND MACHINERY, MATERIAL DELIVERY AND STORAGE CONTROLS, TRAINING AND SIGNAGE, AND COVERED STORAGE AREAS FOR WASTE AND SUPPLIES. (SECTION 2.3)	WILLAMETTE MERIDIAN IN MARION COUNTY,	PROPERTY IN SECTION 8, TO				
30. USE WATER, SOIL-BINDING AGENT OR OTHER DUST CONTROL TECHNIQUE AS NEEDED TO AVOID WIND-BLOWN SOIL. (SECTION 2.2.9)	LATITUDE = 45°09'08.87" NORTH	WEST OF THE COUNTY, ORE		E MERIDIAI	N, MARION	
31. THE APPLICATION RATE OF FERTILIZERS USED TO REESTABLISH VEGETATION MUST FOLLOW MANUFACTURER'S RECOMMENDATIONS TO MINIMIZE NUTRIENT RELEASES TO SURFACE WATERS. EXERCISE CAUTION WHEN USING TIME-RELEASE FERTILIZERS WITHIN ANY WATERWAY RIPARIAN ZONE. (SECTION 2.3.5)	LONGITUDE = 122°50'28.46" WEST {coordinates from DEQ location improvement tool}					
32. IF AN ACTIVE TREATMENT SYSTEM (FOR EXAMPLE, ELECTRO-COAGULATION, FLOCCULATION, FILTRATION, ETC.) FOR SEDIMENT OR OTHER POLLUTANT REMOVAL IS EMPLOYED, SUBMIT AN OPERATION AND MAINTENANCE PLAN (INCLUDING SYSTEM SCHEMATIC, LOCATION OF SYSTEM, LOCATION OF INLET, LOCATION OF DISCHARGE, DISCHARGE DISPERSION DEVICE DESIGN, AND A SAMPLING PLAN AND FREQUENCY) BEFORE OPERATING THE TREATMENT SYSTEM. OBTAIN ENVIRONMENTAL MANAGEMENT PLAN APPROVAL FROM DEQ BEFORE OPERATING THE TREATMENT SYSTEM. OPERATE AND MAINTAIN THE TREATMENT SYSTEM ACCORDING TO						
MANUFACTURER'S SPECIFICATIONS. (SECTION 1.2.9)	SITE DESCRIPTION					
33. TEMPORARILY STABILIZE SOILS AT THE END OF THE SHIFT BEFORE HOLIDAYS AND WEEKENDS, IF NEEDED. THE REGISTRANT IS RESPONSIBLE FOR ENSURING THAT SOILS ARE STABLE DURING RAIN EVENTS AT ALL TIMES OF THE YEAR. (SECTION 2.2) 34. AS NEEDED BASED ON WEATHER CONDITIONS. AT THE END OF FACILY WORKDAY, SOIL, STOCKELLES, MUCT DE STADIUZED OR COVERED.	EXISTING SITE CONDITIONS THE PROPERTY IS CURRENTLY A DEVELOPED SITE WITH					
34. AS NEEDED BASED ON WEATHER CONDITIONS, AT THE END OF EACH WORKDAY SOIL STOCKPILES MUST BE STABILIZED OR COVERED, OR OTHER BMPS MUST BE IMPLEMENTED TO PREVENT DISCHARGES TO SURFACE WATERS OR CONVEYANCE SYSTEMS LEADING TO SURFACE WATERS. (SECTION 2.2.8)	BUILDING. EXISTING SOILS: WuA - WOODBURN SILT LOAM, 0 TO 3 F					,, i⊓l
35. SEDIMENT FENCE: REMOVE TRAPPED SEDIMENT BEFORE IT REACHES ONE THIRD OF THE ABOVE GROUND FENCE HEIGHT AND BEFORE FENCE REMOVAL. (SECTION 2.1.5.B)	FLOOD NOTE: THE PROPERTY SHOWN HEREON APPEAF NUMBER 41047C0139G.			AREA ZONE	"X", PER FI	RM M
36. OTHER SEDIMENT BARRIERS (SUCH AS BIOBAGS): REMOVE SEDIMENT BEFORE IT REACHES TWO INCHES DEPTH ABOVE GROUND	SOIL CONTAMINATION					
HEIGHT AND BEFORE BMP REMOVAL. (SECTION 2.1.5.C) 37. CATCH BASINS: CLEAN BEFORE RETENTION CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT. SEDIMENT BASINS AND SEDIMENT	CONTAMINATED SOILS NOT EXPECTED ON-SITE PER TH DISCOVERED, AN ENVIRONMENTAL MANAGEMENT PLAN					E
TRAPS: REMOVE TRAPPED SEDIMENTS BEFORE DESIGN CAPACITY HAS BEEN REDUCED BY FIFTY PERCENT AND AT COMPLETION OF PROJECT. (SECTION 2.1.5.D)	DEVELOPED CONDITIONS			OT 19 (5 - 1	/P. / P. · · · · · ·	
38. WITHIN 24 HOURS, SIGNIFICANT SEDIMENT THAT HAS LEFT THE CONSTRUCTION SITE, MUST BE REMEDIATED. INVESTIGATE THE CAUSE OF THE SEDIMENT RELEASE AND IMPLEMENT STEPS TO PREVENT A RECURRENCE OF THE DISCHARGE WITHIN THE SAME 24 HOURS. ANY IN-STREAM CLEAN-UP OF SEDIMENT SHALL BE PERFORMED ACCORDING TO THE OREGON DEPARTMENT OF STATE	THE PROJECT INCLUDES THE ADDITION OF AN ENTRY VI EXISTING WOODBURN SALUD MEDICAL CLINIC. THE PAR	KING LOT IMPI	ROVEMENTS	S WILL ADD	STALLS, IM	/IPROV
LANDS REQUIRED TIMEFRAME. (SECTION 2.2.19.A)	TRAFFIC FLOW, ADD A RIGHT OUT ONLY DRIVEWAY, AND CONSTRUCTION HAS NOT BEEN INCLUDED IN THE PHAS SIZE OF THE NEW ENTRY VESTIBULE.					
39. THE INTENTIONAL WASHING OF SEDIMENT INTO STORM SEWERS OR DRAINAGE WAYS MUST NOT OCCUR. VACUUMING OR DRY SWEEPING AND MATERIAL PICKUP MUST BE USED TO CLEANUP RELEASED SEDIMENTS. (SECTION 2.2.19)	- IMPERVIOUS AREA (BUILDING & PARKING LOT) - PERVIOUS AREA (LANDSCAPING)				SF = 2.61 A SF = 1.31 AC	
40. DOCUMENT ANY PORTION(S) OF THE SITE WHERE LAND DISTURBING ACTIVITIES HAVE PERMANENTLY CEASED OR WILL BE TEMPORARILY INACTIVE FOR 14 OR MORE CALENDAR DAYS. (SECTION 6.5.F.)	TOTAL SITE AREA			,		
41. PROVIDE TEMPORARY STABILIZATION FOR THAT PORTION OF THE SITE WHERE CONSTRUCTION ACTIVITIES CEASE FOR 14 DAYS OR MORE WITH A COVERING OF BLOWN STRAW AND A TACKIFIER, LOOSE STRAW, OR AN ADEQUATE COVERING OF COMPOST MULCH	170,839 SF = 3.92 ACRES					
UNTIL WORK RESUMES ON THAT PORTION OF THE SITE. (SECTION 2.2.20) 42. DO NOT REMOVE TEMPORARY SEDIMENT CONTROL PRACTICES UNTIL PERMANENT VEGETATION OR OTHER COVER OF EXPOSED	RECEIVING WATER BODIES: THE ENTIRE PROPERTY DISCHARGES TO THE MILL CREA			OF THE W	ILLAMETTE	RIVEF
AREAS IS ESTABLISHED. ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED, ALL TEMPORARY EROSION CONTROLS AND RETAINED SOILS MUST BE REMOVED AND DISPOSED OF PROPERLY, UNLESS NEEDED FOR LONG TERM USE FOLLOWING	THESE WATER BODIES ARE LISTED ON THE 303(d) IMPAC	TED WATER E	BODY LIST.			
TERMINATION OF PERMIT COVERAGE. (SECTION 2.2.21)	IMPACTED WATER BODIES: THE PROJECT WILL NOT IMPACT ANY WATER BODIES. THE	IERE ARE NO	WETLANDS I	LOCATED (ONSITE.	

ENT CONTROL PLANS

ESCP AND GENERAL CONDITIONS HAVE BEEN DEVELOPED TO FACILITATE COMPLIANCE

TAL DISTURBED AREA523 SF = 2.92 ACRES

NSTRUCTION SUPPORT ACTIVITY SITE ACTIVITIES WILL BE LIMITED TO THE DISTURBED AREA OF 2.80 ACRES. THERE WILL BE AN ADDITIONAL TURBANCE OF 0.12 ACRES OFF-SITE.

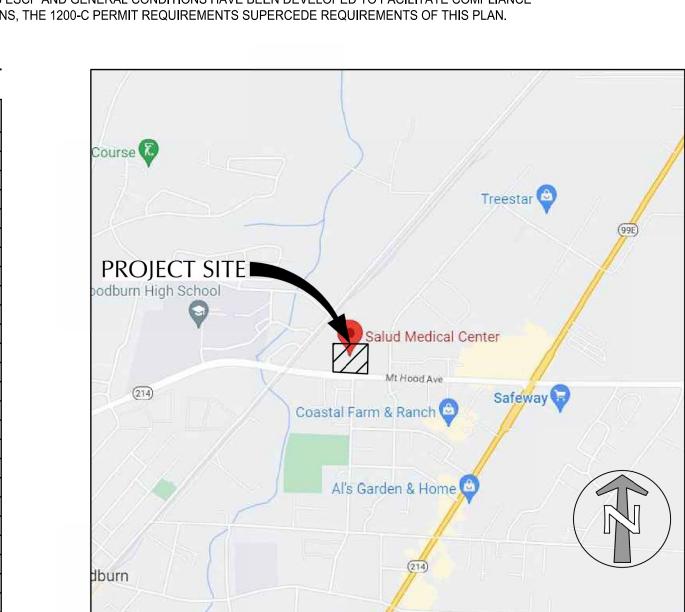
 TURE OF CONSTRUCTION ACTIVITY AND ESTIMATED TIME TABLE

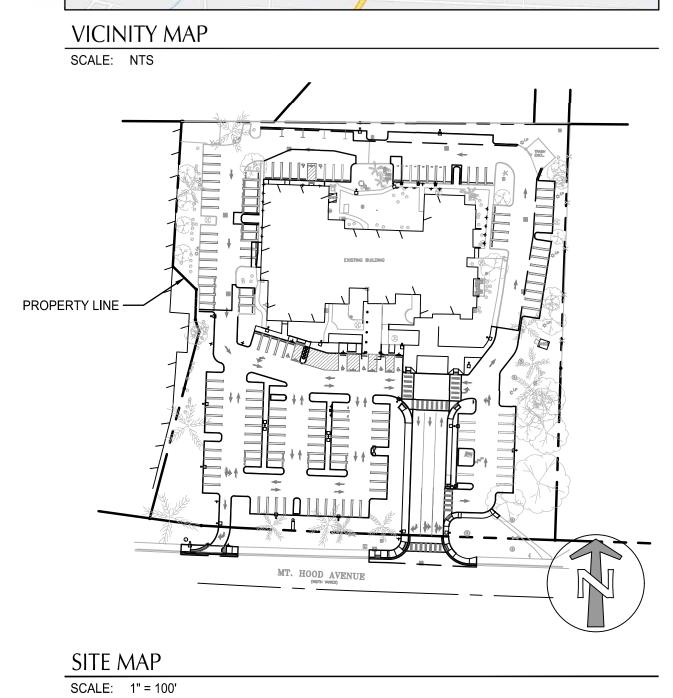
 EARING AND GRADING:
 (JUNE 2024 - SEPTEME
 (JUNE 2024 - SEPTEMBER 2024) LITY AND ROAD INSTALLATION, FINAL STABILIZATION: (SEPTEMBER 2024 - SEPTEMBER 2025) L MATERIAL: ORTED GRAVEL

MPORARY SEED MIX OPTIONS: TION 1 - "DOT MULTI-PURPOSE" BY SUNMARK (MIN. 1 LB/1000 SF)

ION 2 - STANDARD HEIGHT GRASS MIX (MIN. 100 LB./AC.) - ANNUAL RYEGRASS (40% BY WEIGHT)

- TURF-TYPE FESCUE (60% BY WEIGHT)





PROJECT CONTACTS

OWNER: YAKIMA VALLEY FARM WORKERS CLINIC 604 WEST FIRST AVE. PO BOX 190 TOPPENISH, WA 98948 TEL: 509-865-5898 EXT. 2393 CONTACT: ROBIN K. SOUTHARDS

ARCHITECT: CLARK//KJOS ARCHITECTS, LLC 621 SW ALDER STREET. SUITE 700 PORTLAND, OREGON 97205 TEL: 503-206-3821

CONTACT: TYLER CARLSON, AIA

CIVIL ENGINEER: KPFF CONSULTING ENGINEERS 111 SW FIFTH AVENUE, SUITE 2600 PORTLAND, OREGON 97204 TEL: 503-542-3872 CONTACT: ANDREW CHUNG, PE

SURVEYOR: WEDDLE SURVEYING INC. 6950 SW HAMP[TON ST., SUITE 170 TIGARD, OR 97223 TEL: 503-941-9585 CONTACT: ANTHONY RYAN, PLS

CONTRACTOR KAUFMAN COMMERICIAL, LLC 5797 STATE STREET SALEM, OR 97317 TEL: 503-302-1718 CONTACT: JEREMY KUENZI

PERMITEE'S SITE INSPECTOR NAME:JAYSON VALECHCOMPANY/AGENCY:KAUFMAN COMMERCIAL, LLC

503 509 0231 PHONE: FAX:

E-MAIL: JAYSON@KAUFMAN.NET DESCRIPTION OF EXPERIENCE: ECO-3-8282305 (EXPIRES 8/28/2026)

INSPECTION FREQUENCY

SITE CONDITIONS	MINIMUM FREQUENCY
1. ACTIVE PERIOD	ON INITIAL DATE THAT LAND DISTURBANCE ACTIVITIES COMMENCE. WITHIN 24 HOURS OF ANY STORM EVENT, INCLUDING RUNOFF FROM SNOW MELT, THAT RESULTS IN DISCHARGE FROM THE SITE. AT LEAST ONCE EVERY 14 DAYS, REGARDLESS OF WHETHER STORMWATER RUNOFF IS OCCURRING.
2. INACTIVE PERIODS GREATER THAN FOURTEEN (14) CONSECUTIVE CALENDAR DAYS	THE INSPECTOR MAY REDUCE THE FREQUENCY OF INSPECTIONS IN ANY AREA OF THE SITE WHERE THE STABILIZATION STEPS IN SECTION 2.2.20 HAVE BEEN COMPLETED TO TWICE PER MONTH FOR THE FIRST MONTH, NO LESS THAN 14 CALENDAR DAYS APART, THEN ONCE PER MONTH.
3. PERIODS DURING WHICH THE SITE IS INACCESSIBLE DUE TO INCLEMENT WEATHER	IF SAFE, ACCESSIBLE AND PRACTICAL, INSPECTIONS MUST OCCUR DAILY AT A RELEVANT DISCHARGE POINT OR DOWNSTREAM LOCATION OF THE RECEIVING WATERBODY.
4. PERIODS DURING WHICH CONSTRUCTION ACTIVITIES ARE SUSPENDED AND RUNOFF IS UNLIKELY DUE TO FROZEN CONDITIONS.	VISUAL MONITORING INSPECTIONS MAY BE TEMPORARILY SUSPENDED. IMMEDIATELY RESUME MONITORING UPON THAWING, OR WHEN WEATHER CONDITIONS MAKE DISCHARGES LIKELY.
5. PERIODS DURING WHICH CONSTRUCTION ACTIVITIES ARE CONDUCTED AND RUNOFF IS UNLIKELY DURING FROZEN CONDITIONS.	VISUAL MONITORING INSPECTIONS MAY BE REDUCED TO ONCE A MONTH. IMMEDIATELY RESUME MONITORING UPON THAWING, OR WHEN WEATHER CONDITIONS MAKE DISCHARGES LIKELY.

ATTENTION EXCAVATORS

OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING 503-232-1987. IF YOU HAVE ANY QUESTIONS ABOUT THE RULES, YOU MAY CONTACT THE CENTER. YOU MUST NOTIFY THE CENTER AT LEAST TWO BUSINESS DAYS, BEFORE COMMENCING AN EXCAVATION. CALL 503-246-6699.

LOCAL AGENCY PERMIT

ODOT HIGHWAY APPROACH: TBD WOODBURN BUILDING PERMIT: TBD

SHEET INDEX

SHEET NUMBER	SHEET TITLE
EC0.0	ESC - COVER SHEET
EC1.0	ESC - DEMOLITION AND CLEARING
EC2.0	ESC - GRADING, UTILITIES, AND ROADS
EC3.0	ESC - FINAL STABILIZATION
EC4.0	ESC - DETAILS

POLLUTANT-GENERATING ACTIVITIES: POLLUTANT-GENERATING ACTIVITIES ARE NOT EXPECTED ON-SITE. ON-SITE FUEL STORAGE IS NOT ALLOWED. (SECTION 2.4)

ENGINEERED SOILS: ENGINEERED SOILS ARE NOT EXPECTED TO BE USED ON-SITE. IF ENGINEERED SOILS ARE IMPLEMENTED ON-SITE

DURING CONSTRUCTION, AN ENGINEERED SEDIMENT BASIN AND pH MONITORING WILL BE REQUIRED. (SECTIONS

THERE IS A POTENTIAL NEED FOR DUST CONTROL DURING DRY MONTHS. THERE IS A POTENTIAL THAT WATER

USED TO CONTROL DUST WILL DISCHARGE FROM THE SITE AFTER PASSING THROUGH PERIMETER ESC MEASURES. CONSTRUCTION DEWATERING ACTIVITIES ARE NOT EXPECTED FOR THIS PROJECT BASED UPON

NATURAL BUFFER ZONE: THERE ARE NO NATURAL BUFFER ZONES NEAR THE PROJECT AREA.

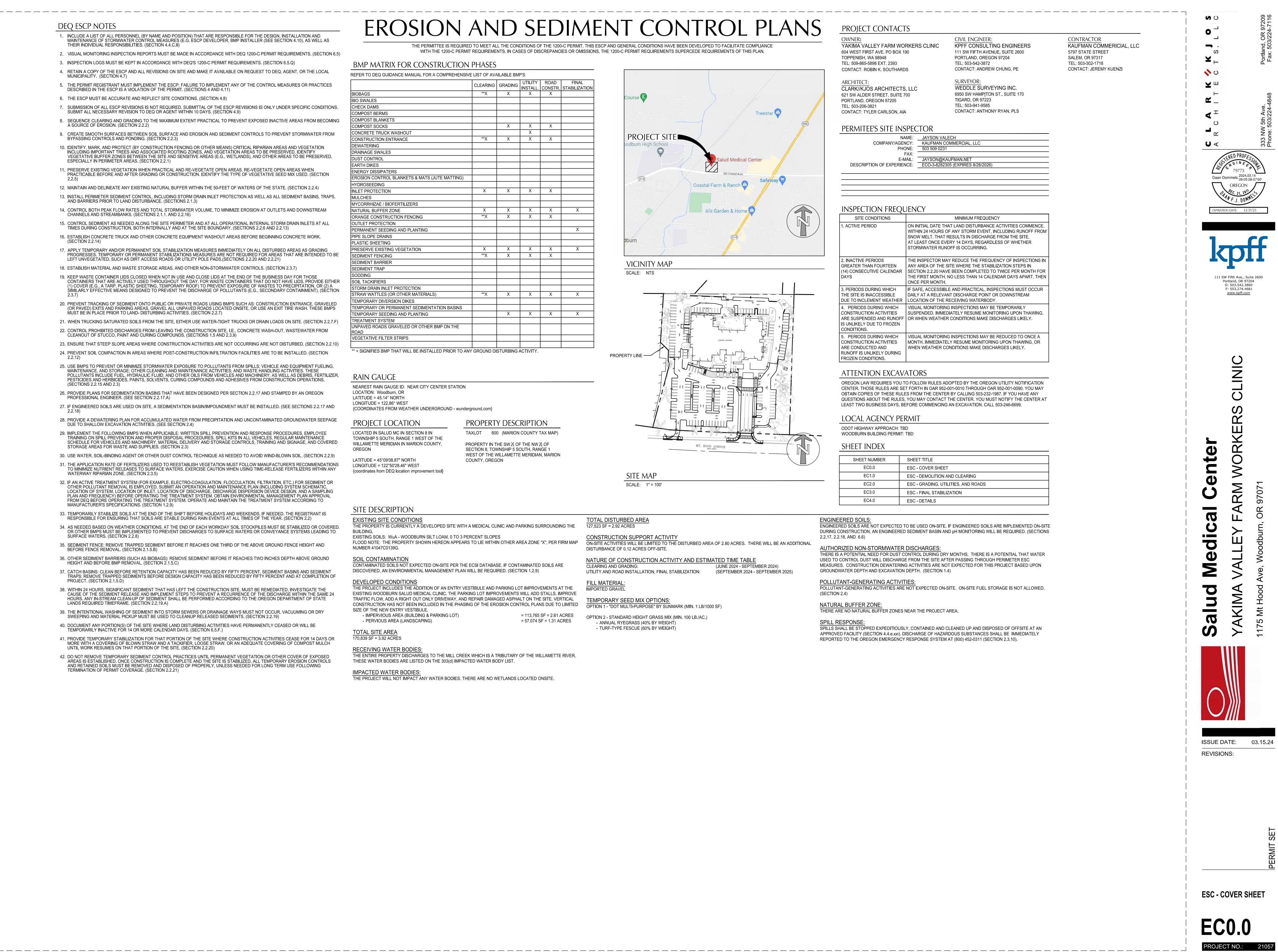
AUTHORIZED NON-STORMWATER DISCHARGES:

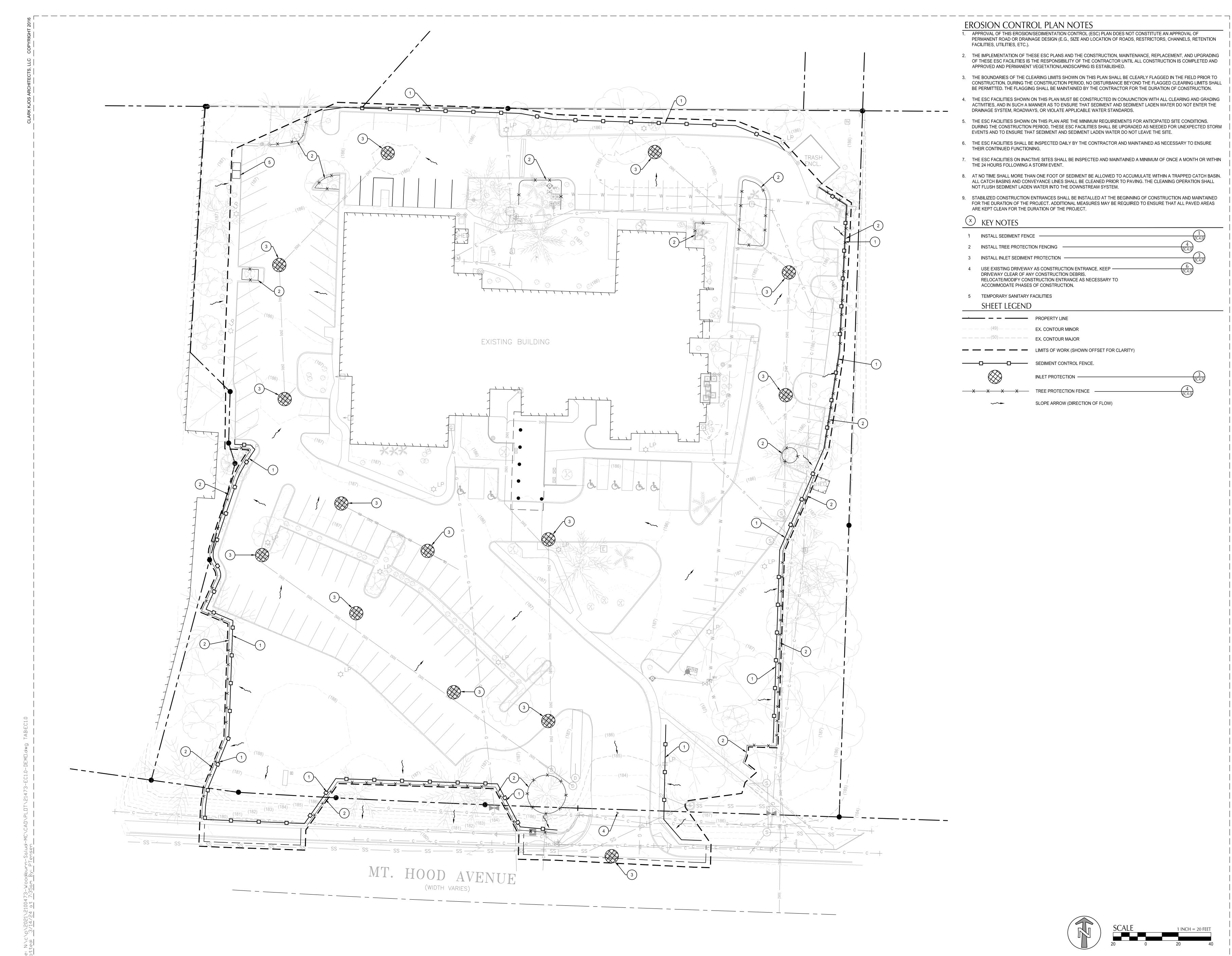
GROUNDWATER DEPTH AND EXCAVATION DEPTH. (SECTION 1.4)

SPILL RESPONSE:

2.2.17, 2.2.18, AND 6.6)

SPILLS SHALL BE STOPPED EXPEDITIOUSLY, CONTAINED AND CLEANED UP AND DISPOSED OF OFFSITE AT AN APPROVED FACILITY (SECTION 4.4.e.xxi). DISCHARGE OF HAZARDOUS SUBSTANCES SHALL BE IMMEDIATELY REPORTED TO THE OREGON EMERGENCY RESPONSE SYSTEM AT (800) 452-0311 (SECTION 2.3.10).





EROSION CONTROL PLAN NOTES APPROVAL OF THIS FROSION/SEDIMENTATION CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF

1.	PERMANENT ROAD OR DRAINAGE DESIGN (E.G., SIZE AND LOCATION OF ROADS, RESTRICTORS, CHANNELS, RI FACILITIES, UTILITIES, ETC.).
2.	THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UNDER THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLEAPPROVED AND PERMANENT VEGETATION/LANDSCAPING IS ESTABLISHED.
3.	THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING L BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRU
4.	THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AN ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT E DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
5.	THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITION DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTION PERIOD.

- EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT LEAVE THE SITE. 6. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
- 7. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 24 HOURS FOLLOWING A STORM EVENT.
- 8. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A TRAPPED CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.
- 9. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.

🗴 KEY NOTES

1	INSTALL SEDIMENT FENG	DE	
2	INSTALL TREE PROTECT	ION FENCING	
3	INSTALL INLET SEDIMEN		
4	DRIVEWAY CLEAR OF AN	Y AS CONSTRUCTION ENTRANCE. KEEP IY CONSTRUCTION DEBRIS. STRUCTION ENTRANCE AS NECESSARY TO S OF CONSTRUCTION.	6 EC4.0
5	TEMPORARY SANITARY	FACILITIES	
	SHEET LEGEND		
		PROPERTY LINE	
	(49)	EX. CONTOUR MINOR	
	(50)	EX. CONTOUR MAJOR	
		LIMITS OF WORK (SHOWN OFFSET FOR CLARITY)	
	-oo	SEDIMENT CONTROL FENCE.	

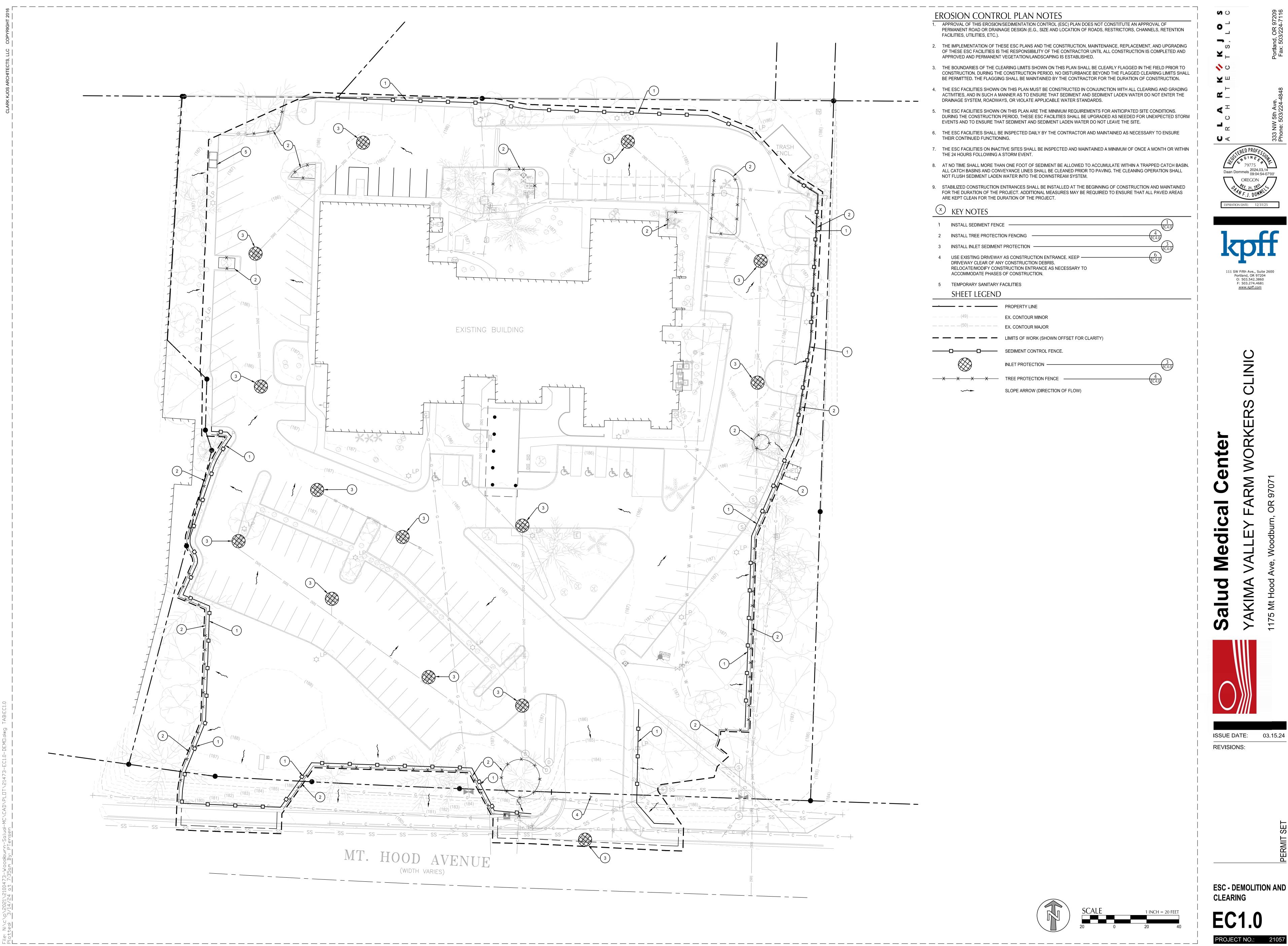
INLET PROTECTION -

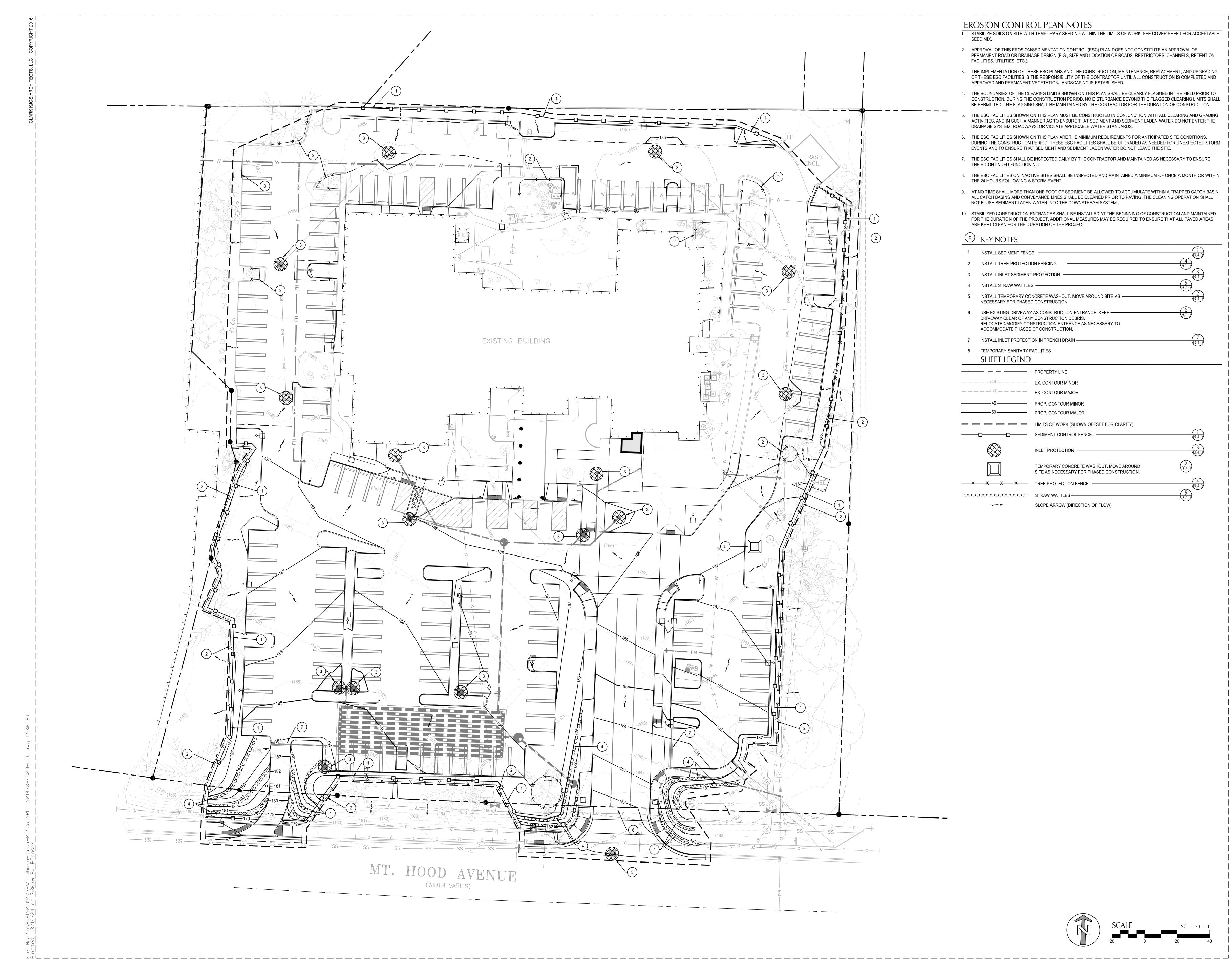
- X X X X TREE PROTECTION FENCE SLOPE ARROW (DIRECTION OF FLOW) ~~~











EROSION CONTROL PLAN NOTES 1. STABILIZE SOILS ON SITE WITH TEMPORARY SEEDING WITHIN THE LIMITS OF WORK. SEE COVER SHEET FOR ACCEPTABLE

- SEED MIX. 2. APPROVAL OF THIS EROSION/SEDIMENTATION CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G., SIZE AND LOCATION OF ROADS, RESTRICTORS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
- 3. THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED AND PERMANENT VEGETATION/LANDSCAPING IS ESTABLISHED.
- 4. THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
- 5. THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
- 6. THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS. DURING THE CONSTRUCTION PERIOD, THESE ESC FACILITIES SHALL BE UPGRADED AS NEEDED FOR UNEXPECTED STORM EVENTS AND TO ENSURE THAT SEDIMENT AND SEDIMENT LADEN WATER DO NOT LEAVE THE SITE.
- 7. THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
- 8. THE ESC FACILITIES ON INACTIVE SITES SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH OR WITHIN THE 24 HOURS FOLLOWING A STORM EVENT. 9. AT NO TIME SHALL MORE THAN ONE FOOT OF SEDIMENT BE ALLOWED TO ACCUMULATE WITHIN A TRAPPED CATCH BASIN.
- ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSTREAM SYSTEM.

10. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.

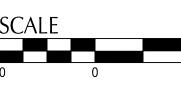
🔅 KEY NOTES

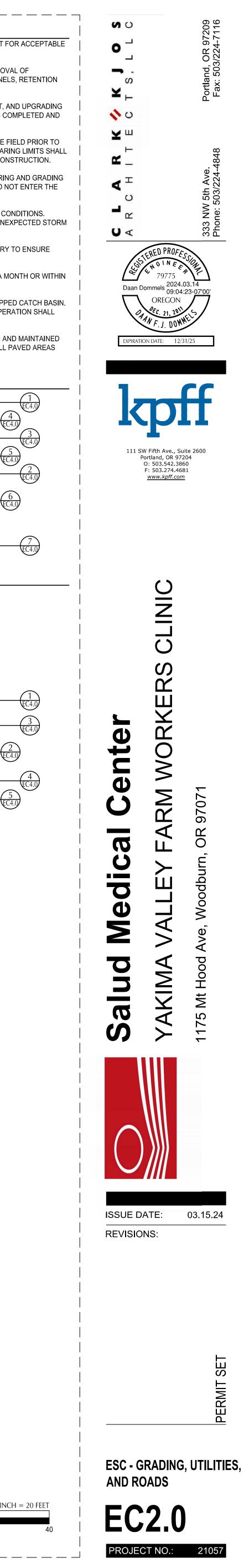
$\underline{\bigcirc}$	/ REY NOTES		
1	INSTALL SEDIMENT FENCE		
2	INSTALL TREE PROTECTION FENCING		4 EC4.0
3	INSTALL INLET SEDIMENT PROTECTION		
4	INSTALL STRAW WATTLES		5 EC4.0
5	INSTALL TEMPORARY CONCRETE WASHOUT. MOVE AROUND SITE AS		
6	USE EXISTING DRIVEWAY AS CONSTRUCTION ENTRANCE. KEEP DRIVEWAY CLEAR OF ANY CONSTRUCTION DEBRIS. RELOCATED/MODIFY CONSTRUCTION ENTRANCE AS NECESSARY TO ACCOMMODATE PHASES OF CONSTRUCTION.		
7	INSTALL INLET PROTECTION IN TRENCH DRAIN		
8	TEMPORARY SANITARY FACILITIES SHEET LEGEND		
		PROPERTY LINE	
		EX. CONTOUR MINOR	
	(50)	EX. CONTOUR MAJOR	
	49	PROP. CONTOUR MINOR	
		PROP. CONTOUR MAJOR	
		LIMITS OF WORK (SHOWN OFFSET FOR CLARITY)	
	o	SEDIMENT CONTROL FENCE	
	\bigotimes		
		TEMPORARY CONCRETE WASHOUT. MOVE AROUND	2 EC4.0
— X	<u> </u>		

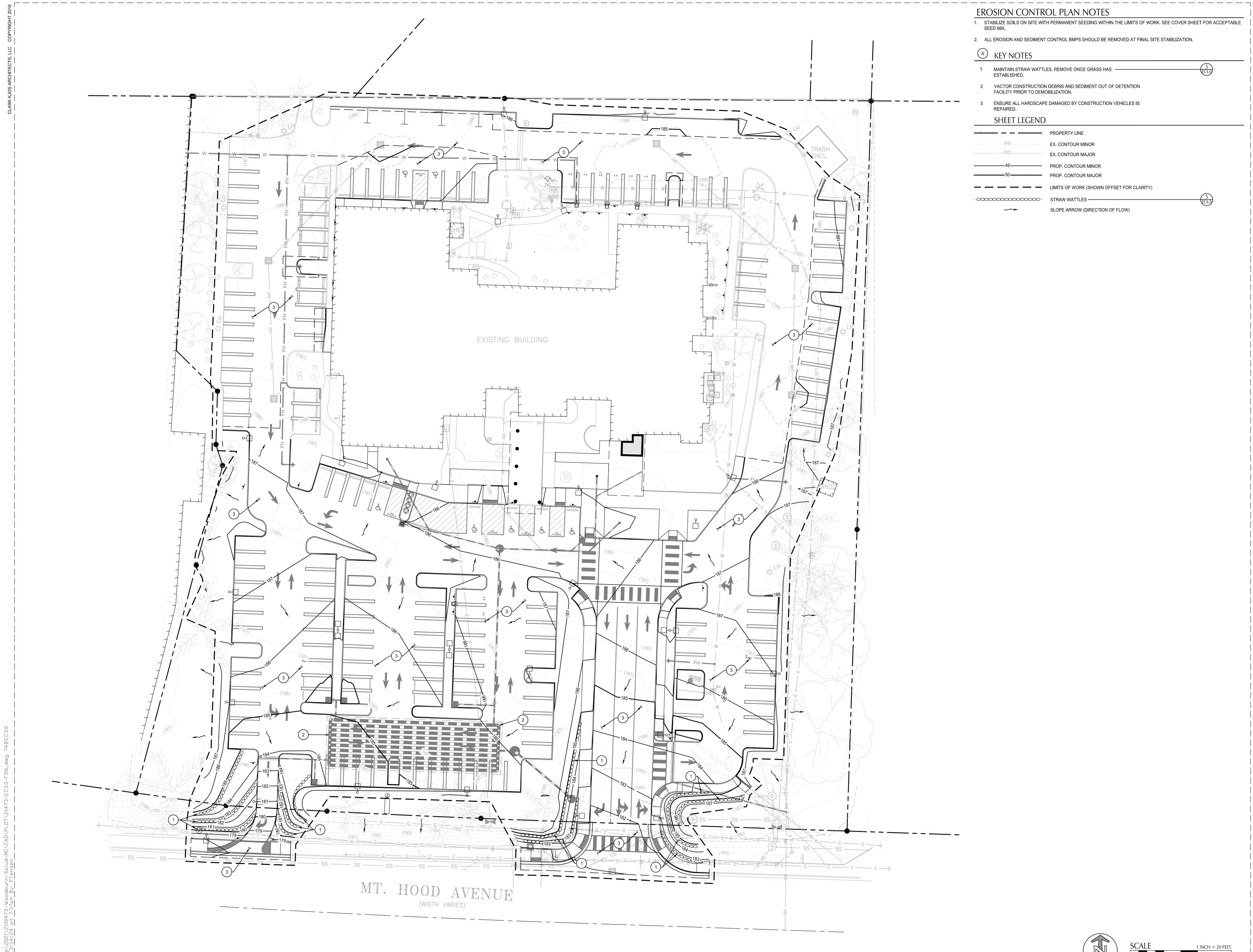
STRAW WATTLES -~~~

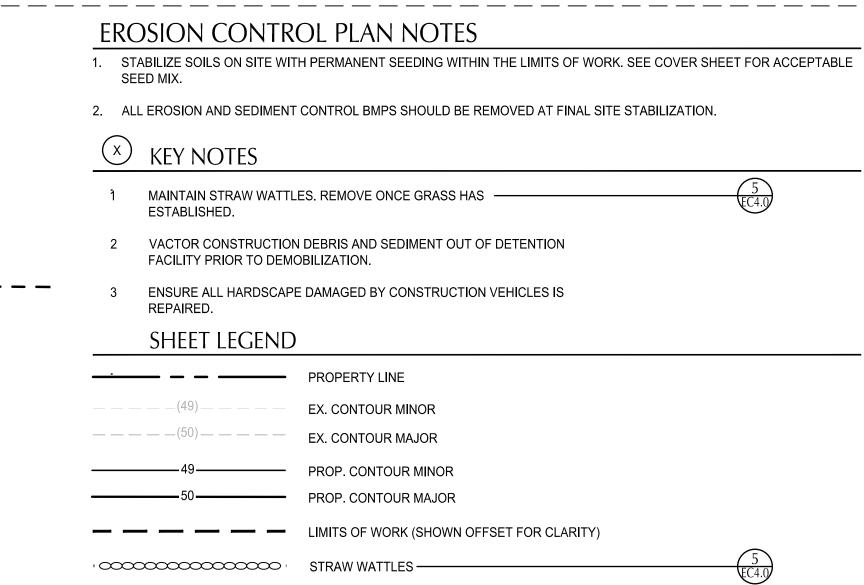
SLOPE ARROW (DIRECTION OF FLOW)





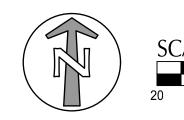


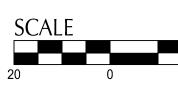




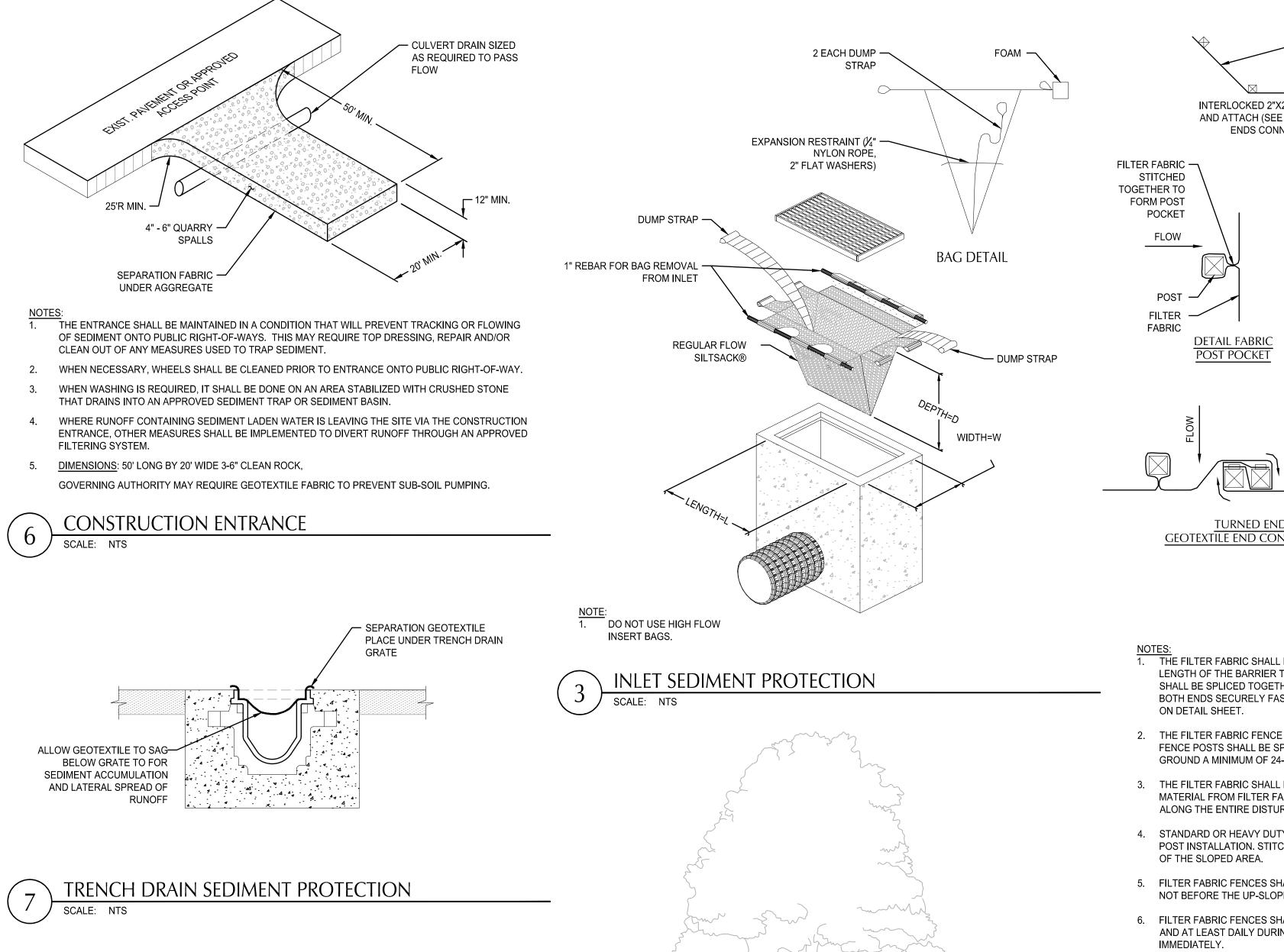
SLOPE ARROW (DIRECTION OF FLOW)

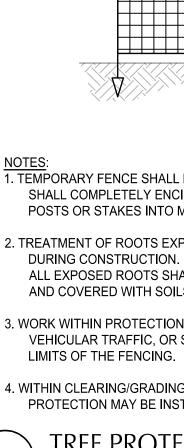
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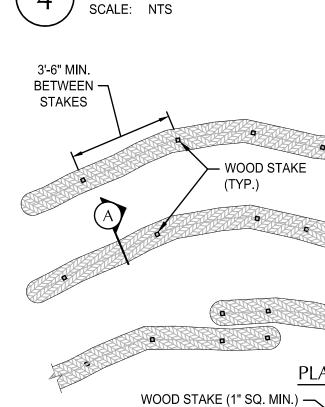












PLAN VIEW

MAX.) SCALE: NTS

STRAW WATTLE ON SLOPE

4. REMOVE DUFF LAYER SO THAT INSTALLED WATTLES HAVE DIRECT CONTACT WITH THE SOIL. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL. 5. STRAW WATTLE SHALL BE RICE STRAW TUBE WITH FLEXIBLE NETTING. USE OF FIBER ROLLS, WHEAT GRASS, OR RYE STRAW NOT PERMITTED.

AND THE BOTTOM OF THE WATTLE.

SECTION 'A' NOTES: 1. STRAW WATTLES TO BE PLACED ALONG SITE CONTOURS. 2. INSTALL THE WATTLES IN A 3"-5" DEEP TRENCH, INSURING THAT NO GAPS EXIST BETWEEN THE SOIL 3. HORIZONTAL SPACING VARIES DEPENDING ON SOIL TYPE AND STEEPNESS, SEE PLAN (5' MIN - 25'

- MINIMUM 1' OVERLAP ON UPHILL SIDE WOOD STAKE (TYP

STRAW WATTLE (8"-10" DIA.)

- EXISTING SLOPE

- NOTE 3

- 2. TREATMENT OF ROOTS EXPOSED DURING CONSTRUCTION: FOR ROOTS OVER 1" IN DIAMETER DAMAGED
- DURING CONSTRUCTION. MAKE A CLEAN STRAIGHT CUT TO REMOVE DAMAGED PORTION OF ROOT. ALL EXPOSED ROOTS SHALL BE TEMPORARILY COVERED WITH DAMP BURLAP TO PREVENT DRYING,
- AND COVERED WITH SOILS AS SOON AS POSSIBLE.

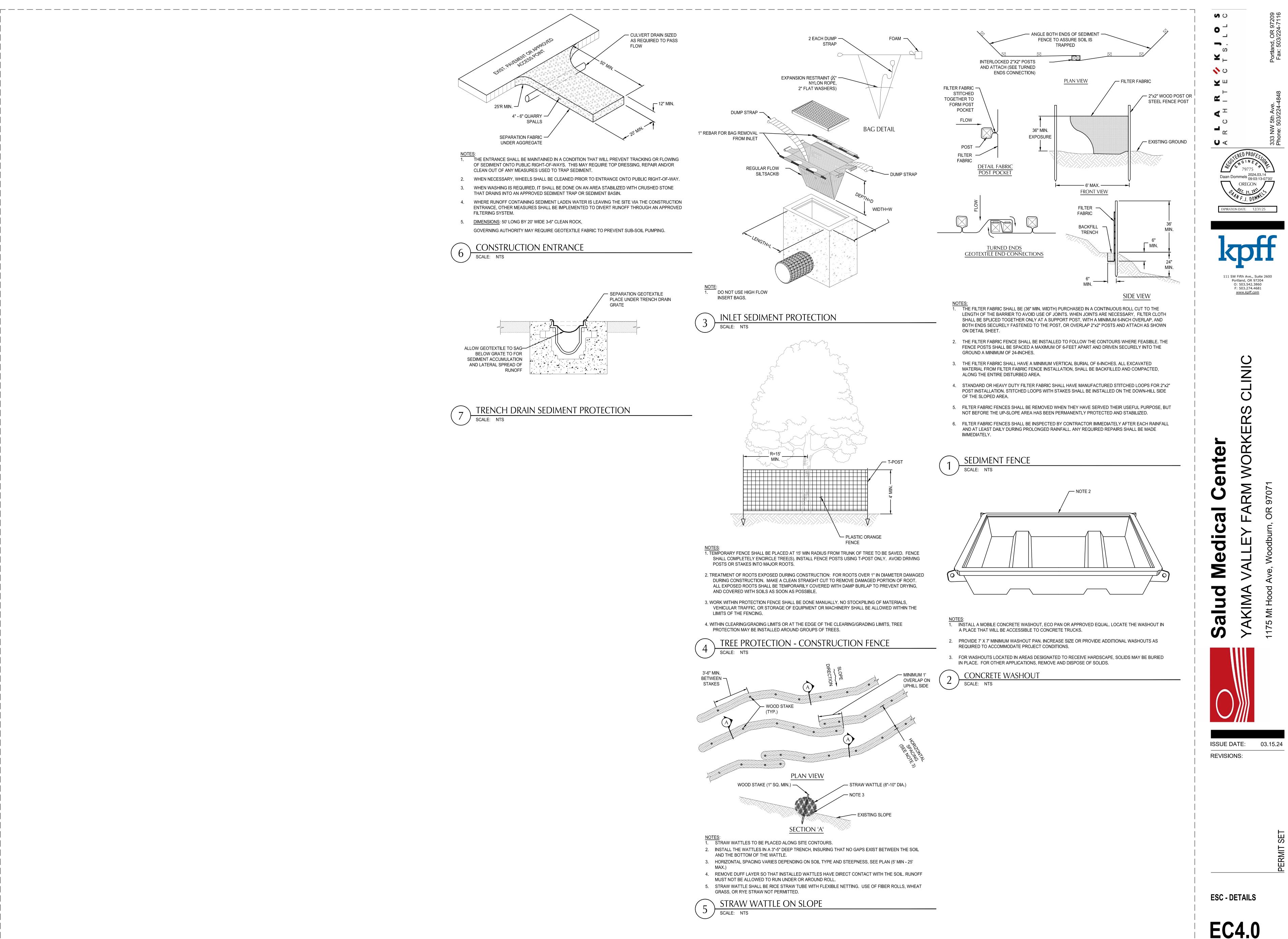
- 3. WORK WITHIN PROTECTION FENCE SHALL BE DONE MANUALLY. NO STOCKPILING OF MATERIALS,

- POSTS OR STAKES INTO MAJOR ROOTS.
- VEHICULAR TRAFFIC, OR STORAGE OF EQUIPMENT OR MACHINERY SHALL BE ALLOWED WITHIN THE
- 4. WITHIN CLEARING/GRADING LIMITS OR AT THE EDGE OF THE CLEARING/GRADING LIMITS, TREE PROTECTION MAY BE INSTALLED AROUND GROUPS OF TREES.
 - **TREE PROTECTION CONSTRUCTION FENCE**
- MIN. - T-POST ┽┽┽┽┼┼┼┼┼┼┼╢╧╬┽┽┽┽┼┼┼┼┼┼┼┼┼┼┼ ┽┼┼┼┼┼┼┼┼┼┼╬╬┼┼┼┼┼┼┼┼┼┼┼┼ <u>╶┼┼┼┼┼┼┼┼┼┼┼╫</u>╗╎┼┼**╓**╎┼┼┼ +++- PLASTIC ORANGE FENCE 1. TEMPORARY FENCE SHALL BE PLACED AT 15' MIN RADIUS FROM TRUNK OF TREE TO BE SAVED. FENCE SHALL COMPLETELY ENCIRCLE TREE(S). INSTALL FENCE POSTS USING T-POST ONLY. AVOID DRIVING

ANGLE BOTH ENDS OF SEDIMENT FENCE TO ASSURE SOIL IS TRAPPED INTERLOCKED 2"X2" POSTS AND ATTACH (SEE TURNED ENDS CONNECTION) PLAN VIEW - FILTER FABRIC 36" MIN. EXPOSURE — 6' MAX. — 🗕 FRONT VIEW FILTER · FABRIC BACKFILL TRENCH TURNED ENDS GEOTEXTILE END CONNECTIONS MIN

- GROUND A MINIMUM OF 24-INCHES.
- ALONG THE ENTIRE DISTURBED AREA.
- NOT BEFORE THE UP-SLOPE AREA HAS BEEN PERMANENTLY PROTECTED AND STABILIZED.

SEDIMENT FENCE



PROJECT NO.: