

EROSION AND SEDIMENT CONTROL PLANS

CLIENT
West Linn-Wilsonville
School District

22210 SW Stafford Rd., Tualatin, OR 97062

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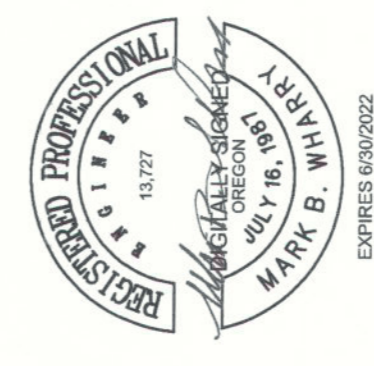
ISSUES	DESCRIPTION	DATE
1.	PERMIT DRAWINGS	2023-10-18

KEY PLAN

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PROJECT
New Athey Creek Middle School
945 Dollar Street
West Linn, OR 97068

PROJECT NO.
124738

DRAWN BY:
MB

CHECKED BY:
DP, MW

PROJECT MGR:
DP

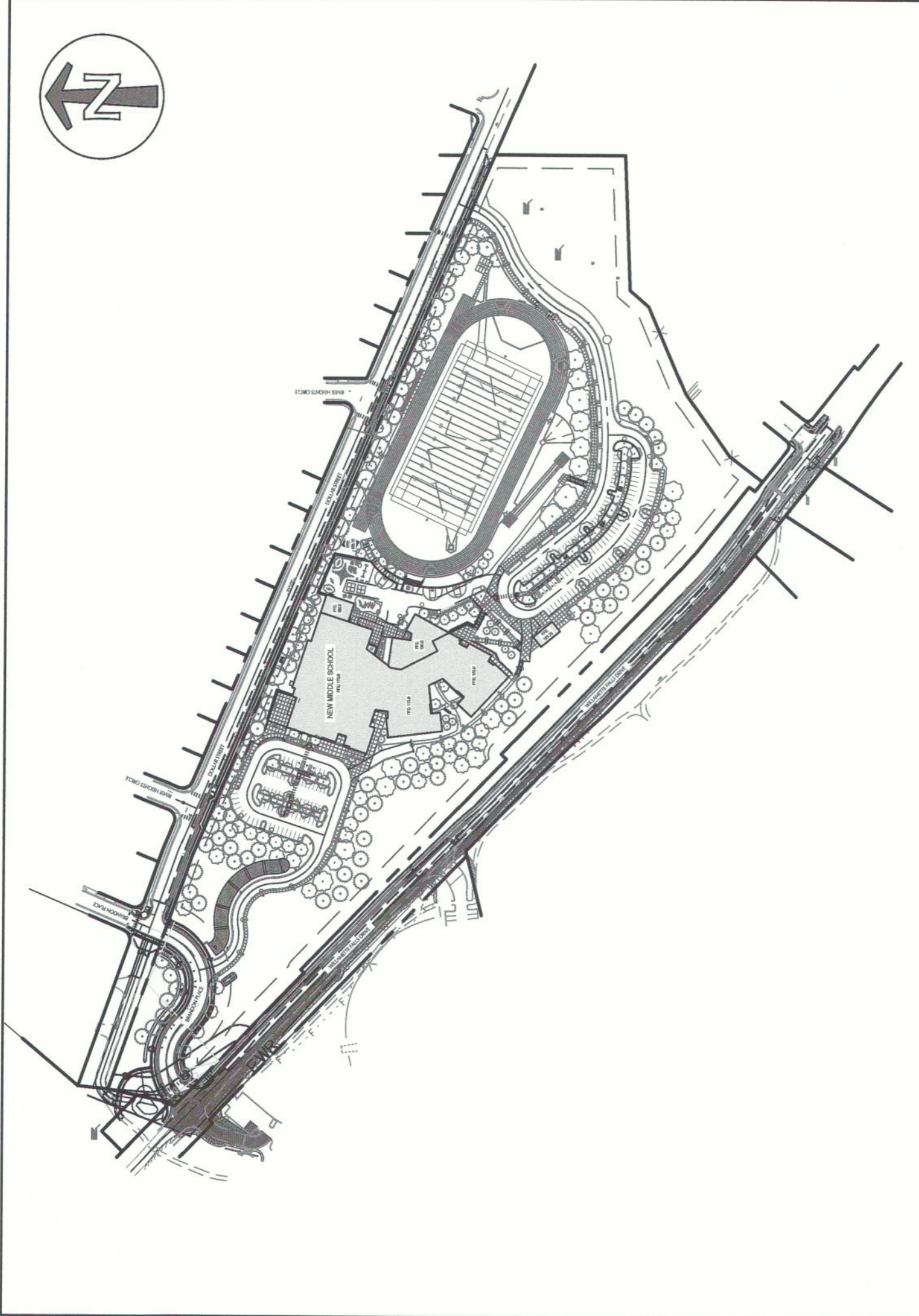
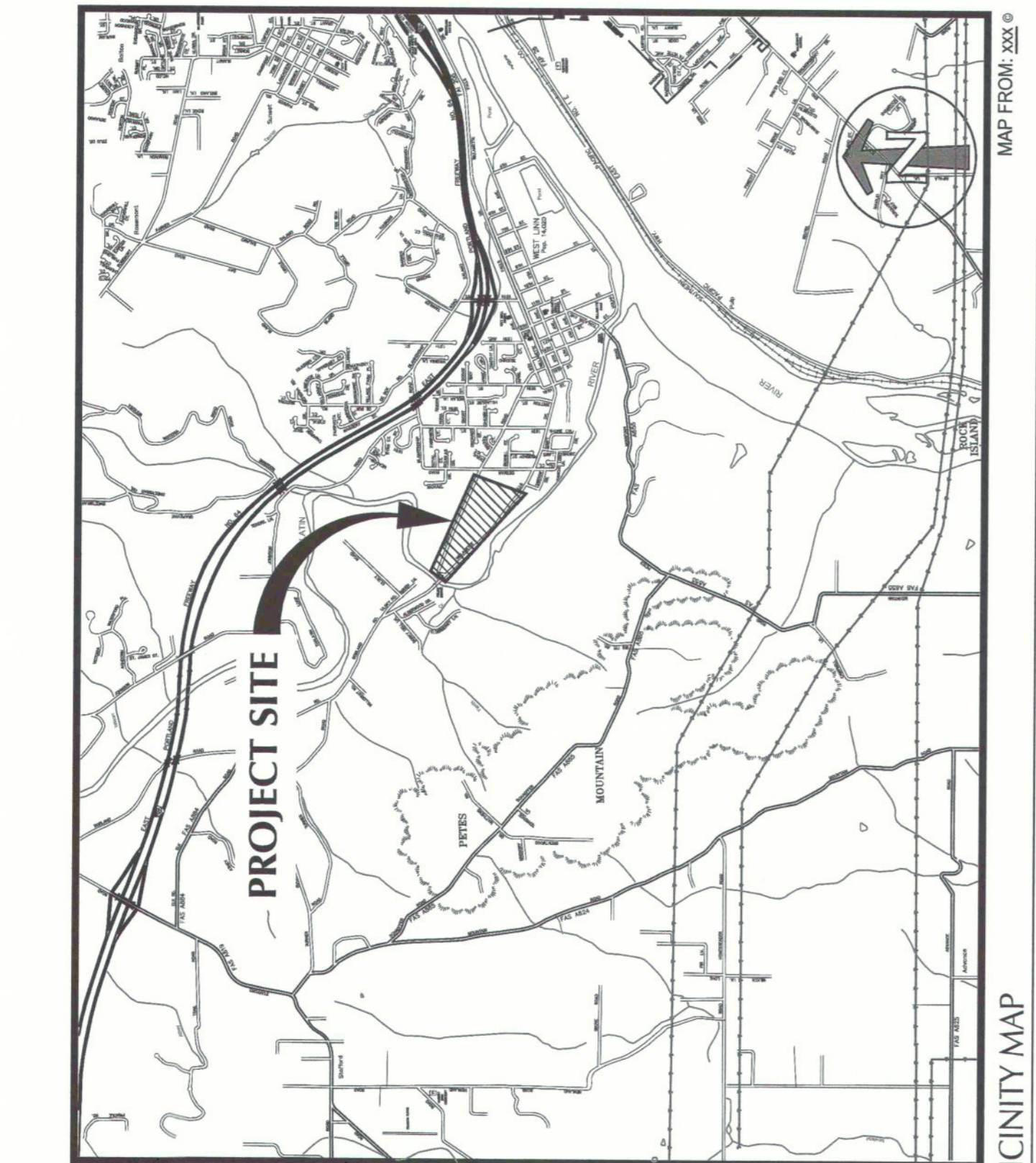
APPROVED BY:
DP

SHEET TITLE
EROSION AND SEDIMENT
CONTROL COVER

SHEET NUMBER
CE0001

ISSUE
A

THE PERMITEE IS REQUIRED TO MEET ALL THE CONDITIONS OF THE 1200-C PERMIT. THIS ESCP AND GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND REQUIREMENTS, IN CASES OF DISCREPANCIES OR OMISSIONS. THE 1200-C PERMIT REQUIREMENTS SUPERSEDE REQUIREMENTS OF THIS PLAN.



INSPECTION FREQUENCY

SITE CONDITION	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. PERIOD 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.

- HOLD A PRE-CONSTRUCTION MEETING OF PROJECT CONSTRUCTION PERSONNEL THAT INCLUDES THE INSPECTOR, TO DISCUSS EROSION AND SEDIMENT CONTROL MEASURES AND CONSTRUCTION LIMITS
- ALL INSPECTIONS MUST BE MADE IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS
- INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS
- RETAIN A COPY OF THE ESCP AND ALL REVISIONS ON SITE AND MAKE IT AVAILABLE ON REQUEST TO DEQ, AGENT, OR THE LOCAL MUNICIPALITY, DURING INACTIVE PERIODS OF GREATER THAN SEVEN (7) CONSECUTIVE CALENDAR DAYS. RETAIN THE ESCP AT THE CONSTRUCTION SITE OR AT ANOTHER LOCATION.

PERMITEE'S SITE INSPECTOR

NAME: DANIELLE PURRETT
COMPANY: IBI GROUP
PHONE: 503.242.3834
E-MAIL: DANIELLE.PURRETT@IBI.COM
FAX:
DESCRIPTION OF EXPERIENCE: OREGON CERTIFICATION NO. 7986

SHEET INDEX

SHEET NUMBER	SHEET TITLE
CE0001	EROSION AND SEDIMENT CONTROL COVER
CE1000	OVERALL CLEARING & DEMOLITION EROSION & SEDIMENT CONTROL PLAN
CE1100	CLEARING & DEMOLITION EROSION & SEDIMENT CONTROL PLAN
CE1101	CLEARING & DEMOLITION EROSION & SEDIMENT CONTROL PLAN
CE1102	CLEARING & DEMOLITION EROSION & SEDIMENT CONTROL PLAN
CE2000	OVERALL ROUGH GRADING EROSION & SEDIMENT CONTROL PLAN
CE2100	ROUGH GRADING EROSION & SEDIMENT CONTROL PLAN
CE2101	ROUGH GRADING EROSION & SEDIMENT CONTROL PLAN
CE2102	ROUGH GRADING EROSION & SEDIMENT CONTROL PLAN
CE3000	OVERALL UTILITIES, STREETS, AND VERTICAL CONSTRUCTION ESC
CE3100	UTILITIES, STREETS, AND VERTICAL CONSTRUCTION ESC
CE3101	UTILITIES, STREETS, AND VERTICAL CONSTRUCTION ESC
CE3102	UTILITIES, STREETS, AND VERTICAL CONSTRUCTION ESC
CE4000	OVERALL FINAL EROSION AND SEDIMENT CONTROL PLAN
CE4100	FINAL EROSION AND SEDIMENT CONTROL PLAN
CE4101	FINAL EROSION AND SEDIMENT CONTROL PLAN
CE4102	FINAL EROSION AND SEDIMENT CONTROL PLAN
CE4900	EROSION AND SEDIMENT CONTROL DETAILS
CE4901	EROSION AND SEDIMENT CONTROL DETAILS
CE4902	EROSION AND SEDIMENT CONTROL DETAILS
CE4903	EROSION AND SEDIMENT CONTROL DETAILS

NARRATIVE DESCRIPTIONS

EXISTING SITE CONDITIONS
THE EXISTING SITE IS PREDOMINANTLY WOODED WITH TYPICAL UNDERGROWTH. EXISTING SOILS, SITE CONSISTS OF WILLAMETTE SILT AND WOODBURN SILT. EACH ARE 80% WOODBURN SILT LOAM
90% WOODBURN SILT LOAM
15% SLOPES
FLOOD NOTE: (NEED TO FILL IN)

SOIL CONTAMINATION
CONTAMINATED SOILS WITH LEAD WERE DISCOVERED ON SITE. THE LEAD CONTAMINATION IS NOT A SIGNIFICANT SOURCE OF POLLUTANTS AND NOT CONTAMINATED. REGS FOR DIRECT CONTACT: THE SOIL IS SUITABLE FOR UNRESTRICTED USE ON SITE AND SHALL NOT BE REMOVED FROM SITE. (SEE SECTION 2.2.19.8) THE LEAD ASSIGNMENT DATED AUGUST 2020 AND SHEET CE1001. A CONTAMINATED MEDIA ENVIRONMENTAL MANAGEMENT PLAN WILL BE REQUIRED. (SECTION 2.2.19)

DEVELOPED CONDITIONS
190,000 SF OF NEW BUILDING, PARKING LOTS, TRACK & FIELD, LANDSCAPING, STORMWATER MANAGEMENT FACILITIES.

TOTAL SITE AREA
1,271,339 SF = 29.7 ACRES
(NOV 2021 - NOV 2021)
RECEIVING WATER BODIES:
THE ENTIRE PROJECT AREA LIES TO THE TUALATIN RIVER AND IS A TRIBUTARY OF THE WILLAMETTE RIVER AND THE MID-WILAMETTE WATERSHED. THIS WATER BODY IS NOT LISTED ON THE 303(b) IMPACTED WATER BODY LIST FOR TURBIDITY OR SEDIMENTATION.

TOTAL DISTURBED AREA
845,660 SF = 21.7 ACRES
(NOV 2021 - APR 2022)
(APR 2022 - DEC 2022)
(DEC 2022 - JUL 2023)
(JUL 2023 - SEPT 2023)

FILL MATERIAL:
NATIVE SOIL

SEED MIX OPTIONS:
NOTE: CONTRACTOR TO PRESERVE VEGETATION ON STEEP SLOPES UNTIL IT BECOMES NECESSARY TO DISTURB FOR CONSTRUCTION.

TEMPORARY SEED MIX: REGREEN STERILE WHEAT GRASS AT 40 LB./ACRE

PERMANENT SEED MIX: SUNMARY SEEDS IN PERMANENT, "CUSTOM WOODLANDS" SEED MIX AND SUNMARK SEEDS IN TEMPORARY. MAINTAIN SEED MIX CONTROL "SEED MIX TO BE APPLIED TOGETHER. APPLICATION RATE OF 1 LB PER 1000 SF."

TEMPORARY BUFFER ZONE:
CONTRACTOR WILL MAINTAIN A 5' UNDISTURBED NATURAL BUFFER ZONE. ORANGE DELINEATE THE PROTECTED AREA.

SPILL RESPONSE:
CONTRACTOR SHALL MAINTAIN APPROPRIATELY SIZED AND CLEANED UP AND DISPOSED OF SPILLS AT AN APPROVED FACILITY. (SECTION 4.4) AND DISCHARGE OF HAZARDOUS SUBSTANCES SHALL BE IMMEDIATELY REPORTED TO THE OREGON EMERGENCY RESPONSE SYSTEM AT (800) 452-0311 (SECTION 2.3.10).

EROSION AND SEDIMENT CONTROL BMP IMPLEMENTATION

- ALL BASE ESC MEASURES (INLET PROTECTION, PERIMETER SEDIMENT CONTROL, GRAVEL CONSTRUCTION ENTRANCES, ETC.) MUST BE IN PLACE, FUNCTIONAL, AND OPERATIONAL PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
- LONG TERM STABILIZATION MEASURES "INCLUDING MATTING" SHALL BE IN PLACE OVER ALL EXPOSED SOILS BY OCTOBER 1.
- INLET PROTECTION SHALL BE IN PLACE IMMEDIATELY FOLLOWING PAVING ACTIVITIES.
- ALL ESC MEASURES DOWNSLOPE MUST BE IN PLACE PRIOR TO GRADING ACTIVITIES. INTEGRATE EROSION CONTROL MEASURES TO UP-SLOPE AREAS AS PROJECT PROGRESSES.

DEQ ESCP NOTES

- 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 THEIR INDIVIDUAL RESPONSIBILITIES. (SECTION 4.4.C.1)
- VISUAL MONITORING INSPECTION REPORTS MUST BE MADE IN ACCORDANCE WITH DEQ 1200-C PERMIT REQUIREMENTS. (SECTION 6.5)
- INSPECTION LOGS MUST BE KEPT IN ACCORDANCE WITH DEQ'S 1200-C PERMIT REQUIREMENTS. (SECTION 6.5)
- 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)
- THE PERMIT REGISTRANT MUST IMPROVE THE ESCP FAILURE TO IMPROVE ANY OF THE CONTROL MEASURES OR PRACTICES DESCRIBED IN THE ESCP IS A VIOLATION OF THE PERMIT. (SECTIONS 4 AND 4.11)
- THE ESCP MUST BE ACCURATE AND REFLECT SITE CONDITIONS. (SECTION 4.8)
- 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)
- SEQUENCE CLEARING AND GRADING TO THE MAXIMUM EXTENT PRACTICAL TO PREVENT EXPOSED INACTIVE AREAS FROM BECOMING A SOURCE OF EROSION. (SECTION 2.2.2)
- CREATE SMOOTH SURFACES BETWEEN SOIL SURFACE AND EROSION AND SEDIMENT CONTROLS TO PREVENT STORMWATER FROM BYPASSING SURFACES AND PONDING. (SECTION 2.2.3)
- 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 VEGETATIVE BUFFER ZONES BETWEEN THE SITE AND ADJACENT WATERSHEDS (E.G. WETLANDS), AND OTHER AREAS TO BE PRESERVED, ESPECIALLY IN PERIMETER AREAS. (SECTION 2.2.4)
- PRESERVE EXISTING VEGETATION WHEN PRACTICAL AND REVEGETATE OPEN AREAS. RE-VEGETATE VEGETATIVE BUFFER ZONES AND OTHER AREAS TO BE PRESERVED. (SECTION 2.2.5)
- MAINTAIN AND DELINEATE ANY EXISTING NATURAL BUFFER WITHIN THE 50-FEET OF WATERS OF THE STATE. (SECTION 2.2.6)
- 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)
- 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)
- CONTROL SEDIMENT AS NEEDED ALONG THE SITE PERIMETER AND AT ALL OPERATIONAL INTERNAL STORM DRAIN INLETS AT ALL TIMES DURING CONSTRUCTION, BOTH INTERNALLY AND AT THE SITE BOUNDARY. (SECTIONS 2.2.8 AND 2.2.13)
- ESTABLISH CONCRETE TRUCK AND OTHER CONCRETE EQUIPMENT WASHOUT AREAS BEFORE BEGINNING CONCRETE WORK. (SECTION 2.2.14)
- APPLY TEMPORARY AND/OR PERMANENT SOIL STABILIZATION MEASURES IMMEDIATELY ON ALL DISTURBED AREAS AS GRADING PROGRESSES. TEMPORARY MEASURES MUST BE LEFT UNVEGETATED, SUCH AS DIRT ACCESS ROADS OR UTILITY POLE PADS (SECTIONS 2.2.20 AND 2.2.21)
- ESTABLISH MATERIAL AND WASTE STORAGE AREAS, AND OTHER NON-STORMWATER CONTROLS. (SECTION 2.3.7)
- KEEP WASTE CONTAINERS CLOSED WHEN NOT IN USE, AND DO NOT USE 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 (E.G. A TARP, PLASTIC SHEETING, TEMPORARY ROOF TO PREVENT EXPOSURE OF WASTES TO PRECIPITATION, OR (2) A SIMILARLY APPROPRIATE MEASURE TO PREVENT THE DISCHARGE OF POLLUTANTS (E.G. SECONDARY CONTAMINATION). (SECTION 2.3.7)
- PREVENT TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADS USING BMPs SUCH AS: UNWASHED TRUCKS LOCATED ON-SITE, OR USE AN EXISTING WASH. THESE BMPs MUST BE IN PLACE PRIOR TO LAND-DISTURBING ACTIVITIES. (SECTION 2.2.7)
- WHEN TRUCKING SALIATED SOILS FROM THE SITE, EITHER USE WATER-TIGHT TRUCKS OR DRUM LOADS ON SITE. (SECTION 2.2.7.F)
- WASHOUT, PREVENTED DISCHARGES FROM LEAVING THE CONSTRUCTION SITE (I.E. CONCRETE WASHOUT, WASTEWATER FROM CLEANOUT OF STRUCTURE PAINT) AND CURING COMPOUNDS. (SECTIONS 1.5 AND 2.3.9)
- ENSURE THAT STEEP SLOPES WHERE CONSTRUCTION ACTIVITIES ARE NOT OCCURRING ARE NOT DISTURBED. (SECTION 2.2.10)

[BLOCK LAST UPDATED 11/02/2016]

OWNER

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ENGINEER

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PHONE: 503.272.3251

PROJECT LOCATION

PROPERTY IN THE SW/4 OF SECTION 34, TOWNSHIP 29, RANGE 1E OF THE WILLAMETTE MERIDIAN, COCOMING COUNTY, OREGON
LATITUDE = 45.348 NORTH
LONGITUDE = -122.0938 WEST
coordinates from google earth

ATTENTION EXCAVATORS

OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON DEPARTMENT OF TRANSPORTATION. THESE RULES ARE SET FORTH IN ORS 830.040(1) THROUGH (4). YOU MAY OBTAIN COPIES OF THESE RULES FROM THE CENTER BY CALLING 503.232.1987. IF YOU HAVE ANY QUESTIONS ABOUT THE RULES, CONTACT THE CENTER AT 503.232.1987. BEFORE COMMENCING ANY EXCAVATION, CALL 503.246.6868.

SITE NOTES

- THERE ARE NO SPRINGS OR WETLANDS LOCATED ON THE PROPERTY.
- THERE ARE NO DRINKING WATER SOURCE AREAS OR NEAR THE PROPERTY.

BMP MATRIX FOR CONSTRUCTION PHASES

REFER TO DEQ GUIDANCE MANUAL FOR A COMPREHENSIVE LIST OF AVAILABLE BMPs

	CLEARING	MASS GRADING	UTILITY INSTALL	STREET CONSTR.	FINAL STABILIZATION	WET WEATHER (10:1-5:31)
BIOBAGS	X				X	X
BIO SWALES	X				X	X
CHECK DAMS	X				X	X
COMPOST BERMS	X				X	X
COMPOST SOCKS	X				X	X
CONCRETE TRUCK WASHOUT	X				X	X
CONCRETE TRUCK ENTRANCE	X				X	X
DEMATERING	X				X	X
DRAINAGE SWALES	X				X	X
DUST CONTROL	X				X	X
EARTH DRESSES	X				X	X
ENERGY DISSIPATORS	X				X	X
EROSION CONTROL BLANKETS & MATS (UTE)	X				X	X
HYDROSEEDING	X				X	X
INLET PROTECTION	X				X	X
MULCHES	X				X	X
MYCORRHIZAE/BIOFERTILIZERS	X				X	X
NATURAL BUFFER ZONE	X				X	X
ORANGE CONSTRUCTION FENCING	X				X	X
OUTLET PROTECTION	X				X	X
PERMANENT SEEDING AND PLANTING	X				X	X
PERMANENT SEEDING AND PLANTING	X				X	X
PLASTIC SHEETING	X				X	X
PRESERVE EXISTING VEGETATION	X				X	X
SEEDING	X				X	X
SEEDING BARRIERS	X				X	X
SEEDING TRAP	X				X	X
SOIL TACKLERS	X				X	X
STABILIZATION PROTECTION	X				X	X
STABILIZATION MATS (OR OTHER MATERIALS)	X				X	X
TEMPORARY DISPERSION DIKES	X				X	X
TEMPORARY OR PERMANENT	X				X	X
TEMPORARY SEEDING AND PLANTING	X				X	X
TEMPORARY SEEDING AND PLANTING	X				X	X
UTILITY SYSTEM	X				X	X
WIND-BLOWN SOIL GRAVELED OR OTHER BMP ON THE ROAD	X				X	X
VEGETATIVE FILTER STRIPS	X				X	X

** = SIGNIFIES BMP THAT WILL BE INSTALLED PRIOR TO ANY GROUND DISTURBING ACTIVITY.

SHEET NOTES

- APPROVAL OF THIS EROSION/SEDIMENT CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G. SIZE AND LOCATION OF ROADS, RESTRICTIONS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
- THE IMPLEMENTATION OF THESE ESC PLANS AND THE CONSTRUCTION, MAINTENANCE, REPLACEMENT, AND UPGRADING OF THESE ESC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR. ALL ESC FACILITIES SHALL BE COMPLETED AND APPROVED AND PERMANENT VEGETATION/LANDSCAPING IS ESTABLISHED.
- THE BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. THE FLAGGING SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
- 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 LAIDEN WATER DO NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
- THE ESC FACILITIES SHOWN ON THIS PLAN ARE THE MINIMUM REQUIREMENTS FOR ANTICIPATED SITE CONDITIONS DURING THE CONSTRUCTION PERIOD. THESE ESC FACILITIES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND TO ENSURE THAT SEDIMENT AND SEDIMENT LAIDEN WATER DO NOT LEAVE THE SITE.
- THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
- 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.
- 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 THE START OF ANY OPERATION THAT FLUSHES SEDIMENT LAIDEN WATER INTO THE DOWNSLOPE DRAINAGE SYSTEM.
- STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. THESE ESC FACILITIES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND TO ENSURE THAT SEDIMENT AND SEDIMENT LAIDEN WATER DO NOT LEAVE THE SITE.
- SURFACE ROUGHENING MEASURES SHALL BE UTILIZED FOR ALL CONSTRUCTED SLOPES OVER 25% PRIOR TO INSTALLATION OF OTHER EROSION AND SEDIMENT CONTROL MEASURES.
- PLASTER SHEETING MAY BE USED AS TEMPORARY SOIL COVER MEASURE ON SLOPES OR SOIL STOCKPILES.
- CONTRACTOR SHALL USE A TEMPORARY HAUL ROAD ONSITE, ALIGNMENT AS NEEDED.
- COMPOST BLANKET MAY BE USED AS AN ADDITIONAL SLOPE PROTECTION MEASURE AS NEEDED.
- PROJECT SITE HAS BEEN LOGGED WITHIN VEGETATED BUFFER LIMITS UNDER A SEPARATE PERMIT AND IS AVAILABLE FOR USE AS ESC MEASURES.
- THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ESC MEASURES WITHIN THE ENTIRE LOGGED AREA INCLUDING USE AREAS. ESC MEASURES SHALL BE INSTALLED TO PREVENT EROSION AND SHALL LIMIT DISTURBANCE OUTSIDE OF THE EXTENT GRADING LIMITS TO INSTALLATION OF ESC MEASURES ONLY.
- REFORESTATION PLANTING HAS BEEN COMPLETED IN SOME OF THE AREA OUTSIDE OF GRADING LIMITS. CONTRACTOR TO MAKE ADJUSTMENTS TO THE EROSION CONTROL MEASURES TO AVOID THE WOODY DEBRIS LEFT FROM LOGGING ACTIVITIES AND THE NEWLY PLANTED TREE STARTS.

SHEET LEGEND

- PROPERTY LINE
- EX. CONTOUR MINOR
- EX. CONTOUR MAJOR
- EXTENT OF GRADING
- SEDIMENT CONTROL FENCE (SHOWN OFFSET FOR CLARITY)
- ORANGE CONSTRUCTION/FREE PROTECTION FENCING
- STRAW WATTLE
- INLET PROTECTION
- CONSTRUCTION ENTRANCE
- TOPSOIL STOCKPILE
- SOILS WITH LEAD CONCENTRATION ABOVE CLEAN FILL CRITERIA, BUT BELOW APPLICABLE RBOS FOR DIRECT PROTECTION FENCING RESTRICTED USE ON SITE. DO NOT REMOVE FROM SITE.

CLIENT
West Linn-Wilsonville School District

22210 SW Stafford Rd, Tualatin, OR 97062

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PLEASE CHOOSE LEGAL ENTRY

ISSUES	DESCRIPTION	DATE
NO.		
A.	PERMIT DRAWINGS	2023-07-10

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SEAL

RESIDENTIAL PROFESSIONAL

MARK B. [Signature]

EXPIRES 06/30/2025

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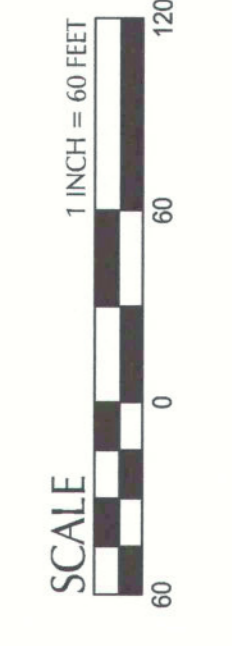
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New Athey Creek Middle School
945 Dollar Street
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PROJECT NO.: 124738
DRAWN BY: DP, MW
CHECKED BY: DP, MW
PROJECT MGR: DP
APPROVED BY: DP

SHEET TITLE
OVERALL CLEARING & DEMOLITION EROSION & SEDIMENT CONTROL PLAN

SHEET NUMBER
CE1100

ISSUE
A



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 School District**
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NO.	DESCRIPTION	DATE
1	PERMIT DRAWINGS	2/27/2016

ISSUES
 A. PERMIT DRAWINGS

KEYPLAN

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SEAL



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PROJECT NO:
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SHEET TITLE
**CLEARING & DEMOLITION
 EROSION & SEDIMENT
 CONTROL PLAN**

SHEET NUMBER
CE1101
 ISSUE
A

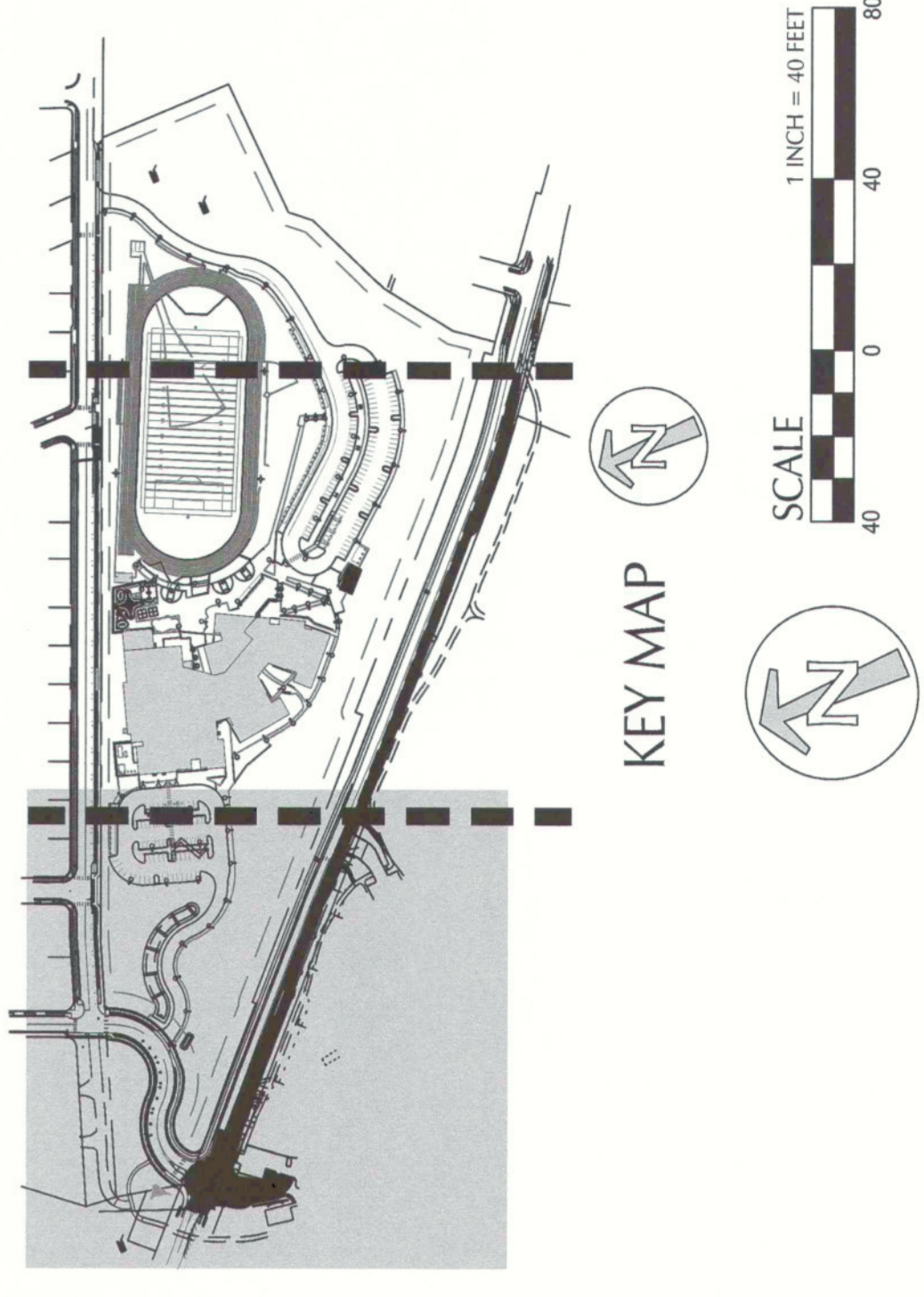
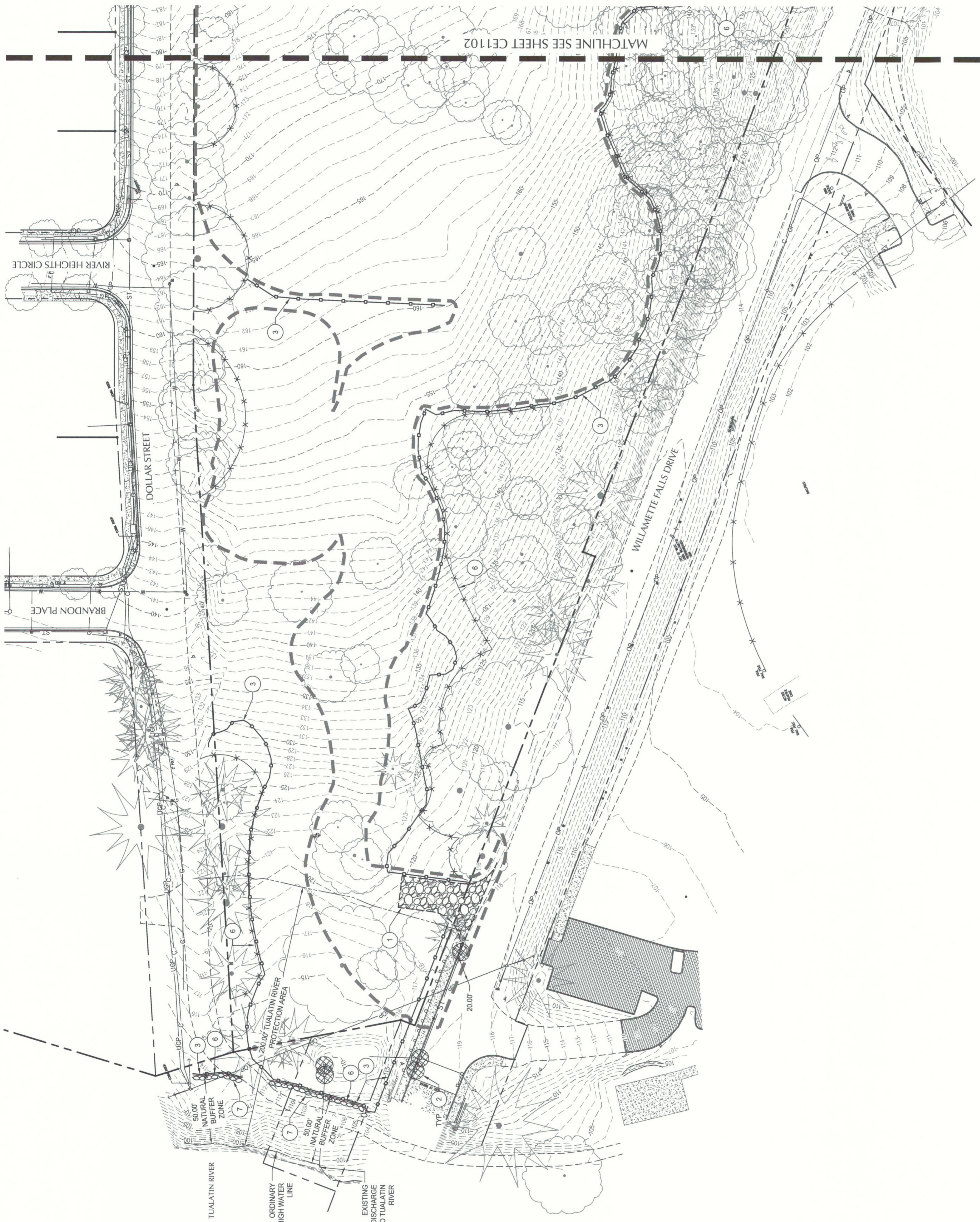
KEY NOTES

- CONSTRUCT GRAVEL CONSTRUCTION ENTRANCE
- INSTALL INLET SEDIMENT PROTECTION
- INSTALL SEDIMENT FENCE
- NOT USED
- TOPSOIL STOCKPILE
- INSTALL ORANGE CONSTRUCTION/TREE PROTECTION FENCING
- INSTALL STRAW WATTLE

SHEET LEGEND

PROPERTY LINE
 EX. CONTOUR MINOR
 EX. CONTOUR MAJOR
 EXTENT OF PHASE 1 CLEARING AND DEMOLITION
 SEDIMENT CONTROL FENCE (SHOWN OFFSET FOR CLARITY)
 ORANGE CONSTRUCTION/TREE PROTECTION FENCING
 STRAW WATTLE
 INLET PROTECTION
 CONSTRUCTION ENTRANCE
 TOPSOIL STOCKPILE

SOILS WITH LEAD CONCENTRATION ABOVE CLEAN FILL CRITERIA, BUT BELOW APPLICABLE RBC'S FOR DIRECT CONTACT. SOIL IS SUITABLE FOR UNRESTRICTED USE ON SITE. DO NOT REMOVE FROM SITE.



CLIENT
**West Linn-Wilsonville
 School District**
 22210 SW Stafford Rd, Tualatin, OR 97062

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ISSUES	DESCRIPTION	DATE
NO.	PERMIT DRAWINGS	2024-07-10

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 A MEMBER OF THE STATE OF OREGON

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PROJECT
New Athey Creek Middle School
 945 Dollar Street
 West Linn, OR 97068

PROJECT NO:
 124738

DRAWN BY:
 DP, MW

CHECKED BY:
 DP, MW

PROJECT MGR:
 DP

APPROVED BY:
 DP

SHEET TITLE
**CLEARING & DEMOLITION
 EROSION & SEDIMENT
 CONTROL PLAN**

SHEET NUMBER
CE1102

ISSUE
A

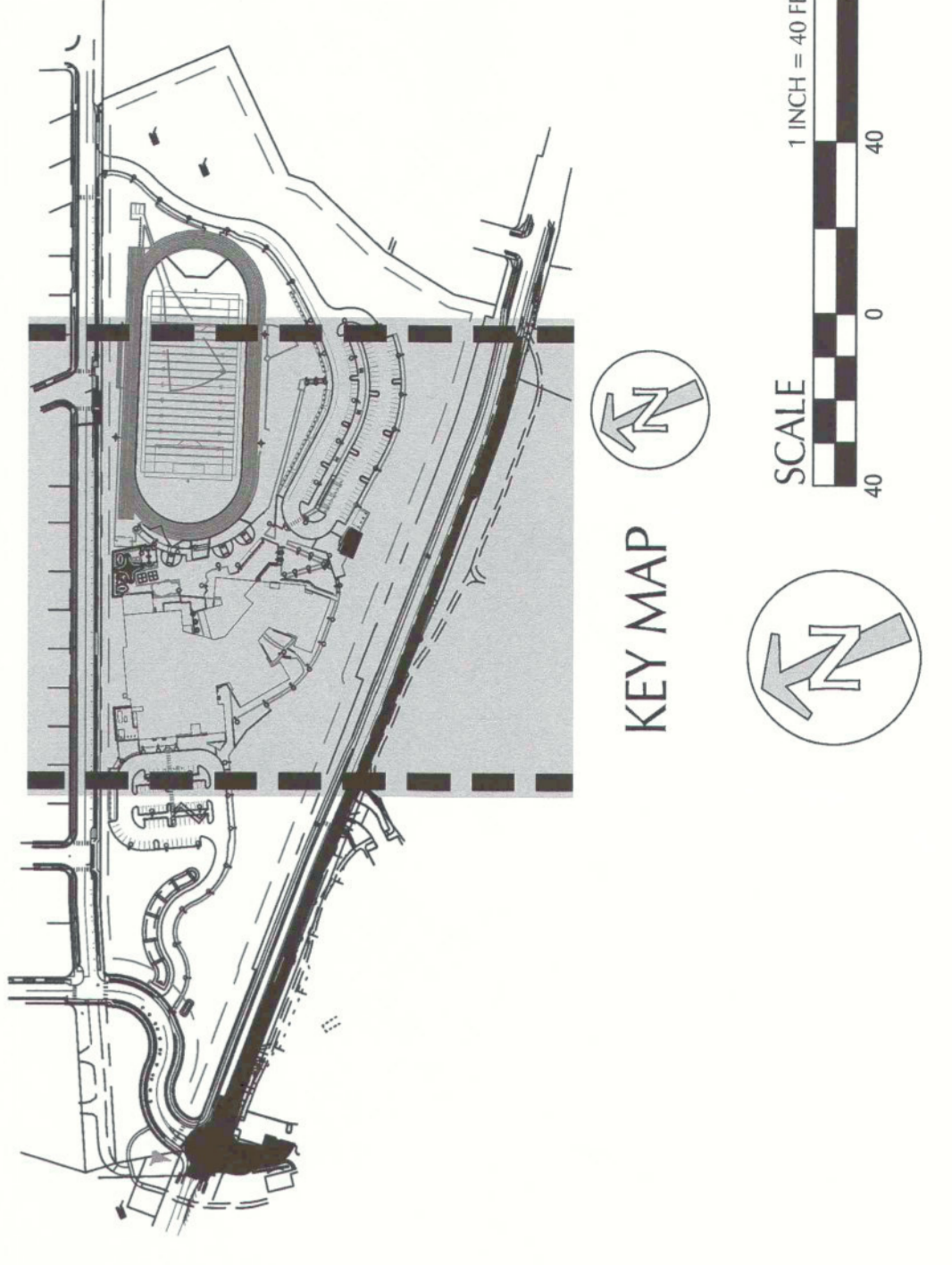
KEY NOTES

1. CONSTRUCT GRAVEL CONSTRUCTION ENTRANCE
2. INSTALL INLET SEDIMENT PROTECTION
3. INSTALL SEDIMENT FENCE
4. NOT USED
5. TOPSOIL STOCKPILE
6. INSTALL ORANGE CONSTRUCTION/TREE PROTECTION FENCING
7. INSTALL STRAW WATTLE

SHEET LEGEND

PROPERTY LINE
 EX. CONTOUR MINOR
 EX. CONTOUR MAJOR
 EXTENT OF PHASE 1 CLEARING AND DEMOLITION
 SEDIMENT CONTROL FENCE (SHOWN OFFSET FOR CLARITY)
 ORANGE CONSTRUCTION/TREE PROTECTION FENCING
 STRAW WATTLE
 INLET PROTECTION
 CONSTRUCTION ENTRANCE
 TOPSOIL STOCKPILE

SOILS WITH LEAD CONCENTRATION ABOVE CLEAN FILL CRITERIA, BUT BELOW APPLICABLE RBC'S FOR DIRECT CONTACT. SOIL IS SUITABLE FOR UNRESTRICTED USE ON SITE. DO NOT REMOVE FROM SITE.



ISSUES	DESCRIPTION	DATE
NO.		
A.	PERMIT DRAWINGS	2/27/2018

KEY PLAN

CONSULTANTS

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SEAL

PROFESSIONAL ENGINEER
 STATE OF OREGON
 No. 13177
 Mark D. Williams
 EXP. 06/30/2020

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PROJECT
New Athey Creek Middle School
 845 Dollar Street
 West Linn, OR 97068

PROJECT NO:
 124738

DRAWN BY:
 XX

PROJECT MGR:
 DP

APPROVED BY:
 DP

SHEET TITLE
**OVERALL ROUGH GRADING
 EROSION AND SEDIMENT
 CONTROL PLAN**

SHEET NUMBER
CE2100

ISSUE
A

SHEET NOTES

- APPROVAL OF THIS EROSION CONTROL 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.).
- 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.
- 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 SHALL BE ALLOWED TO OCCUR OUTSIDE THE CLEARING LIMITS. THE ESC FACILITIES SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
- THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL OTHER CONSTRUCTION ACTIVITIES. ESC FACILITIES SHALL NOT BE CONSTRUCTED AFTER ALL SEDIMENT LAZEN WATER DO NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
- 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 LAZEN WATER DO NOT LEAVE THE SITE.
- THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
- 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.
- 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 DOWNSTREAM SYSTEM.
- 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.
- SURFACE ROUGHENING MEASURES SHALL BE UTILIZED FOR ALL CONSTRUCTED SLOPES OVER 25% PRIOR TO INSTALLATION OF OTHER EROSION AND SEDIMENT CONTROL MEASURES.
- PLASTIC SHEETING MAY BE USED AS TEMPORARY SOIL COVER MEASURE ON SLOPES OR SOIL STOCKPILES.
- CONTRACTOR MAY USE A TEMPORARY HAUL ROAD ON-SITE, ALIGNMENT AS NEEDED.
- COMPOST BLANKET MAY BE USED AS AN ADDITIONAL SLOPE PROTECTION MEASURE AS NEEDED.
- PERMANENT SEED MIXTURES SHALL BE APPLIED TO ALL FINISHED SURFACE GRADING PER LANDSCAPE REQUIREMENTS.



SHEET LEGEND

	PROPERTY LINE
	EX CONTOUR MINOR
	EX CONTOUR MAJOR
	PROP. CONTOUR MINOR
	PROP. CONTOUR MAJOR
	PROP. CONTOUR MINOR - PUBLIC ROW
	PROP. CONTOUR MAJOR - PUBLIC ROW
	EXTENT OF DISTURBANCE
	TEMPORARY BERM
	TEMPORARY PIPED DISCHARGE
	COMPOST SOCK
	SEDIMENT CONTROL FENCE (SHOWN OFFSET FOR CLARITY)
	TREE PROTECTION FENCING
	INLET PROTECTION
	CHECK DAM IN DITCHES AND SWALES
	CONSTRUCTION ENTRANCE
	JUTE MATTING
	EROSION CONTROL BLANKET
	TOPSOIL STOCKPILE
	TEMPORARY EROSION CONTROL SEEDING
	TEMPORARY SEDIMENT POND
	CONCRETE WASHOUT
	DRAINAGE FLOW ARROW
	PIPE SLOPE DRAIN
	BAKER TANK

ISSUES	NO.	DESCRIPTION	DATE
	A	PERMIT DRAWINGS	2/21/17-18

PLEASE CHOOSE LEGAL ENTRY
 AS INDICATED BY THE OFFICE OF LAND USE

KEY PLAN

CONSULTANTS
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SEAL

PROJECT
New Althey Creek Middle School
 945 Dollar Street
 West Linn, OR 97068

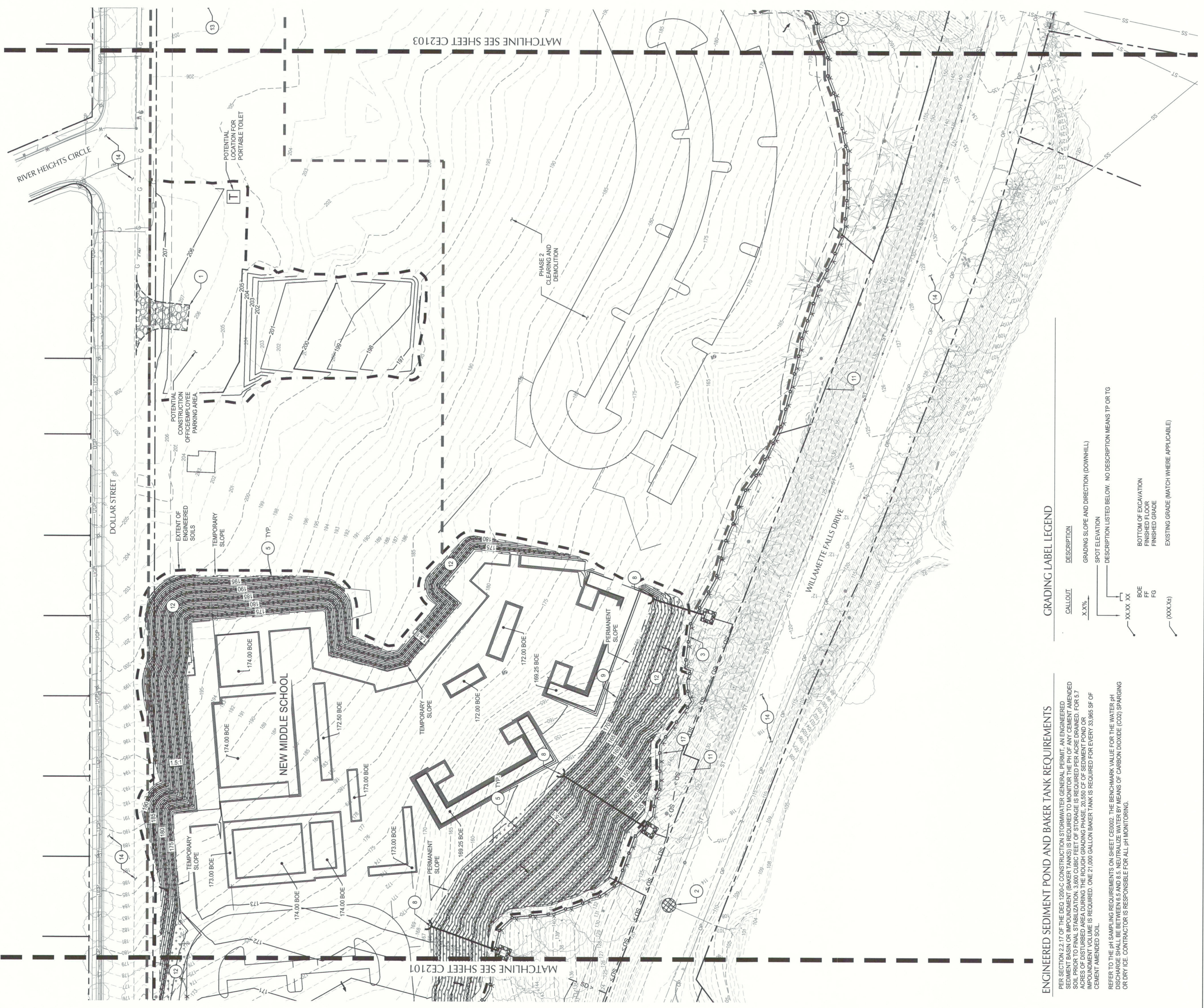
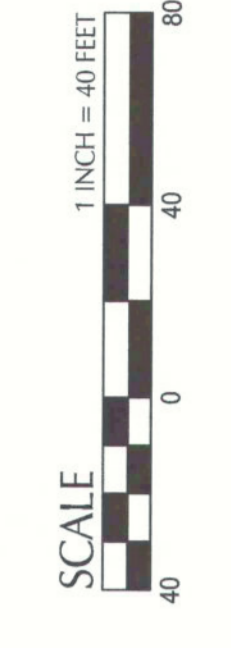
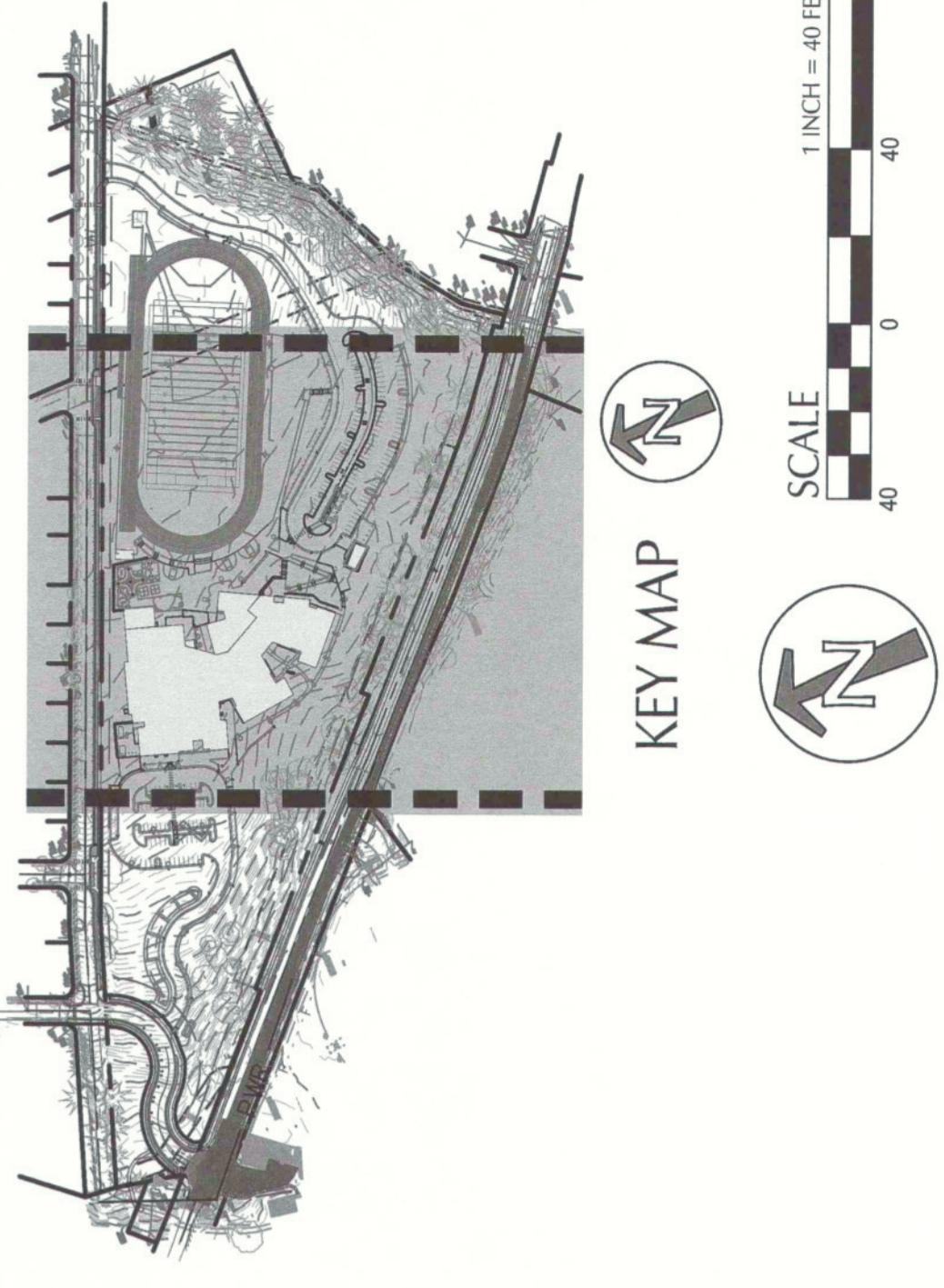
PROJECT NO:	124738
DRAWN BY:	XX
CHECKED BY:	DP, MW
APPROVED BY:	DP
SHEET TITLE ROUGH GRADING EROSION AND SEDIMENT CONTROL PLAN	
SHEET NUMBER	CE2102
ISSUE	A

KEY NOTES

- CONSTRUCT GRAVEL CONSTRUCTION ENTRANCE
- INSTALL INLET SEDIMENT PROTECTION
- INSTALL SEDIMENT FENCE
- INSTALL JUTE MATTING ON SLOPES GREATER THAN 25%
- INSTALL STRAW WATTLE ON SLOPES GREATER THAN 45%
- NOT USED
- INSTALL CONCRETE WASHOUT
- INSTALL TEMPORARY PIPE SLOPE DRAIN, ADD SANDBAGS AS NECESSARY TO DIRECT RUNOFF TO PIPE SLOPE DRAIN INLET.
- INSTALL TEMPORARY BERM AT TOP OF FILL SLOPE, DIRECT RUNOFF TO PIPE SLOPE DRAIN INLET.
- PIPE OUTFALL
- INSTALL TEMPORARY STORM PIPE TO COLLECT RUNOFF FROM CEMENT AMENDED SOILS AND PUMP TO SEDIMENT POND OR BAKER TANKS FOR PH MONITORING.
- INSTALL EROSION CONTROL BLANKET C22 BD OR APPROVED EQUAL.
- TOPSOIL STOCKPILE
- FOR FULL EROSION CONTROL ON PUBLIC STREETS, SEE OFFSITE PLAN SET.
- INSTALL (8) 2,000 GALLON BAKER TANKS, REQUIRED STORAGE IS 153,774 GALLONS. TANKS SHALL BE INSTALLED AT 20' SPACING TO COLLECT AND STORE SEDIMENT AND BAKER TANK PH SAMPLING REQUIREMENTS ON CE002 FOR ADDITIONAL INFORMATION.
- INSTALL EROSION CONTROL SEEDING.
- INSTALL ORANGE CONSTRUCTION/FREE PROTECTION FENCING.
- CONSTRUCT TEMPORARY SEDIMENT POND, MONITOR STORMWATER RUNOFF 4H PRIOR TO DISCHARGE, REFER TO SEDIMENT POND AND BAKER TANK PH SAMPLING REQUIREMENTS ON CE002 FOR ADDITIONAL INFORMATION.
- INSTALL PIPE OUTLET PROTECTION.
- EMERGENCY OVERFLOW SPILLWAY.
- INSTALL OUTLET PIPE WITH ULTIMATE DISCHARGE TO THE TUALATIN RIVER.
- PROTECT PIPE CROSSING ROAD.

SHEET LEGEND

PROPERTY LINE	---
EX. CONTOUR MINOR	- - - -
EX. CONTOUR MAJOR	- - - -
PROP. CONTOUR MINOR	— — — —
PROP. CONTOUR MAJOR	— — — —
PROP. CONTOUR MINOR - PUBLIC ROW	— — — —
PROP. CONTOUR MAJOR - PUBLIC ROW	— — — —
EXTENT OF PHASE 2 CLEARING AND DEMOLITION	---X---
ROUGH GRADING LIMITS	---X---
TEMPORARY BERM	---X---
TEMPORARY PIPED DISCHARGE	---X---
SD >	---X---
STRAW WATTLE	○ ○ ○ ○
SEDIMENT CONTROL FENCE (C22)	○ ○ ○ ○
ORANGE CONSTRUCTION/FREE PROTECTION FENCING	X X X X
INLET PROTECTION	○ ○ ○ ○
CONSTRUCTION ENTRANCE	○ ○ ○ ○
JUTE MATTING	○ ○ ○ ○
EROSION CONTROL BLANKET	○ ○ ○ ○
TEMPORARY EROSION CONTROL SEEDING	○ ○ ○ ○
SEDIMENT POND	○ ○ ○ ○
TOPSOIL STOCKPILE	○ ○ ○ ○
CONCRETE WASHOUT	○ ○ ○ ○
DRAINAGE FLOW ARROW	○ ○ ○ ○
PIPE SLOPE DRAIN	○ ○ ○ ○
BAKER TANK	○ ○ ○ ○



GRADING LABEL LEGEND

CALLOUT	DESCRIPTION
X.X%	GRADING SLOPE AND DIRECTION (DOWNHILL)
SPOT ELEVATION	DESCRIPTION LISTED BELOW. NO DESCRIPTION MEANS TP OR TG
BOE	BOTTOM OF EXCAVATION
FF	FINISHED FLOOR
FG	FINISHED GRADE
(XXX.X)	EXISTING GRADE (MATCH WHERE APPLICABLE)

ENGINEERED SEDIMENT POND AND BAKER TANK REQUIREMENTS

PER SECTION 2.2.17 OF THE DEQ 100-C CONSTRUCTION STORMWATER GENERAL PERMIT, AN ENGINEERED SOIL BARRIERS TO FINAL STABILIZATION, 1,600 CUBIC FEET OF STORAGE IS REQUIRED PER ACRE OF DISTURBED AREA DURING THE ROUGH GRADING PHASE, 20,550 CF OF SEDIMENT POND OR IMPOUNDMENT VOLUME IS REQUIRED. ONE 2,000 GALLON BAKER TANK IS REQUIRED FOR EVERY 33,965 SF OF CEMENT AMENDED SOIL.
 REFER TO THE PH SAMPLING REQUIREMENTS ON SHEET CE002. THE BENCHMARK VALUE FOR THE WATER PH DISCHARGE SHALL BE BETWEEN 6.5 AND 8.5. NEUTRALIZE WATER BY MEANS OF CARBON DIOXIDE (CO2) SPARGING OR BY THE CONTRACTOR IS RESPONSIBLE FOR ALL PH MONITORING.

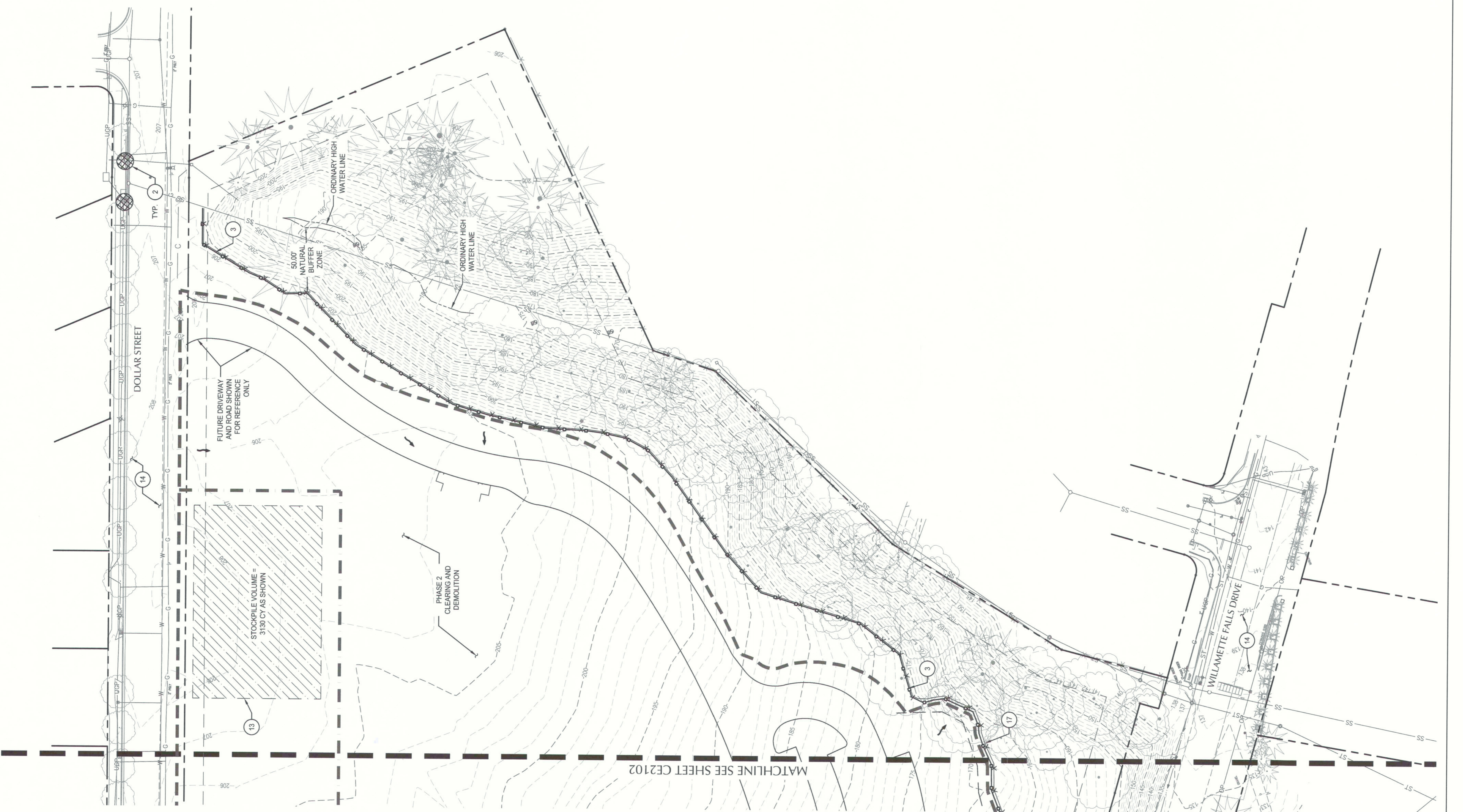
ENGINEERED SEDIMENT POND AND BAKER TANK REQUIREMENTS

PER SECTION 22.17 OF THE DEQ 2004 CONSTRUCTION STORMWATER GENERAL PERMIT, AN ENGINEERED SEDIMENT BASIN OR IMPOUNDMENT (BAKER TANK) IS REQUIRED TO MONITOR THE PH OF ANY CEMENT AMENDED SOIL PRIOR TO FINAL STABILIZATION. 3,000 CUBIC FEET OF STORAGE IS REQUIRED PER ACRE DRAINED. FOR 5.7 IMPOUNDMENT VOLUME IS REQUIRED. ONE 27,000 GALLON BAKER TANK IS REQUIRED FOR EVERY 33,969 SF OF CEMENT AMENDED SOIL.

REFER TO THE H-8 SAMPLING REQUIREMENTS ON SHEET 650400. THE DESIGNARY VALUE FOR THE WATER PH DISCHARGE SHALL BE BETWEEN 6.5 AND 6.5. NEUTRALIZE WATER BY MEANS OF CARBON DIOXIDE (CO2) SPARGING OR DRY ICE. CONTRACTOR IS RESPONSIBLE FOR ALL PH MONITORING.

GRADING LABEL LEGEND

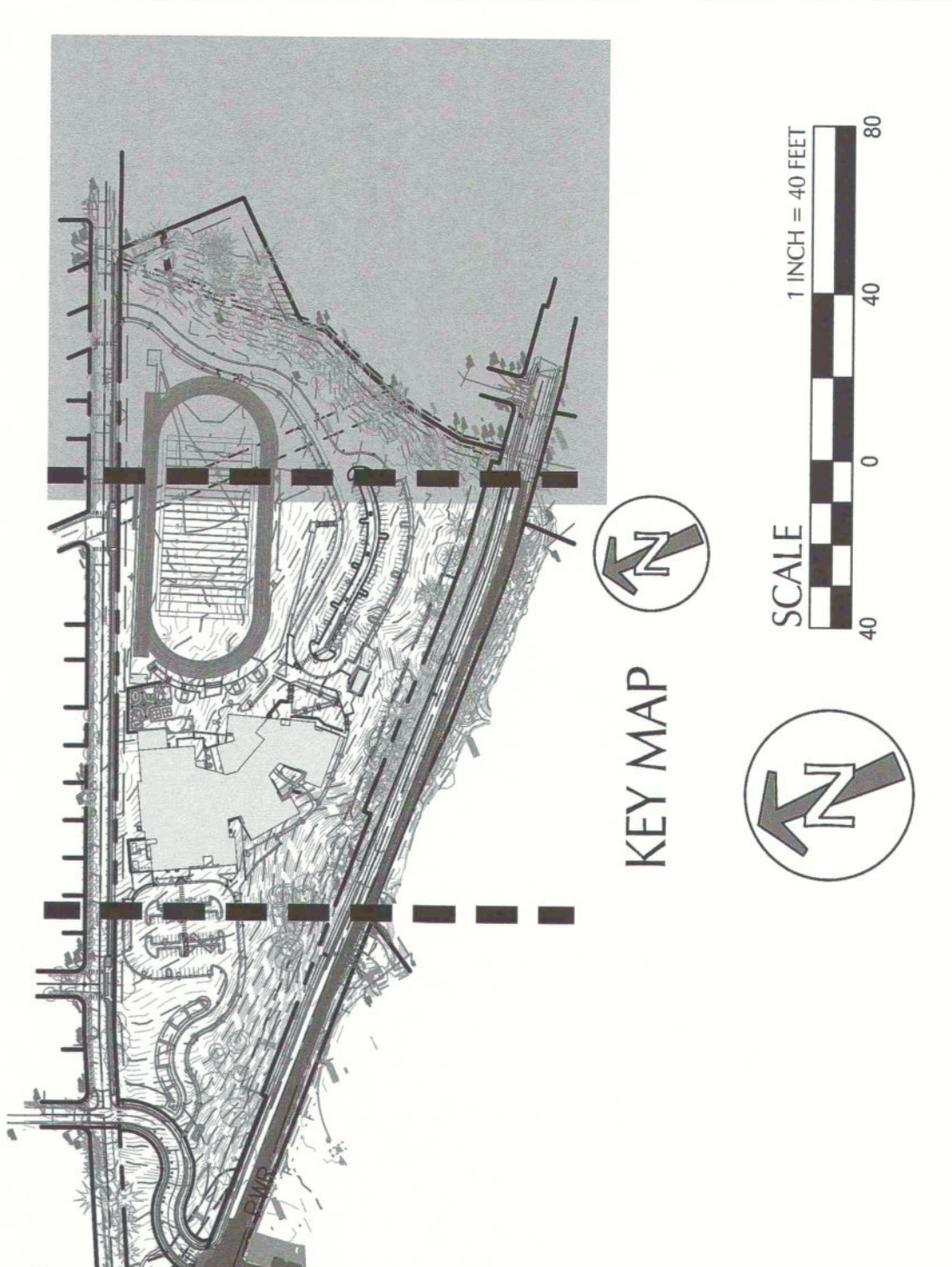
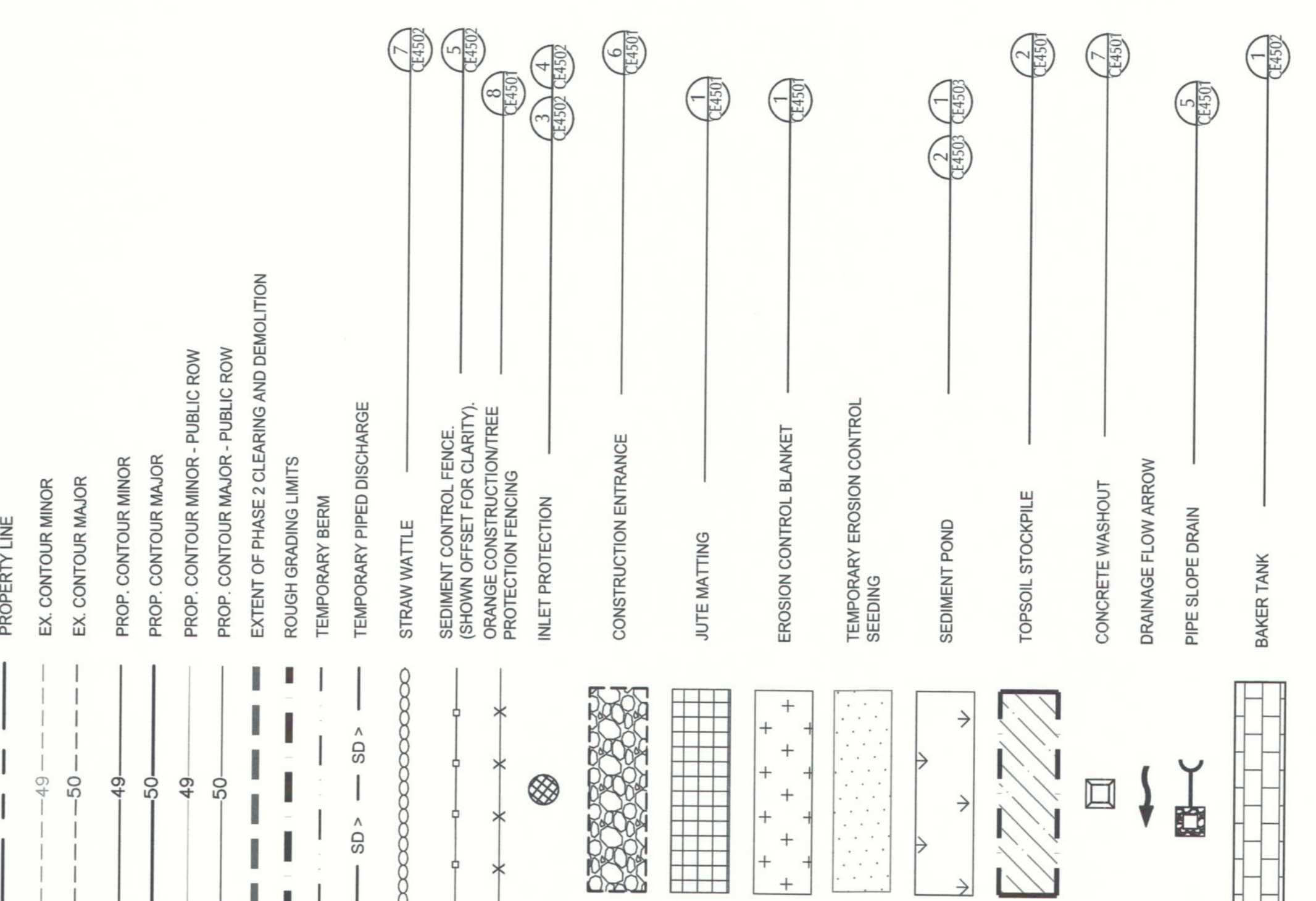
CALLOUT	DESCRIPTION
X.X%	GRADING SLOPE AND DIRECTION (DOWNHILL)
SPOT ELEVATION	DESCRIPTION LISTED BELOW. NO DESCRIPTION MEANS TP OR TG
XXXX XX	BOE
FF	FINISHED FLOOR
FG	EXISTING GRADE (MATCH WHERE APPLICABLE)
(XXXX.X)	



KEY NOTES

- CONSTRUCT GRAVEL CONSTRUCTION ENTRANCE
- INSTALL INLET SEDIMENT PROTECTION
- INSTALL JUTE MATTING ON SLOPES GREATER THAN 25%
- INSTALL STRAW WATTLE ON SLOPES GREATER THAN 33%
- NOT USED
- INSTALL CONCRETE WASHOUT
- INSTALL TEMPORARY PIPE SLOPE DRAIN. ADD SANDBAGS AS NECESSARY TO DIRECT RUNOFF TO PIPE SLOPE DRAIN INLET.
- INSTALL TEMPORARY BERM AT TOP OF FILL SLOPE. DIRECT RUNOFF TO PIPE SLOPE DRAIN INLET.
- PIPE OUTFALL
- INSTALL TEMPORARY STORM PIPE TO COLLECT RUNOFF FROM CEMENT AMENDED SOILS AND PUMP TO SEDIMENT POND OR BAKER TANKS FOR PH MONITORING.
- INSTALL EROSION CONTROL BLANKET C23 80 OR APPROVED EQUAL.
- TOPSOIL STOCKPILE
- FOR FULL EROSION CONTROL ON PUBLIC STREETS, SEE OFFSITE PLAN SET
- INSTALL (6) 24" DIA. 60" GALV. BAKER TANKS. REQUIRED STORAGE IS 153,714 GALLONS. MONITOR STORMWATER RUNOFF FROM PHASE 2 CLEARING AND DEMOLITION. POND AND BAKER TANK PH SAMPLING REQUIREMENTS ON CE2002 FOR ADDITIONAL INFORMATION.
- INSTALL EROSION CONTROL SEEDING.
- INSTALL ORANGE CONSTRUCTION/TREE PROTECTION FENCING.
- CONSTRUCT TEMPORARY SEDIMENT POND. MONITOR STORMWATER RUNOFF PH PRIOR TO DISCHARGE. REFER TO SEDIMENT POND AND BAKER TANK PH SAMPLING REQUIREMENTS ON CE2002 FOR ADDITIONAL INFORMATION.
- INSTALL PIPE OUTLET PROTECTION.
- EMERGENCY OVERFLOW SPILLWAY.
- INSTALL OUTLET PIPE WITH ULTIMATE DISCHARGE TO THE TUALATIN RIVER.
- PROTECT PIPE CROSSING ROAD.

SHEET LEGEND



<p>CLIENT West Linn-Wilsonville School District</p> <p>22210 SW Stafford Rd, Tualatin, OR 97082</p> <p>COPYRIGHT The information contained herein is the property of the Engineer. It is to be used only for the project and site for which it was prepared. It is not to be used for any other project or site without the written consent of the Engineer. The Engineer shall not be responsible for any errors or omissions in this drawing or for any consequences arising therefrom. The Engineer shall not be responsible for any delays or interruptions in the performance of its services. The Engineer shall not be responsible for any damages or losses of any kind, including but not limited to, direct, indirect, special, consequential, or punitive damages, or any damages whatsoever, arising out of or in connection with the performance of its services. The Engineer shall not be responsible for any claims, damages, or losses of any kind, including but not limited to, direct, indirect, special, consequential, or punitive damages, or any damages whatsoever, arising out of or in connection with the performance of its services. The Engineer shall not be responsible for any claims, damages, or losses of any kind, including but not limited to, direct, indirect, special, consequential, or punitive damages, or any damages whatsoever, arising out of or in connection with the performance of its services.</p> <p>PLEASE CHOOSE LEGAL ENTITY I am a member of the following profession:</p>	<p>ISSUES</p> <table border="1"> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> <tr> <td>1</td> <td>PERMIT DRAWINGS</td> <td>2021.10.16</td> </tr> </table>	NO.	DESCRIPTION	DATE	1	PERMIT DRAWINGS	2021.10.16	<p>CONSULTANTS</p> <p>kpff</p> <p>111 SW 9th Ave., Suite 200 Portland, OR 97204 P: 503.274.4681 www.kpff.com</p>	<p>SEAL</p>	<p>IBI GROUP 1000 NE Oregon Street Portland, OR 97232, USA Tel: 503.226.8500 Fax: 503.273.9192 www.ibigroup.com</p> <p>PROJECT New Afhey Creek Middle School</p> <p>945 Dollar Street West Linn, OR 97068</p> <p>PROJECT NO: 124738</p> <p>DRAWN BY: XX</p> <p>CHECKED BY: DP, MW</p> <p>PROJECT MGR: DP</p> <p>APPROVED BY: DP</p> <p>SHEET TITLE ROUGH GRADING EROSION AND SEDIMENT CONTROL PLAN</p> <p>SHEET NUMBER CE2103</p> <p>ISSUE A</p>
NO.	DESCRIPTION	DATE								
1	PERMIT DRAWINGS	2021.10.16								

ISSUES	DESCRIPTION	DATE
NO.	A	2/21/2018

PERMIT DRAWINGS	DATE
NO.	22210 SW STAFFORD RD

KEY PLAN

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SEAL


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 info@ibigroup.com

PROJECT
New Althey Creek Middle School
 945 Dollar Street
 West Linn, OR 97068

PROJECT NO:
 124738

DRAWN BY:
 XX

PROJECT MGR:
 DP

CHECKED BY:
 DP, MW

APPROVED BY:
 DP

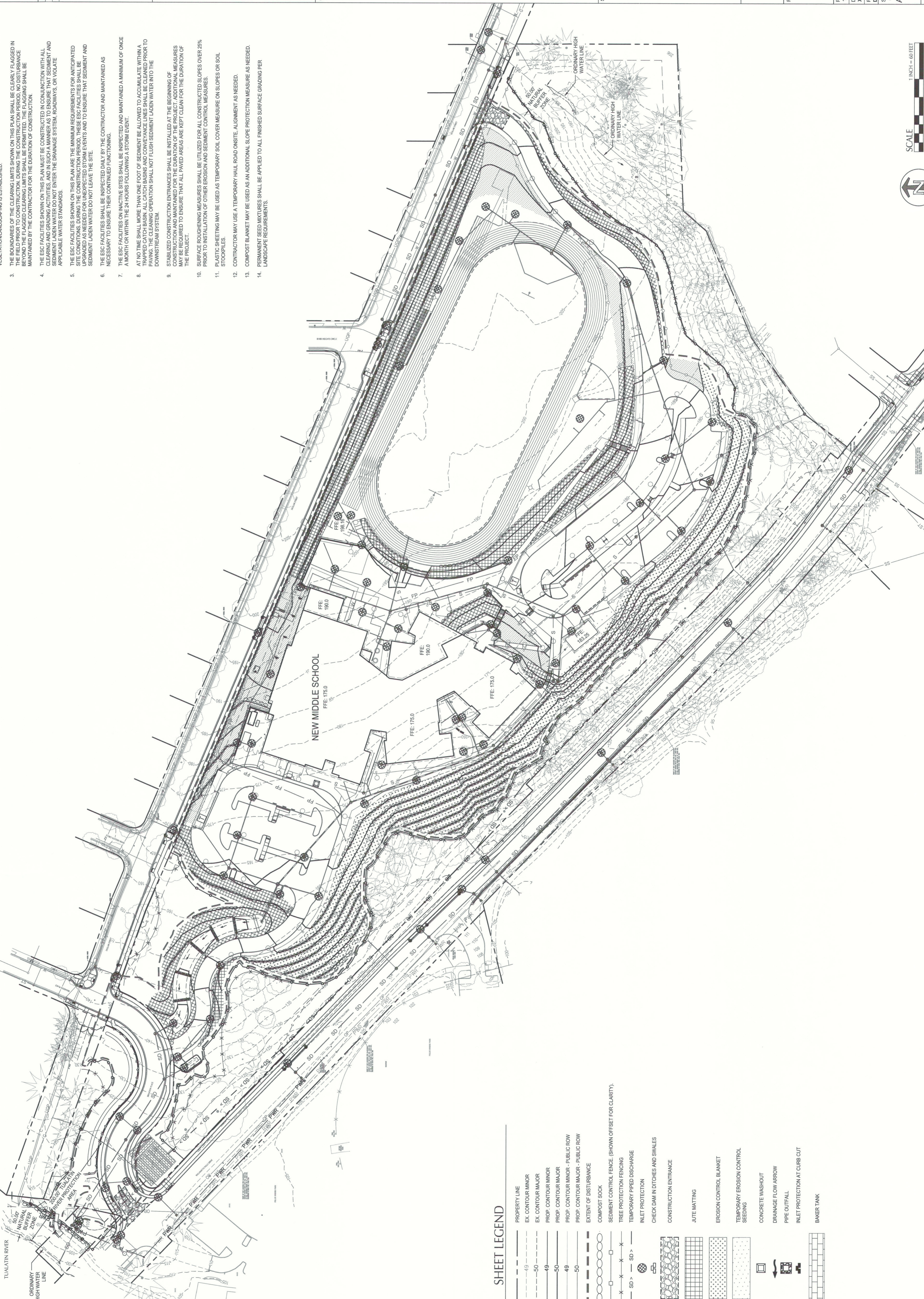
SHEET TITLE
**OVERALL UTILITIES, STREETS,
 AND VERTICAL CONSTRUCTION
 EROSION AND SEDIMENT
 CONTROL PLAN**

SHEET NUMBER
CE3100

ISSUE
A

SHEET NOTES

- APPROVAL OF THIS EROSION/SEDIMENT 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.).
- 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.
- 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 SHALL BE ALLOWED TO OCCUR OUTSIDE OF THESE CLEARING LIMITS. ALL DISTURBANCE SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
- THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL OTHER CONSTRUCTION ACTIVITIES. ALL ESC FACILITIES SHALL BE CONSTRUCTED AND MAINTAINED TO PREVENT SEDIMENT LAZEN WATER FROM ENTERING THE DRAINAGE SYSTEM, ROADWAYS, OR VOLATILE APPLICABLE WATER STANDARDS.
- 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 LAZEN WATER DO NOT LEAVE THE SITE.
- THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
- 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.
- 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 LAZEN WATER INTO THE DOWNSCREEN SYSTEM.
- 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.
- SURFACE ROUGHENING MEASURES SHALL BE UTILIZED FOR ALL CONSTRUCTED SLOPES OVER 25% PRIOR TO INSTALLATION OF OTHER EROSION AND SEDIMENT CONTROL MEASURES.
- PLASTIC SHEETING MAY BE USED AS TEMPORARY SOIL COVER MEASURE ON SLOPES OR SOIL STOCKPILES.
- CONTRACTOR MAY USE A TEMPORARY HAUL ROAD ON-SITE, ALIGNMENT AS NEEDED.
- COMPOST BLANKET MAY BE USED AS AN ADDITIONAL SLOPE PROTECTION MEASURE AS NEEDED.
- PERMANENT SEED MIXTURES SHALL BE APPLIED TO ALL FINISHED SURFACE GRADING PER LANDSCAPE REQUIREMENTS.



SHEET LEGEND

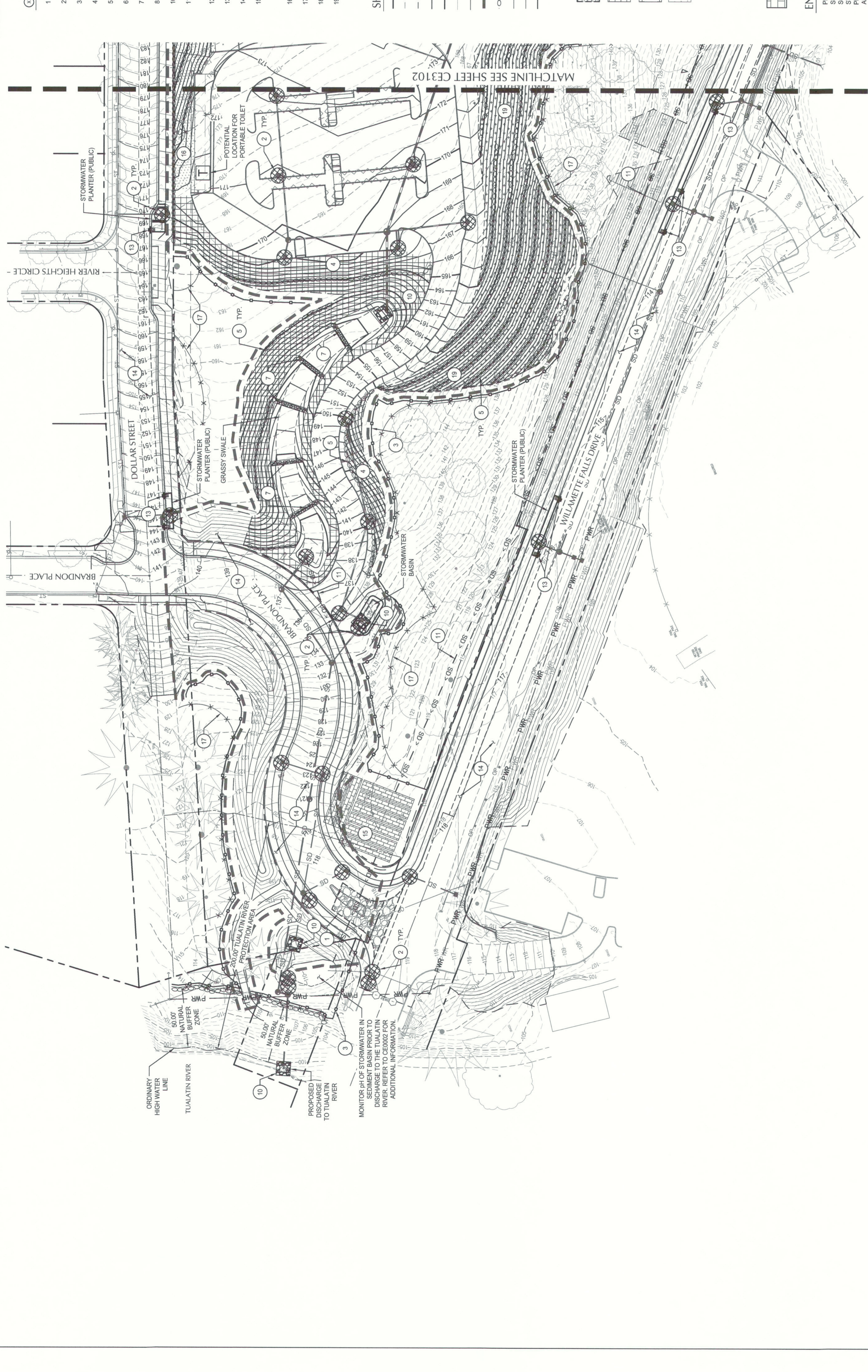
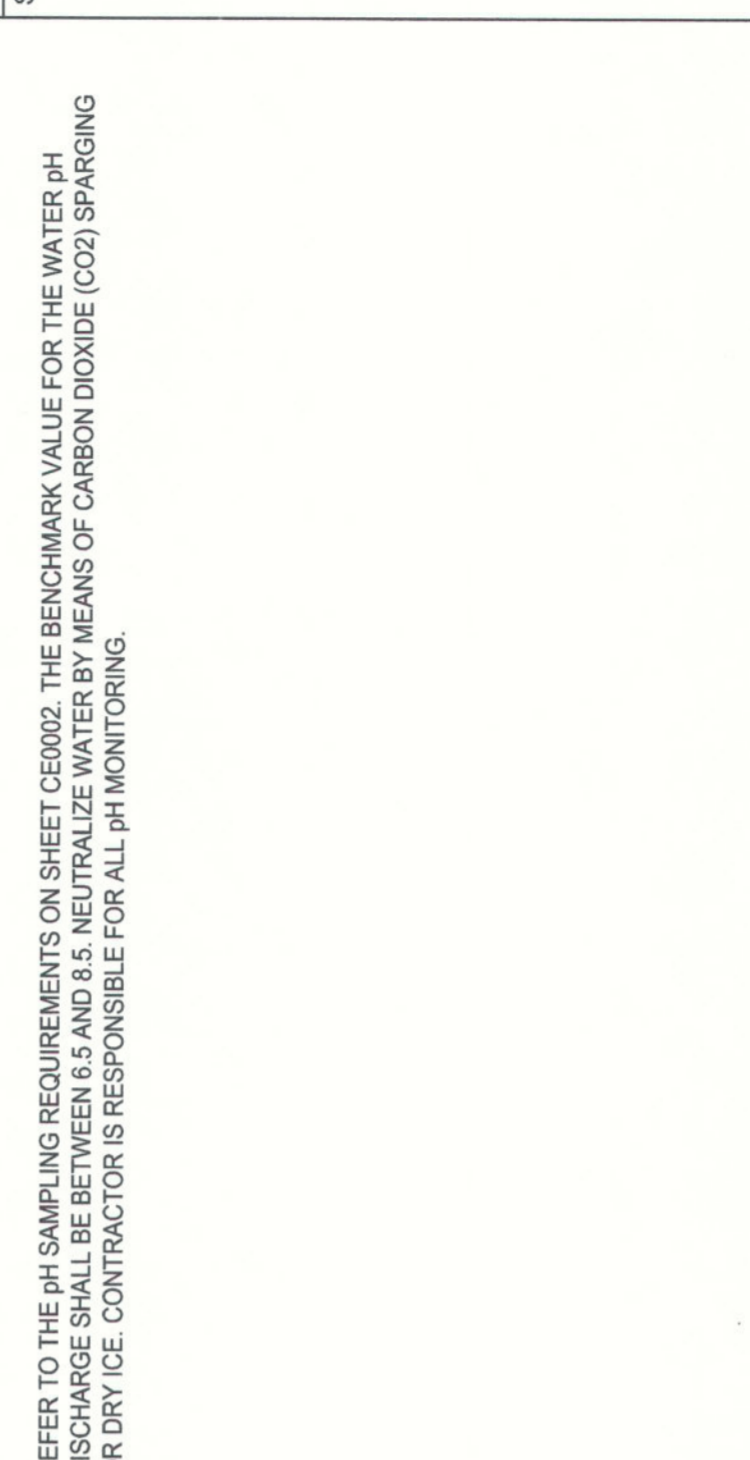
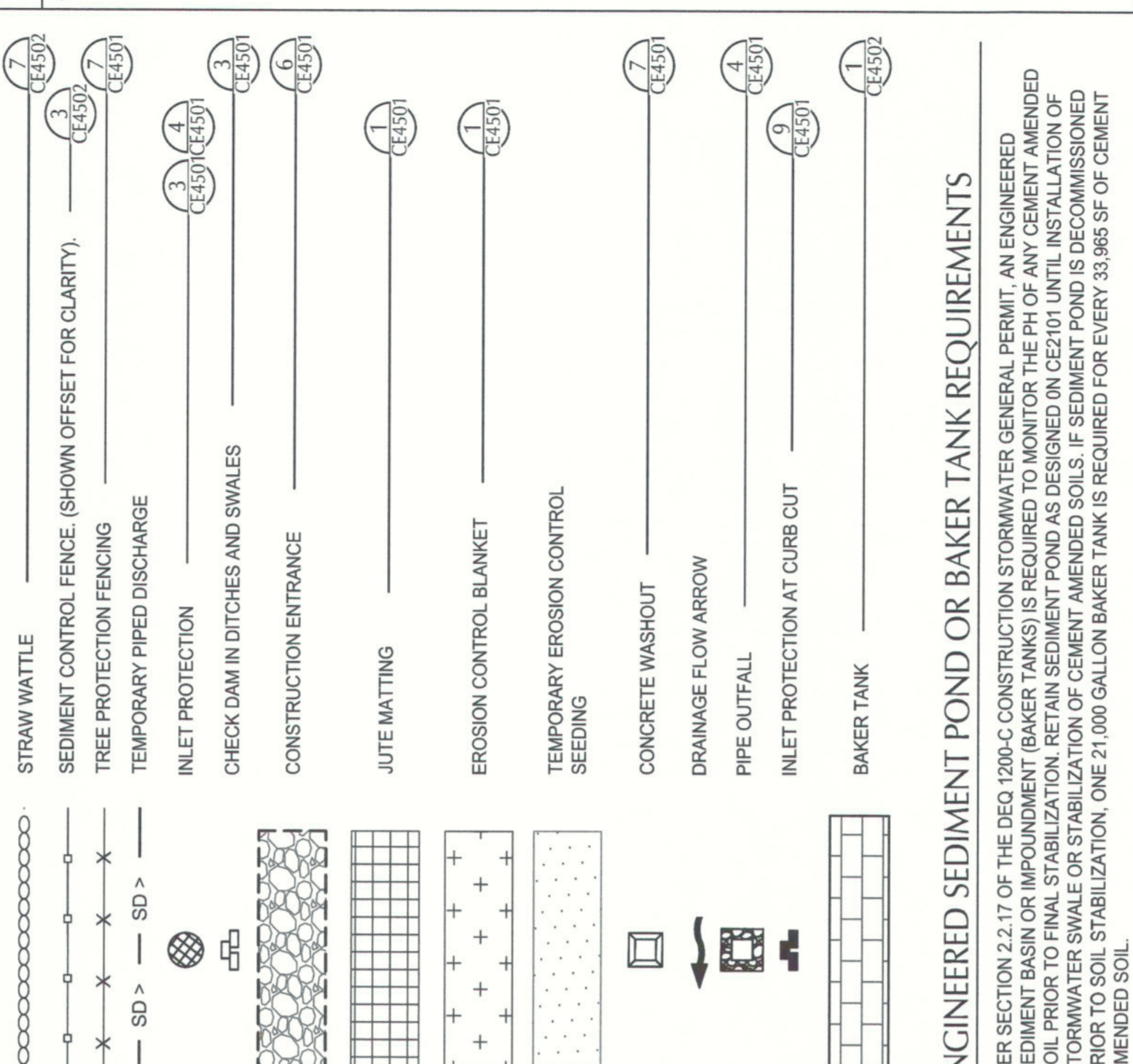
PROPERTY LINE	---
EX. CONTOUR MINOR	- - - -
EX. CONTOUR MAJOR	- - - -
PROP. CONTOUR MINOR	- - - -
PROP. CONTOUR MAJOR	- - - -
PROP. CONTOUR MINOR - PUBLIC ROW	- - - -
PROP. CONTOUR MAJOR - PUBLIC ROW	- - - -
EXTENT OF DISTURBANCE	-----
COMPOST SOCK	○ ○ ○ ○ ○
SEDIMENT CONTROL FENCE (SHOWN OFFSET FOR CLARITY)	— x — x — x —
TREE PROTECTION FENCING	— x — x — x —
TEMPORARY PIPED DISCHARGE	— SD — SD — SD —
INLET PROTECTION	⊗
CHECK DAM IN DITCHES AND SWALES	⊕
CONSTRUCTION ENTRANCE	⊞
JUTE MATTING	▨
EROSION CONTROL BLANKET	▨
TEMPORARY EROSION CONTROL SEEDING	▨
CONCRETE WASHOUT	▨
DRAINAGE FLOW ARROW	→
PIPE OUTFALL	⊞
INLET PROTECTION AT CURB CUT	⊞
BAKER TANK	⊞



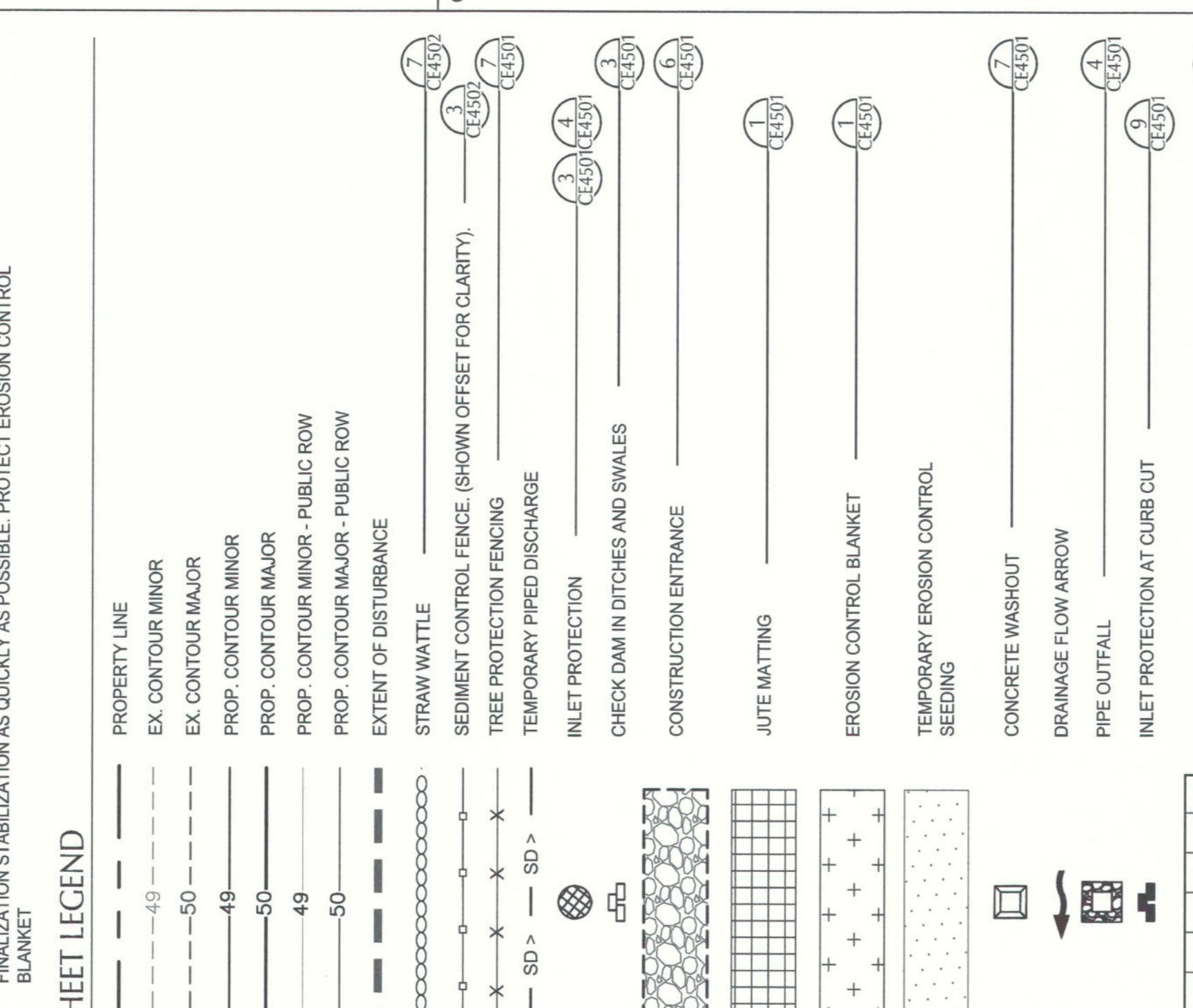
- KEY NOTES**
- 1 CONSTRUCT GRAVEL CONSTRUCTION ENTRANCE
 - 2 INSTALL INLET SEDIMENT PROTECTION
 - 3 INSTALL SEDIMENT FENCE
 - 4 INSTALL JUTE MATTING ON SLOPES GREATER THAN 25%
 - 5 INSTALL STRAW WATTLES ON SLOPES GREATER THAN 35%
 - 6 NOT USED
 - 7 INSTALL CHECK DAM
 - 8 INSTALL CONCRETE WASHOUT
 - 9 PIPE OUTFALL
 - 10 INSTALL TEMPORARY STORM PIPE TO COLLECT RUNOFF FROM CEMENT AMENDED SOILS AND PUMP TO SEDIMENT BASIN
 - 11 NOT USED
 - 12 NOT USED
 - 13 INSTALL INLET PROTECTION AT CURB CUT
 - 14 FOR FULL EROSION CONTROL ON PUBLIC STREETS, SEE OFFSITE PLAN SET.
 - 15 INSTALL BAKER TANKS AS NECESSARY TO MONITOR PH FROM CEMENT AMENDED SOILS. MONITOR STORMWATER RUNOFF PH PRIOR TO DISCHARGE. REFER TO CE3101 AND BAKER TANK PH SAMPLING REQUIREMENTS ON CE6002 FOR ADDITIONAL INFORMATION.
 - 16 INSTALL EROSION CONTROL SEEDING.
 - 17 INSTALL ORANGE CONSTRUCTION TREE PROTECTION FENCING.
 - 18 INSTALL EROSION CONTROL BLANKET C22 B2 OR APPROVED EQUAL.
 - 19 FILL SLOPE PREVIOUSLY GRADED AND EROSION CONTROL BLANKET AND STRAW WATTLES INSTALLED IN ROUGH GRADING PHASE. INSTALL PERMANENT LANDSCAPING AND SOIL STABILIZATION AS SOON AS POSSIBLE. PROTECT EROSION CONTROL BLANKET.

- SHEET LEGEND**
- PROPERTY LINE
 - EX. CONTOUR MINOR
 - EX. CONTOUR MAJOR
 - PROP. CONTOUR MINOR
 - PROP. CONTOUR MAJOR
 - PROP. CONTOUR MINOR - PUBLIC ROW
 - PROP. CONTOUR MAJOR - PUBLIC ROW
 - EXTENT OF DISTURBANCE
 - STRAW WATTLE
 - SEDIMENT CONTROL FENCE (SHOWN OFFSET FOR CLARITY)
 - TREE PROTECTION FENCING
 - TEMPORARY PIPED DISCHARGE
 - INLET PROTECTION
 - CHECK DAM IN DITCHES AND SWALES
 - CONSTRUCTION ENTRANCE
 - JUTE MATTING
 - EROSION CONTROL BLANKET
 - TEMPORARY EROSION CONTROL SEEDING
 - CONCRETE WASHOUT
 - DRAINAGE FLOW ARROW
 - PIPE OUTFALL
 - INLET PROTECTION AT CURB CUT
 - BAKER TANK

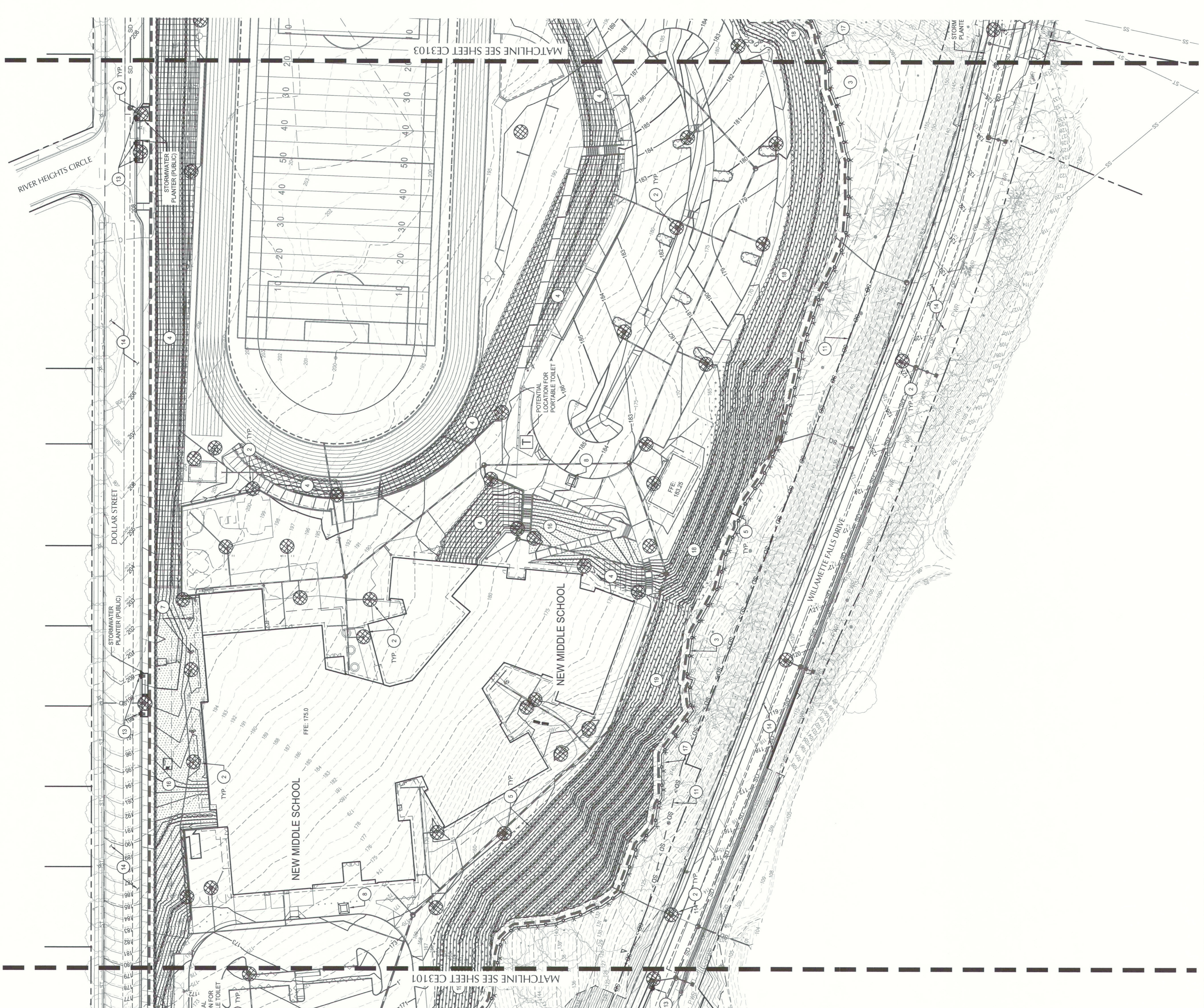
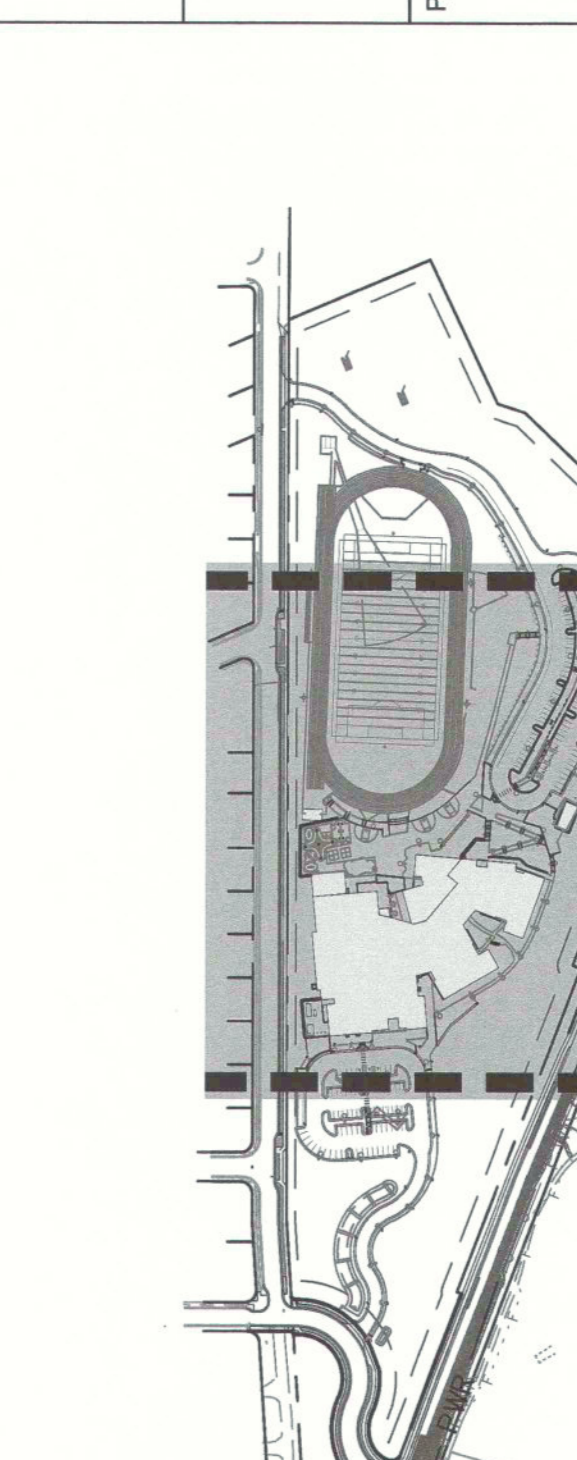
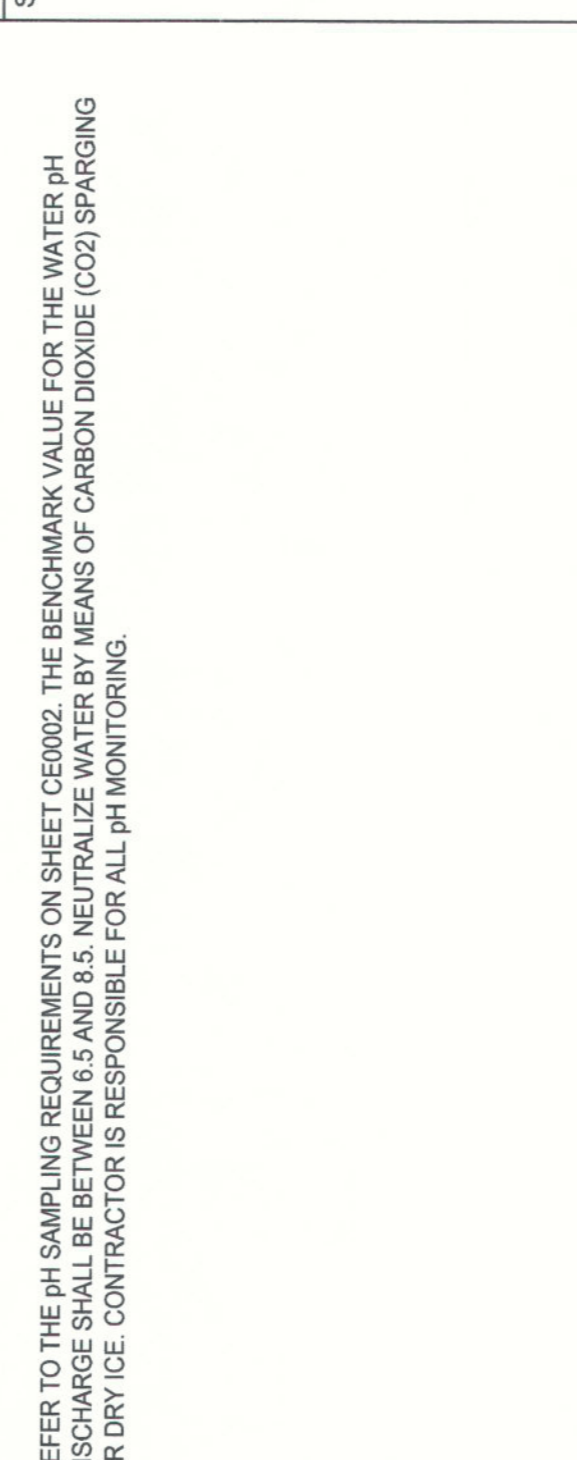
ENGINEERED SEDIMENT POND OR BAKER TANK REQUIREMENTS
 PER SECTION 2.2.17 OF THE DEQ 2006-C CONSTRUCTION STORMWATER GENERAL PERMIT, AN ENGINEERED SEDIMENT BASIN OR IMPOUNDMENT (BAKER TANKS) IS REQUIRED TO MONITOR THE PH OF ANY CEMENT AMENDED SOIL PRIOR TO FINAL STABILIZATION. RETAIN SEDIMENT POND AS DESIGNED ON CE2101 UNTIL INSTALLATION OF PERMANENT STABILIZATION. BAKER TANKS SHALL BE INSTALLED AND OPERATIONAL PRIOR TO SOIL STABILIZATION. ONE 71,000 GALLON BAKER TANK IS REQUIRED FOR EVERY 33,965 SF OF CEMENT AMENDED SOIL.
 REFER TO THE PH SAMPLING REQUIREMENTS ON SHEET CE6002. THE BENCHMARK VALUE FOR THE WATERS PH DISCHARGE SHALL BE BETWEEN 6.5 AND 8.5. NEUTRALIZE WATER BY MEANS OF CARBON DIOXIDE (CO2) SPARGING OR DRY ICE. CONTRACTOR IS RESPONSIBLE FOR ALL PH MONITORING.

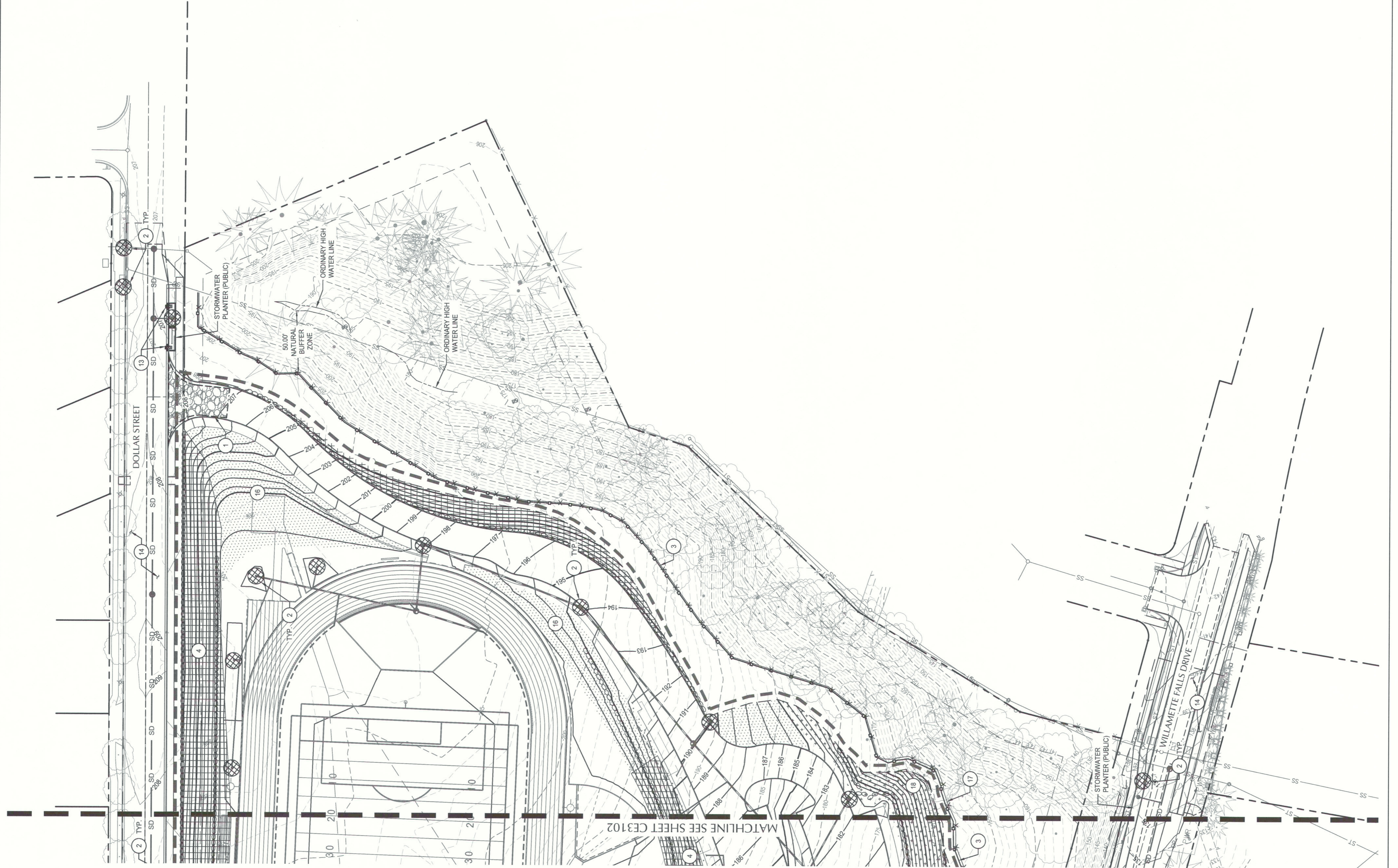


- KEY NOTES**
1. CONSTRUCT GRAVEL CONSTRUCTION ENTRANCE.
 2. INSTALL INLET SEDIMENT PROTECTION.
 3. INSTALL SEDIMENT FENCE.
 4. INSTALL JUTE MATTING ON SLOPES GREATER THAN 25%.
 5. INSTALL STRAW WATTLES ON SLOPES GREATER THAN 15%.
 6. NOT USED.
 7. INSTALL CHECK DAM.
 8. INSTALL CONCRETE WASHOUT.
 9. PIPE OUTFALL.
 10. INSTALL TEMPORARY STORM PIPE TO COLLECT RUNOFF FROM CEMENT AMENDED SOILS AND PUMP TO SEDIMENT BASIN.
 12. NOT USED.
 13. INSTALL INLET PROTECTION AT CURB CUT.
 14. FOR FULL EROSION CONTROL ON PUBLIC STREETS, SEE OFFSITE PLAN SET.
 15. INSTALL BAKER TANKS AS NECESSARY TO MONITOR PH FROM CEMENT AMENDED SOILS. MONITOR STORMWATER SAMPLING PRIOR TO INSURANCE DEFENSE COSTS AND PHAD BAKER TANK PH SAMPLING REQUIREMENTS ON CE0002 FOR ADDITIONAL INFORMATION.
 16. INSTALL EROSION CONTROL SEEDING.
 17. INSTALL ORANGE CONSTRUCTION/FREE PROTECTION FENCING.
 18. INSTALL EROSION CONTROL BLANKET C22 OR APPROVED EQUAL.
 19. FILL SLOPE PREVIOUSLY GRADED AND EROSION CONTROL BLANKET AND STRAW WATTLES INSTALLED IN ROUGH GRADING PHASE. INSTALL PERMANENT LANDSCAPING AND VEGETATION STABILIZATION AS QUICKLY AS POSSIBLE. PROTECT EROSION CONTROL BLANKET.

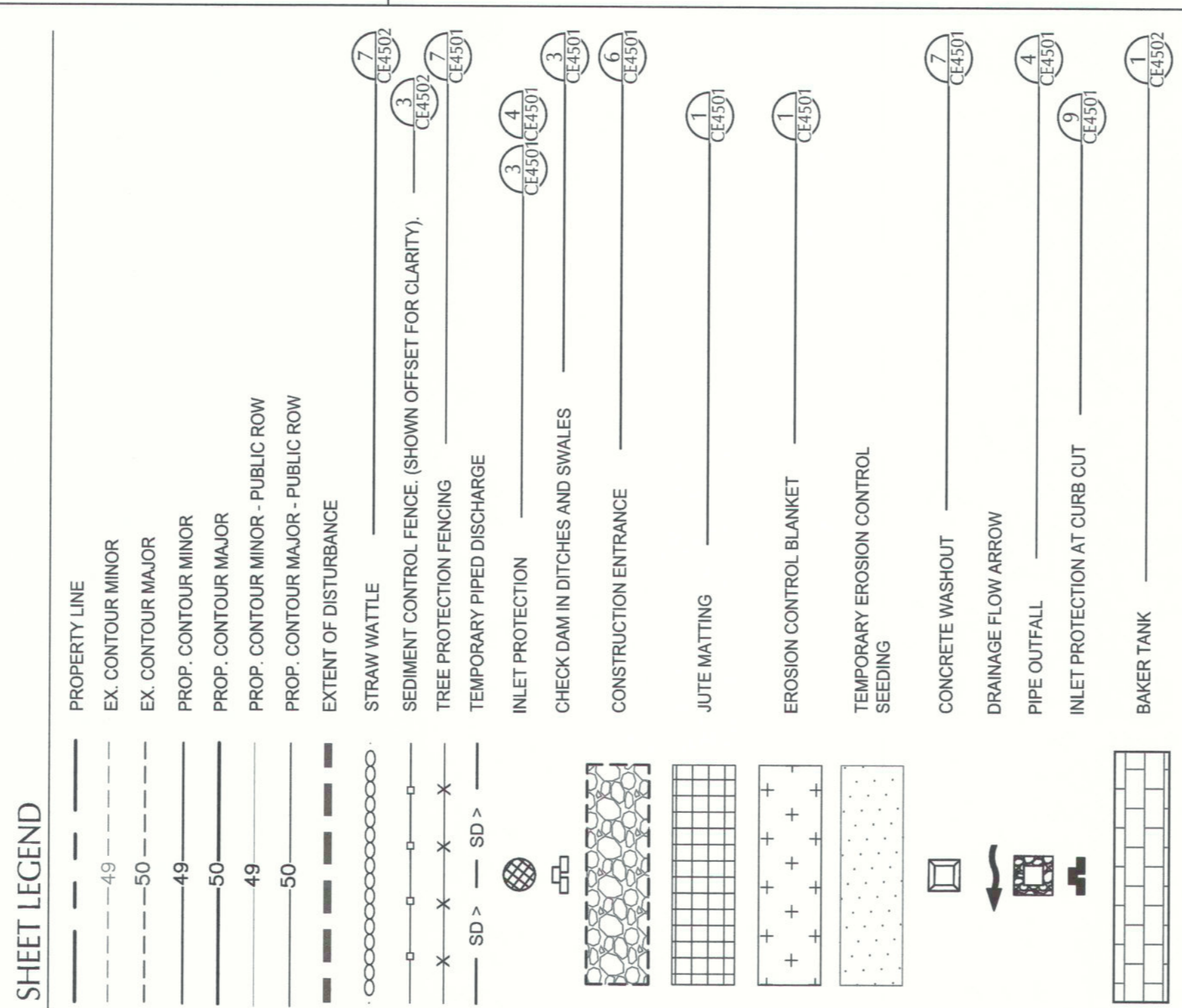


ENGINEERED SEDIMENT POND OR BAKER TANK REQUIREMENTS
 PER SECTION 22.17 OF THE DEQ 2006 CONSTRUCTION STORMWATER GENERAL PERMIT, AN ENGINEERED SEDIMENT BASIN OR IMPOUNDMENT (BAKER TANK) IS REQUIRED TO MONITOR THE PH OF ANY CEMENT AMENDED SOIL PRIOR TO FINAL STABILIZATION. RETAIN SEDIMENT POND AS DESIGNED IN CE2101 UNTIL INSTALLATION OF PERMANENT STABILIZATION. BAKER TANKS SHALL BE INSTALLED PRIOR TO SOI STABILIZATION. ONE 71,000 GALLON BAKER TANK IS REQUIRED FOR EVERY 35,965 SF OF CEMENT AMENDED SOIL.
 REFER TO THE PH SAMPLING REQUIREMENTS ON SHEET CE0002. THE BENCHMARK VALUE FOR THE WATER PH DISCHARGE SHALL BE BETWEEN 6.5 AND 8.5. NEUTRALIZE WATER BY MEANS OF CARBON DIOXIDE (CO2) SPARGING OR DRY ICE. CONTRACTOR IS RESPONSIBLE FOR ALL PH MONITORING.





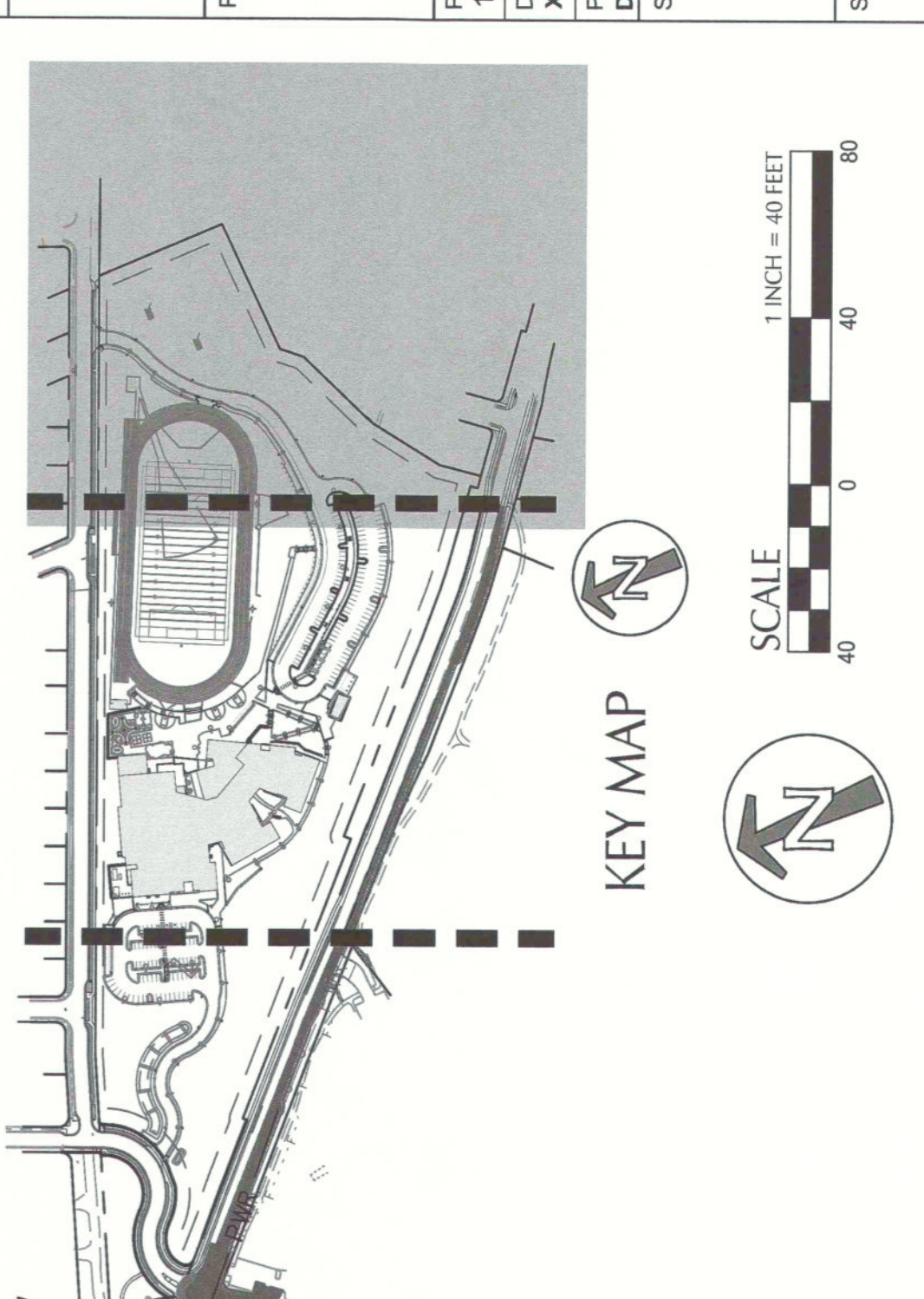
- KEY NOTES**
- CONSTRUCT GRAVEL CONSTRUCTION ENTRANCE
 - INSTALL INLET SEDIMENT PROTECTION
 - INSTALL SEDIMENT FENCE
 - INSTALL JUTE MATTING ON SLOPES GREATER THAN 25%
 - INSTALL STRAW WATTLES ON SLOPES GREATER THAN 35%
 - NOT USED
 - INSTALL CHECK DAM
 - INSTALL CONCRETE WASHOUT
 - PIPE OUTFALL
 - INSTALL TEMPORARY STORM PIPE TO COLLECT RUNOFF FROM CEMENT AMENDED SOILS AND PUMP TO SEDIMENT BASIN
 - NOT USED
 - INSTALL INLET PROTECTION AT CURB CUT
 - FOR FULL EROSION CONTROL ON PUBLIC STREETS, SEE OFFSITE PLAN SET.
 - INSTALL BAKER TANKS AS NECESSARY TO MONITOR FOR FREQUENTLY AMENDED SOILS. MONITOR STORMWATER RUNOFF PRIOR TO DISCHARGE. REFER TO SEDIMENT POND AND BAKER TANK PH SAMPLING REQUIREMENTS ON CE0002 FOR ADDITIONAL INFORMATION.
 - INSTALL EROSION CONTROL SEEDING.
 - INSTALL ORANGE CONSTRUCTION TREE PROTECTION FENCING.
 - INSTALL EROSION CONTROL BLANKET C22 OR APPROVED EQUAL
 - FILL SLOPE PREVIOUSLY GRADED AND EROSION CONTROL BLANKET AND STRAW WATTLES INSTALLED IN ROUGH GRADING PHASE. INSTALL PERMANENT LANDSCAPING AND PLANTING FOR STABILIZATION AS QUICKLY AS POSSIBLE. PROTECT EROSION CONTROL BLANKET.



ENGINEERED SEDIMENT POND OR BAKER TANK REQUIREMENTS

PER SECTION 2.2.17 OF THE DEQ 1000-C CONSTRUCTION STORMWATER GENERAL PERMIT, AN ENGINEERED SEDIMENT BASIN OR IMPOUNDMENT (BAKER TANK) IS REQUIRED TO MONITOR THE PH OF ANY CEMENT AMENDED STORAGE POND TO FINAL STABILIZATION. RETAIN SEDIMENT POND AS DESIGNED ON CE2101 UNTIL INSTALLATION OF STORAGE POND IS COMPLETE. THE BAKER TANK SHALL BE CONSTRUCTED AND OPERATED IN ACCORDANCE WITH THE PH SAMPLING REQUIREMENTS ON CE0002. ONE 21,000 GALLON BAKER TANK IS REQUIRED FOR EVERY 33,895 SF OF CEMENT AMENDED SOIL.

REFER TO THE PH SAMPLING REQUIREMENTS ON SHEET CE0002. THE BENCHMARK VALUE FOR THE WATER pH DISCHARGE SHALL BE BETWEEN 6.5 AND 8.5. NEUTRALIZE WATER BY MEANS OF CARBON DIOXIDE (CO2) SPARGING OR DRY ICE. CONTRACTOR IS RESPONSIBLE FOR ALL PH MONITORING.



CLIENT: **West Linn-Wilsonville School District**
 22210 SW Stafford Rd, Tualatin, OR 97082

ISSUES: NO. A. PERMIT DRAWINGS. DATE: 202.107.16

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 www.kprff.com

SEAL: **RESISTANCE PROFESSIONAL**
 13177
 MARK B. WILSON
 ENGINEER
 EXPIRES 6/30/2020

PROJECT: **New Althey Creek Middle School**
 945 Dollar Street
 West Linn, OR 97068

PROJECT NO.: 124738
 DRAWN BY: DP, MW
 PROJECT MGR.: DP
 APPROVED BY: DP

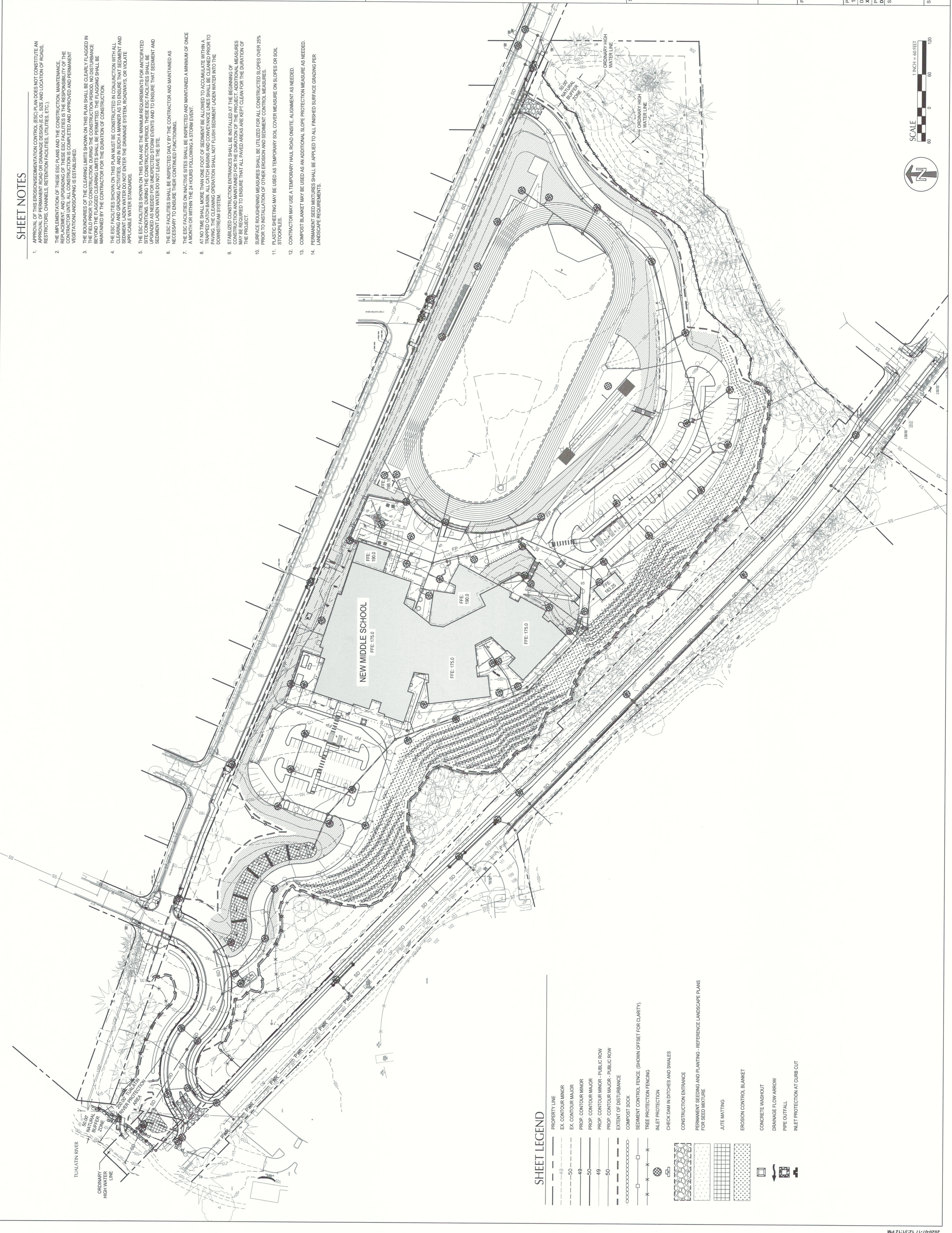
SHEET TITLE: **UTILITIES, STREETS, AND VERTICAL CONSTRUCTION EROSION AND SEDIMENT CONTROL PLAN**

SHEET NUMBER: **CE3103**
 ISSUE: **A**

SCALE CROSS: BM 900.1724728 - 8129 - WLVW Main Middle School R2020124738.WLVWMainMiddleSchool_R2021

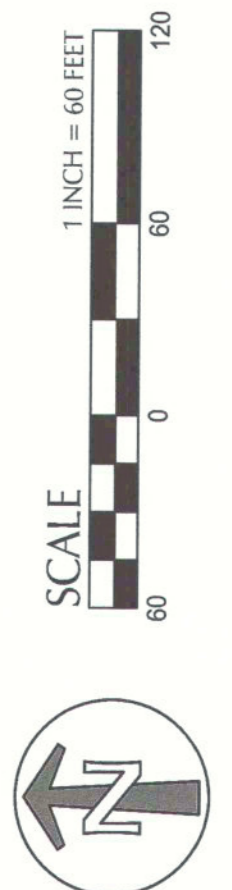
SHEET NOTES

- APPROVAL OF THIS EROSION/SEDIMENT CONTROL (ESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR DRAINAGE DESIGN (E.G. SIZE AND LOCATION OF ROADS, RESTRICTIONS, CHANNELS, RETENTION FACILITIES, UTILITIES, ETC.).
- 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.
- 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 SHALL BE ALLOWED TO OCCUR BEYOND THE FLAGGED CLEARING LIMITS. ANY DISTURBANCE BEYOND THE FLAGGED CLEARING LIMITS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
- THE ESC FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES AND MUST BE MAINTAINED THROUGHOUT CONSTRUCTION AND SEDIMENT LADEN WATER DO NOT ENTER THE DRAINAGE SYSTEM, ROADWAYS, OR VIOLATE APPLICABLE WATER STANDARDS.
- 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.
- THE ESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING.
- 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.
- 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 THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT LADEN WATER INTO THE DOWNSYSTEM SYSTEM.
- STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES SHALL BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
- SURFACE ROUGHENING MEASURES SHALL BE UTILIZED FOR ALL CONSTRUCTED SLOPES OVER 25% PRIOR TO INSTALLATION OF OTHER EROSION AND SEDIMENT CONTROL MEASURES.
- PLASTIC SHEETING MAY BE USED AS TEMPORARY SOIL COVER MEASURE ON SLOPES OR SOIL STOCKPILES.
- CONTRACTOR MAY USE A TEMPORARY HAUL ROAD ON-SITE. ALIGNMENT AS NEEDED.
- COMPOST BLANKET MAY BE USED AS AN ADDITIONAL SLOPE PROTECTION MEASURE AS NEEDED. PERMANENT SEED MIXTURES SHALL BE APPLIED TO ALL FINISHED SURFACE GRADING PER LANDSCAPE REQUIREMENTS.



SHEET LEGEND

- PROPERTY LINE
- EX. CONTOUR MINOR
- EX. CONTOUR MAJOR
- PROP. CONTOUR MINOR
- PROP. CONTOUR MAJOR
- PROP. CONTOUR MINOR - PUBLIC ROW
- PROP. CONTOUR MAJOR - PUBLIC ROW
- EXTENT OF DISTURBANCE
- COMPOST SOCK
- SEDIMENT CONTROL FENCE (SHOWN OFFSET FOR CLARITY)
- TREE PROTECTION FENCING
- INLET PROTECTION
- CHECK DAM IN DITCHES AND SWALES
- CONSTRUCTION ENTRANCE
- PERMANENT SEEDING AND PLANTING - REFERENCE LANDSCAPE PLANS FOR SEED MIXTURE
- JUTE MATTING
- EROSION CONTROL BLANKET
- CONCRETE WASHOUT
- DRAINAGE FLOW ARROW
- PIPE OUTFALL
- INLET PROTECTION AT CURB CUT



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**West Linn-Wilsonville
 School District**
 22210 SW Stafford Rd, Tualatin, OR 97062

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PERMITS
 PERMIT NO. 2201-07-10
 DATE 2/21/20

ISSUES	DESCRIPTION	DATE
NO.	DESCRIPTION	DATE
1	PERMIT DRAWINGS	2/21/20

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PROJECT
New Althey Creek Middle School
 945 Dollar Street
 West Linn, OR 97068

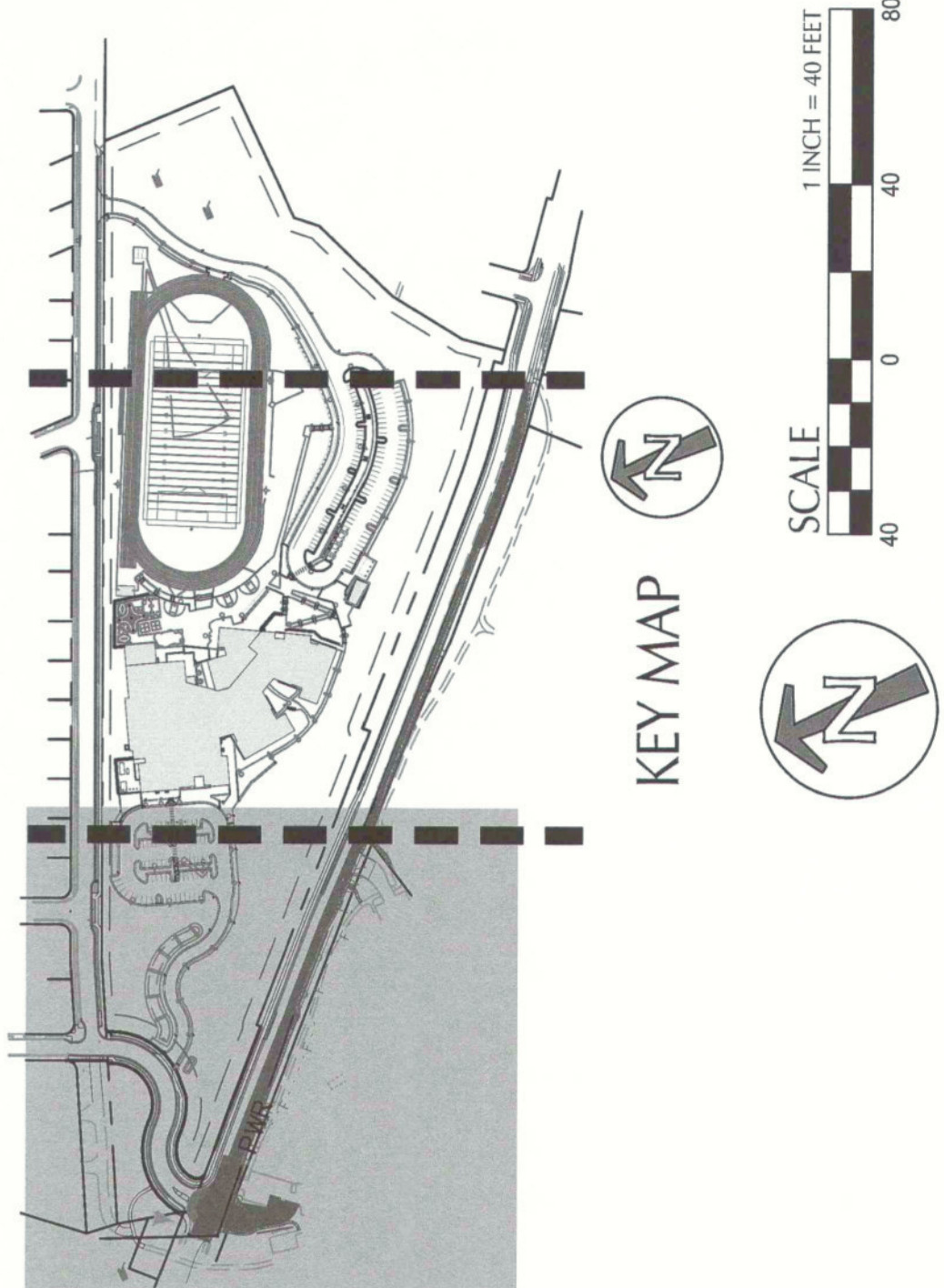
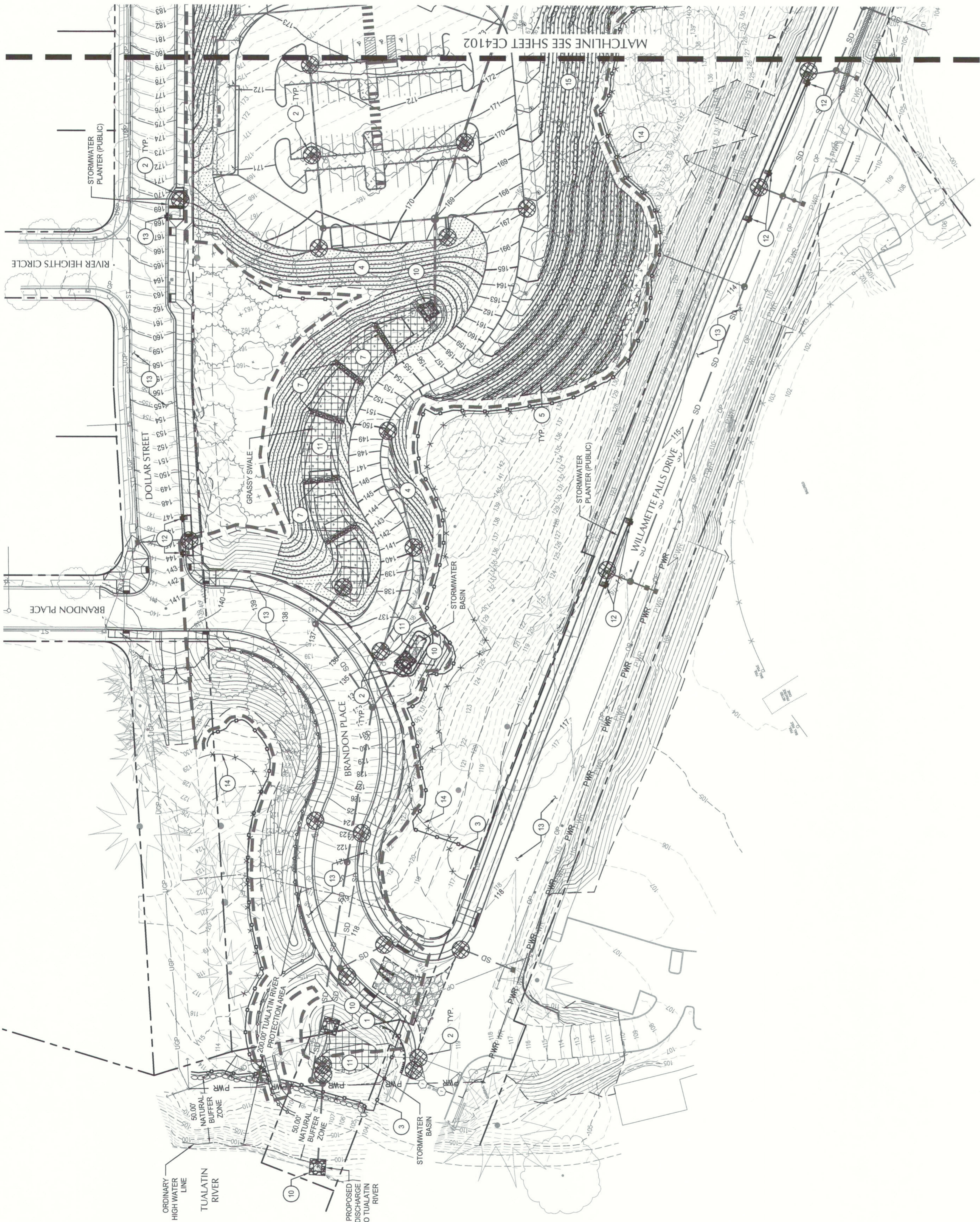
PROJECT NO.: 124738
 DRAWN BY: DP, MM
 PROJECT MGR.: DP
 APPROVED BY: DP

SHEET TITLE
**FINAL LANDSCAPE AND SITE
 STABILIZATION EROSION AND
 SEDIMENT CONTROL PLAN**
 SHEET NUMBER
CE4101
 ISSUE
A

- KEY NOTES**
- CONSTRUCT GRAVEL CONSTRUCTION ENTRANCE.
 - INSTALL INLET SEDIMENT PROTECTION.
 - INSTALL SEDIMENT FENCE.
 - INSTALL PERMANENT SEEDING AND PLANTING ON SLOPES. SEE LANDSCAPE PLANS FOR SEEDING MIXTURE.
 - INSTALL STRAW WATTLES ON SLOPES GREATER THAN 13%.
 - NOT USED.
 - INSTALL CHECK DAM.
 - INSTALL CONCRETE WASHOUT.
 - PIPE OUTFALL.
 - INSTALL JUTE MATTING IN STORMWATER FACILITIES.
 - INSTALL INLET PROTECTION AT CURB CUT.
 - FOR FULL EROSION CONTROL ON PUBLIC STREETS, SEE OFFSITE PLAN SET.
 - INSTALL ORANGE CONSTRUCTION/TREE PROTECTION FENCING.
 - INSTALL EROSION CONTROL BLANKET C32 BD OR APPROVED EQUAL.

SHEET LEGEND

---	PROPERTY LINE
- - - -	EX. CONTOUR MINOR
- - - -	EX. CONTOUR MAJOR
- - - -	PROP. CONTOUR MINOR
- - - -	PROP. CONTOUR MAJOR
- - - -	PROP. CONTOUR MINOR - PUBLIC ROW
- - - -	PROP. CONTOUR MAJOR - PUBLIC ROW
- - - -	EXTENT OF DISTURBANCE
○	STRAW WATTLE
○	SEDIMENT CONTROL FENCE (SHOWN OFFSET FOR CLARITY)
○	TREE PROTECTION FENCING
○	INLET PROTECTION
○	CHECK DAM IN DITCHES AND SWALES
○	CONSTRUCTION ENTRANCE
○	PERMANENT SEEDING AND PLANTING - REFERENCE LANDSCAPE PLANS FOR SEED MIXTURE
○	JUTE MATTING
○	EROSION CONTROL BLANKET
○	CONCRETE WASHOUT
○	DRAINAGE FLOW ARROW
○	PIPE OUTFALL
○	INLET PROTECTION AT CURB CUT



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 School District**
 22210 SW Stafford Rd, Tualatin, OR 97062

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NO.	DESCRIPTION	DATE
1	PERMIT DRAWINGS	2021-07-16

KEYPLAN

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PROJECT
New Athey Creek Middle School
 945 Dollar Street
 West Linn, OR 97068

PROJECT NO:
 124738

DRAWN BY:
 DP, MW

CHECKED BY:
 DP

PROJECT MGR:
 DP

APPROVED BY:
 DP

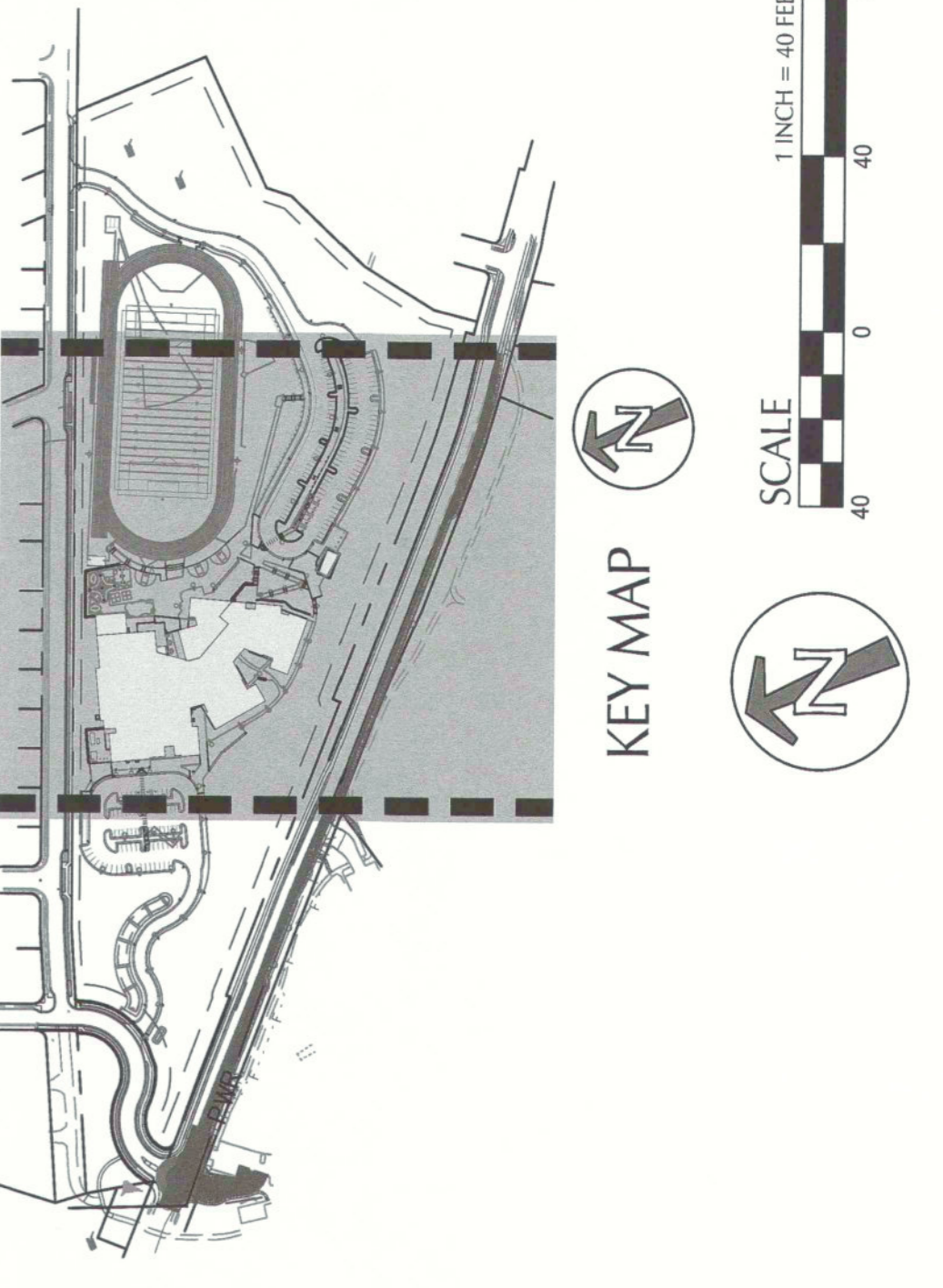
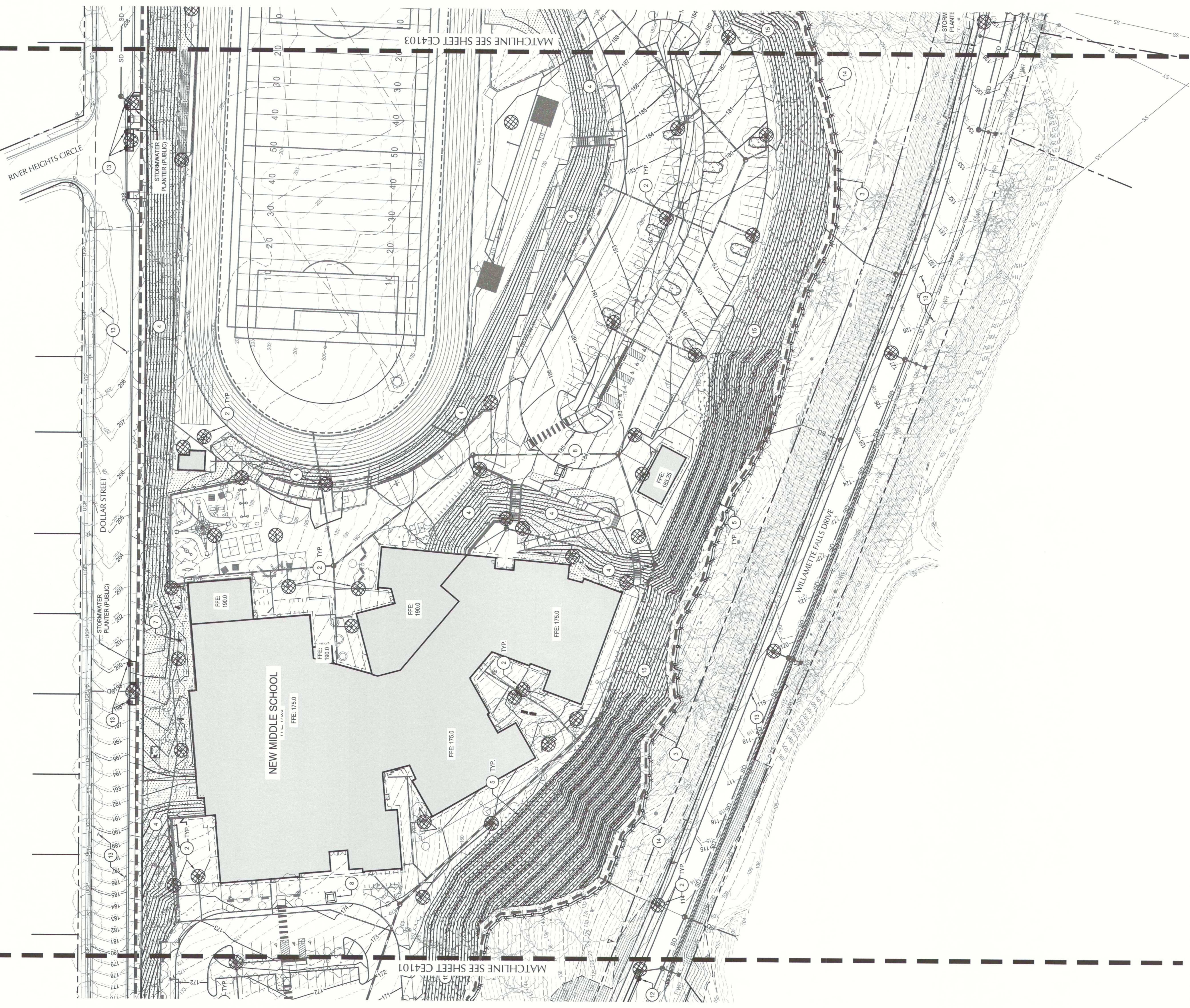
SHEET TITLE
**FINAL LANDSCAPE AND SITE
 STABILIZATION EROSION AND
 SEDIMENT CONTROL PLAN**

SHEET NUMBER
CE4102

ISSUE
A


- KEY NOTES
- CONSTRUCT GRAVEL CONSTRUCTION ENTRANCE
 - INSTALL INLET SEDIMENT PROTECTION
 - INSTALL SEDIMENT FENCE
 - INSTALL PERMANENT SEEDING AND PLANTING ON SLOPES. SEE LANDSCAPE PLANS FOR SEEDING MIXTURE.
 - INSTALL STRAW MATTLERS ON SLOPES GREATER THAN 13%.
 - NOT USED
 - INSTALL CHECK DAM
 - INSTALL CONCRETE WASHOUT
 - PIPE OUTFALL
 - INSTALL JUTE MATTING IN STORMWATER FACILITIES.
 - INSTALL INLET PROTECTION AT CURB CUT
 - FOR FULL EROSION CONTROL ON PUBLIC STREETS, SEE OFFSITE PLAN SET.
 - INSTALL ORANGE CONSTRUCTION TREE PROTECTION FENCING.
 - INSTALL EROSION CONTROL BLANKET C32 BD OR APPROVED EQUAL.

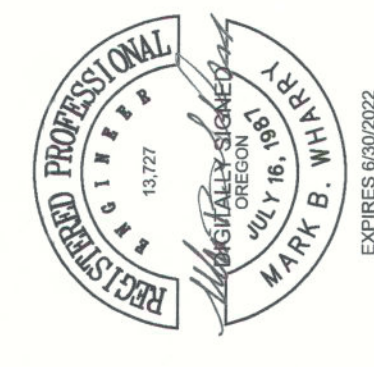
- SHEET LEGEND
- PROPERTY LINE
 - EX CONTOUR MINOR
 - EX CONTOUR MAJOR
 - PROP. CONTOUR MINOR
 - PROP. CONTOUR MAJOR
 - PROP. CONTOUR MINOR - PUBLIC ROW
 - PROP. CONTOUR MAJOR - PUBLIC ROW
 - EXTENT OF DISTURBANCE
 - STRAW MATTLER
 - SEDIMENT CONTROL FENCE (SHOWN OFFSET FOR CLARITY)
 - TREE PROTECTION FENCING
 - INLET PROTECTION
 - CHECK DAM IN DITCHES AND SWALES
 - CONSTRUCTION ENTRANCE
 - PERMANENT SEEDING AND PLANTING - REFERENCE LANDSCAPE PLANS FOR SEED MIXTURE
 - JUTE MATTING
 - EROSION CONTROL BLANKET
 - CONCRETE WASHOUT
 - DRAINAGE FLOW ARROW
 - PIPE OUTFALL
 - INLET PROTECTION AT CURB CUT



ISSUES	DESCRIPTION	DATE
NO.	PERMIT DRAWINGS	2/02/17/10

KEYPLAN

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SEAL

 REGISTERED PROFESSIONAL ENGINEER
 CIVIL
 No. 13127
 Mark B. Willy
 Expires 6/30/2022

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 info@ibigroup.com

PROJECT
New Athey Creek Middle School
 945 Dollar Street
 West Linn, OR 97068

PROJECT NO:
 124738

DRAWN BY:
 DP, MMW

PROJECT MGR:
 DP

CHECKED BY:
 DP, MMW

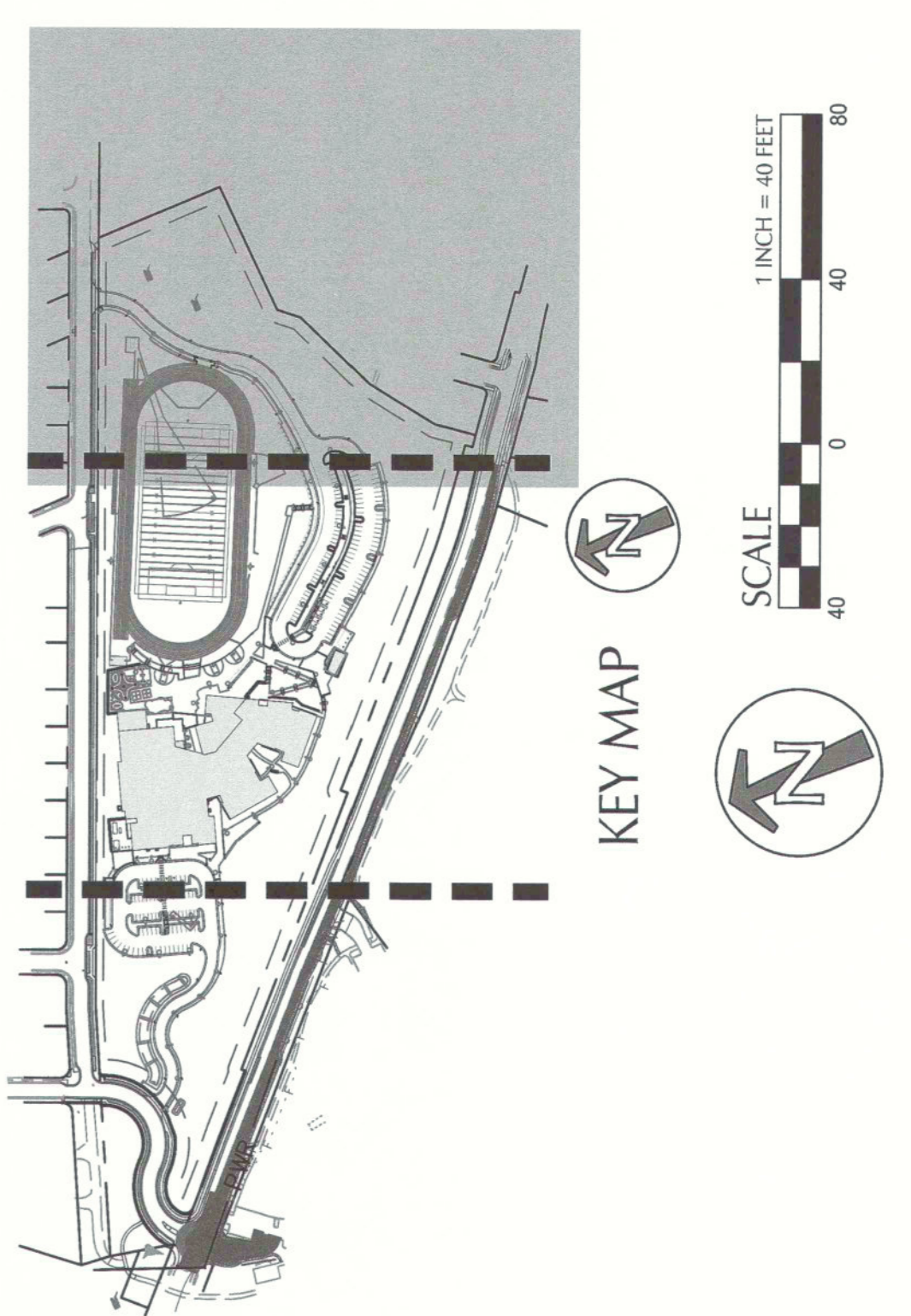
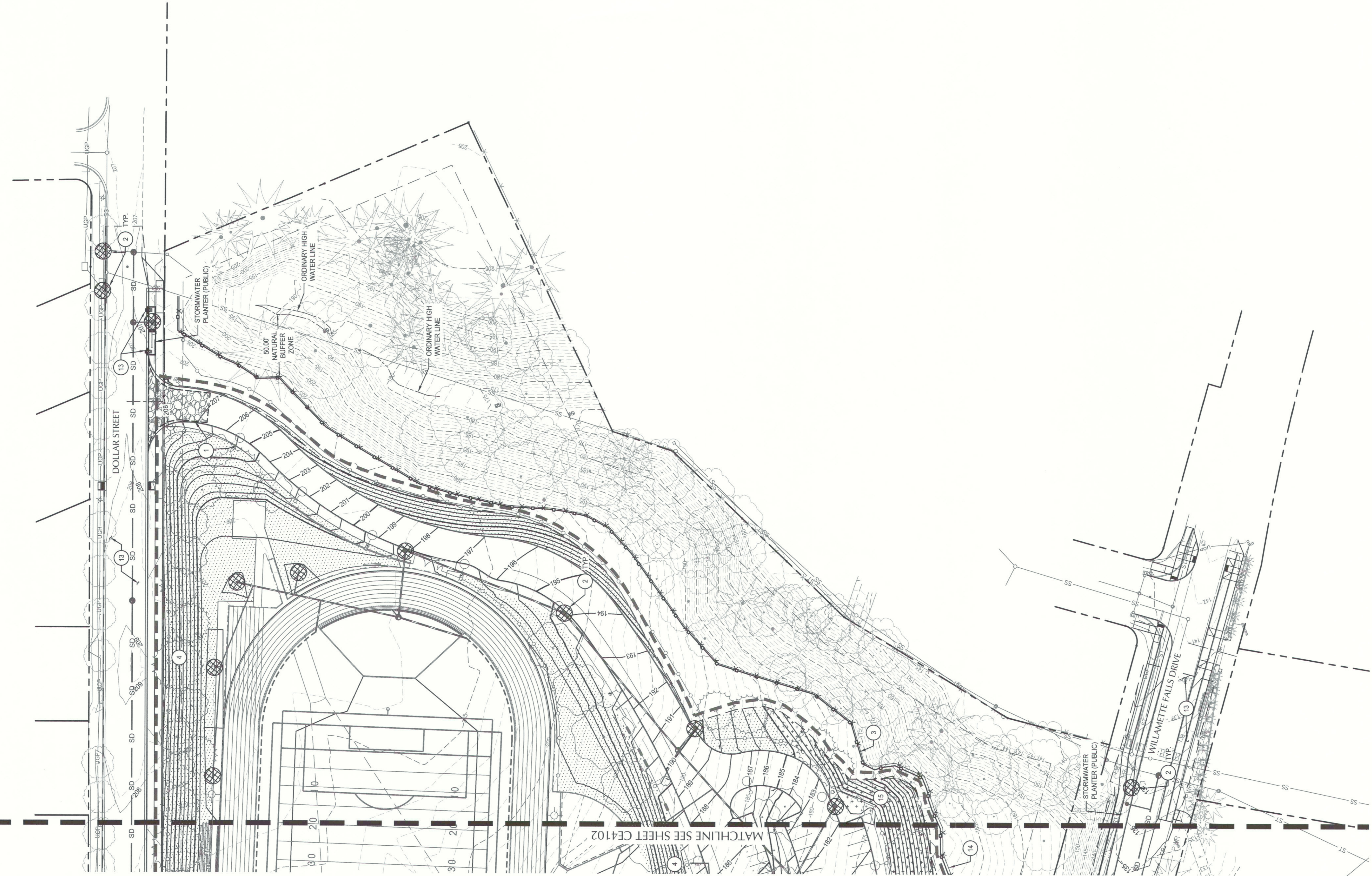
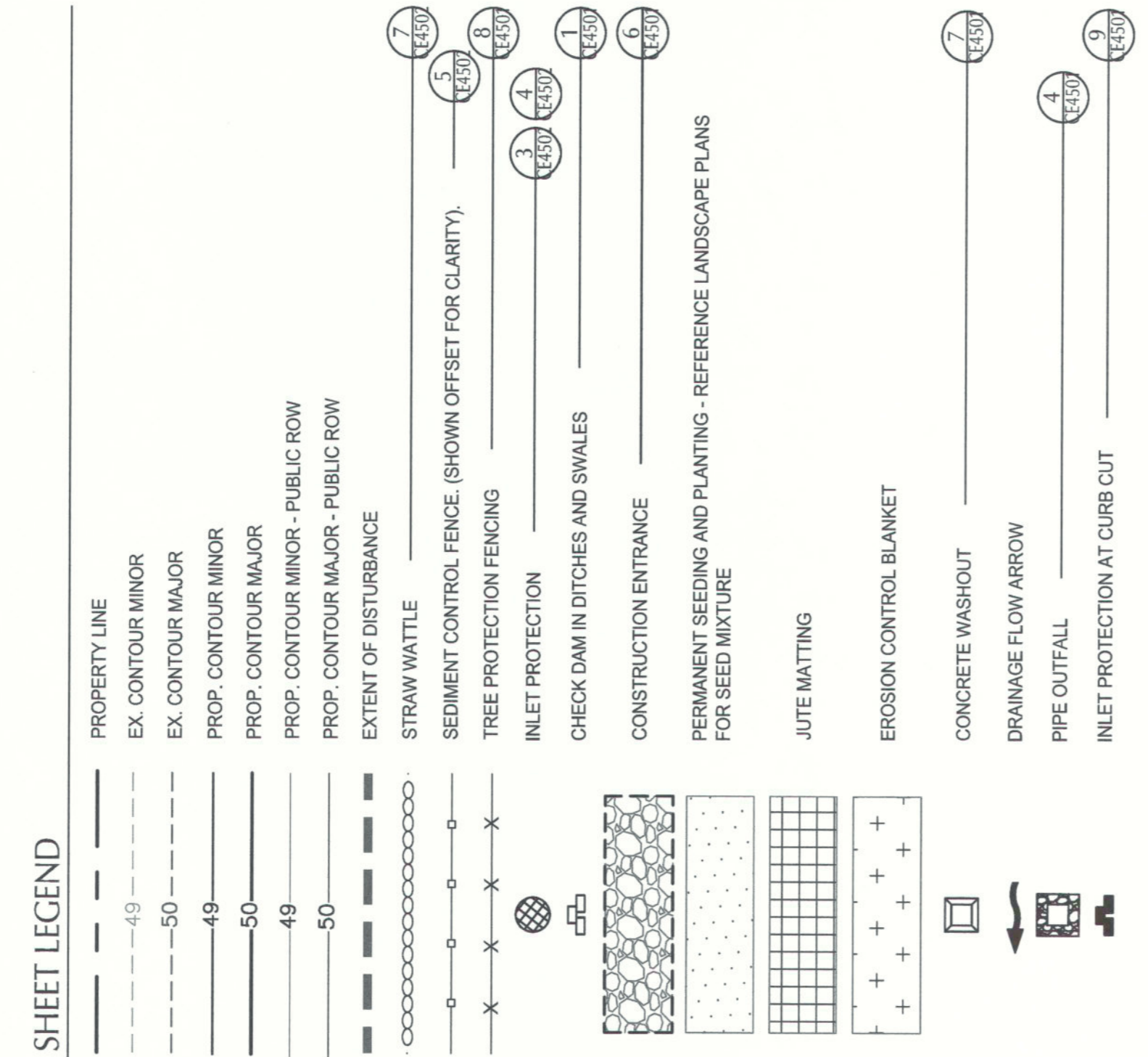
APPROVED BY:
 DP

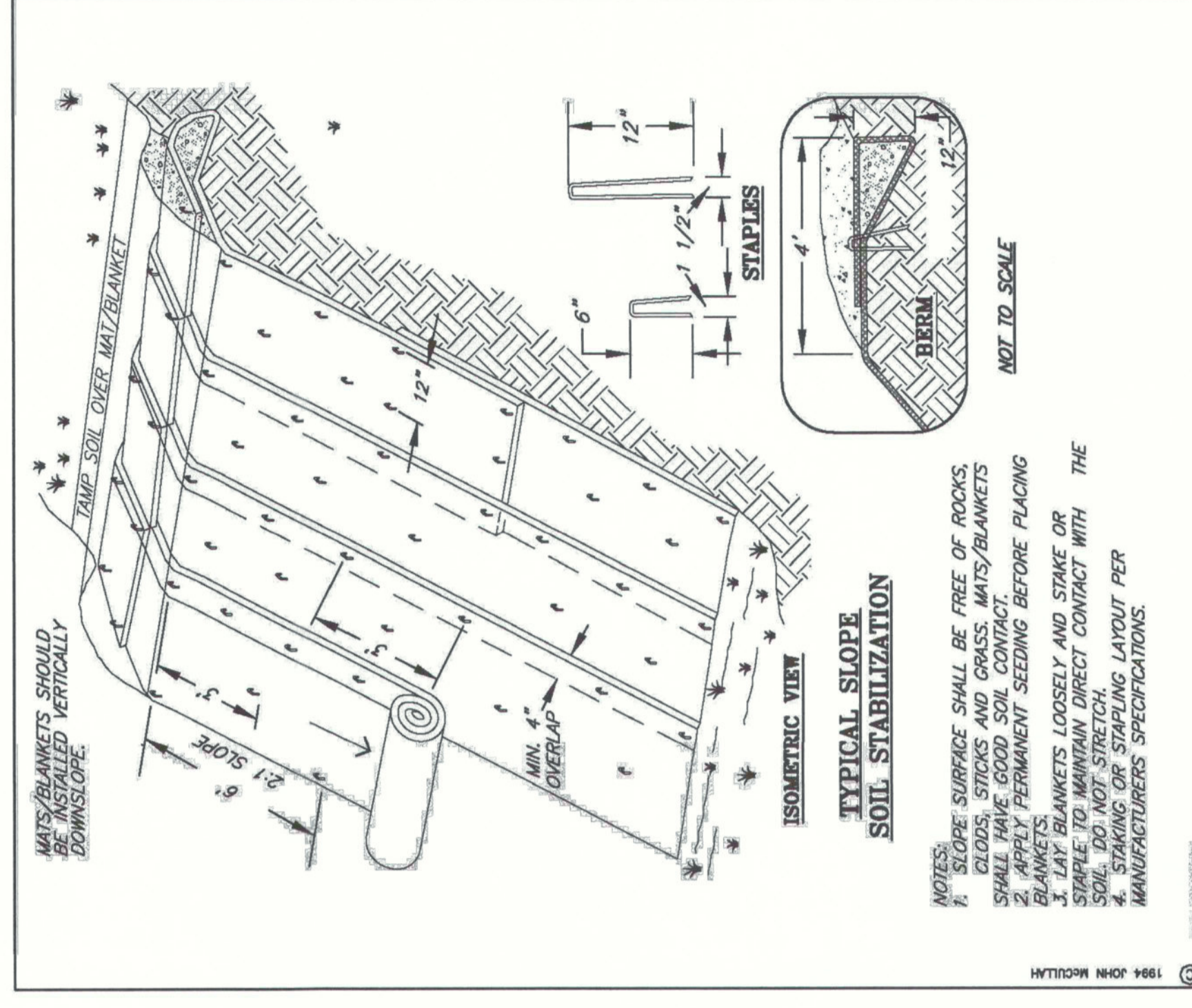
SHEET TITLE
**FINAL LANDSCAPE AND SITE
 STABILIZATION EROSION AND
 SEDIMENT CONTROL PLAN**

SHEET NUMBER
CE4103

ISSUE
A

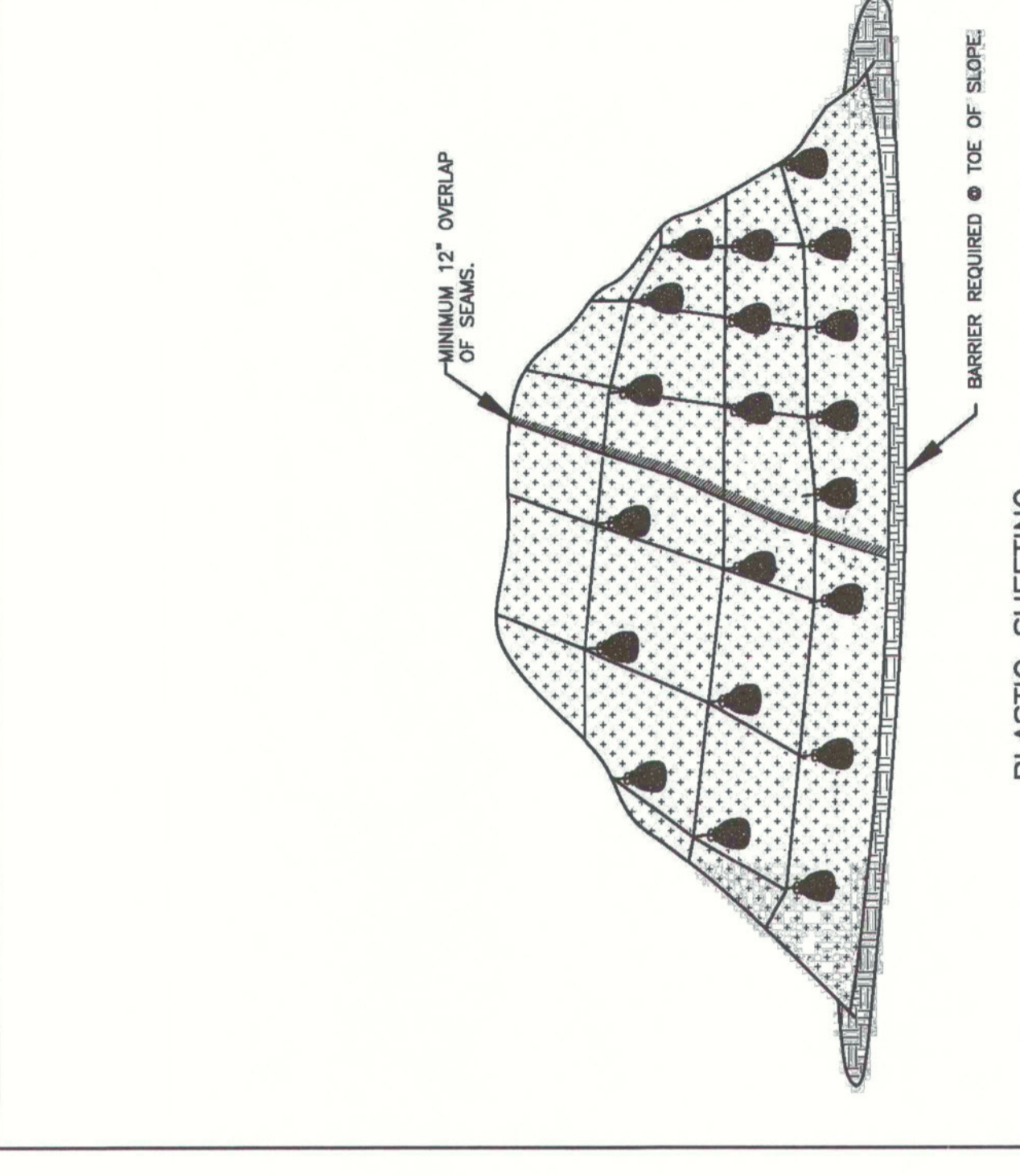
- KEY NOTES**
1. CONSTRUCT GRAVEL CONSTRUCTION ENTRANCE.
 2. INSTALL INLET SEDIMENT PROTECTION.
 3. INSTALL SEDIMENT FENCE.
 4. INSTALL PERMANENT SEEDING AND PLANTING ON SLOPES. SEE LANDSCAPE PLANS FOR SEEDING MIXTURE.
 5. INSTALL STRAW WATTLES ON SLOPES GREATER THAN 33%.
 6. NOT USED.
 7. INSTALL CHECK DAM.
 8. INSTALL CONCRETE WASHOUT.
 9. PIPE OUTFALL.
 10. INSTALL JUTE MATTINGS IN STORMWATER FACILITIES.
 11. INSTALL INLET PROTECTION AT CURB CUT.
 12. FOR FULL EROSION CONTROL ON PUBLIC STREETS, SEE OFFSITE PLAN SET.
 13. INSTALL ORANGE CONSTRUCTION/TREE PROTECTION FENCING.
 14. INSTALL EROSION CONTROL BLANKET C32 BD OR APPROVED EQUAL.





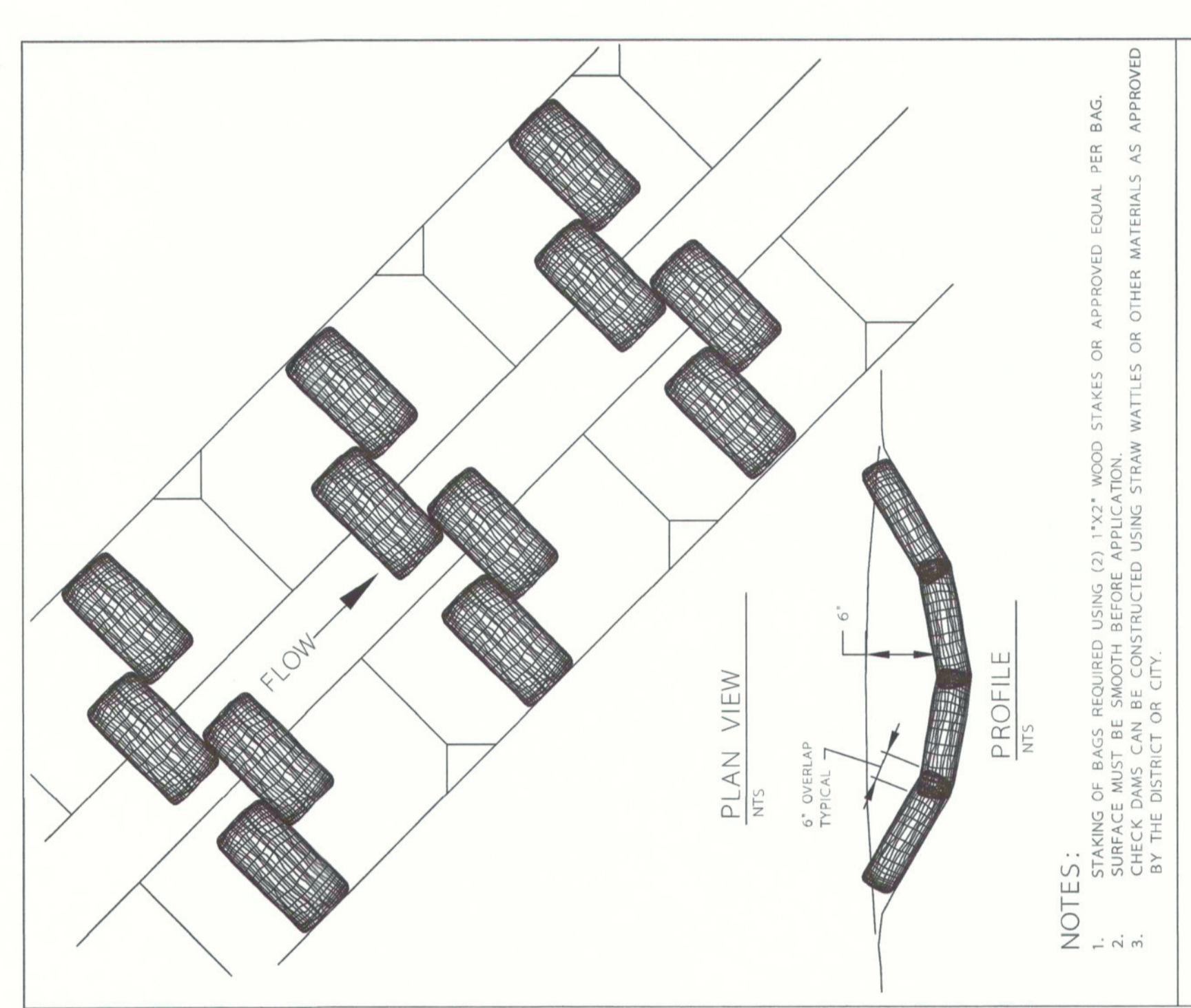
DETAIL DRAWING 4-1
MATTING - SLOPE INSTALLATION
REVISED 01-08

1 MATTING INSTALLATION
SCALE: NTS



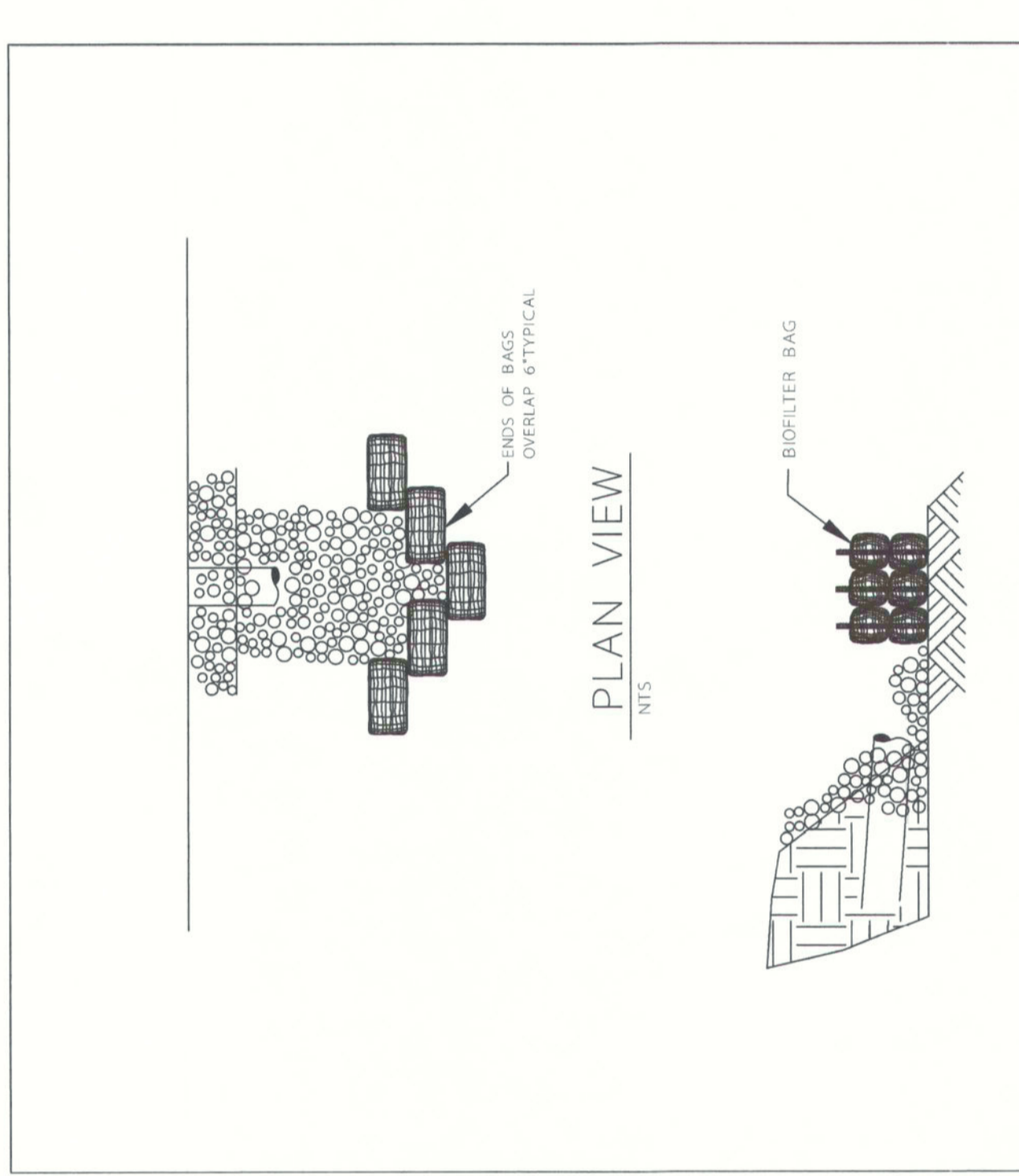
DETAIL DRAWING 4-3
PLASTIC SHEETING
REVISED 01-08

2 PLASTIC SHEETING
SCALE: NTS



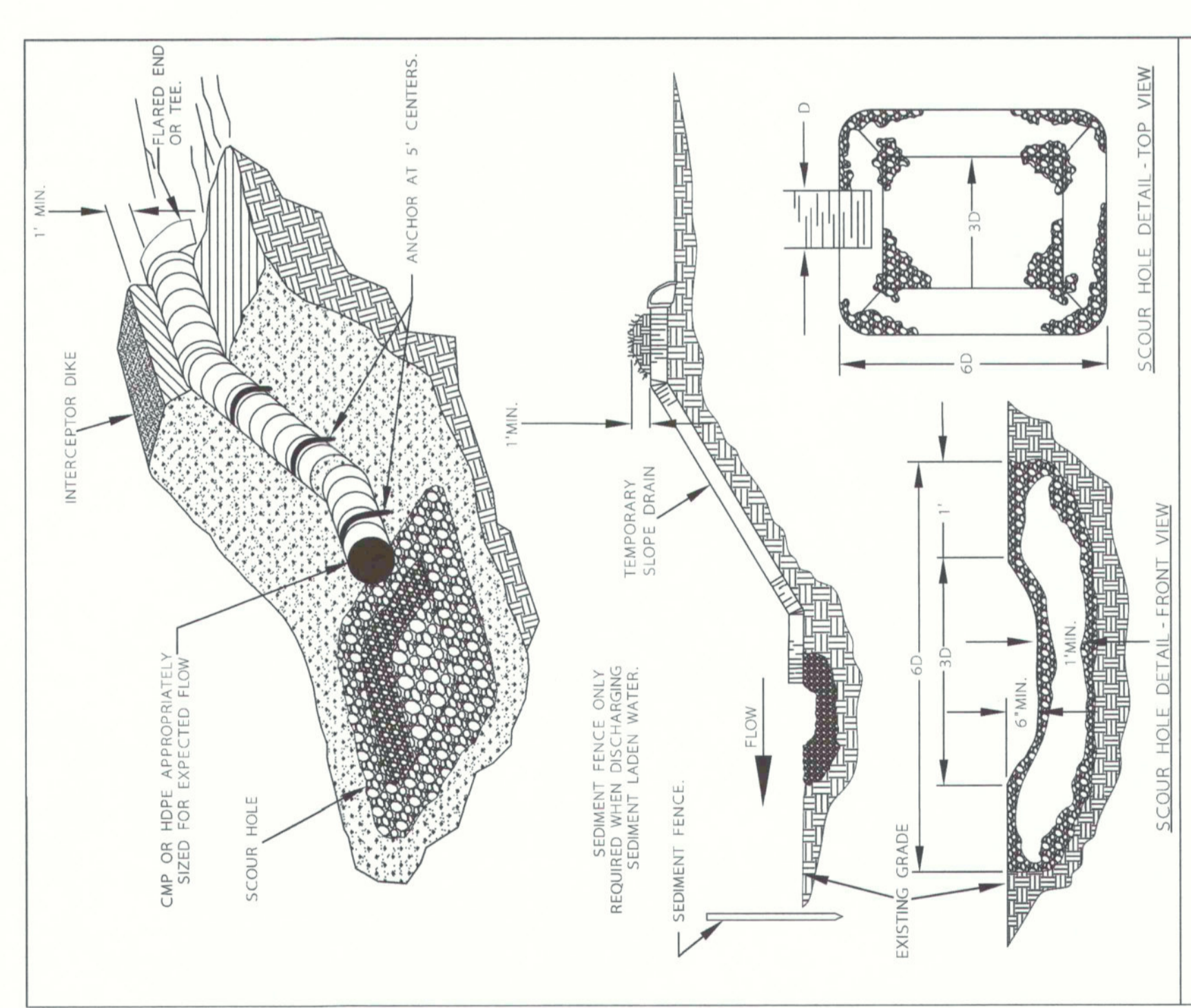
DETAIL DRAWING 4-5
CHECK DAM - BIO-FILTER BAGS
REVISED 01-09

3 BIO-FILTER BAG SEDIMENT BARRIER IN DITCHES OR SWALES
SCALE: NTS



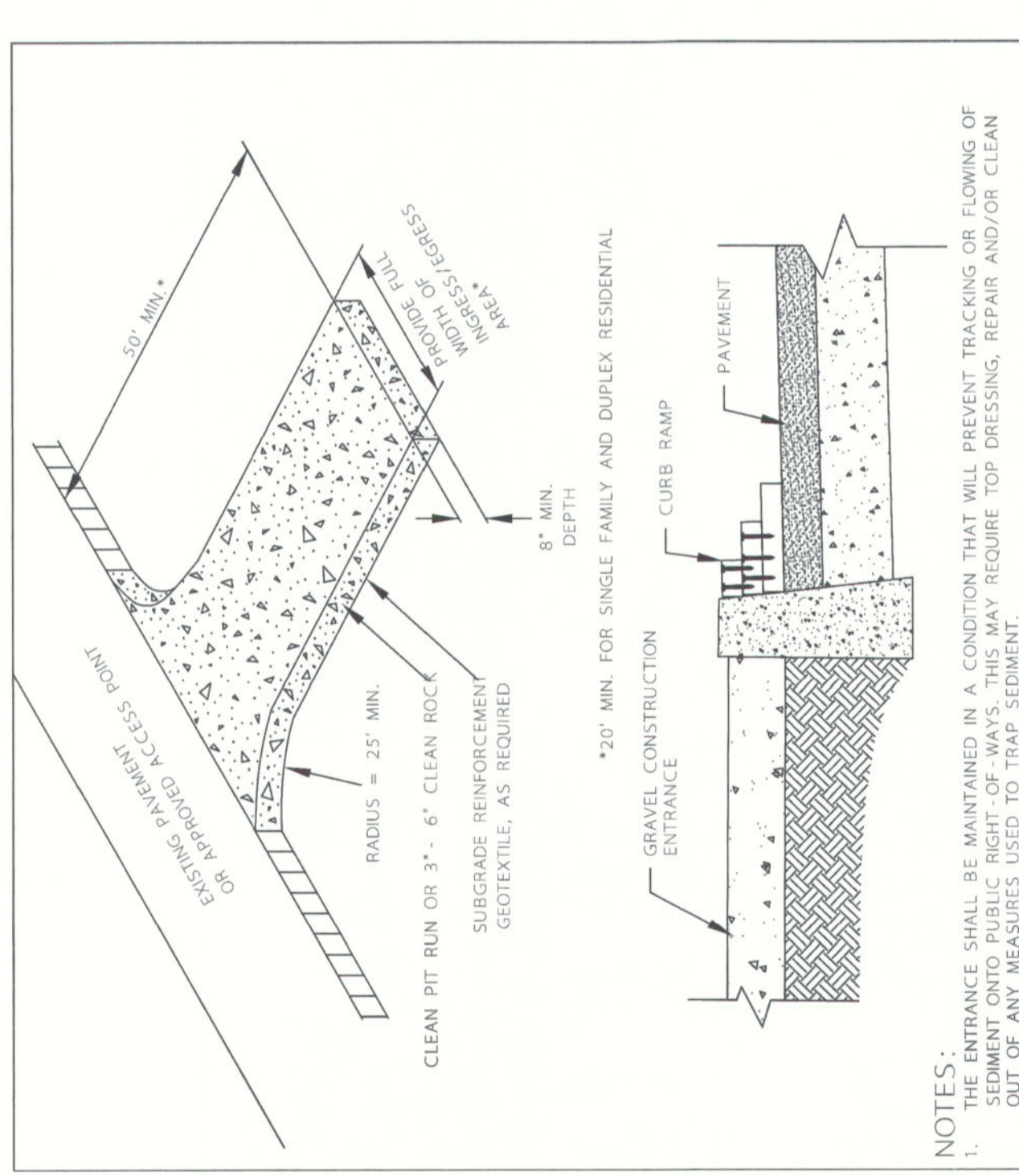
DETAIL DRAWING 4-7
OUTLET PROTECTION - RIP RAP
REVISED 01-09

4 OUTLET PROTECTION RIP RAP
SCALE: NTS



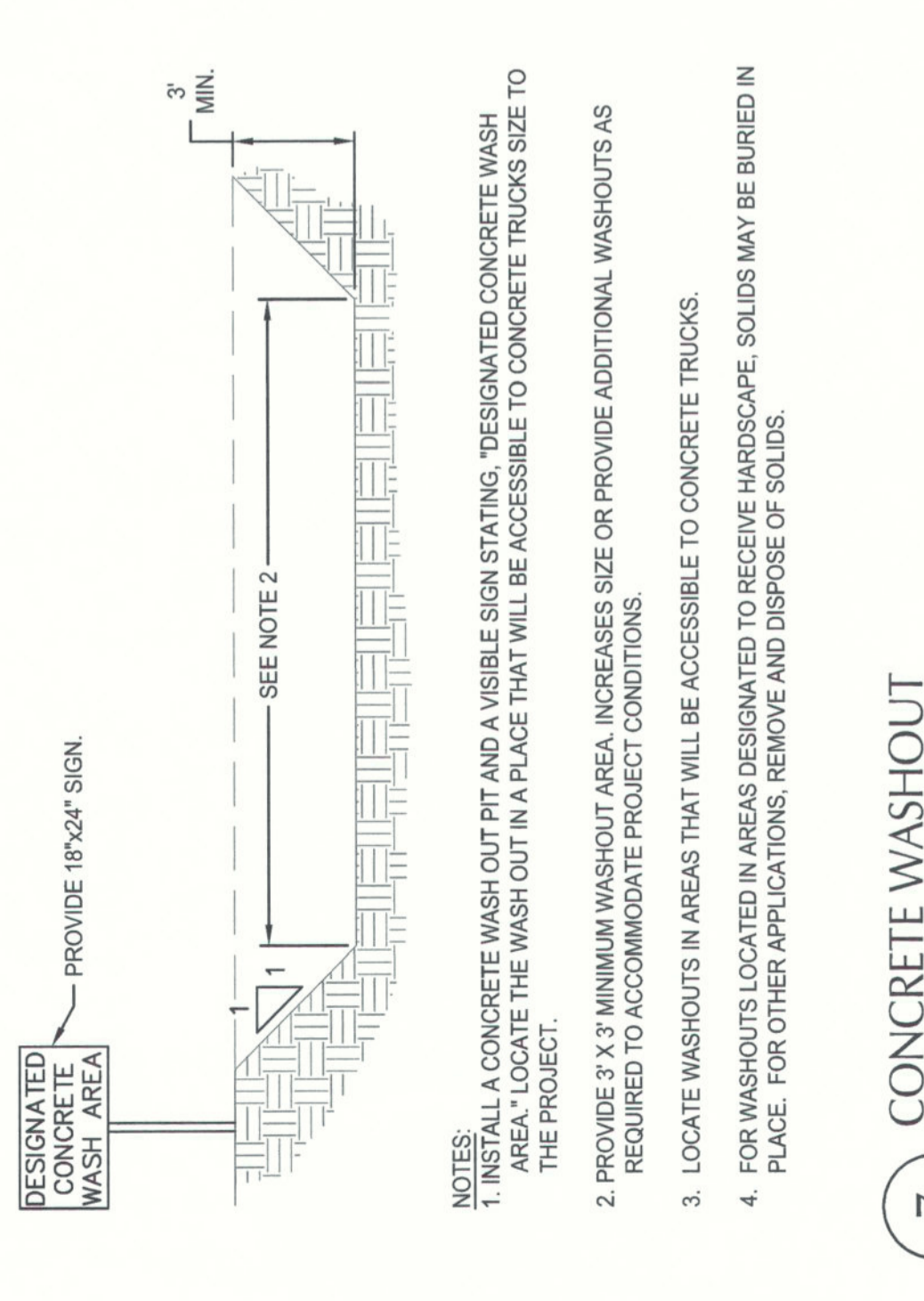
DETAIL DRAWING 4-9
PIPE SLOPE DRAIN
REVISED 01-09

5 PIPE SLOPE DRAIN
SCALE: NTS

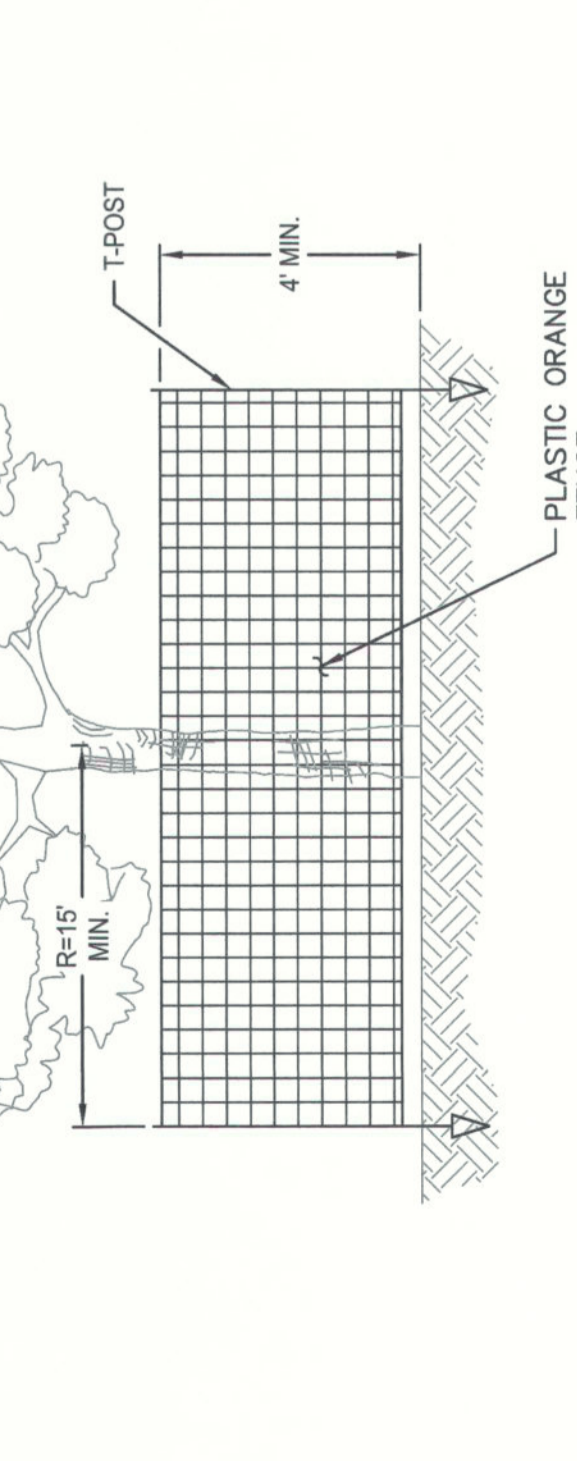


DETAIL DRAWING 4-13
CONSTRUCTION ENTRANCE
REVISED 01-09

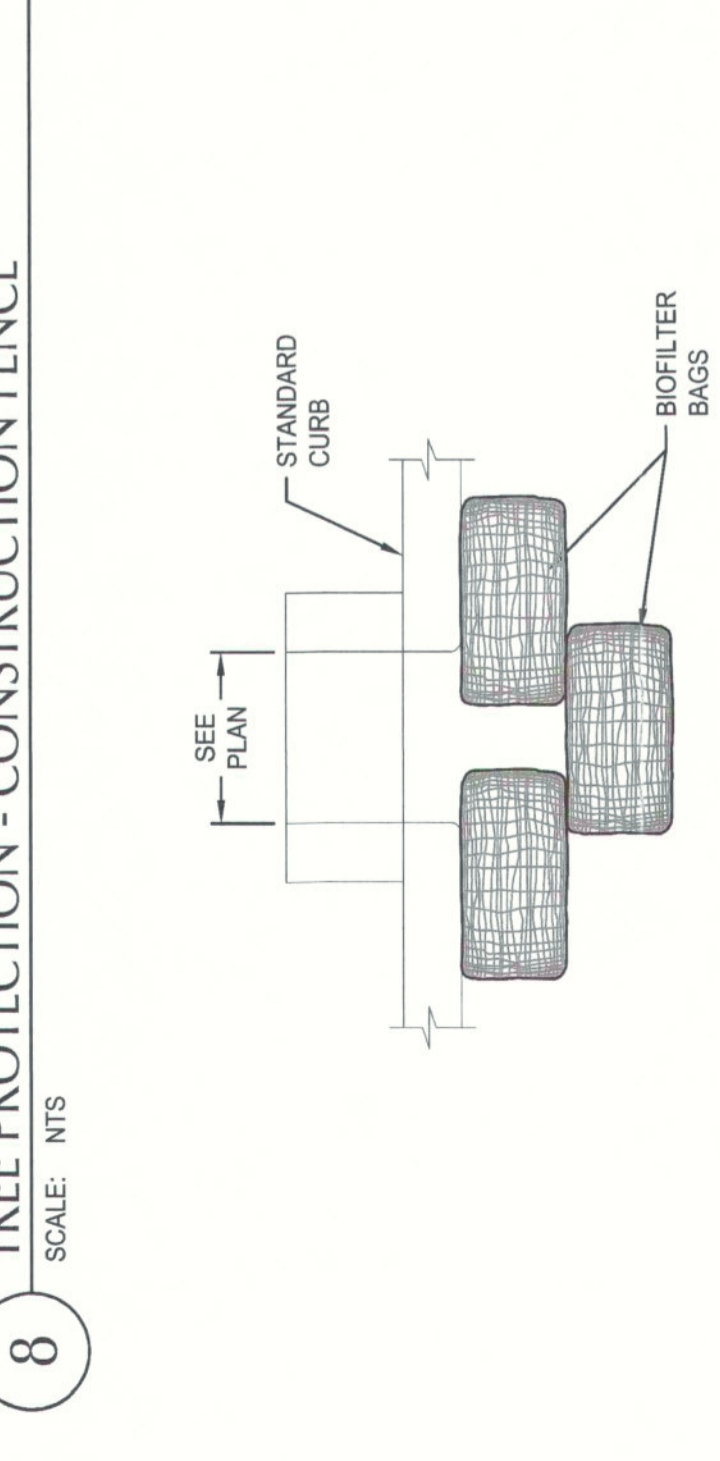
6 CONSTRUCTION ENTRANCE
SCALE: NTS



7 CONCRETE WASHOUT
SCALE: NTS

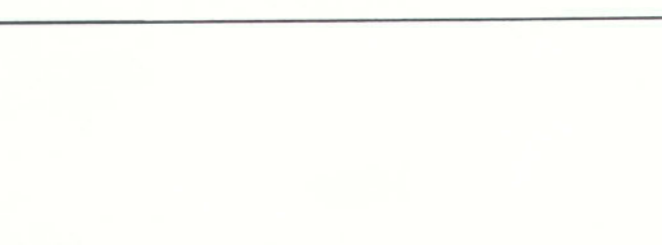
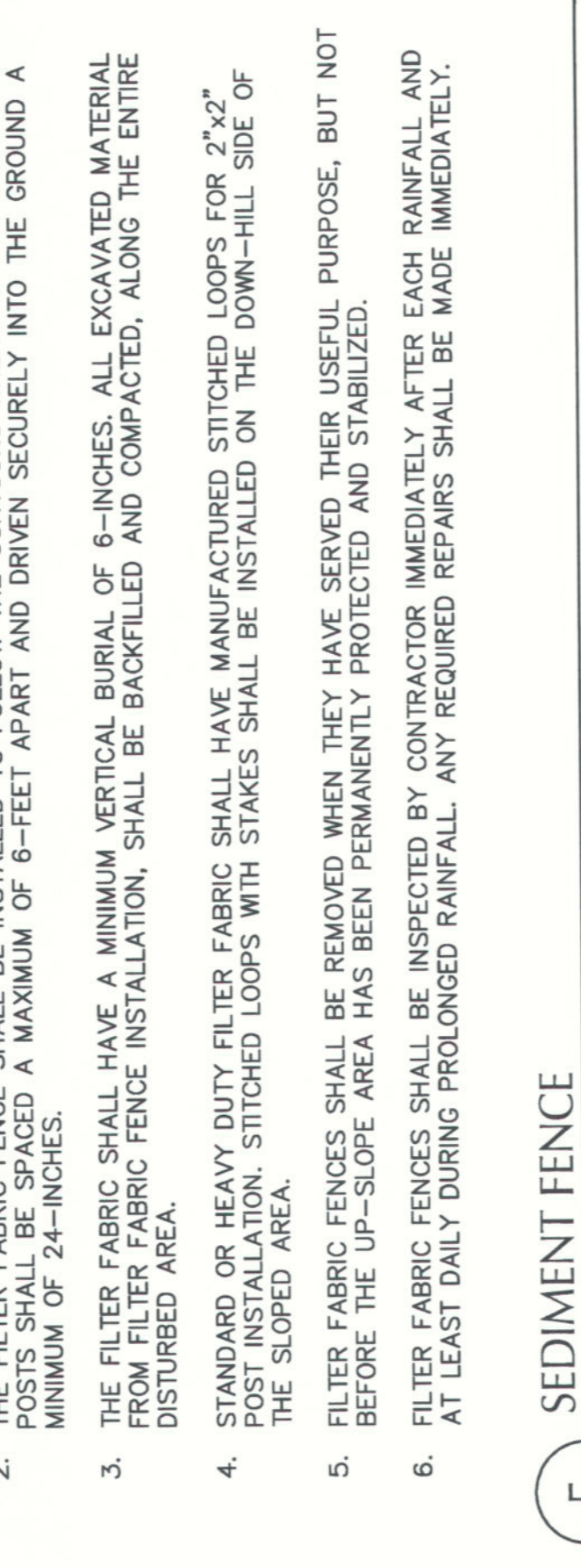
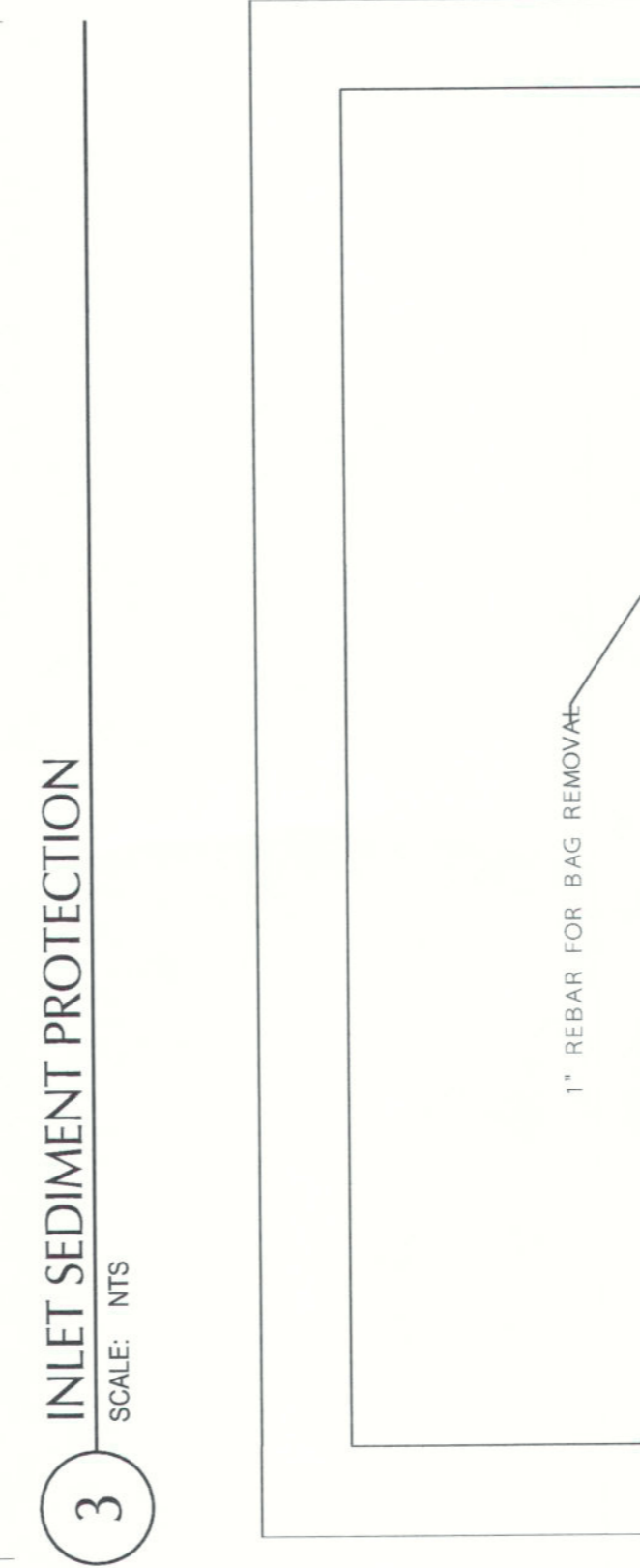
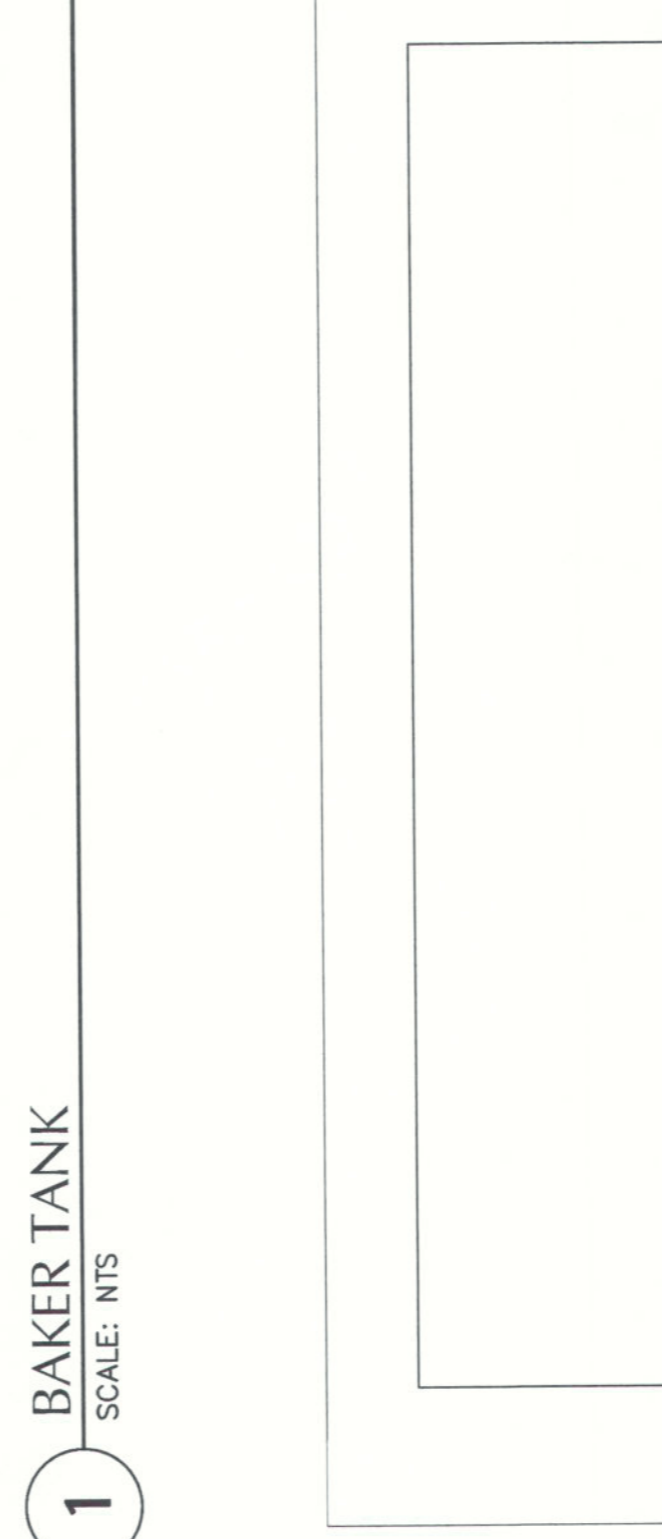
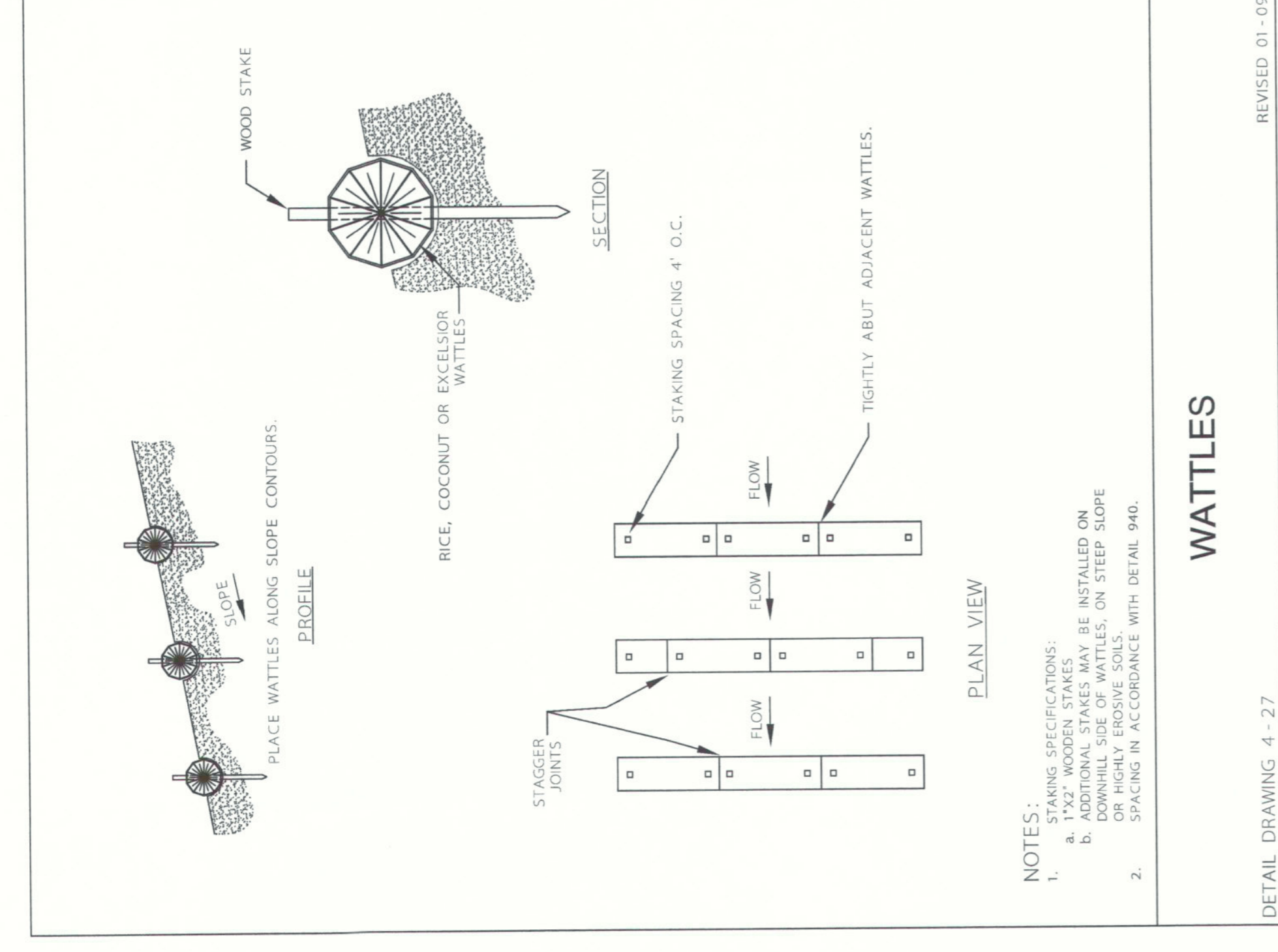
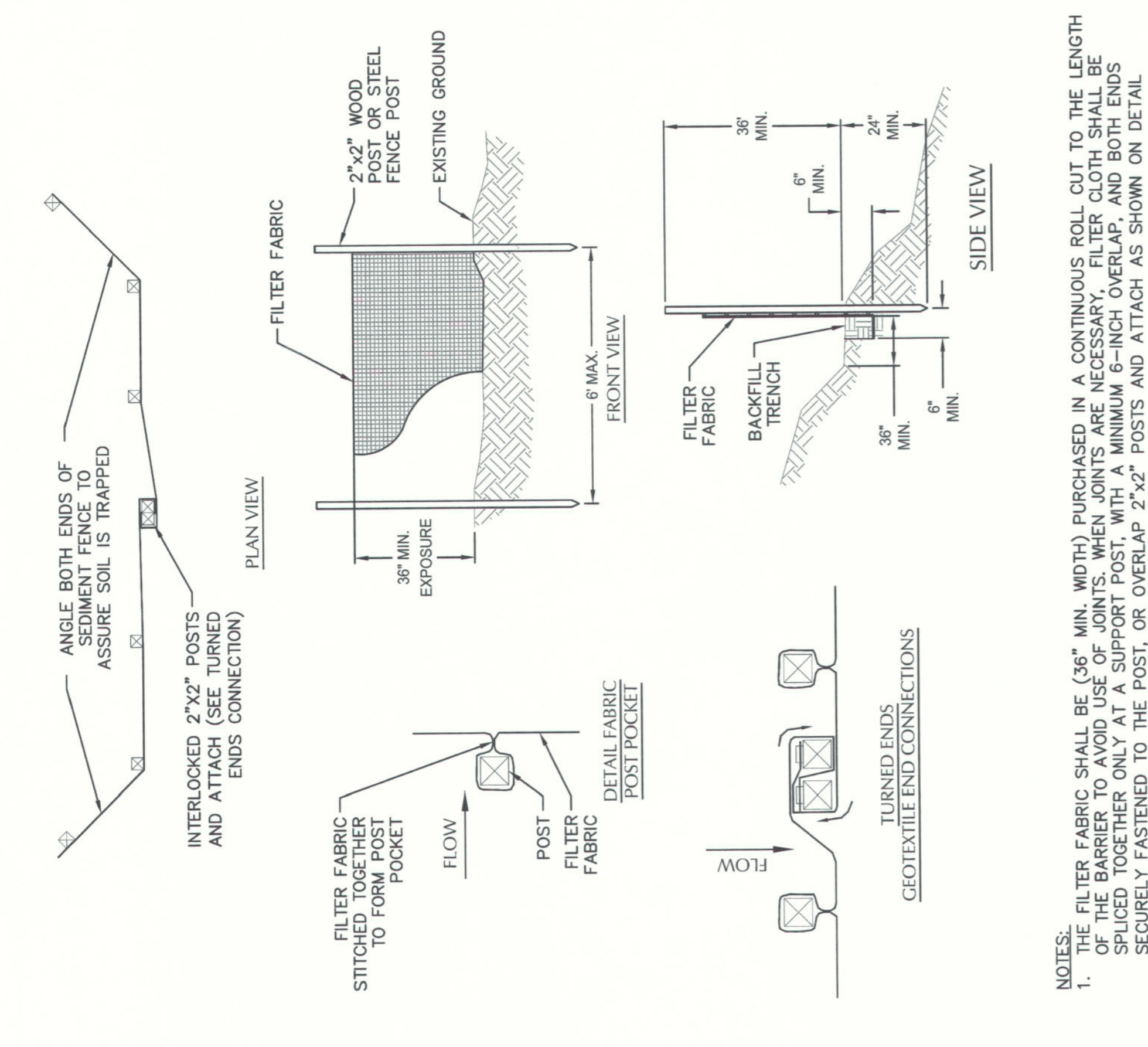
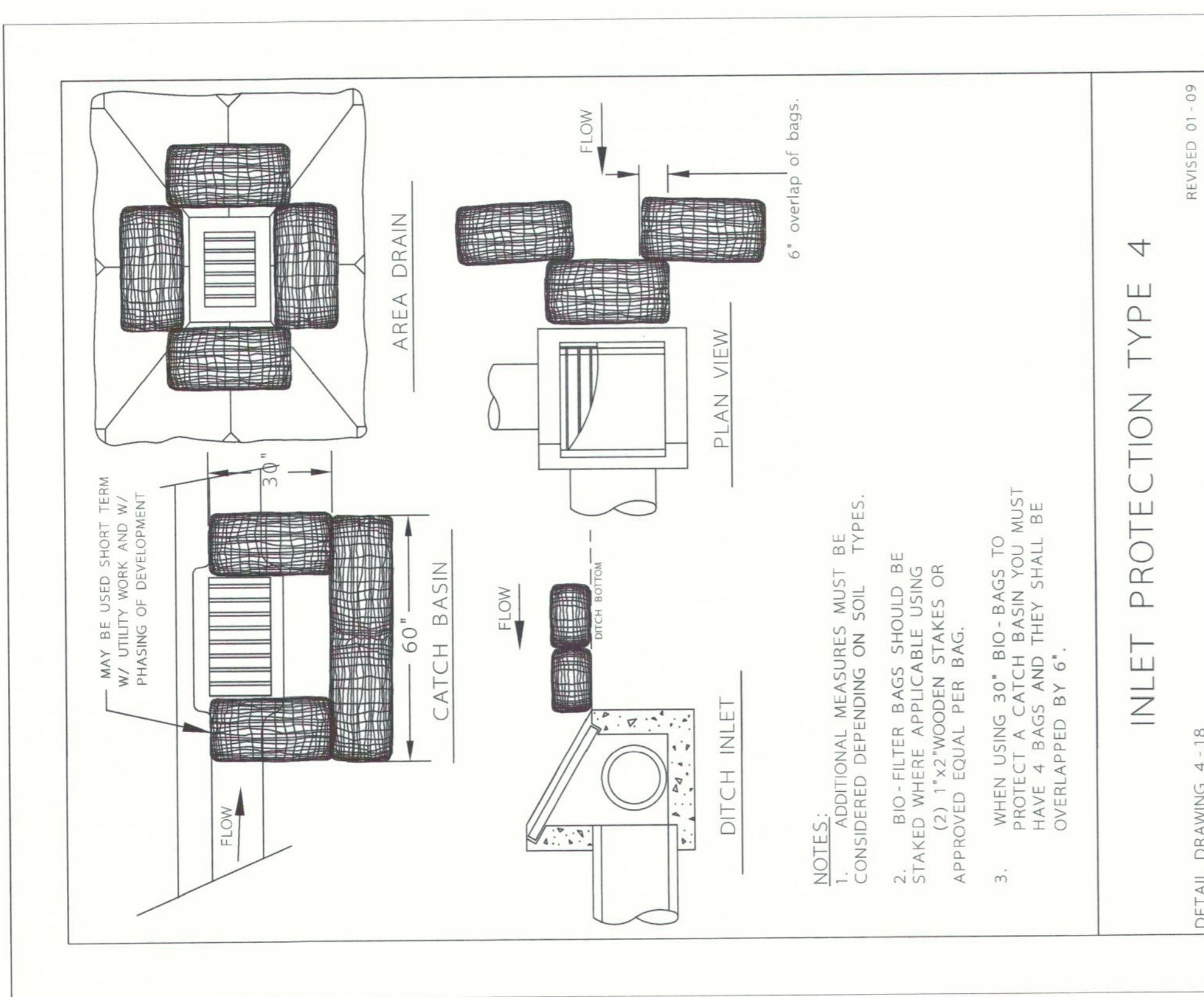
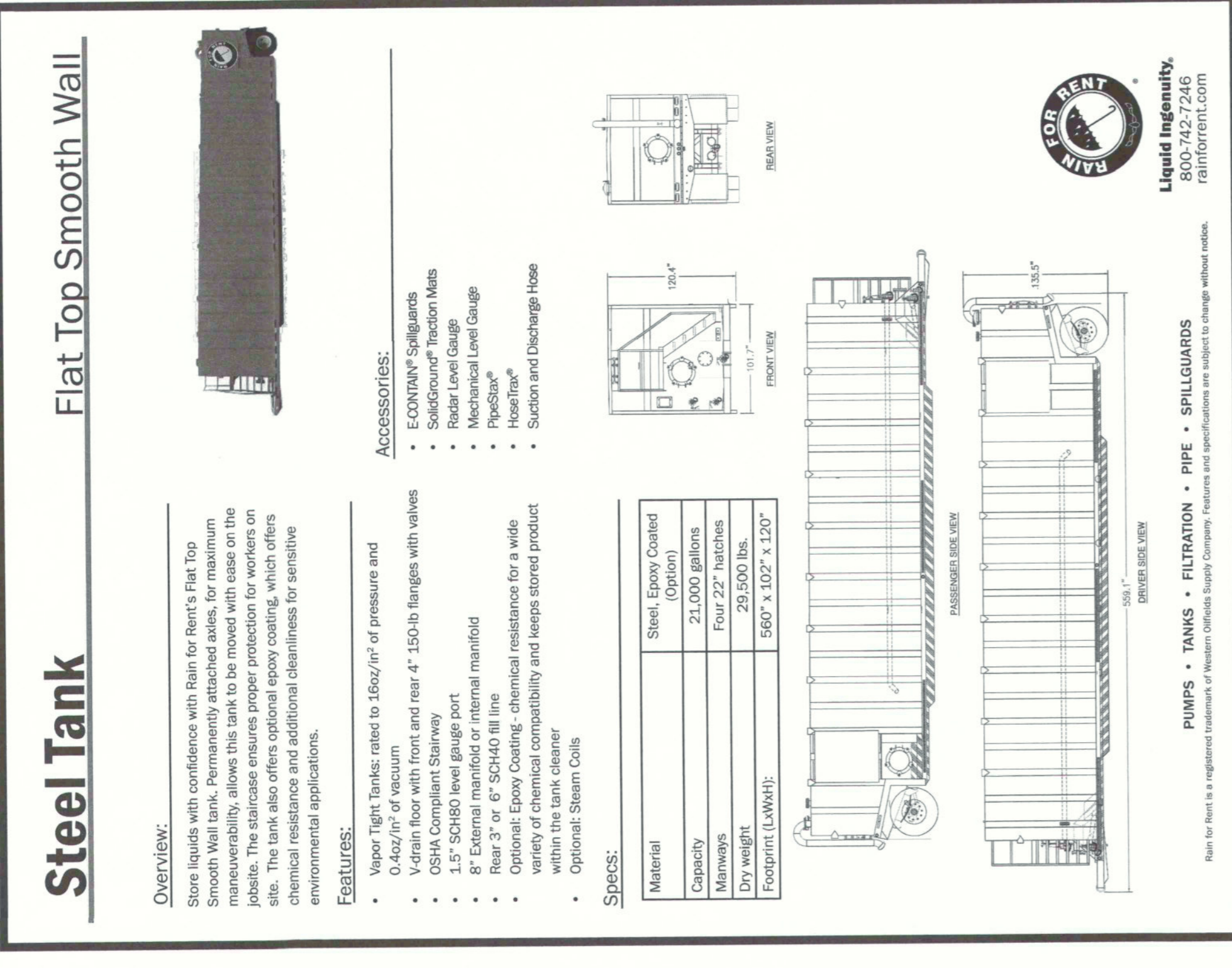


8 TREE PROTECTION - CONSTRUCTION FENCE
SCALE: NTS



9 BIOFILTER BAG AT CURB SPILLWAY
SCALE: NTS

NOTES:
1. TEMPORARY FENCE SHALL BE PLACED AT 15' MIN RADIUS FROM TRUNK OF TREE TO BE SAVED. FENCE SHALL BE 1.5' HIGH AND 1.5' WIDE. INSTALL FENCE POSTS USING T-POST ONLY. AVOID DRIVING POSTS OR STAPLES INTO BARKER ROOTS.
2. TREATMENT OF ROOTS EXPOSED DURING CONSTRUCTION: FOR ROOTS OVER 1" IN DIAMETER DAMAGED BY CONSTRUCTION, APPLY A 1" THICK LAYER OF MULCH OR SOIL OVER EXPOSED ROOTS. 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 STOCKING OF MATERIALS, VEHICULAR TRAFFIC, OR STORAGE OF EQUIPMENT OR MACHINERY SHALL BE ALLOWED WITHIN THE LIMITS OF THE FENCING.
4. WITHIN CLEARING/GRADING LIMITS OR AT THE EDGE OF THE CLEARING/GRADING LIMITS, TREE PROTECTION MAY BE INSTALLED AROUND GROUPS OF TREES.



CLIENT
**West Linn-Wilsonville
 School District**

22210 SW Stafford Rd., Tualatin, OR 97062

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PLEASE CHECK LOCAL ENTRY
 IS A MEMBER OF THE REGISTERED PROFESSIONAL ENGINEERS OF OREGON

ISSUES	DESCRIPTION	DATE
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A	PERMIT DRAWINGS	2/27/21:18

KEY PLAN

CONSULTANTS



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 www.ibigroup.com

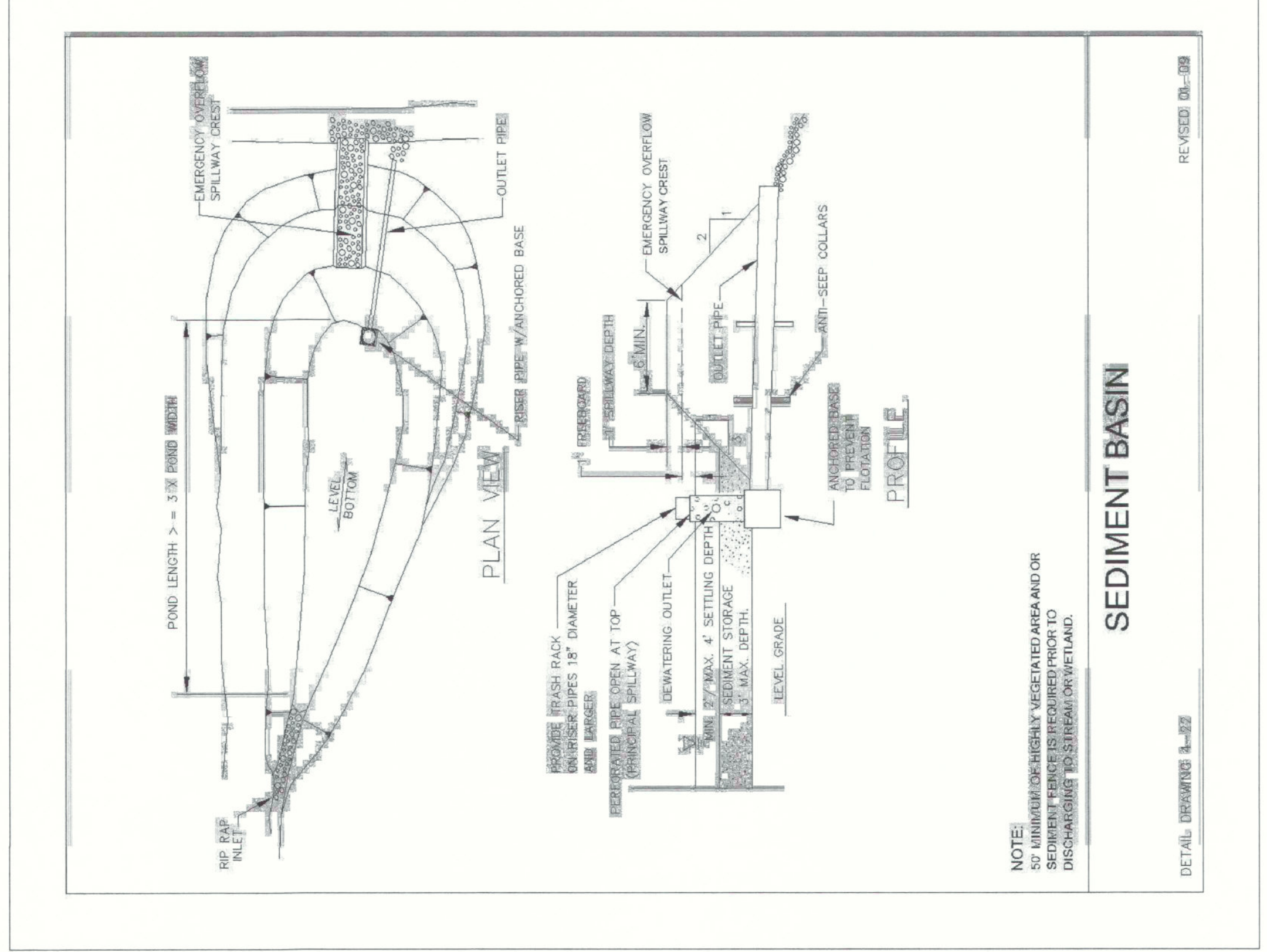
PROJECT
New Athey Creek Middle School
 945 Dollar Street
 West Linn, OR 97068

PROJECT NO.	CHECKED BY:
124738	XX
DRAWN BY:	APPROVED BY:
DP	DP

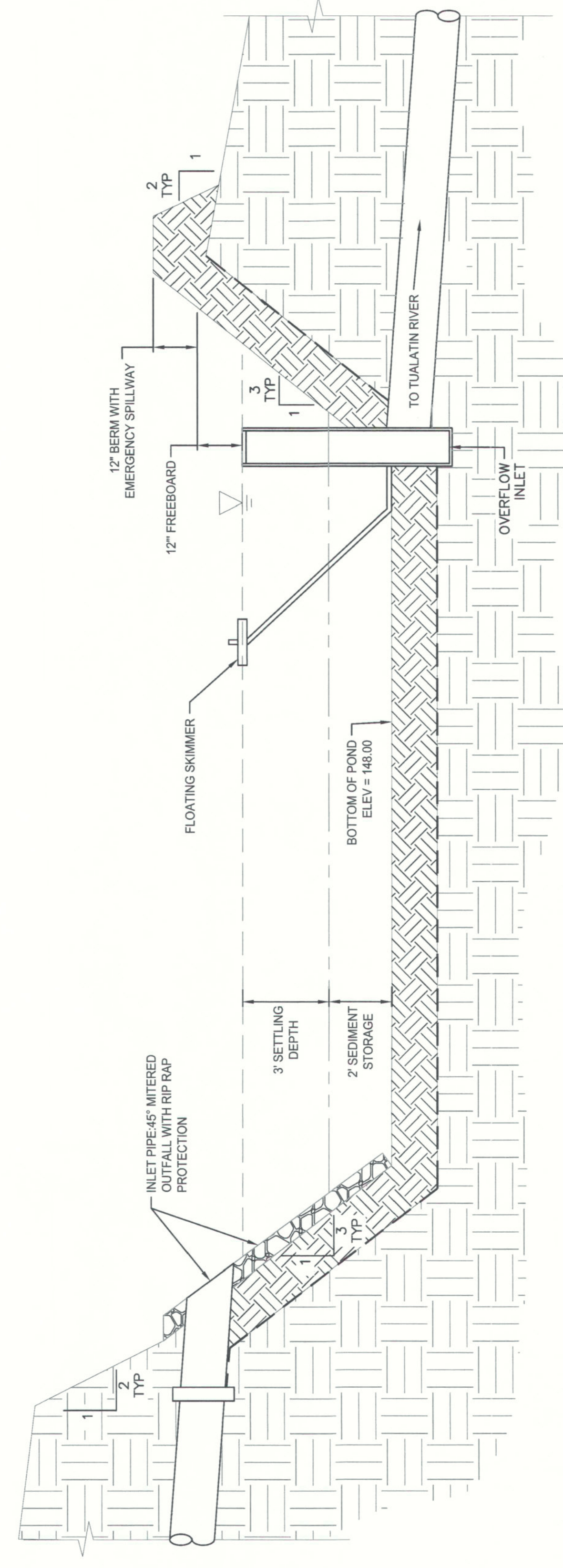
SHEET TITLE
**EROSION AND SEDIMENT
 CONTROL DETAILS**

SHEET NUMBER
CE4503

ISSUE
A



1 SEDIMENT BASIN
 SCALE: NTS



2 SEDIMENT BASIN
 SCALE: NTS