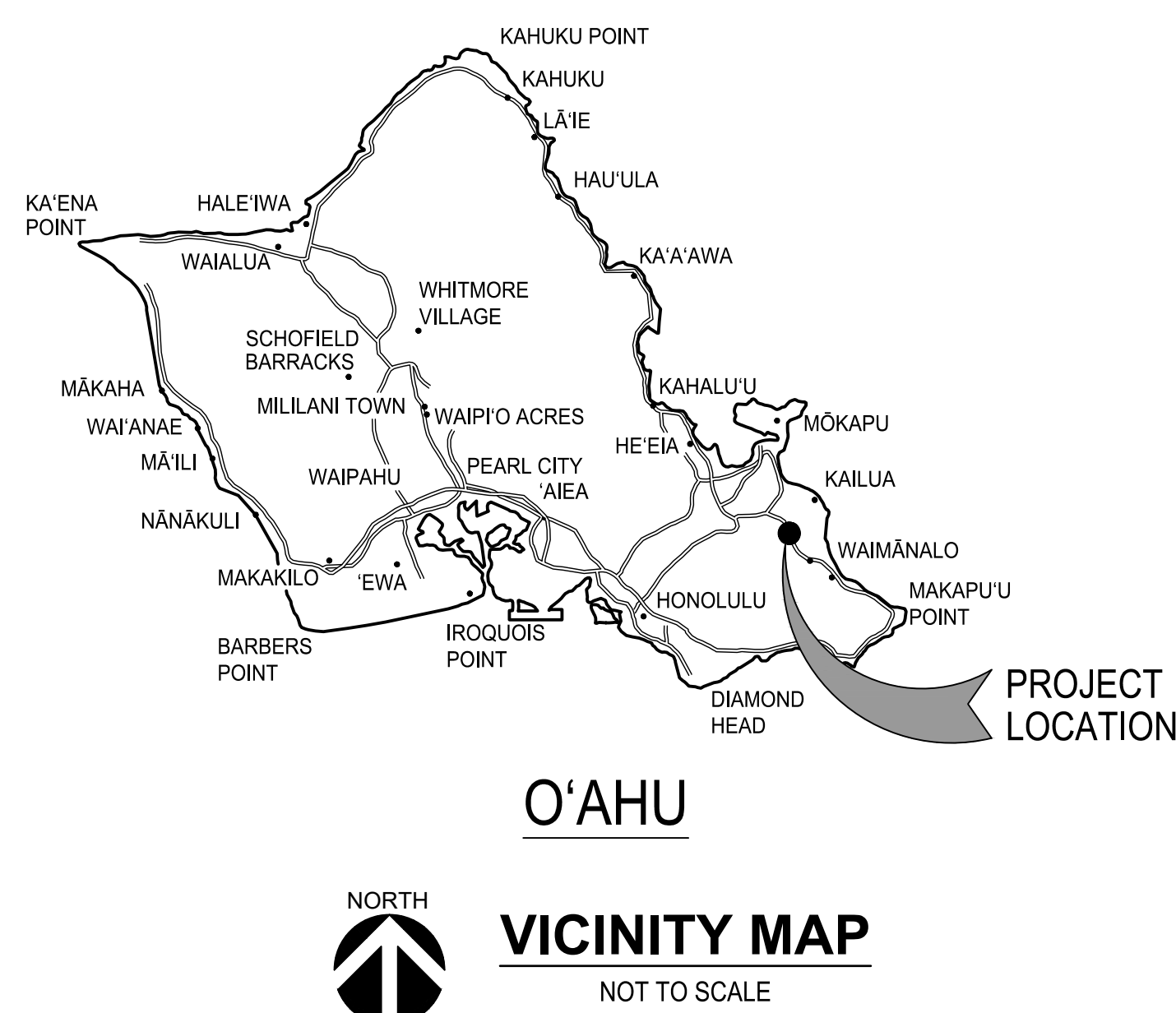
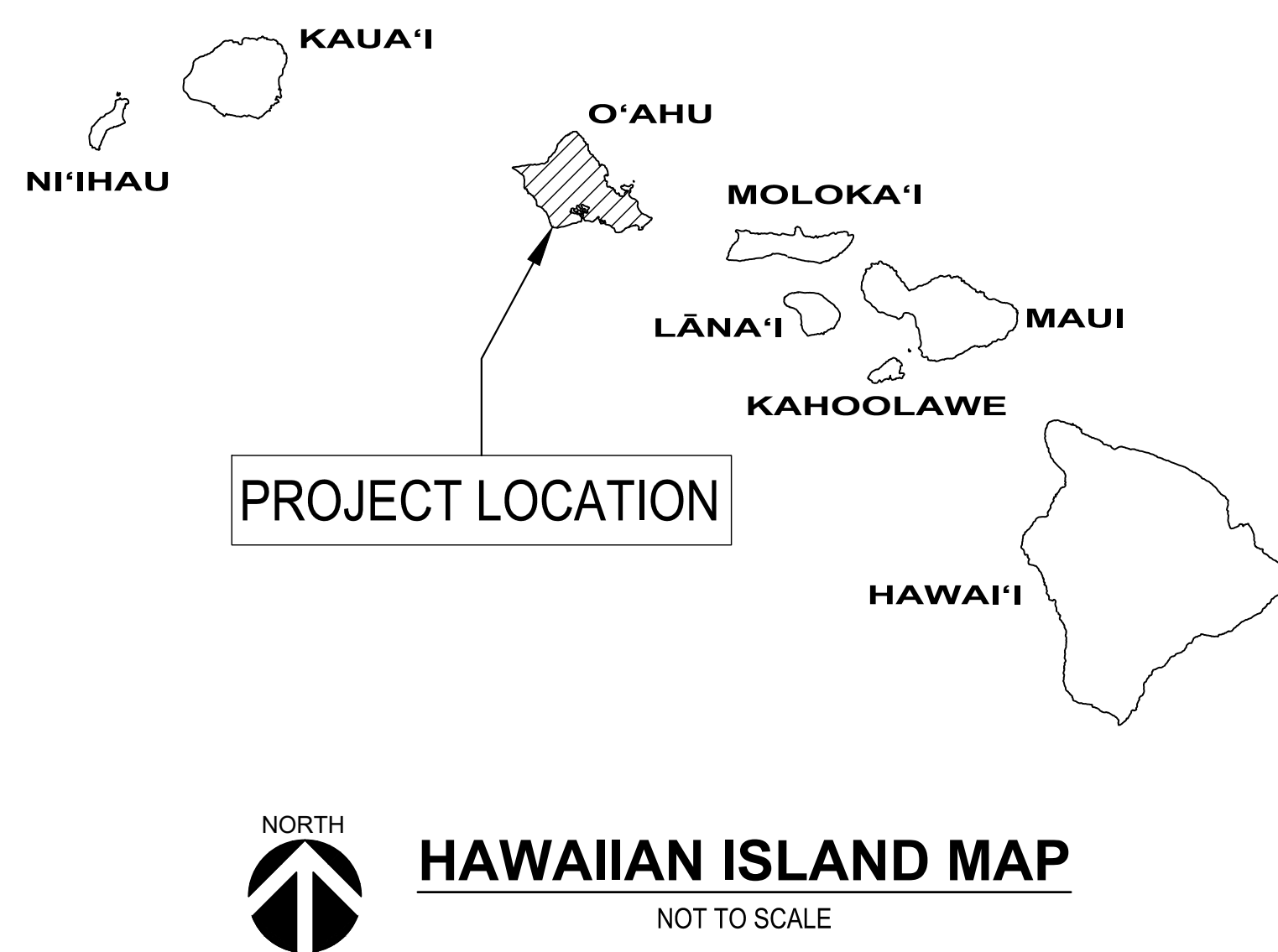


WOMEN'S COMMUNITY CORRECTIONAL CENTER
WO39 WCCC NEW ACCESS ROAD

DCR JOB NO: DCR 24-WCCC-0016
42-477 KALANIANA'OLE HIGHWAY
KAILUA, HAWAI'I, 96734
TAX MAP KEY (TMK): (1) 4-2-003: 004

FOR THE
DEPARTMENT OF CORRECTIONS AND REHABILITATION
STATE OF HAWAII



INDEX OF DRAWINGS

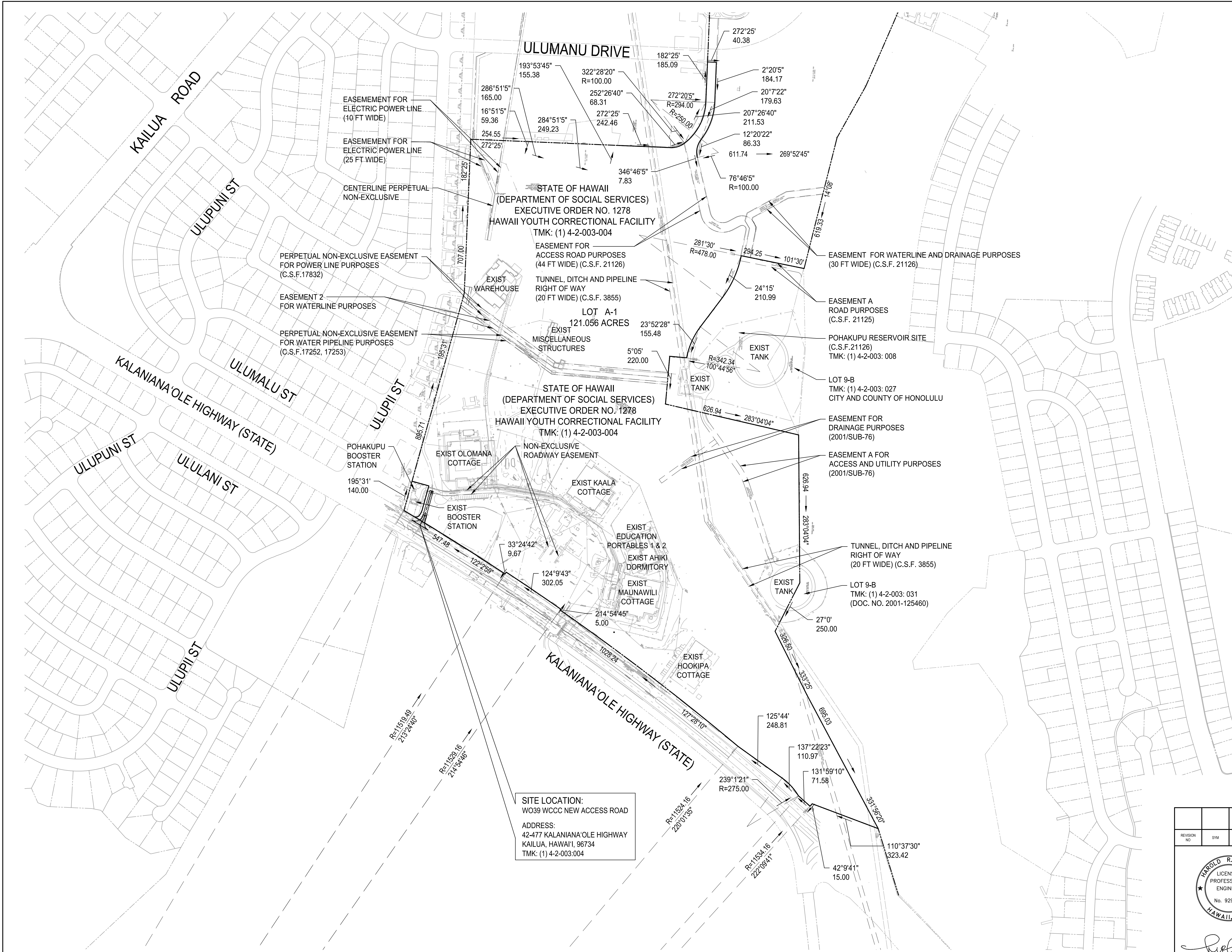
<u>DWG NO.</u>	<u>DESCRIPTION</u>
<u>GENERAL</u>	
001	TITLE SHEET
C01	PLOT PLAN
C02	CONSTRUCTION NOTES - 1 AND ABBREVIATIONS
C03	CONSTRUCTION NOTES - 2 AND LEGEND
C04	CONSTRUCTION NOTES - 3
C05	EROSION AND SEDIMENT CONTROL NOTES
C06	DEMOLITION AND EROSION AND SEDIMENT CONTROL PLAN (CATEGORY 1B)
C07	EROSION AND SEDIMENT CONTROL DETAILS
C08	SITE, GRADING AND DRAINAGE PLAN
C09	PROFILE - DRIVEWAY ACCESS ROAD "A"
C10	TYPICAL SECTION - DRIVEWAY ACCESS ROAD "A"
C11	MISCELLANEOUS DETAILS - 1
C12	MISCELLANEOUS DETAILS - 2
C13	TRAFFIC CONTROL PLAN - 1

APPROVED BY:

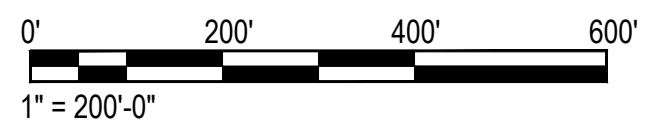
HIGHWAYS ADMINISTRATOR _____ DATE _____
STATE DEPARTMENT OF TRANSPORTATION (APPROVAL GRANTED FOR
WORK WITHIN STATE RIGHT-OF-WAY ONLY, ID NO. _____
LETTER OF APPROVAL NO. HWY-CM _____
DATED _____) _____

REVISION NO.	SYM	DESCRIPTION	SHEET OF	DATE	APPROVED:		
 							

DATE: September 17, 2026
FILE: WCCCR DCR Project 217438.00_ W039 WCCC Access Road D3 Graphics CAD Sheets 04_Plot Plan_b-k.dwg



PLOT PLAN
SCALE: 1" = 200'



REVISION NO.	SYN	DESCRIPTION	SHT. OF	DATE	APPROVED

Signature: *[Signature]*
Expiration Date: 04/30/2028

THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. OBSERVATION OF CONSTRUCTION SHALL BE DEFINED IN CHAPTER 115, HAWAII ADMINISTRATIVE RULES FOR PROFESSIONAL ARCHITECTS, ENGINEERS, SURVEYORS AND LANDSCAPE ARCHITECTS STATE OF HAWAII, SUBCHAPTER 1, SECTION 15-152 DEFINITIONS, EFFECTIVE 2009A1.

DEPT. OF CORRECTIONS AND REHABILITATION ADMINISTRATIVE SERVICE OFFICE STATE OF HAWAII	
WOMEN'S COMMUNITY CORRECTIONAL CENTER W039 WCCC NEW ACCESS ROAD TMK: (1) 4-2-003:004 42-477 KALANIANA'OLE HIGHWAY, KAILUA, HAWAII 96734	
KAILUA	OAHU
HAWAII	
PLOT PLAN	
BOWERS + KUBOTA CONSULTING	DCR JOB NO.
DESIGN BY: HC/CP	CHECKED BY: HRP
DRAWN BY: HCM/L	APPROVED BY: HRP
SCALE: AS NOTED	DATE: SEPTEMBER 2026
DRAWING NO. C01	SHEET 2 OF 14 SHEETS

FILE: _____ DRAWER: _____ FOLDER: _____ B+K PROJ. NO.: 21A7438.00

- THE CONTRACTOR SHALL INSTALL DEVICES AND UTILIZE BEST MANAGEMENT PRACTICES (BMPS) APPROPRIATE FOR THE PROJECT. THE CONTRACTOR SHALL REFERENCE THE HDOT'S CONSTRUCTION BEST MANAGEMENT PRACTICES FIELD MANUAL. A COPY OF THIS DOCUMENT SHALL BE KEPT ON THE PROJECT SITE AT ALL TIMES AND SHALL BE PRODUCED UPON REQUEST OF THE DISTRICT ENGINEER OR HIS DESIGNATED REPRESENTATIVE. THESE DOCUMENTS SHALL SERVE AS GUIDELINES ONLY, AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT SAFETY RELATIVE TO TRAFFIC, PONDING PROBLEMS, ETC. ARE CONSIDERED AND ADDRESSED. THIS WORK SHALL BE CONSIDERED PART OF THE PROJECT AND WILL NOT BE PAID FOR BY THE STATE.
2. THE CONTRACTOR SHALL CONSIDER AND INSTALL BMP MEASURES WHICH TAKE INTO ACCOUNT HIGH INTENSITY AND PROLONGED RAINFALL, AND TO ADDRESS THE POTENTIAL PROBLEMS THAT MAY RESULT.
3. ALL AREAS USED IN SUPPORT OF CONSTRUCTION ACTIVITIES DISTURBED OR DAMAGED BY THE CONTRACTOR, INCLUDING BUT NOT LIMITED TO, STAGING AREAS, CONSTRUCTION ENTRANCE/EXIT, AND TRAVEL ROUTES, SHALL BE TEMPORARILY STABILIZED DURING CONSTRUCTION IN ACCORDANCE WITH SECTION 209 OF THE 2005 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THESE AREAS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER AFTER THE COMPLETION OF CONSTRUCTION. DISTURBED AND EXPOSED AREAS SHALL BE PERMANENTLY STABILIZED USING VEGETATIVE COVER, PAVEMENT, OR EQUIVALENT TO MATCH PRE-EXISTING OR BETTER CONDITION AS APPROVED BY THE STATE.
4. FINAL STABILIZATION AND RESTORATION OF DISTURBED OR DAMAGED AREAS SHALL BEGIN IMMEDIATELY AS SOON AS CONSTRUCTION IS COMPLETED AND THE CONSTRUCTION SUPPORT AREAS ARE NO LONGER USED.
5. THE STATE RESERVES THE RIGHT TO DETERMINE THE APPROPRIATENESS AND ADEQUACY OF PROPOSED AND/OR IMPLEMENTED BMPS. ADDITIONAL BMP MEASURES REQUIRED BY THE STATE SHALL NOT BE PAID FOR BY THE STATE.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES AND/OR INJURIES RESULTING FROM THE BMPS.
7. THE CONTRACTOR SHALL DESIGNATE AT LEAST ONE (1) PERSON WHO WILL BE RESPONSIBLE FOR INSPECTION, MAINTENANCE, AND REPAIR ACTIVITIES. PERSONNEL SELECTED FOR THE INSPECTION AND MAINTENANCE RESPONSIBILITIES SHALL RECEIVE TRAINING FROM THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE. TRAINING SHALL INCLUDE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR MINIMIZING EROSION AND SEDIMENT AND FOR RETAINING SEDIMENT ON-SITE.
8. DISCHARGES INTO STATE WATERS DUE TO DEWATERING AND/OR HYDROTESTING ACTIVITIES REQUIRE SEPARATE NPDES PERMIT(S) FROM THE STATE DEPARTMENT OF HEALTH (DOH). IF THE CONTRACTOR CHOOSES TO DISCHARGE DEWATERING AND/OR HYDROTESTING EFFLUENT INTO STATE WATERS, HE SHALL OBTAIN THE NECESSARY PERMIT(S) FROM THE DOH AND SHALL SUBMIT A COMPLETE SET OF THE PERMIT TO THE DEPARTMENT OF TRANSPORTATION, HIGHWAYS DIVISION, MAUI DISTRICT (HWY-M) PRIOR TO COMMENCING THE PERMITTED ACTIVITY. NO WATERING AND/OR HYDROTESTING ACTIVITIES WILL BE AUTHORIZED UNTIL THE RECEIPT OF THE NPDES PERMIT(S) FROM THE DOH.
10. THE CONTRACTOR MAY DISCUSS THE PROPOSED AND IMPLEMENTED BMP MEASURES AND THE ADEQUACY OF THEM, WITH THE DISTRICT ENGINEER.

- SILT FENCES
- STABILIZED CONSTRUCTION ENTRANCE/EXIT
- INLET PROTECTION
- COVERINGS
- VEGETATIVE STABILIZATION
- HYDRO MULCHING
- FILTER BERMS
- SEDIMENT TRAPS
- SEDIMENT BASINS

- REPAIRS AND MAINTENANCE MAY INCLUDE THE FOLLOWING:

- A. REPLACING SILT FENCE FABRIC WHEN TEARS ARE FOUND AND ENSURING THAT THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS AND FIRMLY IN THE GROUND.
 - B. REMOVING AND DISPOSING OF SEDIMENT MATERIAL WHEN SEDIMENT BUILD-UP REACHES ONE-THIRD (1/3) THE HEIGHT OF THE SEDIMENT CONTROL MEASURE.
 - C. REMOVING AND DISPOSING OF SEDIMENT MATERIAL WHEN THE DEPTH IN A SEDIMENT BASIN REACHES TEN PERCENT (10%) OF THE DESIGN CAPACITY.
 - D. RESTORING BARE SPOTS AND WASHOUTS AND ENSURING HEALTHY PLANT GROWTH IN BOTH TEMPORARY AND PERMANENT SEEDED AND PLANTED AREAS.
3. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO INSTALL STRUCTURAL BMPs AS NEAR THE POLLUTANT SOURCE AS PRACTICABLE. INLET PROTECTION SHALL SERVE AS THE LAST MEASURE TO PREVENT POLLUTANTS FROM ENTERING THE STORM DRAIN SYSTEM.

ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED, LEAKPROOF METAL DUMPSTER. ALL DUMPSTERS AT THE PROJECT SITE SHALL BE EMPTIED A MINIMUM OF ONCE PER WEEK, AND MORE OFTEN, IF NECESSARY. NO CONSTRUCTION MATERIALS SHALL BE BURIED ON-SITE. THE CONTRACTOR, AT HIS EXPENSE SHALL TRAIN SUPERVISORY PERSONNEL IN THE CORRECT PROCEDURES FOR WASTE DISPOSAL.

B. HAZARDOUS WASTE
ALL HAZARDOUS WASTE MATERIAL SHALL BE DISPOSED OF IN A MANNER PERMITTED BY LOCAL, STATE OR FEDERAL REGULATIONS.

C. SANITARY WASTE
ALL SANITARY WASTE SHALL BE COLLECTED FROM PORTABLE RESTROOM FACILITIES A MINIMUM OF ONCE PER WEEK, AND MORE OFTEN, IF NECESSARY.

- A. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED DAILY PRIOR TO AND AFTER EACH DAY'S CONSTRUCTION, ESPECIALLY DURING HEAVY RAINFALL.
- B. ALL CONTROL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT SHALL BE INITIATED WITHIN 24 HOURS OF THE PROBLEM BEING DISCOVERED.
- C. THE FINAL LIFT OF EACH DAY'S WORK SHALL BE COMPACTED TO PREVENT EROSION OF FILL MATERIAL.
- D. ENSURE THAT ALL TIRES OF CONSTRUCTION VEHICLES ARE SUFFICIENTLY CLEANED OFF SO THAT DIRT OR DEBRIS IS NOT TRACKED OFF THE CONSTRUCTION SITE. WASHING OFF TIRES WITH WATER WILL NOT BE ACCEPTABLE UNLESS THE RUNOFF IS COMPLETELY CONTAINED AND DOES NOT ENTER THE STORM DRAIN SYSTEM OR INTO THE STATE'S RIGHT OF WAY.
- F. AT THE END OF GRADING OPERATIONS AND AT THE COMPLETION OF THE PROJECT THE CONTRACTOR SHALL INSPECT ALL DRAINAGE STRUCTURES SURROUNDING THE PROJECT SITE. ANY ACCUMULATED SEDIMENT AND DEBRIS FOUND IN THE DRAINAGE STRUCTURES SHALL BE REMOVED.
- G. ANY DIRT OR GRASSSED AREA DISTURBED SHALL BE RESTORED BY RE-GRASSING THE AREA OR BY SEEDING HYDROMULCH. THE GRASS SHALL BE FULLY ESTABLISHED AT COMPLETION OF PROJECT.

A. THE FOLLOWING MATERIAL MANAGEMENT PRACTICES SHALL BE FOLLOWED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIAL AND SUBSTANCES TO STORMWATER RUNOFF AND DISCHARGE.

- MATERIALS THAT MAY BECOME POTENTIAL POLLUTANTS THAT ARE STORED OUTSIDE SHALL BE STORED IN A NEAT AND ORDERLY MANNER IN THEIR ORIGINAL CONTAINERS, AND IF POSSIBLE, COVERED OR ENCLOSED.

- WHENEVER POSSIBLE, USE ALL OF A PRODUCT PRIOR TO DISPOSING OF THE CONTAINER.

- DUST SHALL BE CONTROLLED BY WETTING OR BY THE APPLICATION OF A SOIL BINDER.

- ALL HAZARDOUS WASTE MATERILA SHALL BE DISPOSED OF IN A MANNER PERMITTED BY LOCAL, STATE OR FEDERAL REGULATIONS.

PETROLEUM PRODUCTS SHALL BE STORED IN TIGHTLY SEALED CONTAINERS THAT SHALL BE CLEARLY LABELED. ASPHALT-CONTAINING MATERIALS (SUCH AS TACK AND PRIME COATS) USED ON-SITE SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S DIRECTIONS.

CONCRETE TRUCKS SHALL DISCHARGE DRUM WASH WATER ONLY AT DESIGNATED SITES. WASH WATER SHALL NOT BE DISCHARGED TO THE STORM DRAIN SYSTEM. THE CONTRACTOR SHALL CONTAIN THE DISCHARGE DRUM WASH WATER AT THE DESIGNATED SITE AND SHALL REMOVE CONCRETE AND OTHER RESIDUE AS REQUIRED BY THE ENGINEER.

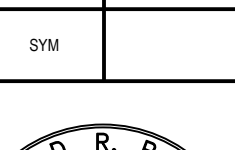
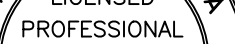
MANUFACTURER'S RECOMMENDATIONS FOR SPILL CLEANUP SHALL BE CLEARLY POSTED, AND SITE PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES AND LOCATION OF CLEANUP SUPPLIES.

ALL SPILL AREAS SHALL BE KEPT WELL VENTILATED, AND CLEANUP PERSONNEL SHALL WEAR APPROPRIATE CLOTHING AND EQUIPMENT.

HAZARDOUS MATERIALS SPILLS, REGARDLESS OF SIZE, SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER. A REPORT SHALL BE PREPARED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL IN THE FUTURE, AND HOW TO CLEANUP SUCH A SPILL. A DESCRIPTION OF THE SPILL, THE CAUSE, AND THE CLEANUP MEASURE UNDERTAKEN SHALL ALSO BE INCLUDED IN THE REPORT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SPILL PREVENTION AND CLEANUP. HE SHALL DESIGNATE AT LEAST ONE ON-SITE PERSONNEL TO RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THE CONTRACTOR, AT HIS EXPENSE, SHALL DO TRAINING. THE NAME OF THIS PERSON SHALL BE POSTED IN THE MATERIAL STORAGE AREA AND IN THE ON-SITE OFFICE TRAILER.

WHERE A LEAK, SPILL OR OTHER RELEASE CONTAINING A HAZARDOUS SUBSTANCE OR OIL IN AN AMOUNT EQUAL TO OR IN EXCESS OF A REPORTABLE QUANTITY ESTABLISHED UNDER EITHER 40 CFR PART 110, 40 CFR PART 117, OR 40CFR PART 302, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AS SOON AS THE CONTRACTOR HAS KNOWLEDGE OF THE DISCHARGE. NOTE THAT THE REPORTABLE QUANTITY FOR OIL AND FUEL PRODUCTS IS A SPILL OF 25 GALLONS OR MORE, A SPILL NOT CLEANED WITHIN 72 HOURS, OR A SPILL THAT THREATENS GROUND OR SURFACE WATERS. THE ENGINEER WILL NOTIFY THE NATIONAL RESPONSE CENTER (NRC) AT (808) 424-8802, THE DOH CLEAN WATER BRANCH AT (808) 586-4309, THE DOH CLEAN WATER BRANCH VIA EMAIL AT cleanwaterbranch@doh.hawaii.gov (DURING NON-BUSINESS HOURS), THE DOH HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE AT (808) 586-4249, THE U.S. COAST GUARD MAUI STATION OFFICE AT (808) 986-0023, AND THE LOCAL EMERGENCY PLANNING COMMITTEE AT (808) 720-7285. THE CONTRACTOR SHALL ALSO PROVIDE TO THE ENGINEER WITHIN 1 CALENDAR DAY OF KNOWLEDGE OF THE RELEASE, THE CIRCUMSTANCES LEADING TO THE RELEASE, AND THE DATE OF THE RELEASE. THE ENGINEER WILL PROVIDE INFORMATION TO THE NRC AS REQUIRED.

REVISION NO	SYM	DESCRIPTION	SHEET OF	DATE	APPROVED
			DEPT. OF CORRECTIONS AND REHABILITATION ADMINISTRATIVE SERVICE OFFICE STATE OF HAWAII		
			WOMEN'S COMMUNITY CORRECTIONAL CENTER W039 WCCB NEW ACCESS ROAD TMC: (1) 42-003/004 42-477 KALANIAN'OLE HIGHWAY, KAILUA, HAWAII 96734		
			EROSION CONTROL AND BMP NOTES FOR WORK WITHIN STATE RIGHT-OF-WAY		
			BOWERS + KUBOTA CONSULTING DCR JOB NO. _____ DCR 24-WCCC-0016		
04/30/2025 Expiration Date of the License Signature: 			DRAWING NO. C04		
THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. OBSERVATION OF CONSTRUCTION SHALL BE FURNISHED CHAPTER 115, HAWAII CONSTITUTIONAL RULES FOR PROFESSIONAL ARCHITECTS, ENGINEERS, SURVEYORS AND LANDSCAPE ARCHITECTS, STATE OF HAWAII, SUBCHAPTER 1, SECTION 16-115-2, DEFINITIONS, EFFECTIVE 6/20/04.			SHEET 5 DATE SEPTEMBER 2026 OF 14 SHEETS		
SCALE: AS NOTED					

1. THE CONTRACTOR SHALL FOLLOW THE GUIDELINES IN THE CITY AND COUNTY OF HONOLULU'S "RULES RELATING TO WATER QUALITY".
2. MEASURES TO CONTROL EROSION AND OTHER POLLUTANTS SHALL BE IN PLACE BEFORE ANY EARTHWORK IS INITIATED.
3. SLOPE PROTECTION
SLOPE PROTECTION IS REQUIRED ON AREAS WITH SLOPES GREATER THAN 15% AND ON AREAS OF MODERATE SLOPE THAT ARE PRONE TO EROSION UNLESS THEY ARE BEING ACTIVELY WORKED. USE DIVERSION UPSTREAM OF SLOPE (DIKES, SWALES, SLOPE DRAINS) TO DIVERT WATER AROUND THE SLOPE. PROVIDE A 10-FT BUFFER ZONE AT THE TOE OF SLOPE. ONLY 5 ACRES MAY BE DISTURBED AT ANYTIME ON SLOPES GREATER THAN 15%.
4. TEMPORARY STABILIZATION
TEMPORARY STABILIZATION IS REQUIRED ON DISTURBED AREAS WHICH ARE AT FINAL GRADE OR WHEN THE DISTURBED AREA WILL NOT BE WORKED FOR 14 CONSECUTIVE DAYS OR MORE.
5. PERMANENT STABILIZATION
ALL DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED USING VEGETATIVE COVERING, PAVEMENT, OR EQUIVALENT, PRIOR TO REMOVING EROSION AND SEDIMENT MEASURES. TRAPPED SEDIMENT AND AREAS OF DISTURBED SOIL WHICH RESULT FROM THE REMOVAL OF THE TEMPORARY MEASURES SHALL BE IMMEDIATELY AND PERMANENTLY STABILIZED.
6. PRESERVE EXISTING VEGETATION CLEARLY MARK THE AREAS TO BE PRESERVED WITH FLAGS OR TEMPORARY FENCING. WHERE TEMPORARY FENCING IS USED, FENCING MUST BE ADEQUATELY SUPPORTED BY POSTS AND MAINTAINED IN AN UPRIGHT POSITION.
7. MINIMIZE SOIL COMPACTION AREAS WHERE FINAL STABILIZATION OR INFILTRATION PRACTICES WILL BE INSTALLED SHALL BE PROTECTED FROM EXCESSIVE COMPACTION DURING CONSTRUCTION. VEHICLE AND EQUIPMENT USE SHALL BE RESTRICTED OR TECHNIQUES TO CONDITION THE SOILS TO SUPPORT VEGETATION SHALL BE IMPLEMENTED IN THE AREAS THAT HAVE BEEN COMPACTED AND ARE DESIGNATED TO REMAIN VEGETATIVE OR POST-CONSTRUCTION INFILTRATION AREAS. CLEARLY MARK THE AREAS TO BE AVOIDED WITH FLAGS OR TEMPORARY FENCING. WHERE TEMPORARY FENCING IS USED, FENCING MUST BE ADEQUATELY SUPPORTED BY POSTS AND MAINTAINED IN AN UPRIGHT POSITION.
8. PERIMETER CONTROLS
PERIMETER CONTROLS ARE REQUIRED DOWNSLOPE OF ALL DISTURBED AREAS. MAINTAIN DOWNSTREAM VEGETATED BUFFER AREA
9. INLET PROTECTION
 - ALL STORM DRAIN INLETS ONSITE AND THOSE OFFSITE WHICH MAY RECEIVE RUNOFF FROM THE SITE SHALL USE AN INLET PROTECTION DEVICE UNLESS THEY ARE DIRECTED TO A SEDIMENT BASIN.
 - SEDIMENT LEVELS MAY NOT EXCEED ONE THIRD OF THE HEIGHT OF A INLET PROTECTION DEVICE AT ANY POINT ALONG THE LENGTH OF THE INLET PROTECTION DEVICE.
 - INLET DEVICES MUST BE UNCLOGGED AND CLEANED WHEN PERFORMANCE IS COMPROMISED.
 - TORN, WEATHERED OR SAGGING INLET PROTECTION DEVICES MUST BE REPAIRED OR REPLACED IMMEDIATELY.
10. SEDIMENT TRAPS
SEDIMENT TRAPS MUST BE KEPT IN EFFECTIVE OPERATING CONDITION AND SEDIMENT SHALL BE REMOVED TO MAINTAIN AT LEAST ONE THIRD OF THE DESIGN CAPACITY AT ALL TIMES.
11. TRACKING CONTROL
 - MINIMIZE SEDIMENT TRACK-OUT ONTO OFF-SITE STREETS, OTHER PAVED AREAS, AND SIDEWALKS FROM VEHICLES EXITING THE CONSTRUCTION SITE BY RESTRICTING VEHICLE TRAFFIC TO PROPERLY DESIGNATED AREAS AND USING ADDITIONAL CONTROLS TO REMOVE SEDIMENT FROM VEHICLE TIRES PRIOR TO EXITING THE SITE.
 - VEHICULAR PARKING AND MOVEMENTS ON PROJECT SITES MUST BE CONFINED TO PAVED SURFACES OR PREDEFINED PARKING AREAS AND VEHICLE PATHS, WHICH SHALL BE MARKED WITH FLAGS OR BOUNDARY FENCING.
 - ALL POLLUTANTS AND MATERIALS THAT ARE DROPPED, WASHED, TRACKED, SPILLED, OR OTHERWISE DISCHARGED FROM A PROJECT SITE TO OFF-SITE STREETS, OTHER PAVED AREAS, SIDEWALKS OR THE MS4 MUST BE CLEANED USING DRY METHODS SUCH AS SWEEPING OR VACUUMING.
 - WASHING POLLUTANTS AND MATERIALS THAT ARE DISCHARGED FROM THE PROJECT SITE TO THE MS4 INTO DRAIN INLETS OR CATCH BASINS IS PROHIBITED UNLESS THE MATERIAL IS SEDIMENT AND THE INLETS ARE DIRECTED TO A SEDIMENT BASIN OR SEDIMENT TRAP.
12. BEST MANAGEMENT PRACTICES (BMPs) SHALL NOT BE REMOVED UNTIL FINAL STABILIZATION IS COMPLETE FOR THAT PHASE.
13. REFER TO CITY AND COUNTY OF HONOLULU BEST MANAGEMENT PRACTICES MANUAL – CONSTRUCTION AND HDOT BMP MANUAL, FOR MORE INFORMATION ON BMPs.
14. THE FOLLOWING BMPs WERE DETERMINED TO NOT BE APPLICABLE BASED ON THE SITE SPECIFIC CONDITIONS. A BRIEF EXPLANATION OF WHY EACH OMITTED BMP IS UNNECESSARY OR IMPRACTICABLE HAS BEEN PROVIDED UNDER SEPARATE DOCUMENTATION TO DPP. AS CONSTRUCTION PROGRESSES, REVISION MAY BE NECESSARY AND WILL BE PROVIDED TO DPP INSPECTORS.
 - BUFFER ZONES
 - DIVERSION BMPs TO DIVERT RUNOFF FROM UPSTREAM AREAS AROUND DISTURBED AREAS OF THE SITE.
 - SEDIMENT BARRIER.
 - SEDIMENT BASINS.
15. THE OWNER OF THE PROPERTY OR THEIR AUTHORIZED AGENT MUST BE DESIGNATE A PERSON RESPONSIBLE FOR IMPLEMENTING THE ESCP AT THE PROJECT SITE ("ESCP COORDINATOR") PRIOR TO PERMIT ISSUANCE USING THE FORM PROVIDED AS APPENDIX "A" TO THE RULES RELATING TO WATER QUALITY.
16. THE CONTRACTOR SHALL COMPLY WITH THE PROJECT SCHEDULE REQUIREMENTS NOTED IN THE CITY'S RULES RELATING TO WATER QUALITY, AND SUBMIT A SCHEDULE START DATE TWO (2) WEEKS PRIOR TO COMMENCEMENT.
17. THE CONTRACTOR SHALL MONITOR THE ROADWAY THROUGHOUT THE DAY. ANY DIRT AND DEBRIS ON THE ROADWAY SHALL BE CLEANED IMMEDIATELY.

PROJECT SEQUENCE:

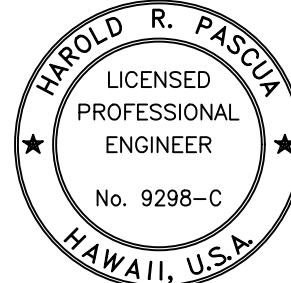
1. INSTALL PERIMETER CONTROL, DRAIN INLET PROTECTION AND STABILIZED CONSTRUCTION ENTRANCE.
2. CLEAR, GRUB AND GRADE THE SITE IN THREE PHASES IN NUMERICAL ORDER BEGINNING WITH PHASE 1. ONLY ONE PHASE SHALL BE WORKED AT ANY TIME AND TEMPORARILY STABILIZED BEFORE PROCEEDING WITH THE NEXT PHASE. INSTALL SEDIMENT TRAPS PRIOR TO STARTING WITH PHASE 2. BMPs SHALL BE MAINTAINED AS NEEDED TO KEEP THEM EFFECTIVE AT ALL TIMES.
3. INITIATE STABILIZATION OF STEEP SLOPES (<15%) BY HYDROSEEDING AS SOON AS GRADING IS COMPLETED ON THOSE AREAS.
4. PROCEED WITH CONSTRUCTION WITH LEAST POSSIBLE DISTURBANCE OF VEGETATIVE AREAS AND TEMPORARY STRUCTURES.
5. PLANT PERMANENT GROUND COVER TO NON-PAVED AREAS AS SOON AS POSSIBLE.
6. REMOVE OR DISMANTLE TEMPORARY EROSION CONTROL STRUCTURES AFTER FULL ESTABLISHMENT OF PERMANENT VEGETATIVE COVER.
7. PRACTICE GOOD HOUSEKEEPING MEASURES THROUGHOUT THE DURATION OF CONSTRUCTION.
8. INSPECTION WILL BE PERFORMED WEEKLY.

1. TEMPORARY SUSPENSION OF ACTIVE GRADING.
2. INSPECT ALL SEDIMENT TRAPS, TEMPORARY DITCHES/SWALES, PERIMETER CONTROLS, AND INLET PROTECTION DEVICES, AND MAINTAIN AS NEEDED. REINSTALL ANY PERIMETER CONTROLS THAT WERE REMOVED DUE TO ACTIVE WORK IN THE AREA. IF A SEVERE STORM IS EXPECTED, REMOVE INLET PROTECTION DEVICES TO PREVENT FLOODING ON SURROUNDING STREETS.
3. COVER OR RELOCATE MATERIAL STOCKPILES AND LIQUID MATERIAL CONTAINERS TO AVOID CONTACT WITH RAINWATER.
4. PLACE SPILL PANS OR OIL-ONLY SPILL PADS UNDER CONSTRUCTION VEHICLES TO PREVENT RUNOFF FROM CONTACTING ANY SPILLED PETROLEUM PRODUCTS. PROPERLY DISPOSE OF ANY ACCUMULATED OILY WATER AFTER THE RAIN EVENT.
5. RE-INSPECT AFTER THE APPROACHING HEAVY RAINS, TROPICAL STORM OR HURRICANE AND REPLACE OR MAINTAIN BMPs AS NEEDED.

1. STREET SWEEPING AND VACUUMING: ALL POLLUTANTS DISCHARGED FROM CONSTRUCTION SITE TO OFF-SITE AREAS MUST BE SWEEPED OR VACUUMED EACH DAY BEFORE LEAVING THE JOB SITE.
2. MATERIALS DELIVERY, STORAGE AND USE MANAGEMENT: PREVENT, REDUCE, OR ELIMINATE THE DISCHARGE OF POLLUTANTS FROM MATERIAL DELIVERY, STORAGE, AND USE TO THE STORM WATER SYSTEM OR WATERCOURSES BY MINIMIZING THE STORAGE OF HAZARDOUS MATERIALS ONSITE, STORING MATERIALS IN A DESIGNATED AREA, INSTALLING SECONDARY CONTAINMENT, CONSTRUCTION MATERIALS, WASTE, TOXIC AND HAZARDOUS SUBSTANCES, STOCKPILES AND OTHER SOURCES OF POLLUTION SHALL NOT BE STORED NEAR AREAS OF CONCENTRATED FLOW, OR AREAS ABUTTING THE MS4, RECEIVING WATERS, OR DRAINAGE IMPROVEMENTS THAT DISCHARGE OFF-SITE. PRIMARY AND SECONDARY CONTAINMENT CONTROLS AND COVERS SHALL BE IMPLEMENTED TO THE MEP.
3. SPILL PREVENTION AND CONTROL: CREATE AND IMPLEMENT SPILL PREVENTION AND RESPONSE PLANS TO ELIMINATE AND MINIMIZE THE DISCHARGE OF POLLUTANTS TO THE MS4 AND RECEIVING WATERS FROM LEAKS AND SPILLS BY REDUCING THE CHANCE FOR SPILLS, ABSORBING, CONTAINING, AND CLEANING UP SPILLS AND PROPERLY DISPOSING OF SPILL MATERIALS. AT A MINIMUM, ALL PROJECTS SHALL CLEANUP ALL LEAKS AND SPILLS IMMEDIATELY.
4. HAZARDOUS MATERIALS: PREVENT OR REDUCE THE DISCHARGE OF POLLUTANTS TO STORM WATER FROM HAZARDOUS WASTE THROUGH PROPER MATERIAL USE AND WASTE DISPOSAL. IN THE EVENT THAT HAZARDOUS MATERIALS ARE DISCHARGED TO THE MS4, THE PROPERTY OWNER OR ESCP COORDINATOR SHALL IMMEDIATELY NOTIFY THE DEPARTMENT OF FACILITIES MAINTENANCE, HONOLULU FIRE DEPARTMENT, AND HONOLULU POLICE DEPARTMENT OF THE DISCHARGE BY TELEPHONE. A WRITTEN REPORT DESCRIBING THE POLLUTANTS THAT WERE DISCHARGED, THE REASONS FOR THE DISCHARGE, AND THE MEASURES THAT HAVE BEEN TAKEN OR WILL BE TAKEN TO PREVENT A REOCCURRENCE OF THE DISCHARGE SHALL BE SUBMITTED TO THE DIRECTOR NO LESS THAN 3 DAYS AFTER NOTIFICATION BY PHONE.

13. CONCRETE WASTE MANAGEMENT: PREVENT OR REDUCE THE DISCHARGE OF POLLUTANTS TO STORMS WATER FROM CONCRETE WASTE BY CONDUCTING WASHOUT OFF-SITE OR PERFORMING ONSITE WASHOUT IN A DESIGNATED AREA CONSTRUCTED AND MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS. PLASTIC LINING MATERIAL SHOULD BE A MINIMUM OF 10 MILLIMETER POLYETHYLENE SHEETING AND SHOULD BE FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COMPROMISE THE IMPERMEABILITY OF THE MATERIAL. CONTAINMENT AREAS OR DEVICES SHOULD NOT BE LOCATED WHERE ACCIDENTAL RELEASE OF THE CONTAINED LIQUID CAN DISCHARGE TO WATER BODIES, CHANNELS, OR STORM DRAINS. WASHOUT FACILITIES MUST BE CLEANED, OR NEW FACILITIES MUST BE CONSTRUCTED AND READY FOR USE ONCE THE WASHOUT IS 75 PERCENT FULL. ONCE CONCRETE WASTES ARE WASHED INTO THE DESIGNATED AREA AND ALLOWED TO HARDEN, THE CONCRETE SHOULD BE BROKEN UP, REMOVED, AND DISPOSED OF AS SOLID WASTES.
14. CONTAMINATED SOIL MANAGEMENT: AT A MINIMUM, CONTAIN CONTAMINATED MATERIAL SOIL BY SURROUNDING WITH IMPERMEABLE LINED BERMS OR COVER EXPOSED CONTAMINATED MATERIAL WITH PLASTIC SHEETING. CONTAMINATED SOIL SHOULD BE DISPOSED OF PROPERLY IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
15. DUST CONTROL: DUST FROM THE PROJECT SITE/AREA SHALL NOT BE TRANSPORTED OR DISCHARGED TO OFF-SITE AREA.
16. BMP AND SITE MAINTENANCE: THE CONTRACTOR SHALL CHECK ALL TEMPORARY EROSION CONTROL MEASURES AND REPAIR AS NECESSARY.
17. DEWATERING OPERATIONS: DE-WATERING OPERATIONS ARE PRACTICES THAT MANAGE THE DISCHARGE OF POLLUTANTS WHEN NON-STORM WATER AND ACCUMULATED PRECIPITATION MUST BE REMOVED FROM A WORK LOCATION SO SEDIMENT BASINS, SEDIMENT TRAPS, WEIR TANKS, DEWATERING TANKS, FILTRATION SYSTEMS, OR OTHER MANUFACTURED SYSTEMS. DEWATERING NON-STORM WATER CANNOT BE DISCHARGED FROM THE SITE WITHOUT PRIOR NOTICE TO AND APPROVAL FROM DOH.
18. THE FINAL LIFT OF EACH DAY'S WORK SHALL BE COMPACTED TO PREVENT EROSION OF FILL MATERIAL.
19. AT THE END OF GRADING OPERATIONS AND AT THE COMPLETION OF PROJECT, CONTRACTOR SHALL INSPECT ALL CATCH BASIN, DRAIN INLET AND DRAIN MANHOLE SURROUNDING THE PROJECT SITE. ANY ACCUMULATED SEDIMENT AND DEBRIS FOUND IN THE STORM DRAIN STRUCTURES SHALL BE REMOVED. PLEASE NOTE THAT FLUSHING INTO THE DRAIN STRUCTURES ARE PROHIBITED.
20. ANY DIRT OR GRASSED AREA DISTURBED SHALL BE RESTORED BY RE-GRASSING THE AREA OR BY SEEDED HYDRO MULCH. THE GRASS SHALL BE FULLY ESTABLISHED AT COMPLETION OF PROJECT.

				SHT _____ OF _____	DATE _____	APPROVED: _____
REVISION NO.	SYM	DESCRIPTION				



DEPT. OF CORRECTIONS AND REHABILITATION
ADMINISTRATIVE SERVICE OFFICE
STATE OF HAWAII

WOMEN'S COMMUNITY CORRECTIONAL CENTER
W039 WCCB NEW ACCESS ROAD

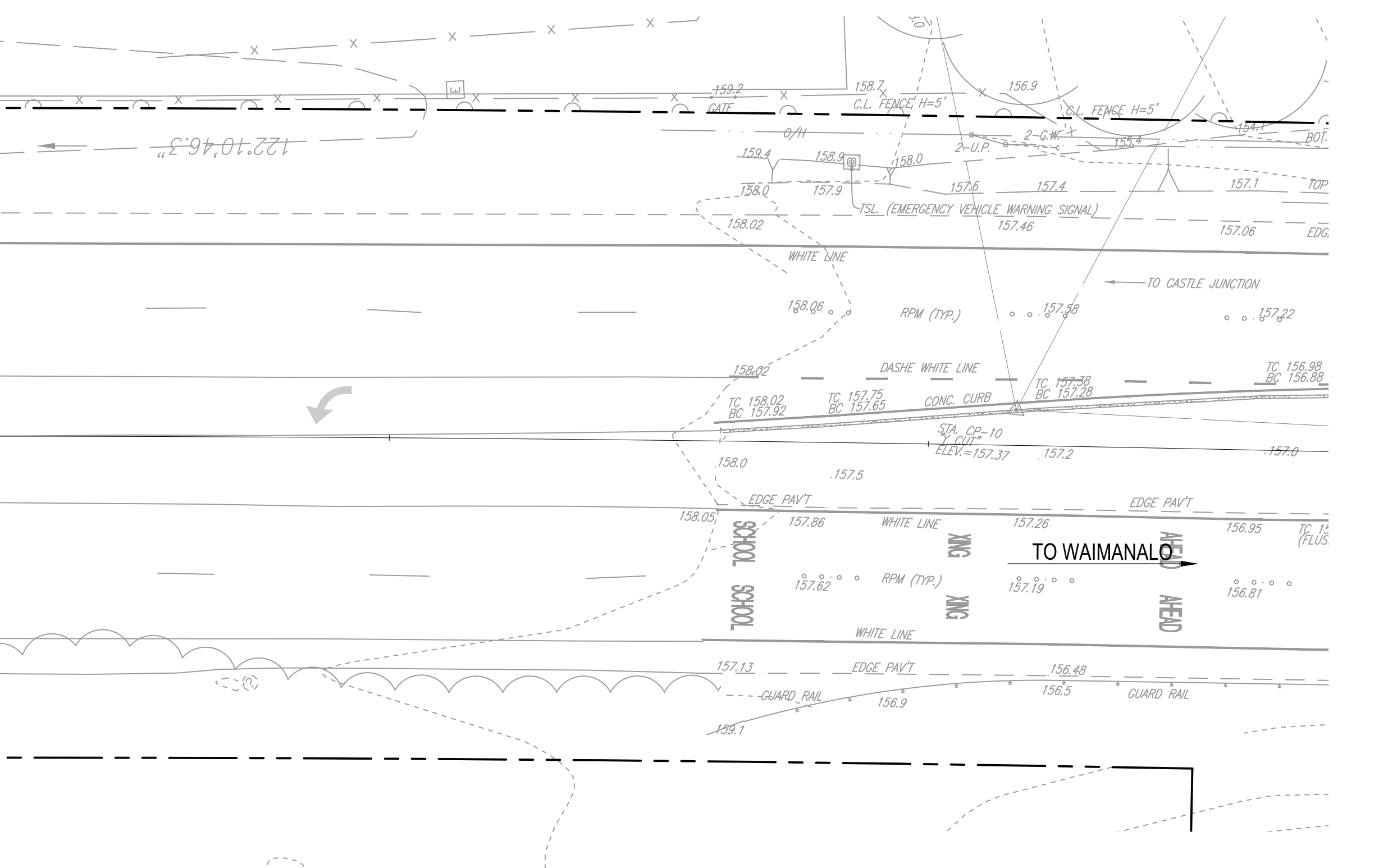
TMC: (1) 4-2-003-004
42-477 KALANIAN'OLE HIGHWAY, KAILUA, HAWAII 96734

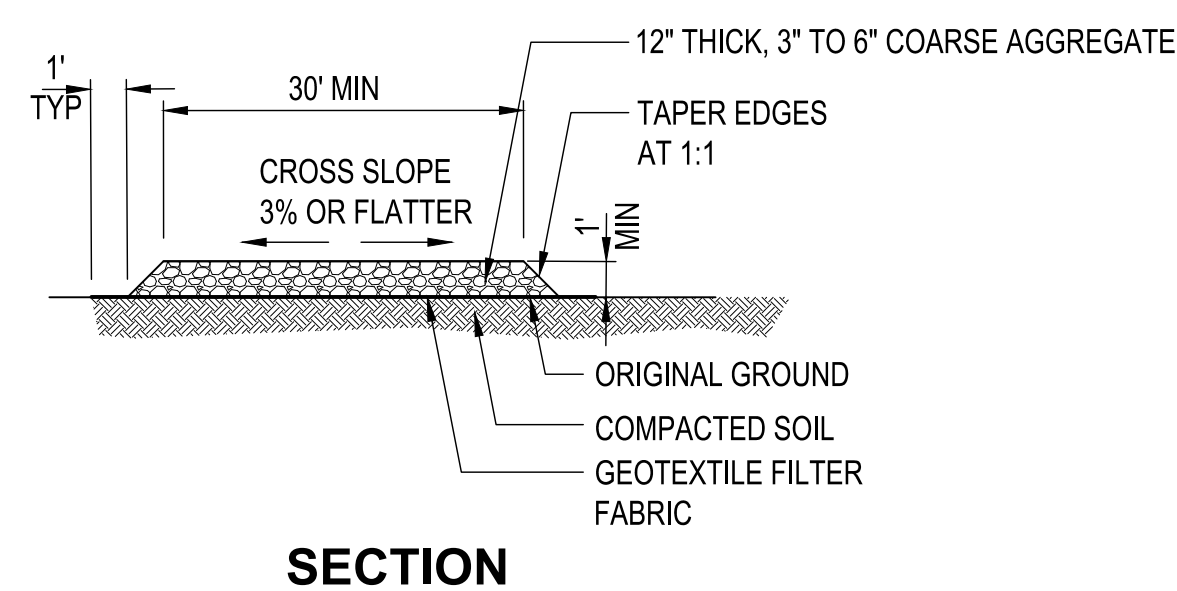
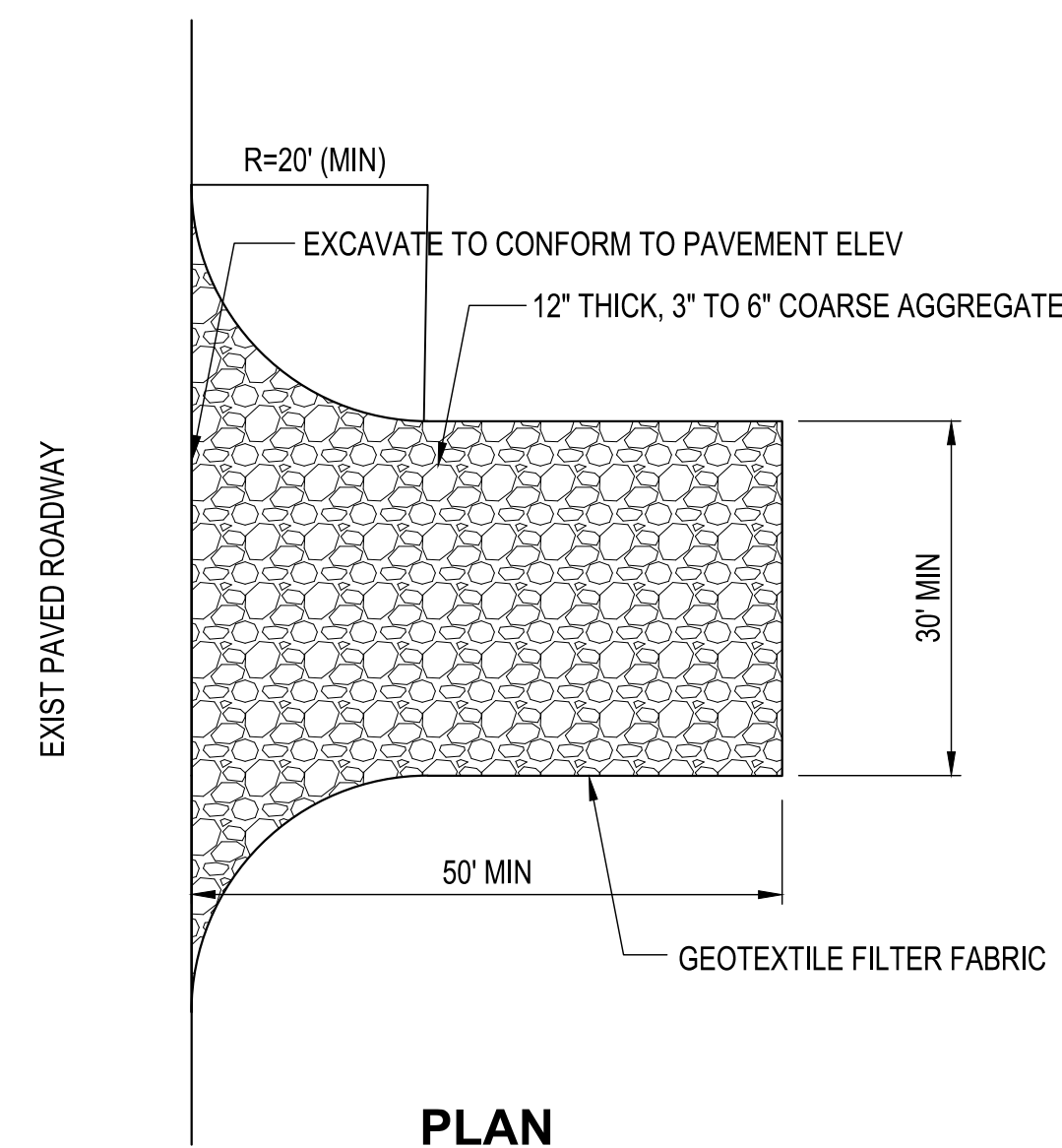
KAILUA OAHU HAWAII

EROSION AND SEDIMENT CONTROL NOTES

BOWERS + KUBOTA CONSULTING		DCR JOB NO.	DRAWING NO. C05
DESIGN BY: HC/CP	CHECKED BY: HRP	DCR 24-WCCC-0016	SHEET 6
DRAWN BY: HC/MNL	APPROVED BY: HRP		
SCALE:	AS NOTED	DATE SEPTEMBER 2026	OF _____ 14 SHEETS

04/30/2025
 Signature: _____
 Expiration Date of the License
 THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
 AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY
 OBSERVATION. Falsification OF CONSTRUCTION SHALL BE PUNISHED
 UNDER CHAPTER 15C, HAWAII ADMINISTRATIVE RULES FOR
 PROFESSIONAL ARCHITECTS, ENGINEERS, SURVEYORS AND
 LANDSCAPE ARCHITECTS, STATE OF HAWAII, SUBCHAPTER 1,
 SECTION 16-1152, DEFINITIONS, EFFECTIVE 4/26/24.



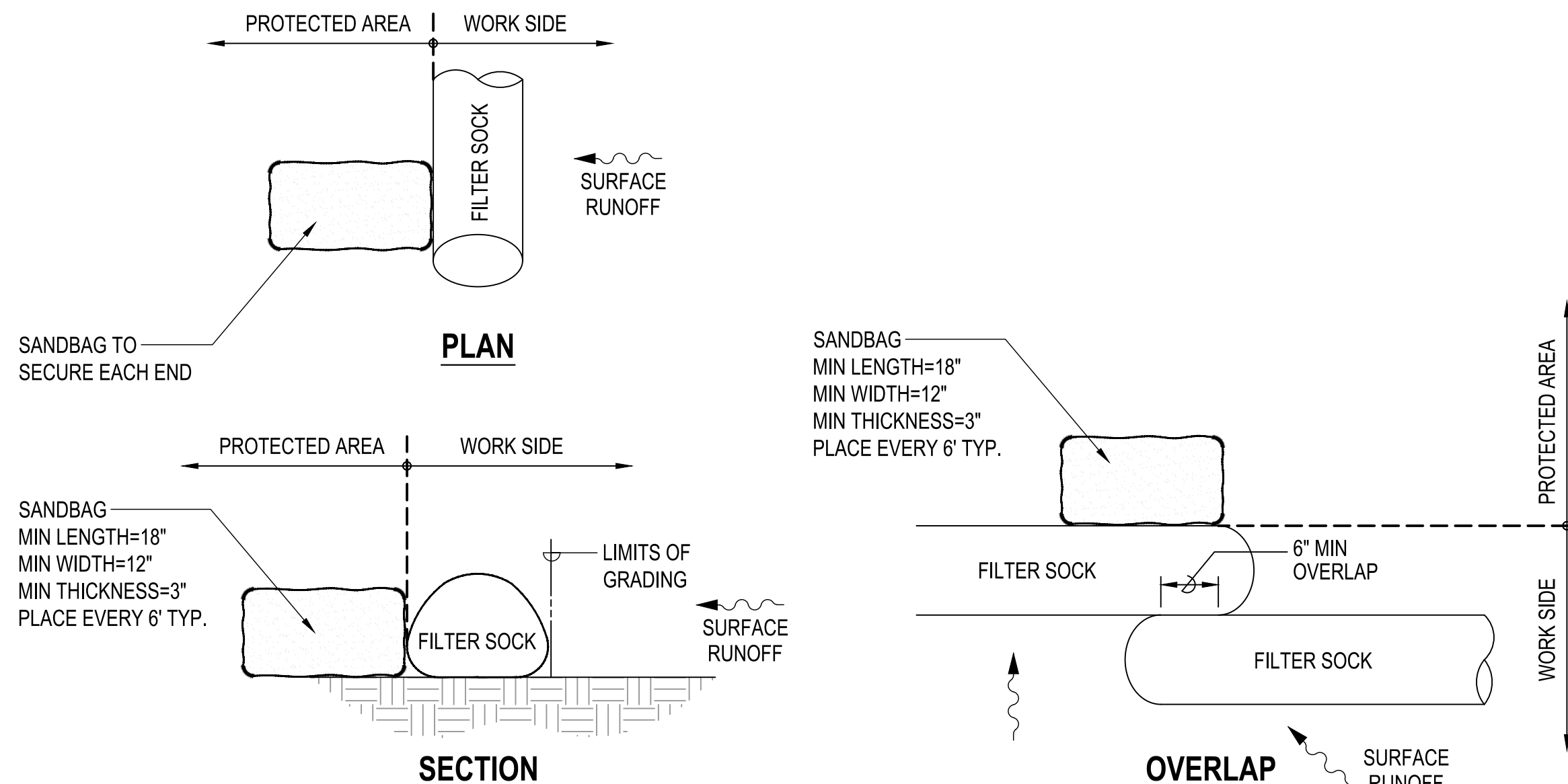


NOTE:

1. GEOTEXTILE FILTER FABRIC MUST BE INSTALLED BENEATH THE 12" DEEP LAYER OF AGGREGATE.

1 STABILIZED CONSTRUCTION ENTRANCE/EXIT DETAILS

NOT TO SCALE



NOTES:

1. REMOVE ACCUMULATED SEDIMENT WHEN DEPTH REACHES 1/3 THE BARRIER HEIGHT.
2. AT COMPLETION OF PROJECT, FILTER SOCKS MATERIAL, INCLUDING THE COMPOST, SHALL BE REMOVED FROM SITE AND DISPOSED OF PROPERLY.

2 TEMPORARY FILTER SOCK DETAILS

NOT TO SCALE

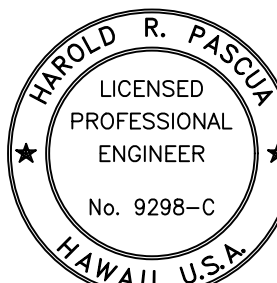
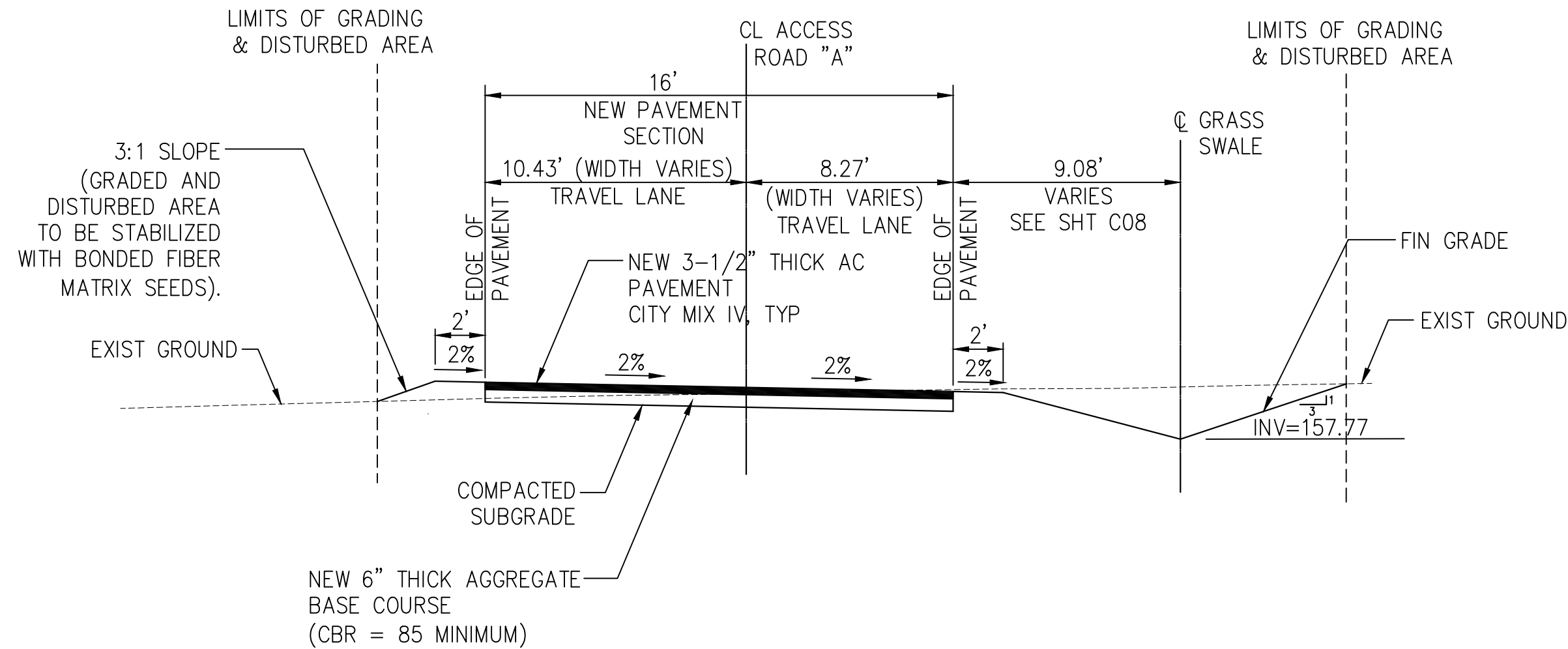
REVISION NO	SYM	DESCRIPTION	SHT OF	DATE	APPROVED:	
 04/06/2028 Expiration Date of the License THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THE PROJECT WILL BE UNDER MY OBSERVATION. OBSERVATION OF CONSTRUCTION SHALL BE DESCRIBED IN CHAPTER 11. HAWAII ADMINISTRATIVE RULES FOR PROFESSIONAL ARCHITECTS, ENGINEERS, SURVEYORS AND LANDSCAPE ARCHITECTS STATE OF HAWAII, SUBCHAPTER 1, SECTION 16-110. DEFINITIONS, EFFECTIVE 8/08/04			DEPT. OF CORRECTIONS AND REHABILITATION ADMINISTRATIVE SERVICE OFFICE STATE OF HAWAII			
			WOMEN'S COMMUNITY CORRECTIONAL CENTER W309 WCCC NEW ACCESS ROAD TMC: (1) 4-2-003-004 42-477 KALANIAN'OLE HIGHWAY, KAILUIA, HAWAII 96734			
			KAILUIA	OAHU	HAWAII	
			EROSION AND SEDIMENT CONTROL DETAILS			
BOWERS + KUBOTA CONSULTING			DCK JOB NO.		DRAWING NO.	
DESIGNATION: H/CPC		CHECKED BY: HRP	DCK 24-WCCC-0016		C07	
DRAWN BY: H/CMLN		APPROVED BY: HRP	DATE			
SCALE: AS NOTED			SEPTEMBER 2026		SHEET 8 OF 14 SHTS	



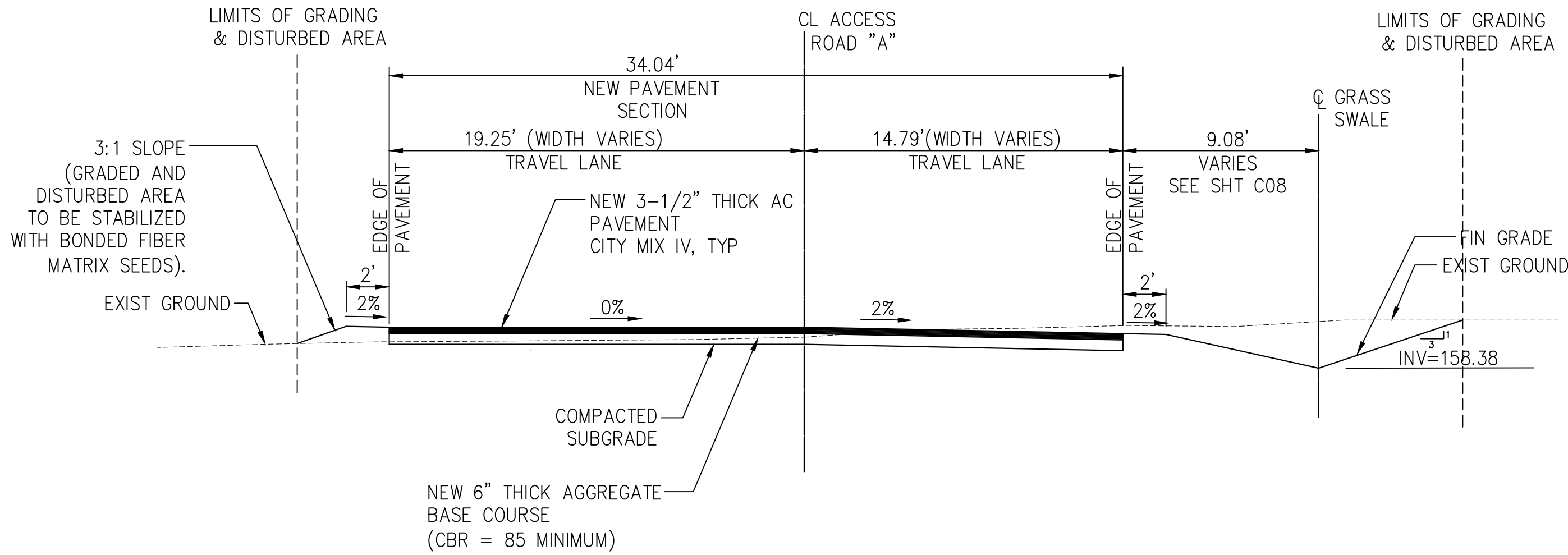
Figure 1 consists of two graphical scales. The top scale is labeled with 0', 10', 20', 40', and 60'. It shows a 60-foot distance divided into three 20-foot segments. Below the scale, a 1-inch scale bar is shown, with the text "1" = 20'-0"

REVISION NO	SYM	DESCRIPTION	SHT _____ OF _____	DATE	APPROVED	DEPT. OF CORRECTIONS AND REHABILITATION	
						ADMISSIVE SERVICE OFFICE STATE OF HAWAII	
HAROLD R. PASCOA LICENSED PROFESSIONAL ENGINEER No. 9298-C HAWAII, U.S.A. 			WOMEN'S COMMUNITY CORRECTIONAL CENTER W039 WCCC NEW ACCESS ROAD				
			TMK: (1) 4-2-003:004 42-477 KALANIAN'OLE HIGHWAY, KAILUA, HAWAII 96734				
			KAILUA	OAHU	HAWAII		
PROFILE - DRIVEWAY ACCESS ROAD "A"							
04/03/0208 Expiration Date of the License			BOWERS + KUBOTA CONSULTING		DCR JOB NO.	DRAWING NO.	
			DESIGN BY: H/C/CP	CHECKED BY: HRP	DCR 24-WCCC-0016	C09	
THE WORK WAS PREPARED BY ME, OR UNDER MY SUPERVISION AND CONSTRUCTION OF THE PROJECT, WILL BE UNDER MY OBSERVATION. (OBSERVATION OF CONSTRUCTION SHALL BE DEFINED IN CHAPTER 15, HAWAII ADMINISTRATIVE RULES FOR PROFESSIONAL ARCHITECTS, ENGINEERS, SURVEYORS AND LANDSCAPE ARCHITECTS, TITLE OF HAWAII SUBCHAPTER 1, SECTION 15-112) DEFINITIONS, EFFECTIVE 4/20/04.)			DRAWN BY: H/C/MNL	APPROVED BY: HRP			DATE
			SCALE	AS NOTED	SEPTEMBER 2026	10	
					OF _____	SHEETS	

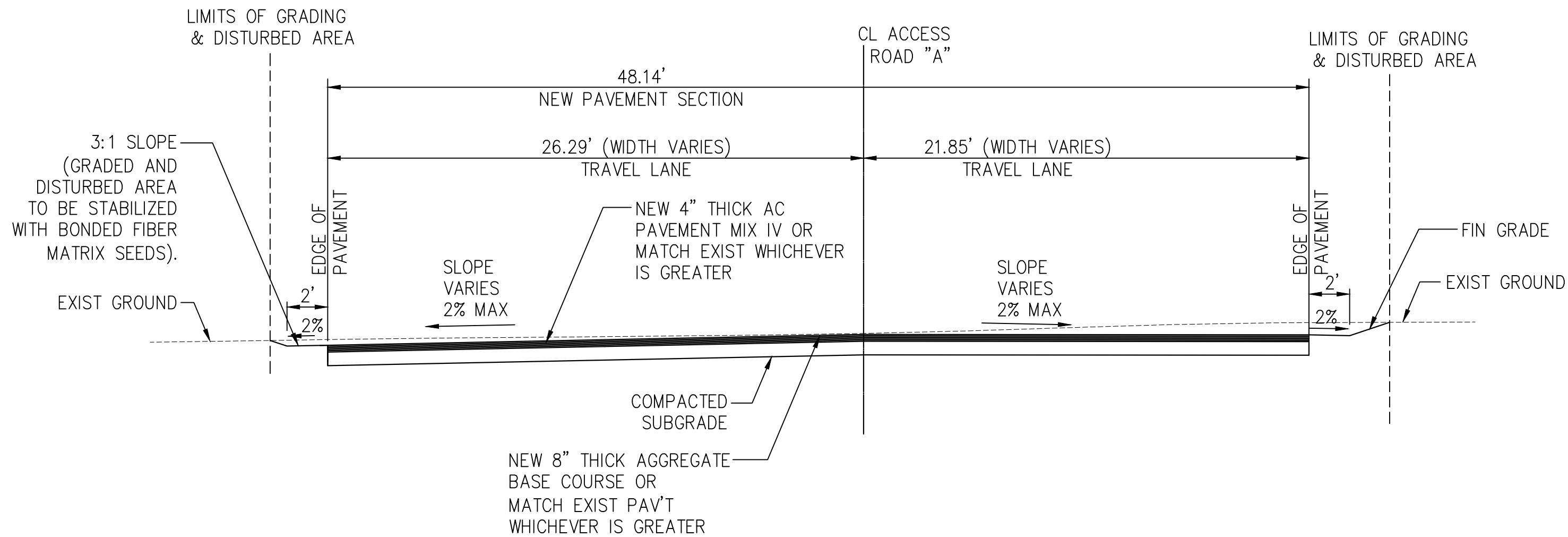
DATE: September 17, 2026
FILE: \\WCCCD\DCR\Projects\21\7438.00_W039 WCCC Access Road\03\Graphics\CAD\Sheets\04_Permits Drawings\C08-C09A Profile and Typical Sections_b-k_FINAL_091426.dwg



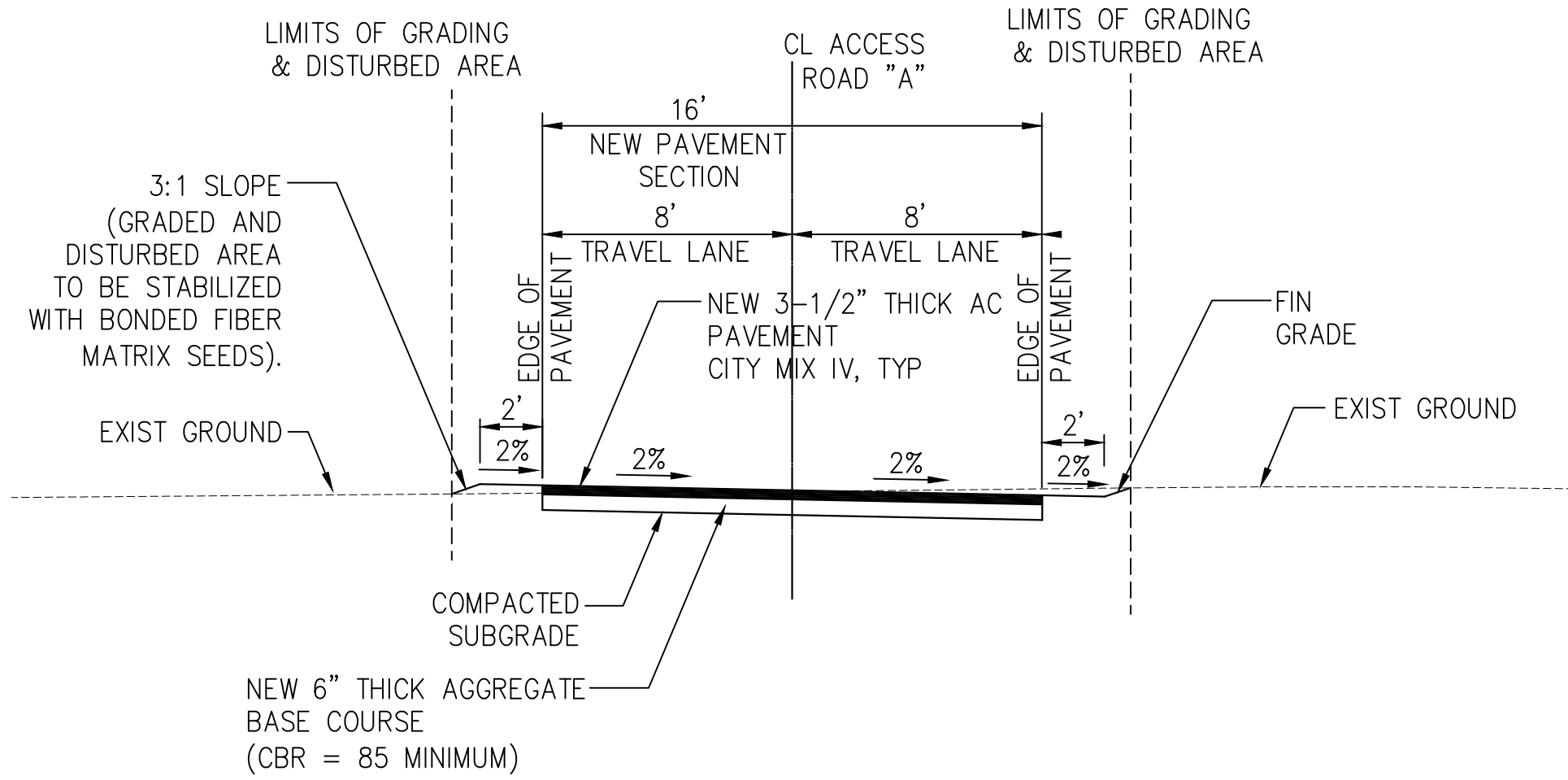
(STA 0+83 TO STA 1+20)
TYPICAL SECTION - DWY ACCESS ROAD "A"
SCALE: HOR. 1" = 5'



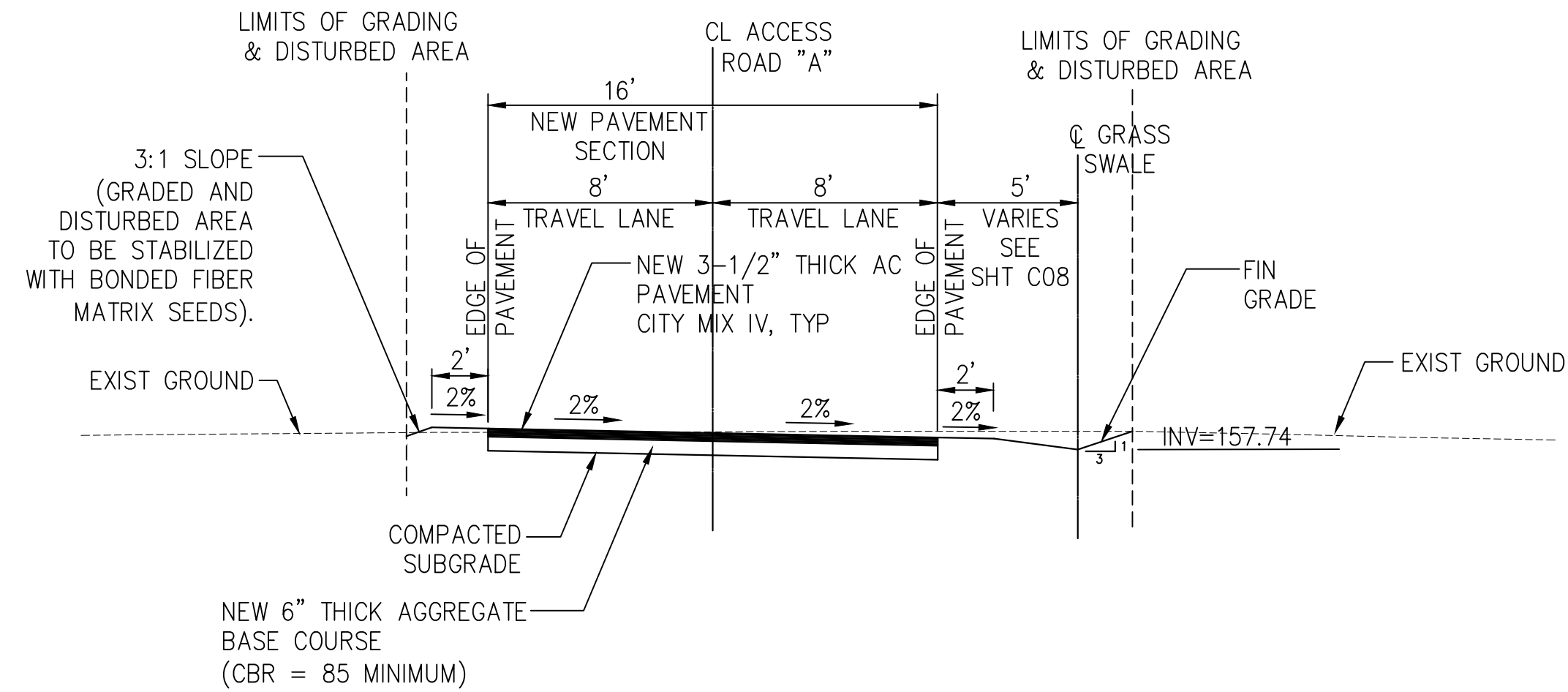
(STA 0+60.89 TO STA 0+83)
TYPICAL SECTION - DWY ACCESS ROAD "A"
SCALE: HOR. 1" = 5'



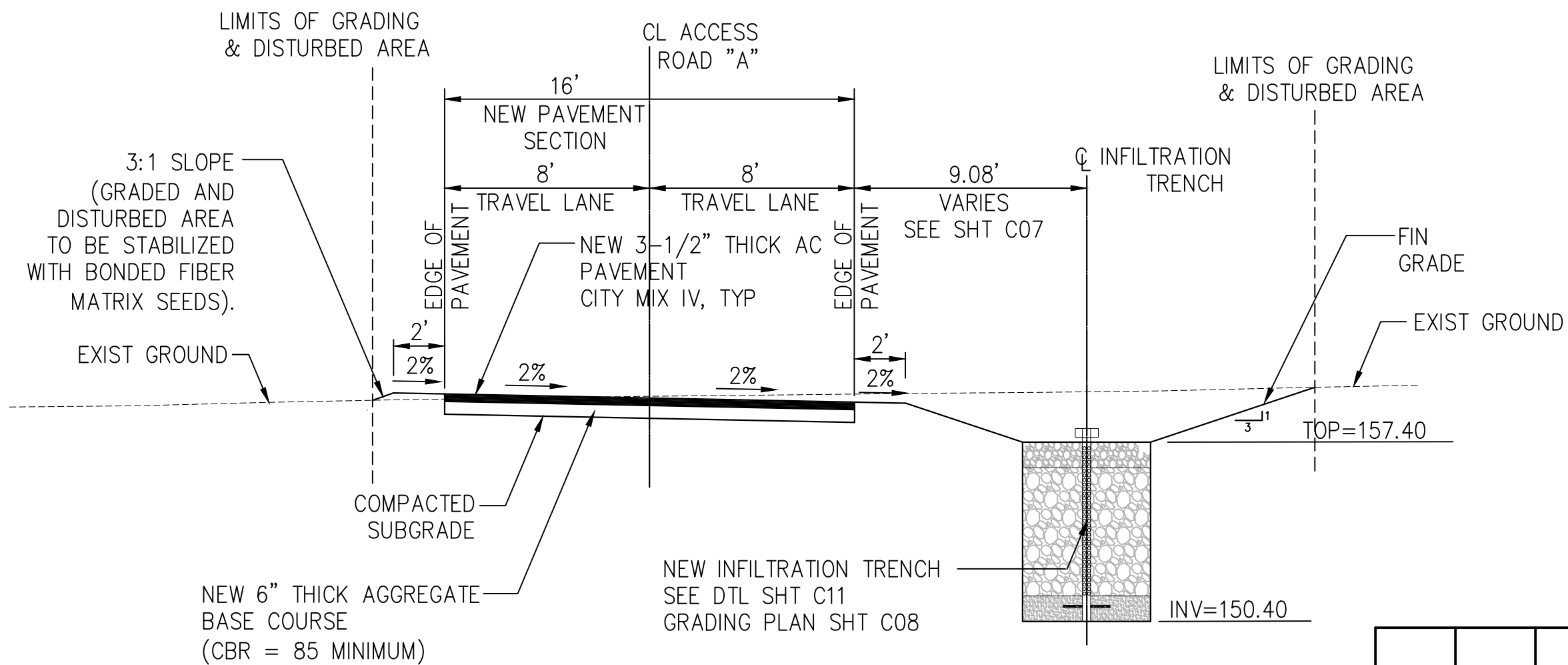
(STA 0+41.28± TO STA 0+60.89)
TYPICAL SECTION - DWY ACCESS ROAD "A"
SCALE: HOR. 1" = 5'



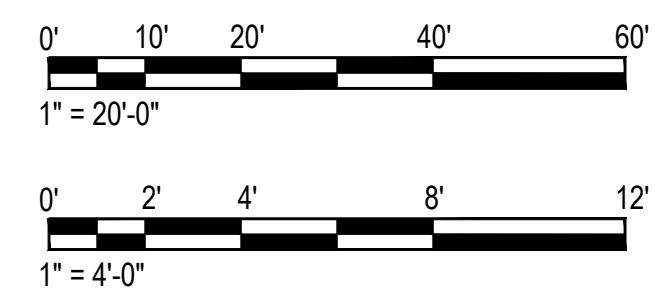
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SCALE: HOR. 1" = 5'



(STA 1+65 TO STA 2+00)
TYPICAL SECTION - DWY ACCESS ROAD "A"
SCALE: HOR. 1" = 5'



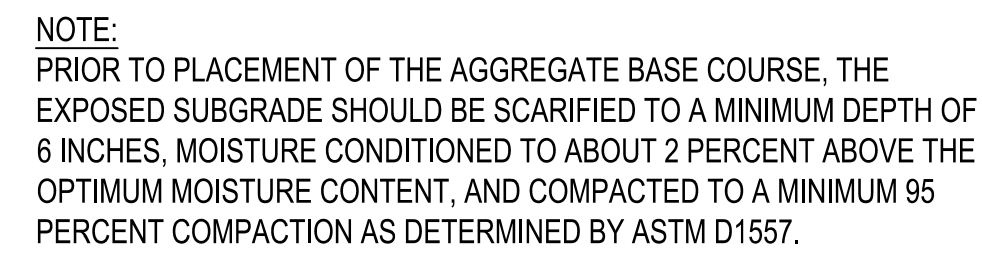
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TYPICAL SECTION - DWY ACCESS ROAD "A"
SCALE: HOR. 1" = 5'



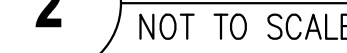
REVISION NO.	SYMBOL	DESCRIPTION	SHEET NO.	DATE	APPROVED
DEPT. OF CORRECTIONS AND REHABILITATION ADMINISTRATIVE SERVICE OFFICE STATE OF HAWAII					
WOMEN'S COMMUNITY CORRECTIONAL CENTER W039 WCCC NEW ACCESS ROAD TMK: (1) 4-2-003-004 42-477 KALANIANA'OLE HIGHWAY, KAILUA, HAWAII 96734					
KAILUA OAHU HAWAII					
TYPICAL SECTIONS - DRIVEWAY ACCESS ROAD "A"					
BOWERS + KUBOTA CONSULTING		DCR JOB NO.		DRAWING NO.	
DESIGN BY: HC/CP		CHECKED BY: HRP		C10	
DRAWN BY: HC/MNL		APPROVED BY: HRP		DATE	
SCALE: AS NOTED		SEPTEMBER 2026		SHEET 11 OF 14 SHEETS	

THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. OBSERVATION OF CONSTRUCTION SHALL BE DEFINED IN CHAPTER 15, HAWAII ADMINISTRATIVE RULES FOR PROFESSIONAL ARCHITECTS, ENGINEERS, SURVEYORS AND LANDSCAPE ARCHITECTS STATE OF HAWAII SUBCHAPTER 1, SECTION 15-152 DEFINITIONS EFFECTIVE 2004.

04/30/2026
Signature: [Signature]
Expiration Date of the License



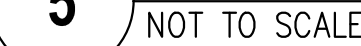
NOT TO SCALE



3) NOT TO SCALE



4) NOT TO SCALE



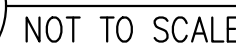
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- ## NOTES:
1. INSTALLATION OF THE INFILTRATION TRENCH MAY OCCUR WITHIN THE DRIPLINE OF THE TREE. CONTRACTOR SHALL CONSULT A QUALIFIED ARBORIST ON POSSIBLE IMPACTS TO THE TREE.
 2. ANY PRUNING OF THE ROOT SYSTEM SHALL BE CONDUCTED BY PERSONNEL QUALIFIED IN ARBORICULTURAL WORK AND OVERSEEN BY A QUALIFIED ARBORIST.
 3. INSTALL ROOT CONTROL BARRIERS FOR ANY PRUNED ROOTS IN THE VICINITY OF THE INFILTRATION TRENCH.

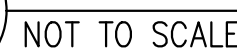
REVISION NO.		SYM	DESCRIPTION	SHT. OF	DATE	APPROVED
				DEPT. OF CORRECTIONS AND REHABILITATION ADMINISTRATION SERVICE OFFICE STATE OF HAWAII		
				WOMEN'S COMMUNITY CORRECTIONAL CENTER W039 WCCC NEW ACCESS ROAD TMC: (1) 4-2-003-004 42-477 KALANIANA'OLE HIGHWAY, KAILUA, HAWAII 96734		
				KAILUA OAHU HAWAII		
 Signature _____ Expiration Date of this license 04/30/2028				MISCELLANEOUS DETAILS - 1		
				BOWERS + KUBOTA CONSULTING DESIGN BY CHECKED BY HRP HRP DRAWN BY APPROVED BY HRCMML HRP SCALE: AS NOTED		
THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. I CERTIFY THAT CONSTRUCTION SHALL BE DEFINED IN CHAPTER 15 HAWAII ADMINISTRATIVE RULES FOR PROFESSIONAL ARCHITECTS' ENGINEERS, SURVEYORS AND LANDSCAPE ARCHITECTS STATE OF HAWAII, SUBCHAPTER 1, SECTION 16-1-14 (PERMITS) EFFECTIVE 03/01/81				DCR JOB NO. DCR 24-WCCC-0016 DATE SEPTEMBER 2026		DRAWING NO. C11 SHEET 12 OF 14 SHEETS



NOT TO SCALE



1. **BACKFILL MATERIAL TYPE "A"**
BLACK OR BEACH SAND, EARTH AND GRAVEL MIXTURE. IF EARTH AND GRAVEL MIXTURE, ROCK SIZE SHALL BE 1 INCH OR SMALLER AND SHALL NOT CONTAIN MORE THAN 50% ROCK PARTICLES BY VOLUME. THIS FILL SHALL BE USED OVER CONCRETE ENCASED DUCTS IN ACCORDANCE WITH DRAWINGS.
2. ALL DUCTS SHALL BE PVC SCHEDULE 40.
3. PROVIDE DETECTABLE DUCT WARNING TAPE 12" BELOW FINISH GRADE OR PAVEMENT DIRECTLY ABOVE DUCTS.
4. PROVIDE A MINIMUM OF 4" TOPSOIL AND GRASS TO RESTORE THE NON-PAVED AREA. GRASS SHALL BE FULLY ESTABLISHED AT COMPLETION OF PROJECT.



FILE _____ DRAWER _____ FOLDER _____ B+K PROJ. NO.: 21A7438.0

