

# KOLB WAREHOUSES SDP23-0207

## SITE DISTURBANCE PLAN

### SDP23-0207

PARCEL #0-2900-10-006-AA  
 LOCATED IN SEC. 10, T. 51N., R. 05W., B.M.  
 KOOTENAI COUNTY, IDAHO

JULY 2025

CUT/FILL SLOPES SHALL NOT EXCEED 2H:1V

This application has not been reviewed for compliance with Covenants, Conditions, and Restrictions (CC&Rs). It shall be the responsibility of the Applicant to comply with all CC&Rs, as may be applicable.

This approved plan set shall be inclusive of the necessary temporary erosion control, storm water management and site construction requirements to develop the proposed site improvements pursuant to all applicable regulations. A copy of the APPROVED PLAN SET shall remain on the project site at all times.

NOTE: ALL FUTURE MODIFICATIONS to this plan set shall be approved by the engineer of record and the County and/or pertinent governing agency(s) PRIOR TO CONSTRUCTION.

Contractor hereby assumes FULL LIABILITY and is subject to stop work order for work completed that is not in conformance with the approved plan set.

#### CONTACT INFORMATION

**OWNER**  
 DAMIEN KOLB  
 212 W IRONWOOD DR. #D-269  
 COEUR D'ALENE, ID 83814

**CIVIL ENGINEER**  
 VAN HOUTEN CONSULTING & DESIGN  
 401 1/2 E. SHERMAN AVE. STE. #211  
 COEUR D'ALENE, ID 83814  
 PHONE: (208) 930-4000

**SURVEYOR**  
 JOHNSON SURVEYING NW  
 1859 N LAKEWOOD DR #102  
 COEUR D'ALENE, ID 83814  
 PHONE: (208) 766-2814

#### INDEX

C1.0 SITE DISTURBANCE PLAN  
 C2.0 DETAILS  
 C2.1 DETAILS

#### GENERAL NOTES:

- ALL WORK AND MATERIALS SHALL CONFORM TO THE MOST CURRENT EDITION OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPCW).
- PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. CALL THE KOOTENAI COUNTY UNDERGROUND UTILITY LOCATION SERVICE AT 1-800-428-4950 AT LEAST 72 HOURS BEFORE YOU DIG.
- NO GUARANTEE IS MADE OR IMPLIED THAT ALL EXISTING UTILITIES ARE SHOWN. LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN EXISTING UTILITIES AND THE PLANS PRIOR TO CONSTRUCTION.
- A TITLE REPORT WAS NOT ORDERED FOR THIS SITE PLAN. IT IS THE RESPONSIBILITY OF THE OWNER TO DETERMINE THE EXISTENCE OF ANY EASEMENTS, COVENANTS, OR RESTRICTIONS WHICH DO NOT APPEAR IN THE RECORDED SUBDIVISION PLAT.
- THE CONTRACTOR IS REQUIRED TO HAVE A COMPLETE SET OF THE APPROVED PLANS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- IF THE CONTRACTOR DISCOVERS ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING CONDITIONS ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANIES PRIOR TO STARTING WORK NEAR ANY FACILITIES.
- WORK SHALL NOT BEGIN UNTIL ALL REQUIRED PLAN APPROVALS AND PERMITS HAVE BEEN OBTAINED FOR THE WORK BEING PERFORMED.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS PRIOR TO CONSTRUCTION TO COORDINATE CONSTRUCTION INSPECTIONS.
- THE CONTRACTOR SHALL FULLY COMPLY WITH OSHA SAFETY STANDARDS AT ALL TIMES.
- SURVEY DATA IS PROVIDED BY OTHERS. VAN HOUTEN CONSULTING & DESIGN TAKES NO RESPONSIBILITY FOR TOPOGRAPHICAL MISHAPS.
- EXISTING PROPERTY CORNERS OR SURVEY MONUMENTS SHALL BE PROTECTED DURING THE COURSE OF CONSTRUCTION. ANY DAMAGED OR OBLITERATED CORNERS OR MONUMENTS SHALL BE RE-ESTABLISHED AT THE CONTRACTORS EXPENSE BY A PROFESSIONAL LAND SURVEYOR, LICENSED IN THE STATE OF IDAHO, PRIOR TO FINAL ACCEPTANCE.

#### STORMWATER & EROSION CONTROL NOTES:

- ALL STORMWATER BMPs SHALL CONFORM TO IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY (IDEQ) STORM WATER BEST MANAGEMENT PRACTICES CATALOG.
- IN AREAS OUTSIDE THE LIMITS OF DISTURBANCE, RETAIN THE DUFF LAYER, NATIVE TOPSOIL, AND EXISTING VEGETATION IN AN UNDISTURBED STATE TO THE MAXIMUM EXTENT PRACTICAL.
- INSPECT ALL ROADWAYS, AT THE END OF EACH DAY, ADJACENT TO THE CONSTRUCTION ACCESS ROUTE. IF IT IS EVIDENT THAT SEDIMENT HAS BEEN TRACKED OFF SITE AND/OR BEYOND THE ROADWAY APPROACH, CLEANING IS REQUIRED.
- RESTORE CONSTRUCTION ACCESS ROUTE EQUAL TO OR BETTER THAN PRE-CONSTRUCTION CONDITION.
- INSPECT SEDIMENT CONTROL BMPs WEEKLY AT A MINIMUM, DAILY DURING A STORM EVENT, AND AFTER ANY DISCHARGE FROM THE SITE (STORMWATER OR NON-STORMWATER). THE INSPECTION FREQUENCY MAY BE REDUCED TO ONCE A MONTH IF THE SITE IS STABILIZED AND INACTIVE.
- CONTROL FUGITIVE DUST FROM CONSTRUCTION ACTIVITY IN ACCORDANCE WITH STATE AND/OR LOCAL AIR QUALITY CONTROL AUTHORITIES WITH JURISDICTION OVER THE PROJECT AREA.
- PROTECT CULVERT INLETS, DRYWELLS, CATCH BASINS AND OTHER STORMWATER MANAGEMENT FACILITIES FROM SEDIMENT, WHETHER OR NOT FACILITIES ARE OPERABLE. INLET PROTECTION DEVICES SHALL BE CLEANED OR REMOVED AND REPLACED BEFORE SIX INCHES OF SEDIMENT CAN ACCUMULATE.
- STOCKPILE ALL MATERIALS ON SITE, KEEPING OFF ROADWAYS.
- NO AREAS DISTURBED BY CONSTRUCTION SHALL BE LEFT BARE. ALL NON-IMPERVIOUS DISTURBED AREAS NOT OTHERWISE COVERED WITH ROCK, MULCH OR LANDSCAPING SHALL BE HYDROSEEDDED.
- AREAS RECEIVING HYDROSEED SHALL HAVE SOIL SUITABLE FOR VEGETATION GROWTH. IF THE FINISHED SURFACE CANNOT SUPPORT PLANT LIFE, TOPSOIL SHALL BE IMPORTED AND PLACED TO A SUFFICIENT DEPTH FOR PERMANENT REVEGETATION. SHOULD HYDROSEED FAIL TO TAKE ROOT DUE TO INSUFFICIENT SOIL PROFILE, CONTRACTOR SHALL RECTIFY THE PROBLEM BY PERMANENTLY ESTABLISHING VEGETATION AT THEIR OWN EXPENSE.
- CONSTRUCTION SHALL BE CONSIDERED COMPLETE WHEN PERMANENT ESC CONTROLS, WHEN APPLICABLE, HAVE BEEN COMPLETELY INSTALLED; ALL LAND-DISTURBING ACTIVITIES THAT HAVE THE POTENTIAL TO CAUSE EROSION OR SEDIMENTATION PROBLEMS HAVE CEASED; AND, VEGETATION HAS BEEN ESTABLISHED IN THE AREAS NOTED AS REQUIRING VEGETATION ON THE ACCEPTED ESC PLAN ON FILE WITH THE LOCAL JURISDICTION.
- REMOVE TEMPORARY ESC BMPs WITHIN THIRTY DAYS AFTER THE TEMPORARY BMPs ARE NO LONGER NEEDED. PERMANENTLY STABILIZE AREAS THAT ARE DISTURBED DURING THE REMOVAL PROCESS.

#### GRADING & PAVING NOTES:

- ASPHALT PAVEMENT SURFACE COURSE SHALL CONFORM TO ISPCW REQUIREMENTS OR BETTER.
- CONCRETE PAVEMENT SHALL COMPLY WITH ISPCW AND ACI 301 REQUIREMENTS FOR MEASURING, MIXING, TRANSPORTING AND PLACING CEMENT CONCRETE PAVEMENT.
- SUBMIT PAVEMENT MIX DESIGN, SUBBASE AND AGGREGATE BASE COURSE INFORMATION FOR ENGINEER APPROVAL PRIOR TO ORDERING THESE MATERIALS.
- CONTRACTOR SHALL CHECK EXPOSED SUBGRADES AND BASE SURFACES FOR COMPLIANCE WITH REQUIREMENTS FOR DIMENSIONAL, GRADING, AND ELEVATION TOLERANCES; PREVENT SURFACE WATER AND GROUNDWATER FROM ENTERING EXCAVATIONS; FROM PONDING ON PREPARED SUBGRADES AND BASE SURFACES AND FROM FLOODING PROJECT SITE OR SURROUNDING AREA; AND SHALL PROTECT SUBGRADES AND BASE SURFACES FROM SOFTENING, UNDERMINING, WASHOUT, DAMAGE BY RAIN OR WATER ACCUMULATION AND AGAINST FREEZING TEMPERATURES AND FROST.
- STRUCTURAL FILL SHOULD BE PLACED IN SIX-INCH-THICK LOOSE LIFTS AT NEAR OPTIMUM MOISTURE CONTENT AND COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557 (MODIFIED PROCTOR). STRUCTURAL FILL SHALL BE FREE OF ORGANIC MATTER, FROZEN SOIL AND DELETERIOUS DEBRIS.
- BALLAST AND BASE COURSE MATERIAL SHALL MEET THE CRITERIA SET FORTH IN THE REQUIREMENTS OF ISPCW.
- THE UPPER 12" OF SUBGRADE, BALLAST AND BASE COURSE SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557 (MODIFIED PROCTOR). ASPHALT CONCRETE SHALL BE COMPACTED TO A MINIMUM OF 92% OF RICE'S THEORETICAL DENSITY.
- PAVING SHALL NOT OCCUR UNTIL ALL UNDERLYING UTILITIES HAVE BEEN TESTED AND APPROVED.
- A REPRESENTATIVE OF THE ENGINEER-OF-RECORD SHALL CONDUCT COMPACTION TESTING AFTER CONSTRUCTION OF EACH COURSE OF MATERIAL IS COMPLETED.
- THE CONTRACTOR SHALL GIVE THE ENGINEER WRITTEN 48 HOUR NOTIFICATION PRIOR TO ALL REQUIRED CONSTRUCTION STAKING, OBSERVATION AND TESTING.
- STRIP TOPSOIL PRIOR TO COMPACTING SUBGRADE. SUBGRADE SHALL BE FREE OF ORGANIC MATTER, FROZEN SOIL AND DELETERIOUS DEBRIS.
- CONTRACTOR SHALL HAVE WRITTEN APPROVAL FROM A GEOTECHNICAL ENGINEER PRIOR TO PLACING NATIVE MATERIAL AS BACKFILL.
- EXCAVATIONS SHALL BE NO GREATER THAN 4 FEET DEEP AND SLOPED AT NO STEEPER THAN 2H:1V WITHOUT ADDITIONAL SHORING OR BRACING MEASURES IN ACCORDANCE WITH OSHA SPECIFICATIONS AND LOCAL CODES.

#### REFERENCE NOTES

- ASPHALT PAVEMENT SECTION PER DETAIL, SHEET C2.0.
- 14' X 6' TRASH ENCLOSURE. HINGED GATE W/ 12FT CLEAR OPENING MINIMUM. 6FT SITE OBLSCURING CHAIN LINK FENCE W/ PRIVACY SLATS ON OTHER THREE SIDES. CONCRETE PAD PER SECTION, SHEET C2.0.
- 40' WIDE RIGHT-IN, RIGHT-OUT APPROACH PER ITD STANDARD DRAWING NO. 405-1. PAINTED DIRECTIONAL TRAFFIC ARROWS AND LETTERING AS SHOWN, THIS SHEET.
- PAINT ACCESSIBLE ADA PARKING STALLS WITH INTERNATIONAL SYMBOL OF ACCESS AND HC SIGN AT HEAD OF STALL PER IBC STANDARDS. PROVIDE 8' ACCESS ISLE. PROVIDE WHEEL STOP. SEE ACCESSIBLE PARKING STALL DETAIL, SHEET C2.0.
- PAINT PARKING STALLS AS SHOWN. STRIPING SHALL BE 4" SWSL, DOUBLE PAINTED.
- INSTALL WHEEL STOPS WHERE SHOWN. (TYP)
- EXTERIOR GARAGE DOOR (TYP). SEE BUILDING PLANS, BY OTHERS.
- BIKE RACK. PROVIDE STORAGE FOR 2 BICYCLES, MINIMUM.
- PROPOSED WELL LOCATION
- ROOF DRAINAGE CONNECTION TO DRYWELL SEE BUILDING PLANS, BY OTHERS FOR GLUTTER DOWN SPOUT LOCATIONS. ALL RUNOFF FROM THE WAREHOUSE ROOF SHALL BE PIPED TO THE DRYWELL.
- 6' TALL SIGHT OBLSCURING FENCE ALONG NORTHERN AND WESTERN PROPERTY LINE.
- LANDSCAPING AREA SEE PLANTING AND IRRIGATION PLANS, BY OTHERS.
- INSTALL LINED FIRE SUPPRESSION POND PER DETAILS, SHEET C2.1. POND SHALL BE ENCLOSED BY 6' TALL MIN CHAIN LINK FENCE.
- FIRE SUPPRESSION PUMP INTAKE LINE. 40 LF OF 10" DIA C900 WATER PIPE. INSTALL 1" STAINLESS STEEL INTAKE (6' LONG) IN POND, 12" DIA SUPPORTED, 2" MINIMUM OFF BOTTOM OF POND.
- FIRE SUPPRESSION PUMP INSIDE 12'X14' PUMP HOUSE BUILDING. "GUSHER PUMPS" PUMP MODEL SPP10 OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S GUIDELINES. CONTRACTOR SHALL RUN ALL ELECTRICAL LINES TO PUMP HOUSE PRIOR TO HAVING PARKING LOT.
- FIRE HYDRANT SUPPLY LINE. (1) 10"X6" REDUCER W/THRUST BLOCKING (1) 6" 45° ELBOW W/ THRUST BLOCKING 80 LF OF 6" DIA C900 WATER PIPE.
- INSTALL FIRE HYDRANT PER MANUFACTURERS SPECIFICATIONS AND ISPCW STANDARD DRAWINGS SD-404. CONTRACTOR SHALL ENSURE HYDRANT LOCATION IS APPROVED BY NORTHERN LAKES FIRE PROTECTION DISTRICT.
- 500 GALLON SEPTIC TANK SERVING STANDARD SEPTIC DRAINFIELD. 5 FT MINIMUM TANK SETBACK FROM BUILDING AND PROPERTY LINE. CONTRACTOR SHALL COORDINATE SEPTIC PERMIT WITH PANHANDLE HEALTH DISTRICT.

#### SITE DATA

FINISHED AREAS (SQ. FT.)	
ZONING	LIGHT INDUSTRIAL
TOTAL PARCEL AREA	38,027
PROPOSED BUILDING FOOTPRINT	4,800
ROOF TOP AREA	5,100
ASPHALT PARKING AREA	15,596
INTERNAL SIDEWALK AREA	0
TOTAL IMPERVIOUS AREA	20,696

BUILDING SETBACKS	
FRONT	35'
SIDE	15'
REAR	15'

PARKING SUMMARY	
<b>REQUIRED</b>	
WAREHOUSE (STORAGE UNIT) REQUIREMENT:	1 PER 800 S.F.
4800 S.F. / 800 S.F. = 6 STALLS	
TOTAL REQUIRED STALLS:	6 STALLS
BICYCLE PARKING REQUIREMENT:	1 BIKE PER 5 PARKING STALLS
10 TOTAL PROVIDED STALLS / 5 STALLS = 2 BIKE RACK UNITS	
<b>PROVIDED</b>	
STANDARD STALLS (8' X 18')	4
PARALLEL STALLS (8' X 23')	4
ADA STALLS (8' X 18')	1
ADA AISLE (8' X 18')	1
TOTAL PROVIDED STALLS	9

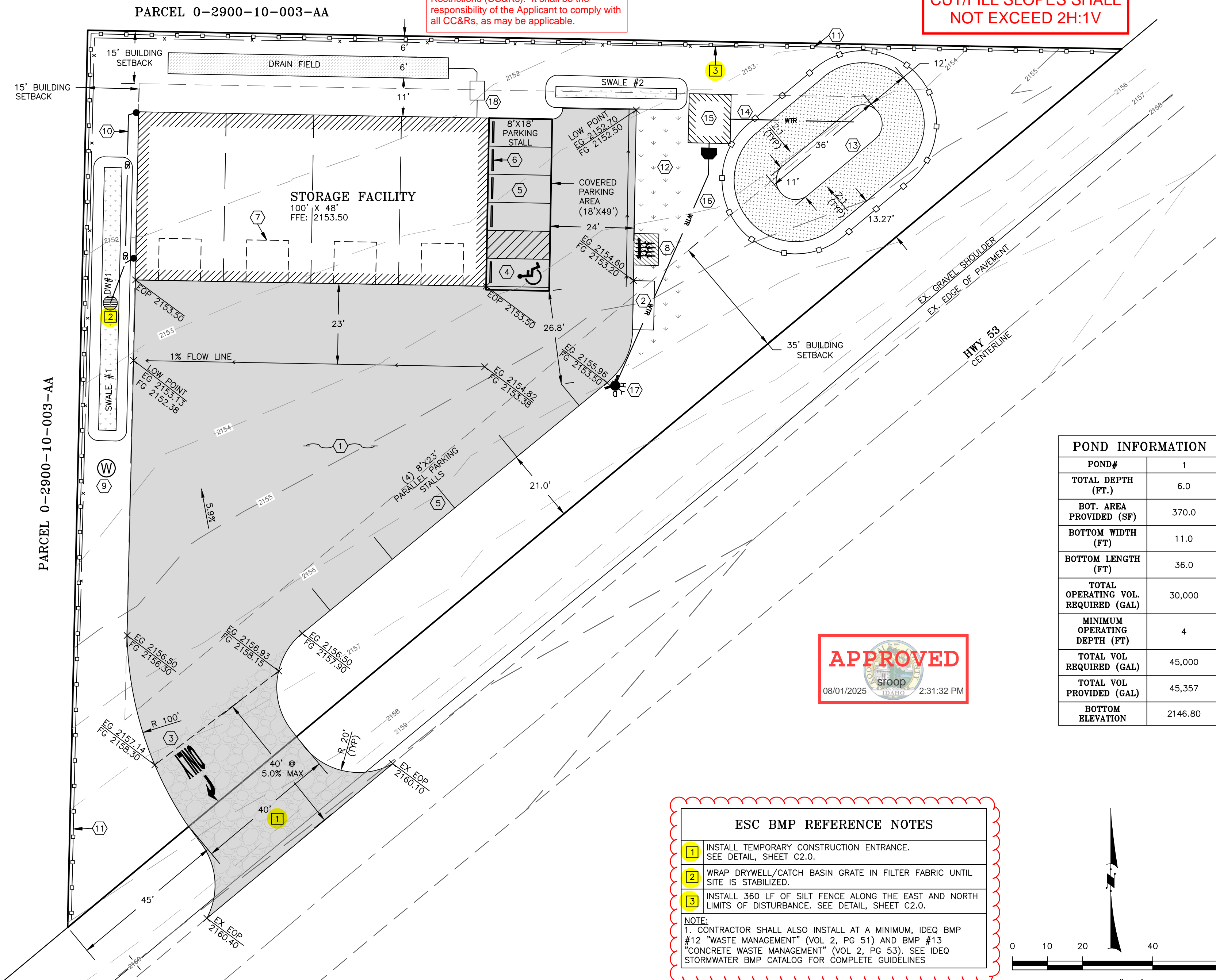
#### SWALE INFORMATION

SWALE #	EFFECTIVE DEPTH (FT.)	MIN BOT. AREA REQ. (SF)	BOT. AREA DEPICTED (SF)	BOTTOM WIDTH (FT)	BOTTOM LENGTH (FT)	BOTTOM EL. (FT)
1	1.0	355	375	5	75	VARIES
2	1.0	54	102	3	34	2151.50

#### DRYWELL INFORMATION

DW #	TYPE	RIM ELEV.	LID TYPE	PARENT SWALE
1	DOUBLE	2151.88	GRATED	#1

**NOTE:**  
 1. DRYWELL #1 IS SIZED FOR DIRECT CONNECTION TO THE ROOF DOWNSPOUT SYSTEM OF THE MAIN BUILDING. SEE BUILDING PLAN, BY OTHERS, FOR EXACT DOWNSPOUT LOCATIONS.  
 2. SEE DRYWELL DETAIL, SHEET C2.0.



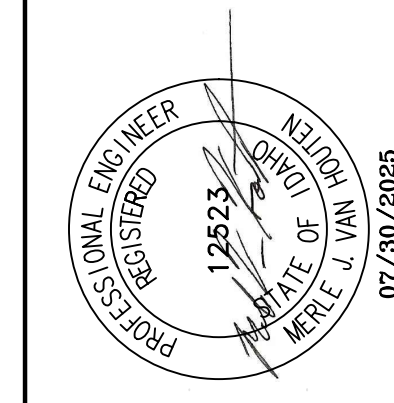
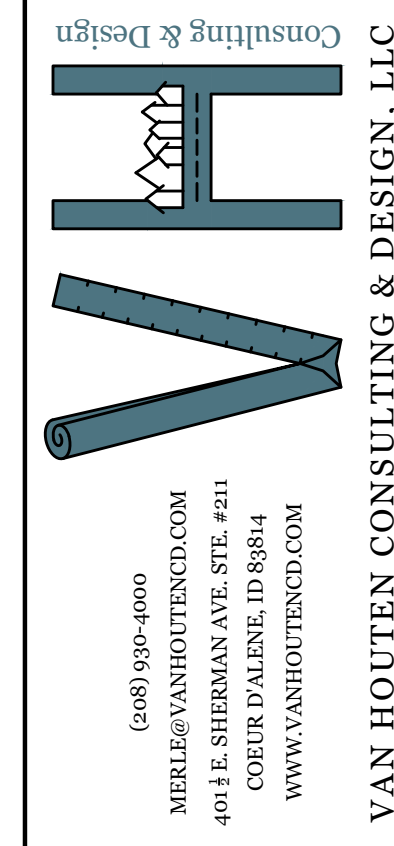
#### POND INFORMATION

POND# 1	
TOTAL DEPTH (FT.)	6.0
BOT. AREA PROVIDED (SF)	370.0
BOTTOM WIDTH (FT)	11.0
BOTTOM LENGTH (FT)	36.0
TOTAL OPERATING VOL. REQUIRED (GAL)	30,000
MINIMUM OPERATING DEPTH (FT)	4
TOTAL VOL. PROVIDED (GAL)	45,000
TOTAL VOL. PROVIDED (GAL)	45,357
BOTTOM ELEVATION	2146.80

#### ESC BMP REFERENCE NOTES

- INSTALL TEMPORARY CONSTRUCTION ENTRANCE. SEE DETAIL, SHEET C2.0.
- WRAP DRYWELL/CATCH BASIN GRATE IN FILTER FABRIC UNTIL SITE IS STABILIZED.
- INSTALL 360 LF OF SILT FENCE ALONG THE EAST AND NORTH LIMITS OF DISTURBANCE. SEE DETAIL, SHEET C2.0.

**NOTE:**  
 1. CONTRACTOR SHALL ALSO INSTALL AT A MINIMUM, IDEQ BMP #12 "WASTE MANAGEMENT" (VOL. 2, PG 51) AND BMP #13 "CONCRETE WASTE MANAGEMENT" (VOL. 2, PG 53). SEE IDEQ STORMWATER BMP CATALOG FOR COMPLETE GUIDELINES



**KOLB WAREHOUSES**  
 SITE DISTURBANCE PLAN  
 KOOTENAI COUNTY, IDAHO

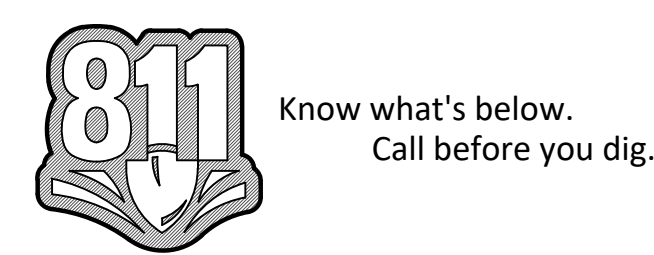
#### REVISIONS

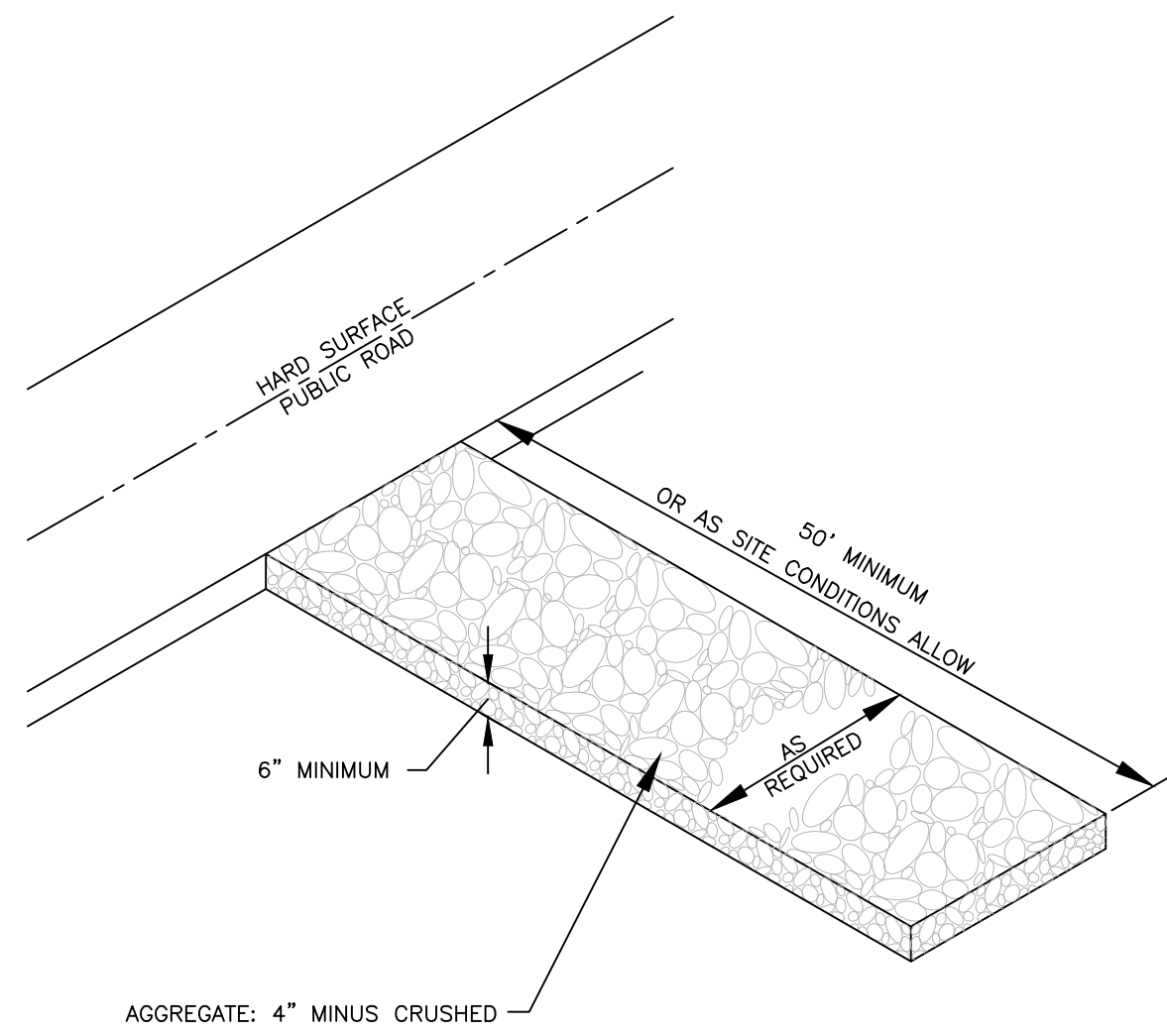
NO.	DATE	DESCRIPTION	BY
1	9/29/2023	ADDRESS COUNTY COMMENTS	GSJ
2	11/29/2023	BUILDING DIMENSION UPDATES	GSJ
3	7/30/2025	FIRE SUPPRESSION PRODUCTION DRAWING	SRP

DATE: 7/16/25	PROJECT: #23-025	BY:
PROJECT: #0-2900-10-006-AA	DRAWN: SMF	CSJ
CHECKED: MMH	PATN: PROJECTS 2023\23-025-0250-KOLB-WAREHOUSES\DWG\DWG1	SRP
PRODUCTION DRAWING		

**C1.0**  
 SHEET  
 1 OF 3

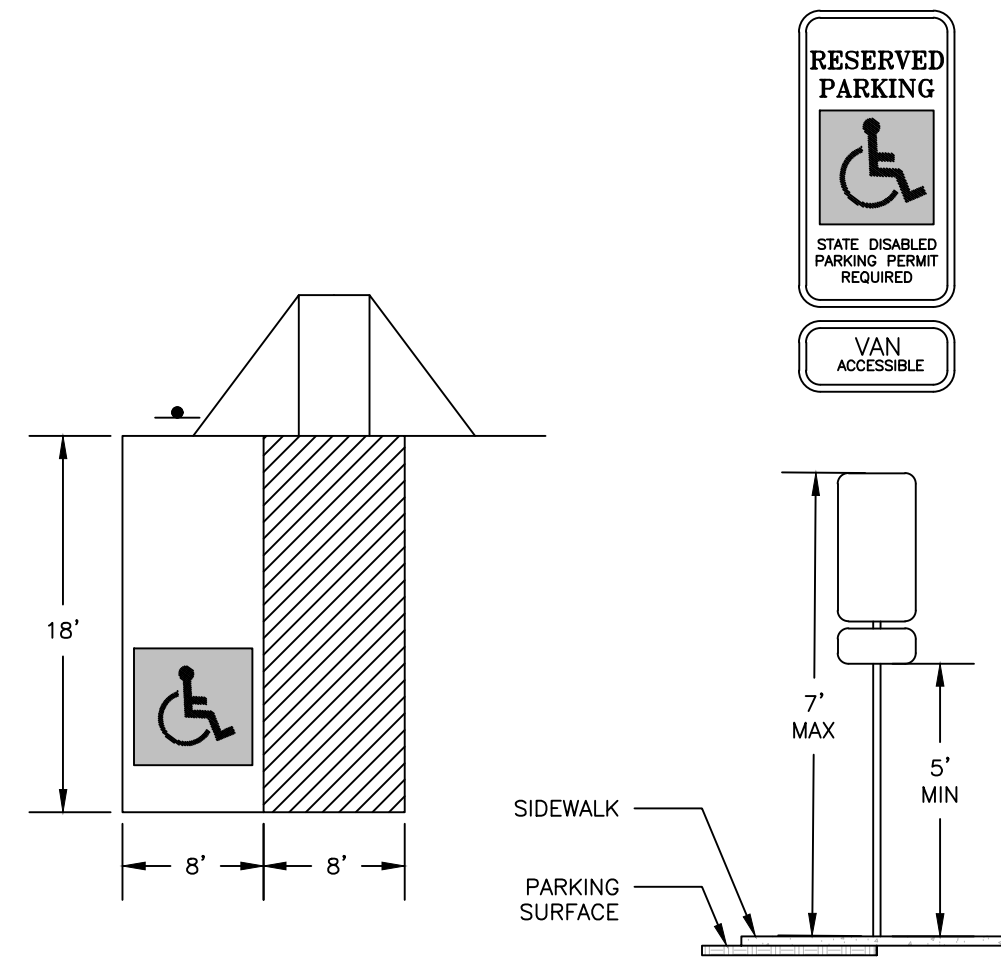
UNAUTHORIZED REPRODUCTION OR TRANSLATION OF ANY PART OF THIS WORK WITHOUT THE WRITTEN PERMISSION OF VAN HOUTEN CONSULTING AND DESIGN, LLC IS STRICTLY PROHIBITED.





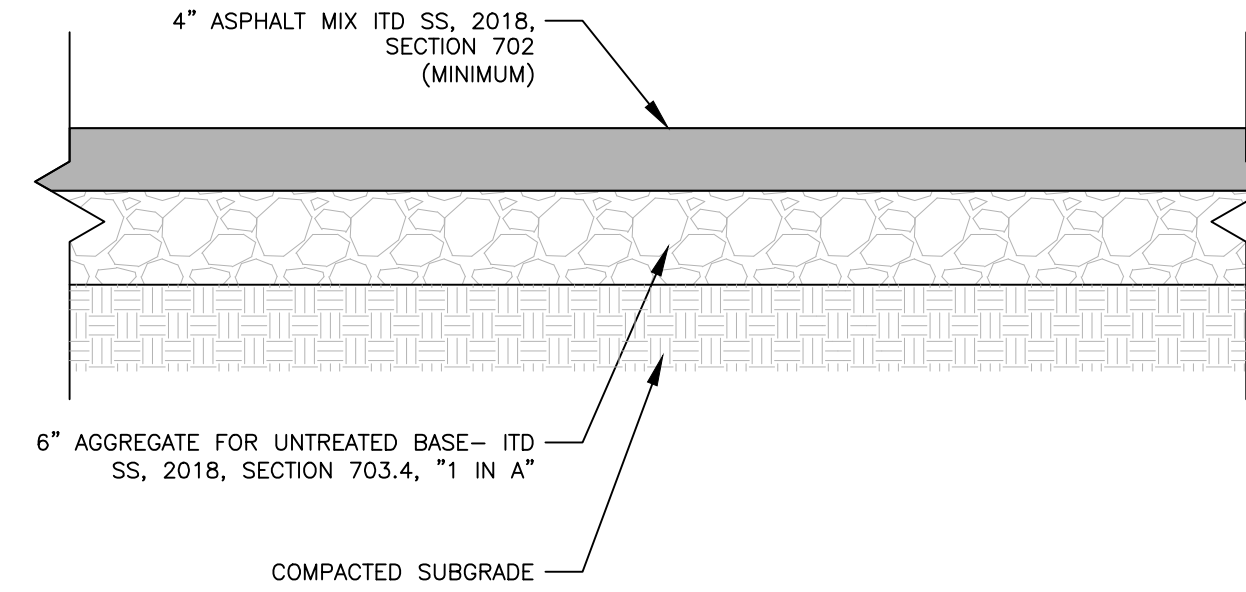
- NOTES:**
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 2" STONE, AS CONDITIONS DEMAND AND/OR CLEAN-OUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

**GRAVEL CONSTRUCTION ENTRANCE**  
N.T.S.



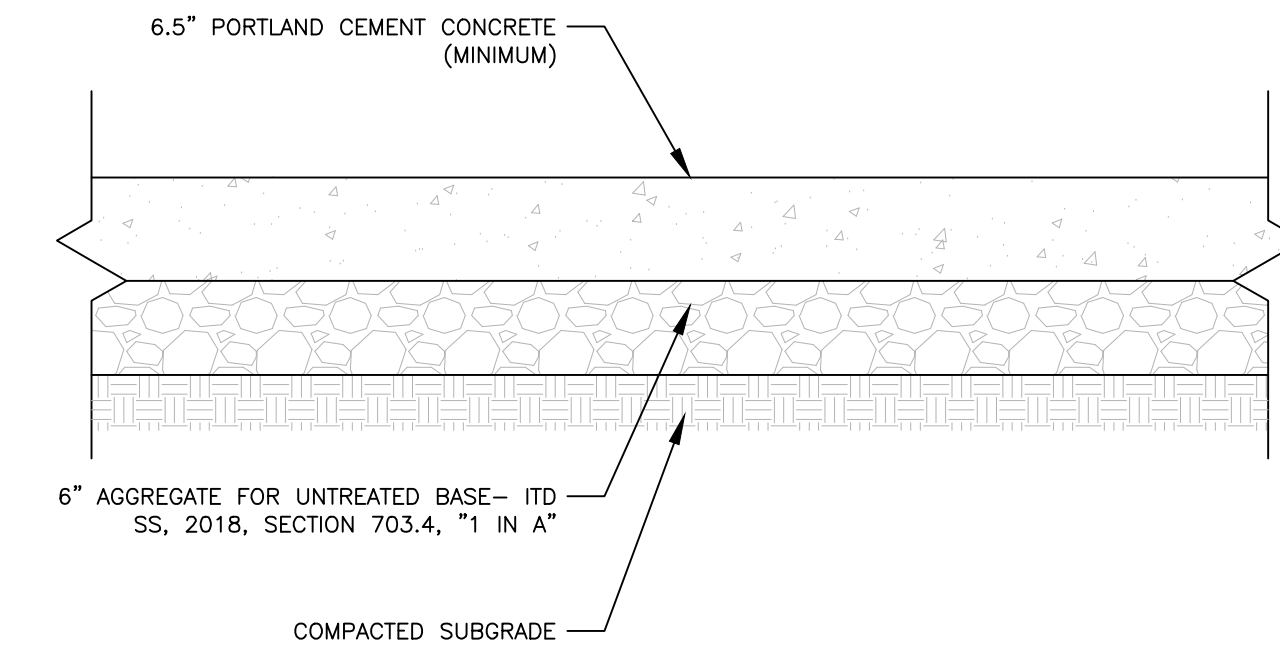
- NOTES:**
1. ALL STRIPING FOR ACCESSIBLE PARKING SHALL BE BLUE AND 4 INCHES IN WIDTH.
  2. ACCESSIBLE PARKING SPACES AND ACCESS AISLES SHALL BE LOCATED ON A SLOPE NOT TO EXCEED 1:48. PARKING SPACES AND ACCESS AISLES SHALL BE FIRM, STABLE, AND SMOOTH, AND SLIP-RESISTANT.
  3. CROSSHATCH STRIPING FOR ACCESS AISLE SHALL BE ON 24 INCH CENTERS, AND AT 45 DEGREES TO THE LONG AXIS AS ILLUSTRATED.
  4. VAN ACCESS AISLES SHALL BE A MINIMUM OF 8 FEET FOR AN 8 FOOT WIDE STALL OR 5 FEET MINIMUM FOR AN 11 FOOT WIDE STALL. ALL OTHER ACCESS AISLES SHALL BE A MINIMUM OF 5 FEET. THE FIRST REQUIRED ACCESS STALL SHALL BE VAN ACCESSIBLE WITH AISLE ON THE RIGHT.
  5. EACH STALL SHALL BE IDENTIFIED WITH AN APPROPRIATELY SIZED WHITE SYMBOL OF ACCESSIBILITY WITHIN A 60 IN. BY 60 IN. BLUE BOX BACKGROUND. THIS SYMBOL SHALL BE CENTERED WITHIN, AND NOT MORE THAN ONE FOOT FROM THE ENTRANCE OF THE STALL.
  6. ALL STRIPING DIMENSIONS PROVIDED ARE MINIMUM AND SHALL BE MEASURED ON CENTERS.
  7. EVERY PARKING SHALL BE IDENTIFIED BY A SIGN AS ILLUSTRATED.
  8. THE SIGN SHALL BE CLEARLY VISIBLE AT ALL TIMES, FIXED TO A POST OR PERMANENT STRUCTURE, AND LOCATED AS CLOSE TO EACH STALL AS POSSIBLE, BUT SHALL NOT BLOCK ANY DISABLED ACCESS ROUTE OR VEHICLE OVERHANG, AND IN NO CASE SHALL BE GREATER THAN 8 FEET FROM THE RESPECTIVE STALL.
  9. THE SIGN SHALL FACE PERPENDICULAR TO THE LONG AXIS OF THE STALL.
  10. THE SIGN HEIGHT REQUIREMENTS ARE AS ILLUSTRATED.

**PARKING STALLS ACCESSIBLE, OFF STREET**  
N.T.S.



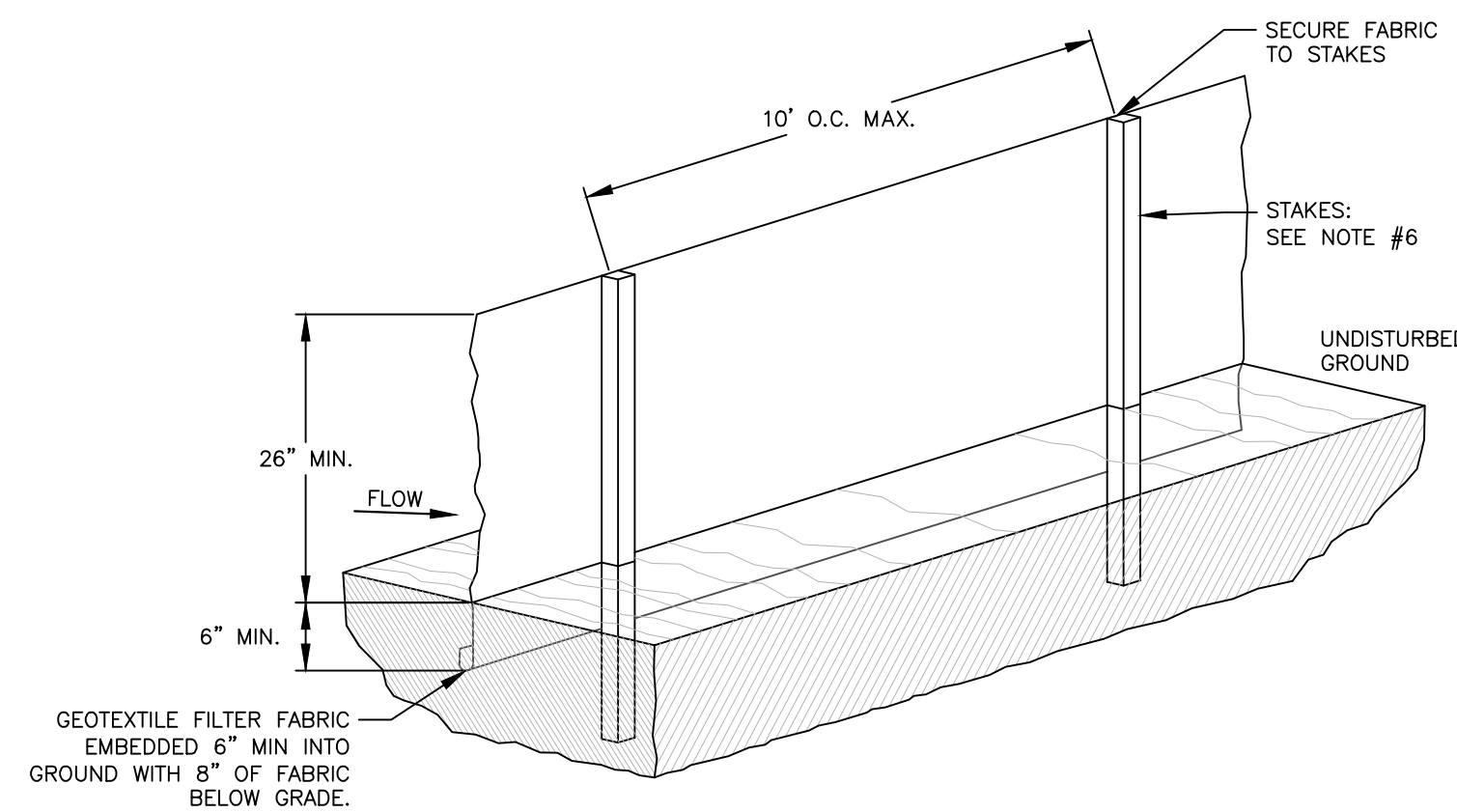
- NOTE:**
1. SEE GRADING AND PAVING NOTES, SHEET C1.0

**HEAVY ASPHALT PAVEMENT SECTION (TRUCK TRAFFIC AREAS)**  
N.T.S.



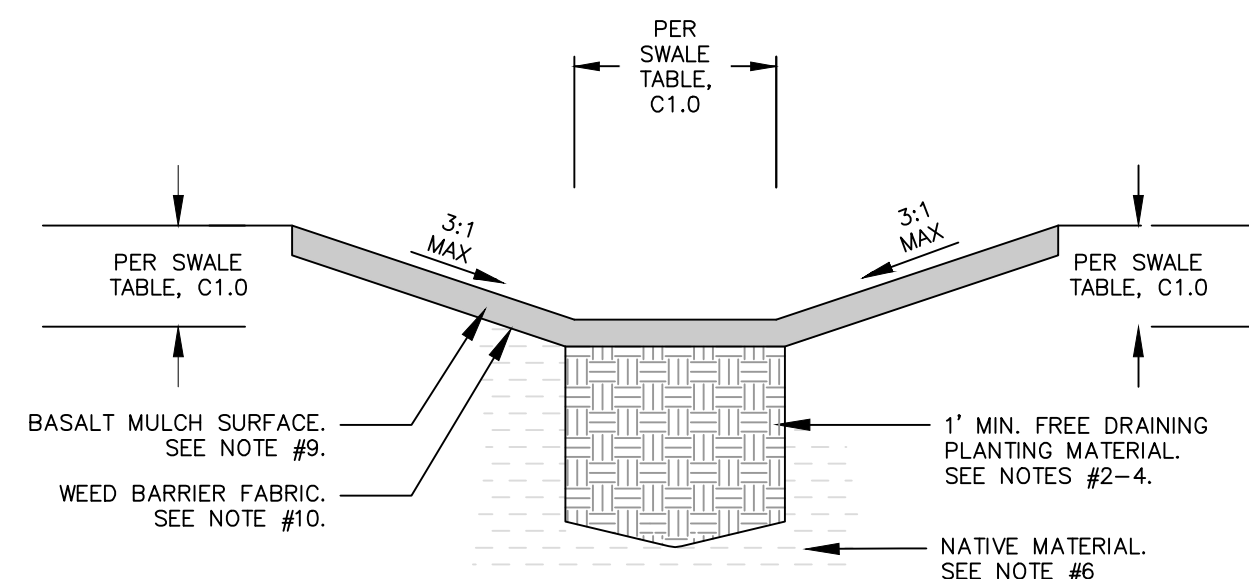
- NOTES:**
1. PORTLAND CEMENT CONCRETE SHOULD BE DESIGNED TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI AFTER 28 DAYS OF LABORATORY CURING.
  2. ADEQUATE REINFORCEMENT AND NUMBER OF LONGITUDINAL AND TRANSVERSE CONTROL JOINTS SHOULD BE PLACED IN THE RIGID PAVEMENT IN ACCORDANCE WITH ACI REQUIREMENTS.
  3. SEE GRADING AND PAVING NOTES, SHEET C1.0, FOR COMPLETE GUIDELINES.

**CONCRETE PAVEMENT SECTION (TRASH ENCLOSURE/LOADING DOCK AREA)**  
N.T.S.



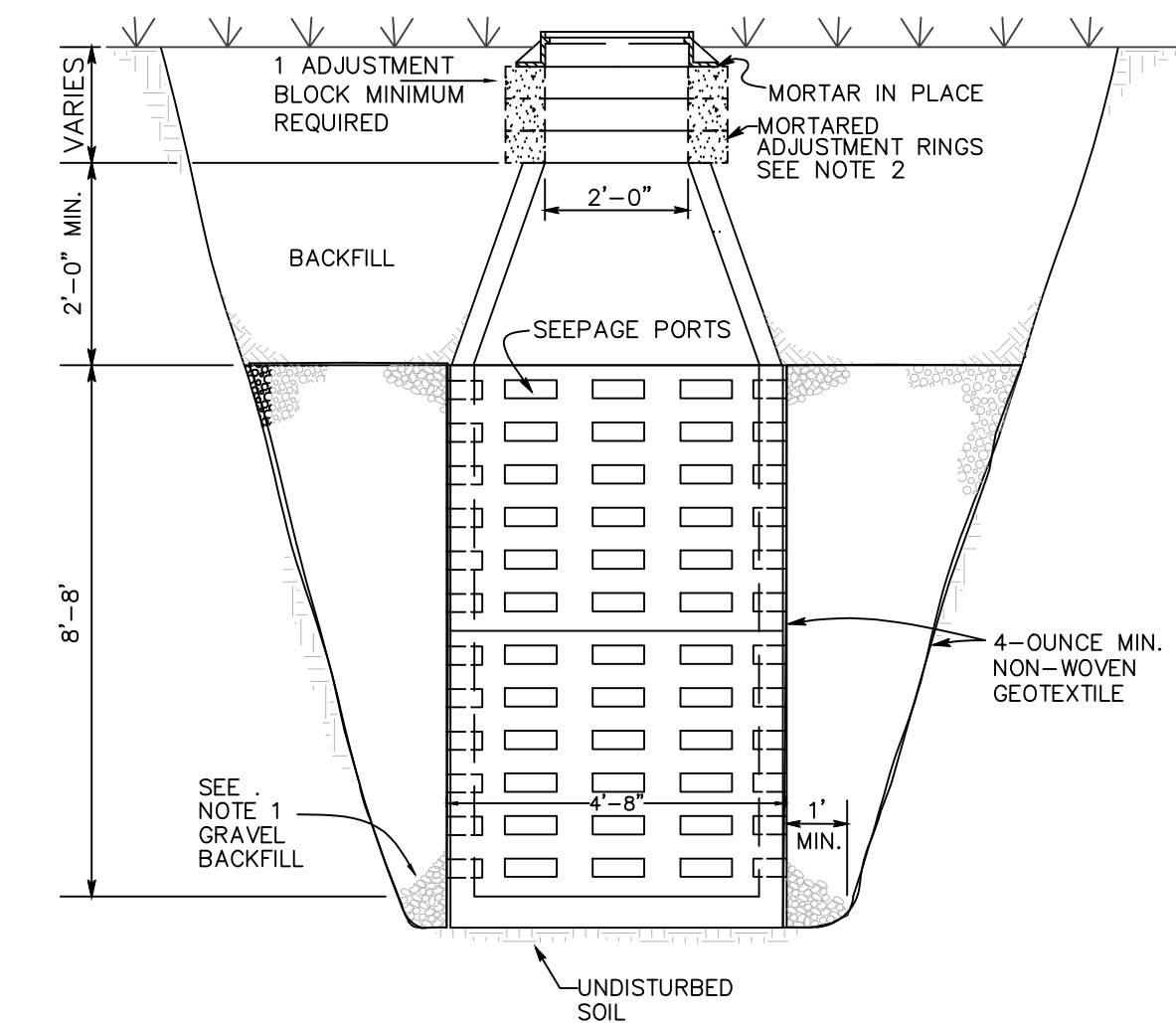
- NOTES:**
1. CONTRACTOR SHALL REFER TO IDEO MANUAL OF BMPS FOR COMPLETE SILT FENCE CONSTRUCTION GUIDELINES.
  2. SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE GROUND COVER IS REMOVED. CLEARING, GRUBBING, AND STUMPING CAN OCCUR BEFORE SILT FENCE INSTALLATION IF GROUND COVER IS NOT REMOVED.
  3. WHERE POSSIBLE, SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE.
  4. A RUN OF SILT FENCE SHOULD FOLLOW THE CONTOUR AS CLOSE AS POSSIBLE WITH THE ENDS TURNED UPSLOPE TO POND WATER BEHIND THE FENCE.
  5. THE SILT FENCE SHOULD BE BURIED AT LEAST 6" DEEP AND HAVE A TOTAL OF 8" OF FABRIC BELOW THE GROUND. THIS CAN BE ACCOMPLISHED WITH A TRENCHER, CABLE LAYING MACHINE, SLICING MACHINE OR OTHER SUITABLE DEVICE WHICH WILL ENSURE AN ADEQUATELY UNIFORM TRENCH DEPTH.
  6. THE STAKES SHALL BE PLACED ON THE DOWN SLOPE SIDE OF THE GEOTEXTILE. THE STAKES SHALL BE LATH OR 2X2 NOMINAL HARDWOOD STAKE OF SOUND QUALITY. T-POSTS MAY BE SUBSTITUTED IF GROUND CONDITIONS REQUIRE. EMBED POST 16" MIN. INTO GROUND.
  7. WHERE TWO SILT FENCE SECTIONS ARE COMBINED INTO ONE RUN THE END STAKES SHALL BE CONNECTED TOGETHER, NOT SIMPLY OVERLAPPED.
  8. CONTRACTOR SHALL INSPECT AND REPAIR THE SILT FENCE REGULARLY. SEDIMENT SHALL BE REMOVED PRIOR TO IT REACHING HALF THE HEIGHT OF THE FENCE.

**SILT FENCE**  
N.T.S.



- NOTES:**
1. SWALE BOTTOM ELEVATION ON PLAN IS TOP OF ROCK.
  2. REFER TO IDEO CATALOG OF BMPS FOR COMPLETE GIA CONSTRUCTION GUIDELINES.
  3. PLANTING MATERIAL SHALL BE 1" DEEP MINIMUM, UNLESS NOTED OTHERWISE, AND CAPABLE OF PROMOTING THE GROWTH OF DEEP ROOTED HEALTHY VEGETATION.
  4. SOIL SHALL BE CAPABLE OF INFILTRATING STORMWATER RUNOFF AT A MINIMUM RATE OF 2.0 INCHES PER HOUR.
  5. CLAY CONTENT IN THE SOIL SHALL NOT BE GREATER THAN 15%.
  6. SOIL IN THE GIA BOTTOM SHALL REMAIN UNCOMPACTED. HEAVY EQUIPMENT/MOTORIZED VEHICLES ARE NOT PERMITTED IN THE GIA AREA.
  7. FILL OTHER THAN THE PLANTING MATERIAL IN THE GIA BOTTOM, SHALL BE PLACED IN 12" LOOSE LIFTS AND SHALL BE COMPACTED TO AT LEAST 85% OF THE MODIFIED PROCTOR DRY DENSITY.
  8. IN THE EVENT THE SUB-GRADE SHOULD BE COMPACTED OR INSUFFICIENT PERCOLATION IS OBSERVED, TESTING OF THE SUB-GRADE MAY BE REQUIRED AT THE DISCRETION OF THE ENGINEER. IF SUFFICIENT PERCOLATION IS NOT OBSERVED, THE SUB-GRADE MUST BE REMOVED AND REPLACED, OR SCARIFIED TO A DEPTH OF 24" AND RETESTED.
  9. ROCK MULCH: 6" THICK LAYER OF 3"-4" DIA. CLEAN CRUSHED BASALT SHALL BE APPLIED TO ALL PLANTING AREAS. TOP OF MULCH SHALL BE FLUSH WITH FINISHED GRADES.
  10. WEED BARRIER SHALL BE COMMERCIAL GRADE WOVEN FABRIC WITH A MINIMUM WATER INFILTRATION RATE OF 10 GALLONS PER MINUTE PER SQUARE FOOT. INSTALL DEWITT PRO-5 WEED BARRIER OR APPROVED EQUAL.
  11. SEE LANDSCAPE PLANS, BY OTHERS, FOR PLANTINGS WITHIN THE DRAINAGE SWALE.

**DRAINAGE SWALE**  
N.T.S.

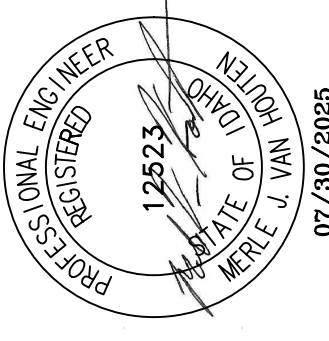


- NOTES:**
1. SPECIAL BACKFILL MATERIAL FOR DRYWELLS SHALL CONSIST OF WASHED GRAVEL GRADED FROM 1" TO 3" WITH A MAXIMUM OF 5% PASSING THE U.S. No. 200 SCREEN, AS MEASURED BY WEIGHT.
  2. GRAVEL BACKFILL QUANTITY FOR DRYWELLS:  
TYPE "A" - 30 CUBIC YARDS MINIMUM  
TYPE "B" - 40 CUBIC YARDS MINIMUM  
OR AS SPECIFIED ON PLANS
  3. ADJUSTMENT BLOCKS SHALL BE CEMENT CONCRETE. ONE BLOCK MINIMUM REQUIRED.

**TYPE B DRYWELL**  
N.T.S.



Consulting & Design  
**VAN HOUTEN**  
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COEUR D'ALENE, ID 83814  
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**KOLB WAREHOUSES**  
DETAILS

KOOTENAI COUNTY, IDAHO

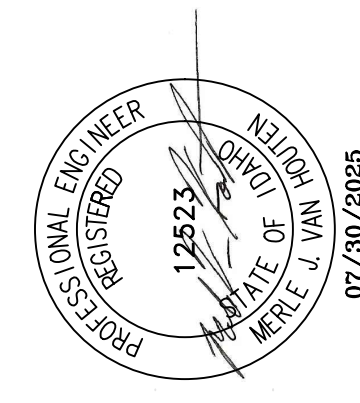
NO.	DATE	DESCRIPTION	BY
1	9/29/2023	ADDRESS COUNTY COMMENTS	GSJ
2	11/29/2023	BUILDING DIMENSION UPDATES	GSJ
3	7/30/2025	FIRE SUPPRESSION	SRP

DATE 07/30/25	PROJECT #23-025
PARCEL #2900-10-008-AA	DRAWN SRP
CHECKED MMH	DATE 11/29/2023
PATH: PROJECTS\2023\23-025-0250-KOLB WAREHOUSE\DWG\DWG	

**C2.0**  
SHEET  
2 OF 3

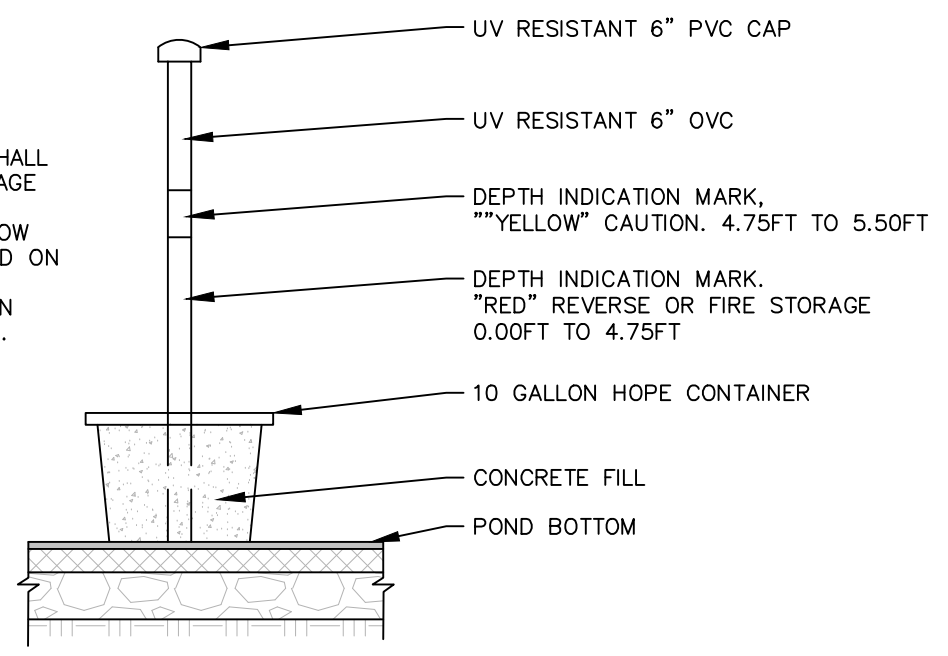


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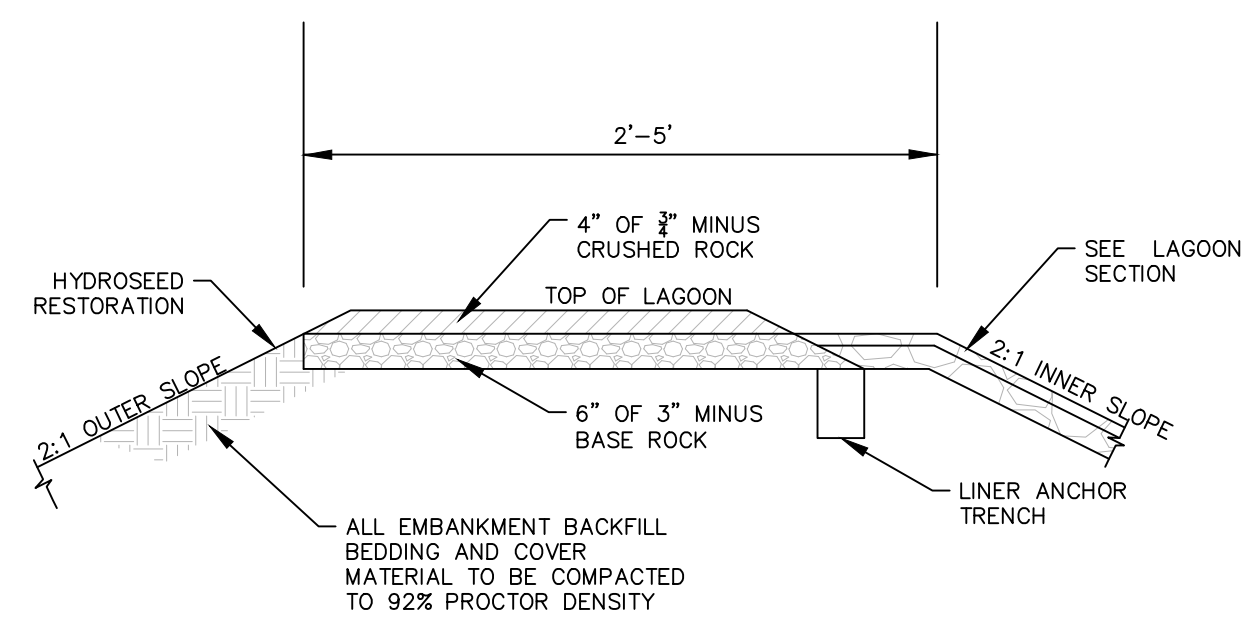


**KOLB WAREHOUSES  
 DETAILS**  
 KOOTENAI COUNTY, IDAHO

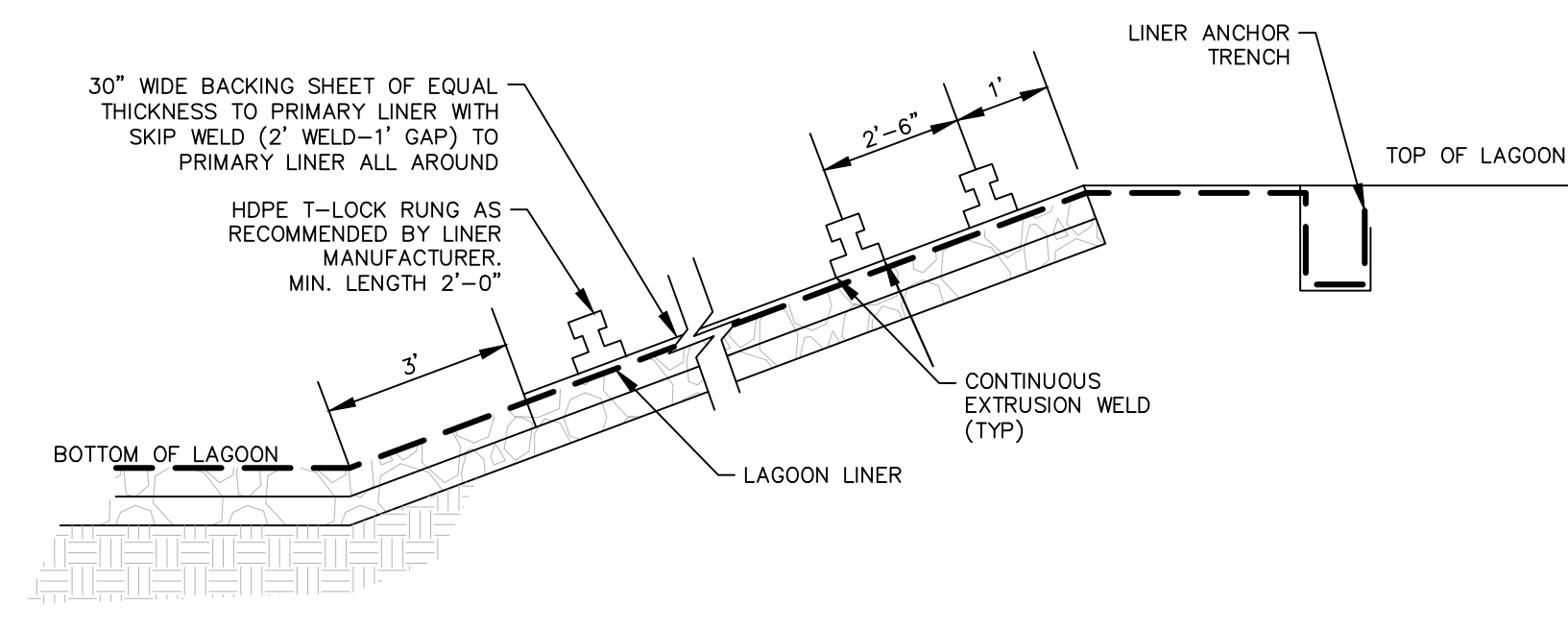
- NOTES**
1. DEPTH INDICATION POST SHALL BE PLACED IN FREE STORAGE POND
  2. 30,000 GALLONS AND BELOW SHALL BE CLEARLY MARKED ON THE POST IN RED.
  3. PLACE POST IN A LOCATION FREE FROM OBSTRUCTIONS.



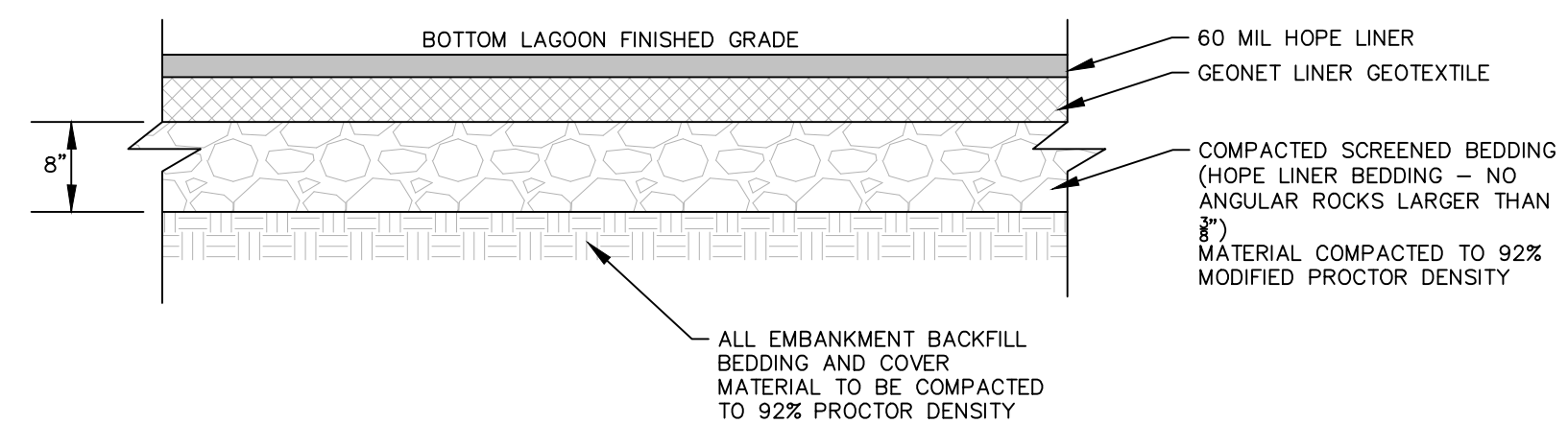
**TYPICAL DEPTH INDICATION POST**  
 N.T.S



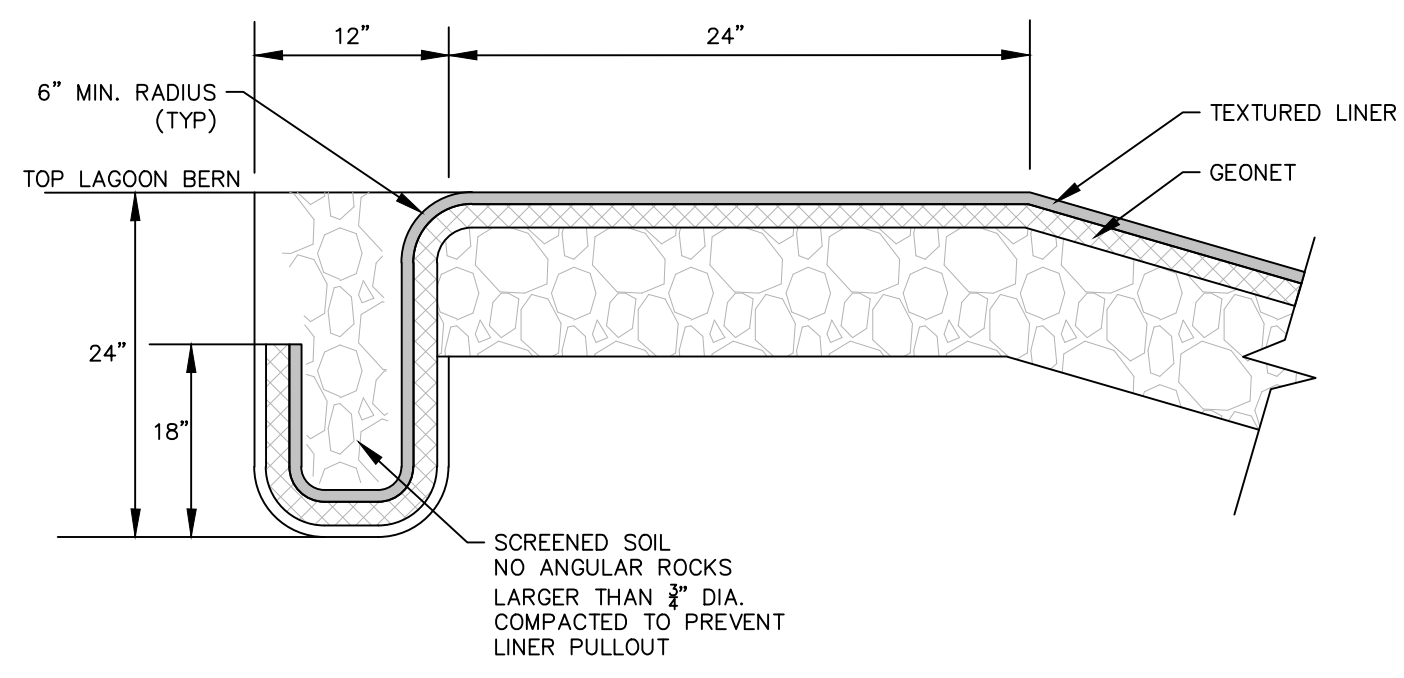
**OUTER BERM SECTION DETAIL**  
 N.T.S



**SAFETY LADDER DETAIL**  
 N.T.S



**LINER SECTION DETAIL**  
 N.T.S



**LINER ANCHOR TRENCH DETAIL**  
 N.T.S

REVISIONS		DATE	DESCRIPTION	BY
1	ADDRESS COUNTY COMMENTS	9/29/2023	CSJ	CSJ
2	BUILDING DIMENSION UPDATES	11/29/2023	CSJ	CSJ
3	FIRE SUPPRESSION	7/30/2025	SRP	SRP

07/30/2025	PROJECT #23-025	BY	CSJ
	PARCEL #P-2900-10-006-AA	DESCRIPTION	CSJ
	DRAWN SRP	ADDRESS COUNTY COMMENTS	CSJ
	CHECKED MMH	BUILDING DIMENSION UPDATES	CSJ
		FIRE SUPPRESSION	SRP
		PRODUCTION DRAWINGS	



Know what's below.  
 Call before you dig.

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