RECEIVING & WAREHOUSE EXPANSION

WEST POINT DAIRY PRODUCTS

HYRUM, UTAH

PROJECT INFORMATION

SITE INFORMATION:

LEGAL DESCRIPTION: A PART OF THE SW 1/4 OF SECTION 32, TOWNSHIP 11 NORTH, RANGE 1 EAST OF THE SALT LAKE BASE AND MERIDIAN. (THE BASIS OF BEARINGS IS THE UTAH COORDINATE SYSTEM 1983 NORTH ZONE)

PROPERTY AREA: 1,137,375 S.F. (26.11 ACRES)

EXISTING ZONING: M-2 (MANUFACTURING - MEDIUM TO HEAVY)

PROPOSED ZONING: M-2 (MANUFACTURING - MEDIUM TO HEAVY)

PROPOSED USE: MANUFACTURING

AREA OF SITE DISTURBANCE: 126,000 S.F. (2.89 ACRES)

SETBACKS:
BUILDING: FRONT (WEST) = 30'
STREET (NORTH) = 30'

PAVEMENT: FRONT (WEST) = 10'
STREET (NORTH) = 10'
SIDE (EAST) = 10'
REAR (SOUTH) = 10'

BUFFERYARDS:
ROAD (NORTH/WEST) = 10'

PROPOSED BUILDING HEIGHT: 36' (MAX. HEIGHT ALLOWED: NO MAXIMUM)

PARKING REQUIRED: 1 SPACE PER EMPLOYEE ON LARGEST SHIFT (110 SPACES REQ.)

PARKING PROVIDED: 126 SPACES (5 H.C. ACCESSIBLE)

HANDICAP STALLS REQUIRED: 5, HANDICAP STALLS PROVIDED: 5

BUILDING OCCUPANCY CLASSIFICATION = B, F-1, S-1

CLASS OF BUILDING CONSTRUCTION = TYPE II(B)

EXISTING SITE DATA

	AREA (AC)	AREA (SF)	RATIO
BUILDING FLOOR AREA	3.13	136,390	12.0%
PAVEMENT (ASP. & CONC.)	11.63	506,489	44.5%
TOTAL IMPERVIOUS	14.76	642,879	56.5%
LANDSCAPE/ OPEN SPACE	11.35	494,496	43.5%
PROJECT SITE	26.11	1,137,375	100.0%

PROPOSED SITE DATA

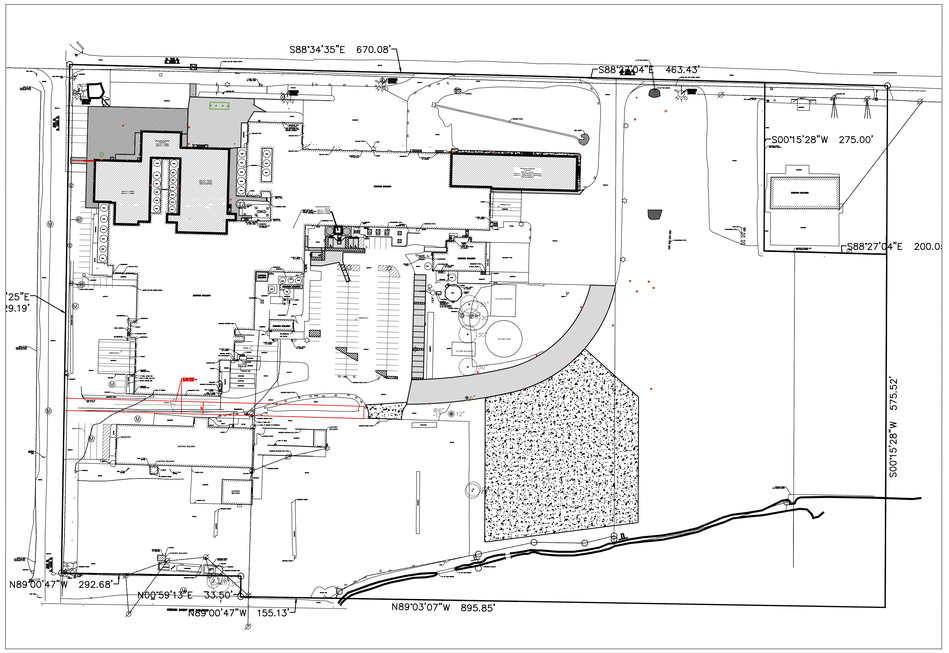
	AREA (AC)	AREA (SF)	RATIO
BUILDING FLOOR AREA	3.86	167,939	14.8%
PAVEMENT (ASP. & CONC.)	12.25	533,484	46.9%
TOTAL IMPERVIOUS	16.10	701,423	61.7%
LANDSCAPE/ OPEN SPACE	10.01	435,952	38.3%
PROJECT SITE	26.11	1,137,375	100.0%

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511

TOLL FREE TELEFAX (414) 259-0947
TDD (FOR THE HEARING IMPAIRED)
1-800 542-2289

WISCONSIN STATUTE 182.0175 (1974) REQUIRES MINIMUM OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE



NORTH

SITE PLAN OVERVIEW
SCALE: 1"= 100'
100' 0 100' 200'

LEGEND

NOTE: ALL SYMBOLS SHOWN MAY NOT APPEAR ON DRAWINGS.

SYM.	IDENTIFICATION	SYM.	IDENTIFICATION
SPOT ELEVATIONS			
000.00	PROPOSED SPOT ELEVATIONS (FLOW LINE OF CURB UNLESS OTHERWISE SPECIFIED)	000.00 TC / 000.00 FL	PROPOSED SPOT ELEVATIONS (TOP OF CURB, FLOWLINE OF CURB)
000.00 EG	EXISTING GRADE SPOT ELEVATIONS		
000.00 BG / 000.00 FG	PROPOSED SPOT ELEVATIONS (REFERENCE R-WALL DETAIL) BG-FINISHED SURFACE GRADE AT BACK OF WALL FG-FINISHED SURFACE GRADE AT FRONT OF WALL	000.00 TW / 000.00 BW	PROPOSED SPOT ELEVATIONS (TOP OF WALK, BOTTOM OF WALK @ FLOWLINE)
EXISTING SITE SYMBOLS			
	EXISTING SIGN		EXISTING UTILITY POLE
	EXISTING HANDICAP PARKING STALL		EXISTING UTILITY POLE WITH GUY WIRE
	EXISTING WATER VALVE IN BOX		EXISTING STREET LIGHT
	EXISTING WATER VALVE IN MANHOLE		EXISTING TELEPHONE PEDESTAL
	EXISTING WATER SERVICE VALVE		EXISTING ELECTRIC PEDESTAL
	EXISTING WELL		EXISTING ELECTRIC BOX
	EXISTING STORM CATCH BASIN		EXISTING FLOOD LIGHT
	EXISTING STORM CURB INLET		EXISTING TELEPHONE MANHOLE
	EXISTING SQUARE CATCH BASIN		EXISTING CABLE TV PEDESTAL
	EXISTING LIGHT POLE		EXISTING GAS VALVE
	1-1/4" REBAR SET WEIGHING 4.30 LB/FT.		EXISTING HEDGE
	3/4" REBAR SET WEIGHING 1.50 LB/FT.		EXISTING WOODED AREA
	1-1/4" REBAR FOUND		EXISTING MARSH AREA
	3/4" REBAR FOUND		EXISTING DECIDUOUS TREE WITH TRUNK DIAMETER
	2" IRON PIPE FOUND		EXISTING CONIFEROUS TREE
	1" IRON PIPE FOUND		EXISTING SHRUB
	SECTION CORNER		EXISTING STUMP
PROPOSED SITE SYMBOLS			
	PROPOSED SIGN		PROPOSED STORM FIELD INLET - ST FI
	PROPOSED HANDICAP PARKING STALL		PROPOSED LIGHT POLE
	PROPOSED WATER VALVE IN BOX		PROPOSED DRAINAGE FLOW
	PROPOSED WATER VALVE IN MANHOLE		PROPOSED APRON END SECTION
	PROPOSED WATER SERVICE VALVE		SOIL BORING
	PROPOSED WELL		CENTER LINE
	PROPOSED STORM CATCH BASIN - ST CB	CO	PROPOSED CLEANOUT
	PROPOSED STORM CURB INLET - ST CI	DSG	PROPOSED DOWNSPOUT TO GRADE
		DSR	PROPOSED DOWNSPOUT TO RISER
EXISTING LINETYPES			
	EXISTING CHAINLINK FENCE	POL	EXISTING POLISH SEWER AND MANHOLE
	EXISTING WOOD FENCE	P	EXISTING PROCESS SEWER AND MANHOLE
	EXISTING BARBED WIRE FENCE	CLW	EXISTING CLEAR WATER LINE
	EXISTING CURB AND GUTTER	FO	EXISTING UNDERGROUND FIBER OPTIC LINE
	EXISTING GUARD RAIL	E	EXISTING UNDERGROUND ELECTRIC CABLE
800	EXISTING GROUND CONTOUR	T	EXISTING UNDERGROUND TELEPHONE CABLE
ST	EXISTING STORM SEWER AND MANHOLE	G	EXISTING UNDERGROUND GAS LINE
SA	EXISTING SANITARY SEWER AND MANHOLE	OU	EXISTING OVERHEAD UTILITY LINE
	EXISTING WATER LINE AND HYDRANT		RAILROAD TRACKS
	INTERIOR PROPERTY LINE		RIGHT-OF-WAY LINE
PROPOSED LINETYPES			
	PROPOSED CHAINLINK FENCE	POL	PROPOSED POLISH SEWER AND MANHOLE
	PROPOSED WOOD FENCE	P	PROPOSED PROCESS SEWER AND MANHOLE
	PROPOSED BARBED WIRE FENCE	CLW	PROPOSED CLEAR WATER LINE
	PROPOSED CURB AND GUTTER	FO	PROPOSED UNDERGROUND FIBER OPTIC LINE
	PROPOSED GUARD RAIL	E	PROPOSED UNDERGROUND ELECTRIC CABLE
800	PROPOSED GROUND CONTOUR	T	PROPOSED UNDERGROUND TELEPHONE CABLE
ST	PROPOSED STORM SEWER AND MANHOLE - ST MH	G	PROPOSED UNDERGROUND GAS LINE
SA	PROPOSED SANITARY SEWER AND MANHOLE - SAN MH	OU	PROPOSED OVERHEAD UTILITY LINE
	PROPOSED WATER LINE AND HYDRANT		MATCHLINE
	PROPOSED PROPERTY LINE		GRADING/SEEDING LIMITS

PROJECT CONTACTS

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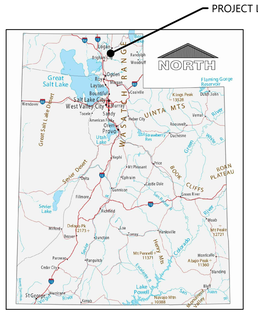
LOCATION MAP

PROJECT LOCATION


NORTH
Great Salt Lake
Logan
Salt Lake City
West Valley City
Provo
Orem
Sandy
Ogden
Layton
Bountiful
Tooele
Vernal
Price
Roosevelt
Richfield
Delta
Fillmore
Cedar City
St. George
Kanab
Moab
Monticello
Blanding
Green River
Manti
Nephi
Heber City
Park City
Kamas
Evanston
Lake Powell
Flaming Gorge Reservoir
Uinta Mts
Wasatch Range
Book Cliffs
Tavaputs Plateau
Roan Cliffs
Wasatch Plateau
Pavant Range
Tushar Mts
Henry Mts
Abajo Mts
Navajo Mtn
Kaibab Plateau
Vernal Plateau
Uinta Basin
Sevier Plateau
Markagunt Plateau
Paunsaugunt Plateau
Aquarius Plateau
Escalante Desert
Sevier Desert
Great Salt Lake Desert
Tavaputs Plateau
Green River
Colorado River
Bear River
Sevier River
Virgin River
Escalante River
San Rafael River
Dolores River
Duchesne River
Weber River
Provo River
Jordan River
Sanpete Valley
Cache Valley
Ashley Valley
Uinta Valley
Wasatch Mts

CIVIL SPECIFICATIONS

DIVISION 31 EARTH WORK

31 10 00 SITE CLEARING (DEMOLITION)

A. CONTRACTOR SHALL CALL BLUE STAKES OF UTAH 811 AND CONDUCT A PRIVATE UTILITY LOCATE AS REQUIRED TO ENSURE THAT ALL UTILITIES HAVE BEEN LOCATED BEFORE STARTING SITE DEMOLITION. DESIGN ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BETWEEN PLAN AND FIELD CONDITIONS PRIOR TO CONSTRUCTION.
B. CONTRACTOR TO FIELD TELEVISE ALL EXISTING SANITARY AND STORM LATERALS THAT ARE SCHEDULED TO BE RE-USED AND/OR CONNECTED TO ON SITE AT TIME OF DEMOLITION. THE TELEVISING SHALL BE COMPLETED TO ENSURE THE EXISTING LATERAL(S) ARE FREE OF OBSTRUCTIONS AND IN SOUND STRUCTURAL CONDITION. TELEVISING OF THESE LATERAL(S) SHOULD BE COMPLETED AT BEGINNING OF CONSTRUCTION AND DESIGN ENGINEER SHALL BE NOTIFIED OF ANY PIPE OBSTRUCTIONS AND/OR STRUCTURAL DEFICIENCIES IMMEDIATELY AFTER COMPLETION OF FIELD TELEVISING.
C. DEMOLITION PLAN IS AN OVERVIEW OF DEMOLITION TO TAKE PLACE ON SITE. CONTRACTOR TO FIELD VERIFY EXISTING SITE CONDITIONS PRIOR TO BIDDING. CONTRACTOR SHALL REMOVE, REPLACE, OR DEMOLISH ALL ITEMS AS NEEDED DURING CONSTRUCTION.
D. CONTRACTOR TO PROTECT EXISTING IMPROVEMENTS THAT ARE SCHEDULED TO REMAIN. ANY DAMAGE TO EXISTING FACILITIES SHALL BE REPLACED AT CONTRACTORS EXPENSE.
E. ALL CONCRETE NOTED TO BE REMOVED SHALL BE REMOVED TO THE NEAREST CONTROL JOINT.

31 20 00 EARTH MOVING

A. CONTRACTOR SHALL CALL BLUE STAKES OF UTAH 811 AND CONDUCT A PRIVATE UTILITY LOCATE AS REQUIRED TO ENSURE THAT ALL UTILITIES HAVE BEEN LOCATED BEFORE STARTING EXCAVATION. DESIGN ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BETWEEN PLAN AND FIELD CONDITIONS PRIOR TO CONSTRUCTION.
B. PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT FOR ALL EXCAVATION, GRADING, FILL AND BACKFILL WORK AS REQUIRED TO COMPLETE THE GENERAL CONSTRUCTION WORK. ALL EXCAVATION AND BACKFILL FOR ELECTRICALS AND MECHANICALS ARE THE RESPONSIBILITY OF THE RESPECTIVE CONTRACTOR UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS.
C. ALL ORGANIC TOPSOIL INSIDE THE BUILDING AREA, UNDER PAVED AREAS, AND AT SITE FILL AREAS SHALL BE REMOVED. PROOF ROLL SUBGRADES BEFORE PLACING FILL WITH HEAVY PNEUMATIC-TIRED EQUIPMENT, SUCH AS A FULLY-LOADED TANDEM AXLE DUMP TRUCK. TO IDENTIFY SOFT POCKETS AND AREAS OF EXCESS YIELDING. CONTRACTOR SHALL VERIFY TOPSOIL DEPTHS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL REVIEW AND FOLLOW THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT AND ACCOUNT FOR EXISTING CONDITIONS PRIOR TO SUBMITTING BID FOR THE PROJECT. EXCESS MATERIALS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE DIRECTED IN THE PLANS OR BY LOCAL ZONING REQUIREMENTS.
D. PLACE AND COMPACT FILL MATERIAL IN LAYERS TO REQUIRED ELEVATIONS. UNIFORMLY MOISTEN OR AERATE SUBGRADE AND EACH SUBSEQUENT FILL OR BACKFILL LAYER BEFORE COMPACTION AS RECOMMENDED TO ACHIEVE SPECIFIED DRY DENSITY. REMOVE AND REPLACE, OR SCARIFY AND AIR DRY, OTHERWISE SATISFACTORY SOIL MATERIAL THAT IS TOO WET TO COMPACT TO SPECIFIED DRY DENSITY.
E. PLACE BACKFILL AND FILL MATERIALS IN LAYERS NOT MORE THAN 8" IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HEAVY COMPACTION EQUIPMENT, AND NOT MORE THAN 4" IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HAND-OPERATED TAMPERS.
F. COMPACT THE SOIL TO NOT LESS THAN THE FOLLOWING PERCENTAGES OF MAXIMUM DRY DENSITY ACCORDING TO ASTM D 698, STANDARD PROCTOR TEST. FILL MAY NOT BE PLACED ON FROZEN GROUND AND NO FROZEN MATERIALS MAY BE USED FOR BACK FILL. APPLY THE MORE STRINGENT REQUIREMENTS WHEN COMPARING BETWEEN THE FOLLOWING AND THE GEOTECHNICAL REPORT.
   1. UNDER FOUNDATIONS - SUBGRADE, AND EACH LAYER OF BACKFILL OR FILL MATERIAL TO NOT LESS THAN 98 PERCENT.
   2. UNDER INTERIOR SLAB-ON-GRADE WHERE GROUNDWATER IS MORE THAN 3 FEET BELOW THE SLAB - PLACE A DRAINAGE COURSE LAYER OF 3/4" CRUSHED STONE, WITH 5% TO 12% FINES, PER THICKNESS INDICATED ON FOUNDATION PLANS ON PREPARED SUBGRADE. COMPACT THE SUBGRADE AND DRAINAGE COURSE TO NOT LESS THAN 95 PERCENT.
   3. UNDER INTERIOR SLAB-ON-GRADE WHERE GROUNDWATER IS WITHIN 3 FEET OF THE SLAB SURFACE - PLACE A DRAINAGE COURSE LAYER OF CLEAN 3/4" CRUSHED STONE, WITH NO MORE THAN 5% FINES, PER THICKNESS INDICATED ON FOUNDATION PLANS ON PREPARED SUBGRADE. COMPACT THE SUBGRADE AND DRAINAGE COURSE TO NOT LESS THAN 95 PERCENT.
   4. UNDER EXTERIOR CONCRETE AND ASPHALT PAVEMENTS - COMPACT THE SUBGRADE AND EACH LAYER OF BACKFILL OR FILL MATERIAL TO NOT LESS THAN 95 PERCENT.
   5. UNDER WALKWAYS - COMPACT SUBGRADE AND EACH LAYER OF BACKFILL OR FILL MATERIAL TO NOT LESS THAN 95 PERCENT.
   6. UNDER LAWN OR UNPAVED AREAS - COMPACT SUBGRADE AND EACH LAYER OF BACKFILL OR FILL MATERIAL TO NOT LESS THAN 85 PERCENT.
G. CONTRACTOR SHALL ENGAGE A QUALIFIED INDEPENDENT TESTING AND INSPECTING AGENCY TO PERFORM FIELD TESTS AND INSPECTIONS. CONTRACTOR SHALL PROVIDE DOCUMENTATION OF PASSING DENSITY TESTING AND PROOF-ROLLING TO ENGINEER UPON COMPLETION. IT IS SUGGESTED THAT THE GEOTECHNICAL FIRM USED TO PERFORM THE SUBSURFACE SOIL INVESTIGATION BE ENGAGED FOR THE FIELD QUALITY CONTROL TESTS. THE GEOTECHNICAL REPORT WAS PERFORMED BY TERRACON CONSULTANTS, INC.
H. ALLOW THE TESTING AGENCY TO TEST AND INSPECT SUBGRADES AND EACH FILL OR BACKFILL LAYER. PROCEED WITH SUBSEQUENT EARTHWORK ONLY AFTER TEST RESULTS FOR PREVIOUSLY COMPLETED WORK COMPLY WITH REQUIREMENTS. PROVIDE ONE TEST FOR EVERY 2000 SQUARE FEET OF PAVED AREA OR BUILDING SLAB, ONE TEST FOR EACH SPREAD FOOTING, AND ONE TEST FOR EVERY 50 LINEAR FEET OF WALL STRIP FOOTING.
I. WHEN THE TESTING AGENCY REPORTS THAT SUBGRADES, FILLS, OR BACKFILLS HAVE NOT ACHIEVED DEGREE OF COMPACTION SPECIFIED, SCARIFY AND MOISTEN OR AERATE, OR REMOVE AND REPLACE SOIL TO DEPTH REQUIRED; RECOMPACT AND RETEST UNTIL SPECIFIED COMPACTION IS OBTAINED.
J. THE BUILDING SITE SHALL BE GRADED TO PROVIDE DRAINAGE AWAY FROM THE BUILDING AS INDICATED ON THE PLANS. SITE EARTHWORK SHALL BE GRADED TO WITHIN 0.10' OF REQUIRED EARTHWORK ELEVATIONS ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE GRADING PLAN.

31 30 00 EROSION CONTROL/STORMWATER MANAGEMENT

A. THE EXCEL ENGINEERING DESIGN ENGINEER SHALL PREPARE A SITE SPECIFIC EROSION CONTROL AND A STORMWATER MANAGEMENT PLAN PER UTAH DEQ STANDARDS. THE DESIGN ENGINEER SHALL ALSO FILE A CONSTRUCTION NOTICE OF INTENT WITH UTAH DEQ.
B. THE CONTRACTOR SHALL KEEP THE NOTICE OF INTENT PERMIT, APPROVED EROSION CONTROL AND STORMWATER MANAGEMENT PLANS, AND PLAN AMENDMENTS ON THE CONSTRUCTION SITE AT ALL TIMES UNTIL PERMIT COVERAGE IS TERMINATED.
C. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL LOCAL EROSION CONTROL PERMITS.
D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING UTAH DEQ'S MONITORING, MAINTENANCE, AND REPORTING REQUIREMENTS. INSPECTIONS OF IMPLEMENTED EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES MUST AT A MINIMUM BE INSPECTED EVERY 7 DAYS AND WITHIN 24 HOURS AFTER A PRECIPITATION EVENT OF 0.5" OR MORE. A PRECIPITATION EVENT MAY BE CONSIDERED TO BE THE TOTAL AMOUNT OF PRECIPITATION RECORDED IN ANY CONTINUOUS 24-HOUR PERIOD. THE CONTRACTOR SHALL REPAIR OR REPLACE EROSION AND SEDIMENT CONTROL AS NECESSARY WITHIN 24 HOURS OF AN INSPECTION OR AFTER A DEPARTMENT NOTIFICATION WHERE REPAIR OR REPLACEMENT IS REQUESTED.
E. THE CONTRACTOR SHALL MAINTAIN, AT THE CONSTRUCTION SITE, WEEKLY WRITTEN REPORTS OF ALL INSPECTIONS CONDUCTED. WEEKLY INSPECTION REPORTS SHALL INCLUDE ALL OF THE FOLLOWING.
   1. THE DATE, TIME, AND LOCATION OF THE CONSTRUCTION SITE INSPECTION.
   2. THE NAME OF THE INDIVIDUAL WHO PERFORMED THE INSPECTION.
   3. AN ASSESSMENT OF THE CONDITION OF THE EROSION AND SEDIMENT CONTROLS.
   4. A DESCRIPTION OF ANY EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICE IMPLEMENTATION AND MAINTENANCE PERFORMED.
   5. A DESCRIPTION OF THE PRESENT PHASE OF LAND DISTURBING CONSTRUCTION ACTIVITY AT THE CONSTRUCTION SITE.
F. EROSION AND SEDIMENT CONTROL IMPLEMENTED DURING CONSTRUCTION SHALL STRICTLY COMPLY WITH THE GUIDELINES AND REQUIREMENTS SET FORTH IN UTAH DEQ - DIVISION OF WATER QUALITY MANAGEMENT. THE METHODS AND TYPES OF EROSION CONTROL WILL BE DEPENDENT ON THE LOCATION AND TYPE OF WORK INVOLVED. ALL SEDIMENT CONTROL MEASURES SHALL BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION, AND INSTALLED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL, BELOW IS A LIST OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES TO ACHIEVE THE REQUIRED STANDARDS REQUIRED.
   1. SILT FENCE SHALL BE PLACED ON SITE AT LOCATIONS SHOWN ON THE EROSION CONTROL PLAN. SILT FENCE SHALL ALSO BE PROVIDED AROUND THE PERIMETER OF ALL SOIL STOCKPILES. INSTALL PER UTAH DEQ STANDARDS AND SPECIFICATIONS.
   2. DITCH CHECKS SHALL BE PROVIDED TO REDUCE THE VELOCITY OF WATER FLOWING IN DITCH BOTTOMS. PLACE AT LOCATIONS SHOWN ON THE EROSION CONTROL PLAN INSTALL PER UTAD DEQ STANDARDS AND SPECIFICATIONS.
   3. STONE TRACKING PADS SHALL BE PLACED AT ALL CONSTRUCTION SITE ENTRANCES AND SHALL BE INSTALLED PRIOR TO ANY TRAFFIC LEAVING THE CONSTRUCTION SITE. SEE THE EROSION CONTROL PLAN FOR LOCATIONS. THE AGGREGATE USED SHALL BE 1 TO 6 INCH CLEAR OR WASHED STONE, AND SHALL BE PLACED IN A LAYER AT LEAST 12 INCHES THICK. THE STONE SHALL BE UNDERLAIN WITH A GEOTEXTILE FABRIC PER UTAH DEQ STANDARDS. THE TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT, AND SHALL BE A MINIMUM OF 50 FEET LONG. SURFACE WATER MUST BE PREVENTED FROM PASSING THROUGH THE TRACKING PAD. INSTALL PER UTAD DEQ STANDARDS AND SPECIFICATIONS.
   4. STORM DRAIN INLET PROTECTION SHALL BE PROVIDED FOR ALL NEW AND DOWNSTREAM STORM CATCH BASINS AND CURB INLETS. INSTALL PER UTAD DEQ STANDARDS AND SPECIFICATIONS.
   5. DUST CONTROL MEASURES SHALL BE PROVIDED TO REDUCE OR PREVENT THE SURFACE AND AIR TRANSPORT OF DUST DURING CONSTRUCTION. CONTROL MEASURES INCLUDE APPLYING MULCH AND VEGETATION, WATER SPRAYING, SURFACE ROUGHENING, APPLYING POLYMERS, SPRAY-ON TACKIFIERS, CHLORIDES, AND BARRIERS. SOME SITES MAY REQUIRE AN APPROACH THAT UTILIZES A COMBINATION OF MEASURES FOR DUST CONTROL. INSTALL PER UTAD DEQ STANDARDS AND SPECIFICATIONS.
   6. THE USE, STORAGE, AND DISPOSAL OF CHEMICALS, CEMENT, AND OTHER COMPOUNDS AND MATERIALS USED ON SITE SHALL BE MANAGED DURING THE CONSTRUCTION PERIOD TO PREVENT THEIR TRANSPORT BY RUNOFF INTO WATERS OF THE STATE.
   7. CONTRACTOR SHALL PROVIDE AN OPEN AGGREGATE CONCRETE TRUCK WASHOUT AREA ON SITE. CONTRACTOR TO ENSURE THAT CONCRETE WASHOUT SHALL BE CONTAINED TO THIS DESIGNATED AREA AND NOT BE ALLOWED TO RUN INTO STORM INLETS OR INTO THE OVERLAND STORMWATER DRAINAGE SYSTEM. WASHOUT AREA SHALL BE REMOVED UPON COMPLETION OF CONSTRUCTION.
   8. TEMPORARY SITE RESTORATION SHALL TAKE PLACE IN DISTURBED AREAS THAT WILL NOT BE BROUGHT TO FINAL GRADE OR ON WHICH LAND DISTURBING ACTIVITIES WILL NOT BE PERFORMED FOR A PERIOD GREATER THAN 14 DAYS AND REQUIRES VEGETATIVE COVER FOR LESS THAN ONE YEAR. THIS TEMPORARY SITE RESTORATION REQUIREMENT ALSO APPLIES TO SOIL STOCKPILES. PERMANENT RESTORATION APPLIES TO AREAS WHERE PERENNIAL VEGETATIVE COVER IS NEEDED TO PERMANENTLY STABILIZE AREAS OF EXPOSED SOIL. PERMANENT STABILIZATION SHALL OCCUR WITHIN 3 WORKING DAYS OF FINAL GRADING. TOPSOIL, SEED, AND MULCH SHALL BE IN GENERAL CONFORMANCE WITH UTAH DEQ STANDARDS AND SPECIFICATIONS AND SHALL MEET THE SPECIFICATIONS FOUND IN THE LANDSCAPING AND SITE STABILIZATION SECTION OF THIS CONSTRUCTION DOCUMENT. ANY SOIL EROSION THAT OCCURS AFTER FINAL GRADING AND/OR FINAL STABILIZATION MUST BE REPAIRED AND THE STABILIZATION WORK REDONE.
   9. IF SITE DEWATERING IS REQUIRED TO REMOVE SEDIMENT FROM CONSTRUCTION SITE STORMWATER PRIOR TO DISCHARGING OFF-SITE OR TO WATERS OF THE STATE, FOLLOW PROCEDURES SET BY UTAH DEQ.
   10. ALL OFF-SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION WORK OR A STORM EVENT SHALL BE CLEANED UP BY THE END OF EACH WORKING DAY. FLUSHING SHALL NOT BE ALLOWED.EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL THE AREA(S) SERVED HAVE ESTABLISHED VEGETATIVE COVER.
G. EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL THE AREA(S) SERVED HAVE ESTABLISHED VEGETATIVE COVER.
H. ONCE THE CONSTRUCTION SITE HAS BEEN FULLY STABILIZED AND TEMPORARY EROSION CONTROL BEST MANAGEMENT PRACTICES HAVE BEEN REMOVED, THE CONTRACTOR SHALL FILE A CONSTRUCTION NOTICE OF TERMINATION WITH UTAH DEQ.
I. AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL GIVE THE OWNER COPIES OF THE EROSION CONTROL AND STORM WATER MANAGEMENT PLANS, AMENDMENTS TO PLANS, SUPPORTING PLAN DATA, AND CONSTRUCTION SITE EROSION CONTROL INSPECTION REPORTS. THE OWNER SHALL RETAIN THESE FOR A PERIOD OF 3 YEARS FROM THE DATE OF TERMINATING COVERAGE UNDER UTAH DEQ GENERAL PERMIT.
J. ALL POST CONSTRUCTION STORMWATER MANAGEMENT BEST MANAGEMENT PRACTICES SHALL BE CONSTRUCTED BEFORE THE SITE HAS UNDERGONE FINAL STABILIZATION.

DIVISION 32 EXTERIOR IMPROVEMENTS

32 10 00 GRAVEL AREAS

A. CONTRACTOR TO PROVIDE COMPACTED GRAVEL WHERE INDICATED ON THE PLANS. ALL AGGREGATE PROVIDED MUST COMPLY WITH SECTION 305 OF THE WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION. CONTRACTOR TO PROVIDE AGGREGATE TYPES AND DEPTHS AS INDICATED BELOW:

4" OF 3/4" CRUSHED AGGREGATE
6" OF 3" CRUSHED AGGREGATE

B. CONTRACTOR TO COMPACT THE AGGREGATE TO AN AVERAGE DENSITY PER WISCONSIN STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION. ALL GRAVEL AREAS SHALL BE GRADED TO WITHIN 0.10' OF DESIGN SURFACE GRADES WITH POSITIVE DRAINAGE BEING MAINTAINED IN ACCORDANCE WITH DESIGN PLANS. A MINIMUM OF 1% SLOPE SHALL BE MAINTAINED IN ALL GRAVEL AREAS.

32 20 00 AGGREGATE BASE & ASPHALT PAVEMENT

A. CONTRACTOR TO PROVIDE COMPACTED AGGREGATE BASE AND HOT MIX ASPHALT PAVEMENT WHERE INDICATED ON THE PLANS. ALL AGGREGATE PROVIDED MUST COMPLY WITH UTAH DOT STANDARDS AND SPECIFICATIONS. PROVIDE HOT MIX ASPHALT MIXTURE TYPES PER UTAH DOT STANDARDS AND SPECIFICATIONS. CONTRACTOR SHALL OBTAIN AND REVIEW SOILS REPORT FOR RECOMMENDATIONS FOR GEO-GRID / GEOTEXTILE BELOW CRUSHED AGGREGATE (IF APPLICABLE). CONTRACTOR TO PROVIDE AGGREGATE BASE AND HOT MIX ASPHALT PAVEMENT TYPES AND DEPTHS AS INDICATED BELOW:

STANDARD ASPHALT PAVING SECTION	HEAVY ASPHALT PAVING SECTION
1-1/2" SURFACE COURSE	2-1/2" SURFACE COURSE
2" BINDER COURSE	4" BINDER COURSE
4" OF 1-1/4" CRUSHED AGGREGATE	6" OF 1-1/4" CRUSHED AGGREGATE
6" OF 3" CRUSHED AGGREGATE	10" OF 1-1/4" CRUSHED AGGREGATE

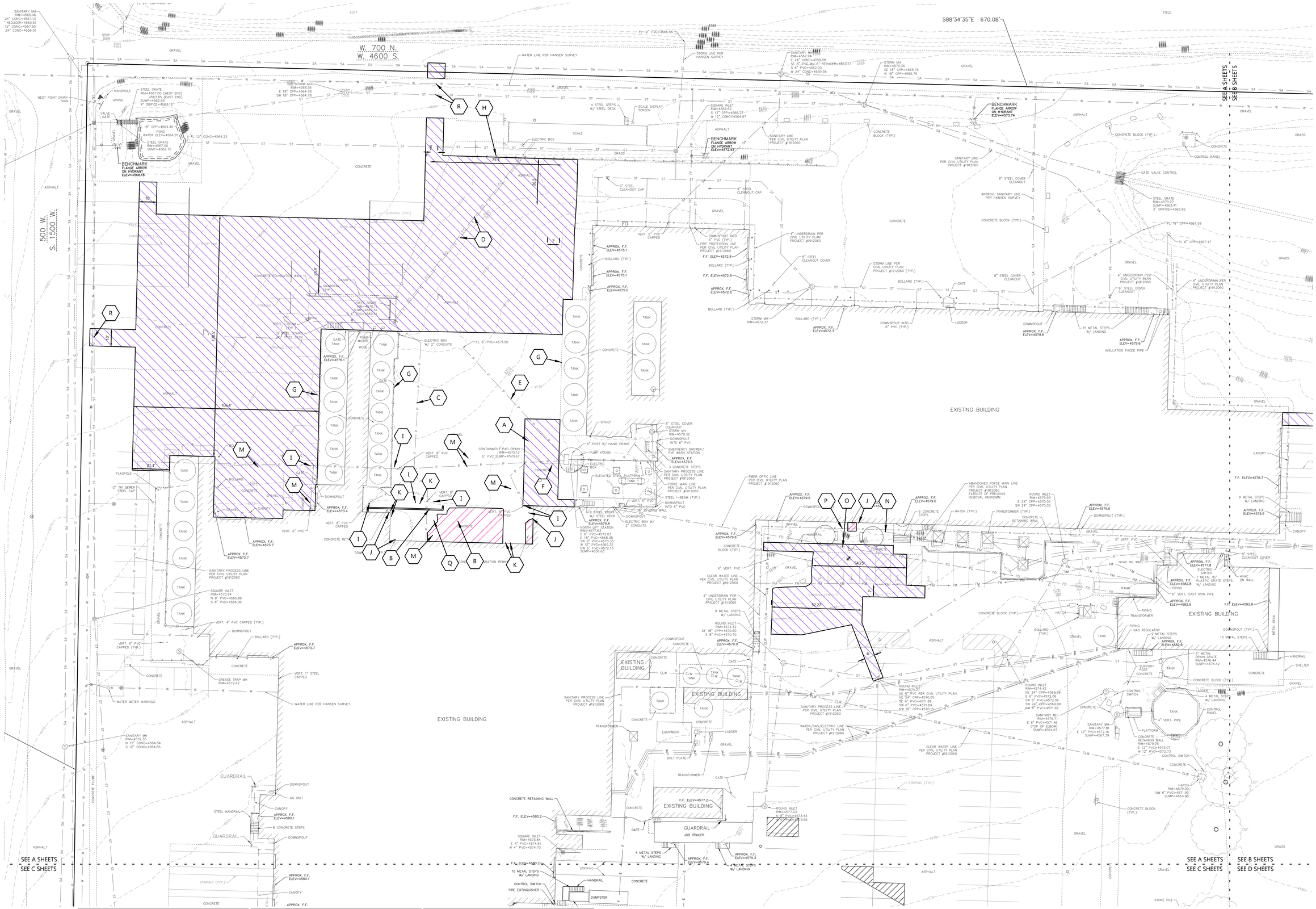
B. CONTRACTOR TO COMPACT THE AGGREGATE BASE, ASPHALT BINDER COURSE, AND ASPHALT SURFACE COURSE TO AN AVERAGE DENSITY PER UTAH DOT STANDARDS AND SPECIFICATIONS. ALL ASPHALT PAVEMENT AREAS SHALL BE PAVED TO WITHIN 0.05' OF DESIGN SURFACE GRADES WITH POSITIVE DRAINAGE BEING MAINTAINED IN ACCORDANCE WITH DESIGN PLANS. A MINIMUM OF 1.5% SLOPE SHALL BE MAINTAINED IN ALL ASPHALT PAVEMENT AREA.
C. HOT MIX ASPHALT CONSTRUCTION TO BE PROVIDED PER MORE STRINGENT REQUIREMENTS OF GEOTECHNICAL REPORT OR CONSTRUCTION DOCUMENTS.
D. CONTRACTOR TO PROVIDE 4" WIDE YELLOW PAINTED STRIPING FOR PARKING STALLS, TRAFFIC LANES, AND NO PARKING AREAS. YELLOW PAINT MARKINGS SHALL ALSO BE PROVIDED FOR H.C. ACCESSIBLE SYMBOLS, TRAFFIC ARROWS, AND TRAFFIC MESSAGES.

32 30 00 CONCRETE AND AGGREGATE BASE

A. CONTRACTOR TO PROVIDE CRUSHED AGGREGATE BASE AND CONCRETE WHERE INDICATED ON THE PLANS.
B. ALL AGGREGATE PROVIDED MUST COMPLY WITH UTAH DOT STANDARDS AND SPECIFICATIONS. ALL AGGREGATE PLACED MUST BE COMPACTED TO AN AVERAGE DENSITY PER UTAH DOT STANDARDS AND SPECIFICATIONS.
C. DESIGN AND CONSTRUCTION OF ALL CAST-IN-PLACE EXTERIOR CONCRETE FLAT WORK SHALL CONFORM TO ACI 330R-08 & ACI 318-08.
D. EXTERIOR CONCRETE FLAT WORK CONSTRUCTION TO BE PROVIDED PER MORE STRINGENT REQUIREMENTS OF THE GEOTECHNICAL REPORT OR THIS SPECIFICATION. CONCRETE FLAT WORK CONSTRUCTION IS AS FOLLOWS:
   1. SIDEWALK CONCRETE - 4" OF CONCRETE OVER 4" OF 3/4" CRUSHED AGGREGATE BASE. CONTRACTION JOINTS SHALL CONSIST OF 1/8" WIDE BY 1" DEEP TOOLED JOINT WHERE INDICATED ON THE PLANS.
   2. APRON CONCRETE - 6" OF CONCRETE OVER 6" OF AGGREGATE BASE.
      a. CONCRETE SHALL BE STEEL REINFORCED WITH THE FOLLOWING AND PLACED IN THE UPPER 1/3 TO 1/2 OF THE SLAB.
         1) TIE BARS AT ALL CONTRACTION JOINTS OF THE CONCRETE. TIE BARS SHALL BE #4 REBAR 30" LONG PLACED AT 30" O.C.
      b. DUMPSTER PAD CONCRETE JOINTING SHALL BE AS FOLLOWS:
         1) CONTRACTION SAWCUT JOINT - CONTRACTOR SHALL PROVIDE A SAWCUT JOINT AT MAXIMUM 15' OF ON CENTER. SAWCUT SHALL BE 2" IN DEPTH.
         2) TYPICAL POUR CONTROL JOINT - POUR CONTROL JOINT SHALL BE PROVIDED WITH 1-1/4" DIAMETER BY 20" LONG SMOOTH DOWEL PLACED AT 12" O.C. ONE HALF OF THE DOWEL SHALL BE GREASED. GREENSTREAK 9" SPEED DOWEL TUBES SHALL BE USED.
   3. HEAVY DUTY CONCRETE (TRUCK TRAFFIC) - 6" OF CONCRETE OVER 6" OF 3/4" CRUSHED AGGREGATE. CONCRETE SHALL BE REINFORCED WITH #3 REBARS ON CHAIRS AT 3' O.C. REBAR SHALL BE PLACED IN THE UPPER 1/3 TO 1/2 OF THE SLAB. CONTRACTION JOINTS SHALL BE SAWCUT 1.5" IN DEPTH AND BE SPACED A MAXIMUM OF 15' ON CENTER.
E. DESIGN MIXES SHALL BE IN ACCORDANCE WITH ASTM C94.
   1. STREAMLINE CONCRETE PAD SETS WITH CONTRACTOR EQUIPPING PAD. PADS SHALL HAVE FIBERMESH 300 FIBERS AT A RATE OF 1.5 LBS/CU. YD. OR 6 X 6-W1.4 X W1.4 WELDED WIRE MESH WITH MINIMUM 1 INCH COVER. EQUIPMENT PADS SHALL BE 5.5 INCHES THICK WITH 1 INCH COVER UNLESS SPECIFIED OTHERWISE. CONCRETE SHALL BE PROVIDED ON 6" OF 3/4" CRUSHED AGGREGATE BASE. COORDINATE ADDITIONAL PAD REQUIREMENTS WITH RESPECTIVE CONTRACTOR.
G. ALL CONCRETE FLAT WORK SURFACES AND CONCRETE CURB FLOWLINES SHALL BE CONSTRUCTED TO WITHIN 0.05' OF DESIGN SURFACE AND FLOWLINE GRADES ASSUMING POSITIVE DRAINAGE IS MAINTAINED IN ACCORDANCE WITH THE DESIGN PLANS.
H. CONCRETE FLAT WORK SHALL HAVE CONSTRUCTION JOINTS OR SAW CUT JOINTS PLACED AS INDICATED ON THE PLANS OR PER THIS SPECIFICATION. SAWCUTS SHALL BE DONE AS SOON AS POSSIBLE, BUT NO LATER THAN 24 HOURS AFTER CONCRETE IS PLACED. CONCRETE CURB AND GUTTER JOINTING SHALL BE PLACED EVERY 10' OR CLOSER (6' MIN.). IF CONCRETE PAVEMENT IS ADJACENT TO CONCRETE CURB, JOINTING IN THE PAVEMENT AND CURB SHALL ALIGN. ALL EXTERIOR CONCRETE SHALL HAVE A BROOM FINISH UNLESS NOTED OTHERWISE. A UNIFORM COAT OF A HIGH SOLIDS CURING COMPOUND MEETING ASTM C309 SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES. ALL CONCRETE IS TO BE CURED FOR 7 DAYS. EXTERIOR CONCRETE SHALL BE SEPARATED FROM BUILDINGS WITH CONTINUOUS 0.5 INCH FIBER EXPANSION JOINT AND/OR 0.25 INCH FIBER EXPANSION JOINT AT DECORATIVE MASONRY UNITS.
I. ALL REINFORCING BARS SHALL BE ASTM A615 GRADE 60. THICKNESS OF CONCRETE COVER OVER REINFORCEMENT SHALL BE NOT LESS THAN 3" WHERE CONCRETE IS DEPOSITED AGAINST THE GROUND WITHOUT THE USE OF FORMS AND NOT LESS THAN 1.5" FOR UP TO #5 BARS AND 2" FOR #6 TO #10 BARS IN ALL OTHER LOCATIONS. ALL REINFORCING SHALL BE LAPPED 48 DIAMETERS FOR UP TO #6 BARS, 62 DIAMETERS FOR #7 TO #9 BARS, 68 DIAMETERS FOR #10 BARS OR AS NOTED ON THE DRAWINGS AND EXTENDED AROUND CORNERS WITH CORNER BARS. PLACING AND DETAILING OF STEEL REINFORCING AND REINFORCING SUPPORTS SHALL BE IN ACCORDANCE WITH CRSI AND ACI MANUAL AND STANDARD PRACTICES. THE REINFORCEMENT SHALL NOT BE PAINTED AND MUST BE FREE OF GREASE/OIL, DIRT OR DEEP RUST WHEN PLACED IN THE WORK. ALL WELDED WIRE FABRIC SHALL MEET THE REQUIREMENTS OF ASTM A 1064. WELDED WIRE FABRIC SHALL BE PLACED 2" FROM TOP OF SLAB, UNLESS INDICATED OTHERWISE.
J. CONTRACTOR SHALL ENGAGE A QUALIFIED INDEPENDENT TESTING AND INSPECTING AGENCY TO SAMPLE MATERIALS, PERFORM TESTS, AND SUBMIT TEST REPORTS DURING CONCRETE PLACEMENT. TESTS WILL BE PERFORMED ACCORDING TO ACI 301. CAST AND LABORATORY CURE ONE SET OF FOUR STANDARD CYLINDERS FOR EACH COMPOSITE SAMPLE FOR EACH DAY'S POUR OF EACH CONCRETE MIX EXCEEDING 5 CU. YD., BUT LESS THAN 25 CU. YD., PLUS ONE SET FOR EACH ADDITIONAL 50 CU. YD. OR FRACTION THEREOF. PERFORM COMPRESSIVE-STRENGTH TESTS ACCORDING TO ASTM C 39. TEST TWO SPECIMENS AT 7 DAYS AND TWO SPECIMENS AT 28 DAYS. PERFORM SLUMP TESTING ACCORDING TO ASTM C 143. PROVIDE ONE TEST AT POINT OF PLACEMENT FOR EACH COMPOSITE SAMPLE, BUT NOT LESS THAN ONE TEST FOR EACH DAY'S POUR OF EACH CONCRETE MIX. PERFORM ADDITIONAL TESTS WHEN CONCRETE CONSISTENCY APPEARS TO CHANGE.
K. PROTECT FRESHLY PLACED CONCRETE FROM PREMATURE DRYING AND EXCESSIVE COLD OR HOT TEMPERATURES. IN HOT, DRY, AND WINDY WEATHER, APPLY AN EVAPORATION-CONTROL COMPOUND ACCORDING TO MANUFACTURER'S INSTRUCTIONS AFTER SCREEDING AND BULL FLOATING, BUT BEFORE POWER FLOATING AND TROWELLING.
L. LIMIT MAXIMUM WATER-CEMENTITIOUS RATIO OF CONCRETE EXPOSED TO FREEZING, THAWING AND DEICING SALTS TO 0.45.
M. TEST RESULTS WILL BE REPORTED IN WRITING TO THE DESIGN ENGINEER, READY-MIX PRODUCER, AND CONTRACTOR WITHIN 24 HOURS AFTER TESTS. REPORTS OF COMPRESSIVE STRENGTH TESTS SHALL CONTAIN THE PROJECT IDENTIFICATION NAME AND NUMBER, DATE OF CONCRETE PLACEMENT, NAME OF CONCRETE TESTING SERVICE, CONCRETE TYPE AND CLASS, LOCATION OF CONCRETE BATCH ON SITE, DESIGN COMPRESSIVE STRENGTH AT 28 DAYS, CONCRETE MIX PROPORTIONS AND MATERIALS, COMPRESSIVE BREAKING STRENGTH, AND TYPE OF BREAK FOR BOTH 7-DAY TESTS AND 28-DAY TESTS.

DIVISION 32 40 00 LANDSCAPING AND SITE STABILIZATION

A. TOPSOIL: CONTRACTOR TO PROVIDE A MINIMUM OF 6" OF TOPSOIL FOR ALL DISTURBED OPEN AREAS. REUSE SURFACE SOIL STOCKPILED ON SITE AND SUPPLEMENT WITH IMPORTED OR MANUFACTURED TOPSOIL FROM OFF SITE SOURCES WHEN QUANTITIES ARE INSUFFICIENT. EXCAVATOR SHALL BE RESPONSIBLE FOR ROUGH PLACEMENT OF TOPSOIL TO WITHIN 1" OF FINAL GRADE PRIOR TO LANDSCAPER FINAL GRADING. LANDSCAPER TO PROVIDE PULVERIZING AND FINAL GRADING OF TOPSOIL. PROVIDE SOIL ANALYSIS BY A QUALIFIED SOIL TESTING LABORATORY AS REQUIRED TO DETERMINE SUITABILITY OF SOIL TO BE USED AS TOPSOIL AND TO DETERMINE THE NECESSARY SOIL AMENDMENTS. TEST SOIL FOR PRESENCE OF ATRAZINE AND INFORM EXCEL ENGINEERING, INC. IF PRESENT PRIOR TO BIDDING PROJECT. TOPSOIL SHALL HAVE A PH RANGE OF 5.5 TO 8.2, CONTAIN A MINIMUM OF 5 PERCENT ORGANIC MATERIAL CONTENT, AND SHALL BE FREE OF STONES 1 INCH OR LARGER IN DIAMETER. ALL MATERIALS HARMFUL TO PLANT GROWTH SHALL ALSO BE REMOVED.
TOPSOIL INSTALLATION: LOOSEN SUBGRADE TO A MINIMUM DEPTH OF 6 INCHES AND REMOVE STONES LARGER THAN 1" IN DIAMETER. ALSO REMOVE ANY STICKS, ROOTS, RUBBISH, AND OTHER EXTRANEOUS MATTER AND DISPOSE OF THEM OFF THE PROPERTY. SPREAD TOPSOIL TO A DEPTH OF 6" BUT NOT LESS THAN WHAT IS REQUIRED TO MEET FINISHED GRADES AFTER LIGHT ROLLING AND NATURAL SETTLEMENT. DO NOT SPREAD TOPSOIL IF SUBGRADE IS FROZEN, MUDDY, OR EXCESSIVELY WET. GRADE PLANTING AREAS TO A SMOOTH, UNIFORM SURFACE PLANE WITH LOOSE, UNIFORMLY FINE TEXTURE. GRADE TO WITHIN 0.05 FEET OF FINISHED GRADE ELEVATION.
B. SEEDED LAWNS:
   1. PERMANENT LAWN AREAS SHALL BE SEEDED WITH THE FOLLOWING MIXTURE: 65% KENTUCKY BLUEGRASS BLEND (0-2-6 LBS./1,000 S.F.), 20% PERENNIAL RYEGRASS (0.6-0.8 LBS./1,000 S.F.), 15% FINE FESCUE (0.4-0.6 LBS./1,000 S.F.). STRAW AND MULCH SHALL BE LAID AT 100LBS/1,000 S.F. FERTILIZE AS PER SOIL TEST OR APPLY 5-10-10 OR EQUIVALENT AT 5-6 LBS./1,000 S.F. SEE EROSION MATTING SPECIFICATIONS AS REQUIRED. ALL SITE DISTURBED AREAS NOT DESIGNATED FOR OTHER LANDSCAPING AND SITE STABILIZATION METHODS SHALL BE SEEDED AS PERMANENT LAWN. NO BARE TOPSOIL SHALL BE EXPOSED ONSITE.
   2. ALL PERMANENT AND TEMPORARY STORM WATER CONVEYANCE SWALE BOTTOMS AND SIDE SLOPES AS WELL AS STORMWATER MANAGEMENT BASIN BOTTOMS AND SIDE SLOPES SHALL BE SEEDED WITH THE FOLLOWING MIXTURE: 45% KENTUCKY BLUEGRASS (0.60 LBS./1,000 S.F.), 40% CREEPING RED FESCUE (0.50 LBS./1,000 S.F.), AND 15% PERENNIAL RYEGRASS (0.20 LBS./1,000 S.F.). FERTILIZE AS PER SOIL TEST OR APPLY 5-10-10 OR EQUIVALENT AT 5-6 LBS./1,000 S.F. SEE EROSION MATTING SPECIFICATIONS AS REQUIRED.
   3. ALL TEMPORARY SEEDING SHALL CONSIST OF THE FOLLOWING MIXTURE: 100% RYEGRASS AT 1.9 LBS./1,



KEYNOTES	
A	REMOVE SPILL CONTAINMENT PAD
B	REMOVE CONCRETE RETAINING WALLS.
C	CONTRACTOR TO DETERMINE IF PROCESS PIPING IS ONLY CONNECTED TO LOADOUT BAY SPILL CONTAINMENT. IF SO, ENTIRETY OF PIPE SHALL BE REMOVED AND CAPPED AT CONNECTION TO 12" PROCESS MAIN.
D	REMOVE/ABANDON EXISTING SCALE UTILITY LINES AS NEEDED. SEE UTILITY SHEETS FOR RELOCATION. COORDINATE WORK/SHUTDOWNS WITH OWNER.
E	REMOVE PROCESS LIFT STATION OVERFLOW PIPE TO OUTSIDE OF LIFT STATION. STUB TO REMAIN FOR RECONNECTION
F	REMOVE PROCESS LIFT STATION CONTAINMENT PAD DRAIN PIPE TO OUTSIDE OF LIFT STATION. STUB TO REMAIN FOR RECONNECTION.

KEYNOTES	
G	PROTECT EXISTING TANK PAD FOUNDATIONS.
H	PROTECT EXISTING GUARD RAIL
I	PROTECT EXISTING CLEANOUT FOR EXTENSION TO F.F. ELEVATION
J	REMOVE EXISTING ROOF DRAIN. COORDINATE WITH ARCHITECTURAL PLANS.
K	REMOVE EQUIPMENT
L	REMOVE BOLLARD

KEYNOTES	
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GENERAL NOTES:

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LEGEND:

- REMOVE PAVEMENT, PROTECT BASE
- REMOVE FEATURES
- REMOVE & RELOCATE TOPSOIL

SCALE: 1" = 20'

20' 0 20' 40'

NORTH

CIVIL EXISTING SITE AND DEMOLITION PLAN - AREA A

EXCEL

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PROJECT INFORMATION

CREAM RECEIVING BUILDING EXPANSION FOR:

WEST POINT DAIRY PRODUCTS

570 NORTH 500 WEST • HYRUM, UT 84319

PROFESSIONAL SEAL

PRELIMINARY DATES

FEB. 20, 2026
APR. 17, 2026

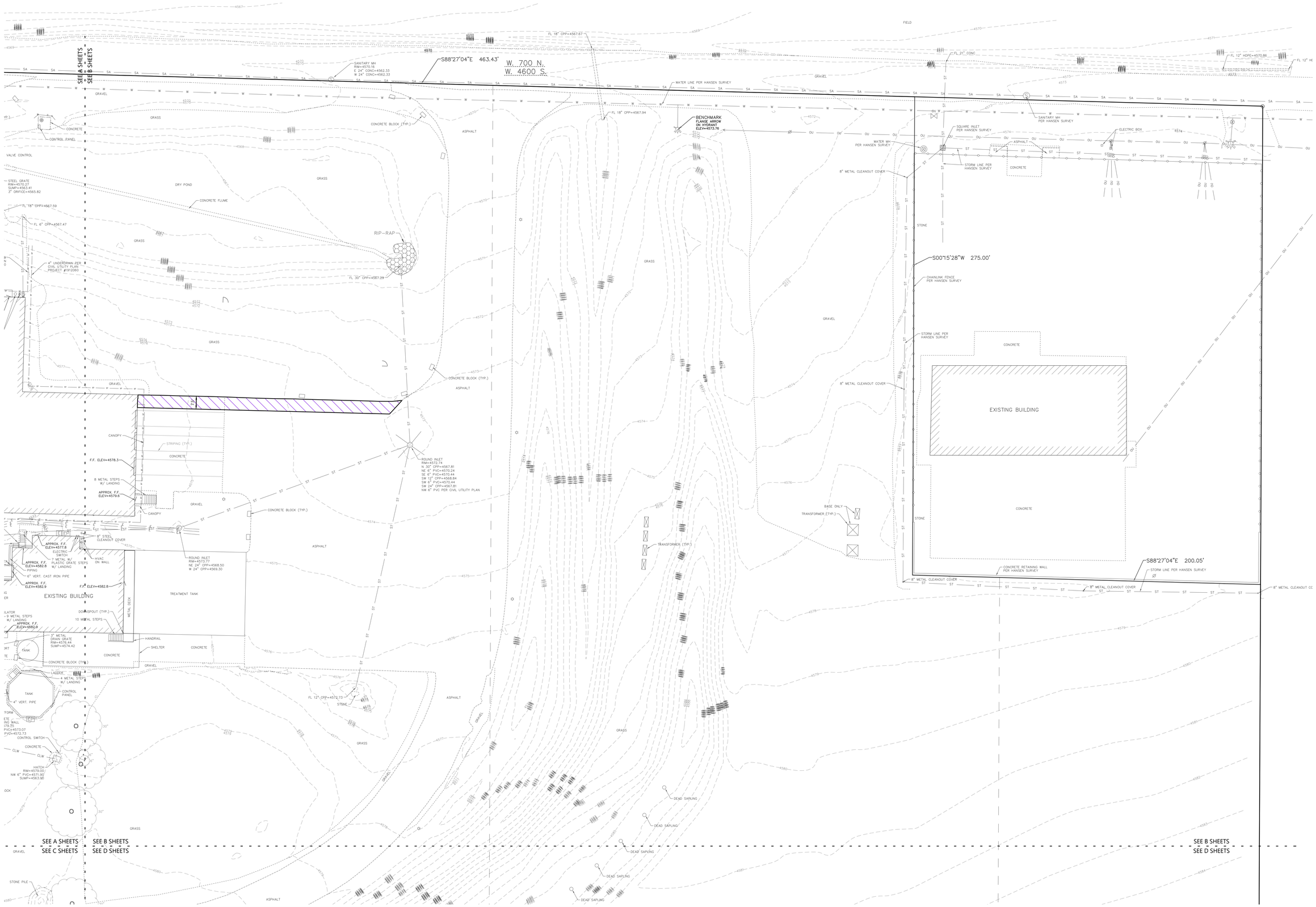
NOT FOR CONSTRUCTION

JOB NUMBER

250231400

SHEET NUMBER

C1.0A



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20' 0 20' 40'
NORTH

CIVIL EXISTING SITE AND DEMOLITION PLAN - AREA B

EXCEL
Always a Better Plan
100 Camelot Drive
Fond du Lac, WI 54935
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PROJECT INFORMATION

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PROFESSIONAL SEAL

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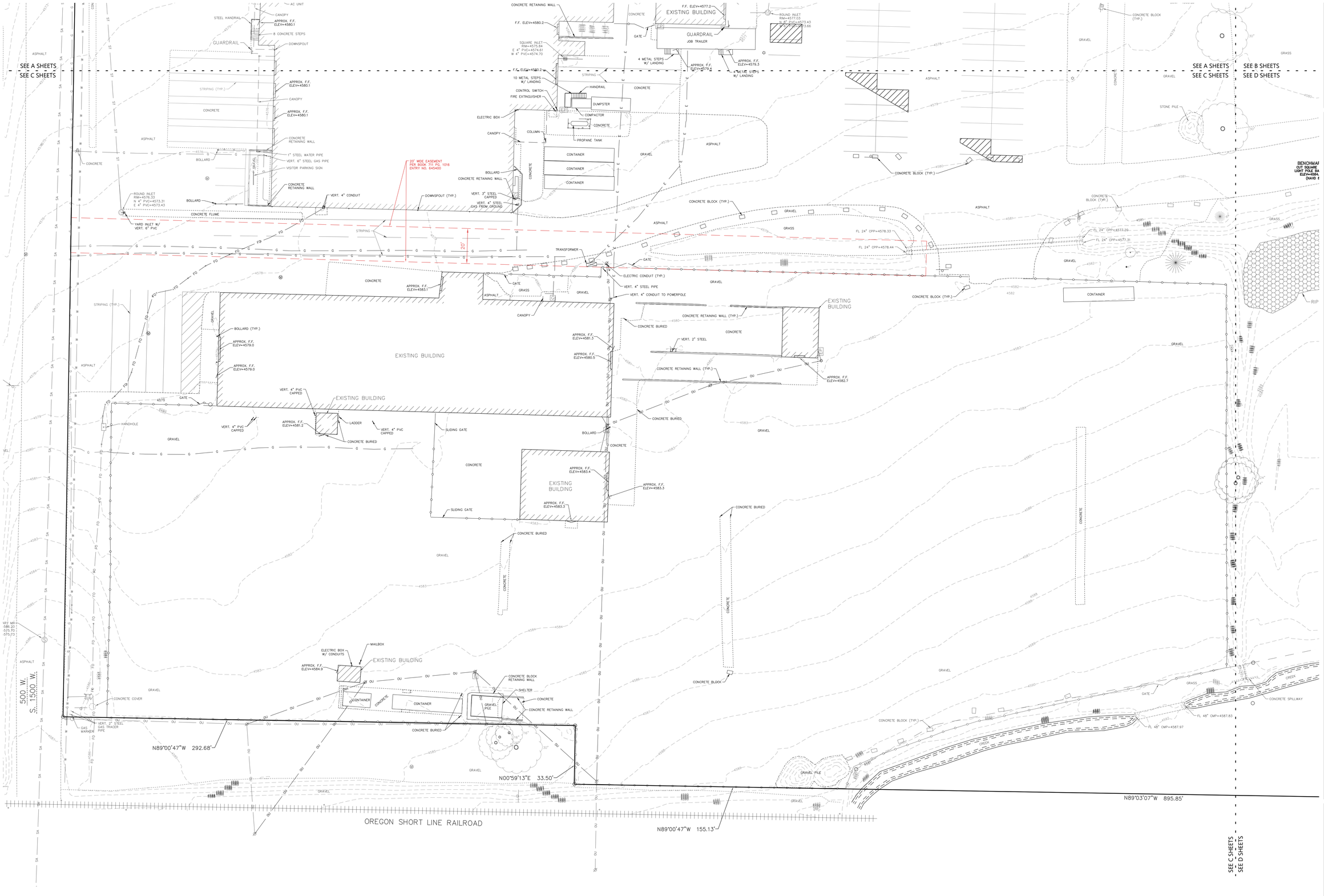
C1.0B



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20' 0 20' 40'
NORTH

CIVIL EXISTING SITE AND DEMOLITION PLAN - AREA C

EXCEL
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PROJECT INFORMATION

CREAM RECEIVING BUILDING EXPANSION FOR:
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570 NORTH 500 WEST • HYRUM, UT 84319

PROFESSIONAL SEAL

PRELIMINARY DATES
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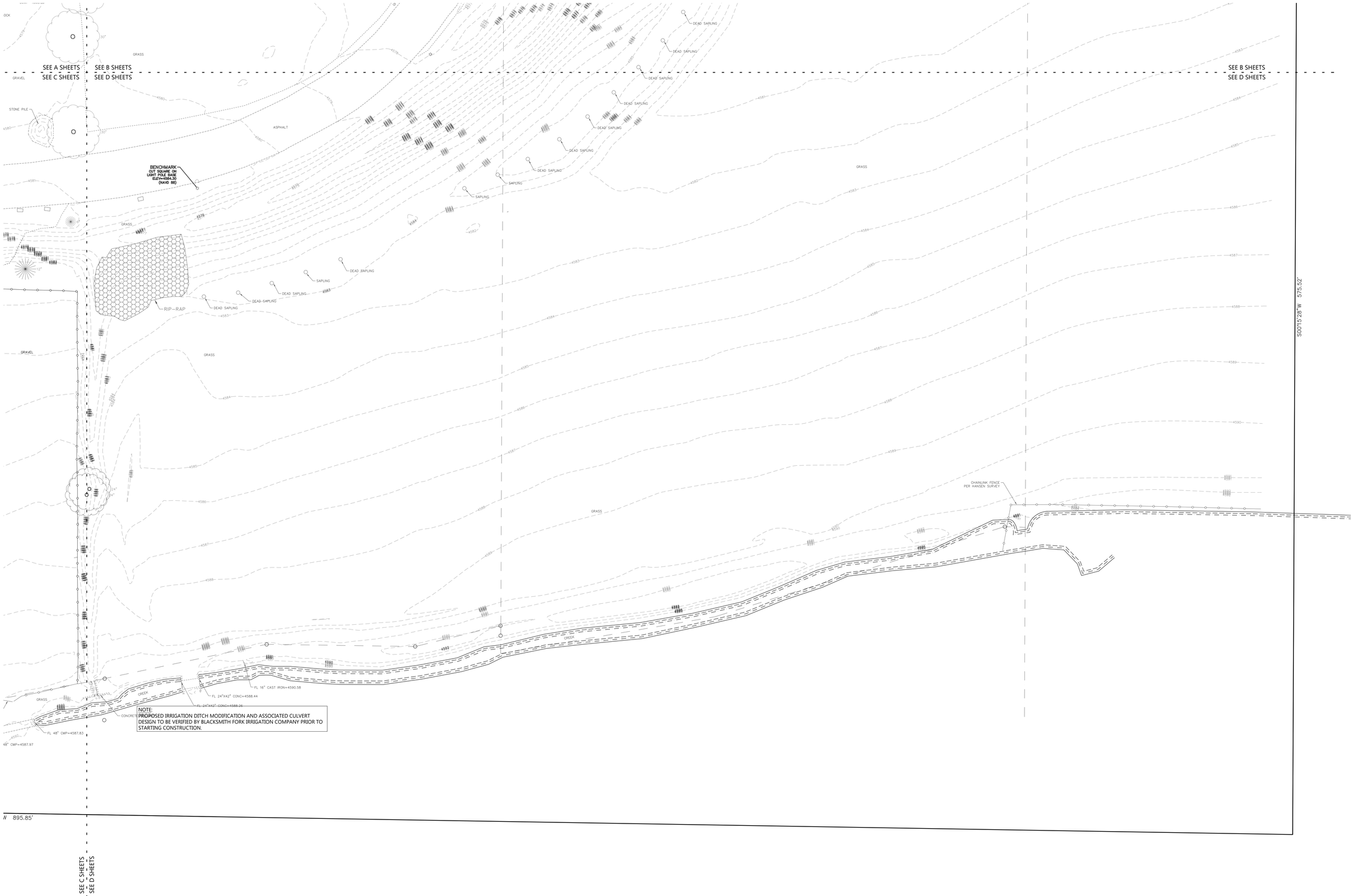

NOTE:
PROPOSED IRRIGATION DITCH MODIFICATION AND ASSOCIATED CULVERT DESIGN TO BE VERIFIED BY BLACKSMITH FORK IRRIGATION COMPANY PRIOR TO STARTING CONSTRUCTION.

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SCALE: 1" = 20'
20' 0 20' 40'
NORTH

CIVIL EXISTING SITE AND DEMOLITION PLAN - AREA D

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PROJECT INFORMATION

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FEB. 20, 2026
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250231400

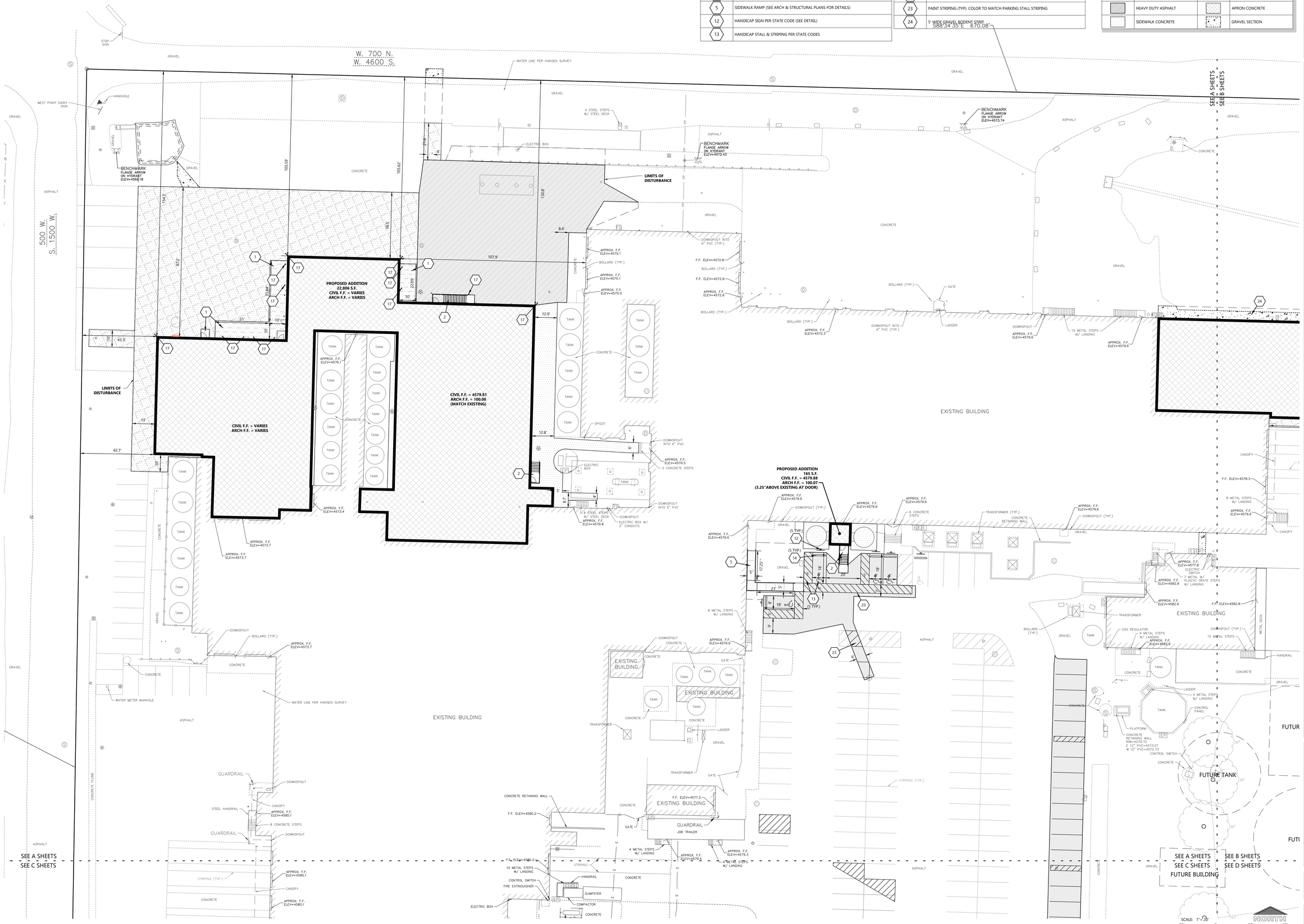
SHEET NUMBER
C1.0D

KEYNOTES	
1	CONCRETE STOOP (SEE STRUCTURAL PLANS FOR DETAILS)
2	STEEL LANDING AND STAIRS (SEE ARCH PLANS FOR DETAILS)
5	SIDEWALK RAMP (SEE ARCH & STRUCTURAL PLANS FOR DETAILS)
12	HANDICAP SIGN PER STATE CODE (SEE DETAIL)
13	HANDICAP STALL & STRIPING PER STATE CODES

KEYNOTES	
14	PRECAST CONCRETE WHEEL STOP (TYP.)
17	6" CONCRETE BOLLARDS (TYP.) (SEE ARCH PLANS FOR DETAILS)
23	PAINT STRIPING (TYP). COLOR TO MATCH PARKING STALL STRIPING
24	5' WIDE GRAVEL RODENT STRIP

S88°34'35"E 670.08'

LEGEND:			
HATCH	PAVEMENT SECTION	HATCH	PAVEMENT SECTION
	STANDARD ASPHALT		HEAVY DUTY CONCRETE
	HEAVY DUTY ASPHALT		APRON CONCRETE
	SIDEWALK CONCRETE		GRAVEL SECTION



CIVIL SITE PLAN - AREA A

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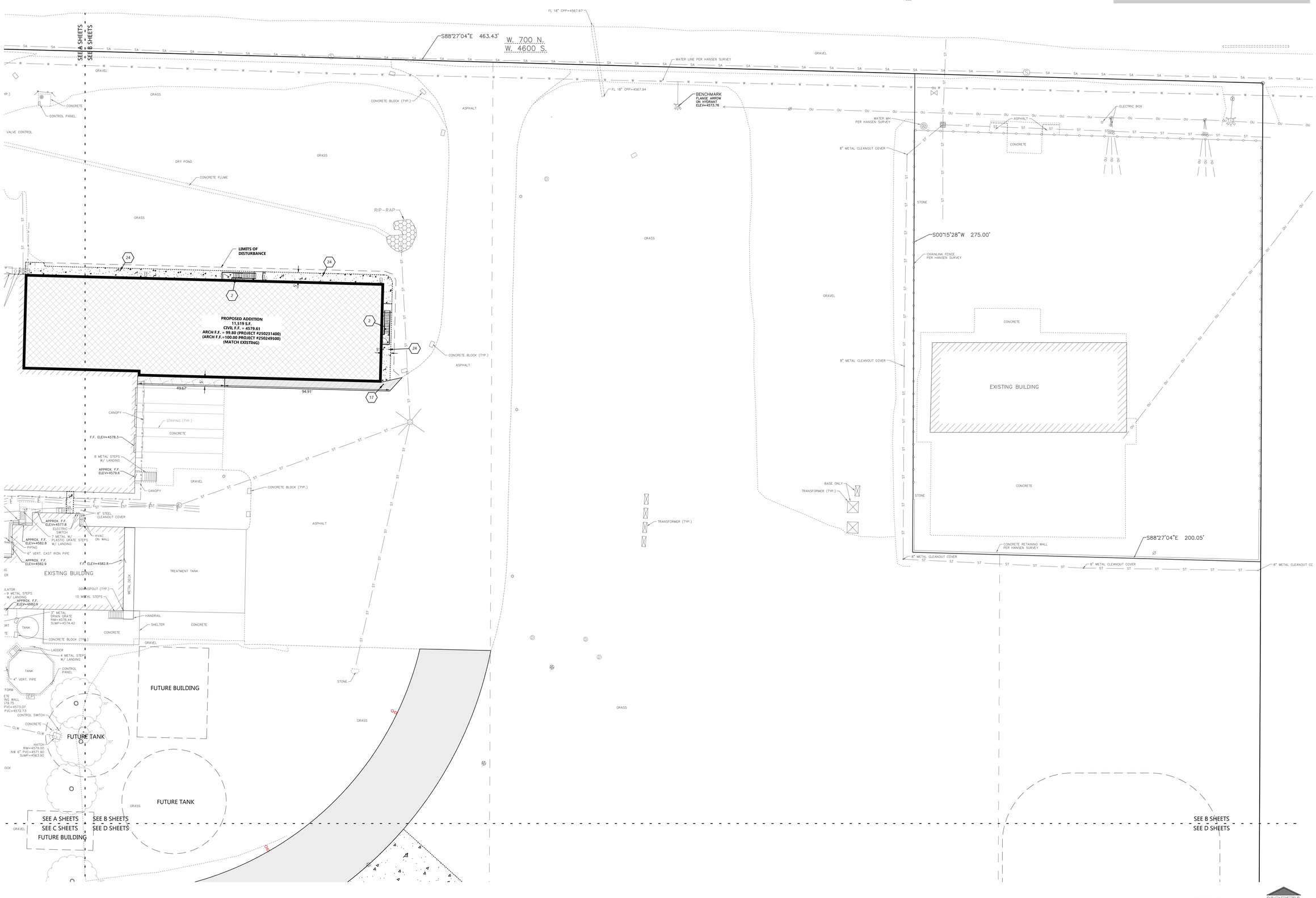
LEGEND:

HATCH	PAVEMENT SECTION	HATCH	PAVEMENT SECTION
	STANDARD ASPHALT		HEAVY DUTY CONCRETE
	HEAVY DUTY ASPHALT		APRON CONCRETE
	SIDEWALK CONCRETE		GRAVEL SECTION



SCALE: 1"= 20'

20' 0 20' 40'

NORTH

CIVIL SITE PLAN - AREA B

EXCEL

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100 Camelot Drive
Fond du Lac, WI 54935
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PROJECT INFORMATION

CREAM RECEIVING BUILDING EXPANSION FOR:

WEST POINT DAIRY PRODUCTS

570 NORTH 500 WEST • HYRUM, UT 84319

PROFESSIONAL SEAL

PRELIMINARY DATES

JAN. 7, 2026
FEB. 20, 2026
APR. 17, 2026

NOT FOR CONSTRUCTION

JOB NUMBER

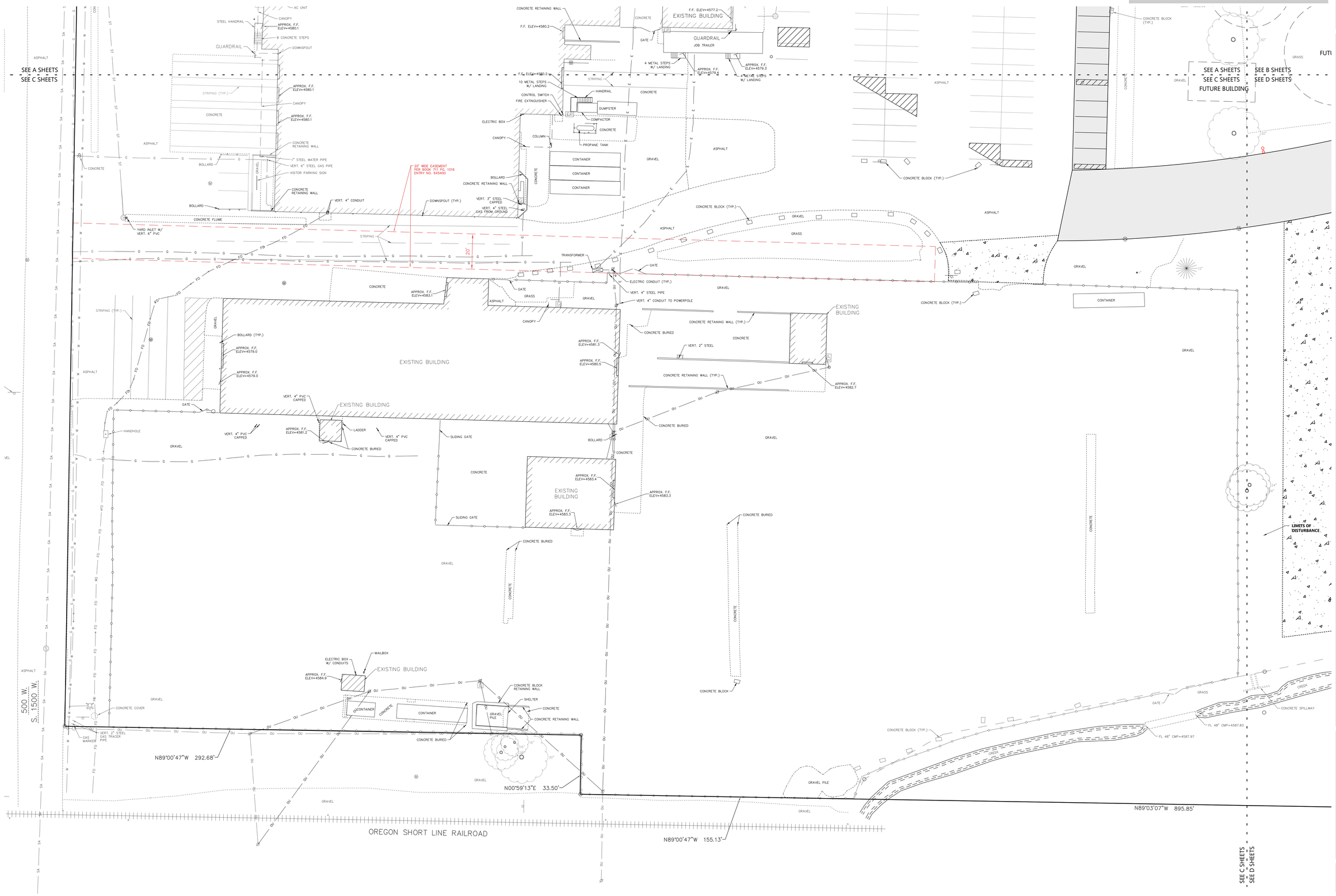
250231400

SHEET NUMBER

C1.1B

LEGEND:

HATCH	PAVEMENT SECTION	HATCH	PAVEMENT SECTION
	STANDARD ASPHALT		HEAVY DUTY CONCRETE
	HEAVY DUTY ASPHALT		APRON CONCRETE
	SIDEWALK CONCRETE		GRAVEL SECTION



SCALE: 1" = 20'

NORTH

CIVIL SITE PLAN - AREA C

EXCEL

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100 Camelot Drive
Fond du Lac, WI 54935
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excelengineer.com

PROJECT INFORMATION

CREAM RECEIVING BUILDING EXPANSION FOR:

WEST POINT DAIRY PRODUCTS

570 NORTH 500 WEST • HYRUM, UT 84319

PROFESSIONAL SEAL

PRELIMINARY DATES

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FEB. 20, 2026
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NOT FOR CONSTRUCTION

JOB NUMBER

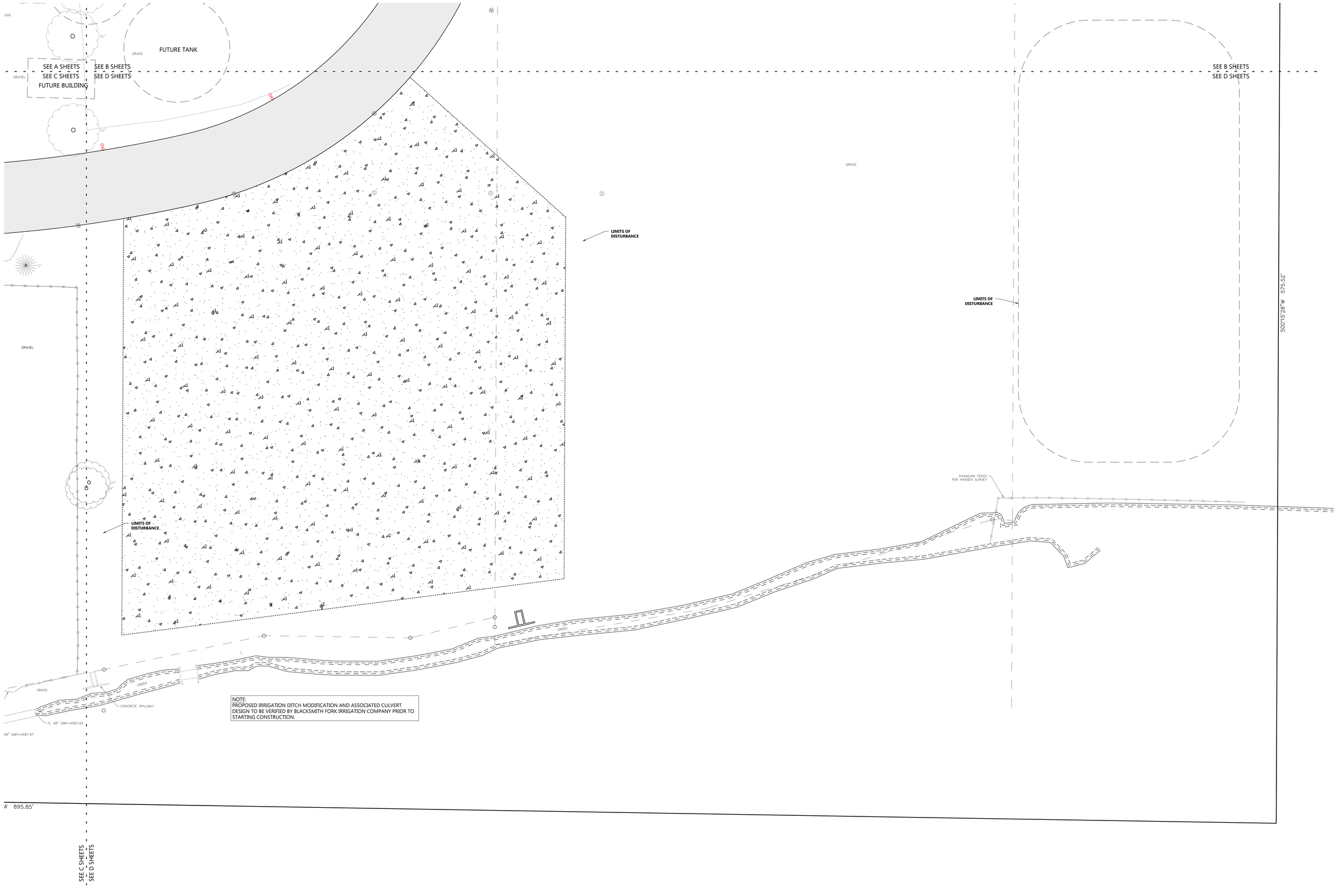
250231400

SHEET NUMBER

C1.1C

LEGEND:

HATCH	PAVEMENT SECTION	HATCH	PAVEMENT SECTION
	STANDARD ASPHALT		HEAVY DUTY CONCRETE
	HEAVY DUTY ASPHALT		APRON CONCRETE
	SIDEWALK CONCRETE		GRAVEL SECTION



NOTE:
PROPOSED IRRIGATION DITCH MODIFICATION AND ASSOCIATED CULVERT DESIGN TO BE VERIFIED BY BLACKSMITH FORK IRRIGATION COMPANY PRIOR TO STARTING CONSTRUCTION.

SCALE: 1" = 20'
20' 0 20' 40'
NORTH

CIVIL SITE PLAN - AREA D

EXCEL
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100 Camelot Drive
Fond du Lac, WI 54935
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PROJECT INFORMATION

CREAM RECEIVING BUILDING EXPANSION FOR:
WEST POINT DAIRY PRODUCTS
570 NORTH 500 WEST • HYRUM, UT 84319

PROFESSIONAL SEAL

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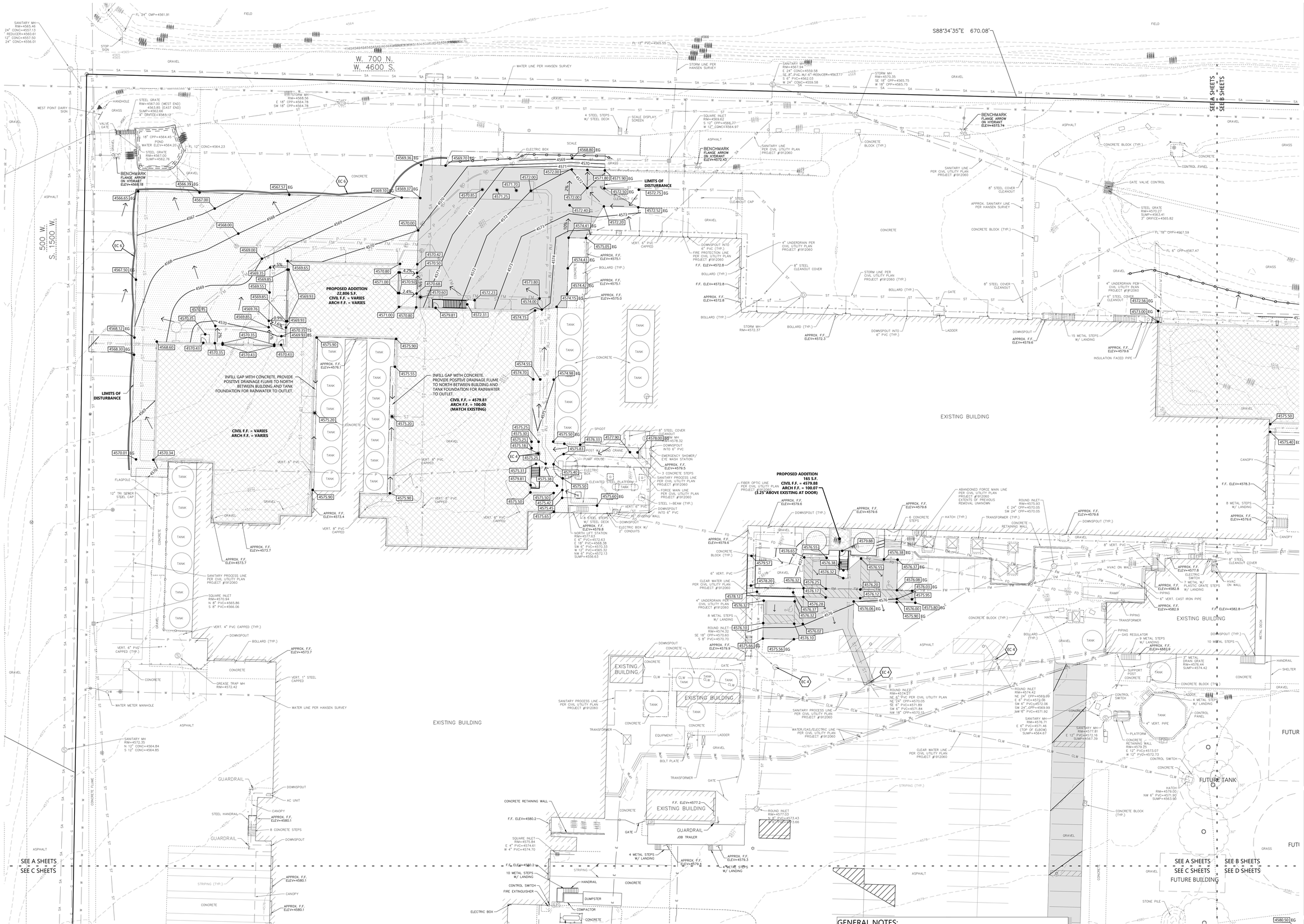
FEB. 20, 2026
APR. 17, 2026

NOT FOR CONSTRUCTION

JOB NUMBER
250231400

SHEET NUMBER
C1.1D



KEYNOTES		KEYNOTES	
EC 1	SILT FENCE	EC 4	INLET PROTECTION
EC 2	DITCH CHECK	EC 5	CONCRETE WASHOUT
EC 3	STABILIZED CONSTRUCTION ENTRANCE	EC 6	SEDIMENT LOG

GENERAL NOTES:

- HANDICAP STALL AND ACCESS AISLES SHALL NOT EXCEED A SLOPE OF 1.50% IN ANY DIRECTION. HANDICAP STALL & ACCESS AISLES SHALL CONFORM TO ADA REQUIREMENTS (CURRENT EDITION)
- ALL SIDEWALKS SHALL NOT EXCEED A MAXIMUM CROSS SLOPE OF 1.50% AND RUNNING SLOPE OF 4.50% UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR SHALL PROVIDE STABILIZED CONSTRUCTION ENTRANCE AT CONSTRUCTION ENTRANCE FOR PROPOSED IMPROVEMENTS AS REQUIRED PER CODE.
- CONTRACTOR SHALL PROVIDE CONCRETE WASHOUT AS REQUIRED PER CODE. FINAL LOCATION TBD BY CONTRACTOR.
- CONTRACTOR SHALL PROVIDE TEMPORARY INLET PROTECTION FOR ALL CURB INLETS & CATCH BASINS ONSITE & OFFSITE IMMEDIATELY DOWNSTREAM OF THE PROJECT SITE PER LOCAL CODE.

SCALE: 1"= 20'

CIVIL GRADING AND EROSION CONTROL PLAN

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PROJECT INFORMATION

CREAM RECEIVING BUILDING EXPANSION FOR:
WEST POINT DAIRY PRODUCTS
570 NORTH 500 WEST • HYRUM, UT 84319

PROFESSIONAL SEAL

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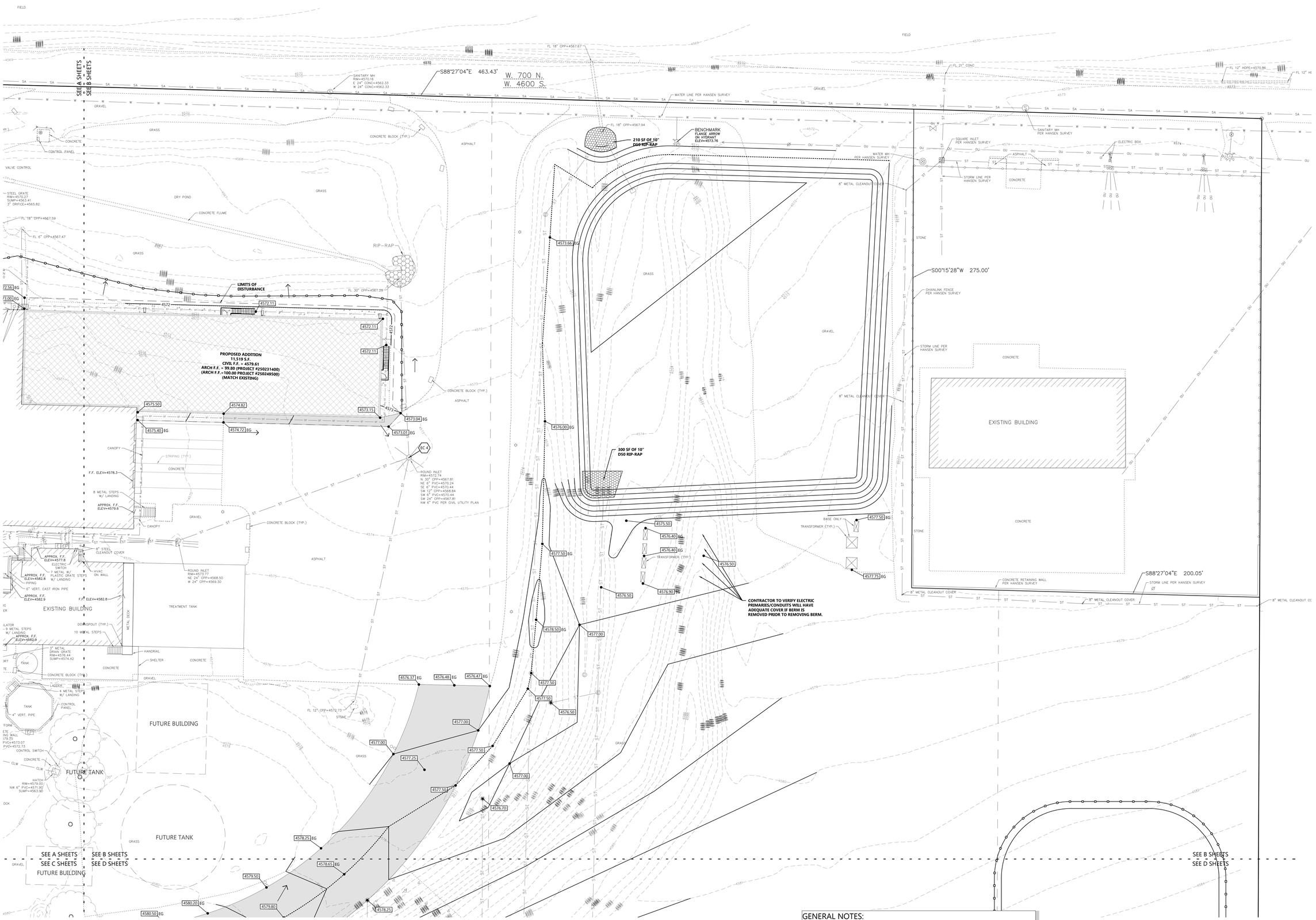
JOB NUMBER
250231400

SHEET NUMBER
C1.2A



KEYNOTES		KEYNOTES	
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EC 2	DITCH CHECK	EC 5	CONCRETE WASHOUT
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SCALE: 1" = 20'
20' 0 20' 40'
NORTH

CIVIL GRADING AND EROSION CONTROL PLAN - AREA B

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100 Camelot Drive
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PROJECT INFORMATION

CREAMERY RECEIVING BUILDING EXPANSION FOR:
WEST POINT DAIRY PRODUCTS
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PROFESSIONAL SEAL

PRELIMINARY DATES
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APR. 17, 2026

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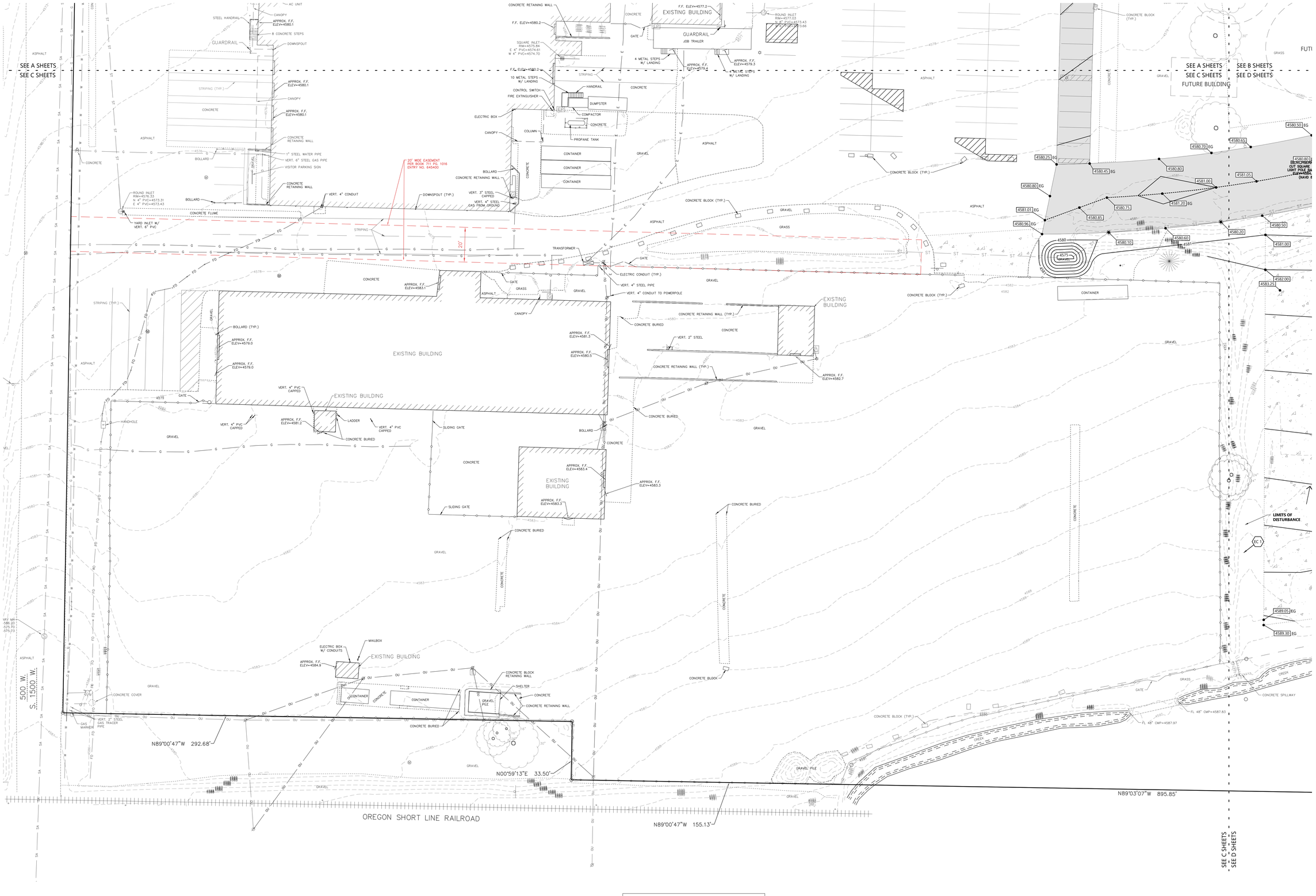
JOB NUMBER
250231400

SHEET NUMBER
C1.2B



KEYNOTES

EC 1	SILT FENCE
EC 2	DITCH CHECK
EC 3	STABILIZED CONSTRUCTION ENTRANCE
EC 4	INLET PROTECTION
EC 5	CONCRETE WASHOUT
EC 6	SEDIMENT LOG

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SCALE: 1" = 20'

20' 0 20' 40'

NORTH

CIVIL GRADING AND EROSION CONTROL PLAN - AREA C

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PROJECT INFORMATION

CREAM RECEIVING BUILDING EXPANSION FOR:
WEST POINT DAIRY PRODUCTS
570 NORTH 500 WEST • HYRUM, UT 84319

PROFESSIONAL SEAL

PRELIMINARY DATES
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APR. 17, 2026

NOT FOR CONSTRUCTION

JOB NUMBER
250231400

SHEET NUMBER
C1.2C

NOTE:
PROPOSED IRRIGATION DITCH MODIFICATION AND ASSOCIATED CULVERT DESIGN TO BE VERIFIED BY BLACKSMITH FORK IRRIGATION COMPANY PRIOR TO STARTING CONSTRUCTION.

KEYNOTES

EC 1	SILT FENCE
EC 2	DITCH CHECK
EC 3	STABILIZED CONSTRUCTION ENTRANCE
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SCALE: 1" = 20'
20' 0 20' 40'
NORTH

CIVIL GRADING AND EROSION CONTROL PLAN - AREA D

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PROJECT INFORMATION

CREAM RECEIVING BUILDING EXPANSION FOR:
WEST POINT DAIRY PRODUCTS
570 NORTH 500 WEST • HYRUM, UT 84319

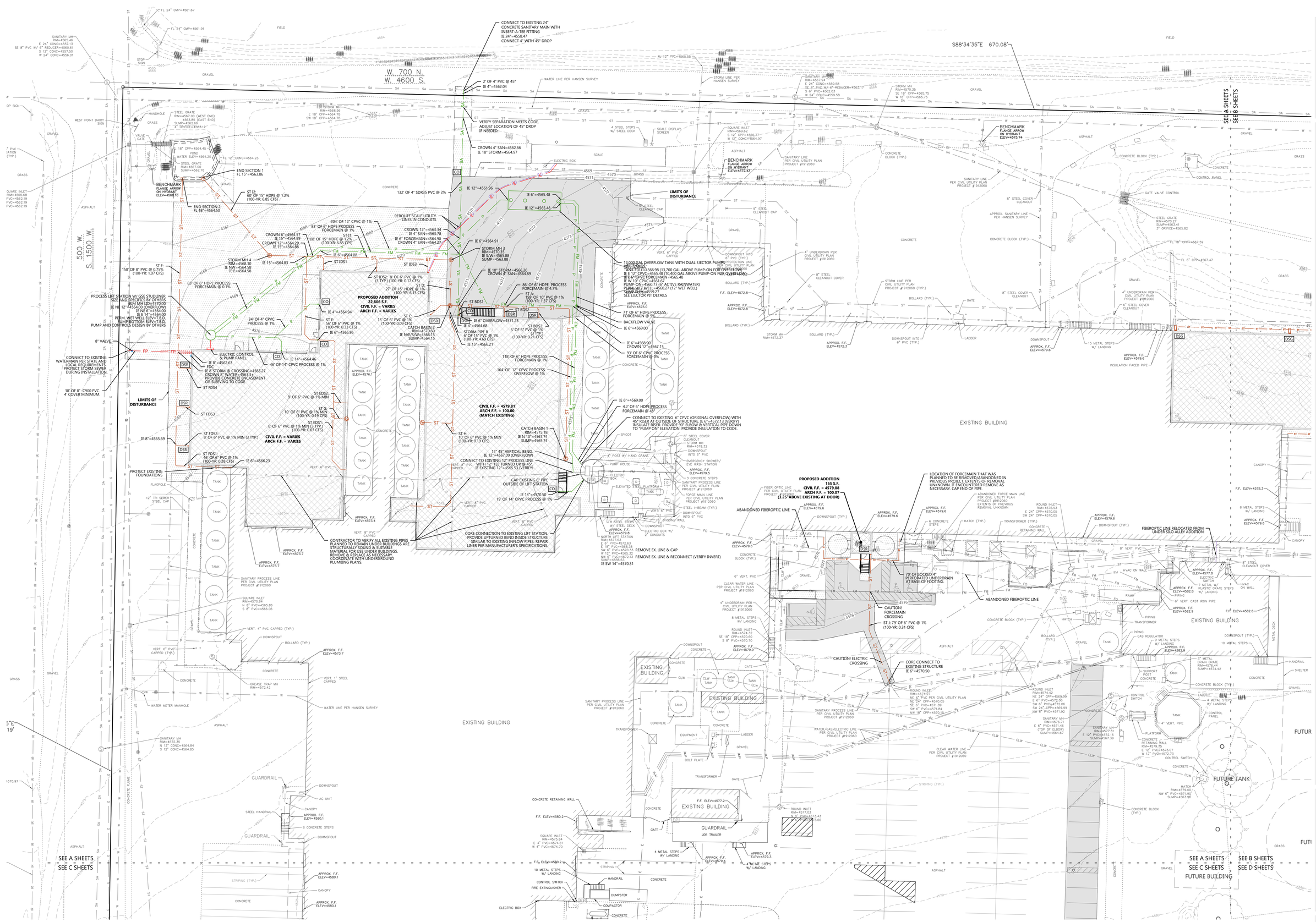
PROFESSIONAL SEAL

PRELIMINARY DATES
JAN. 7, 2026
FEB. 20, 2026
APR. 17, 2026

NOT FOR CONSTRUCTION

JOB NUMBER
250231400

SHEET NUMBER
C1.2D



CIVIL UTILITY PLAN - AREA A

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920-926-9800
excelengineer.com

PROJECT INFORMATION

CREAM RECEIVING BUILDING EXPANSION FOR:

WEST POINT DAIRY PRODUCTS

570 NORTH 500 WEST • HYRUM, UT 84319

PROFESSIONAL SEAL

PRELIMINARY DATES

JAN. 7, 2026
JAN. 22, 2026
FEB. 20, 2026
APR. 17, 2026

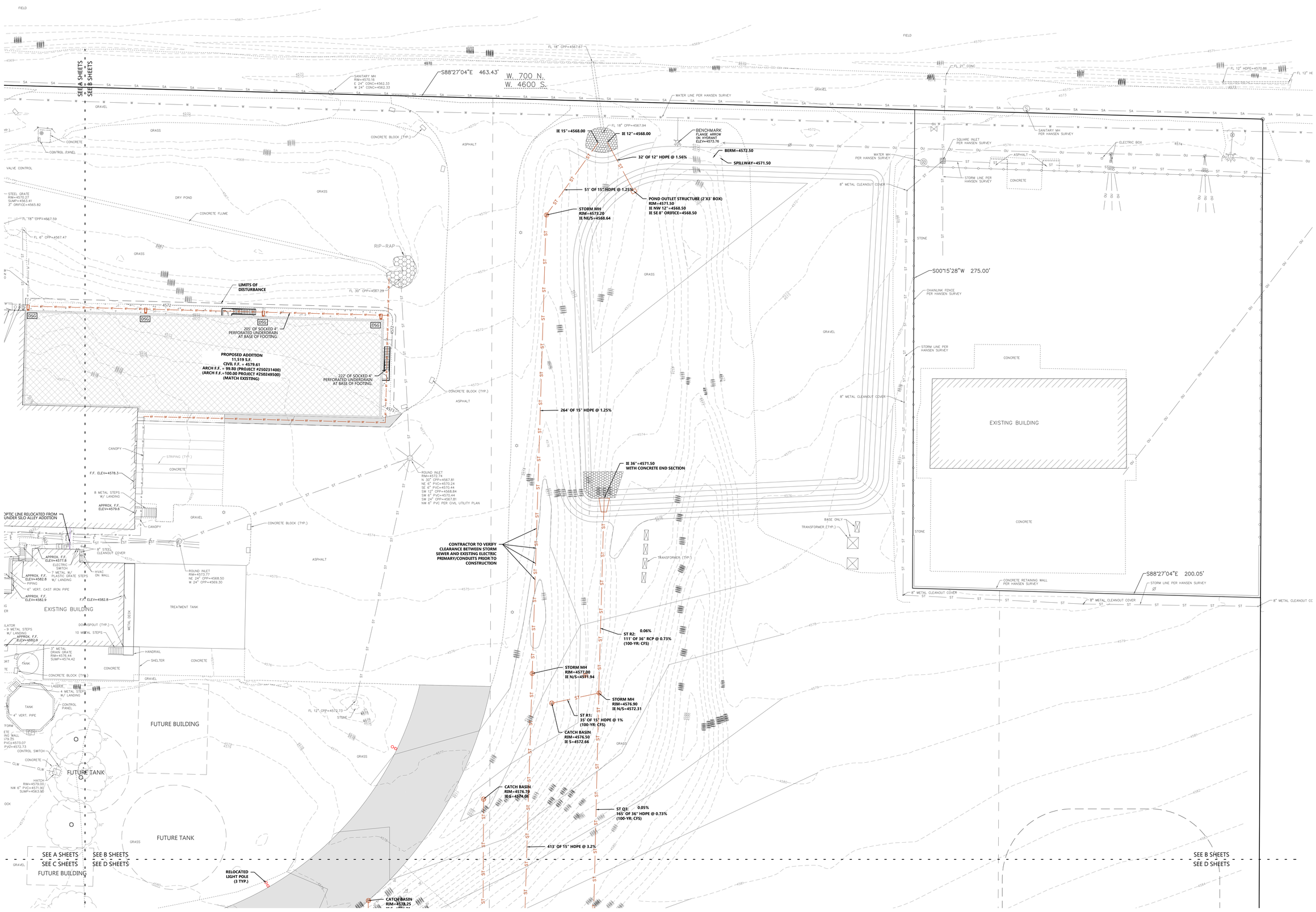
NOT FOR CONSTRUCTION

JOB NUMBER

250231400

SHEET NUMBER

C1.3A



SCALE: 1" = 20'

NORTH

CIVIL UTILITY PLAN - AREA B

EXCEL

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PROJECT INFORMATION

CREAM RECEIVING BUILDING EXPANSION FOR:

WEST POINT DAIRY PRODUCTS

570 NORTH 500 WEST • HYRUM, UT 84319

PROFESSIONAL SEAL

PRELIMINARY DATES

JAN. 7, 2026
JAN. 22, 2026
FEB. 20, 2026

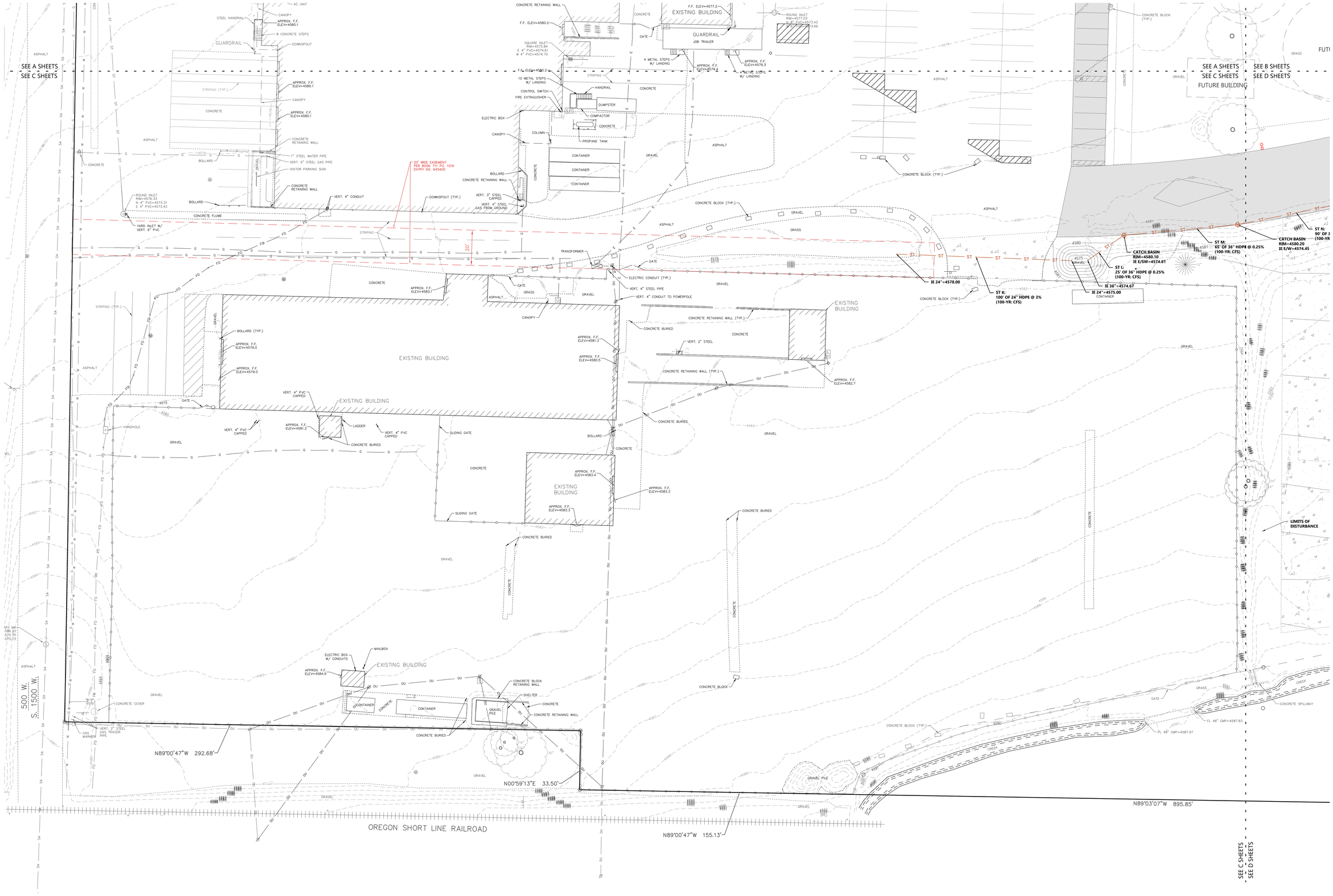
NOT FOR CONSTRUCTION

JOB NUMBER

250231400

SHEET NUMBER

C1.3B



CIVIL UTILITY PLAN - AREA C

EXCEL
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100 Camelot Drive
Fond du Lac, WI 54935
920-926-9800
excelengineer.com

PROJECT INFORMATION

CREAM RECEIVING BUILDING EXPANSION FOR:

WEST POINT DAIRY PRODUCTS

570 NORTH 500 WEST • HYRUM, UT 84319

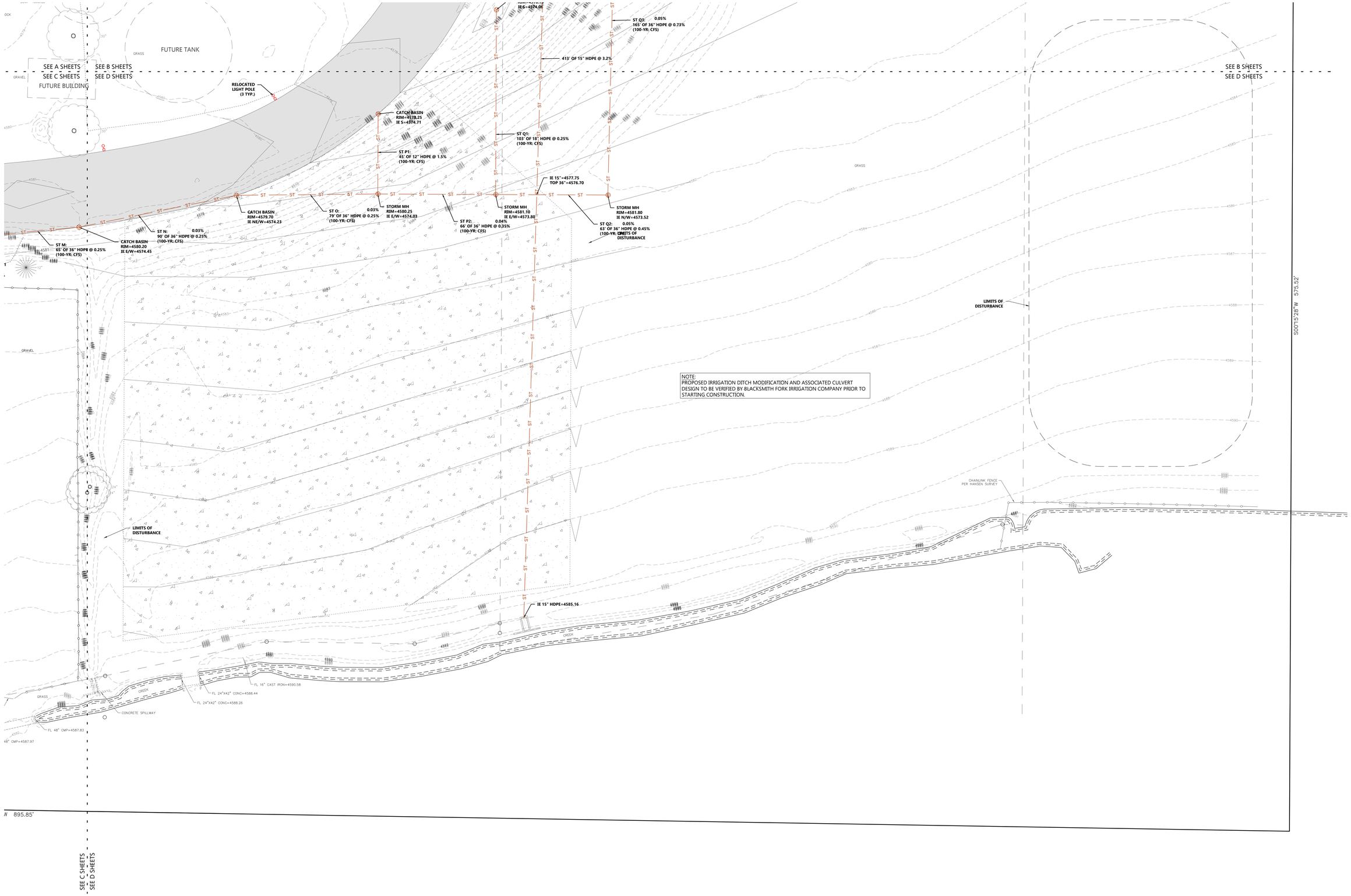
PROFESSIONAL SEAL

PRELIMINARY DATES
JAN. 7, 2026
JAN. 22, 2026
FEB. 20, 2026
APR. 17, 2026

NOT FOR CONSTRUCTION

JOB NUMBER
250231400

SHEET NUMBER
C1.3C



NOTE:
PROPOSED IRRIGATION DITCH MODIFICATION AND ASSOCIATED CULVERT DESIGN TO BE VERIFIED BY BLACKSMITH FORK IRRIGATION COMPANY PRIOR TO STARTING CONSTRUCTION.

SCALE: 1" = 20'
20' 0 20' 40'
NORTH

CIVIL UTILITY PLAN - AREA D

EXCEL
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100 Camelot Drive
Fond du Lac, WI 54935
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PROJECT INFORMATION

CREAM RECEIVING BUILDING EXPANSION FOR:
WEST POINT DAIRY PRODUCTS
570 NORTH 500 WEST • HYRUM, UT 84319

PROFESSIONAL SEAL

PRELIMINARY DATES
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JAN. 22, 2026
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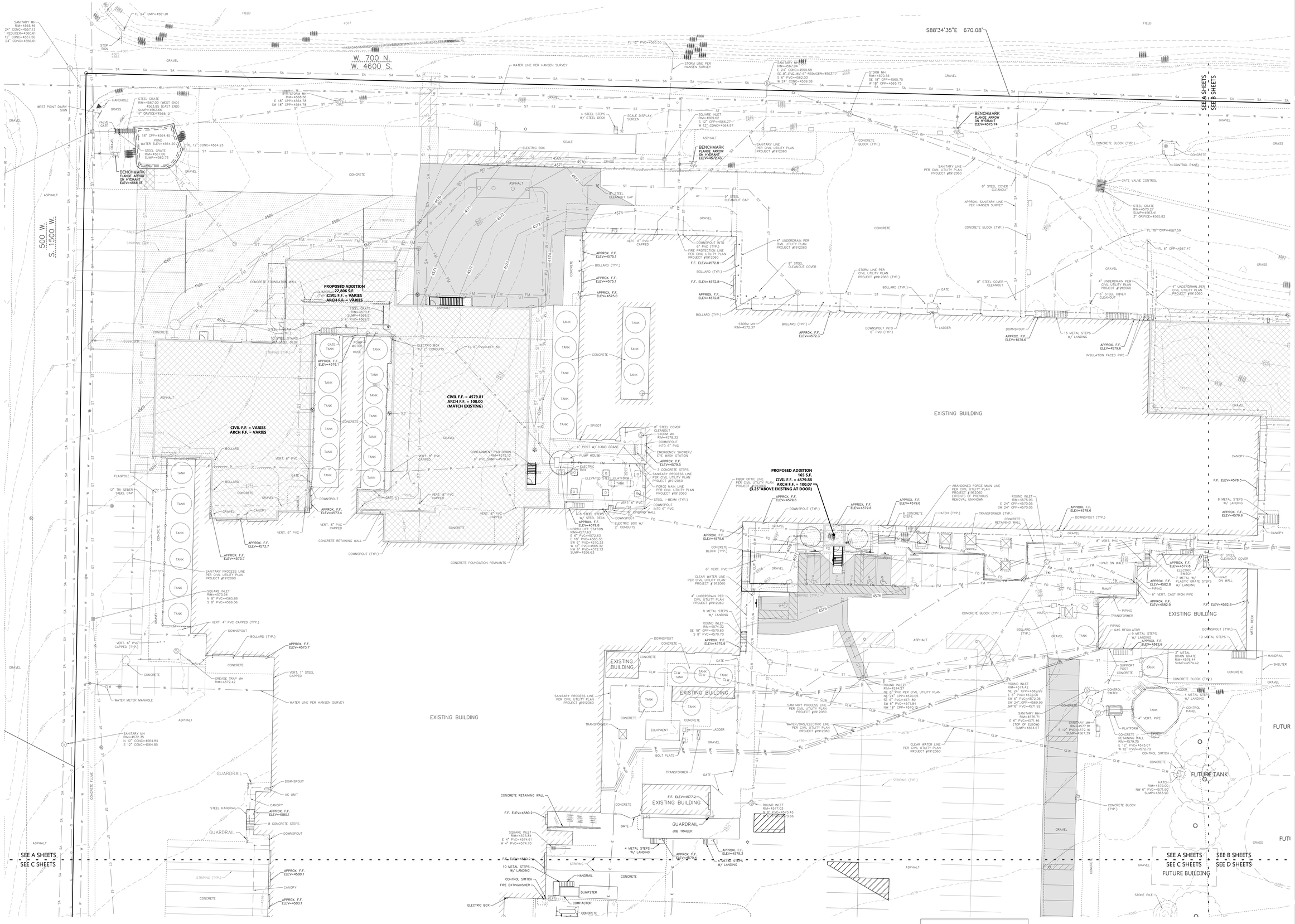
APR. 17, 2026

NOT FOR CONSTRUCTION

JOB NUMBER
250231400

SHEET NUMBER
C1.3D



HATCH KEY:

HATCH	LANDSCAPE MATERIAL
	EROSION MATTING (NAG S150) OVER SEEDED LAWN (> OR = 4:1 SLOPES OUTSIDE OF SWM)
	EROSION MATTING (NAG C125) OVER SEEDED LAWN (SWALE BOTTOMS & SWM)

CIVIL LANDSCAPE AND RESTORATION PLAN - AREA A

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PROJECT INFORMATION

CREAM RECEIVING BUILDING EXPANSION FOR:

WEST POINT DAIRY PRODUCTS

570 NORTH 500 WEST • HYRUM, UT 84319

PROFESSIONAL SEAL

PRELIMINARY DATES

FEB. 20, 2026
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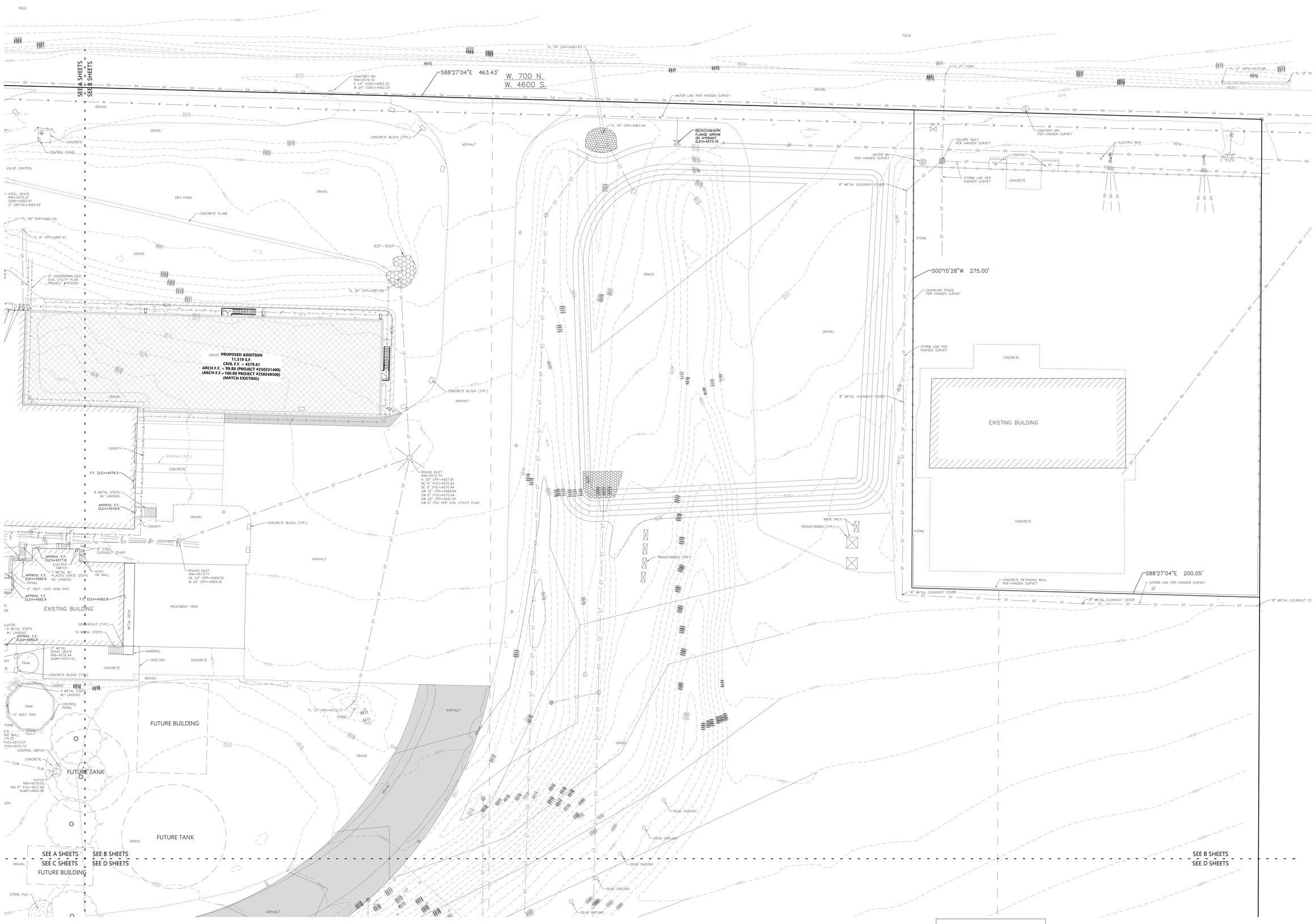
NOT FOR CONSTRUCTION

JOB NUMBER

250231400

SHEET NUMBER

C1.4A



HATCH KEY:

HATCH	LANDSCAPE MATERIAL
	EROSION MATTING (NAG S150) OVER SEEDED LAWN (> OR = 4:1 SLOPES OUTSIDE OF SWM)
	EROSION MATTING (NAG C125) OVER SEEDED LAWN (SWALE BOTTOMS & SWM)

SCALE: 1"= 20'

20' 0 20' 40'

NORTH

CIVIL LANDSCAPE AND RESTORATION PLAN - AREA B

EXCEL

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PROJECT INFORMATION

CREAM RECEIVING BUILDING EXPANSION FOR:

WEST POINT DAIRY PRODUCTS

570 NORTH 500 WEST • HYRUM, UT 84319

PROFESSIONAL SEAL

PRELIMINARY DATES

FEB. 20, 2026

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NOT FOR CONSTRUCTION

JOB NUMBER

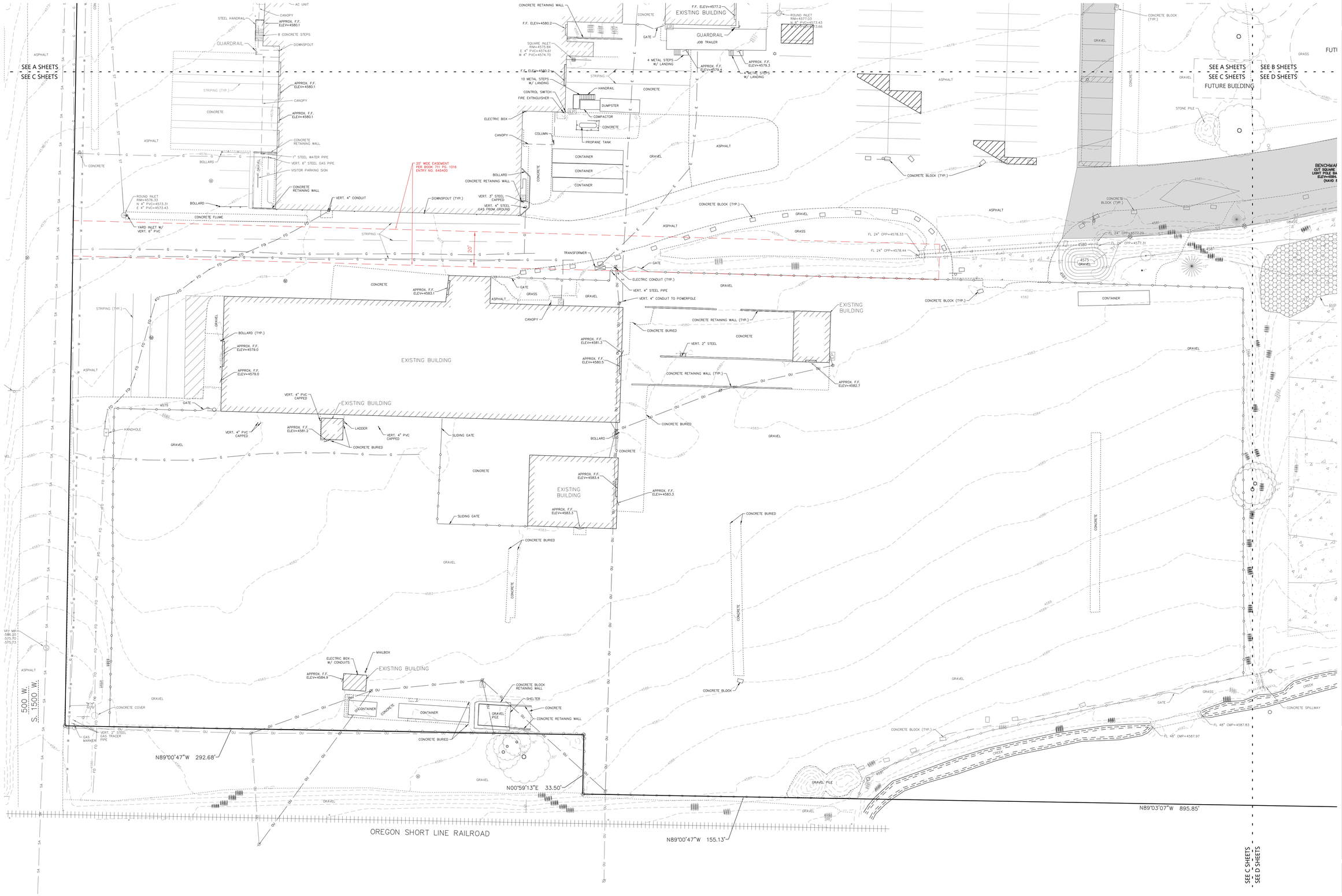
250231400

SHEET NUMBER

C1.4B

HATCH KEY:

HATCH	LANDSCAPE MATERIAL
	EROSION MATTING (NAG S150) OVER SEEDED LAWN (> OR = 4:1 SLOPES OUTSIDE OF SWM)
	EROSION MATTING (NAG C125) OVER SEEDED LAWN (SWALE BOTTOMS & SWM)



CIVIL LANDSCAPE AND RESTORATION PLAN - AREA C

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Fond du Lac, WI 54935
920-926-9800
excelengineer.com

PROJECT INFORMATION

CREAM RECEIVING BUILDING EXPANSION FOR:

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JOB NUMBER

250231400

SHEET NUMBER

C1.4D

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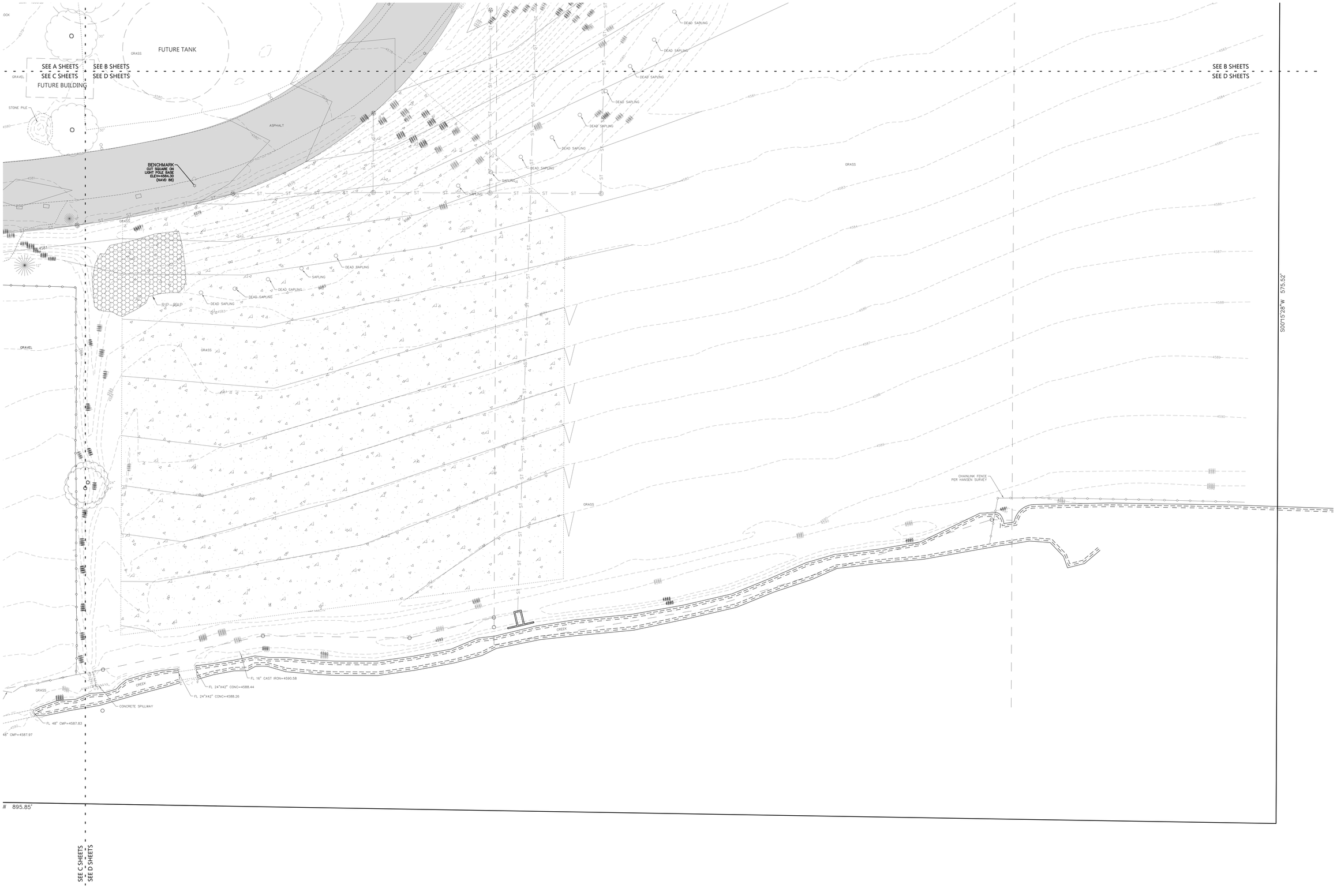

SCALE: 1" = 20'
20' 0 20' 40'
NORTH

CIVIL LANDSCAPE AND RESTORATION PLAN - AREA D

EXCEL
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PROJECT INFORMATION

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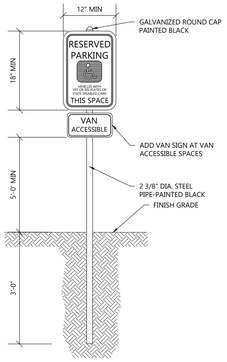
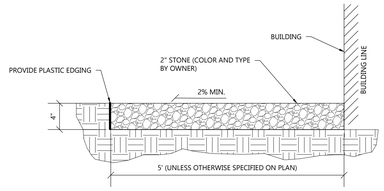


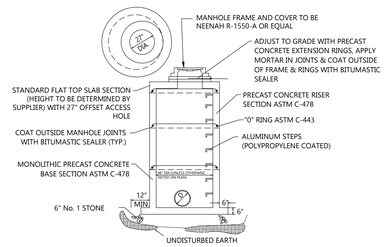
HANDICAP SIGNAGE WITHOUT CONCRETE BASE DETAIL

NOT TO SCALE



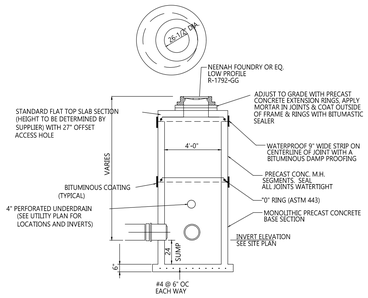
STONE STRIP DETAIL

NOT TO SCALE



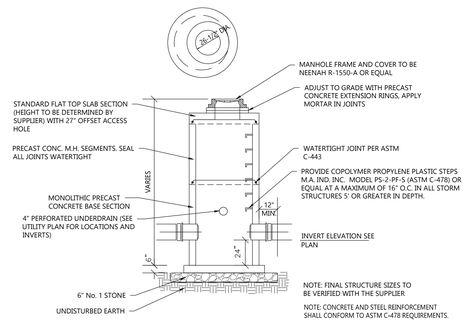
STORM MANHOLE DETAIL

NOT TO SCALE



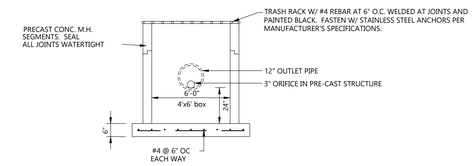
STORM CATCH BASIN W/ SUMP DETAIL

NOT TO SCALE



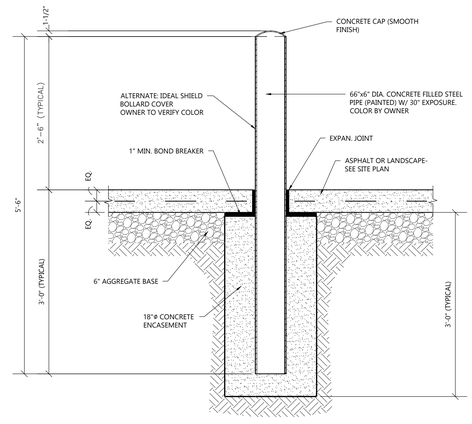
STORM MANHOLE W/ SUMP DETAIL

NOT TO SCALE



OUTLET STRUCTURE DETAIL

NOT TO SCALE



6" PIPE BOLLARD DETAIL

NOT TO SCALE

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PROJECT INFORMATION

CREAM RECEIVING BUILDING EXPANSION FOR:

WEST POINT DAIRY PRODUCTS

570 NORTH 500 WEST • HYRUM, UT 84319

PROFESSIONAL SEAL

PRELIMINARY DATES

FEB. 20, 2026
APR. 17, 2026

NOT FOR CONSTRUCTION

JOB NUMBER

250231400

SHEET NUMBER

C2.0

CIVIL DETAILS