MODULAR BUILDING FOR

FURLOW CHARTER SCHOOL

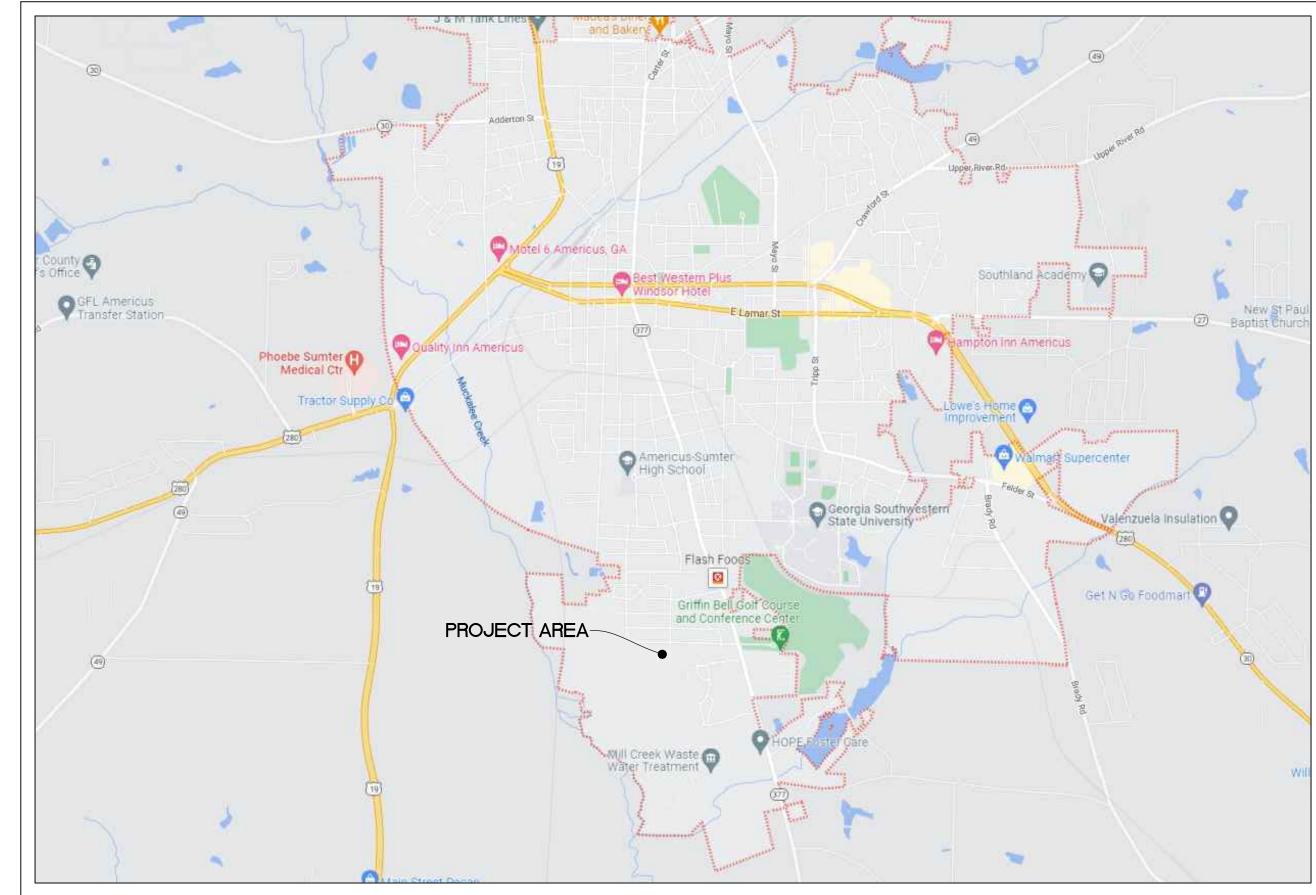
SITE PLAN

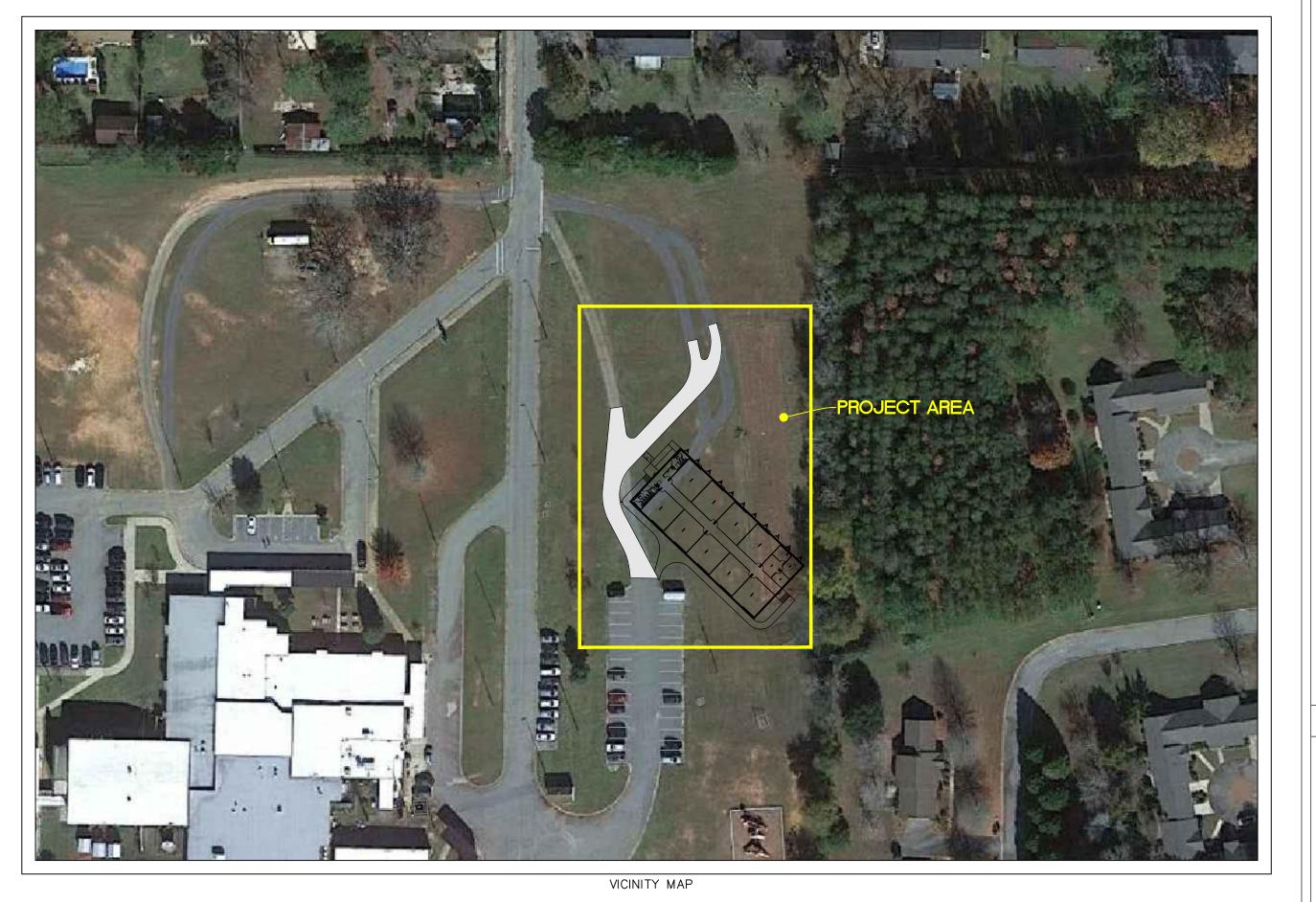
63 VALLEY DRIVE PART OF LAND LOT X 27th LAND DISTRICT AMERICUS, SUMTER COUNTY, GEORGIA

NOVEMBER 28, 2022

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TIFTON, GEORGIA 31793

JN: 22023 SHEET NUMBER

C1.0

GENERAL NOTES:

- 1. TOPOGRAPHIC AND PARTIAL BOUNDARY SURVEY DONE BY LANGFORD & ASSOCIATES.
- 2. THE PROPOSED CONSTRUCTION FOR THIS PROPERTY IS A MODULAR CLASSROOM BUILDING, SIDEWALK, AND THE RELOCATION OF EXISTING DRIVEWAYS.
- 3. THE PROPERTY IS LOCATED AT 63 VALLEY DRIVE IN AMERICUS, SUMTER COUNTY, GEORGIA AND IN LAND LOT X OF THE 27TH LAND DISTRICT.
- 4. THE PROPERTY AREA IS 14.4 ACRES. DISTURBED AREA IS LESS THAN 1 ACRE.
- 5. THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN TRAFFIC CONTROL DEVICES DURING CONSTRUCTION.
- 6. OWNER/DEVELOPER: FURLOW CHARTER SCHOOL INC 63 VALLEY DR

AMERICUS, GA 31709

- 7. IN OUR OPINION THERE ARE NO STATE WATERS LOCATED WITHIN THE DISTURBED AREA.
- 8. IN OUR OPINION THERE ARE NO WETLANDS LOCATED WITHIN THE DISTURBED AREA.
- 9. NO MATERIALS SHALL BE BURIED ON SITE.
- 10. CONTRACTOR SHALL PROVIDE BARRICADES AROUND PROJECT AREA AS NECESSARY.
- 11. CONTRACTOR SHALL PROVIDE PERMANENT GRASSING AND MULCH FOR ALL DISTURBED AREAS.

GENERAL CONSTRUCTION NOTES:

- 1. FOLLOW ALL FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS DURING CONSTRUCTION OF THIS PROJECT. SPECIAL CARE SHALL BE TAKEN DURING ALL TRENCHING OPERATIONS. SHEETING AND BRACING, CRIBBING, ETC., MUST BE INSTALLED AS REQUIRED TO PROVIDE MAXIMUM SAFETY TO THE CONTRACTOR'S WORKERS IN FULL COMPLIANCE WITH OSHA REGULATIONS.
- 2. ABIDE BY ALL OSHA, FEDERAL, STATE AND LOCAL REGULATIONS WHEN OPERATING CRANES, BOOMS, HOISTS, EXCAVATORS ETC. IN CLOSE PROXIMITY TO OVERHEAD/UNDERGROUND ELECTRIC LINES. IF EQUIPMENT MUST OPERATE CLOSE TO ELECTRIC LINES, CONTACT THE POWER COMPANY TO MAKE ARRANGEMENTS FOR PROPER SAFEGUARDS.
- 3. PROVIDE ADEQUATE BARRICADES AT DRIVES, ENTRANCES, EXCAVATIONS AND OTHER OPENINGS TO KEEP OUT UNAUTHORIZED PERSONS AND FOR EMPLOYEE/VENDOR SAFETY AND TRAFFIC CONTROL. SAFETY PROVISIONS OF APPLICABLE LAWS SHALL BE OBSERVED AT ALL TIMES. BARRICADES LEFT IN PLACE AT NIGHT SHALL BE LIGHTED.
- 4. KEEP EXISTING ROADS AND DRIVES CLEAR OF DIRT, DEBRIS AND EQUIPMENT.
- 5. PROVIDE SHORING AND DEWATERING TO ACCOMPLISH ALL WORK INDICATED ON PLANS AND TO PERFORM REQUIRED COMPACTION OPERATIONS.
- 6. VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT THE OWNER AND ENGINEER IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS.
- 7. REFER TO APPROPRIATE SHEETS FOR EROSION AND SEDIMENT CONTROL, STORM DRAINAGE, UTILITY, PAVING, CURBING, AND SIGNAGE DETAILS AS APPLICABLE.
- 8. VERIFY ALL DIMENSIONS FOR BUILDING, WALLS, CONCRETE SLABS, UTILITY SERVICE POINT CONNECTIONS, AND THE PROPOSED WORK, AND NOTIFY THE OWNER AND ENGINEER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO
- 9. FIRE LANES SHALL BE ESTABLISHED AND PROPERLY DESIGNATED IN ACCORDANCE WITH THE LOCAL MUNICIPALITY AND LOCAL FIRE DEPARTMENT REQUIREMENTS.

GRADING NOTES:

- 1. PROVIDE EXPANSION JOINTS BETWEEN CONCRETE PAVEMENT AND ALL FIXED STRUCTURES.
- 2. CONTRACTOR TO COORDINATE THE WORK WITH ALL UTILITY COMPANIES.
- 3. ALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE REMOVED UPON POINT OF FINAL STABILIZATION.
- 4. TOPSOIL SHALL BE STRIPPED AND STOCKPILED FOR RE-SPREADING. AFTER FINAL GRADING OF THE SUBGRADE, TOPSOIL IS TO BE RE-SPREAD EVENLY AND COMPACTED TO ELEVATION. GRADE WITH A MINIMUM THICKNESS OF 6 INCHES. DISTURBED AREAS NOT DESIGNATED AS PARKING, BUILDING, SIDEWALKS, OR OTHER IMPERVIOUS AREAS SHALL RECEIVE TOPSOIL AND ARE TO BE GRASSED.
- 5. PROPOSED CONTOURS AND SPOT ELEVATIONS ARE TO TOP OF TOPSOIL, PAVEMENT, SIDEWALK, OR OTHER FINISHED SURFACE.
- 6. FILL SHOULD BE PLACED IN 6 TO 8 INCH LIFTS (LOOSE MEASURE) AND COMPACTED TO AT LEAST 98% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 698.

GENERAL UTILITY NOTES:

- 1. PROTECT AND MAINTAIN CROSSINGS OF OTHER UTILITY LINES.
- 2. PROPER COORDINATION SHALL BE PERFORMED TO ENSURE THAT ALL GOVERNING AGENCY STANDARDS FOR MATERIALS AND CONSTRUCTION METHODS ARE MET.
- 3. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES, INCLUDING SERVICES PRIOR TO CONSTRUCTION. CONTACT THE STATE UTILITIES PROTECTION SERVICE @ 811 AT LEAST 48 HOURS BEFORE THE START OF THE WORK AND VERIFY ALL EXISTING UTILITY LOCATIONS.
- 4. ARRANGE FOR AND COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES FOR SERVICE INSTALLATIONS AND CONNECTIONS AND MAIN AND SERVICE RELOCATIONS. COORDINATE THE WORK TO BE PERFORMED BY THE VARIOUS GOVERNING AGENCIES AND SECURE ALL PERMITS AND PAY ALL FEES FOR CONNECTIONS. DISCONNECTIONS, RELOCATIONS, INSPECTIONS, AND DEMOLITION AS NECESSARY
- 5. DO NOT INTERRUPT EXISTING UTILITIES SERVICING FACILITIES OCCUPIED AND USED BY THE OWNER OR OTHERS DURING OCCUPIED HOURS EXCEPT WHEN SUCH INTERRUPTIONS HAVE BEEN AUTHORIZED IN WRITING BY THE OWNER, LOCAL MUNICIPALITY AND/OR UTILITY COMPANY. INTERRUPTIONS SHALL ONLY OCCUR AFTER ACCEPTABLE TEMPORARY OR PERMANENT SERVICE HAS BEEN PROVIDED.
- 6. PROVIDE SLEEVES UNDER FOOTINGS OR THROUGH FOUNDATIONS FOR UTILITY CONNECTIONS AS REQUIRED.
- 7. PROVIDE ALL BENDS, FITTINGS, ADAPTERS, ETC. AS REQUIRED FOR PIPE CONNECTIONS TO BUILDING STUB-OUTS.
- 8. ALL UTILITY CONSTRUCTION IS SUBJECT TO INSPECTION PRIOR TO APPROVAL FOR BACKFILL, IN ACCORDANCE WITH THE APPROPRIATE GOVERNING AGENCY.
- 9. IN THE EVENT OF CONFLICT OF ANY REQUIREMENTS OR PROVISIONS OF THE WORK INDICATED HEREON, THE SITE ENGINEER SHALL BE NOTIFIED FOR A DETERMINATION OF THE PLAN REQUIREMENTS AND INTENT THEREOF.
- 10. UTILITY CONNECTION DESIGN AS REFLECTED ON THE PLAN MAY CHANGE SUBJECT TO GOVERNING AGENCY REVIEW AND/OR FIELD CONDITIONS.
- 11. PIPE LENGTHS SHOWN ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
- 12. TRENCHES SHOULD BE BACKFILLED AND THE PAVEMENT RESTORED IN SUCH A MANNER THAT ALLOWS TRAFFIC TO SAFELY TRAVEL ALONG AND/OR CROSS IT DURING NON-CONSTRUCTION HOURS. HOLES SHALL NOT BE ALLOWED DURING NON-CONSTRÚCTION KEEP THE TRENCH AREA IN A SAFE PASSABLE CONDITION AT ALL TIMES.
- 13. WATER, SEWER, AND GAS UTILITIES WILL BE PICKED UP BY OTHERS FIVE (5) FEET OUTSIDE OF BUILDING FACE.
- 14. VISIT THE SITE AND VERIFY THE ELEVATION AND LOCATION OF ALL UTILITIES PRIOR TO BEGINNING ANY EXCAVATION. TEST PITS SHALL BE DUG AT ALL LOCATIONS WHERE SEWERS CROSS EXISTING UTILITIES, AND THE HORIZONTAL AND VERTICAL LOCATIONS OF THE UTILITIES SHALL BE DETERMINED. CONTACT THE ENGINEER AND CONSTRUCTION MANAGER IN THE EVENT OF ANY UNFORESEEN CONFLICTS BETWEEN EXISTING AND PROPOSED UTILITIES SO THAT AN APPROPRIATE MODIFICATION MAY BE MADE.

SANITARY SEWER NOTES:

- 1. DOWNSPOUT, FOOTER DRAINS OR OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
- 2. TEST THE SANITARY SEWER FOR LEAKAGE IN ACCORDANCE WITH THE GOVERNING AGENCY'S REQUIREMENTS. THE INSPECTOR FOR THE MUNICIPALITY/UTILITY SHALL BE PRESENT DURING TESTING.

WATER NOTES:

- 1. INSTALL WATER MAIN/LEAD WITH A MINIMUM OF THREE (3) FEET OF COVER.
- 2. PROVIDE A MINIMUM OF EIGHTEEN (18) INCHES OF VERTICAL SEPARATION AND TEN (10) FEET OF HORIZONTAL SEPARATION BETWEEN THE WATER MAIN AND SANITARY SEWERS.

EROSION CONTROL NOTES:

- . ALL DESIGNS WILL CONFORM TO AND ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE PUBLICATION ENTITLED "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA", LATEST EDITION.
- 2. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES, IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL. ADDITIONAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE. ADDITIONAL MEASURES WILL BE ADDED IF DETERMINED TO BE NEEDED BY ON SITE INSPECTIONS.
- 3. THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.
- 4. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSPECTED DAILY AND NEEDED REPAIRS OR MAINTENANCE SHALL BE COMPLETED BEFORE WORK STARTS FOR THE DAY.
- 5. TEMPORARY MEASURES INCLUDING SILT FENCE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR ONCE THE SITE IS STABILIZED AS DETERMINED BY THE ENGINEER.
- 6. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

GEORGIA UNIFORM CODING SYSTEM

FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

STRUCTURAL PRACTICES

DESCRIPTION

CODE PRACTICE DETAIL MAP

Cd	CHECKDAM		\$	A small temporary barrier or dam constructed across a swale, drainage ditch or area of concentrated flow.
Ch	CHANNEL STABILIZATION	90	*	Improving, constructing or stabilizing an open channel, existing stream, or ditch.
(co	CONSTRUCTION EXIT		(LABEL)	A crushed stone pad located at the construction site exit to provide a place for removing mud from tires thereby protecting public streets.
Cr	CONSTRUCTION ROAD STABILIZATION		Cr , ,	A travelway constructed as part of a construction plan including access roads, subdivision roads, parking areas and other on—site vehicle transportation routes.
Dc	STREAM DIVERSION CHANNEL		*	A temporary channel constructed to convey flow around a construction site while a permanent structure is being constructed.
Di	DIVERSION			An earth channel or dike located above, below or across a slope to divert runoff. This may be a temporary or permanent structure.
Dn1	TEMPORARY DOWNDRAIN STRUCTURE		(LABEL)	A flexible conduit of heavy—duty fabric or other material designed to safely conduct surface runoff down a slope. This is temporary and inexpensive.
Dn2	PERMANENT DOWNDRAIN STRUCTURE		Dn2 (LABEL)	A paved chute, pipe, sectional conduit or similar material designed to safely conduct surface runoff down a slope.
Fr	FILTER RING			A temporary stone barrier constructed at storm drain inlets and pond outlets.
Ga	GABION		The state of the s	Rock filter baskets which are hand—placed into position forming soil stabilizing structures.
Gr	GRADE STABILIZATION STRUCTURE		Gr) (LABEL)	Permanent structures installed to protect channels or waterways where otherwise the slope would be sufficient for the running water to form gullies.
Lv	LEVEL SPREADER	Amining .		A structure to convert concentrated flow of water into less erosive sheet flow. This should be constructed only on undisturbed soils.
Rd	ROCK FILTER DAM		S	A permanent or temporary stone filter dam installed across small streams or drainageways.
Re	RETAINING WALL		Re (LABEL)	A wall installed to stabilize cut and fill slopes where maximum permissible slopes are not obtainable. Each situation will require special design.
Rt	RETRO FITTING		Rt) (LABEL)	A device or structure placed in front of a permanent stormwater detention pond outlet structure to serve as a temporary sediment filter.
(Sd1)	SEDIMENT BARRIER		(NDICATE TYPE)	A barrier to prevent sediment from leaving the construction site. It may be sandbags, bales of straw or hay, brush, logs and poles, gravel, or a silt fence.
Sd2	INLET SEDIMENT TRAP	*		An impounding area created by excavating around a storm drain drop inlet. The excavated area will be filled and stabilized on completion of construction activities.
Sd3	TEMPORARY SEDIMENT BASIN		Sd3 (LABEL)	A basin created by excavation or a dam across a waterway. The surface water runoff is temporarily stored allowing the bulk of the sediment to drop out.
Sd4	TEMPORARY SEDIMENT TRAP			A small temporary pond that drains a disturbed area so that sediment can settle out. The principle feature distinguishing a temporary sediment trap from a temporary sediment basin is the lack of a pipe or riser.
Sk	FLOATING SURFACE SKIMMER		Sk) (LABEL)	A buoyant device that releases/drains water from the surface of sediment ponds, traps, or basins at a controlled rate of flow.
Spb	SEEP BERM		(CABEL)	Linear control device constructed as a diversion perpendicular to the direction of runoff to enhance dissipation and infiltration, while creating multiple sedimentation chambers with the employment of intermediate dikes.

LEGEND

STRUCTURAL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION	
Sr	TEMPORARY STREAM CROSSING		(LABEL)	A temporary bridge or culvert—type structure protecting a stream or watercourse from damage by crossing construction equipment.	
St	STORMDRAIN OUTLET PROTECTION		St)	A paved or short section of riprap channel at the outlet of a storm drain system preventing erosion from the concentrated runoff.	
Su	SURFACE ROUGHENING		⊢(Su)−1	A rough soil surface with horizontal depressions on a contour or slopes left in a roughened condition after grading.	
Tc	TURBIDITY CURTAIN		Te	A floating or staked barrier installed within the water (it may also be referred to as a floating boom, silt barrier, or silt curtain).	
Тр	TOPSOILING		(SHOW STRIPING AND STORAGE AREAS)	The practice of stripping off the more fertile soil, storing it, then spreading it over the disturbed area after completion of construction activities.	
Tr	TREE PROTECTION	\odot	(DENOTE TREE CENTERS)	To protect desirable trees from injury during construction activity.	
Wt	VEGETATED WATERWAY OR STORMWATER CONVEYANCE CHANNEL		++	Paved or vegetative water outlets for diversions, terraces, berms, dikes or similar structures.	

VECETATIVE DDAOTICE

CODE	PRACTICE	DETAIL	MAP	DESCRIPTION
CODL	FIXACTICE	DETAIL	SYMBOL	DESCRIPTION
Bf	BUFFER ZONE		Bf (LABEL)	Strip of undisturbed original vegetation, enhanced or restored existing vegetation the reestablishment of vegetation surroun an area of disturbance or bordering strea
Cs	COASTAL DUNE STABILIZATION (WITH VEGETATION)	JETELLE FERFERE	Cs	Planting vegetation on dunes that are der artificially constructed, or re-nourished.
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)		Ds1	Establishing temporary protection for disturbed areas where seedlings may not a suitable growing season to produce an erosion retarding cover.
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP SEEDING)		Ds2	Establishing a temporary vegetative cover with fast growing seedings on disturbed areas.
Ds3	DISTURBED AREA STABILIZATION (WITH PERM SEEDING)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ds3	Establishing a permanent vegetative cover such as trees, shrubs, vines, grasses, or legumes on disturbed areas.
Ds4	DISTURBED AREA STABILIZATION (SODDING)	3 2	Ds4	A permanent vegetative cover using sods highly erodable or critically eroded lands.
Du	DUST CONTROL ON DISTURBED AREAS		Du	Controlling surface and air movement of dust on construction site, roadways and similar sites.
FI-Co	FLOCCULANTS AND COAGULANTS		FI-Co	Substance formulated to assist in the solids/liquid separation of suspended particles in solution.
Sb	STREAMBANK STABILIZATION (USING PERM VEGETATION)		Sb	The use of readily available native plant materials to maintain and enhance streambanks, or to prevent, or restore an repair small streambank erosion problems.
Ss	SLOPE STABILIZATION		Ss	A protective covering used to prevent ero and establish temporary or permanent vegetation on steep slopes, shore lines, or channels.
Тас	TACKIFIERS AND BINDERS	G AMA	Tac	Substance used to anchor straw or hay mulch by causing the organic material to bind together.

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DESCRIPTION	ABBREVIATION	DESCRIPTION	EXISTING	
CORRUGATED METAL PIPE	OUD	CONTOUR		
	CMP			
REINFORCED CONCRETE PIPE	RCP	SPOT ELEVATION	+100.00	
IRON REBAR SET	IRS	ASPHALT		
IRON REBAR FOUND	IRF	CONCRETE		
INVERT	INV	UTILITY POLE	₽	
INVERT ELEVATION	IE	OVERHEAD UTILITY LINE	OHU	
IRON PIN SET	IPS	UNDERGROUND FIBER OPTIC LINE	F0	
DUCTILE IRON PIPE	DIP	TELEPHONE PEDESTAL	Т	
UNDERGROUND	UG	GUY ANCHOR	7	
FINISHED FLOOR	F.F.	WATER LINE		
RIGHT OF WAY	R/W	SANITARY SEWER LINE	ss_	
BOLLARD	BOL	STORM PIPE		
CLEANOUT	C.O.	LIMITS OF DISTURBANCE		
IRRIGATION CONTROL VALVE	ICV	FIRE HYDRANT	×	
CONCRETE MONUMENT FOUND	CMF	GAS LINE	——— GAS ——— GAS ———	
		SANITARY SEWER MANHOLE	S	
		CURB AND GUTTER	=====	
		WATER METER	WM □	
		WATER METER	-0	
		WATER VALVE	₩V	
		AREA OF DEMOLTION		
		HEAVY DUTY ASPHALT		
		TREE LINE		
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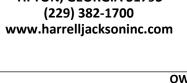


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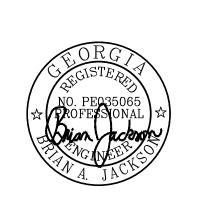
HARRELL

ENGINEER

P.O. 7290 **TIFTON. GEORGIA 31793** (229) 382-1700







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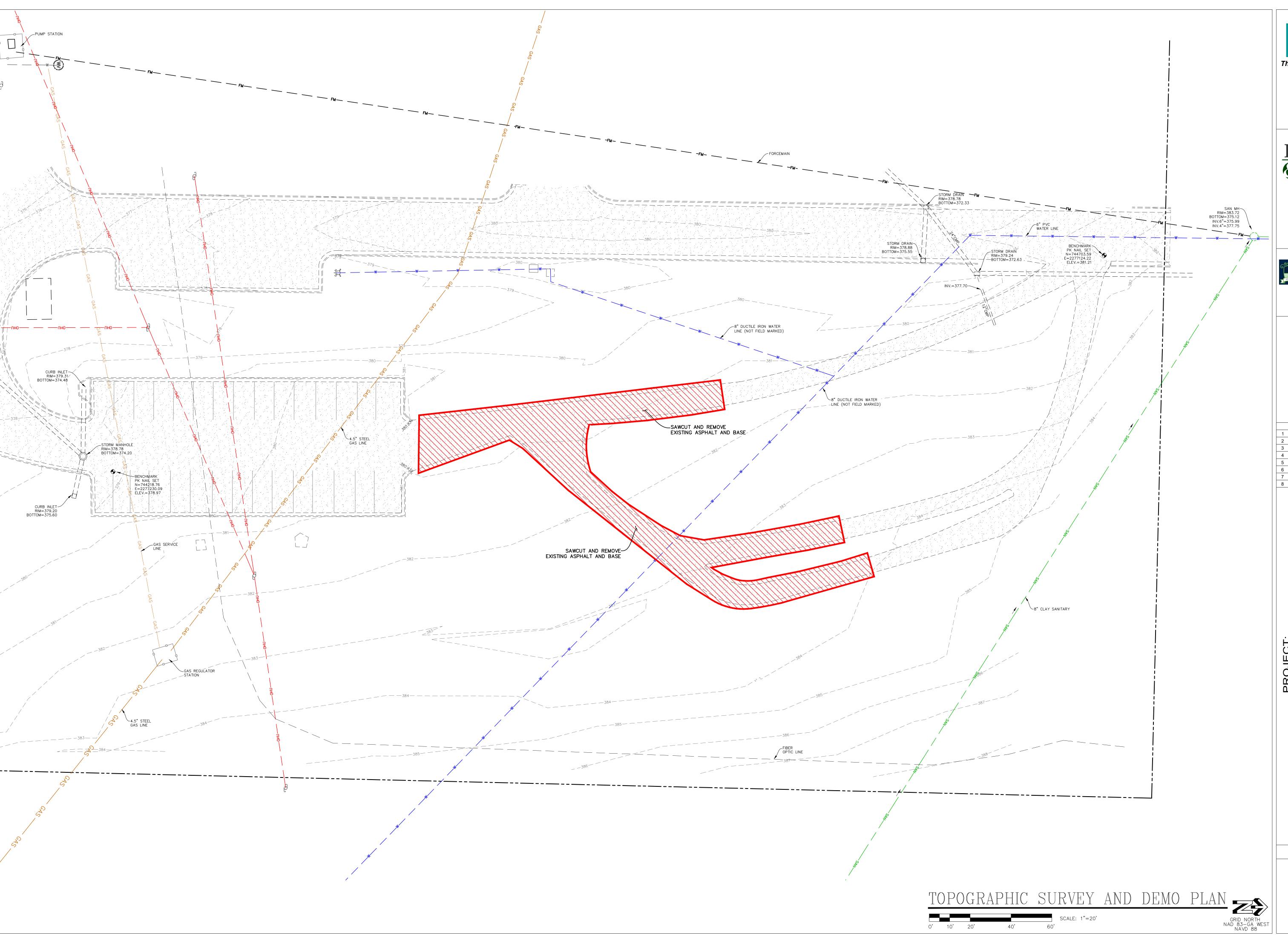
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63 VALLEY DRIVE AMERICUS, GEORGIA 31709 (229) 931-8667



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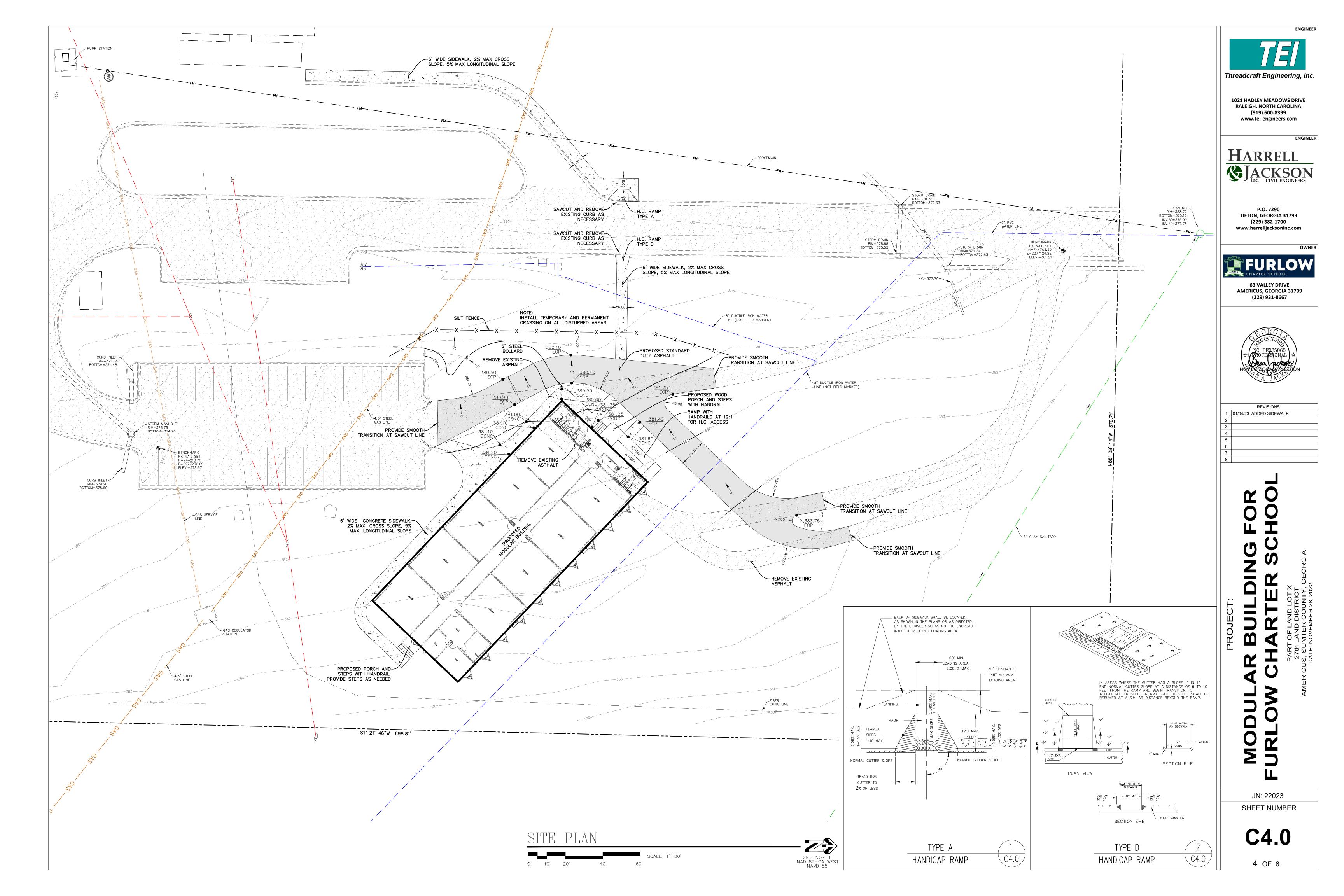
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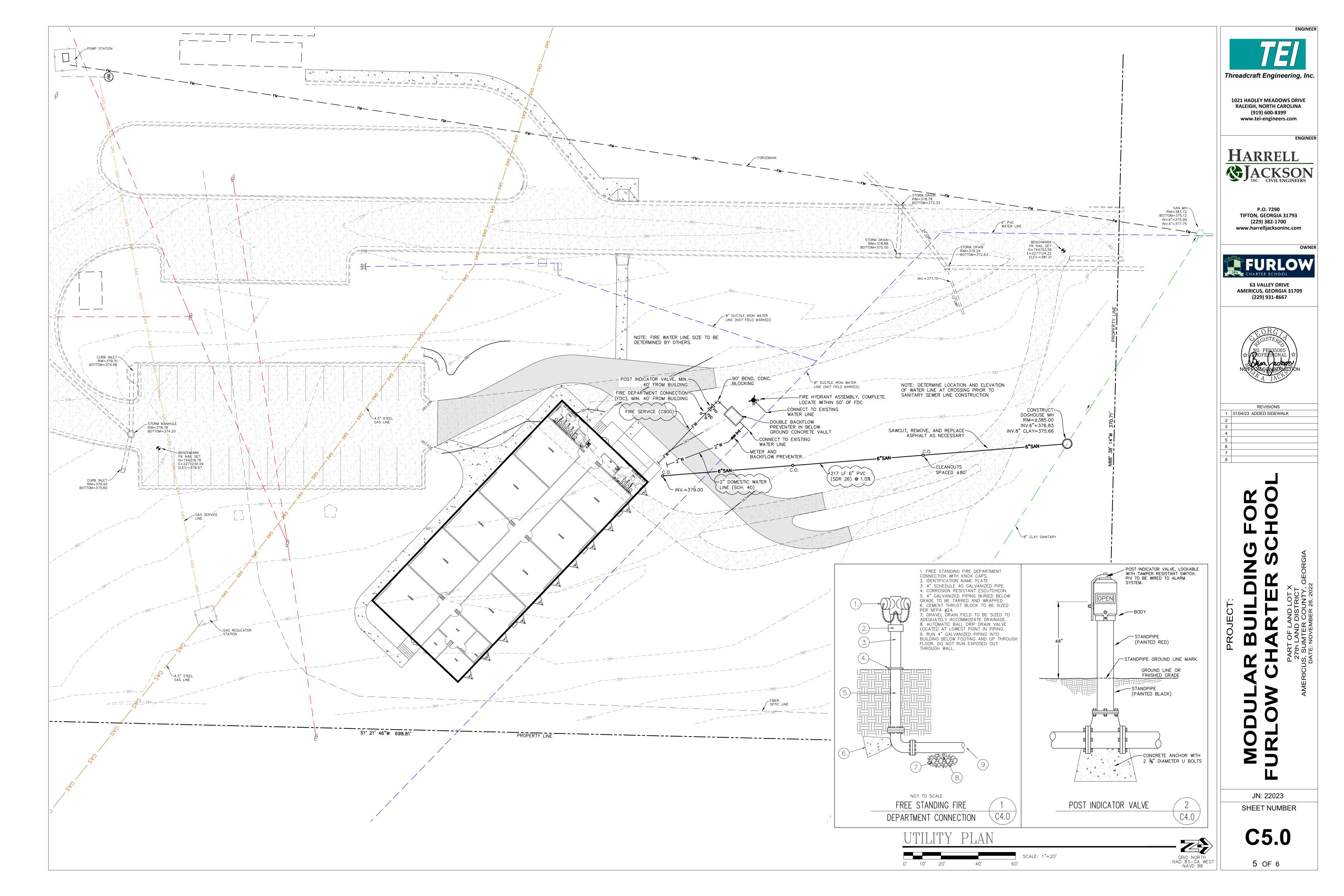
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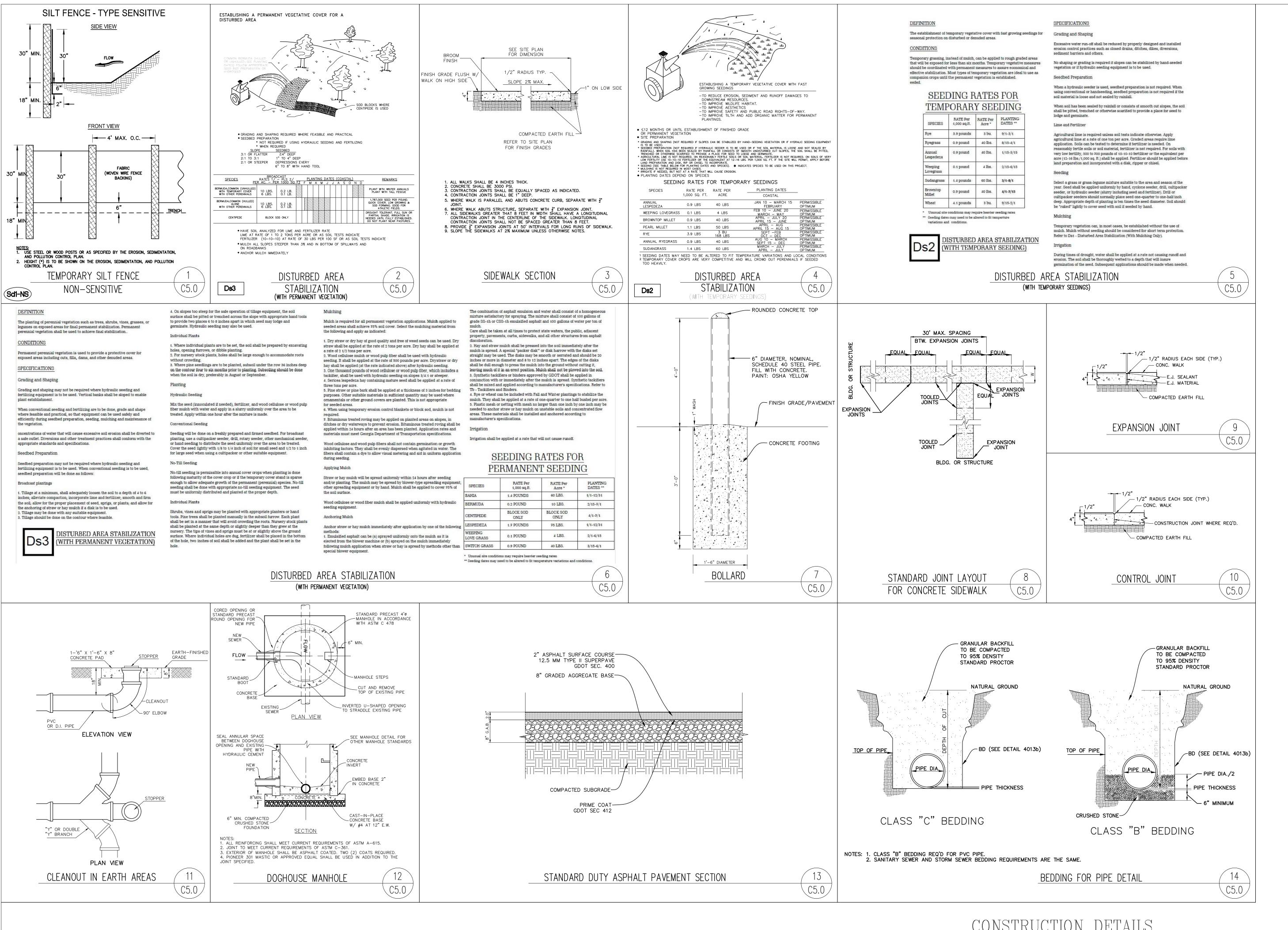
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