### SAFETY REGULATIONS

ALL EXCAVATION AND METHODS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE MARYLAND OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (MOSHA) STANDARDS AS SET FORTH IN THE LATEST VERSION OF THE CODE OF MARYLAND REGULATIONS

### CONSTRUCTION NOTIFICATION

The Contractor/Owner is to notify the County SOIL CONSERVATION DISTRICT at least 72 hours prior to construction to facilitate any scheduling, layout, or preliminary mobilization necessary to ensure proper construction inspection to enable appropriate certification of the project.

It is the Landowner's responsibility to obtain all County, State, and Federal permits that may be needed, and to maintain this structure and related regulations.

THERE WILL BE NO CHANGES IN SPECIFICATION, DIMENSIONS, OR MATERIALS UNLESS APPROVED BY THE ENGINEER RESPONSIBLE FOR THIS DRAWING. THE DRAWINGS ARE PREPARED COOPERATIVELY BY THE NATURAL RESOURCE CONSERVATION SERVICE FOR THE NAMED LANDOWNER.

CONSTRUCTION FOUND NOT IN ACCORDANCE WITH THESE DRAWINGS AND SPECIFICATIONS SHALL VIOLATE THE COOPERATIVE AGREEMENT AND ALL DRAWINGS, SPECIFICATIONS, AND QUANTITIES ESTIMATE SHALL IMMEDIATELY BE RETURNED TO THE LOCAL NRCS OFFICE.

Producers are responsible for securing grading, building, electrical, and plumbing permits to install the required facilities and for properly managing the facility.

> CRITICAL INSPECTION ITEMS - (Roofed Waste Storage Facility and/or Covered Feeding Area) 3/20/15

- 1. The landowner will arrange for a pre-construction meeting between the contractor, NRCS and landowner to review the plans, standards and specifications prior to the start of construction.
- 2. There will be no changes in specifications, dimensions, or materials unless approved by the engineer responsible for this drawing 3. The drawings are prepared cooperatively by the Natural Resources Conservation Service for named owner/operator.
- Construction found not in accordance with these drawings and specifications shall violate the cooperative agreement and all drawings, specifications, and Quantities Estimate shall immediately be returned to the local NRCS office.

4. The following is a list of items that must be inspected by the Technician-in-Charge. If cost share is involved, payment may be forfeited if the Technician-in-Charge does not inspect all Preconstruction Meeting

- Verify layouts:
- Verify all subgrades

•	venny an subgrades.	Dai
٠	Verify all subgrade materials CR-6 etc:	Dat
٠	Verify reinforcing steel grade, size and placement:	
	Footings:	Dat
	Walls and/or curbs:	Dat
	Floor:	Dat
٠	Inspect all concrete in accordance with specifications:	
	Footings:	Dat
	Walls and/or curbs:	Dat
	Full dimension wall ties:	Dat
	Floor:	Dat
٠	Proper curing of concrete:	Dat
٠	Patching wall ties, holes and honeycombing:	Dat
٠	Roof inspection in accordance with plans:	
	Posts size, material and installation:	Dat
	Preservative treatment or use code:	Dat
	Anchors or embedment installation:	Dat
	Header size, material and installation:	Dat
	Hardware size, spacing, and type:	Dat
	Knee brace (post to truss) size and material:	Dat
	Hardware size, spacing, and type:	Dat
	V broop (post to booder) size and material:	Dat

- Y brace (post to header) size and material: Hardware size, spacing, and type: Hurricane straps: Received/reviewed truss design sheet: Purlins material and installation:
- Hardware size, spacing, and type: Roofing, material and installation:
- Hardware size, spacing, and type: • Subsurface Drainage (if applicable) Trench grade: Drain tubing material:
- Stone envelope:
- Backfill placement:
- Proper outlet and rodent guard:
- Backfill placement and compaction
- Signs in Place (Made of all-weather material):
- All disturbed areas seeded and mulched:
- Other items shown on the plans:



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### AS BI

### OW

# LANDOWNER - SITE NAME 313 WASTE STORAGE FACILITY





### Know what's **below. Call** before you dig

"The Soil Conservation District makes no representation as t existence or Non-existence of any utilities at the construction Shown on these construction drawings are those utilities wh have been identified. It is the responsibility of the landowners operators and contractors to assure themselves that no haza exists or damage will occur to utilities"

MATERIALS LIST

\* For bidding purposes only

### USER

- 1. A pre-construction meeting with Contact the Soil Conservation off Phone PHONE #
- 2. A conservation technician shall ve 3. Install sediment controls by directi
- stockpiles).
- 4. Strip topsoil and safely stockpile c Excavate site to staked elevations
- 6. Excavate for footers, set forms, pl 7. Place crushed stone, set reinforce
- 8. Pour slab, footer, wall, curbs, etc.
- 9. Set post, girders, trusses, and bra
- 10. Install footer drain/stone, outlet as
- 11. Install roof gutter and outlets.
- 12. Install safety fence, rails and signs
- 13. Backfill and re-grade, establish se
- 14. Reseed all disturbed areas to esta

## **REVISED 7/1/2021**

### LOCATION MAP 200 200

Scale in Feet

USER TO INSERT SHEET LIST TABLE

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ails and signs.							Drawi	ng N	0.		
establish seedbed. areas to establish vege	tative cove	er (as per re	ecommenc	ded).			N	/ID_C	010		
				,			Sheet	1	of	7	





NOTES:

- IN ORDER FOR THE MANURE TO REMAIN STACKABLE IN THE STORAGE FACILITY, 25% BY VOLUME OF THE MANURE STORAGE FACILITY MUST BE STRAW OR WASTE HAY
- GATES MUST BE PLACED AT ALL OPENINGS OF THE STRUCTURE TO FACILITATE ANIMALS BEING CONFINED DURING INCLEMENT WEATHER OR POOR FIELD CONDITIONS.
- ANIMALS MUST BE EXCLUDED FROM THE WASTE STORAGE AREA AT ALL TIMES. THIS CAN BE ACHIEVED WITH FENCING ACROSS THE FRONT OF THE AREA.

near all telephones.

- breeze.

### Safety guidelines to follow:

- the effects that the various gases has on them.
- keep unauthorized personnel from entering the area.
- stored use signs reading Danger Manure Storage may be used.
- attached to a safely located solid object or anchor.
- entering the storage.
- stumble.

- the storage before servicing or repairing.
- contact someone and review the situation before proceeding.
- of victims, and giving specific directions to the site of the emergency.

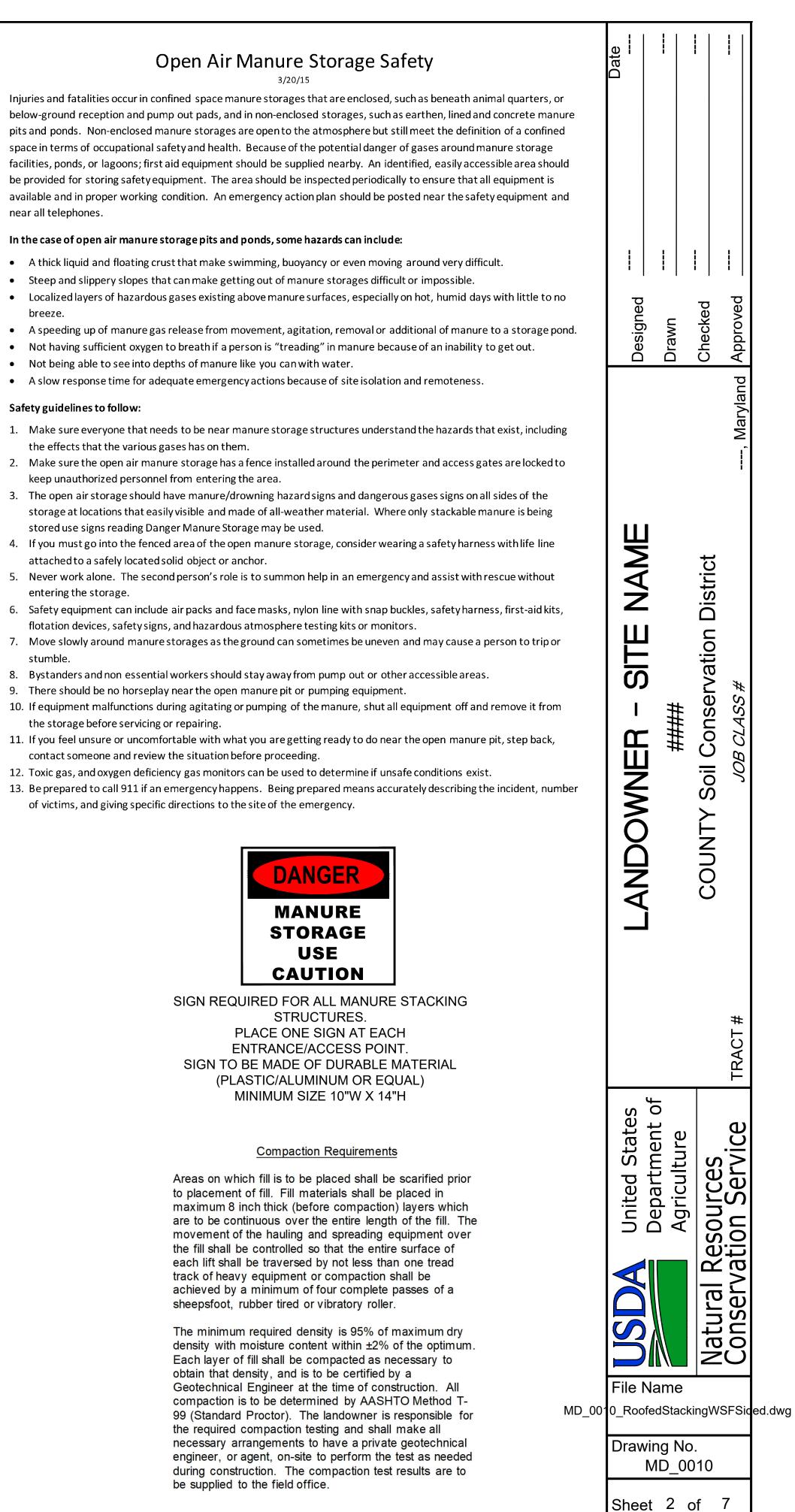
**BENCH MARK DESCRIPTIONS** 

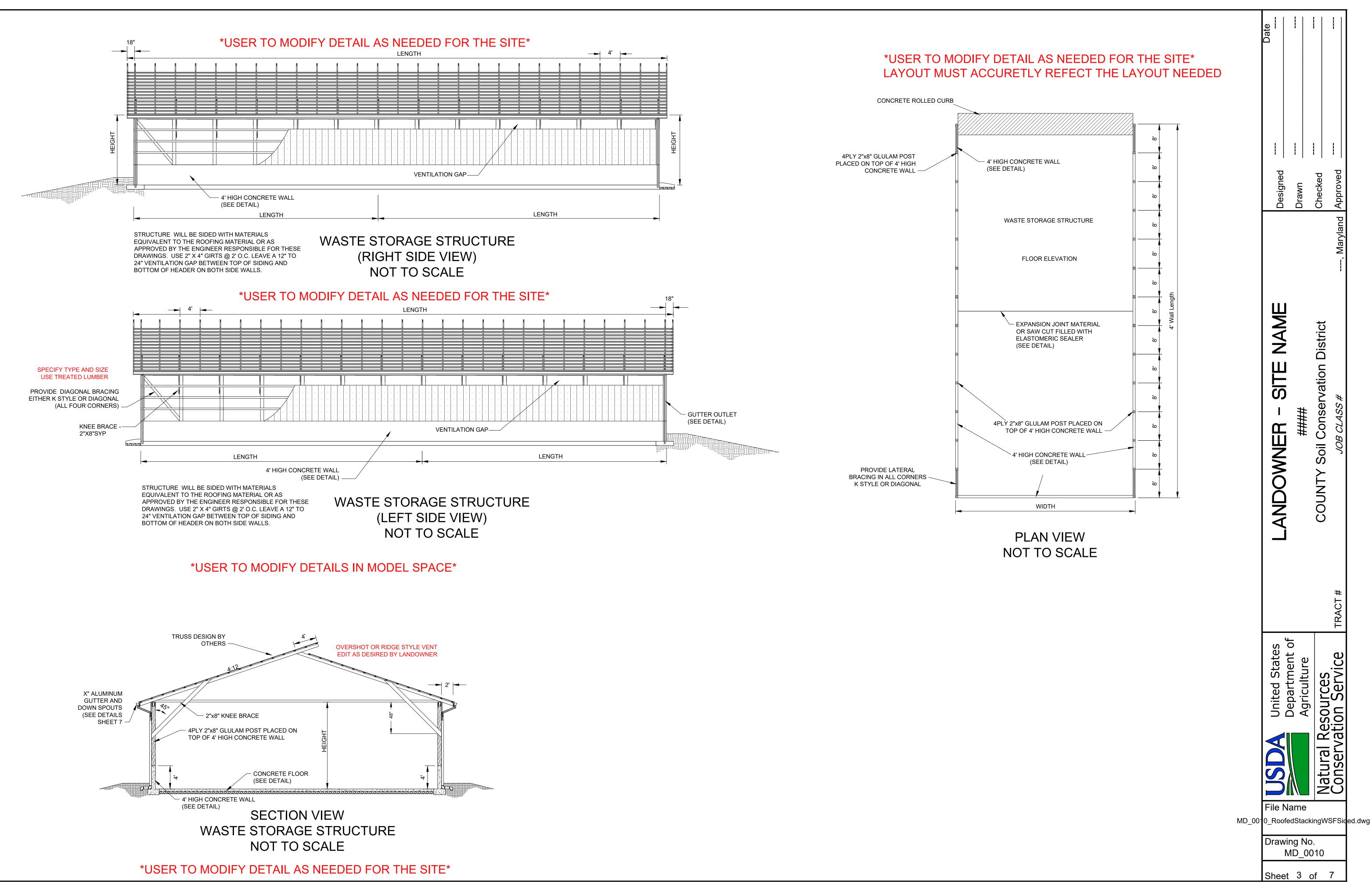
TBM #1 (IP): Elev = ???.?? Top of 1" X 2" wooden hub, marked by witness lath.

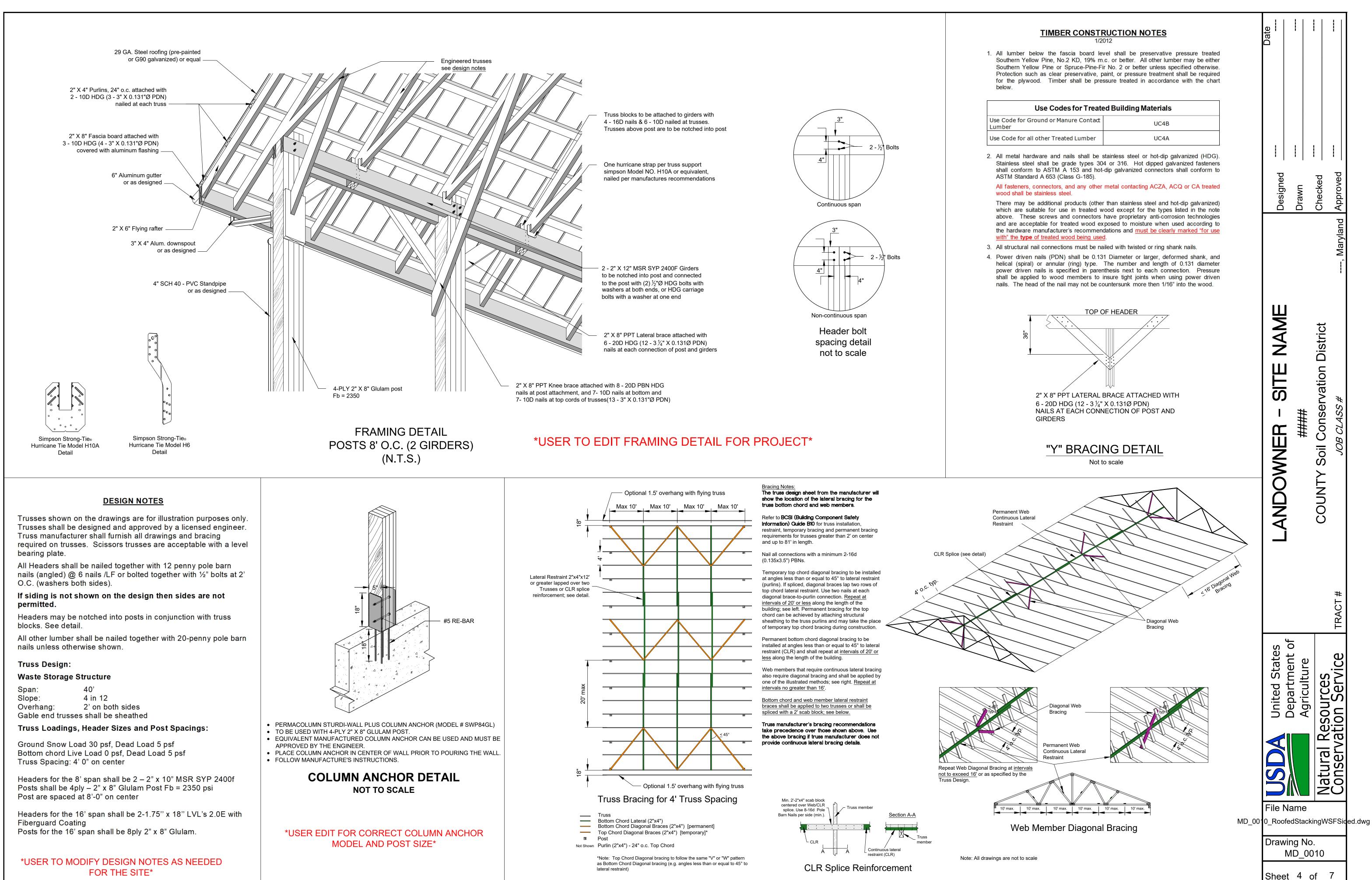
TBM #2: Elev = ???.?? Top of 1" X 2" wooden hub, marked by witness lath, near NW corner of building.

TBM #3: Elev = ???.?? Top of bolt in NW corner of concrete.

### USER TO INSERT TOPO SURVEY/PLAN MAP







### CROSS SECTION

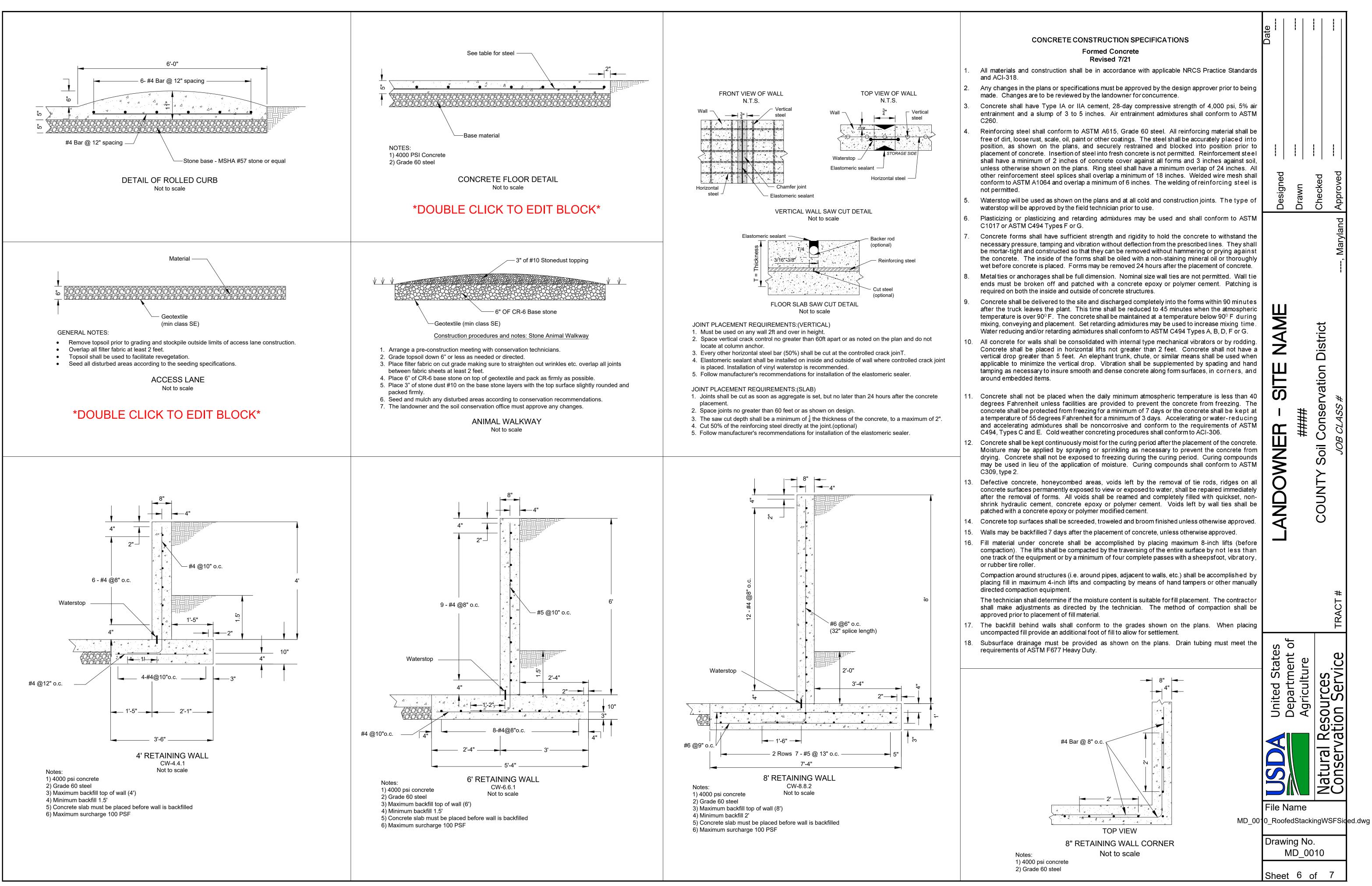
### CONSTRUCTION NOTES (ROOFED STRUCTURES)

- 1. All materials and construction shall be in accordance with applicable NRCS standards and construction specifications.
- All components of the completed system shall conform to the lines, grades, elevations, dimensions and material shown on the plans.
- 3. Any changes in the plans or specifications must be approved by the original approver prior to being made. Changes are to be reviewed by the landowner for concurrence.
- 4. All lumber shall be Southern Yellow Pine, No. 2 KD, 19% m.c., unless otherwise shown on plan.
- 5. All truss bracing shall be required as recommended by the truss fabricator.
- 6. The finished floor elevation shall be a min. 2' above normal water table.
- Roof material shall be minimum 29 gage Gavalume or Galvanized (G90 or better) steel.
- Roofing material shall be stored properly in accordance with the manufacturer's recommendations. Roofing material must be covered if stored outside to prevent premature deterioration.
- 9. When the structure is used for animal confinement, install ¼ inch thick extruded polystyrene foam insulation beneath the entire roof and between the roofing and the wood framing and install a ridge vent specifically designed for animal confinement structures. Galvalume is not permitted for animal confinement structures.
- 10. Aluminum may be substituted for the steel. The aluminum roofing needs to be properly designed for expansion and contraction and compatibility with other metals. The aluminum roofing shall have a minimum thickness of 0.018 inches, maximum length of 16 feet, sufficient overlap, stainless steel screws for fastening, slotted holes drilled, and neoprene washers used.

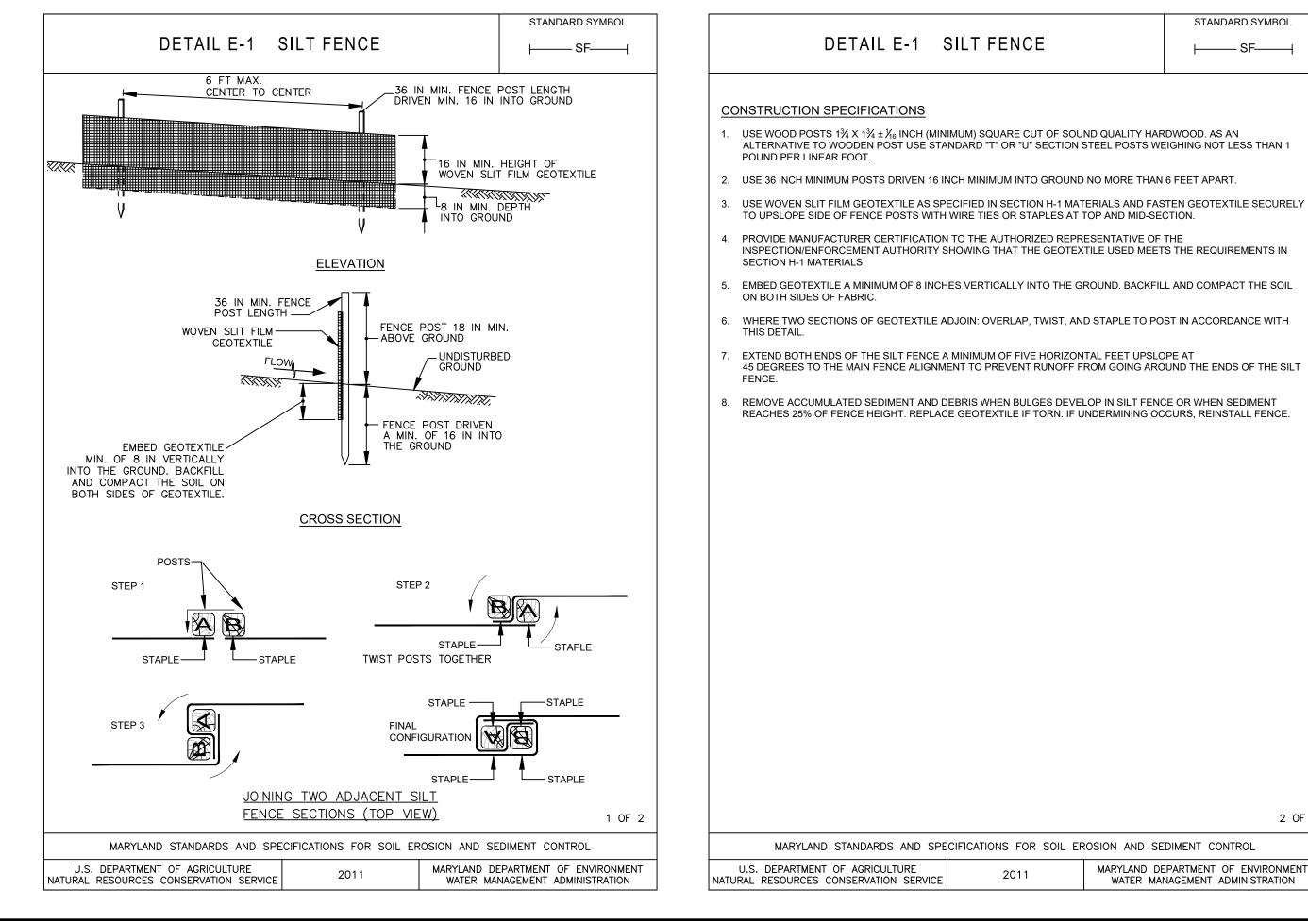
**CROSS SECTION** 

### PROFILE

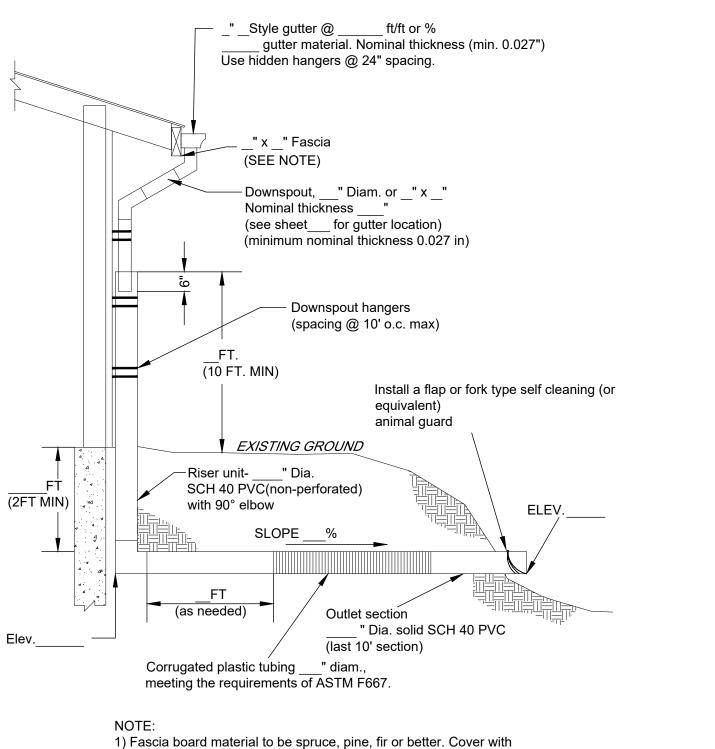
	, Maryland Approved Date Date Date
	LANDOWNER - SITE NAME #### #### COUNTY Soil Conservation District JOB CLASS#, Maryla
	TRACT #
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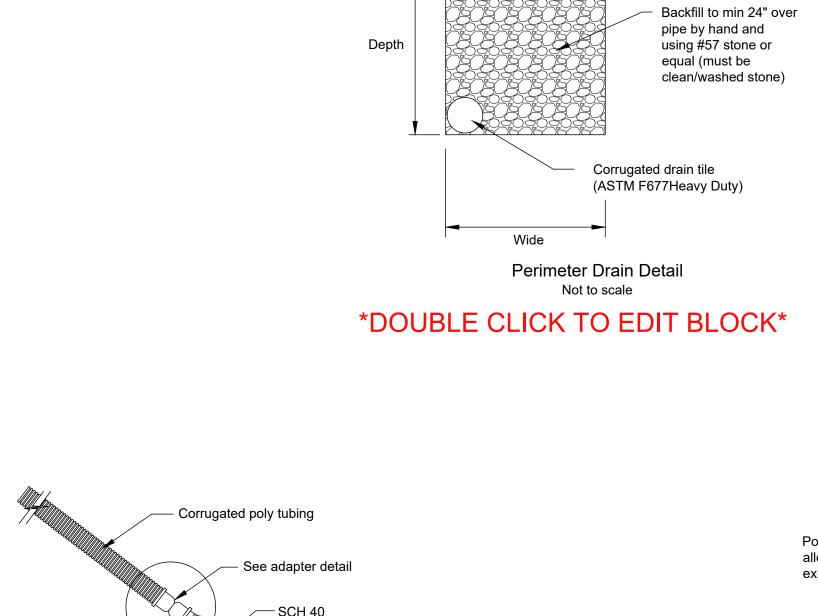
### RC



### 2) No pressure treated lumber allowed GUTTER OUTLET DETAIL Not to scale

aluminum/vinyl flashing or paint prior to installation of roof gutter.

### **\*USER TO MODIFY PER DESIGN\***



SCH 40 to S&D coupler

SCH 40

Corrugated poly coupler

MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

STANDARD SYMBOL

⊢\_\_\_\_ SF\_\_\_\_|

2 OF 2

Not to scale \*DOUBLE CLICK TO EDIT BLOCK\*

ADAPTER DETAIL

Corrugated poly

tubing

st 2. A el	ROOF GUTTER CONSTRUCTION SPECIFICATIONS Il materials and construction shall be in accordance with applicable NRCS tandards and construction specifications. Il components of the completed system shall conform to the lines, grades, levations, dimensions and materials shown on the plans.	Date 			
a co	ny changes in the plans or specifications must be approved by the original plan pprover prior to being made. Changes are to be reviewed by the landowner for oncurrence. Il disturbed areas shall be fertilized, seeded, and mulched or otherwise stabilized				
5. E: no	s required on the construction plans. xisting fascia boards that are damaged, rotten, otherwise unstable or with a ominal thickness less than 2 inches, shall be replaced. after ends that are damaged or rotted shall be repaired.				
7. A th	Il lumber used for fascia boards or for rafter end repair shall have a nominal nickness of 2 inches. Cover all fascia boards with aluminum or vinyl flashing or aint before the roof gutter is installed.				
fo 9. A	own spout outlet connections shall be the manufacturer's preformed (insert) outlets or the given size shown on the design, unless otherwise approved. Iuminum gutters and downspouts shall have a minimum thickness of 0.027 inch. alvanized steel gutters and downspouts shall have a minimum thickness of 28	Designed	Drawn	Checked	Approved
ga 11. W so	age. /here animals or equipment may come in contact with downspouts, steel pipe, chedule 40 PVC or similar material will be used for the downspout.		Ō	Ū	aryland A
aj bo	oof gutter supports shall have a maximum spacing of 24 inches unless otherwise pproved. Roof gutters shall be mounted to the fascia board using hidden hangers, olts and ferrules, gutter screws and ferrules, or cradles. Other methods must be pproved by the engineer. Spike and ferrules are not approved.				, Mary
si 14. Ti no di la or Ba pij us clo ugated dr	emized invoices from suppliers shall be provided to verify gutter and downspout ize, length, material, material gage, and hanger type. he Soil Conservation District makes no representation as to the existence or onexistence of any utilities at the construction site. Shown on these construction rawings are those utilities, which have been identified. It is the responsibility of the indowners or operators and contractors to assure themselves that no hazard exists r damage will occur to utilities. Miss Utility should be contacted at 1 800-257-7777.	LANDOWNER - SITE NAME		COUNTY Soil Conservation District	
in Deta <sup>Ile</sup> EDIT	<sup>-</sup> BLOCK*				TRACT #
	Position the rodent guard far enough in the pipe to allow it to swivel up and let the trash pass without exposing the rodent guard beyond the pipe.		Department of Anriculture		Service
	SCH 40 Pipe or equal FRONT VIEW	<b>USDA</b>			ק צ
		File N 010_Roof			VSFSic
	OUTLET DETAIL Not to scale *DOUBLE CLICK TO EDIT BLOCK*	Draw I	ing N MD_(		
		Shee	t 7	of	7

