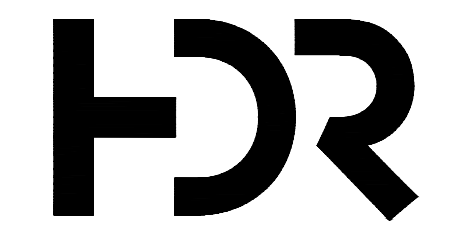
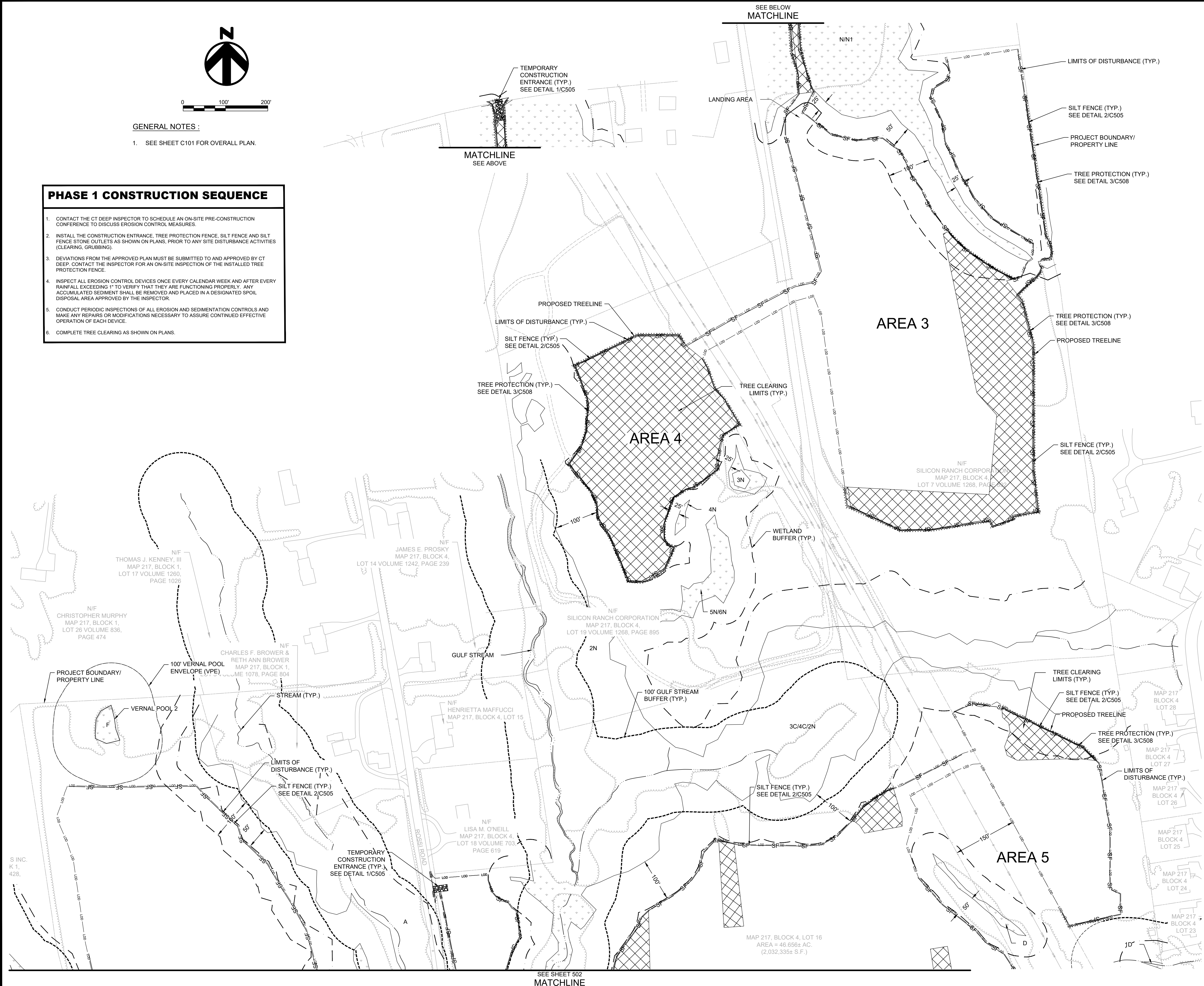


GENERAL NOTES :

1. SEE SHEET C101 FOR OVERALL PLAN.

PHASE 1 CONSTRUCTION SEQUENCE

1. CONTACT THE CT DEEP INSPECTOR TO SCHEDULE AN ON-SITE PRE-CONSTRUCTION CONFERENCE TO DISCUSS EROSION CONTROL MEASURES.
2. INSTALL THE CONSTRUCTION ENTRANCE, TREE PROTECTION FENCE, SILT FENCE AND SILT FENCE STONE OUTLETS AS SHOWN ON PLANS, PRIOR TO ANY SITE DISTURBANCE ACTIVITIES (CLEARING, GRUBBING).
3. DEVIATIONS FROM THE APPROVED PLAN MUST BE SUBMITTED TO AND APPROVED BY CT DEEP. CONTACT THE INSPECTOR FOR AN ON-SITE INSPECTION OF THE INSTALLED TREE PROTECTION FENCE.
4. INSPECT ALL EROSION CONTROL DEVICES ONCE EVERY CALENDAR WEEK AND AFTER EVERY RAINFALL EXCEEDING 1" TO VERIFY THAT THEY ARE FUNCTIONING PROPERLY. ANY ACCUMULATED SEDIMENT SHALL BE REMOVED AND PLACED IN A DESIGNATED SPOIL DISPOSAL AREA APPROVED BY THE INSPECTOR.
5. CONDUCT PERIODIC INSPECTIONS OF ALL EROSION AND SEDIMENTATION CONTROLS AND MAKE ANY REPAIRS OR MODIFICATIONS NECESSARY TO ASSURE CONTINUED EFFECTIVE OPERATION OF EACH DEVICE.
6. COMPLETE TREE CLEARING AS SHOWN ON PLANS.



**NOT FOR
CONSTRUCTION**

**LITCHFIELD
SOLAR**

2-298 ROSSI RD
TORRINGTON, CT 06790, USA
LAT: 41.794157°N
LON: 73.168028°W

LITCHFIELD, CT

REV. NO	DESCRIPTION	DATE
3	RE-ISSUED FOR PERMIT	01/04/22
2	RE-ISSUED FOR PERMIT	06/25/21
1	RE-ISSUED FOR PERMIT	01/29/21
0	ISSUED FOR PERMIT	09/30/20

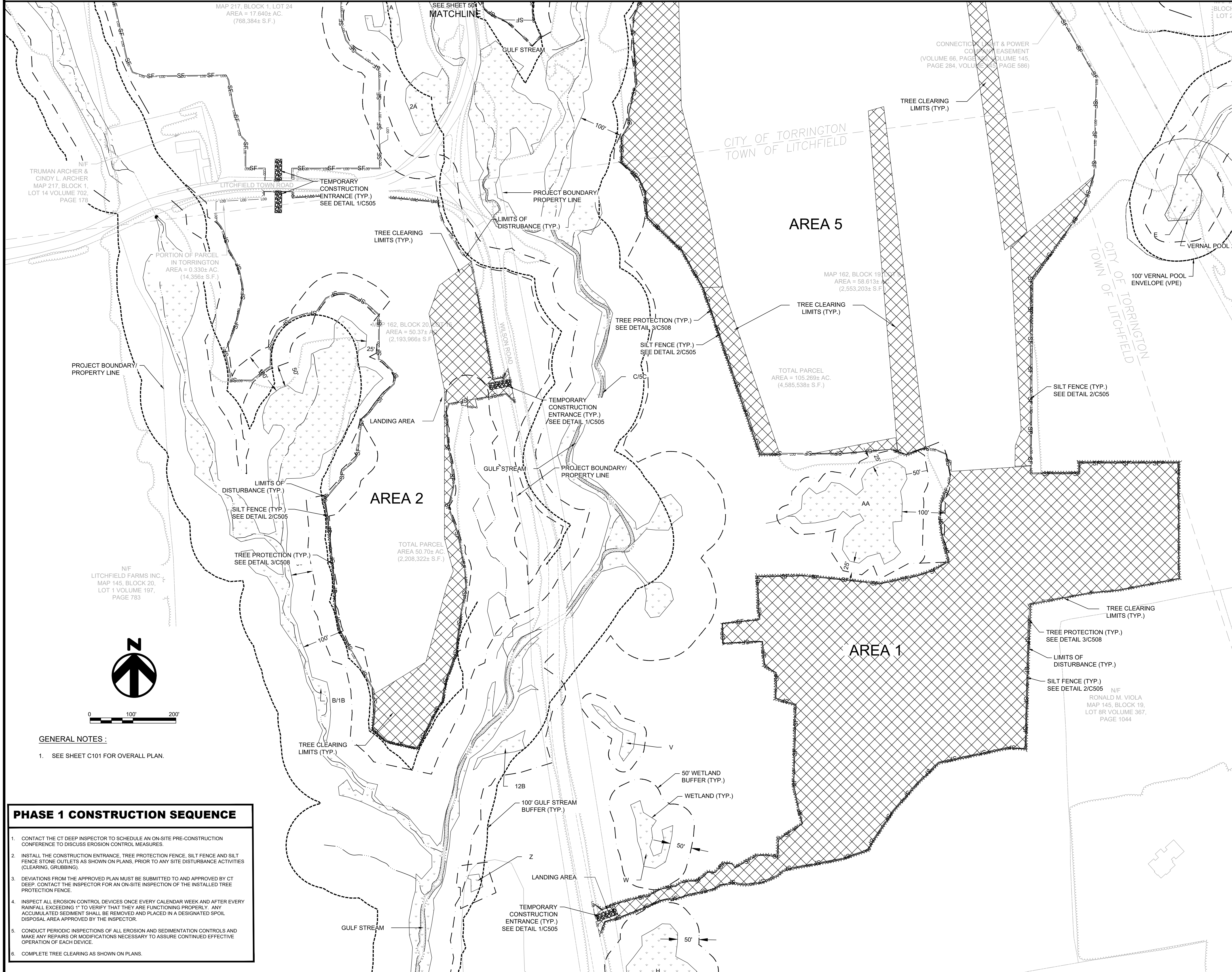
SHEET TITLE:

**TREE CLEARING PLAN
PHASE 1 - SHEET 1**

PROJ. MGR. WK	PROJ. ENGR. MB	DATE: 06/25/21
DRAWN BY: NC	CHECKED BY: CP	SCALE: 1"=100'

DRAWING NO.

C501



MAP 217, BLOCK 1, LOT 24
 AREA = 17.640± AC.
 (768,384± S.F.)

N/F
 TRUMAN ARCHER &
 CINDY L. ARCHER
 MAP 217, BLOCK 1,
 LOT 14 VOLUME 702,
 PAGE 178

PORTION OF PARCEL
 IN TORRINGTON
 AREA = 0.330± AC.
 (14,356± S.F.)

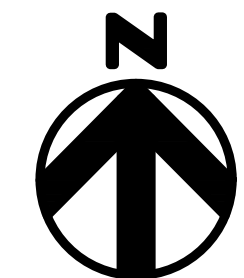
MAP 162, BLOCK 20
 AREA = 50.37± AC.
 (2,193,966± S.F.)

MAP 162, BLOCK 19
 AREA = 58.613± AC.
 (2,553,203± S.F.)

TOTAL PARCEL
 AREA = 105.269± AC.
 (4,585,538± S.F.)

TOTAL PARCEL
 AREA 50.70± AC.
 (2,208,322± S.F.)

N/F
 RONALD M. VIOLA
 MAP 145, BLOCK 19,
 LOT 8R VOLUME 367,
 PAGE 1044

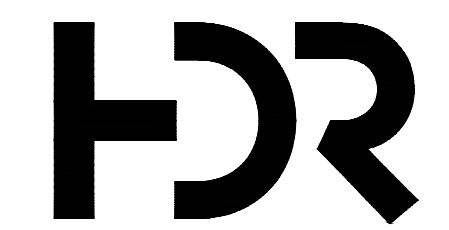


0 100' 200'

- GENERAL NOTES:**
- SEE SHEET C101 FOR OVERALL PLAN.

PHASE 1 CONSTRUCTION SEQUENCE

- CONTACT THE CT DEEP INSPECTOR TO SCHEDULE AN ON-SITE PRE-CONSTRUCTION CONFERENCE TO DISCUSS EROSION CONTROL MEASURES.
- INSTALL THE CONSTRUCTION ENTRANCE, TREE PROTECTION FENCE, SILT FENCE AND SILT FENCE STONE OUTLETS AS SHOWN ON PLANS, PRIOR TO ANY SITE DISTURBANCE ACTIVITIES (CLEARING, GRUBBING).
- DEVIATIONS FROM THE APPROVED PLAN MUST BE SUBMITTED TO AND APPROVED BY CT DEEP. CONTACT THE INSPECTOR FOR AN ON-SITE INSPECTION OF THE INSTALLED TREE PROTECTION FENCE.
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- CONDUCT PERIODIC INSPECTIONS OF ALL EROSION AND SEDIMENTATION CONTROLS AND MAKE ANY REPAIRS OR MODIFICATIONS NECESSARY TO ASSURE CONTINUED EFFECTIVE OPERATION OF EACH DEVICE.
- COMPLETE TREE CLEARING AS SHOWN ON PLANS.



**NOT FOR
 CONSTRUCTION**

**LITCHFIELD
 SOLAR**

2-298 ROSSI RD
 TORRINGTON, CT 06790, USA
 LAT: 41.794157°N
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LITCHFIELD, CT

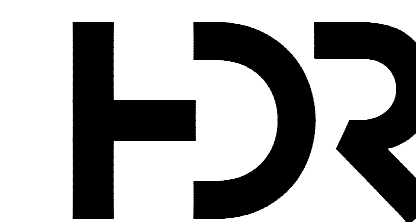
REV. NO	DESCRIPTION	DATE
3	RE-ISSUED FOR PERMIT	01/04/22
2	RE-ISSUED FOR PERMIT	06/25/21
1	RE-ISSUED FOR PERMIT	01/29/21
0	ISSUED FOR PERMIT	09/30/20

SHEET TITLE:
**TREE CLEARING PLAN
 PHASE 1 - SHEET 1**

PROJ. MGR. WK	PROJ. ENGR. MB	DATE: 06/25/21
DRAWN BY: NC	CHECKED BY: CP	SCALE: 1"=100'

DRAWING NO.

C502



NOT FOR CONSTRUCTION

LITCHFIELD SOLAR

2-298 ROSSI RD
TORRINGTON, CT 06790, USA
LAT: 41.794157°N
LON: 73.168028°W

LITCHFIELD, CT

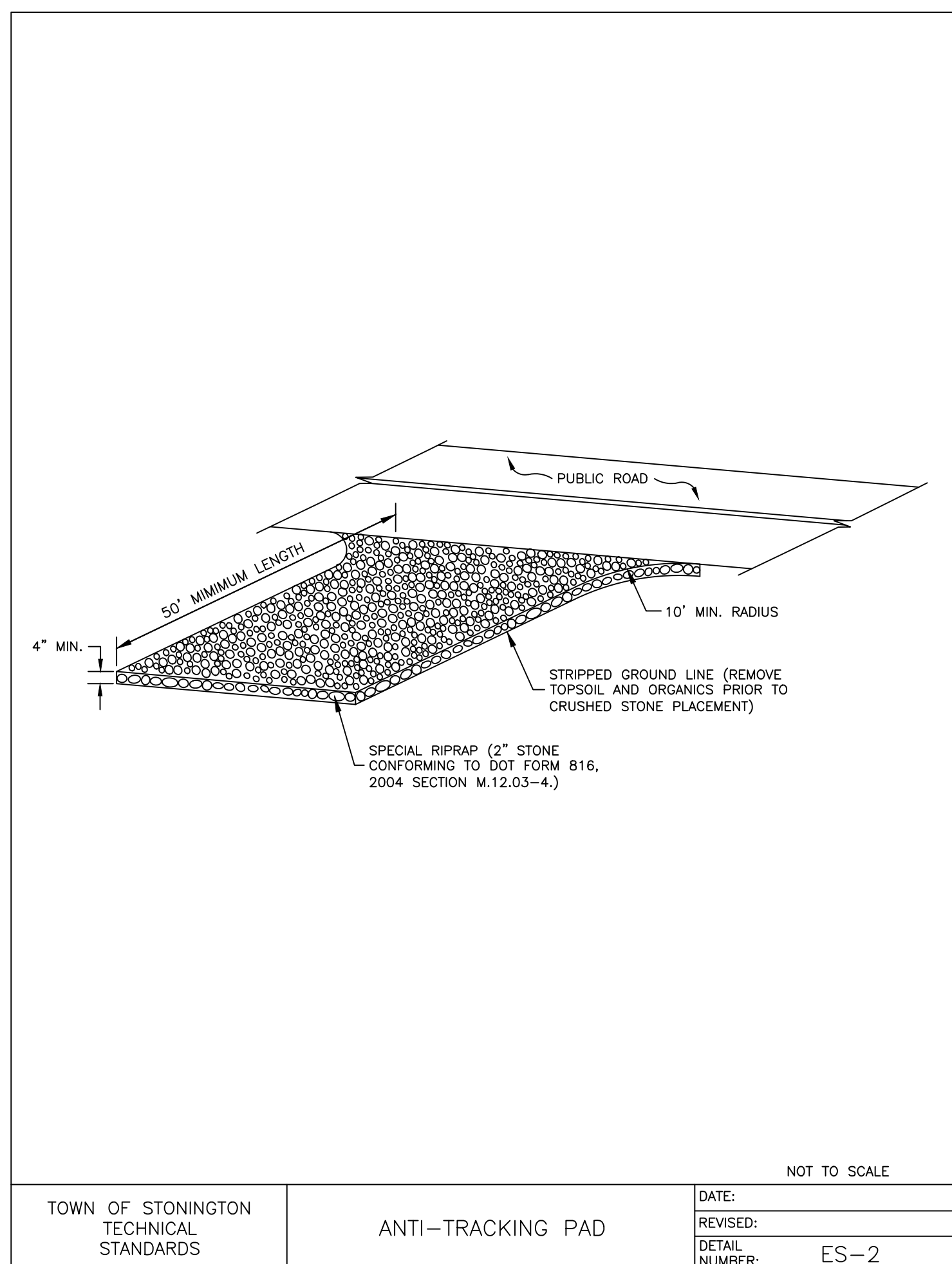
REV. NO	DESCRIPTION	DATE
2	RE-ISSUED FOR PERMIT	06/25/21
1	RE-ISSUED FOR PERMIT	01/29/21
0	ISSUED FOR PERMIT	09/30/20

EROSION AND SEDIMENT CONTROL DETAILS 1

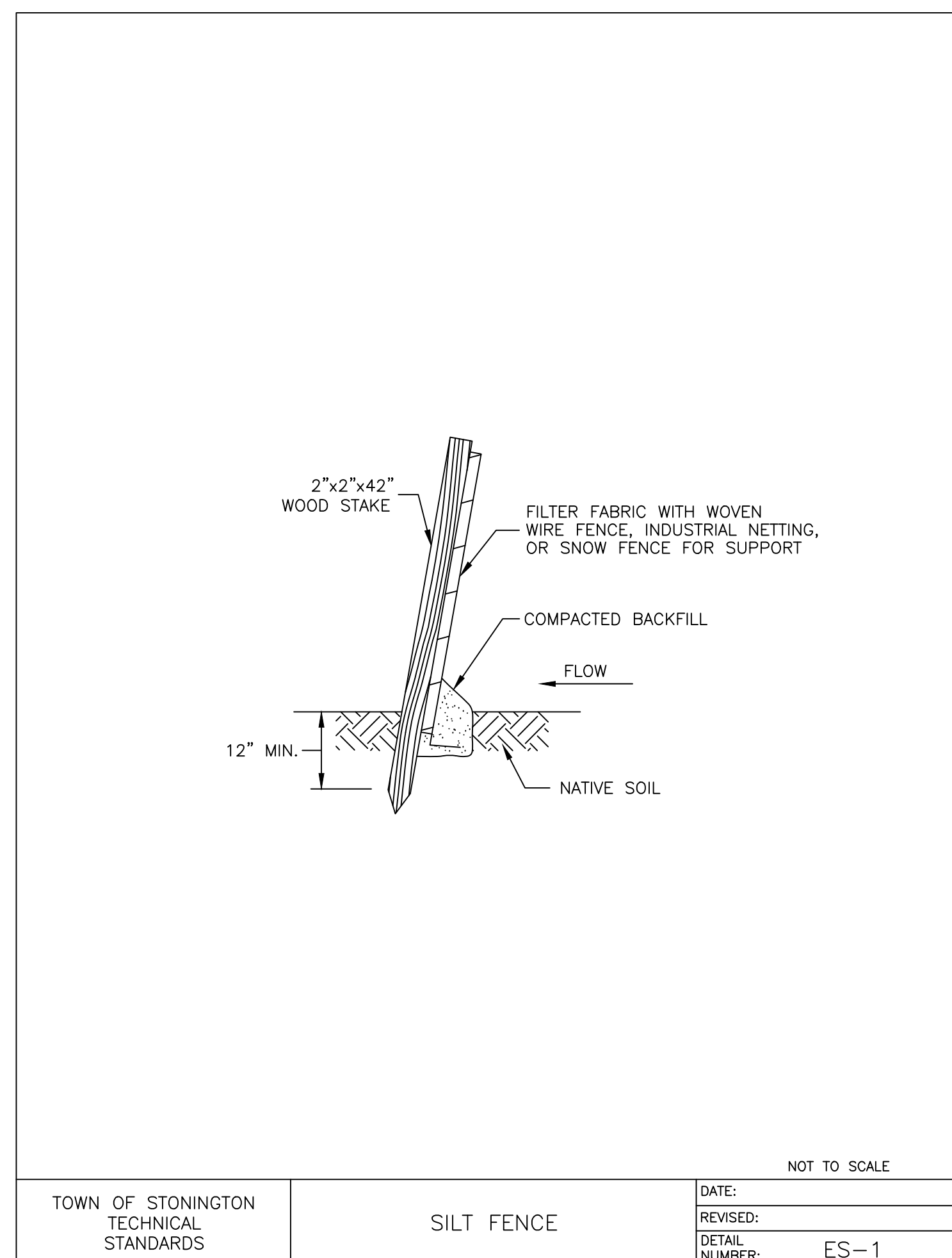
PROJ. MGR. WVK	PROJ. ENGR. MB	DATE: 06/25/21
DRAWN BY: NC	CHECKED BY: CP	SCALE: AS NOTED

DRAWING NO.

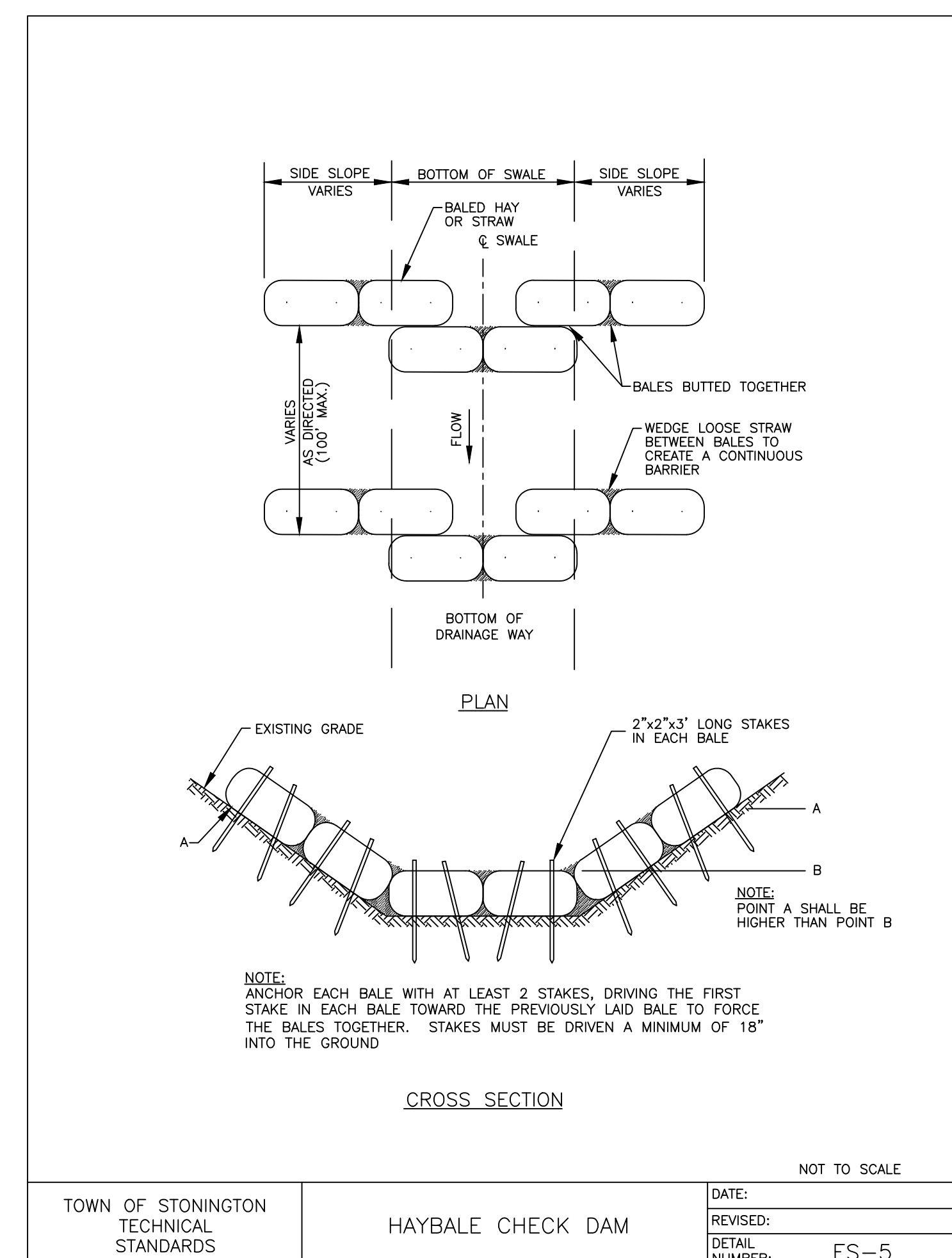
C505



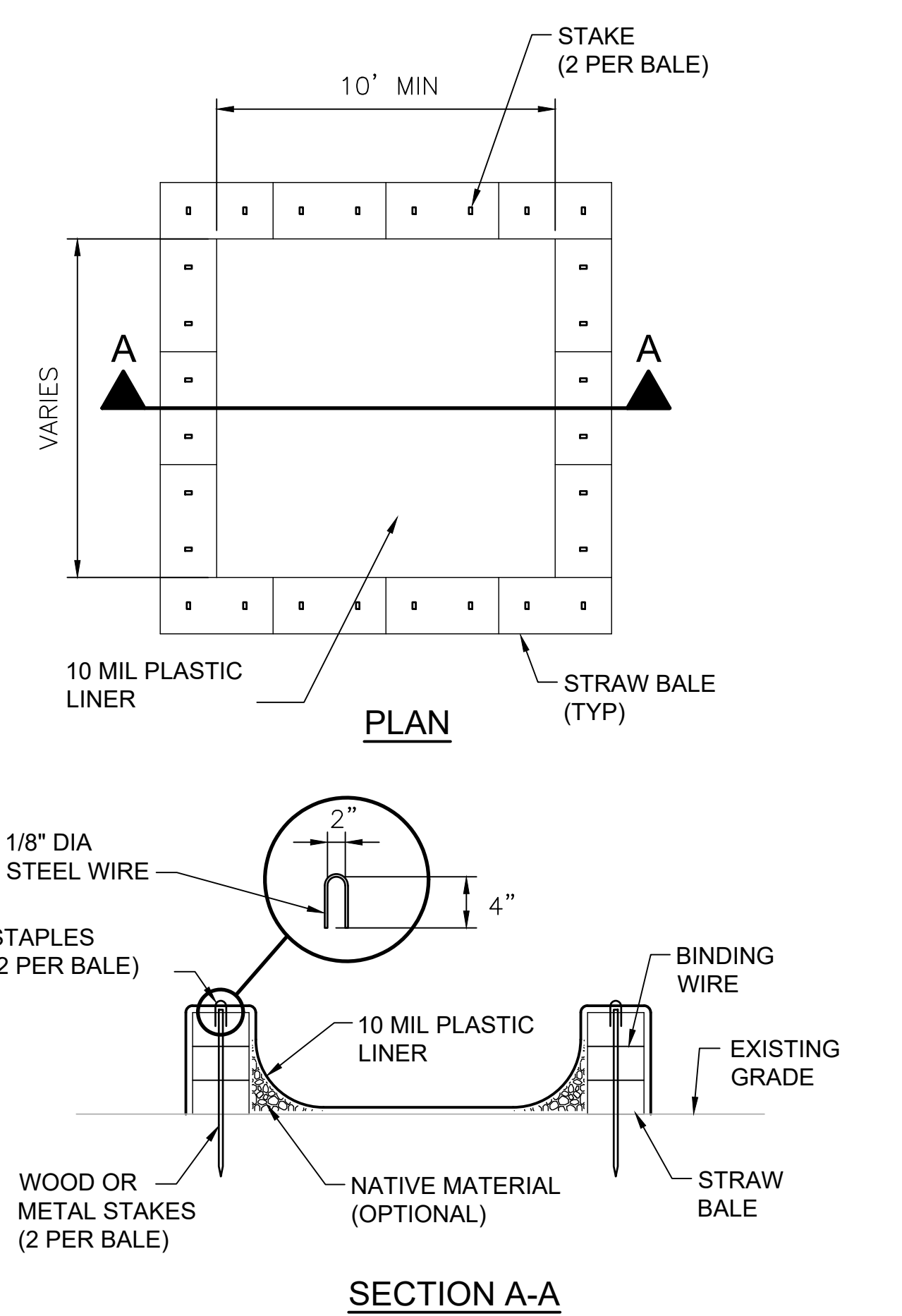
TEMPORARY CONSTRUCTION ENTRANCE 1
NOT TO SCALE



SILT FENCE 2
NOT TO SCALE

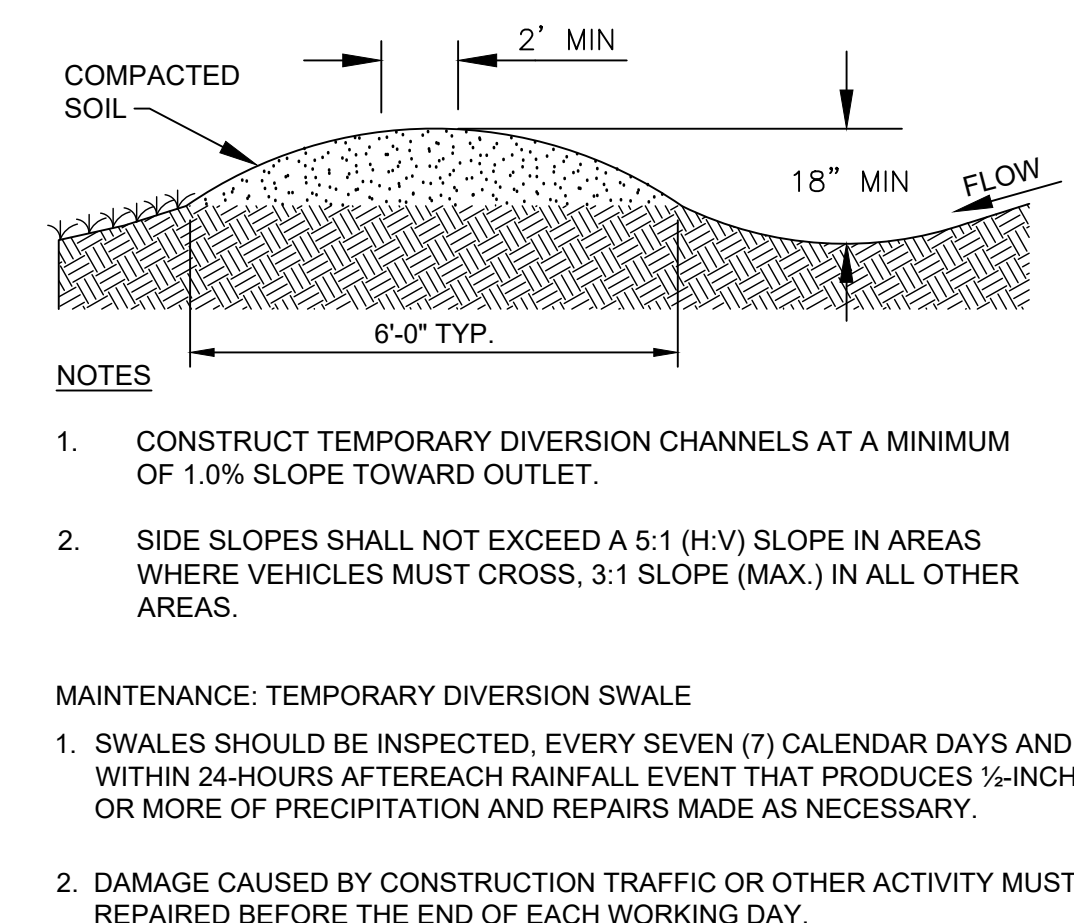


CHECK DAM 3
NOT TO SCALE

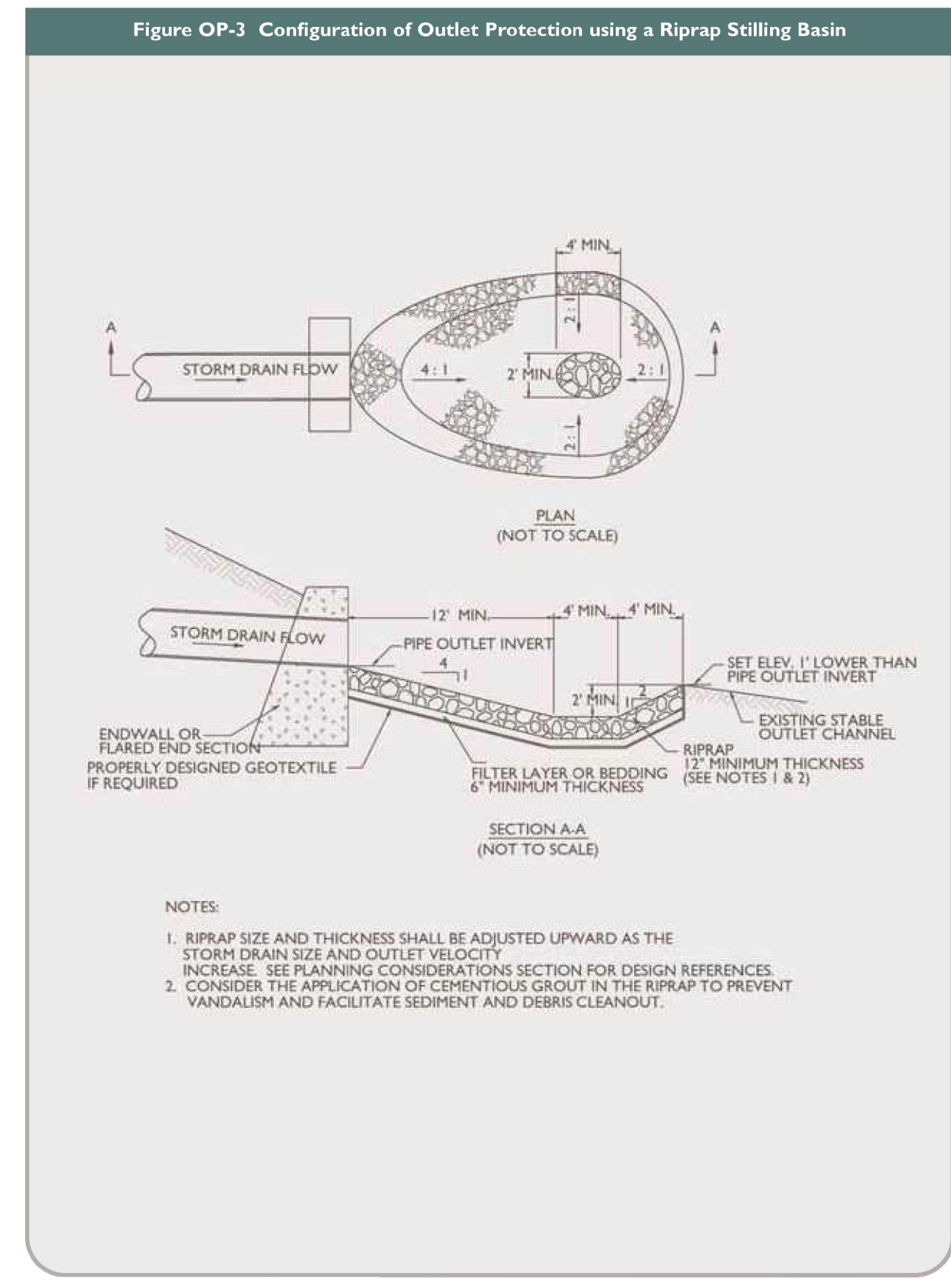


CONCRETE WASHOUT 4
NOT TO SCALE

Culvert #	Q (cfs)	D _o (ft)	TW (ft)	L _s (ft)	W (ft)	d ₅₀ (ft)
3	20.78	2	1.25	28.5	17.4	0.36
5	5.38	2	0.67	19.2	25.2	0.11
7	3.18	2.5	0.36	21.4	28.9	0.08
8/10	67.33	4	1.62	46.3	58.3	0.53
9	17.89	4	0.81	35.8	47.8	0.18
12	0.99	0.67	0.48	8.4	5.4	0.07
13	0.36	4	0.14	32.1	44.1	0.01
C2a	16.10	2	0.96	25.7	31.7	0.34
C7	16.19	2	1.17	25.7	16.3	0.28
C9	22.26	2	1.24	29.4	17.8	0.40

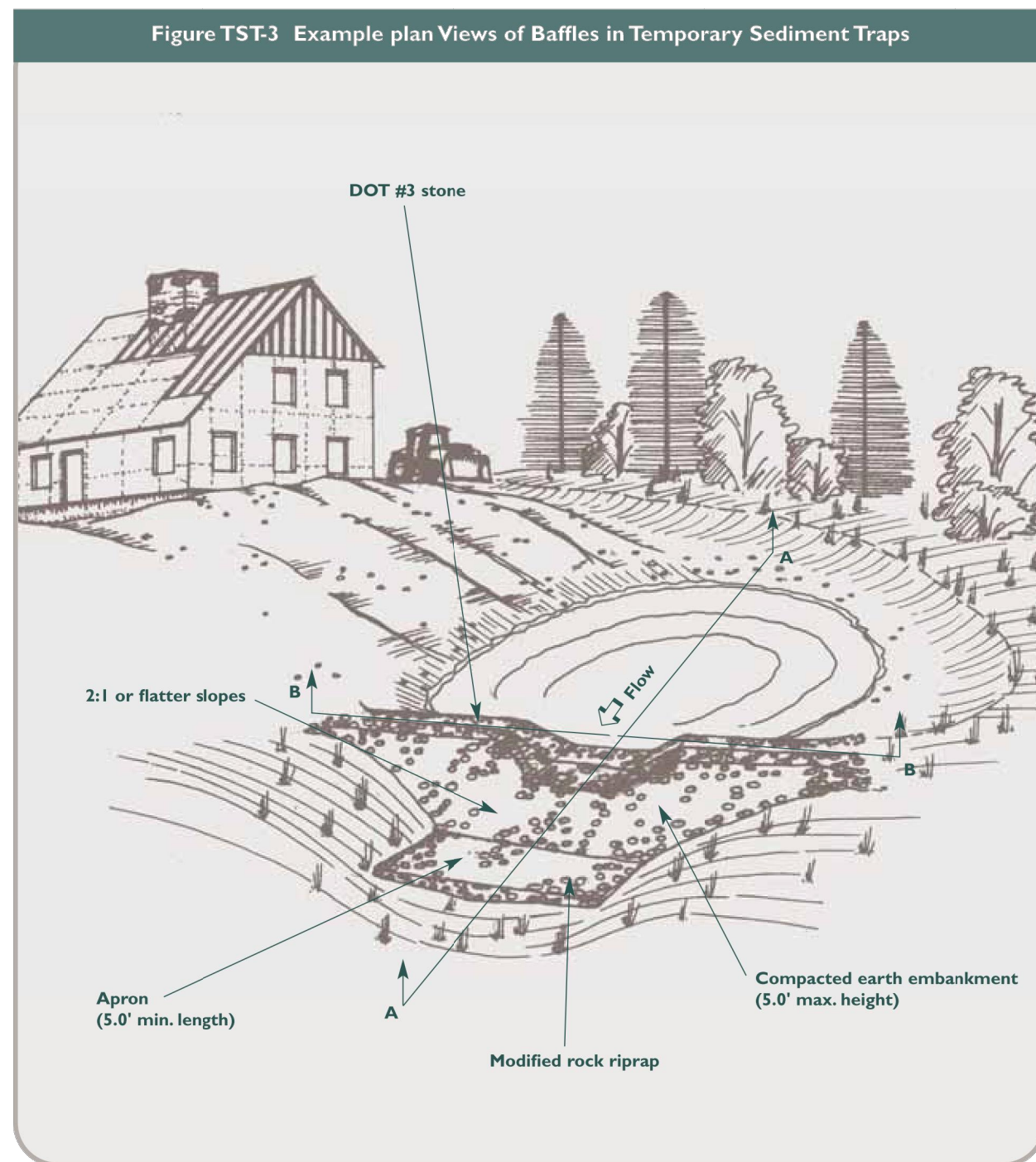
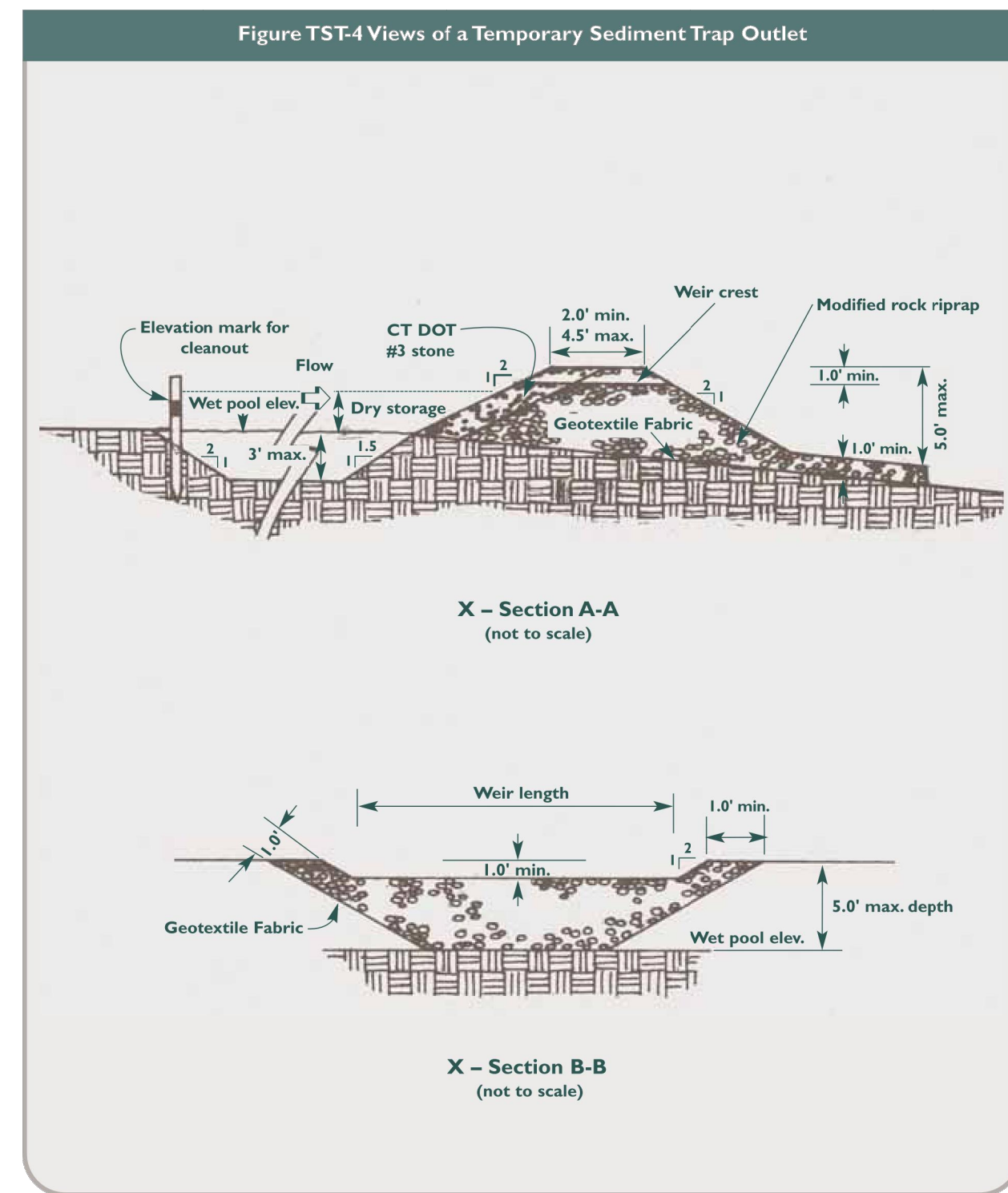
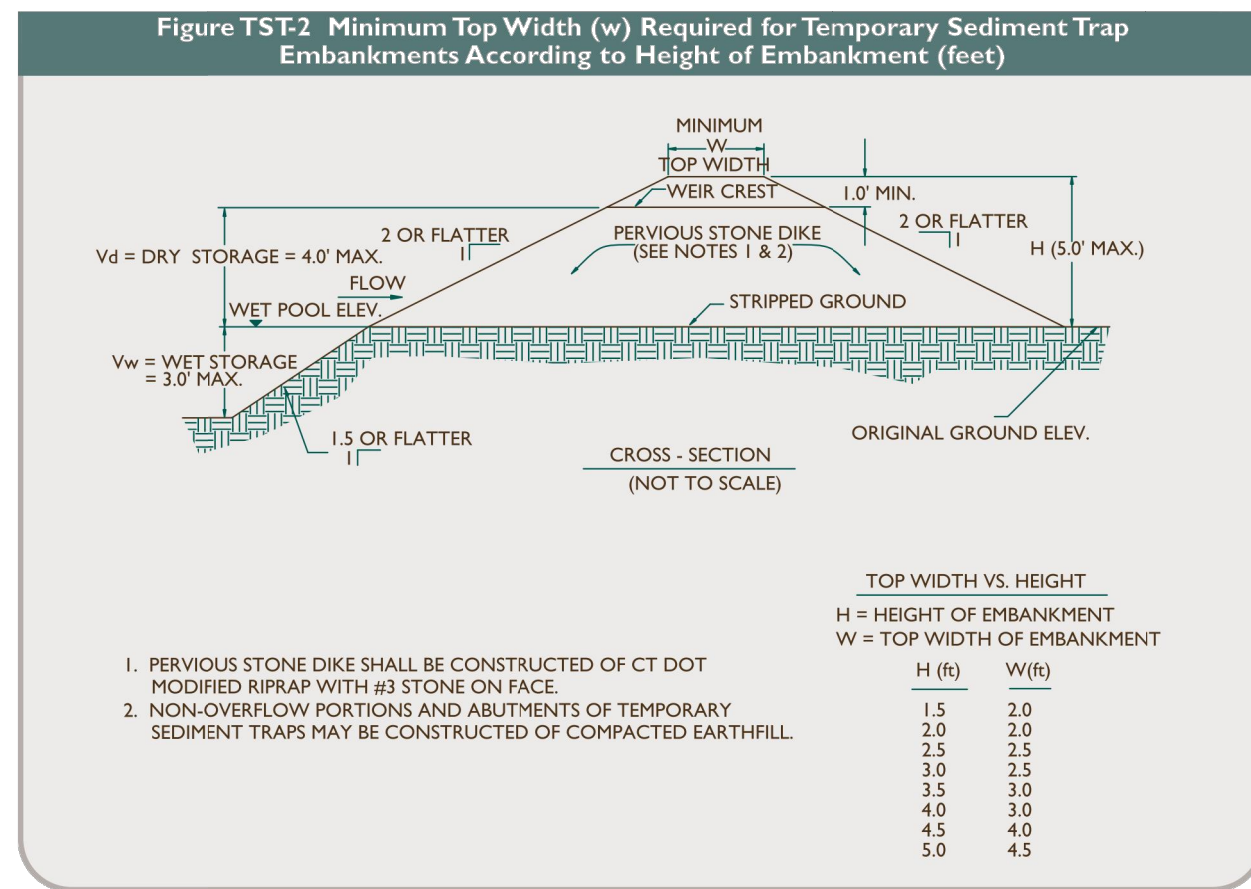


TEMPORARY DIVERSION DITCH DETAIL 5
NOT TO SCALE



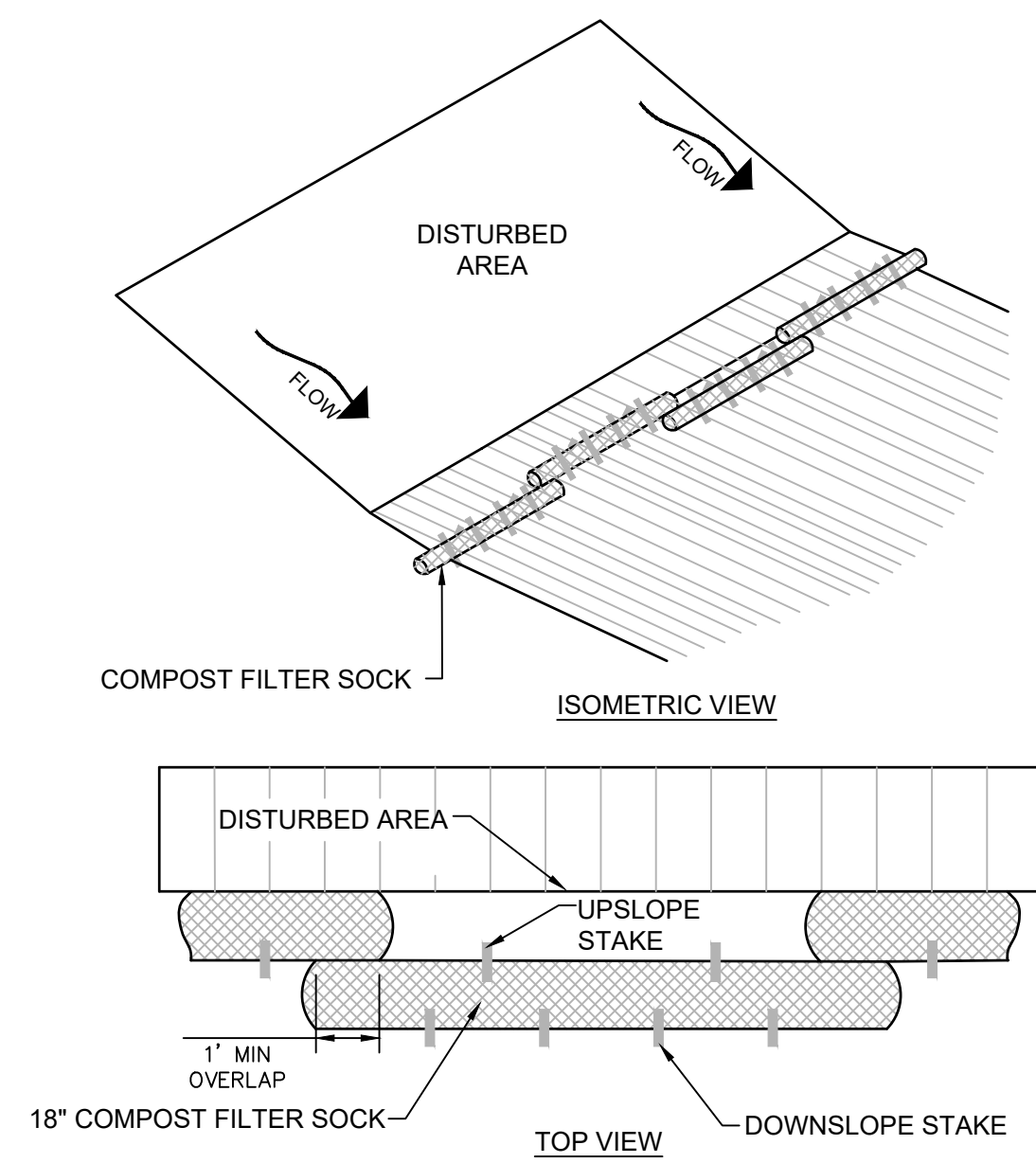
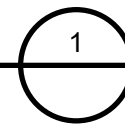
OUTFALL PROTECTION 6
NOT TO SCALE

Source: USDA-NRCS

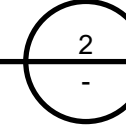


TRAP #	TOTAL DRAINAGE AREA (AC)	WET STORAGE REQUIRED (CF)	DRY STORAGE REQUIRED (CF)	BOTTOM ELEVATION (FT)	DEPTH OF WET STORAGE (FT)	DEPTH OF DRY STORAGE (FT)	TOP OF BERM ELEVATION (FT)	TOP WIDTH OF EMBANKMENT	WET STORAGE PROVIDED (SF)	DRY STORAGE PROVIDED (CF)
T-1	0.92	1,666	1,666	1125	1.7	1.3	1129	3.0	2,135	2,186
T-2a	3.85	6,972	6,972	1084	2.35	1.65	1089	4.5	7,267	7,033
T-2b	3.88	7,026	7,026	1040	2.3	1.7	1045	4.5	7,270	7,176
T-4	1.12	2,028	2,028	1111	1.7	1.3	1115	2.0	2,863	2,898
T-5	2.72	4,925	4,925	1143	1.7	1.3	1147	4.5	5,033	5,110
T-11	3.14	5,686	5,686	1189	2.3	1.7	1194	2.0	5,933	5,989
T-12	3.18	5,758	5,758	1184	2.4	1.6	1189	2.0	6,320	6,127
T-15	1.89	3,422	3,422	1202	1.75	1.25	1206	2.0	4,110	3,851

SEDIMENT TRAP
NOT TO SCALE



COMPOST FILTER SOCK
NOT TO SCALE

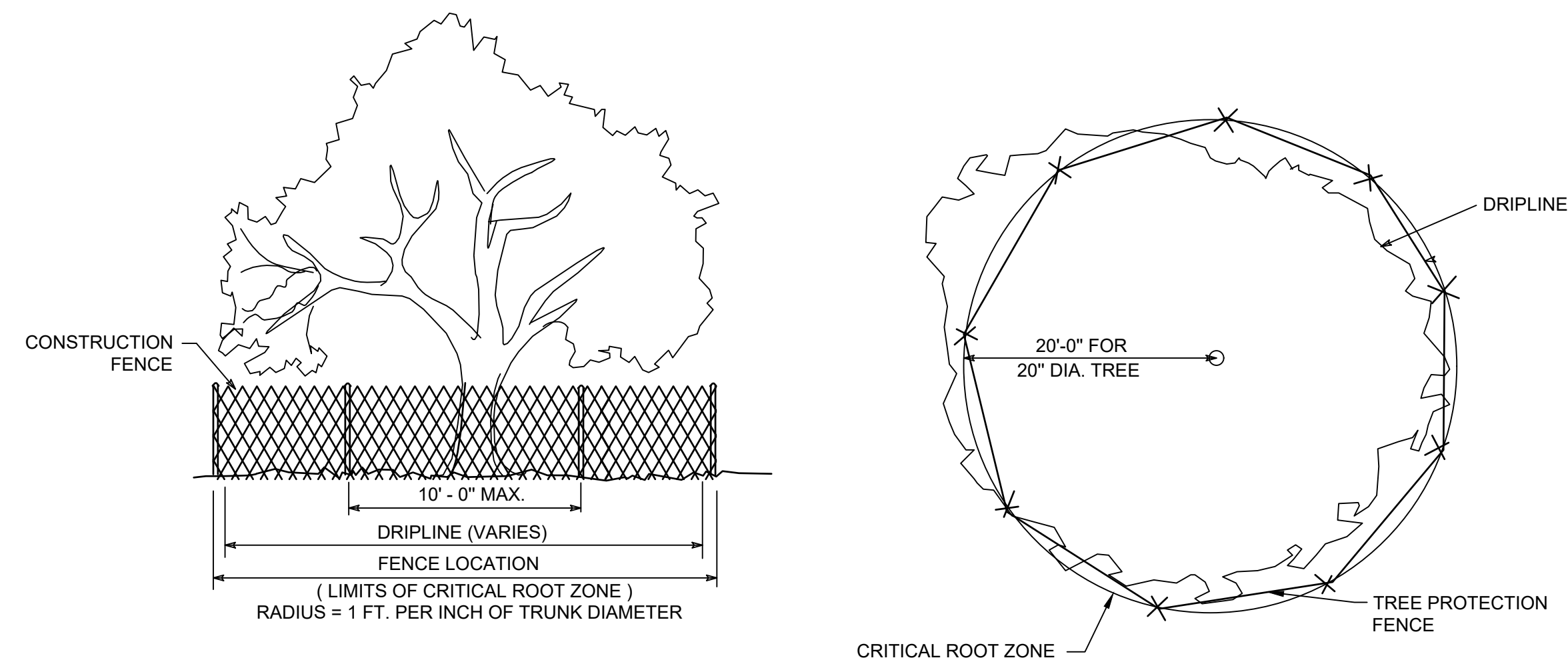
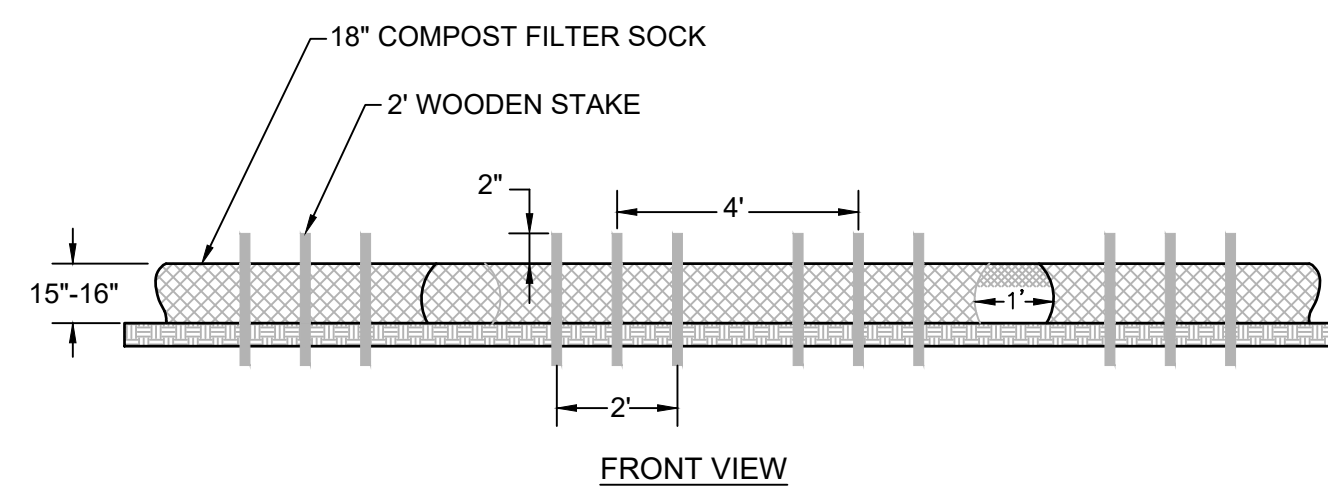


MAINTENANCE:

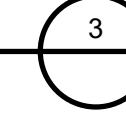
- SEDIMENT DEPOSITS SHALL BE CLEANED FROM THE WATTLES WHEN IT REACHES HALF THE HEIGHT OF THE LOG.
- DAMAGED WATTLES SHALL BE REPLACED WITHIN 24 HOURS OF INSPECTION. A SUPPLY OF WATTLES SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE.

Table 1.

Slope	Barrier Row Spacing
<2%	100 feet
2 to 5%	75 feet
5 to 10%	50 feet
10 to 33%	25 feet
33 to 50%	20 feet
>50%	Not Permitted



TREE PROTECTION DETAIL
NOT TO SCALE



NOT FOR CONSTRUCTION

LITCHFIELD SOLAR

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EROSION AND SEDIMENT CONTROL DETAILS 4

PROJ. MGR.	PROJ. ENGR.	DATE:
WVK	MB	06/25/21
DRAWN BY:	CHECKED BY:	SCALE:
NC	CP	AS NOTED

DRAWING NO.

C508