



# AGENDA

## VILLAGE OF LITTLE CHUTE PLAN COMMISSION MEETING

PLACE: Little Chute Village Hall – Village Board Room

DATE: Monday, October 9<sup>th</sup> 2023

TIME: 6:00 p.m.

**Virtually attend the October 9<sup>th</sup> Plan Commission meeting at 6 PM by following the link here:**

Join Zoom Meeting

<https://us06web.zoom.us/j/88193751891>

Meeting ID: 881 9375 1891

Dial by your location: +1 312 626 6799 US (Chicago)

A. Call to Order

B. Roll Call

C. Public Appearance for Items Not on the Agenda

1. Approval of Minutes from the Plan Commission Meeting of September 11, 2023
2. Discussion/Action – ATCAM Driveway Width
3. Discussion/Recommendation – ATCAM Site Plan
4. Discussion – Section 8 Update
5. Items for Future Agenda
6. Adjournment

Requests from persons with disabilities who need assistance to participate in this meeting or hearing should be made with as much advance notice as possible to the Clerk's Office at 108 West Main Street, (920) 423-3852 October 5, 2023

## MINUTES OF THE PLAN COMMISSION MEETING OF SEPTEMBER 11, 2023

### Call to Order

The Plan Commission meeting was called to order at 6:00 PM by President Vanden Berg

### Roll Call

PRESENT: President Vanden Berg  
Jim Moes  
Bill Van Berkel  
Larry Van Lankvelt  
Todd Verboomen  
Kent Taylor

STAFF PRESENT: Dave Kittel, Beau Bernhofs

### Public Appearance for Items Not on the Agenda

None

### Approval of Minutes from the Plan Commission Meeting of August 14, 2023

*Moved by Commissioner Taylor, seconded by Commissioner Van Lankvelt to approve the Plan Commission Meeting Minutes of August 14, 2023.*

All Ayes – Motion Carried

### Discussion/Recommendation – Extraterritorial Review Final Plat for Oak Creek

Director Kittel presented the final Extraterritorial Review for Final Plat Approval of Oak Creek. Staff have reviewed and recommend the Plan Commission send approval to the Village Board as submitted.

*Moved by Commissioner Moes, seconded by Commissioner Van Berkel to recommend the Village Board Approve the plat,*

All Ayes – Motion Carried

### Discussion/Action – Gravel Parking Lot and Dumpster 215 Allegiance Ct

Director Kittel presented a request for approval of a gravel area on Allegiance Ct. The gravel parking lot proposed is allowed within Village Ordinances with approval by the Plan Commission. Staff have reviewed and recommend approval. The lot will be reviewed and meet all storm water requirements.

*Moved by Commissioner Moes, seconded by Commissioner Van Lankvelt to approve the request as submitted.*

All Ayes – Motion Carried

### Items for Future Agenda

### Adjournment

*Moved by Commissioner Van Lankvelt seconded by Commissioner Van Berkel to Adjourn Plan Commission Meeting at 6:08 PM*

All Ayes – Motion Carried

## VILLAGE OF LITTLE CHUTE

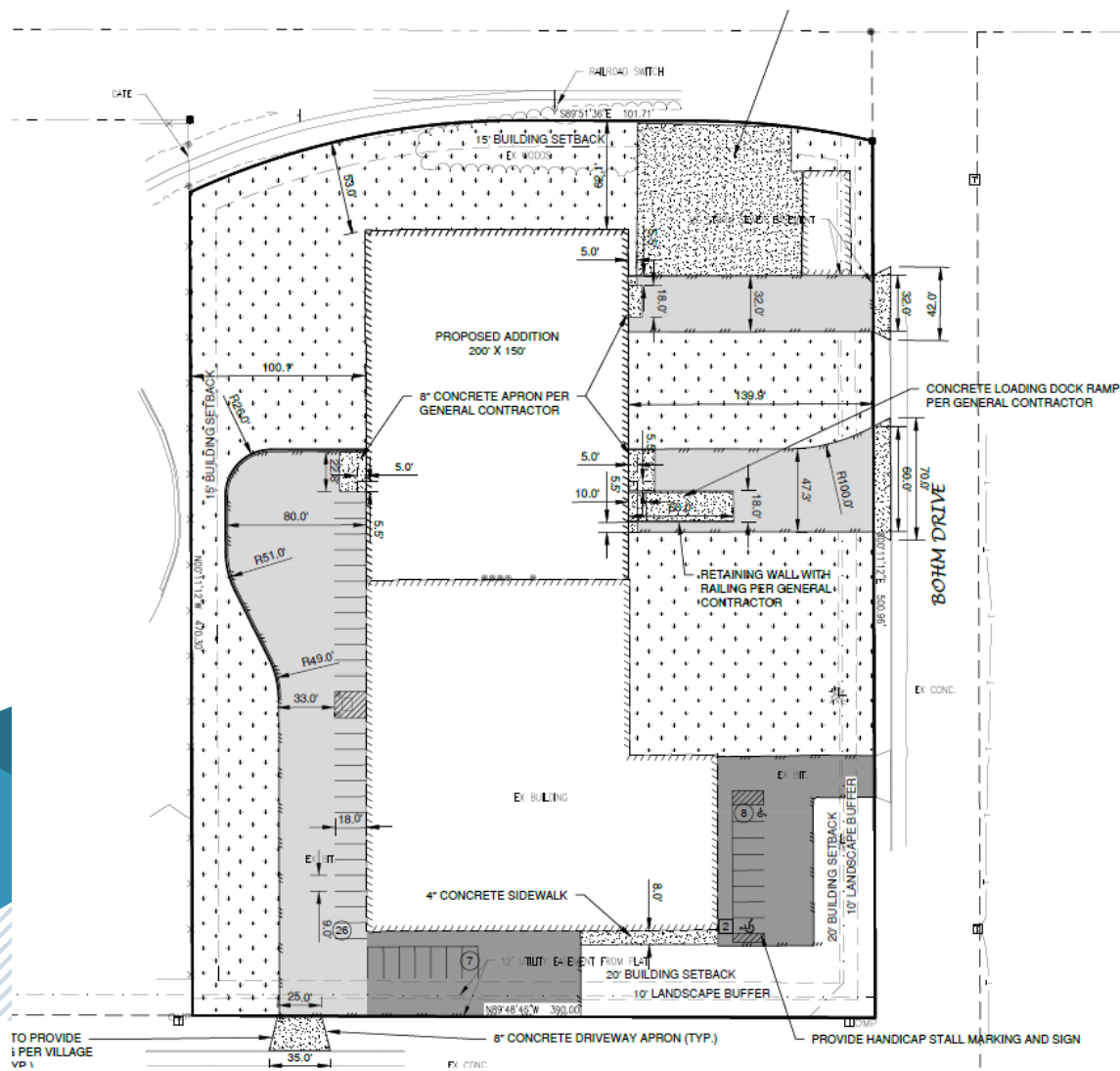
By: \_\_\_\_\_  
Michael Vanden Berg, Village President

Attest: \_\_\_\_\_  
Laurie Decker, Village Clerk



Prepared On: 10/5/2023  
Prepared By: Dave Kittel CDD

A request for an additional driveway at 1850 E Elm Dr has recently come in. Per Sec. 40-124 (b)(4) "The number of driveways to serve an individual commercial, industrial, or multi-family property fronting on a street shall be determined by the plan commission through site plan review". The Driveway is far enough away from any other intersections and driveways to not cause any traffic concerns. As part of this overall project one existing driveway on Bohm Dr for this parcel will be removed one 60-foot (70 ft with flares) driveway opening added and one existing driveway on Bohm to be reconstructed at 32 feet (42 ft with flares). Below is a layout of the proposed driveways:





## **Item For Consideration**

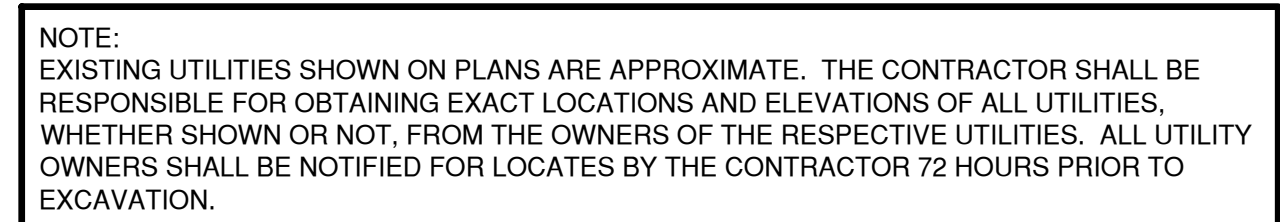
Fiscal Impact: None

Recommendation/Board Action: This Item is up for discussion and Action of the Plan Commission

Respectfully Submitted,

Dave Kittel, Community Development Director

**ATTENTION!**  
DOWNLOADED PLANS ARE NOT SCALEABLE, NEITHER THE  
OWNER OR THE ENGINEER SHALL BE HELD RESPONSIBLE  
FOR THE SCALE OR PRINT QUALITY OF DOWNLOADED PLANS.  
ONLY PRINTED PLANS FROM BLUE PRINT SERVICE CO., INC.  
SHALL BE CONSIDERED TO BE SCALEABLE PLANS.



NOTE:  
ALL EROSION CONTROL MEASURES SHALL  
BE IN PLACE PRIOR TO CONSTRUCTION  
AND SHALL CONFORM TO THE WISCONSIN  
DEPARTMENT OF NATURAL RESOURCES  
CONSTRUCTION SITE EROSION CONTROL  
AND TECHNICAL STANDARDS.

SHT. NO.	DESCRIPTION
C	LOCATION MAPS AND INDEX TO DRAWINGS
1	EXISTING SITE CONDITIONS AND DEMO PLAN
2	SITE PLAN
3	UTILITY PLAN
4	GRADING AND EROSION CONTROL PLAN
5	MISCELLANEOUS DETAILS
6	MISCELLANEOUS DETAILS
7	EROSION CONTROL - INLET PROTECTION TYPES A, B, C AND D
8	EROSION CONTROL - INLET PROTECTION TYPE D-HR AND TYPE D-M
9	EROSION CONTROL - DITCH CHECK DETAILS
10	EROSION CONTROL - SHEET FLOW DETAILS
11	EROSION CONTROL - TRACKOUT CONTROL PRACTICES
12	EROSION CONTROL - EROSION MAT SLOPE APPLICATION DETAILS
13	EROSION CONTROL - EROSION MAT CHANNEL APPLICATION DETAILS



VICINITY MAP

[illegible]



BENCHMARK			BENCHMARK ESTABLISHED BY: ROBERT E. LEE & ASSOCIATES, INC.
FIELD VERIFY BENCHMARKS FOR ACCURACY.			
NO.	DESCRIPTION	EL.	
51	BURY TAG ON HYDRANT	719.30	
52	BURY TAG ON HYDRANT	717.28	
53	"X" NW CORNER OF TRANSFORMER PAD	718.24	
54	BURY TAG ON HYDRANT	717.40	
55	TOP OF BOLT NORTHERN MOST BOLT ON 4 SOUTHWEST SIDE	716.41	

OWNER INFORMATION:

ATCAM  
1850 E. ELM DRIVE  
LITTLE CHUTE WI 54140  
  
(920) 766-7880  
  
CONTACT: NATE ANDRES

CONTRACTOR INFORMATION:

BAYLAND BUILDINGS, INC.  
P.O. BOX 13571  
GREEN BAY, WI 54313  
  
920-498-9300  
  
CONTACT: DAVID O'BRIEN

DEMOLITION NOTES

- EXISTING ASPHALT AND BASE COURSE MAY BE PULVERIZED AND STOCKPILED ON SITE FOR FUTURE USE.
- EXISTING GAS, ELECTRIC, CABLE TELEVISION AND TELEPHONE TO BE REMOVED AND/OR RELOCATED BY OTHERS. WORK SHALL BE COORDINATED BY GENERAL CONTRACTOR.
- ALL MISCELLANEOUS STRUCTURES SHALL BE REMOVED.
- DRIVEWAY OPENINGS SHALL BE REMOVED AND CURB OPENINGS SHALL BE CLOSED IN ACCORDANCE WITH STANDARD DETAIL "CURB REMOVAL", SEE DETAIL SHEETS.

LEGEND

FIRE HYDRANT

WATER VALVE/CURB STOP

WATER MANHOLE

REDUCER/INCRASER

SANITARY MANHOLE

BUILDING DOWNSPOUT

STORM MANHOLE

OPEN STORM MANHOLE

STORM INLET

STORM INLET MANHOLE

TANK COVER

SOIL BORING

POST

IRON PIPE/ROD

PK NAIL

POWER POLE

POWER POLE W/GUY WIRE

LIGHT POLE

TRAFFIC SIGNAL POLE

ELECTRIC MANHOLE

ELECTRIC METER

TELEPHONE MANHOLE

TELEPHONE PEDESTAL

CABLE TV MANHOLE

CABLE TV PEDESTAL

GAS VALVE

GAS METER

MAILBOX

SIGN

BOLLARD

DECIDUOUS TREE

CONIFEROUS TREE

BUSH

RIP RAP

CULVERT

WETLANDS

HANDICAP PARKING

TO BE DEMOLISHED

TO BE MILLED

SANITARY SEWER (SIZE NOTED)

FORCE MAIN (SIZE NOTED)

STORM SEWER (SIZE NOTED)

WATERMAIN (SIZE NOTED)

GAS LINE

OVERHEAD TELEPHONE LINE

UNDERGROUND TELEPHONE LINE

OVERHEAD ELECTRIC LINE

UNDERGROUND ELECTRIC LINE

OVERHEAD CABLE TV LINE

CABLE TV LINE

FIBER OPTIC LINE

R/W LINE

PROPERTY LINE

EASEMENT LINE

BUILDING SETBACK LINE

SECTION LINE

EDGE OF ASPHALT

EDGE OF GRAVEL

CURB & GUTTER

TREE/BRUSH LINE

CONTOUR LINE

RETAINING WALL

GUARD RAIL

FENCE

Curve Table							
Curve #	Delta	Radius	Length	Chord Direction	Chord Length	Tangent Bearing	Second Tangent Bearing
C1	24°56'26"	444.28'	193.39'	N77°40'13"E	191.87'	S89°51'34"E	N65° 12' 00"E
C2	12°33'42"	463.34'	101.58'	S83°34'45"E	101.38'	S77°17'54"E	S89° 51' 36"E

UTILITY INFORMATION:

UTILITIES PRESENT:  
VILLAGE OF LITTLE CHUTE DEPARTMENT OF PUBLIC WORKS, CITY OF KAUKAUNA DEPARTMENT OF PUBLIC WORKS, CITY OF KAUKAUNA UTILITIES, WE ENERGIES, AT & T, TIME WARNER AND TDS METROCOM.

UTILITIES SHOWN ON THIS MAP ARE BASED ON LOCATES FROM:

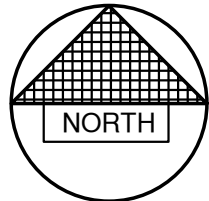
DIGGER'S HOTLINE TICKETS NUMBERED 20232919743 AND 20232919748, BOTH DATED 07/30/2023. VISIBLE OBSERVATION AND RECORD UTILITY PLAN DOCUMENTS. UTILITY LINE LOCATIONS SHOULD BE VERIFIED PRIOR TO ANY DIGGING. THIS SITE MAY CONTAIN BURIED UTILITIES NOT IDENTIFIED ON THIS MAP.

DIGGERS HOTLINE = 1-800-242-8511	SANITARY/STORM SEWER: DEPARTMENT OF PUBLIC WORKS VILLAGE OF LITTLE CHUTE 108 W MAIN ST. LITTLE CHUTE, WI 54140  (920) 423-3865	SANITARY/STORM SEWER: DEPARTMENT OF PUBLIC WORKS CITY OF KAUKAUNA 144 W SECOND ST KAUKAUNA, WI 54130  (920) 766-6300	WATER/ELECTRIC: KAUKAUNA UTILITIES 777 ISLAND ST. KAUKAUNA, WI 54130  (920) 766-5721	GAS & ELECTRIC: WE ENERGIES 800 S. LYNNDALE DR. APPLETON, WI 54914  (800) 242-9137
TELECOMMUNICATIONS: AT & T / SBC 205 S. JEFFERSON ST. GREEN BAY, WI 54301  (920) 433-4147	TELECOMMUNICATIONS: TIME WARNER 3520 DESTINATION DR. APPLETON, WI 54195  (920) 831-9249	TELECOMMUNICATIONS: TDS METROCOM / TDS TELECOM W6174 AEROTECH DR. SUITE A APPLETON, WI 54914  (920) 882-3342		

Dial 811 or (800) 242-8511  
www.DiggersHotline.com

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

WIS. STATUTE 182.0175 (1974)  
REQUIRES MIN. OF 3 WORK DAYS  
NOTICE BEFORE YOU EXCAVATE.



File: R:\2020\2025\20250605.dwg, 2025-06-05 13:52:00  
Plot Date: Sep 13, 2023 1:33:02pm

NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION	DRAWN LLP
								CHECKED
								DESIGNED JGS

SITE DEVELOPMENT OF ATCAM  
FOR BAYLAND BUILDINGS, INC.  
VILLAGE OF LITTLE CHUTE  
OUTAGAMIE COUNTY, WISCONSIN

EXISTING SITE CONDITIONS AND DEMO PLAN

DATE 07/2023
FILE 2035495T
JOB NO. 2035495

**Robert E. Lee**  
& Associates, Inc.  
1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com



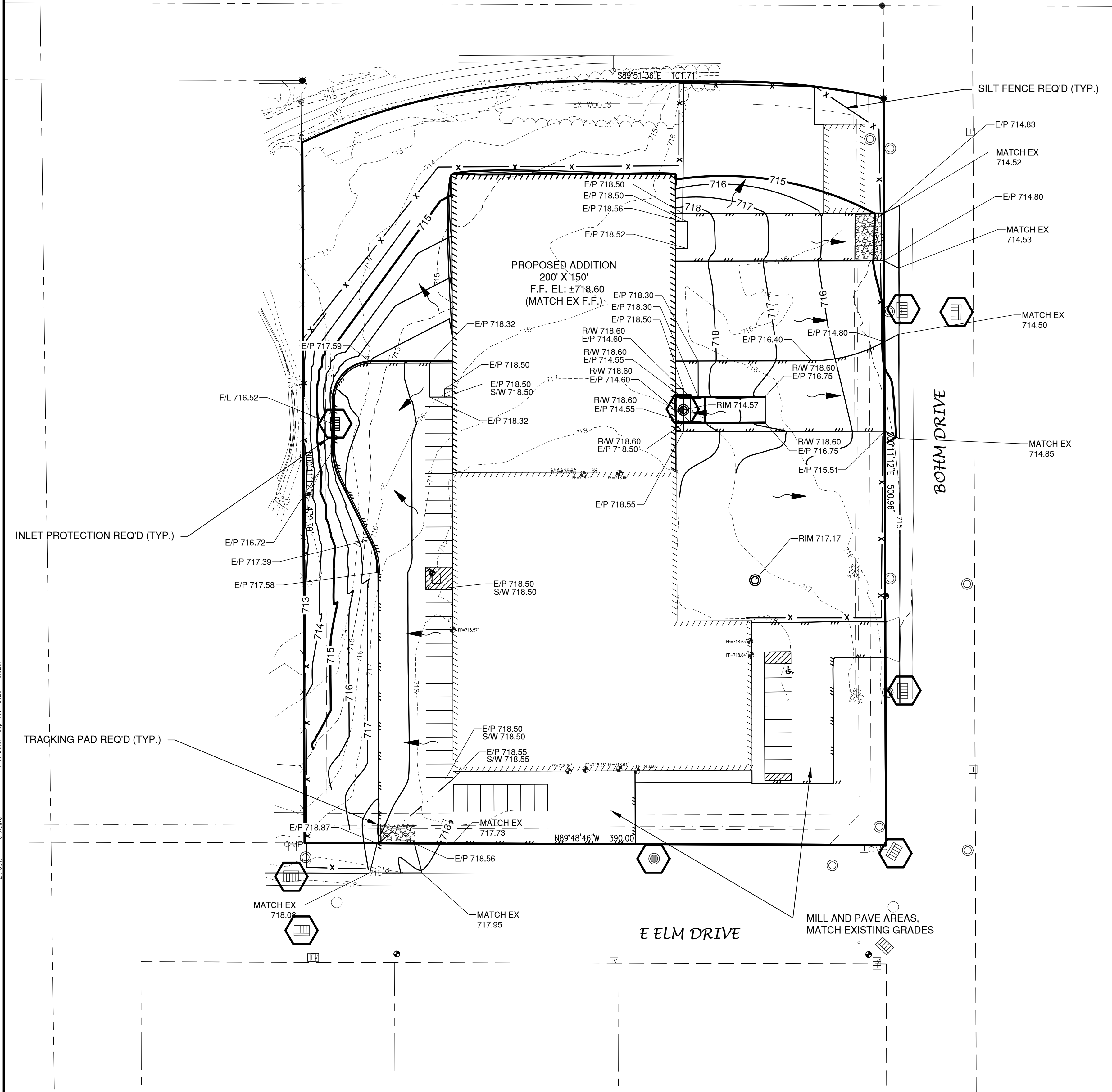








File: C:\Users\JLee\OneDrive\Temp\A-26-2023\2023-09-05.dwg  
Plot Date: Sep 15, 2023 1:35:25pm  
LAYOUT: GRADING



### LEGEND

- T/C 999.99 TOP OF CURB ELEVATION
- F/L 888.88 FLOW LINE ELEVATION
- S/W 666.66 TOP OF SIDEWALK ELEVATION
- E/P 555.55 EDGE OF PAVEMENT ELEVATION
- R/W 444.44 TOP OF RETAINING WALL ELEVATION
- 333.33 GROUND ELEVATION
- DRAINAGE SWALE
- - - DRAINAGE DIVIDE
- FLOW ARROW
- x SILT FENCE (PER WDNR TECHNICAL STANDARD 1056)
- [Symbol] DITCH CHECK (PER WDNR TECHNICAL STANDARD 1062)
- [Symbol] TRACKING PAD (PER WDNR TECHNICAL STANDARD 1057)
- [Symbol] EROSION MAT (PER WDNR TECHNICAL STANDARD 1053)
- [Symbol] INLET PROTECTION (PER WDNR TECHNICAL STANDARD 1060)

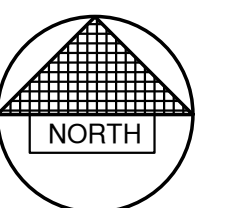
### EROSION CONTROL

ALL EROSION CONTROL PRACTICES INDICATED ON THIS PLAN ARE APPROXIMATE LOCATIONS ONLY. THE ACTUAL SITE MAY REQUIRE MORE OR LESS EROSION CONTROL DEPENDING ON THE CURRENT CONDITION OF THE SITE.

- SILT FENCE IS REQUIRED DOWNSLOPE OF ANY DISTURBED LAND THAT MAY CARRY SEDIMENTS OFF SITE.
- A TRACKING PAD IS REQUIRED AT ANY INGRESS/EGRESS LOCATION, WHERE SEDIMENT MAY BE TRACKED OFF-SITE.
- PROPER INLET PROTECTION SHALL BE USED DEPENDING ON THE INLET TYPE.
- ALL NECESSARY SITE DEWATERING SHALL BE PERFORMED IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1061.

### NOTE

\*CONTRACTOR TO TEMPORARILY BUILD GRAVEL BASE COURSE TO FINAL PAVEMENT ELEVATION FOR LOADING DOCK RAMPS AND TEST RAMP FOR PROPER TRUCK ALIGNMENT TO LOADING DOCK PRIOR TO PAVING.



0' 40' 80'  
SCALE IN FEET

NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION	DRAWN
								LLP
								CHECKED
								DESIGNED
								JGS

SITE DEVELOPMENT OF ATCAM  
FOR BAYLAND BUILDINGS, INC.  
VILLAGE OF LITTLE CHUTE  
OUTAGAMIE COUNTY, WISCONSIN

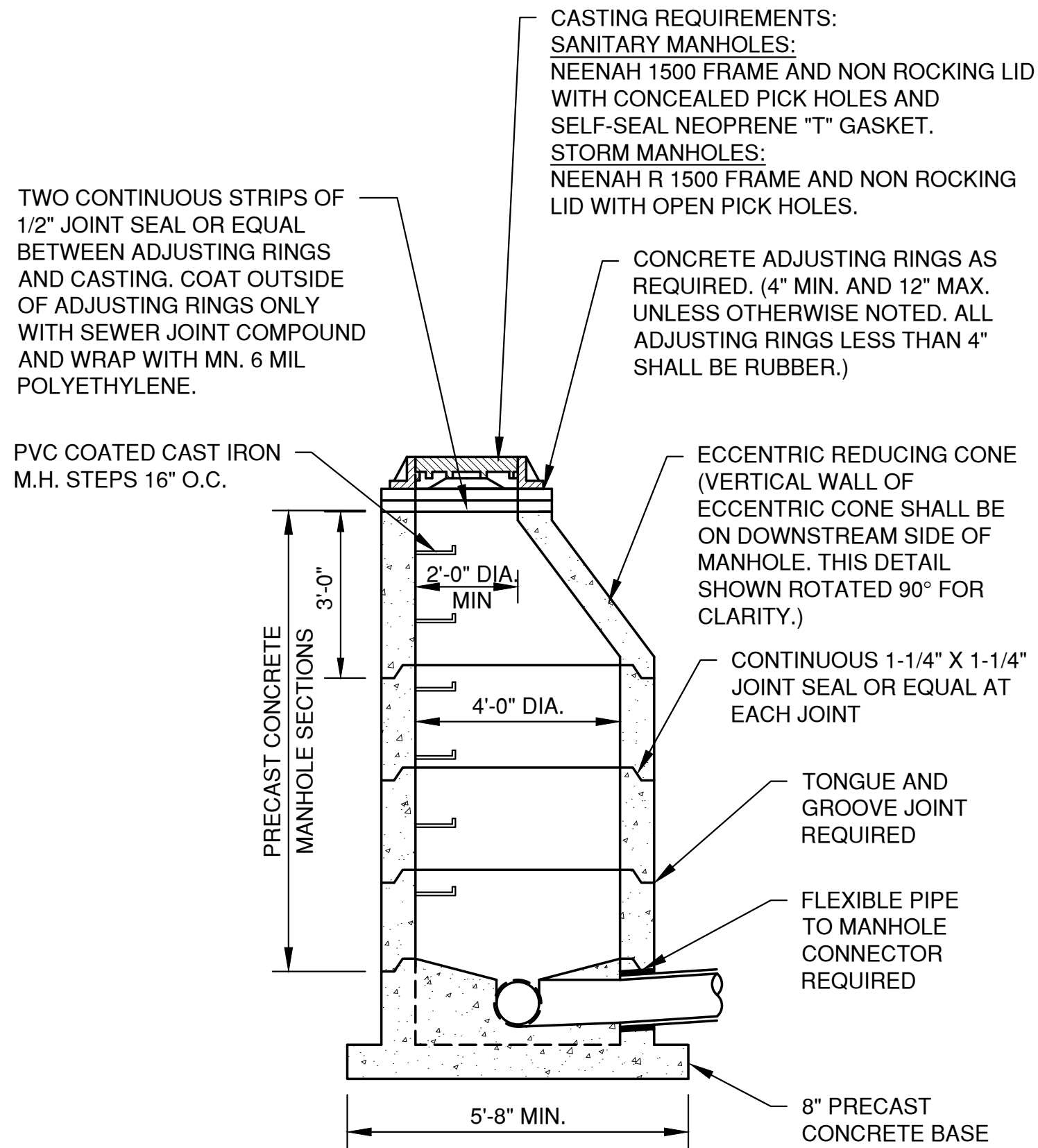
GRADING AND EROSION CONTROL PLAN

DATE	08/2023
FILE	2035495D
JOB NO.	2035495

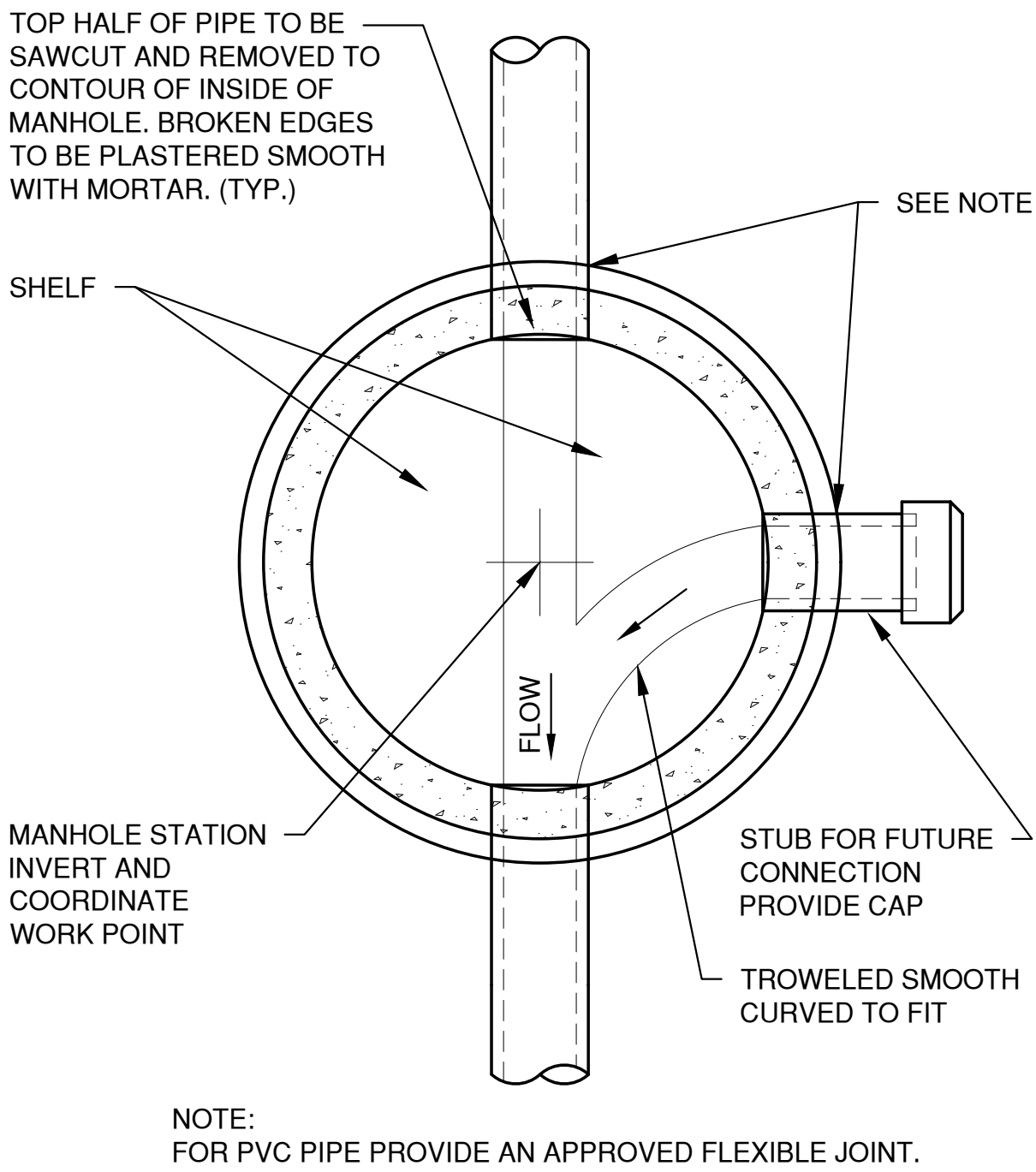
**REL** Robert E. Lee  
& Associates, Inc.  
1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com

SHEET NO.  
**4**

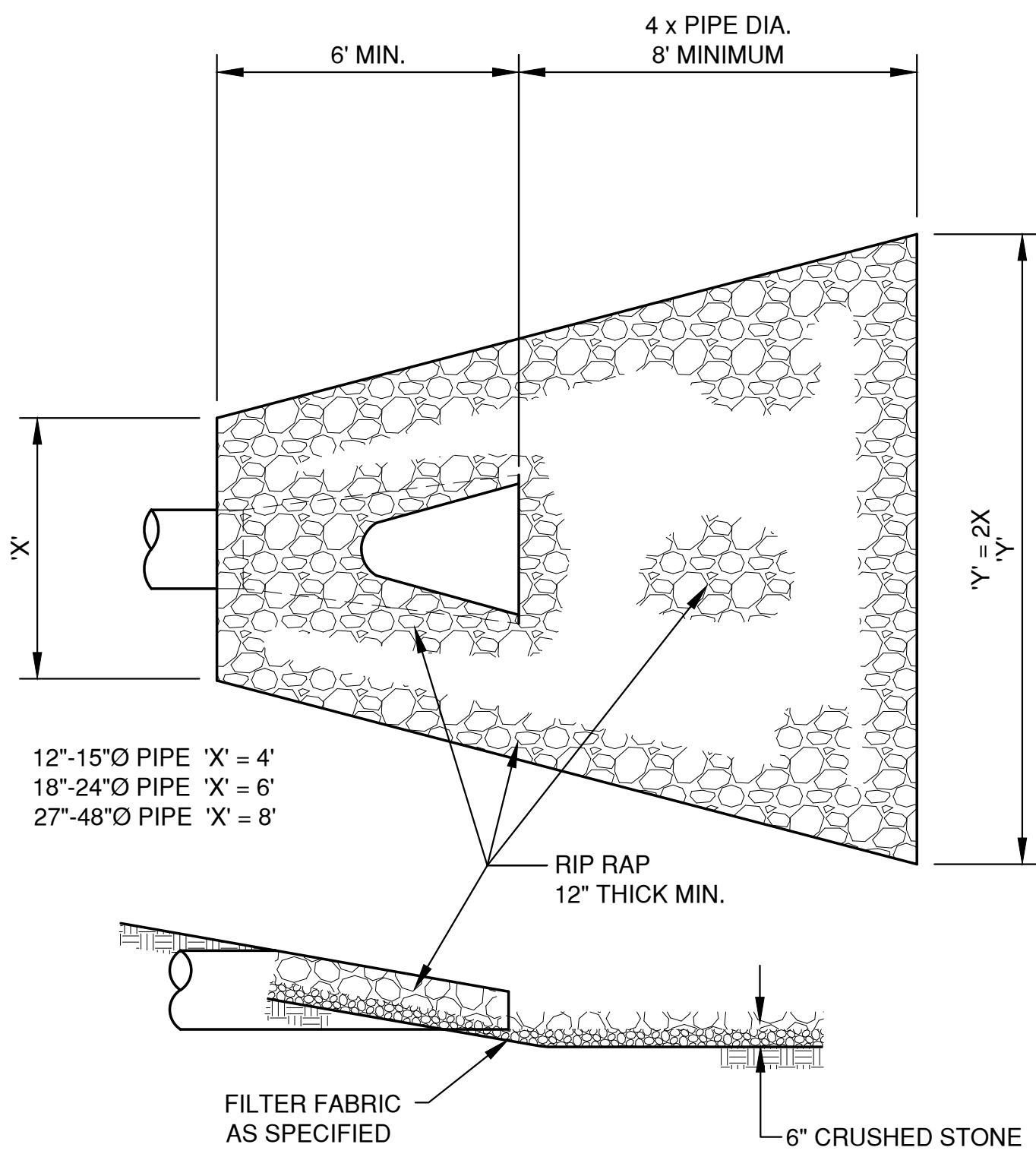




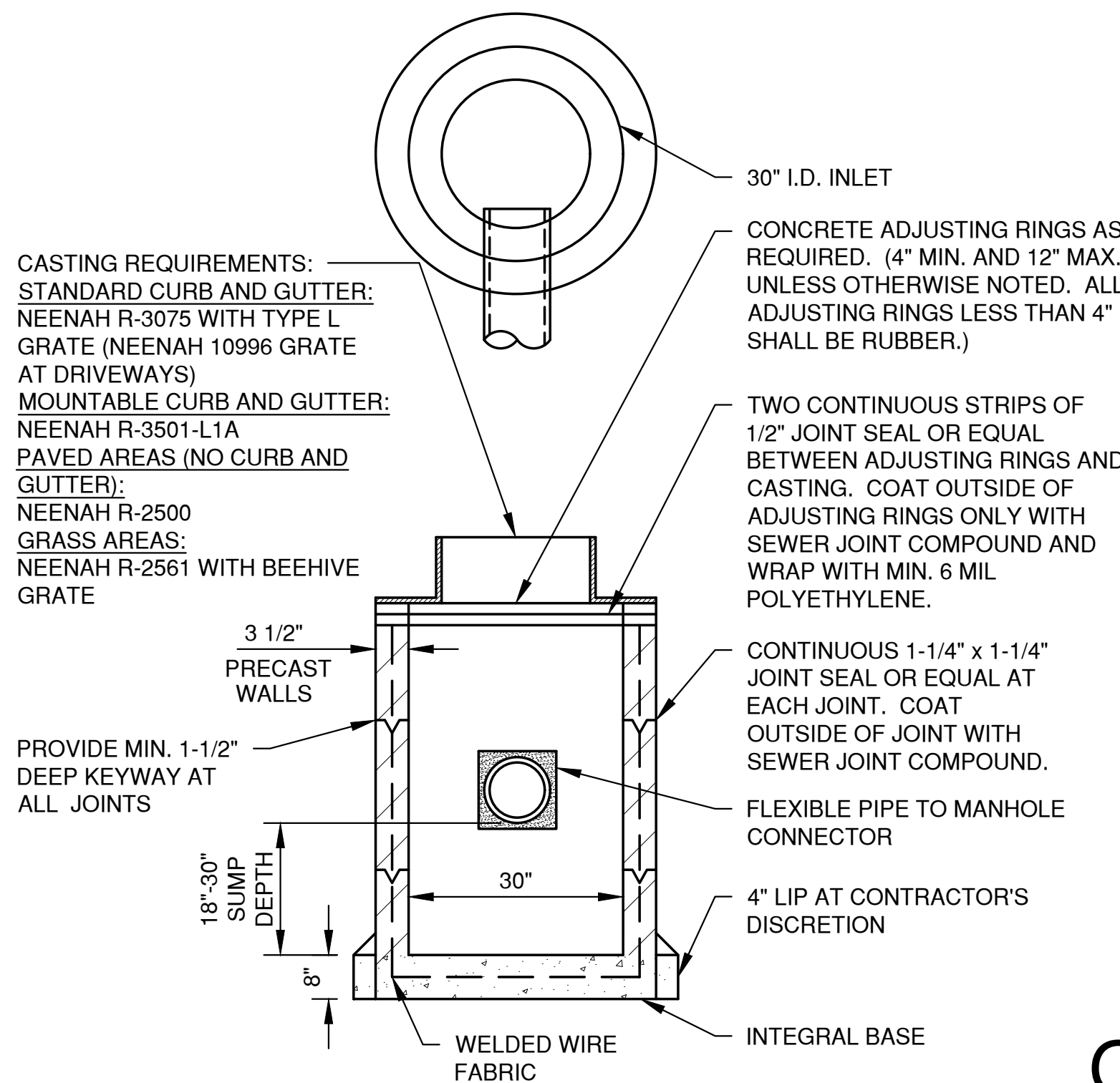
**SANITARY AND STORM STANDARD MANHOLE**  
**8"-24" (INCLUSIVE)**



**MANHOLE BASE PLAN**  
**8" - 60" (INCLUSIVE)**

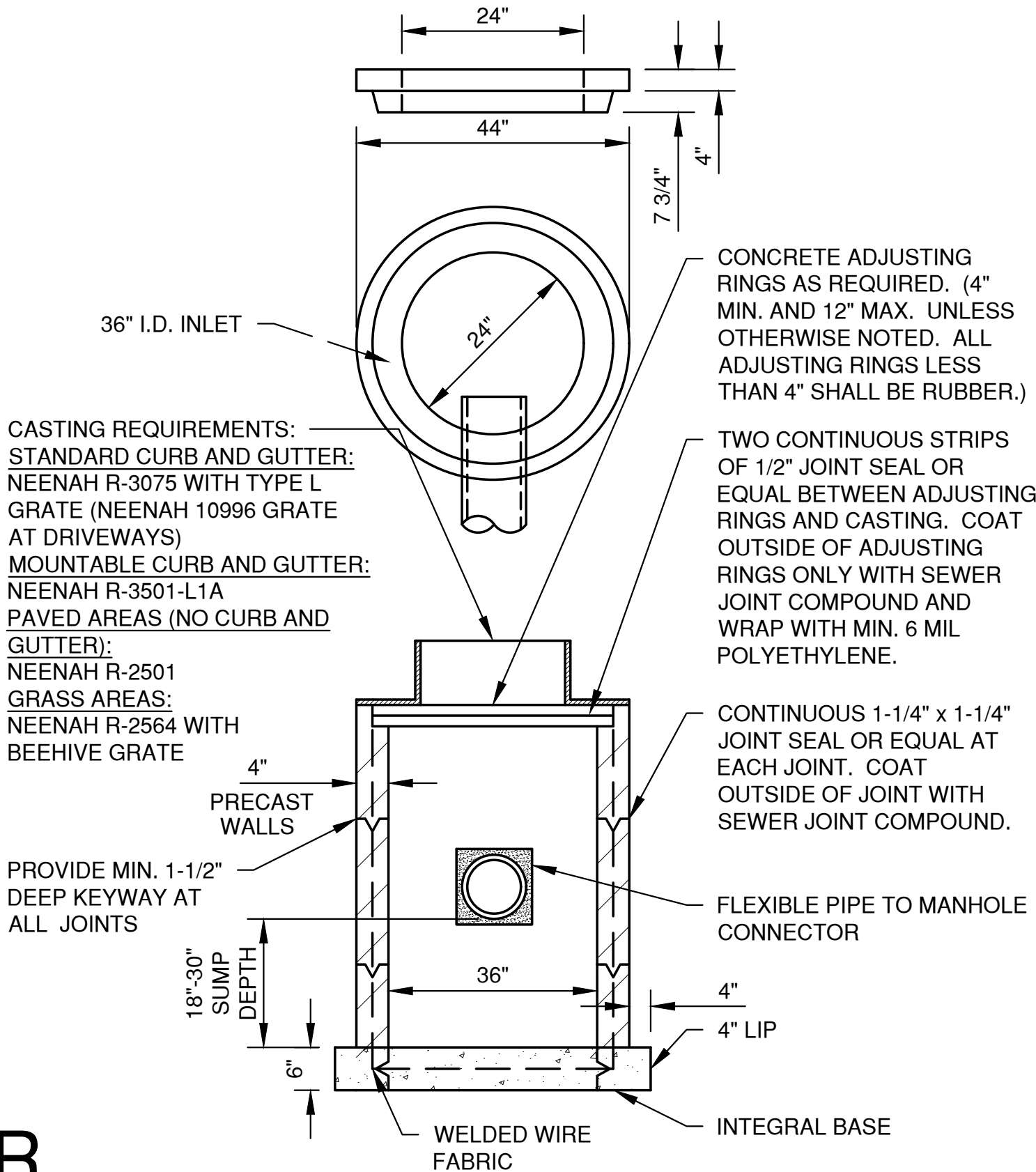


**ENDWALL RIP RAP DETAIL**



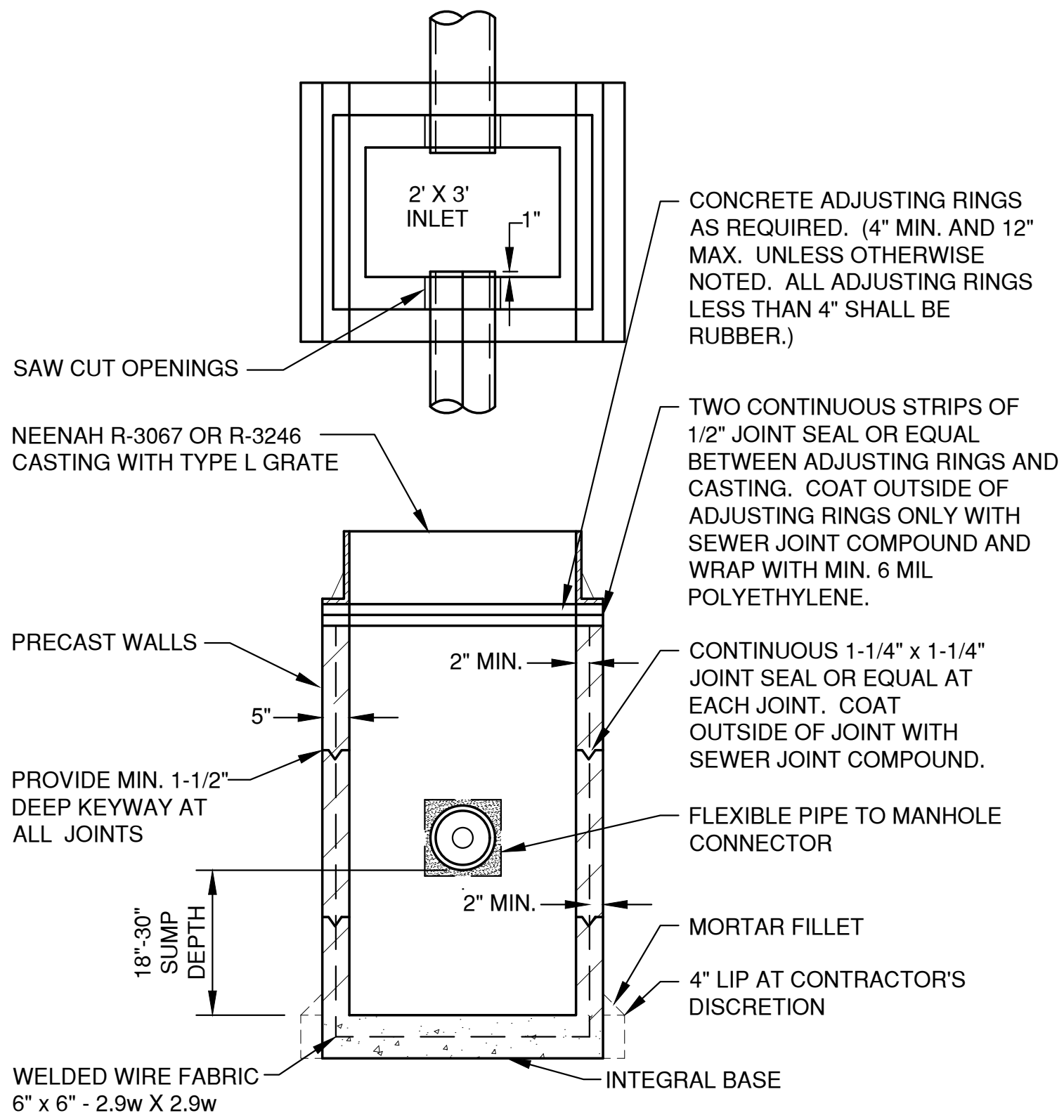
ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199

**TYPE 'A' STORM INLET**



ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199

**TYPE 'A' STORM INLET**

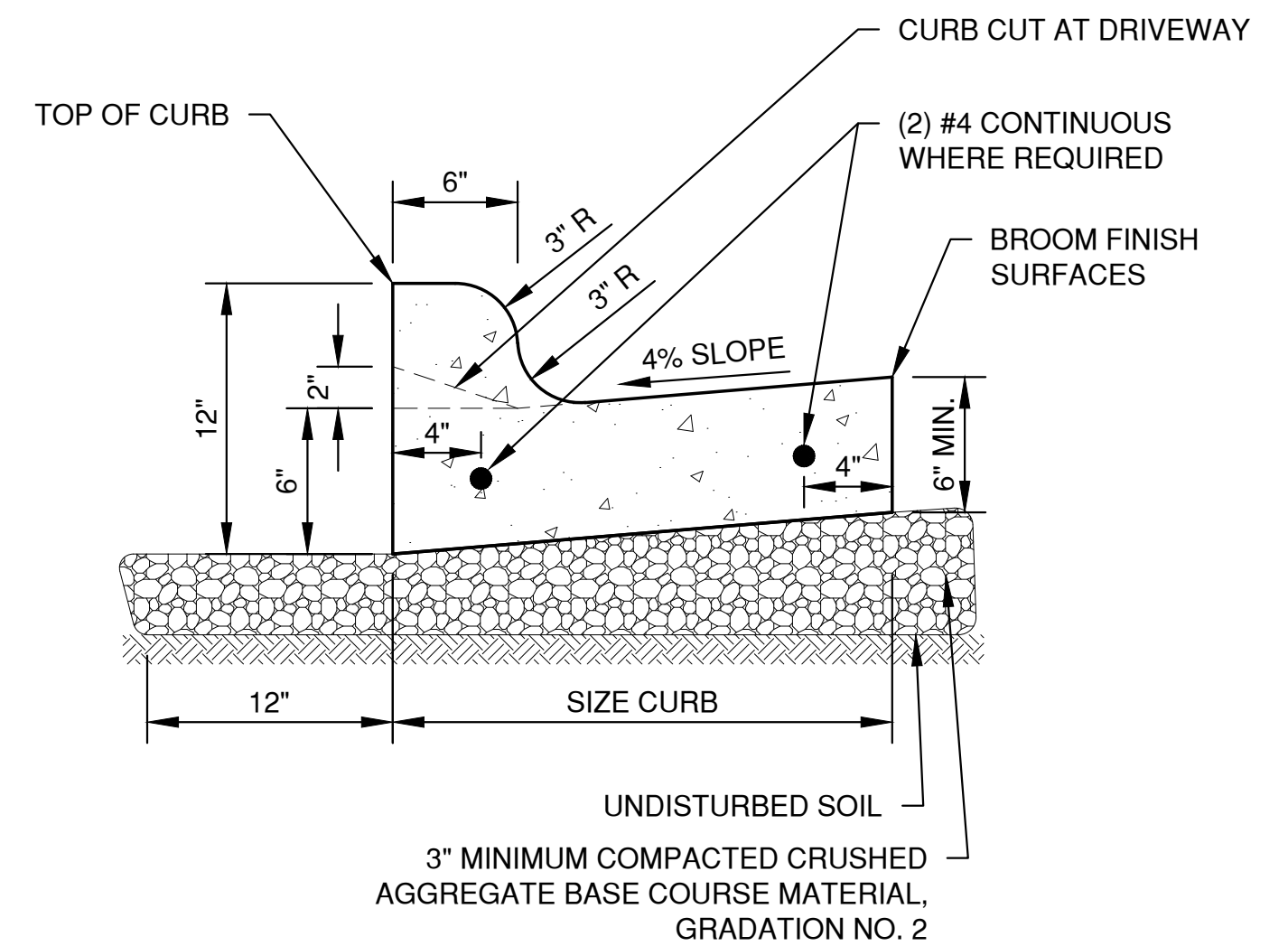
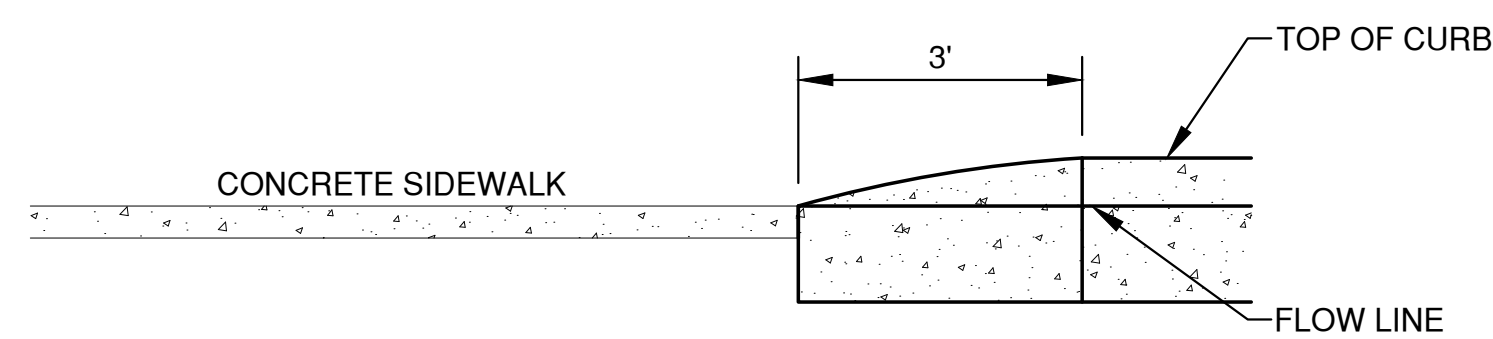
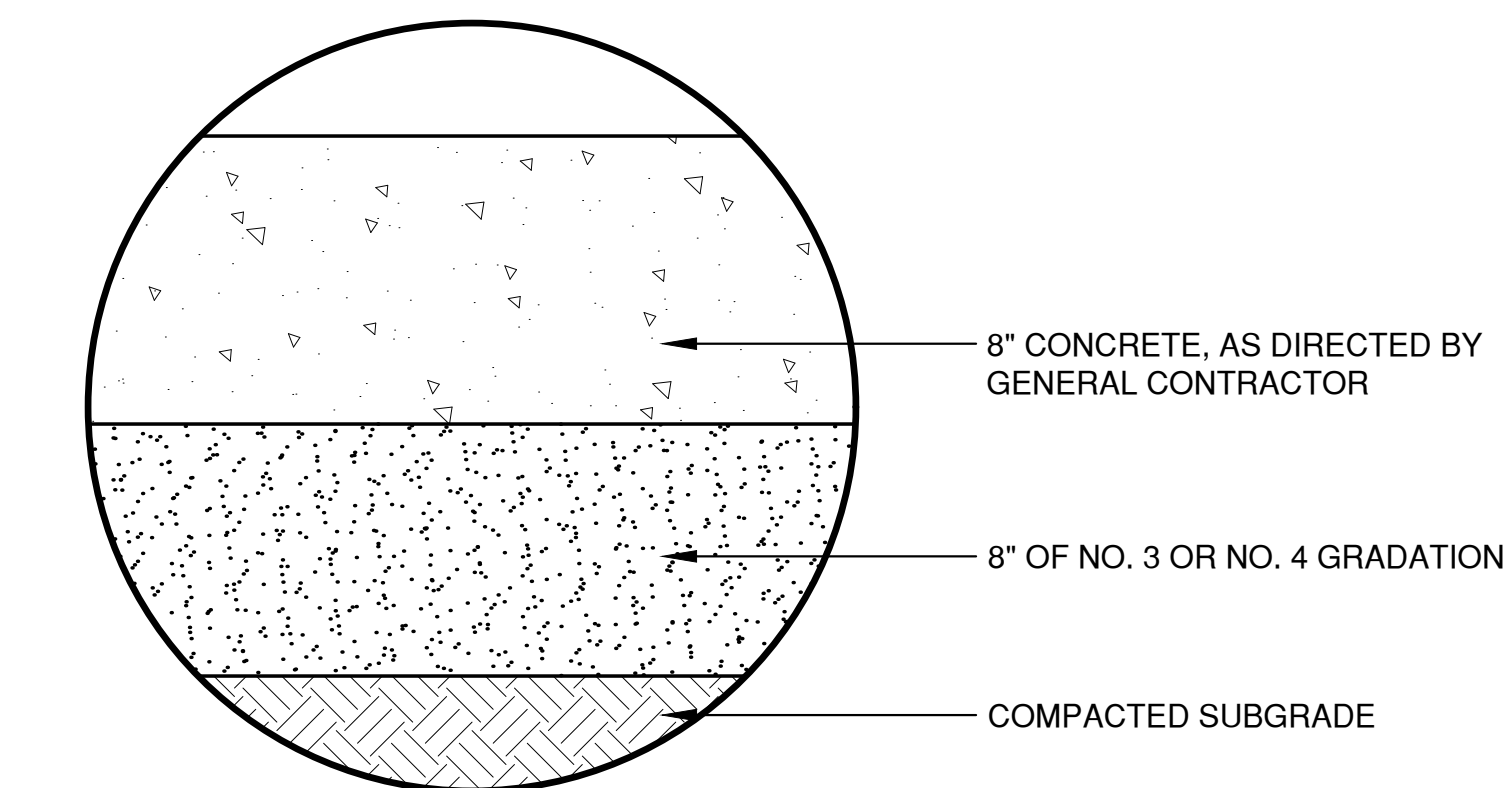
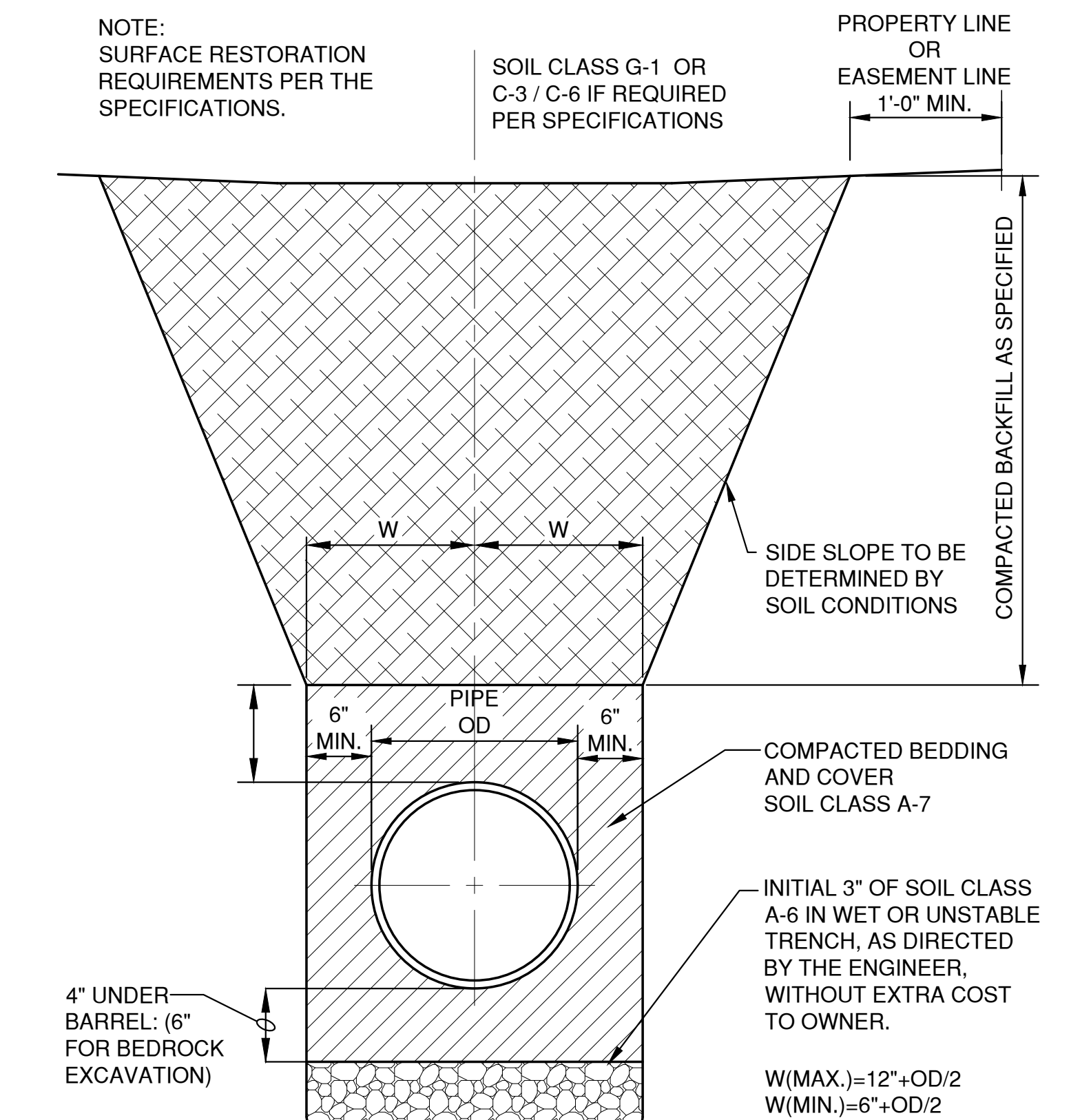


ALL PRECAST INLET UNITS SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF AASHTO DESIGNATION M 199

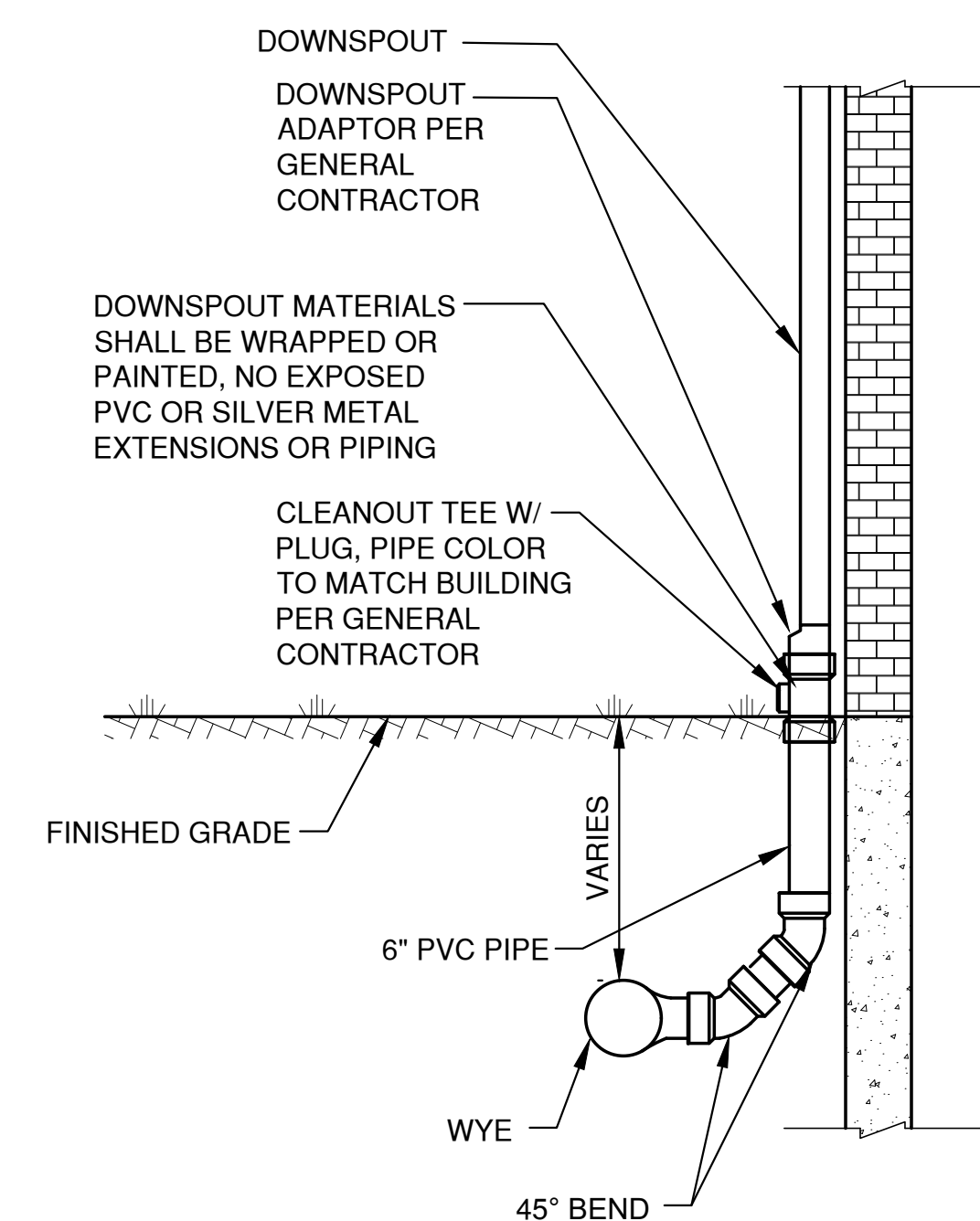
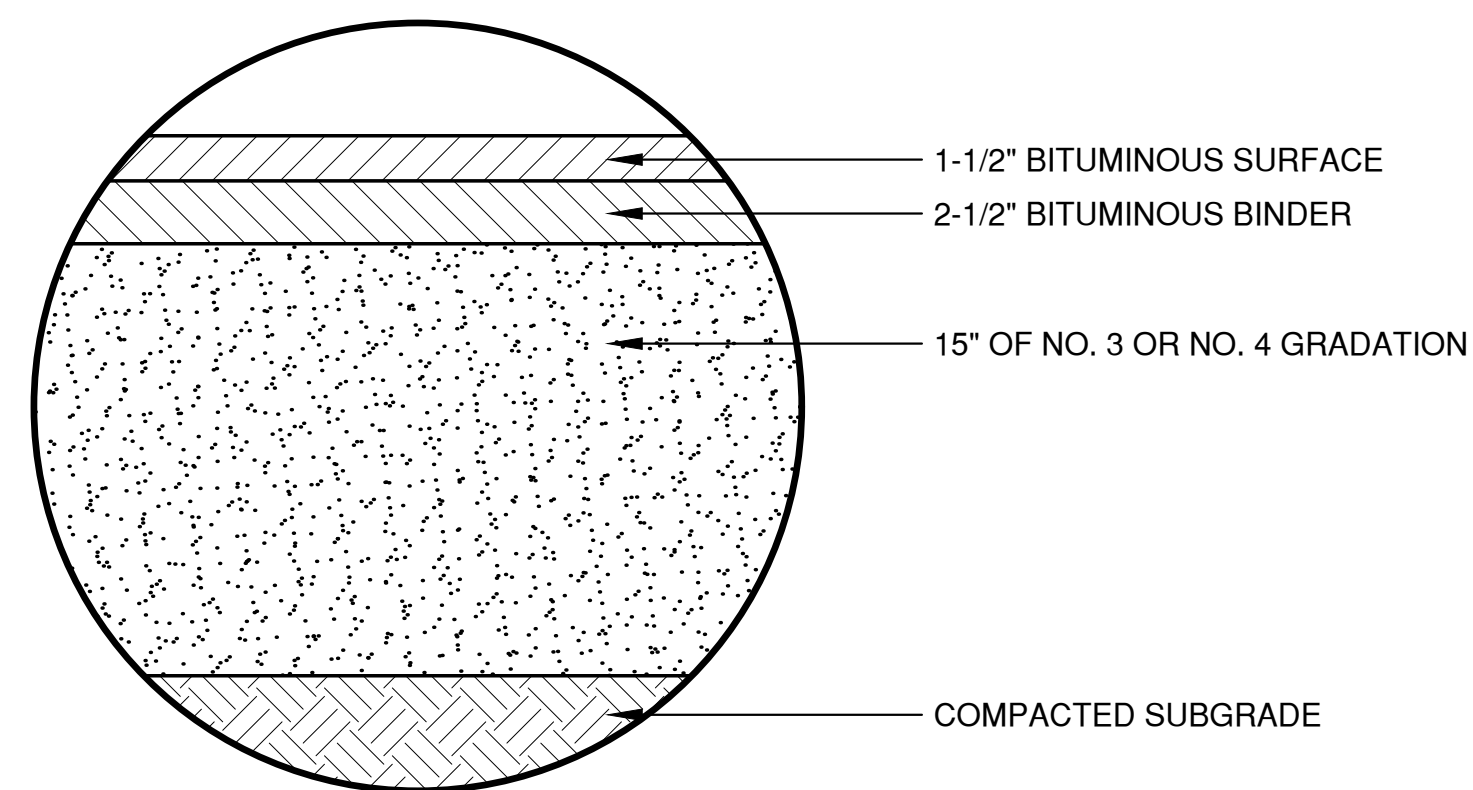
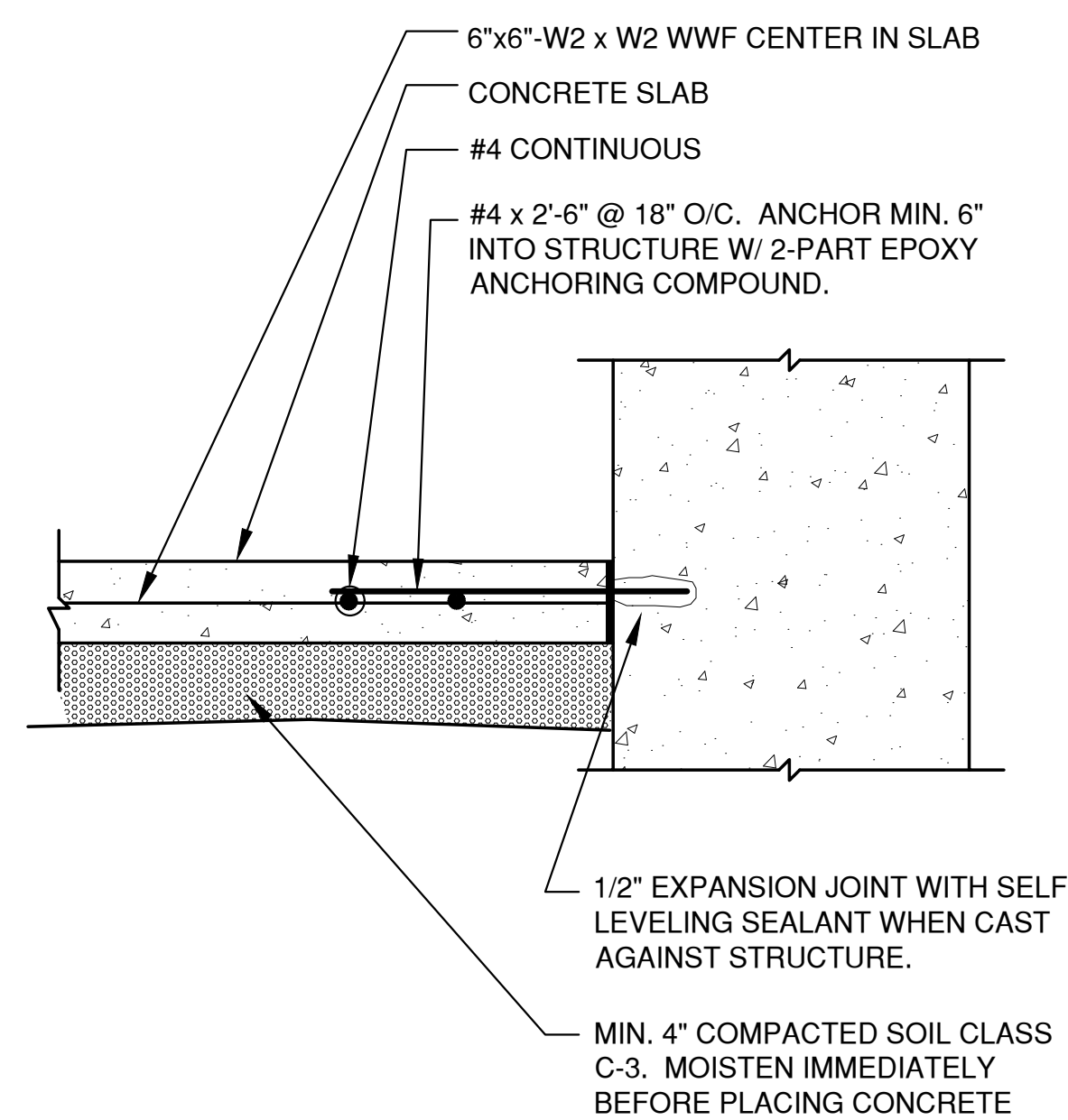
**TYPE 'B' STORM INLET**

File: R:\2000-2010\2010\2010\463\2010\463\DET.dwg  
Plot Date: Sep 13, 2023 7:46am  
LARGE: DETAILS (1)





## STANDARD CURB AND GUTTER

[illegible]



File: R:\2000-2035\2035495-495\2035495C.dwg  
Plot Date: Sep 11, 2023 11:35am  
LAYOUT: 1. INLET PROTECTION

INLET PROTECTION NOTES:

INLET PROTECTION DEVICES SHALL BE IN ACCORDANCE WITH WDNr TECHNICAL STANDARD 1060, STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITES.

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE WDOT PRODUCT ACCEPTABILITY LIST MAY BE SUBSTITUTED.

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

MAINTENANCE NOTES:

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED IN THE FABRIC DOES NOT FALL INTO THE STRUCTURE. MATERIAL THAT HAS FALLEN INTO THE INLET SHALL BE IMMEDIATELY REMOVED.

INSTALLATION NOTES:  
TYPE "B" AND "C"

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

TYPE "D"

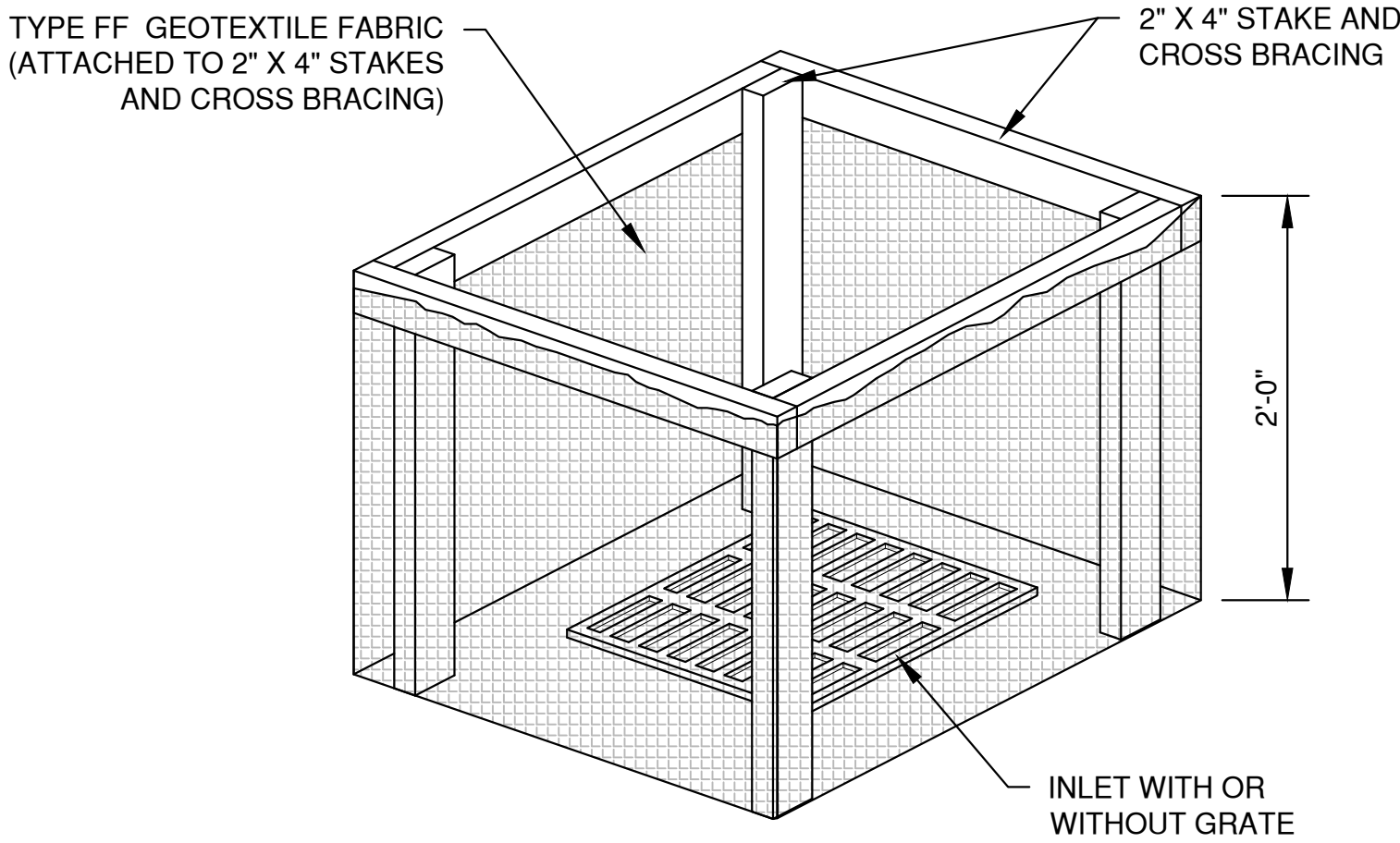
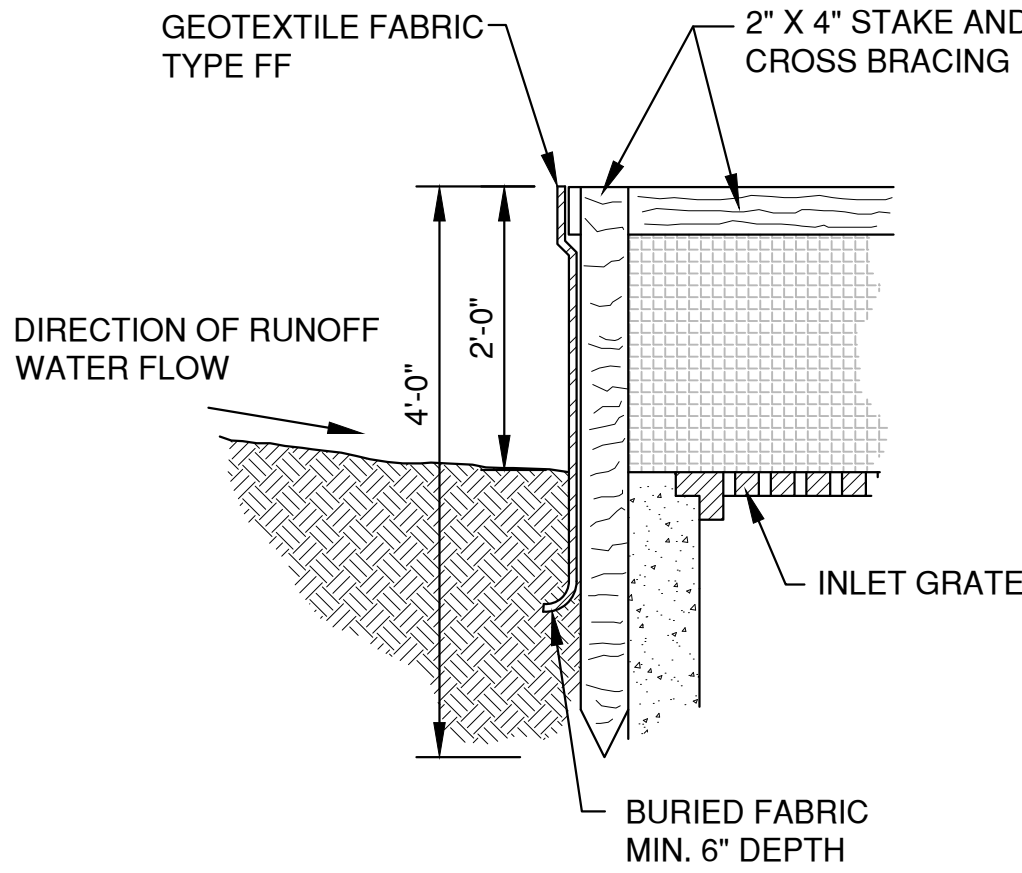
DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SHALLOWER THAN 30" MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.

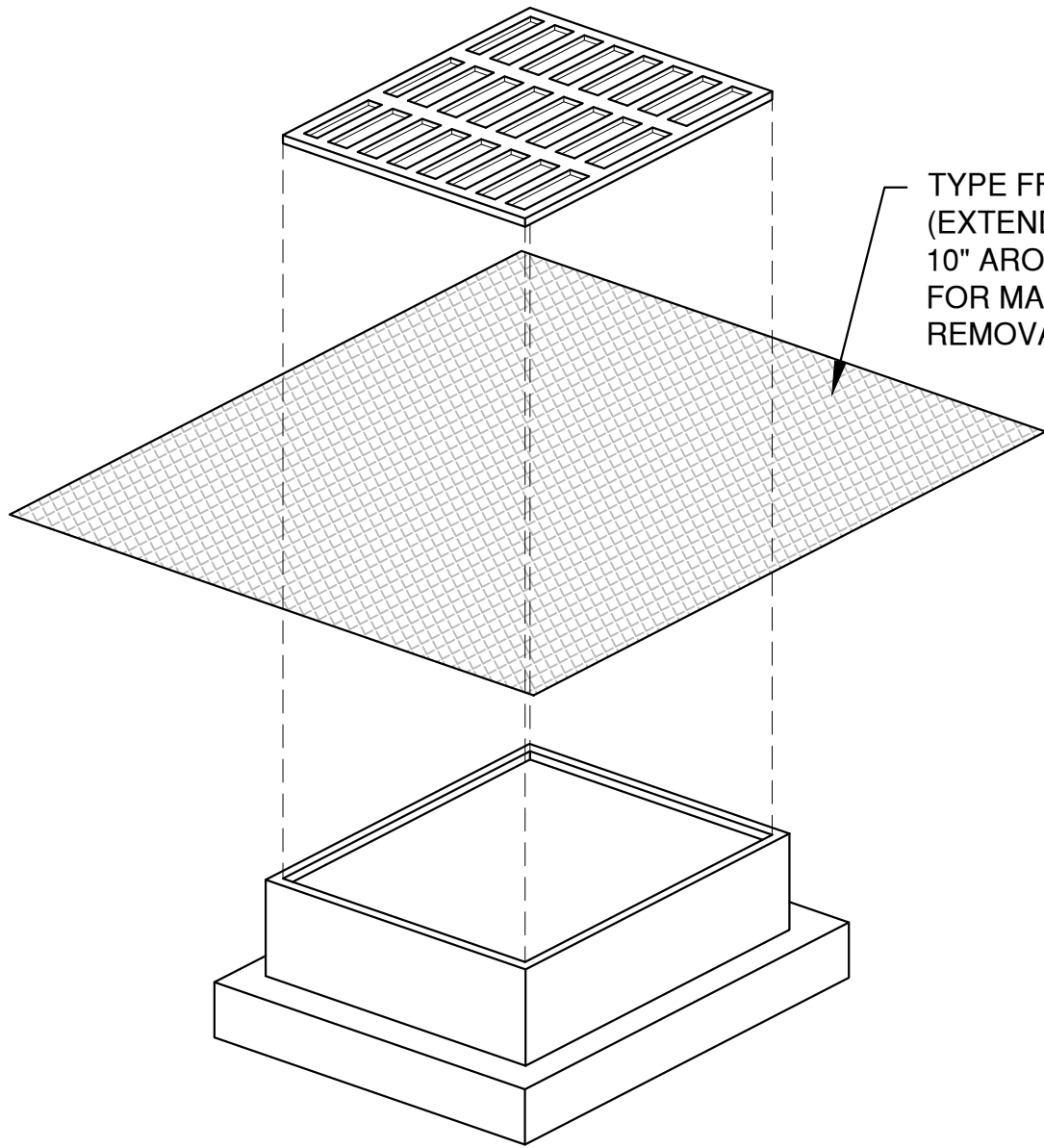
THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY, CINCH THE BAG, USING PLASTIC ZIP TIES, TO ACHIEVE THE 3" CLEARANCE, THE TIES SHALL BE PLACED AT THE MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

NOTES:

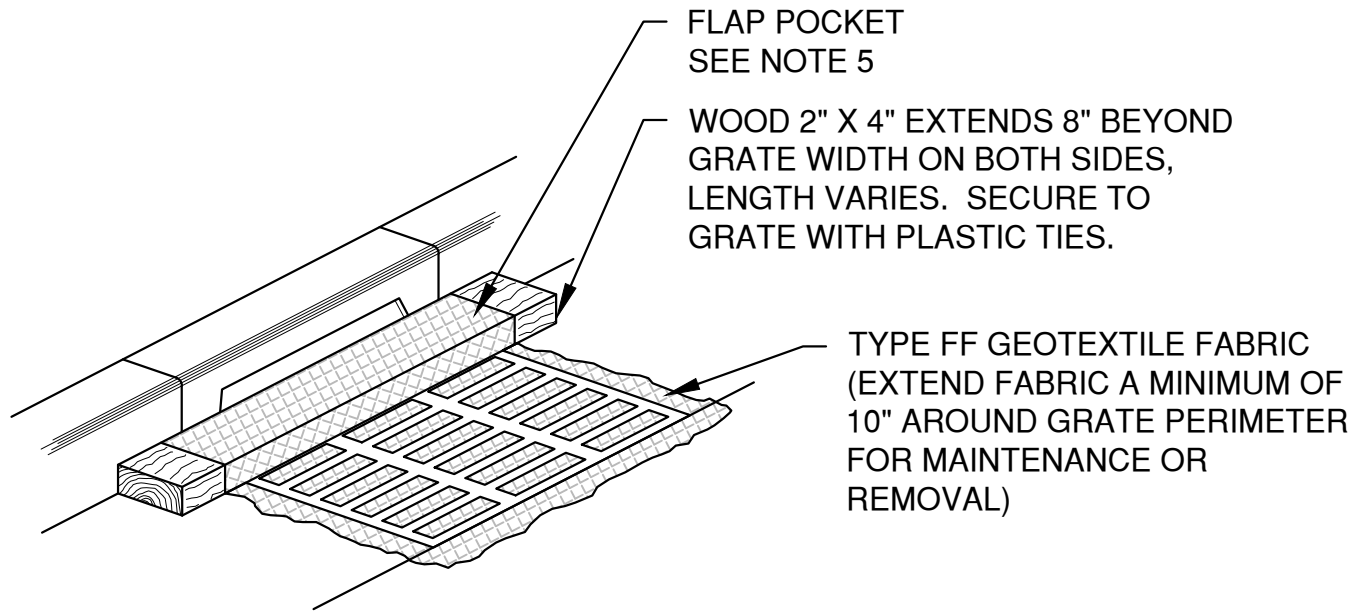
1. TAPER BOTTOM OF BAG TO MAINTAIN THREE INCHES OF CLEARANCE BETWEEN THE BAG AND THE STRUCTURE, MEASURED FROM THE BOTTOM OF THE OVERFLOW OPENINGS TO THE STRUCTURE WALL.
2. GEOTEXTILE FABRIC TYPE FF FOR FLAPS, TOP AND BOTTOM OF THE OUTSIDE OF FILTER BAG. FRONT, BACK AND BOTTOM OF FILTER BAG BEING ONE PIECE.
3. FRONT LIFTING FLAP IS TO BE USED WHEN REMOVING AND MAINTAINING FILTER BAG.
4. SIDE FLAPS SHALL BE A MAXIMUM OF TWO INCHES LONG. FOLD THE FABRIC OVER AND REINFORCE WITH MULTIPLE STITCHES.
5. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2" X 4". THE REBAR, STEEL PIPE, OR WOOD SHALL BE INSTALLED IN THE REAR FLAP AND SHALL NOT BLOCK THE TOP HALF OF THE CURB FACE OPENING.



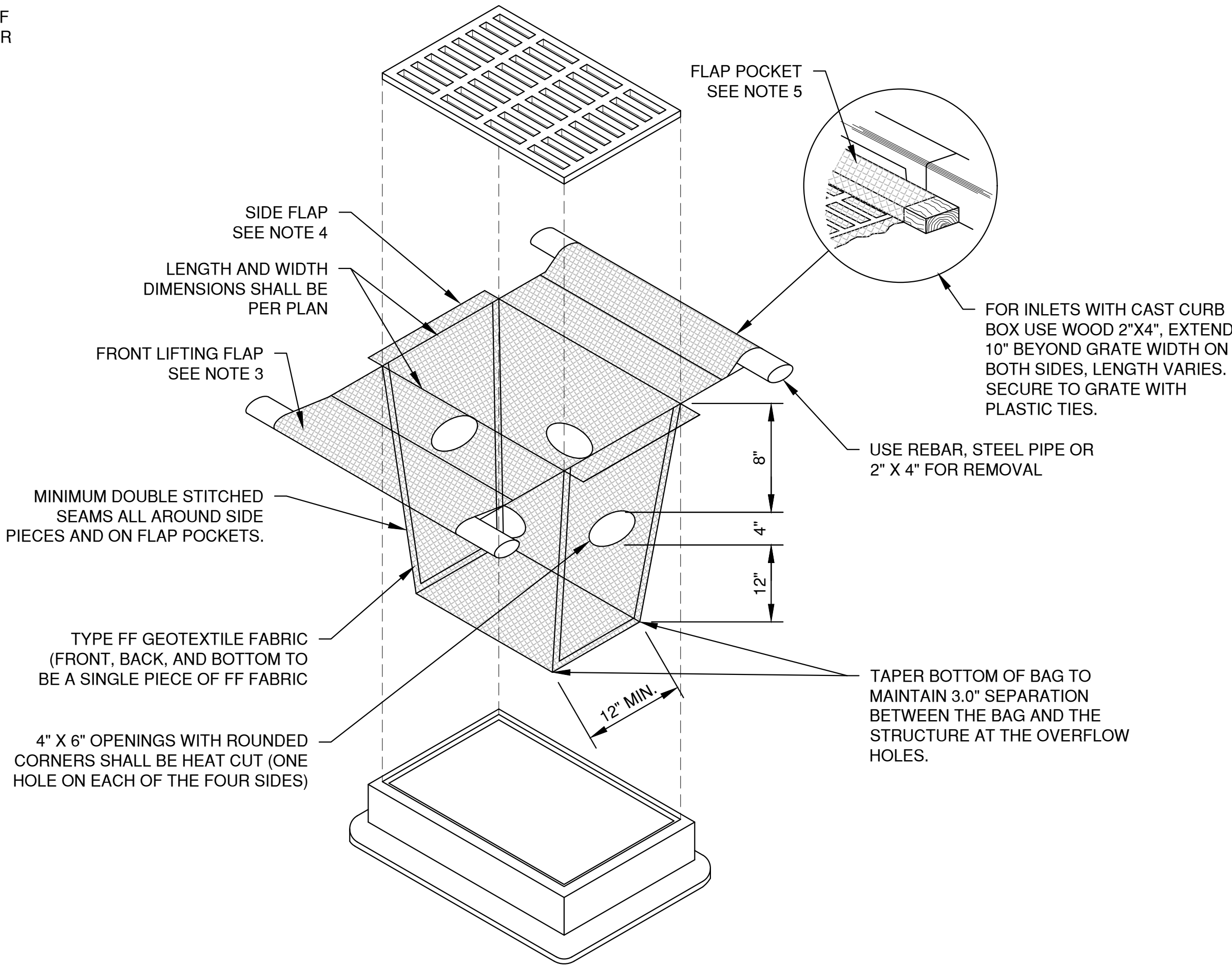
INLET PROTECTION, TYPE A



INLET PROTECTION, TYPE B  
(WITHOUT CURB BOX)  
(CAN BE INSTALLED IN ANY INLET WITHOUT A CURB BOX)



INLET PROTECTION, TYPE C  
(WITH CURB BOX)



INLET PROTECTION, TYPE D  
(CAN BE INSTALLED IN INLETS WITH OR WITHOUT CURB BOXES)

NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION	DRAWN KDC	SITE DEVELOPMENT OF ATCAM FOR BAYLAND BUILDINGS, INC. VILLAGE OF LITTLE CHUTE OUTAGAMIE COUNTY, WISCONSIN	EROSION CONTROL INLET PROTECTION TYPES A, B, C AND D	DATE 08/2023 FILE 2035495EC JOB NO. 2035495	REL Robert E. Lee & Associates, Inc. 1250 Centennial Centre Blvd   Hobart, WI   920-662-9641   releinc.com	SHEET NO. 7
								CHECKED					
								DESIGNED JGS					

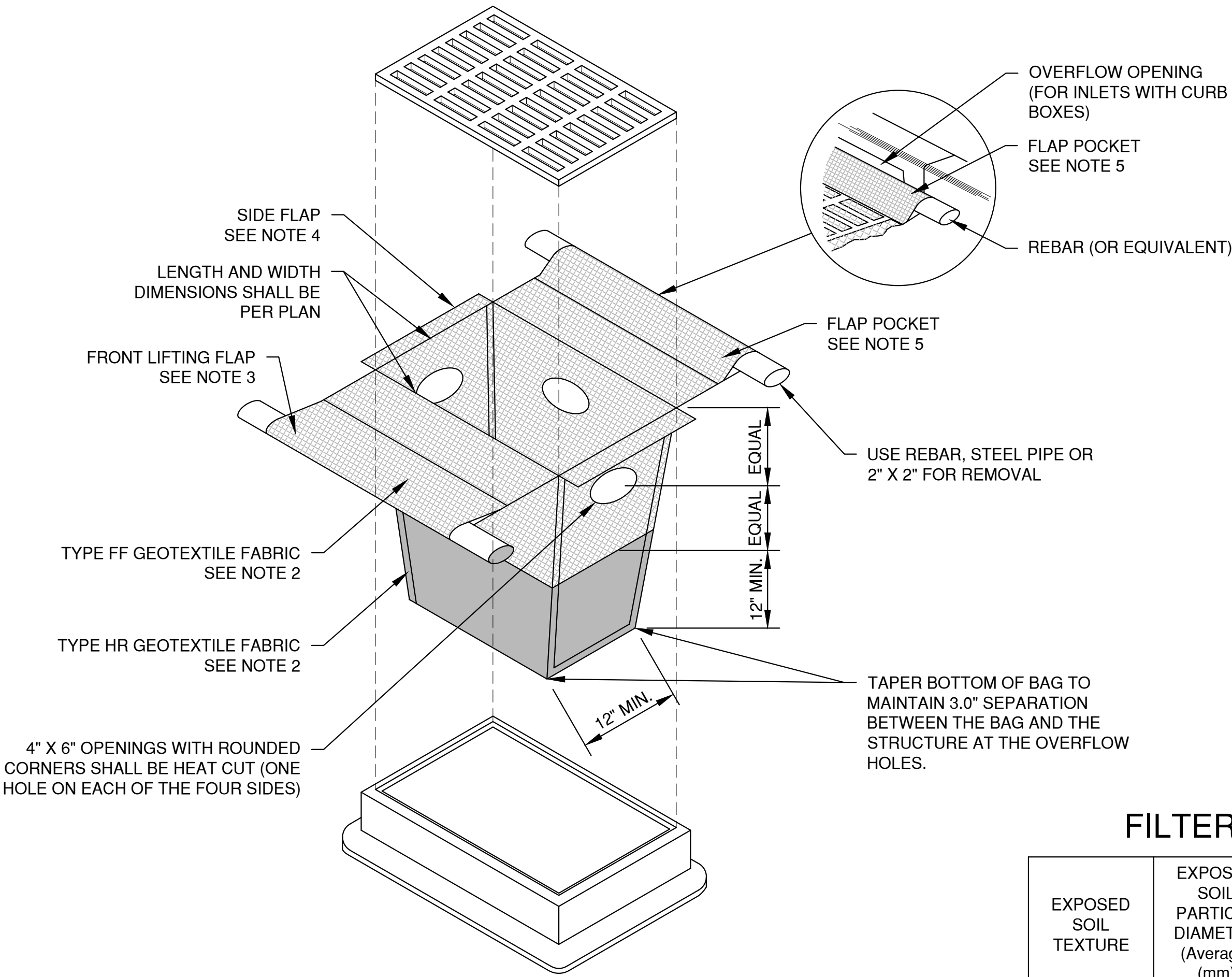


NOTES:

- 1. TAPER BOTTOM OF BAG TO MAINTAIN THREE INCHES OF CLEARANCE BETWEEN THE BAG AND THE STRUCTURE, MEASURED FROM THE BOTTOM OF THE OVERFLOW OPENINGS TO THE STRUCTURE WALL.
- 2. GEOTEXTILE FABRIC TYPE FF FOR FLAPS AND TOP HALF OF FILTER BAG. GEOTEXTILE FABRIC TYPE HR FOR BOTTOM HALF OF FILTER BAG. FRONT, BACK AND BOTTOM OF FILTER BAG BEING ONE PIECE.
- 3. FRONT LIFTING FLAP IS TO BE USED WHEN REMOVING AND MAINTAINING FILTER BAG.
- 4. SIDE FLAPS SHALL BE A MAXIMUM OF TWO INCHES LONG. FOLD THE FABRIC OVER AND REINFORCE WITH MULTIPLE STITCHES.
- 5. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2" X 4". THE REBAR, STEEL PIPE, OR WOOD SHALL BE INSTALLED IN THE REAR FLAP AND SHALL NOT BLOCK THE TOP HALF OF THE CURB FACE OPENING.

MAINTENANCE NOTES:

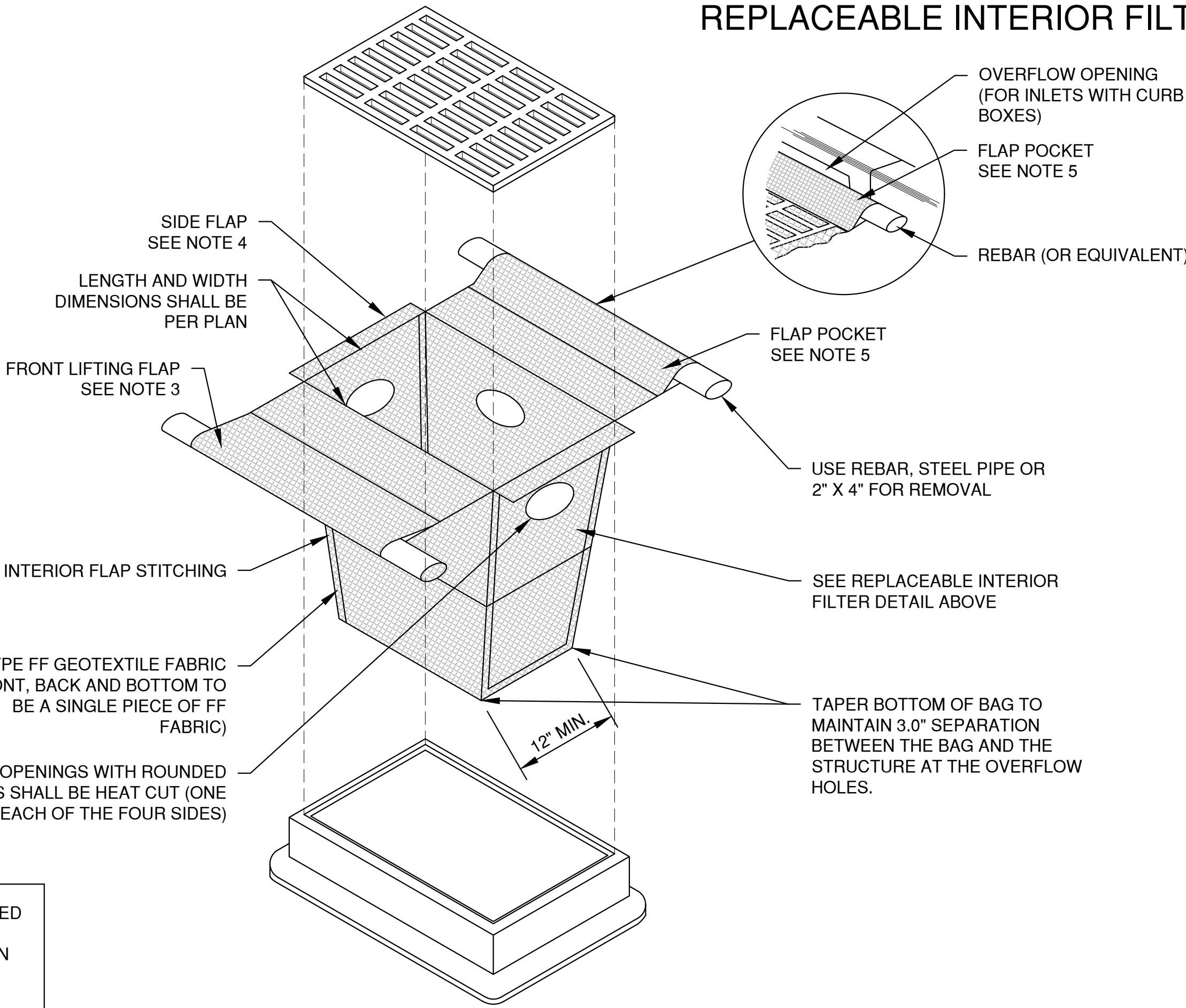
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED IN THE FABRIC DOES NOT FALL INTO THE STRUCTURE. MATERIAL THAT HAS FALLEN INTO THE INLET SHALL BE IMMEDIATELY REMOVED.



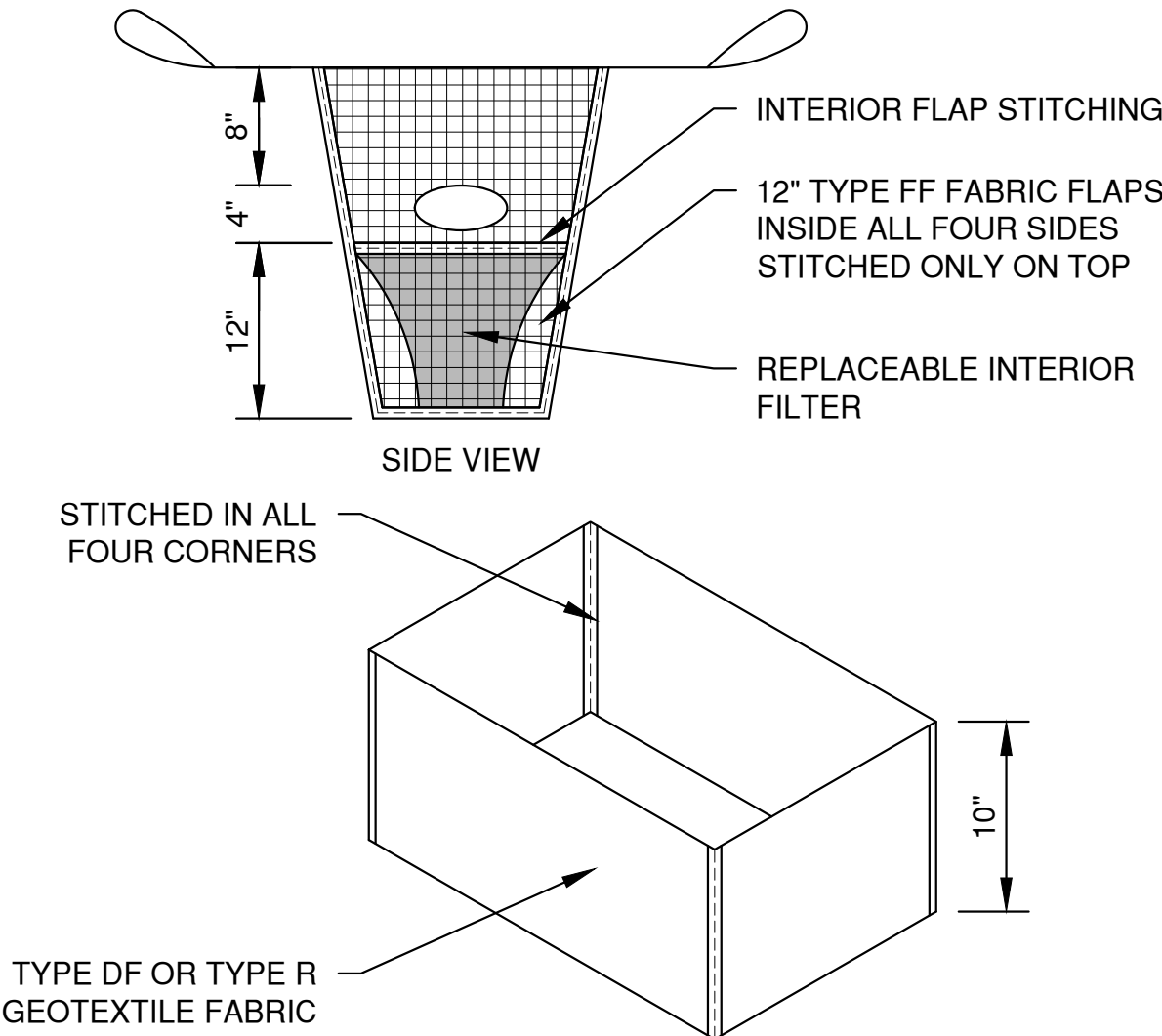
INLET PROTECTION, TYPE D-HR  
(CAN BE INSTALLED IN INLETS WITH OR WITHOUT CURB BOXES)

NOTES:

- 1. TAPER BOTTOM OF BAG TO MAINTAIN THREE INCHES OF CLEARANCE BETWEEN THE BAG AND THE STRUCTURE, MEASURED FROM THE BOTTOM OF THE OVERFLOW OPENINGS TO THE STRUCTURE WALL.
- 2. GEOTEXTILE FABRIC TYPE FF FOR FLAPS, TOP AND BOTTOM OF OUTSIDE OF FILTER BAG. FRONT, BACK AND BOTTOM OF FILTER BAG BEING ONE PIECE.
- 3. FRONT LIFTING FLAP IS TO BE USED WHEN REMOVING AND MAINTAINING FILTER BAG.
- 4. SIDE FLAPS SHALL BE A MAXIMUM OF TWO INCHES LONG. FOLD THE FABRIC OVER AND REINFORCE WITH MULTIPLE STITCHES.
- 5. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2" X 4". THE REBAR, STEEL PIPE, OR WOOD SHALL BE INSTALLED IN THE REAR FLAP AND SHALL NOT BLOCK THE TOP HALF OF THE CURB FACE OPENING.



INLET PROTECTION, TYPE D-M  
(CAN BE INSTALLED IN INLETS WITH OR WITHOUT CURB BOXES)



REPLACEABLE INTERIOR FILTER

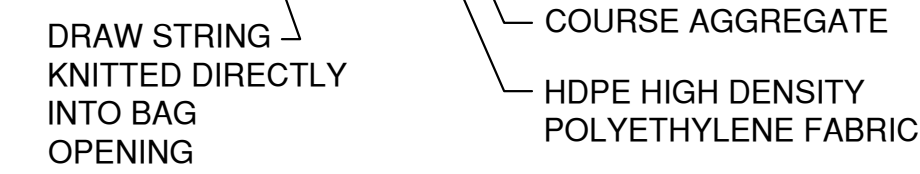
FILTER FABRIC TYPE

EXPOSED SOIL TEXTURE	EXPOSED SOIL PARTICLE DIAMETER (Average) (mm)	FILTER FABRIC TYPE*	RECOMMENDED INLET PROTECTION DEVICE TYPE
COARSE (SAND)	≥0.0625	FF	D, D-M
MEDIUM (SILT LOAM)	0.0624 - 0.005	DF	D, D-M
FINE (CLAY)	≤ 0.004	R	D-M
		HR	D-HR

\* DF, R OR HR FILTERS MAY BE USED WHERE FF IS THE REQUIRED MINIMUM STANDARD. R OR HR MAY BE USED WHERE DF IS THE REQUIRED MINIMUM STANDARD.

\*\* FOLLOW DESIGN CRITERIA OF WDNR TECHNICAL STANDARD 1060





### FILTER BAG DETAIL

NOTES:

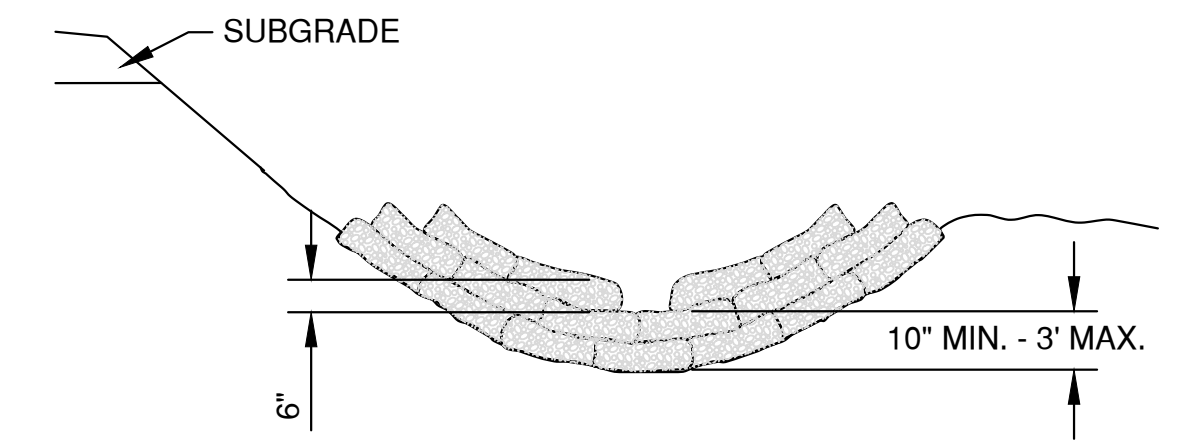
1. 18" X 30" ROCK FILLED FILTER BAG SHALL BE COMPRISED OF THE FOLLOWING:

HDPE HIGH DENSITY POLYETHYLENE  
HDPE HIGH DENSITY POLYETHYLENE DRAW STRING KNITTED DIRECTLY  
INTO BAG OPENING.  
80% FABRIC CLOSURE WITH APPARENT OPENING SIZE NO LARGER THAN  
1/8" X 1/8"  
ROLLED SEAM USING A MINIMUM OF 480 DENIER POLYESTER  
SEWING YARN FOR STRENGTH AND DURABILITY.

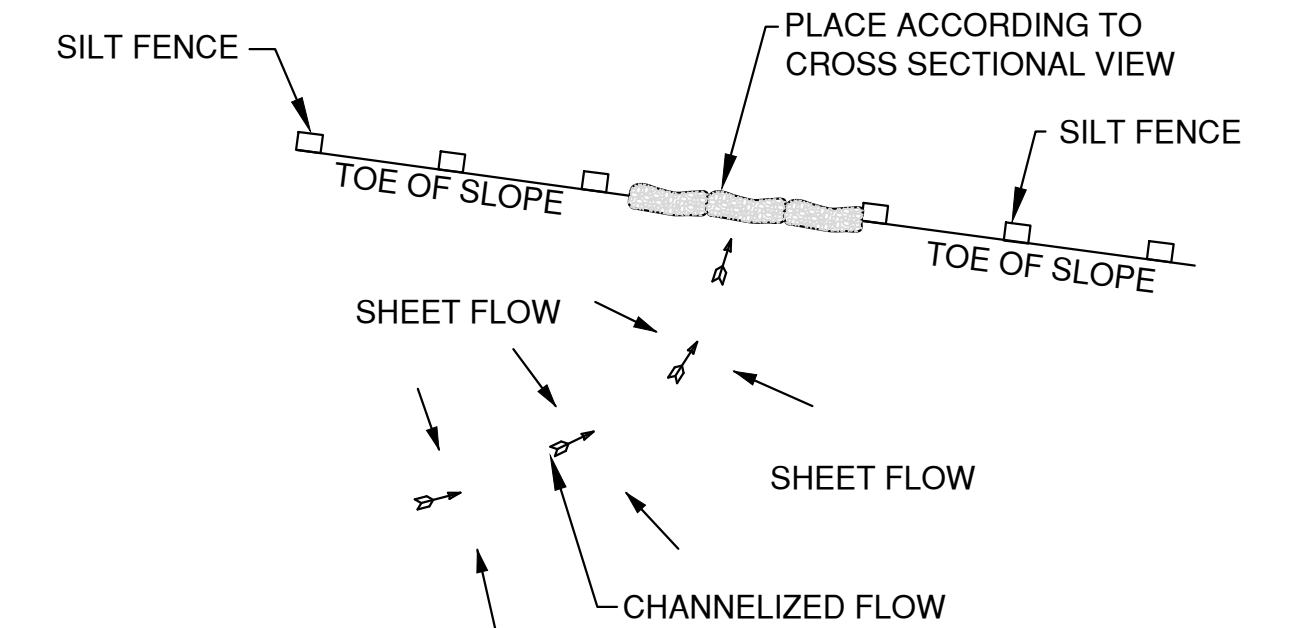
2. USE WELL GRADED COURSE AGGREGATE CONFORMING TO THE FOLLOWING GRADATION REQUIREMENTS

SIEVE SIZE	SIZE NO. AASHTO No. 67 (1)
2 INCH (50 mm)	-
1 1/2 INCH (37.5mm)	-
1 INCH (25.0 mm)	100
3/4 INCH (19.0mm)	90-100
3/8 INCH (9.5mm)	20-55
No. 4 (4.75mm)	0-10
No. 8 (2.36mm)	0-5

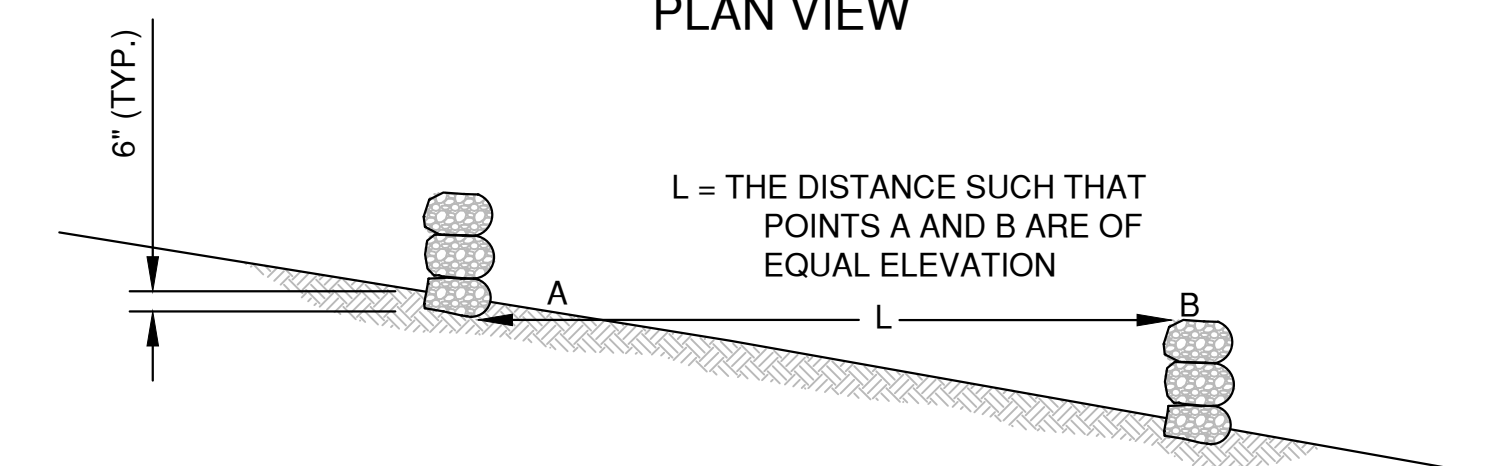
(1) SIZE No. ACCORDING TO AASHTO M 43



CROSS SECTIONAL VIEW



PLAN VIEW



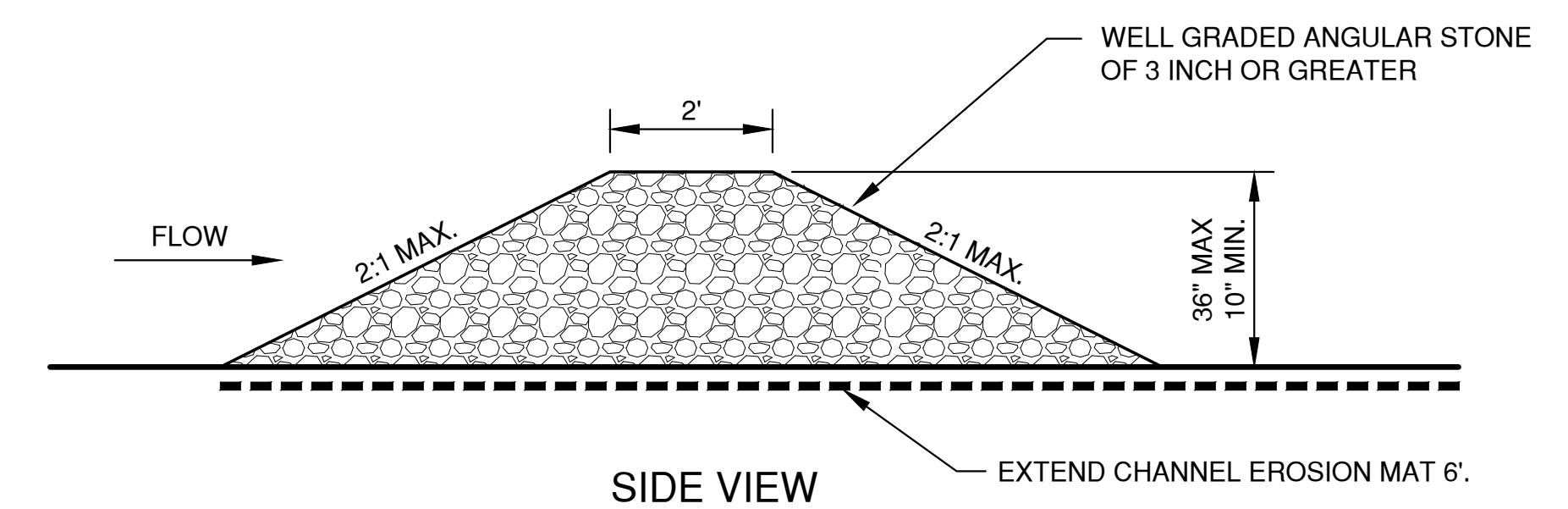
SIDE VIEW

### DITCH CHECK DETAIL

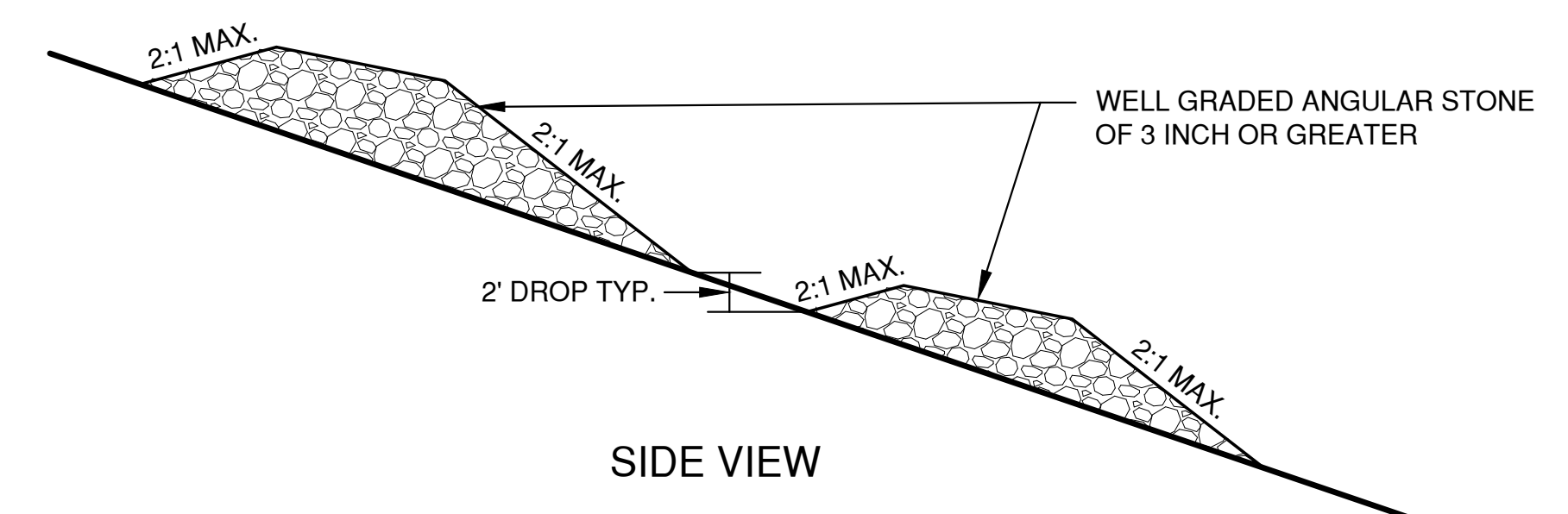
## ROCK FILLED EROSION CONTROL BAGS TYPE B

## DITCH CHECK GENERAL NOTES:

1. DITCH CHECKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WDNr TECHNICAL STANDARD 1062.
2. AT A MINIMUM, INSTALL ONE DITCH CHECK FOR EVERY 2 FEET OF VERTICAL DROP.
3. DITCH CHECKS SHALL BE PLACED SUCH THAT THE RESULTING PONDING WILL NOT CAUSE AN INCONVENIENCE OR DAMAGE TO ADJACENT AREAS.



SIDE VIEW



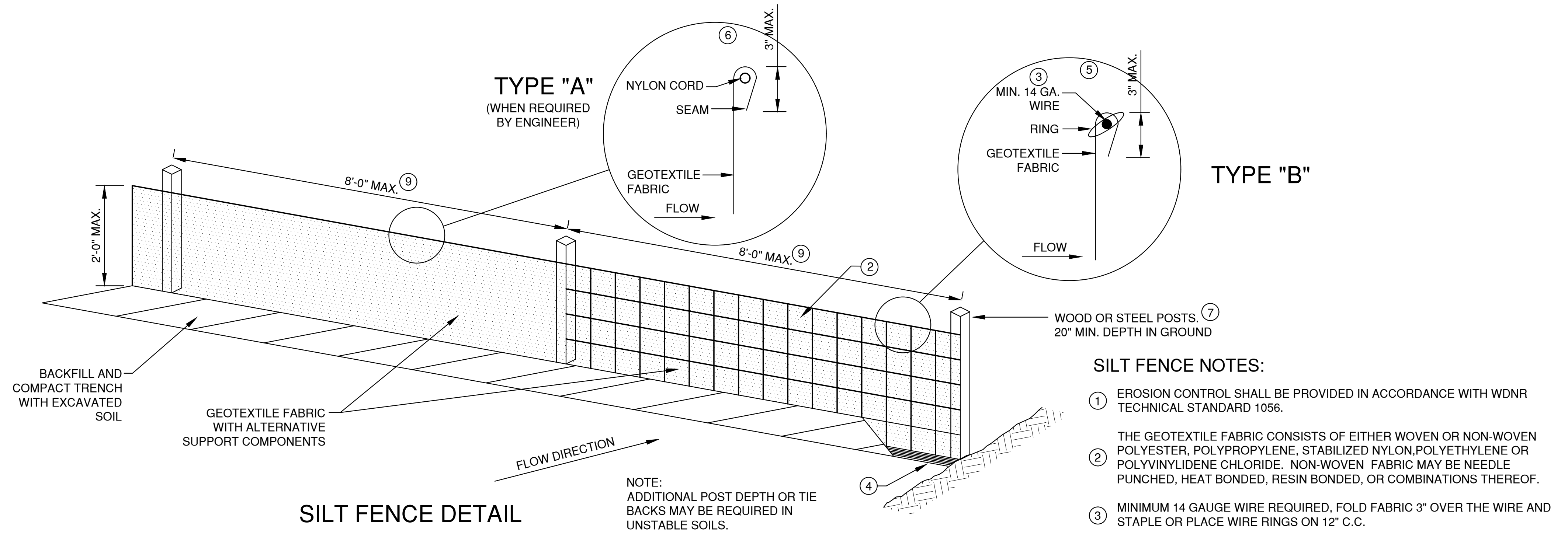
SIDE VIEW

### TEMPORARY DITCH CHECK USING STONE TYPE C

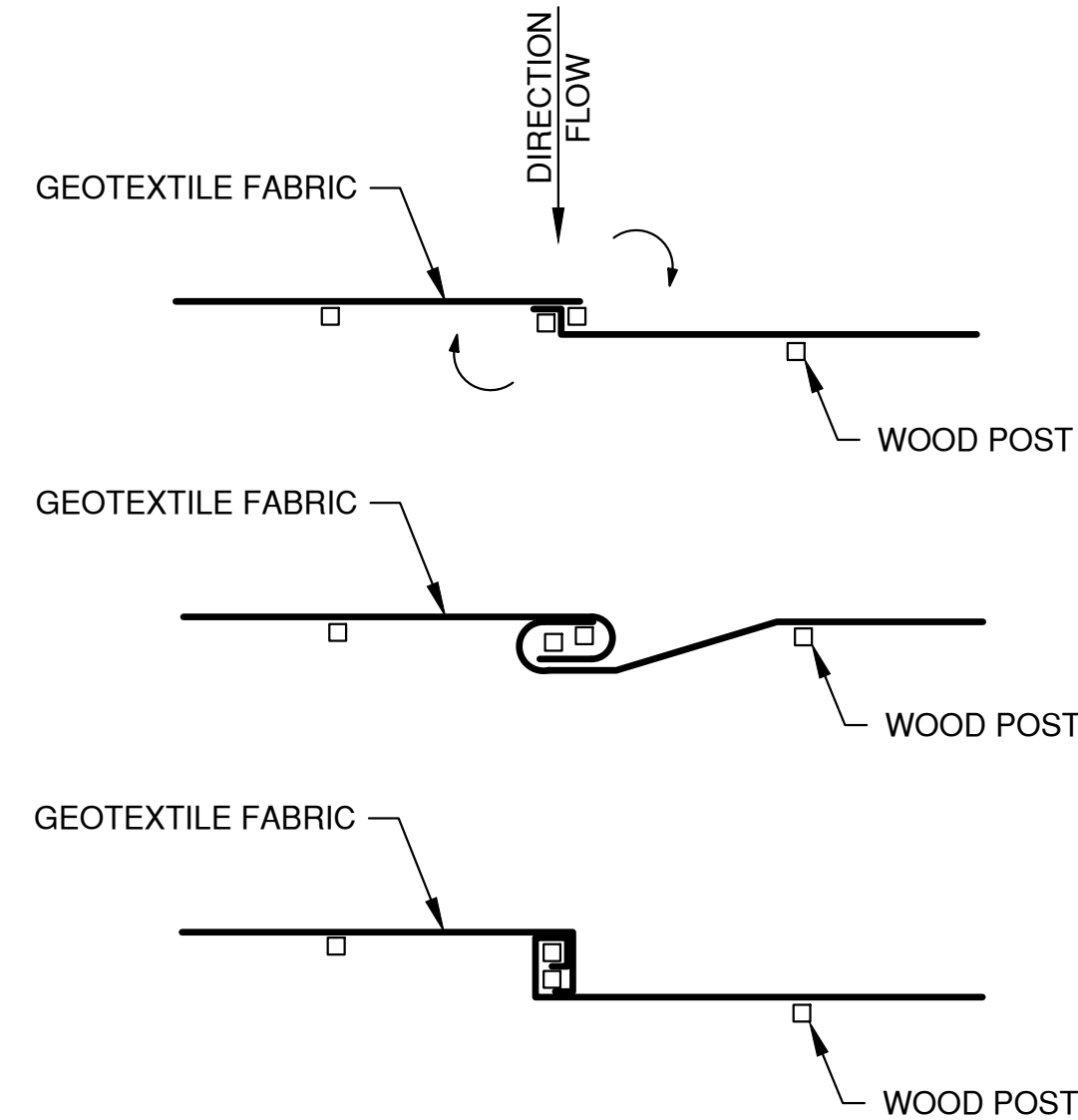
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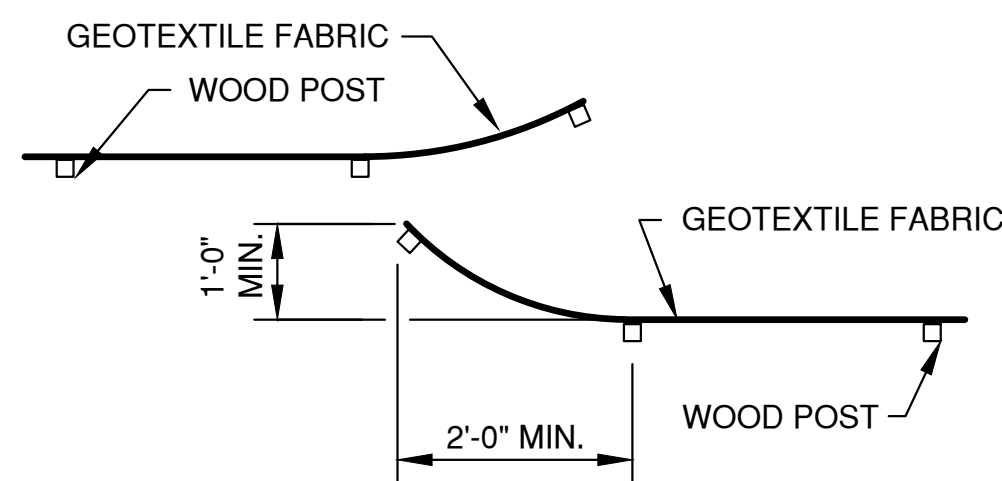
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LAYOUT: 4 SHEET FLOW



SILT FENCE DETAIL

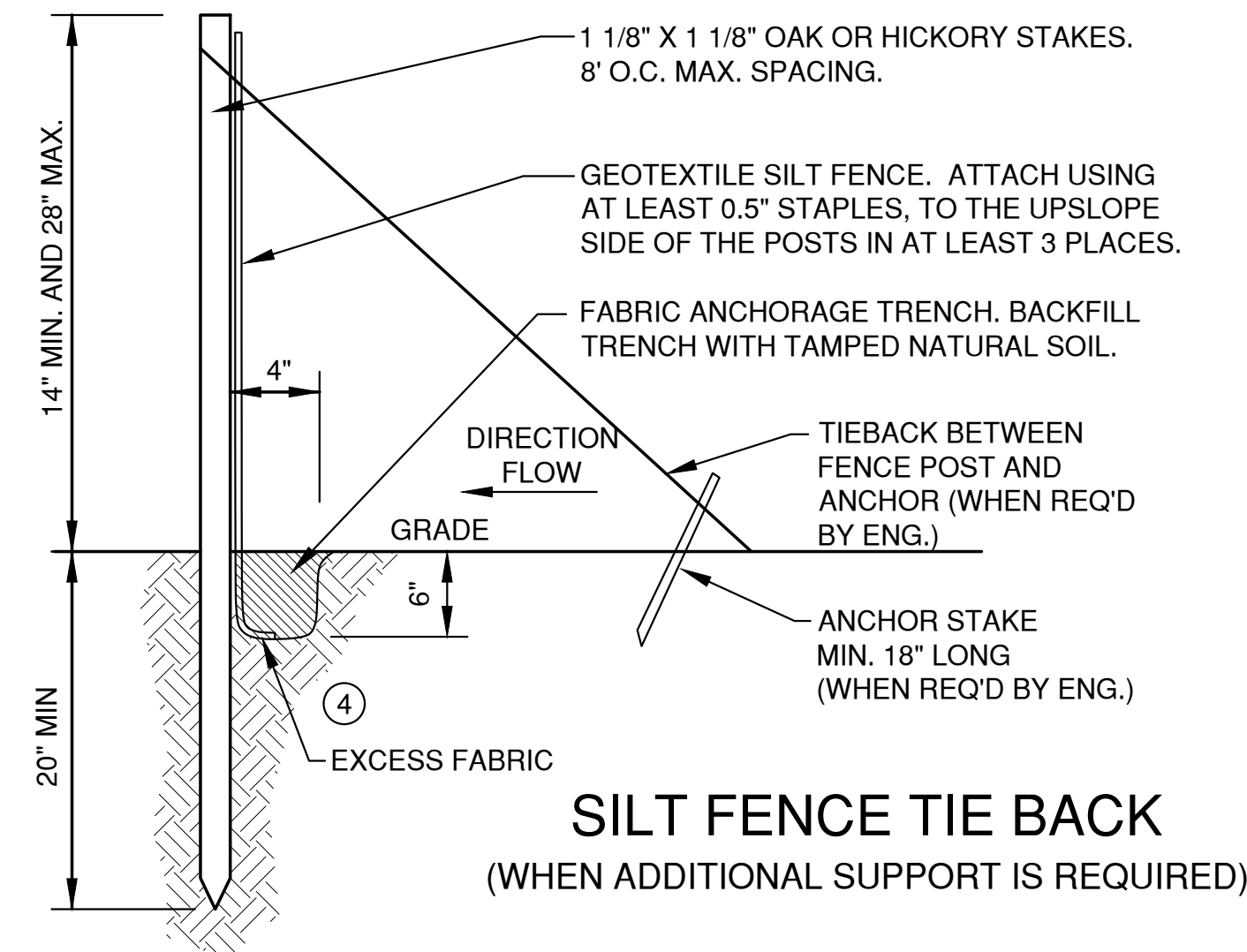


TWIST METHOD ⑧



HOOK METHOD ⑧


JOINING TWO LENGTHS OF SILT FENCE



SILT FENCE TIE BACK  
(WHEN ADDITIONAL SUPPORT IS REQUIRED)

EROSION CONTROL SHEET FLOW NOTES:

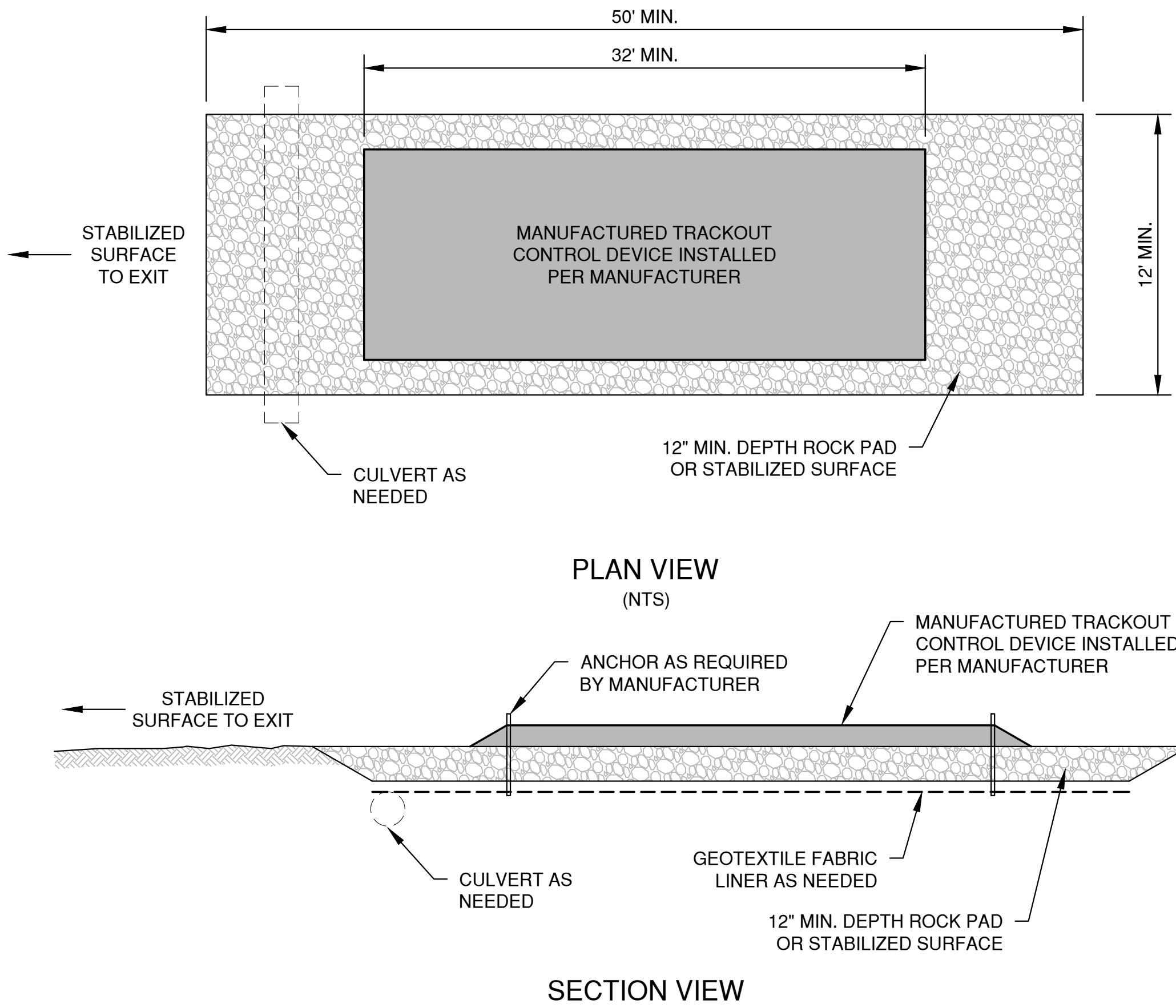
1. ANY SOIL STOCKPILED THAT REMAINS FOR MORE THAN 7 DAYS, SHALL BE COVERED OR TREATED WITH STABILIZATION PRACTICES SUCH AS TEMPORARY OR PERMANENT SEEDING AND MULCHING.
2. A MINIMUM OF 4" OF TOPSOIL MUST BE APPLIED TO ALL AREAS TO BE SEEDDED OR SODDED.
3. ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, WASTEWATER, TOXIC MATERIALS, OR HAZARDOUS MATERIALS) SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO BE CARRIED OFF-SITE BY RUNOFF OR WIND.
4. 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 DAY. **FLUSHING SHALL NOT BE ALLOWED.**
5. ANY SOIL EROSION THAT OCCURS AFTER FINAL GRADING AND/OR THE APPLICATION OF STABILIZATION MEASURES MUST BE REPAIRED AND THE STABILIZATION WORK REDONE.
6. FOR ANY DISTURBED AREA THAT REMAINS INACTIVE FOR GREATER THAN 7 WORKING DAYS, OR WHERE GRADING WORK EXTENDS BEYOND THE PERMANENT SEEDING DEADLINES, THE SITE MUST BE TREATED WITH TEMPORARY STABILIZATION MEASURES SUCH AS SOIL TREATMENT, TEMPORARY SEEDING AND/OR MULCHING.
7. ALL TEMPORARY EROSION CONTROL PRACTICES SHALL BE MAINTAINED UNTIL THE SITE IS STABILIZED WITH 70% VEGETATION AND A NOTICE OF TERMINATION HAS BEEN APPROVED BY THE WDNR.
8. WIND EROSION SHALL BE KEPT TO A MINIMUM DURING CONSTRUCTION. WATERING, MULCH OR A TACKING AGENT MAY NEED TO BE UTILIZED TO PROTECT NEARBY RESIDENCES/WATER RESOURCES.
9. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL THE EROSION CONTROL MEASURES IN CONFORMANCE WITH THE WDNR CONSERVATION PRACTICE STANDARDS LATEST EDITION.
10. UPON COMPLETION OF STORM INLET CONSTRUCTION, INSTALL STORM DRAIN INLET PROTECTION FOR CONSTRUCTION SITE AS SPECIFIED.
11. FINE SEDIMENT ACCUMULATIONS SHALL BE CLEANED FROM STREETS, PRIVATE DRIVES, OR PARKING AREAS BY MANUAL OR MECHANICAL SWEEPING A MINIMUM OF ONCE A WEEK AND BEFORE ALL IMMINENT RAINS
12. EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE INSPECTED WEEKLY AND WITHIN 24 HOURS OF RAINFALL OF 0.5" OR MORE.

NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION	DRAWN KDC	SITE DEVELOPMENT OF ATCAM FOR BAYLAND BUILDINGS, INC. VILLAGE OF LITTLE CHUTE OUTAGAMIE COUNTY, WISCONSIN	EROSION CONTROL SHEET FLOW DETAILS	DATE 08/2023	 Robert E. Lee & Associates, Inc. 1250 Centennial Centre Blvd   Hobart, WI   920-662-9641   releinc.com	SHEET NO.
								CHECKED			FILE 2035495EC		10
								DESIGNED JGS			JOB NO. 2035495		



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Plot Date: Sep 11, 2023 1:35pm  
LAYOUT: 5 TRACKOUT

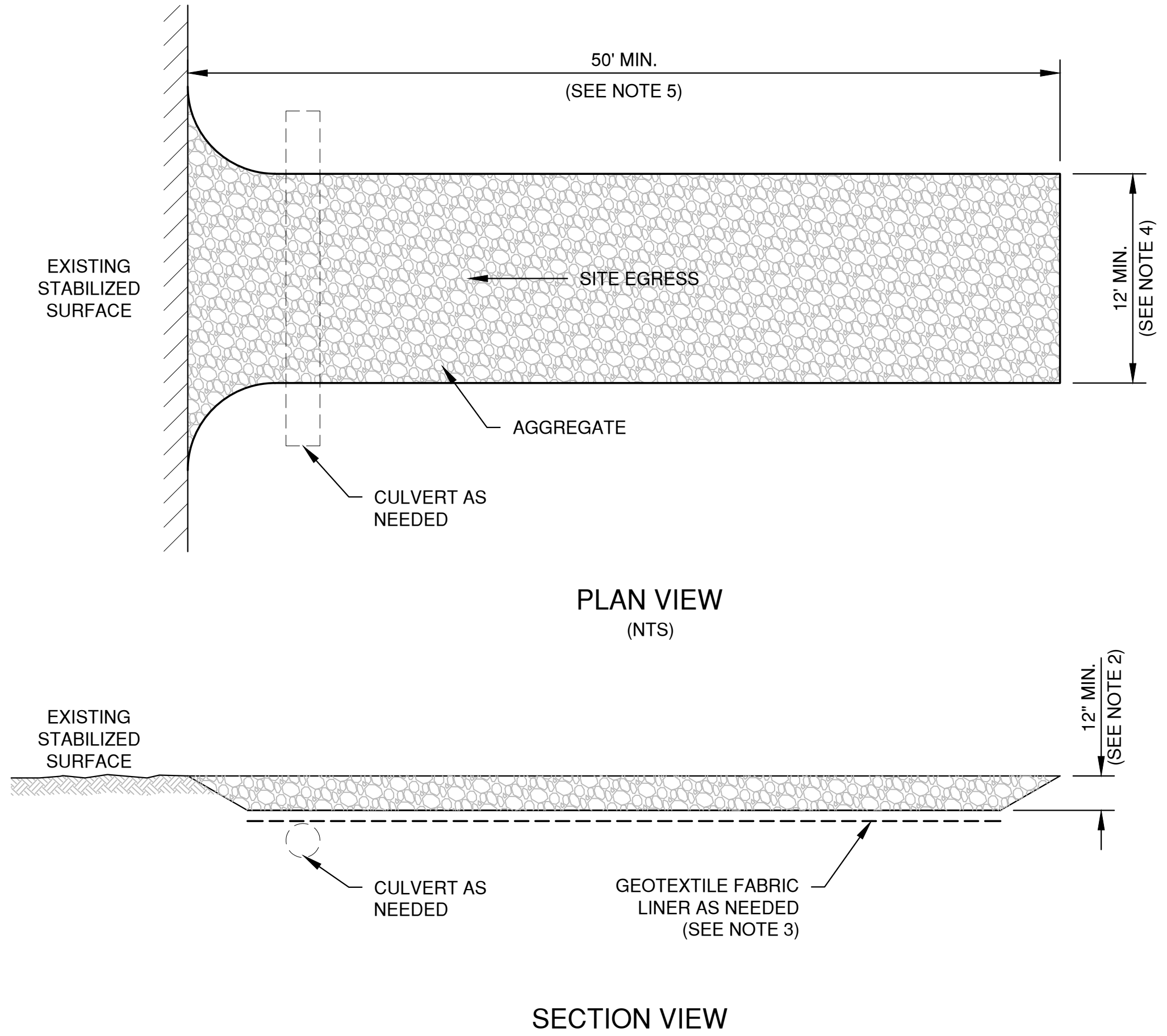
\* TRACKOUT CONTROL TO BE PROVIDED PER DETAILS BELOW AND IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1057



NOTES:

1. THIS DETAIL IS PROVIDED AS AN EXAMPLE. COMPLY WITH MANUFACTURER'S SPECIFICATIONS WHILE ALSO MEETING THE MINIMUM MANUFACTURED TRACKING PAD LENGTH AND WIDTH DESCRIBED IN THIS TECHNICAL STANDARD.
2. INSTALL SUCH THAT RUNOFF FLOWS TO AN APPROVED TREATMENT PRACTICE.
3. A THINNER STONE LAYER OR OTHER STABLE SURFACE MAY BE ACCEPTABLE SUCH THAT RUTTING IS MINIMIZED AS VEHICLES MOUNT OR DISMOUNT FROM THE MANUFACTURERS TRACKOUT CONTROL DEVICE.
4. SELECT FABRIC TYPE BASED ON SOIL CONDITIONS AND VEHICLES LOADING.
5. DIRECT ALL EXISTING VEHICLES OVER MANUFACTURED TRACKOUT CONTROL DEVICE. STONE TRACKING PAD INSTALLATION ACROSS REMAINING ACCESS WIDTH IS RECOMMENDED. A 12' MINIMUM CAN BE USED WHEN EXITING TRAFFIC IS RESTRICTED TO A DEDICATED EGRESS LANE.
6. IF MINIMUM INSTALLATION LENGTH IS NOT POSSIBLE DUE TO SITE GEOMETRY, INSTALL THE MAXIMUM LENGTH PRACTICABLE AND SUPPLEMENT WITH ADDITIONAL PRACTICES AS NEEDED.
7. ACCOMMODATE EXITING VEHICLES IN EXCESS OF MANUFACTURED TRACKOUT CONTROL DEVICE WEIGHT CAPACITY WITH OTHER TREATMENT PRACTICES.

MANUFACTURED TRACKOUT CONTROL DETAIL



NOTES:

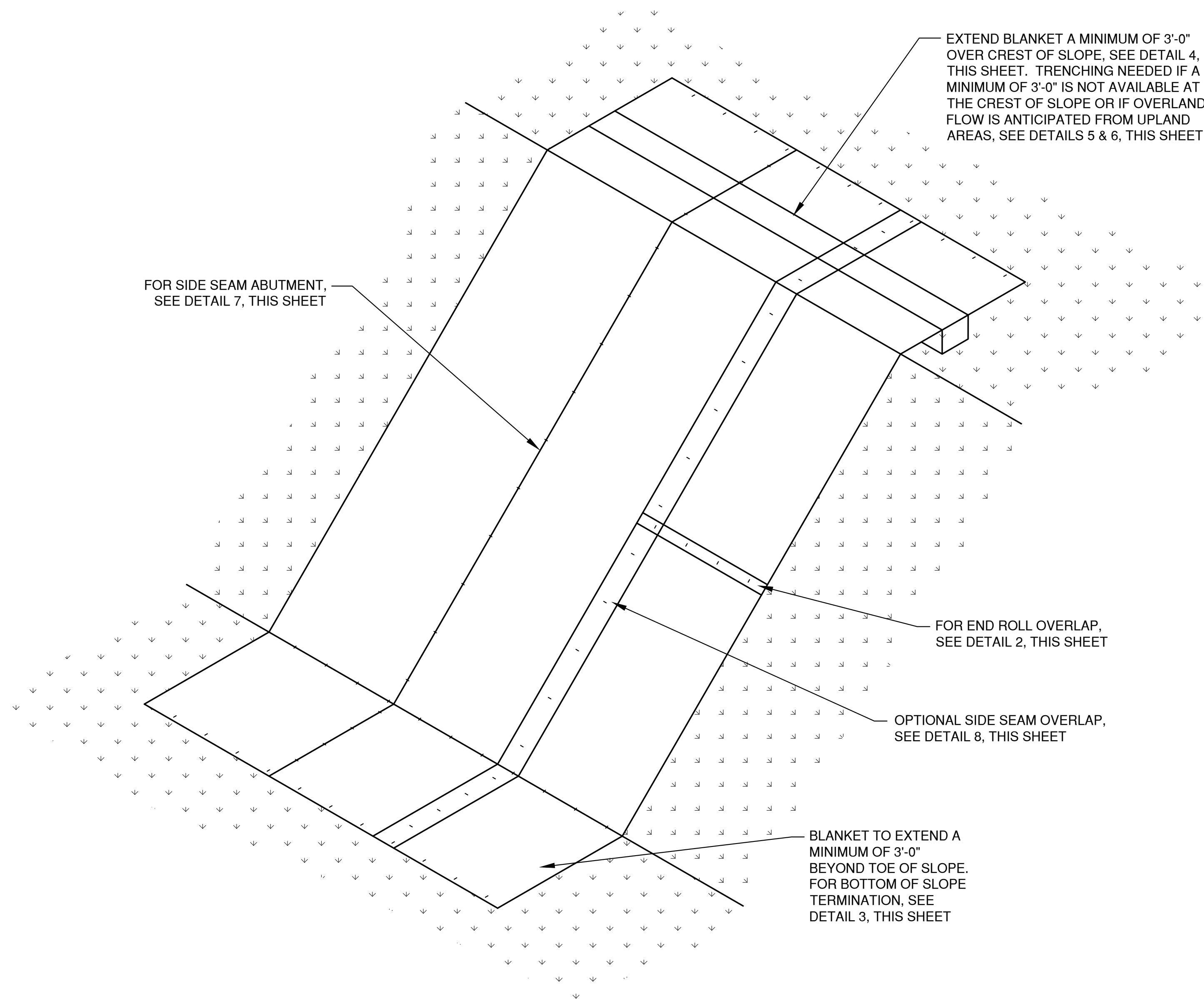
1. USE HARD, DURABLE, ANGULAR STONE OR RECYCLED CONCRETE, MEETING THE FOLLOWING GRADATION:

SIEVE SIZE:	PERCENT BY WEIGHT PASSING:
3"	100
2 1/2"	90-100
1 1/2"	25-60
3/4"	0-20
3/8"	0-5
2. SLOPE THE STONE TRACKING PAD IN A MANNER TO DIRECT RUNOFF TO AN APPROVED TREATMENT PRACTICE.
3. SELECT FABRIC TYPE BASED ON SOIL CONDITIONS AND VEHICLES LOADING.
4. INSTALL TRACKING PAD ACROSS FULL WIDTH OF THE ACCESS POINT, OR RESTRICT EXISTING TRAFFIC TO A DEDICATED EGRESS LANE AT LEAST 12 FEET WIDE ACROSS THE TOP OF THE PAD.
5. IF A 50' PAD LENGTH IS NOT POSSIBLE DUE TO SITE GEOMETRY, INSTALL THE MAXIMUM LENGTH PRACTICABLE AND SUPPLEMENT WITH ADDITIONAL PRACTICES AS NEEDED.

STONE TRACKING PAD DETAIL



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Plot Date: Sep 11, 2023 11:35am  
LAYOUT: 4 - SLOPE DETAIL



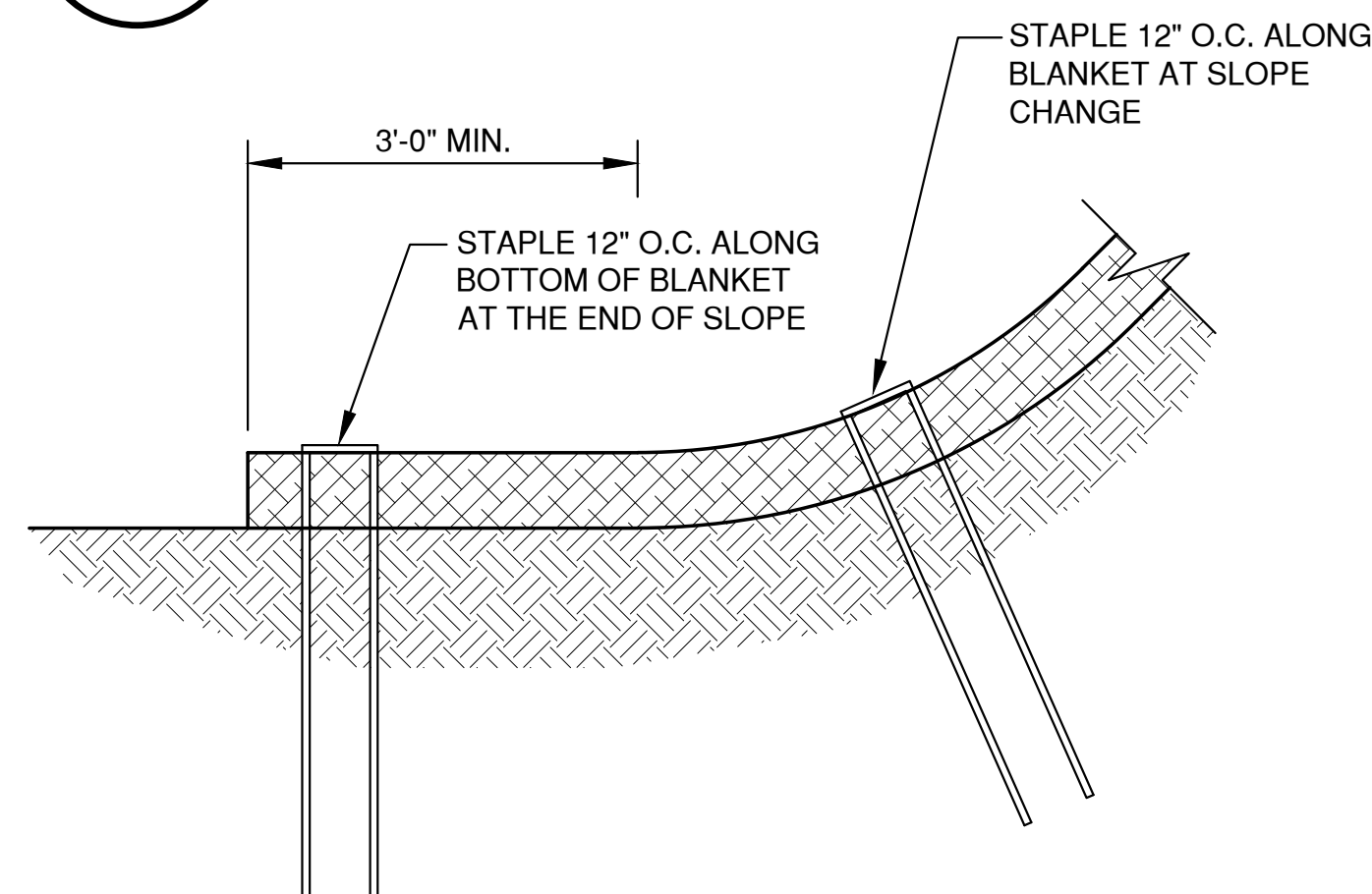
SLOPE DETAIL

1  
XX

END SEAM OF BLANKETS OVERLAP 2"-4".  
PLACE STAPLES, ONE ON EACH CORNER OF  
BLANKET, 12" O.C. ALONG BLANKET END  
THROUGH BOTH BLANKETS. UPSLOPE BLANKET  
LAPS OVER DOWNSLOPE BLANKETS IN A SHINGLE AFFECT.

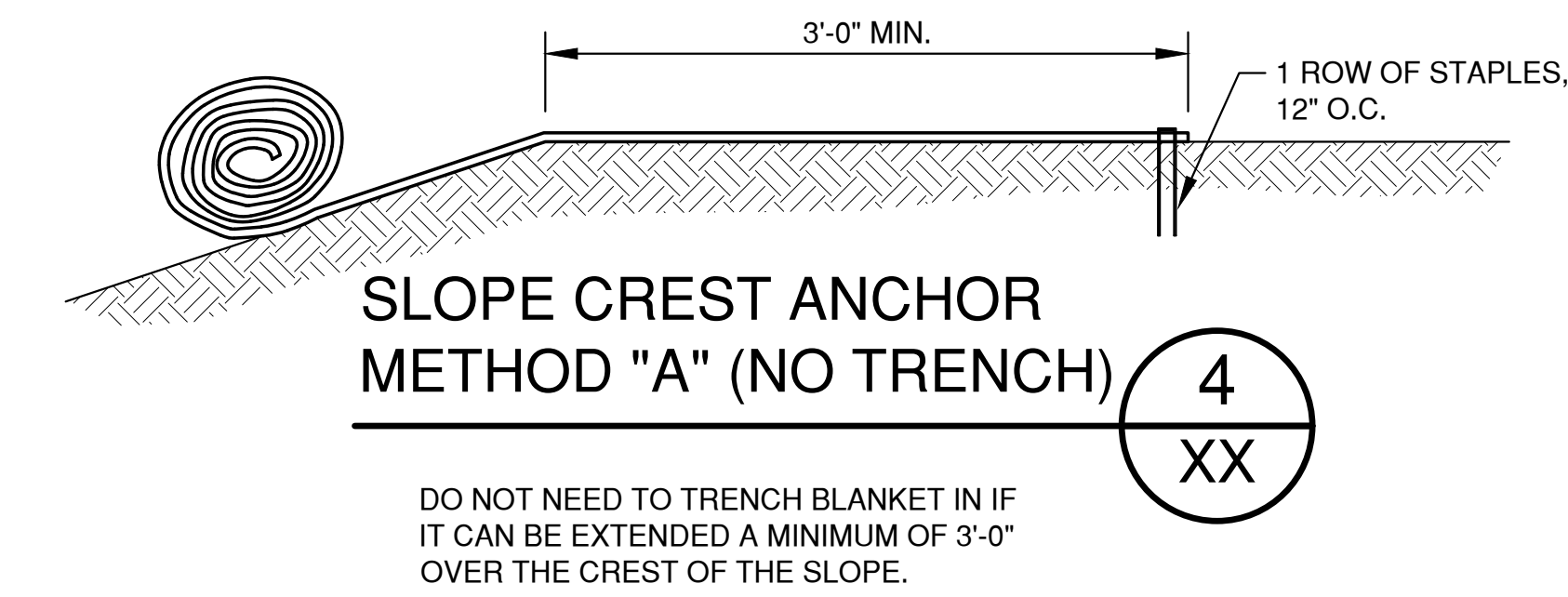
END ROLL OVERLAP

2  
XX



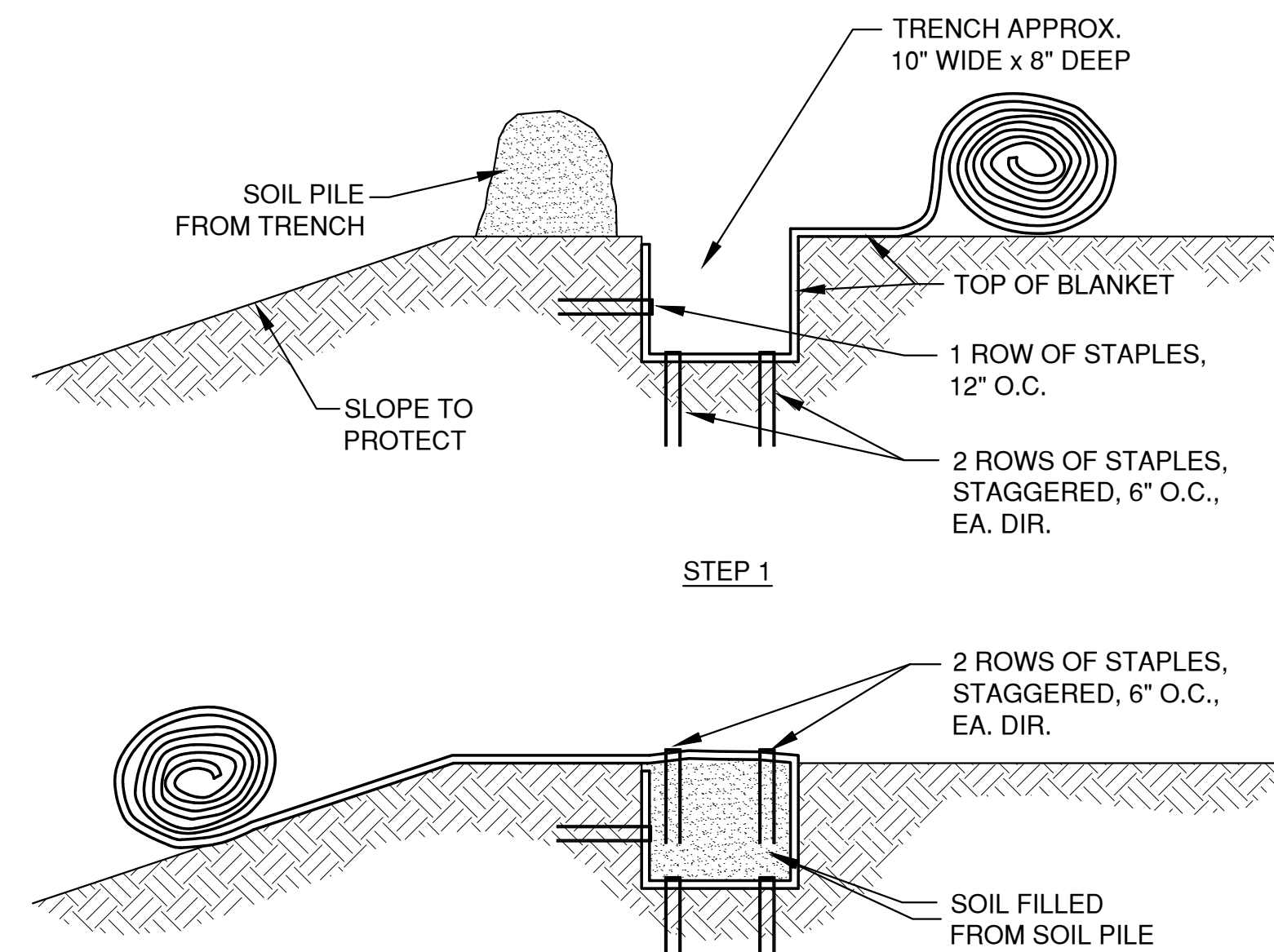
BOTTOM OF SLOPE  
TERMINATION

3  
XX



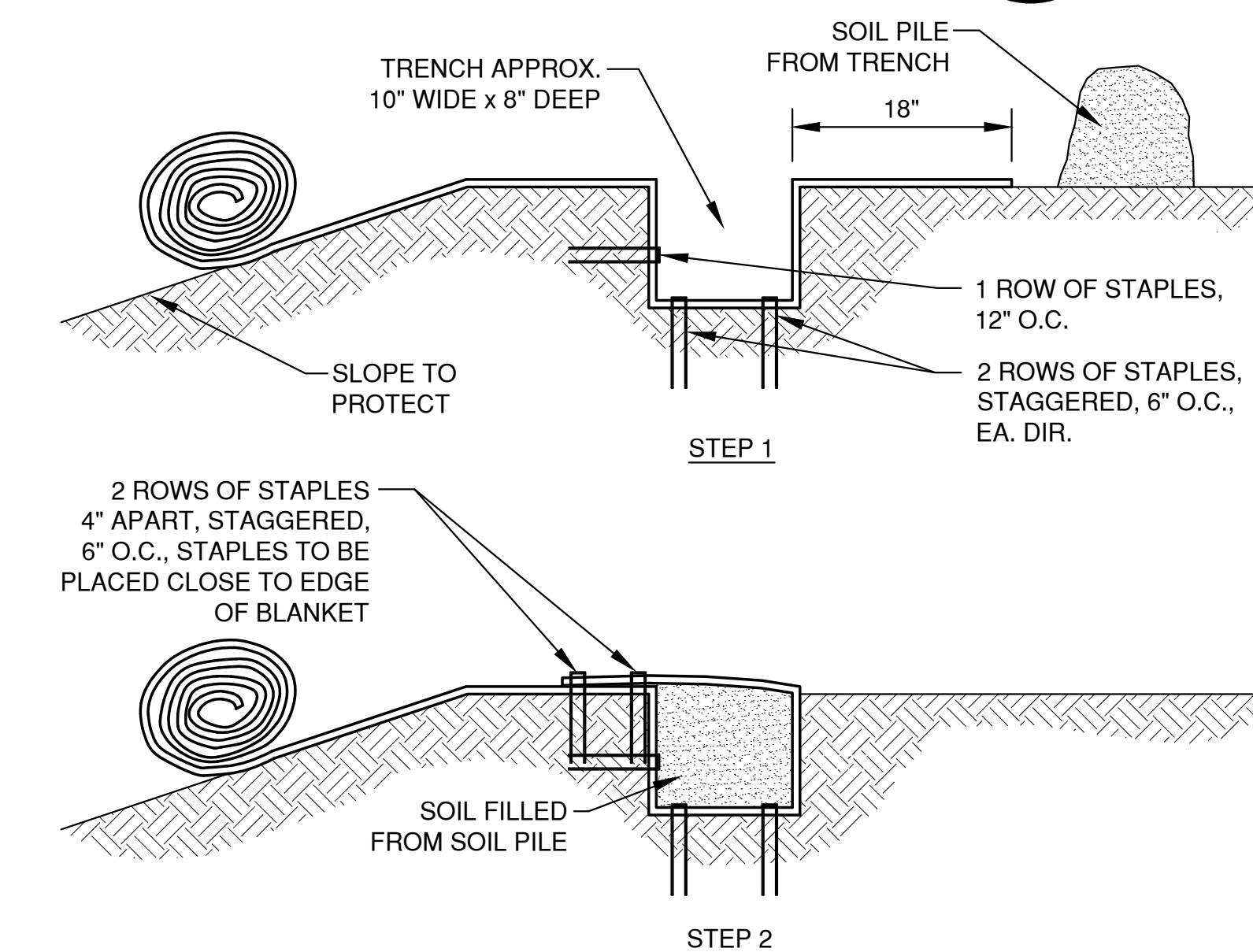
SLOPE CREST ANCHOR  
METHOD "A" (NO TRENCH)

4  
XX



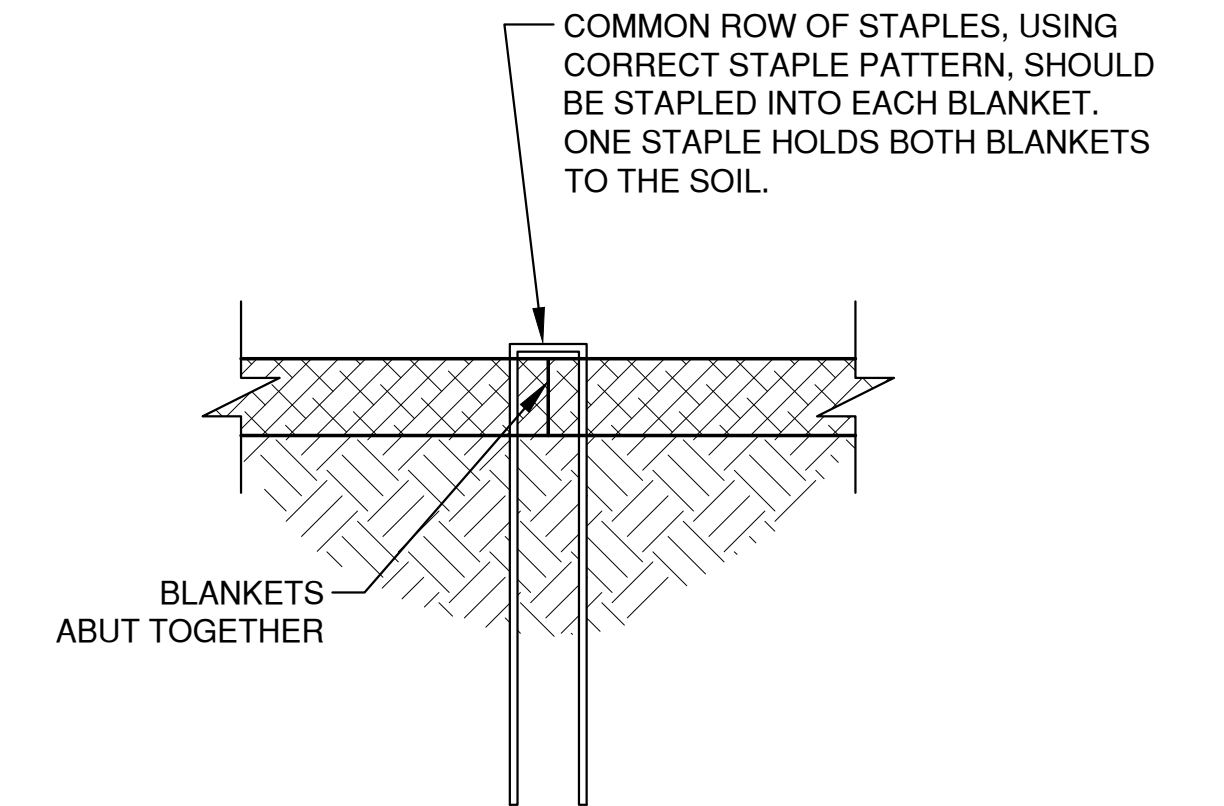
SLOPE TRENCHING  
METHOD "B"

5  
XX



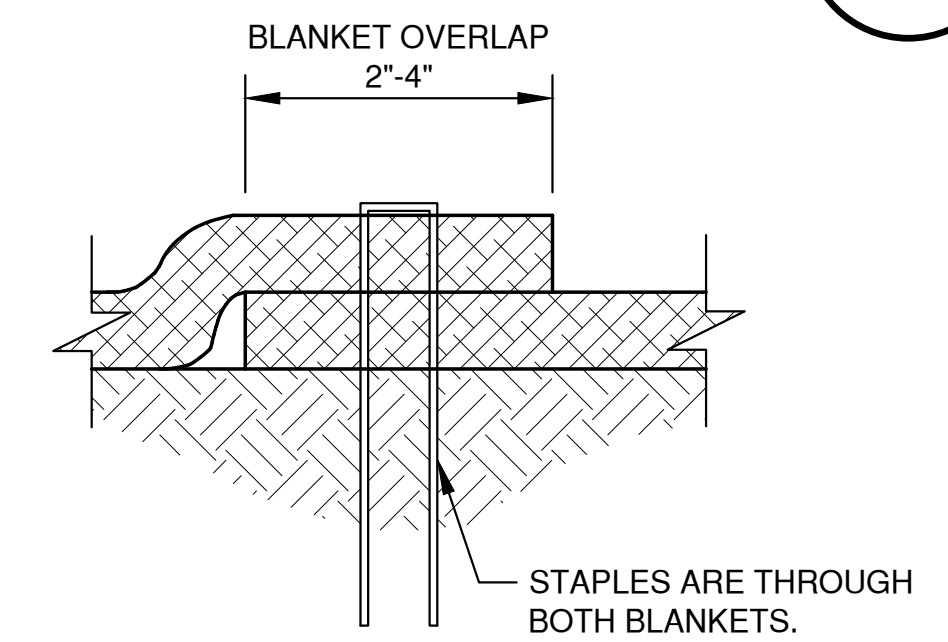
SLOPE TRENCHING  
METHOD "C"

6  
XX



SIDE SEAM ABUT  
STAPLE DETAIL

7  
XX



SIDE SEAM OVERLAP  
STAPLE DETAIL

8  
XX

NOTES:  
1. STAPLE PATTERNS ARE DEPENDENT ON SITE CONDITIONS.  
SEE MANUFACTURER STAPLE PATTERN GUIDE FOR DETAILS.

NO.	DATE	APPROV.	REVISION	NO.	DATE	APPROV.	REVISION	DRAWN KDC
								CHECKED
								DESIGNED JGS

SITE DEVELOPMENT OF ATCAM  
FOR BAYLAND BUILDINGS, INC.  
VILLAGE OF LITTLE CHUTE  
OUTAGAMIE COUNTY, WISCONSIN

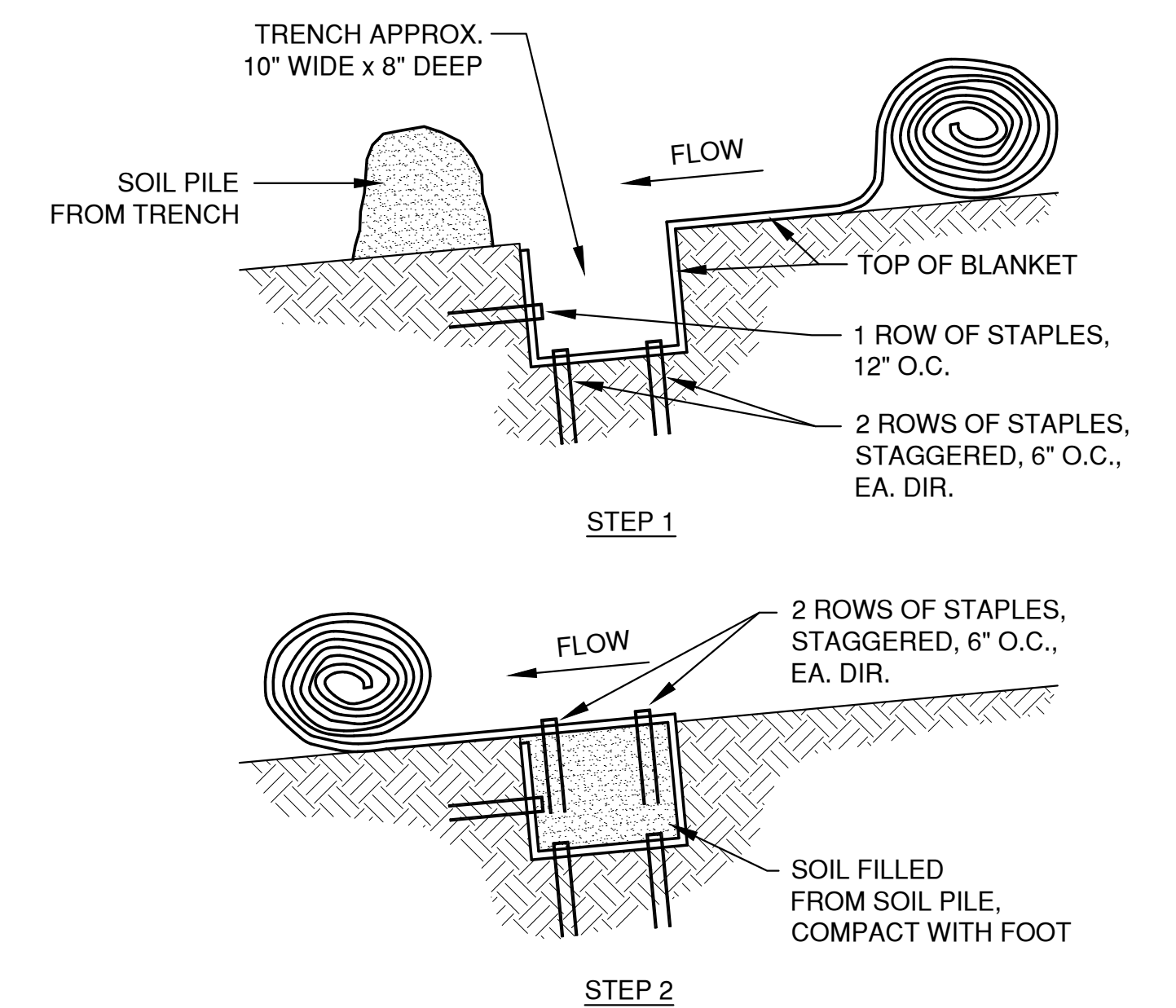
EROSION CONTROL  
EROSION MAT  
SLOPE APPLICATION DETAILS

DATE 08/2023
FILE 2035495EC
JOB NO. 2035495

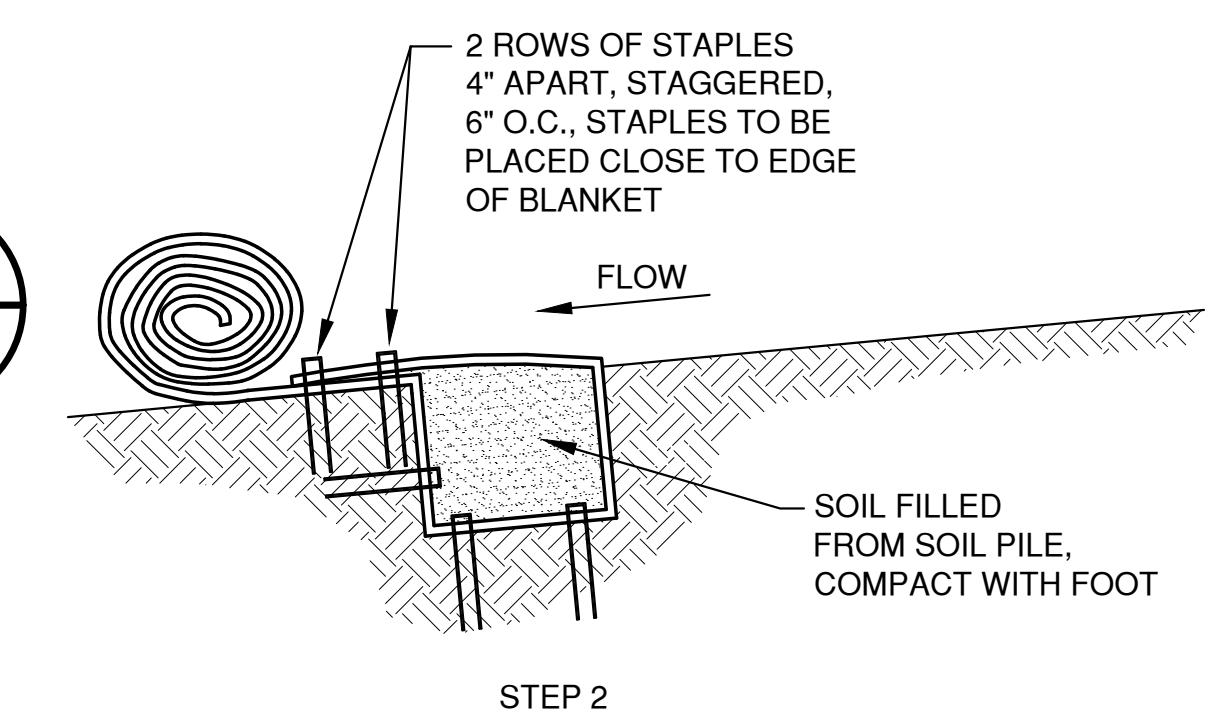
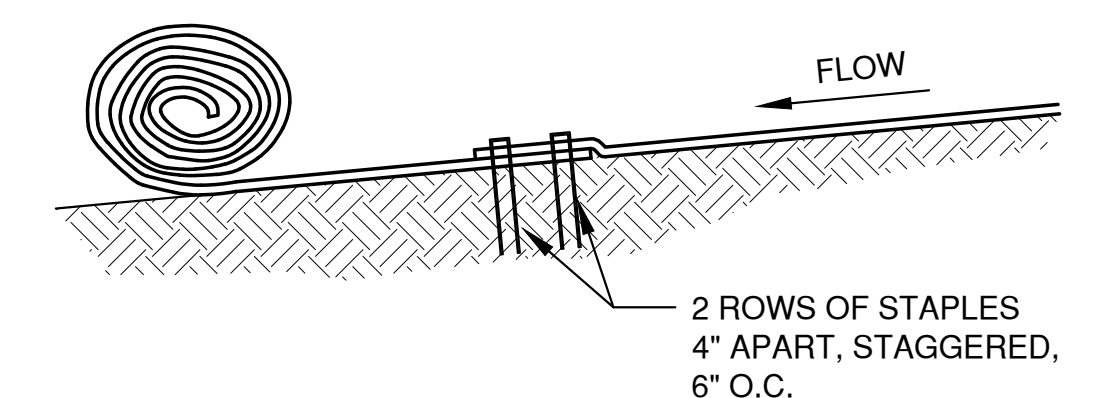
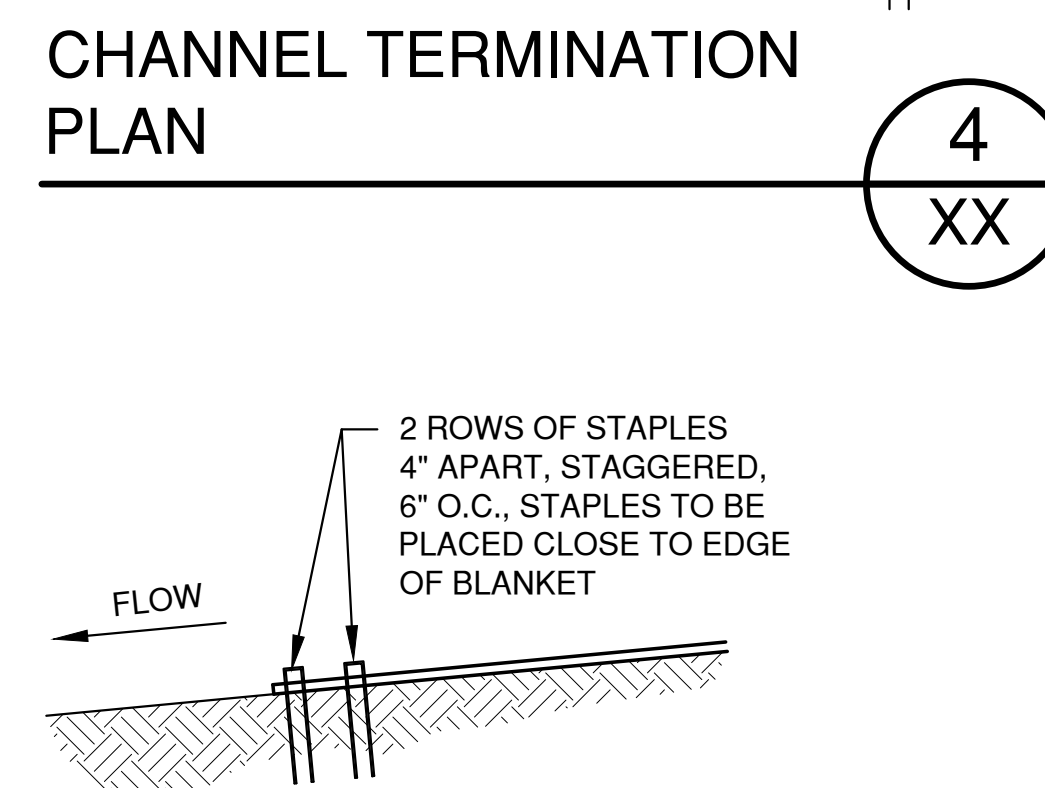
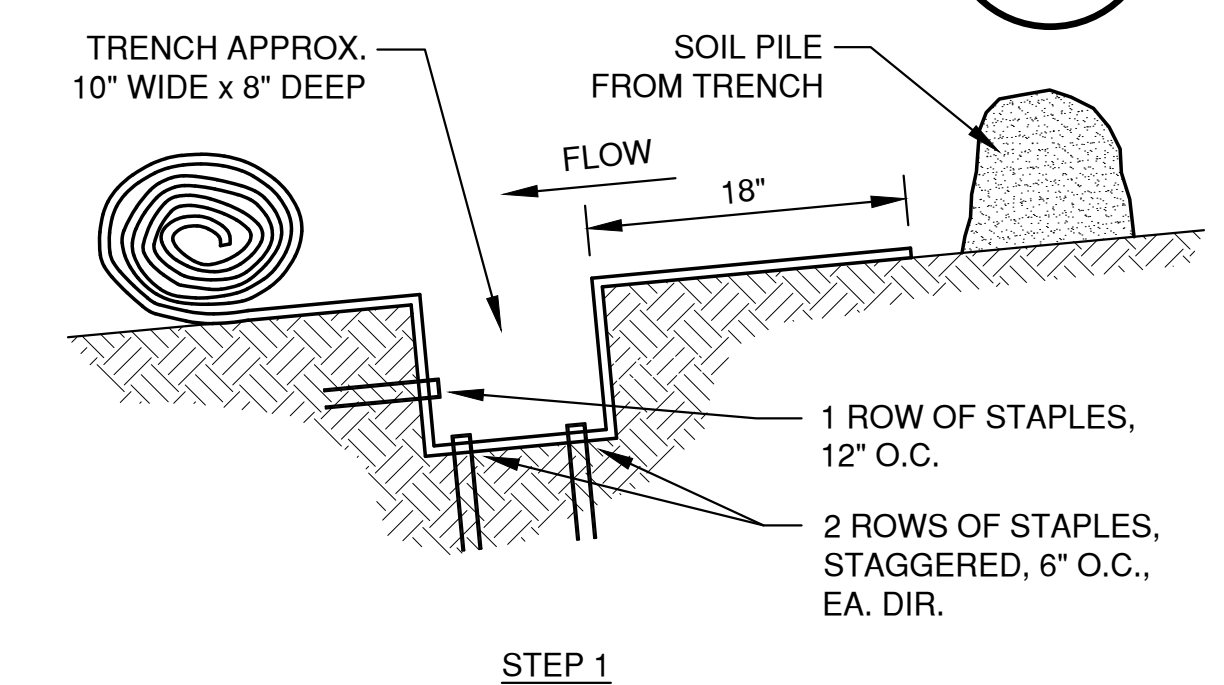
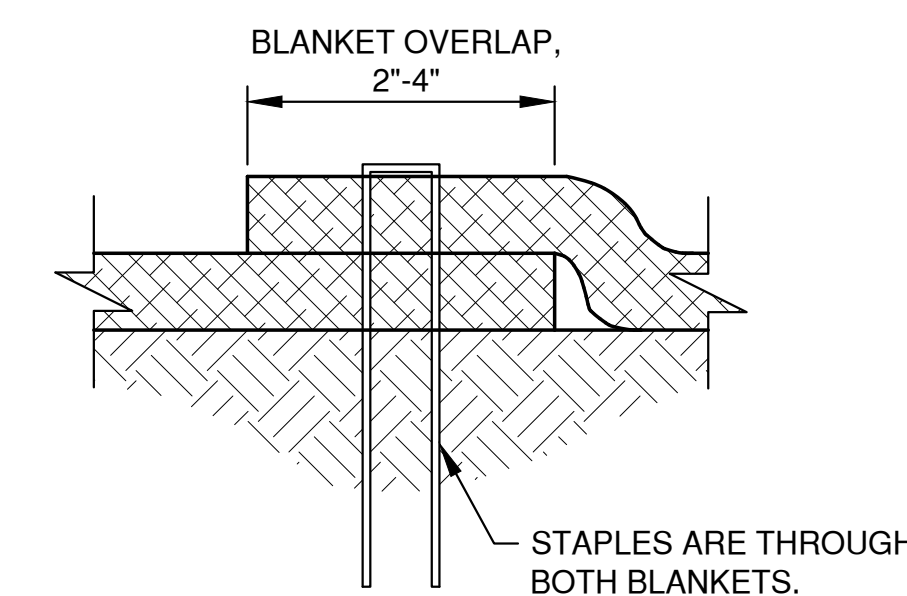
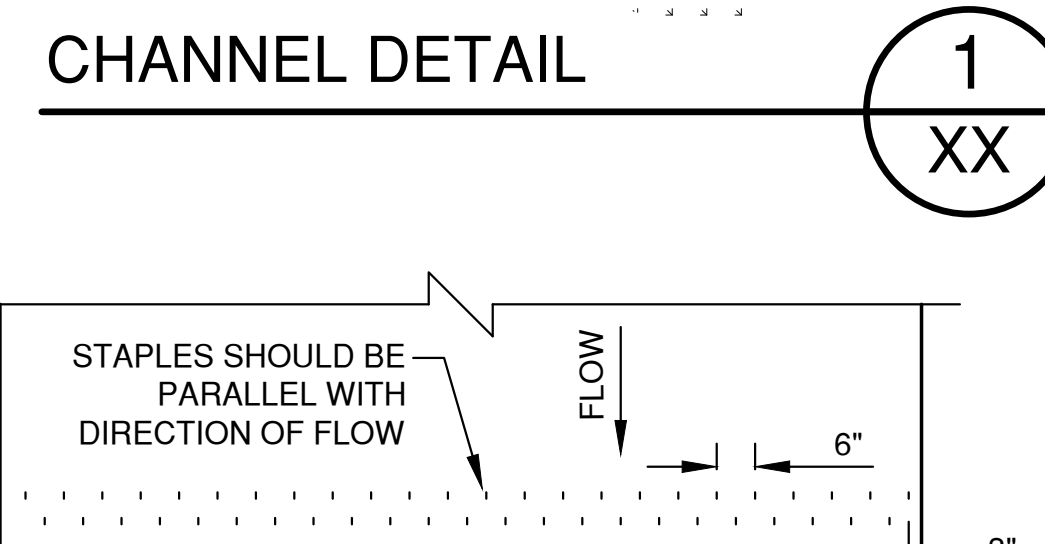
**REL** Robert E. Lee  
& Associates, Inc.  
1250 Centennial Centre Blvd | Hobart, WI | 920-662-9641 | releinc.com

SHEET NO.  
12





1. SEE MANUFACTURER SLOPE APPLICATION DETAIL SHEET FOR PROPER SLOPE INSTALLATION.
2. STAPLE PATTERNS ARE DEPENDENT ON SITE CONDITIONS. SEE MANUFACTURER STAPLE PATTERN GUIDE FOR DETAILS.

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