

INSTALLATION NOTES:

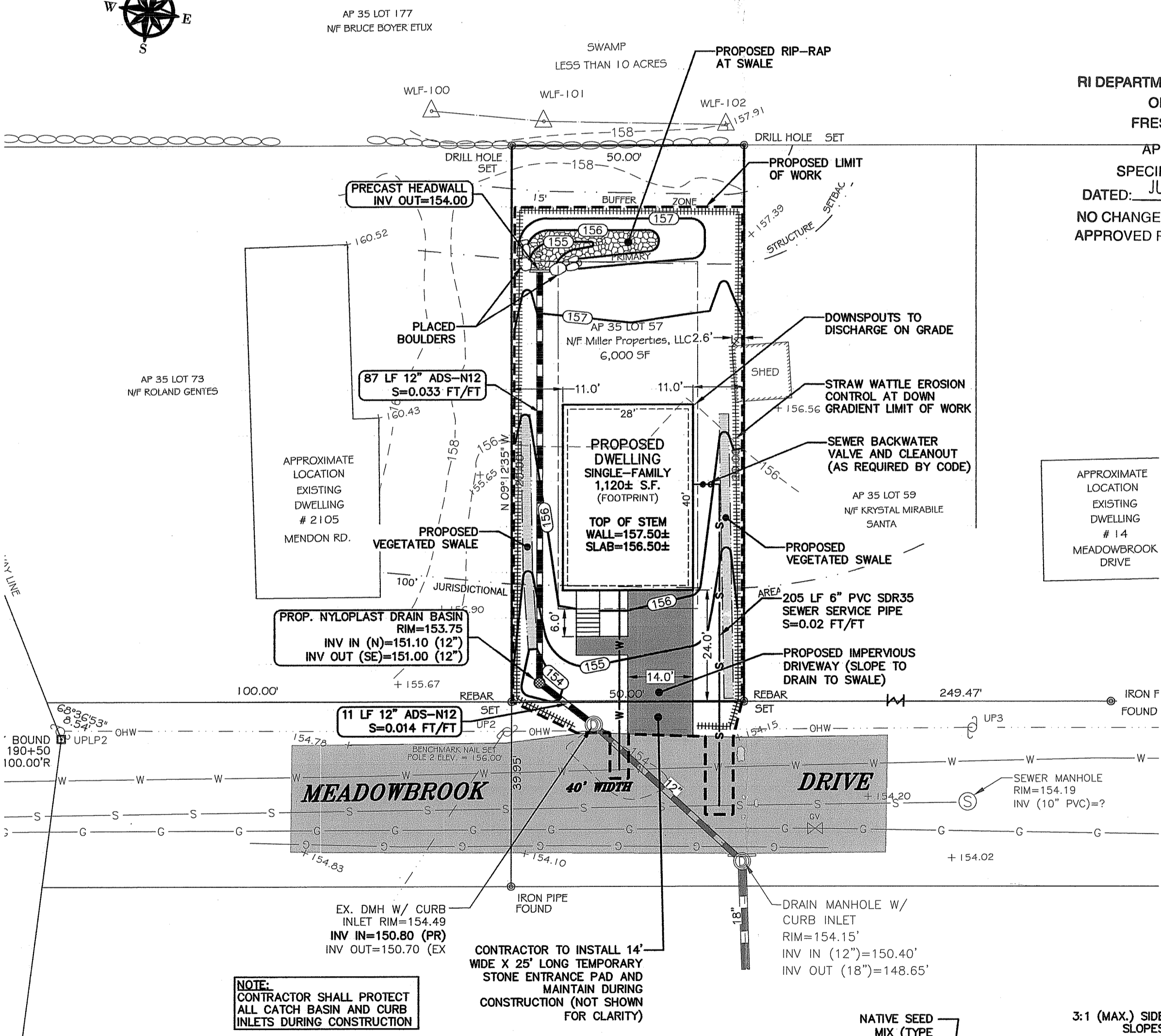
- BEGIN AT THE LOCATION WHERE THE WATTLE IS TO BE INSTALLED BY EXCAVATING A 2-3" DEEP X 8" WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHOULD BE PLACED UP-SLOPE FROM THE ANCHOR TRENCH.
- PLACE THE WATTLE IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT THE SOIL FROM THE EXCAVATED TRENCH AGAINST THE WATTLE ON THE UPHILL SIDE. ADJACENT WATTLES SHOULD TIGHTLY ADJUT.
- SECURE THE WATTLE WITH 18" x 24" STAKES EVERY 3' - 4' WITH A STAKE ON EACH END. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE WATTLES LEAVING AT LEAST 2" - 3" OF STAKE EXTENDING ABOVE. THE WATTLE STAKES SHOULD BE DRIVEN PERPENDICULAR TO SLOPE FACE.

Straw Wattle Erosion Control

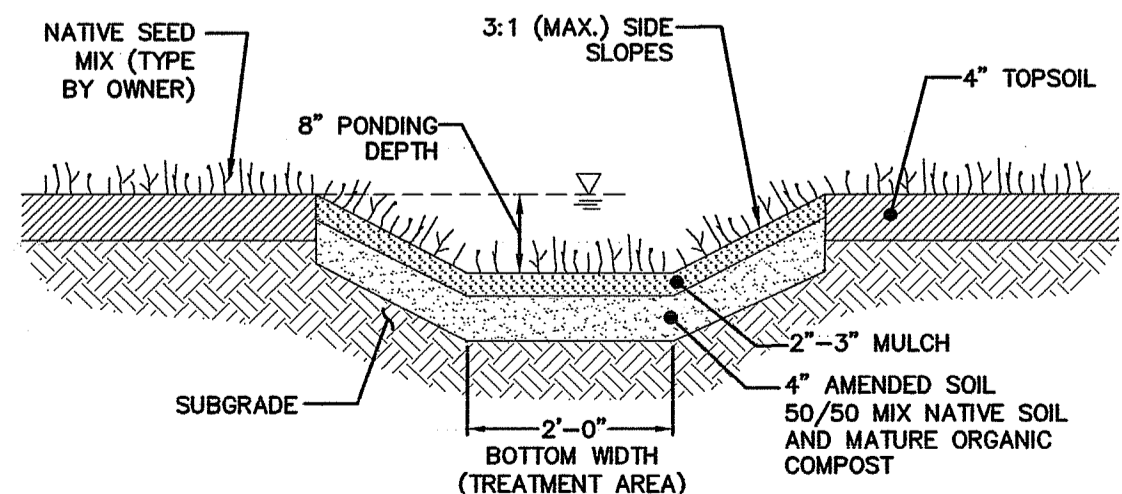
NOT TO SCALE

TEMPORARY STORMWATER CONTROL

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT EROSION CONTROLS SHOWN ON THIS PLAN ARE MINIMUM REQUIRED BASED ON THE FINAL GRADING CONDITIONS. DURING CONSTRUCTION ADDITIONAL CONTROLS MAY BE REQUIRED DUE TO TEMPORARY GRADING AND/OR EXCESSIVE RAIN EVENTS.

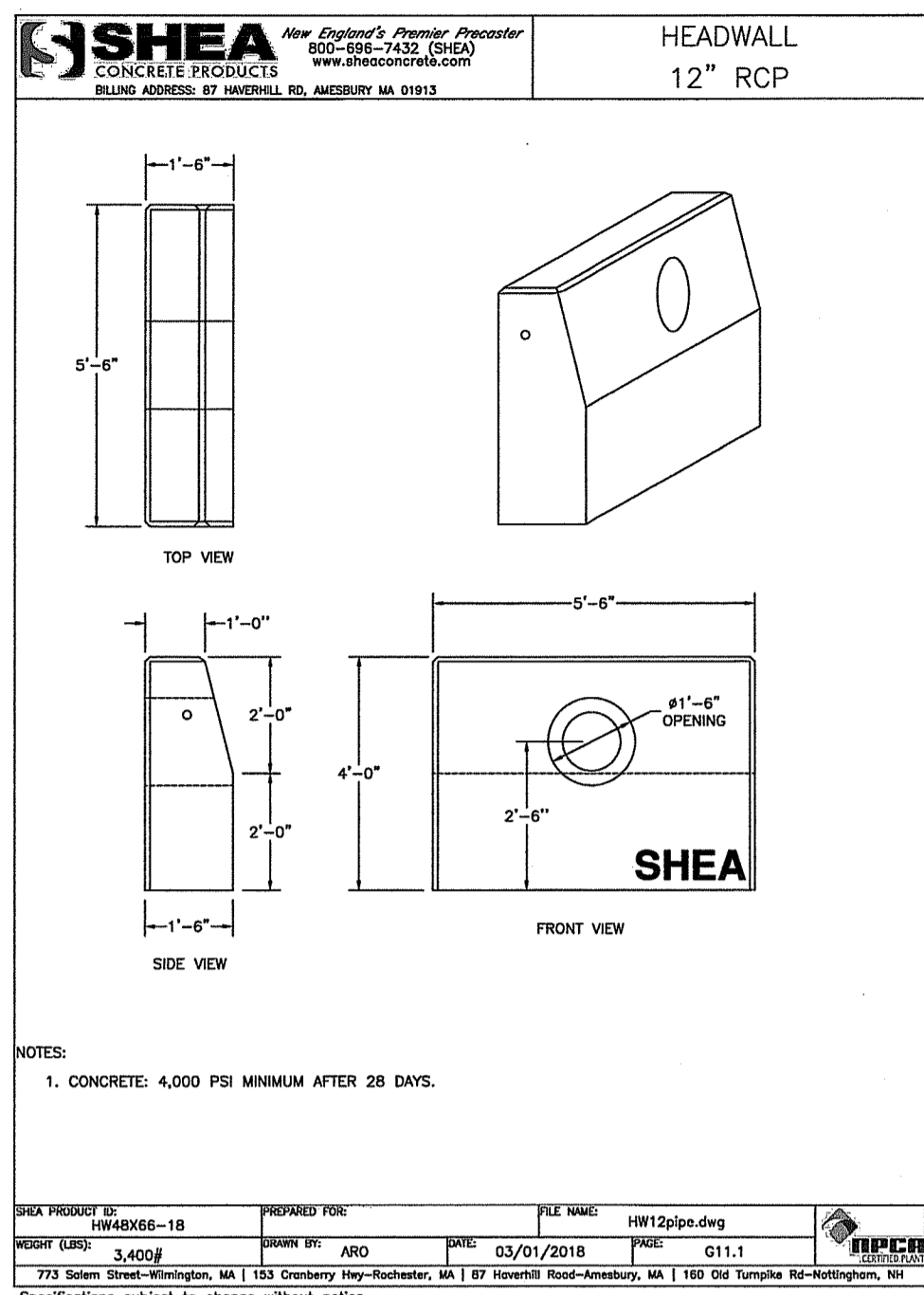


STORMWATER TREATMENT SIZING				
IMPERVIOUS SURFACE	AREA	METHOD	AREA REQ'D	AREA PROVIDED
DRIVEWAY	336 S.F.	VEGETATED SWALE	28 S.F.	48 S.F.
ROOFTOP	1,200 S.F.	VEGETATED SWALE	96 S.F.	175 S.F.

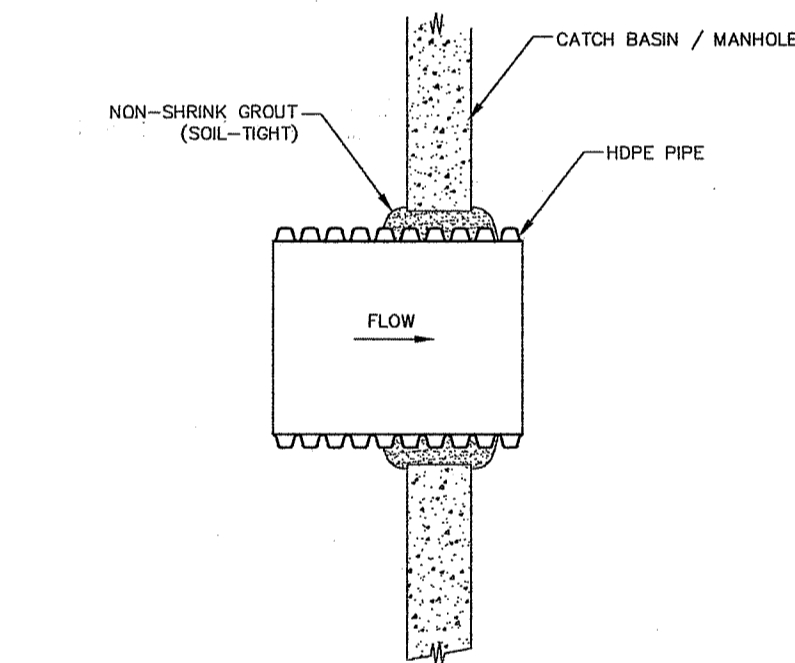


VEGETATED SWALE DETAIL

NOT TO SCALE

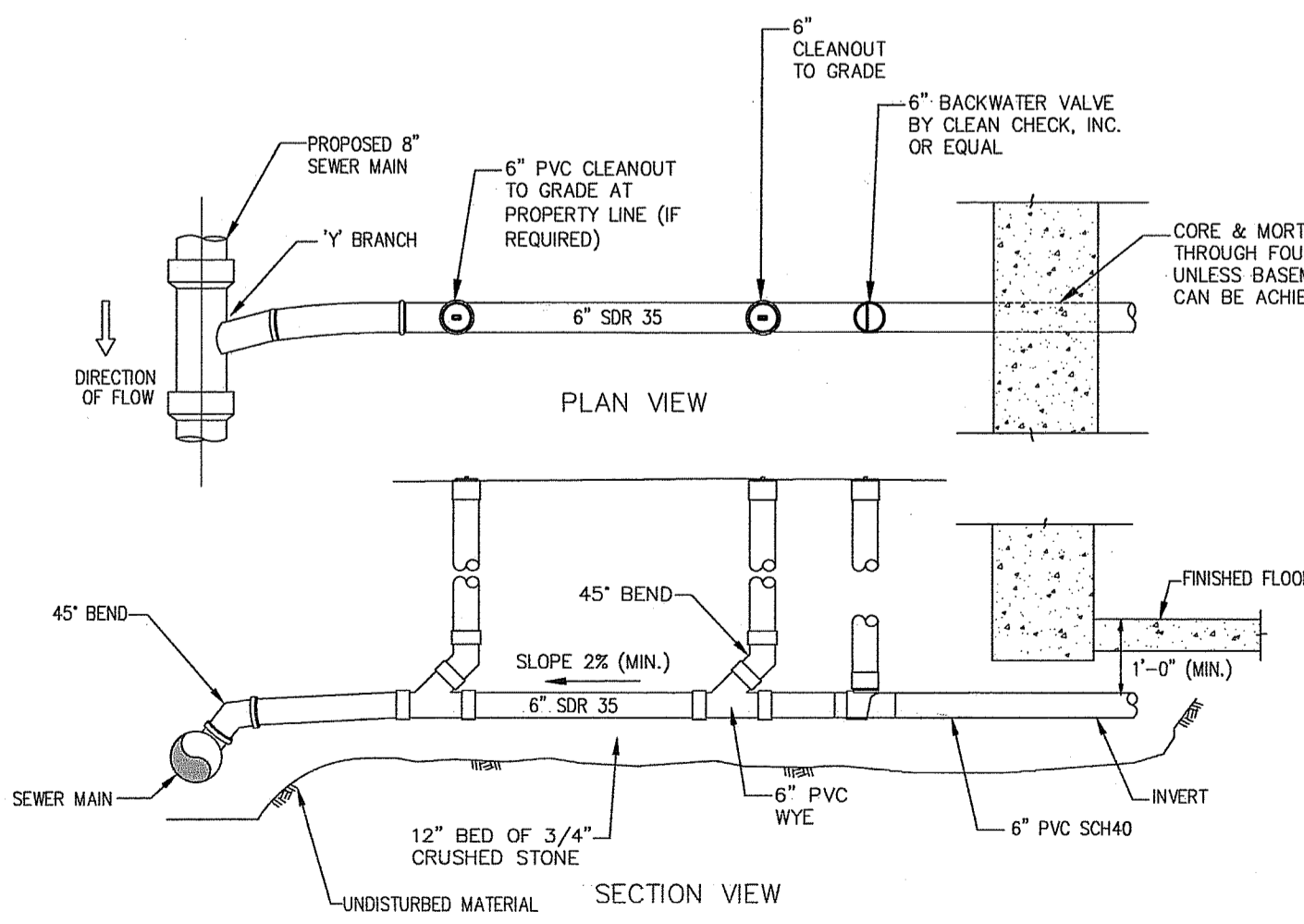


- NOTES:
- CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.



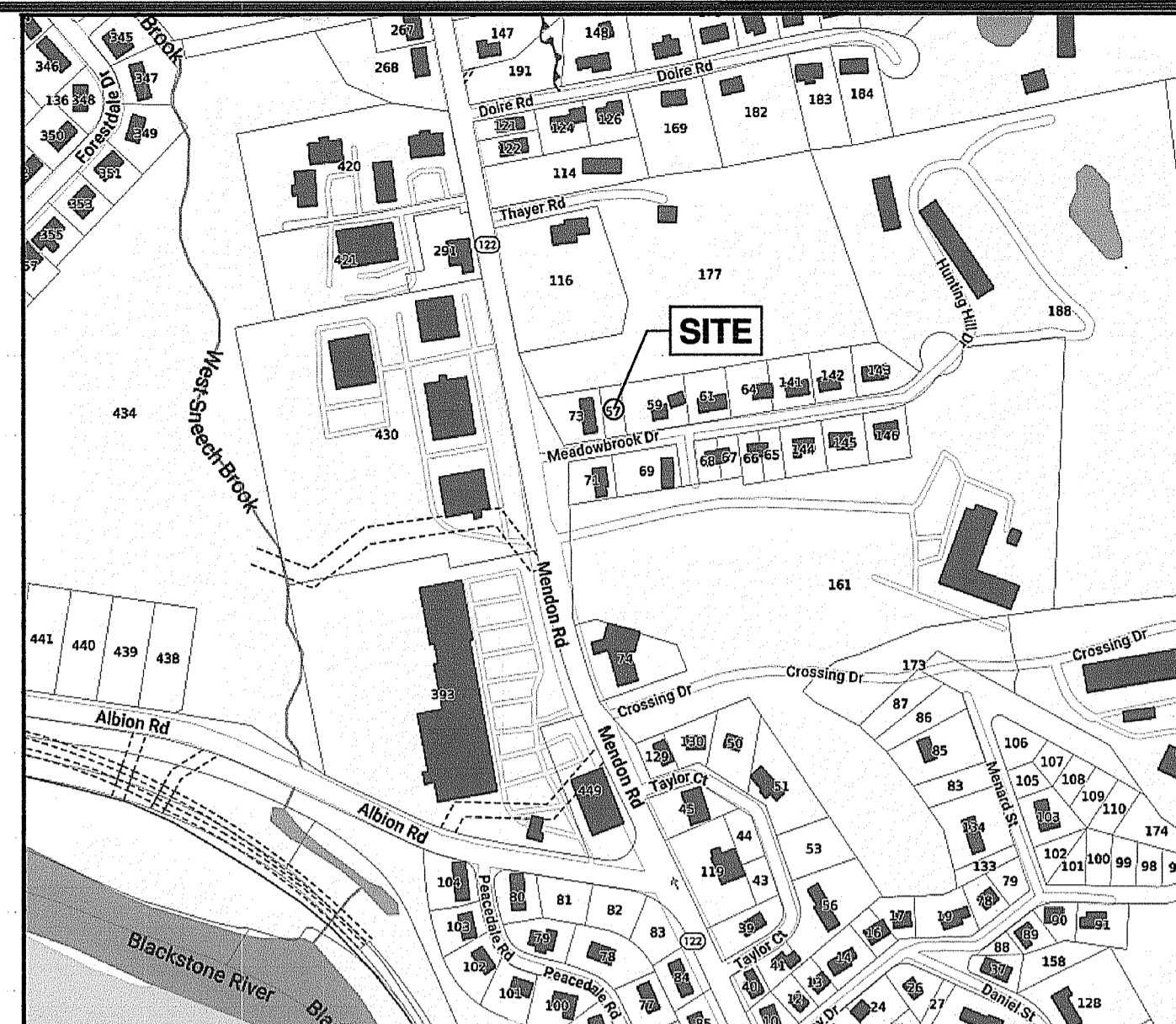
HDPE PIPE TO MANHOLE CONNECTION

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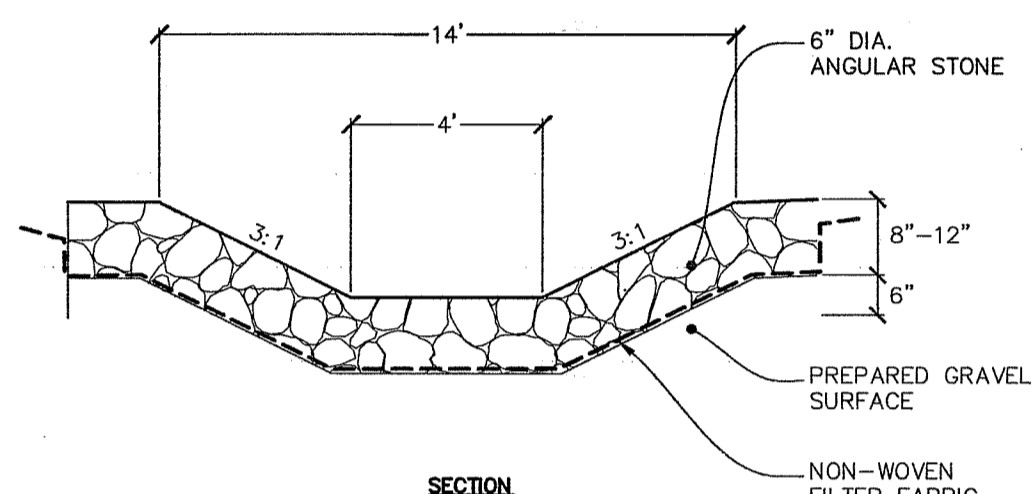
GRAVITY SEWER SERVICE TO HOUSE CONNECTION

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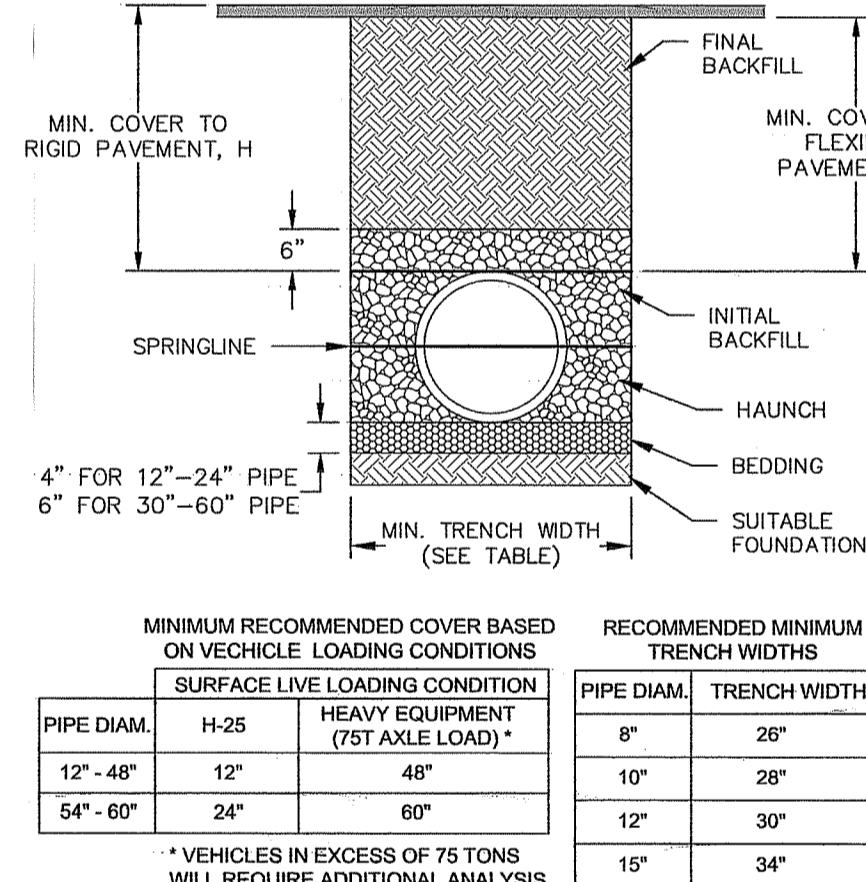
Locus Map

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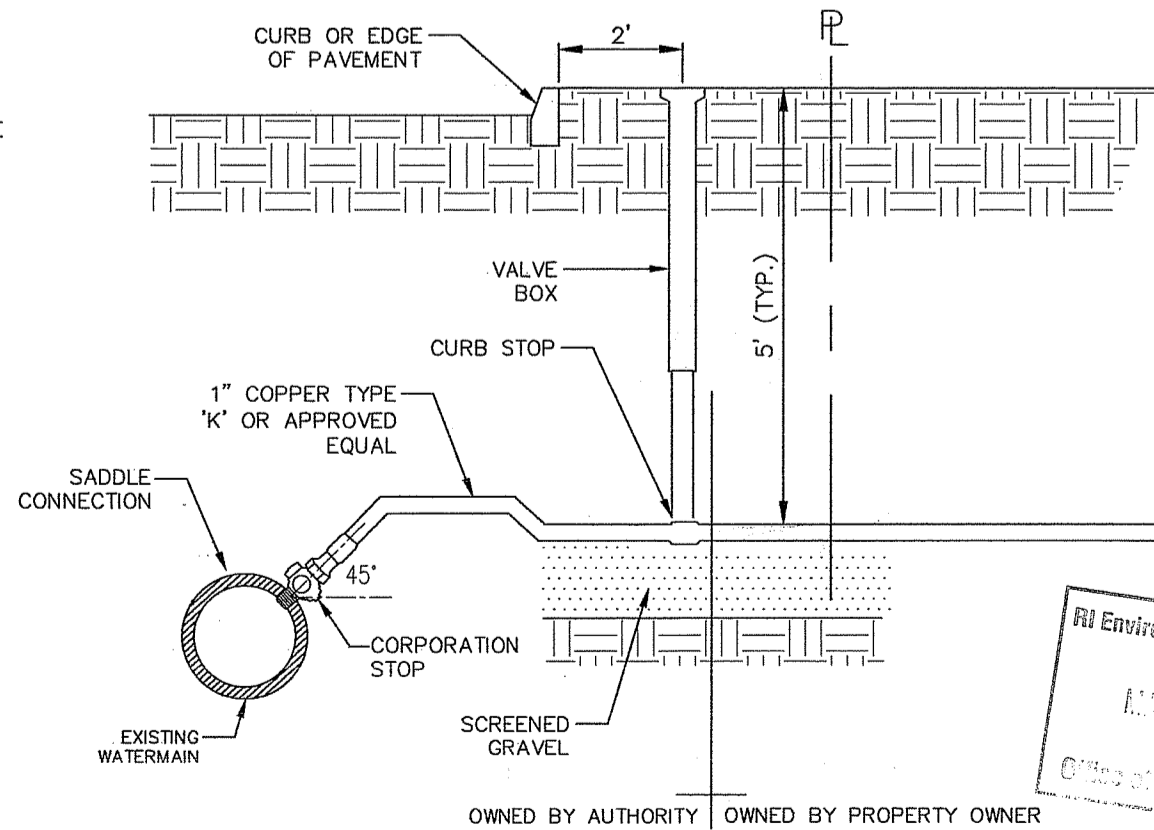
RIP-RIP AT SWALE

NOT TO SCALE



HDPE (ADS N-12) Pipe Installation

NOT TO SCALE



WATER SERVICE CONNECTION

NOT TO SCALE

GENERAL NOTES:

- THE OWNER OF THIS PROPERTY IS MILLER PROPERTIES, LLC.
- THE CONTRACTOR SHALL NOTIFY DIG-SAFE 72 HOURS PRIOR TO START OF CONSTRUCTION AND MAINTAIN ALL MARKINGS FOR THE DURATION OF THE PROJECT.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE CONTRACTOR SHALL NOTIFY 'DIG-SAFE' PRIOR TO EXCAVATION AND SHALL NOTIFY LOCAL UTILITY COMPANIES BEFORE COMMENCEMENT OF WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES AND RELOCATE UTILITIES AS REQUESTED SHOULD THERE BE A CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

SURVEY REFERENCE NOTE

PROPERTY LINE SURVEY INFORMATION, TOPOGRAPHY, AND EXISTING CONDITIONS WAS COMPLETED AND PROVIDED VIA CAD FILE BY CANAVAN & ASSOCIATES CONSTRUCTION SURVEYING, INC. 450 GEORGE WASHINGTON HIGHWAY, SMITHFIELD, RI 02917.

ZONING DISTRICT R-1

W/ SEWER & WATER	25,000 S.F.
MINIMUM LOT AREA	100 FT.
MINIMUM FRONTAGE AND WIDTH	20 FT.
FRONT YARD SETBACK	10 FT.
SIDE YARD SETBACK	25 FT.
REAR YARD SETBACK	20%*
MAX. LOT COVERAGE	20%*
MAX. BUILDING HEIGHT	35 FT.

SOIL EROSION AND SEDIMENT CONTROL NOTES

- ALL EROSION CONTROLS SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED.
- EROSION CONTROL BARRIERS CONSISTING OF STRAW WATTLES OR EQUAL SHALL BE INSTALLED AS SHOWN ON THIS PLAN AT A MINIMUM. ADDITIONAL BARRIERS MAY BE REQUIRED DUE TO THE LOGISTICS OF THE PROJECT. REMOVE THE ACCUMULATED SEDIMENT WHEN HALF THE HEIGHT OF THE BARRIER IS FILLED IN.
- STOCKPILES OF SOILS AT THE RISK OF EROSION FROM WIND OR RAIN SHALL BE PROTECTED WITH EROSION CONTROL BARRIERS AND TEMPORARY SEED.
- ALL SEDIMENTS SPILLED, DROPPED, WASHED, OR TRACKED ONTO THE PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.
- ALL DISTURBED AREAS SHALL BE STABILIZED SHALL, AT A MINIMUM, RECEIVE 4\"/>

Maintenance Notes:

- VEGETATIVE SWALE**
- VEGETATED SWALES SHALL BE INSPECTED ANNUALLY AND SHOULD BE INSPECTED AFTER LARGE STORM EVENTS.
 - ERODED SIDE SLOPES AND CHANNEL BOTTOMS SHALL BE STABILIZED AS NECESSARY.
 - IF THE SURFACE OF THE DRY SWALE BECOMES CLOGGED TO THE POINT THAT STANDING WATER IS OBSERVED ON THE SURFACE 48 HOURS AFTER PRECIPITATION EVENTS, THE BOTTOM SHALL BE ROTOTILLED OR CULTIVATED TO BREAK UP ANY HARD-PACKED SEDIMENT, AND THEN RESEDED.
 - VEGETATION IN DRY SWALES SHALL BE MOVED AS REQUIRED TO MAINTAIN MINIMUM GRASS HEIGHTS IN THE 4-6 INCH RANGE.

Advanced Civil Design, Inc.

CIVIL ENGINEERS
88 PEETPOAD ROAD
SCITUATE, RI 02857
PH: (401) 473-4404

1 5/13/24 ADDRESS RIDEM COMMENTS

NO. DATE REVISION

New Single Family Dwelling

AP 35 LOT 57
Meadowbrook Drive
Cumberland, RI

OWNER:
Miller Properties, LLC
PO BOX 22002
LINCOLN, RI 02865

DRAWING TITLE:

DRAINAGE PLAN

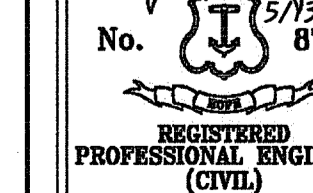
DATE: MARCH 2024

SCALE: AS NOTED

DESIGNED BY: C.S.R.

CHECKED BY: C.S.R.

DRAWING NO.



C-1