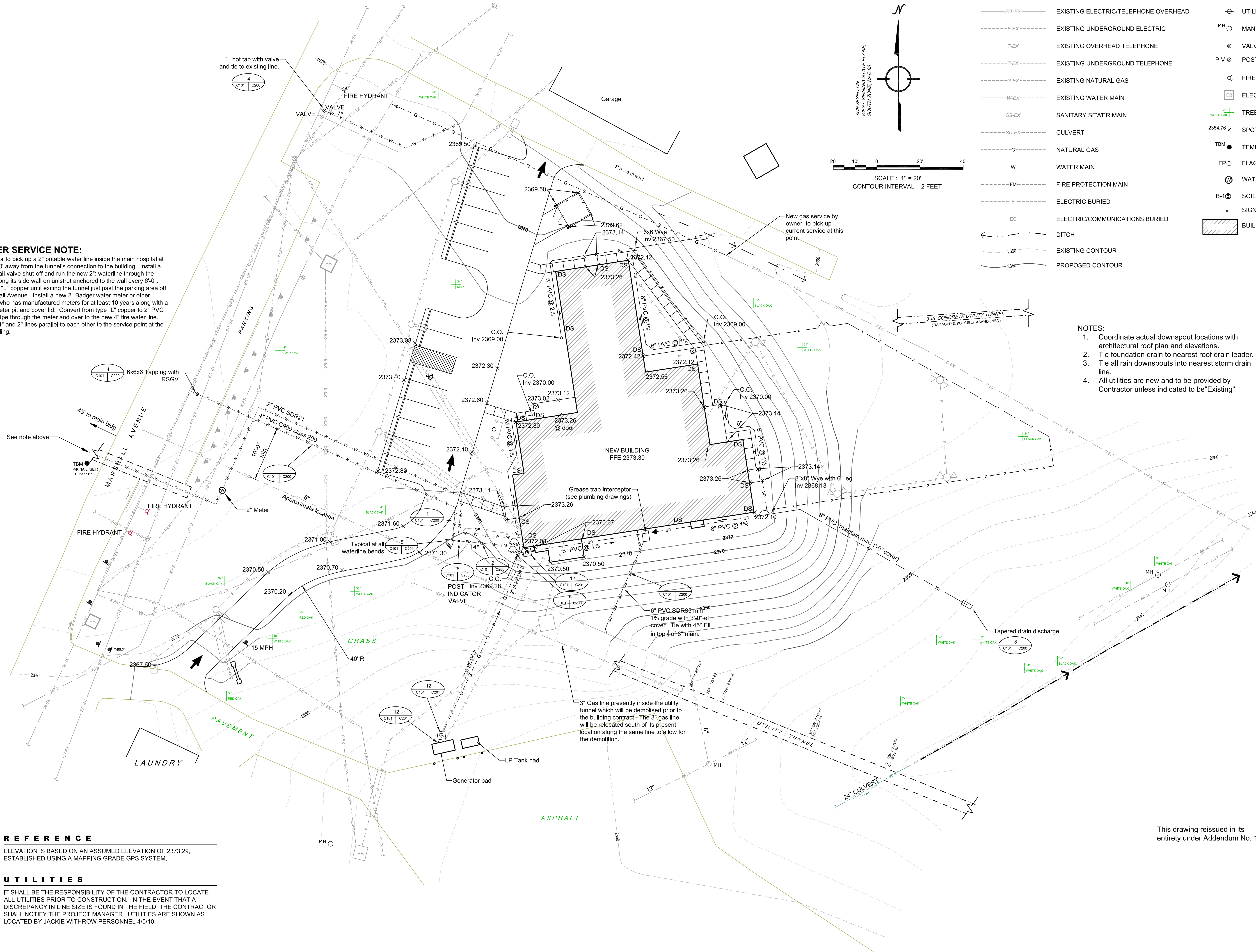


F:\On-going\Projects\U-181 Jackie Withrow Hospital\U-181 Engineering\Drawings\U-181 c100.dwg, c101, 10/19/2010 05:55:11, Jeff Pauley, MSSE

WATER SERVICE NOTE:

Contractor to pick up a 2" potable water line inside the main hospital at a point 50' away from the tunnel's connection to the building. Install a new 2" ball valve shut-off and run the new 2" waterline through the tunnel along its side wall on unistrut anchored to the wall every 6'-0". Use type "L" copper until exiting the tunnel just past the parking area off of Marshall Avenue. Install a new 2" Badger water meter or other supplier who has manufactured meters for at least 10 years along with a plastic meter pit and cover lid. Convert from type "L" copper to 2" PVC SDR21 pipe through the meter and over to the new 4" fire water line. Run the 4" and 2" lines parallel to each other to the service point at the new building.



LEGEND

	EXISTING ELECTRIC/TELEPHONE OVERHEAD		UTILITY POLE
	EXISTING UNDERGROUND ELECTRIC		MANHOLE
	EXISTING OVERHEAD TELEPHONE		VALVE
	EXISTING UNDERGROUND TELEPHONE		POST INDICATOR VALVE
	EXISTING NATURAL GAS		FIRE HYDRANT
	EXISTING WATER MAIN		ELECTRICAL BOX
	SANITARY SEWER MAIN		TREE LOCATION & IDENTIFICATION
	CULVERT		SPOT ELEVATION
	NATURAL GAS		TEMPORARY BENCH MARK
	WATER MAIN		FLAG POLE
	FIRE PROTECTION MAIN		WATER METER
	ELECTRIC BURIED		SOIL BORING LOCATIONS
	ELECTRIC/COMMUNICATIONS BURIED		SIGNAGE
	DITCH		BUILDING LOCATION
	EXISTING CONTOUR		
	PROPOSED CONTOUR		

NOTES:

1. Coordinate actual downspout locations with architectural roof plan and elevations.
2. Tie foundation drain to nearest roof drain leader.
3. Tie all rain downspouts into nearest storm drain line.
4. All utilities are new and to be provided by Contractor unless indicated to be "Existing"

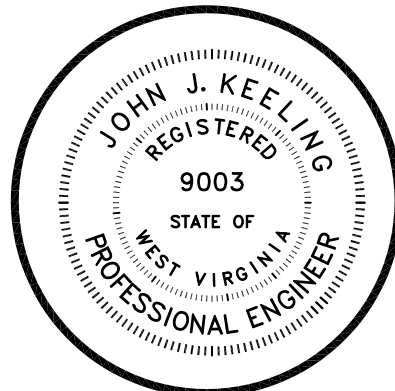
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ELEVATION IS BASED ON AN ASSUMED ELEVATION OF 2373.29, ESTABLISHED USING A MAPPING GRADE GPS SYSTEM.

UTILITIES

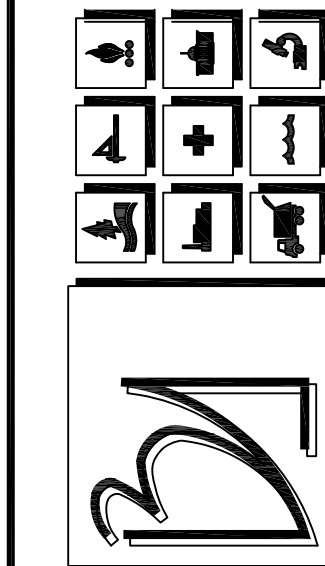
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. IN THE EVENT THAT A DISCREPANCY IN LINE SIZE IS FOUND IN THE FIELD, THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER. UTILITIES ARE SHOWN AS LOCATED BY JACKIE WITHROW PERSONNEL 4/5/10.

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JACKIE WITHROW HOSPITAL
RALEIGH COUNTY
BECKLEY, WEST VIRGINIA



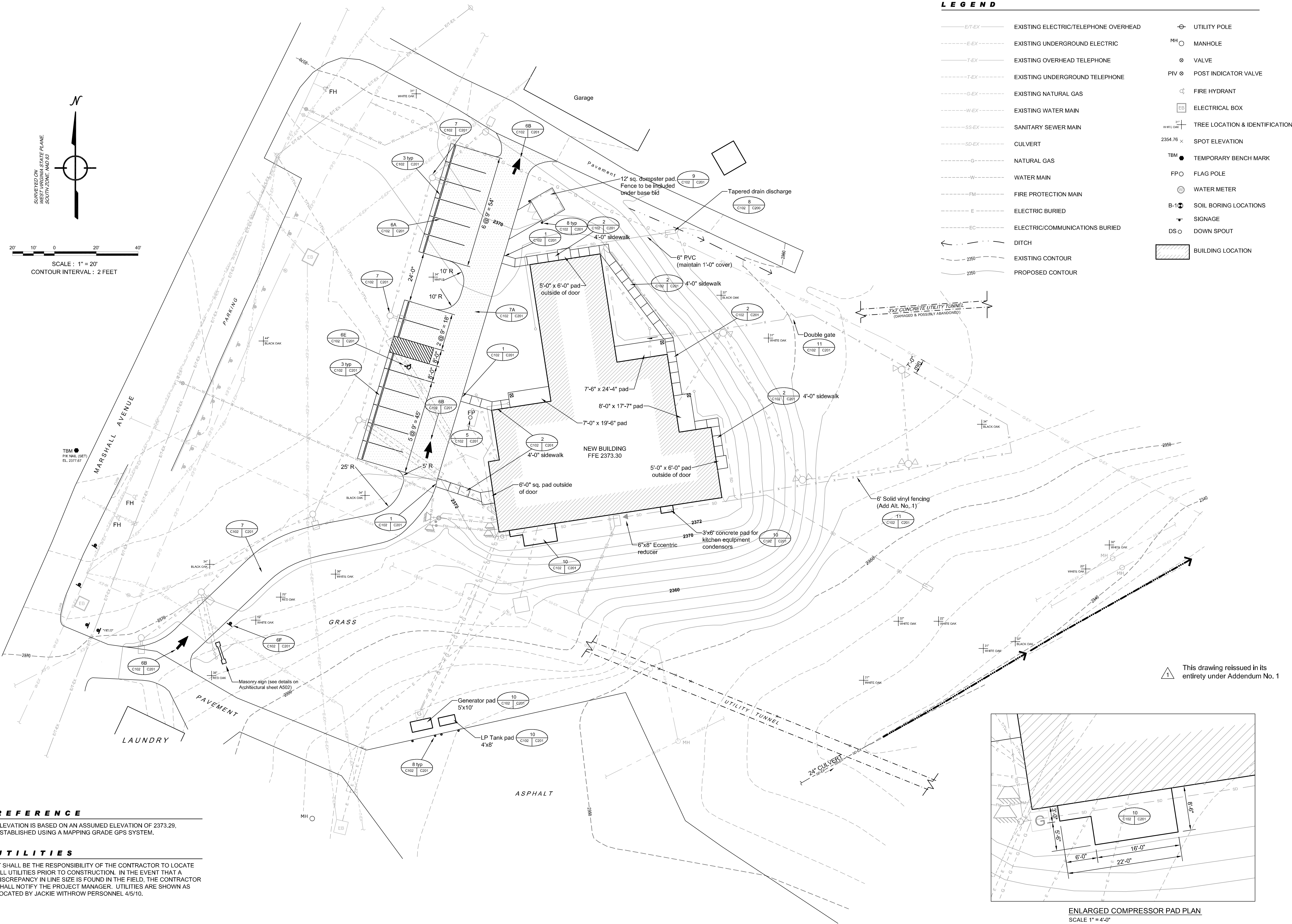
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C200	SITE DETAILS
L100	LANDSCAPING
S100	STRUCTURAL
S200	FOUNDATION
S300	FRAMING
A100	ARCH PLANS
A200	ELEVATIONS
A300	SECTIONS
A400	ENLARGED VIEWS
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A700	SCHEDULES
F100	FURN. PLAN
F200	FIRE PROTECT.
F300	FIRE PROTECT. DTLS.
P100	PLUMBING
P200	SUPPLY
P300	DRAINAGE
P400	PLUMBING DETAILS
M100	MECHANICAL
M200	MECH. PLAN
M300	MECH. DETAILS
E100	ELECTRICAL
E200	POWER
E300	LIGHTING
E400	FIRE ALARM
E500	SYSTEMS DETAILS

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C101	



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This drawing reissued in its entirety under Addendum No. 1



REFERENCE

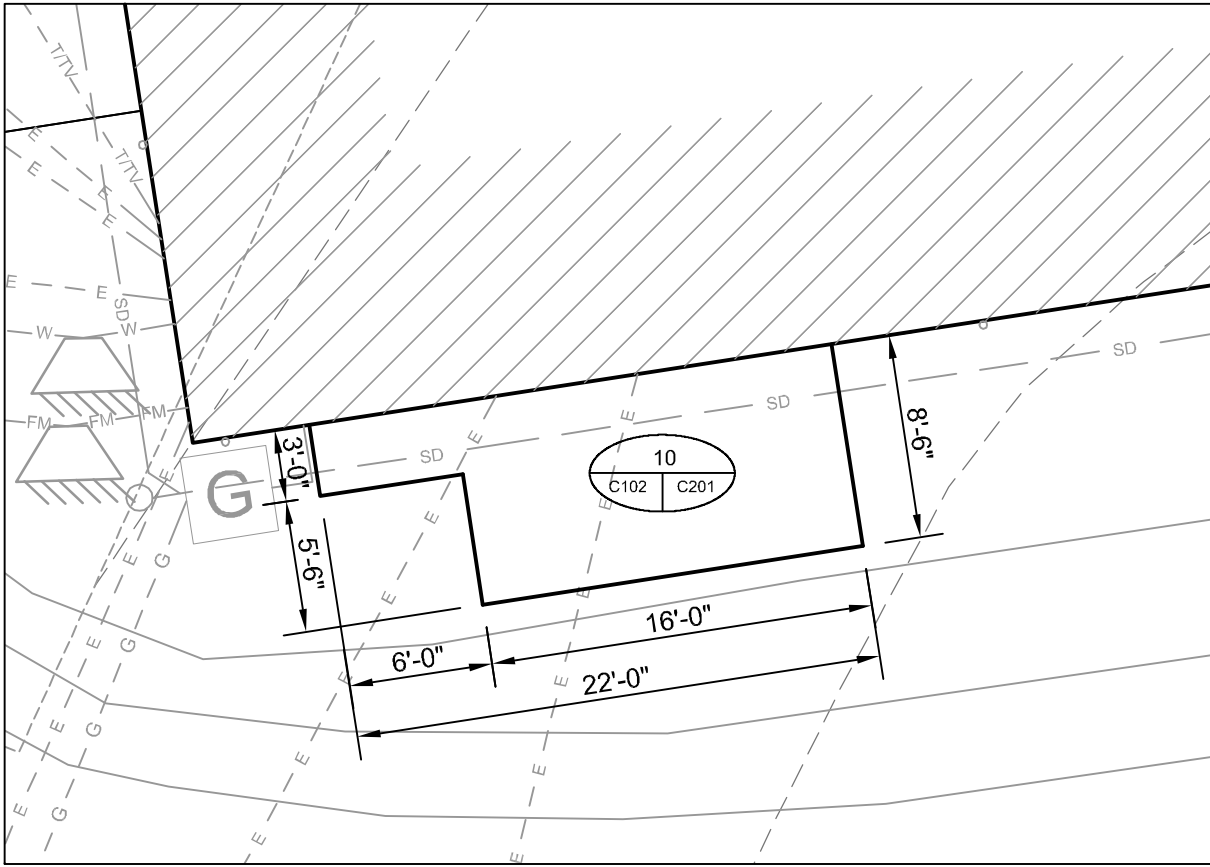
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- EXISTING OVERHEAD TELEPHONE
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- SANITARY SEWER MAIN
- CULVERT
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- TREE LOCATION & IDENTIFICATION
- SPOT ELEVATION
- TEMPORARY BENCH MARK
- FLAG POLE
- WATER METER
- SOIL BORING LOCATIONS
- SIGNAGE
- DOWN SPOUT
- BUILDING LOCATION



ENLARGED COMPRESSOR PAD PLAN
SCALE 1" = 4'-0"

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BECKLEY, WEST VIRGINIA

JOHN J. KEELING
REGISTERED
9003
STATE OF
WEST VIRGINIA
PROFESSIONAL ENGINEER

DRAWING INDEX

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A200	ELEVATIONS
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A400	ENLARGED VIEWS
A500	DETAILS
A600	SCHEDULES
A700	FURN. PLAN
PF100	FIRE PROTECT.
PF200	FIRE PROTECT. DTLS.
P100	PLUMBING
P200	SUPPLY
P300	DRAINAGE
P400	PLUMBING DETAILS
M100	MECHANICAL
M200	MECH. PLAN
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E100	ELECTRICAL
E200	POWER
E300	LIGHTING
E400	FIRE ALARM
E500	SYSTEMS DETAILS

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C102	

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MAPPING AND CONTOURS PROVIDED BY WV DHHR ON SEPTEMBER 23, 2010.
DATE SURVEY AND TOPOGRAPHIC MAPPING UNKNOWN.
ORIGINAL MAPPING INCLUDES REFERENCE TO SURVEY,
APRIL 1993 BY DUNN ENGINEERS.



7.5' USGS VICINITY MAP
SCALE: 1" = 2000'

The diagram shows a rectangular sign with a white background and a black border. The sign contains the following text from top to bottom:

- For Info on NPDES Storm Water Permit**
- To comment on Sediment Control Plan:*
- Call: 800-654-5227**
- plan@wvdep.org
- DEP 601 57th Street SE, Charleston WV 25304
- Application date: 6/21/10
- JACKIE WITHROW HOSPITAL**
- CO-OCCURRING FACILITY**
- 3.57 Acres**
- (304) 558-3217

Dimensions are indicated by arrows:

- Width:** 2' (min.)
- Height:** 2' (min.)
- Right Side Margin:** 1.6" (min.)
- Bottom Margin:** 0.8" (min.)

NPDES PERMIT SIGN

NO SCALE

1. SEE DRAWING ES101 FOR DETAILS OF BUILDING SITE.
2. SEE DRAWING ES102 FOR DETAILS OF BORROW SITE.
3. SEE DRAWING ES103 FOR POST-CONSTRUCTION STORMWATER MANAGEMENT.
4. SEE DRAWING ES104 FOR EROSION & SEDIMENTATION CONTROL DETAILS.

NEW BUILDING LOCATION

SITE SOIL HAUL ROUTE

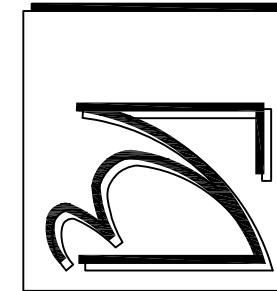
EXISTING CONTOUR

PROPOSED CONTOUR

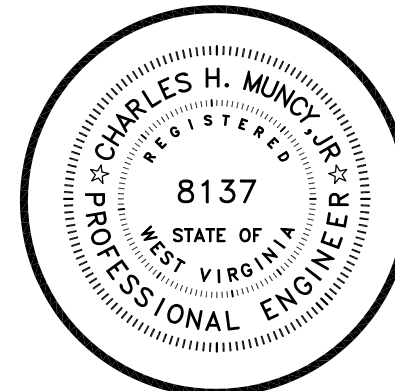
PROPERTY LINE

DISTURBED AREA LIMITS

EXISTING DRAINAGE DIRECTION



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RALEIGH COUNTY
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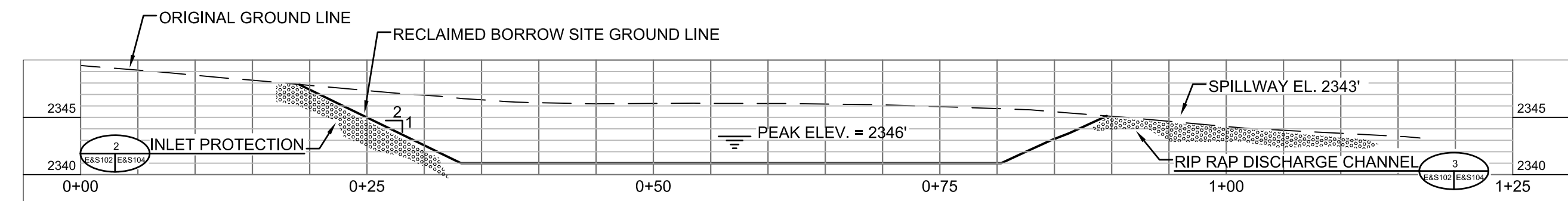
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M100	MECHANICAL
M200	MECH. PLAN
M300	MECH. DETAILS
E100	ELECTRICAL
E200	POWER
E300	LIGHTING
E400	FIRE ALARM
E500	SYSTEMS DETAILS

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LOCATION MAP & EXISTING SITE CONDITIONS

ES100

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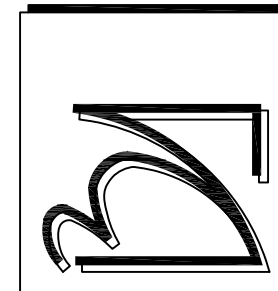
SEDIMENT TRAP #2 VITAL	
DRAINAGE AREA = 1.93 acres REQUIRED CAPACITY = 1.93 Acres, 3,600 ft ³ /Ac. = 6,948 ft ³ REQUIRED PERMANENT POOL = 3,474 ft ³ REQUIRED DRY POOL = 3,474 ft ³ SPILLWAY EL. = 2,343', 6' WIDE TOP OF CREST EL. = 2,344' BOTTOM EL. = 2,341' PEAK EL. @ 10' = 2,343.45' PEAK Q25 = 5.87 cfs	ACTUAL CAPACITY = 8,059 ft ³ ACTUAL PERMANENT POOL = 4,269 ft ³ ACTUAL DRY POOL = 3,786 ft ³ SEDIMENT CLEANOUT EL. = 2,342.0'

MAPPING AND CONTOURS PROVIDED BY WV DHHR ON SEPTEMBER 23, 2010. DATE SURVEY AND TOPOGRAPHIC MAPPING UNKNOWN. ORIGINAL MAPPING INCLUDES REFERENCE TO SURVEY, APRIL 1993 BY DUNN ENGINEERS.

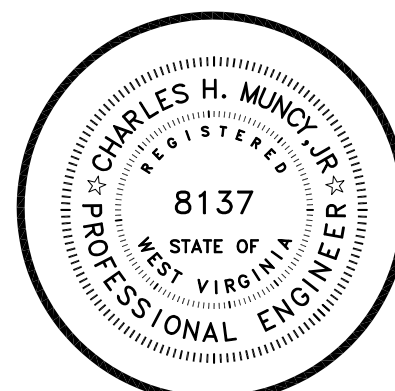
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BUILDING SITE PLAN



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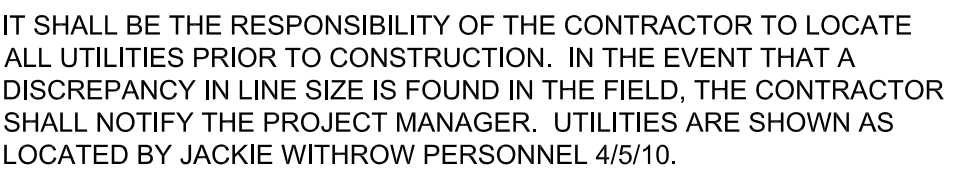


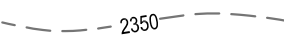
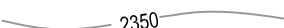
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A500	DETAILS
A600	SCHEDULES
A700	FURN. PLAN
FF100	FIRE PROTECT.
FF200	FIRE PROTECT. DET.
P100	PLUMBING
P200	SUPPLY
P300	DRAINAGE
P400	PLUMBING DETAILS
M100	MECHANICAL
M200	MECH. PLAN
M300	MECH. DETAILS
E100	ELECTRICAL
E200	POWER
E300	LIGHTING
E400	FIRE ALARM
E500	SYSTEMS DETAILS

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ES101

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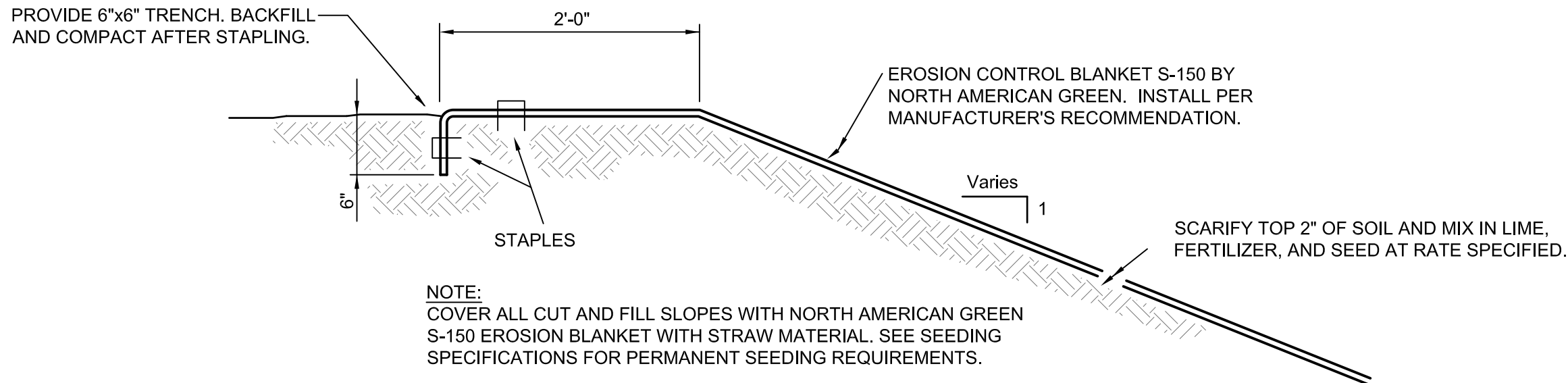
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MH 	MANHOLE
	VALVE
PIV 	POST INDICATOR VALVE
	FIRE HYDRANT
	TREE LOCATION & IDENTIFICATION
×	SPOT ELEVATION
TBM 	TEMPORARY BENCH MARK
B-1 	SOIL BORING LOCATIONS
	SIGNAGE
	EXISTING BUILDING LOCATION
-----SD-----	CULVERT
	DITCH
	EXISTING CONTOUR
	PROPOSED CONTOUR

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BUILDING SITE - POST CONSTRUCTION	
ES103	

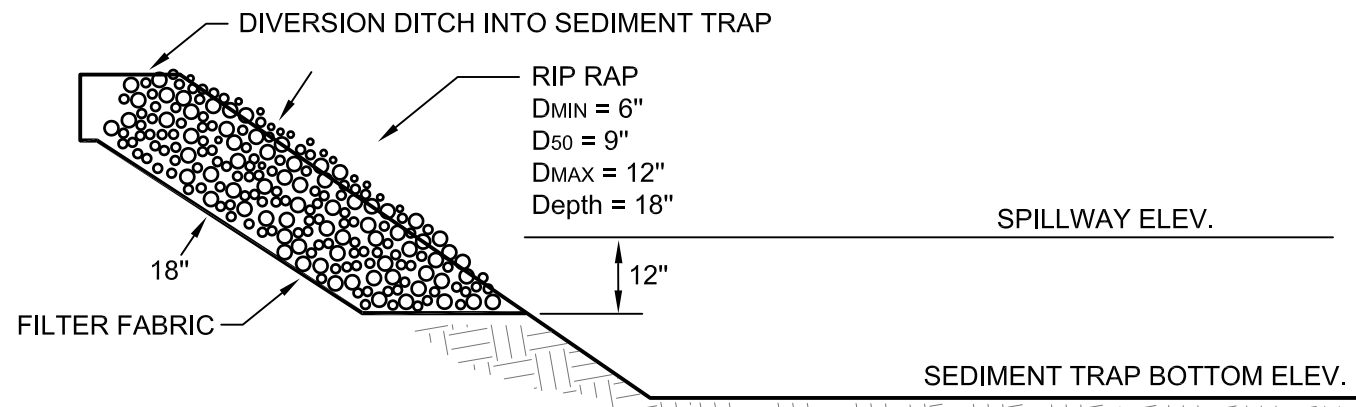
A circular professional engineer seal for Charles H. Muncy, Jr. The outer ring contains the text "CHARLES H. MUNCY, JR." at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. The inner circle contains the word "REGISTERED" at the top, the license number "8137" in the center, and "STATE OF WEST VIRGINIA" at the bottom.

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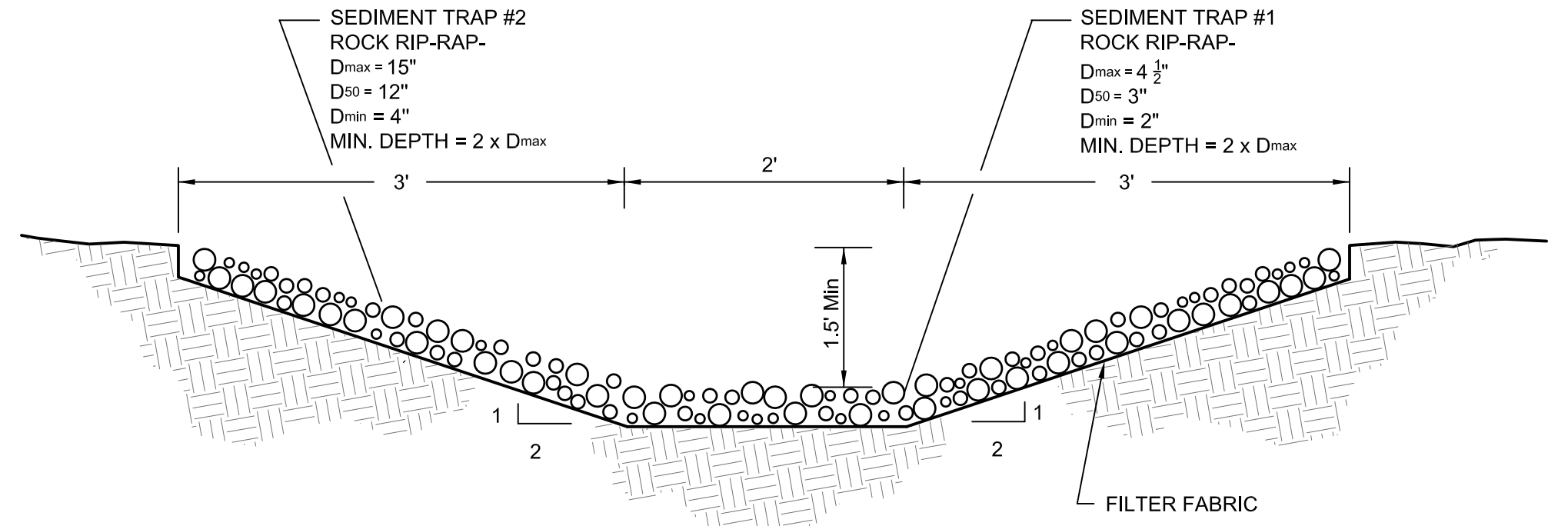
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1 1
EAS102 EAS104 EAS101 EAS105
TYPICAL EROSION CONTROL BLANKET AND ANCHOR TRENCH
NO SCALE



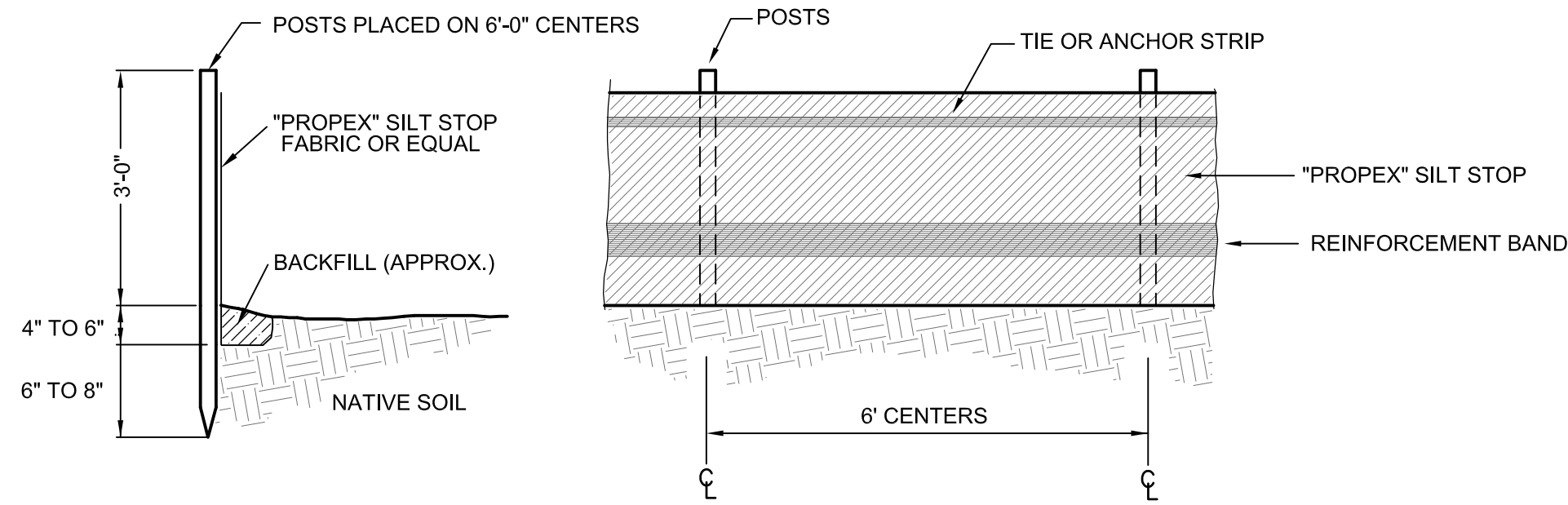
2 2
EAS102 EAS104 EAS101 EAS105
TYPICAL INLET PROTECTION - SEDIMENT TRAP
NO SCALE



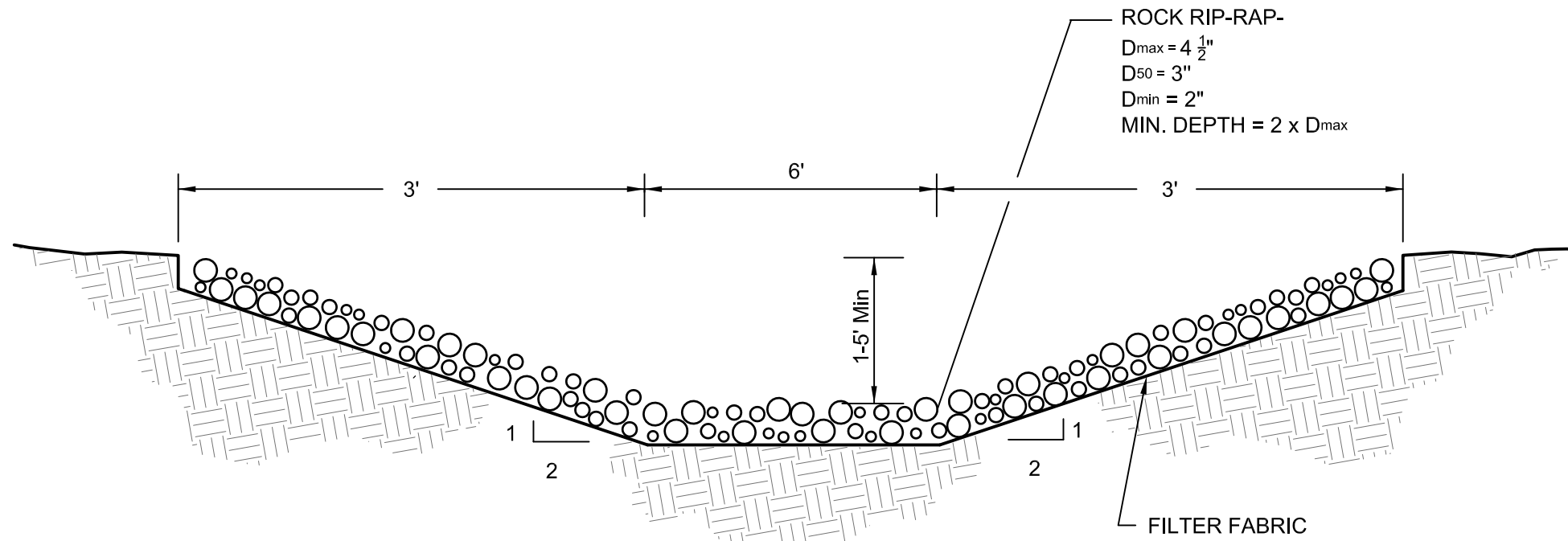
3 3
EAS102 EAS104 EAS101 EAS105
TYPE III SEDIMENT TRAP DISCHARGE CHANNEL
NO SCALE

NOTE:

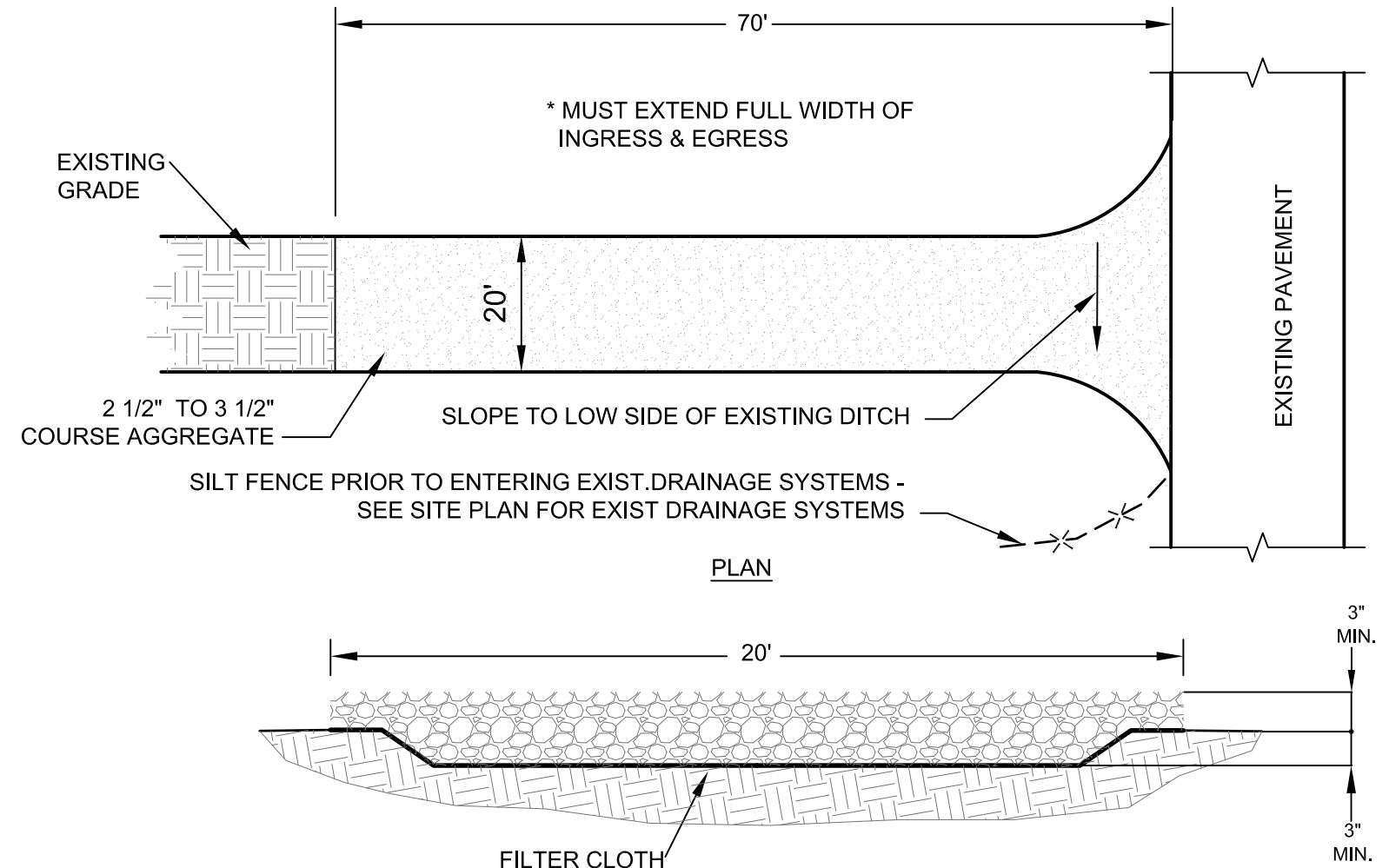
1. SILT FENCE TO BE INSTALLED RUNNING WITH THE CONTOURS, AND SHALL BE INSTALLED DOWN-SLOPE OF ALL DISTURBED AREAS.
2. SILT FENCE TO BE LEFT IN PLACE UNTIL SLOPE IS SEEDED & MULCHED AND PERMANANT VEGETATION IS ESTABLISHED.



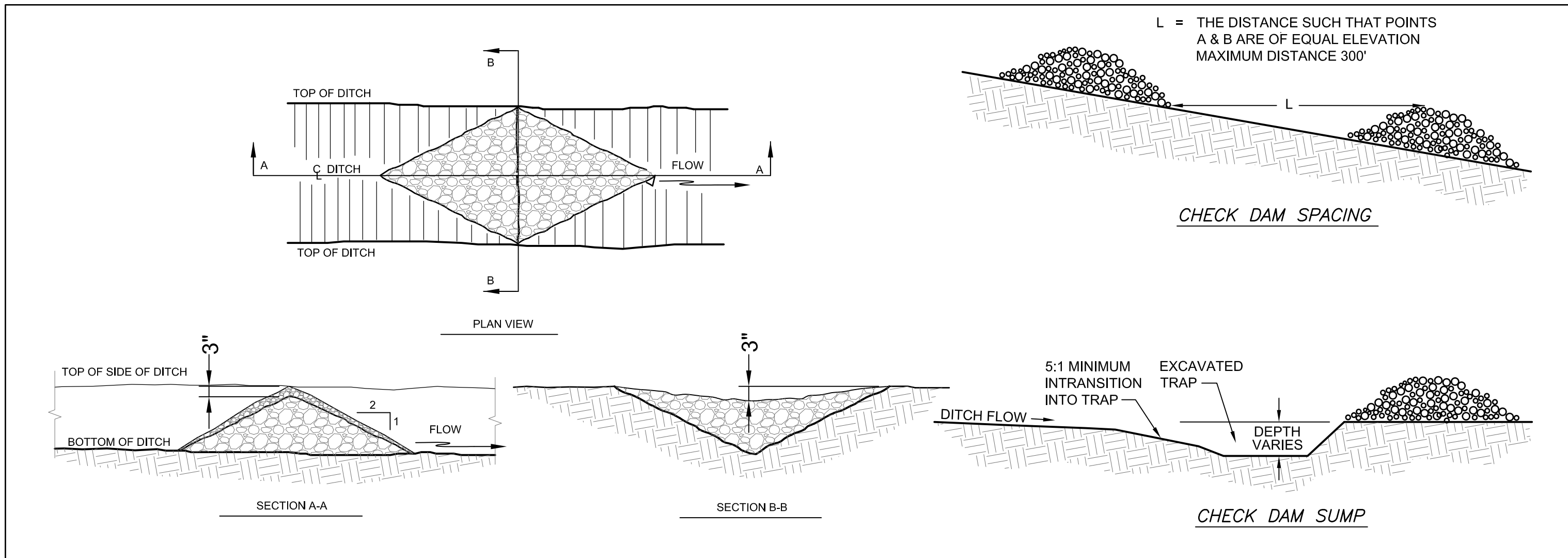
4 4
EAS102 EAS104 EAS101 EAS105
TYPICAL SILT FENCE INSTALLATION
NO SCALE



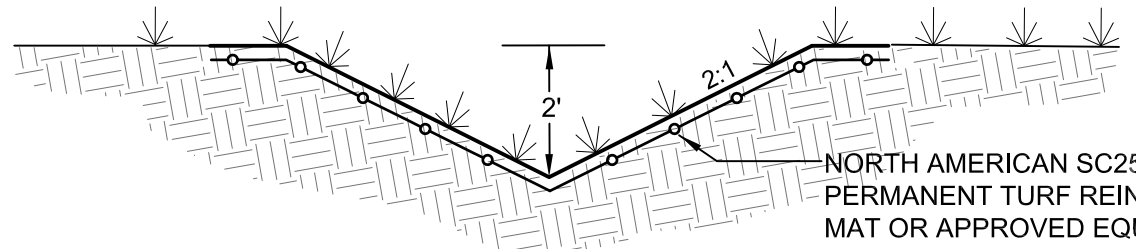
5 5
EAS102 EAS104 EAS101 EAS105
TYPICAL OUTLET PROTECTION SEDIMENT TRAP
NO SCALE



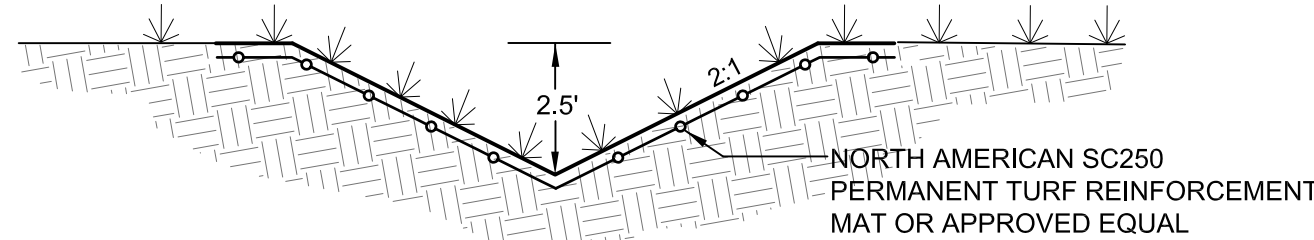
6 6
EAS102 EAS104 EAS101 EAS105
TYPICAL CONSTRUCTION ENTRANCE
NO SCALE



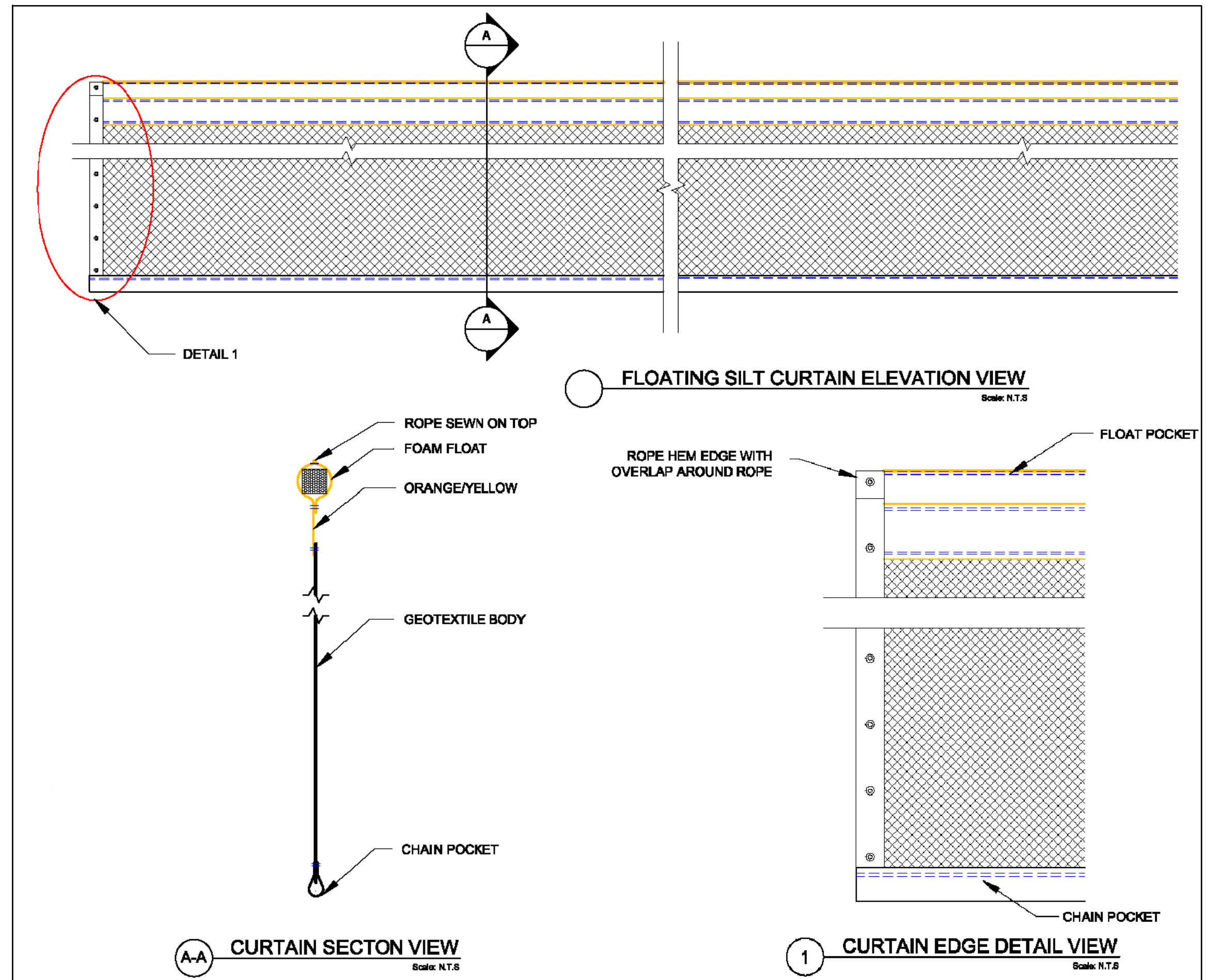
7 7
EAS102 EAS104 EAS101 EAS105
TYPICAL STONE CHECK DAM WITH SUMP FOR V-TRAP
NO SCALE



8
EAS101 EAS104
TYPE I DIVERSION DIITCH
NO SCALE

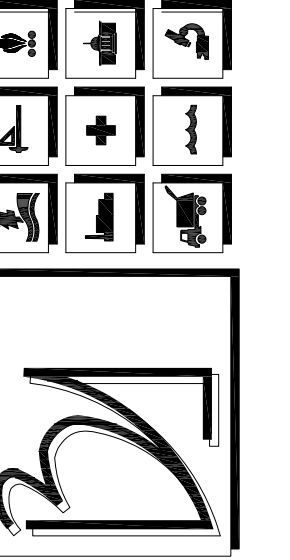


9
EAS102 EAS105
TYPE II DIVERSION DIITCH
NO SCALE

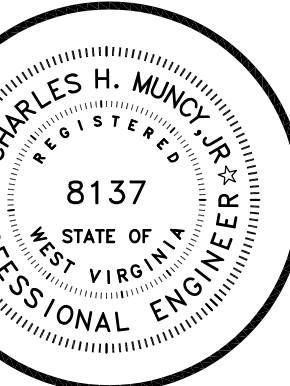


10 10
EAS101 EAS104 EAS102 EAS105
SEDIMENT TRAP BAFFLE
NO SCALE

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