

SITE DEVELOPMENT PLANS

BAYIRD AUTO PARKING LOT EXPANSION

COMMERCIAL DEVELOPMENT

PREPARED FOR
BAYIRD AUTO

JONESBORO, ARKANSAS
DECEMBER 8, 2020

LOCAL CONTACTS

CITY OF JONESBORO - PLANNING & ZONING DEPARTMENT
300 South Church Street
Jonesboro, AR 72401
PH-870-932-0406

CITY OF JONESBORO - ENGINEERING DEPARTMENT
300 South Church Street
Jonesboro, AR 72401
PH-870-932-2438

CITY OF JONESBORO - FIRE SAFETY DEPARTMENT
3215 East Johnson
Jonesboro, AR 72401
PH-870-932-2428

CITY WATER & LIGHT - ENGINEERING DEPARTMENT
400 East Monroe
Jonesboro, AR 72401
PH-870-930-3320

ARKANSAS STATE HIGHWAY DEPARTMENT - R.O.W. PERMITS
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P.O. BOX 98
Paragould, AR 72451
PH-870-239-9511

ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY
2212 Fowler Ave. - Suite B
Jonesboro, AR 72401 72401
PH-870-935-7221

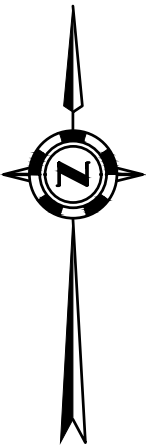
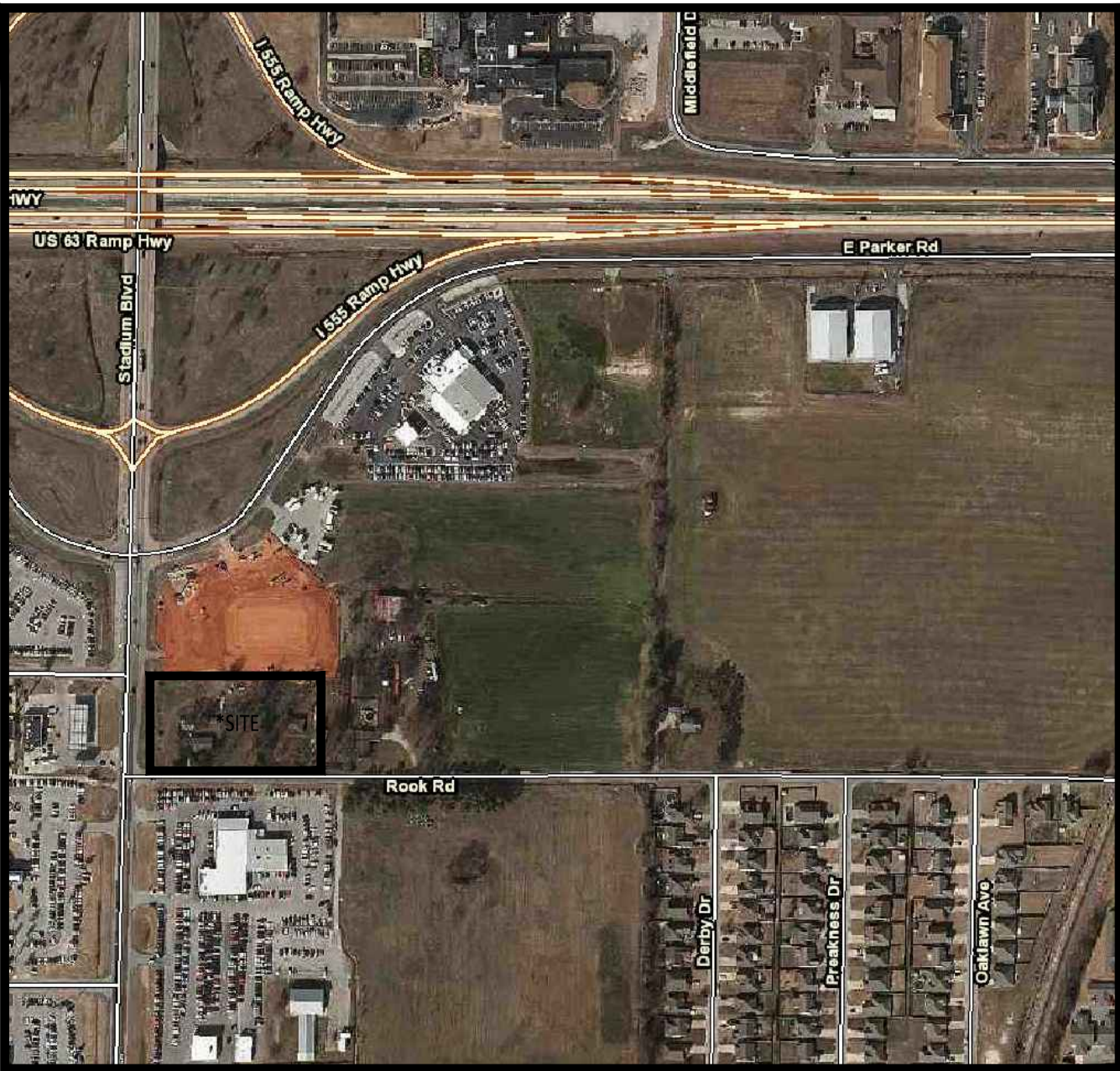
CENTERPOINT ENTERGY
613 Southwest Drive
Jonesboro, AR 72401
PH-800-555-6322

AT&T
723 South Church
Jonesboro, AR 72401
PH-870-972-7596

RITTER COMMUNICATIONS
2109 Fowler Ave.
Jonesboro, AR 72401
PH-870-336-3421

SUDDENLINK
1520 South Caraway
Jonesboro, AR 72401
PH-870-530-5393

VICINITY MAP



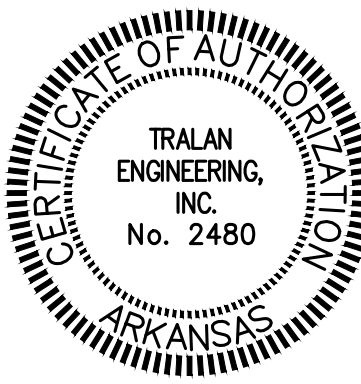
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8 of 8	SITE CONSTRUCTION DETAILS

COMPANY INFO:
2916 WOOD STREET
JONESBORO, AR 72404
PH: 1-870-203-9939
WWW.TRALANENG.COM

TRALANENGINEERING

PROJECT:
BAYIRD AUTO PARKING LOT EXPANSION

CLIENT:
BAYIRD AUTO

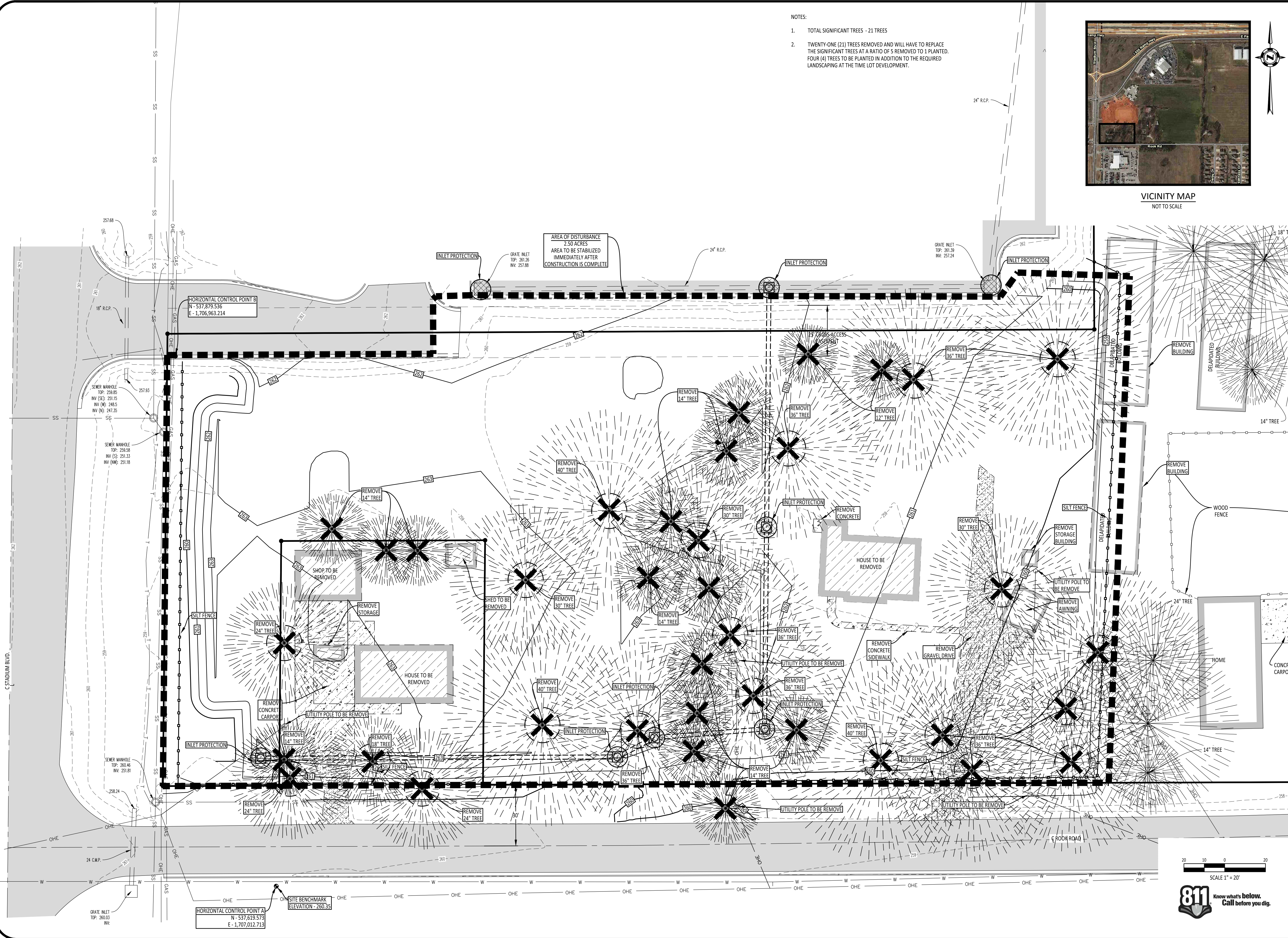


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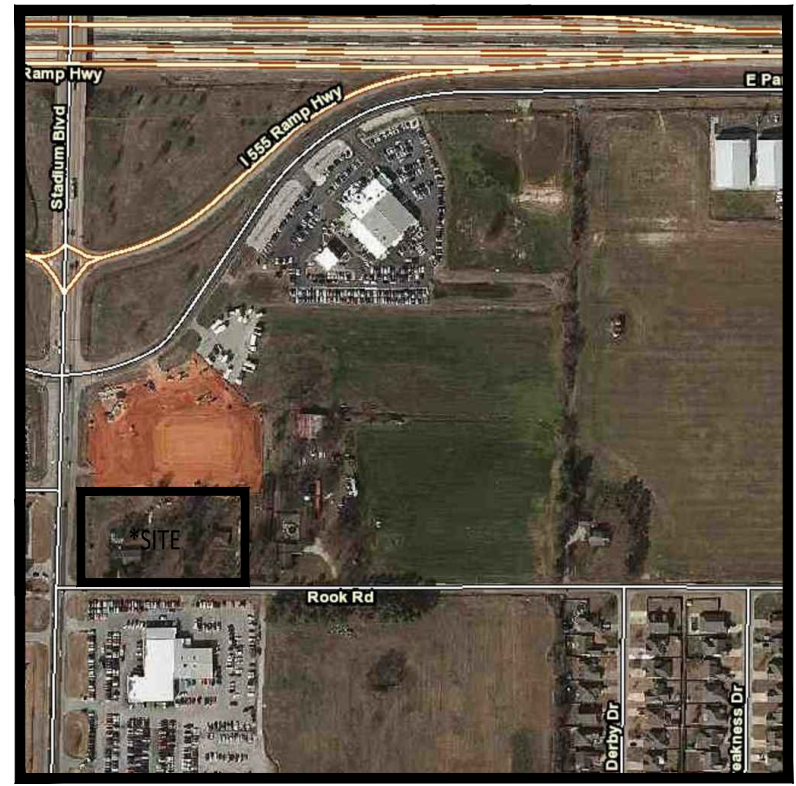
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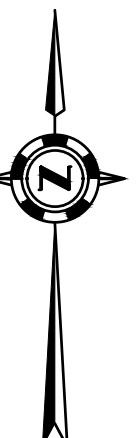
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- NOTES:
1. TOTAL SIGNIFICANT TREES - 21 TREES
 2. TWENTY-ONE (21) TREES REMOVED AND WILL HAVE TO REPLACE THE SIGNIFICANT TREES AT A RATIO OF 5 REMOVED TO 1 PLANTED. FOUR (4) TREES TO BE PLANTED IN ADDITION TO THE REQUIRED LANDSCAPING AT THE TIME LOT DEVELOPMENT.



VICINITY MAP
NOT TO SCALE

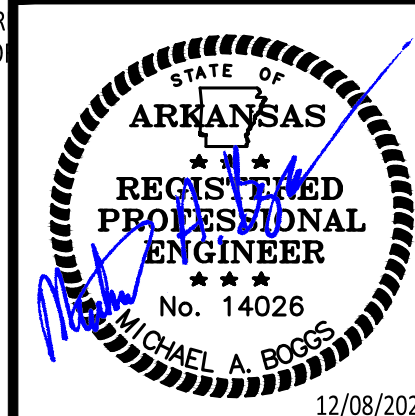
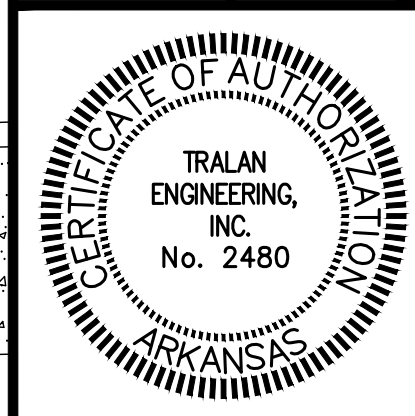


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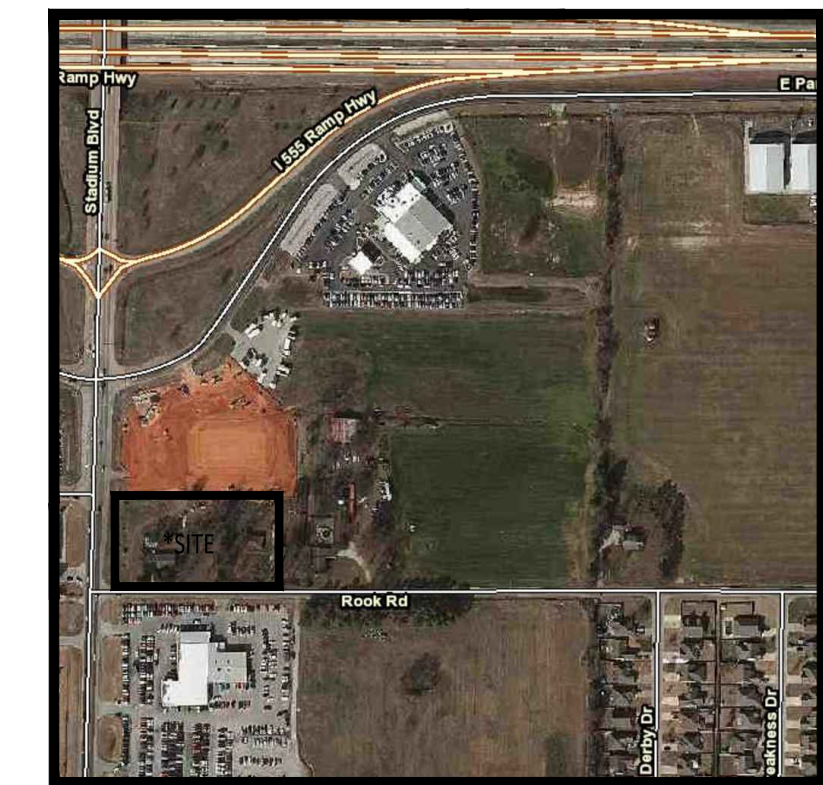
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SWPPP / DEMO PLAN		
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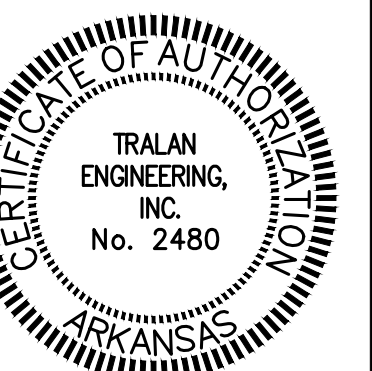


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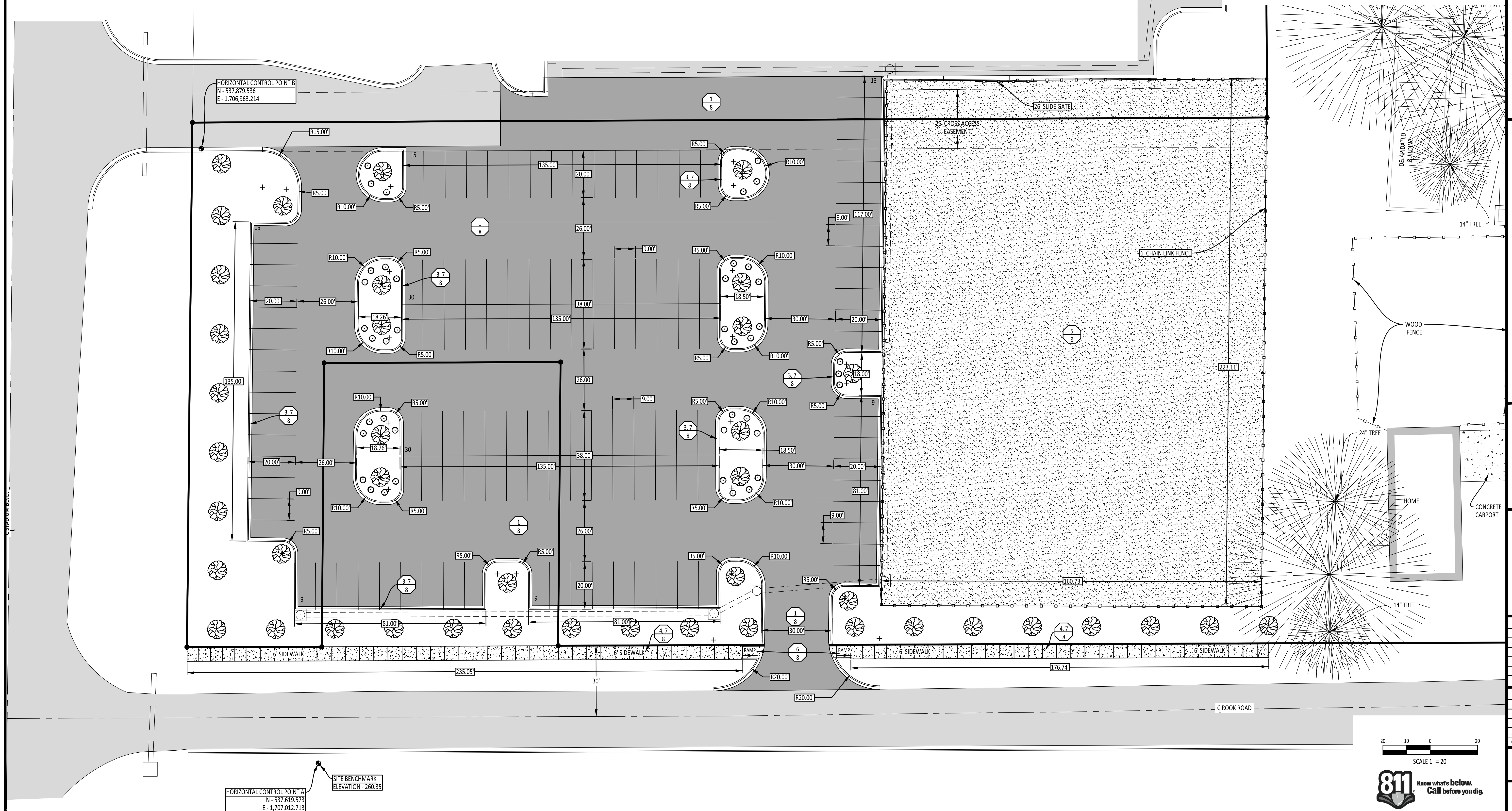
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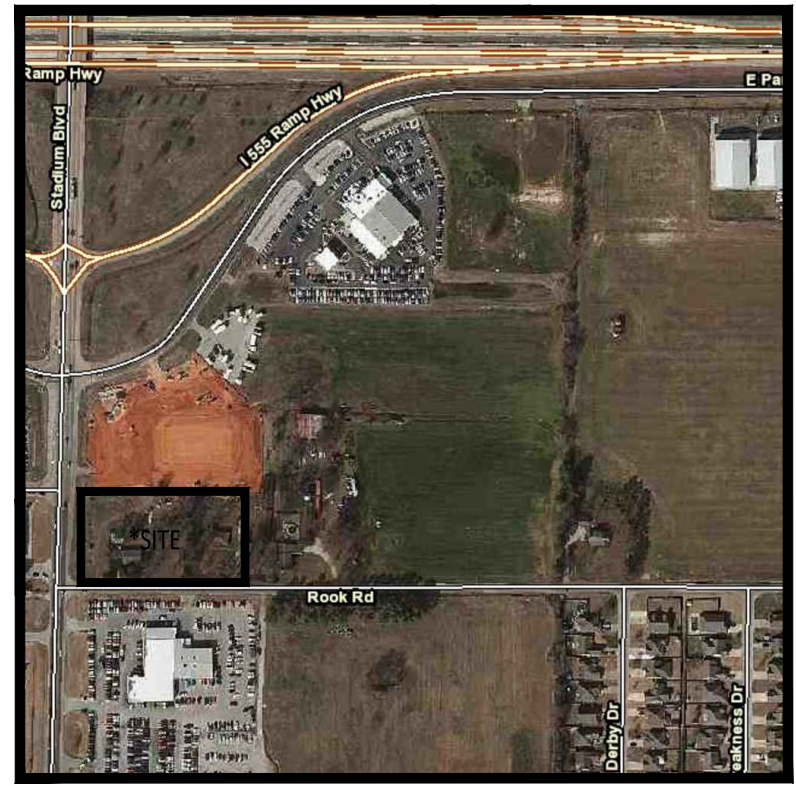
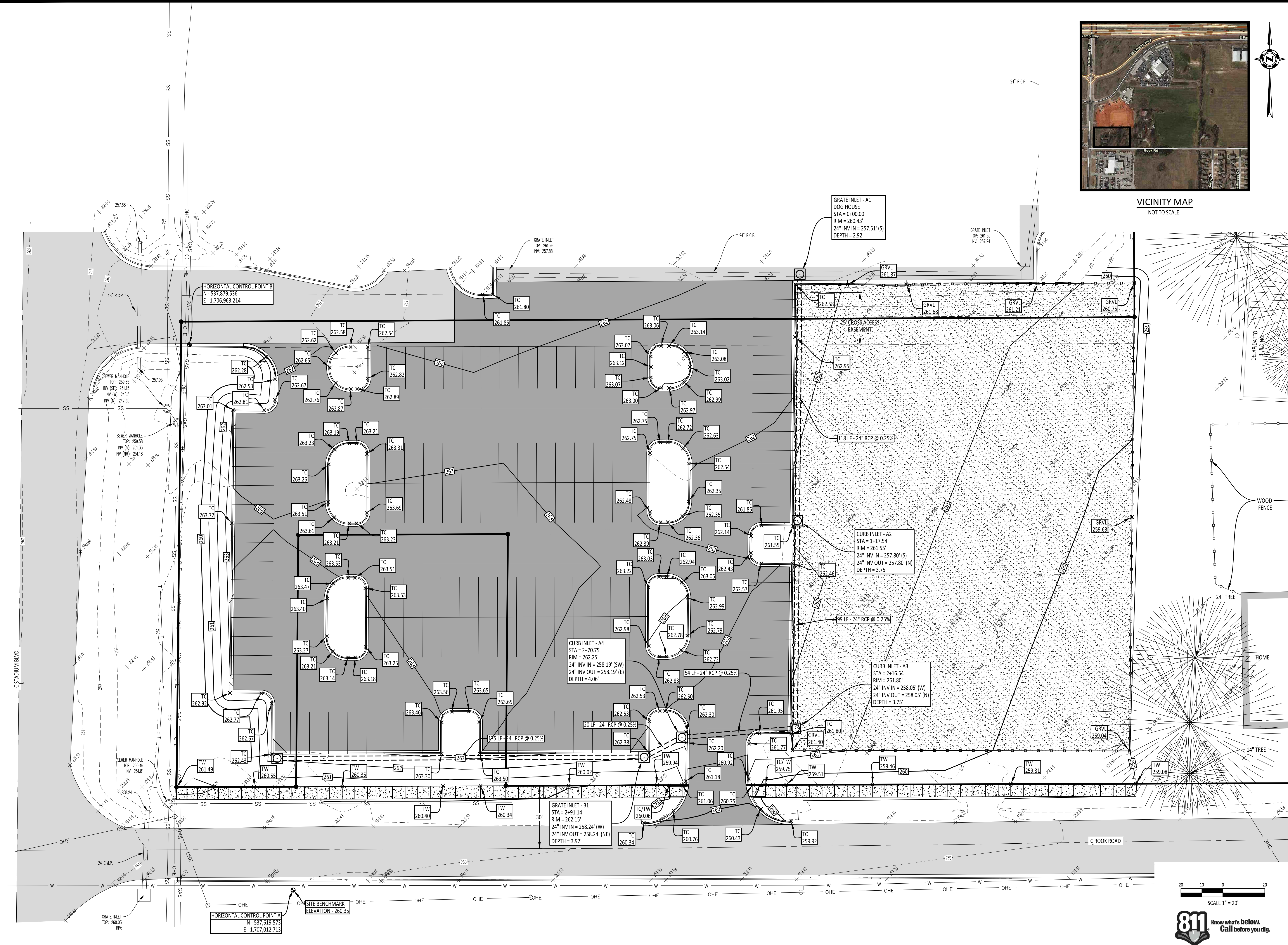
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E DIMENSION PLAN

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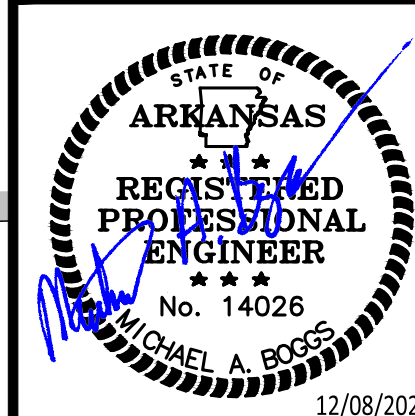
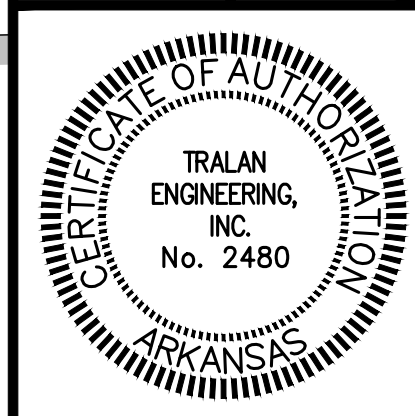
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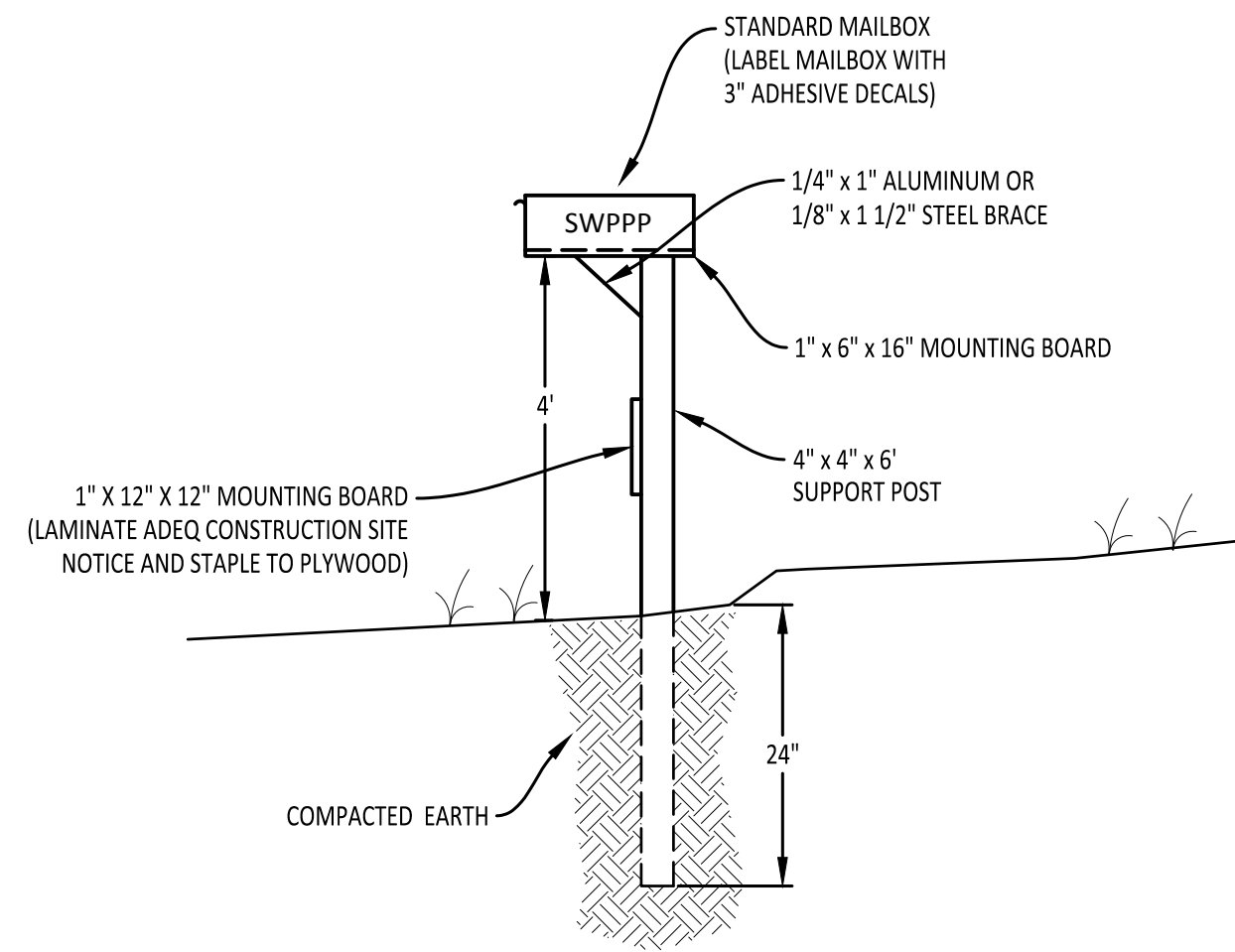
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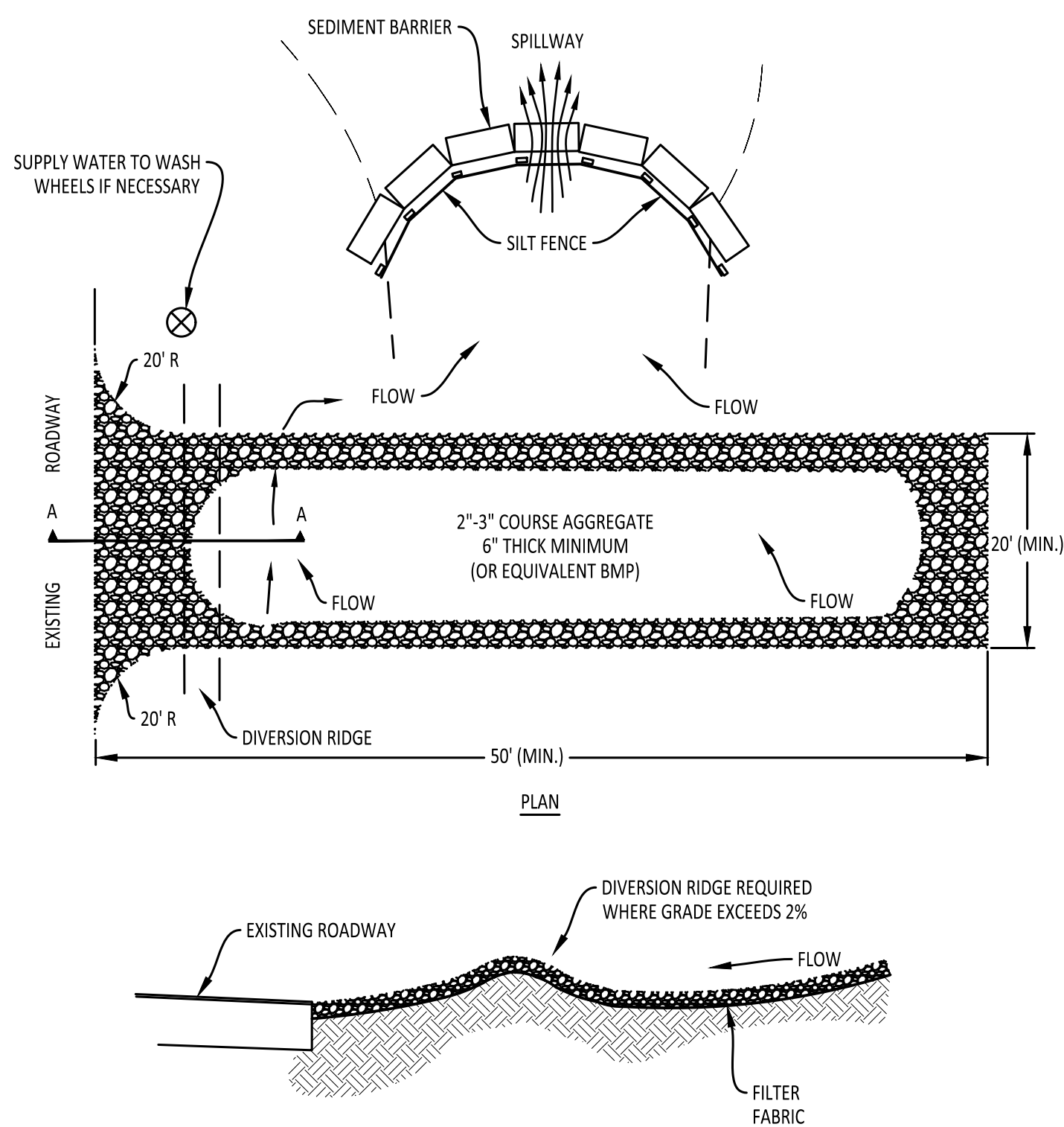


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GRADING & DRAINAGE PLAN		
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SWPPP MAILBOX

1

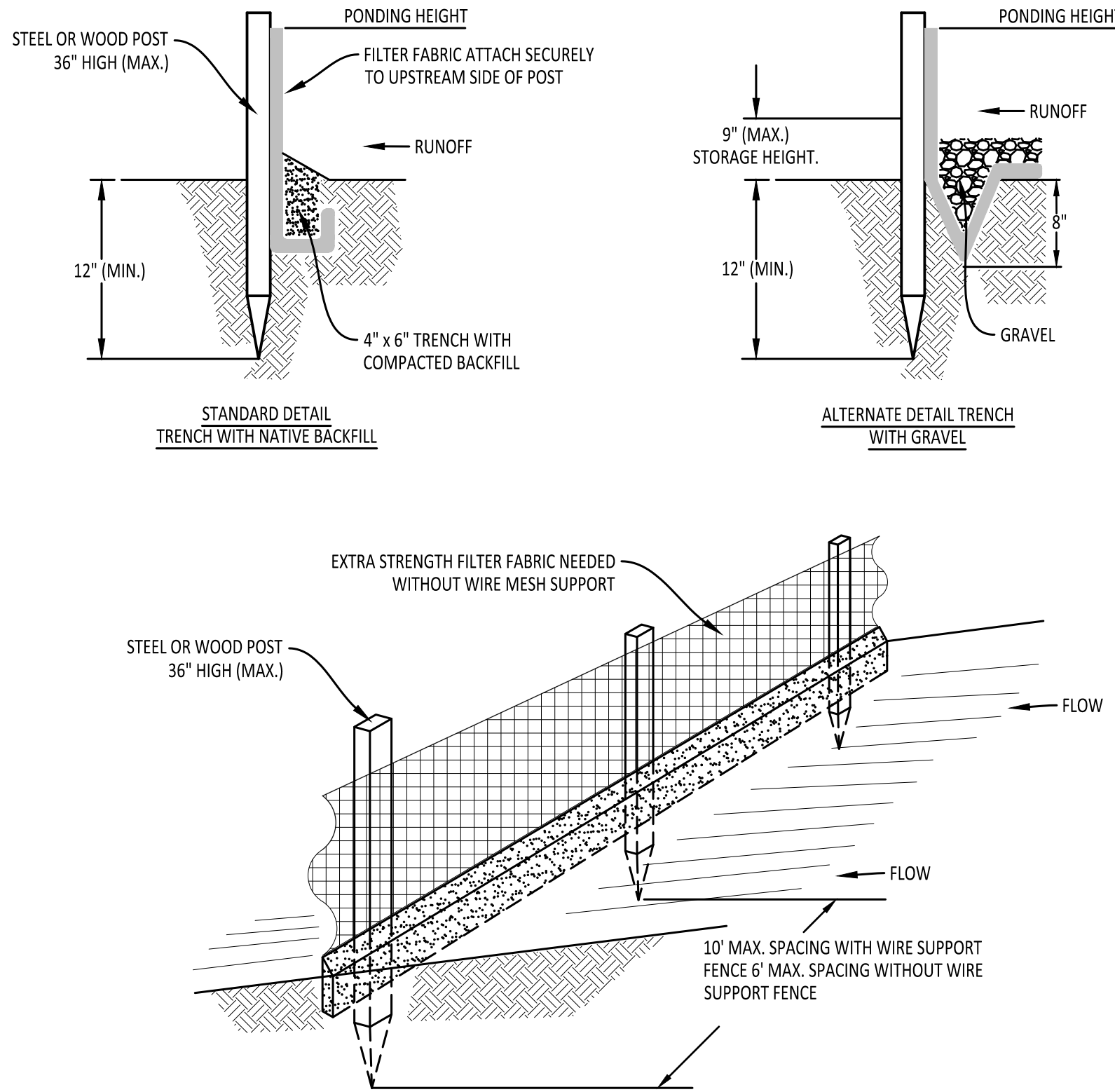


NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANING OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
4. USE SANDBAGS, STRAW BALES OR OTHER APPROVED METHODS TO CHANNEL RUNOFF TO BASIN AS REQUIRED. WHEN STRAW BALES ARE USED IN THIS APPLICATION A SILT FENCE IS TO BE INCLUDED AS SHOWN ON THE UPSTREAM SIDE OF THE SEDIMENT BARRIER.

CONSTRUCTION EXIT
W/ DIVERSION BERM

2

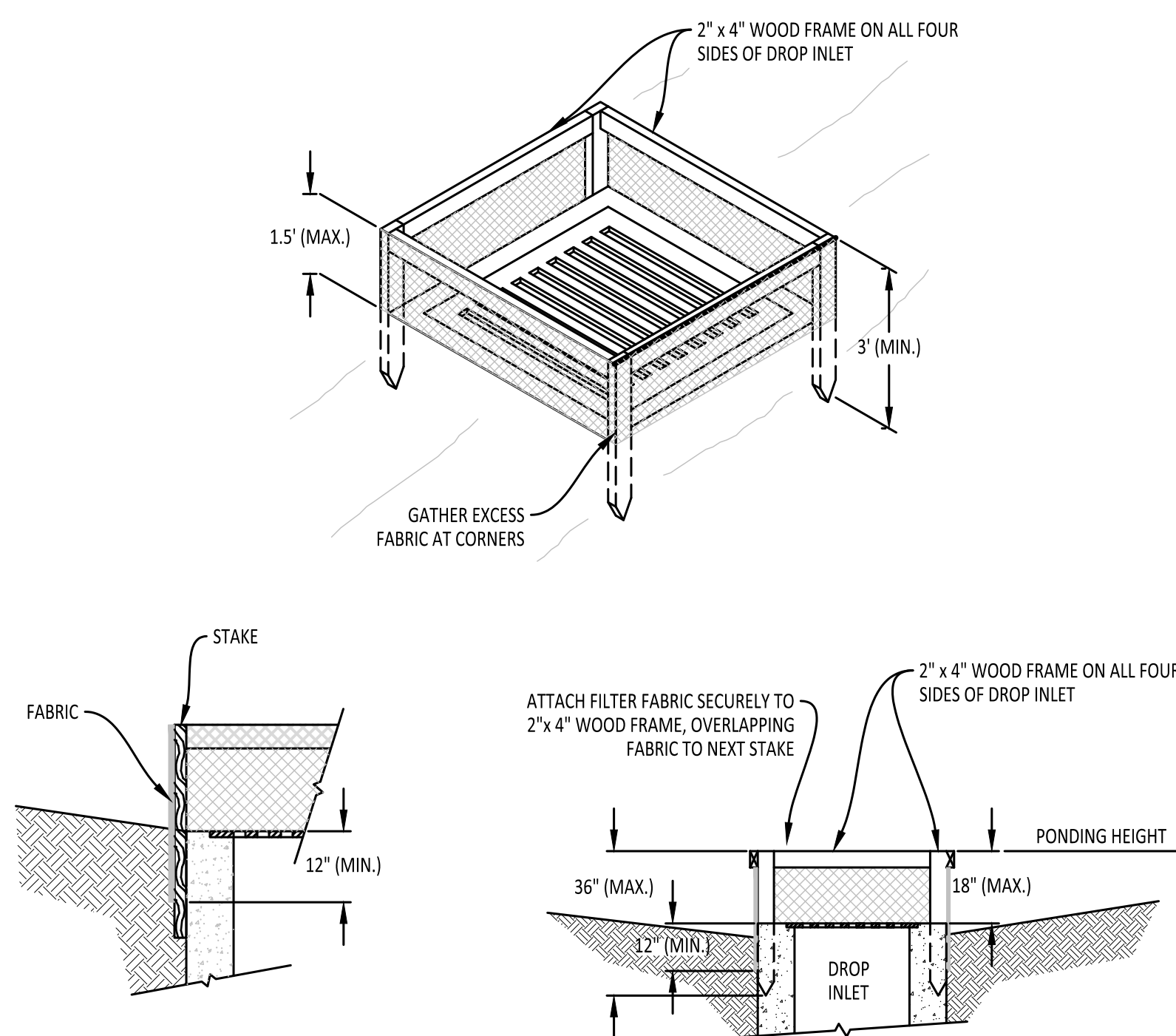


NOTES:

1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.

SILT FENCE

3

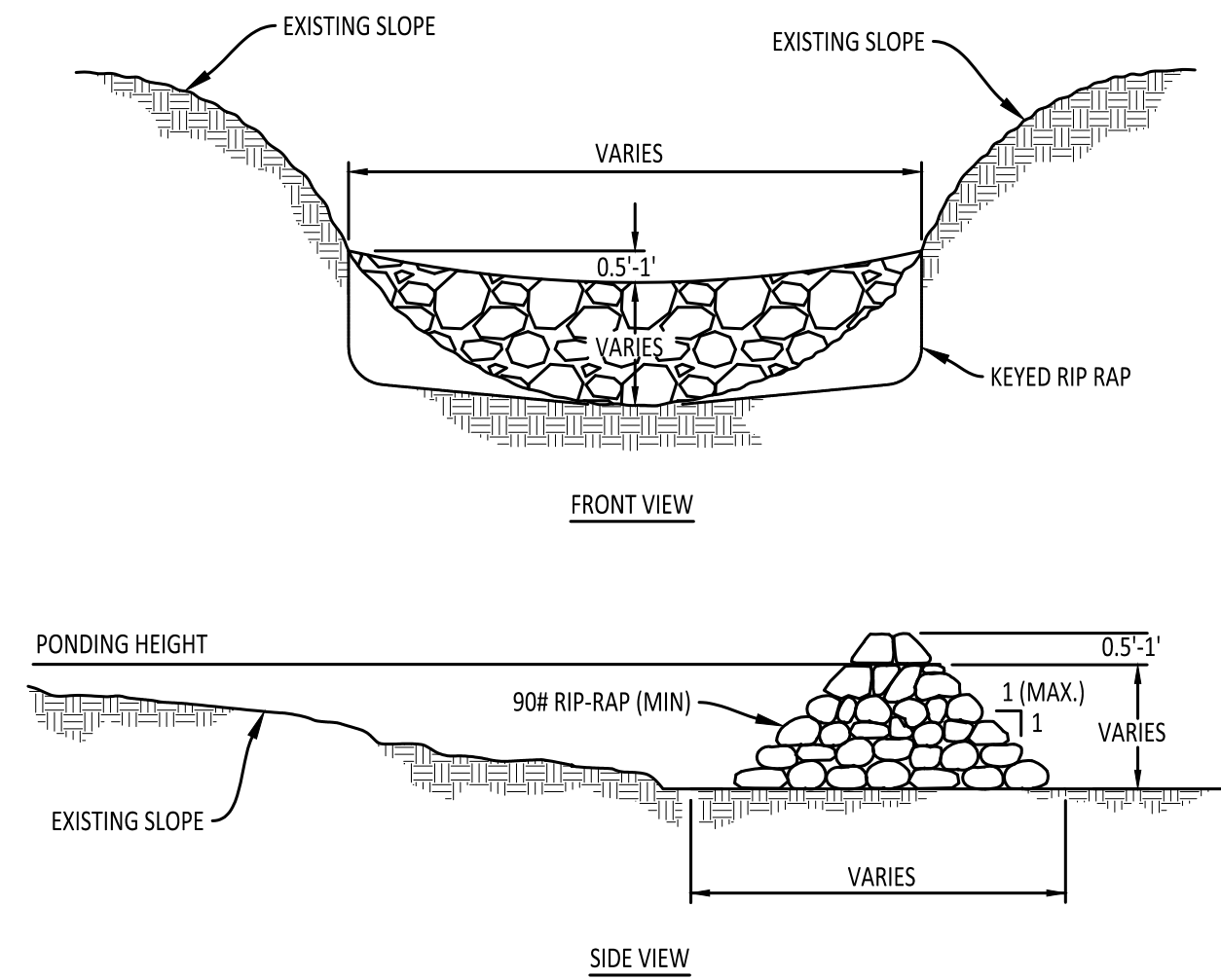


NOTES:

1. DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SMALL, NEARLY LEVEL DRAINAGE AREAS. (LESS THAN 5%)
2. USE 2"x 4" WOOD OR EQUIVALENT METAL STAKES. (3 FT. MIN. LENGTH)
3. INSTALL 2"x 4" WOOD TOP FRAME TO INSURE STABILITY.
4. THE TOP OF THE FRAME (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BYPASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.

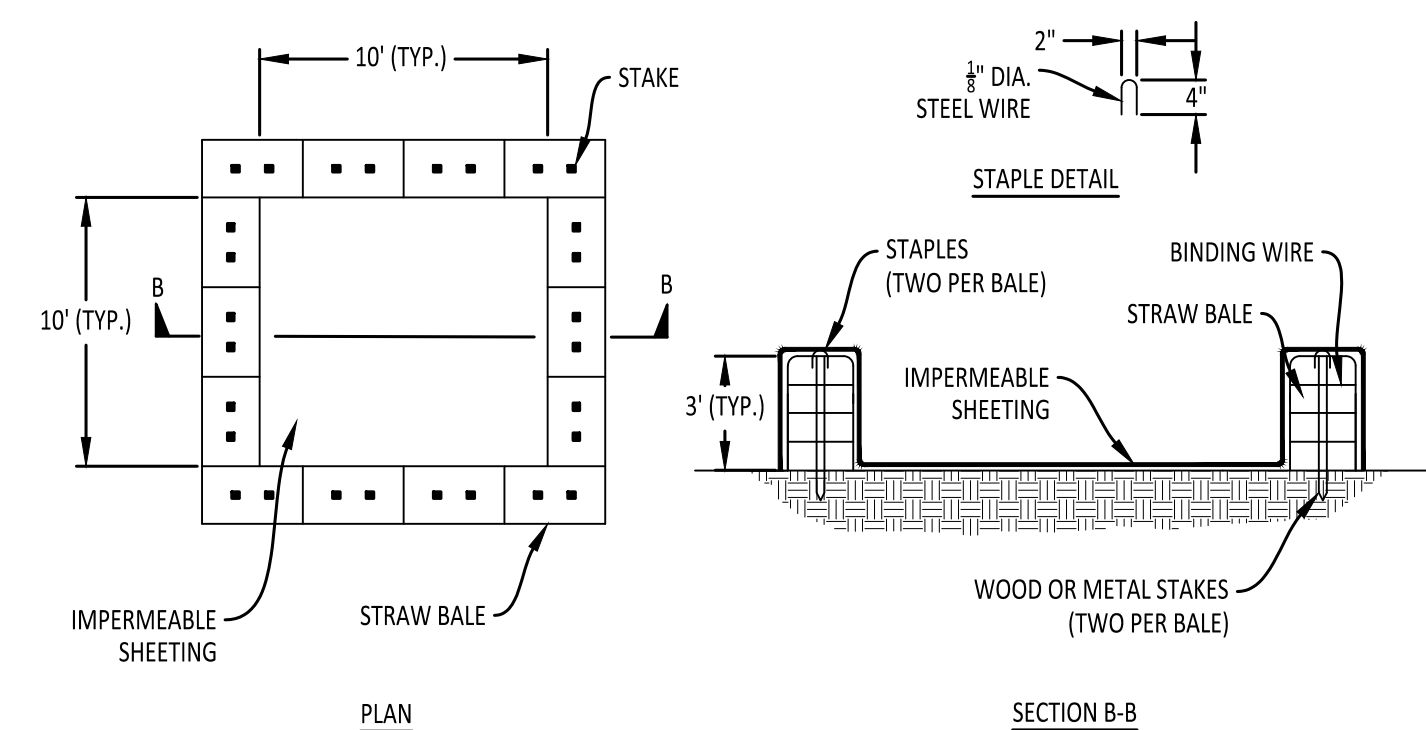
SEDIMENT BARRIER AT DROP INLET

4



RIP RAP CHECK DAM

5

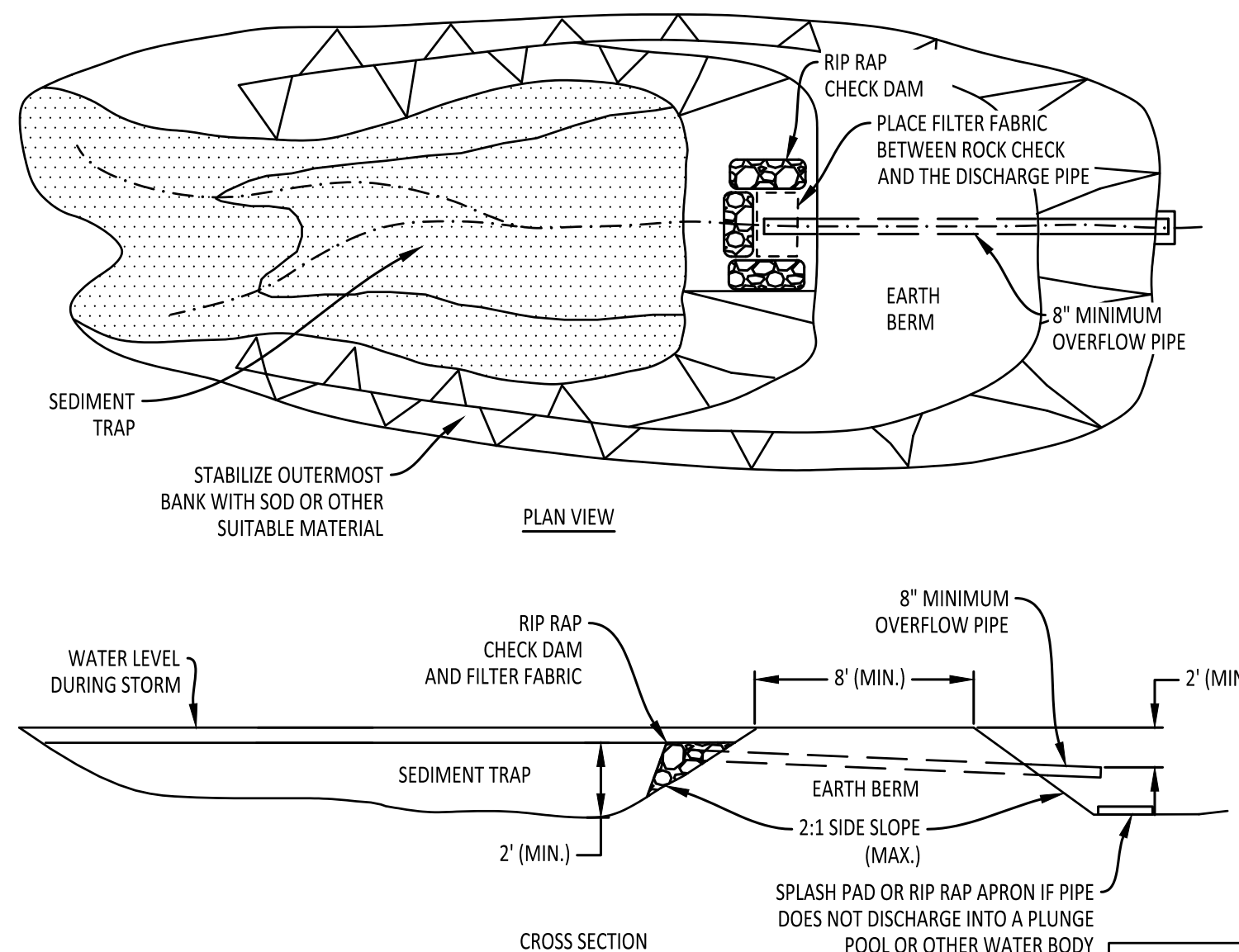


NOTES:

1. LOCATE WASHOUT STRUCTURE A MINIMUM OF 50 FEET AWAY FROM OPEN CHANNELS, STORM DRAIN INLETS, SENSITIVE AREAS, WETLANDS, BUFFERS AND WATER COURSES AND AWAY FROM CONSTRUCTION TRAFFIC.
2. SIZE WASHOUT STRUCTURE FOR VOLUME NECESSARY TO CONTAIN WASH WATER AND SOLIDS AND MAINTAIN AT LEAST 4 INCHES OF FREEBOARD. TYPICAL DIMENSIONS ARE 10 FEET X 10 FEET X 3 FEET DEEP.
3. PREPARE SOIL BASE FREE OF ROCKS OR OTHER DEBRIS THAT MAY CAUSE TEARS OR HOLES IN THE LINER. FOR LINER, USE 10 MIL OR THICKER UV RESISTANT, IMPERMEABLE SHEETING, FREE OF HOLES AND TEARS OR OTHER DEFECTS THAT COMPROMISE IMPERMEABILITY OF THE MATERIAL.
4. PROVIDE A SIGN FOR THE WASHOUT IN CLOSE PROXIMITY TO THE FACILITY.
5. KEEP CONCRETE WASHOUT STRUCTURE WATER TIGHT. REPLACE IMPERMEABLE LINER IF DAMAGED [E.G., RIPPED OR PUNCTURED]. EMPTY OR REPLACE WASHOUT STRUCTURE THAT IS 75 PERCENT FULL, AND DISPOSE OF ACCUMULATED MATERIAL PROPERLY. DO NOT REUSE PLASTIC LINER. WET VACUUM STORED LIQUIDS THAT HAVE NOT EVAPORATED AND DISPOSE OF IN AN APPROVED MANNER. PRIOR TO FORECASTED RAINSTORMS, REMOVE LIQUIDS OR COVER STRUCTURE TO PREVENT OVERFLOWS. REMOVE HARDENED SOLIDS, WHOLE OR BROKEN UP, FOR DISPOSAL OR RECYCLING. MAINTAIN RUNOFF DIVERSION AROUND EXCAVATED WASHOUT STRUCTURE UNTIL STRUCTURE IS REMOVED.

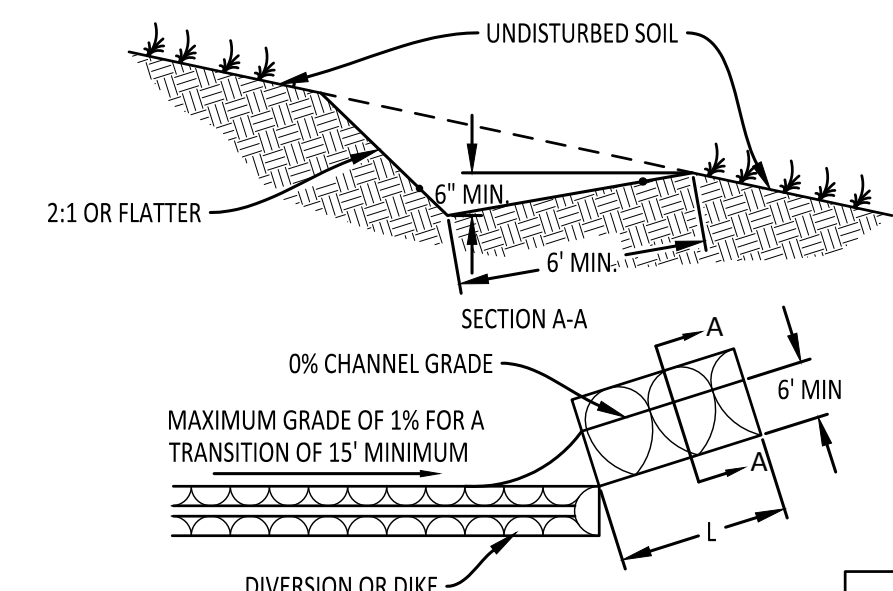
CONCRETE WASHOUT

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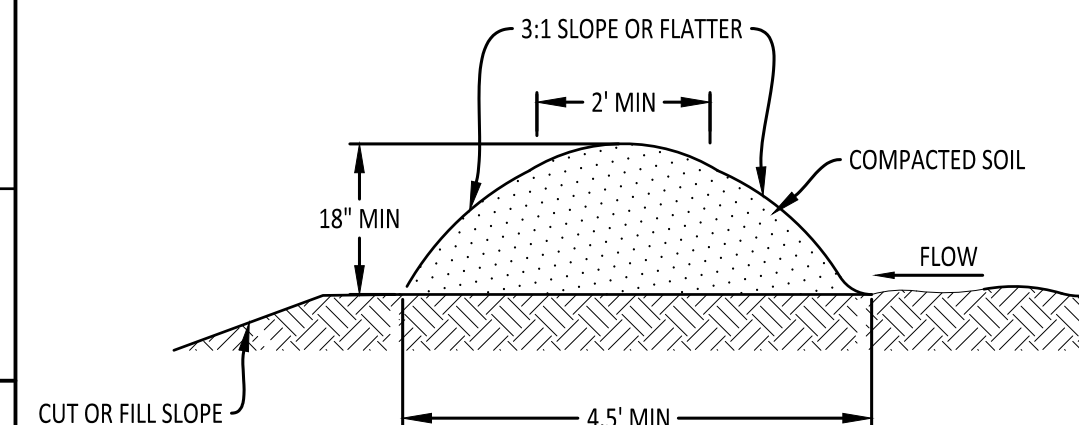
EROSION CONTROL SEDIMENT BASIN

7



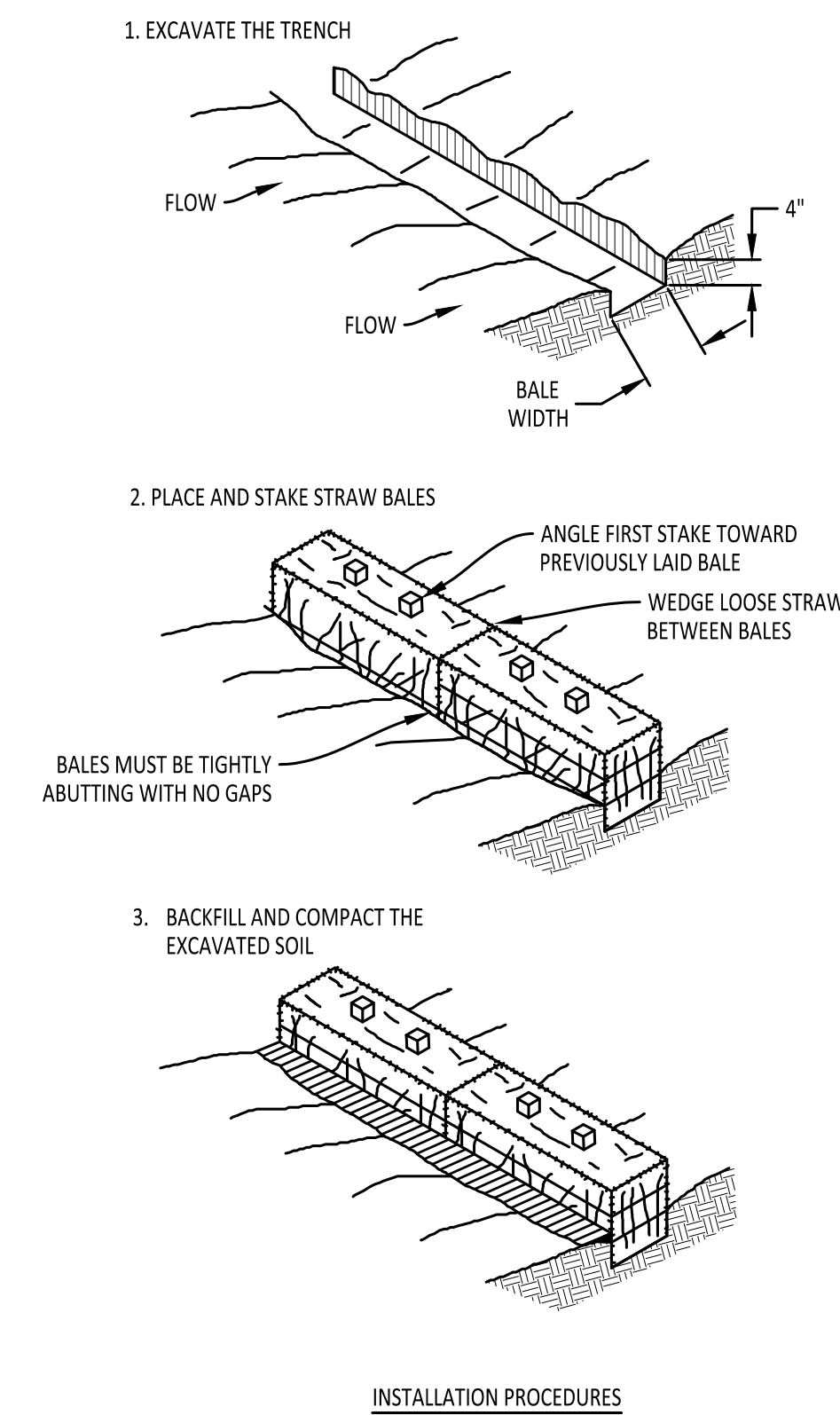
LEVEL SPREADER

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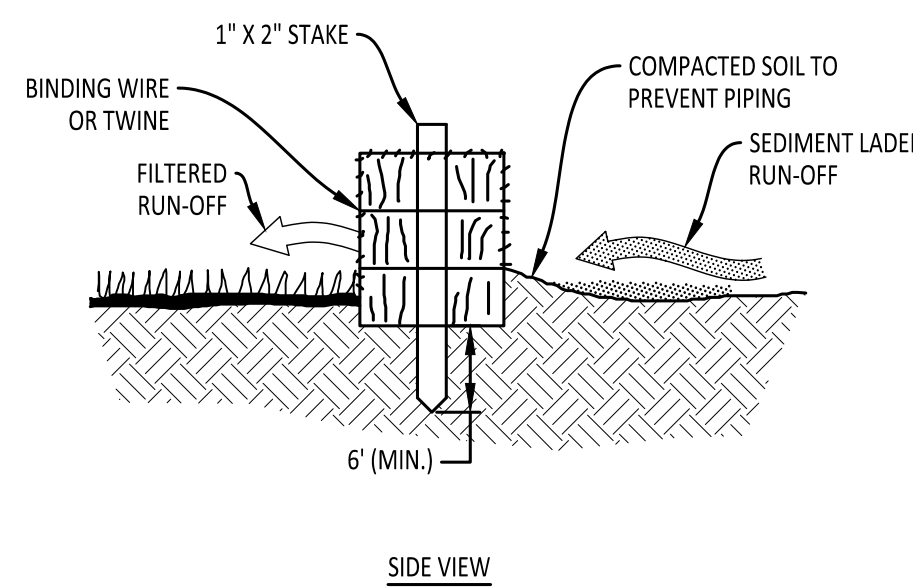


TEMPORARY DIVERSION DIKE

9



INSTALLATION PROCEDURES



STRAW BALE BARRIER

10

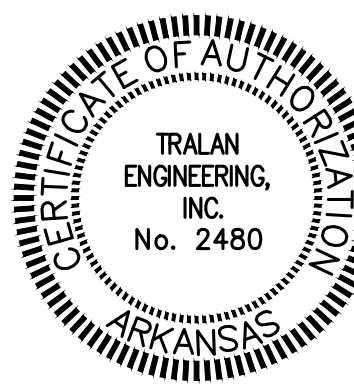
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SWPPP
DETAILS

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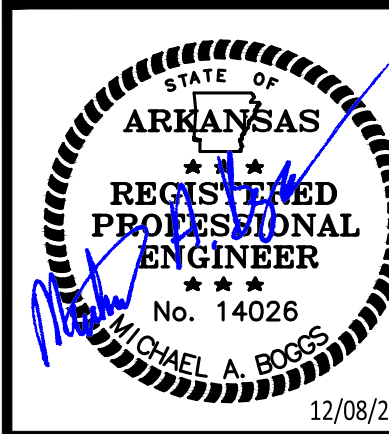
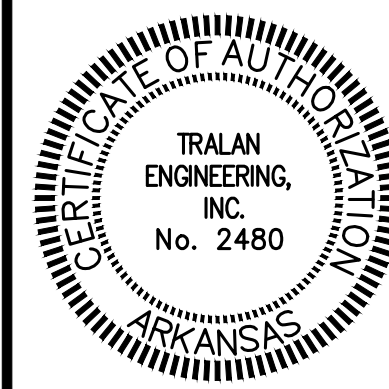


AS APPROVED BY ENGINEER, WALLS MAY BE 8" BLOCK WITH 1/2" MORTAR. FILL CELLS WITH CONCRETE AND WITH #4 @ 16" O.C. MINIMUM DISTANCE FROM WALL TO PIPE SHALL BE 8" IF BLOCK WALLS ARE CONSTRUCTED.

9

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