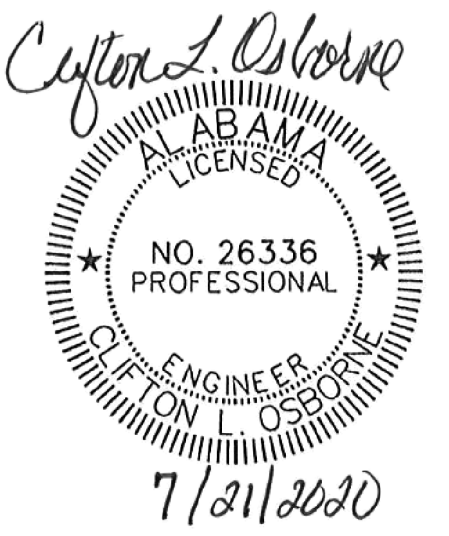




ANNISTON WATER WORKS AND SEWER BOARD

BALTZELL LS ELIMINATION ANNISTON, ALABAMA

PROJECT NUMBER: 6496



931 NOBLE STREET
ANNISTON, AL 36201
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256-241-2000

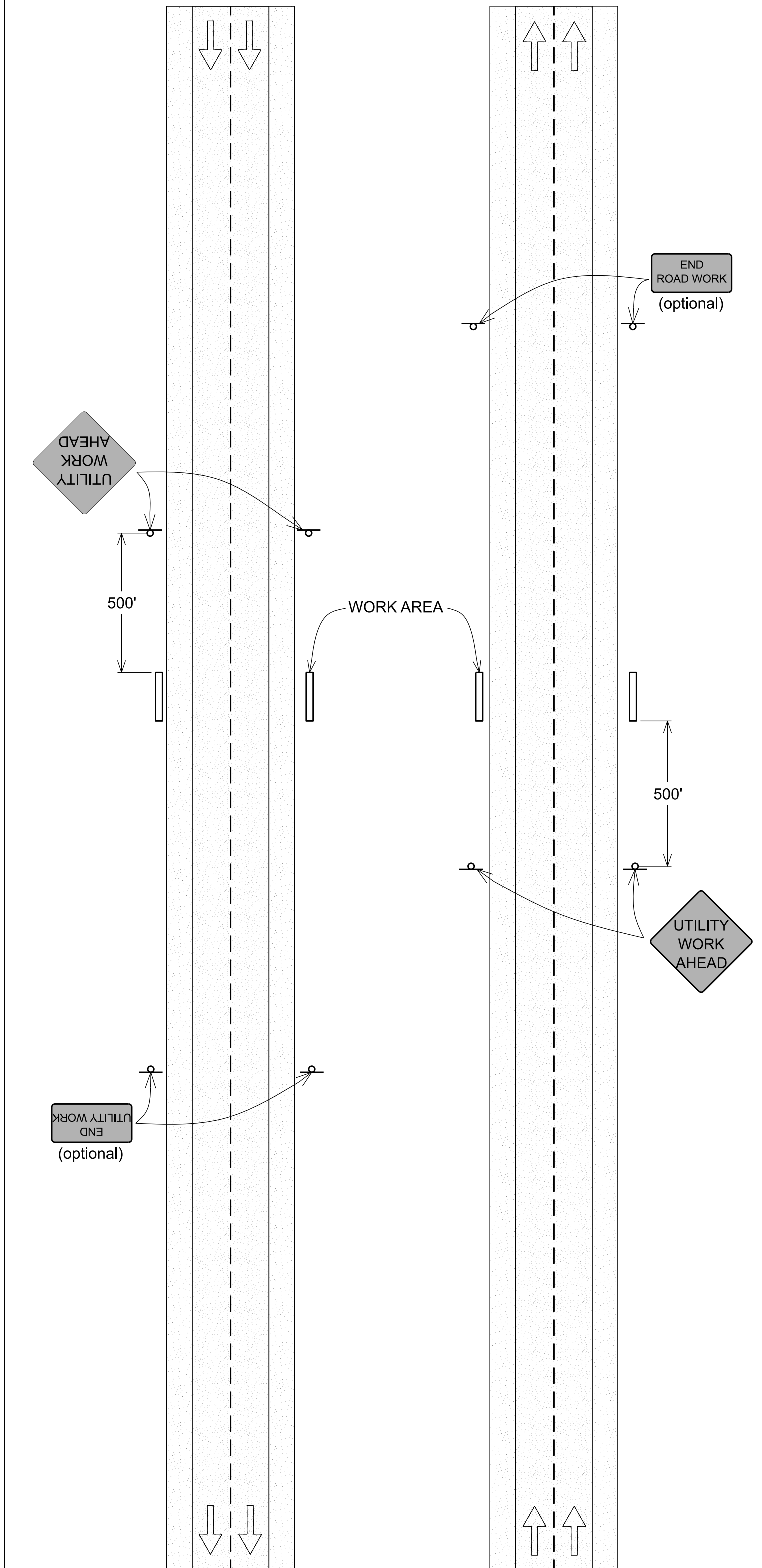
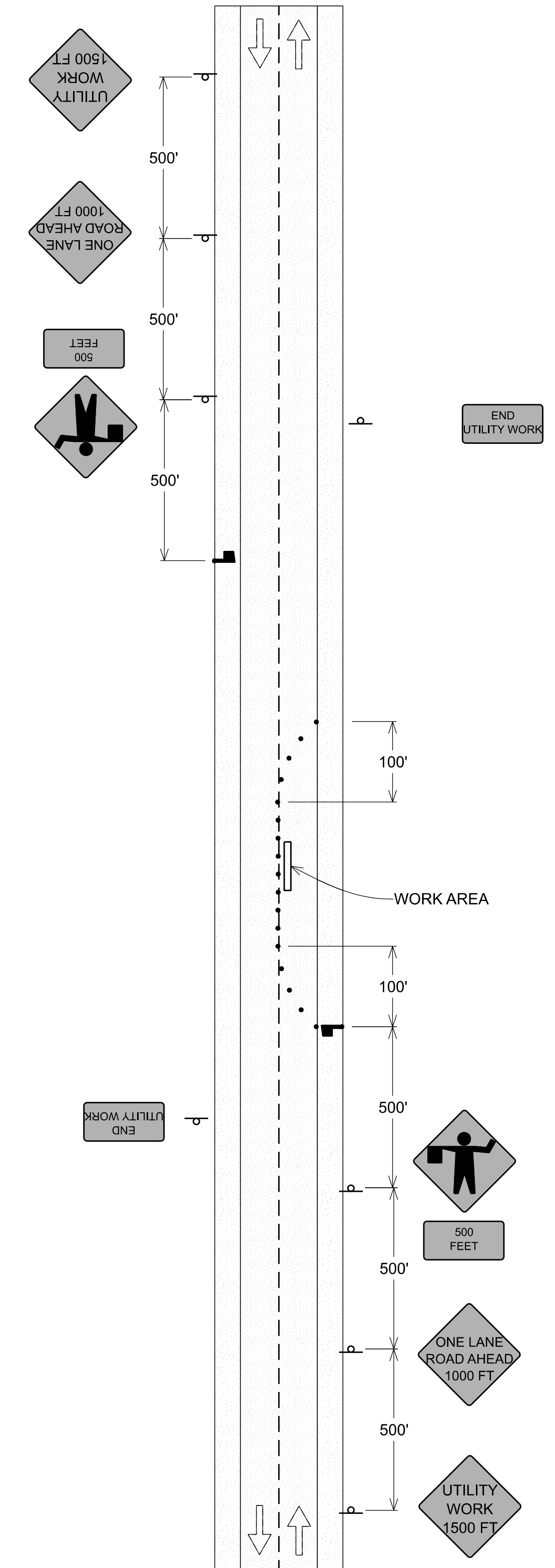
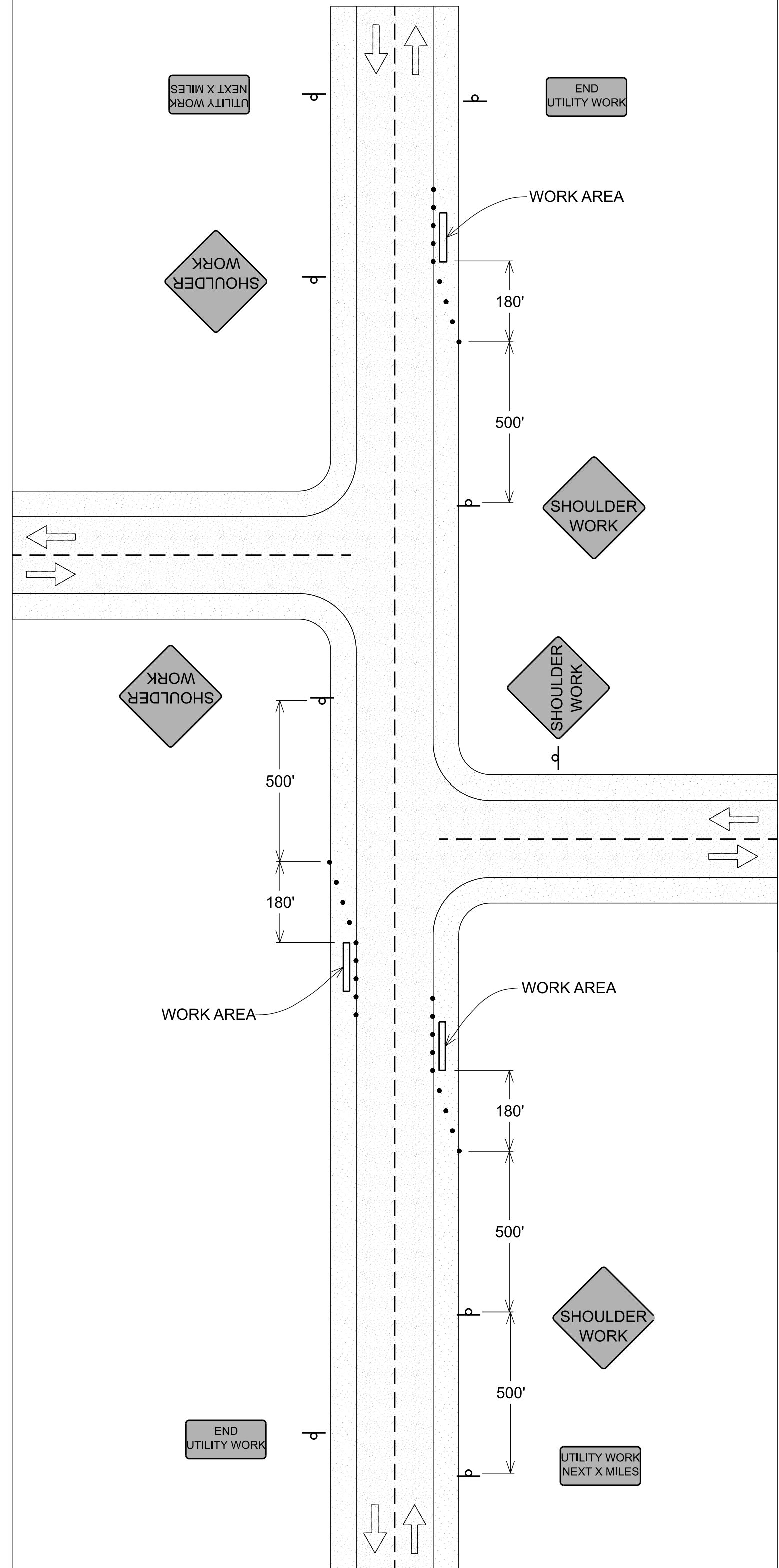
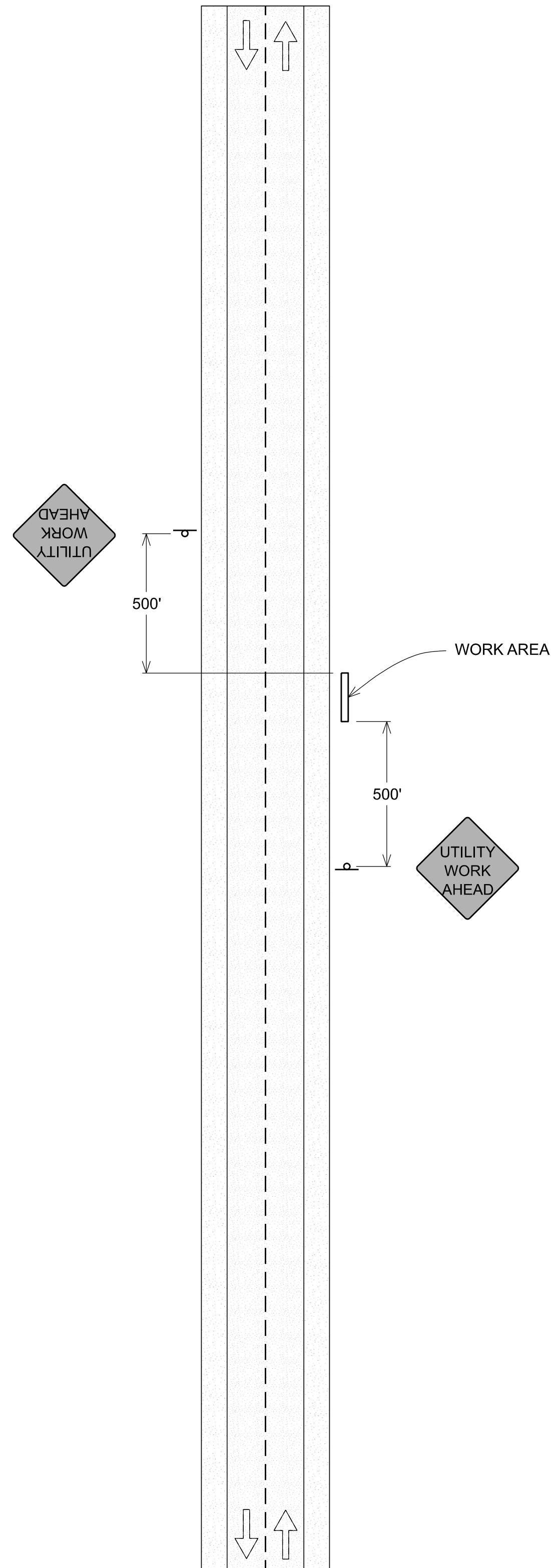
ANNISTON WATER WORKS
AND SEWER BOARD
BALTZELL LS ELIMINATION
ANNISTON, AL

Designed: CF Drawn by: CF
Checked By: CO
Project Number: 6496
Revisions:

No.	Date	Note

Sheet Title:
COVER PAGE
Issue Date: 07/21/2020 Sheet No. C-01
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TRAFFIC CONTROL:

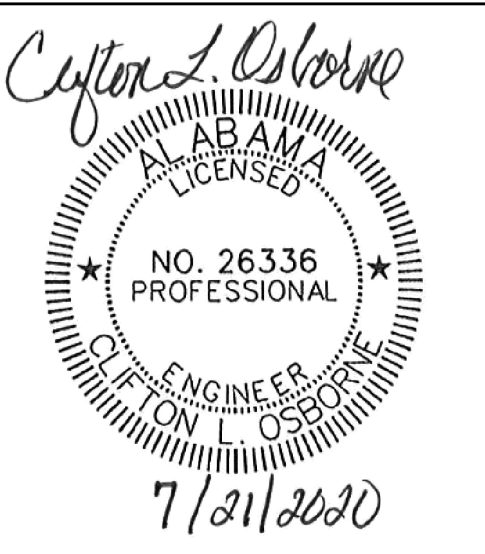


NOTES:
 1. THE ROAD WORK AHEAD SIGN MAY BE OMITTED WHERE THE WORK SPACE IS BEHIND A BARRIER, MORE THAN 24" BEHIND THE CURB, OR 15 FEET OR MORE FROM THE EDGE OF ANY ROAD

NOTES:
 1. A SHOULDER WORK SIGN SHOULD BE PLACED ON THE LEFT SIDE OF THE ROADWAY FOR A DIVIDED OR ONE WAY STREET ONLY IF THE LEFT SHOULDER IS AFFECTED.
 2. THE WORKERS SYMBOL SIGNS MAY BE USED INSTEAD OF SHOULDER WORK SIGNS.
 3. THE SHOULDER WORK AHEAD SIGN ON AN INTERSECTING ROADWAY MAY BE OMITTED WHERE DRIVERS EMERGING FROM THAT ROADWAY WILL ENCOUNTER ANOTHER ADVANCE WARNING SIGN PRIOR THIS ACTIVITY AREA.
 4. WHEN PAVED SHOULDER HAVING WIDTH OF 8 FEET OR MORE ARE CLOSED, AT LEAST ONE ADVANCE WARNING SIGN SHALL BE USED. IN ADDITION CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF WORK SPACE AND DIRECT VEHICULAR TRAFFIC TO REMAIN WITHIN THE TRAVELED WAY.

NOTES:
 1. FOR LOW VOLUME SITUATION WITH SHORT WORK ZONES ON STRAIGHT ROADWAYS WHERE THE FLAGGER IS VISIBLE TO THE ROAD USERS APPROACHING FROM BOTH DIRECTIONS, A SINGLE FLAGGER, POSITIONED TO BE VISIBLE TO THE ROAD USERS APPROACHING FROM BOTH DIRECTIONS, MAY BE USED.
 2. THE ROAD WORK AHEAD AND THE END ROAD WORK SIGN MAY BE OMITTED FOR SHORT-DURATION OPERATIONS.
 3. THE BUFFER SPACE SHOULD BE EXTENDED SO THAT THE TWO WAY TRAFFIC TAPPER IS PLACED BEFORE A HORIZONTAL (OR CHEST VERTICAL) CURVE TO PROVIDE ADEQUATE SIGHT DISTANCE FOR THE FLAGGER AND QUEUE OF STOPPED VEHICLES.

NOTES:
 1. THE ROAD WORK AHEAD SIGN MAY BE OMITTED WHERE THE WORK SPACE IS BEHIND A BARRIER, MORE THAN 24" BEHIND THE CURB, OR 15 FEET OR MORE FROM THE EDGE OF ANY ROAD



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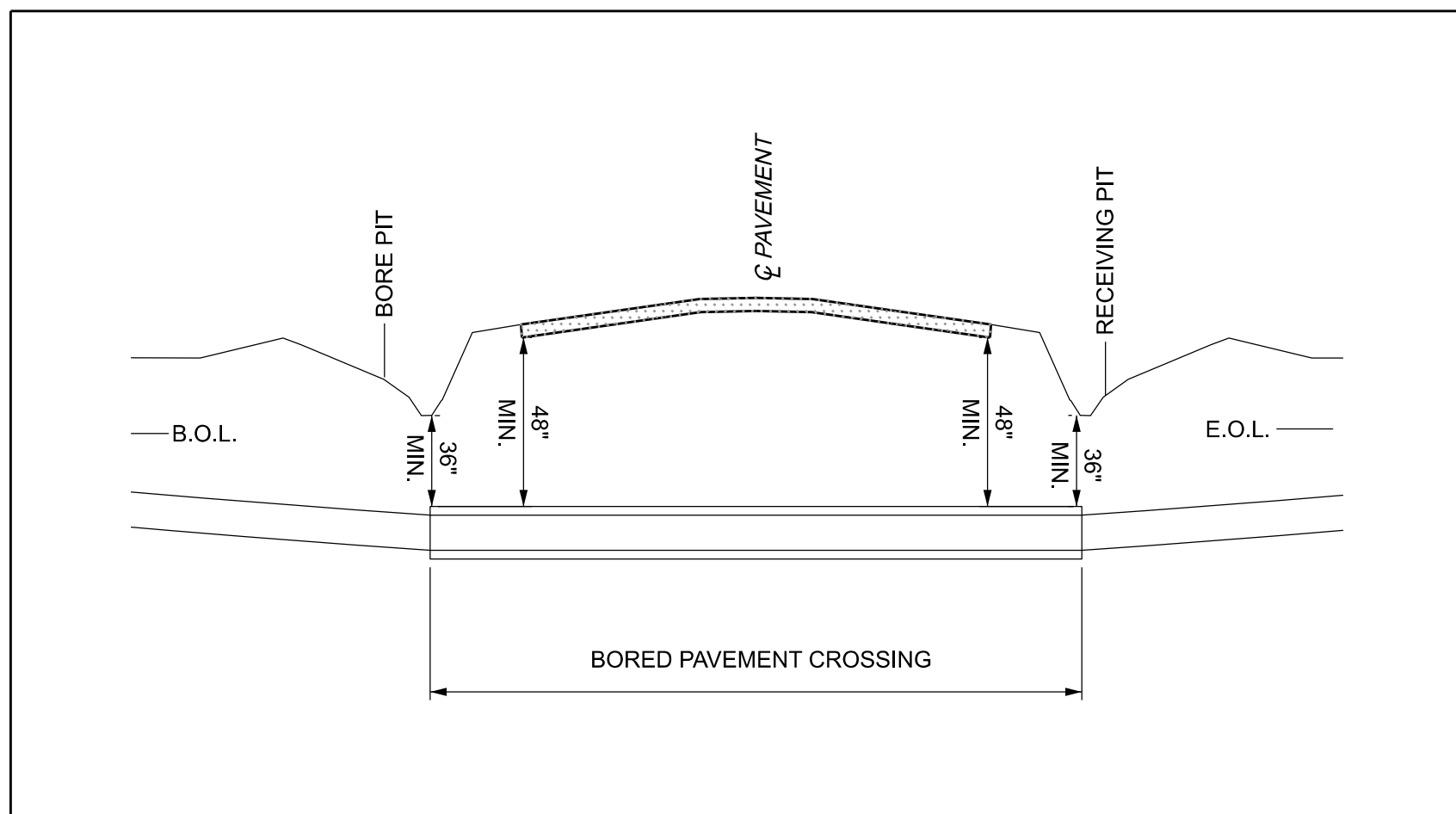
ANNISTON WATER WORKS
 AND SEWER BOARD
 BALTZELL LS ELIMINATION
 ANNISTON, AL

Designed: CF Drawn by: CF
 Checked By: CO
 Project Number: 6496
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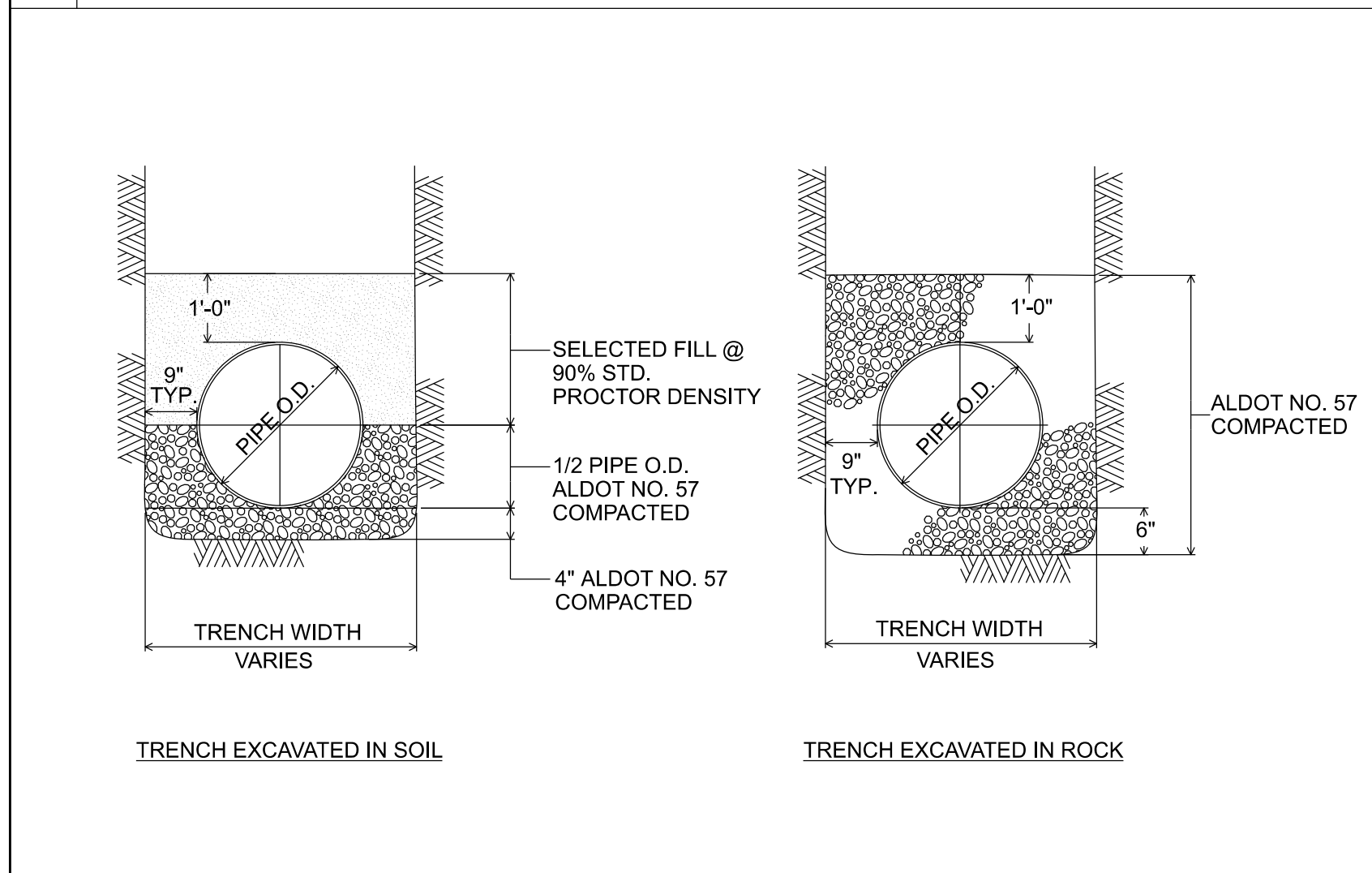
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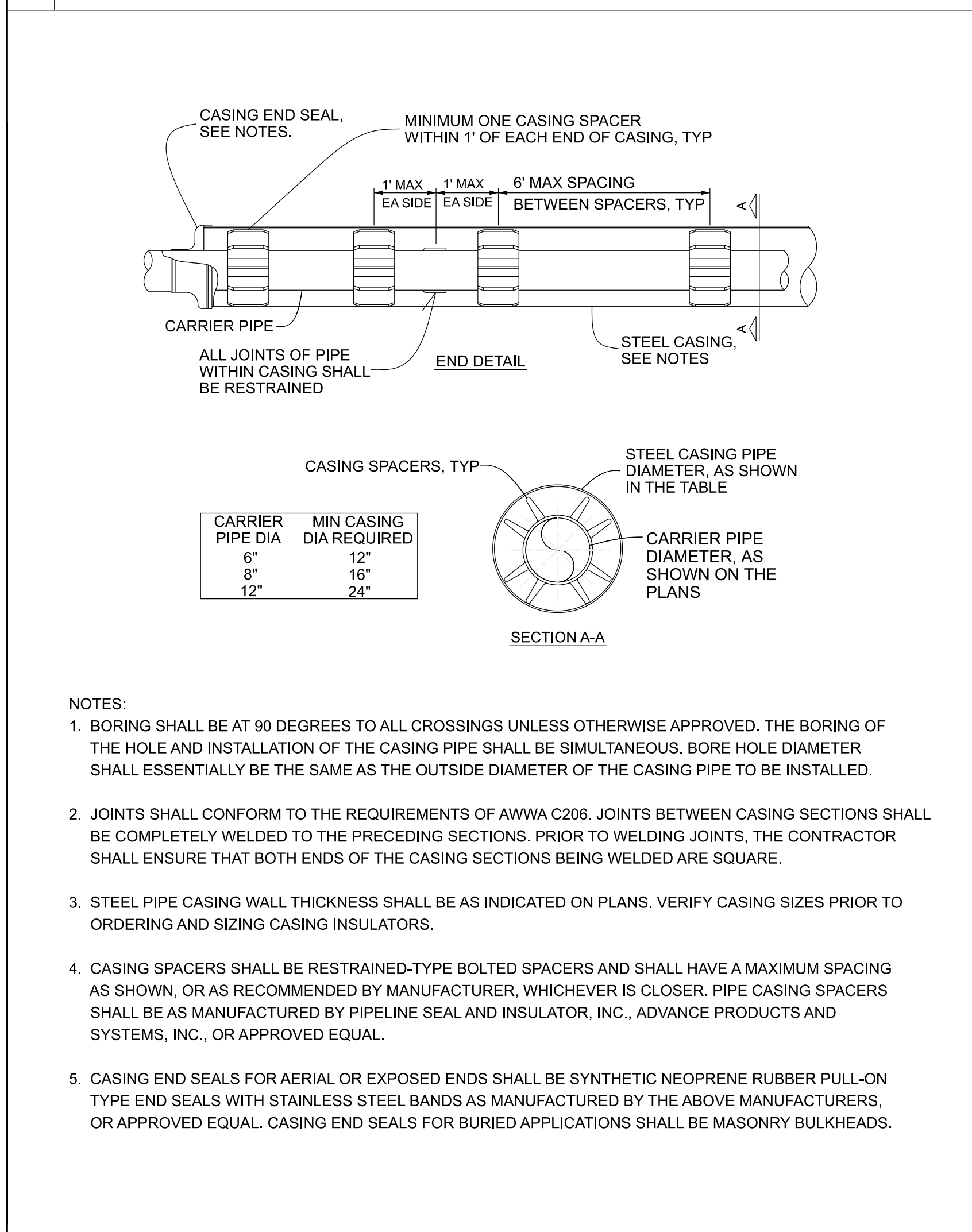
Issue Date: 07/21/2020 Sheet No. TC-01
 Sequence: 4 of 7



09 TYPICAL CROSSING PIPE NOT TO SCALE



06 DUCTILE IRON PIPE BEDDING & BACKFILL DETAIL NOT TO SCALE



01 TYPICAL PIPE CASING DETAIL NOT TO SCALE

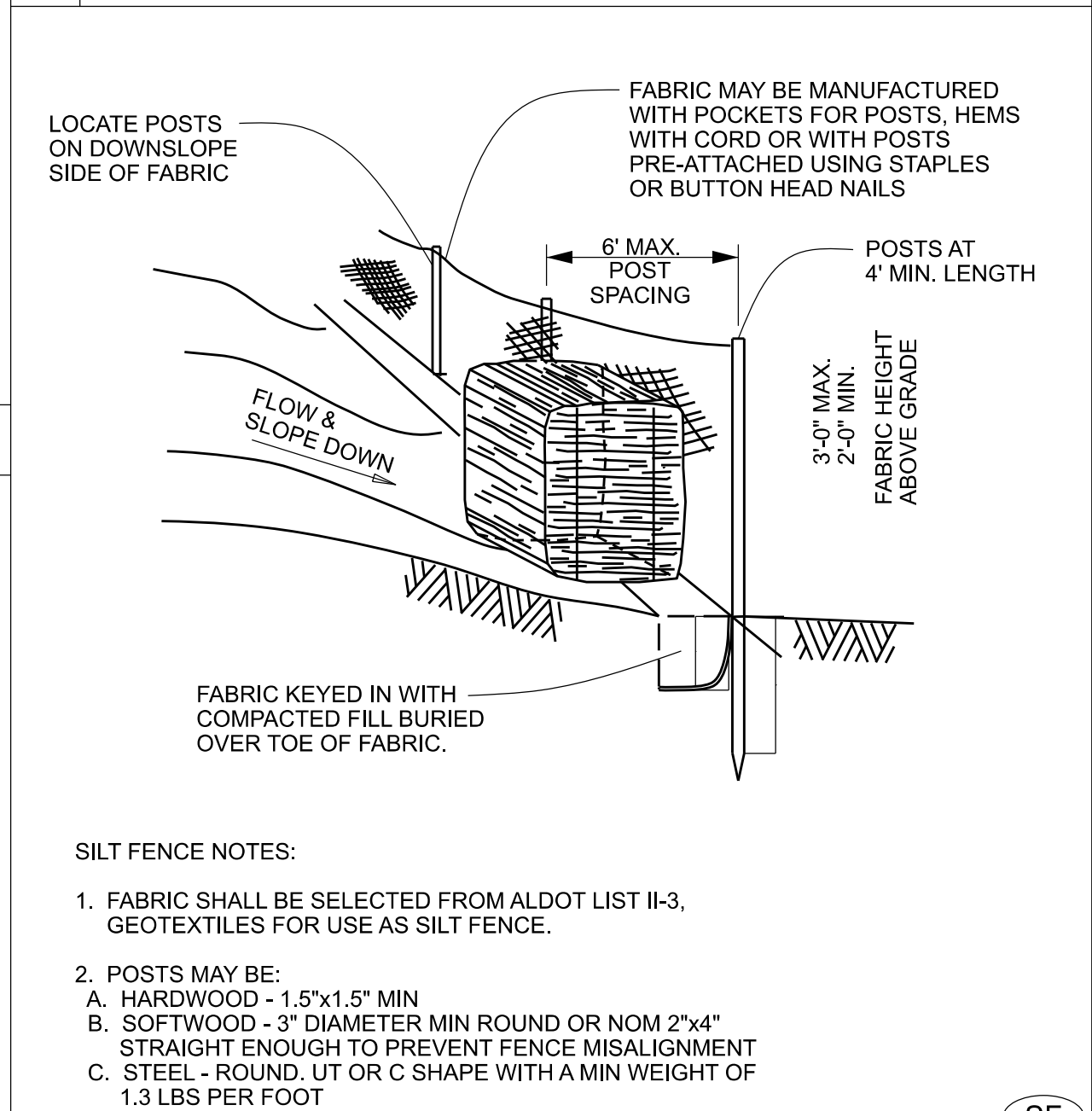
- NOTES:
1. ALL MANHOLES, VALVE BOXES, AND HANDHOLES SHALL BE MOUNTED FLUSH WITH GROUND.
 2. ALL WATER AND GAS METERS SHALL BE INSTALLED OFF OF ALDOT ROW.
 3. TRAFFIC CONTROL DEVICES SHALL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES LATEST EDITION.
 4. EROSION CONTROL DEVICES SHALL BE INSTALLED AND MAINTAINED DURING THE WORK AND SHOULD MEET THE REQUIREMENTS OF ALDOT AND ADEM REGULATIONS.
 5. ALL MATERIALS USED ON ALDOT ROW WILL CONFORM WITH ALDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION LATEST EDITION.
 6. ANY DAMAGE OCCURRED DURING CONSTRUCTION OF THE PROJECT TO ANYTHING WITHIN ROW WILL BE REPAIRED BY THE APPLICANT BY ALDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION LATEST EDITION.
 7. PRIOR TO ANY TRAFFIC CONTROL DEVICES BEING INSTALLED ON ROW, SOMEONE WITH THE RESPONSIBILITY OF TRAFFIC CONTROL SHALL CONTACT THE ALDOT OFFICE AT (256)820-3131 AT LEAST 24 HOURS IN ADVANCE OF THE FIRST INSTALLATION.
 8. ALL BORE PITS SHALL BE CLOSED AND DRESSED THE SAME DAY OR THERE IS TO BE CONSTRUCTION FENCE INSTALLED ALONG WITH EROSION CONTROL MEASURES TAKEN (HAY BALES AND SILT FENCE).
 9. APPLICANTS WILL NEED A QUALIFIED CREDENTIAL INSPECTOR FOR THE PROJECT AND THIS PERSON'S NAME AND CONTACT INFORMATION SHOULD BE MADE AVAILABLE TO THE ALDOT OFFICE AT (256)820-3131. A PRELIMINARY REVIEW SHALL BE DONE ON SITE PRIOR TO WORK ON ROW WITH ALDOT AND REVIEWS SHALL BE DONE IN ACCORDANCE TO ADEM REGULATIONS. THE QCI SHALL INSPECT BMPs AFTER EACH 1/2" RAIN AND EACH WEEK. THE REPORTS GENERATED FROM THESE INSPECTIONS SHALL BE SENT TO THE DISTRICT OFFICE WEEKLY.
 10. ALDOT MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO WORK BEGINNING ON ROW.
 11. ALL AREAS ON ROW SHALL BE NEATLY GRADED, DRESSED, GRASSED, AND MULCHED IN A MANNER TO ESTABLISH POSITIVE FLOW AND A HEALTHY STAND OF GRASS.
 12. APPLICANTS MUST PROVIDE CERTIFICATION THAT ALL EROSION CONTROL PRODUCTS AND HAY IS COGONGRASS FREE.
 13. APPLICANTS MUST REMOVE OR FILL ABANDONED LINES WITH GROUT. ALL AREAS ON ROW SHALL BE GRADED, DRESSED AND MULCHED IN A MANNER TO HAVE HEALTHY GRASS AND A POSITIVE FLOW FOR RUN OFF.
 14. ALL DRIVEWAYS SHALL BE RESTORED TO ORIGINAL CONDITION OF BETTER.
 15. ANY DAMAGES CAUSED BY THE CONTRACTOR DURING THE CONSTRUCTION PROCESS SHALL BE FIXED OR REPLACED AS IT WAS ORIGINALLY OR GREAT.
 16. NO TRENCHES OR PITS SHALL BE LEFT OPEN WITHOUT SUPERVISION AND SHALL BE COVERED WITH STEEL ROAD PLATES IN THE MATTER OF NO SUPERVISION.
 17. IN THE MATTER OF A PAVEMENT REPLACEMENT THE CONTRACTOR IS RESPONSIBLE FOR KEEPING A LEVEL GRADE PRIOR TO THE PAVING PROCESS AND ALL TRENCHES WITHIN PAVEMENT SHALL BE BACKFILLED WITH CRUSHED STONE.

- 07 NOTES
- EROSION CONTROL:
1. THE EROSION CONTROL MEASURES SHOWN ARE A REQUIRED MINIMUM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION OF SEDIMENT TRANSPORT FROM THIS PROPERTY IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS DURING CONSTRUCTION. THE CONTRACTOR SHALL INSTALL ADDITIONAL DEVICES AND IMPLEMENT ADDITIONAL PRACTICES IF WARRANTED BY FIELD CONDITIONS.
 2. PRIOR TO CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL INSTALL ALL SILT FENCING AND SEDIMENT TRAPS, SEDIMENT BASINS, AS SHOWN.
 3. THE CONTRACTOR SHALL INSPECT AND MAINTAIN ALL EROSION CONTROL DEVICES AND PRACTICES. INSPECTIONS SHALL BE PERFORMED AT LEAST ONCE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A RAINFALL EVENT OF 1/2" OR GREATER.
 4. THE CONTRACTOR SHALL BEGIN STABILIZATION MEASURES IN PORTIONS OF THE DISTURBED AREA AS SOON AS PRACTICABLE. HOWEVER, STABILIZATION MEASURES MUST BE INITIATED WITHIN 14 CALENDAR DAYS ON PORTIONS WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY CEASED. ADDITIONALLY, STABILIZATION MEASURES MUST BE INITIATED WITHIN 21 CALENDAR DAYS ON PORTIONS WHERE CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED.
 5. ALL DISTURBED AREAS NOT ENCOMPASSED BY STRUCTURES, PAVEMENT OR CALLED OUT FOR OTHER SURFACE TREATMENT SHALL BE, AT A MINIMUM, TOP SOILED, SEEDED AND MULCHED IN ACCORDANCE WITH THE SPECIFICATIONS.
 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL EROSION CONTROL MEASURES EXCEPT CHANNEL LINING AND OUTLET PROTECTION AFTER SITE STABILIZATION. THE CONTRACTOR SHALL DRESS ALL AREAS TO THE LINE AND GRADE SHOWN ON THESE PLANS.
 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND/OR FLUSHING SEDIMENT FROM EXISTING STORM DRAINS IF AN EXCESSIVE AMOUNT IS COLLECTED DURING CONSTRUCTION ACTIVITIES.
 8. CONSTRUCTION ENTRANCES SHALL BE ESTABLISHED AND MAINTAINED FOR ENTIRE PROJECT TO PREVENT TRACKING OF MUD/DIRT OR DEBRIS ONTO THE PUBLIC RIGHT-OF-WAY AND ALL ADJACENT PROPERTIES. ANY MUD/DIRT OR DEBRIS THAT IS INADVERTENTLY TRACKED ONTO TO PUBLIC RIGHT-OF-WAY AND ADJACENT PROPERTIES SHALL BE REMOVED IMMEDIATELY.
 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION OF WIND-BORNE SEDIMENT FROM LEAVING THE PROPERTY. THE CONTRACTOR SHALL SPRINKLE WATER ON BARE SOIL AREAS AS REQUIRED TO WET THE SURFACE. THE CONTRACTOR SHALL ADJUST THE FREQUENCY OF THESE SPRINKLINGS TO MATCH FIELD CONDITIONS.

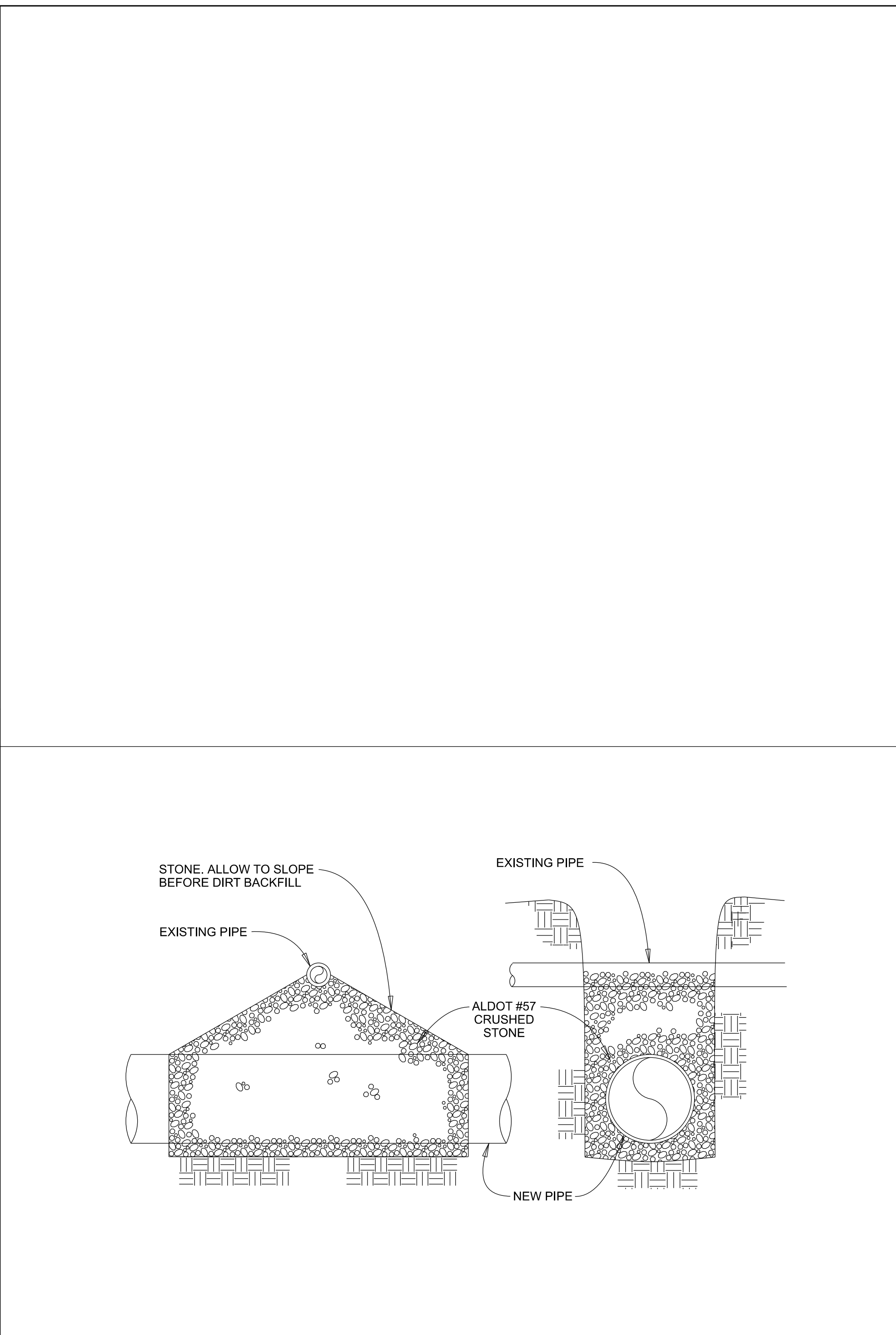
02 EROSION CONTROL NOTES

- GENERAL:
1. THE CONTRACTOR SHALL UTILIZE EROSION CONTROL BEST MANAGEMENT PRACTICES (BMPs) TO PREVENT THE DISCHARGE OF SEDIMENT-BEARING WATER RUNOFF OR AIRBORNE DUST FROM THE PROJECT SITE IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS DURING CONSTRUCTION.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AN NPDES PERMIT FOR STORMWATER DISCHARGE FROM THE CONSTRUCTION SITE(S) FOR ALL WORK DESCRIBED IN THESE SPECIFICATIONS AND SHOWN ON THE DRAWINGS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MEET ALL REQUIREMENTS AND OBLIGATIONS OF THE PERMIT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH MAKING APPLICATION FOR THE PERMIT AND FOR MEETING THE REQUIREMENTS OF THE PERMIT.
 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSPECTION AND MAINTENANCE OF ALL BMPs IN ACCORDANCE WITH THE REQUIREMENTS OF THE PERMITTING AUTHORITY.
 4. THE CONTRACTOR SHALL ENSURE THAT ALL DOWNSLOPE BMPs ARE INSTALLED AND FUNCTIONAL BEFORE ANY LAND DISTURBING ACTIVITY IS COMMENCED ON ANY PORTION OF THE SITE.
 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADDITIONAL BMPs IF REQUIRED BY FIELD CONDITIONS, THE ENGINEER OR A PERMITTING AUTHORITY HAVING JURISDICTION OVER THE SITE.
 6. THE INSTALLATION OF SILT FENCES SHALL BE IN CONFORMANCE WITH THE SILT FENCE MANUFACTURER'S RECOMMENDATIONS. PARTICULAR CARE SHALL BE EXERCISED TO ENSURE THAT ALL SILT FENCING IS PROPERLY KEYED INTO THE EARTH AT THE TOE.
 7. THE CONTRACTOR SHALL MAINTAIN, CLEAN, REPAIR OR REPLACE SILT FENCE AS MAY BE REQUIRED DURING THE CONSTRUCTION PERIOD. IF A LINE OF SILT FENCING EXCEEDS ITS CAPACITY TO FUNCTION PROPERLY AND THE NEED FOR A BACKUP FENCE BECOMES EVIDENT, THE CONTRACTOR SHALL INSTALL A SECONDARY LINE OF SILT FENCE AT THE AFFECTED AREAS AS REQUIRED AND AUTHORIZED BY THE ENGINEER. FAILURE TO MAINTAIN A SILT FENCE SHALL NOT BE CAUSE FOR THE CONTRACTOR TO CLAIM ADDITIONAL COMPENSATION.
 8. AFTER STABILIZATION OF THE DISTURBED AREA HAS BEEN ACHIEVED, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL TEMPORARY BMPs AND DRESS OUT THOSE AREAS TO THE PROPER LINE AND GRADE.

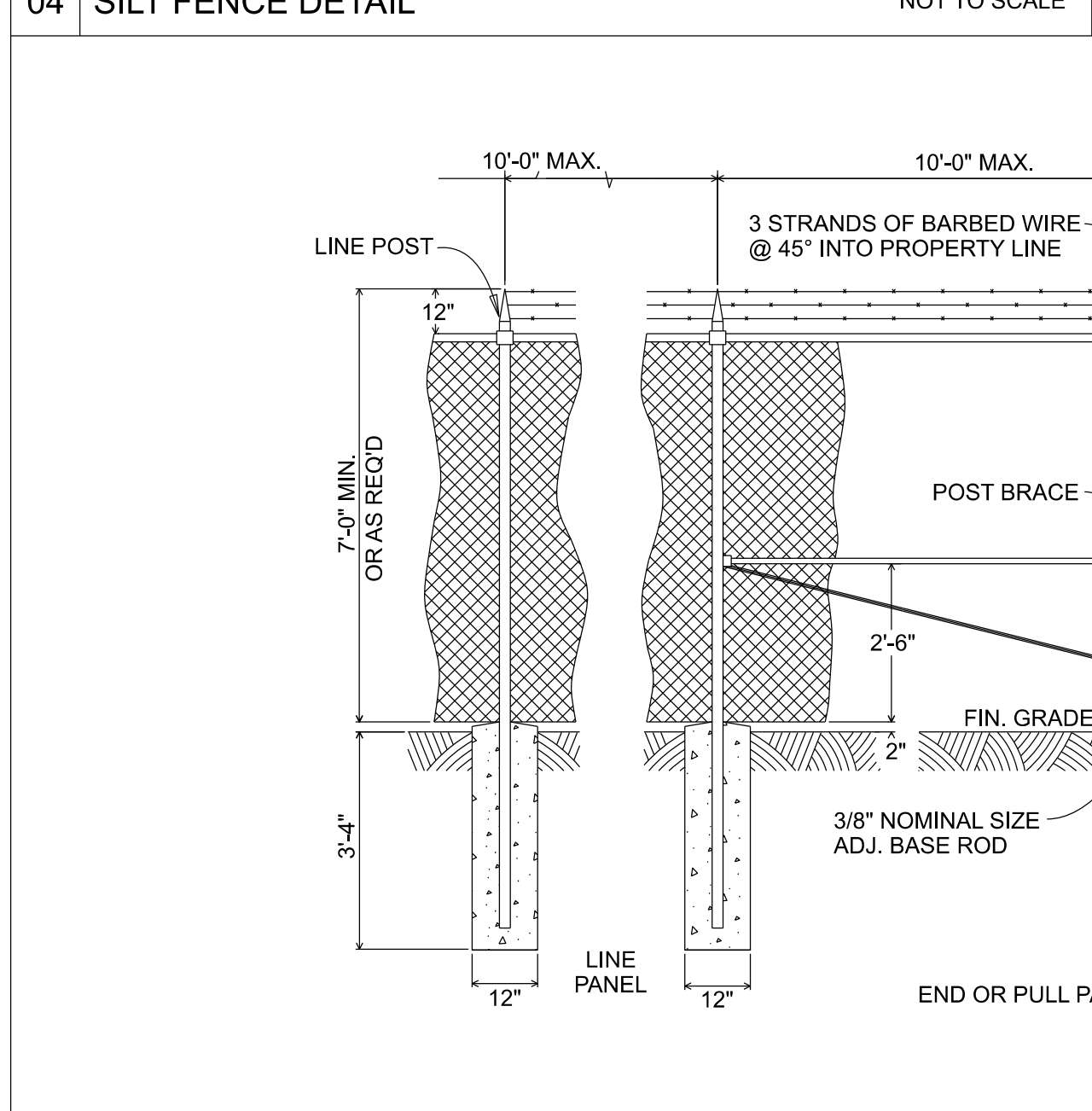
08 BEST MANAGEMENT PRACTICES



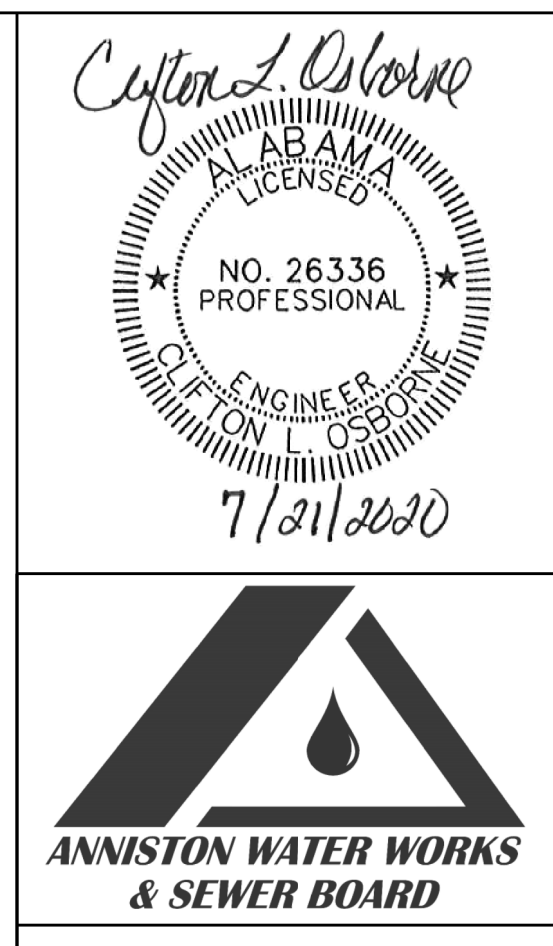
04 SILT FENCE DETAIL NOT TO SCALE



05 UTILITY CROSSING PROTECT DETAIL NOT TO SCALE



03 CHAIN LINK FENCE DETAIL NOT TO SCALE

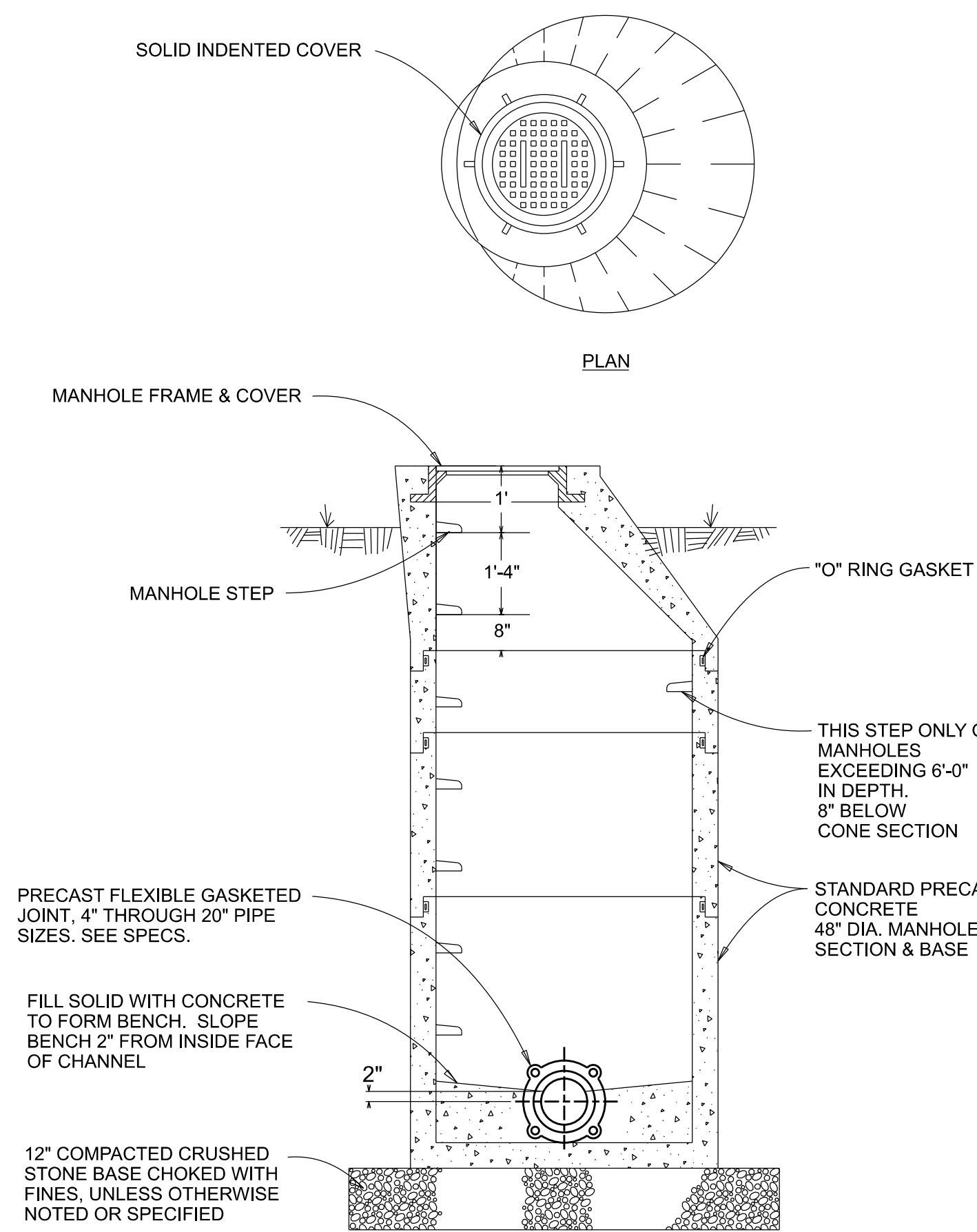


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ANNISTON WATER WORKS AND SEWER BOARD
BALTZELL LS ELIMINATION ANNISTON, AL

Designed:	CF	Drawn by:	CF
Checked By:	CO	Project Number:	6496
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Sheet Title:	EROSION CONTROL & MISCELLANEOUS DETAILS		
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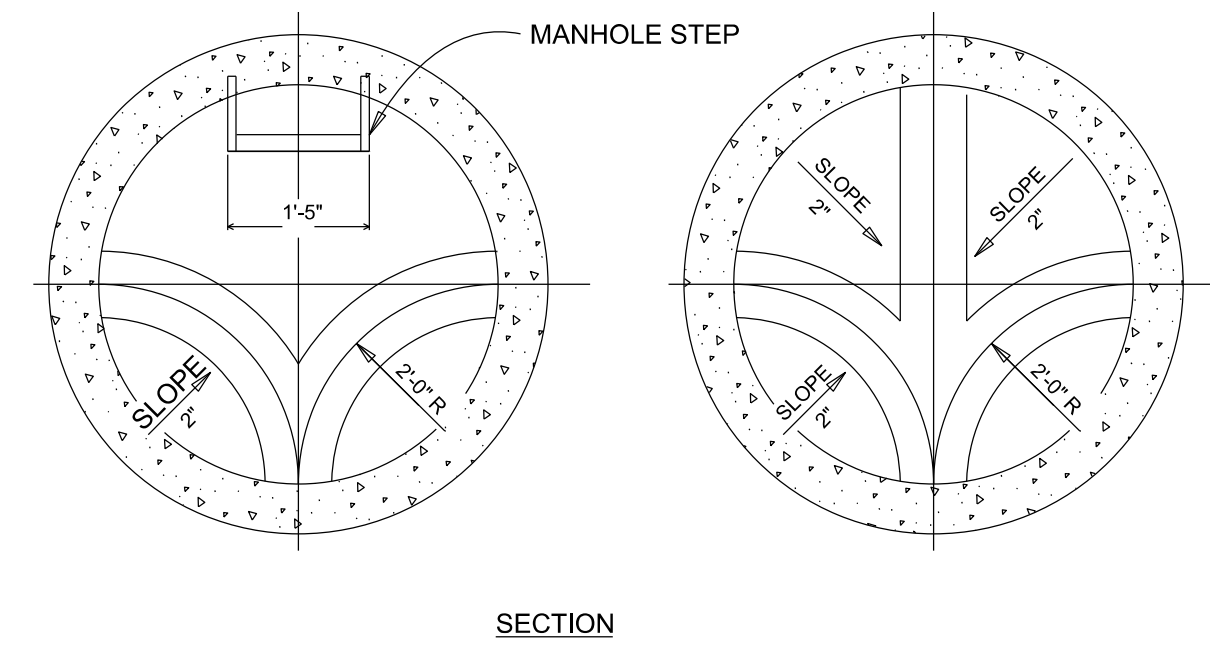
NOTE: PROVIDE CONCEALED LIFTING HOLES IN COVER



04
DT-02

06 STANDARD MANHOLE STEP NOT TO SCALE

NOTE: AT JUNCTION MANHOLES WHERE PIPES ARE DIFFERENT SIZES, PLACE TOPS OF ALL INCOMING PIPES AT SAME ELEVATION, UNLESS OTHERWISE NOTED OR SPECIFIED.

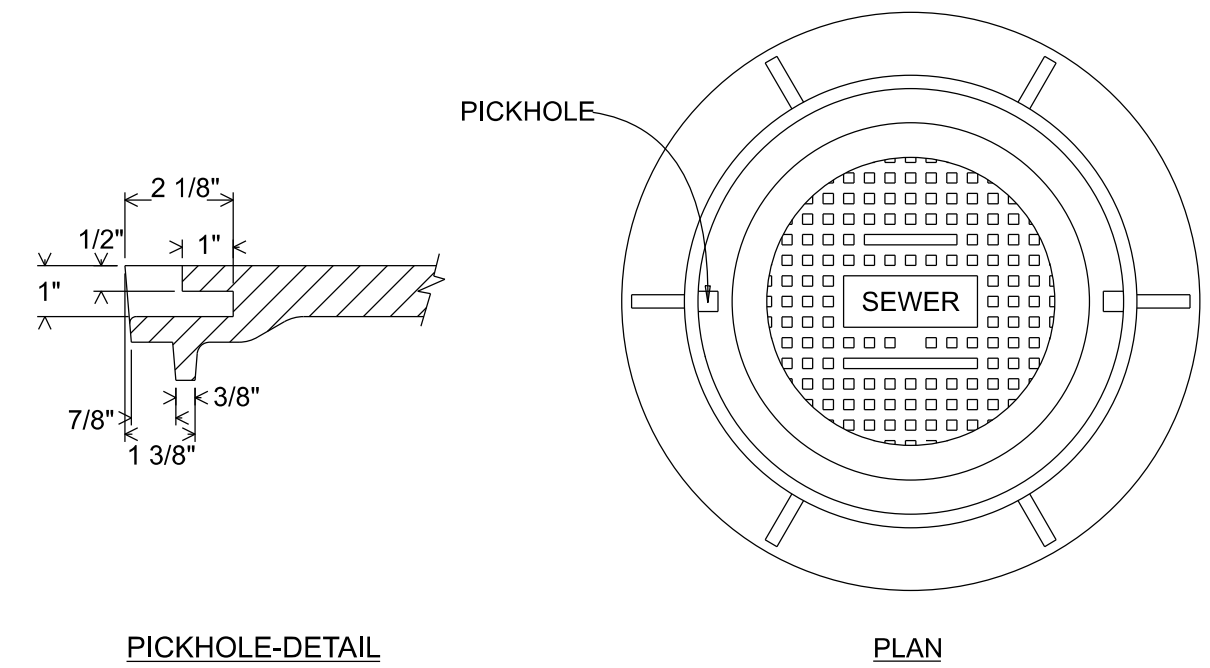


06
DT-02

04 STANDARD MANHOLE DETAIL - ECCENTRIC NOT TO SCALE

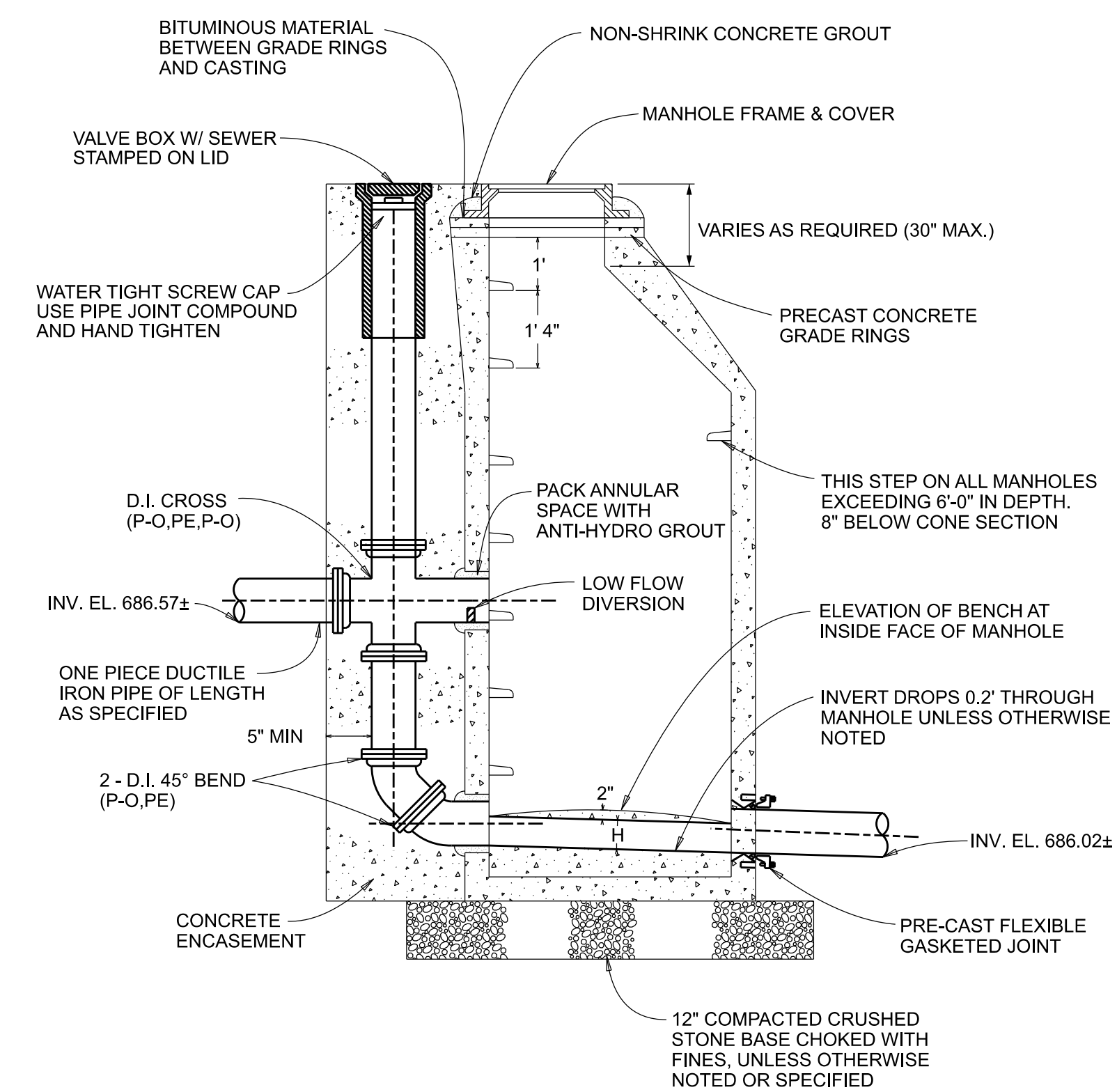
05 INTERSECTING INVERTS NOT TO SCALE

NOTE: WATERPROOF FRAME & COVER DETAILS NOT SHOWN. SEE DRAWINGS FOR LOCATIONS.



PICKHOLE-DETAIL

PLAN



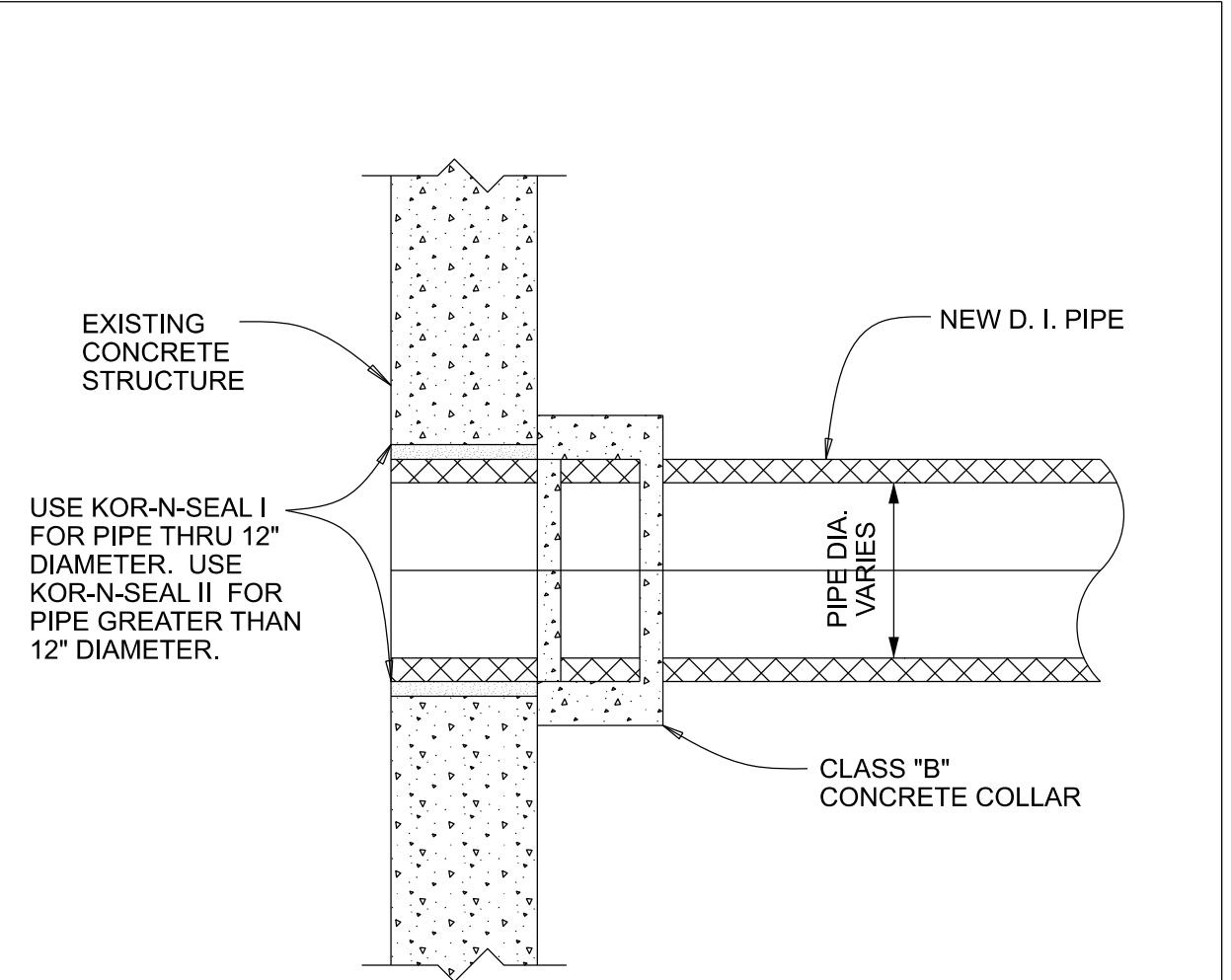
01
DT-02

01 DROP MANHOLE DETAIL - ECCENTRIC NOT TO SCALE

02 MANHOLE FRAME & COVER DETAIL NOT TO SCALE

02
DT-02

02 MANHOLE FRAME & COVER DETAIL NOT TO SCALE



03 CONNECTING TO EXISTING STRUCTURE NOT TO SCALE

Clifton L. Osborne
ALABAMA
LICENSED
NO. 26336
PROFESSIONAL
CIVIL ENGINEER
IN THE STATE OF ALABAMA
7/21/2020



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Designed: CF Drawn by: CF
Checked By: CF
CO
Project Number:
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No.	Date	Note

Sheet Title:
MISCELLANEOUS DETAILS

Issue Date: 07/21/2020 Sheet No. DT-02
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