

*CITY OF RIDGELAND
 TRACE RIDGE DRAINAGE
 REHABILITATION
 WEI# C06-026*

CITY OFFICIALS:

MAYOR

GENE F. McGEE

BOARD OF ALDERMEN

- KEN HEARD, WARD 1
- CHUCK GAUTIER, WARD 2
- KEVIN HOLDER, WARD 3
- LARRY ROBERTS, WARD 4
- SCOTT JONES, WARD 5
- LINDA DAVIS, WARD 6
- GERALD STEEN, AT-LARGE

CITY ATTORNEY

JERRY MILLS

DIRECTOR OF PUBLIC WORKS

MIKE McCOLLUM

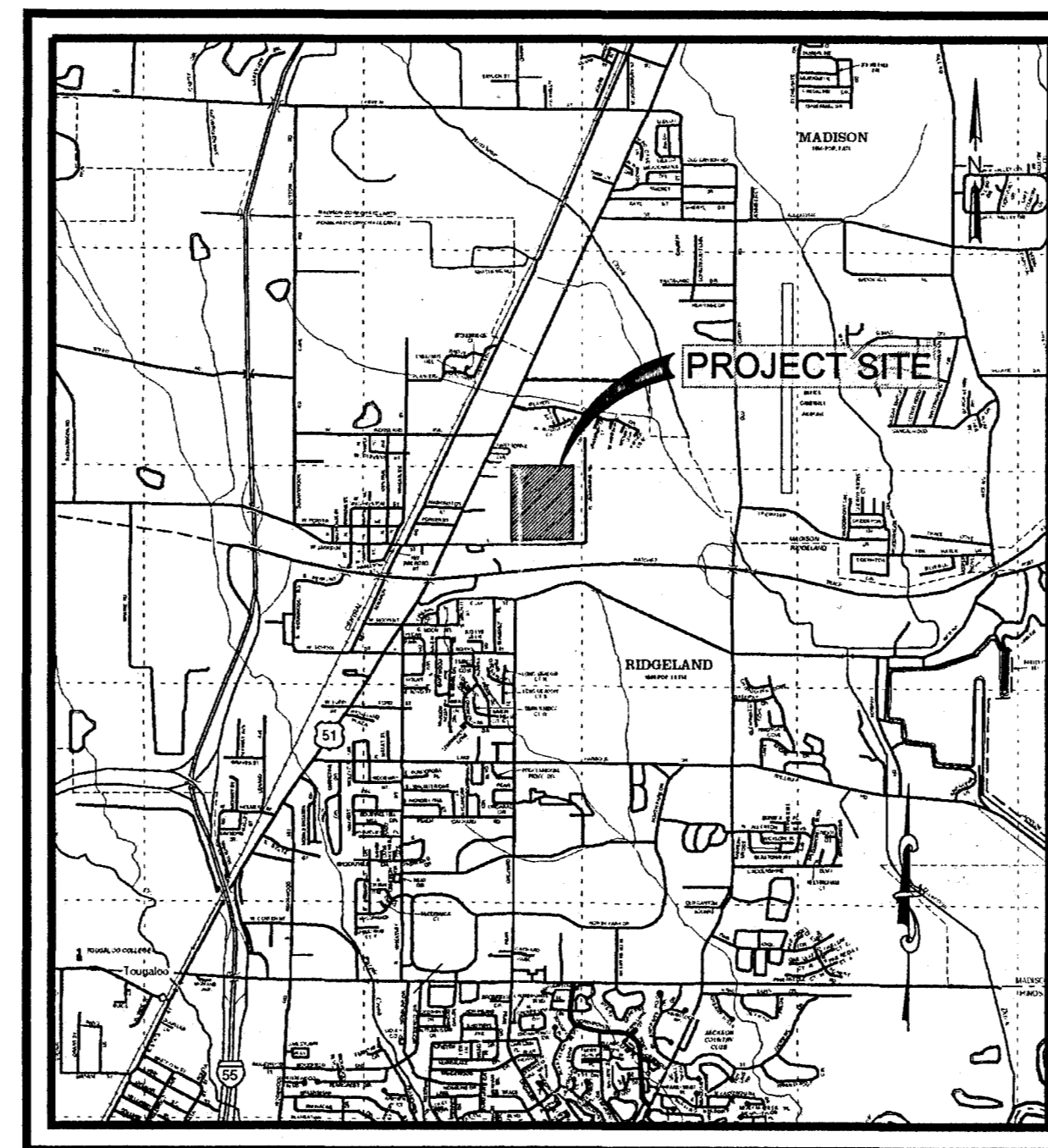
ASST. DIRECTOR OF PUBLIC WORKS

BEN MAYS

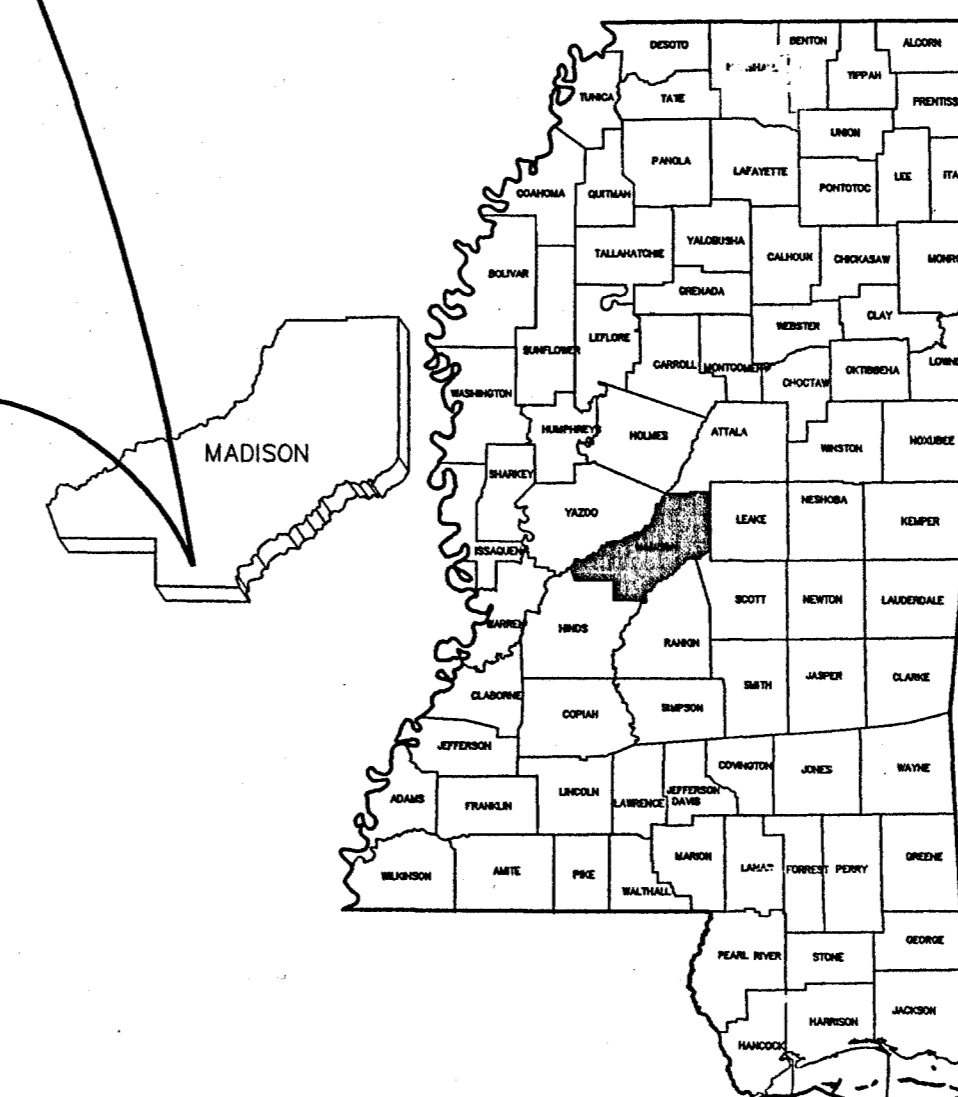
CITY ENGINEER

DAVID E. WILLIAMS, P.E.

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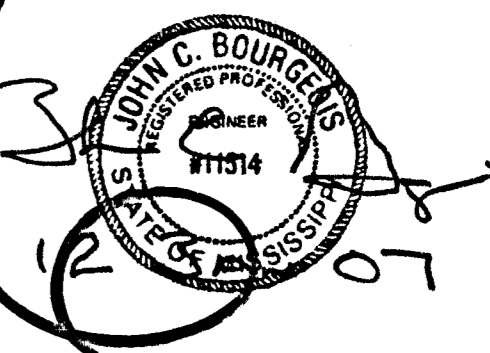


VICINITY MAP



JANUARY 2007
 WEI #C06-026

PWP 02026



CITY OF RIDGELAND TRACE RIDGE DRAINAGE REHABILITATION WEI# C06-026

GENERAL NOTES:

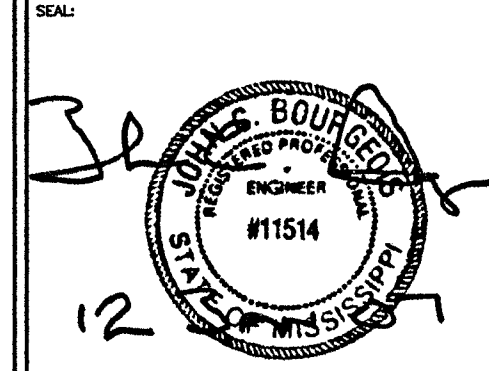
- ALL WORK AND MATERIALS SHALL COMPLY WITH THE PERTINENT SECTIONS OF THE FOLLOWING DOCUMENTS UNLESS SPECIFICALLY NOTED OTHERWISE:
- CITY OF RIDGELAND ORDINANCES AND REGULATIONS; MDEQ; ET AL.
- LOCATIONS OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES INDICATED ARE APPROXIMATE ONLY, AND THOSE INDICATED ARE NOT NECESSARILY ALL OF THE EXISTING UNDERGROUND UTILITIES AND STRUCTURES ON THE PROJECT SITE. THE CONTRACTOR SHALL FIELD VERIFY AND COORDINATE WITH THE APPROPRIATE UTILITY COMPANY PRIOR TO COMMENCING WORK.
- UTILITY LINES OR SERVICE LINES ENCOUNTERED DURING CONSTRUCTION, WHETHER SHOWN ON THE DRAWINGS OR NOT, SHALL BE PROTECTED BY THE CONTRACTOR AND REPAIRS NECESSARY DUE TO DAMAGE TO SAME BY THE CONTRACTOR SHALL BE AT NO ADDITIONAL COST TO OWNER. ANY UTILITY OR SERVICE LINES NOT SHOWN ON THE DRAWINGS SHALL BE REPORTED TO THE ENGINEER BEFORE CONTINUING WITH WORK AND SHALL BE INDICATED ON THE AS-BUILT DRAWINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING HORIZONTAL AND VERTICAL CLEARANCES ON ANY UTILITY SERVICE CROSSINGS REQUIRED BEFORE INSTALLATION.
- THE CONTRACTOR SHALL MAINTAIN AS-BUILT DRAWINGS AND PROVIDE SUCH DRAWINGS TO THE ENGINEER WITHIN THREE (3) WEEKS AFTER COMPLETION OF THE PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND IMPLEMENTING THE EROSION CONTROL PLAN.
- UNSUITABLE BEDDING, BACKFILL, OR SITE SUBGRADE MATERIAL THAT MAY BE ENCOUNTERED SHALL BE UNDERCUT AND BACKFILLED WITH ACCEPTABLE MATERIAL TO THE LIMITS AND GRADES SHOWN ON THE DRAWINGS.
- ALL DEMOLISHED AND/OR REMOVED ITEMS, AND EXCESS AND/OR UNSUITABLE EXCAVATION SHALL BE DISPOSED OF AT A CONTRACTOR-PROVIDED OFFSITE LOCATION ON A DAILY BASIS. OFFSITE DISPOSAL SHALL BE AN ABSORBED COST ITEM.
- ALL DETAILED CONSTRUCTION STAKING SHALL BE BY THE CONTRACTOR. STAKING SHALL BE AN ABSORBED COST ITEM. THE ENGINEER SHALL STAKE THE CONTROL POINTS ONE TIME ONLY.
- THE CONTRACTOR SHOULD CAREFULLY PRESERVE EXISTING TREES AS MUCH AS POSSIBLE. THIS SHALL INCLUDE THE PLACEMENT OF TEMPORARY STAKING AND FLAGGING AROUND THE DRIP LINE OF EACH TREE TO BE PROTECTED.
- TESTING CERTIFICATIONS SHALL STATE THAT THE SUBJECT MATERIAL MEETS THE SPECIFIED QUALITY, GRADE, PURITY, CLASS OR WEIGHT OF THE APPLICABLE ASTM, AASHTO, MDT OR OTHER SPECIFIED STANDARDS. CERTIFICATIONS SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO INCORPORATION OF THE SUBJECT MATERIAL INTO THE PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL STATE AND LOCAL PERMITS RELATED TO THIS PROJECT AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL ALSO CONDUCT INSPECTION AND REPORTING REQUIREMENTS FOR 8 (EIGHT) WEEKS AFTER FINAL EROSION CONTROLS ARE IN PLACE.
- THE CONTRACTOR SHALL MAINTAIN IN GOOD CONDITION, AND THE OWNER SHALL HAVE THE RIGHT OF FIRST REFUSAL OF ALL SALVAGEABLE MATERIAL. ALL ITEMS REFUSED BY THE OWNER SHALL BE DISPOSED OF AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL ENSURE THAT ALL NATURAL DRAINAGE COURSES ARE MAINTAINED THROUGHOUT THE PROJECT UNLESS SPECIFIED OTHERWISE.
- ALL SANITARY SEWER AND STORM SEWER MANHOLE CASTINGS SHALL BE NORMAL DUTY TYPE UNLESS NOTED OTHERWISE.
- EXISTING SANITARY SEWER MANHOLE TOPS, STORM SEWER TOPS, WATER VALVES, VALVE BOXES, METERS, AND OTHER SIMILAR APPURTENANCES SHALL BE ADJUSTED TO FINISH GRADE BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL USE ONLY THAT AREA SPECIFICALLY APPROVED BY THE OWNER FOR SITE ACCESS OR STAGING.
- ANY TBM'S WHICH ARE IN CONFLICT WITH CONSTRUCTION ACTIVITIES SHALL BE RELOCATED BY THE CONTRACTOR AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL NOTE THAT PLAN SCALES WITHIN THIS PLAN ASSEMBLY VARY.
- THE CONTRACTOR SHALL ESTABLISH APPROPRIATE VEGETATIVE COVER ON ALL DISTURBED AREAS NOT RECEIVING A PAVED OR GRAVEL SURFACE OR OTHERWISE SPECIFIED.
- HOURS OF WORK SHALL BE BETWEEN 7:00 AM AND 7:00 PM MONDAY THROUGH SATURDAY.

LEGEND			
EXISTING			
BOC	BACK OF CURB	— W —	IRRIGATION LINE
●	BOLLARD	○ LP	LIGHT POLE
⊙	BORING	— 3C —	OVERHEAD COMMUNICATIONS CABLE
---	CENTERLINE	— 2E —	OVERHEAD ELECTRIC SERVICE
⊕	CENTERLINE	⊙	PLANTINGS AND SHRUBS
□	COLUMN	⊕	POST INDICATOR VALVE
⊕	COMMUNICATIONS BOX	○ PP	POWER POLE
⊕	COMMUNICATIONS MANHOLE	← ○ PP	POWER POLE WITH GUY WIRE
— 125 —	CONTOUR MAJOR	⊕	ROUND DROP INLET
— 32 —	CONTOUR MINOR	○ CD	SANITARY SEWER CLEANOUT
⊕	CREPE MYRTLE PLANTS	— SS —	SANITARY SEWER LINE
⊕	CURB INLET	⊕	SANITARY SEWER MANHOLE
⊕	DROP INLET	○	SIGNAGE
⊕	ELECTRIC SERVICE BOX	⊕	STORM DRAIN
⊕	ELECTRIC SERVICE MANHOLE	⊕	STORM DRAIN MANHOLE
⊕	ELECTRIC SERVICE METER	⊕	TREES
▲	ELECTRIC SERVICE TRANSFORMER	— UC —	UNDERGROUND COMMUNICATIONS CABLE
— X —	FENCE LINE	— UE —	UNDERGROUND ELECTRIC SERVICE
⊕	FIRE HYDRANT	— W —	WATER LINE
⊕	FLOOD LIGHT	○	WATER FAUCET
— GAS —	GAS LINE	⊕	WATER METER
⊕	GAS METER	⊕	WATER SPRINKLER
⊕	GAS REGULATOR	⊕	WATER VALVE
⊕	IRRIGATION CONTROL VALVE		
PROPOSED			
⊕	CURB INLET	⊕	POWER POLE
⊕	CURB & GUTTER	⊕	PULL BOX
EOP	EDGE OF PAVEMENT	---	ROW
FOC	FACE OF CURB	— SS —	SANITARY SEWER LINE
— X —	FENCE LINE	● SIP	SET IRON PIN
⊕	FIRE HYDRANT	— SF —	SILT FENCE
— FM —	FORCE MAIN	▶	SLOPE DIRECTION
○ FIP	FOUND IRON PIN	X219.00	SPOT ELEVATION
— G —	GAS LINE	— ST —	STORM SEWER
⊕	HAY BAIL BARRIER	TOC	TOP OF CURB
⊕	INLET OR CATCH BASIN	⊕	TREE LINE
☆ LP	LIGHT POLE	— UP —	UNDERGROUND POWER
○	MANHOLE	— UT —	UNDERGROUND TELEPHONE LINE
— OP —	OVERHEAD POWER	⊕	VALVE
— OT —	OVERHEAD TELEPHONE LINE	— W —	WATER LINE
---	PROPERTY LINE	⊕	WATER METER

WAGGONER
Engineering, Inc.
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143-A LeFleurs Square
JACKSON, MS 39211
601-355-9526
601-352-3945

**CITY OF RIDGELAND
TRACE RIDGE DRAINAGE
REHABILITATION
WEI# C06-026**

DRAWING REVISIONS		
NO.	REMARKS	DATE



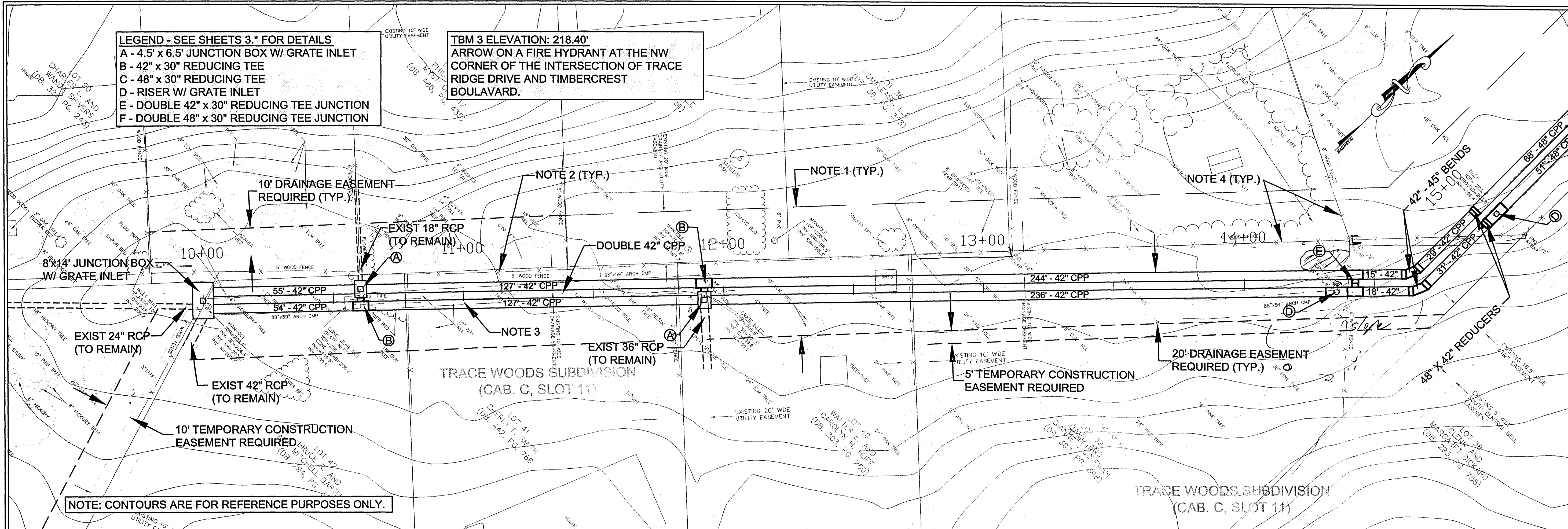
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CHECKED BY: JB	PROJECT: C06-026
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GENERAL NOTES

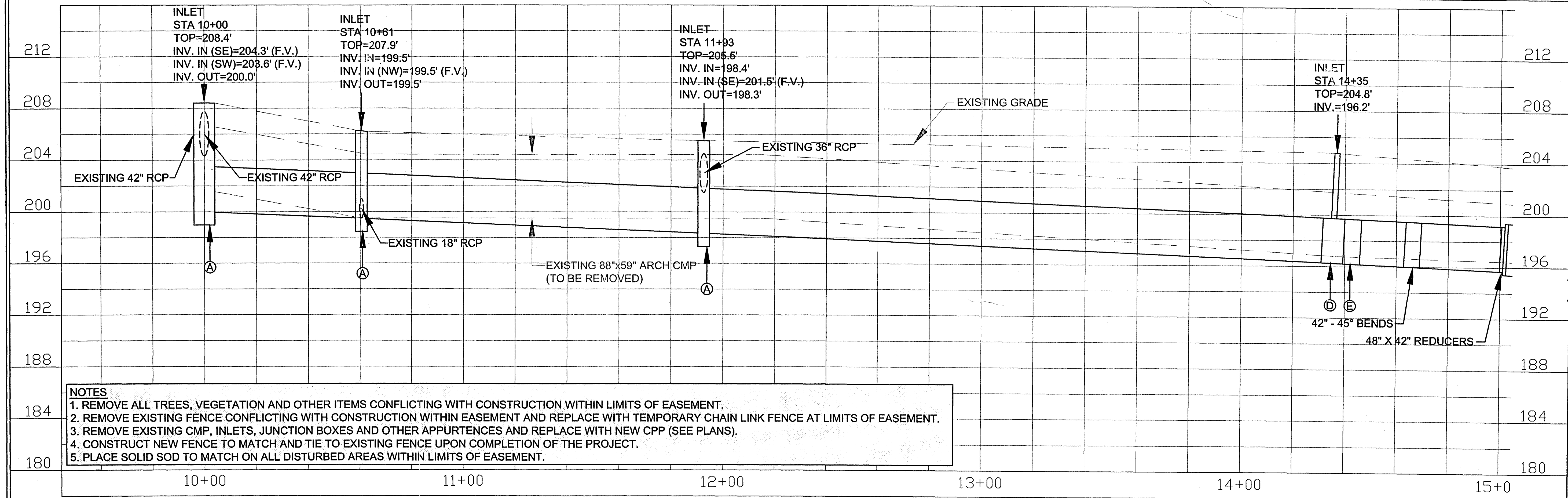
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C0.1

LEGEND - SEE SHEETS 3.* FOR DETAILS
 A - 4.5' x 6.5' JUNCTION BOX W/ GRATE INLET
 B - 42" x 30" REDUCING TEE
 C - 48" x 30" REDUCING TEE
 D - RISER W/ GRATE INLET
 E - DOUBLE 42" x 30" REDUCING TEE JUNCTION
 F - DOUBLE 48" x 30" REDUCING TEE JUNCTION

TBM 3 ELEVATION: 218.40'
 ARROW ON A FIRE HYDRANT AT THE NW CORNER OF THE INTERSECTION OF TRACE RIDGE DRIVE AND TIMBERCREST BOULEVARD.



NOTE: CONTOURS ARE FOR REFERENCE PURPOSES ONLY.

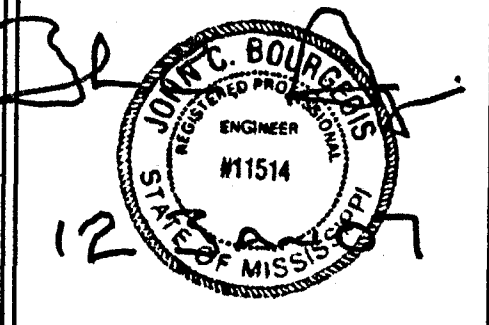


- NOTES**
1. REMOVE ALL TREES, VEGETATION AND OTHER ITEMS CONFLICTING WITH CONSTRUCTION WITHIN LIMITS OF EASEMENT.
 2. REMOVE EXISTING FENCE CONFLICTING WITH CONSTRUCTION WITHIN EASEMENT AND REPLACE WITH TEMPORARY CHAIN LINK FENCE AT LIMITS OF EASEMENT.
 3. REMOVE EXISTING CMP, INLETS, JUNCTION BOXES AND OTHER APPURTENCES AND REPLACE WITH NEW CPP (SEE PLANS).
 4. CONSTRUCT NEW FENCE TO MATCH AND TIE TO EXISTING FENCE UPON COMPLETION OF THE PROJECT.
 5. PLACE SOLID SOD TO MATCH ON ALL DISTURBED AREAS WITHIN LIMITS OF EASEMENT.

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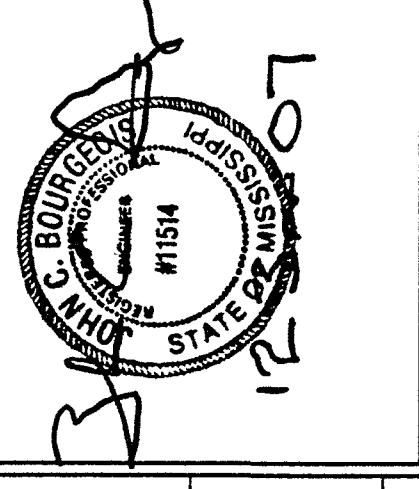
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 CHECKED BY: JB PROJECT: C06-026
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PLAN AND PROFILE
 STA 10+00 TO 15+00

SHEET NUMBER:
C2.1

CITY OF RIDGELAND
TRACE RIDGE DRAINAGE
REHABILITATION
 WEI# C06-026

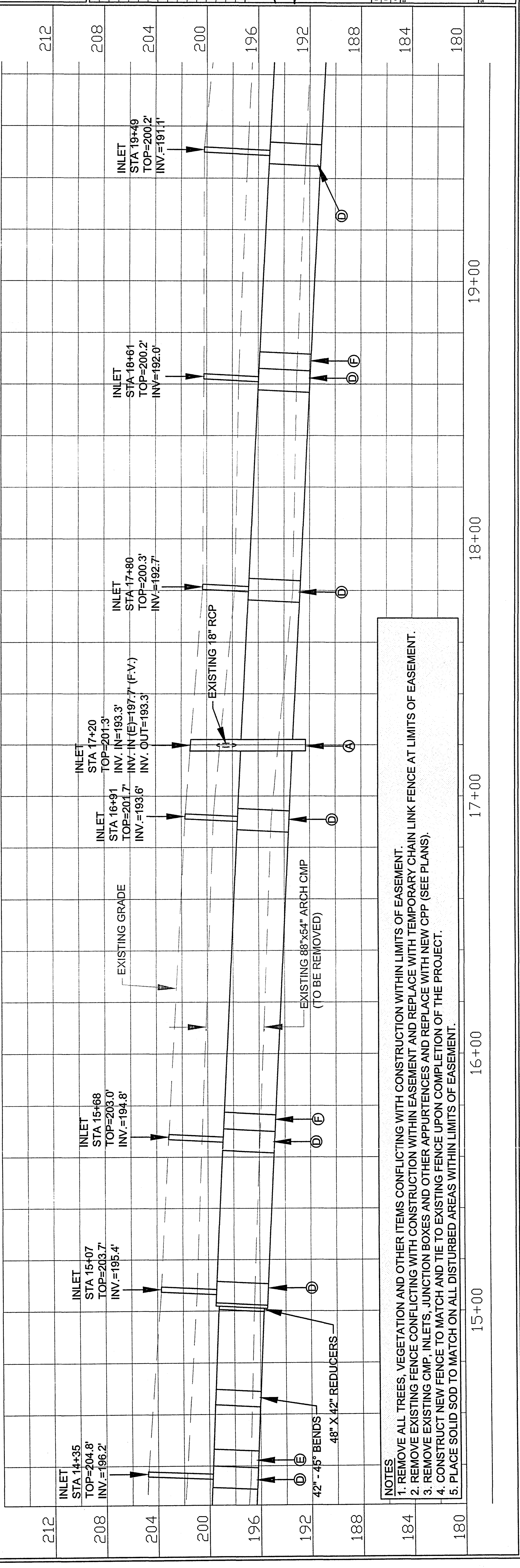
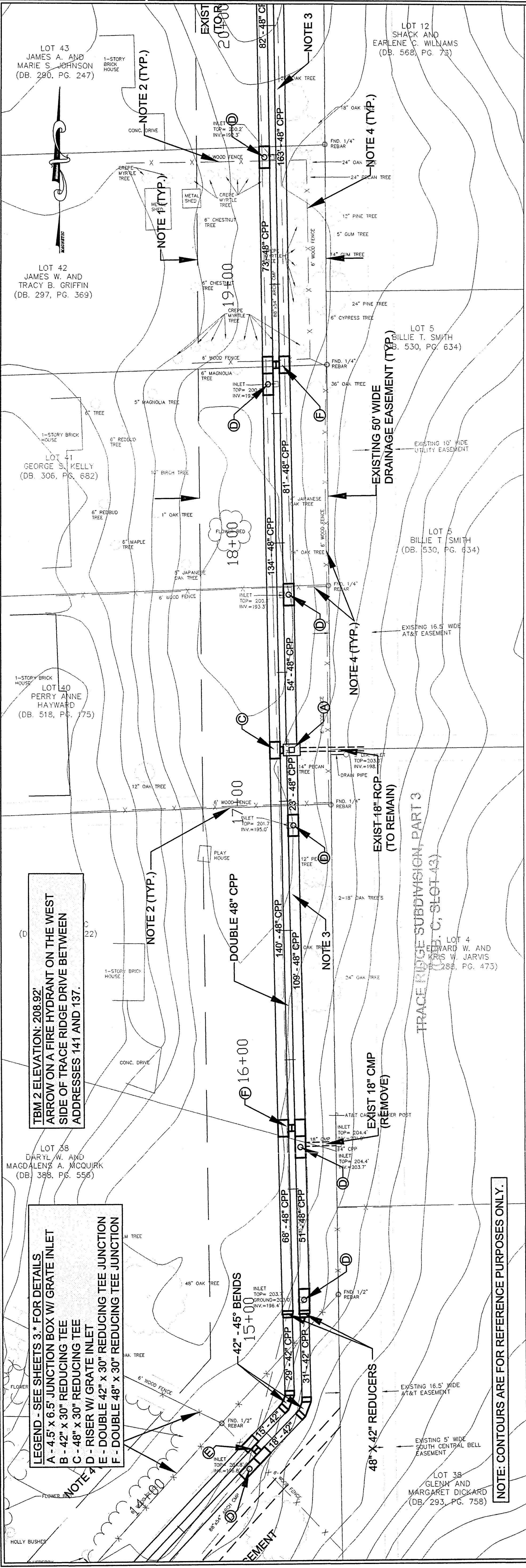
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CHECKED BY:	BO	DATE:	JANUARY 2007
PROJECT:	C06-026	DRAWING TITLE:	

PLAN AND PROFILE
 STA 15+00 TO 20+00

SHEET NUMBER
C2.2



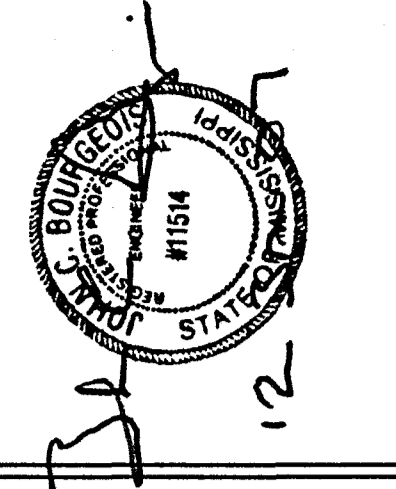
- NOTES**
1. REMOVE ALL TREES, VEGETATION AND OTHER ITEMS CONFLICTING WITH CONSTRUCTION WITHIN LIMITS OF EASEMENT.
 2. REMOVE EXISTING FENCE CONFLICTING WITH CONSTRUCTION WITHIN EASEMENT AND REPLACE WITH TEMPORARY CHAIN LINK FENCE AT LIMITS OF EASEMENT.
 3. REMOVE EXISTING CMP, INLETS, JUNCTION BOXES AND OTHER APPURTENANCES AND REPLACE WITH NEW CPP (SEE PLANS).
 4. CONSTRUCT NEW FENCE TO MATCH AND TIE TO EXISTING FENCE UPON COMPLETION OF THE PROJECT.
 5. PLACE SOLID SOD TO MATCH ON ALL DISTURBED AREAS WITHIN LIMITS OF EASEMENT.

NOTE: CONTOURS ARE FOR REFERENCE PURPOSES ONLY.

TBM 2 ELEVATION: 208.92'
 ARROW ON A FIRE HYDRANT ON THE WEST
 SIDE OF TRACE RIDGE DRIVE BETWEEN
 ADDRESSES 141 AND 137.

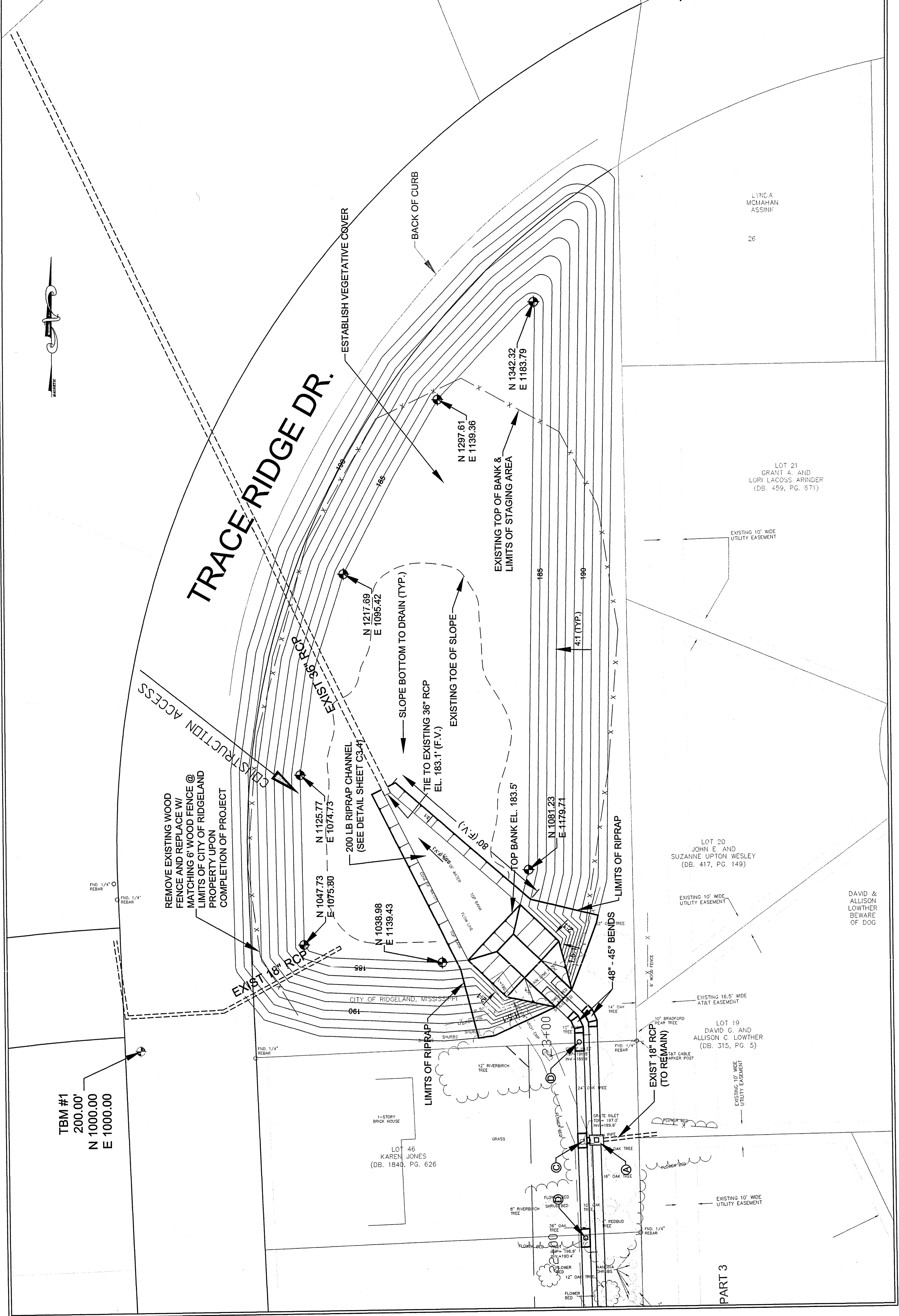
- LEGEND - SEE SHEETS 3.* FOR DETAILS**
- A - 4.5' x 6.5' JUNCTION BOX W/ GRATE INLET
 - B - 42" x 30" REDUCING TEE
 - C - 48" x 30" REDUCING TEE
 - D - RISER W/ GRATE INLET
 - E - DOUBLE 42" x 30" REDUCING TEE JUNCTION
 - F - DOUBLE 48" x 30" REDUCING TEE JUNCTION

NO.	REVISIONS	DATE



DRAWN BY:	SW/RS	SCALE:	1"=20'
CHECKED BY:	RS	DATE:	JANUARY 2007
DRAWING TITLE:	DEFENTION POND STA 20+00 TO 24+00		

DEFENTION POND
 STA 20+00 TO 24+00
 SHEET NUMBER
C2.4



TBM #1
 200.00'
 N 1000.00
 E 1000.00

REMOVE EXISTING WOOD
 FENCE AND REPLACE W/
 MATCHING 6\"/>

200 LB RIPRAP CHANNEL
 (SEE DETAIL SHEET C3.4)

80\"/>

LOT 20
 JOHN E. AND
 SUZANNE UPTON WESLEY
 (DB. 417, PG. 149)

LOT 19
 DAVID C. AND
 ALLISON C. LOWTHER
 (DB. 315, PG. 5)

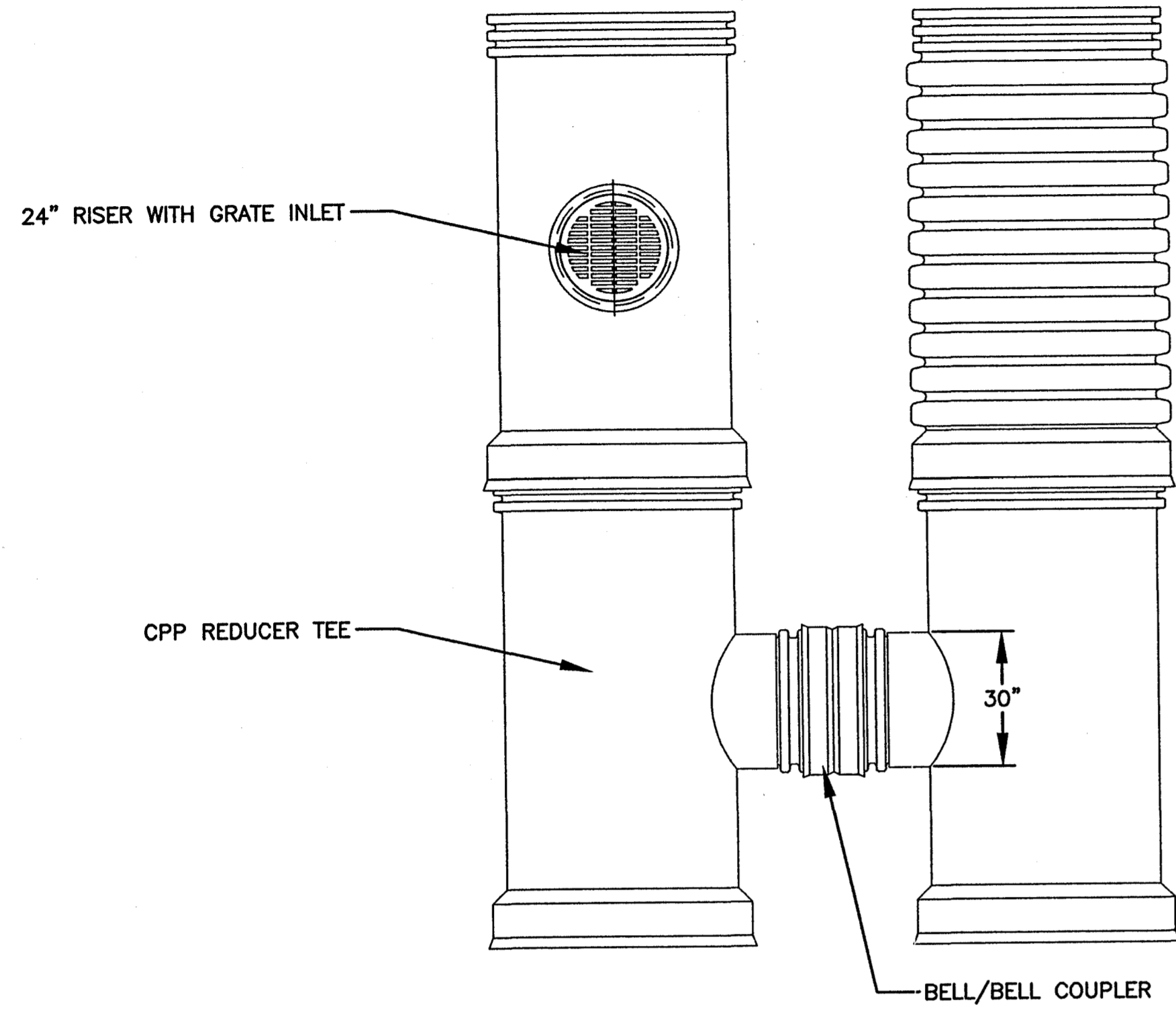
LOT 46
 KAREN JONES
 (DB. 1840, PG. 626)

PART 3

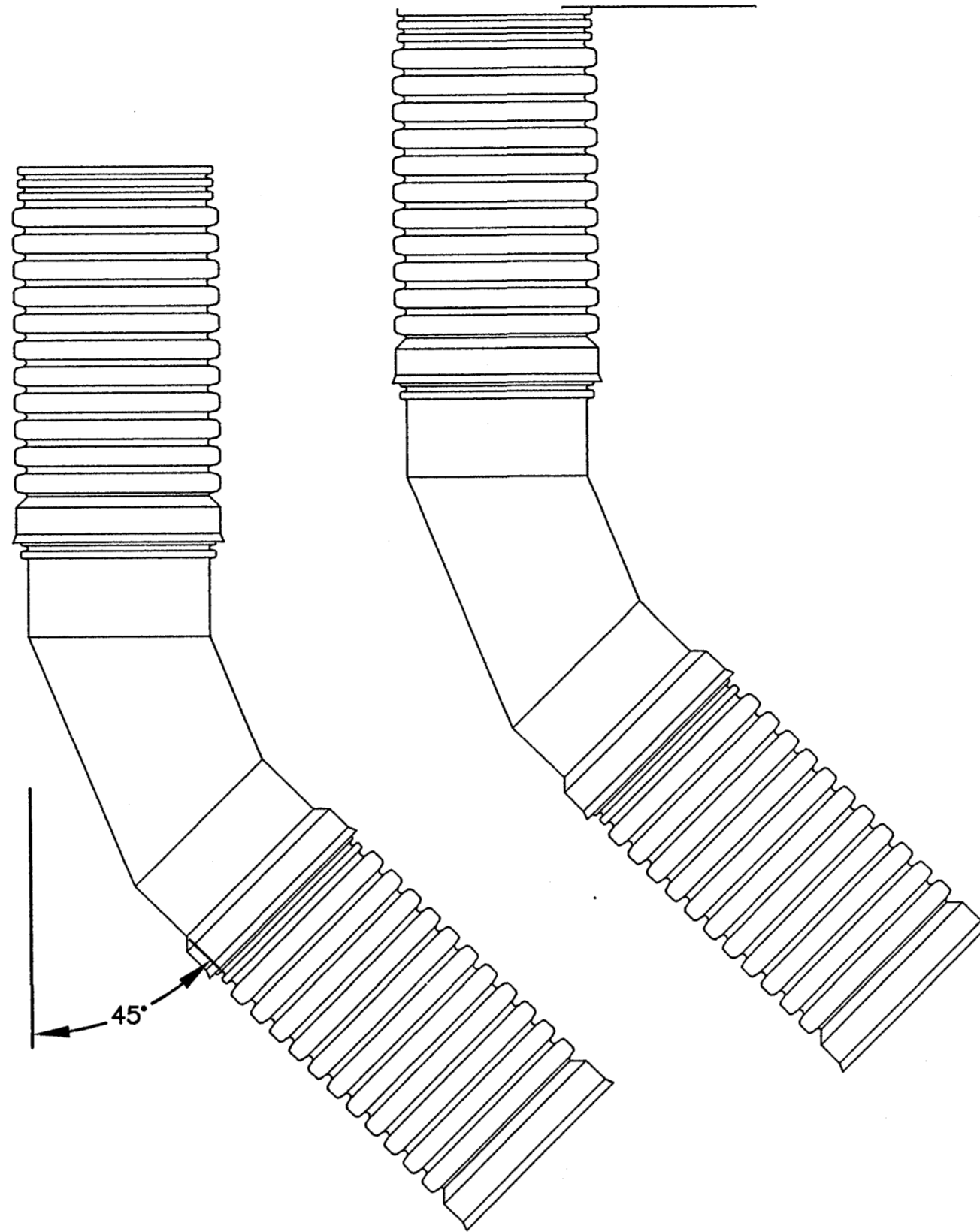
LYNDA
 MCMAHAN
 ASSINK
 26

LOT 21
 GRANT A. AND
 LORI LACOSS ARINDER
 (DB. 459, PG. 671)

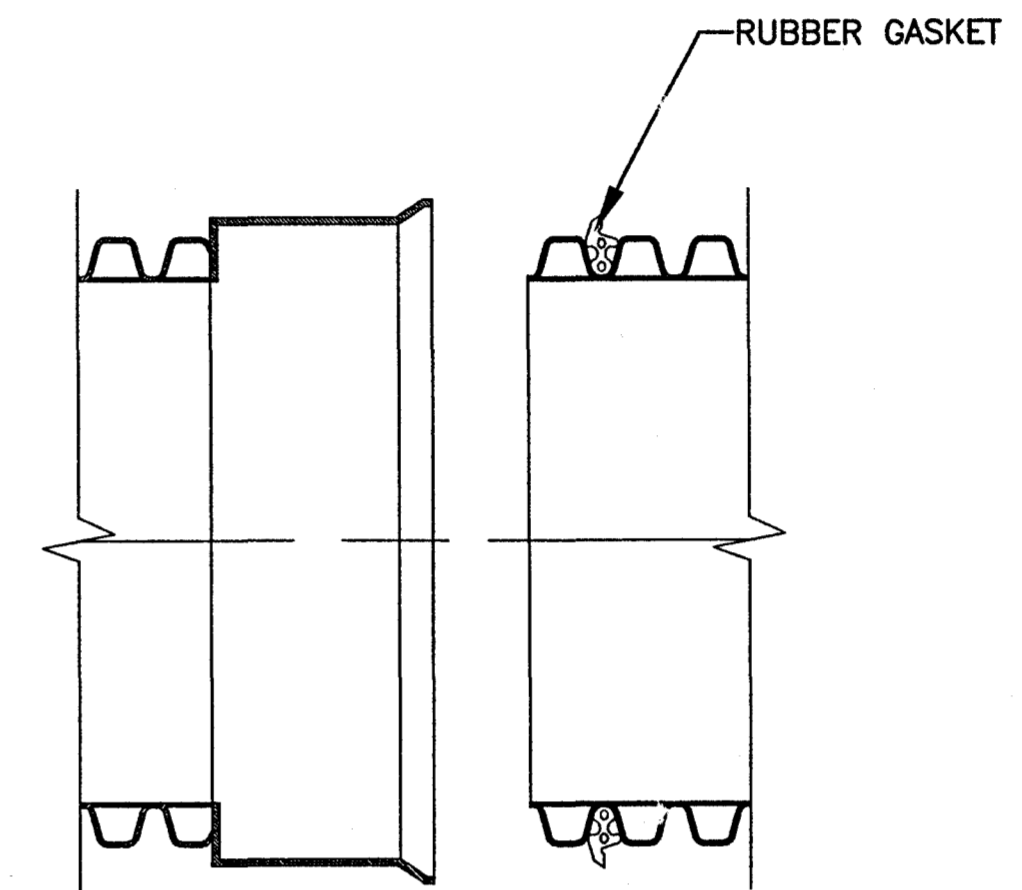
DAVID &
 ALLISON
 LOWTHER
 BEAWARE
 OF DOG



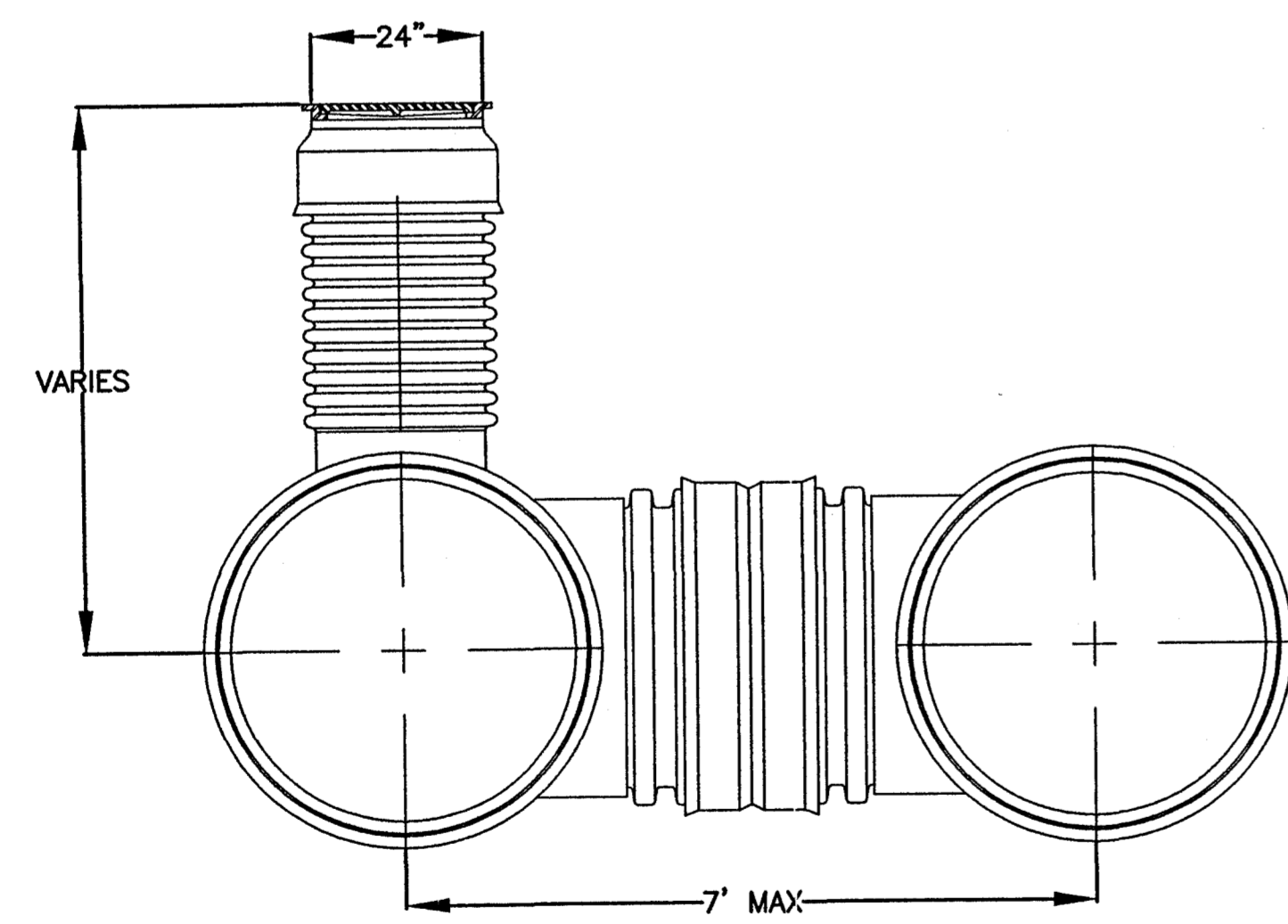
PLAN
 DOUBLE TEE JUNCTION AND RISER W/ GRATE INLET
 N.T.S.



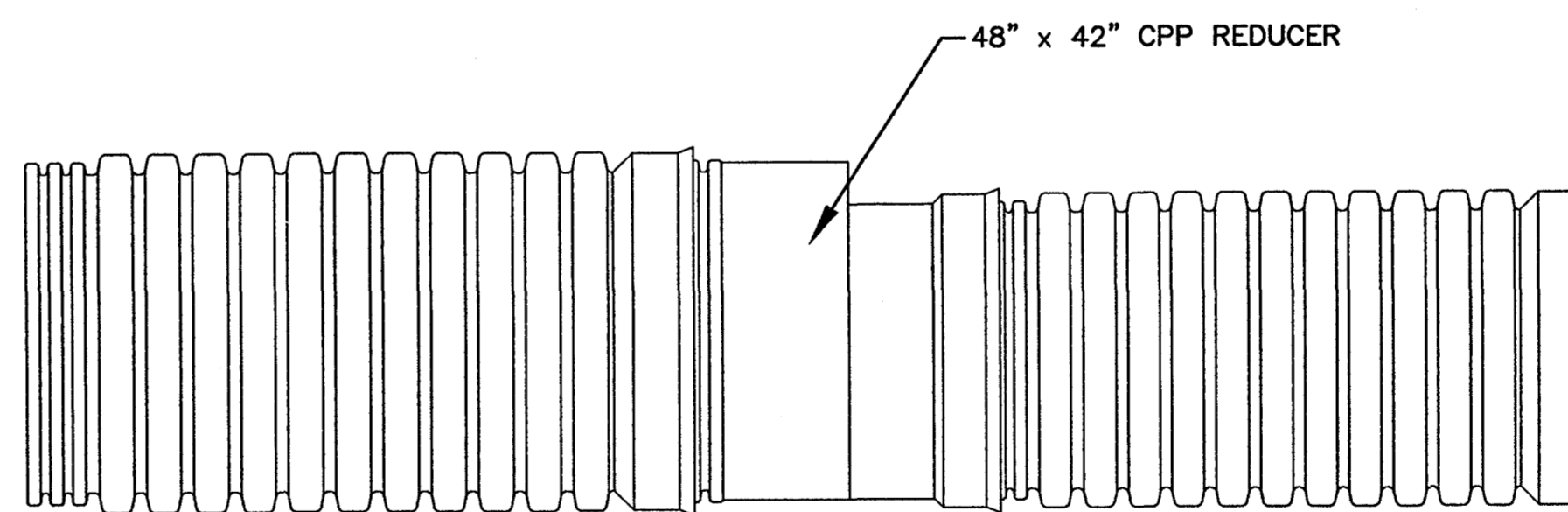
PLAN
 45 DEGREE BENDS
 N.T.S.



TYPICAL JOINT
 N.T.S.



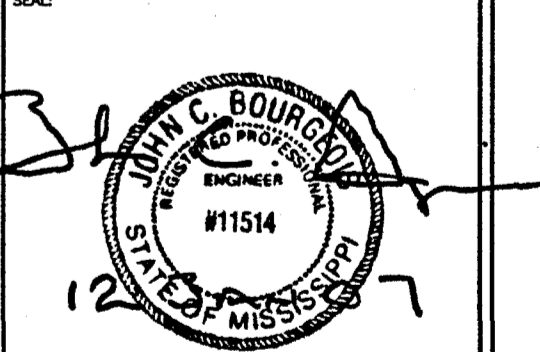
ELEVATION
 DOUBLE TEE JUNCTION AND RISER W/ GRATE INLET
 N.T.S.



PLAN
 48" x 42" REDUCER
 N.T.S.

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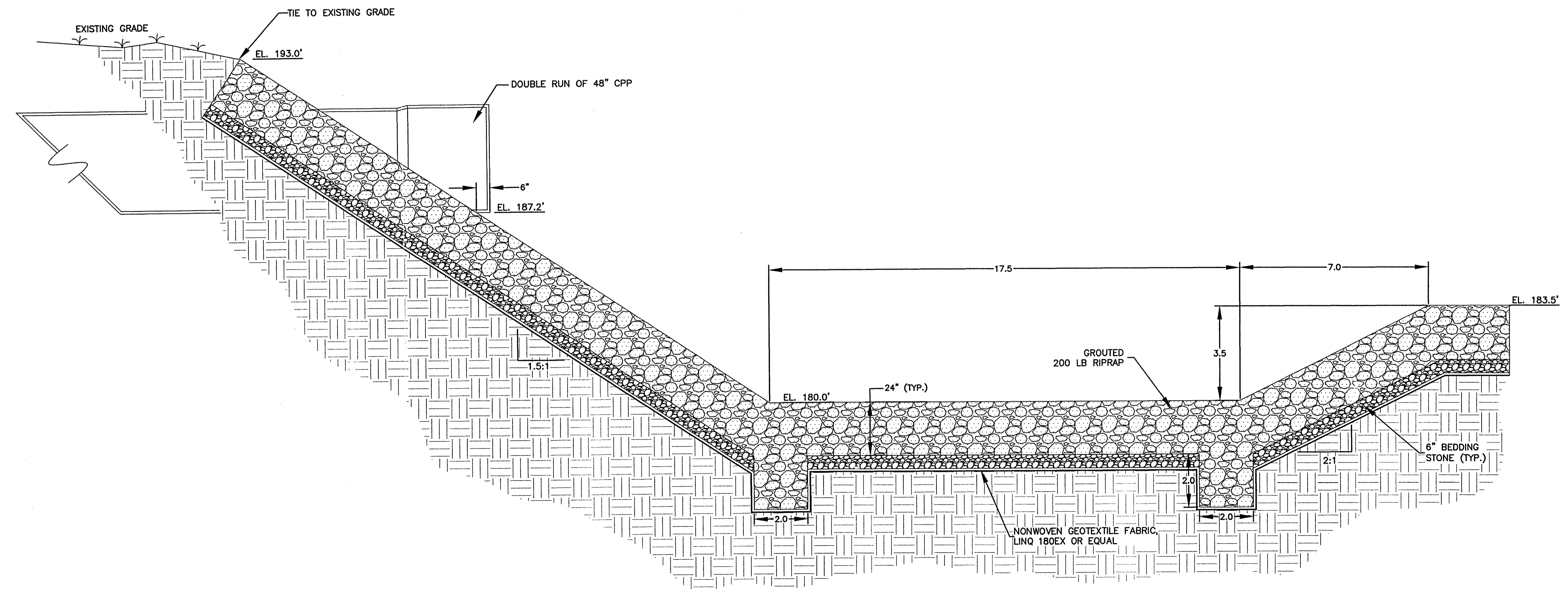


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 CHECKED BY: JB PROJECT: C06-026
 DRAWING TITLE:

STORM DRAINAGE
 DETAILS

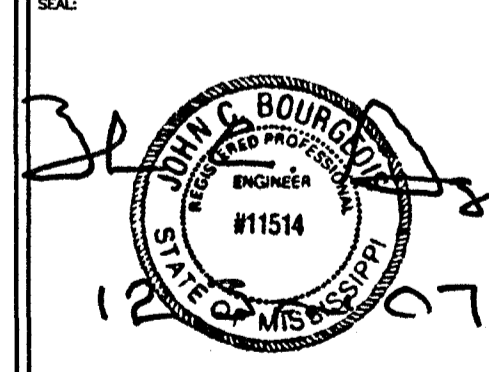
SHEET NUMBER:
 C3.1

CITY OF RIDGELAND
TRACE RIDGE DRAINAGE
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WEI# C06-026



RIPRAP STILLING BASIN
TYPICAL SECTION
N.T.S.

DRAWING REVISIONS		
NO.	REMARKS	DATE

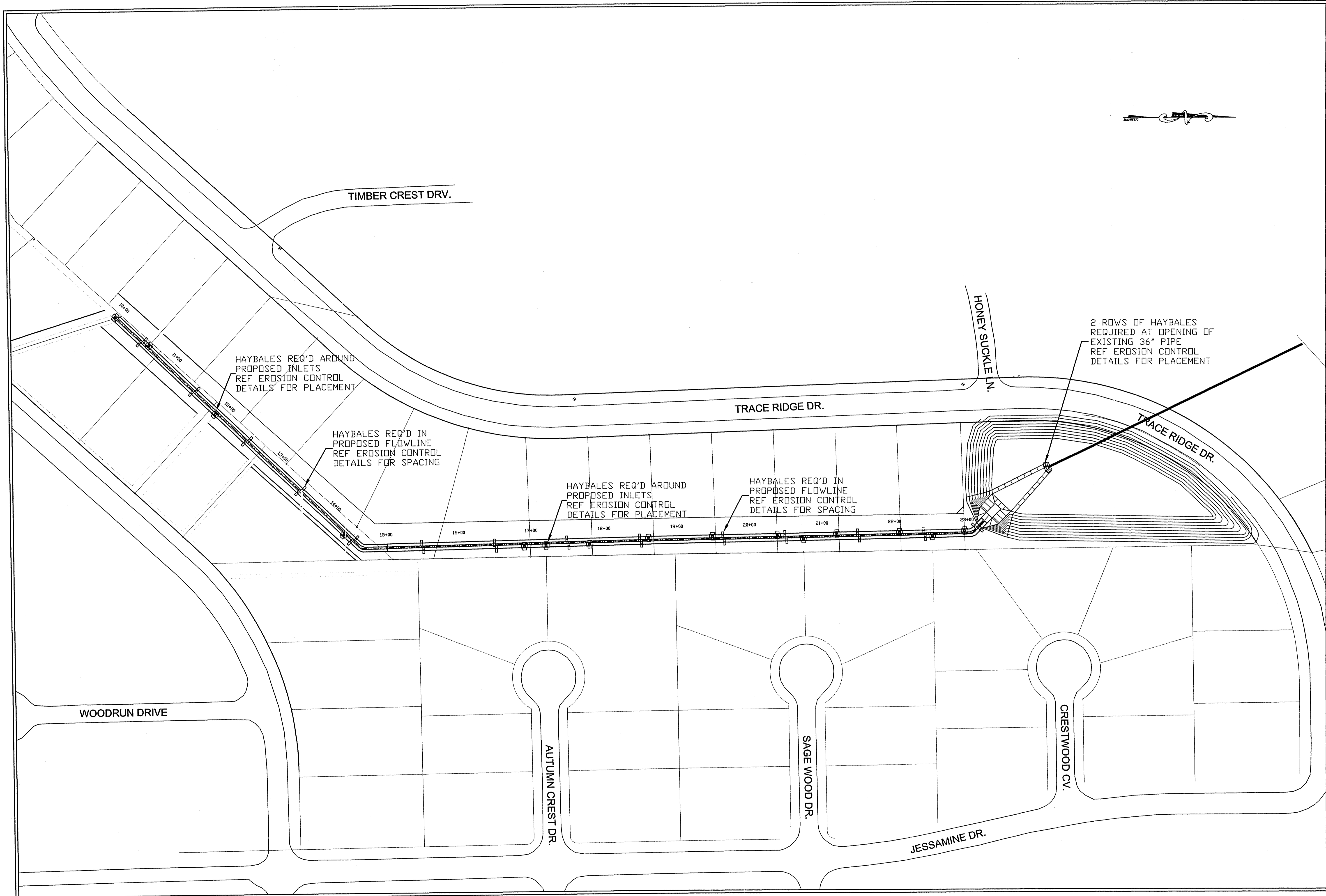


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CHECKED BY: JB	PROJECT: C06-026
DRAWING TITLE:	

STORM DRAINAGE
DETAILS

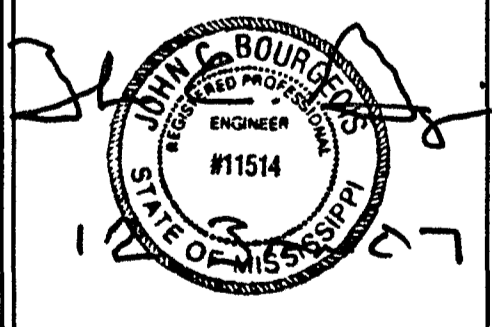
SHEET NUMBER:
C3.3

**CITY OF RIDGELAND
TRACE RIDGE DRAINAGE
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WEI# C06-026**



DRAWING REVISIONS

NO.	REMARKS	DATE



SCALE: 1"=40'
 DRAWN BY: SA/ND DATE: JANUARY 2007
 CHECKED BY: JH PROJECT: C06-026

EROSION CONTROL PLAN

