



- LEGEND OF LABELS**
- A SAWCUT AT NEAREST JOINT AND REMOVE EXISTING CONCRETE PAVEMENT. CONCRETE TO BE DISPOSED OFF-SITE.
 - B EXISTING ASPHALT PAVEMENT TO BE REMOVED AND DISPOSED OF OFF-SITE.
 - C EXISTING ASPHALT PAVEMENT TO BE SAWCUT TO ENSURE A SMOOTH JOINT.
 - D EXISTING STORM SEWER PIPE TO BE REMOVED AND DISPOSED OF OFF-SITE. CONTRACTOR TO GRADE OPEN DITCH AND REESTABLISH VEGETATION IMMEDIATELY AFTER REGRADING OF DITCH IS COMPLETE.
 - E EXISTING MAIL BOX TO BE RELOCATED. REFER TO SITE PLAN FOR NEW LOCATION.
 - F EXISTING SECURITY FENCE TO BE REMOVED. CONTRACTOR TO COORDINATE WITH OWNER.
 - G EXISTING CONCRETE SIGN BASE TO BE REMOVED AND DISPOSED OF OFF-SITE.
 - H EXISTING POLE SIGN TO BE REMOVED AND RETURN TO OWNER.
 - I EXISTING SECURITY GATE TO BE RELOCATED. COORDINATE WITH OWNER.
 - J EXISTING BOLLARD TO BE REMOVED.

REVISIONS:

NO.	DATE
ORIGINAL	05/17/2019

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI

THOMOTHY D. CROCKETT

NUMBER

PE 2004000775

PROFESSIONAL ENGINEER

THOMOTHY D. CROCKETT

MO LICENSE - 2004000775

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STORAGE MART 156

3920 S. STATE ROUTE 291

SECTION 3, TOWNSHIP 47 NORTH, RANGE 31 WEST

LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

DRAWING INCLUDES:

DEMOLITION PLAN

DESIGNED:

TDC

DRAWN:

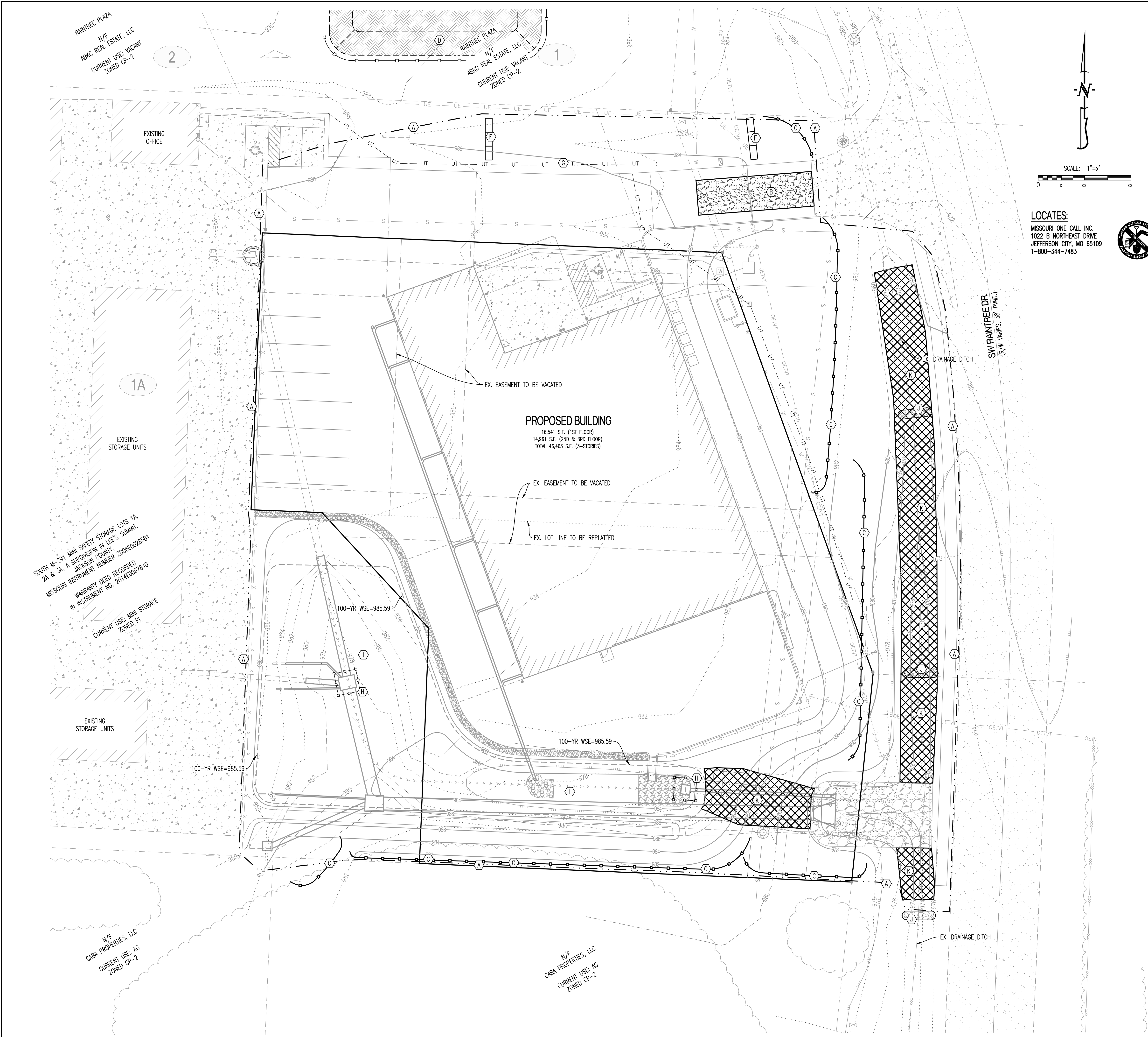
JEE

PROJECT NO.:

170504

SHEET:

CE 1



LEGEND OF LABELS:

- (A) LIMITS OF DISTURBANCE.
- (B) INSTALL 3" CRUSHED STONE FOR CONSTRUCTION EXIT (6" THICK x 12'W x 50'L). ALL CONSTRUCTION TRAFFIC SHALL LEAVE THE SITE VIA THIS EXIT. NO TRACKING OF MUD ONTO PUBLIC STREETS IS ALLOWED.
- (C) INSTALL SILT FENCE AS SHOWN. PORTIONS OF SILT FENCE WILL BE INSTALLED PER INITIAL EROSION CONTROL PLAN. IN LIEU OF SILT FENCE CONTRACTOR MAY INSTALL WATTLES AND BIODEGRADABLE LOGS.
- (D) TOP SOIL STORAGE. CONTRACTOR TO ACQUIRE WRITTEN PERMISSION FROM ADJACENT PROPERTY OWNER FOR STORAGE OF TOP SOIL OR FIND ALTERNATE OFFSITE LOCATION.
- (E) INSTALL INLET PROTECTION. SILT FENCE WRAPPED AROUND THROAT OF INLET. REPLACE SILT FENCE WITH GUTTERBUDDY ® (OR APPROVED EQUAL) AT THROAT OF INLET AFTER PAVING IS COMPLETED.
- (F) STAKED STRAW BALE DITCH CHECK.
- (G) 20' X 30' X 3' MIN CONCRETE WASHOUT FACILITY. THE WASHOUT FACILITY IS TO BE LINED WITH A PLASTIC LINING MATERIAL (10 MIL POLYETHYLENE SHEETING MIN.) FREE OF HOLES, TEARS, OR OTHER DEFECTS THAT COULD COMPROMISE THE IMPERMEABILITY OF THE MATERIAL. WASHOUT FACILITIES MUST BE CLEANED, OR NEW FACILITIES MUST BE CONSTRUCTED AND READY FOR USE ONCE THE WASHOUT IS 75% FULL. A SIGN SHALL BE INSTALLED ADJACENT TO FACILITY TO INFORM CONCRETE EQUIPMENT OPERATORS TO UTILIZE THE PROPER FACILITIES.
- (H) INLET PROTECTION. SILT FENCE WRAPPED AROUND THROAT OF INLET.
- (I) PROPOSED DETENTION FACILITY AREA TO BE USED AS A TEMPORARY SEDIMENT TRAP UNTIL AREAS DRAINING TO HAS VEGETATION ESTABLISHED.
- (J) ROCK DITCH CHECK.
- (K) INSTALL NORTH AMERICAN GREEN CMAX S350 EROSION CONTROL MAT. CONTRACTOR TO INSTALL PER MANUFACTURES SPECIFICATIONS.

SEQUENCE OF CONSTRUCTION:

- OBTAIN MODOT, STATE AND CITY OF LEE'S SUMMIT COUNTY LAND DISTURBANCE PERMITS PRIOR TO ANY LAND DISTURBANCE ACTIVITIES.
- INSTALL BMP'S NEEDED FOR LAND DISTURBANCE SUCH AS SILT FENCE, ROCK DITCH CHECK AND STAKED STRAW BALES AS SHOWN ON THE PLAN.
- BEGIN SITE DEMOLITION AND GRADING OPERATIONS. EXISTING PAVEMENT MAY BE USED AS CONSTRUCTION ENTRANCE UNTIL DEMOLITION OF PAVEMENT IN AREA OF THE ENTRANCE HAS STARTED. ONCE DEMOLITION OF PAVEMENT IS COMPLETED A TEMPORARY CONSTRUCTION ENTRANCE SHALL BE INSTALLED.
- CONSTRUCT DETENTION FACILITY. DETENTION FACILITY TO BE UTILIZED AS TEMPORARY SEDIMENT TRAP. PAVED AREAS TO BE BROUGHT UP TO SUBGRADE. ALL NON-PAVED AREAS TO BE BROUGHT UP TO FINAL GRADE AND SEEDED AND MULCHED AS SOON AS POSSIBLE.
- INSTALL INLET PROTECTION IMMEDIATELY AFTER PLACEMENT OF INLETS.
- INSTALL FINAL LANDSCAPING.
- AFTER ALL SURFACE AREAS AS STABILIZED, SILT FENCE AND INLET BARRIERS MAY BE REMOVED.

GENERAL NOTES:

EROSION AND SEDIMENT CONTROL SHALL CONFORM TO SECTION 5100 EROSION AND SEDIMENT CONTROL OF THE KANSAS CITY METROPOLITAN CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA), CURRENT EDITION.

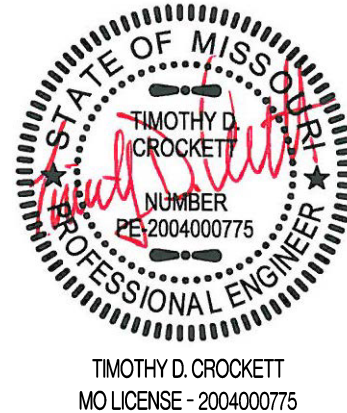
DRY DETENTION BASIN MAINTENANCE SCHEDULE:

ACTIVITY	FREQUENCY
ESTABLISHMENT	
WATERING PLANTS (SEED AREAS UP TO 8 WEEKS, PLUGS IN DROUGHT)	1" PER WEEK AS NEEDED
WEED CONTROL (FLAIL MOW, STRING-TRIM, SELECTIVE/PREEMERG HERBICIDES)	MONTHLY
REMOVE LITTER AND DEBRIS (TRASH, LEAVES, SAND, MOWER DISCHARGE)	MONTHLY
MONITOR & REPAIR EROSION (STABILIZE SOIL, REPLACE PLANTS, SECURE EDGING)	MONTHLY
CHECK FOR STANDING WATER (LONGER THAN DESIGN, ANY PUDDLES, SATURATE SOIL)	MONTHLY
ADD MULCH (MOISTURE & WEED CONTROL WITH PLUGS/CONTAINERS, 3" OR LESS)	ANNUALLY
INSPECT DRAINAGE AREA (PARKING LOT SWEEPING, TRASH PICKUP, ETC.)	ANNUALLY
REPLACE DEAD PLANTS (USE DESIGN SPECIES/SIZE; OVERSEED, INSTALL DEEP CELL PLUGS)	ANNUALLY, AS NEEDED
MAINTENANCE	
VEGETATION CLEANUP (SPOT TREAT, PRESCRIBED BURN, PRUNE)	ANNUALLY, SPRING OR FALL
EVALUATE PLAN COMPOSITION (WOODY INVASION, GRASS/FLOWER RATION, "RIGHT PLANT RIGHT PLACE")	ANNUALLY
SEDIMENT REMOVAL, EROSION CONTROL (REMOVE SEDIMENT WHEN 25% OF STORAGE HAS BEEN LOST)	ANNUALLY
ADDRESS ANIMAL DAMAGE (BEAVER DAMS, MUSKRAT BURROWS, DEER RUBS)	ANNUALLY
VERIFY STRUCTURAL COMPONENT FUNCTION (ORIFICES AND OUTLET PROTECTION)	ANNUALLY
EXTENDED DRY DETENTION BASIN	
STRING TRIM VEGETATION TO MINIMIZE DISTURBANCE	ANNUALLY
INSPECTION FOR EROSION IN FLOW LINES AND SLOPES	ANNUALLY

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3920 S. STATE ROUTE 291
SECTION 3, TOWNSHIP 47 NORTH, RANGE 31 WEST
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

DRAWING INCLUDES:

EROSION
CONTROL PLAN

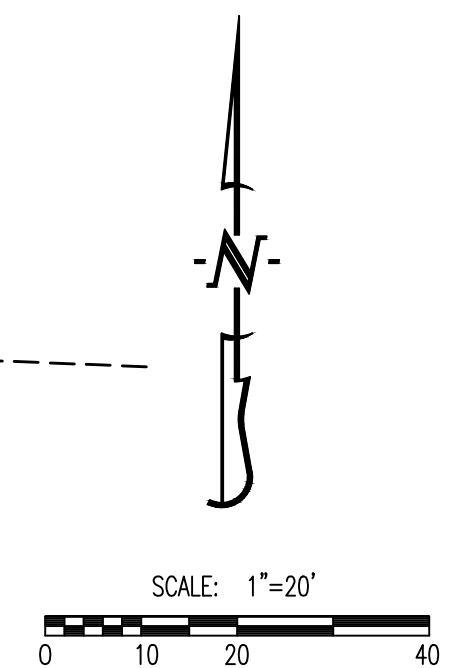
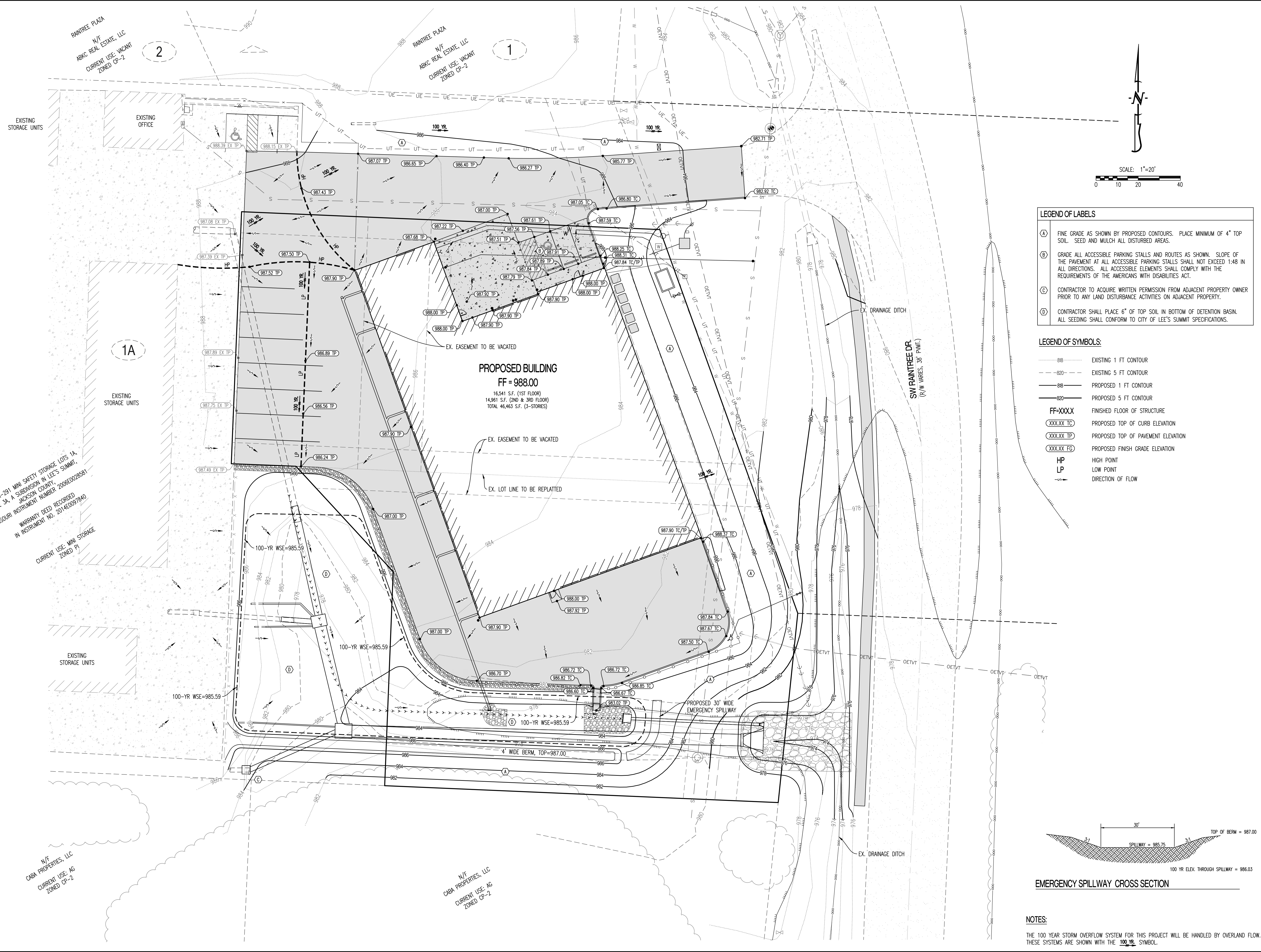
DESIGNED: TDC

DRAWN: JEE

PROJECT NO.: 170504

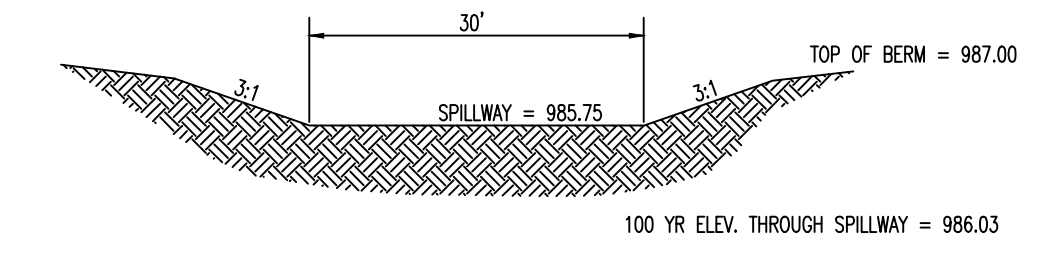
SHEET:

CE 2



- LEGEND OF LABELS**
- (A) FINE GRADE AS SHOWN BY PROPOSED CONTOURS. PLACE MINIMUM OF 4" TOP SOIL. SEED AND MULCH ALL DISTURBED AREAS.
 - (B) GRADE ALL ACCESSIBLE PARKING STALLS AND ROUTES AS SHOWN. SLOPE OF THE PAVEMENT AT ALL ACCESSIBLE PARKING STALLS SHALL NOT EXCEED 1:48 IN ALL DIRECTIONS. ALL ACCESSIBLE ELEMENTS SHALL COMPLY WITH THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT.
 - (C) CONTRACTOR TO ACQUIRE WRITTEN PERMISSION FROM ADJACENT PROPERTY OWNER PRIOR TO ANY LAND DISTURBANCE ACTIVITIES ON ADJACENT PROPERTY.
 - (D) CONTRACTOR SHALL PLACE 6" OF TOP SOIL IN BOTTOM OF DETENTION BASIN. ALL SEEDING SHALL CONFORM TO CITY OF LEE'S SUMMIT SPECIFICATIONS.

- LEGEND OF SYMBOLS:**
- 888 --- EXISTING 1 FT CONTOUR
 - 820 --- EXISTING 5 FT CONTOUR
 - 888 --- PROPOSED 1 FT CONTOUR
 - 820 --- PROPOSED 5 FT CONTOUR
 - FF=XXXX FINISHED FLOOR OF STRUCTURE
 - XXXX.XX TC PROPOSED TOP OF CURB ELEVATION
 - XXXX.XX TP PROPOSED TOP OF PAVEMENT ELEVATION
 - XXXX.XX FO PROPOSED FINISH GRADE ELEVATION
 - HP HIGH POINT
 - LP LOW POINT
 - DIRECTION OF FLOW



NOTES:

THE 100 YEAR STORM OVERFLOW SYSTEM FOR THIS PROJECT WILL BE HANDLED BY OVERLAND FLOW. THESE SYSTEMS ARE SHOWN WITH THE 100 YR. SYMBOL.

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TIMOTHY D. CROCKETT
LICENSE NO. 2004000775

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DRAWING INCLUDES:

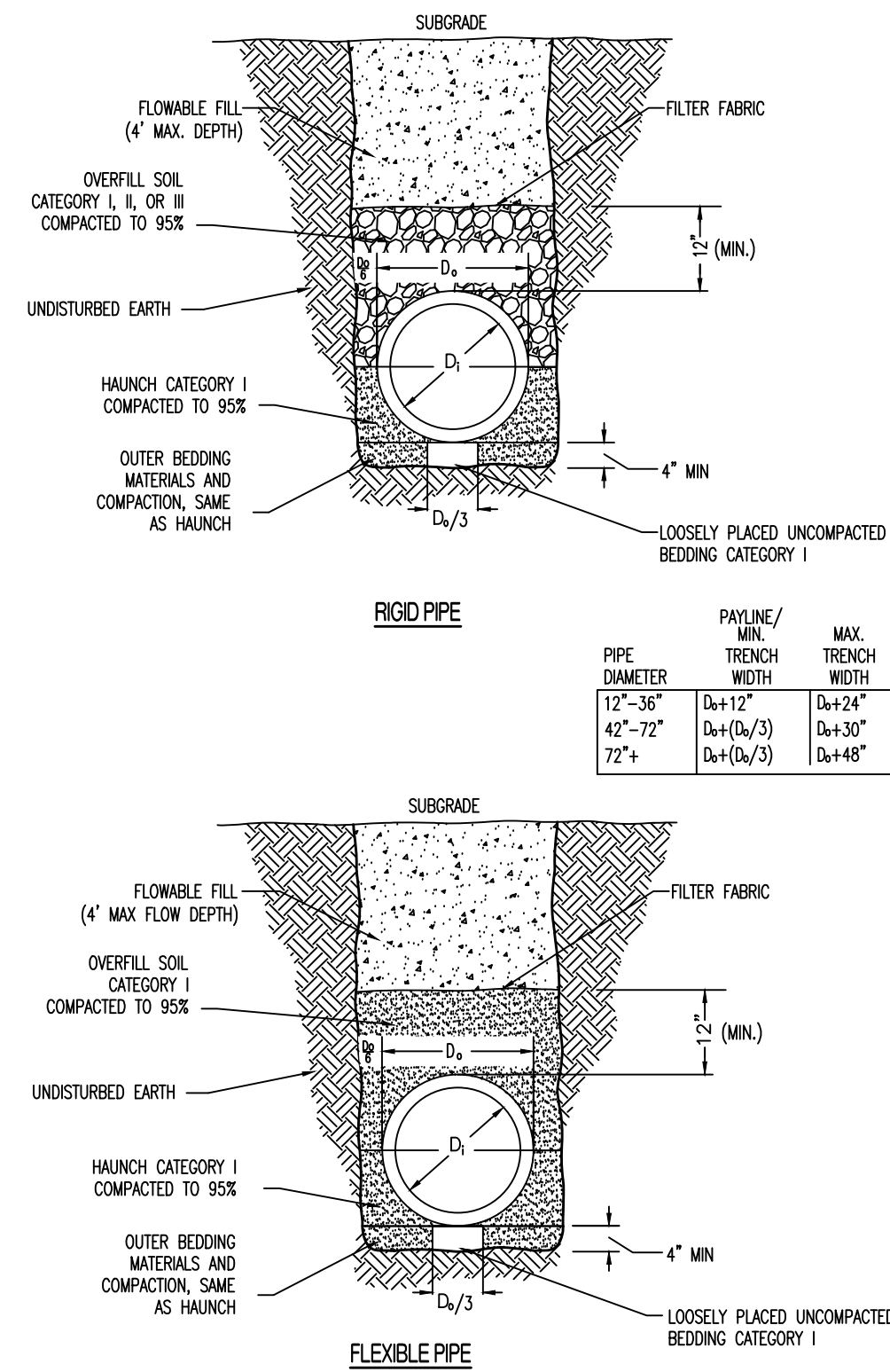
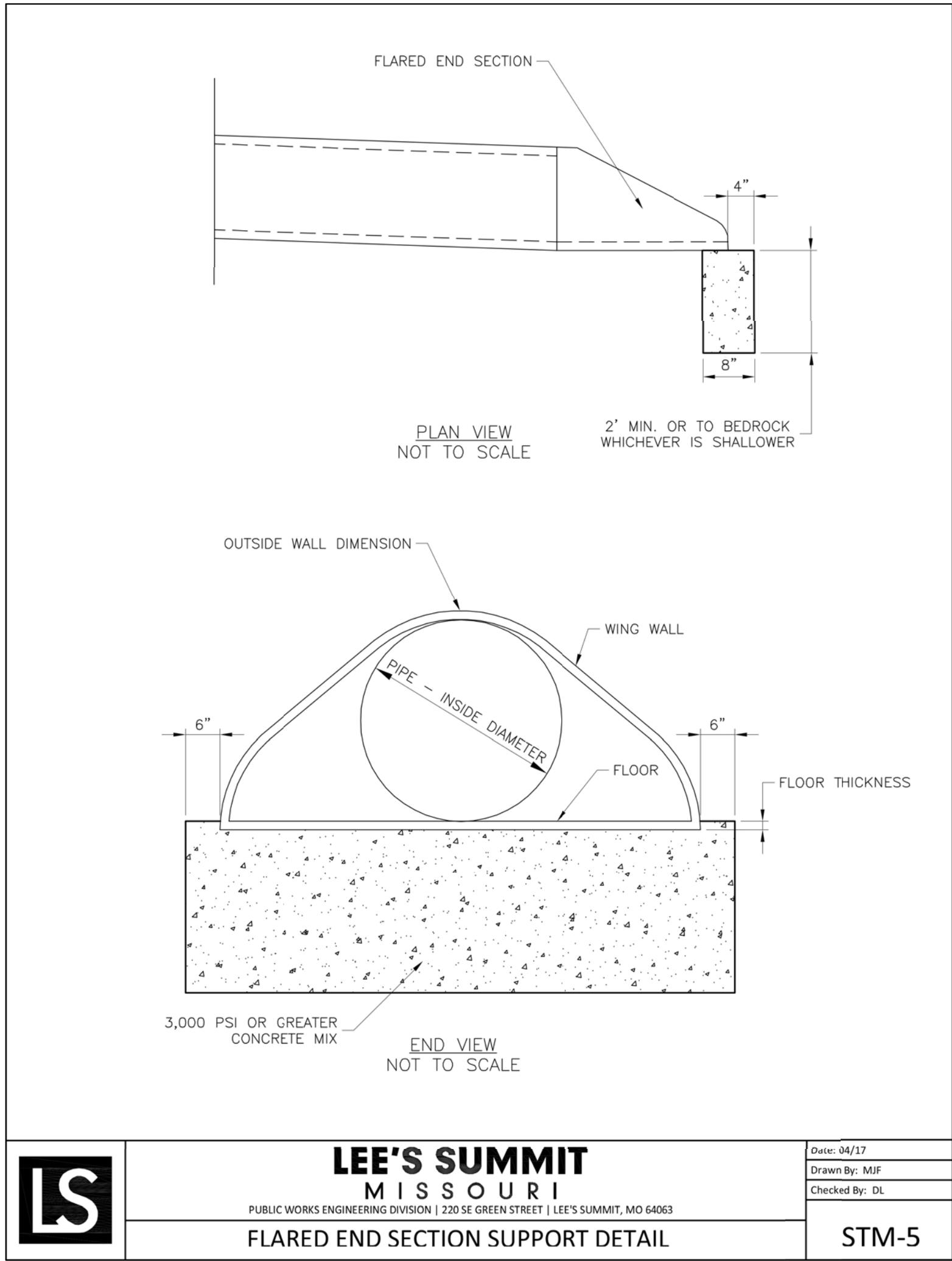
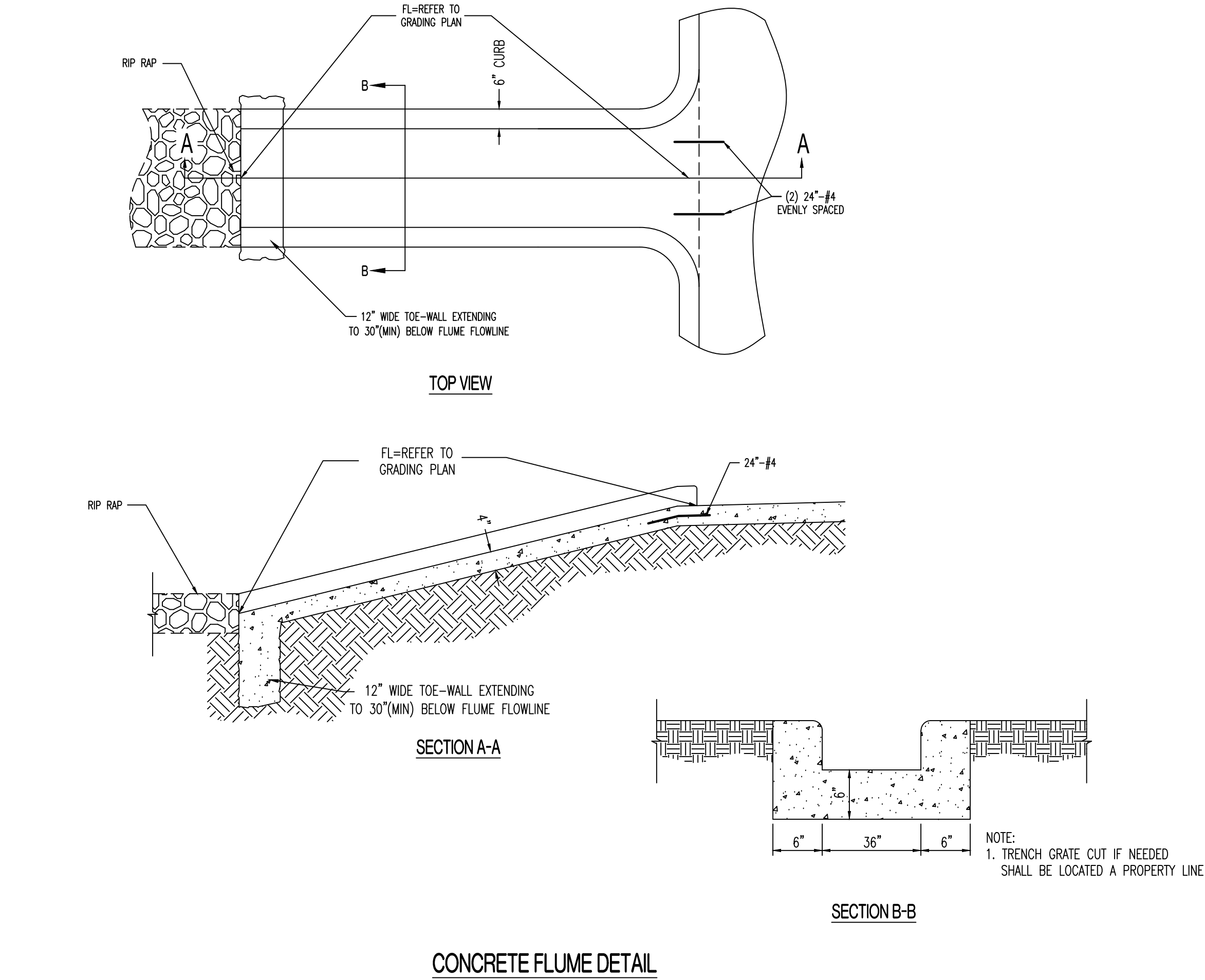
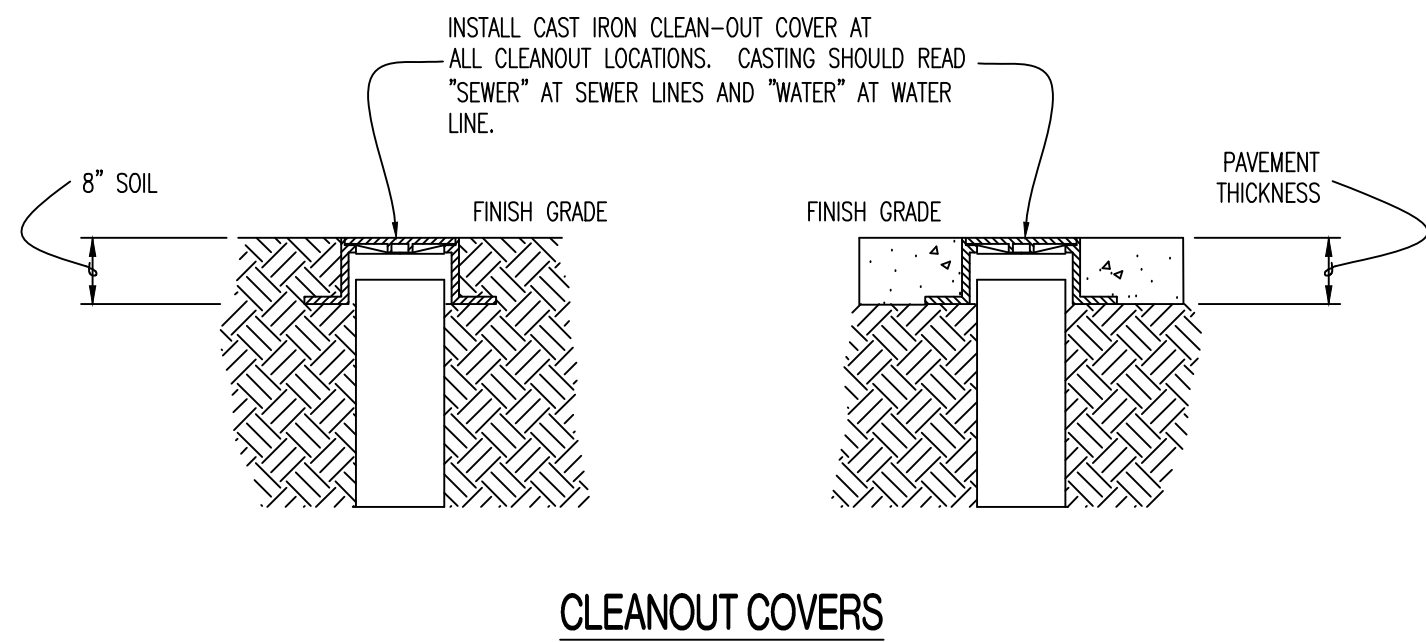
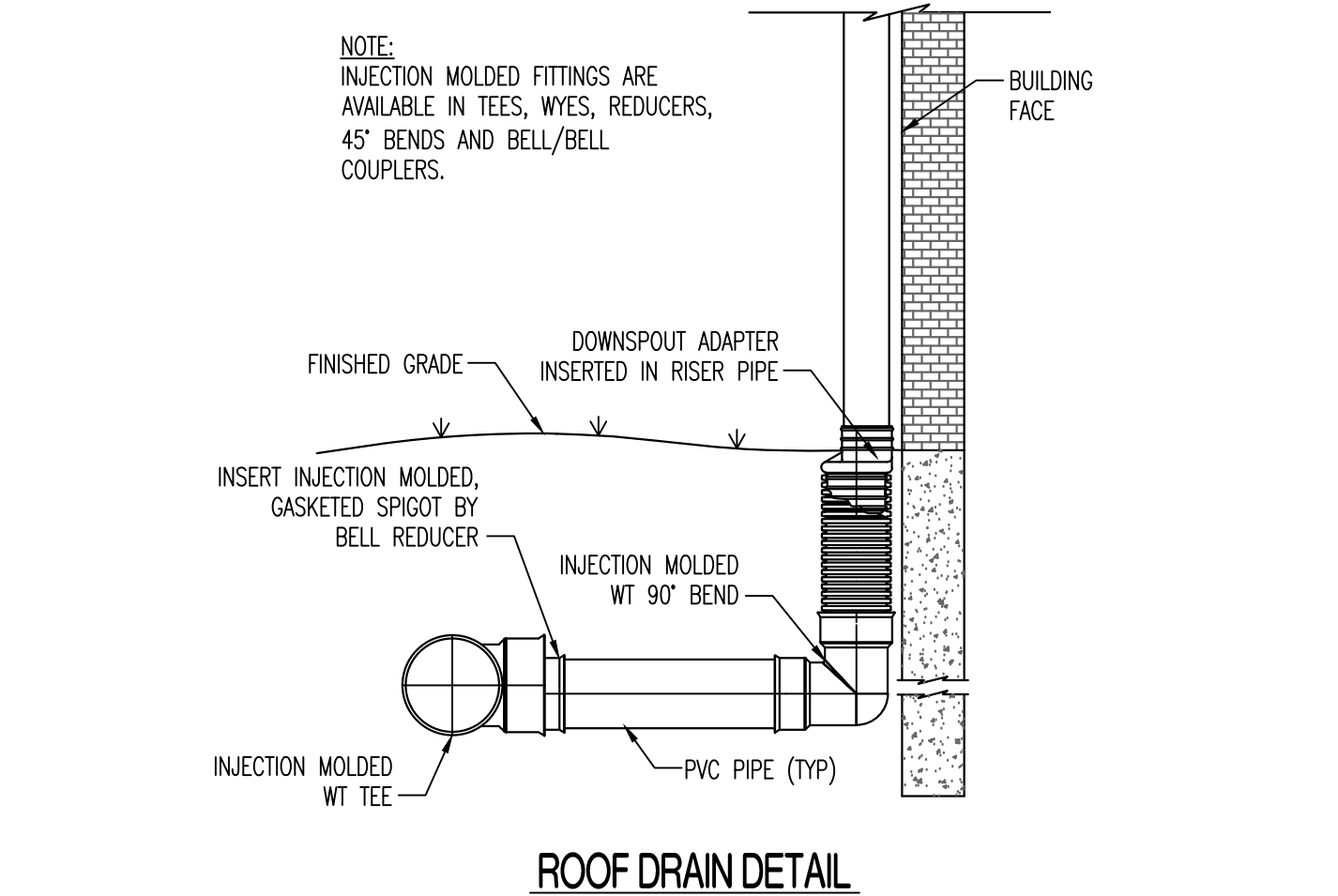
GRADING PLAN

DESIGNED: TDC

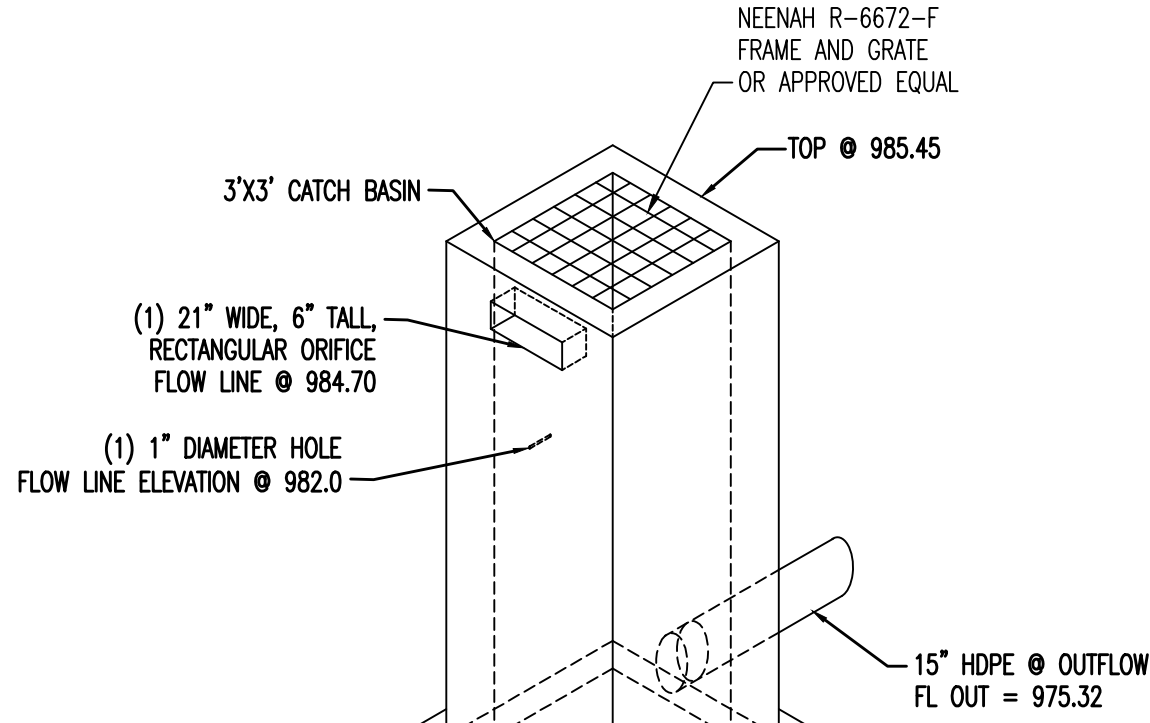
DRAWN: JEE

PROJECT NO.: 170504

SHEET: CE 3

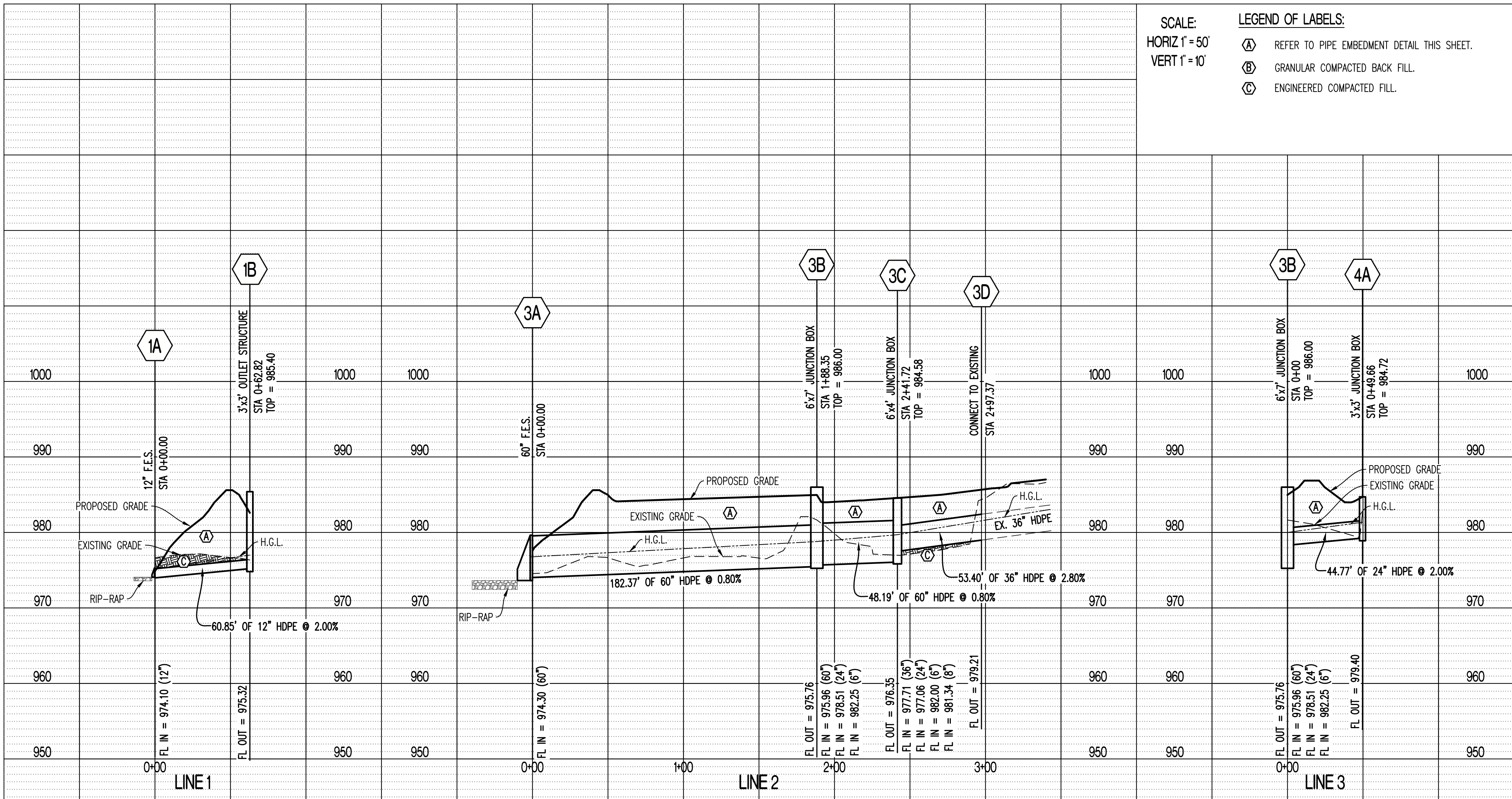


PIPE EMBEDMENT (In the Right of Way) (540.01)



STRUCTURE (IB)

NOTES:
1. REFER TO TYPICAL JUNCTION BOX CONSTRUCTION DETAILS PER STM-3



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TIMOTHY D. CROCKETT
PROFESSIONAL ENGINEER
NUMBER 0004000775
TIMOTHY D. CROCKETT
MO LICENSE - 0004000775

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SECTION 3, TOWNSHIP 47 NORTH, RANGE 31 WEST
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

DRAWING INCLUDES:
STORM SEWER PROFILE
LINES 1, 2, 3 & 4
STORM SEWER DETAILS

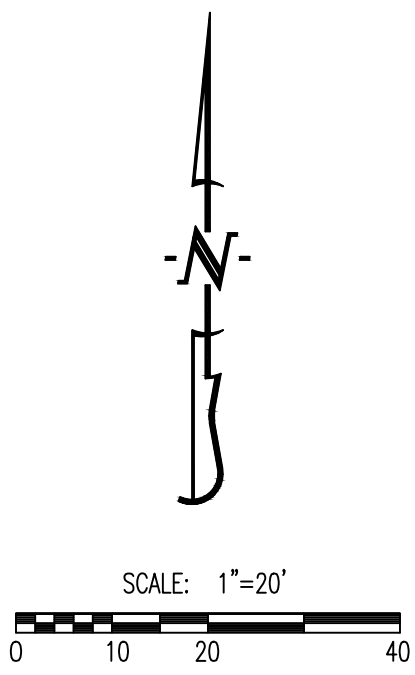
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PROJECT NO.: 170504
SHEET: CE 5



LEGEND OF LABELS	
A	CONSTRUCT CONCRETE PAVEMENT W/ INTEGRAL CURB AS SHOWN. REFER TO PAVEMENT CROSS SECTION ON CE 7. ALTERNATE: ASPHALTIC CONCRETE WITH CURB & GUTTER. REFER TO PAVEMENT CROSS SECTION ON CE 7.
B	CONSTRUCT CONCRETE PAVEMENT. REFER TO DETAIL ON CE 7.
C	PAINT 4" PARKING STALL STRIPES AS SHOWN, COLOR WHITE. TYPICAL ALL STALLS EXCEPT HANDICAP STALLS. REFER TO PLAN FOR WIDTH AND DEPTH OF STALLS.
D	CONSTRUCT HANDICAP PARKING AREA WITH SIGNAGE MOUNTED TO BUILDING AND ADA RAMP. PAINT 4" STRIPE AND HANDICAP SYMBOL, COLOR BLUE. PAINT HATCH AREA AS SHOWN, COLOR BLUE. SLOPE OF THE PAVEMENT AT ALL HANDICAP STALL SHALL NOT EXCEED 1:50. REFER TO DETAILS ON CE 8.
E	INSTALL EXPANSION JOINT BETWEEN BUILDING AND SITE PAVING. REFER TO STRUCTURAL PLANS.
F	INSTALL 1" EXPANSION JOINT OR TYPE A ALTERNATE EXPANSION JOINT IN PAVING. REFER TO DETAIL ON CE 7.
G	INSTALL 6" BOLLARDS AS SHOWN. REFER TO DETAIL ON CE 7.
H	PROPOSED LOCATION OF MAILBOX. CONTRACTOR TO COORDINATE LOCATION WITH US POSTAL SERVICE.
I	PROPOSED SECURITY GATE WITH KNOX BOX MEETING FIRE DEPARTMENT REQUIREMENTS.
J	PROPOSED SECURITY FENCE. REFER TO DETAIL CE 8.
K	PROPOSED 6' TALL VINYL PRIVACY FENCE.
L	PROPOSED PRECAST WHEEL STOP. REFER TO DETAIL CE 7.
M	5' WIDE, 4" THICK PCC SIDEWALK PER CITY OF LEE'S SUMMIT SPECIFICATIONS. MAXIMUM CROSS SLOPE AT 1:50.
N	CONCRETE PAD FOR CONDENSING UNITS. CONTRACTOR TO COORDINATE WITH MEP PLANS FOR EXACT NUMBER AND SIZE OF PAD.
O	CONCRETE FLUME. REFER TO DETAIL SHEET CE 5.
P	SAWCUT TO PROVIDE A SMOOTH JOINT.

- NOTES:**
- THIS DEVELOPMENT WILL UTILIZED THE EXISTING TRASH COLLECTION SERVICE FROM THE ADJACENT STORAGE MART FACILITY.
 - THESE PLANS ARE SUBJECT TO FIRE DEPARTMENT APPROVAL PRIOR TO FINAL PERMITTING.
 - ALL SIGNS SHALL COMPLY WITH ARTICLE 9 - SIGNS, OF THE UNIFIED DEVELOPMENT ORDINANCE.
 - ALL ACCESSIBLE PARKING SHALL COMPLY WITH THE REQUIREMENTS OF THE FEDERAL AMERICANS WITH DISABILITIES ACT.
 - ALL LIGHTING SHALL CONFORM TO ARTICLE 8, SUBDIVISION 5 - LIGHTING STANDARDS OF CITY OF LEE'S SUMMIT UDO. ANY LIGHTS USED TO ILLUMINATE THE PARKING AREA SHALL BE ARRANGED, LOCATED OR SCREENED SO THAT LIGHT IS DIRECTED AWAY FROM AND NO LIGHT SOURCE IS VISIBLE FROM A PUBLIC STREET, A RESIDENTIALLY-ZONED AREA, OR A RESIDENTIAL USE.
 - THE PAVEMENT JOINTS SHOWN ARE A GRAPHICAL REPRESENTATION OF A POSSIBLE JOINT. CONTRACTOR TO PROVIDE SHOP DRAWINGS WITH JOINT LAYOUT FOR APPROVAL BY ENGINEER PRIOR TO POURING OF PAVEMENT.
 - ALL MECHANICAL UNITS SHALL BE SCREENED PER UDO ARTICLE 8.

CALCULATIONS:	
LAND AREA:	
TOTAL LAND AREA:	1.27 AC
BUILDING DETAILS:	
1ST FLOOR:	16,541 SQ.FT.
2ND FLOOR:	14,961 SQ.FT.
3RD FLOOR:	14,961 SQ.FT.
TOTAL S.F. (3-STORIES)	46,463 SQ.FT.
PARKING SUMMARY:	
SPACES REQUIRED:	
MINI-WAREHOUSE STORAGE FACILITY	
- 2 FOR FACILITY	
- 1 PER EMPLOYEE MAX. SHIFT	
STANDARD SPACES REQUIRED (2 EMPLOYEES, MAX SHIFT):	4 SPACES
HANDICAP SPACES REQUIRED:	1 SPACE
SPACES PROVIDED:	
STANDARD SPACES PROVIDED:	4 SPACES
HANDICAP SPACES PROVIDED:	2 SPACE
TOTAL SPACES PROVIDED:	6 SPACES
LOT COVERAGES:	
NET LAND AREA:	55,449 SQ.FT. 100%
TOTAL IMPERVIOUS SURFACE AREA:	36,782 SQ.FT. 66%
TOTAL OPEN SPACE:	18,667 SQ.FT. 34%
FLOOR AREA RATIO:	84%



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DRAWING INCLUDES:

SITE PLAN

DESIGNED:

TDC

DRAWN:

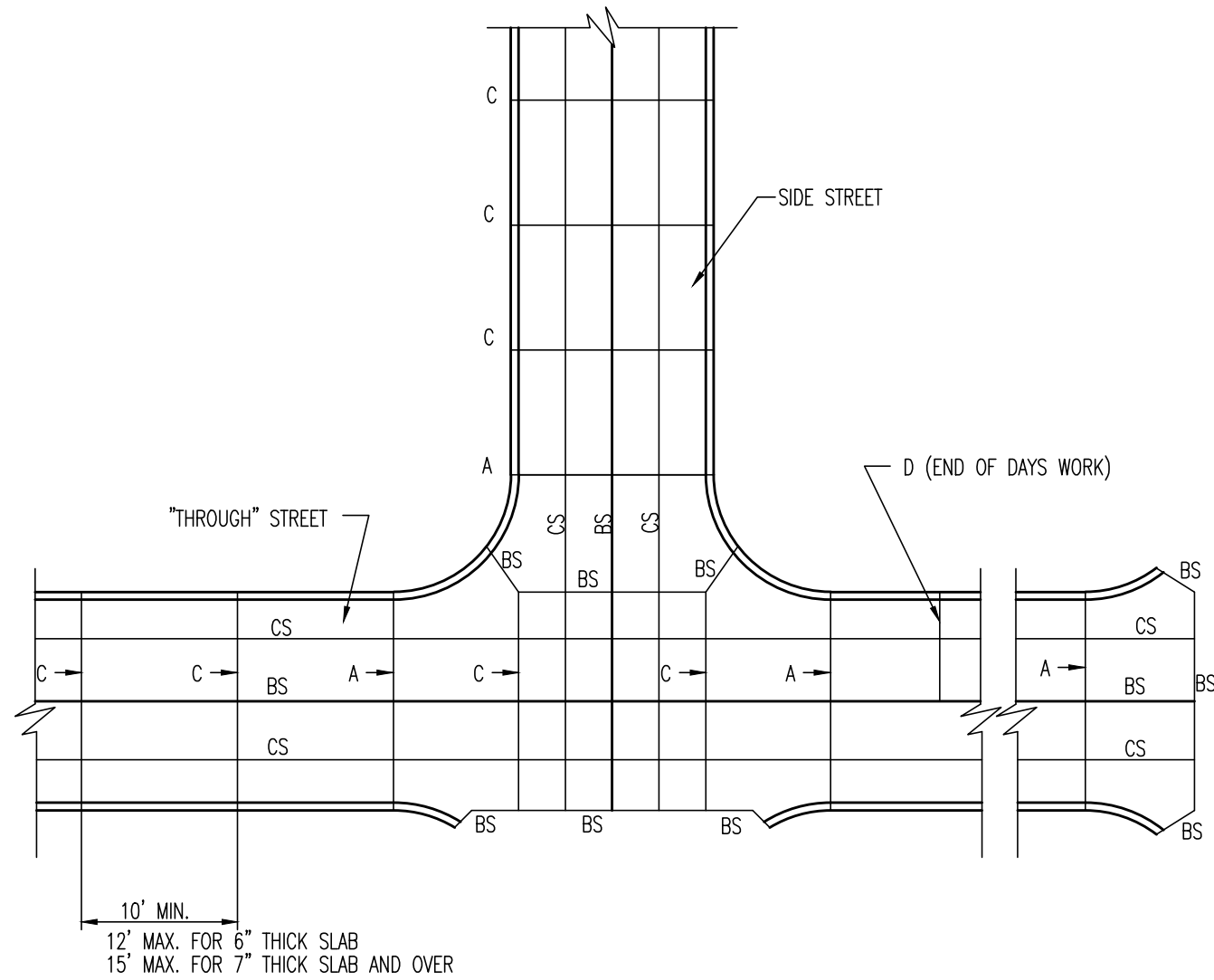
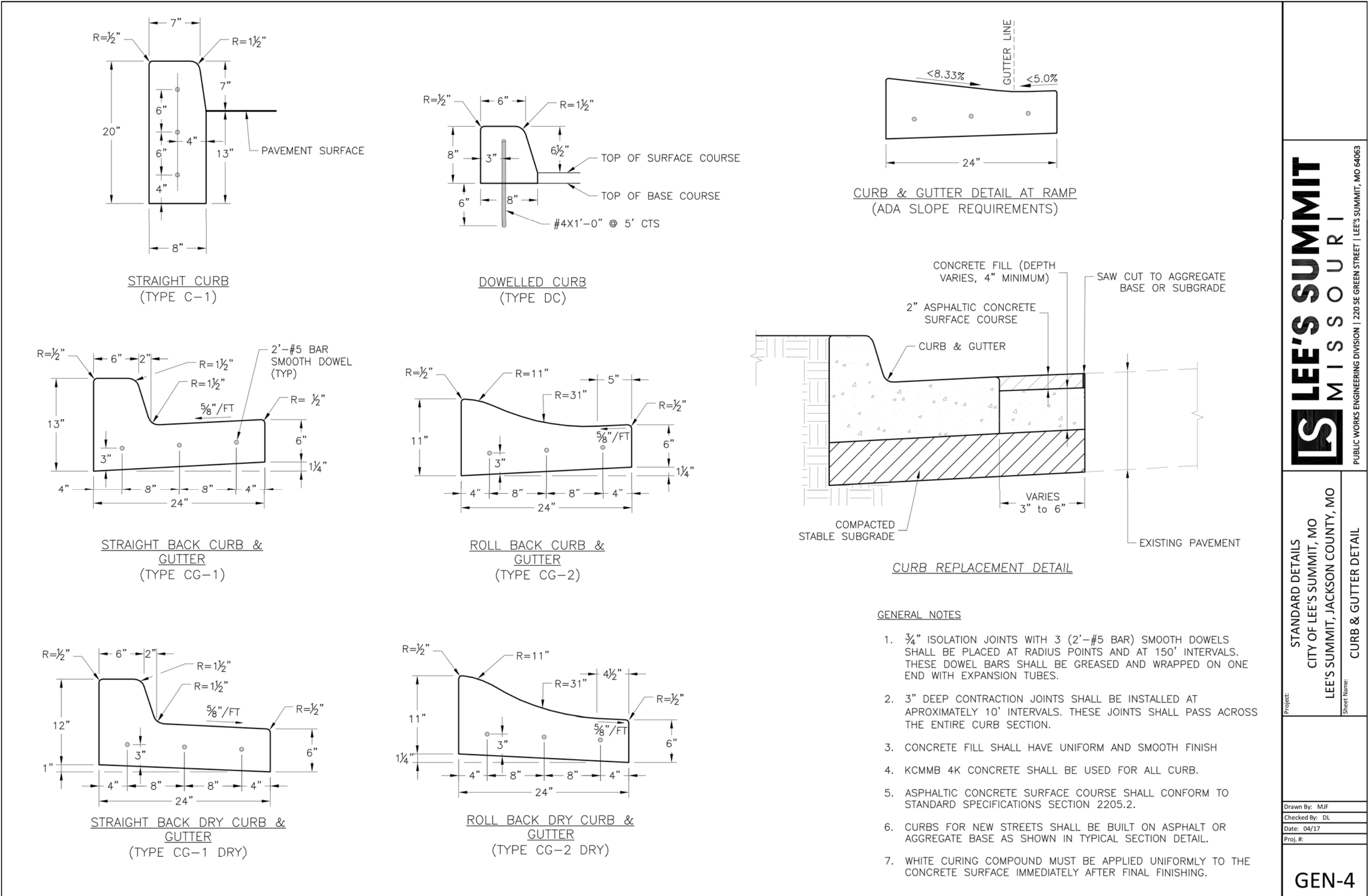
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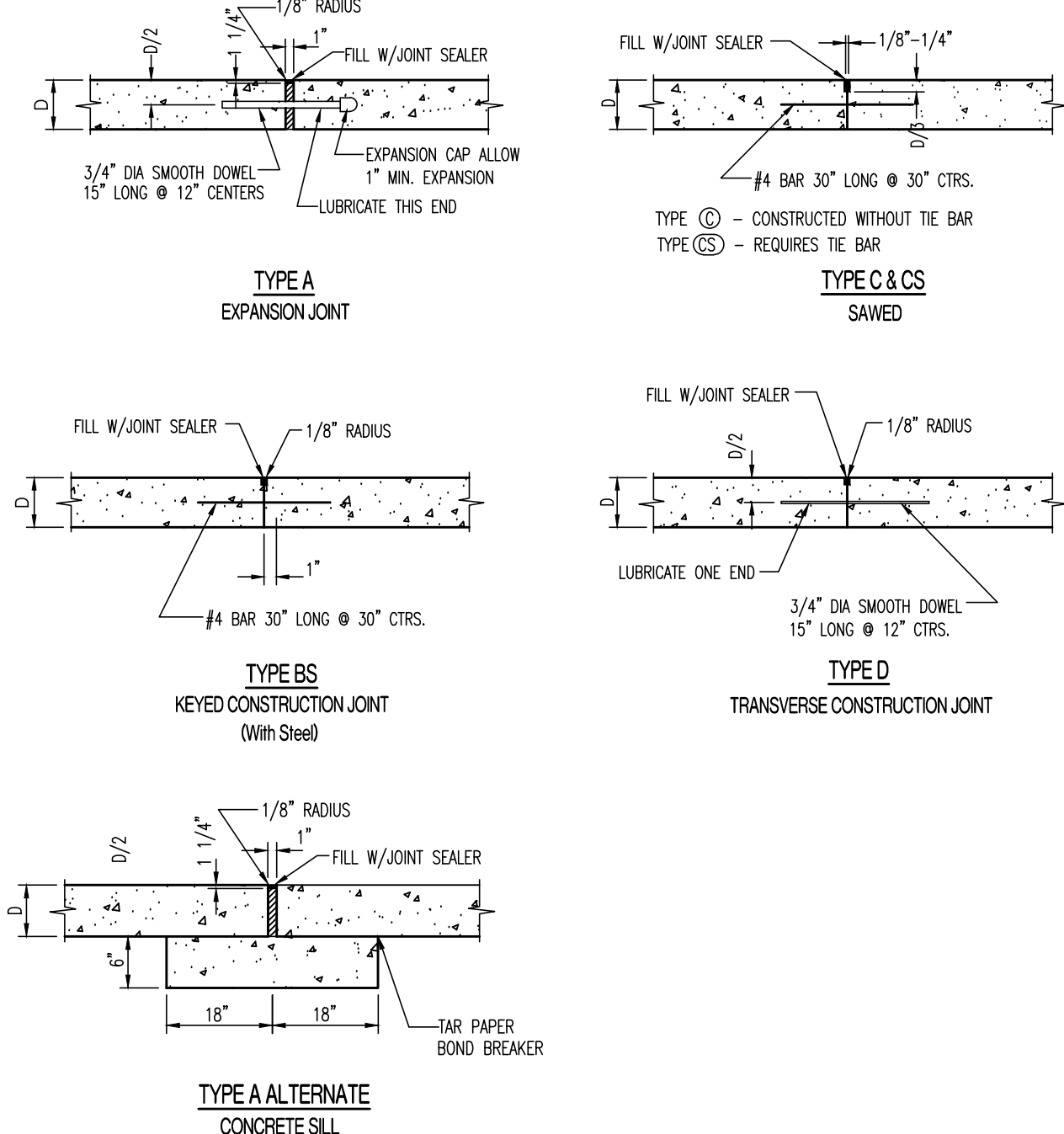
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CE 6

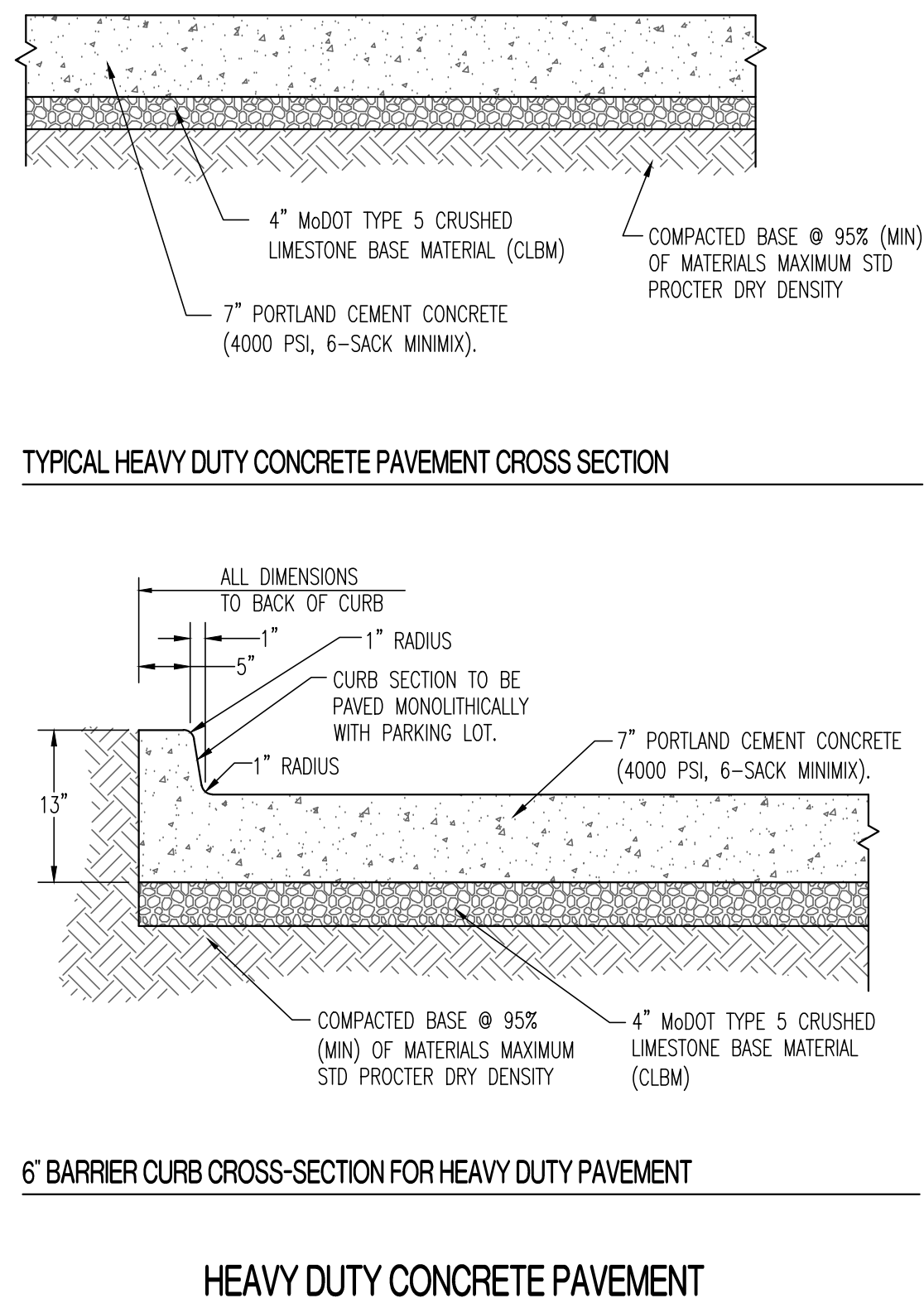
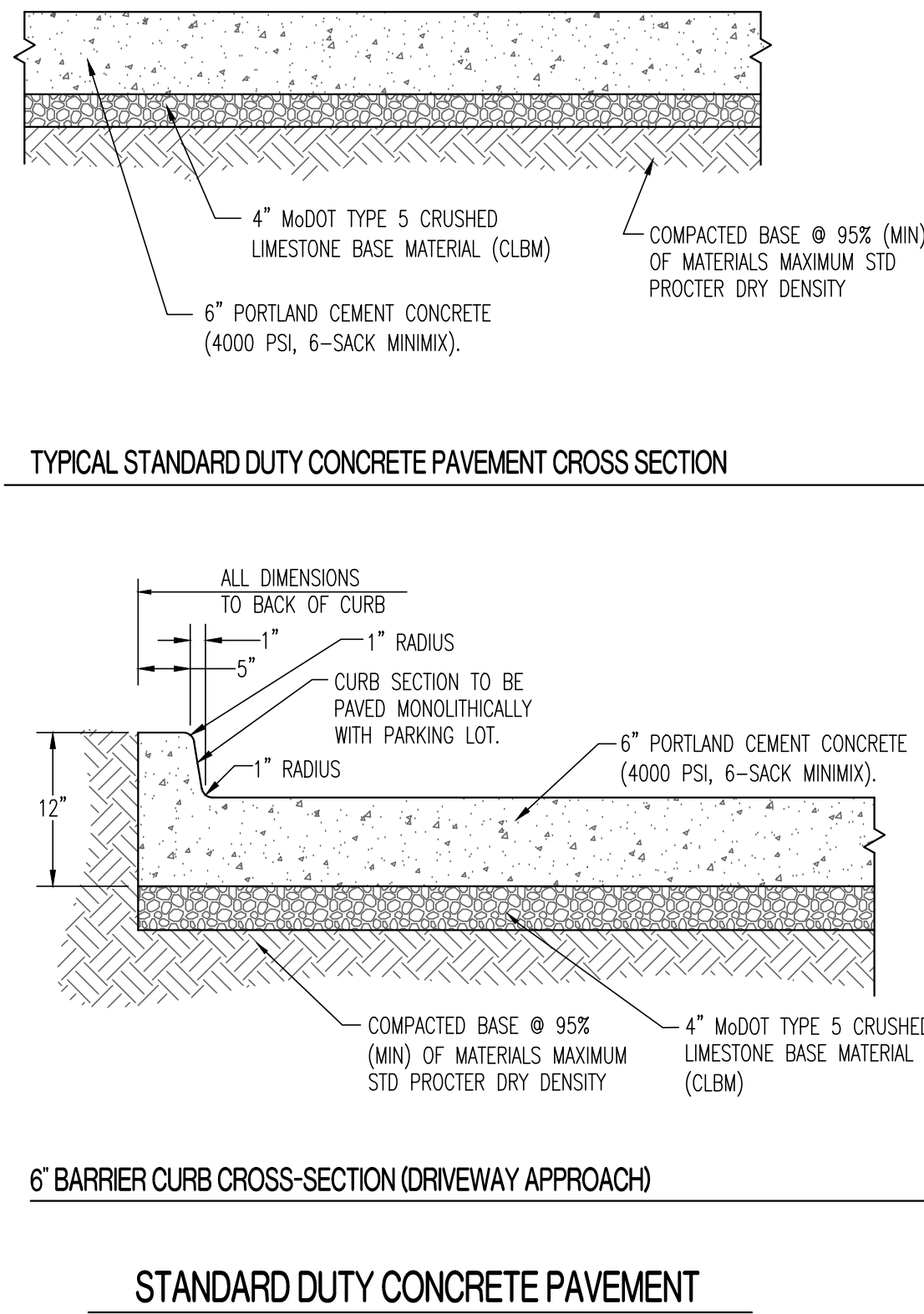
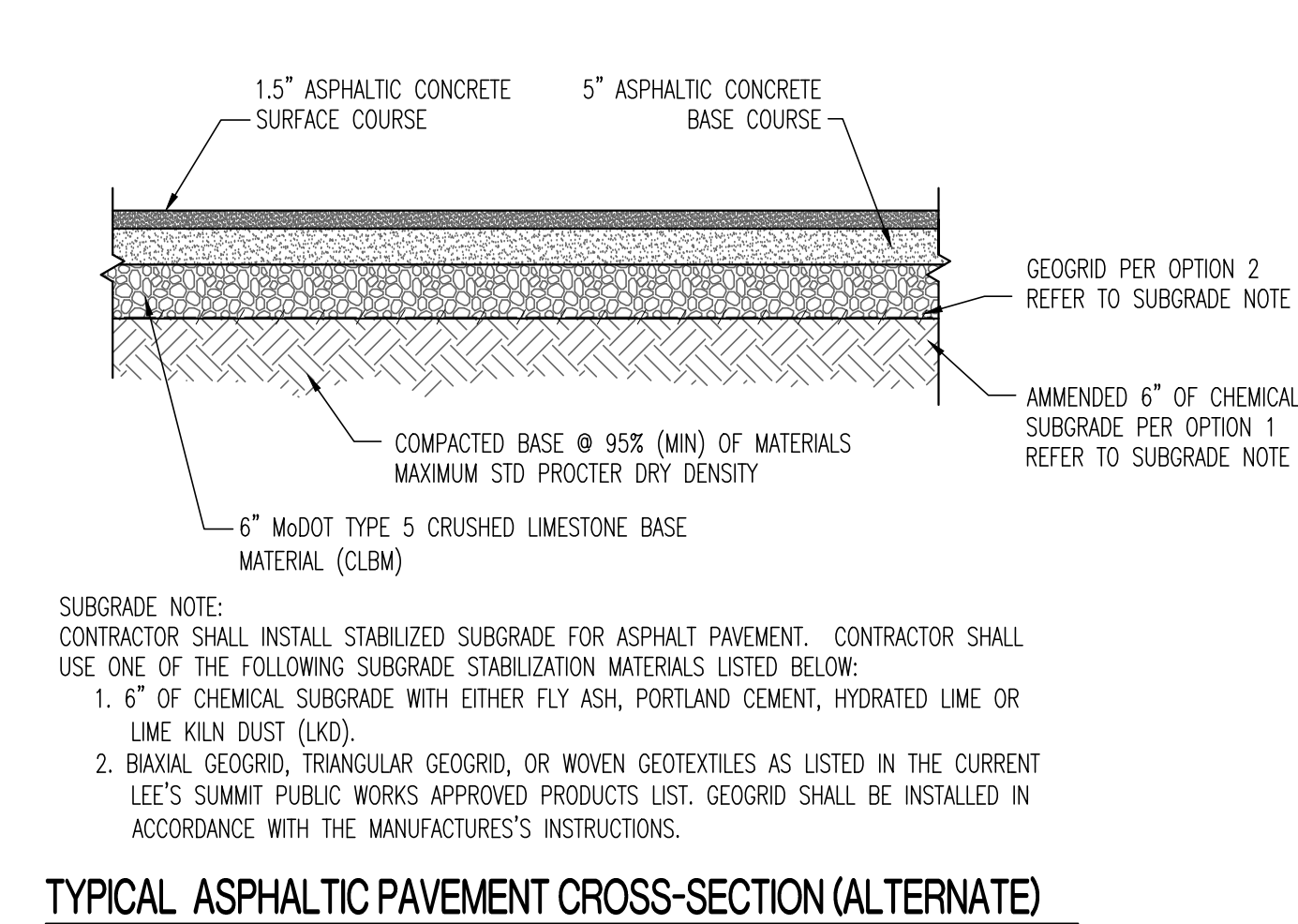
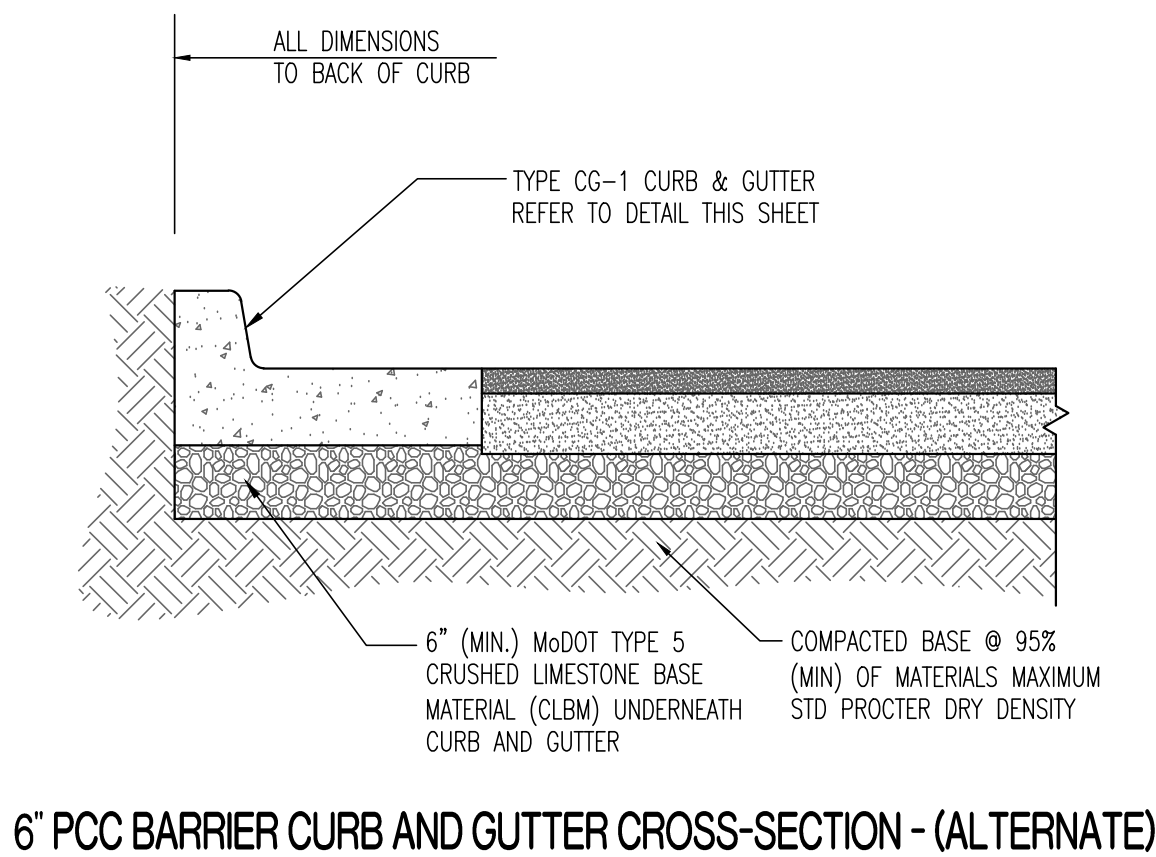
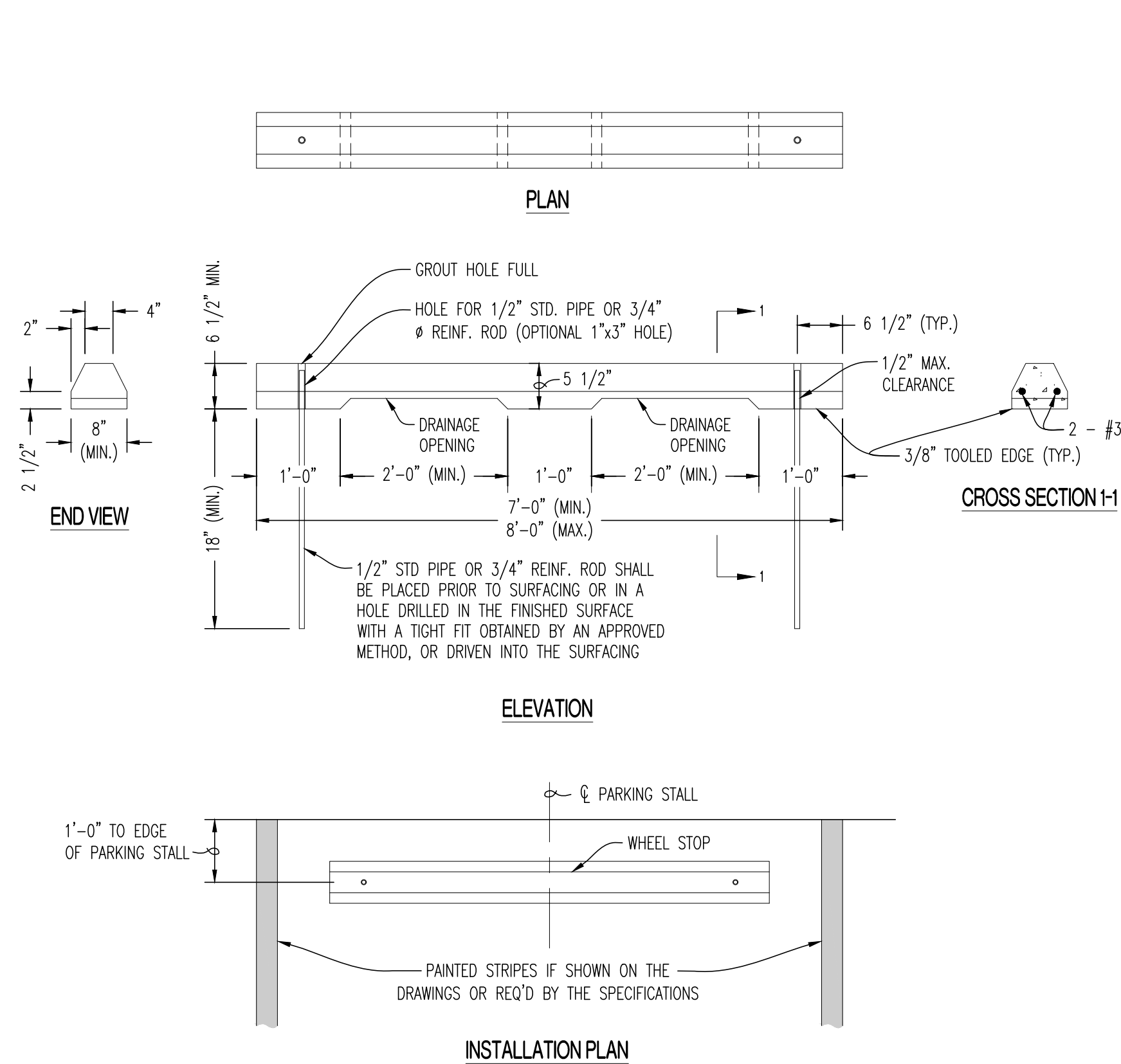


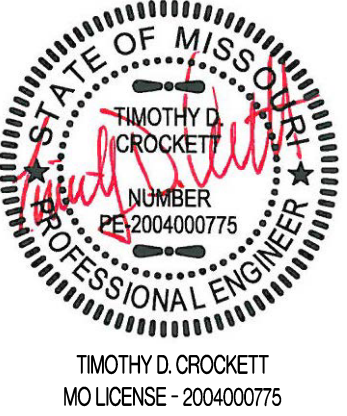
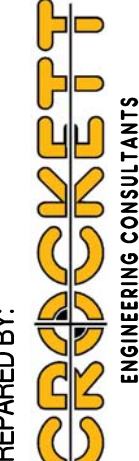
- NOTE:
- TRANSVERSE TYPE C JOINTS SHALL BE SAWED AS SOON AS CONCRETE CAN WITHSTAND RAVELING, JOINTS SHALL BE CLEANED AND FILLED WITH BITUMINOUS COMPOUND IMMEDIATELY FOLLOWING SAWING.
 - INSTALL TYPE A EXPANSION JOINTS AT INTERSECTIONS, AND AT STRUCTURES.
 - INSTALL TYPE A EXPANSION JOINTS AT PC & PT OF CURVES. WITH DEFLECTION ANGLE OF GREATER THAN 30'.
 - INSTALL TYPE A EXPANSION JOINT AT BULB OF CUL-DE-SAC.
 - INSTALL TYPE A EXPANSION JOINT AT 500' SPACING MAXIMUM.
 - USE TYPE D JOINT AT END OF DAYS WORK.

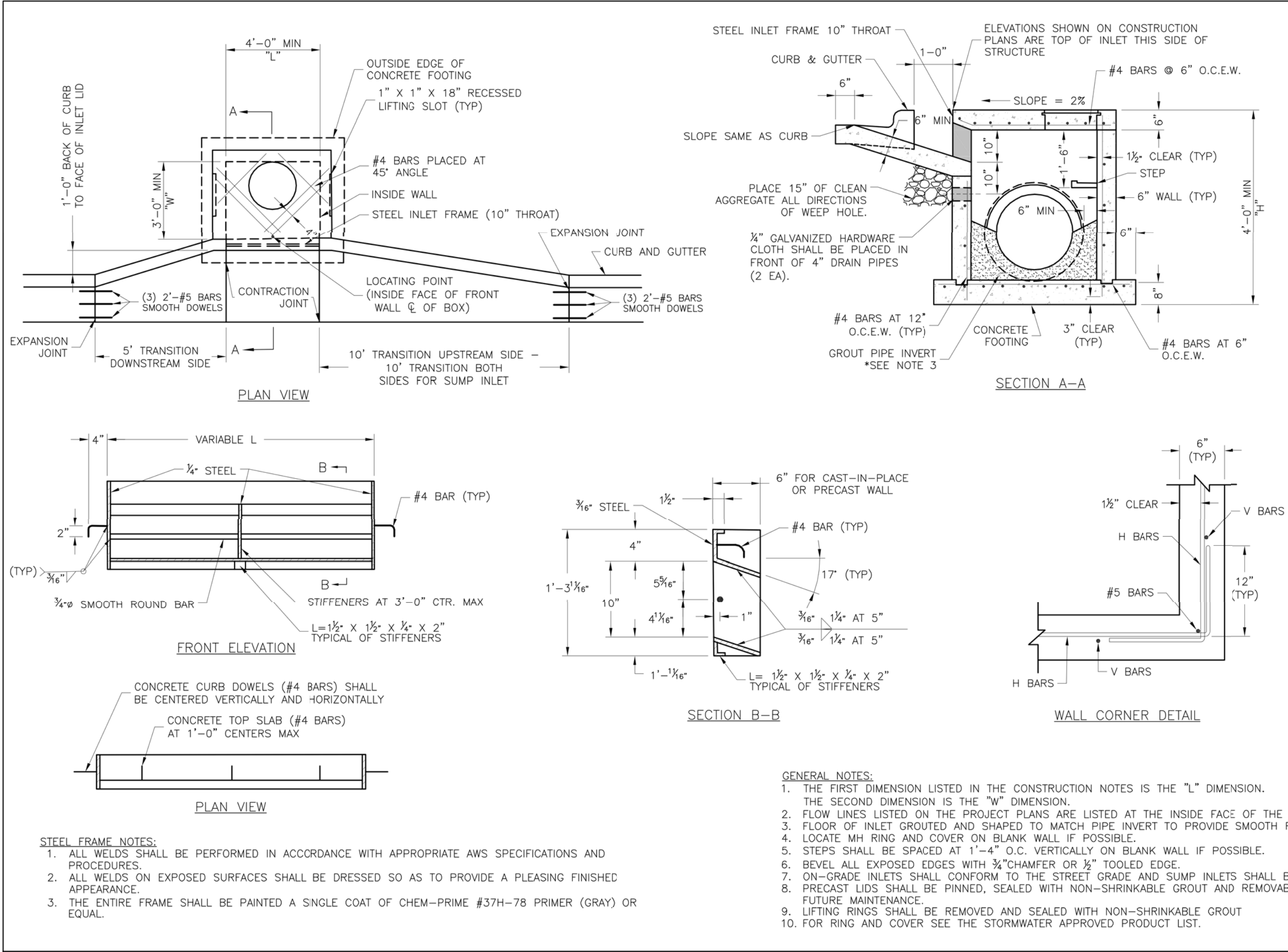
JOINT DETAILS (P.C. Concrete Pavement) (200.01A)



JOINT DETAILS (P.C. Concrete Pavement) (200.01B)



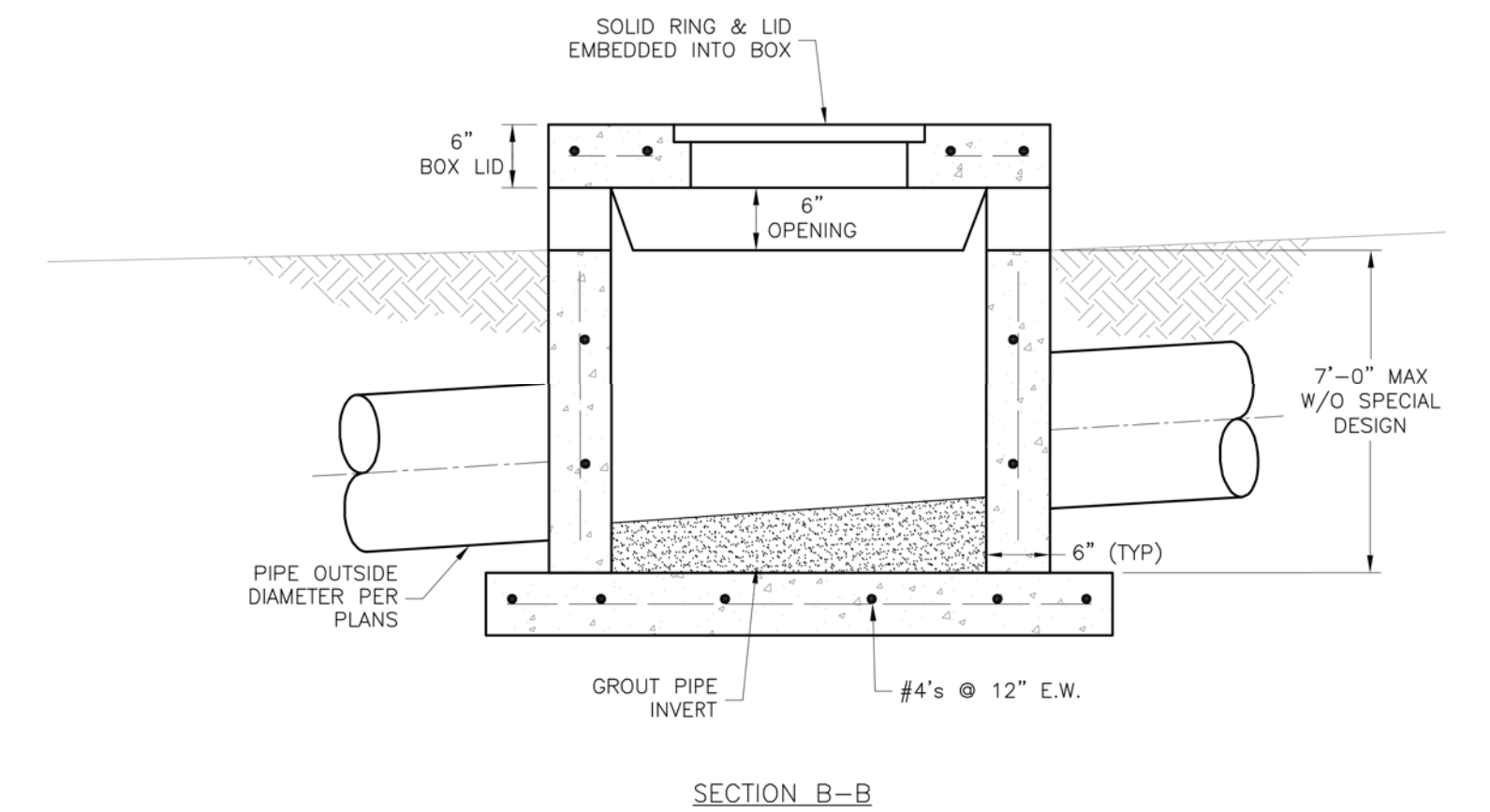
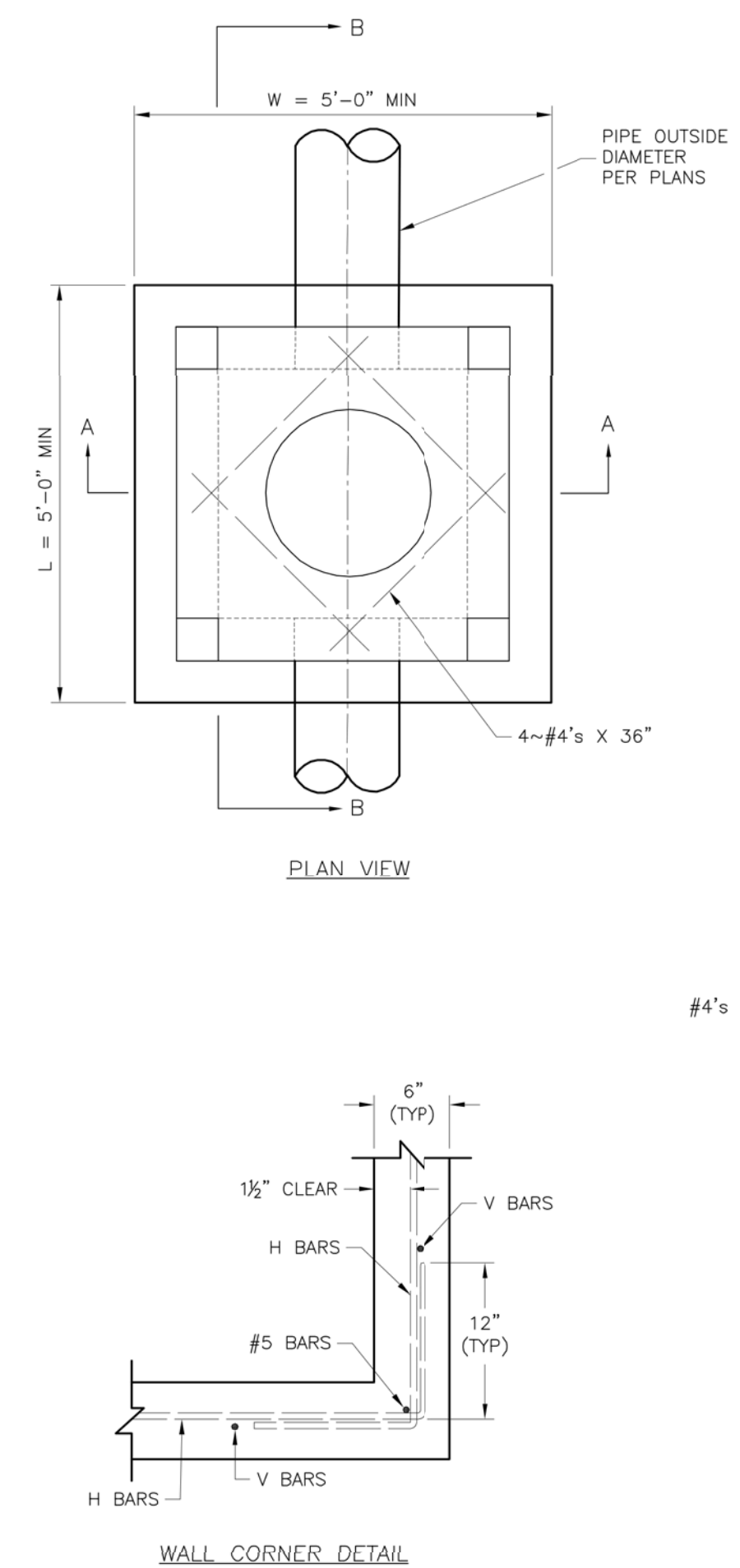
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PROJECT NO.: 170504	
SHEET: CE 7	



LEE'S SUMMIT MISSOURI

STANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
LEE'S SUMMIT, JACKSON COUNTY, MO

STM-1

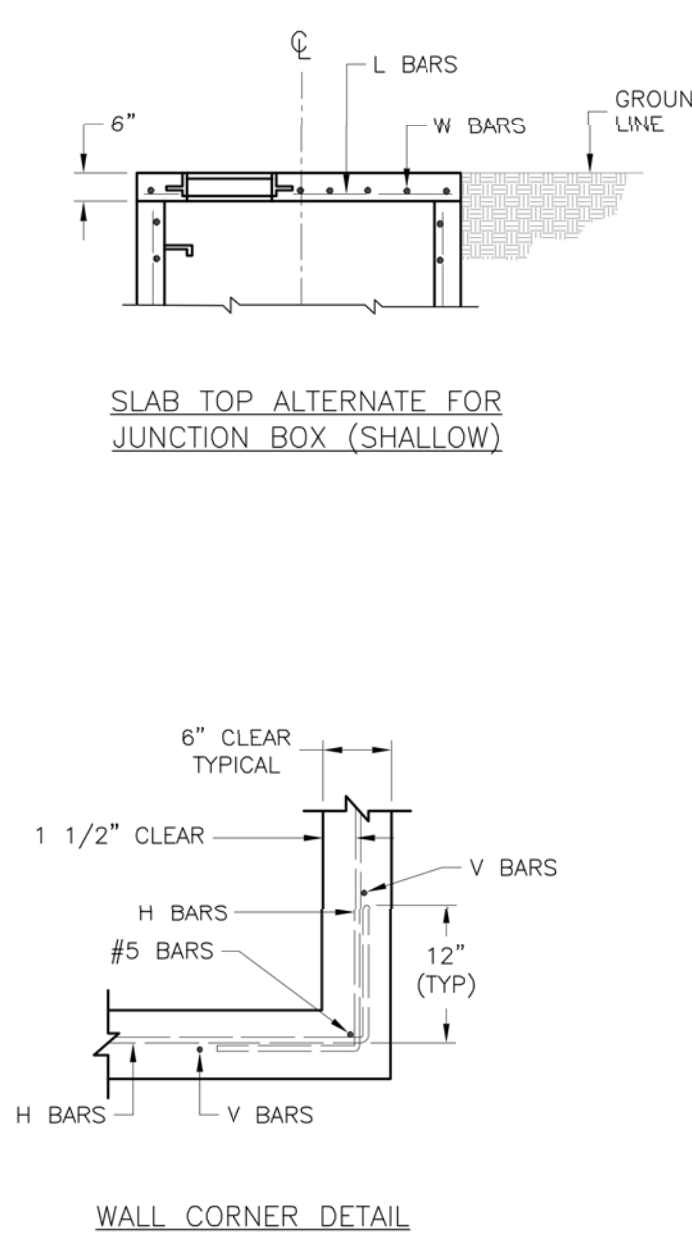
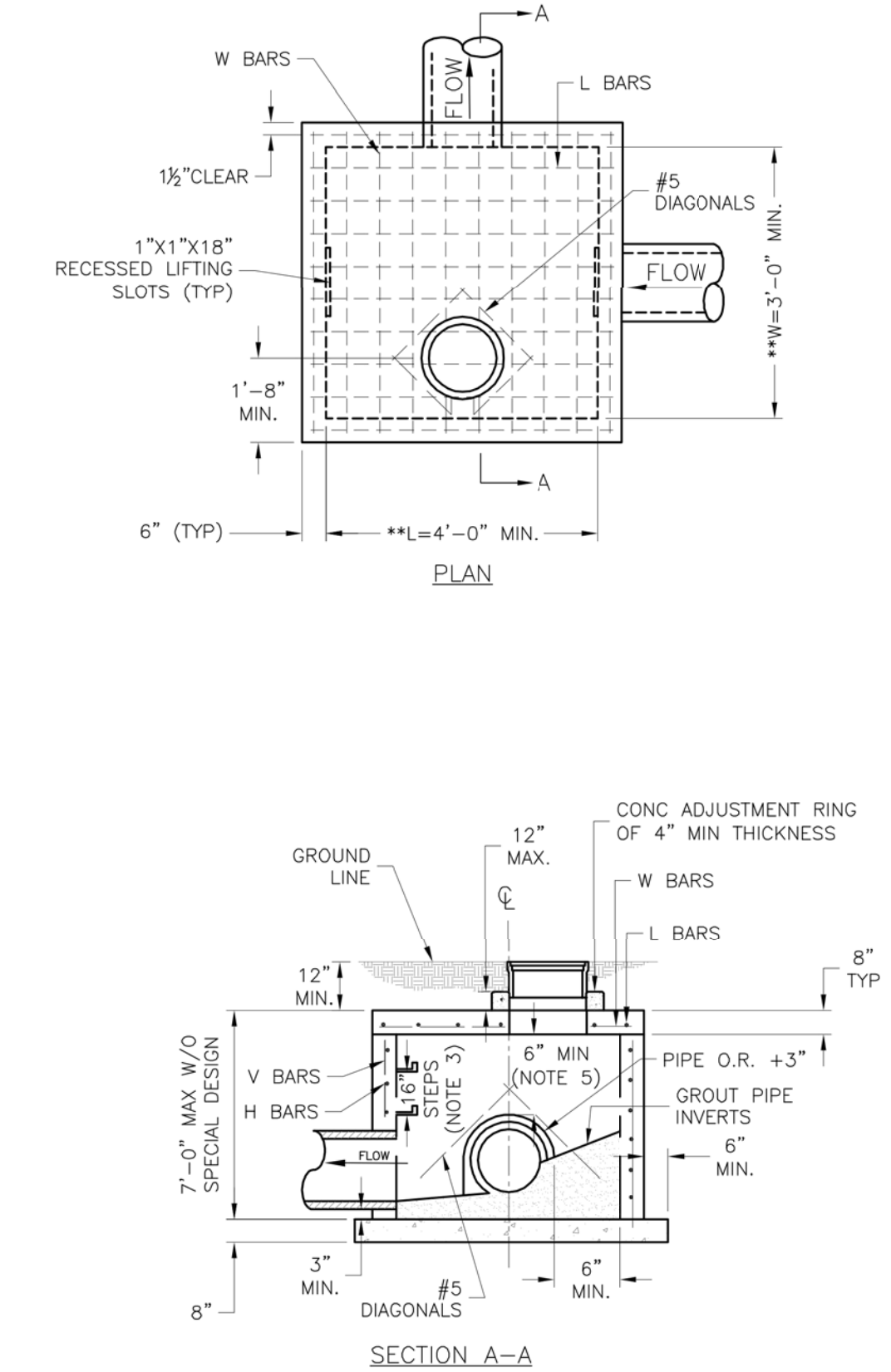


- GENERAL NOTES:**
1. LOCATE RING AND COVER OVER OUTLET ON BLANK WALL.
 2. USE 3/4" CHAMFER ON ALL EXPOSED CONCRETE CORNERS.
 3. FLOOR OF INLET GROUTED AND SHAPED TO MATCH PIPE INVERT TO PROVIDE SMOOTH FLOW.
 4. STEPS REQUIRED AT 16" O.C. WHEN DEPTH FROM TOP OF CASTING TO INVERT EXCEEDS 3' ON BLANK WALL IF POSSIBLE.
 5. BOXOUTS WILL NOT BE ALLOWED TO PROJECT THROUGH THE CORNERS OF THE STRUCTURE.
 6. THE MINIMUM REINFORCING SHALL BE 1 H-BAR OVER A CAST-IN-PLACE PIPE AND 2 H-BARS OVER A PRECAST BOXOUT.
 7. SHOW FIELD INLET ORIENTATION ON PLANS PLUS NUMBER AND SIDE OF OPENINGS.
 8. PRECAST LIDS SHALL BE PINNED, SEALED WITH NON-SHRINKABLE GROUT AND REMOVABLE FOR FUTURE MAINTENANCE.
 9. FOR RING AND COVER SEE THE STORMWATER APPROVED PRODUCT LIST.

LEE'S SUMMIT MISSOURI

STANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
LEE'S SUMMIT, JACKSON COUNTY, MO

STM-2



REINFORCING

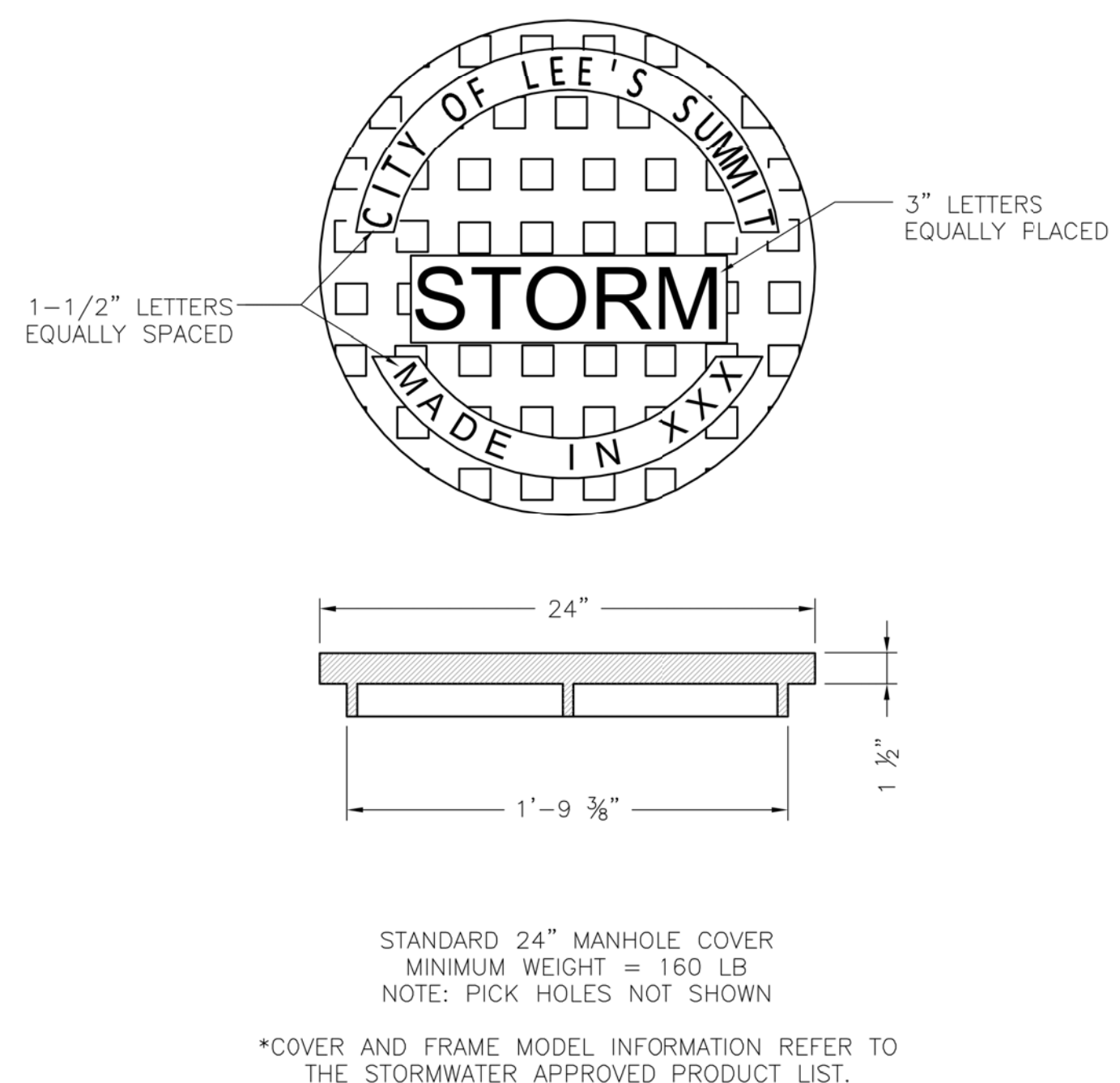
BAR SIZE	SPACING (IN.)
H 4	12
V 4	12
L 5	6
W 5	6

- GENERAL NOTES:**
1. LOCATE RING AND COVER ON BLANK WALL.
 2. USE 3/4" CHAMFER STRIP OR 1/2" R EDGER TOOL ON ALL EXPOSED CONCRETE CORNERS.
 3. STEPS REQUIRED AT 16" O.C. WHEN DEPTH FROM TOP OF CASTING TO INVERT EXCEEDS 4' ON BLANK WALL IF POSSIBLE.
 4. BOXOUTS WILL NOT BE ALLOWED TO PROJECT THROUGH THE CORNERS OF THE STRUCTURE AND THE MINIMUM DISTANCE BETWEEN BOXOUTS IS 6".
 5. THE MINIMUM REINFORCING SHALL BE 1 H-BAR OVER A CAST-IN-PLACE PIPE AND 2 H-BARS OVER A PRECAST BOXOUT.
 6. PRECAST LIDS SHALL BE PINNED, SEALED WITH NON-SHRINKABLE GROUT AND REMOVABLE FOR FUTURE MAINTENANCE.
 7. REINFORCING OF COVERS IN STREETS REQUIRE SPECIAL DESIGN.
 8. FOR RING AND COVER SEE THE STORMWATER APPROVED PRODUCT LIST.

LEE'S SUMMIT MISSOURI

STANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
LEE'S SUMMIT, JACKSON COUNTY, MO

STM-3



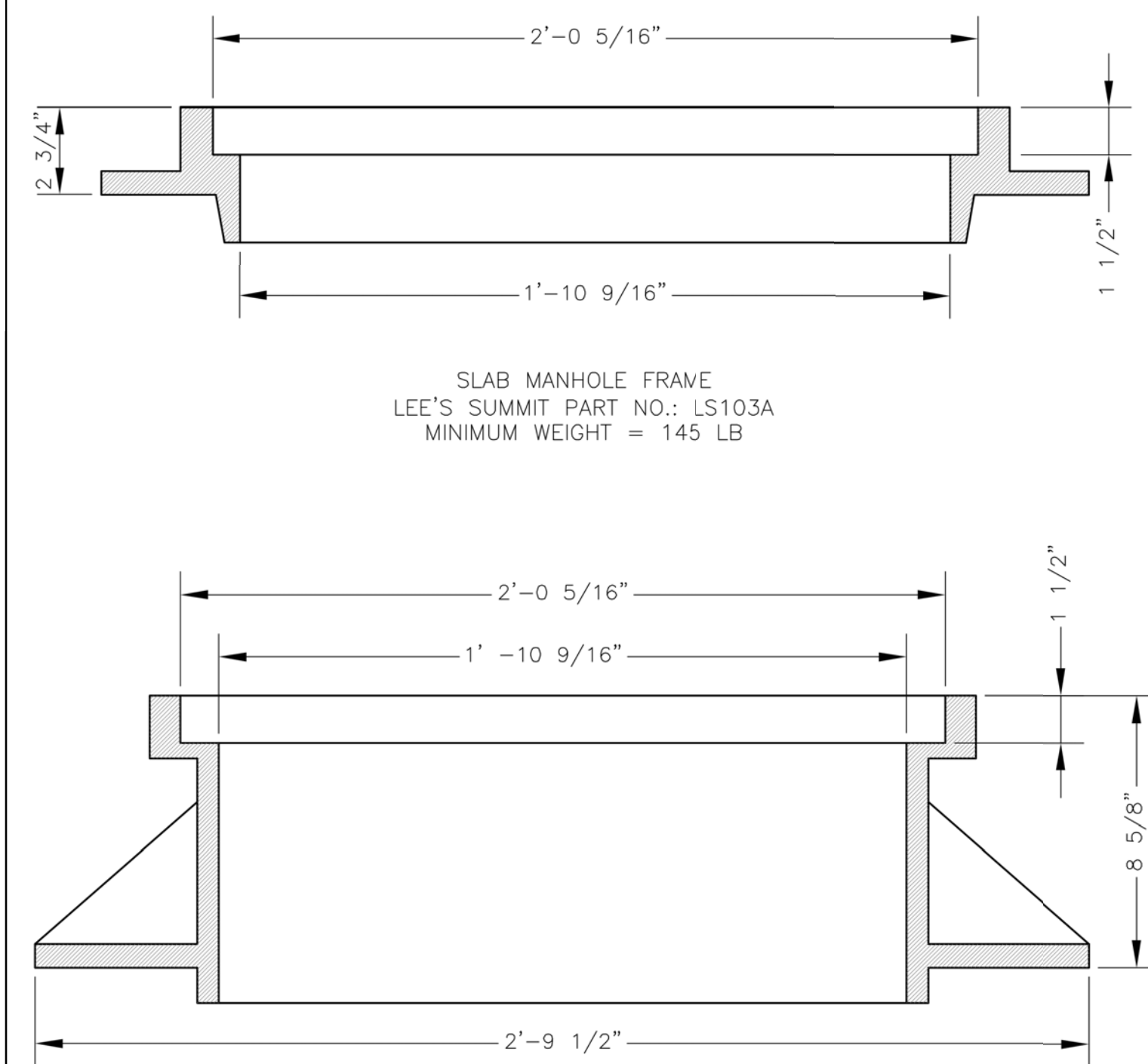
STANDARD 24" MANHOLE COVER
MINIMUM WEIGHT = 160 LB
NOTE: PICK HOLES NOT SHOWN

*COVER AND FRAME MODEL INFORMATION REFER TO THE STORMWATER APPROVED PRODUCT LIST.

LEE'S SUMMIT MISSOURI

STORM MANHOLE COVER DETAIL

STM-6



SLAB MANHOLE FRAME
LEE'S SUMMIT PART NO.: LS103A
MINIMUM WEIGHT = 145 LB

STANDARD 24" MANHOLE FRAME
LEE'S SUMMIT PART NO.: LS101A
MINIMUM WEIGHT = 250 LB

*COVER AND FRAME MODEL INFORMATION REFER TO THE STORMWATER APPROVED PRODUCTS LIST.

LEE'S SUMMIT MISSOURI

STORM MANHOLE FRAME DETAIL

STM-7

REVISIONS:

NO.	DATE
ORIGINAL	05/17/2019

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY

STATE OF MISSOURI
TIMOTHY D. CROCKETT
NUMBER 052004000775
PROFESSIONAL ENGINEER
TIMOTHY D. CROCKETT
MO LICENSE: 2004000775

CROCKETT
ENGINEERING CONSULTANTS
200 W. WILSON BLVD., SUITE 207
COLUMBIA, MISSOURI 65203
www.crockettingeering.com
(314) 447-0792
Missouri Professional Engineer License No. 052004000775

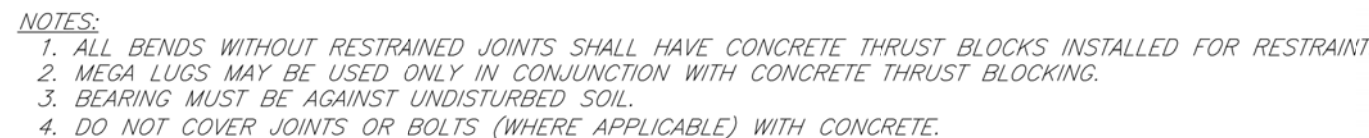
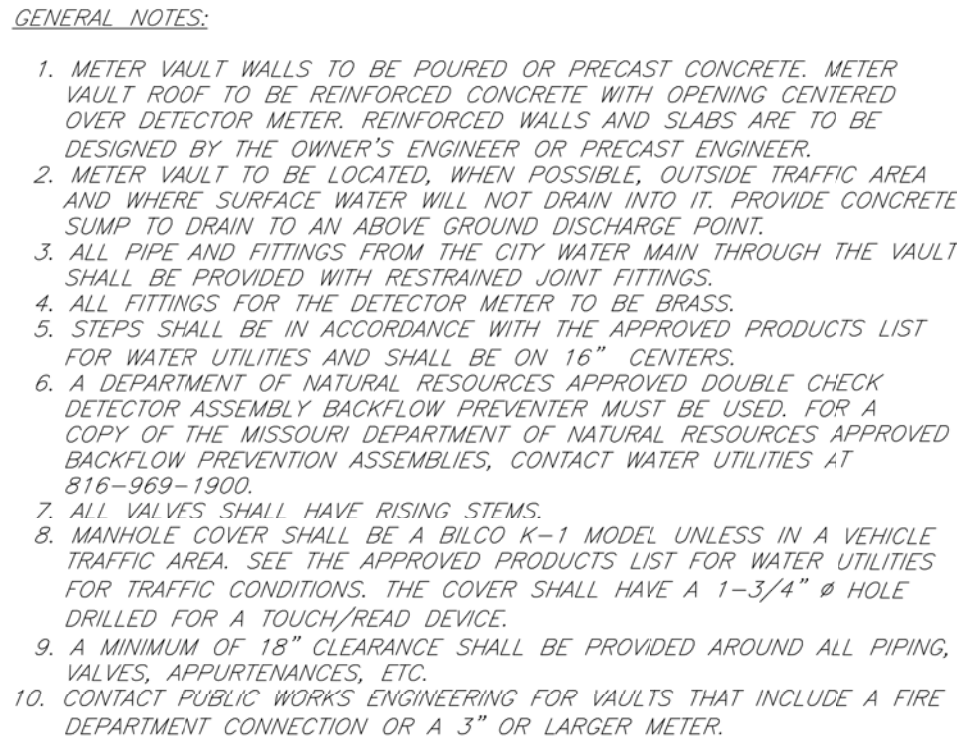
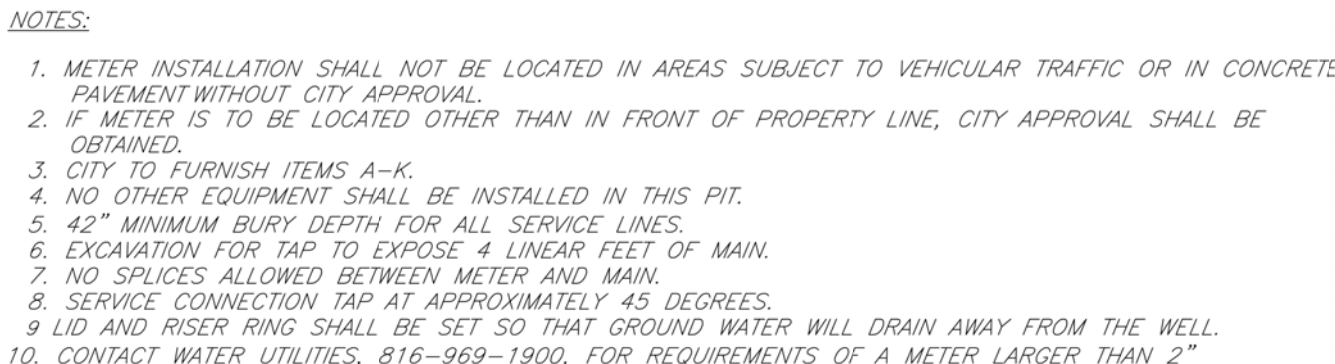
OWNER:
NEW TKG-KC, LLC
2615 N. STADIUM BLVD., SUITE 207
COLUMBIA, MO 65203

DRAWING INCLUDES:
STORM SEWER DETAILS

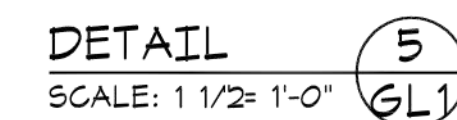
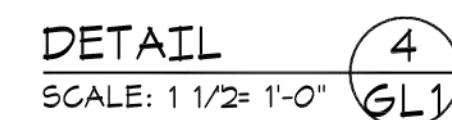
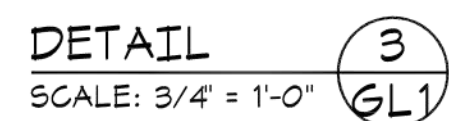
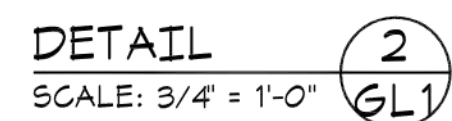
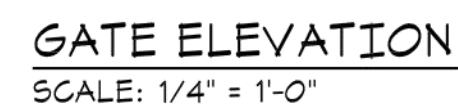
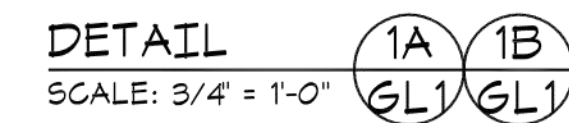
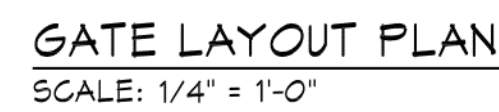
DESIGNED: TDC
DRAWN: JEE
PROJECT NO.: 170504
SHEET: CE 9

NOTES:

1. ALL BENDS WITHOUT RESTRAINED JOINTS SHALL HAVE CONCRETE THRUST BLOCKS INSTALLED FOR RESTRAINT.
2. MEGA LUGS MAY BE USED ONLY IN CONJUNCTION WITH CONCRETE THRUST BLOCKING.
3. BEARING AREA MUST BE AGAINST UNDISTURBED SOIL.
4. DO NOT COVER JOINTS OR BOLTS (WHERE APPLICABLE) WITH CONCRETE.



REVISIONS:	
NO.	DATE
ORIGINAL	05/17/2019
THIS SHEET HAS BEEN SIGNED, SEALED, AND DATED ELECTRONICALLY	
	
TIMOTHY D. CROCKETT MO LICENSE - 2004000775	
PREPARED BY:  ENGINEERING CONSULTANTS 1020 N. WING AND BLVD. #115 COLUMBIA, MISSOURI 65203 www.crockettengineering.com Crockett Engineering Consultants, LLC Missouri License #2000191301	
OWNER: NEW TRC-KC, LLC 2615 N. STADIUM BLVD., SUITE 1207 COLUMBIA, MO 65203	
STORAGE MART 156 3920 S. STATE ROUTE 291 SECTION 3, TOWNSHIP 47 NORTH, RANGE 31 WEST LEE'S SUMMIT, JACKSON COUNTY, MISSOURI	
DRAWING INCLUDES: WATER DETAILS	
DESIGNED: TDC	
DRAWN: JEE	
PROJECT NO: 170504	
SHEET: CE 10	



STORAGE MART 156
3920 S. STATE ROUTE 291
SECTION 3, TOWNSHIP 47 NORTH, RANGE 31 WEST
LEE'S SUMMIT, JACKSON COUNTY, MISSOURI

DRAWING INCLUDES:

SECURITY GATE
DETAILS

DESIGNED:	TDC
DRAWN:	JEE
PROJECT NO.:	170504
SHEET:	CE 11