

VICINITY MAP
 NOT TO SCALE

CONSTRUCTION SCHEDULE

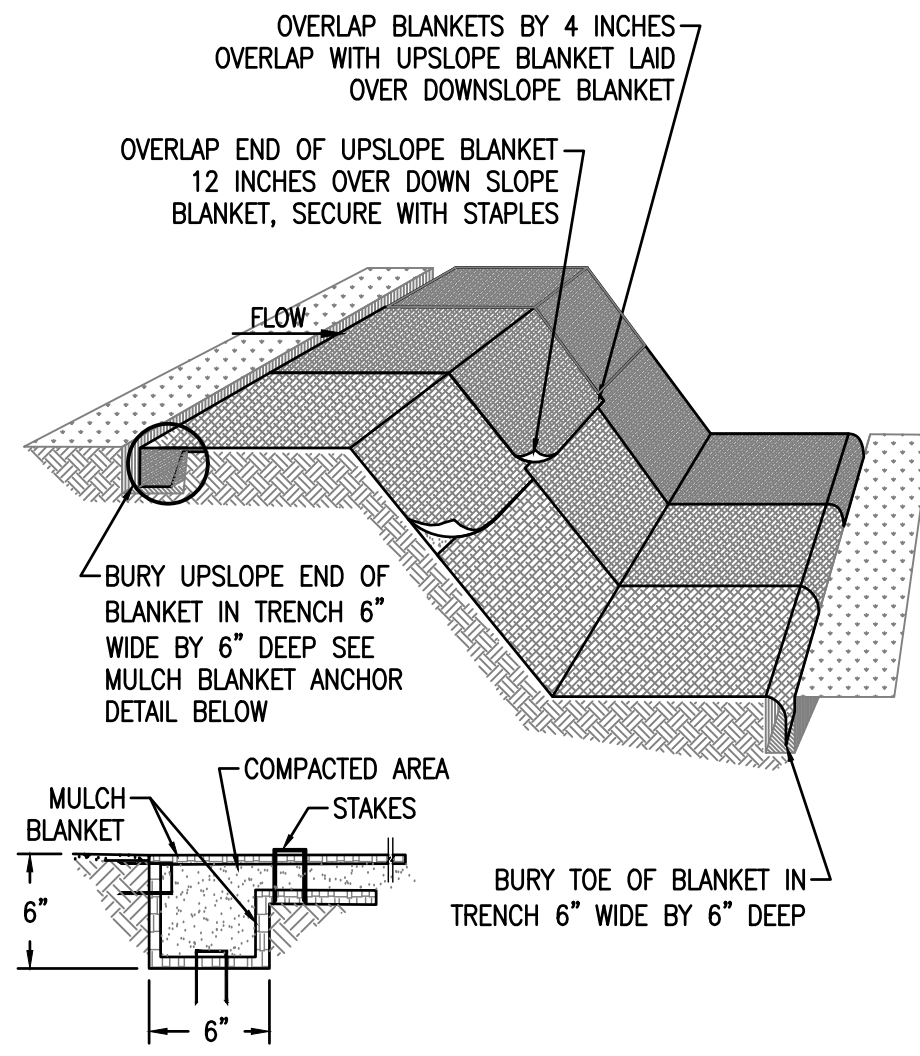
SESC SCHEDULE AND SEQUENCING	YEAR: 2023											
	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
PLACE AND MAINTAIN TEMPORARY EROSION CONTROL MEASURES						■	■	■	■			
PARKING LOT GRADING						■						
STORM NETWORK IMPROVEMENTS						■						
INSTALL PAVEMENT AND SIDEWALKS							■	■				
FINAL SITE GRADING AND SITE RESTORATION								■	■			
INSTALL PERMANENT CONTROL MEASURES									■			
REMOVE TEMPORARY EROSION CONTROL MEASURES										■		

PROJECT DESCRIPTION
 RE-GRADING AND RESTORATION OF APPROXIMATELY 1.8± ACRES OF THE SITE FOR THE PURPOSE OF TWO PARKING LOTS, AND SIDEWALKS.

SOIL TYPES
 UKB - URBAN LAND-KALAMAZOO COMPLEX, 0 TO 6 PERCENT

DISTANCE TO NEAREST WATER BODY
 PROJECT IS APPROXIMATELY 1,700 FT SOUTH OF WEST FORK PORTAGE CREEK.

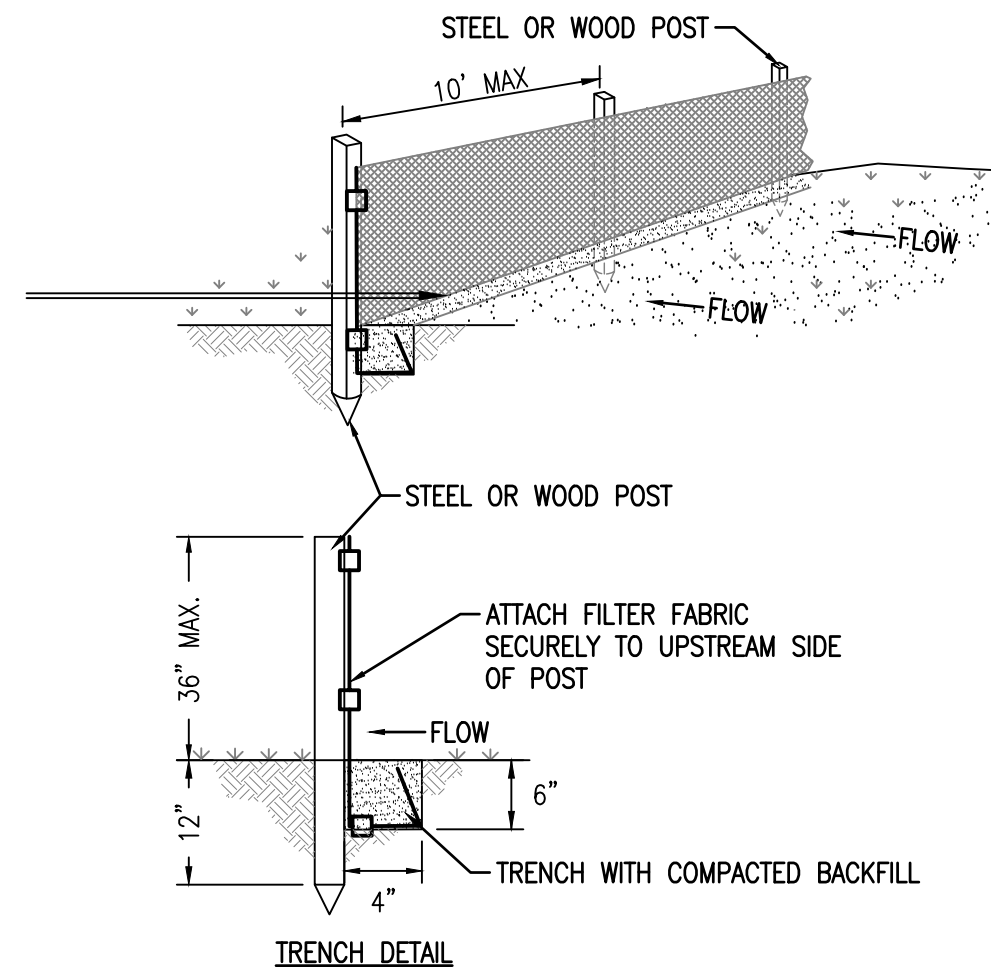
528 MULCH BLANKETS



MULCH BLANKET ANCHOR DETAIL

- NOTES
1. PLACE MULCH BLANKET PARALLEL TO FLOW AND ANCHOR SECURELY.
 2. WHEN BLANKETS ARE USED IN FLOWING DITCH, BLANKETS SHOULD NOT OVERLAP IN DITCH CENTER PARALLEL TO FLOW.
 3. STAPLES INSTALLED/SECURED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

551 SILT FENCE



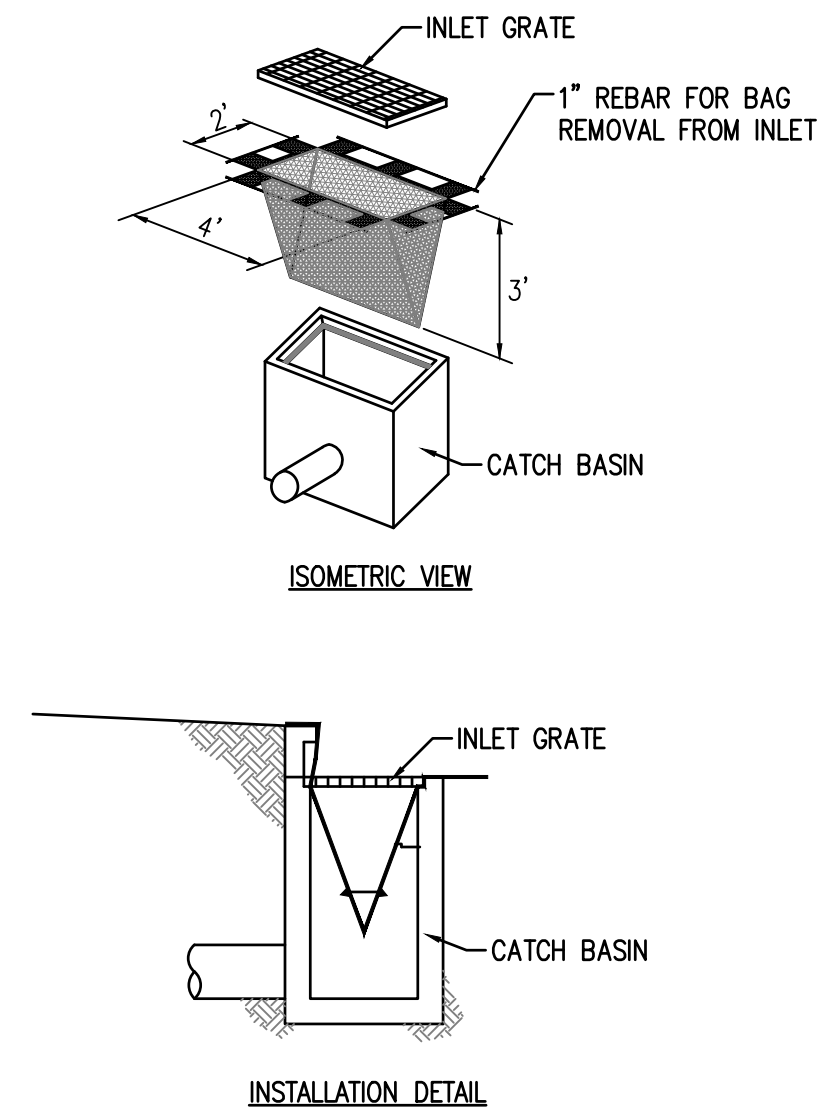
NOTES:

1. PLACE SILT FENCE ON SLOPE CONTOURS TO MAXIMIZE EFFICIENCY.
2. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. MAXIMUM STORAGE HEIGHT: 9"
3. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
4. 10' MAX. SPACING WITH WIRE SUPPORTED FENCE, 6' MAX SPACING WITHOUT WIRE SUPPORTED FENCE.

MAINTENANCE

- INSPECT FREQUENTLY AND IMMEDIATELY AFTER EACH STORM EVENT. CHECK SEVERAL TIMES DURING PROLONGED STORM EVENTS. IF NECESSARY, REPAIR IMMEDIATELY.
- IF THE SEDIMENT HAS REACHED 1/3 THE HEIGHT OF THE FENCE, THE SOIL SHOULD BE REMOVED AND DISPOSED OF IN A STABLE UPLAND SITE.
- THE FENCE SHOULD BE RE-INSTALLED IF WATER IS SEEPING UNDERNEATH IT OR IF THE FENCE HAS BECOME INEFFECTIVE.
- SILT FENCE SHOULD BE REMOVED ONCE VEGETATION IS ESTABLISHED AND UP-SLOPE AREA HAS STABILIZED.

558 INLET PROTECTION - FABRIC DROP



INSTALLATION DETAIL

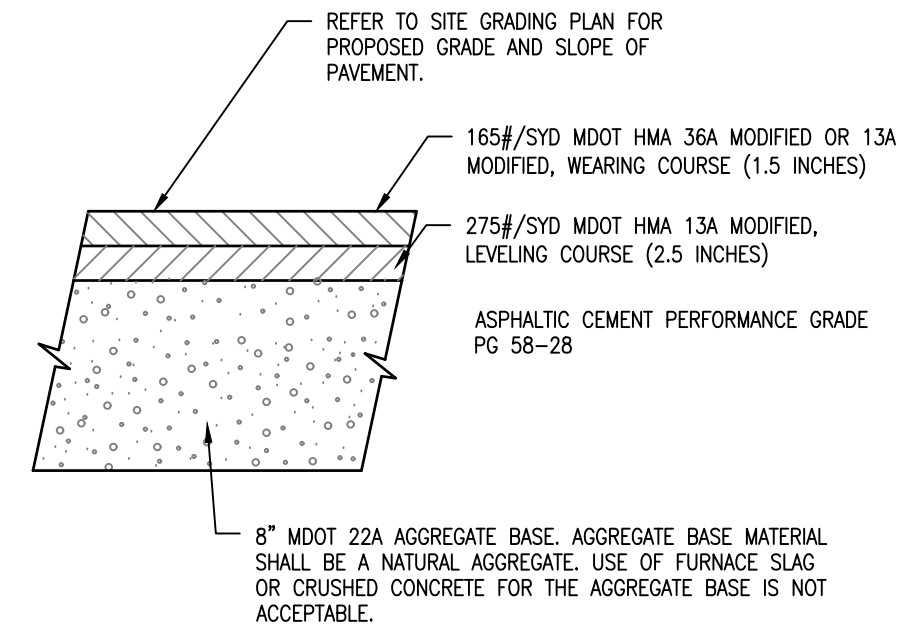
MAINTENANCE

- DROP INLET FILTERS SHOULD BE INSPECTED ROUTINELY AND AFTER EACH RAIN EVENT.
- DAMAGED FILTER BAGS SHOULD BE REPLACED.
- CLEAN AND/OR REPLACE FILTER BAG WHEN 1/2 FULL.
- REPLACE CLOGGED FABRIC IMMEDIATELY.
- IF NEEDED, INITIATE REPAIRS IMMEDIATELY UPON INSPECTION.
- REMOVE INLET PROTECTION WHEN AREAS ARE STABILIZED AND STREETS HAVE BEEN SWEEPED.

REV	DESCRIPTION	DATE

PROJ. #: 210282
 DATE: 26 JUL 2022

SHEET

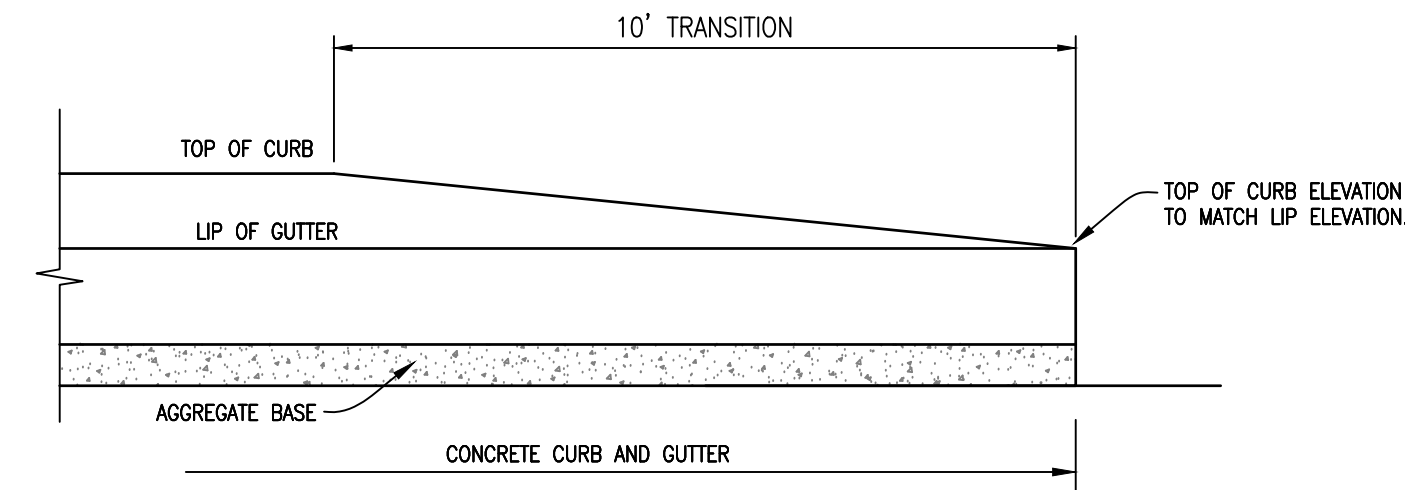


LIGHT DUTY HMA - PARKING AREAS PAVEMENT SECTION

NO SCALE

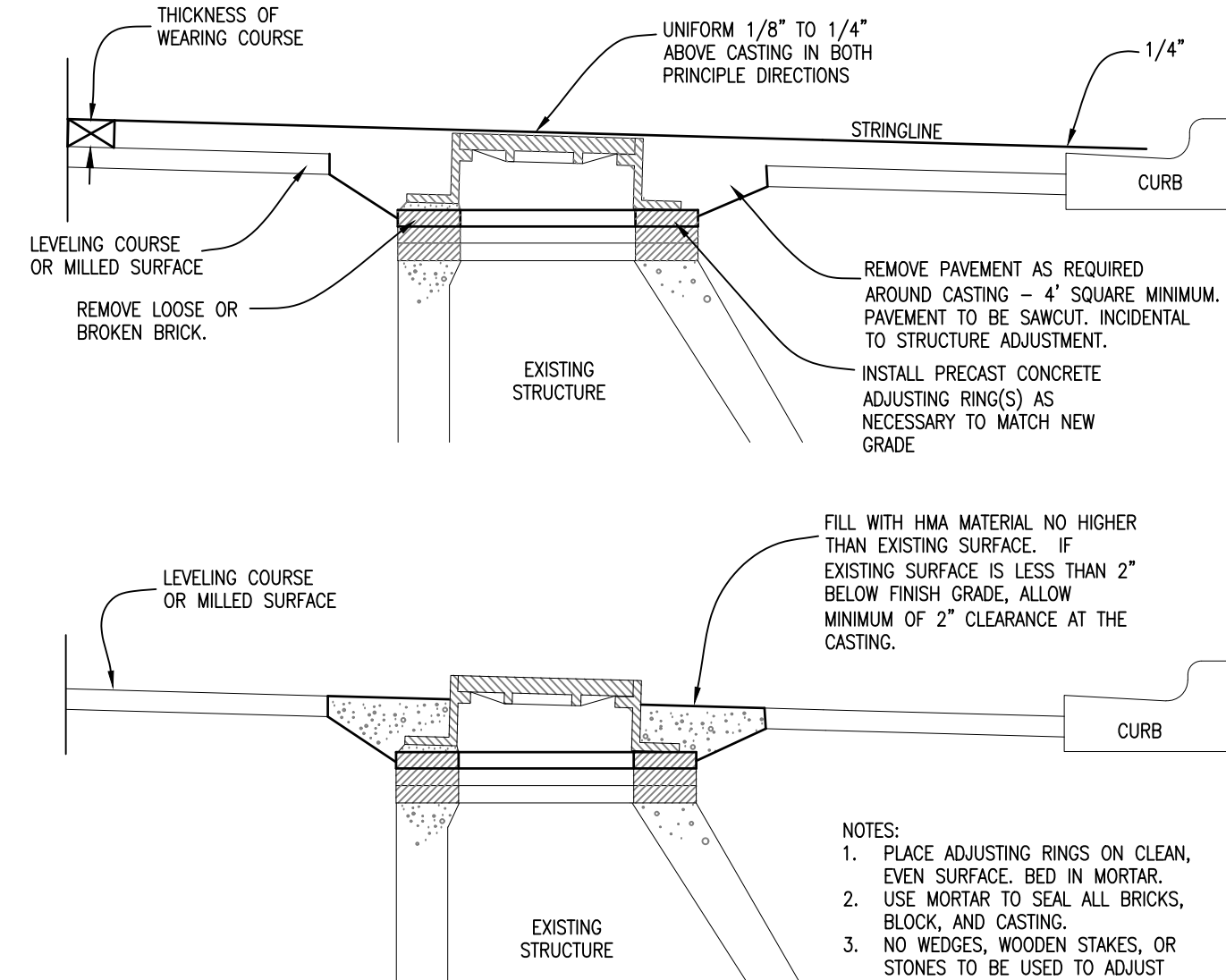
- NOTES:
1. THE 13A HMA MIX SHALL BE MODIFIED TO PROVIDE A MINIMUM STABILITY OF 1500 POUNDS AND A MINIMUM CRUSHED CONTENT OF 60 PERCENT.
 2. THE BITUMINOUS MATERIAL SHALL BE PRODUCED USING PG58-28 ASPHALT CEMENT.
 3. THE MIX DESIGNS SHALL TARGET 3.0 PERCENT AIR VOIDS.
 4. RECLAIMED ASPHALT PAVEMENT (RAP) SHALL NOT BE USED IN THE WEARING COURSE AND SHALL BE LIMITED TO 30 PERCENT IN THE LEVELING COURSE.
 5. ALL BITUMINOUS MATERIAL SHALL BE COMPACTED TO A DENSITY OF 94 TO 97 PERCENT OF THE MAXIMUM DENSITY AS DETERMINED BY THE RICE METHOD. A BOND COAT OF SS-IH EMULSION SHALL BE REQUIRED BETWEEN THE LEVELING AND WEARING COURSE AND BETWEEN LIFTS IN THE LEVELING COURSE. THE BOND COAT SHALL BE APPLIED IN A UNIFORM MANNER OVER THE SURFACE AT A RATE OF 0.1 GALLONS PER SQUARE YARD.
 6. JOINTS IN THE WEARING COURSE SHALL BE OFFSET A MINIMUM OF 12 INCHES FROM THE JOINTS IN THE LEVELING COURSE.

HMA PAVEMENT DETAILS 1
C-502



CURB & GUTTER TRANSITION END 2
C-502

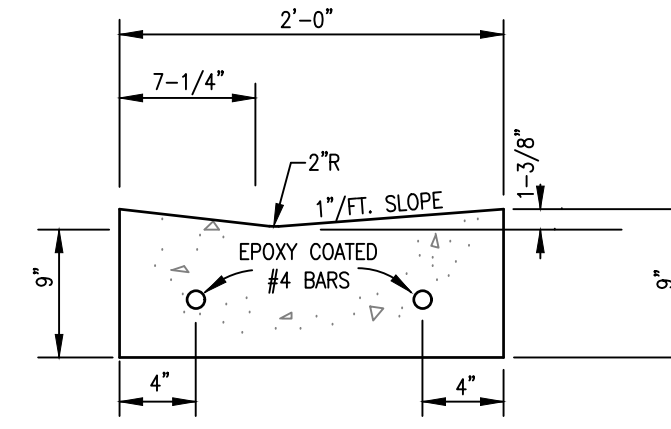
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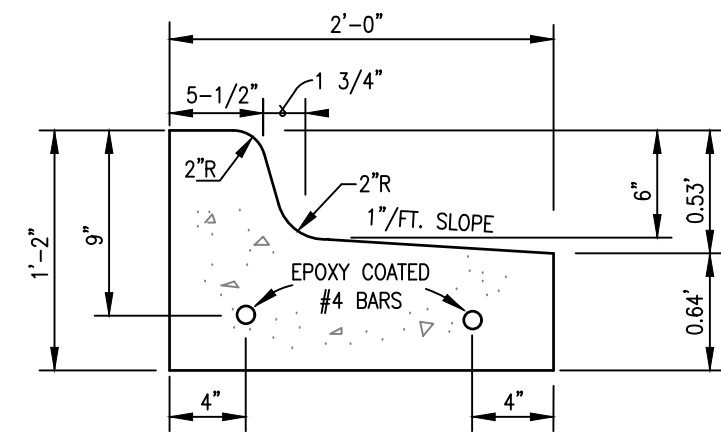
STRUCTURE ADJUSTMENT DETAIL 3
C-502

NO SCALE

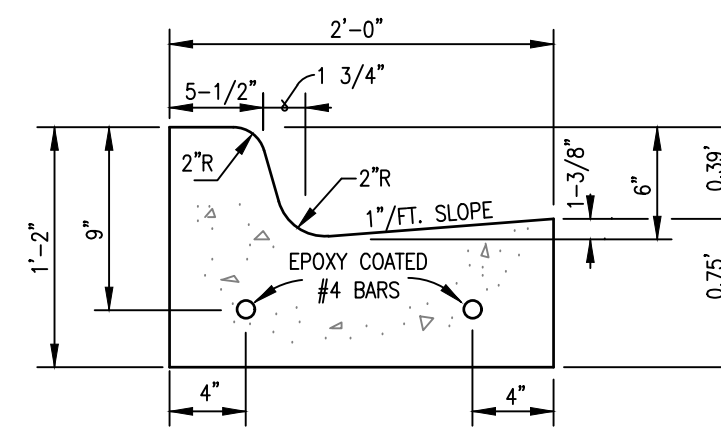
- NOTES:
1. PLACE ADJUSTING RINGS ON CLEAN, EVEN SURFACE, BED IN MORTAR.
 2. USE MORTAR TO SEAL ALL BRICKS, BLOCK, AND CASTING.
 3. NO WEDGES, WOODEN STAKES, OR STONES TO BE USED TO ADJUST CASTING.
 4. NO VOIDS ARE TO BE LEFT IN COMPLETED STRUCTURE.
 5. NO CONSTRUCTION DEBRIS OR MATERIALS TO BE LEFT IN OR AROUND STRUCTURE.



DETAIL F4 MODIFIED
(0" HEIGHT CURB)



DETAIL F4 MODIFIED
(WASHOUT CURB & GUTTER)

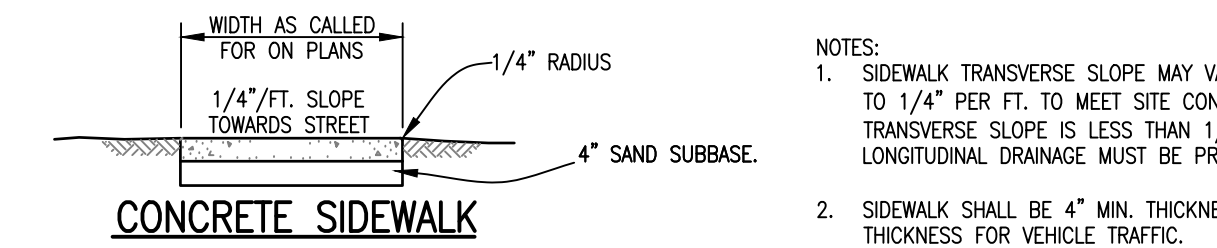
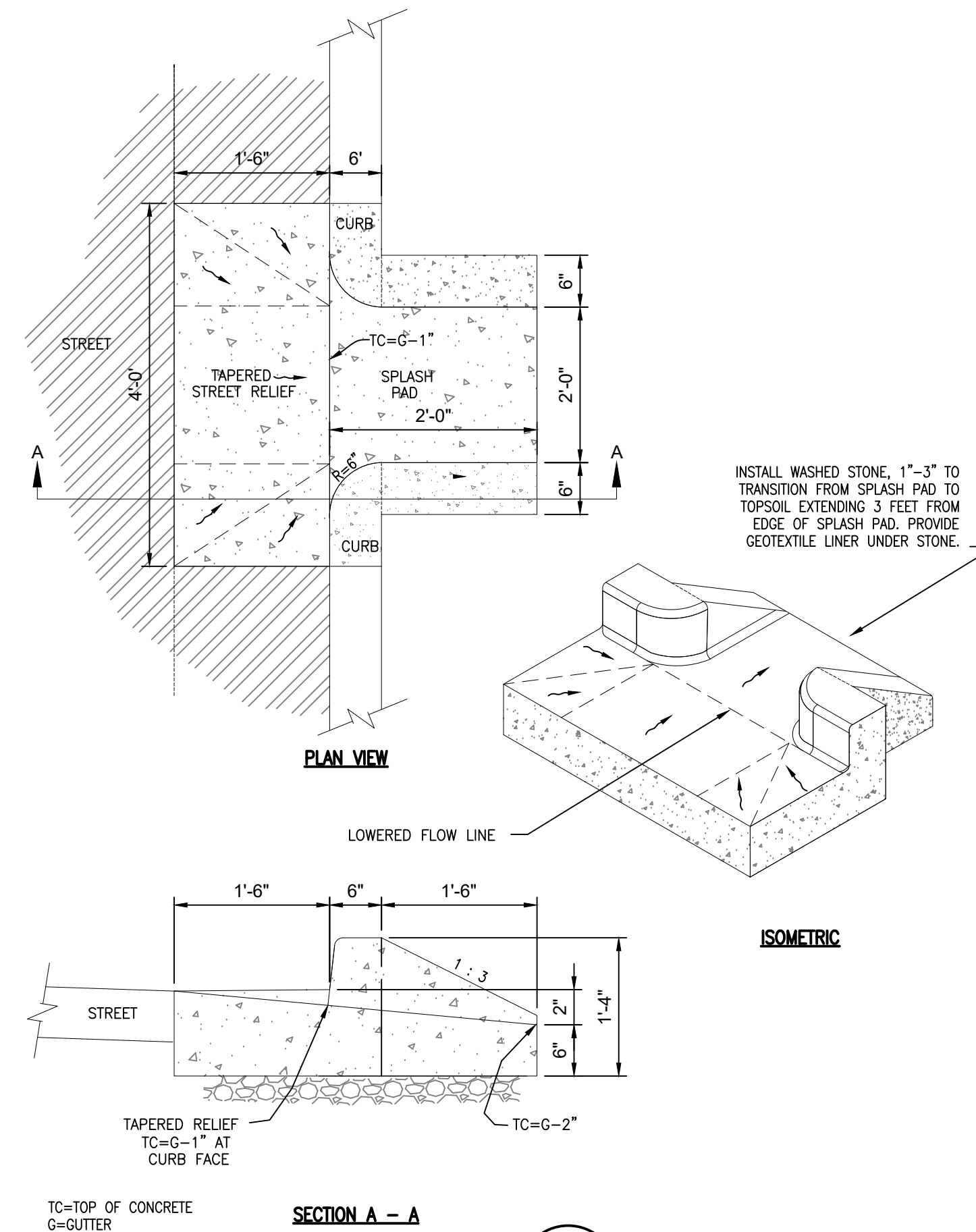


DETAIL F4

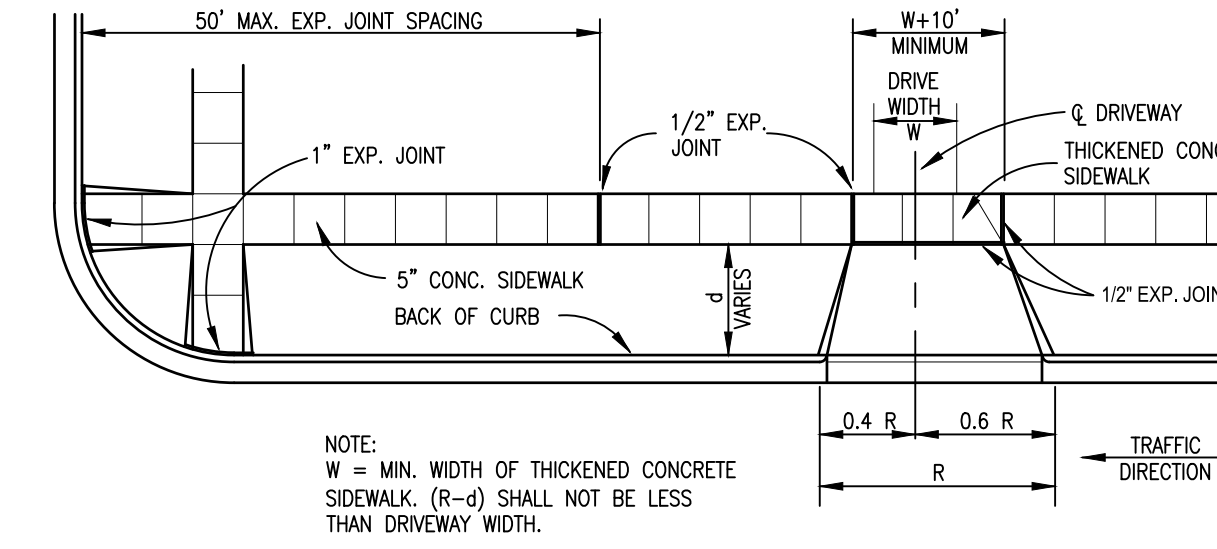
NOTE:
AGGREGATE BASE TO EXTEND A MINIMUM OF 1-FT BEYOND BACK OF CURB.

MDOT CURB & GUTTER DETAIL F4 4
C-502

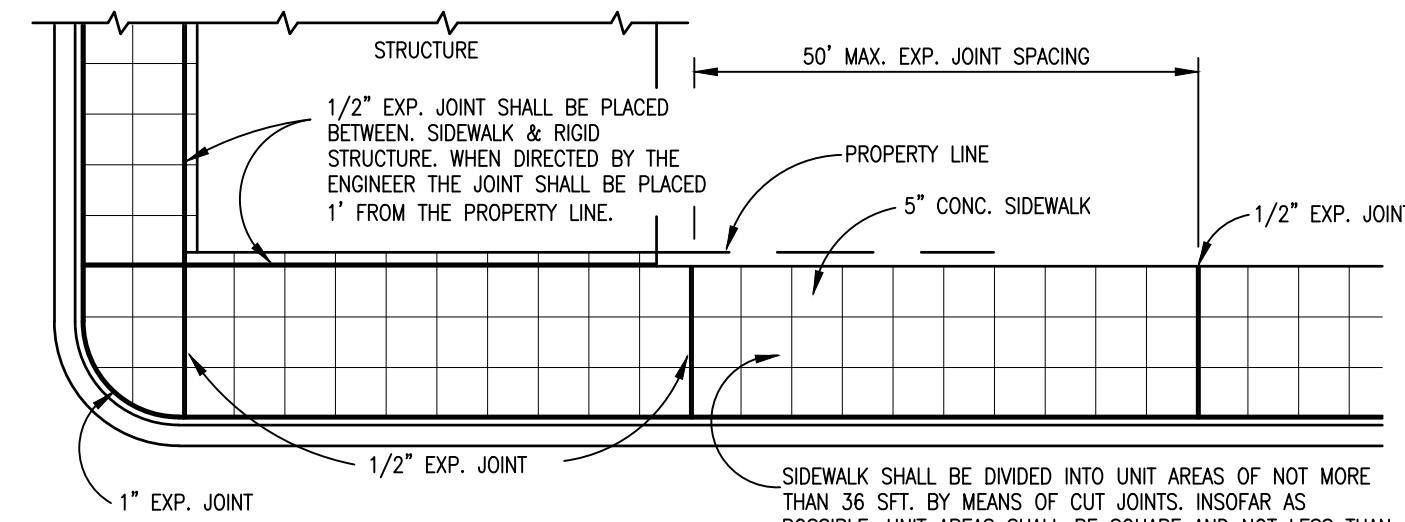
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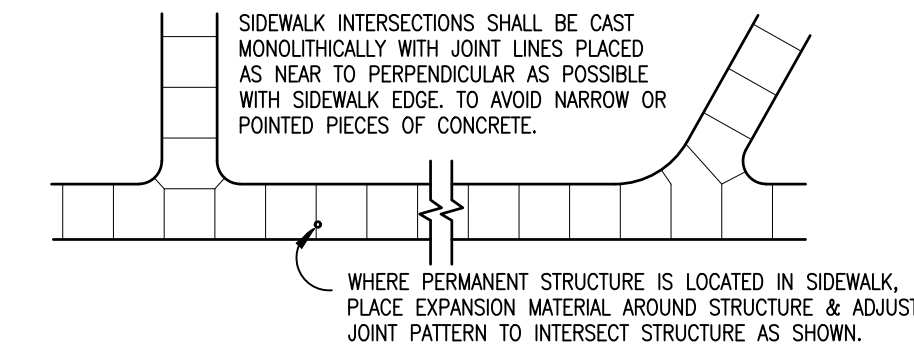
- NOTES:
1. SIDEWALK TRANSVERSE SLOPE MAY VARY FROM ZERO TO 1/4" PER FT. TO MEET SITE CONDITIONS. WHEN TRANSVERSE SLOPE IS LESS THAN 1/4" PER FT. LONGITUDINAL DRAINAGE MUST BE PROVIDED.
 2. SIDEWALK SHALL BE 4" MIN. THICKNESS, AND 6" MIN. THICKNESS FOR VEHICLE TRAFFIC.



TYPICAL SIDEWALK JOINT LAYOUT 1



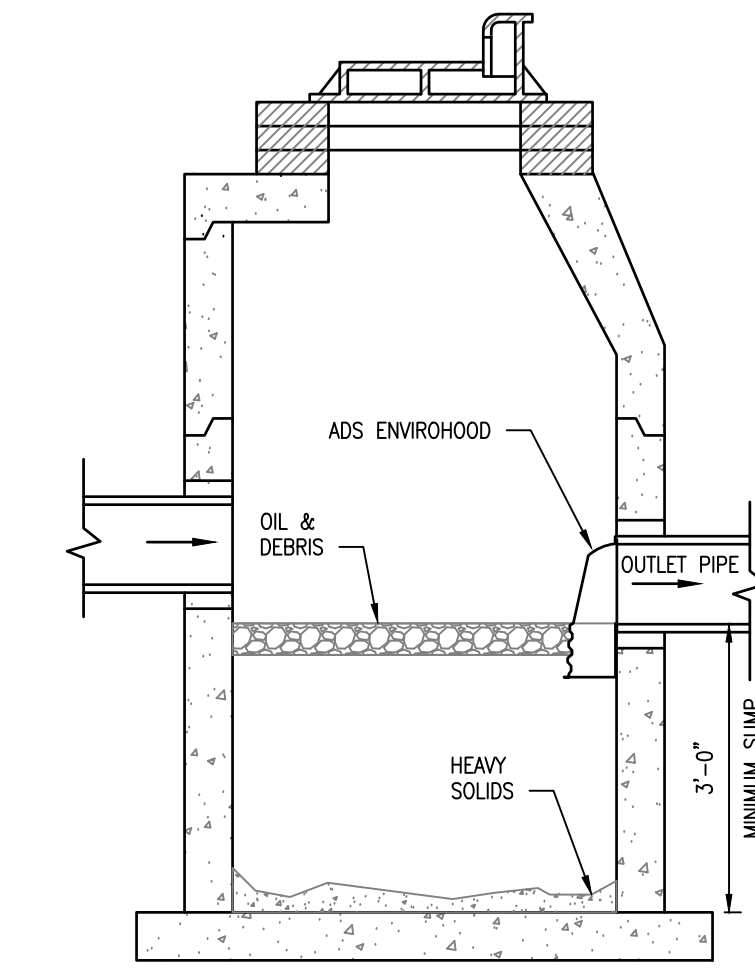
TYPICAL SIDEWALK JOINT LAYOUT 3



TYPICAL SIDEWALK JOINT LAYOUT 2

CONCRETE SIDEWALK 6
C-502

NO SCALE



NOTE: SUMP DEPTH OF 36" MIN. FOR 12" OR SMALLER DIAM. OUTLET. FOR 15" AND LARGER OUTLETS USE 2.5-3X OUTLET DIAM.

REVISIONS		
REV	DESCRIPTION	DATE