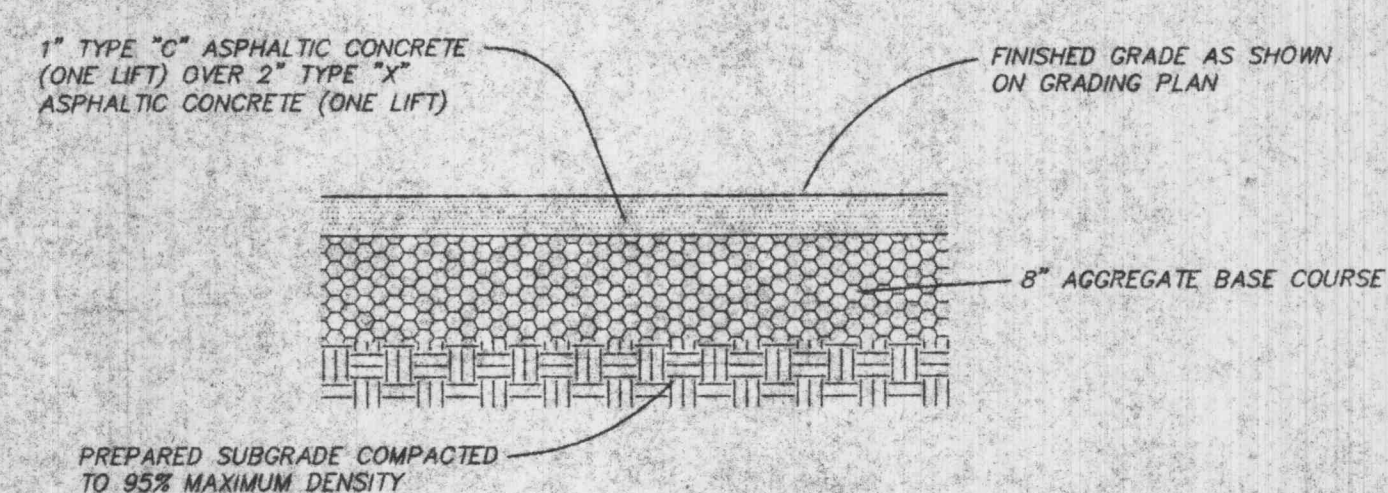
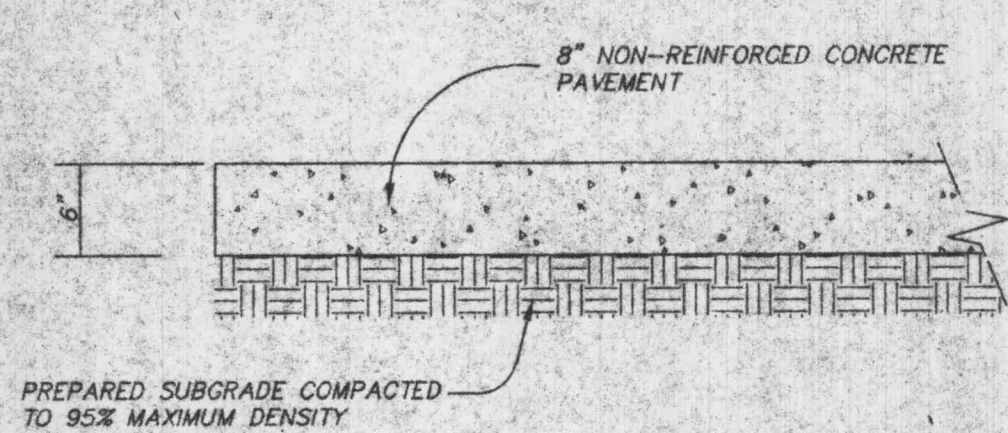


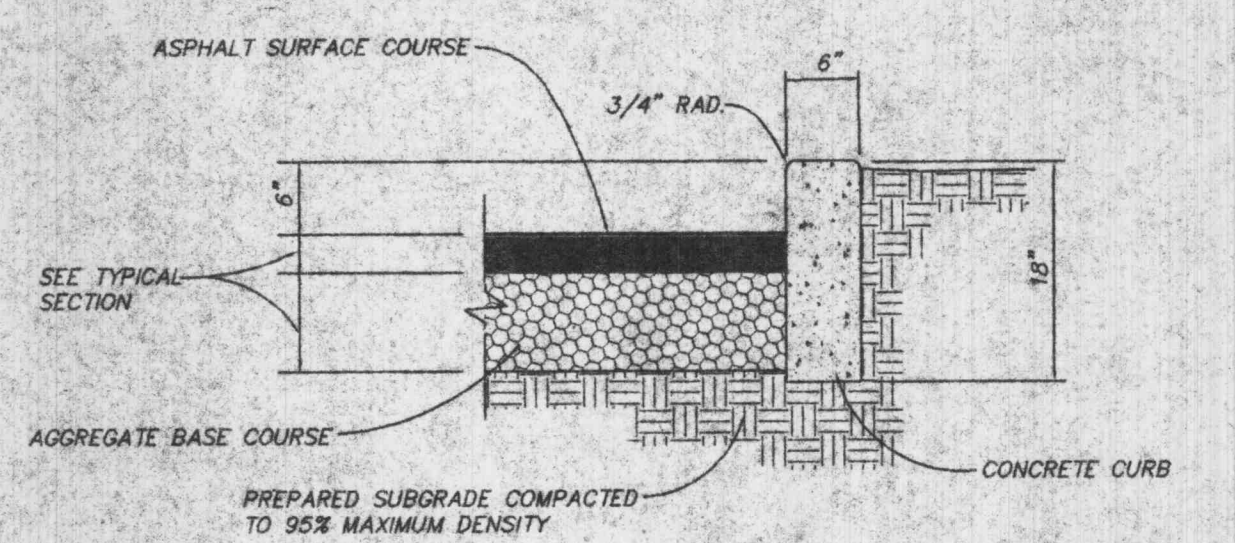
TYPICAL PARKING PAVEMENT SECTION



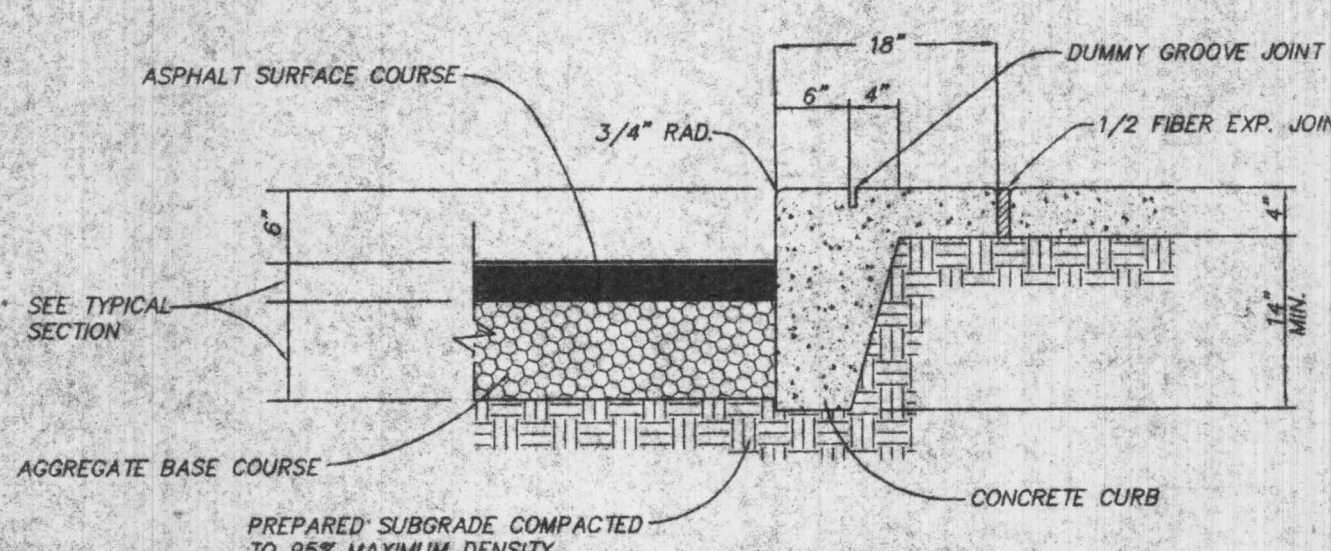
TYPICAL TRUCK PAVEMENT SECTION



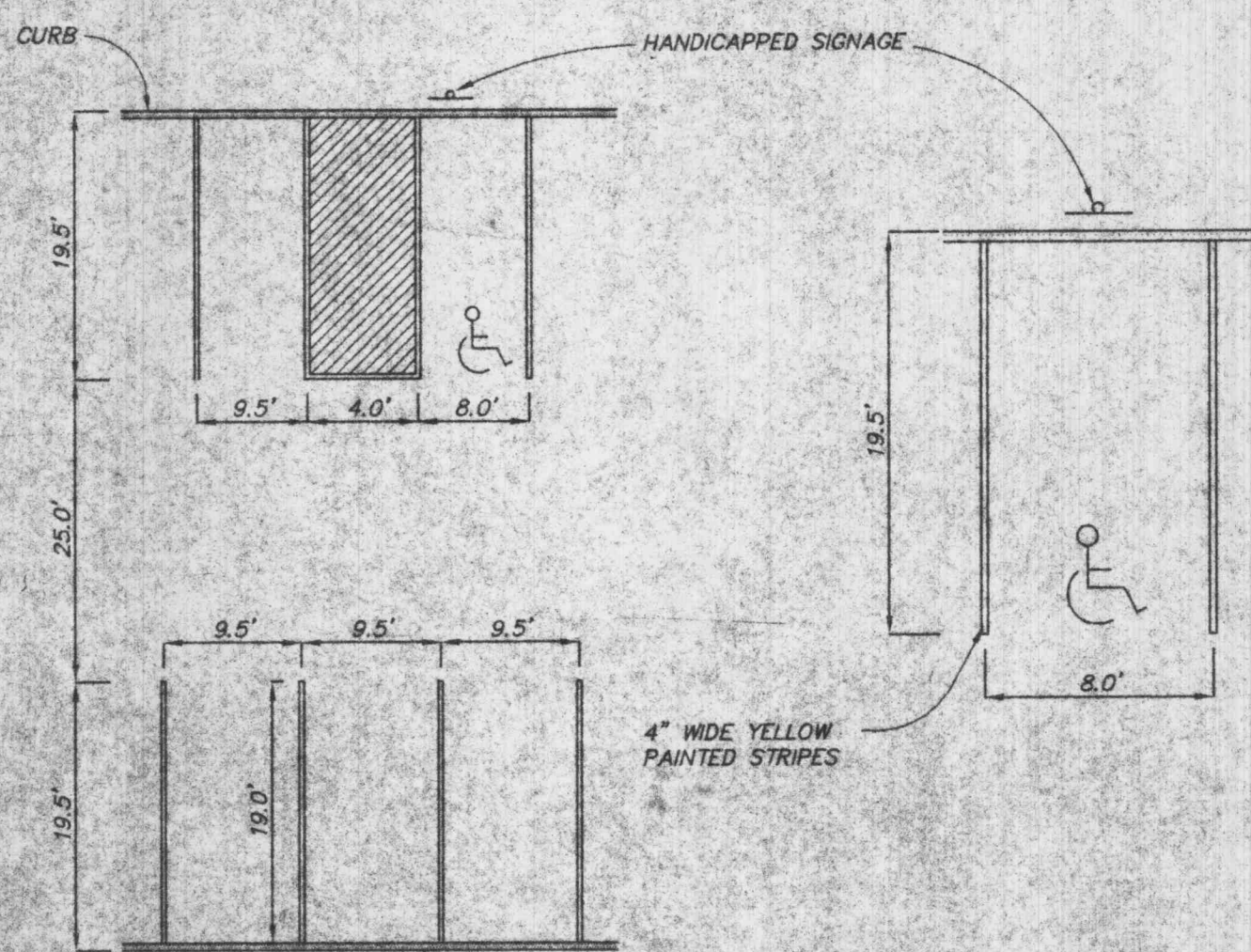
CONCRETE PAVEMENT DETAIL



6" VERTICAL CONCRETE CURB



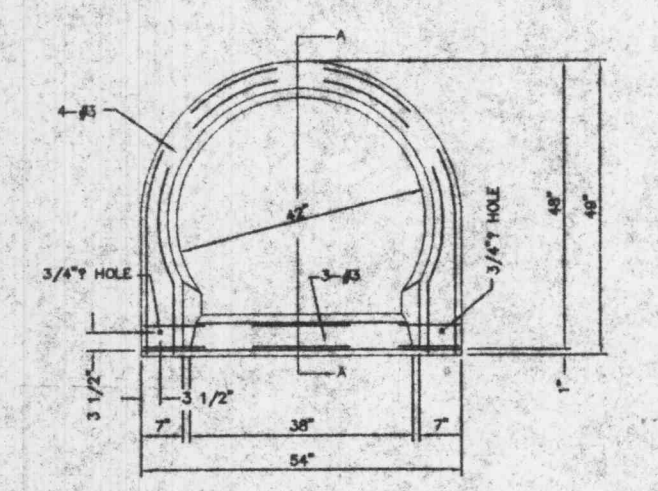
6" CONCRETE CURB WITH SIDEWALK @ PUBLIC WALKS ALONG O'FALLON RD



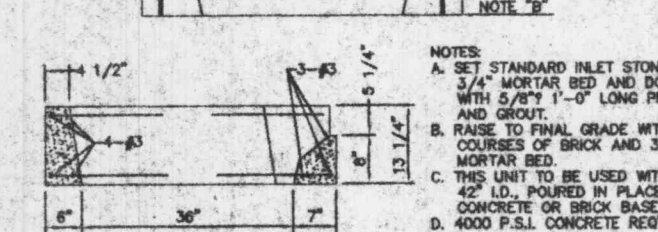
TYPICAL PARKING DIMENSIONS

ROUND PIPE	HORIZONTAL EXCAVATION		VERTICAL EXCAVATION	
	MIN. WIDTH	MIN. DEPTH	MIN. WIDTH	MIN. DEPTH
4"	36"	3.0'	36"	3.0'
6"	42"	3.5'	42"	3.5'
8"	48"	4.0'	48"	4.0'
10"	54"	4.5'	54"	4.5'
12"	60"	5.0'	60"	5.0'
15"	72"	6.0'	72"	6.0'
18"	84"	7.0'	84"	7.0'
21"	96"	8.0'	96"	8.0'
24"	108"	9.0'	108"	9.0'
27"	120"	10.0'	120"	10.0'
30"	132"	11.0'	132"	11.0'
36"	156"	13.0'	156"	13.0'
42"	180"	15.0'	180"	15.0'
48"	204"	17.0'	204"	17.0'
54"	228"	19.0'	228"	19.0'
60"	252"	21.0'	252"	21.0'
66"	276"	23.0'	276"	23.0'
72"	300"	25.0'	300"	25.0'
78"	324"	27.0'	324"	27.0'
84"	348"	29.0'	348"	29.0'
90"	372"	31.0'	372"	31.0'
96"	396"	33.0'	396"	33.0'
102"	420"	35.0'	420"	35.0'
108"	444"	37.0'	444"	37.0'
114"	468"	39.0'	468"	39.0'
120"	492"	41.0'	492"	41.0'
126"	516"	43.0'	516"	43.0'
132"	540"	45.0'	540"	45.0'
138"	564"	47.0'	564"	47.0'
144"	588"	49.0'	588"	49.0'

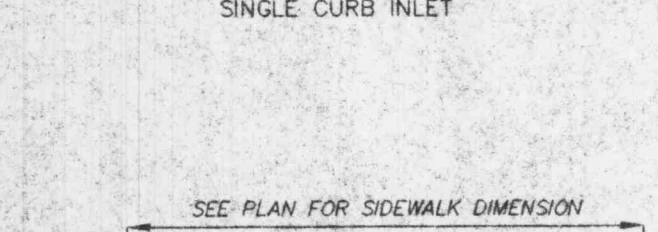
TABLE NO. 1
PAVEMENT WIDTHS OF TRENCH AND
PARTI-QUARIES OF CONCRETE



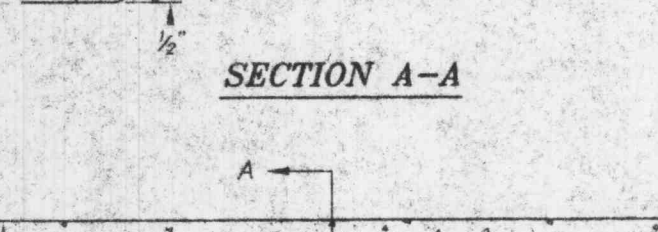
SECTION A-A
PRECAST CONCRETE UNIT FOR SINGLE CURB INLET



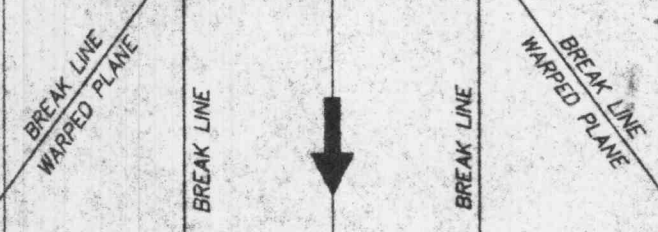
SECTION A-A
GUTTER SUMPS FOR VERTICAL CURBS



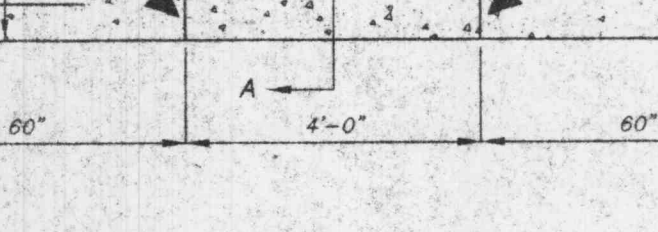
SECTION A-A
PRECAST CONCRETE UNIT FOR 4-WAY AREA INLET



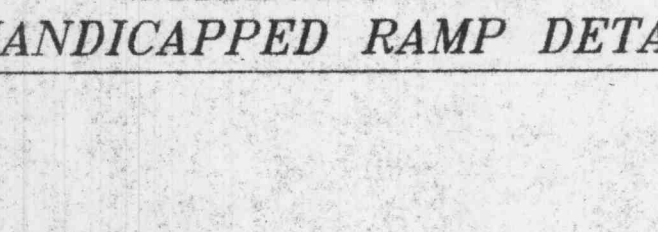
SECTION A-A
STRAIGHT CURB HANDICAPPED RAMP DETAIL



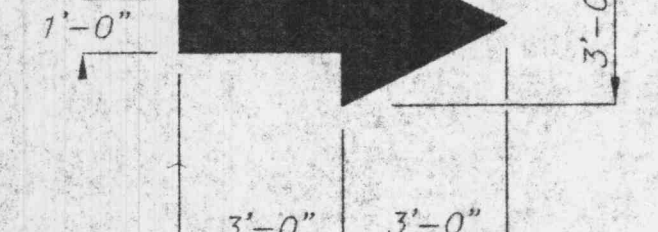
PAINTED DIRECTIONAL ARROW
N.T.S.



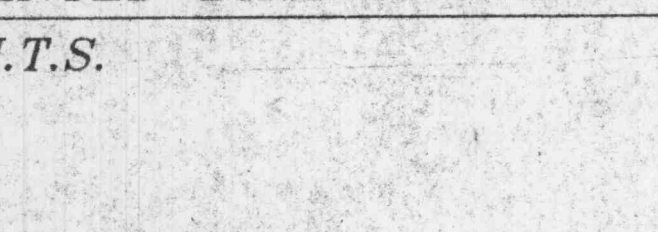
SECTION A-A
HANDICAPPED SIGN DETAIL



SECTION A-A
CROSS STRIPING DETAIL



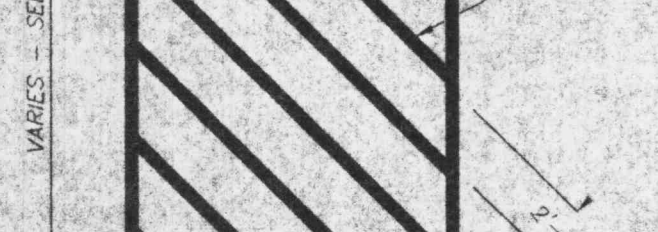
SECTION A-A
HANDICAPPED PARKING MARKING



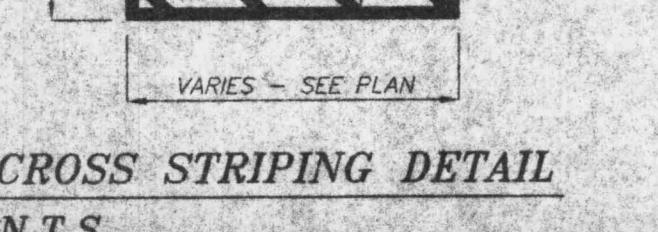
SECTION A-A
HANDICAPPED SIGN DETAIL



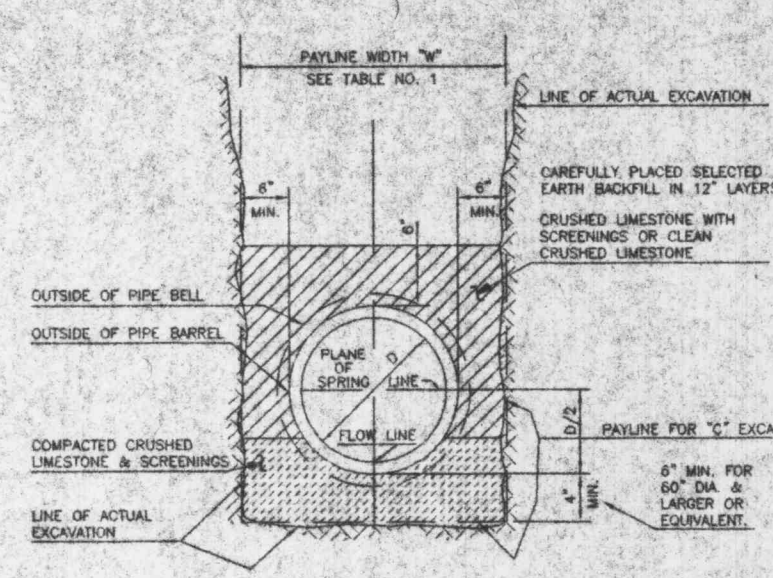
SECTION A-A
HANDICAPPED SIGN DETAIL



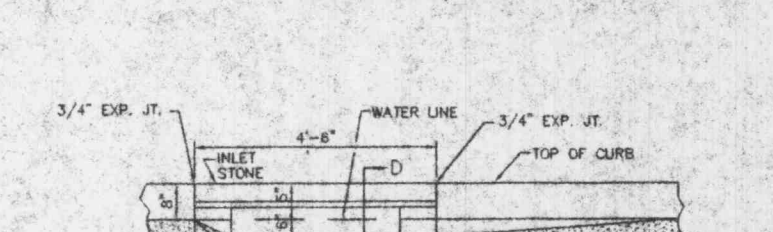
SECTION A-A
HANDICAPPED SIGN DETAIL



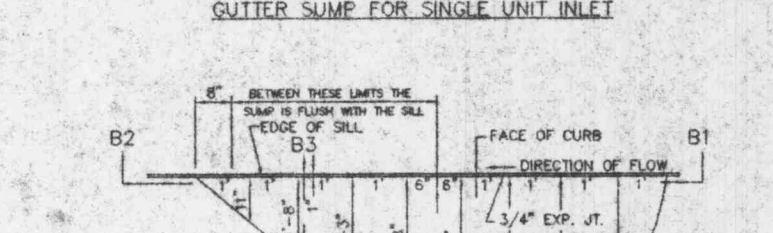
SECTION A-A
HANDICAPPED SIGN DETAIL



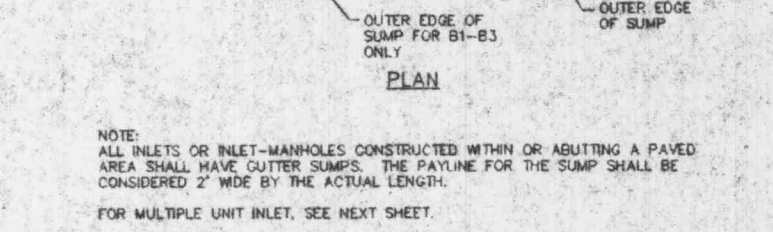
LIMITS FOR TRAPEZOIDAL CHANNEL
LIMITS FOR BOX CULVERT



LIMITS FOR VERTICAL WALL
LIMITS FOR PIPE



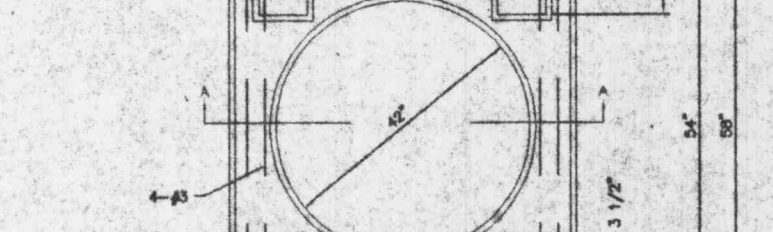
LIMITS FOR EXCAVATION



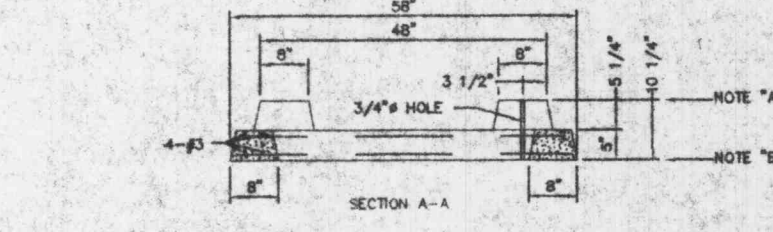
LIMITS FOR EXCAVATION



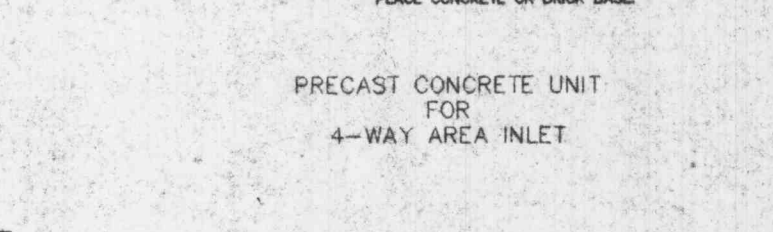
LIMITS FOR EXCAVATION



LIMITS FOR EXCAVATION



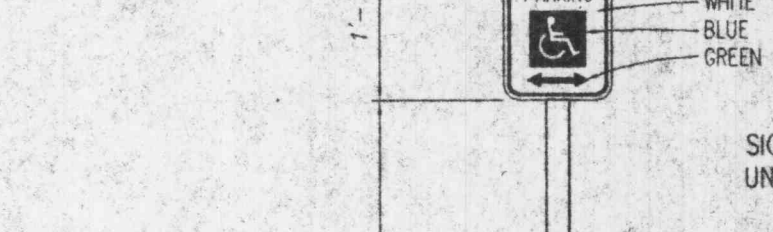
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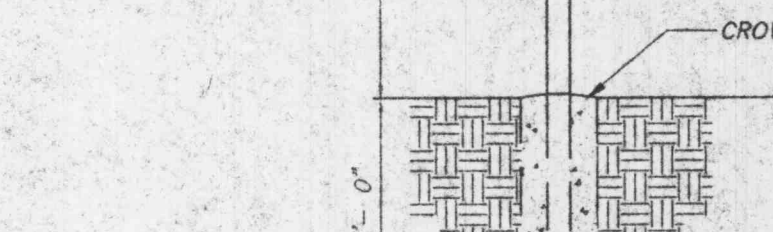
LIMITS FOR EXCAVATION



LIMITS FOR EXCAVATION



LIMITS FOR EXCAVATION



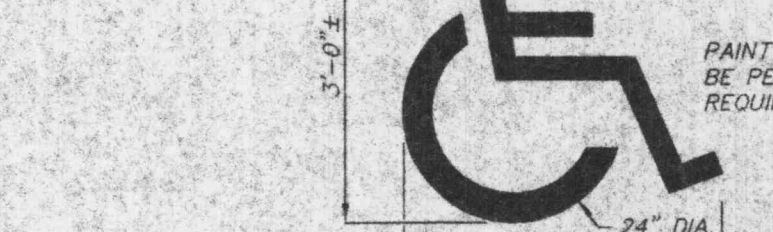
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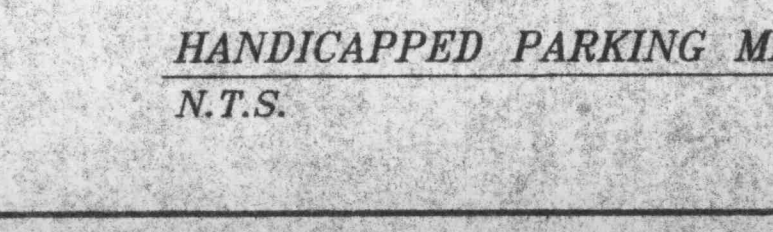
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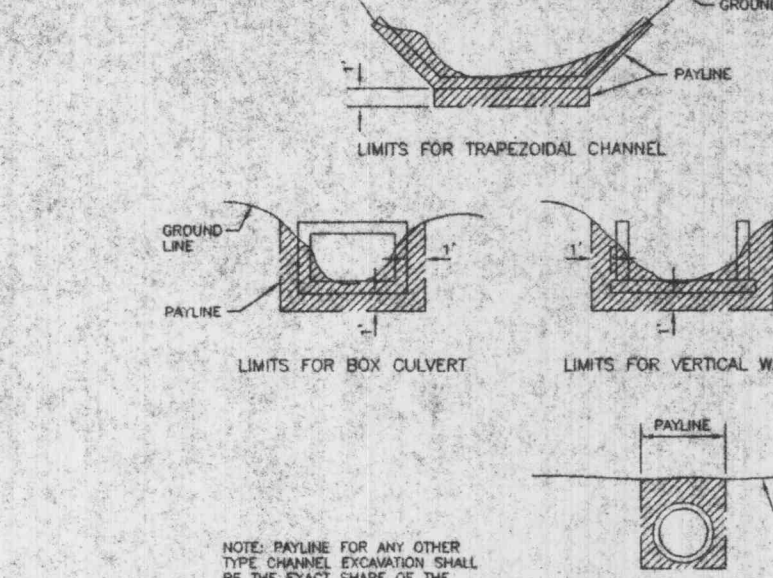
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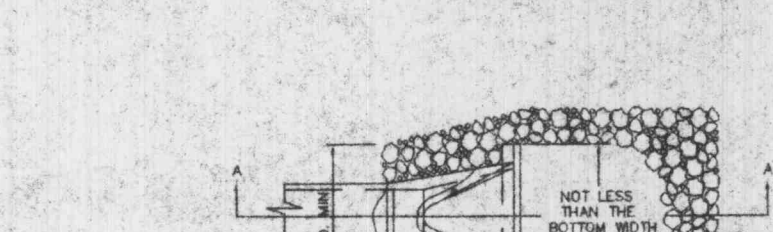
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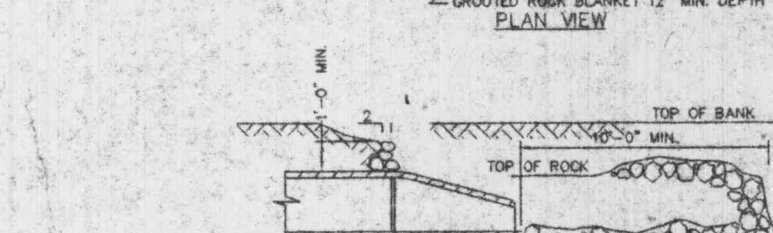
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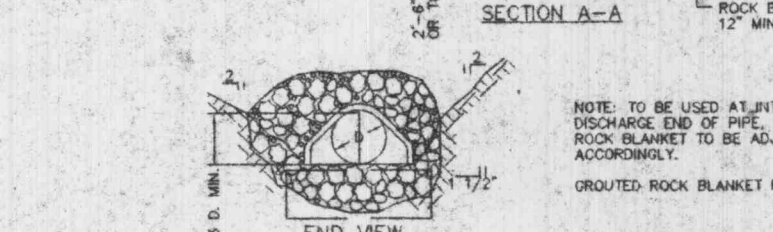
LIMITS FOR TRAPEZOIDAL CHANNEL
LIMITS FOR BOX CULVERT



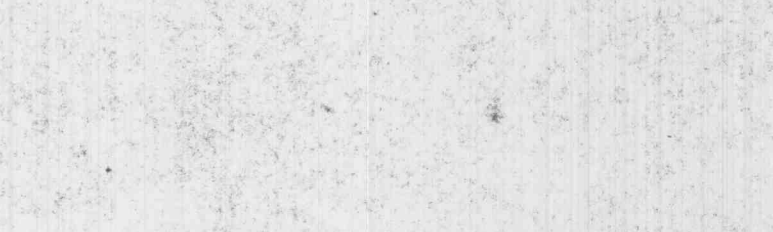
LIMITS FOR VERTICAL WALL
LIMITS FOR PIPE



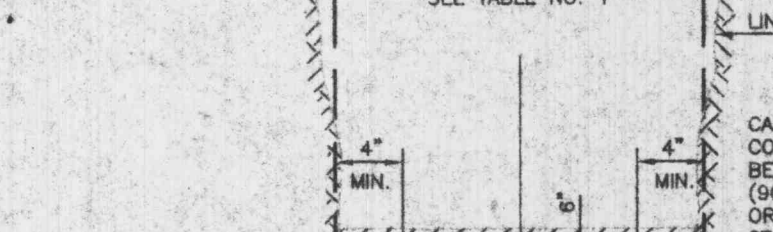
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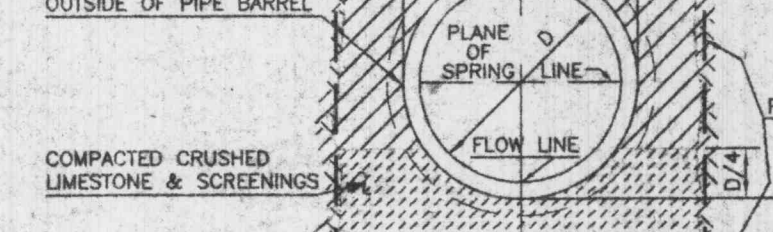
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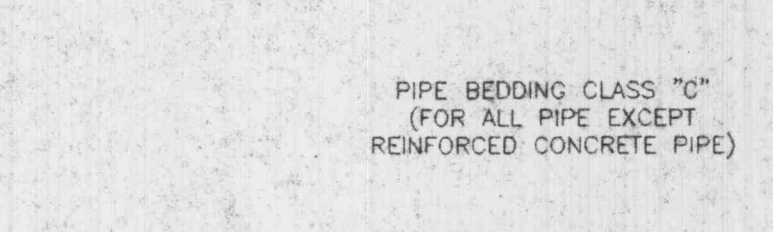
LIMITS FOR EXCAVATION



LIMITS FOR EXCAVATION



LIMITS FOR EXCAVATION



LIMITS FOR EXCAVATION



LIMITS FOR EXCAVATION



LIMITS FOR EXCAVATION



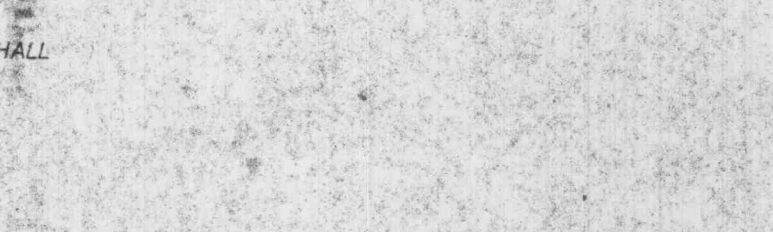
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LIMITS FOR EXCAVATION



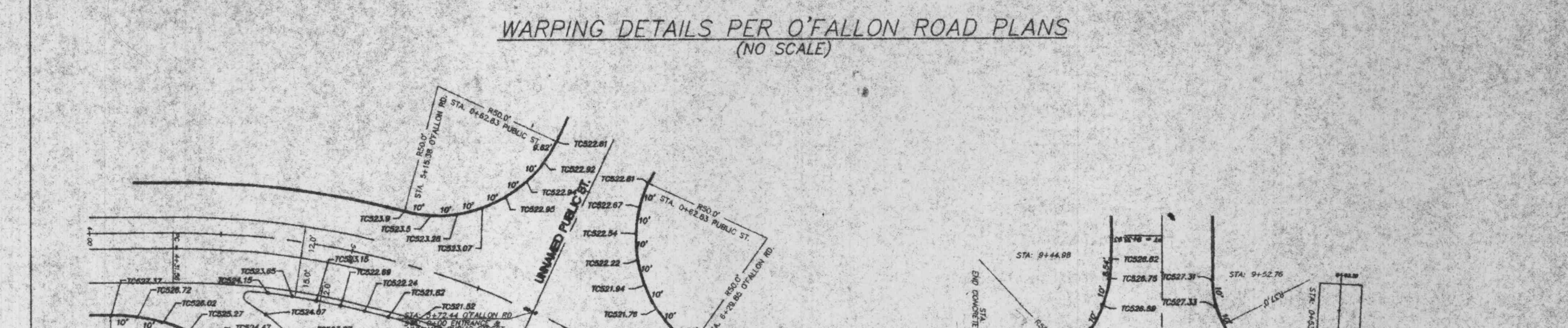
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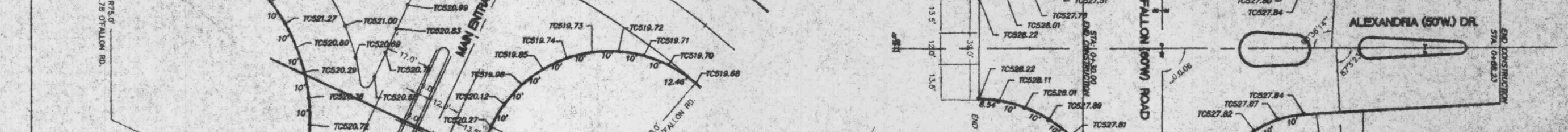
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LIMITS FOR EXCAVATION



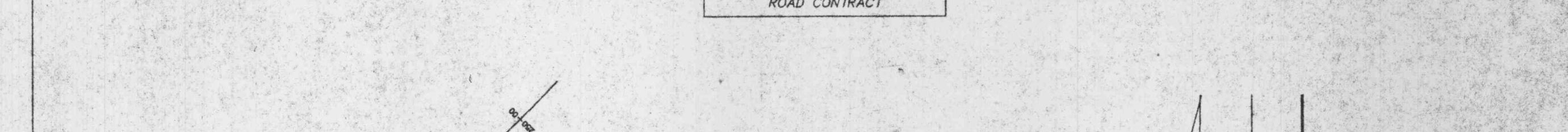
WARPIING DETAILS PER O'FALLON ROAD PLANS
(NO SCALE)



INTERSECTION WARPIING DETAIL
O'FALLON ROAD
ALEXANDRIA DRIVE



INTERSECTION WARPIING DETAIL
O'FALLON ROAD
UNNAMED PUBLIC STREET



INTERSECTION WARPIING DETAIL
O'FALLON ROAD
SOUTH TRUCK ACCESS



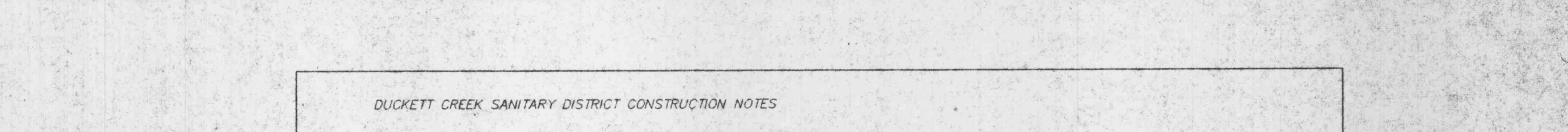
INTERSECTION WARPIING DETAIL
O'FALLON ROAD
COMMERCIAL ENTRANCE



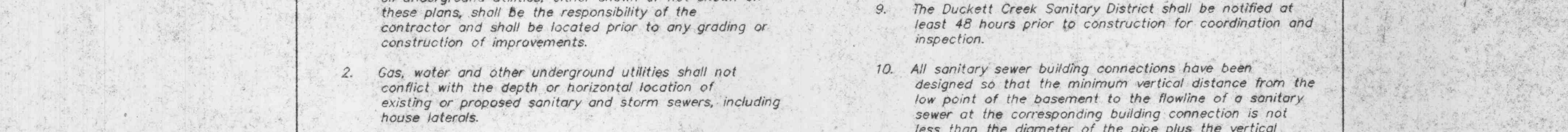
INTERSECTION WARPIING DETAIL
O'FALLON ROAD
SOUTH TRUCK ACCESS



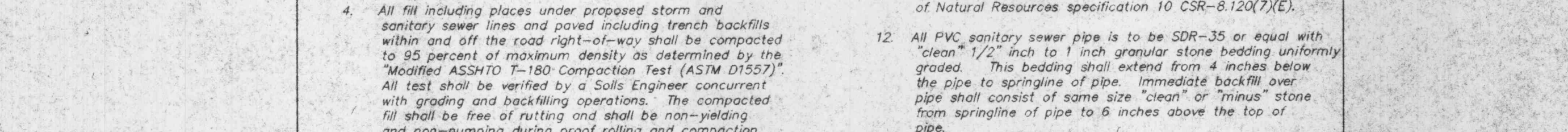
INTERSECTION WARPIING DETAIL
O'FALLON ROAD
COMMERCIAL ENTRANCE



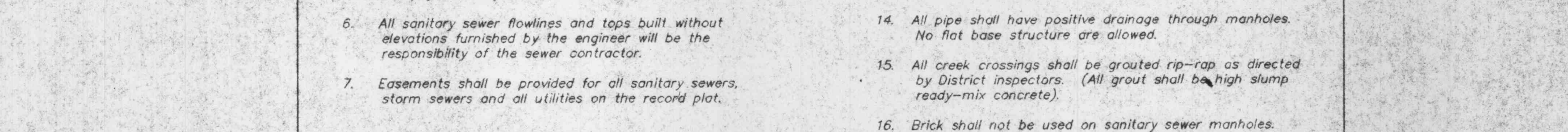
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O'FALLON ROAD
SOUTH TRUCK ACCESS



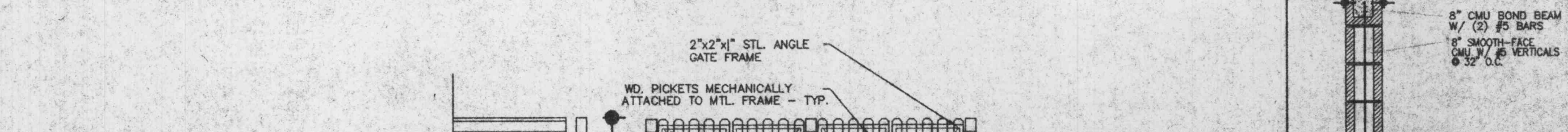
INTERSECTION WARPIING DETAIL
O'FALLON ROAD
COMMERCIAL ENTRANCE



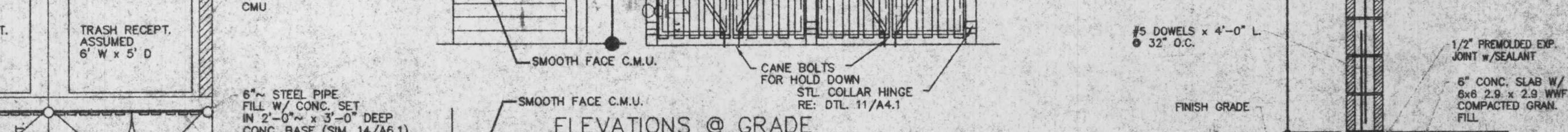
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O'FALLON ROAD
SOUTH TRUCK ACCESS



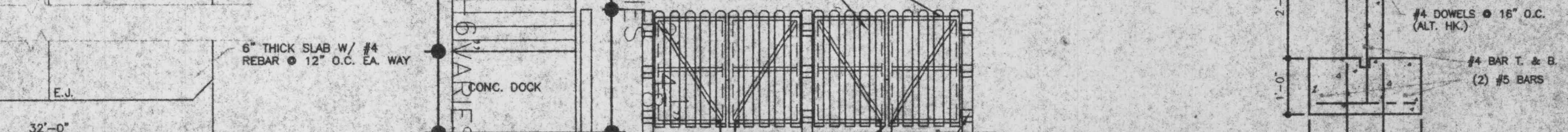
INTERSECTION WARPIING DETAIL
O'FALLON ROAD
COMMERCIAL ENTRANCE



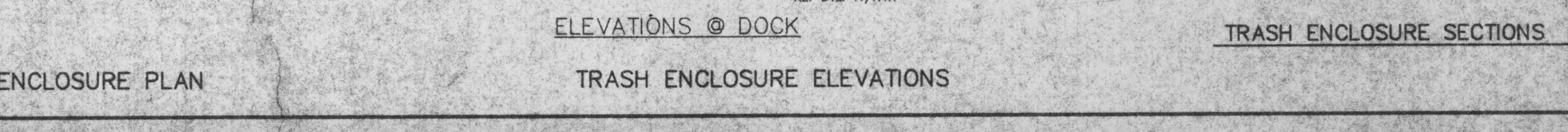
INTERSECTION WARPIING DETAIL
O'FALLON ROAD
SOUTH TRUCK ACCESS



INTERSECTION WARPIING DETAIL
O'FALLON ROAD
COMMERCIAL ENTRANCE

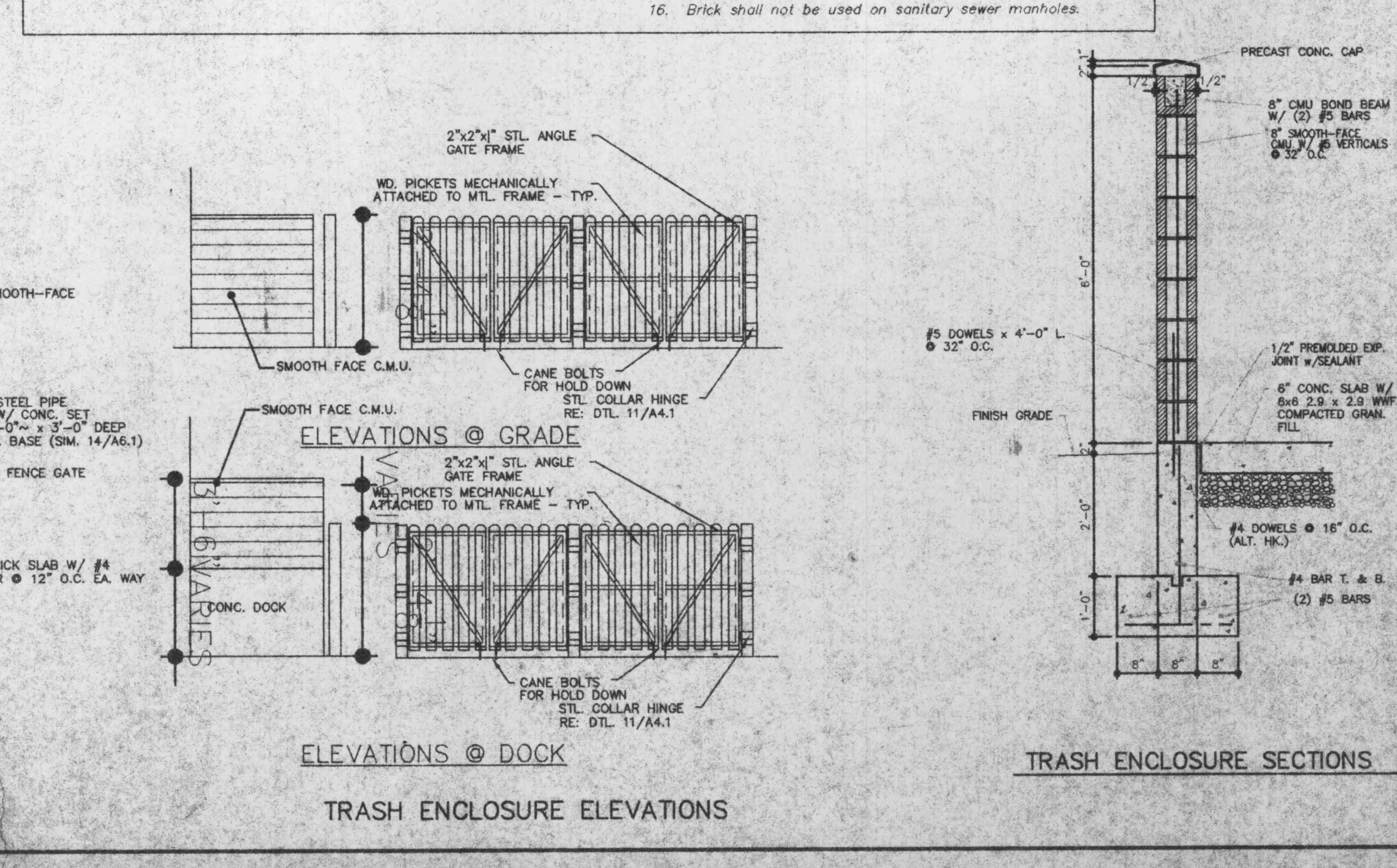


INTERSECTION WARPIING DETAIL
O'FALLON ROAD
SOUTH TRUCK ACCESS



INTERSECTION WARPIING DETAIL
O'FALLON ROAD
COMMERCIAL ENTRANCE

- DUCKETT CREEK SANITARY DISTRICT CONSTRUCTION NOTES
- Underground utilities have been plotted from available information and therefore, location shall be considered approximate only. The verification of the location of all underground utilities, either shown or not shown on these plans, shall be the responsibility of the contractor and shall be located prior to any grading or construction of improvements.
 - Gas, water and other underground utilities shall not conflict with the depth or horizontal location of existing or proposed sanitary and storm sewers, including house laterals.
 - All existing site improvement disturbed, damaged or destroyed shall be repaired or replaced to closely match preconstruction conditions.
 - All fill including places under proposed storm and sanitary sewer lines and paved including trench backfills within and off the road right-of-way shall be compacted to 95 percent of maximum density as determined by the Modified AASHTO T-180 Compaction Test (ASTM D1557). All test shall be verified by a Soils Engineer concurrent with grading and backfilling operations. The compacted fill shall be free of rutting and shall be non-yielding and non-pulsating during proof rolling and compaction.
 - The contractor shall prevent all storm, surface water, mud and construction debris from entering the existing sanitary sewer system.
 - All sanitary sewer flowlines and tops built without elevations furnished by the engineer will be the responsibility of the sewer contractor.
 - Easements shall be provided for all sanitary sewers, storm sewers and all utilities on the record plan.
 - All construction and materials shall conform to the current construction standards of the Duckett Creek Sanitary District.
 - The Duckett Creek Sanitary District shall be notified at least 48 hours prior to construction for coordination and inspection.
 - All sanitary sewer building connections have been designed so that the minimum vertical distance from the low point of the basement to the flowline of a sanitary sewer of the corresponding building connection is not less than the diameter of the pipe plus the vertical distance of 2-1/2 feet.
 - All exterior sanitary sewer manholes shall be waterproofed on the exterior in accordance Missouri Dept. of Natural Resources Specification 10 CSR-8.10(2)(E).
 - All PVC sanitary sewer pipe is to be SDR-35 or equal with "clean" 1/2 inch to 1 inch granular stone bedding uniformly graded. This bedding shall extend from 4 inches below the pipe to springs of pipe. Immediate backfill over pipe shall consist of same size "clean" or "minus" stone from springs of pipe to 6 inches above the top of pipe.
 - All sanitary and storm sewer trench backfills shall be water jetted. Granular backfill will be used under pavement areas.
 - All pipe shall have positive drainage through manholes. No flat base structure are allowed.
 - All creek crossings shall be grouted re-rap as directed by District Inspectors. (All grout shall be high slump ready-mix concrete).
 - Brick shall not be used on sanitary sewer manholes.



TRASH ENCLOSURE PLAN
TRASH ENCLOSURE ELEVATIONS
TRASH ENCLOSURE SECTIONS