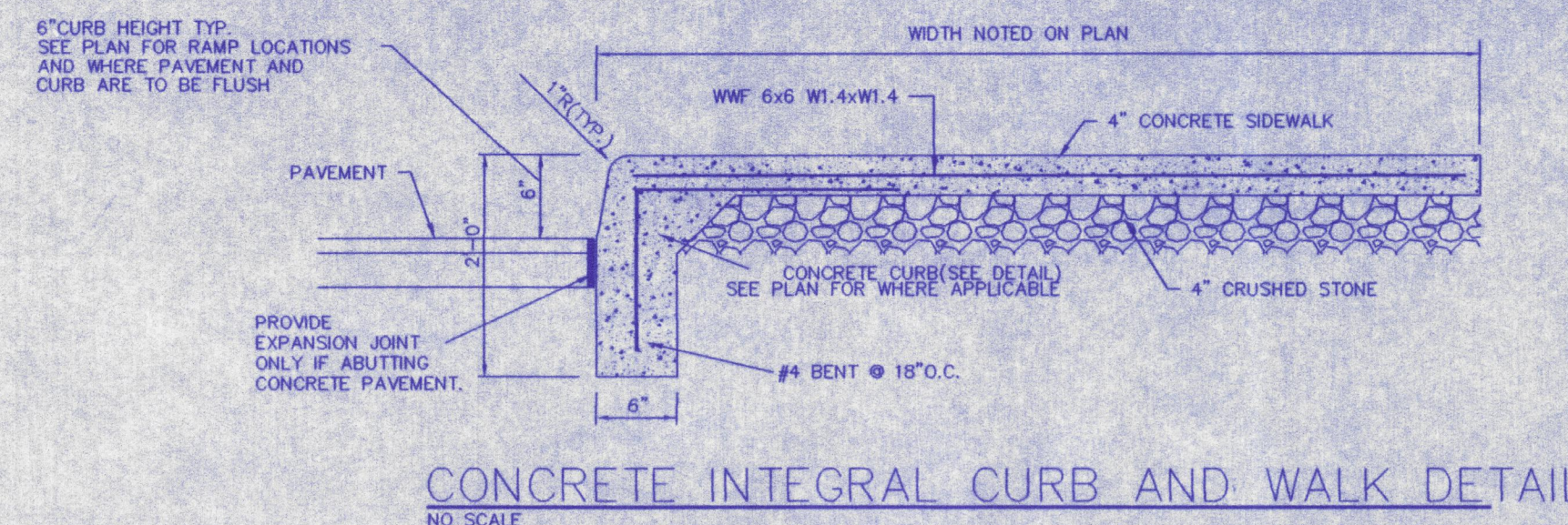
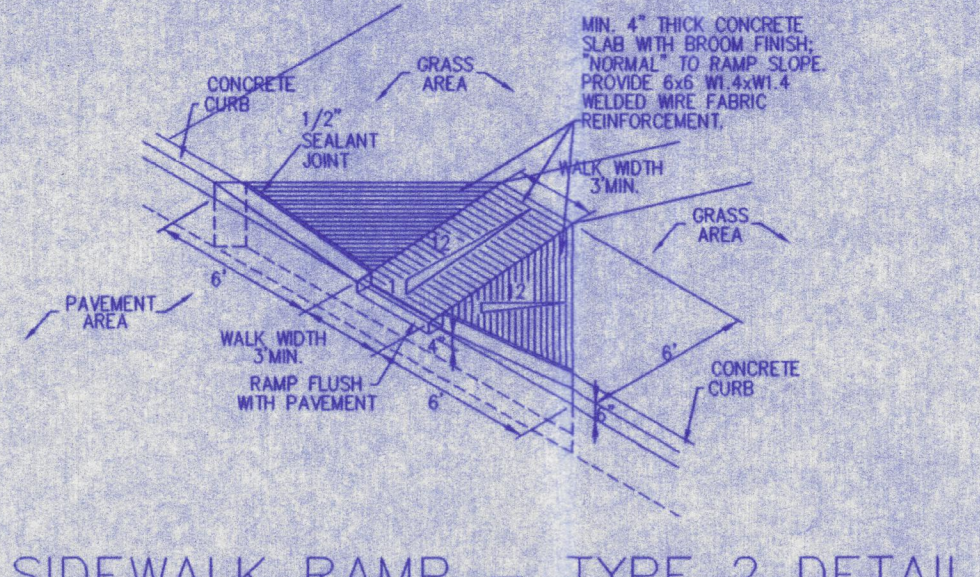


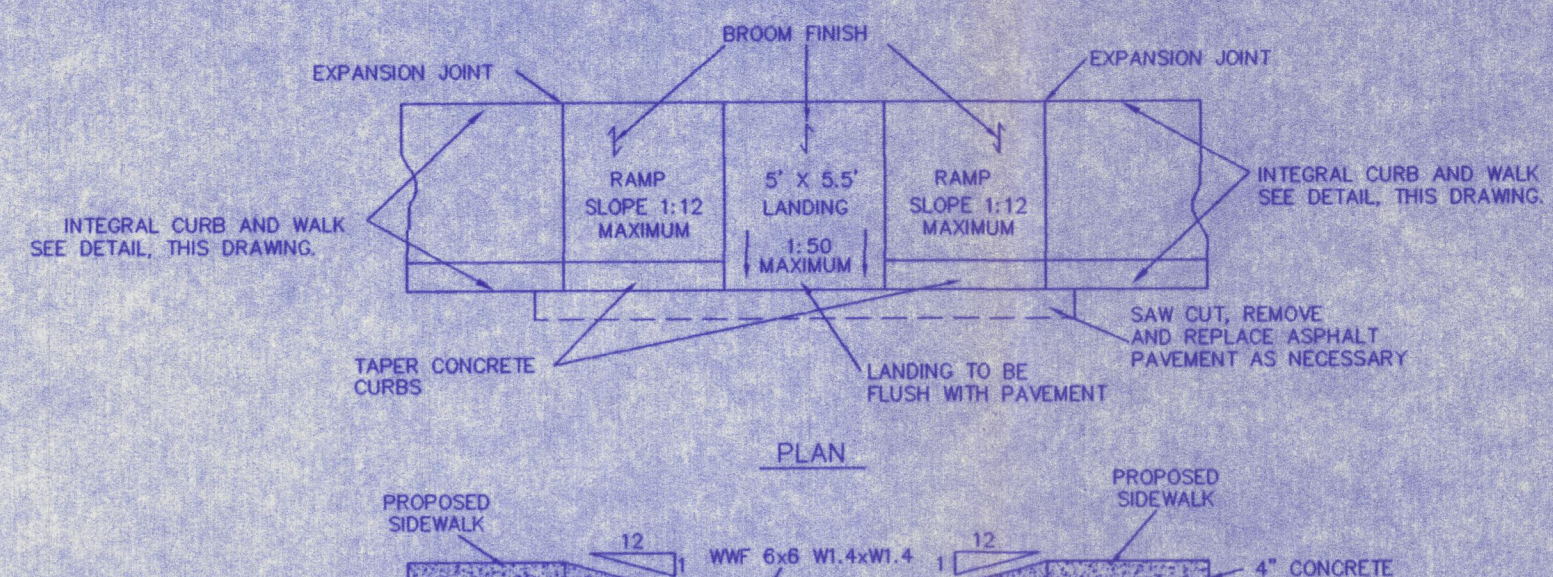
CONCRETE SIDEWALK DETAIL
NO SCALE



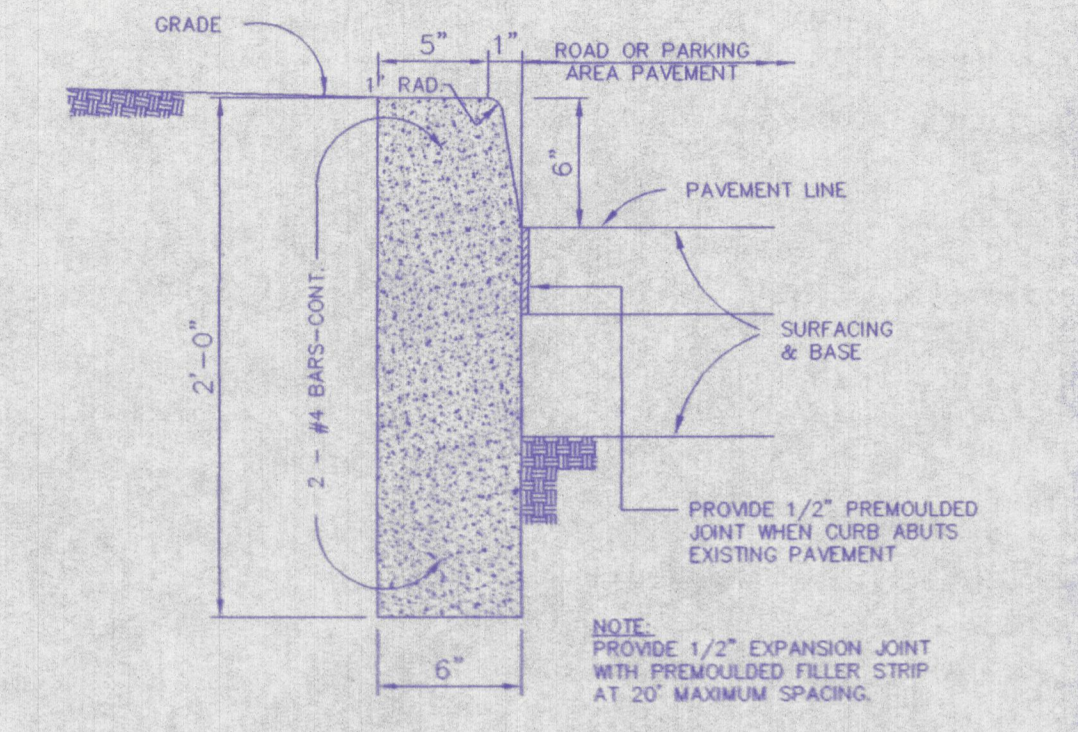
CONCRETE INTEGRAL CURB AND WALK DETAIL
NO SCALE



SIDEWALK RAMP - TYPE 2 DETAIL
NO SCALE



SIDEWALK RAMP - TYPE 1 (HANDICAP) DETAIL
NO SCALE

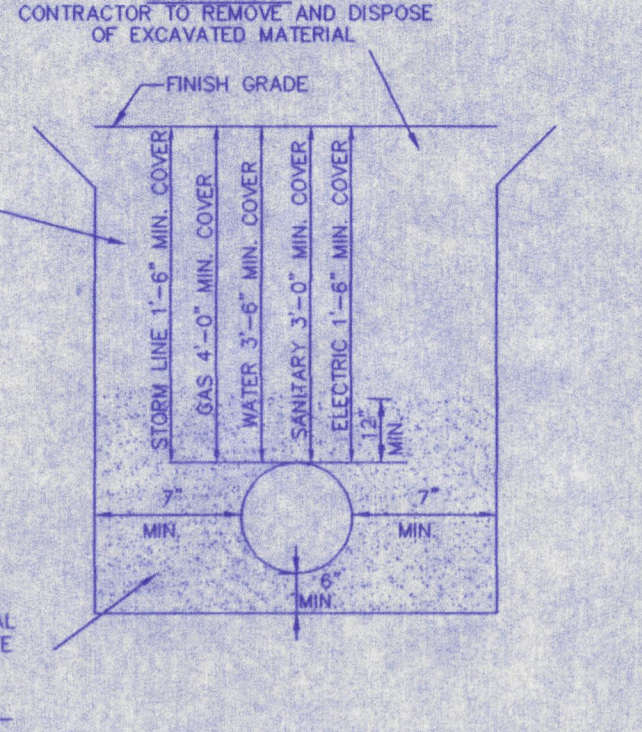


CONCRETE CURB DETAIL
NO SCALE

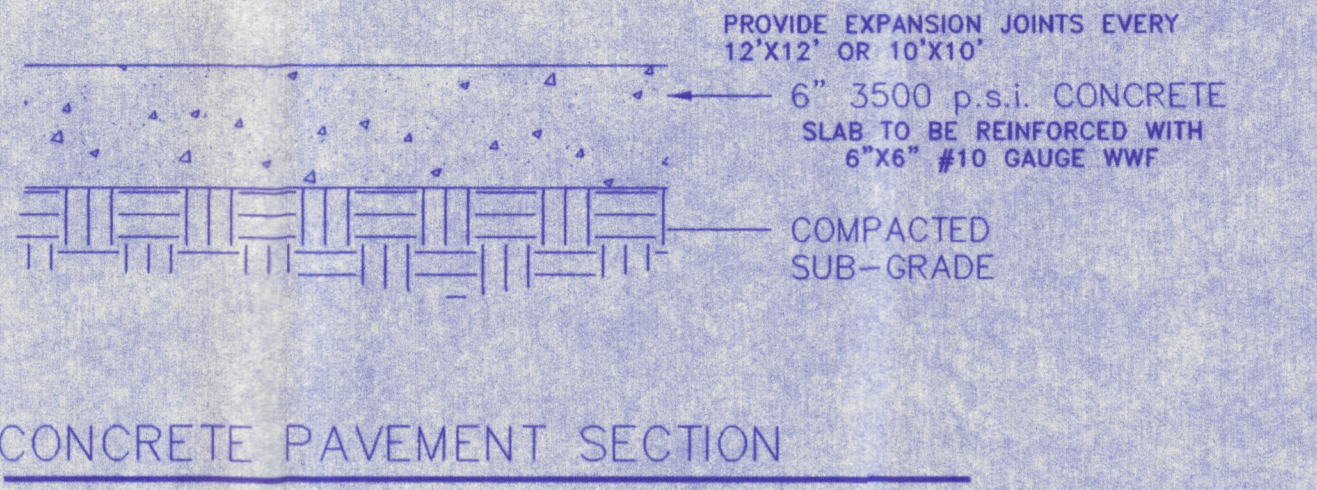
BACKFILL UNDER PAVEMENT
GRANULAR MATERIAL CONSISTING OF SAND, GRAVEL, CRUSHED STONE, OR A COMBINATION THEREOF, GRADED COARSE TO FINE HAVING 100% PASSING A 2" SIEVE AND NOT MORE THAN 15% LOSS BY WASHING OVER A #200 SIEVE. PLACED IN 8" LIFTS (MAX.) TO BOTTOM OF SUBGRADE AND COMPACTED TO 97% STANDARD PROCTOR.

OUTSIDE PAVEMENT
SELECTED EARTH HAVING AN IN-PLACE DENSITY OF 100 LB/CF, PLASTICITY INDEX LESS THAN 40, LESS THAN 7% ORGANIC MATERIALS, FREE OF PEAT, FROZEN MATERIALS, DELETERIOUS MATERIALS, AND ROCKS OVER 4" IN DIAMETER. PLACED IN 8" LIFTS (MAX.) TO BOTTOM OF SUBGRADE AND COMPACTED TO 97% STANDARD PROCTOR.

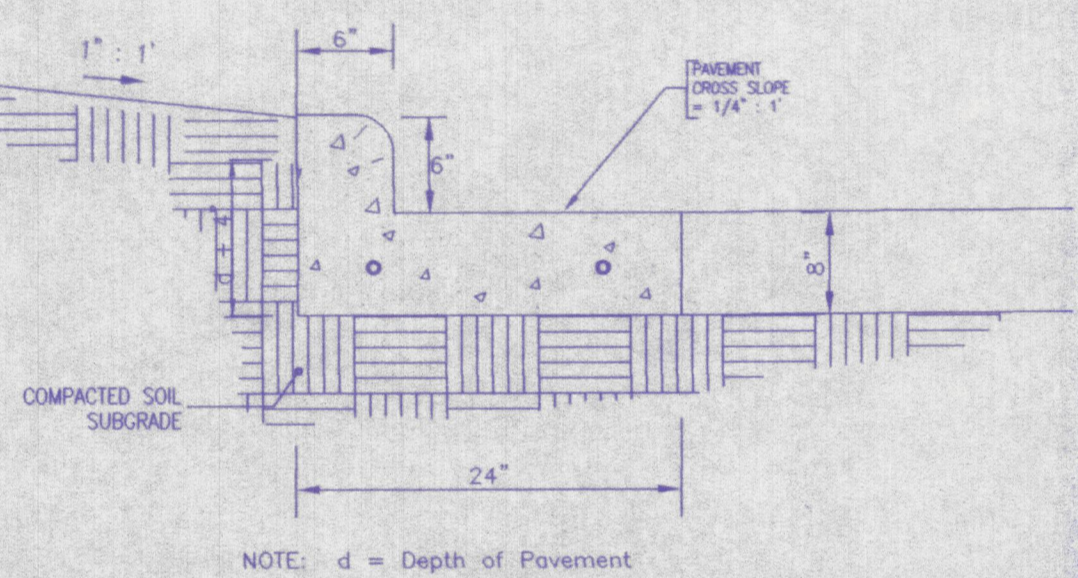
COMPACTED GRANULAR MATERIAL
W/MAXIMUM COARSE AGGREGATE SIZE OF 1/2". PLACED IN 6" LIFTS (MAX.) TO LIMITS SHOWN AND COMPACTED TO 97% STANDARD PROCTOR.



PIPE TRENCH DETAIL
NO SCALE



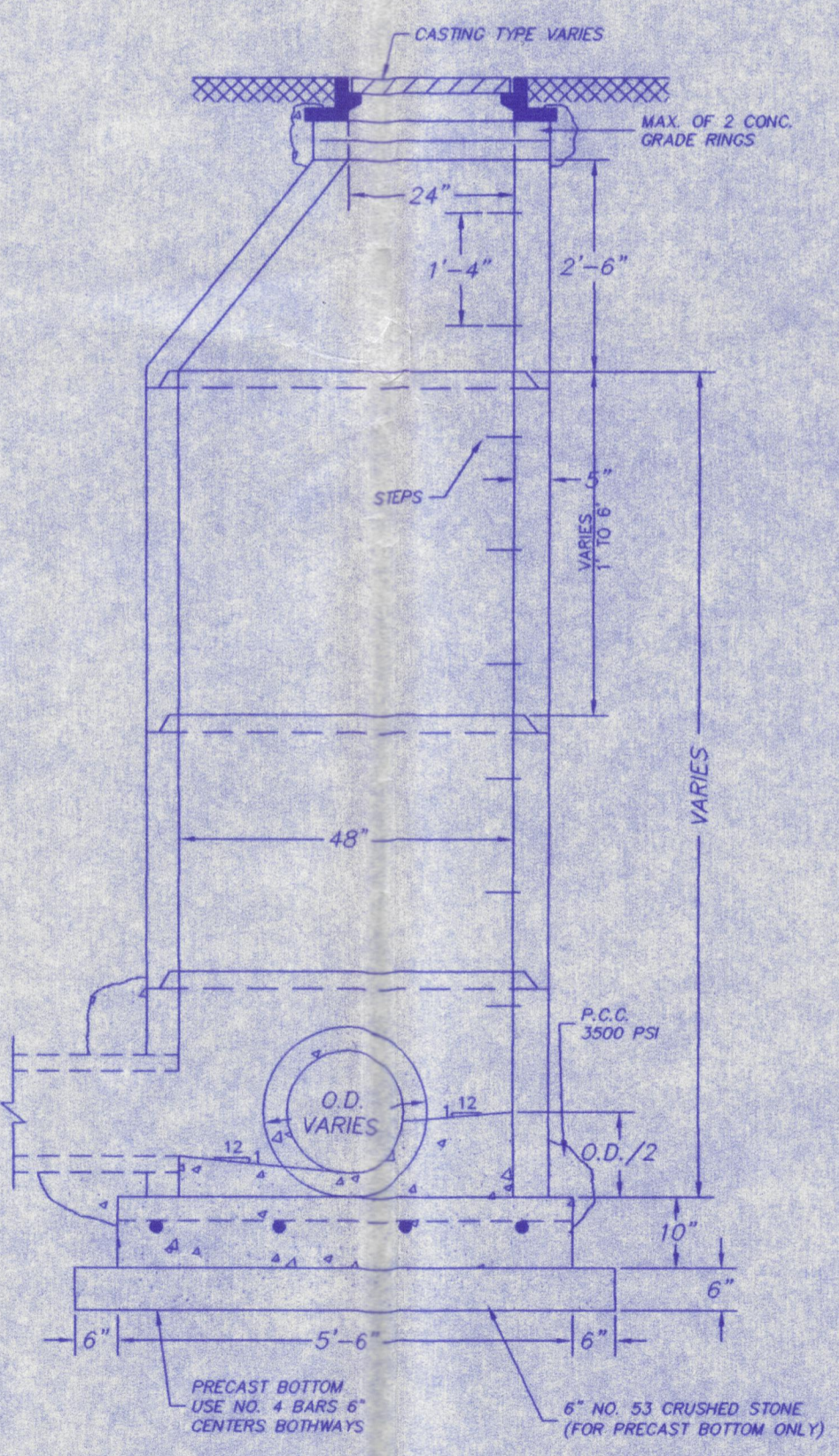
CONCRETE PAVEMENT SECTION



STANDARD CURB AND GUTTER
NOT TO SCALE

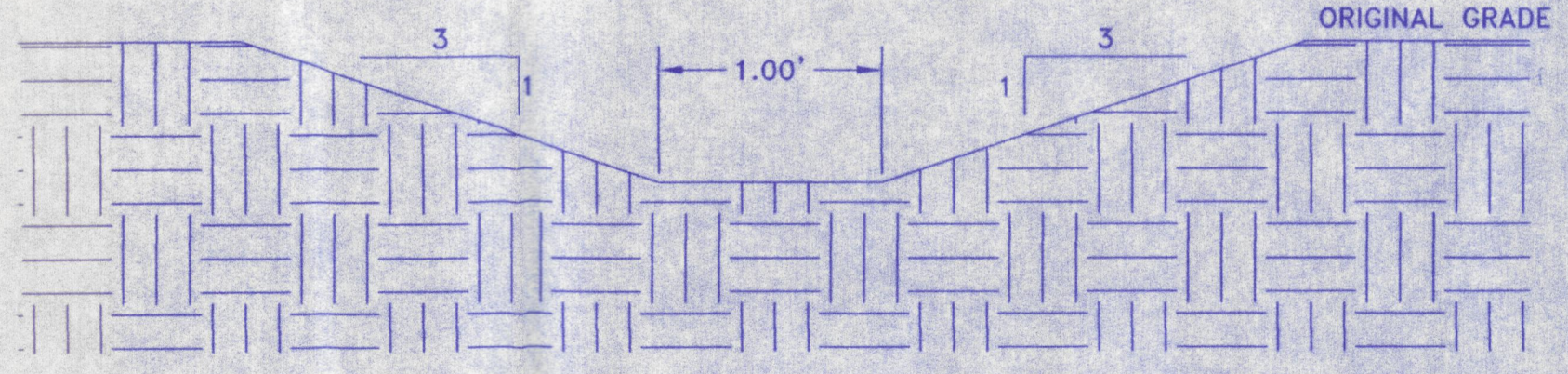
NOTE: ALL MATERIAL AND WORKMANSHIP SHALL BE DONE IN STRICT ACCORDANCE WITH THE INDIANA DEPARTMENT OF HIGHWAY STANDARD SPECIFICATIONS AND THE SPECIFICATIONS FOR STREETS AND ROADS AS ADOPTED BY THE VANDERBURGH PLAN COMMISSION. IN INSTANCES OF DISAGREEMENT BETWEEN THE TWO SPECIFICATIONS, THE STRICTER SHALL APPLY UNLESS DIRECTED OTHERWISE BY THE ENGINEER.

note:
Fill materials used in preparation of subgrade shall be placed in lifts or layers not to exceed 8" loose measure and compacted to a minimum density of 95% of optimum density, in accordance with ASTM D 1557 at a moisture content not less than 1% below and not more than 3% above the optimum moisture content. These areas shall then be proof rolled to detect any areas of insufficient compaction. Proof rolling shall be accomplished by making a minimum of two (2) complete passes with a fully-loaded tandem axle dump truck, or approved equivalent, in each of the two perpendicular directions under the supervision and direction of a field eng. in-charge. Areas of failure shall be excavated and recompacted as stated above.

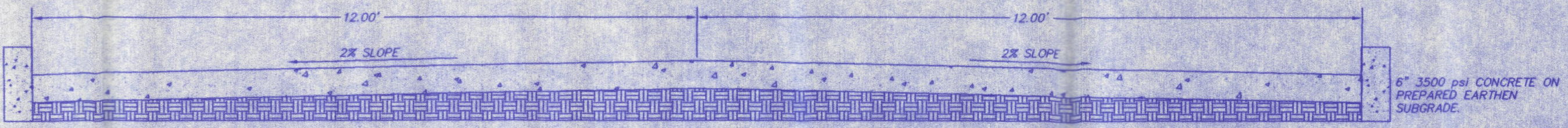


DETAIL C-2
STORM M.H. FOR 12" TO 36" DIAMETER PIPE
SCALE 1/2"=1' (REV. DATE 10/31/97)

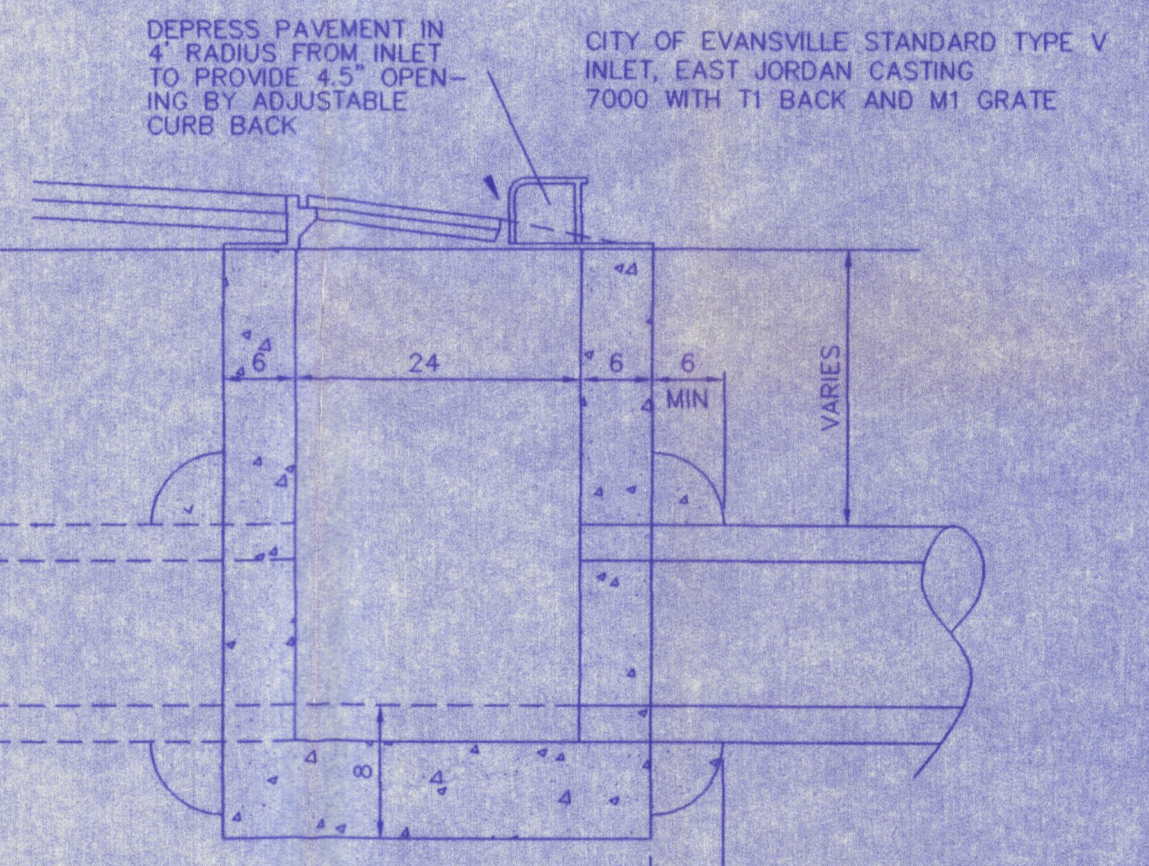
- NOTES:**
- SEE PLANS FOR CASTING SIZE AND TYPE.
 - MANHOLE STEPS SHALL BE CAST IRON OR PLASTIC COATED STEEL WEIGHING NOT LESS THAN TEN POUNDS EACH.
 - CONCRETE FOR POURED BASE SHALL BE 3500 PSI CONCRETE. PRECAST CONCRETE SHALL CONFORM TO ASTM C-478.
 - WHERE HEADROOM IS LIMITED, A PRECAST COVER MAY BE SUBSTITUTED FOR THE EXISTING CONE SHAPE. SEE DETAIL B-4 FOR DETAIL.
 - BASE MAY BE PRECAST OR POURED IN PLACE CONCRETE WHEN PRECAST BASE IS USED A 6" BASE OF #3 CRUSHED STONE WILL BE REQUIRED AND ALL CONNECTING PIPES SHALL BE GROUTED WITH A 6" CONCRETE COLLAR.
 - IN UNPAVED AREAS USE A 6" CONCRETE COLLAR TO ADD GRADE RINGS AND CASTING IN PLACE.
 - THE M.H. SHALL BE BACKFILLED WITH "B" BORROW AND MECHANICALLY COMPACTED IN 6" LIFTS TO 95% OF STANDARD DENSITY.
 - THE COST OF THE MANHOLE SHALL INCLUDE ALL OF THE ABOVE ITEMS.



GRASS-LINED SWALE CROSS SECTION
(1' DEPTH TYP)



ROADWAY CROSS-SECTION



PRECAST RECTANGULAR CURB INLET
CITY DTL A-6

- NOTES:**
- ALL CONNECTING PIPES SHALL BE GROUTED WITH A 6" CONCRETE COLLAR WITH 3500 PSI CONCRETE.
 - REINFORCEMENT SHALL CONFORM TO ASTM A-615, GRADE 40. CONCRETE FOR PRECAST UNITS SHALL CONFORM TO ASTM C-478.
 - THE INLET SHALL BE BACKFILLED WITH "B" BORROW AND MECHANICALLY COMPACTED IN 6" LIFTS TO 95% OF STANDARD DENSITY.

NOTE: ALL MATERIAL AND WORKMANSHIP SHALL BE DONE IN STRICT ACCORDANCE WITH THE INDIANA DEPARTMENT OF HIGHWAY STANDARD SPECIFICATIONS AND THE SPECIFICATIONS FOR STREETS AND ROADS AS ADOPTED BY THE VANDERBURGH PLAN COMMISSION. IN INSTANCES OF DISAGREEMENT BETWEEN THE TWO SPECIFICATIONS, THE STRICTER SHALL APPLY UNLESS DIRECTED OTHERWISE BY THE ENGINEER.

note:
Fill materials used in preparation of subgrade shall be placed in lifts or layers not to exceed 8" loose measure and compacted to a minimum density of 95% of optimum density, in accordance with ASTM D 1557 at a moisture content not less than 1% below and not more than 3% above the optimum moisture content. These areas shall then be proof rolled to detect any areas of insufficient compaction. Proof rolling shall be accomplished by making a minimum of two (2) complete passes with a fully-loaded tandem axle dump truck, or approved equivalent, in each of the two perpendicular directions under the supervision and direction of a field eng. in-charge. Areas of failure shall be excavated and recompacted as stated above.



STREET AND DRAINAGE DETAILS
BRICKYARD CONDOMINIUMS
3615 UPPER MT. VERNON RD
EVANSVILLE, IN

AE2 ANDY EASLEY ENGINEERING
CIVIL ENGINEERING (812) 424-2451 LAND SURVEYING
1133 WEST HILL ROAD EVANSVILLE, INDIANA 47710

DATE: 07-30-04	PROJECT NO. 7809	REVISIONS:
DRAWN BY: JKS	CHECKED BY: FAE	SCALE: AS NOTED
4 OF 4		

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