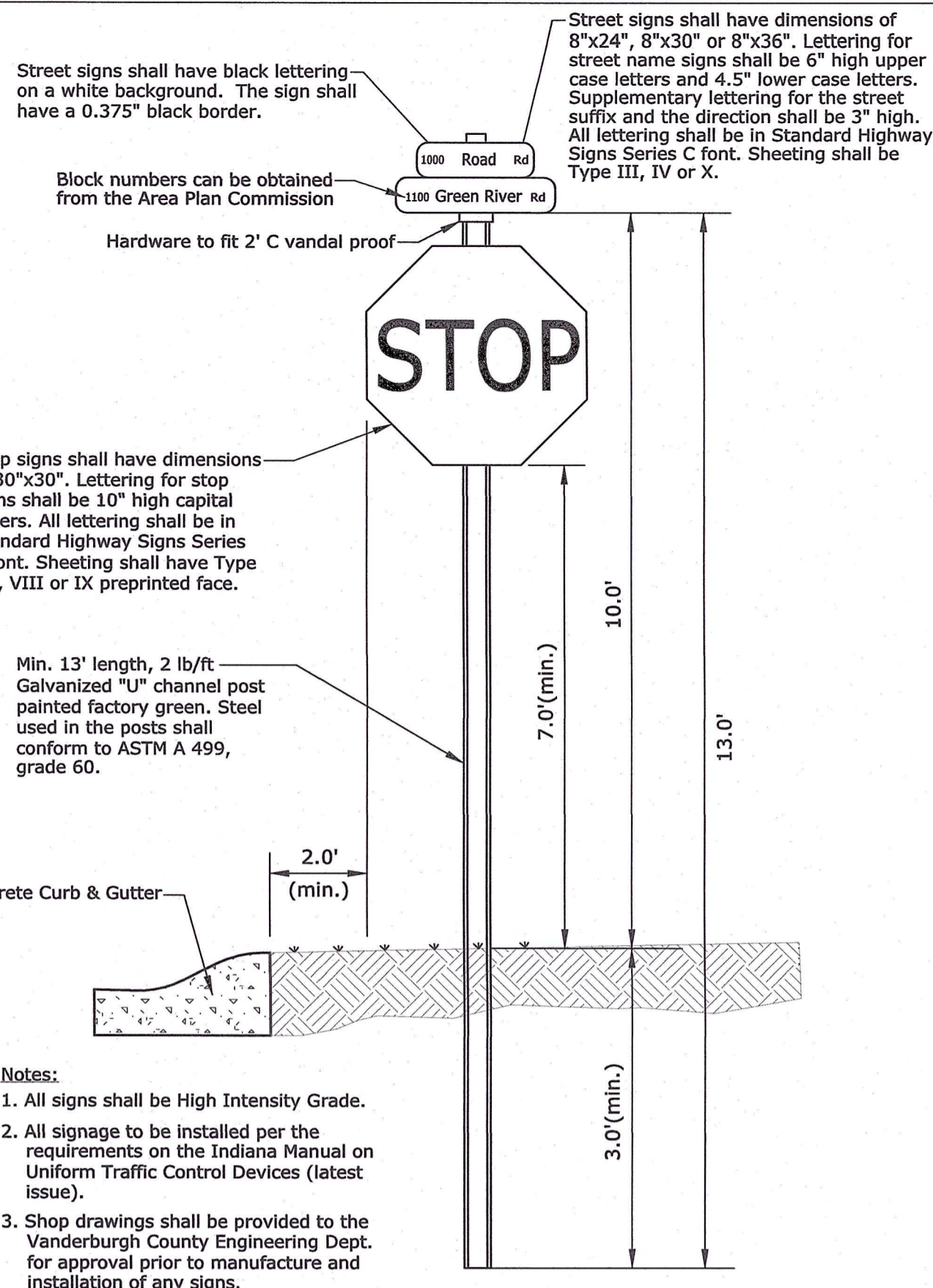


PIPE Ø	MIN WIDTH
12"	2'-6"
15"	2'-9"
18"	3'-0"
24"	3'-6"
30"	4'-1 1/2"
36"	4'-9"
42"	5'-4 1/2"

### REINFORCED CONCRETE PIPE BEDDING

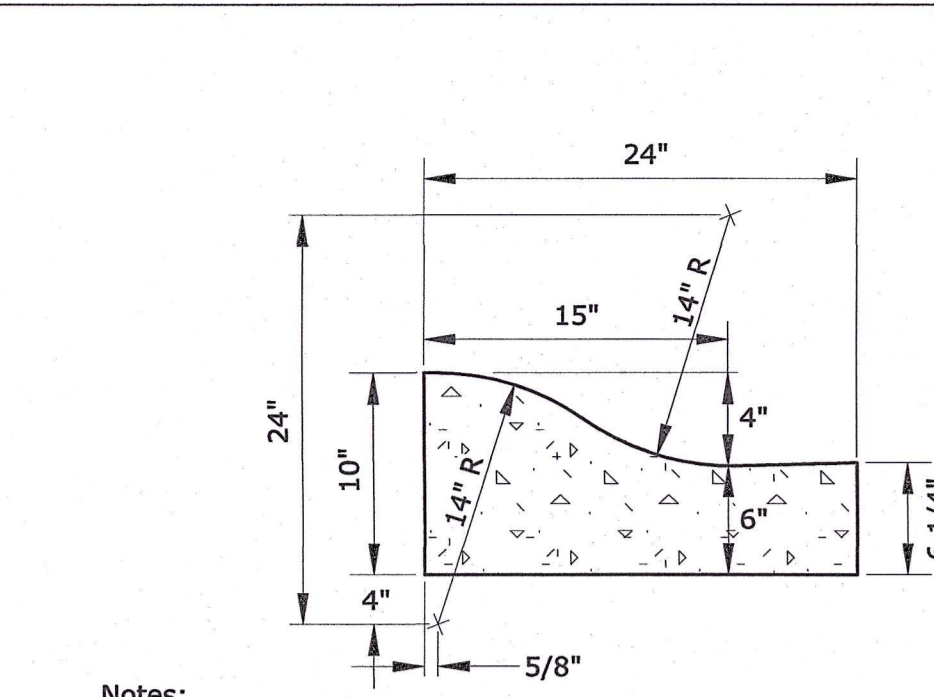
Scale: N.T.S.

- Notes:  
1. New street surface shall comply with local authority jurisdiction.



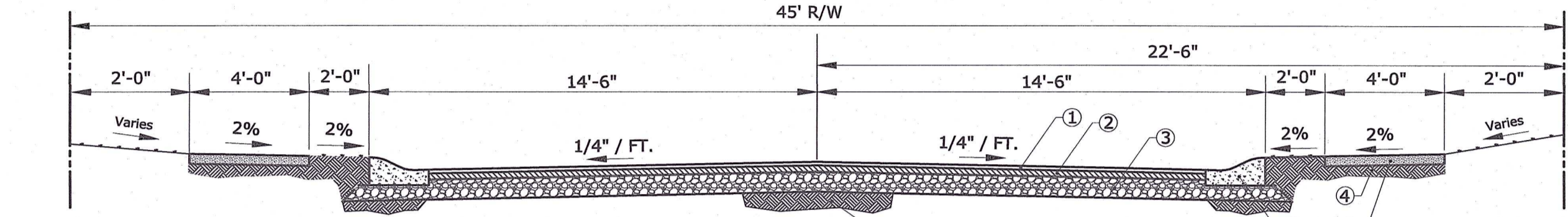
### STREET SIGNS

Scale: N.T.S.



### CONCRETE ROLL CURB AND GUTTER

Scale: N.T.S.

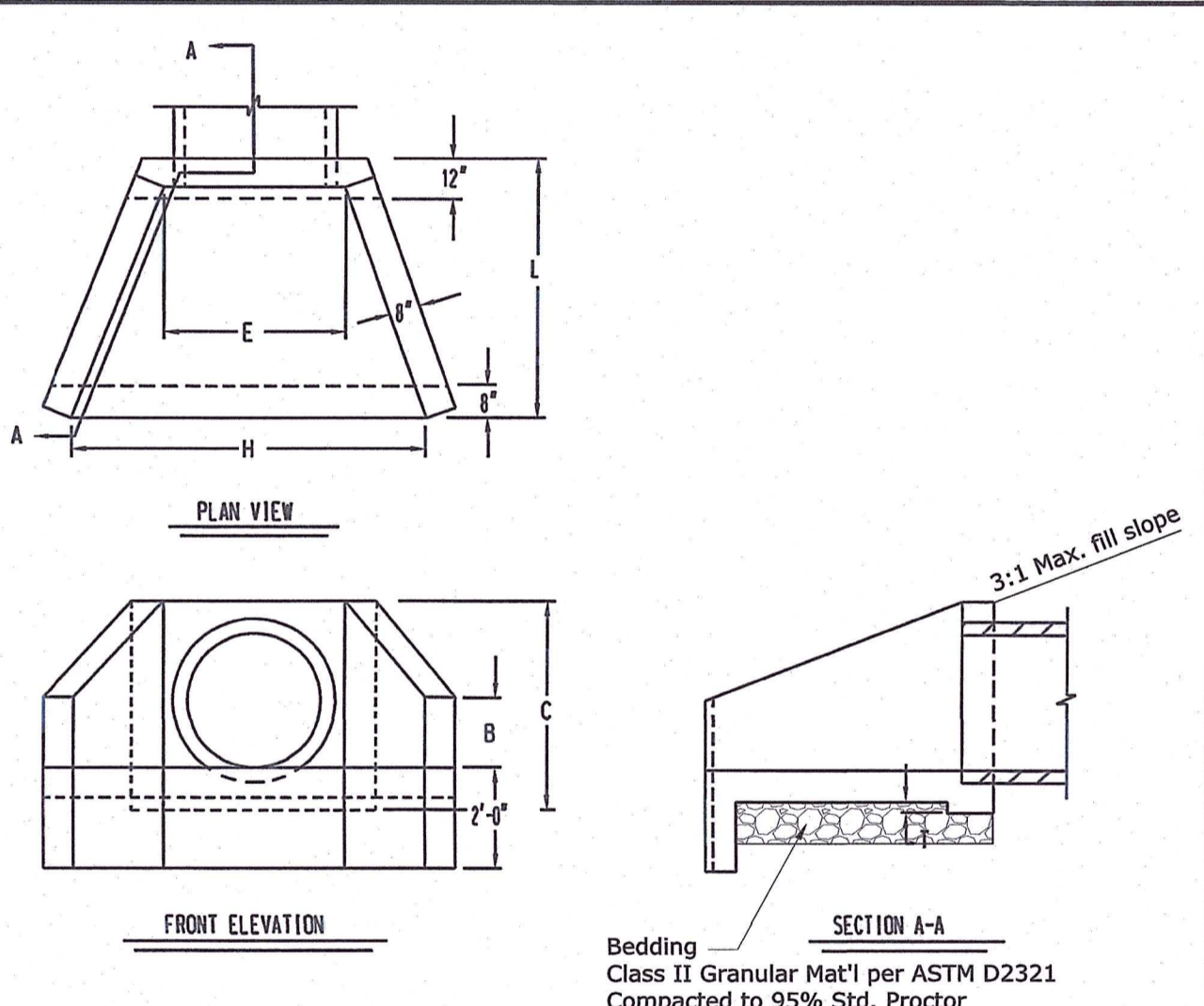


### 29' RESIDENTIAL BITUMINOUS PAVEMENT WITH CONCRETE ROLL CURB & GUTTER

Scale: N.T.S.

- Notes:  
1. Compaction tests and proofroll are required by the County Engineer. A copy of the compaction tests shall be delivered to the owner and the County Engineer's office.  
2. Sidewalks shall have sawed contraction joints every 5 feet on center and expansion joints every 50 feet on center and at all intersections.  
3. All sidewalks and ADA ramps to be constructed per current INDOT and County standards. Refer to INDOT standard Drawing E604-SWCR revised September 2018. Any sidewalk constructed with a cross slope in excess of 2% must be removed and replaced. Subgrade must be proof rolled prior to the placement of any stone or pavement. Proof rolling shall be done by a fully loaded tri-axle dump truck. There shall be 1 or 2 complete coverages as directed. Roller marks, irregularities or failures shall be corrected. Proof rolling must be completed in the presence of a county inspector.  
4. All fill must be constructed in lifts not to exceed six inches.

- Legend:  
① 1" H.M.A. Surface  
② 2" H.M.A. Base  
③ 6" Compacted Agg. Base, #53 - 95% Standard Proctor  
④ Compacted Subgrade - 95% Standard Proctor  
⑤ Curb & Gutter per County Stds. - 4000 psi P.C.C.  
⑥ 4" Sidewalk per INDOT and County Stds. - 4000 psi P.C.C.

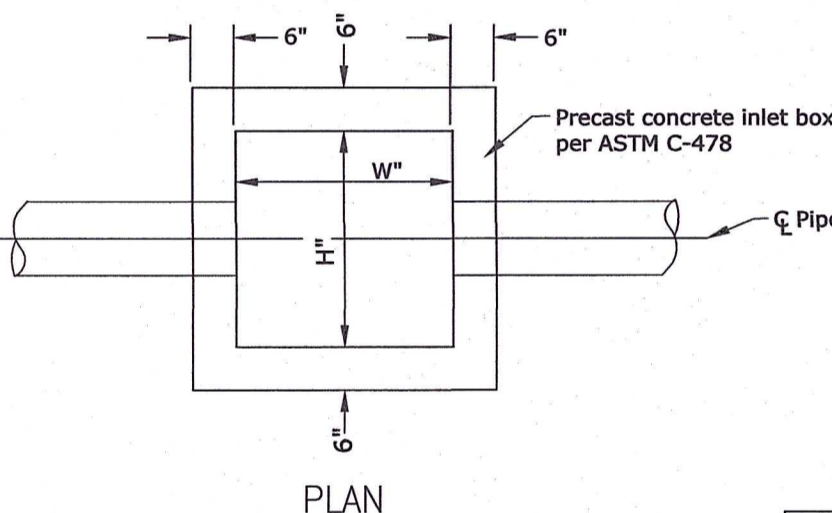
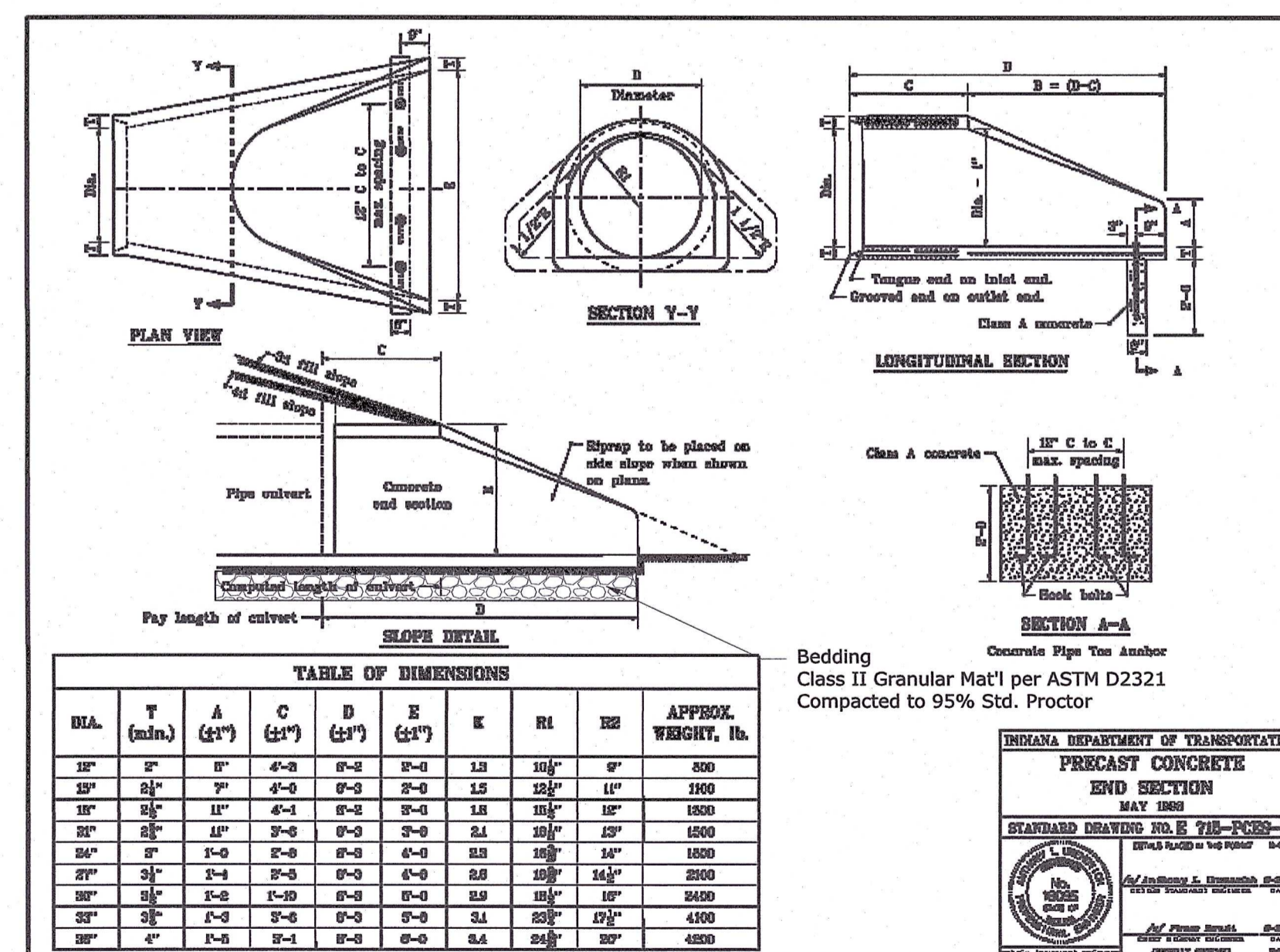


PIPE DIA.	C	L	B	E	H	WEIGHT
30"	4'-6"	4'-5"	1'-3"	3'-1"	7'-6"	6,800lbs.
36"	5'-0"	5'-0"	1'-6"	3'-8"	8'-8"	8,700lbs.
42"	5'-6"	5'-7"	1'-9"	4'-3"	10'-0"	10,450lbs.
48"	6'-2"	6'-2"	2'-0"	4'-10"	11'-2"	13,233lbs.
54"	6'-9"	6'-9"	2'-3"	5'-5"	12'-6"	15,835lbs.
60"	7'-3"	7'-4"	2'-6"	6'-0"	13'-8"	18,670lbs.

- GENERAL NOTES:  
1. CONCRETE 4500 PSI @ 28 DAYS  
2. 2" CONCRETE COVER  
3. REINF. # 5 REBAR 12" C.C. EA. MAY GRADE 60  
4. 3/4" CHAMFER ON ALL EXPOSED EDGES  
5. HOLE SIZE, PIPE O.D. + 3"

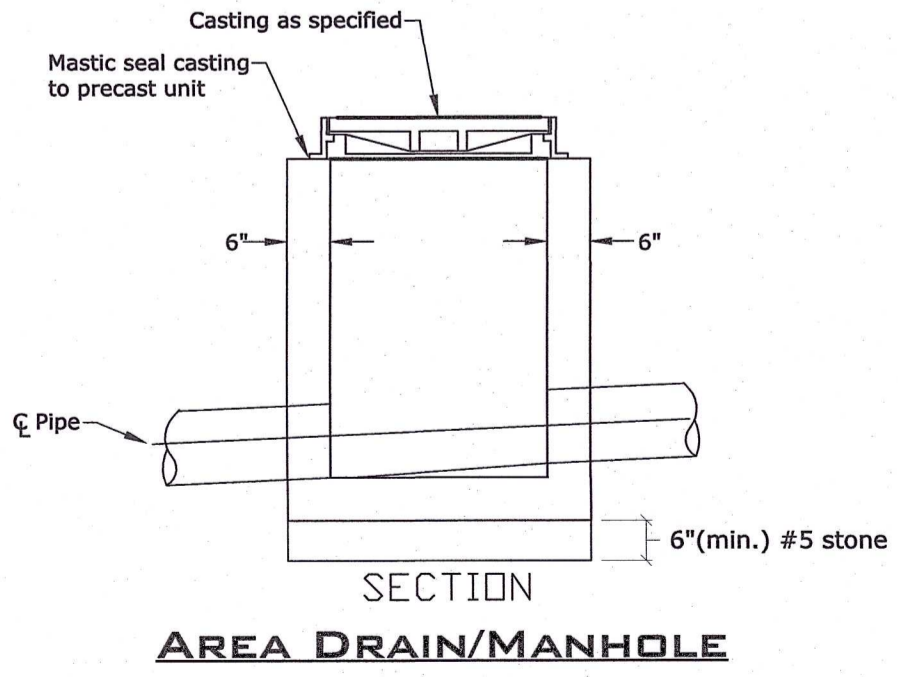
AVAILABLE MARKETS: KY  
**SHERMANTOXIE**

PH# 1-800-737-0707 DWG# ET-238  
DATE: 02/17/06 SHEET# 1 OF 1



### INLET BOX TABLE

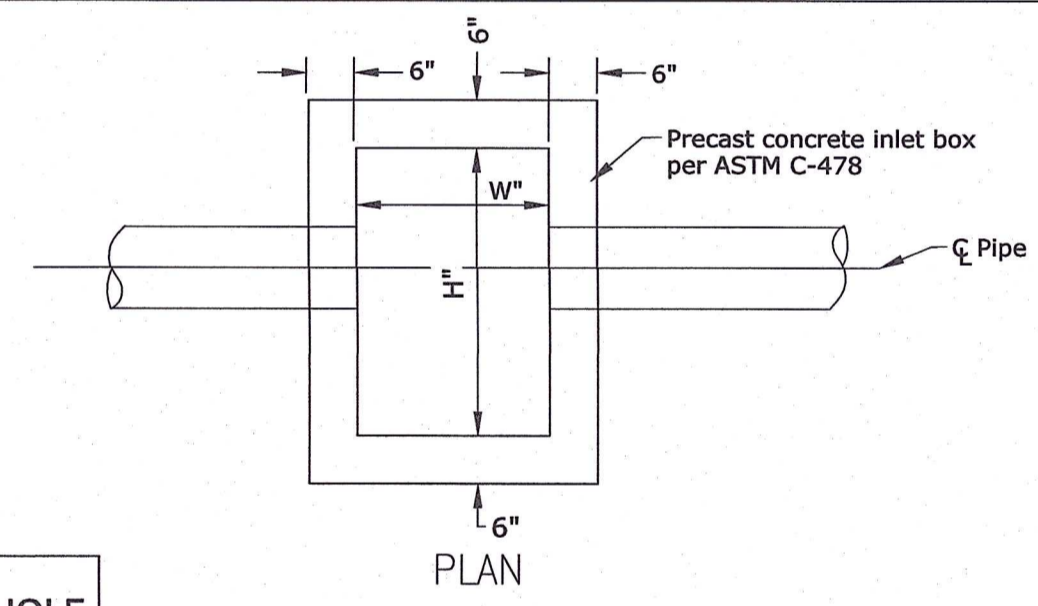
	INLET TYPE	CURB INLET	DOUBLE CURB INLET	AREA DRAIN	MANHOLE
CASTING BOX SIZE	"W"	24"	24"	30"	30"
	"H"	36"	74"	30"	30"
	Paved Areas	EJIW #7030	EJIW #7030		
	Grate	Type M2	Type M2		
Non-Paved Areas				EJIW #6610	EJIW #1022-1
	Grate				Type A



### PRECAST INLET BOX

Scale: N.T.S.

- INLET NOTES:  
All precast units shall conform to ASTM C-478.  
Inlets shall be backfilled with granular material and compacted in 8" loose lifts to 95% Standard Density per ASTM D698.  
Casting shall be mastic sealed to precast unit.  
All connecting pipes shall be grouted with a high strength, non-shrink grout.  
Frame & castings shown are the type & size required for the given box dimensions. Alternates shall be equal to those shown, including grate & opening sizes.



### SECTION CURB INLET

Scale: N.T.S.

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STATE OF INDIANA REGISTERED PROFESSIONAL ENGINEER  
No. PE10403870  
SHERMANTOXIE  
DATE: 22 Aug 22

**CASH WAGGNER & ASSOCIATES, PC**  
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E-MAIL: SMERITT@DASHWAGGNER.COM

NO.	DATE	BY	DESCRIPTION
1	08.11.22	G.A.M.	Added concrete headwall detail
2	08.22.22	G.A.M.	Added INDOT Concrete End Section detail & revised headwall detail

PROJECT: **GOLDFINCH COVE**  
ADDRESS: **GREEN RIVER ROAD EVANSVILLE, INDIANA**  
PROJECT NO.: 21-5012  
DESIGNED BY: G.A.M.  
DRAWN BY: G.A.M.  
FILENAME: 5012 Road Storm Dts  
LAYOUT TAB:  
SCALE: As Shown  
DATE: **07.20.22**  
DRAWING NO.: **C-119**  
SHEET TITLE: **ROAD & STORM SEWER DETAILS**  
OF:

RECEIVED  
AUG 22 2022  
Vanderburgh County Engineering