

SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

~~773-6110 Ext. 19~~
776-9626

Noblesville, Ind. 46060 April 10, 1988
Verbal report given 3/14/88

TO: Hamilton County Drainage Board

RE: Goodrich Brothers Drain

Attached is a petition from Hardees Food Systems, Inc. to relocated the Goodrich Brothers Drain. Also attached are plans and calculations for the relocation on on Hardees site and plans for the storm sewer system on Park Street by HNTB.

The proposed relocation will begin at approximately STA 11+65 of the original drain as constructed in 1905. This station is approximately 26 feet East of the East Right of Way for U.S. 31 and is shown as an existing manhole on the Hardee's site plan, Sheet No S-1. The relocation would then run South East 230 feet in a 15" RCP at 0.15% gradr to a new manhole on the North edge of Park Street; thence East 99 feet in a 15" RCP at 0.15% grade to an existing curb inlet at the North East intersection of Park Street and Maple Street, which is approximately Station 28+47 of the Park Street storm sewer.

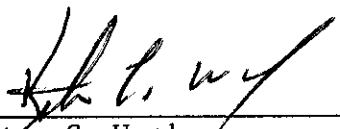
This proposal has been examined by HNTB, engineers for the Town of Westfield, Butler, Fairman and Seufert, Inc., engineers for Hardees and me. By detailing onsite storm water and allowing the existing tile to flow through the Park Street storm sewer should not be overloaded. This has been confirmed by Glendon Williams from HNTB (letter to Mike Maddox dated 2/21/88) and is shown in the attached calculations.

From Station 28+47 of the Park Street storm sewer as designed by HNTB and dated September 1979 to the outlet into the Anna Kendall Drain at STA 13+02 this storm sewer shall become the regulated drain. This will involve structures 10, STA 13+02; structures 9, STA 15+62; str 8, STA 16+04; str 7, STA 19+80; str 4, STA 24 +17; str 1, STA 28+00; and the curb inlet at STA 28+47 as described above. This storm

sewer consists of the following lengths: STA 13+02 to 15+62, 260 L.F. 30" pipe; STA 15+62 to 16+04, 52 L.F. 30" pipe; STA 16+06 to 19+80, 372 L.F. 30" Pipe; STA 19+80 to 24+17, 171.33 L.F. 24" pipe; STA 24+17 to 28+00, 380.5 L.F., 15" pipe; and STA 28+00 to 28+47, 47 LF 15" pipe.

The total length of the new drain is 1874 feet running from STA 11+65 of the original drain East of U.S 31 R/W to the outlet into the Anna Kendall Drain. The portion of the original drain from STA 11+65 to 30+54 is to be vacated. Along with this Arm 2 also be vacated. Sections of the vacated drain has been intercepted into the Park Street storm sewer at STR No 3 and STR No 7. The length of the regulated drain will now be 2029 feet for the main ditch , not including the original Arm 1 which will remain as part of the regulated drain. The main line if the Park Street storm sewer as described above will become part of the regulated drain. The portions of the storm sewer shown on the plan and not described above such as STR 3 and various curb inlet will not become part of the regulated drain. I recommend the Goodrich Brothers Drain not be placed on a maintenance assessment at this time. This drain should be included as part of the Anna Kendall Drainage area and be placed on the maintenance program for that drain, when it is reconstructed. At this time the Kendall Drain is number 14 on the reconstruction classification list. Upon studing the drainage on the West side of U.S.31 as it relates to this drain I believe a future relocation and reconstruction will be necessary. I recommend that prior to further development within the drainage shed West of U.S. 31 that the Goodrich Brothers Drain be cut off so as not to flow under the highway. Instead, a new drain should be installed to divert the drainage West of U.S.31 South to the Anna Kendall Drain. Doing so should improve drainage on both the East and West of U.S. 31.

I recommend a hearing be set for this matter for May 9, 1988. I further recommned a Performance Bond or Letter of Credit, be filed for 100% of the cost of the relocation across the Hardees' site and that construction of the relocation be completed within one (1) year , if relocation is approved. Surity to be submitted within thirty (30) days of Board's approval and be released at such time as built drawings are submitted and final inspection by the Surveyor.



Kenton C. Ward
Hamilton County Surveyor

KCW/no



HARDEE'S FOOD SYSTEMS, INC.

111 CONGRESSIONAL BOULEVARD • SUITE 200 • CARMEL, IN 46032 • (317) 848-9448

July 6, 1989

Mr. Kent Ward
Hamilton County Surveyor's Office
942 Maple Avenue
Noblesville, Indiana 46060

RE: Hardee's Restaurant
518 West Park Street
Westfield, IN

Dear Mr. Ward:

Pursuant to your request, I have enclosed a copy of the "as-built" storm system for the subject project.

Yours truly,

Dan Fabbro
Sr. Construction Manager
Area VI

DF/pt
Enclosure
cc: Gordon Howe
Marsha Wood

FILED

JUL 07 89

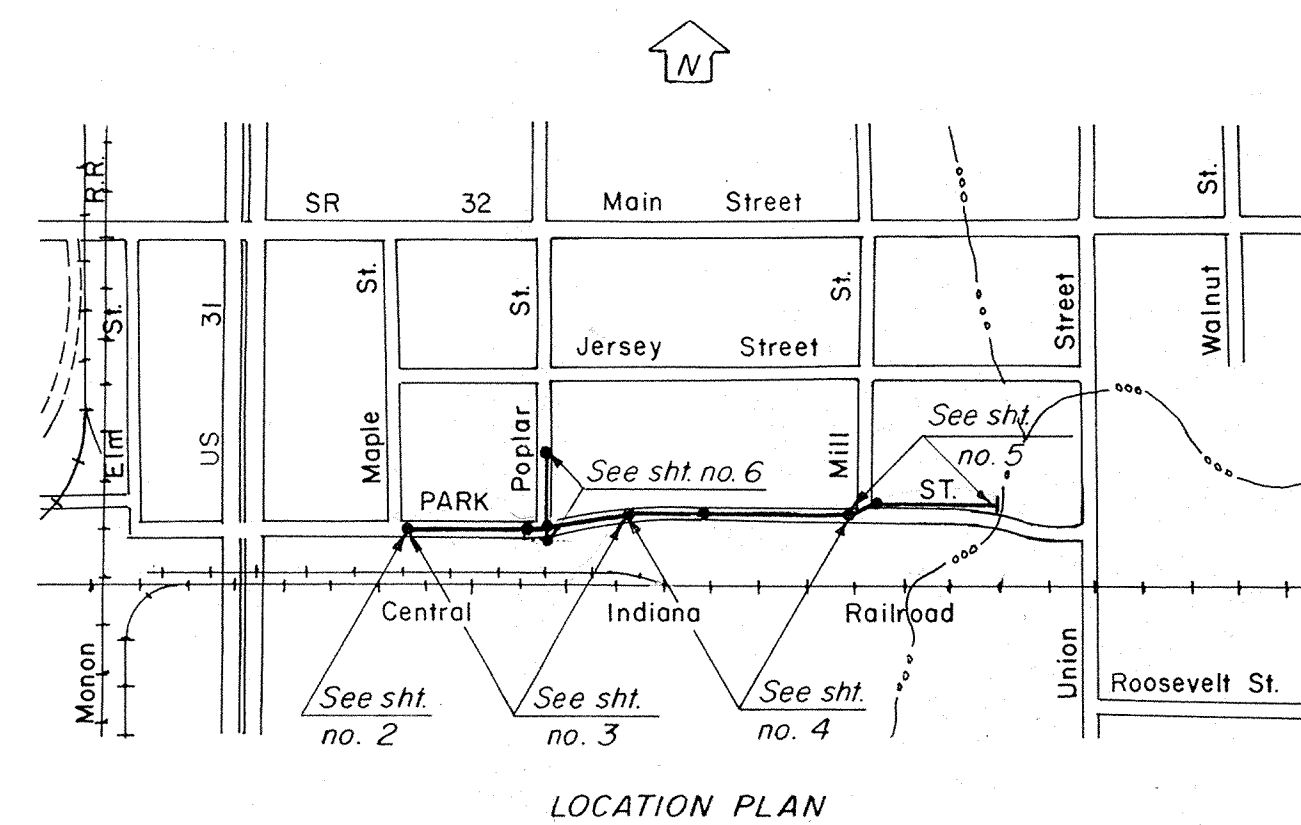
OFFICE OF HAMILTON COUNTY SURVEYOR

BY _____

NOTE: DRAIN RELOCATION INSPECTED JULY 11, 1989.

TOWN OF WESTFIELD INDIANA

PARK STREET IMPROVEMENTS DIVISION I - STORM SEWERS



HOWARD NEEDLES TAMMEN & BERGENDOFF

HENRY B. STEEG & ASSOCIATES DIVISION
ARCHITECTS ENGINEERS PLANNERS
INDIANAPOLIS, INDIANA

CERTIFIED
HOWARD NEEDLES TAMMEN & BERGENDOFF
HENRY B. STEEG & ASSOCIATES DIVISION
BY:

ROBERT S. COMA, ASSOCIATE
REGISTERED ENGINEER NO. 10897
STATE OF INDIANA



FILED
DEC 29 1987
HAMILTON COUNTY DRAINAGE BOARD
SECRETARY

APPROVED BY:
TOWN OF WESTFIELD
BOARD OF TRUSTEES

James I. Edwards, President

James C. Norris, Member

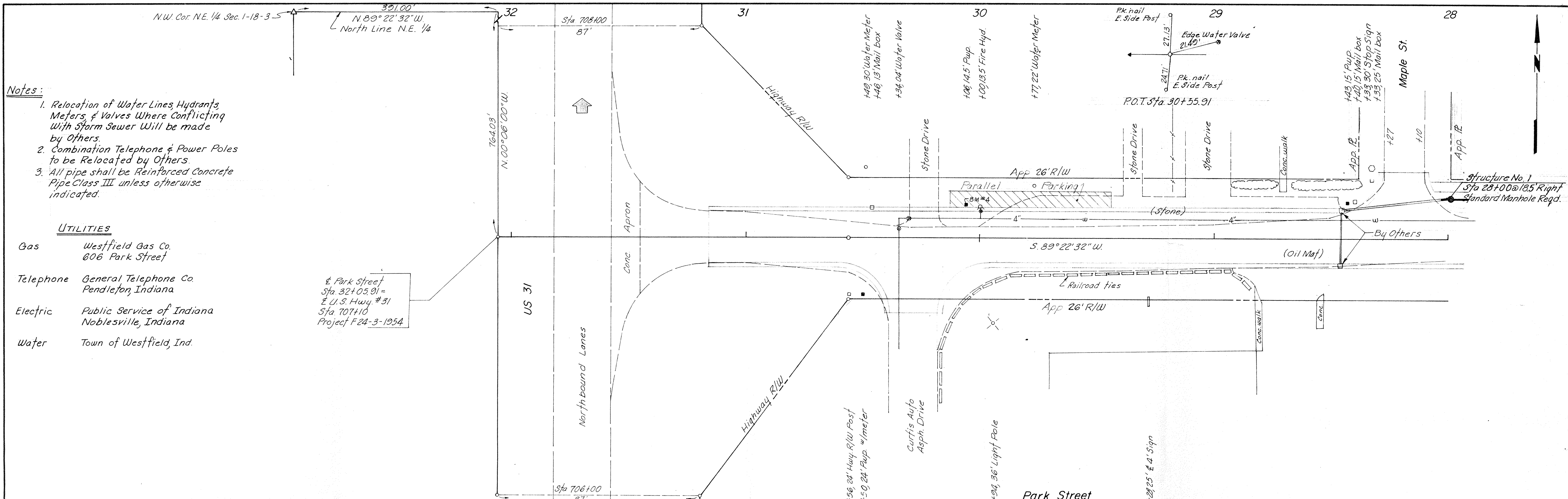
H. Marshall Adkins, Member

Mary Lou Thatcher, Clerk - Treasurer

Robert S. Haskett Jr., Superintendent

Date: _____

SET NO.



- Notes:**
1. Relocation of Water Lines, Hydrants, Meters, & Valves Where Conflicting With Storm Sewer Will be made by Others.
 2. Combination Telephone & Power Poles to be Relocated by Others.
 3. All pipe shall be Reinforced Concrete Pipe Class III unless otherwise indicated.

UTILITIES

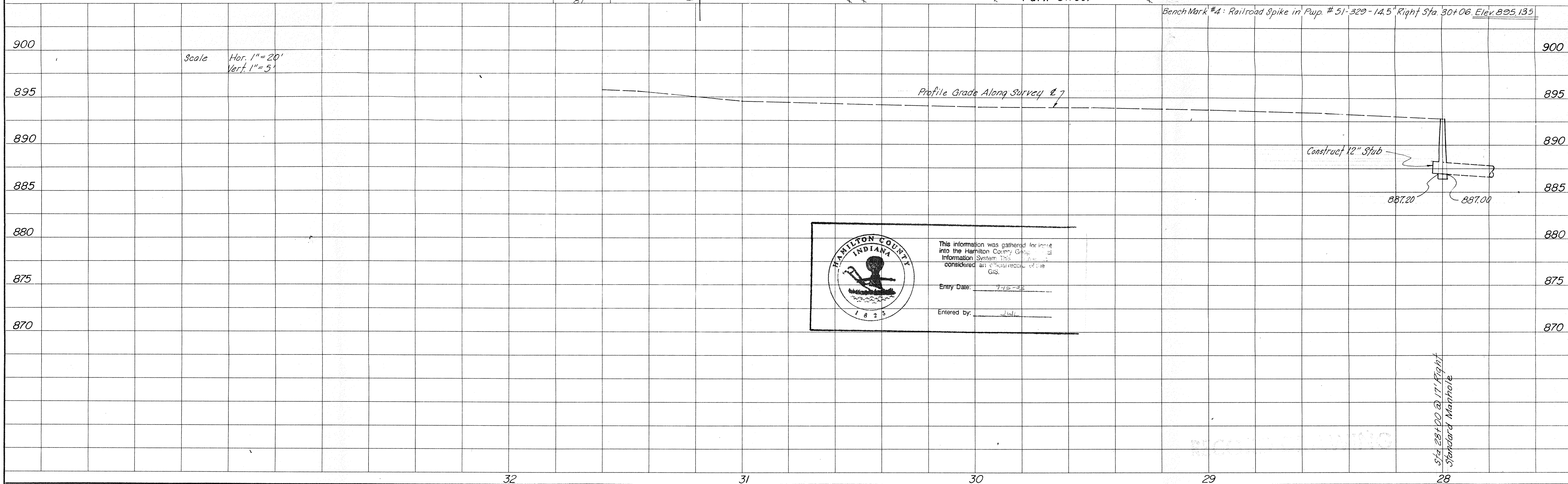
Gas Westfield Gas Co.
606 Park Street

Telephone General Telephone Co.
Pendleton, Indiana

Electric Public Service of Indiana
Noblesville, Indiana

Water Town of Westfield, Ind.

± Park Street
Sta 32+05.91 =
± U.S. Hwy #31
Sta 707+10
Project F24-3-1954



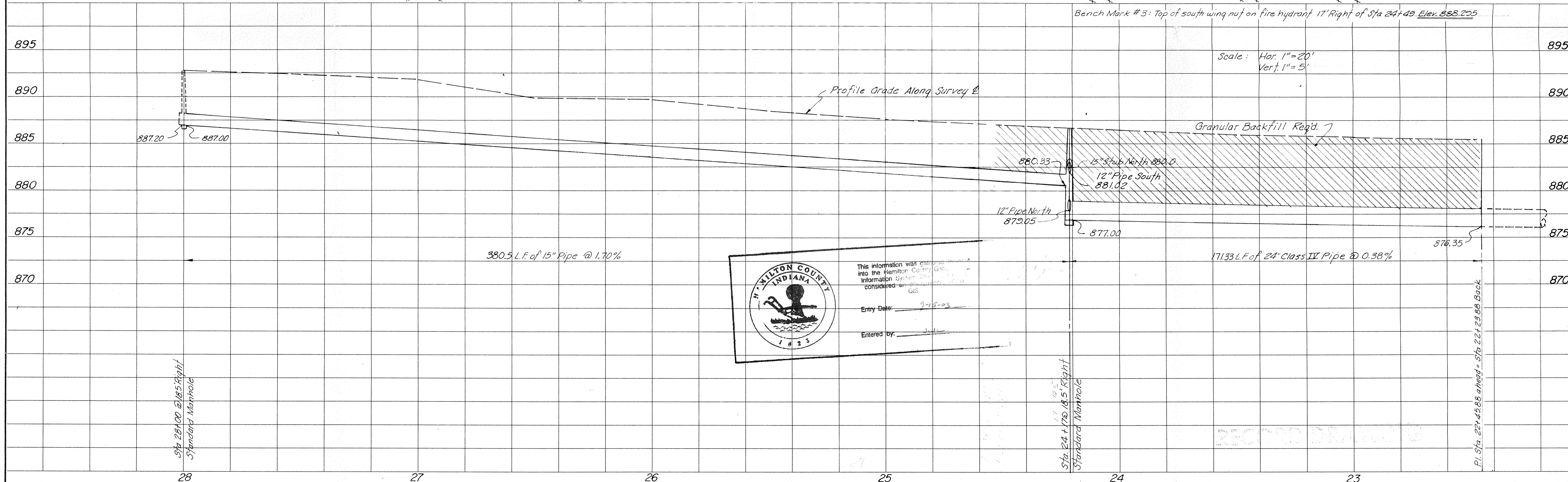
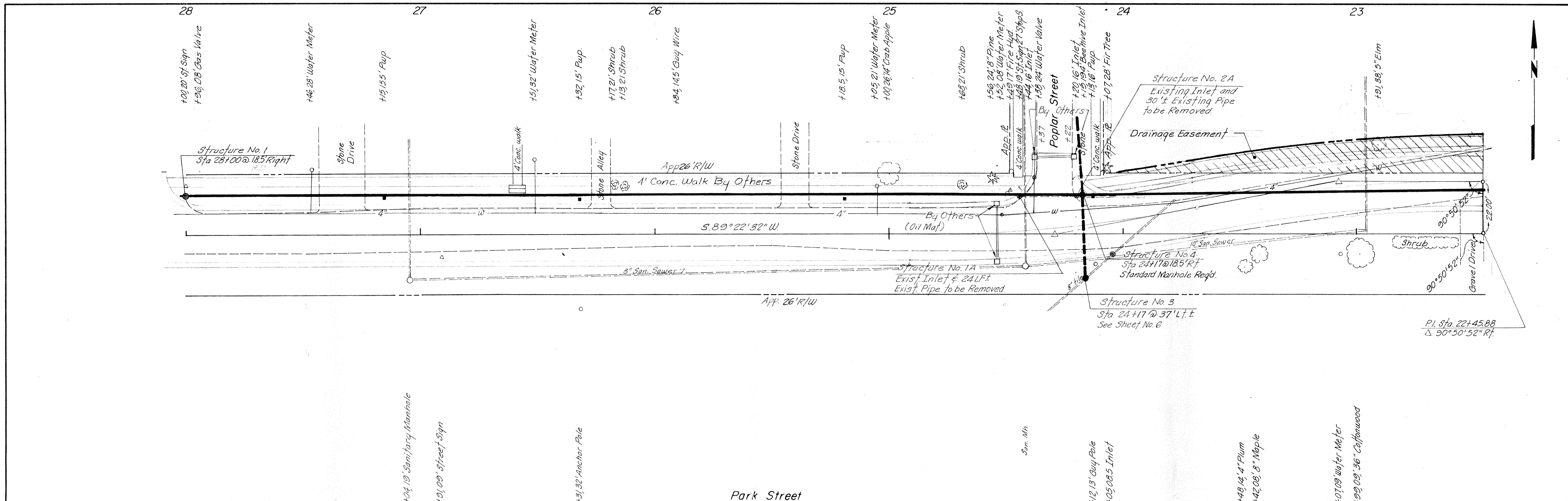
This information was gathered for input into the Hamilton County Geographic Information System. This information is considered an official record of the GIS.

Entry Date: 7-15-25

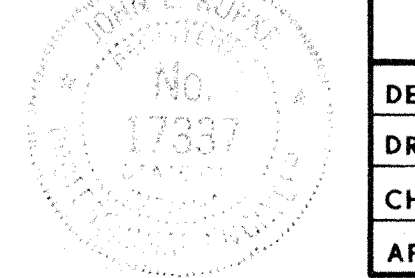
Entered by: JWL

SYMBOL			REVISIONS			BY			DATE			APPROVED		

	DRAWING STATUS		HOWARD NEEDLES TAMMEN & BERGENDOFF HNTB HENRY B. STEEG & ASSOCIATES DIVISION ARCHITECTS ENGINEERS PLANNERS 3333 FOUNDERS LANE, INDIANAPOLIS, INDIANA 46226	JOB NO.	TOWN OF WESTFIELD, INDIANA PARK STREET IMPROVEMENTS DIV. I STORM SEWER PLAN & PROFILE	SHEET NO.
	DESIGNED	djt		54-24-21-00		2
	DRAWN	rlj		DATE		
	CHECKED	djt		Sept. 79		
APPROVED	jek			2 of 9		

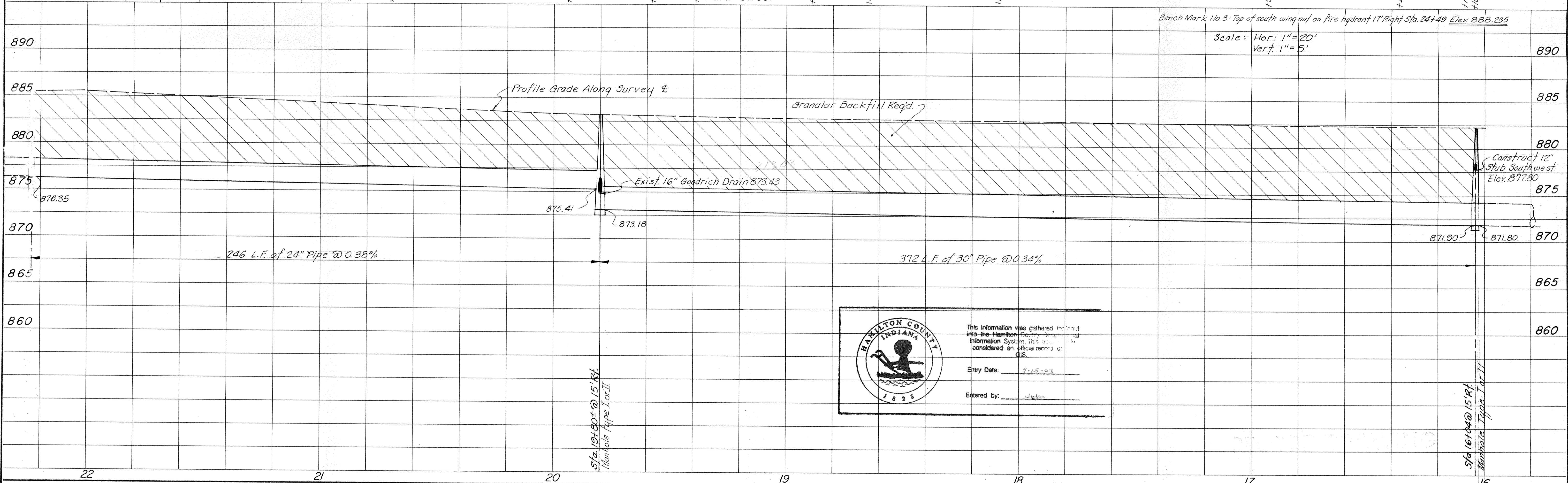
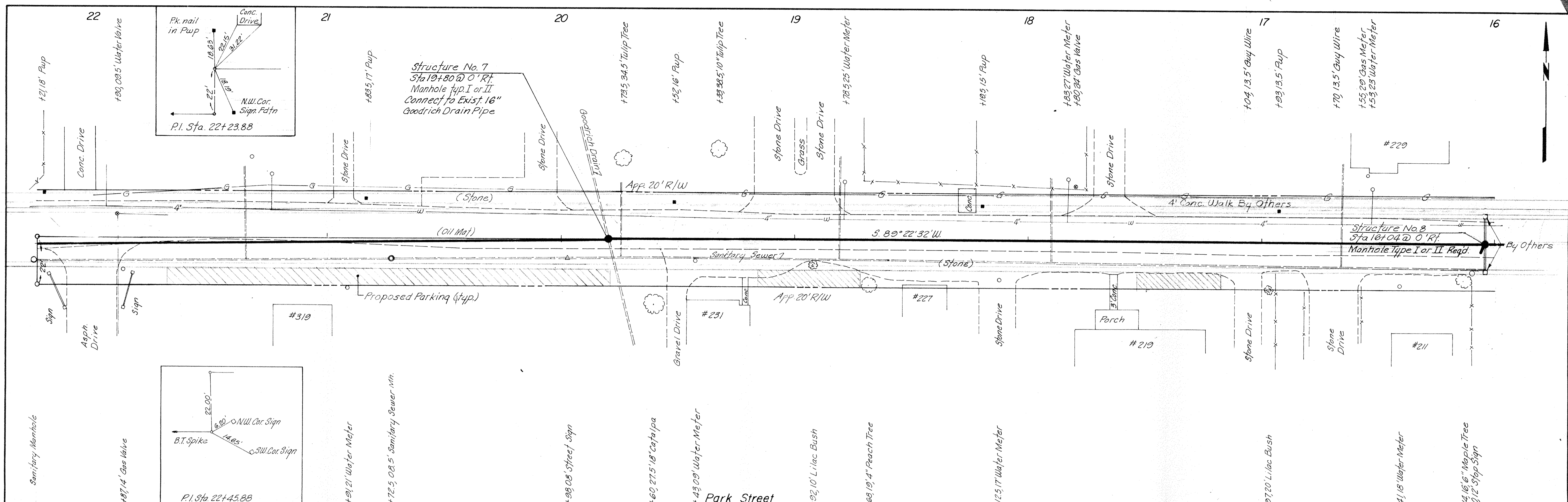


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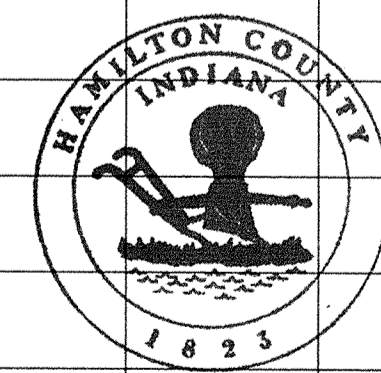

 This information was entered into the Hamilton County Geographic Information System. This information is considered an official GIS.
 Entry Date: 7-15-03
 Entered by: Jek

HOWARD NEEDLES TAMMEN & BERGENDOFF
HNTB
 HENRY B. STEEG & ASSOCIATES DIVISION
 ARCHITECTS ENGINEERS PLANNERS
 3333 FOUNDERS LANE, INDIANAPOLIS, INDIANA 46268

JOB NO. 5434-21-00
 TOWN OF WESTFIELD, INDIANA
 PARK STREET IMPROVEMENTS
 DIV. I STORM SEWER
 PLAN & PROFILE
 SHEET NO. 3
 DATE Sept. 79



Bench Mark No. 3: Top of south wing nut on fire hydrant 17' Right Sta. 24+49 Elev. 888.295
 Scale: Hor: 1" = 20'
 Vert: 1" = 5'

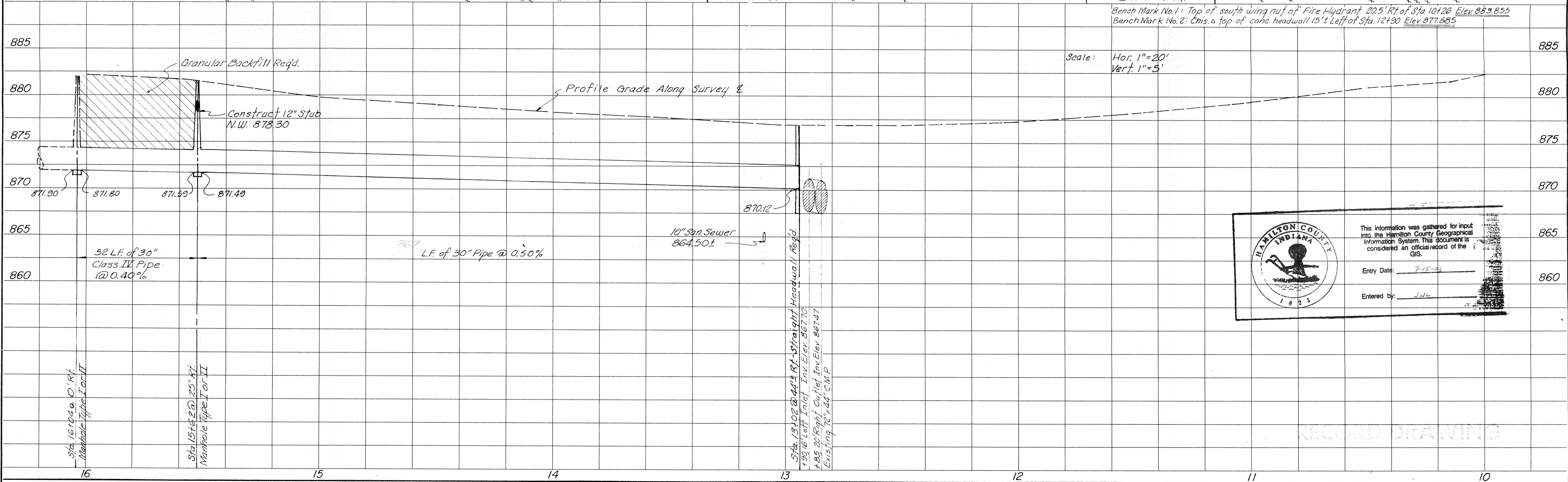
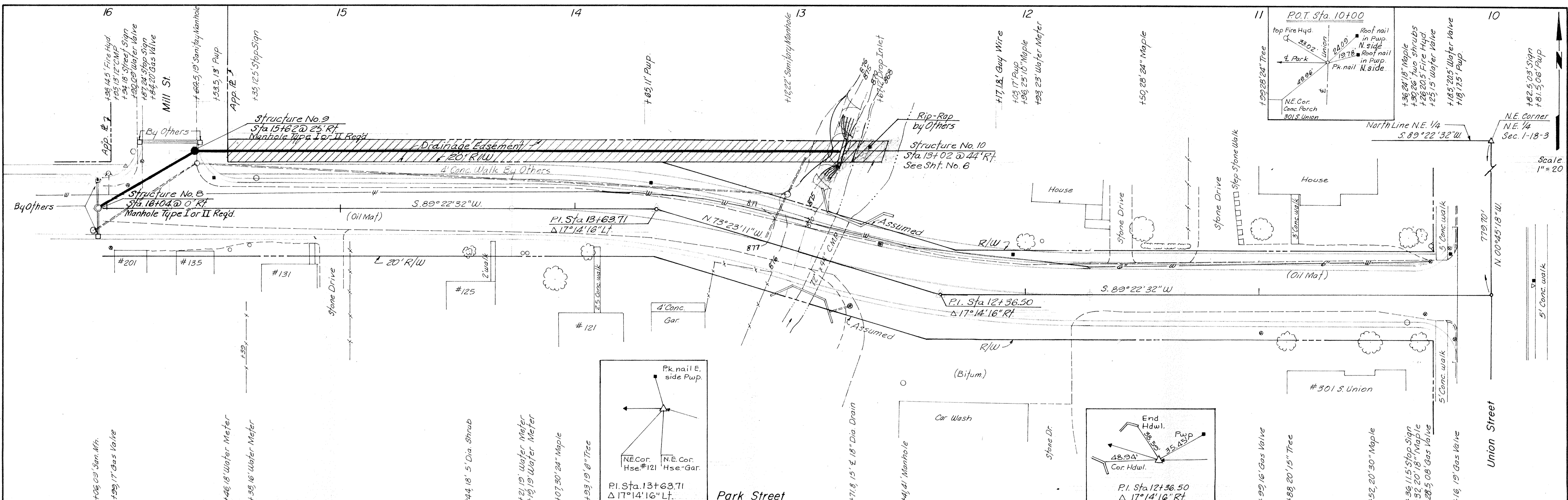


This information was gathered from the Hamilton County Geographic Information System. This data is considered an official record of GIS.

Entry Date: 9-15-03
 Entered by: JLL

SYMBOL			REVISIONS			BY			DATE			APPROVED		

DRAWING STATUS	DESIGNED <i>d.l.f.</i>	HNTB HOWARD NEEDLES TAMMEN & BERGENDOFF	JOB NO. 5434-21-00	TOWN OF WESTFIELD, INDIANA PARK STREET IMPROVEMENTS	SHEET NO. 4
DRAWN <i>r.l.j.</i>	HENRY B. STEEG & ASSOCIATES DIVISION				
CHECKED <i>d.l.f.</i>	ARCHITECTS ENGINEERS PLANNERS				
APPROVED <i>j.e.k.</i>	3333 FOUNDERS LANE, INDIANAPOLIS, INDIANA 46268				
DATE: 9/15/03		DATE: 9/15/03		DATE: 9/15/03	



HAMILTON COUNTY INDIANA

This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

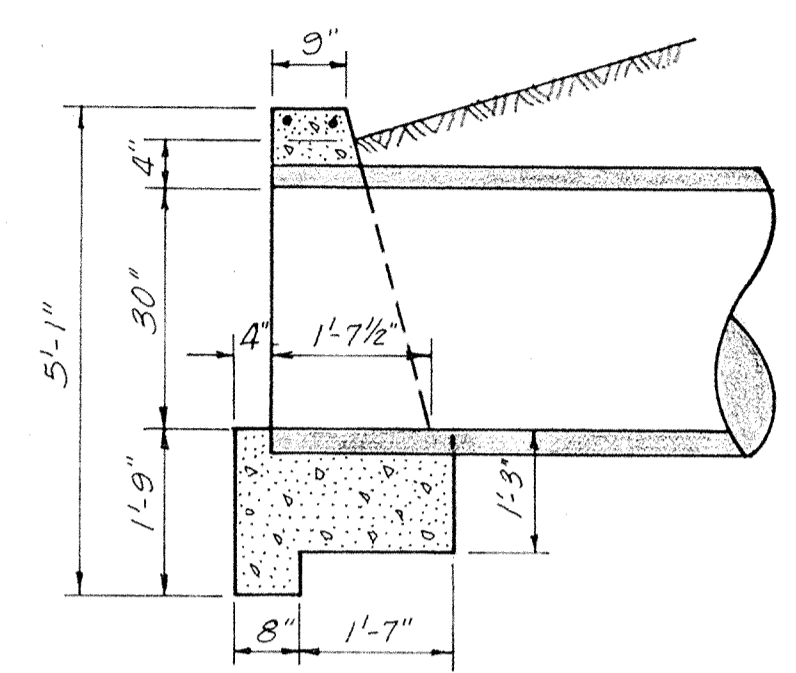
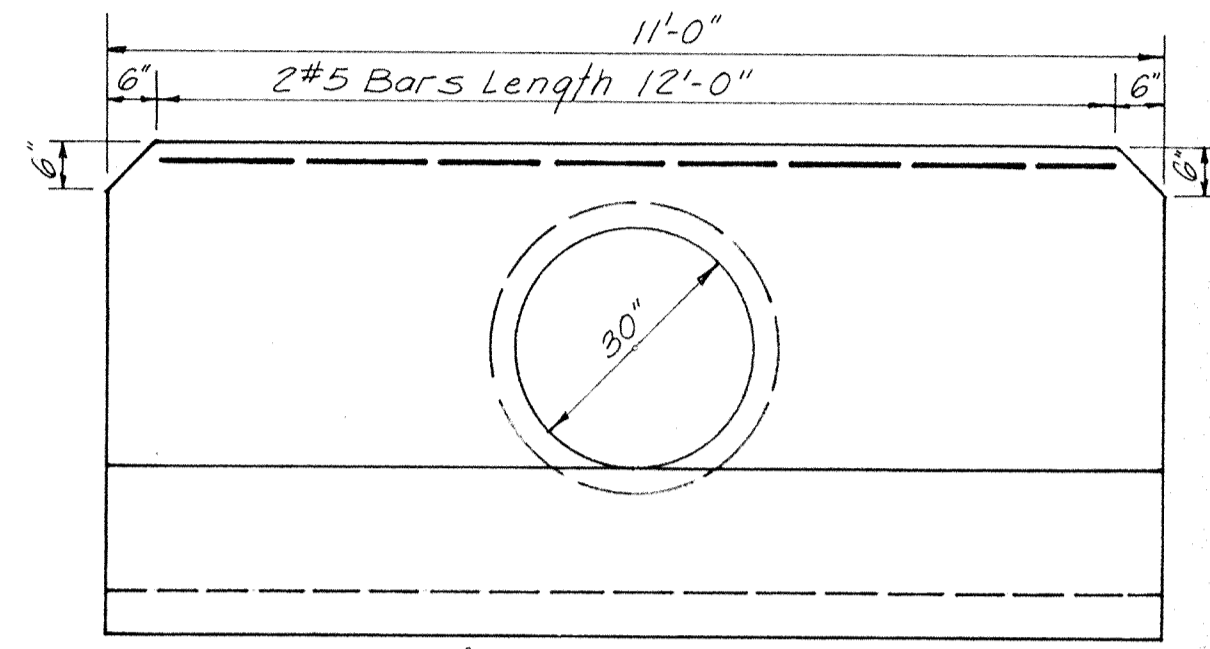
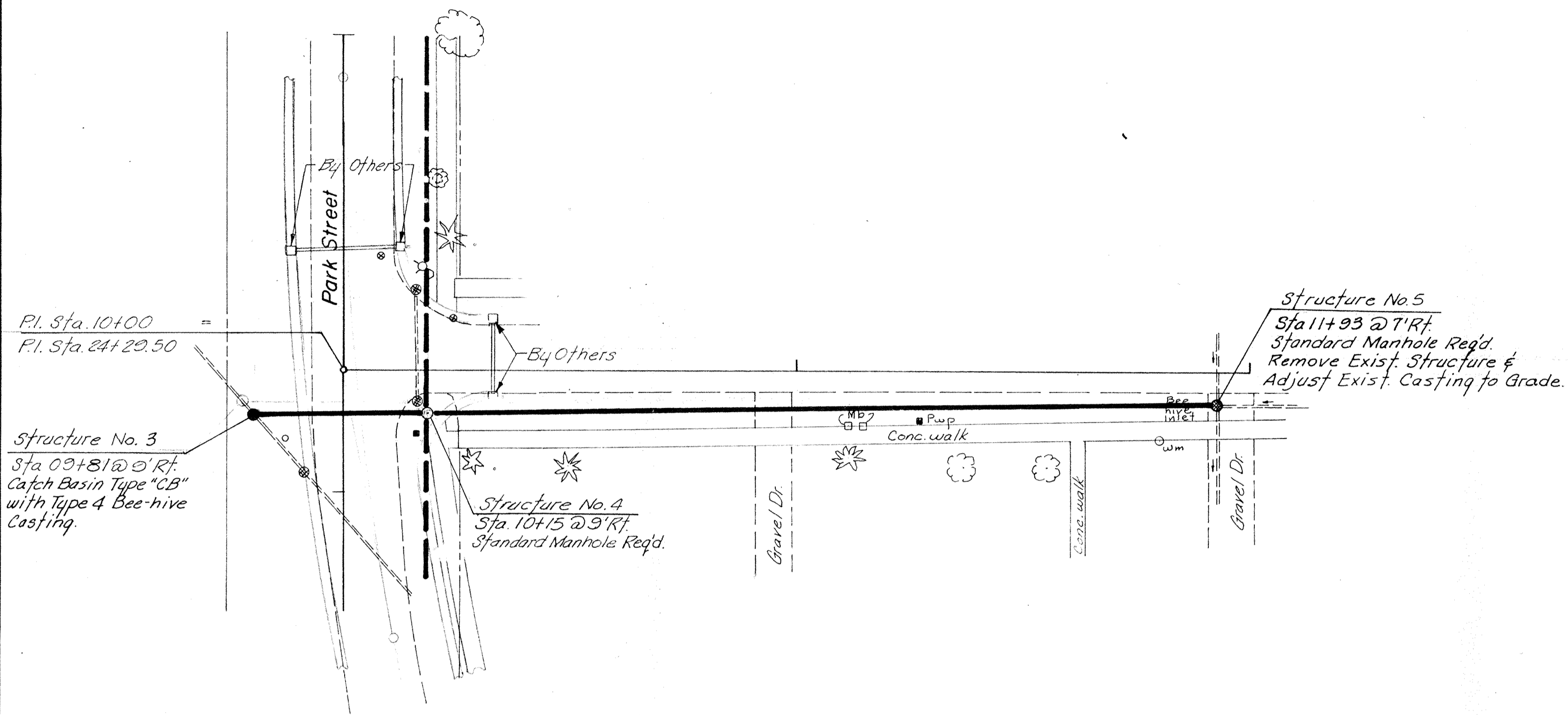
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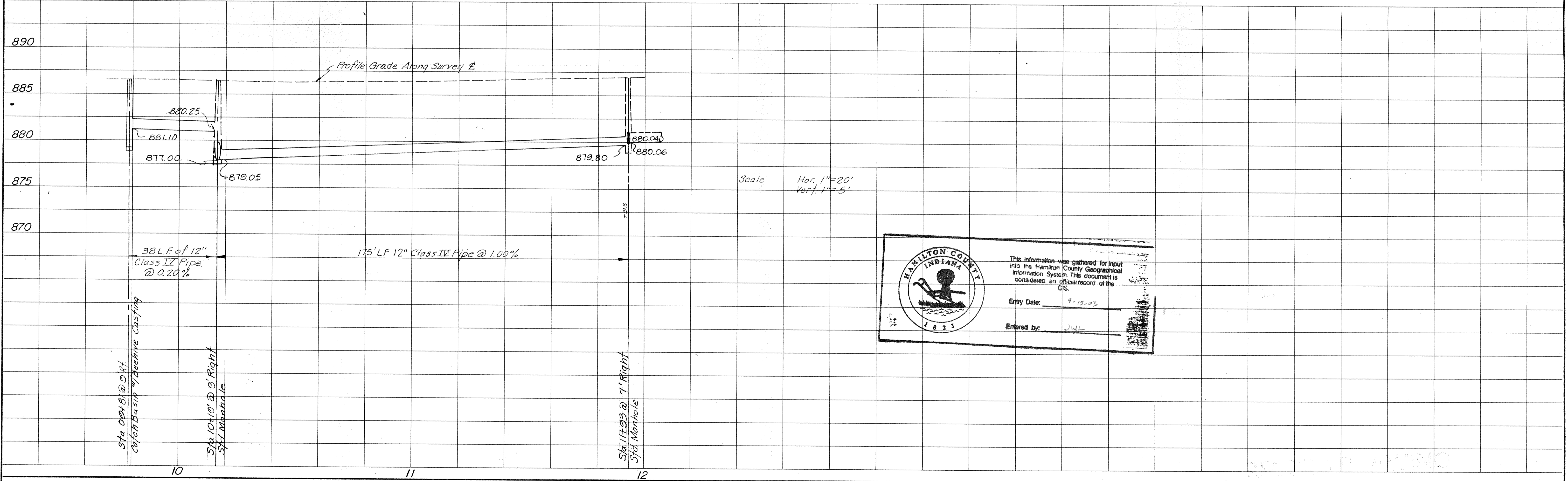
DESIGNED	djt	HOWARD NEEDLES TAMMEN & BERGENDOFF HNTB HENRY B. STEEG & ASSOCIATES DIVISION ARCHITECTS ENGINEERS PLANNERS 3333 FOUNDERS LANE, INDIANAPOLIS, INDIANA 46268	JOB NO.	5434-21-00
DRAWN	r.l.j.		DATE	Sept. 79
CHECKED	djt			
APPROVED	j.e.k.			

TOWN OF WESTFIELD, INDIANA		SHEET NO.
PARK STREET IMPROVEMENTS		
DIV. I	STORM SEWERS	5
PLAN & PROFILE		5 of 9

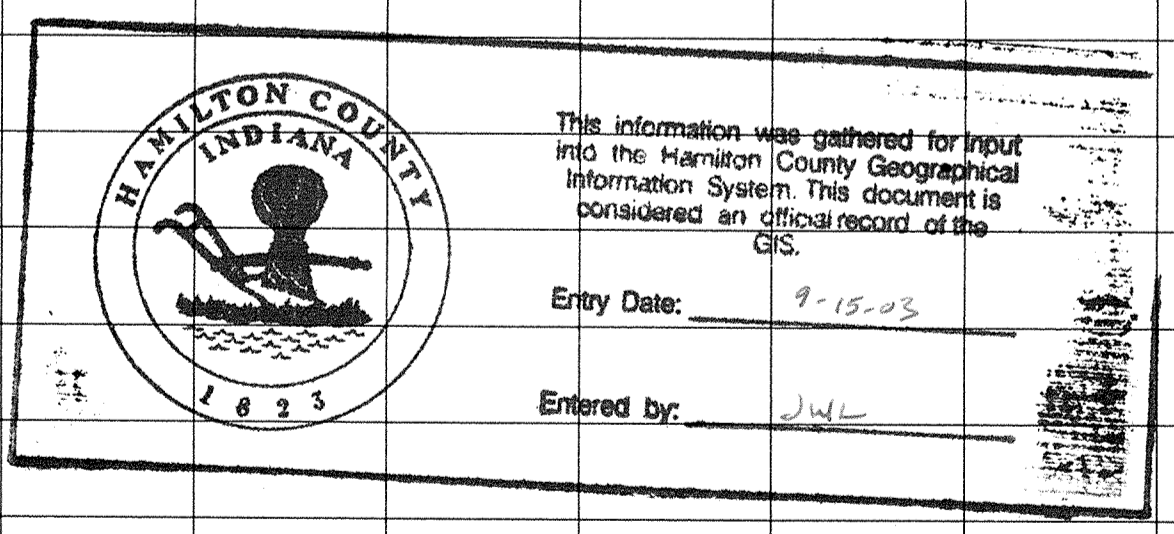


Structure No. 10
STRAIGHT HEADWALL DETAIL
Scale 1/2"=1'-0"

Poplar Street



Scale Hor. 1"=20'
Vert. 1"=5'



SYMBOL	REVISIONS	BY	DATE	APPROVED	SYMBOL	REVISIONS	BY	DATE	APPROVED

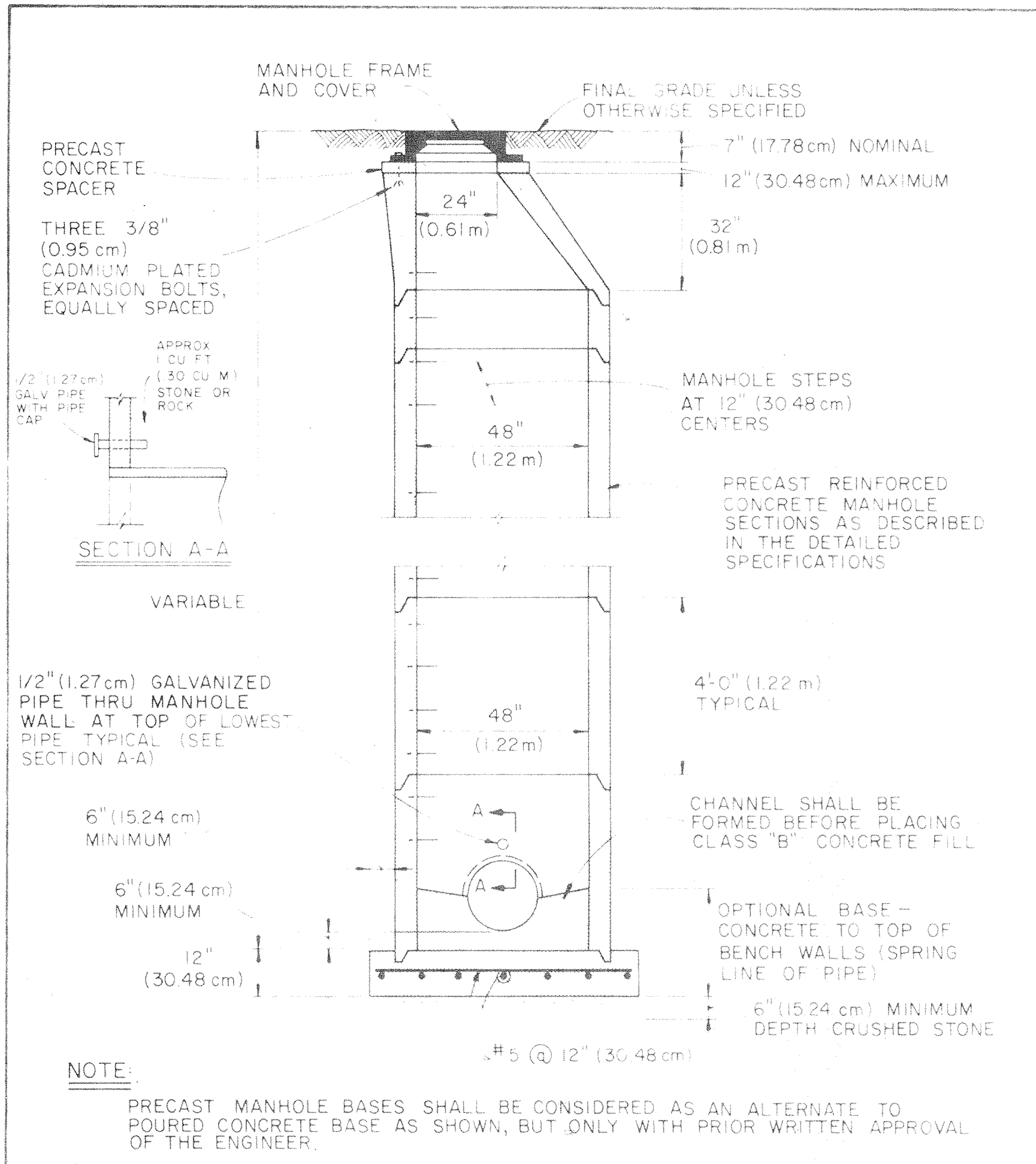
Hamilton County Surveyor's Office
No. 17337
DATE: 9/24/79 BY: [Signature]

DRAWING STATUS
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 CHECKED dit
 APPROVED jek

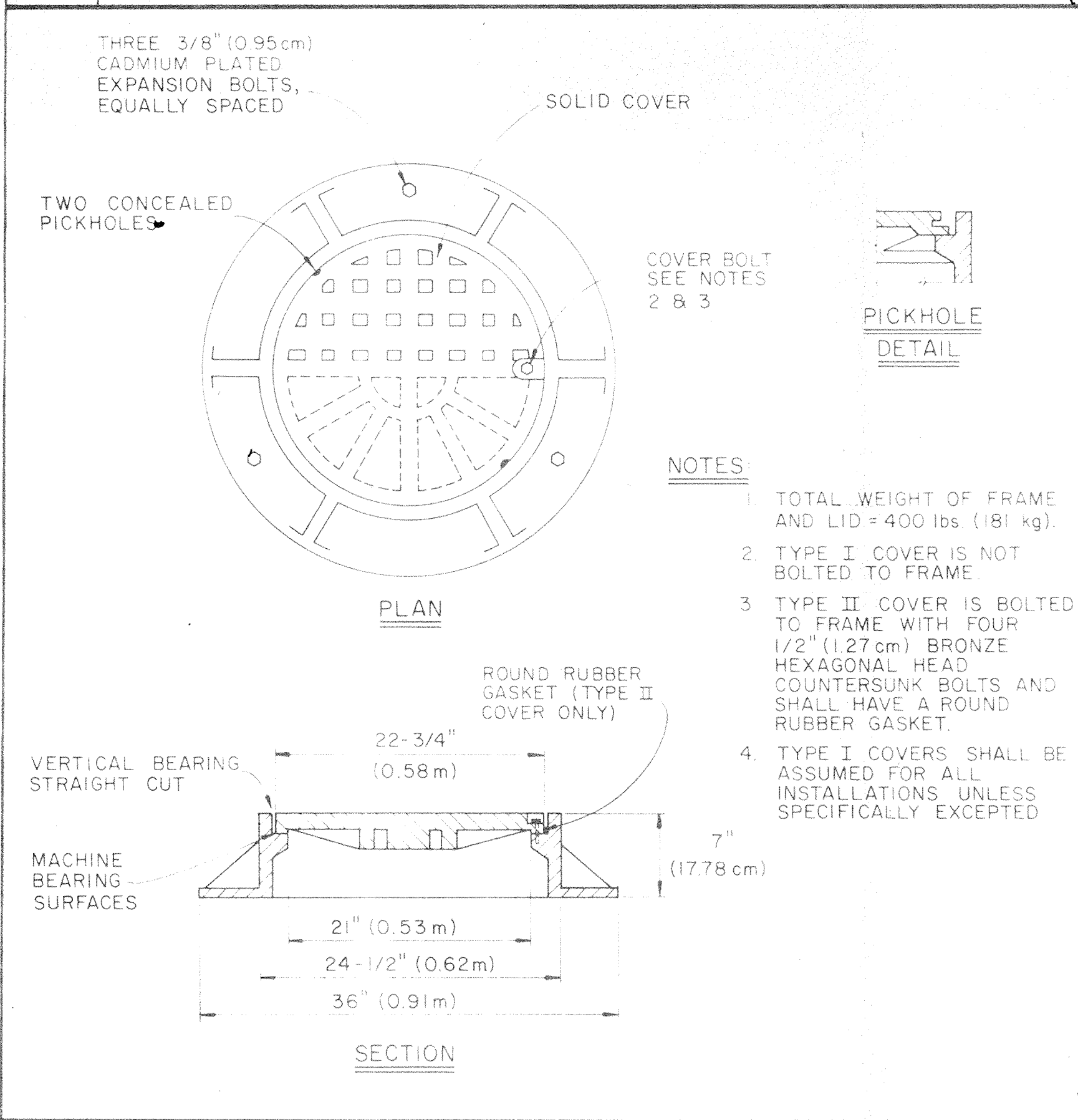
HOWARD NEEDLES TAMMEN & BERGENDOFF HNTB
 HENRY B. STEEG & ASSOCIATES DIVISION
 ARCHITECTS ENGINEERS PLANNERS
 3333 FOUNDERS LANE, INDIANAPOLIS, INDIANA 46269

JOB NO. 5434-21-00
 TOWN OF WESTFIELD, INDIANA
 PARK STREET IMPROVEMENTS
 DIV. I STORM SEWERS
 PLAN & PROFILE

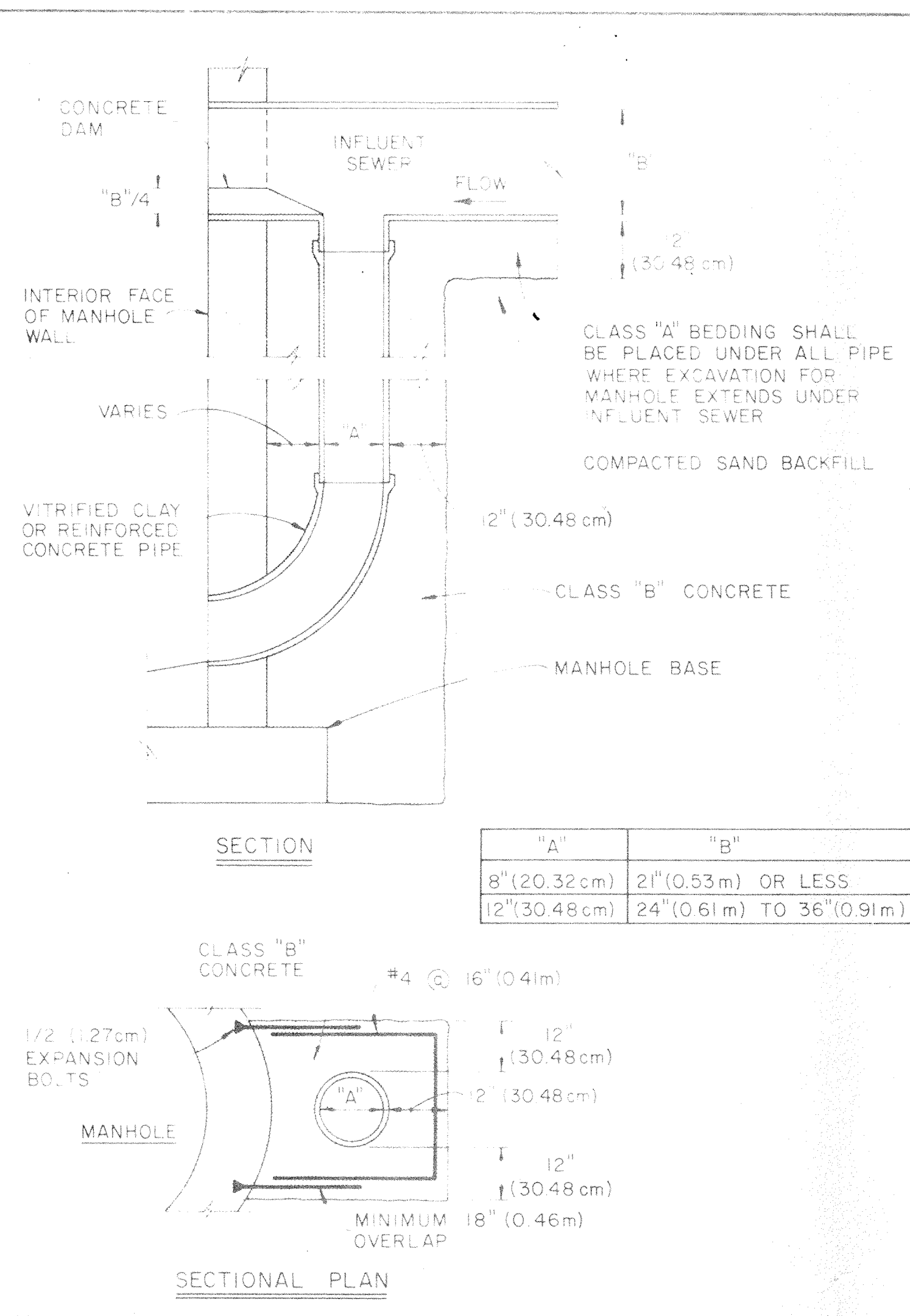
DATE: Sep. 19
 SHEET NO. 6
 6 of 9



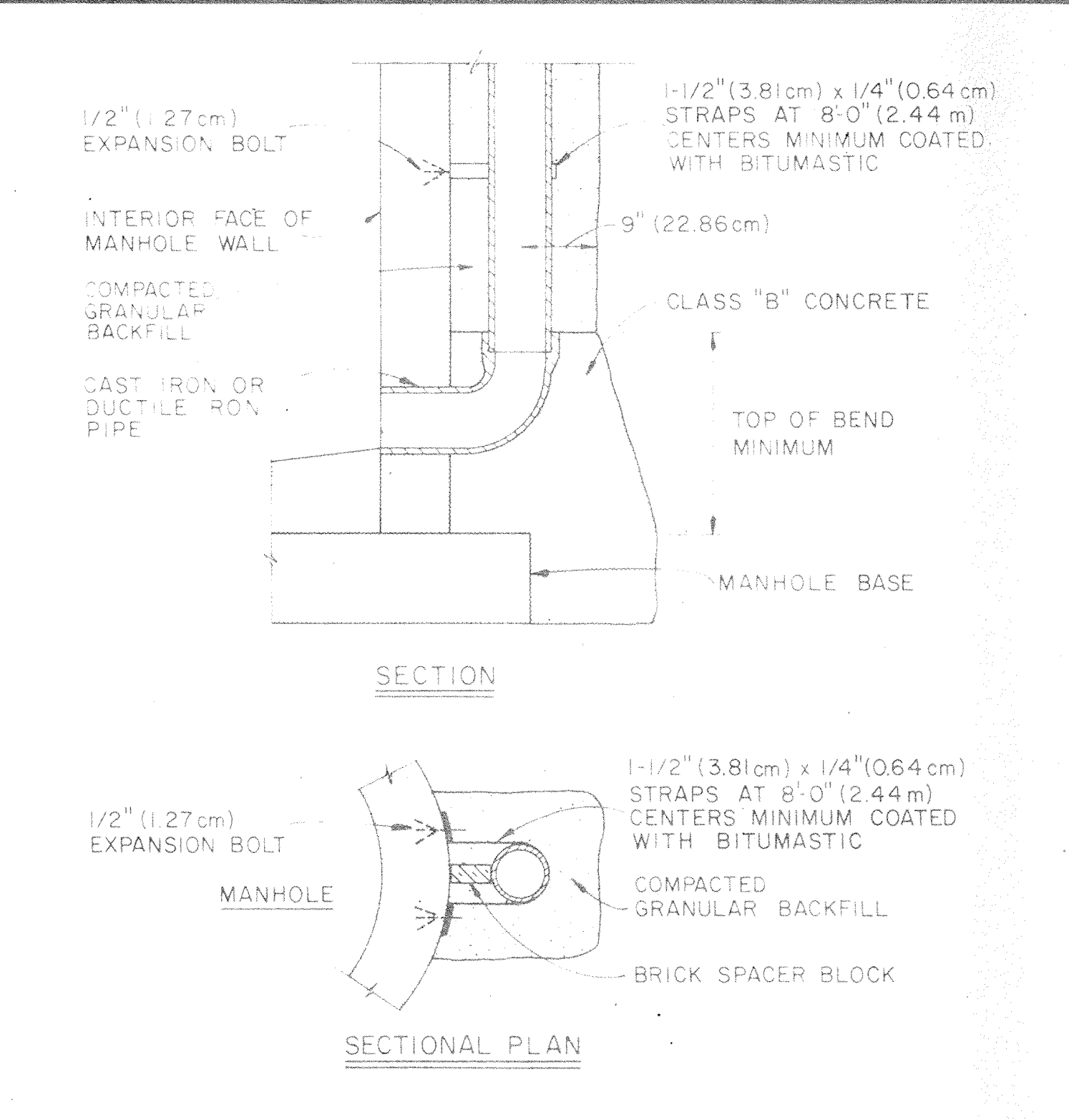
1 STANDARD MANHOLE DETAIL



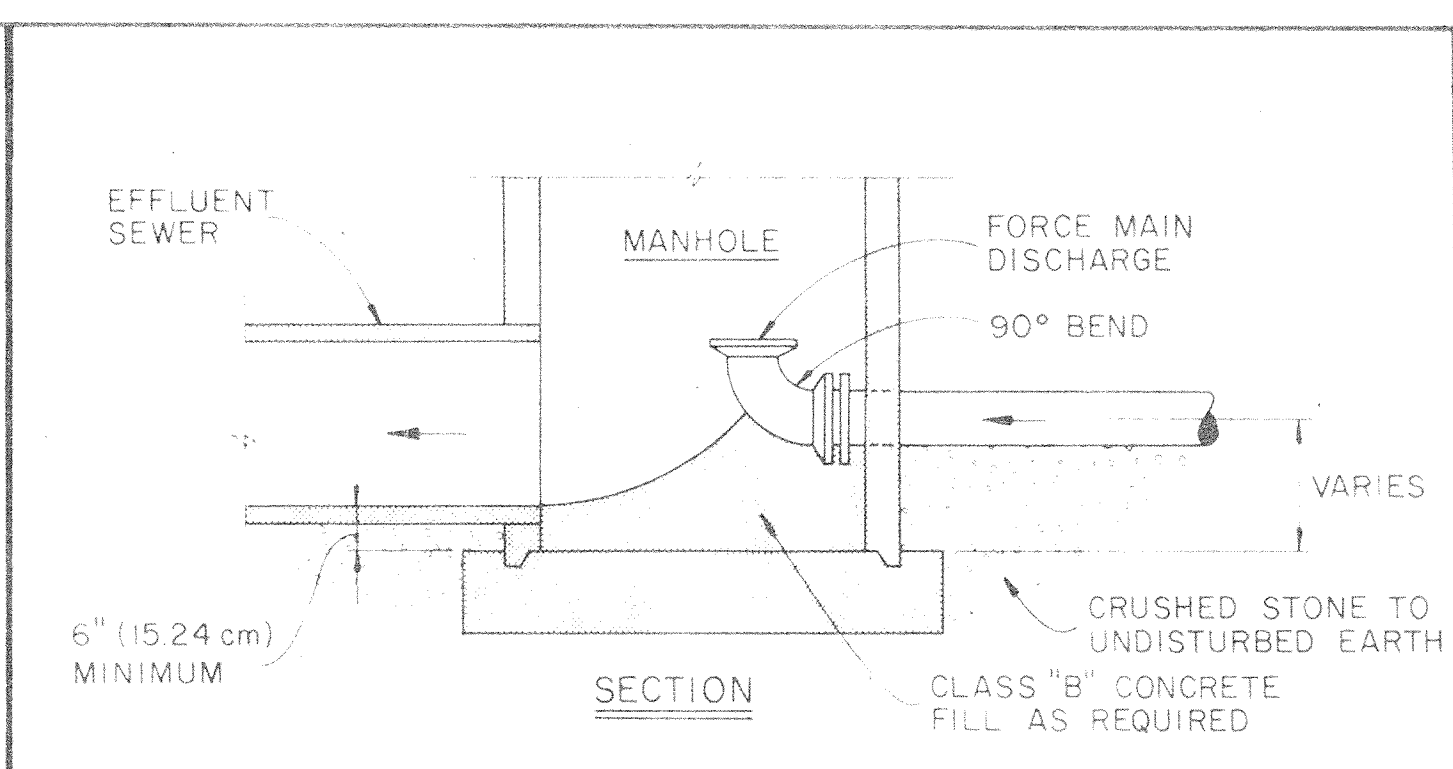
2 MANHOLE FRAME AND COVER DETAILS



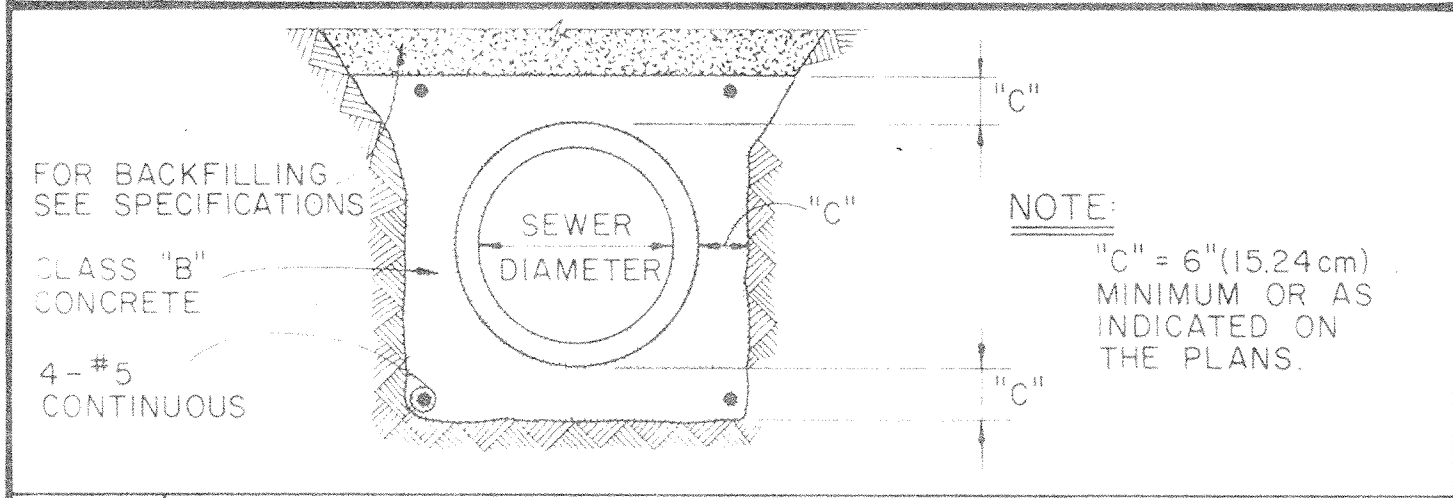
3 DROP PIPE DETAILS (Not Applicable)



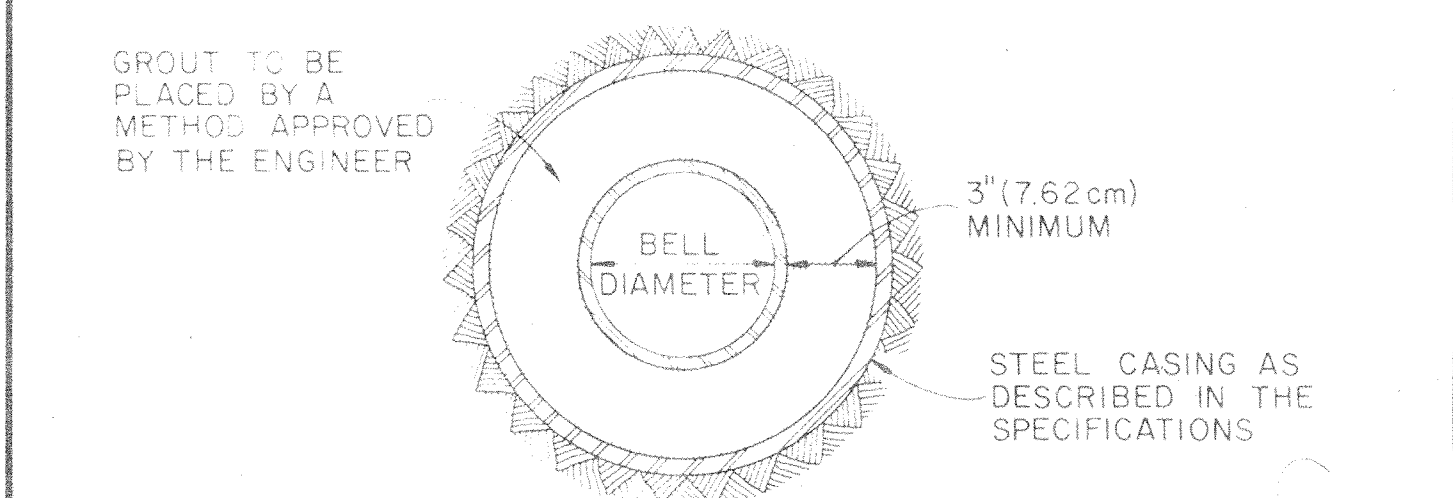
4 ALTERNATE DROP PIPE DETAILS (Not Applicable)



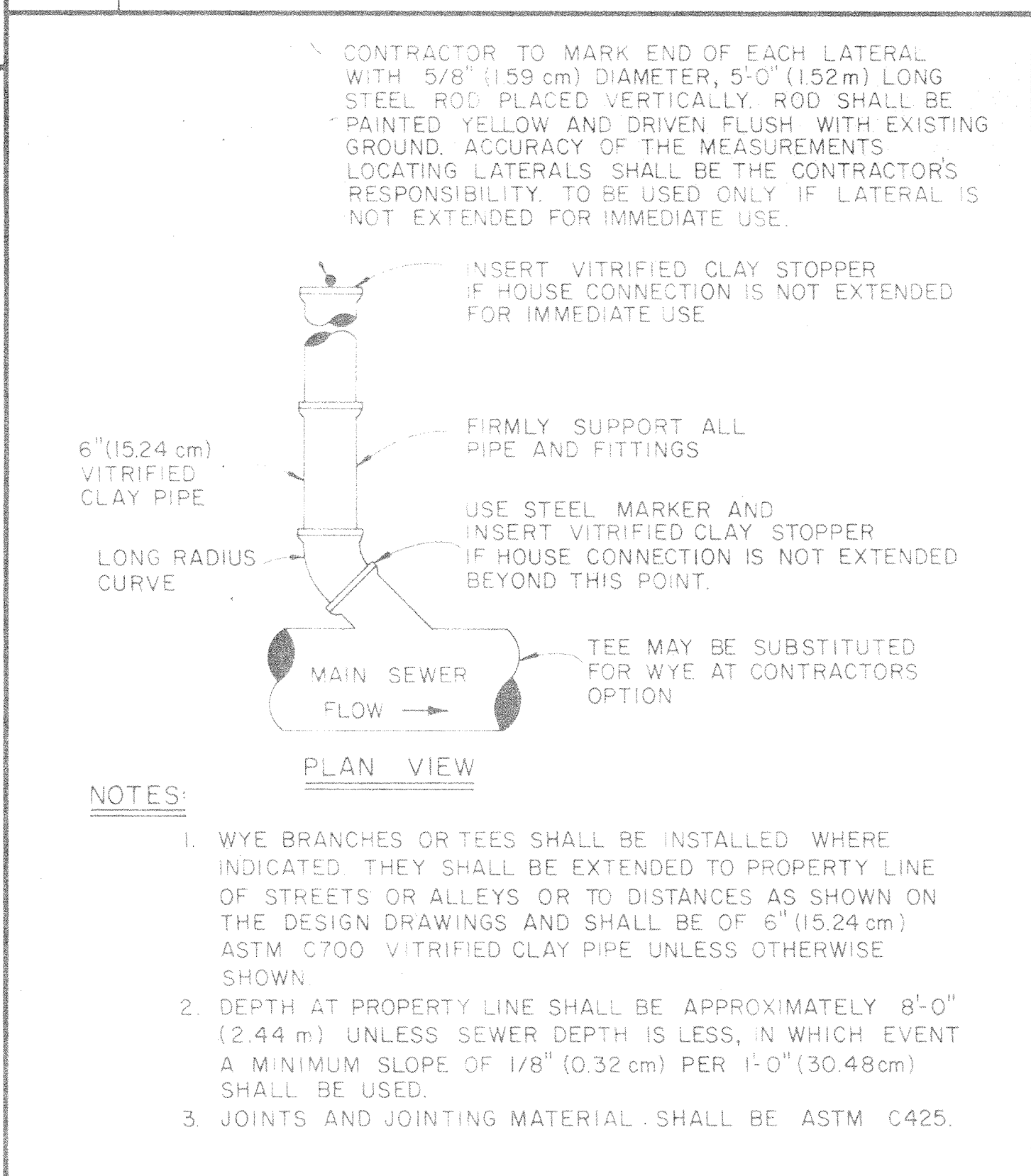
5 FORCE MAIN DISCHARGE DETAIL (Not Applicable)



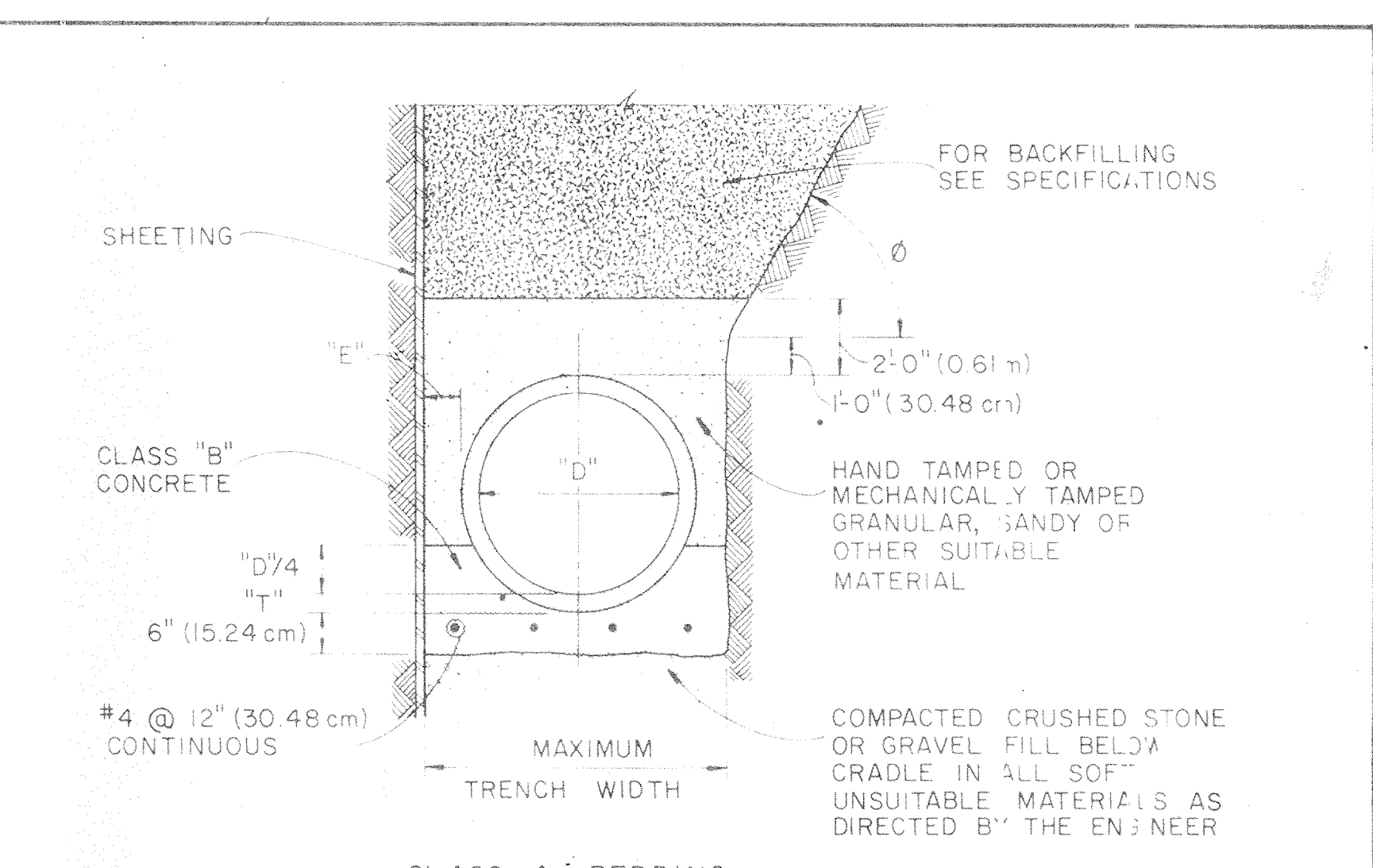
6 CONCRETE ENCASEMENT DETAIL (Not Applicable)



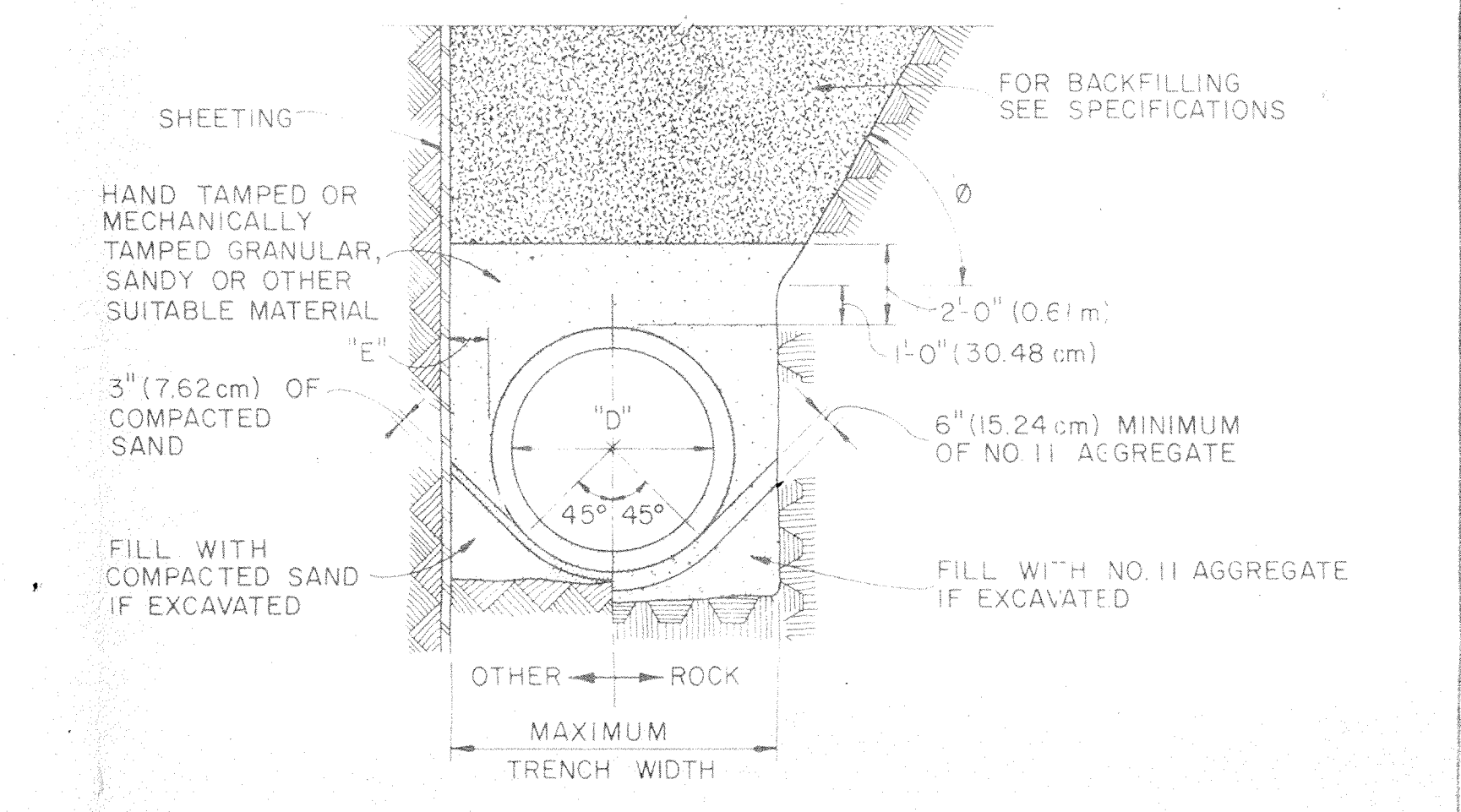
7 JACKING AND BORING DETAIL (Not Applicable)



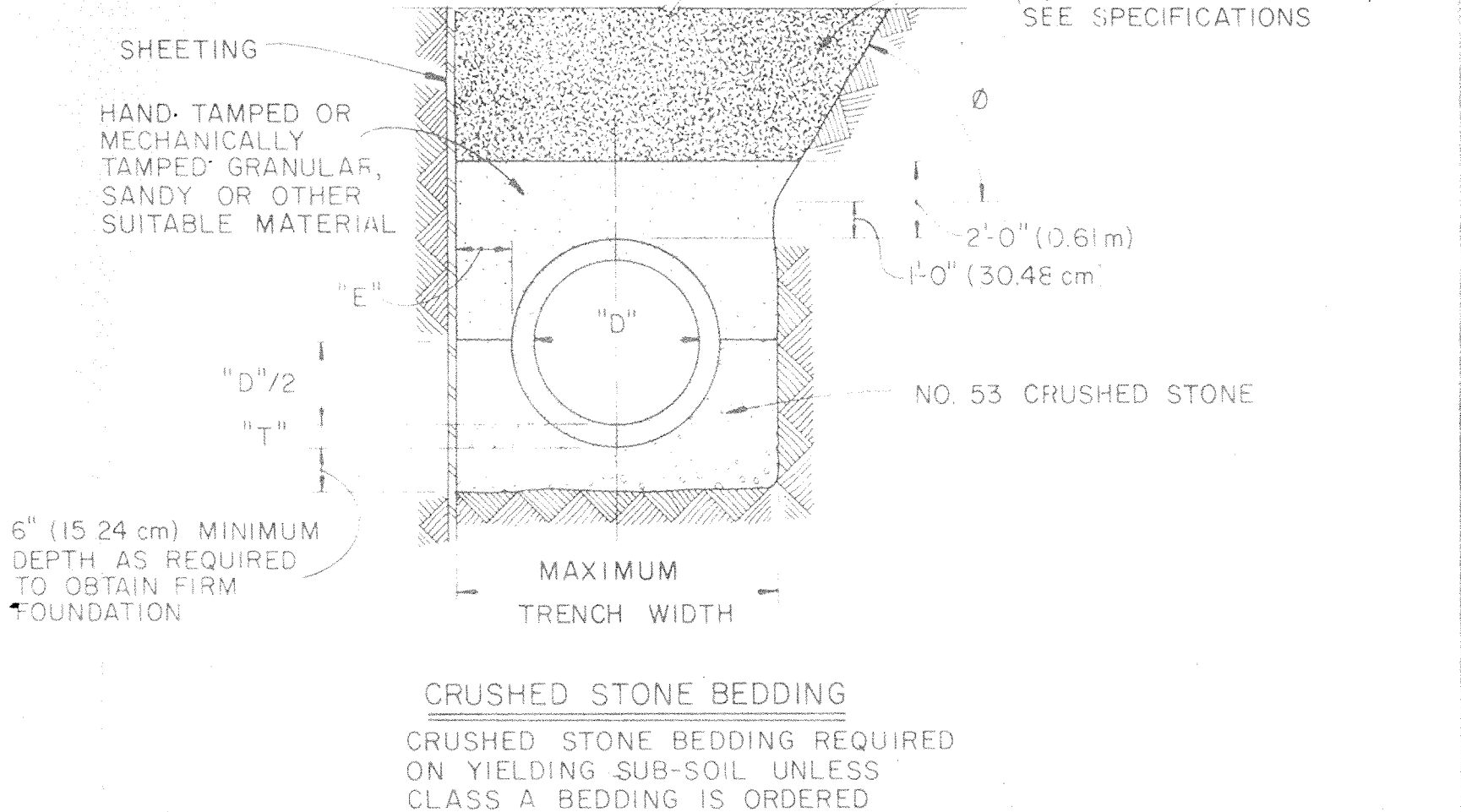
8 HOUSE SERVICE CONNECTION (Not Applicable)



CLASS A BEDDING
TYPICAL SECTIONS TO BE USED IN SOFT AND UNSUITABLE FOUNDATIONS AS DIRECTED BY THE ENGINEER DURING CONSTRUCTION

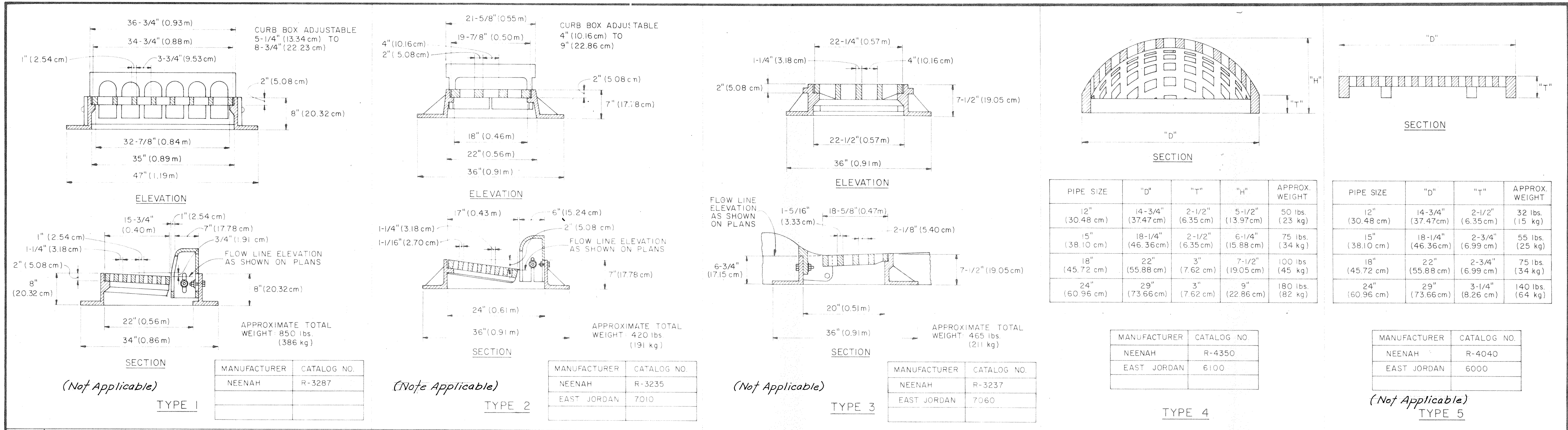


CLASS B BEDDING
TYPICAL SECTIONS IN FIRM FOUNDATIONS

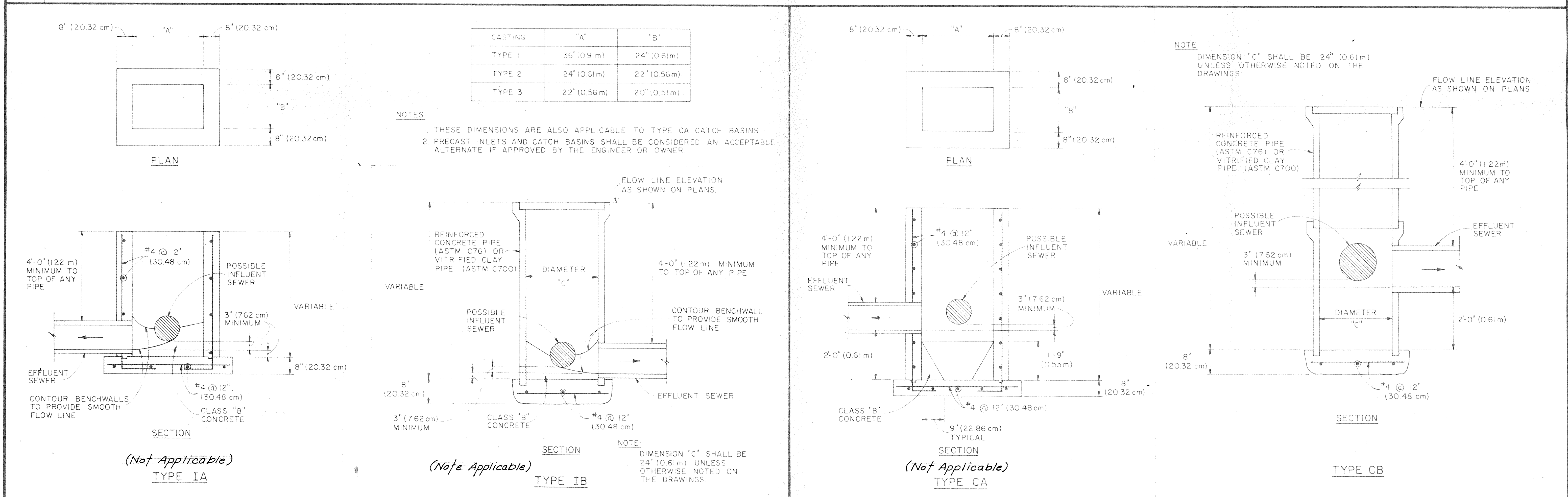


CRUSHED STONE BEDDING
CRUSHED STONE BEDDING REQUIRED ON YIELDING SUB-SOIL UNLESS CLASS A BEDDING IS ORDERED

SYMBOL	REVISIONS	BY	DATE	APPROVED	SYMBOL	REVISIONS	BY	DATE	APPROVED	DRAWING STATUS	DESIGNED	DRAWN	CHECKED	APPROVED	DRAWING STATUS	DESIGNED	DRAWN	CHECKED	APPROVED	JOB NO.	TOWN OF WESTFIELD, INDIANA PARK STREET IMPROVEMENTS	SHEET NO.
											dit	rli	dit	jek		dit	rli	dit	jek	5434-21-00	STORM SEWERS	7
																					STANDARD DETAILS	7 of 0



1 CASTINGS



2 INLETS **3 CATCH BASINS**

RECORD DRAWING

SYMBOL	REVISIONS	BY	DATE	APPROVED	SYMBOL	REVISIONS	BY	DATE	APPROVED

NO. 17337
HENRY B. STEEG
STATE OF INDIANA

DRAWING STATUS

DESIGNED *dlt*

DRAWN *rlj*

CHECKED *dlt*

APPROVED *jek*

HOWARD NEEDLES TAMMEN & BERGENDOFF **HNTB**

HENRY B. STEEG & ASSOCIATES DIVISION

ARCHITECTS ENGINEERS PLANNERS

JOB NO. 5434-21-00

DATE *Sept. 19*

TOWN OF WESTFIELD, INDIANA

PARK STREET IMPROVEMENTS

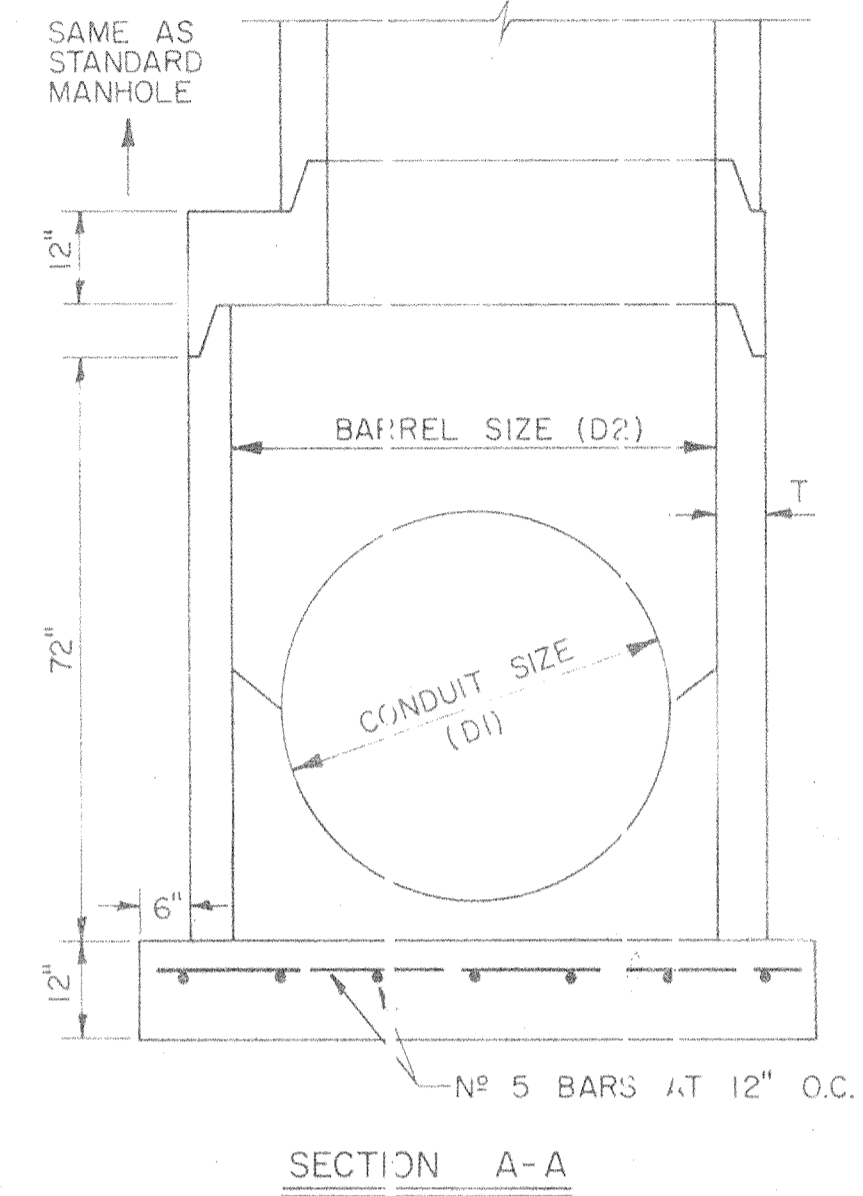
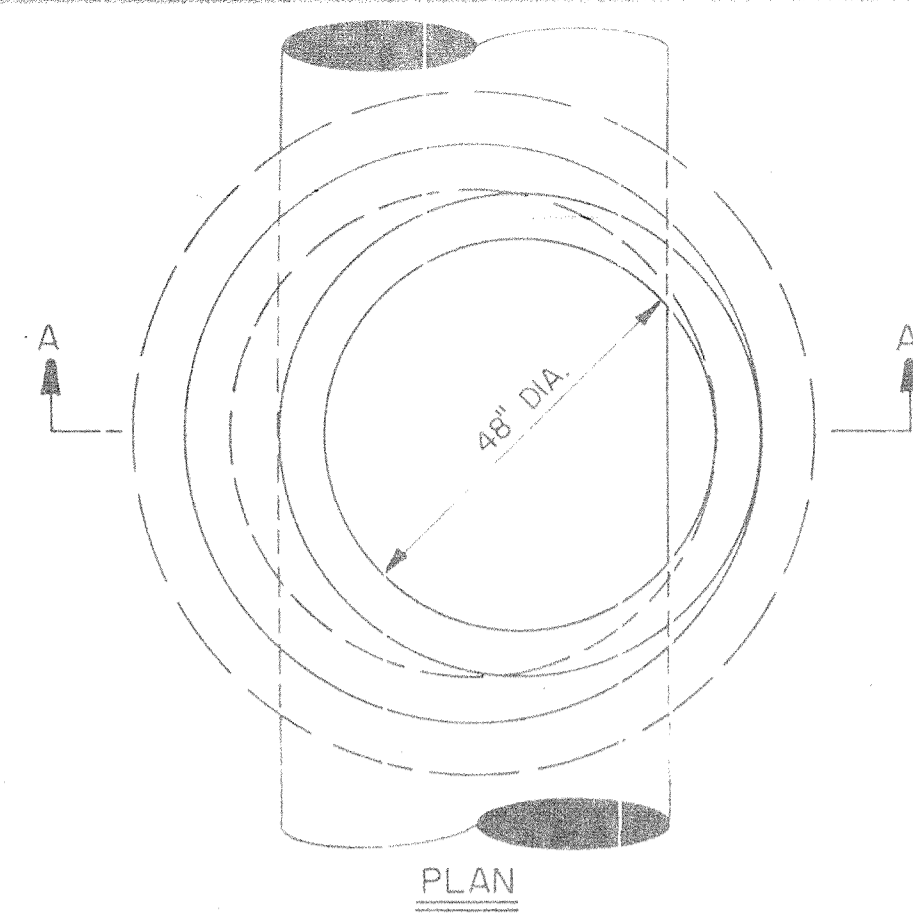
DIV. I STORM SEWERS

STANDARD DETAILS

SHEET NO. **8**

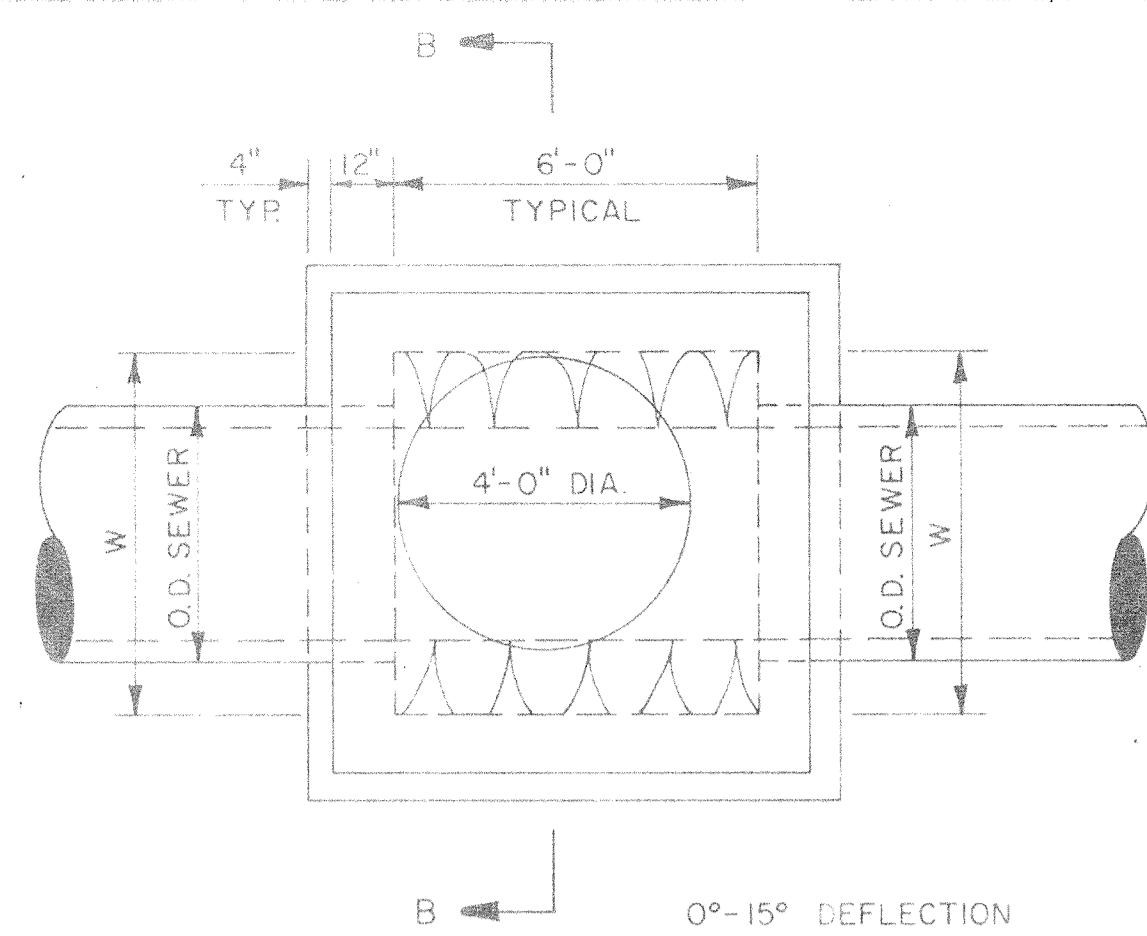
8 of 9

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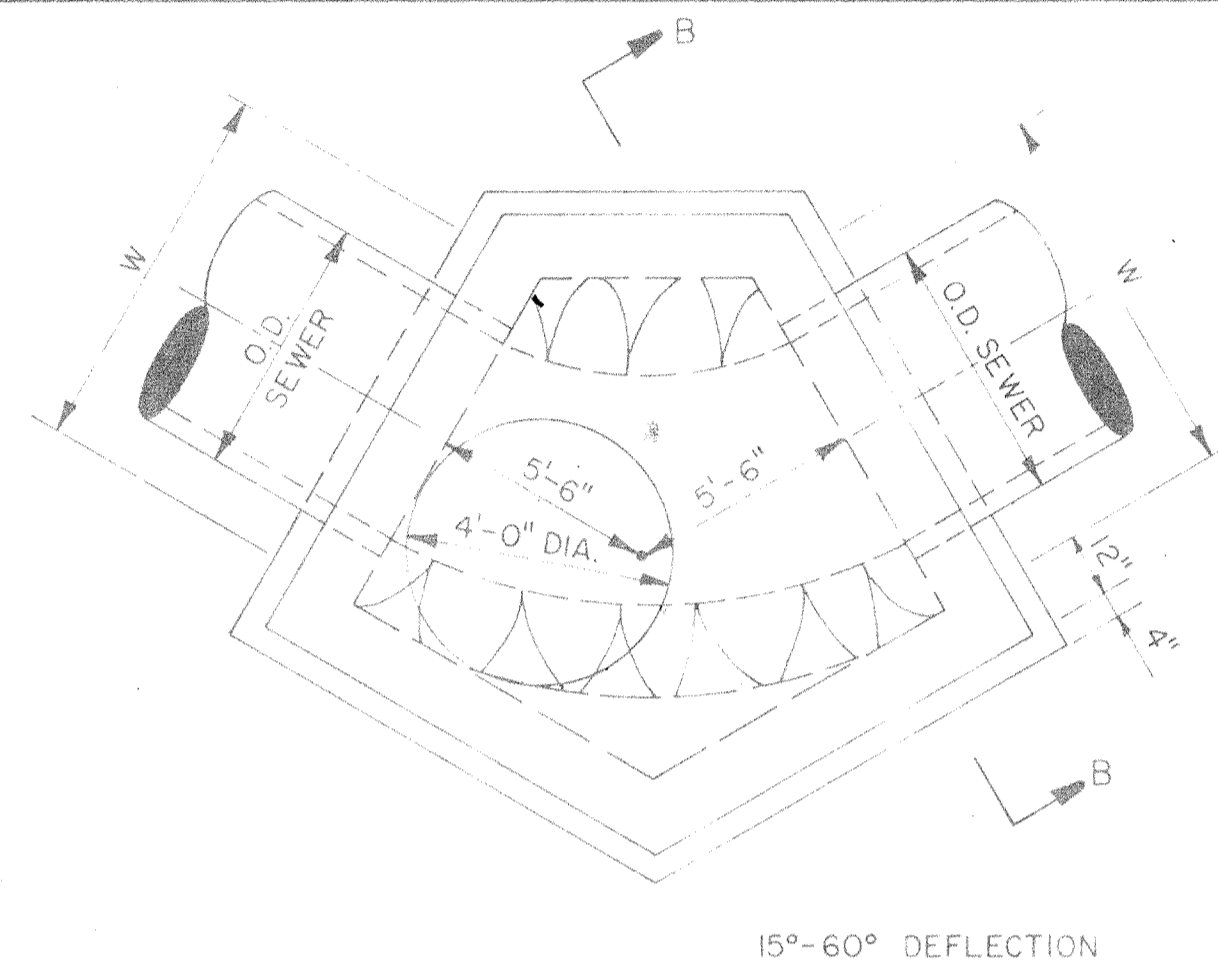


CONDUIT SIZE (D1)	DEFLECTION	BARREL SIZE (D2)	T
27"-36"	0°-90°	60"	6"
27"-42"	0°-45°	60"	6"
48"	0°-45°	72"	7"
54"	0°-45°	84"	7"
48"-54"	45°-90°	96"	7"

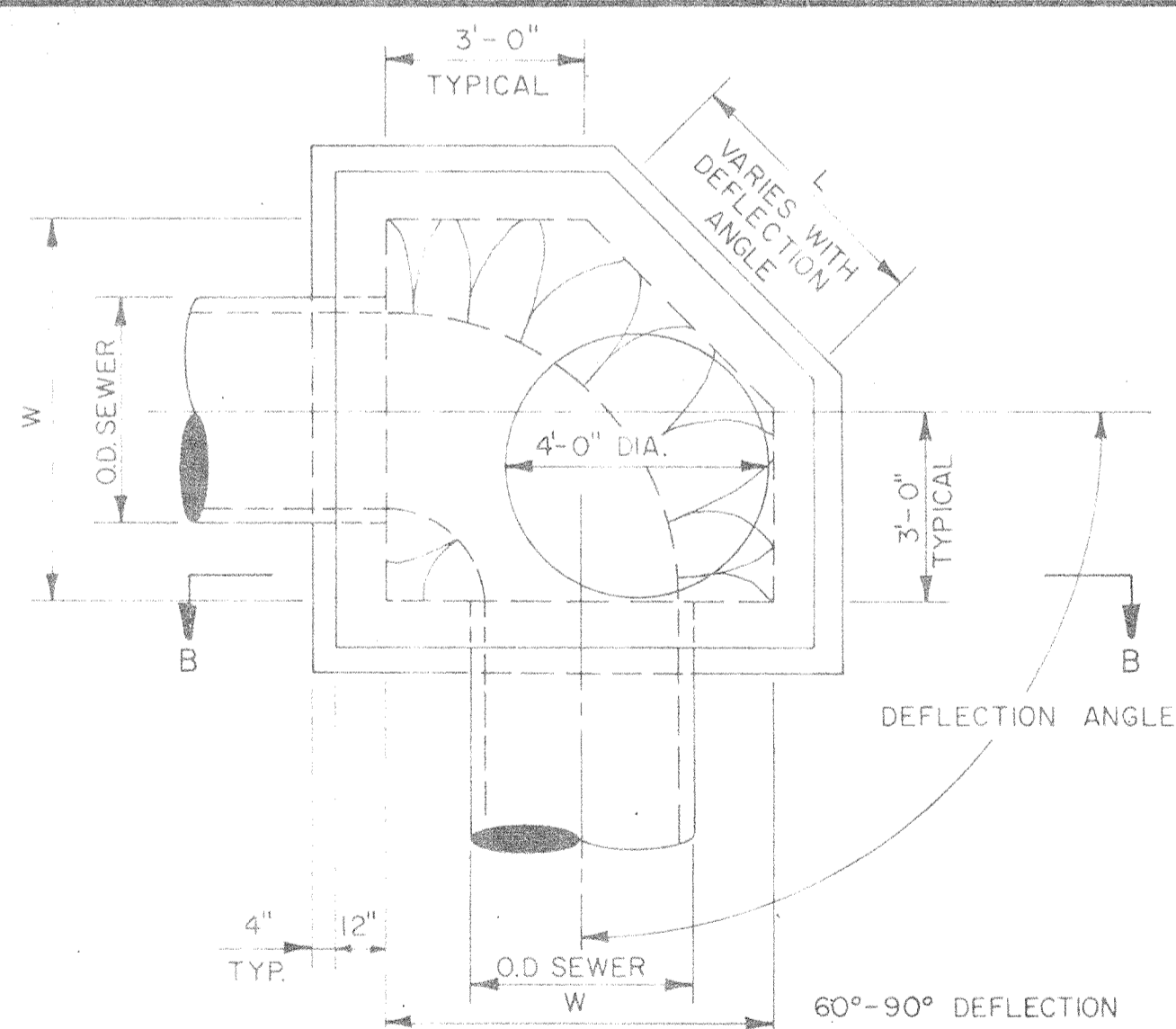
1 TYPE I MANHOLE STRUCTURE



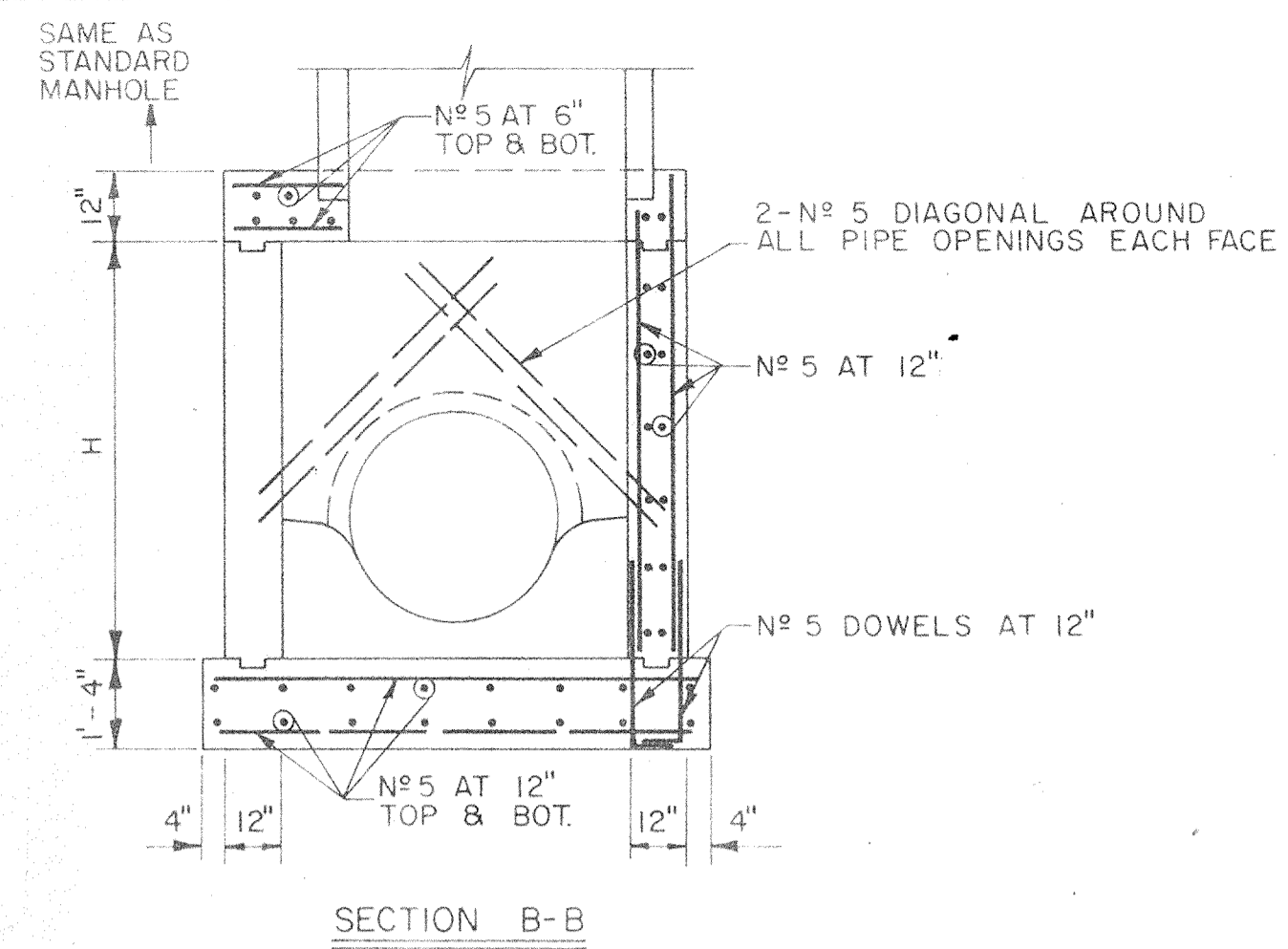
2 TYPE II MANHOLE STRUCTURE



3 TYPE III MANHOLE STRUCTURE
(Not Applicable)



4 TYPE IV MANHOLE STRUCTURE
(Not Applicable)



5 TYPE II, III & IV MANHOLE STRUCTURES
TYPICAL SECTION

CONDUIT SIZE	W	H
27"	6'-0"	6'-0"
30"	6'-6"	6'-0"
36"	7'-0"	6'-0"
42"	7'-6"	6'-0"
48"	8'-0"	6'-6"
54"	8'-6"	7'-0"
60"	9'-0"	7'-6"
66"	10'-0"	8'-0"
72"	10'-0"	8'-6"
84"	11'-6"	9'-0"

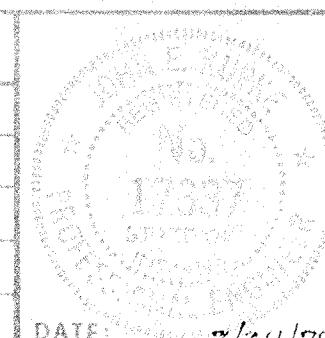
6 TYPE II, III & IV MANHOLE STRUCTURE DATA

CONDUIT SIZE	DEFLECTION	STRUCTURE TYPE OPTIONS
≤ 24"	0°-90°	STANDARD MANHOLE
≤ 30"	0°-15°	STANDARD MANHOLE
27"-36"	0°-90°	TYPE: I, II, III, IV
36"-42"	0°-45°	TYPE: I, II, III
48"-54"	0°-45°	TYPE: I, II, III
48"-54"	45°-90°	TYPE: I, III, IV
60"-84"	0°-15°	TYPE: II
60"-84"	15°-60°	TYPE: III
60"-84"	60°-90°	TYPE: IV

7 MANHOLE STRUCTURE SCHEDULE

RECORD DRAWING.

SYMBOL	REVISIONS	BY	DATE	APPROVED	SYMBOL	REVISIONS	BY	DATE	APPROVED



DRAWING STATUS	
DESIGNED	dlf
DRAWN	rlj
CHECKED	dlf
APPROVED	jek

HOWARD NEEDLES TAMMEN & BERGENDOFF HNTB
HENRY B. STEEG & ASSOCIATES DIVISION
ARCHITECTS ENGINEERS PLANNERS

JOB NO. 5434-21-00
DATE Sept 79

TOWN OF WESTFIELD, INDIANA PARK STREET IMPROVEMENTS		SHEET NO. 9
DIV. I	STORM SEWERS	
STANDARD DETAILS		9099

CONSTRUCTION NOTES

- REFER TO SHEET S2 OF S6 FOR DEMOLITION AND/OR GRADING PLAN.
- MAXIMUM SLOPE FOR HANDICAPPED RAMP SHALL NOT EXCEED 5%. PROVIDE PAINTED HANDICAPPED SYMBOL IN DESIGNATED PARK.
- EXISTING ELEVATIONS TAKEN FROM SURVEY BY: SCHNEIDER ENGINEERING CORP. DATE: FEBRUARY 5, 1988
- SPALDING SITE LIGHTING PACKAGE(S) TO BE FURNISHED BY OWNER AND INSTALLED UNDER SPECIFICATIONS, SECTION 16A ELECTRICAL.
 - PACKAGE NO. 1
 - (1) LBS-250-25 HPS W/LAMP
 - (1) BRACKET 215-B
 - PACKAGE NO. 2
 - (1) LBS-250-25 HPS W/LAMP
 - (1) LBS-250-25 SMH W/LAMP
 - (1) BRACKET 215-B2
 - (1) POLE-24 SOST
 - PACKAGE NO. 3
 - (1) BRACKET 215-B3
 - (1) LBS-250-25 HPS W/LAMP
 - (2) LBS-400-45 SMH W/LAMP
 - (1) POLE-26 SOST
 - PACKAGE NO. 4
 - (1) LBS-250-25 HPS W/LAMP
 - (1) LBS-400-45 SMH W/LAMP
 - (1) BRACKET 215-B2
 - (1) POLE-24 SOST
 - PACKAGE NO. 5
 - (2) LBS-400-45 SMH W/LAMP
 - (1) LBS-400-22 HPS W/LAMP
 - (1) BRACKET 215-B3
 - (1) POLE 26 SOST
 - PACKAGE NO. 10
 - (2) OA-1000-M-15 W/LAMP
 - (1) LBS-400-HPS-25 W/LAMP
 - (1) BRACKET 216-B3
 - (1) POLE 26 SOST
- CONTRACTOR TO VERIFY LOCATION OF UNDERGROUND UTILITIES BEFORE THE START OF CONSTRUCTION.
- REMOVE ALL BUILDINGS, FOUNDATIONS, SIDEWALKS, ECT... BACKFILL WITH "B" BORROW PER GRADING PLAN.
- PAVEMENT THICKNESS FOR PARKING LOT PER SOILS REPORT.
- RETENTION POND TO BE SODDED.

LEGEND

- LANDSCAPING
- NEW CONC. CURB
- NEW CONCRETE
- TILE
- SODDING
- SANITARY SEWER
- STORM SEWER
- WATER LINE
- GAS LINE

LOCATION

City: WESTFIELD
 Street Address: S.R.32, MAPLE, & US 31
 County: HAMILTON
 State: INDIANA
 Area: VI

SITE INFORMATION

PARKING SPACES REGULAR: 64
 HANDICAPPED: 2
 OTHER (SPECIFY TYPE): 0
 TOTAL: 66
 PARK SIZE: 9'x20', 10.4' x 20'
 LOT AREA: _____
 PAVED AREA: _____
 SEWER SERVICE: CITY OF WESTFIELD
 WATER SERVICE: CITY OF WESTFIELD
 GAS SERVICE: WESTFIELD GAS CO.
 ELECTRICAL SERVICE: PUBLIC SERVICE INDIANA
 FRONT SETBACK: 60'
 RIGHT SETBACK: 20'
 REAR SETBACK: 60'
 LEFT SETBACK: 60'
 SIGN: BIG MONUMENT TYPE

REVISIONS

DATE	BY	DESCRIPTION	CHK'D

Hardee's

HARDEE'S FOOD SYSTEMS, INC.
 ARCHITECTURE AND ENGINEERING DEPT.
 1233 N. CHURCH ST.
 ROCKY MOUNT, N. C. 27801
 PHONES: (919) 977-8666 (919) 977-2000

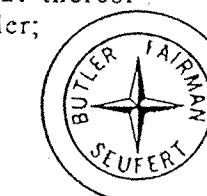
BUILDING MODEL NO "L-2"

SITE PLAN

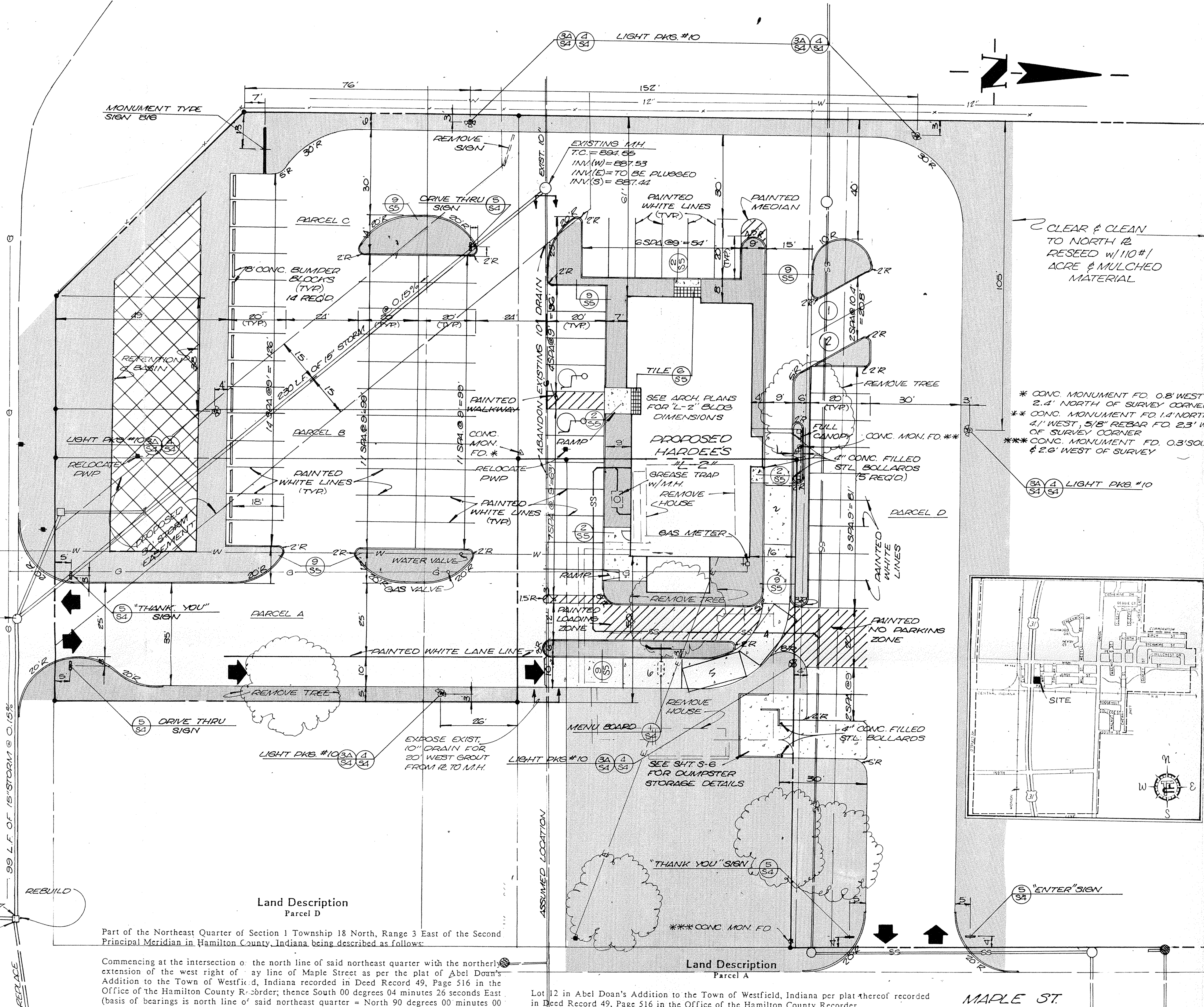
THESE DRAWINGS ARE THE PROPERTY OF HARDEE'S FOOD SYSTEMS, INC. 1233 N. CHURCH ST. ROCKY MOUNT, N. C. 27801, AND SHALL NOT BE USED, COPIED OR REPRODUCED WITHOUT WRITTEN PERMISSION FROM THE OWNER.

DRAWN BY: M MANG
 CHECKED BY: D HERENDEEN
 DATE: 2-3-88 SCALE: 1"=20'
 PROJ NO: 2202 SHEET NO: S-1

FILED
 MAR 7 1988
 HAMILTON COUNTY DRAINAGE BOARD
 SECRETARY



Butler Fairman and Seufert Inc.
 ENGINEERS



Land Description Parcel D
 Part of the Northeast Quarter of Section 1 Township 18 North, Range 3 East of the Second Principal Meridian in Hamilton County, Indiana being described as follows:

Commencing at the intersection of the north line of said northeast quarter with the northerly extension of the west right of way line of Maple Street as per the plat of Abel Doan's Addition to the Town of Westfield, Indiana recorded in Deed Record 49, Page 516 in the Office of the Hamilton County Recorder; thence South 00 degrees 04 minutes 26 seconds East (basis of bearings is north line of said northeast quarter = North 90 degrees 00 minutes 00 seconds East) along said northerly extension and along said west right of way line a distance of 260.00 feet to the Point of Beginning; thence continuing South 00 degrees 34 minutes 26 seconds East along said west right of way line a distance of 226.37 feet to the northeast corner of the tract of land described in a deed to Norma L. Robeson (Deed Record 276, Page 385); thence South 90 degrees 04 minutes 00 seconds West along the north line of said Robeson tract a distance of 165.07 feet to the northwest corner thereof; thence South 00 degrees 04 minutes 26 seconds East; along the west line of said Robeson tract a distance of 78.38 feet to the southwest corner thereof; thence North 90 degrees 00 minutes 00 seconds East along the south line of said Robeson tract a distance of 165.00 feet to the southeast corner thereof; thence South 00 degrees 04 minutes 26 seconds East along the west line of Maple Street a distance of 16.50 feet to the northeast corner of Lot 13 in said Doan's Addition; thence South 90 degrees 00 minutes 00 seconds West along the north line of Lots 13, 12, 11 and 10 in said Doan's Addition a distance of 280.82 feet to the east 87 foot right of way line of U.S. Highway 31; thence North 00 degrees 32 minutes 00 seconds East along said east right of way line a distance of 321.27 feet; thence North 90 degrees 00 minutes 00 seconds East parallel with the north line of said northeast quarter a distance of 277.41 feet to the Point of Beginning.

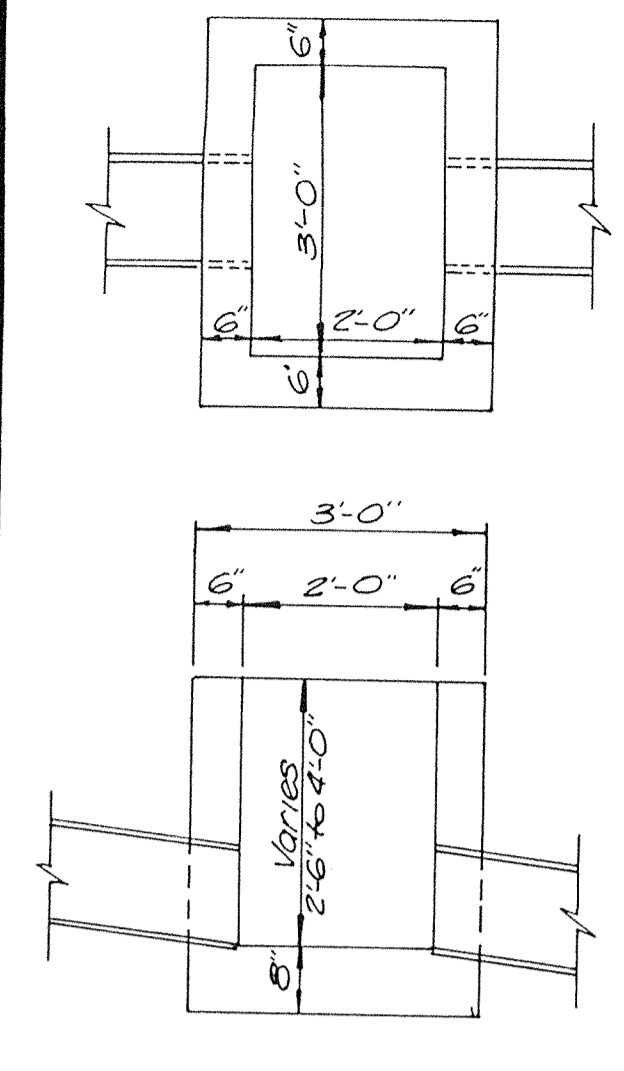
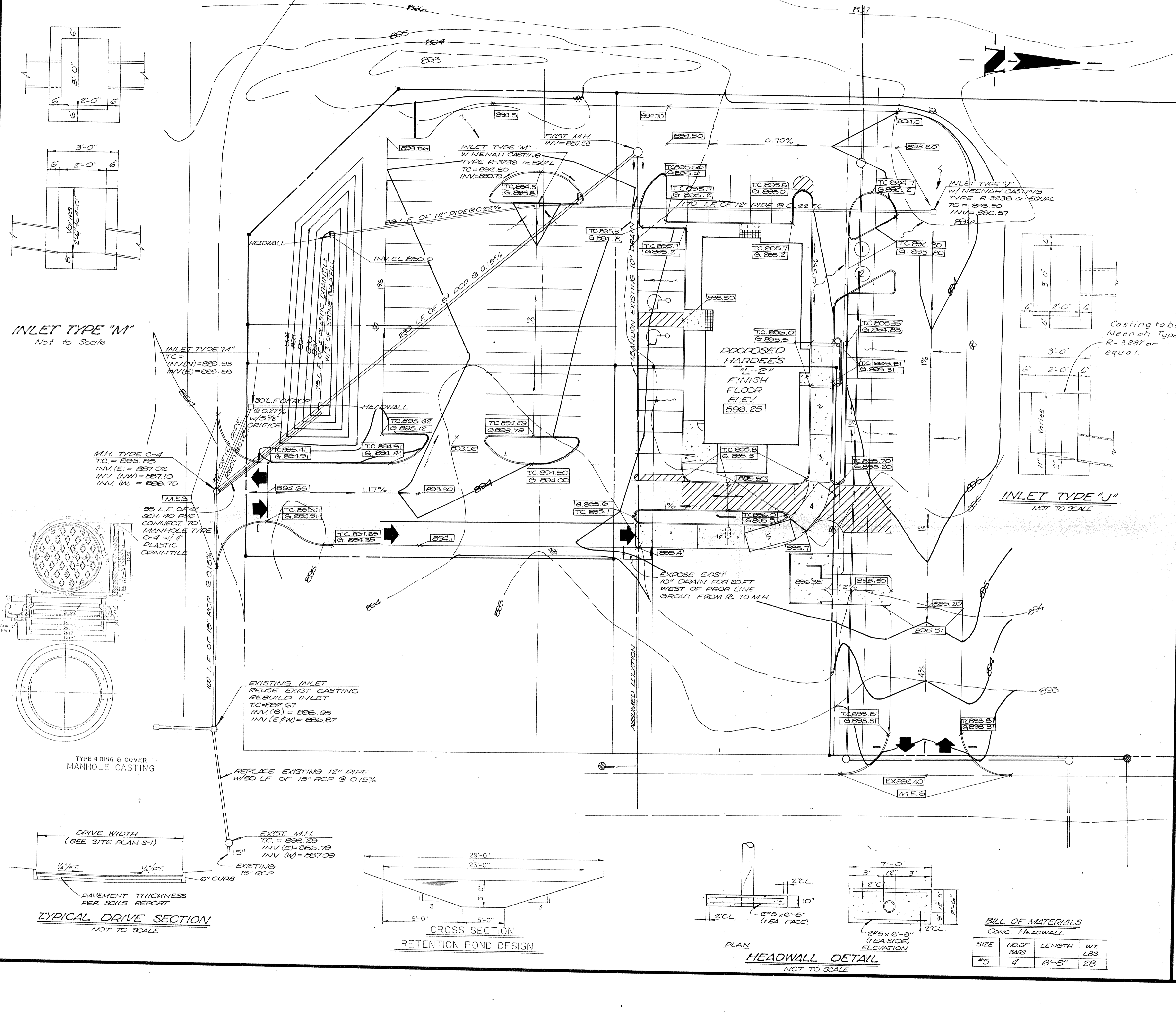
Land Description Parcel A
 Lot 12 in Abel Doan's Addition to the Town of Westfield, Indiana per plat thereof recorded in Deed Record 49, Page 516 in the Office of the Hamilton County Recorder.

Land Description Parcel B
 That 16 1/2 foot alley lying west of and adjoining the west line of Lot 12 in Abel Doan's Addition to the Town of Westfield, Indiana per plat thereof recorded in Deed Record 49, Page 516 in the Office of the Hamilton County Recorder.

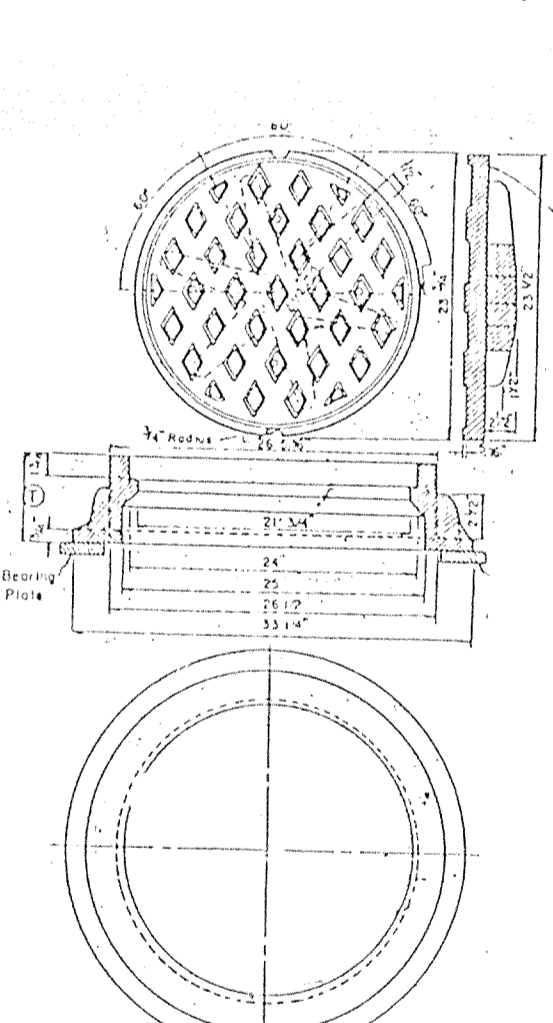
Land Description Parcel C
 Lots 10 and 11 in Abel Doan's Addition to the Town of Westfield, Indiana per plat thereof recorded in Deed Record 49, Page 516 in the Office of the Hamilton County Recorder; Except: however, that portion of said Lots now occupied by U.S. Highway 31.

SITE PLAN DESIGNER'S CERTIFICATE
 This is to certify to Lawyers Title Insurance Corporation of Hardee's Food Systems, Inc., that Butler, Fairman and Seufert, Inc., prepared the Site Plan shown hereon; that they have reviewed the Boundary and Topographic Survey prepared by Schneider Engineering Corp. dated February 5, 1988, and the Lawyers Title Insurance Corporation Commitment No. 1988, and that all easements, covenants and restrictions contained in the aforementioned survey and commitment are shown hereon and do not adversely affect the projected construction, maintenance, operation and use of said property for a Hardee's Restaurant unless stated hereon.

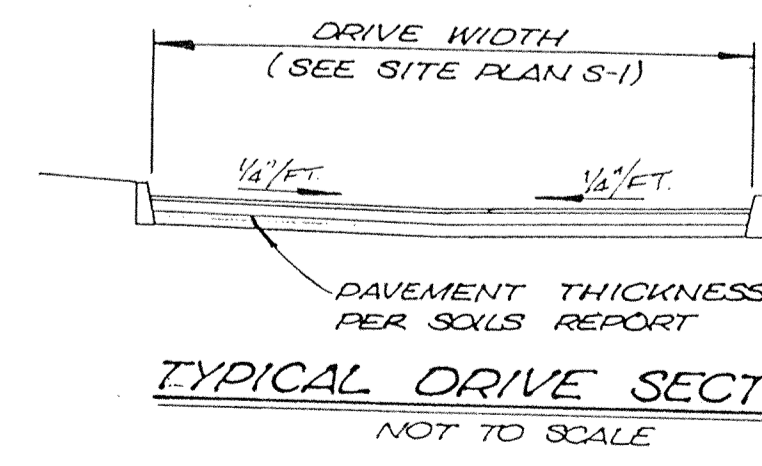
Signature of Site Plan Designer



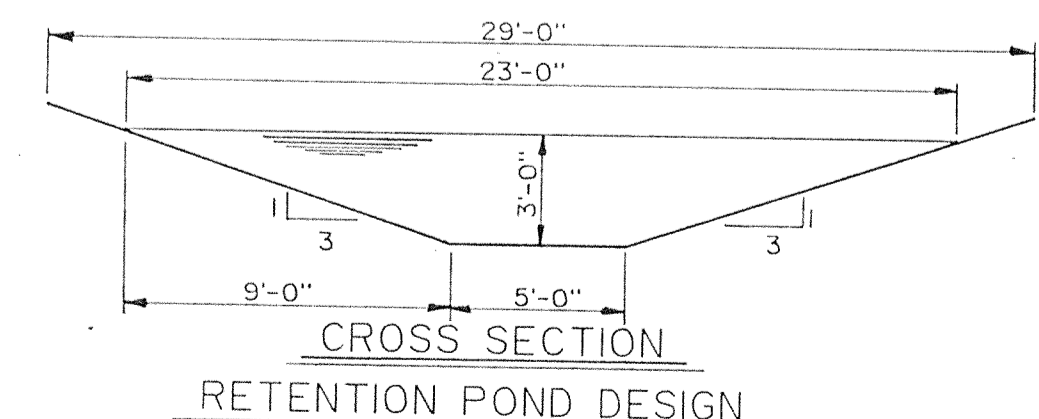
INLET TYPE "M"
Not to Scale



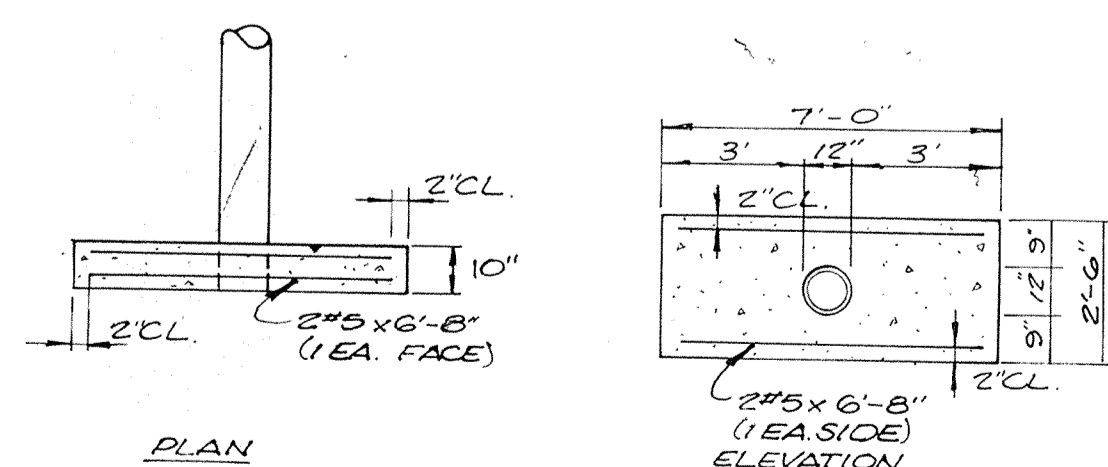
INLET TYPE "U"
NOT TO SCALE



TYPICAL DRIVE SECTION
NOT TO SCALE



CROSS SECTION RETENTION POND DESIGN



HEADWALL DETAIL
NOT TO SCALE

BILL OF MATERIALS
CONC. HEADWALL

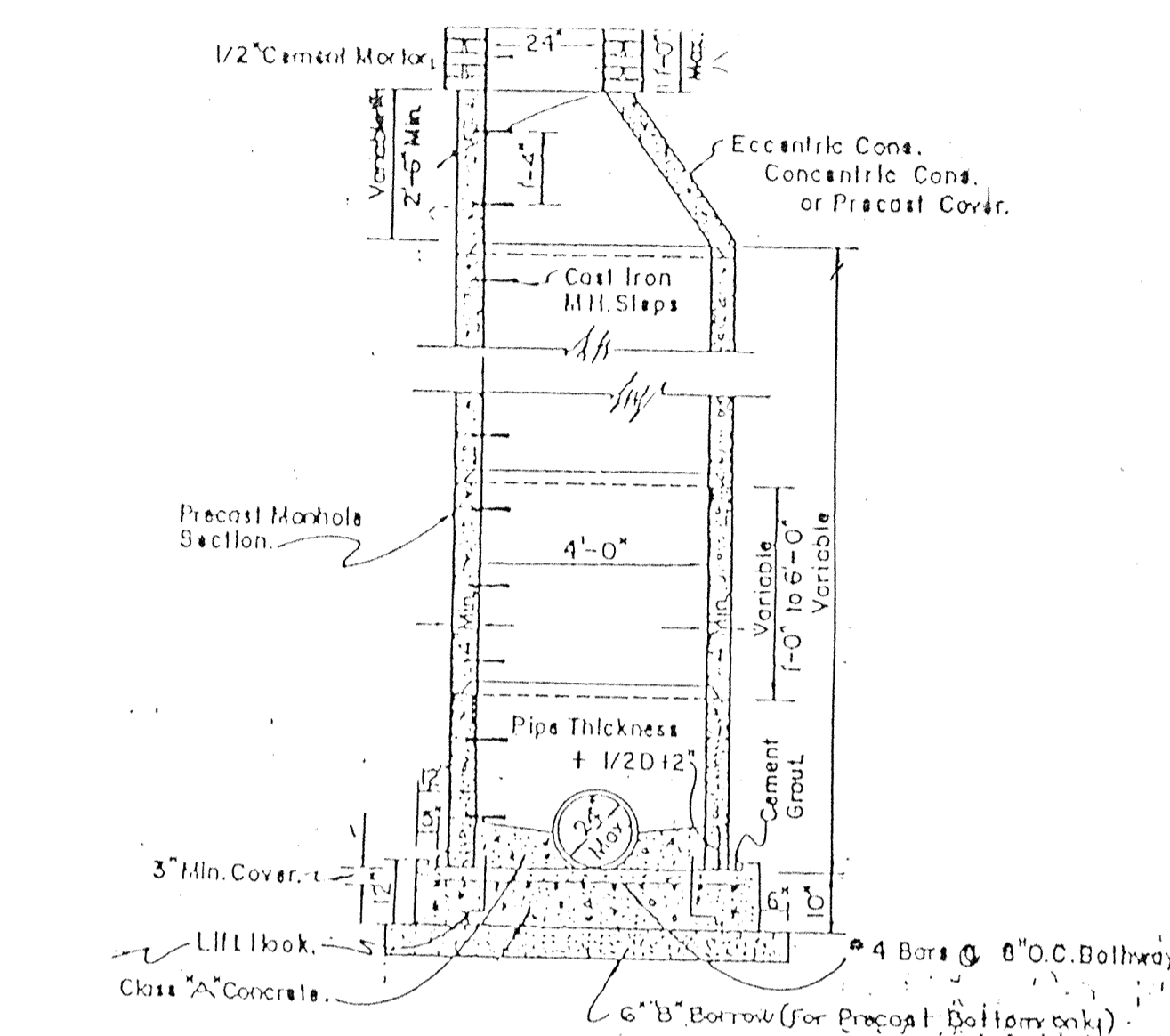
SIZE	NO. OF BAYS	LENGTH	WT. LBS.
#5	1	6'-8"	28

Benchmarks

BM An Indiana Flood Control and Water Resources brass disc stamped "HAM 21 1959 RESET 1961" set in the east sidewalk next to the concrete guardrail at the north end of the concrete bridge 0.1 mile south of the intersection of Union Street and State Road 32. Elev. 877.032

TBM #1 East side of lamp base between the north and south nut covers of the second area lamp south of the intersection of U.S. 31 and S.R. 32 on the east side of U.S. 31. ELEV. 895.90

TBM #2 Southwest corner on top of a concrete monument 185 feet north of the centerline of Park Avenue and 185 feet west of the centerline of Maple Street. ELEV. 895.28



SECTION MANHOLE TYPE "C"
SCALE: 3/8" = 1'-0"

Hamilton County, Indiana
This information was prepared for input into the information system. It is not to be considered an official record of the U.S.
Entry Date: 9-23-03
Entered by: [Signature]

- LEGEND**
- 500 --- Existing Contour
 - 500 — Proposed Contour
 - EX 500 Existing Elevation
 - 500 Proposed Elevation
 - TC Top of Curb
 - ⊖ Gutter
 - TC= Top of Casting

Hardee's
HARDEE'S FOOD SYSTEMS, INC.
ARCHITECTURE AND ENGINEERING DEPT.
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PHONES: (919) 977-8666 (919) 977-2000

BUILDING MODEL NO. "L-2"
SHEET TITLE **GRAING PLAN**

THESE DRAWINGS ARE THE PROPERTY OF HARDEE'S FOOD SYSTEMS, INC. 1233N CHURCH ST. ROCKY MOUNT, N. C. 27801 AND SHALL NOT BE USED, COPIED OR REPRODUCED WITHOUT WRITTEN PERMISSION FROM THE OWNER.

DRAWN BY **M. MANG**
CHECKED BY **D. HERENDEEN**
DATE **2-3-88** SCALE **1" = 20'**

HAMILTON COUNTY DRAINAGE BOARD
SECRETARY

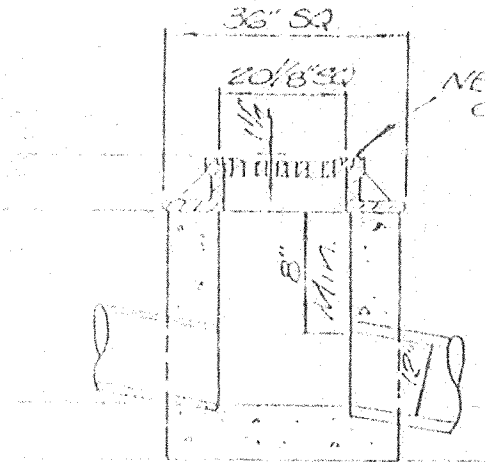
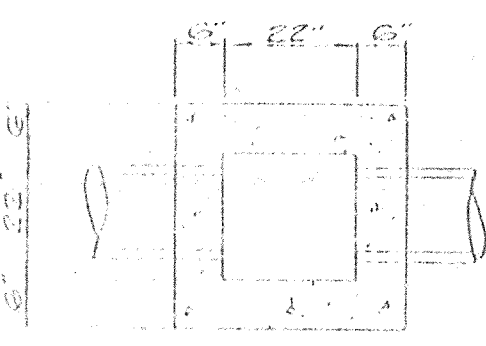
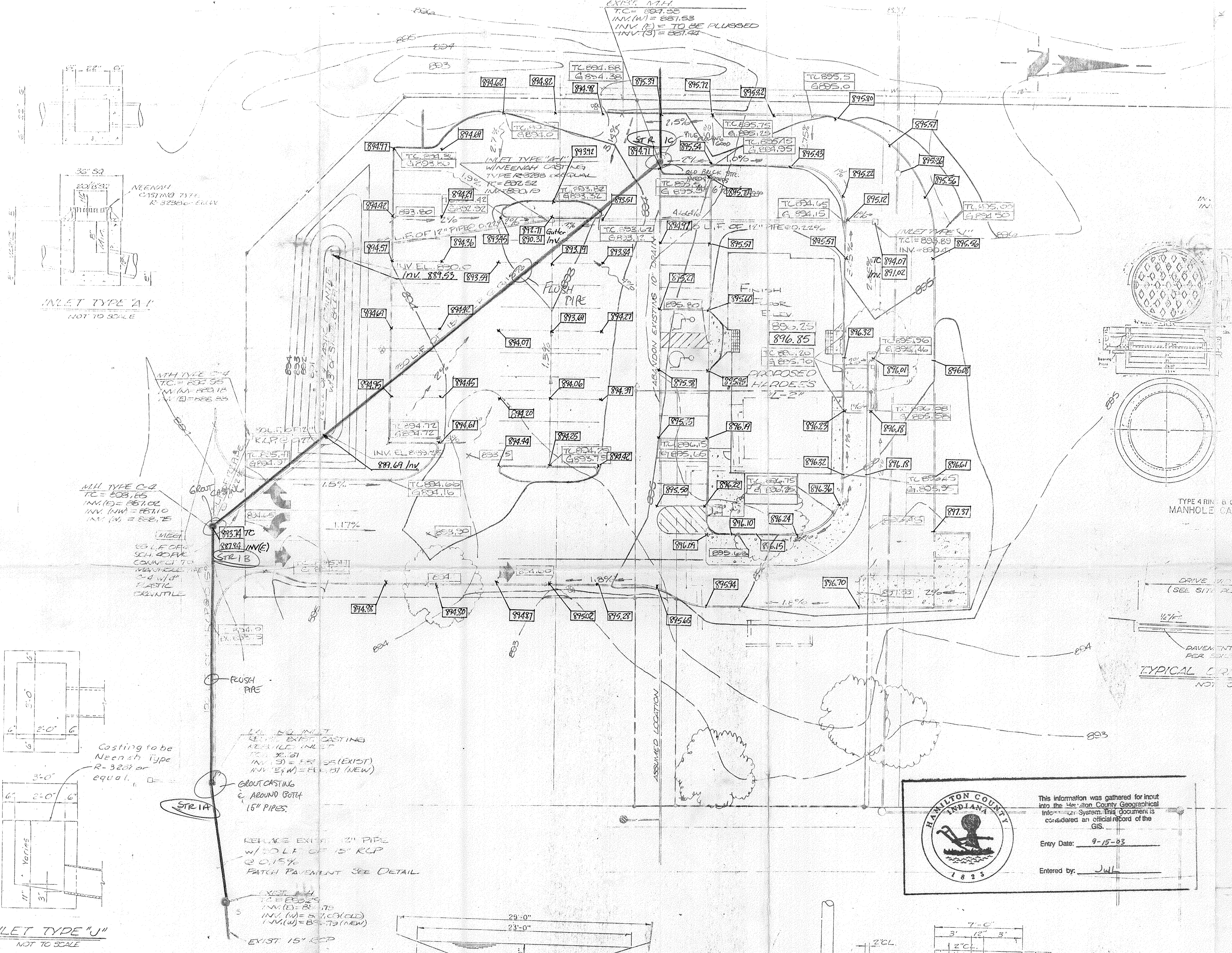
MAR 7 1988

SHEET NO. **S-2**
OF

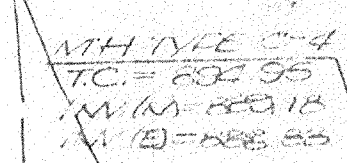
BM #1 Station Flood Control and Water Resources Dept. also stamped 2/14/77
1/23/88 11:23 AM in the east stairwell, next to the concrete gully at the
north end of the concrete bridge 0.1 mile south of the intersection of Union Street
and State Road 31. Elev. 897.32

TBM #1 East side of lamp base between the north and south gut covers of the
second area lamp, south of the intersection of U.S. 31 and S.R. 32 on the east side
of U.S. 31. ELEV. 895.90

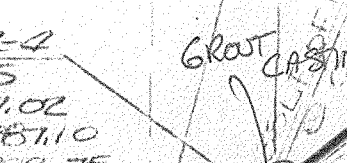
TBM #2 Southwest corner on top of a concrete monument 185 feet north of the
centerline of Park Avenue and 185 feet west of the centerline of Maple Street.
ELEV. 895.28



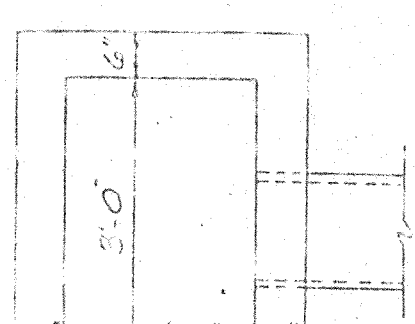
INLET TYPE 'A' NOT TO SCALE



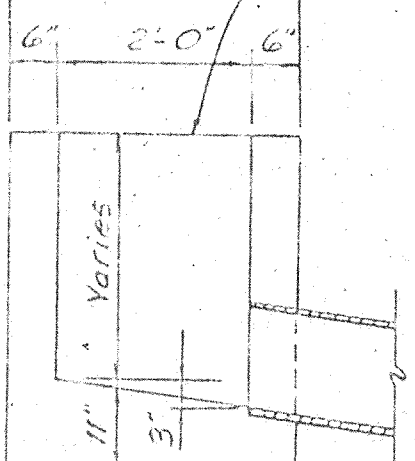
MANHOLE TYPE 'C'



MANHOLE TYPE 'B'



INLET TYPE 'J' NOT TO SCALE

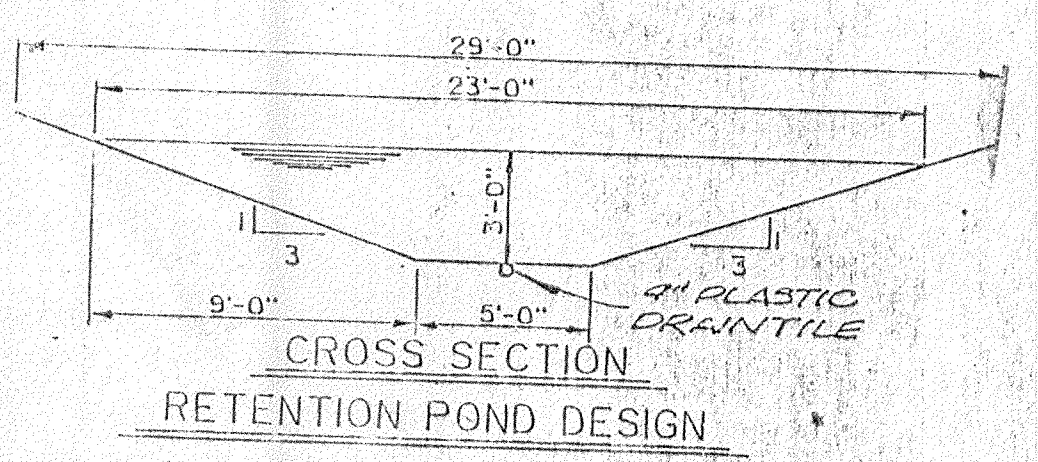


INLET TYPE 'J' NOT TO SCALE

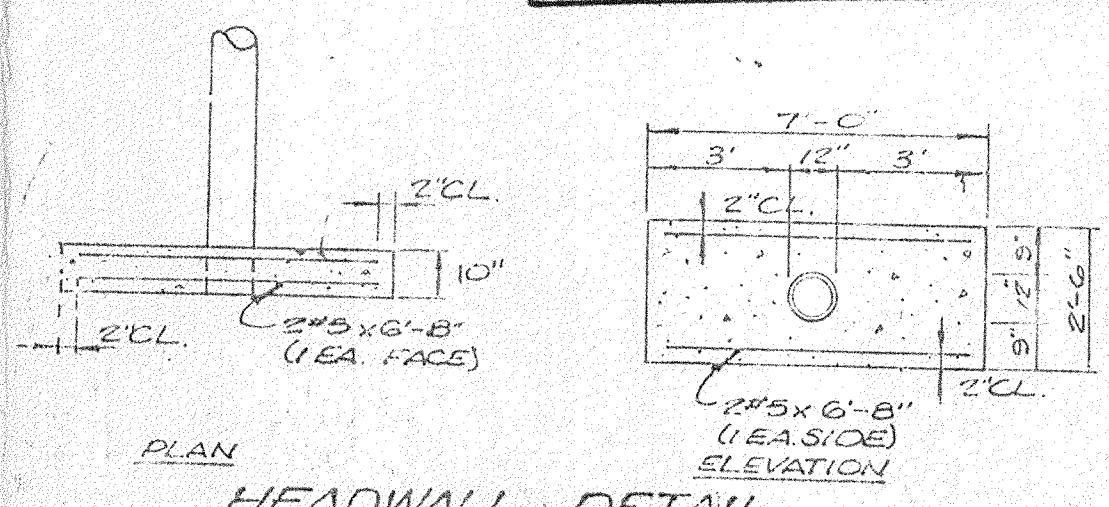
CASTING TO BE NEARLY TYPE R-3287 OR EQUAL

REPLACE EXISTING 12" PIPE W/ 15" RCP W/ 0.15% PATCH PAVEMENT SEE DETAIL

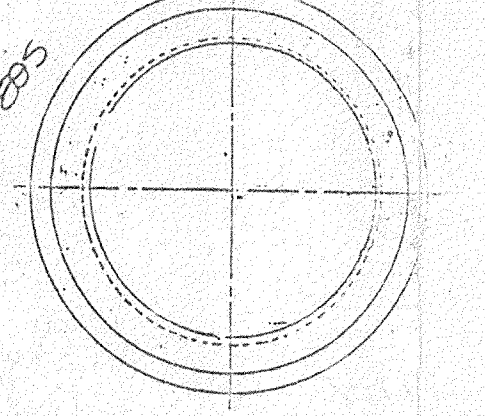
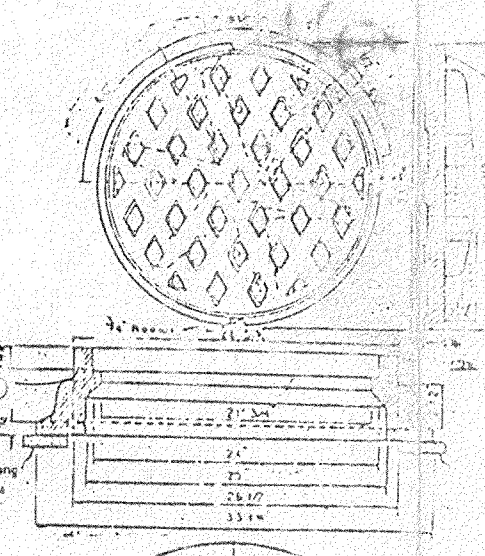
EXISTING 15" RCP



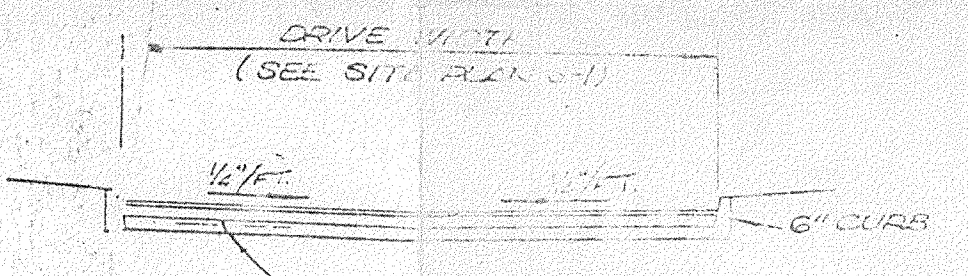
CROSS SECTION RETENTION POND DESIGN



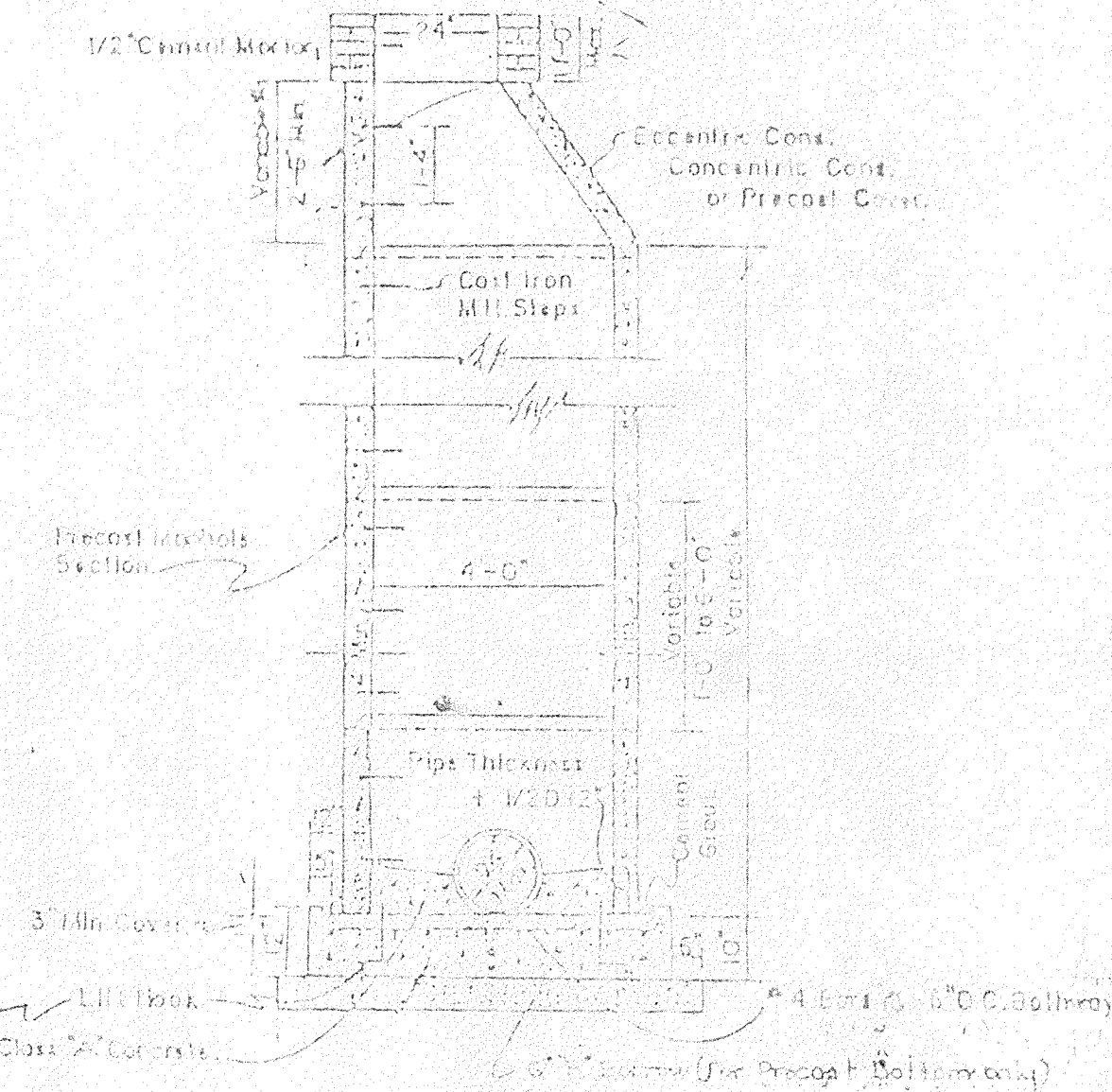
HEADWALL DETAIL NOT TO SCALE



TYPE 4 RING & COVER MANHOLE CASTING



TYPICAL DRIVE SECTION NOT TO SCALE



SECTION MANHOLE TYPE 'C' SCALE 1/4" = 1'-0"

Note: ALL ELEVATIONS ARE TOP OF PAVEMENT / CUTTER UNLESS NOTED

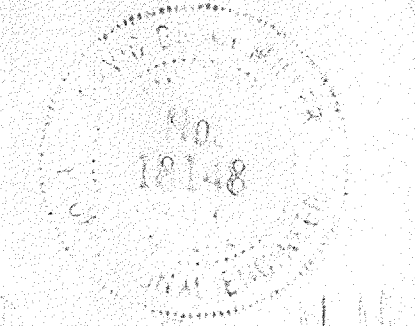
AS-BUILT
MAY 23 1988

HAMILTON COUNTY INDIANA 1823
This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.
Entry Date: 9-15-83
Entered by: Jull

- LEGEND
- Existing Contour
- Proposed Contour
- 895.00 Existing Elevation
- 895.00 Proposed Elevation
- TC Top of Curb
- 6" 6" Gutter
- TC= Top of Casting
- 2.0" Drainage Divide

BILL OF MATERIALS CONC. HEADWALL

SIZE	NO. OF BAYS	LENGTH	WT. LBS.
#5	4	6'-8"	28



HARDEE'S FLOOD SYSTEMS, INC.
ARCHITECTS AND ENGINEERS
1125 S. W. 11th St.
BIRMINGHAM, AL 35202
PHONE: 334-961-5100

NO. 10148

DATE: 11-23-88
BY: J. MILLER

FILED
JUL 07 89