

Kenton C. Ward, CFM
Surveyor of Hamilton County
Phone (317) 776-8495
Fax (317) 776-9628

Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

Map Correction-Field Verification

Drain Number: #102

Drain Length: N/A

Drain Name: QF. Henley; West Carmel Elem. Change +/-: N/A

Date: 3-8-2011

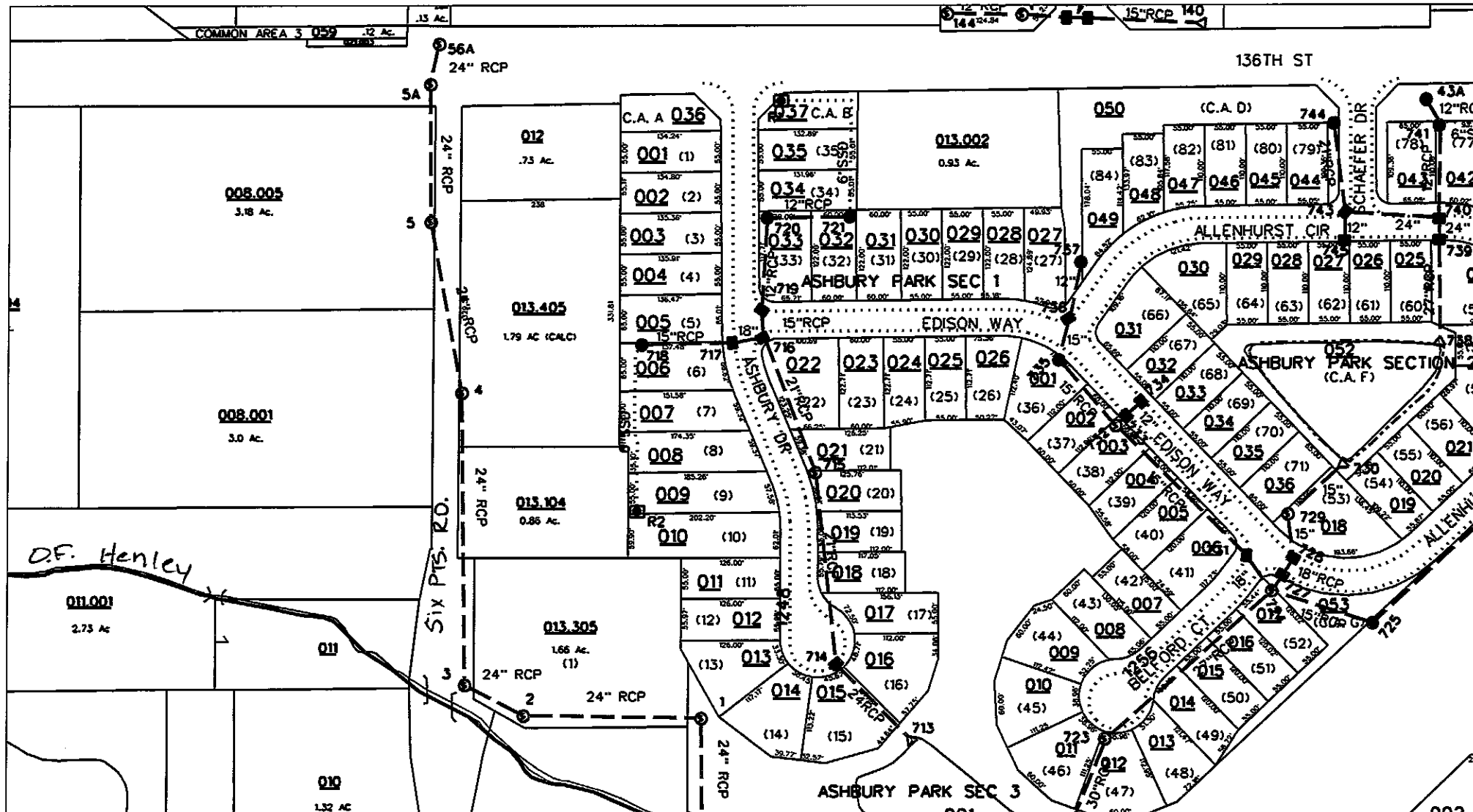
New Length: N/A

Verified By: SLM, LMC

Notes & Sketch:

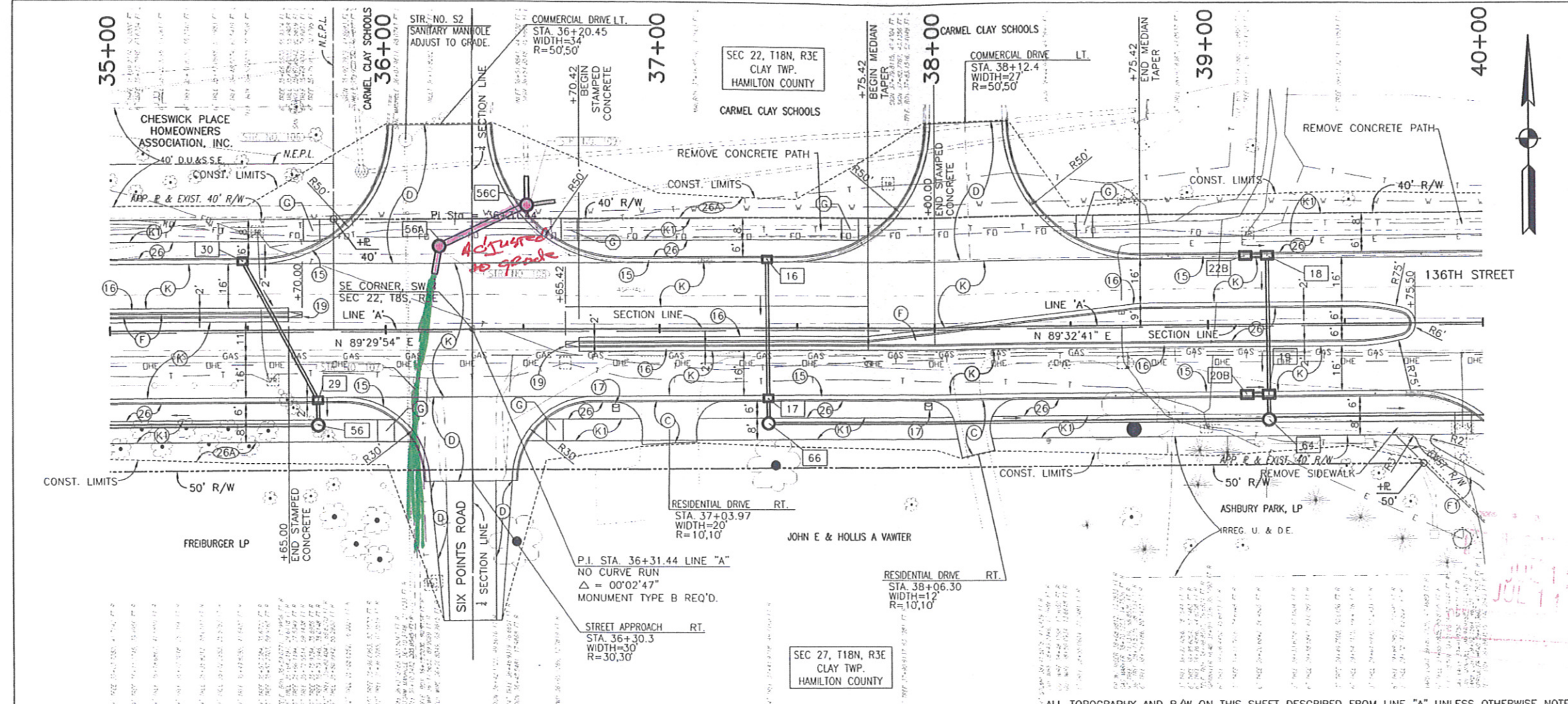
The City of Carmel widened 136th St. between Ditch and Springmill Roads (See plans by DLZ with Project #04-07)
Existing Str. 6 was replaced and brought up to grade
With new structure 56A. (see sheet 11)

Suzanne L. Mills
GIS Specialist



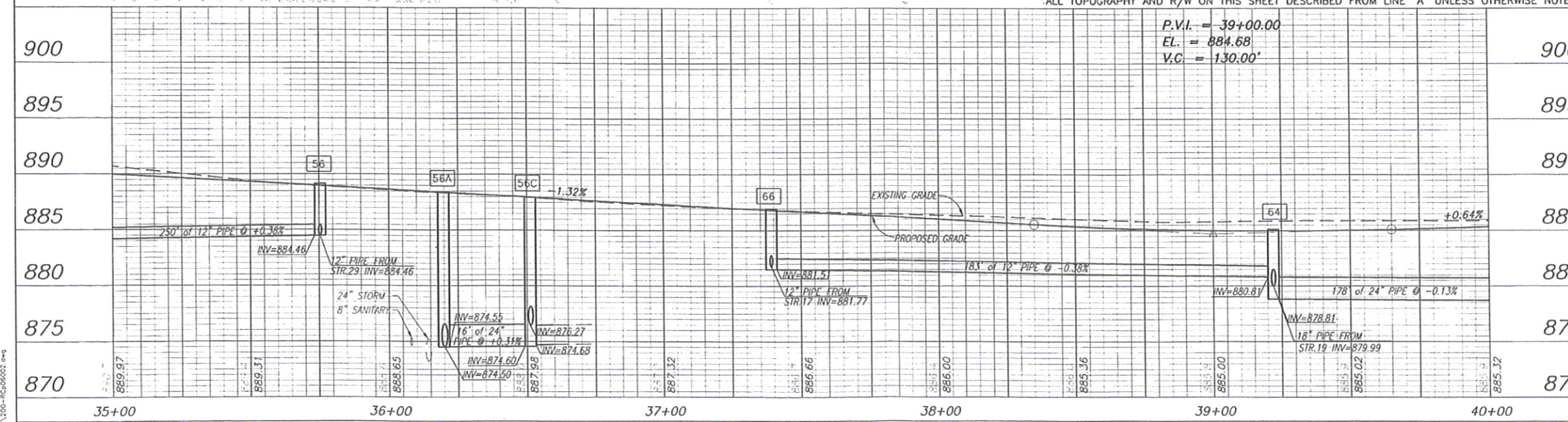
sub_rg_dm.dgn 3/14/2011 1:51:20 PM

See plans by: DLZ PROJ. 04-07; Sheet 11



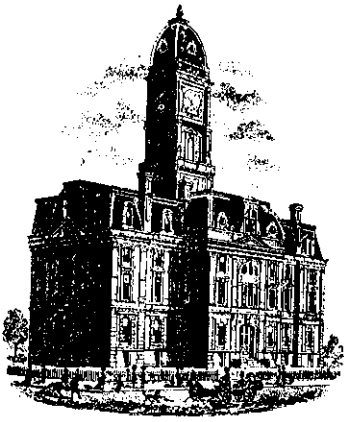
- LEGEND**
- (15) COMBINED CONCRETE CURB AND GUTTER TYPE II
 - (16) COMBINED CONCRETE CURB AND GUTTER TYPE III
 - (17) MAILBOX ASSEMBLY
 - (19) CONCRETE CENTER CURB TYPE D
 - (26) SODDING, NURSERY
 - (26A) MULCHED SEEDING TYPE 'U' ON 4" TOPSOIL
 - (C) CEMENT CONCRETE PAVEMENT FOR DRIVEWAYS, ON 6" COMPACTED AGGREGATE, SIZE NO. 53
 - (D) HMA FOR APPROACHES TO BE: 165# HMA SURFACE, TYPE B ON 275# SYD. HMA INTERMEDIATE, TYPE B ON 990# SYD. HMA BASE, TYPE B
 - (F) 4" DECORATIVE COLORED CONCRETE ON 6" COMPACTED AGGREGATE, SIZE NO. 53
 - (K) MAINLINE PAVEMENT SECTION, SEE TYPICAL SECTION SHEET.
 - (KI) TRAIL PAVEMENT SECTION, SEE TYPICAL SECTION SHEET.
 - (-) CONCRETE CURB RAMP (LETTER INDICATES TYPE), COLORED CONCRETE
 - (F1) 4" CONCRETE SIDEWALK

- 16 37+39, LT. STR. NO. 16
INLET TYPE MOD J-10 & 50' OF 12" PIPE REQ'D
- 17 37+39, RT. STR. NO. 17
CATCH BASIN TYPE K-10 W/ CATCH BASIN HOOD & 9' OF 12" PIPE REQ'D
- 18 39+22, LT. STR. NO. 18
INLET TYPE C-15 & 50' OF 18" PIPE REQ'D
- 19 37+22, RT. STR. NO. 19
CATCH BASIN TYPE MOD C-15 W/ CATCH BASIN HOOD & 50' OF 18" PIPE REQ'D
- 20B 39+14, RT. STR. NO. 20B
INLET TYPE B-15 & 8' OF 12" PIPE REQ'D
- 22B 39+14, LT. STR. NO. 22B
INLET TYPE B-15 & 8' OF 12" PIPE REQ'D
- 29 35+75, RT. STR. NO. 29
CATCH BASIN TYPE K-10 W/ CATCH BASIN HOOD & 9' OF 12" PIPE REQ'D
- 30 35+48, LT. STR. NO. 30
INLET TYPE MOD J-10 & 57' OF size" PIPE REQ'D
- 56 35+75, 34' RT. STR. NO. 56
MANHOLE TYPE C-4 & 250' OF 12" PIPE REQ'D
- 56A 36+20, 30.2' LT. STR. NO. 56A
MANHOLE TYPE C-4 CONNECT 8' OF 24" PIPES WITH EXISTING PIPE
- 56C 36+51.7, 44.9' LT. STR. NO. 56B
MANHOLE TYPE C-4 & 32' 46" OF 24" PIPE REQ'D. CONNECT 8' OF 15" & 18" PIPES WITH EXISTING 15" & 18" PIPES.
- 64 39+22, 34' RT. STR. NO. 64
MANHOLE TYPE C-4 & 178' OF 24" PIPE REQ'D
- 66 37+39, 34' RT. STR. NO. 66
MANHOLE TYPE C-4 & 183' OF 12" PIPE REQ'D



| | | | | | | | |
|------------|---------|-----|-----------------------------|--|--|--|---|
| ADDENDUM 1 | 2-16-07 | JAR | | | RECOMMENDED FOR APPROVAL <i>Jeron A. Richardson</i> DESIGN ENGINEER DATE | CITY OF CARMEL 136th STREET | HORIZONTAL SCALE 1"=20' ROAD FILE |
| | | | DESIGNED: FS DRAWN: JJC | PLAN AND PROFILE SHEET LINE 'A' STA. 35+00 TO 40+00 | | SURVEY BOOK SHEETS 11 of 76 | VERTICAL SCALE 1"=5' DESIGNATION |
| | | | CHECKED: JAR CHECKED: FS | | | CONTRACT PROJECT 04-07 | |

Date: Feb. 16, 2007, 10:24am, User: DLZ
 File: M:\jerry\0403\0303\Plan\1200-136th0602.dwg



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

One Hamilton County Square, Ste. 146

776-9626 776-8495

942 Maple Avenue

Noblesville, Indiana 46060 July 8, 1992

TO: Hamilton County Drainage Board

RE: O.F. Henley Drain-Carmel West Elementary School

*now
Smoky Run*

Attached is a petition, non-enforcement request, plans and schedule of assessments as submitted by the Carmel Clay School Board for the Carmel West Elementary School Arm of the O.F. Henley Drain. The schedule of assessments shows the name and address of each owner, the legal description, parcel number as shown by the tax duplicate or record of transfers by the County Auditor wherein the land is situated, which lands, in my opinion, will be affected by the proposed improvement and the public roads or highway owned by the County or by the State of Indiana by name or number and the Right of Ways of railroads by section, township and range.

I have reviewed the submittals and petition which was referred to me on June 18, 1992 and have found each to be in proper form. I have made a personal inspection of the land described in the petition. Upon doing so, I believe that the drain is practicable; will improve the public health; benefit a public highway and be of public utility; and that the costs, damages and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefitted.

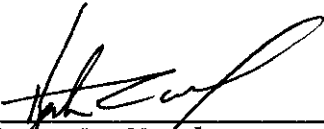
The drain consists of the following of 1341 feet of 24" RCP, which was constructed by the School Board as the offsite storm sewer for the Carmel West Elementary School. The location of the drainage facility is shown on the attached plan. The storm sewer is proposed to be part of the O.F. Henley Drain as the Carmel West Elementary Arm of the drain.

The maintenance work required for the said tile drain includes the repairing of tile, structures, maintaining the outlet

and any other work necessary which will keep the tile in proper working order as and when needed.

I recommend a maintenance assessment remain as is for the per acre assessment and increase the current \$3.00 minimum to a \$5.00 minimum.

I recommend a hearing be set for September 1992. I also recommend the Board approve the attached non-enforcement request at that time.



Kenton C. Ward
Hamilton County Surveyor

KCW/no

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD

IN THE MATTER OF THE O.F. Henley Drain-
Carmel West Elementary School

NOTICE

TO WHOM IT MAY CONCERN AND _____

Notice is hereby given of the Hearing of the Hamilton County Drainage Board on the O.F. Henley Drain-Carmel West Drain, on Elementary School September 21, 1992, at 9:30 A.M. in the Commissioners's Court, Hamilton County Judicial Center, Noblesville, Indiana and which the Maintenance Report of the Surveyor and the Schedule of Assessments made by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

HAMILTON COUNTY DRAINAGE BOARD

ATTEST: *[Signature]*
Administrative Secretary

ONE TIME ONLY

taken to Ledger 9-10-92

BEFORE THE HAMILTON
COUNTY DRAINAGE BOARD
IN THE MATTER OF THE

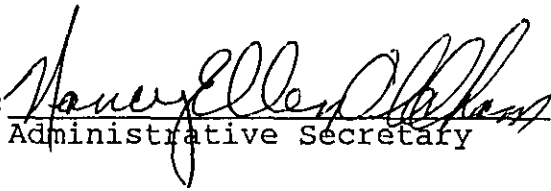
O.F. Henley Drain-Carmel West Elementary School

NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment has issued an order adopting the Schedule of Assessments, filed the same and made public announcement thereof at the hearing and ordered publication. If judicial review of the findings and order of the Board is not requested pursuant to Article Eight of this code within twenty (20) days from the date of this publication, the order shall be conclusive.

HAMILTON COUNTY DRAINAGE BOARD

ATTEST:


Administrative Secretary

ONE TIME ONLY



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

Phone (317) 776-8495

Fax (317) 776-9628

Suite 146

One Hamilton County Square

Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

October 6, 1997

Re: O. F. Henley Drain: Carmel West Elementary

Attached are as-builts, certificate of completion & compliance, and other information for the Carmel West Elementary Arm to the O. F. Henley Drain. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

During construction, there were no significant changes made to the drainage plans submitted with my report for this drain dated July 8, 1992.

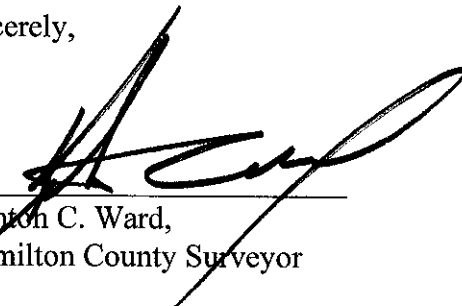
Therefore, the length of the drain remains at **1,341 feet**.

The non-enforcement was approved by the Board at its meeting on September 21, 1992 and recorded under instrument #9237250.

The bond or letter of credit was not required.

I recommend the Board approve the drains construction as complete and acceptable.

Sincerely,



Kenton C. Ward,
Hamilton County Surveyor

KCW/slm

Asbuilt Structures

Project: OF HENLEY - Carmel West Elem. Area

Structure: T.C.: I.E.: Pipe: Length: Original Plans: Difference:

| | | | | | | |
|----|--------|--------|-----|------|----------|----|
| 6 | 887.99 | 874.70 | | | | |
| 5A | 887.78 | 874.40 | 24" | 52' | | |
| 5A | 887.78 | 874.35 | | | | |
| 5 | 886.87 | 873.43 | 24" | 185' | | |
| 5 | 886.87 | 873.33 | | | | |
| 4 | 884.35 | 872.24 | 24" | 235' | FRM 343' | -8 |
| 4 | 884.35 | 872.14 | | | | |
| 3 | 874.18 | 869.38 | 24" | 394' | FRM 392' | +2 |
| 3 | 874.18 | 869.28 | | | | |
| 2 | 874.13 | 868.86 | 24" | 89' | FRM 87' | +2 |
| 2 | 874.13 | 868.76 | | | | |
| 1 | 874.77 | 867.66 | 24" | 236' | FRM 237' | -1 |
| 1 | 874.77 | 867.56 | | | | |
| ES | - | 866.79 | 24" | 150' | FRM 155' | -5 |
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6" SSD Streets:

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Total: _____

6" SSD Lots:

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Total: _____

RCP Pipe Totals:

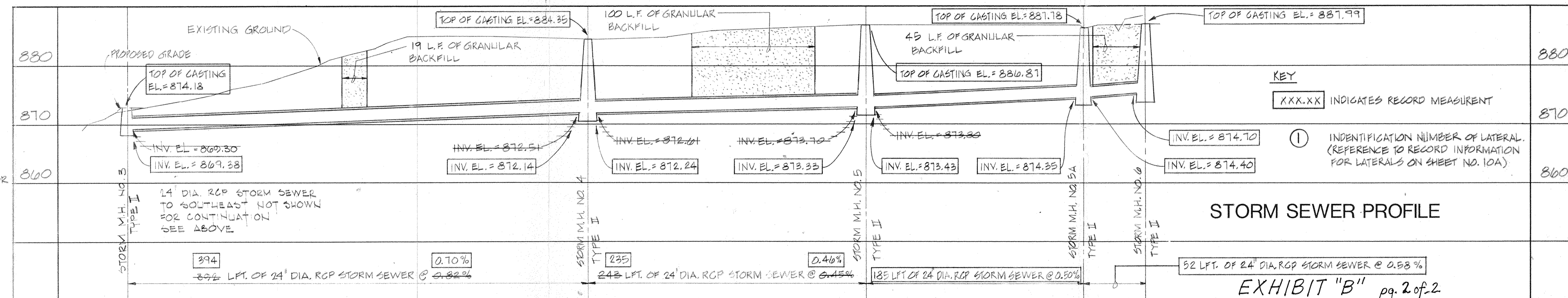
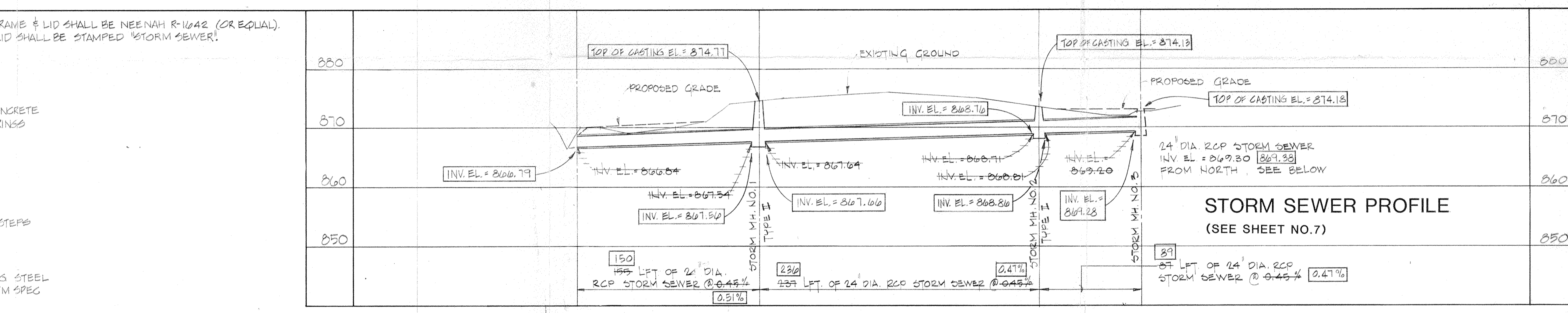
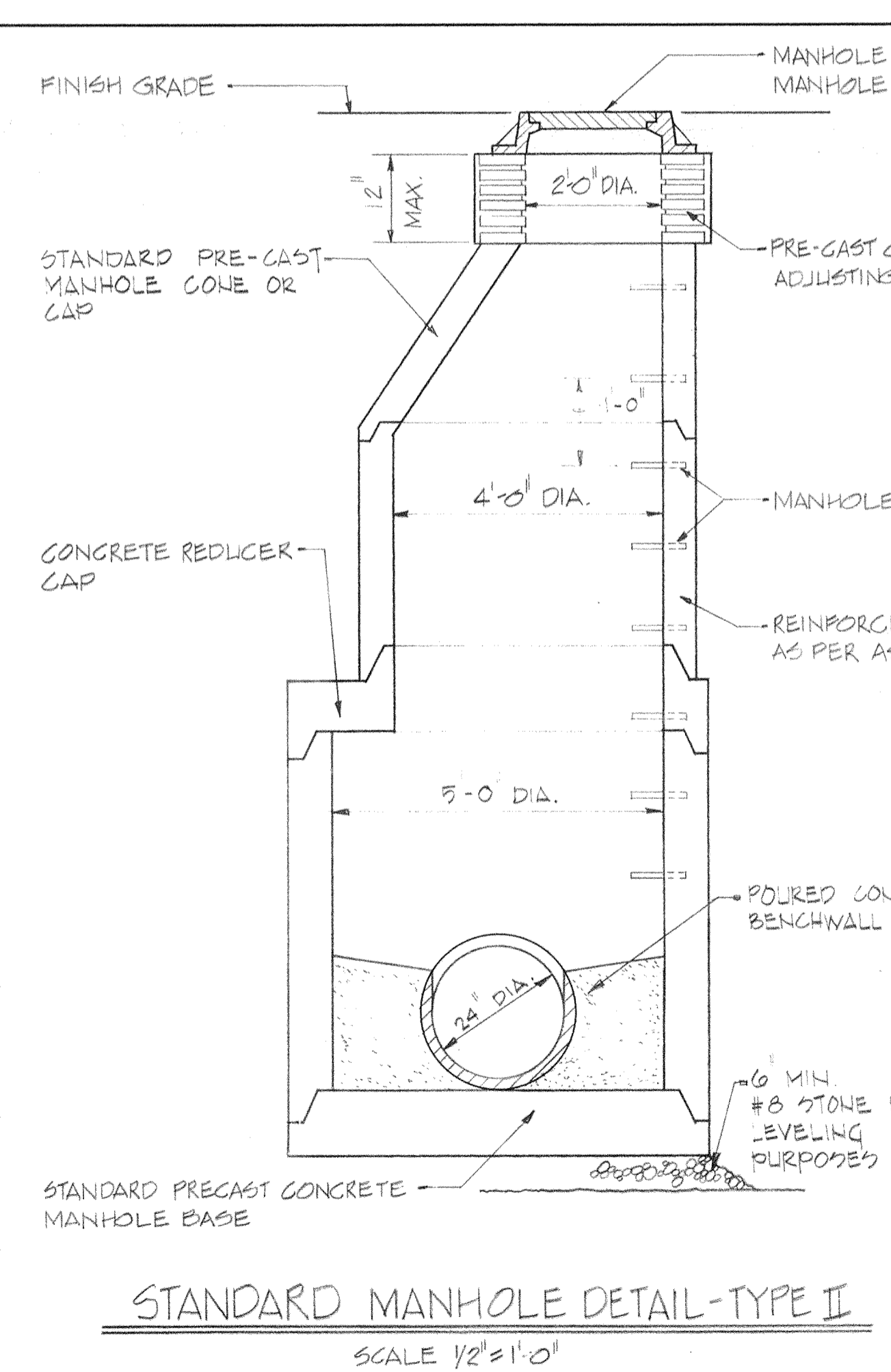
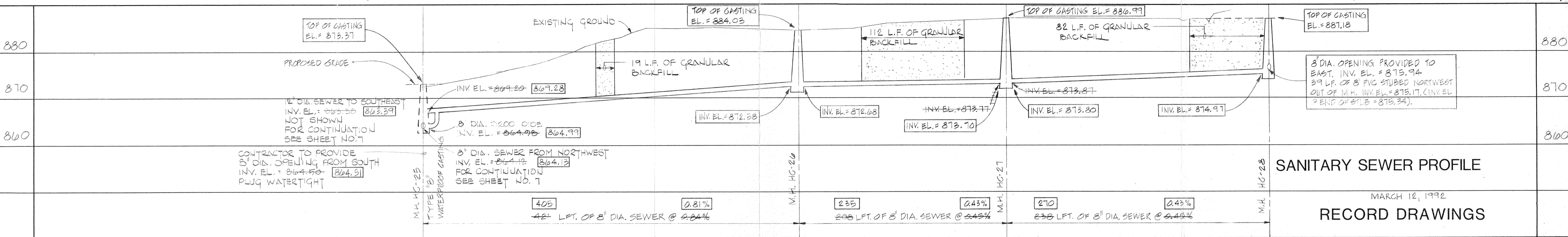
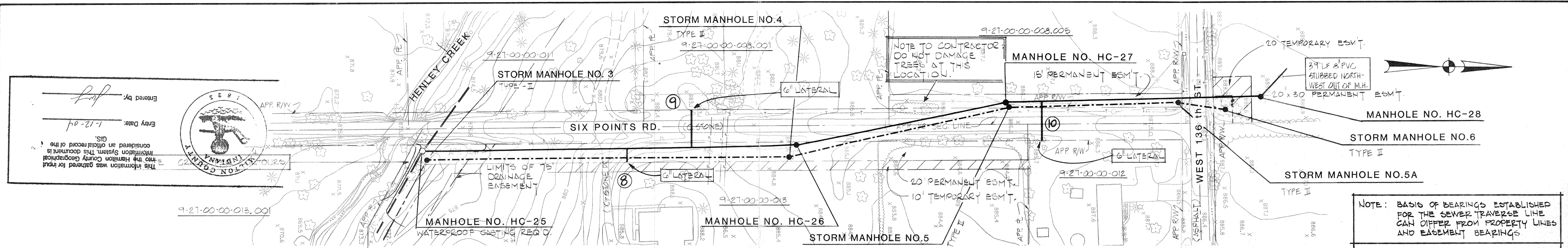
| | |
|-----|-------|
| 24" | 1341' |
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Other Drain:

Total Length of Drain:

1341'



SCALE: 1"=50'
 CONTOUR INTERVAL 1'
 DATE OF PHOTOGRAPHY

| SYMBOL | REVISIONS | BY | DATE | APPROVED |
|--------|--|-----|---------|----------|
| | REALIGNED SANITARY SEWER, ADDED STORM SEWER & HEADWALL | JDT | 2-14-91 | RLL |
| | DELETED HEADWALL & REDUCE STORM SEWER PIPE SIZE | PD | 5-16-91 | RLL |
| | ADDED STORM SEWER EXTENSION PROFILE | PS | 7/29/91 | RLL |
| | REVISED D20" PIPE SIZE & INV. EL. @ M.H. HC-25 | PS | 7/29/91 | RLL |

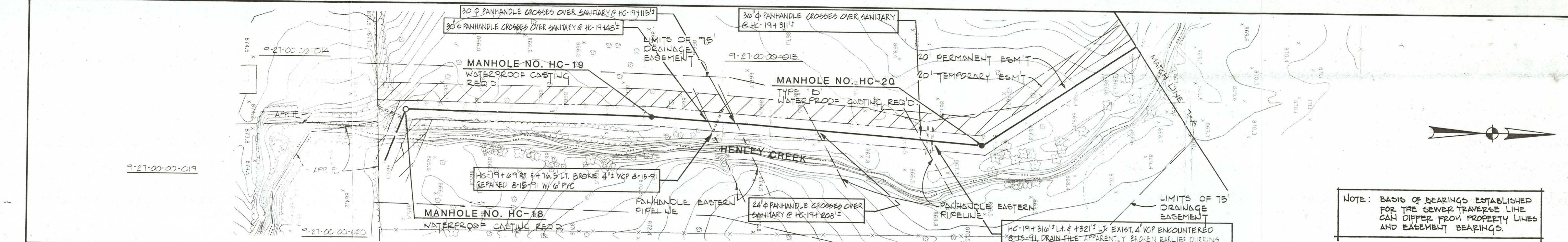
SAMUEL L. MOORE & ASSOCIATES, INC.
 Consulting Engineers
 6363 HOLLISTER DRIVE SPEEDWAY, INDIANA 46224

DESIGNER: G. ANDRICK
 DRAFTING: G. ANDRICK
 PROJ. ENGR.: R. LUNZTBEN
 PROJ. MGR.: D.L. MADRE

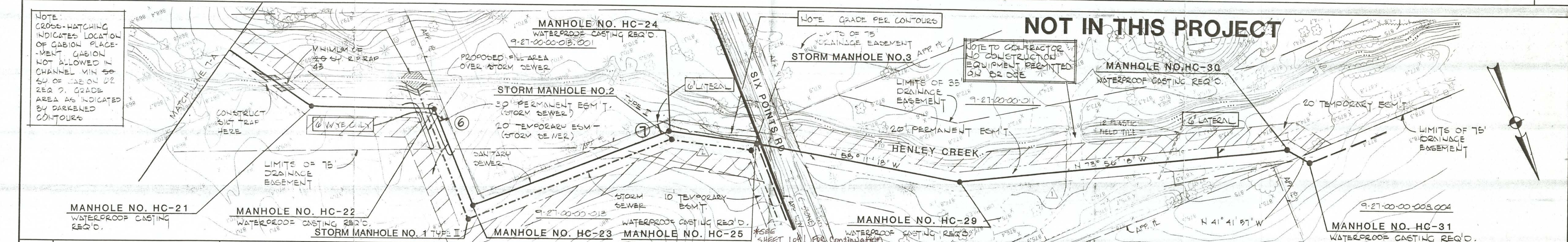
JOB NO. 1184
 DATE OCT. 1990

CTRWD
 HENLEY CREEK
 INTERCEPTOR SEWER
 PLAN AND PROFILE

SHEET NO. 8 OF 10



| Station | Profile Description | Elevation | Notes |
|---------|--|-----------------------------|-------|
| 870 | EXISTING GROUND | TOP OF CASTING EL. = 860.09 | |
| 860 | 12" DIA. SEWER TO SOUTHWEST INV. EL. = 853.67 FOR CONTINUATION SEE SHEET NO. 6 | TOP OF CASTING EL. = 862.25 | |
| 850 | 12" DIA. DROP PIPE INV. EL. = 855.46 | TOP OF CASTING EL. = 867.33 | |
| | 274 L.F. OF 12" DIA. SEWER @ 0.25% | | |
| | 360 L.F. OF 12" DIA. SEWER @ 0.25% | | |
| | 206 L.F. OF 12" DIA. SEWER @ 0.25% | | |



| Station | Profile Description | Elevation | Notes |
|---------|---|-----------------------------|-------|
| 880 | EXISTING GROUND | TOP OF CASTING EL. = 873.05 | |
| 870 | PROPOSED 14" DIA. STORM SEWER | TOP OF CASTING EL. = 874.41 | |
| 860 | 12" DIA. SEWER FROM WEST INV. EL. = 866.15 FOR CONTINUATION SEE SHEET NO. 9 | TOP OF CASTING EL. = 873.31 | |
| | 164 L.F. OF 12" DIA. SEWER @ 0.25% | | |
| | 127 L.F. OF 12" DIA. SEWER @ 0.25% | | |
| | 114 L.F. OF 12" DIA. SEWER @ 0.25% | | |
| | 99 L.F. OF 12" DIA. SEWER @ 0.25% | | |
| | 239 L.F. OF 12" DIA. SEWER @ 0.25% | | |
| | 222 L.F. OF 12" DIA. SEWER @ 0.25% | | |
| | 360 L.F. OF 12" DIA. SEWER @ 0.25% | | |

| | | | | | | | |
|---|---|---|--|---|-------------------------|---|------------------------------|
| SCALE: 1"=50' CONTOUR INTERVAL 1' DATE OF PHOTOGRAPHY | SYMBOL SELECTED SEWER WEST OF HC-25 FROM PROJECT EXTENDED STORM SEWER TO SOUTHWEST | REVISIONS BY DATE APPROVED P.S. 3/8/91 RLL P.S. 7/29/91 RLL | DESIGNER G. ANDRICK DRAFTING G. ANDRICK PROJ. ENGR. R. LURITSEN PROJ. MGR. S.L. MOORE | SAMUEL L. MOORE & ASSOCIATES, INC. Consulting Engineers 6363 HOLLISTER DRIVE SPEEDWAY, INDIANA 46224 | JOB NO. 1184 | CTRWD HENLEY CREEK INTERCEPTOR SEWER | SHEET NO. 7 |
| | | | BY <i>Ronald L. Moore</i> DATE 11-13-1996 | DATE OCT. 1990 | PLAN AND PROFILE | OF 10 | |