

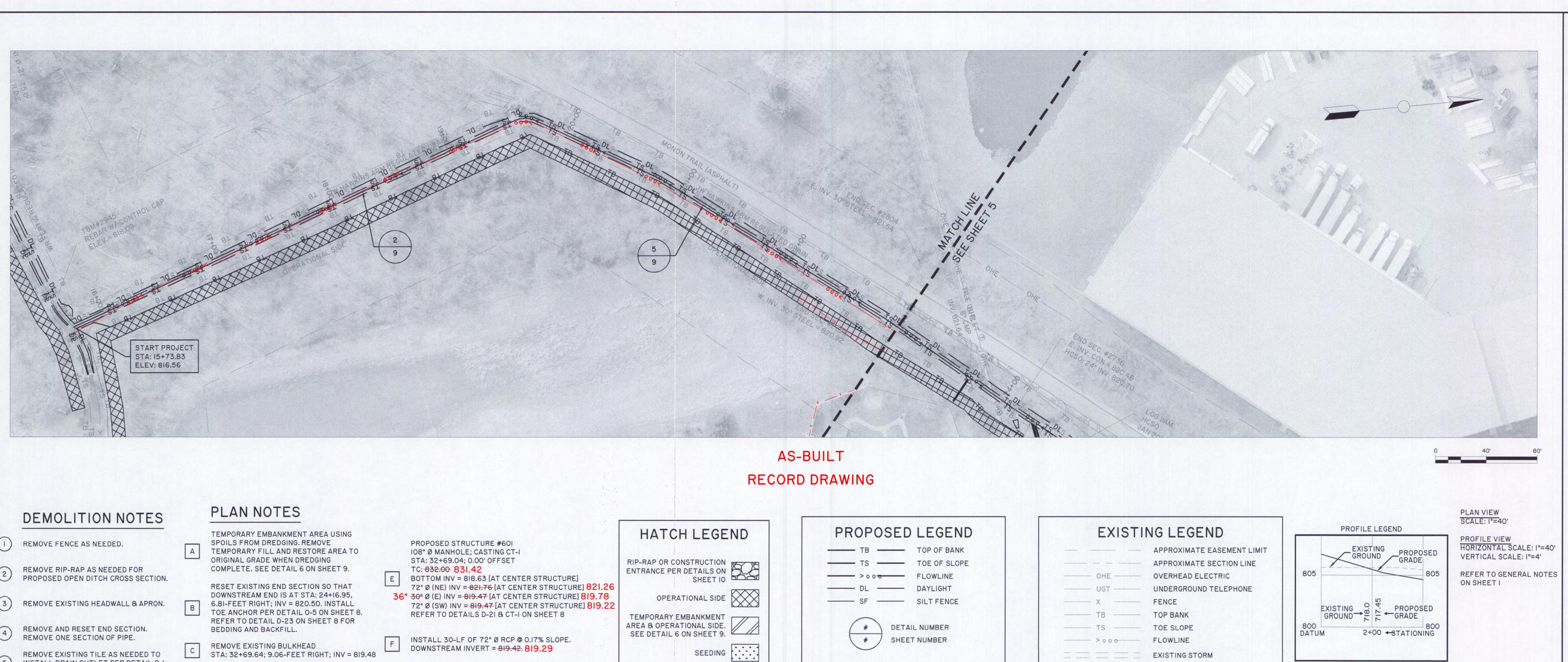
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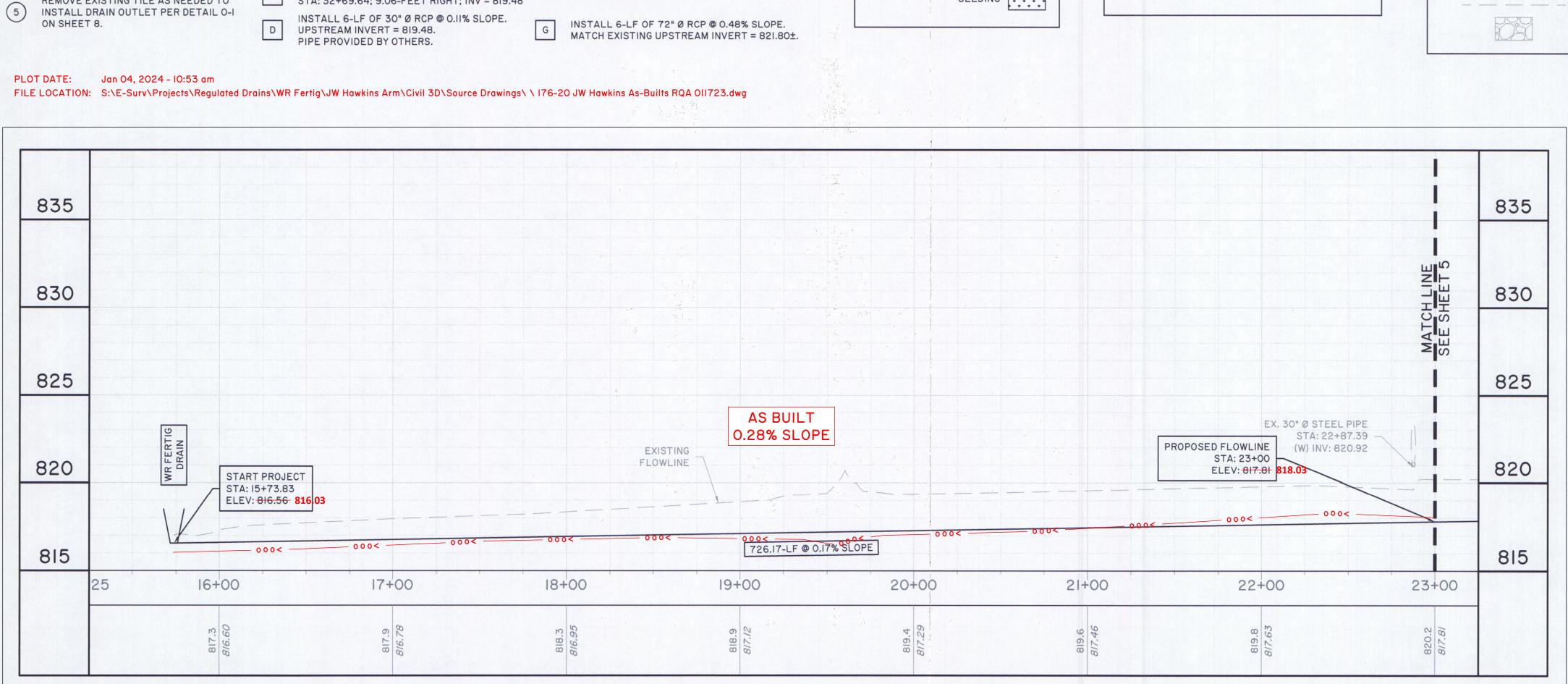
CERTIFIED BY: Cura Jam GARY R. DUNCAN, JR., P.E. DATE: 11 AVG 21

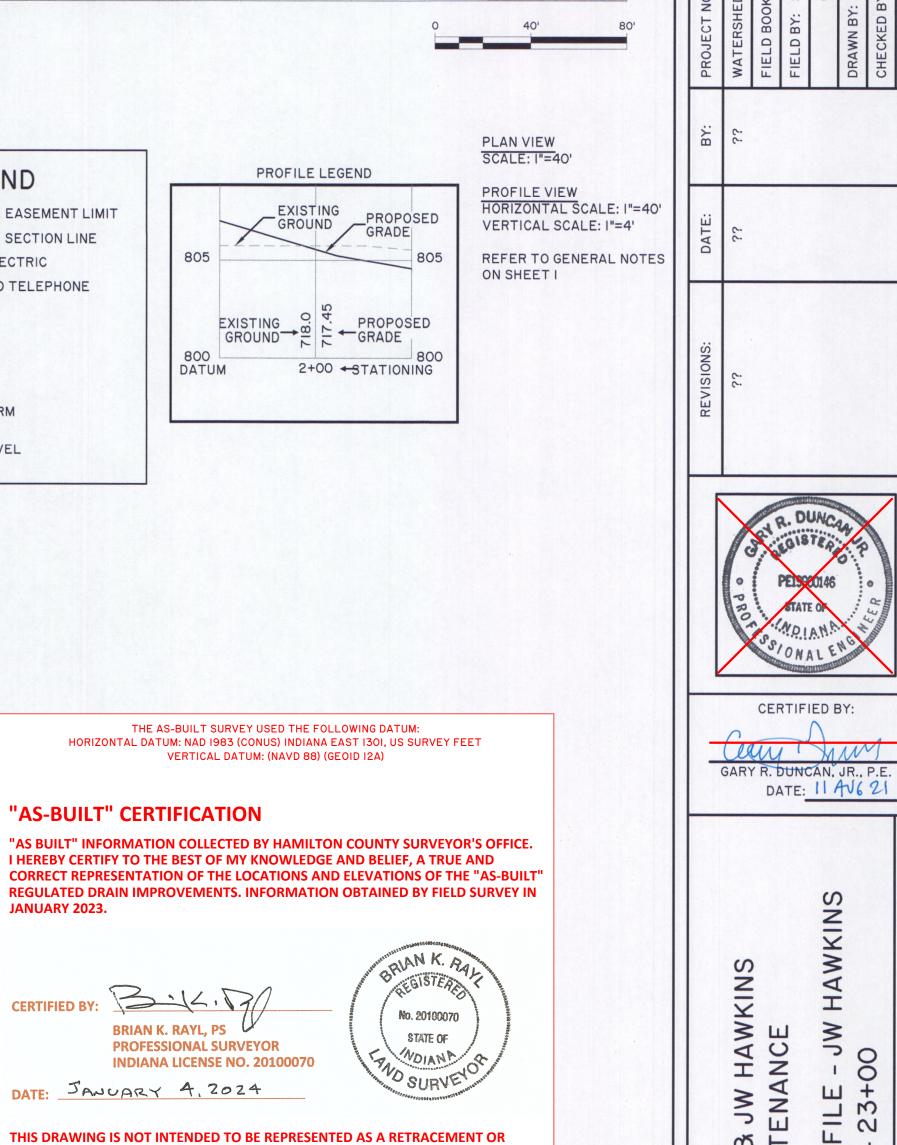
PROF +00-MAIN

PL ST N O SHEET NO.

5 OF







RTIG & MAINTE

WR DIT PLA STA

SHEET NO.

4 OF II

EXISTING GRAVEL

JANUARY 2023.

INDIANA LICENSE NO. 20100070

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR SURVEYOR LOCATION REPORT

DATE: JANUARY 4, 2024

DRAWN BY: REUBEN Q. ARVIN, SI

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DEMOLITION NOTES

- REMOVE FENCE AS NEEDED.
- REMOVE RIP-RAP AS NEEDED FOR PROPOSED OPEN DITCH CROSS SECTION.
- REMOVE EXISTING HEADWALL & APRON.
- REMOVE AND RESET END SECTION. REMOVE ONE SECTION OF PIPE.
- REMOVE EXISTING TILE AS NEEDED TO INSTALL DRAIN OUTLET PER DETAIL O-I ON SHEET 8.

PLAN NOTES

- TEMPORARY EMBANKMENT AREA USING SPOILS FROM DREDGING. REMOVE TEMPORARY FILL AND RESTORE AREA TO ORIGINAL GRADE WHEN DREDGING COMPLETE. SEE DETAIL 6 ON SHEET 9.
- RESET EXISTING END SECTION SO THAT DOWNSTREAM END IS AT STA: 24+16.95, 6.8I-FEET RIGHT; INV = 820.50. INSTALL TOE ANCHOR PER DETAIL 0-5 ON SHEET 8 REFER TO DETAIL D-23 ON SHEET 8 FOR
- REMOVE EXISTING BULKHEAD

PIPE PROVIDED BY OTHERS.

BEDDING AND BACKFILL.

- STA: 32+69.64; 9.06-FEET RIGHT; INV = 819.48 INSTALL 6-LF OF 30" Ø RCP @ 0.11% SLOPE. UPSTREAM INVERT = 819.48.
- 108" Ø MANHOLE; CASTING CT-I STA: 32+69.04; 0.00' OFFSET TC: 832.00 831.42

PROPOSED STRUCTURE #601

- BOTTOM INV = 818.63 [AT CENTER STRUCTURE] 72" Ø (SW) INV = 819.47 [AT CENTER STRUCTURE] 819.22 REFER TO DETAILS D-21 & CT-I ON SHEET 8
- INSTALL 30-LF OF 72" Ø RCP @ 0.17% SLOPE. DOWNSTREAM INVERT = 819.42. 819.29

INSTALL 6-LF OF 72" Ø RCP @ 0.48% SLOPE.
MATCH EXISTING UPSTREAM INVERT = 821.80±.

HATCH LEGEND

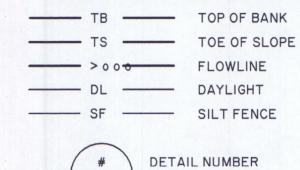
RIP-RAP OR CONSTRUCTION ENTRANCE PER DETAILS ON SHEET IO OPERATIONAL SIDE

TEMPORARY EMBANKMENT AREA & OPERATIONAL SIDE. SEE DETAIL 6 ON SHEET 9.

SEEDING

19+00

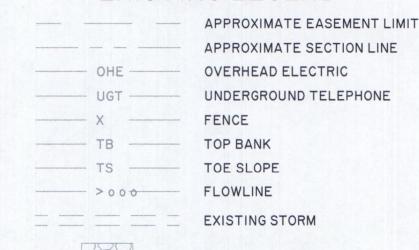
PROPOSED LEGEND



19+81

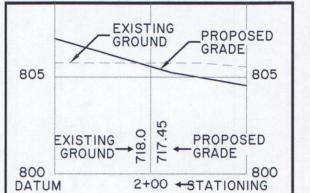
SHEET NUMBER

EXISTING LEGEND



EXISTING GRAVEL

PROFILE LEGEND



PLAN VIEW
SCALE: I"=40"

PROFILE VIEW HORIZONTAL SCALE: I"=40' VERTICAL SCALE: I"=4' REFER TO GENERAL NOTES

ON SHEET I

INDIAN

825 825 NO FLOWLINE WORK BETWEEN STA: 14+54 TO **AS BUILT** 23.90-LF @ 9.50% SLOPE EXISTING 820 15+35 - BANK WORK ONLY FLOWLINE 0.12% SLOPE

383.61-LF @ 0.17% SLOPE 000< - 000< _____ 000< ____ 815 815 PROPOSED GRADE BREAK 815 END PROJECT 54-LF @ 0.17% SLOPE STA: 19+18.61 ELEV: 817.13 STA: 19+42.51 ELEV: 819.40 PROPOSED FLOWLINE EXISTING STA: 14+00 12" Ø SANITARY SEWER ELEV: 816.26 816.05 810 INV = 810.89 810 AS-BUILT STA: 18+92.80 FL ELEV= 816.66 805

17+00

18+00

16+00

THE AS-BUILT SURVEY USED THE FOLLOWING DATUM: HORIZONTAL DATUM: NAD 1983 (CONUS) INDIANA EAST 1301, US SURVEY FEET VERTICAL DATUM: (NAVD 88) (GEOID 12A)

"AS-BUILT" CERTIFICATION

"AS BUILT" INFORMATION COLLECTED BY HAMILTON COUNTY SURVEYOR'S OFFICE. I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF, A TRUE AND CORRECT REPRESENTATION OF THE LOCATIONS AND ELEVATIONS OF THE "AS-BUILT" REGULATED DRAIN IMPROVEMENTS. INFORMATION OBTAINED BY FIELD SURVEY IN **JANUARY 2023.**

CEGISTEAN

No. 20100070

STATE OF

P. WOIAND

BRIAN K. RAYL, PS PROFESSIONAL SURVEYOR **INDIANA LICENSE NO. 20100070**

DATE: JANUARY 4, 2024

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR SURVEYOR LOCATION REPORT

DRAWN BY: REUBEN Q. ARVIN, SI

PLOT DATE: Jan 04, 2024 - 10:53 am

FILE LOCATION: S:\E-Surv\Projects\Regulated Drains\WR Fertig\JW Hawkins Arm\Civil 3D\Source Drawings\\ 176-20 JW Hawkins As-Builts RQA 011723.dwg

CERTIFIED BY:

Ceux' xmy GARY R. DUNCAN, JR., P.E. DATE: 11 446 21

> ERTIG 3 JW HAWKINS FENANCE

PROFILI FERTIG 8. CH MAINTE WR PL

SHEET NO. 3 OF

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15+00

14+00

RECORD DRAWING

DEMOLITION NOTES

- REMOVE FENCE AS NEEDED.
- REMOVE RIP-RAP AS NEEDED FOR PROPOSED OPEN DITCH CROSS SECTION.
- REMOVE EXISTING HEADWALL & APRON.
- REMOVE AND RESET END SECTION. REMOVE ONE SECTION OF PIPE.
- REMOVE EXISTING TILE AS NEEDED TO INSTALL DRAIN OUTLET PER DETAIL O-I ON SHEET 8.

PLAN NOTES

TEMPORARY EMBANKMENT AREA USING SPOILS FROM DREDGING. REMOVE TEMPORARY FILL AND RESTORE AREA TO ORIGINAL GRADE WHEN DREDGING COMPLETE. SEE DETAIL 6 ON SHEET 9.

RESET EXISTING END SECTION SO THAT DOWNSTREAM END IS AT STA: 24+16.95, 6.8I-FEET RIGHT; INV = 820.50. INSTALL REFER TO DETAIL D-23 ON SHEET 8 FOR

BEDDING AND BACKFILL. REMOVE EXISTING BULKHEAD

PIPE PROVIDED BY OTHERS.

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- G INSTALL 6-LF OF 72" Ø RCP @ 0.48% SLOPE.
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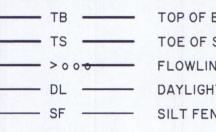
HATCH LEGEND

RIP-RAP OR CONSTRUCTION ENTRANCE PER DETAILS ON SHEET IO

OPERATIONAL SIDE TEMPORARY EMBANKMENT AREA & OPERATIONAL SIDE. SEE DETAIL 6 ON SHEET 9.

SEEDING

PROPOSED LEGEND



DETAIL NUMBER SHEET NUMBER

EXISTING LEGEND

APPROXIMATE EASEMENT LIMIT APPROXIMATE SECTION LINE OVERHEAD ELECTRIC UNDERGROUND TELEPHONE FENCE TOE SLOPE FLOWLINE >000

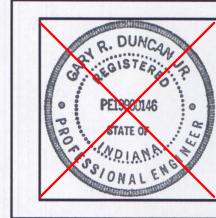
EXISTING STORM

EXISTING GRAVEL

PROFILE LEGEND EXISTING GROUND EXISTING 08 PROPOSED GRADE 2+00 +STATIONING

PLAN VIEW
SCALE: I"=40"

HORIZONTAL SCALE: I"=40" VERTICAL SCALE: I"=4" REFER TO GENERAL NOTES ON SHEET I



CERTIFIED BY:

CUL Sony GARY R. DUNCAN, JR., P.E. DATE: 11 4VG 21

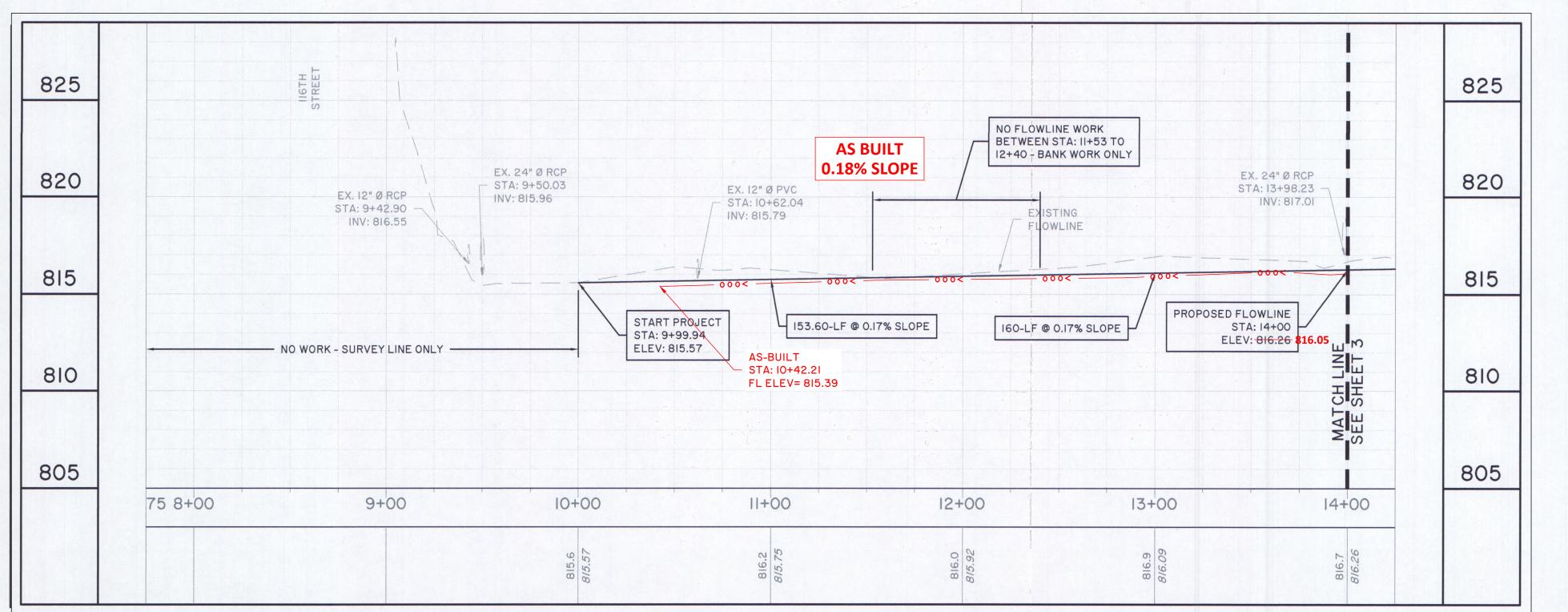
ERTIG 3 JW HAWKINS FENANCE L WR

PROFILE -99 - 14+00 RTIG & MAINTE FERTIG CH MAIN

WR P SHEET NO.

2 OF

PLOT DATE: Jan 04, 2024 - 10:54 am FILE LOCATION: S:\E-Surv\Projects\Regulated Drains\WR Fertig\JW Hawkins Arm\Civil 3D\Source Drawings\\ 176-20 JW Hawkins As-Builts RQA 011723.dwg



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ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR SURVEYOR LOCATION REPORT

DRAWN BY: REUBEN Q. ARVIN, SI

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