

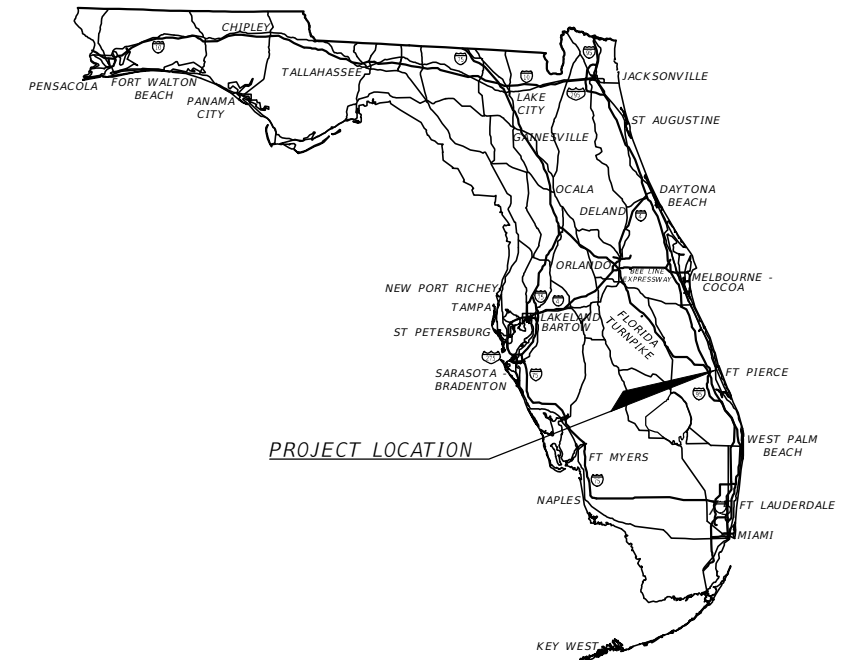
COMPONENTS OF CONTRACT PLANS SET
ROADWAY PLANS
UTILITY REPLACEMENT PLANS

CITY OF FORT PIERCE
ENGINEERING DEPARTMENT

OHIO AVENUE ROADWAY
IMPROVEMENTS

ST.LUCIE COUNTY (94)
PROJECT ID #2019-027

FROM S. 11TH STREET TO U.S. 1

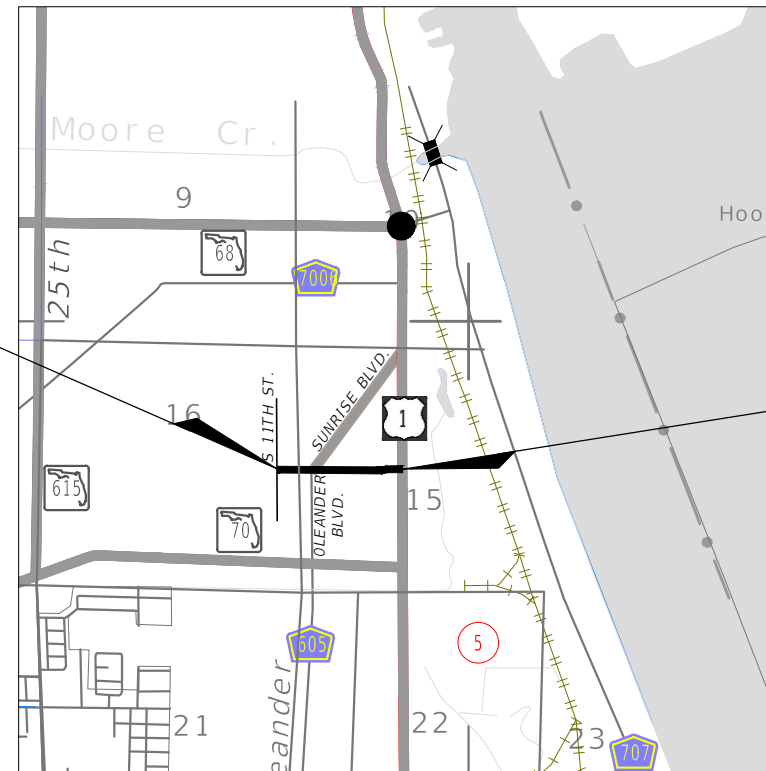


INDEX OF ROADWAY PLANS

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BEGIN PROJECT
STA. 100+14.48

END PROJECT
STA. 126+70.84



SECTION 15 & 16, TOWNSHIP 35 SOUTH, RANGE 40 EAST

KEY MAP
NOT TO SCALE

ROADWAY PLANS
ENGINEER OF RECORD:

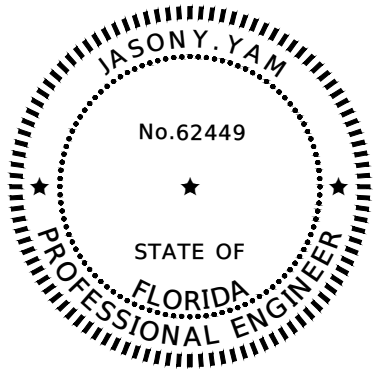
JASON Y. YAM
P.E. NO.:62449
CARDNO
380 PARK PLACE, SUITE 300
CLEARWATER, FL. 33759
CERTIFICATE OF AUTHORIZATION NO.: 29915

GOVERNING STANDARD PLANS:
City of Fort Pierce Department of Engineering Standard, Specifications,
and Details and Florida Department of Transportation, FY2023-24
Standard plans for Road and Bridge Construction and applicable
Interim Revisions (Irs).

Standard Plans for Road Construction and associated Irs are available
at the following website:
<http://www.fdot.gov/design/Standardplans.shtm>

APPLICABLE IRs: IR536-001-01, IR521-001-01

FISCAL YEAR	SHEET NO.
2023	1



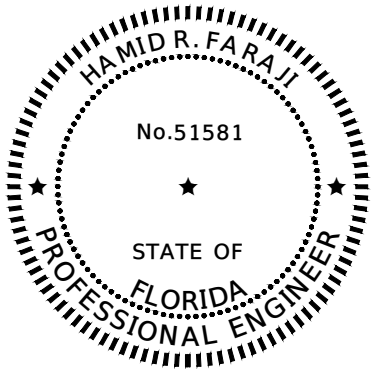
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JASON Y. YAM, PE
 CARDNO
 380 PARK PLACE BOULEVARD, SUITE 300
 CLEARWATER, FL 33759
 PHONE NUMBER: (727) 531-3505

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
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4-6	TYPICAL SECTIONS
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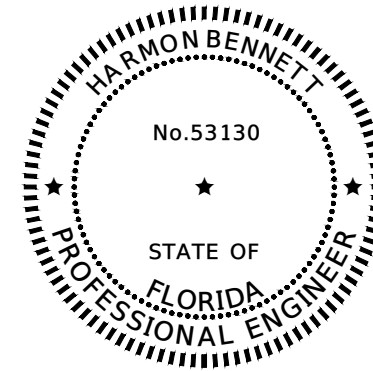
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HAMID R. FARAJI, PE
 CARDNO
 380 PARK PLACE BOULEVARD, SUITE 300
 CLEARWATER, FL 33759
 PHONE NUMBER: (727) 531-3505

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SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
3	DRAINAGE MAP
29-34	DRAINAGE STRUCTURES
35	DRAINAGE DETAILS
38-42	EROSION CONTROL



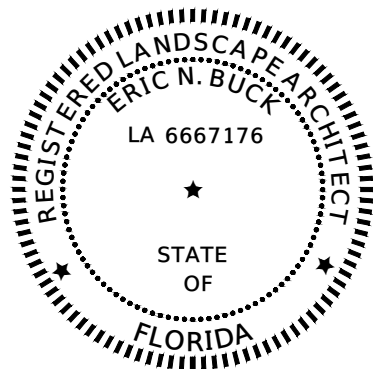
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Harmon C. Bennett, P.E.
 Tierra South Florida, Inc.
 2765 Vista Parkway, Suite 10
 West Palm Beach, FL 33411
 PHONE NUMBER (561)687-8536

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
37	ROADWAY SOIL SURVEY

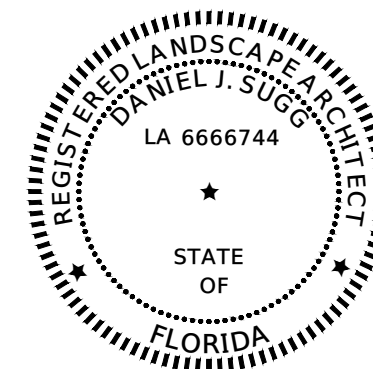


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THE ABOVE NAMED LANDSCAPE ARCHITECT SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G10-11.011, F.A.C.

SHEET NO.	SHEET DESCRIPTION
L-2	IRRIGATION PLAN
L-3	IRRIGATION DETAIL



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THE ABOVE NAMED LANDSCAPE ARCHITECT SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G10-11.011, F.A.C.

SHEET NO.	SHEET DESCRIPTION
L-1	LANDSCAPE PLAN

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



JASON Y. YAM
 LIC. NO.: 62449

DATE

DESIGNED	AWS
DRAWN	AWS
Q.C.	JH

SIGNATURE SHEET

PROJECT NO:	2019-027
DATE:	1/20/2023
SHEET NO:	2

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NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



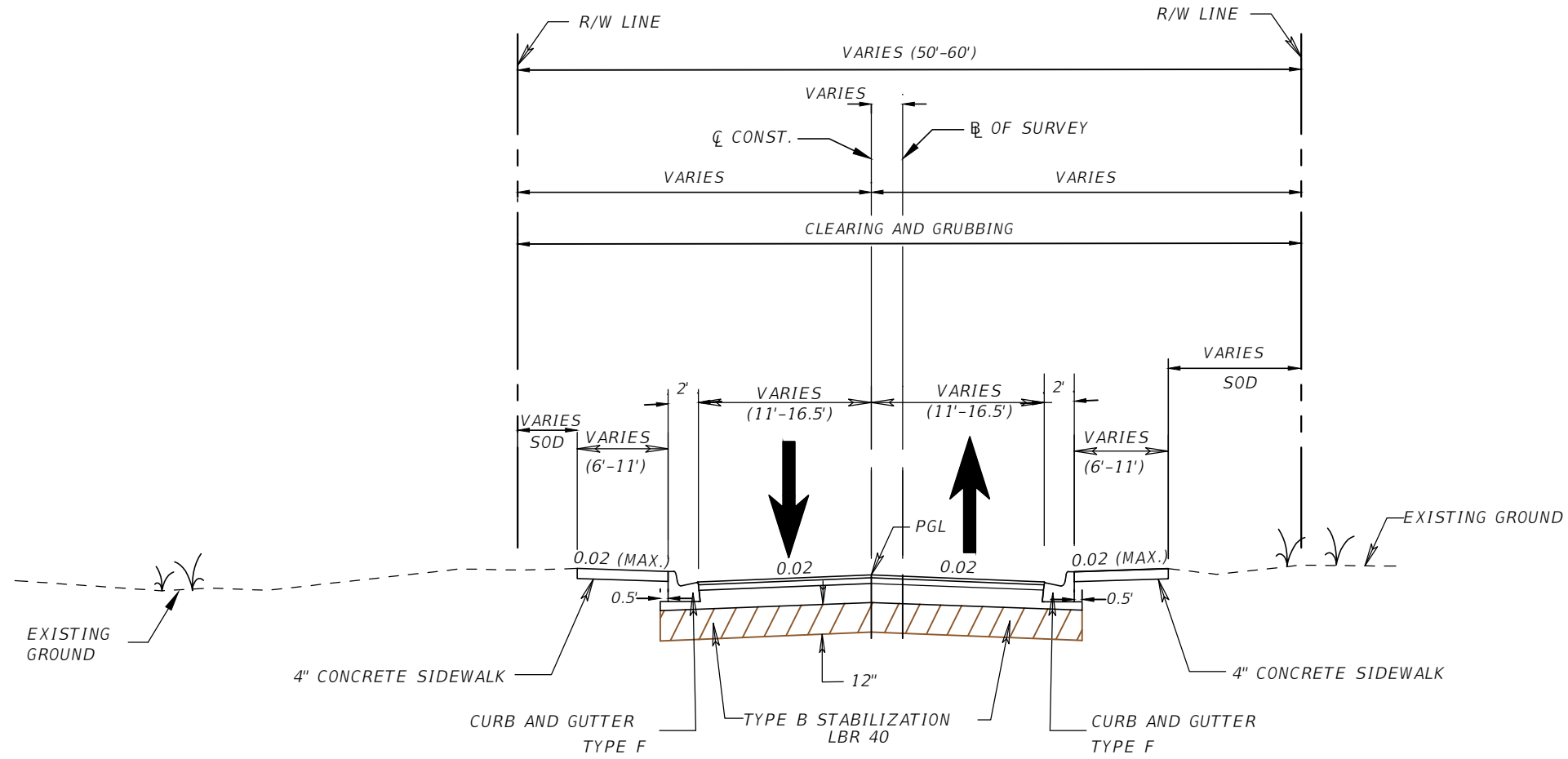
HAMID R. FARAJI, P.E. DATE
LIC. NO.: 51581

DESIGNED JMR
DRAWN JMR
O.C. HRF

DRAINAGE MAP

PROJECT NO: 2019-027
DATE: 1/20/2023
SHEET NO: 3

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TYPICAL SECTION
OHIO AVENUE
STA. 100+14.48 TO STA. 106+34.67
STA. 109+16.25 TO STA. 124+79.03

TRAFFIC DATA

CURRENT YEAR = 2021 AADT = 2050

DESIGN SPEED = 25 MPH

TRAVEL LANES

STRUCTURAL COURSE (TRAFFIC C) TYPE SP-9.5 (1")
STRUCTURAL COURSE (TRAFFIC C) TYPE SP-12.5 (1 1/2")
CEMENTED COQUINA BASE (8")
AND TYPE "B" STABILIZATION SUBGRADE (12")

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



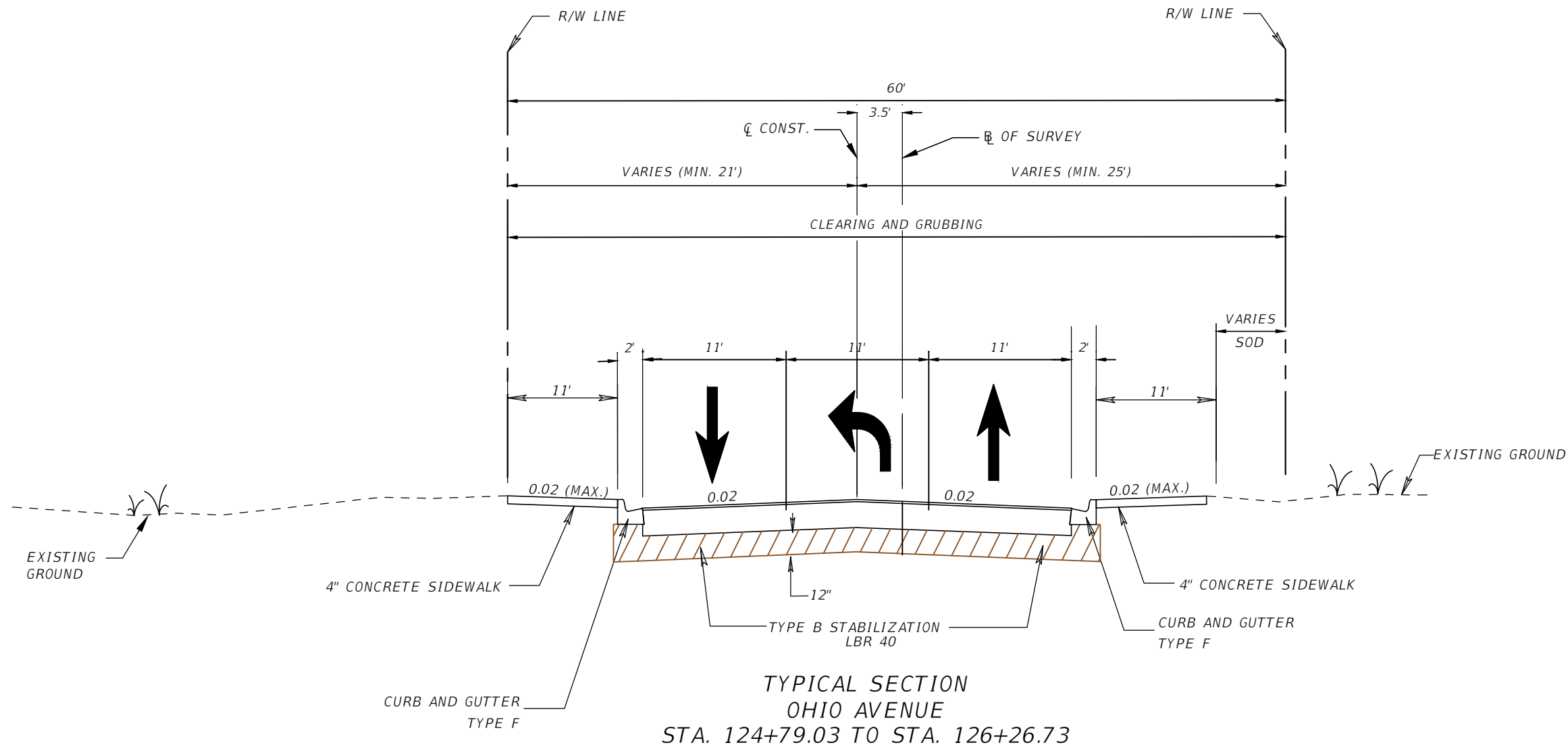
JASON Y. YAM
LIC. NO.: 62449
DATE

DESIGNED
DRAWN AWS
Q.C. AWS
JH

TYPICAL SECTION (1)

PROJECT NO:
2019-027
DATE:
1/09/2023
SHEET NO:
4

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TYPICAL SECTION
OHIO AVENUE
STA. 124+79.03 TO STA. 126+26.73

TRAFFIC DATA

CURRENT YEAR = 2021 AADT = 2050

DESIGN SPEED = 25 MPH

TRAVEL LANES

STRUCTURAL COURSE (TRAFFIC C) TYPE SP-9.5 (1")
STRUCTURAL COURSE (TRAFFIC C) TYPE SP-12.5 (1 1/2")
CEMENTED COQUINA BASE (8")
AND TYPE "B" STABILIZATION SUBGRADE (12")

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS

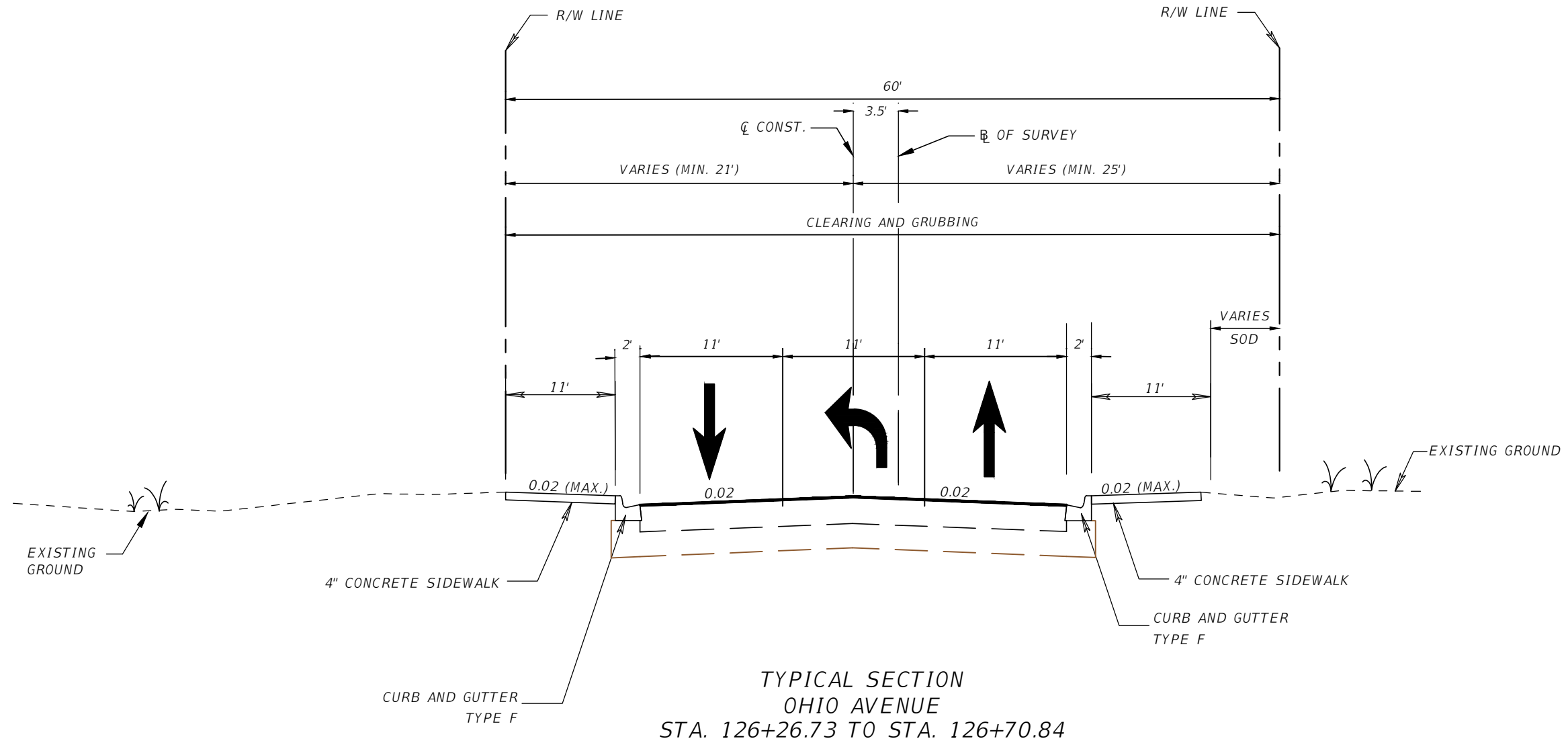


JASON Y. YAM
LIC. NO.: 62449

DESIGNED	AWS
DRAWN	AWS
Q.C.	JH

TYPICAL SECTION (2)

PROJECT NO:	2019-027
DATE:	1/09/2023
SHEET NO:	5



TYPICAL SECTION
OHIO AVENUE
STA. 126+26.73 TO STA. 126+70.84

TRAFFIC DATA
CURRENT YEAR = 2021 AADT = 2050
DESIGN SPEED = 25 MPH

TRAVEL LANES
MILLING EXISTING ASPHALT PAVEMENT (1" AVG. DEPTH)
STRUCTURAL COURSE (TRAFFIC C) TYPE SP-9.5 (1")

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



JASON Y. YAM
LIC. NO.: 62449
DATE

DESIGNED
DRAWN AWS
Q.C. AWS
JH

TYPICAL SECTION (3)

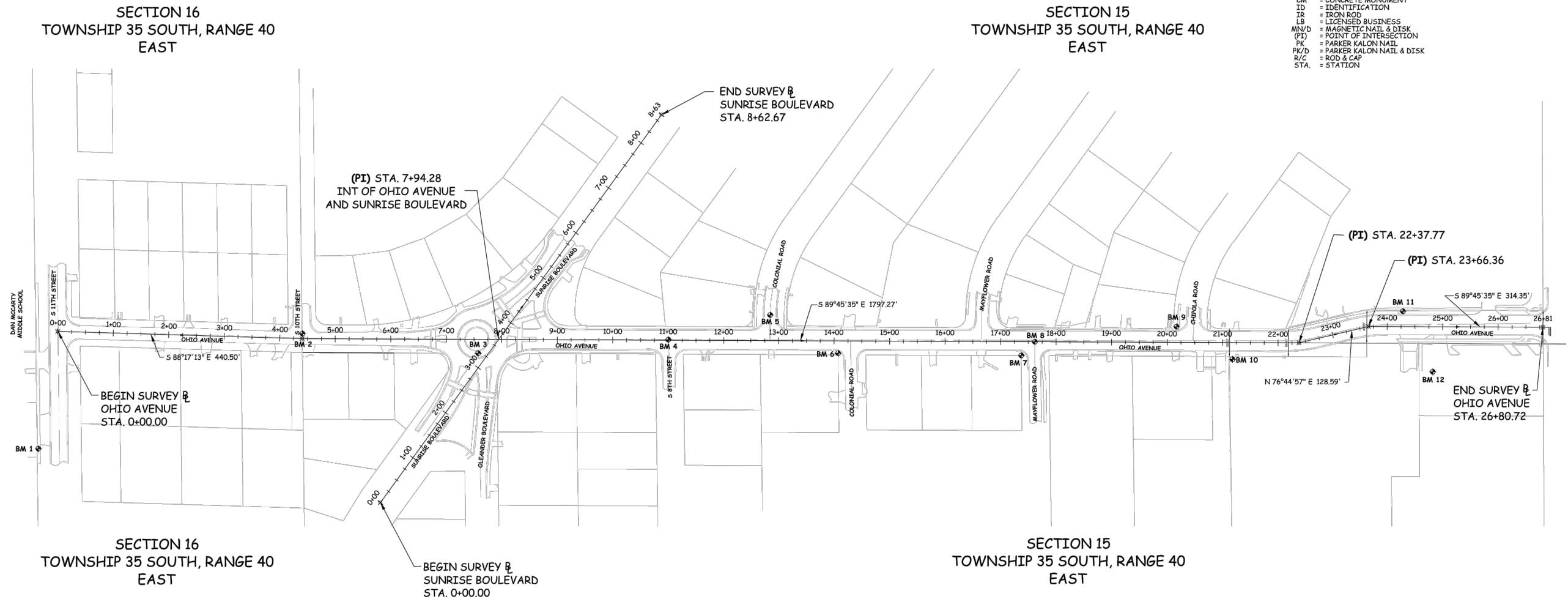
PROJECT NO:
2019-027
DATE:
1/09/2023
SHEET NO:
6

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☪ SURVEY POINTS

- PROJECT CONTROL NOTES:**
1. VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988 (NAVD '88).
 2. PROJECT UNITS: US FEET.
 3. COORDINATES WERE ESTABLISHED BY GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) USING REAL TIME KINEMATICS (RTK) USING FLORIDA DEPARTMENT OF TRANSPORTATION-FLORIDA PERMANENT NETWORK (FDOT-FPRN), WITH REDUNDANCY OF MEASUREMENTS PERFORMED. HORIZONTAL ACCURACY IS 0.03 FOOT PLUS OR MINUS.

- LEGEND**
- ☪ = BENCHMARK
 - = BASELINE
 - = CENTERLINE
 - CM = CONCRETE MONUMENT
 - ID = IDENTIFICATION
 - IR = IRON ROD
 - LB = LICENSED BUSINESS
 - MN/D = MAGNETIC NAIL & DISK
 - (PI) = POINT OF INTERSECTION
 - PK = PARKER KALON NAIL
 - PK/D = PARKER KALON NAIL & DISK
 - R/C = ROD & CAP
 - STA. = STATION



HORIZONTAL AND VERTICAL CONTROL

STAMPING ID	☪ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)
BM 1	- 0 + 30.03	212.37 R	18.23'	MN/D (NO ID)	1126747.11	872065.28
BM 2	4 + 65.16	24.97 L	18.85'	3" X 3" CM (NO ID)	1126970.23	872565.29
BM 3	7 + 57.54	25.12 R	22.04'	PK/D (NO ID)	1126918.91	872857.46
BM 4	11 + 00.15	0.95 L	20.38'	PK (NO ID)	1126943.55	873200.18
BM 5	12 + 84.83	46.31 L	18.64'	PK/D (NO ID)	1126988.13	873385.05
BM 6	14 + 07.37	22.10 R	18.56'	5/8" IR (NO ID)	1126919.21	873507.30
BM 7	17 + 37.50	24.80 R	20.83'	4" X 4" CM (NO ID)	1126915.12	873837.41
BM 8	17 + 62.07	0.14 R	20.36'	PK/D (NO ID)	1126939.68	873862.09
BM 9	20 + 16.97	28.18 L	16.04'	5/8" IR (NO ID)	1126966.93	874117.10
BM 10	21 + 18.05	30.23 R	17.51'	5/8" R/C (VELCON)	1126908.10	874217.94
BM 11	24 + 28.41	27.71 L	17.95'	5/8" R/C (VELCON)	1126994.75	874525.12
BM 12	24 + 82.66	81.25 R	18.55'	MN/D (LB 1078)	1126885.57	874578.92

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



JASON Y. YAM
LIC. NO.: 62449

DATE

DESIGNED
AWS
DRAWN
AWS
O.C.
JH

PROJECT CONTROL

PROJECT NO:
2019-027
DATE:
1/20/2023
SHEET NO:
7

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GENERAL NOTES

1. FIELD VERIFY ANY AND ALL EXISTING CONDITIONS PRIOR TO COMMENCING CONSTRUCTION, AND NOTIFY THE ENGINEER PROMPTLY OF ANY DISCREPANCIES.
 2. THE CONSTRUCTION LENGTHS INDICATED IN THESE PLANS ARE APPROXIMATE. ACTUAL LIMITS MAY BE SET IN THE FIELD AS DIRECTED BY THE ENGINEER.
 3. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME THESE DRAWINGS WERE PREPARED, BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. DETERMINE THE EXACT SIZE, LOCATION, DEPTH, HEIGHT, ELEVATION, DIMENSION, AND EXTENT OF ALL UNDERGROUND AND OVERHEAD FACILITIES AND OTHER FEATURES AFFECTING THIS WORK PRIOR TO PROCEEDING WITH ANY CONSTRUCTION ACTIVITY THAT MAY AFFECT SUCH FACILITIES. REPAIR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.
 4. BE RESPONSIBLE FOR THE COMPLETE COORDINATION OF CONSTRUCTION SCHEDULING BETWEEN THE CONTRACTOR AND ALL UTILITY AGENCIES DURING CONSTRUCTION. THIS INCLUDES MEETING WITH UTILITY AGENCIES PRIOR TO THE PRE-CONSTRUCTION CONFERENCE TO ADJUST THEIR SCHEDULES TO COINCIDE WITH THE CONTRACTORS CONSTRUCTION SCHEDULE.
 5. EXCEPT WHERE THE PLANS AND SPECIFICATIONS PROVIDE THAT SUCH WORK SHALL BE PERFORMED UNDER THE CONTRACT FOR THIS PROJECT, ALL UTILITIES INTERFERING WITH CONSTRUCTION SHALL BE REMOVED, RELOCATED OR ADJUSTED BY THEIR OWNERS, AT THEIR EXPENSE. ARRANGE THE SCHEDULE TO ALLOW UTILITY OWNERS TIME FOR THE NECESSARY RELOCATION AND ADJUSTMENT OF UTILITIES AND RELATED STRUCTURES. THE FOLLOWING UTILITIES MAY HAVE LINES AND FACILITIES WITHIN THE PROJECT AREA.
- | COMPANY | CONTACT | PHONE |
|---|--------------------|------------------------|
| COMCAST BOCA DELRAY | ANTONY SPRINGSTEEL | 561-804-0973 |
| CITY OF FORT PIERCE | | 772-467-3783 |
| FT. PIERCE UTILITIES AUTHORITY
ELECTRIC AND GAS | THIERRY SYNDE | 772-466-1600, EXT 6454 |
| FORT PIERCE UTILITY AUTHORITY
WATER AND WASTEWATER | SHANE OSTRANTER | 772-466-1600 EX:3472 |
| CROWN CASTLE NG | | 888-632-0931 EX:2 |
| AT & T DISTRIBUTION | LUKE FOLKERTS | 321-953-6172 |
6. CALL "SUNSHINE STATE ONE CALL" AT 800-432-4770 48 HOURS IN ADVANCE FOR UTILITY LOCATES.
 7. ALL UTILITY OWNERS MAY NOT BE A MEMBER OF SUNSHINE 811 AND WILL REQUIRE DIRECT CONTACT. COORDINATE WITH UTILITY OWNERS TO RESOLVE CONFLICTS THAT MAY ARISE IN THE FIELD DURING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY UTILITIES DAMAGED AS A RESULT OF THE CONTRACTOR'S FAILURE TO CALL "SUNSHINE STATE ONE CALL" 1-800-432-4770 AND THE UTILITY OWNERS.
 8. ALL EXISTING AND PROPOSED UTILITY AND STORM SEWER STRUCTURES WHOSE TOPS WILL BE EXPOSED WITHIN ANY SIDEWALK OR PAVED AREA SHALL BE ADJUSTED SO THAT THE TOP SURFACE OF COVERS OR FRAMES SHALL BE FLUSH WITH THE SIDEWALK OR PAVEMENT SURFACE. ALL EXISTING AND PROPOSED UTILITY AND STORM SEWER STRUCTURES WHOSE TOPS WILL BE EXPOSED WITHIN UNPAVED AREAS SUBJECT TO VEHICULAR, BICYCLE, OR PEDESTRIAN TRAFFIC SHALL BE ADJUSTED SO THAT THE TOP SURFACE OF COVERS OR FRAMES SHALL BE NO MORE THAN ONE INCH ABOVE THE FINISHED GRADE. WHERE SODDING IS APPLIED, "FINISHED GRADE" SHALL BE THE NOMINAL HEIGHT OF GRASS AFTER THE SOD IS FIRMLY PLACED.
 9. SEPARATE PAYMENT SHALL BE MADE ONLY FOR THE ITEMS OF WORK LISTED AND IDENTIFIED BY APPROPRIATE PAY ITEM ON THE BID FORM. THE COST OF ANY RELATED WORK NOT SPECIFICALLY IDENTIFIED, BUT WHICH IS REQUIRED FOR SATISFACTORY COMPLETION OF THE WORK, SHALL BE CONSIDERED TO BE INCLUDED IN THE CONTRACT PRICE FOR THE APPROPRIATE BID ITEM.
 10. A FOREMAN, OR RESPONSIBLE PARTY, SHALL BE ON SITE AT ALL TIMES WHEN WORK IS BEING PERFORMED. ALL WORKERS ON THE JOB SITE WILL BE COURTEOUS TO THE PUBLIC AT ALL TIMES, AND SHALL REFER ANY QUESTIONS OR CONCERNS TO THE CONTRACTOR'S FOREMAN OR THE ENGINEER. THE FOREMAN SHALL SPEAK AND UNDERSTAND ENGLISH AND SHALL BE AVAILABLE AT ALL TIMES FOR TIMELY RESOLUTION OF PROJECT-RELATED ISSUES.

11. ALL EXISTING STORM STRUCTURES AND PIPES WITHIN THE AFFECTED RIGHT-OF-WAY CORRIDOR ARE TO BE REMOVED UNLESS OTHERWISE NOTED IN THE PLANS TO REMAIN.
12. PROPOSED STORMWATER PIPES SHALL BE ALL REINFORCED CONCRETE (RCP) CLASS II UNLESS OTHERWISE SPECIFIED.
13. BE RESPONSIBLE FOR ALL SITE RESTORATION EFFORTS THAT MAY BE REQUIRED AS A RESULT OF CONSTRUCTION. USE WHATEVER METHODS, CONFORMING TO APPLICABLE STANDARDS, NECESSARY TO PREVENT EROSION AND SILTATION AS MAY BE REQUIRED FOR THE PROJECT.
14. ALL EROSION CONTROL FENCES, BARRIERS, AND SILTATION DEVICES SHALL BE ERECTED PRIOR TO ANY LAND ALTERATIONS, SHALL BE MAINTAINED IN GOOD WORKING ORDER DURING CONSTRUCTION, AND REMOVED FOLLOWING SOIL STABILIZATION AND FINAL DRESSING. BUILT-UP SEDIMENT WILL BE REMOVED FROM SILT FENCES AND STAKED TURBIDITY BARRIERS WHEN IT HAS REACHED ONE THIRD THE HEIGHT OF THE FENCE/BARRIER. STOCKPILE AREAS SHALL INCLUDE SILT FENCE AROUND THE PERIMETER.
15. CHECK ALL EROSION AND SILTATION CONTROL DEVICES WEEKLY, AND AFTER EACH RAINFALL, AND REPAIR AND REPLACE THEM WITHIN 24 HOURS. MAINTENANCE AND INSPECTION OF THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION CONTROL SHALL BE INCLUDED IN THE COST OF PAY ITEMS LISTED.
16. INSTALL AND MAINTAIN SEDIMENT AND EROSION CONTROL MEASURES THROUGHOUT THE DURATION OF THE PROJECT.
17. DO NOT RESTRICT OR BLOCK THE EXISTING DRAINAGE FLOW OVERLAND OR WITHIN THE RESHAPED SWALES. FLOW WITHIN EXISTING DRAINAGE PIPES SHALL BE MAINTAINED AT ALL TIMES. STORMWATER WILL BE CONVEYED VIA EXISTING SWALES, DITCHES, PROPOSED DITCHES, AND EXISTING AND PROPOSED STORM SEWERS.
18. ALL AREAS OF EXPOSED EARTH RESULTING FROM CONSTRUCTION ACTIVITIES SHALL BE SODDED AS DIRECTED BY THE ENGINEER. SEEDING AND MULCHING SHALL BE APPLIED ONLY WHERE SPECIFICALLY CALLED FOR IN THE PLANS, OR WHERE SPECIFICALLY DIRECTED BY THE ENGINEER.
19. SOD STABILIZATION SHALL OCCUR WITHIN 72 HOURS OF ACHIEVING FINAL GRADE. ALL SLOPES STEEPER THAN 1:3 SHALL INCLUDE SOD STAPLING OR STAKING, THE COST OF WHICH IS INCLUDED IN THE PAY ITEM FOR PERFORMANCE TURF SOD (SY).
20. PROVIDE ALL SHEETING, SHORING, AND BRACING REQUIRED TO PROTECT ADJACENT STRUCTURES OR TO MINIMIZE TRENCH WIDTH. WHERE A SEPARATE PAY ITEM IS NOT PROVIDED, THE COST OF ALL SHEETING, SHORING, AND BRACING REQUIRED SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE ITEM OF WORK FOR WHICH SHEETING, SHORING, AND BRACING IS REQUIRED.
21. UNSUITABLE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF-SITE, AT A SUITABLE SITE PROVIDED BY THE CONTRACTOR. BE RESPONSIBLE FOR ANY AND ALL PERMITS AND PERMITTING FEES REQUIRED FOR THE TRANSPORT AND DISPOSAL OF UNSUITABLE MATERIAL.
22. BORROW MATERIAL REQUIRED FOR CONSTRUCTION OF THE PROJECT SHALL BE PROVIDED BY THE CONTRACTOR, FROM BORROW AREAS PROVIDED BY THE CONTRACTOR.
23. ENDEAVOR TO PROTECT PRIVATE PROPERTY. ANY PRIVATELY OWNED FEATURES LOCATED ON PRIVATE PROPERTY AND OUTSIDE THE DESIGNATED AREA OF CONSTRUCTION WHICH ARE DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPAIRED IN A TIMELY MANNER AT THE EXPENSE OF THE CONTRACTOR. PAYMENT SHALL NOT BE MADE FOR THIS WORK.
24. EXISTING ROADWAY MATERIALS SUCH AS SHELL, MARL, OR LIMEROCK SUITABLE FOR SUCH MAY BE UTILIZED IN THE PREPARATION OF STABILIZED SUBGRADE.
25. DISTURB NO MORE GROUND THAN WHAT IS NECESSARY FOR CONSTRUCTION. NO OPEN EXCAVATED TRENCH, OR OTHER UNSAFE CONDITION WILL BE LEFT OVERNIGHT. ALL WORK SITES WILL BE COMPLETELY RESTORED WITHIN SEVEN (7) CALENDAR DAYS OF FINAL STREET PAVEMENT MARKINGS. THE INTENT OF THIS PROVISION IS TO "SAFE-UP" THE PROJECT SITE AS WORK PROGRESSES AND SHALL INCLUDE REMOVING FORMS, FILLING HOLES, GRADING, AND REMOVAL OF DEBRIS.
26. ALL SIDEWALK DAMAGED BY THE CONTRACTOR OR SUBCONTRACTOR SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR, AT THE DIRECTION OF THE ENGINEER.

27. BE RESPONSIBLE FOR THE COMPLETE STAKE-OUT OF THE PROJECT, I.E., LINE, GRADE, SLOPE, UTILITY RELOCATIONS OR ANY OTHER STAKE-OUT THAT MAY BE REQUIRED TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE PLANS. ANY AND ALL EXPENSES INCURRED FOR THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS. NO ADDITIONAL PAYMENT SHALL BE MADE FOR THIS WORK.
28. ANY DAMAGE TO STATE, COUNTY, OR LOCAL ROADS CAUSED BY THE CONTRACTOR'S HAULING OR EXCAVATION EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER. PAYMENT SHALL NOT BE MADE FOR THIS WORK.
29. DRIVEWAY LOCATION AND WIDTH MAY BE FIELD ADJUSTED DURING CONSTRUCTION WITH THE APPROVAL OF THE ENGINEER IN COORDINATION WITH REQUESTS FROM PROPERTY OWNERS. DRIVEWAY WIDTH SHALL BE A MINIMUM OF 12 FEET. USE STANDARD INDEX 522-003 DETAIL A1 FOR DRIVEWAY HALF SECTION.
30. AT LEAST 21 DAYS PRIOR TO THE COMMENCEMENT OF ANY DEWATERING ACTIVITY, SUBMIT A DEWATERING PLAN TO THE ENGINEER AND TO THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT. THE DEWATERING PLAN SHALL INCLUDE DESCRIPTIONS AND GRAPHICS AS NEEDED TO IDENTIFY THE LOCATION OF THE DEWATERING SITES AND THE SEDIMENT SUMP, EXPECTED DURATION OF THE DEWATERING PERIOD, METHODS TO RETAIN OR DETAIN DISCHARGE, METHODS OF ISOLATING THE DEWATERING AREAS, FLOW PATH AND POINTS OF DISCHARGE OF THE WATER. THIS PLAN SHALL INCLUDE DESIGN COMPUTATIONS, LAYOUT, TYPE, AND SPACING OF DEWATERING DEVICES, NUMBER AND SIZE OF PUMPS AND OTHER EQUIPMENT, WITH A DESCRIPTION OF THE INSTALLATION AND OPERATING PROCEDURES. WELLPOINT PUMP DISCHARGE SHALL BE CONTROLLED TO PREVENT EROSION, UNDERMINING, AND ALL OTHER DAMAGE, AND BE PIPED TO APPROVED LOCATIONS.
31. DURING DEWATERING OPERATIONS, DO NOT DISCHARGE DIRECTLY TO RECEIVING WATERS, EXISTING CONVEYANCES TO RECEIVING WATERS, OR WETLAND SYSTEMS. TEMPORARY SEDIMENT BASINS, TRAPS, OR SILTATION REDUCTION DEVICES SHALL BE UTILIZED TO COLLECT THE DISCHARGE FROM DEWATERING ACTIVITIES TO ELIMINATE THE POTENTIAL FOR OFFSITE SEDIMENT TRANSPORT AND TO ENSURE THAT DIRECT DISCHARGE DOES NOT OCCUR.
32. COMPLY WITH ANY AND ALL APPLICABLE REGULATIONS AND PERMITTING REQUIREMENTS CONCERNING GROUNDWATER PUMPAGE AND DISCHARGE. DEPENDING ON THE DURATION OF THE DEWATERING NEEDED, A WATER USE PERMIT MAY BE REQUIRED FOR DEWATERING. REFER TO 40D-4.301(1) (E), F.A.C.
33. SAW CUT EXISTING PAVEMENT JOINTS AT ALL PROPOSED DRIVEWAY AND SIDEWALK CONNECTIONS.
34. PROVIDE THE CITY A COPY OF ALL PERMITS REQUIRED FOR CONSTRUCTION OF THE PROJECT.
35. ACCESS FOR LOCAL TRAFFIC WITH DESTINATIONS WITHIN THE PROJECT LIMITS SHALL BE MAINTAINED. IF IT BECOMES NECESSARY DURING CONSTRUCTION TO TEMPORARILY PROHIBIT ACCESS TO LOCAL TRAFFIC, THE CONTRACTOR SHALL, ON EACH SEPARATE OCCASION, NOTIFY ALL AFFECTED PROPERTY OWNERS AND AREA EMERGENCY SERVICES AT LEAST THREE DAYS (72 HOURS) IN ADVANCE.
36. ANY U.S. COASTAL & GEODETIC SURVEY MONUMENT WITHIN LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, NOTIFY ST. LUCIE COUNTY.

NO.	DESCRIPTION	BY	DATE
-----	-------------	----	------

OHIO AVENUE ROADWAY IMPROVEMENTS



JASON Y. YAM
LIC. NO.: 62449

DESIGNED
AWS
DRAWN
AWS
O.C.
JH
DATE

GENERAL NOTES

PROJECT NO:
2019-027
DATE:
1/20/2023
SHEET NO:
8

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

**DAN MCCARTY
MIDDLE SCHOOL**

PID#:2415-703-0099-000-8
**SUNRISE ESTATES
BLOCK 6
LOT 12
(PB 8, PG 75)**

PID#:2415-703-0098-000-1
**SUNRISE ESTATES
BLOCK 6
LOT 11
(PB 8, PG 75)**

PID#:2415-703-0097-000-4
**SUNRISE ESTATES
BLOCK 6
LOT 10
(PB 8, PG 75)**

RIM= 18.98
N INV= 11.92
E INV= 11.48
*DROP INVERT
UPPER SW INV= 15.08
LOWER SW INV= 11.62

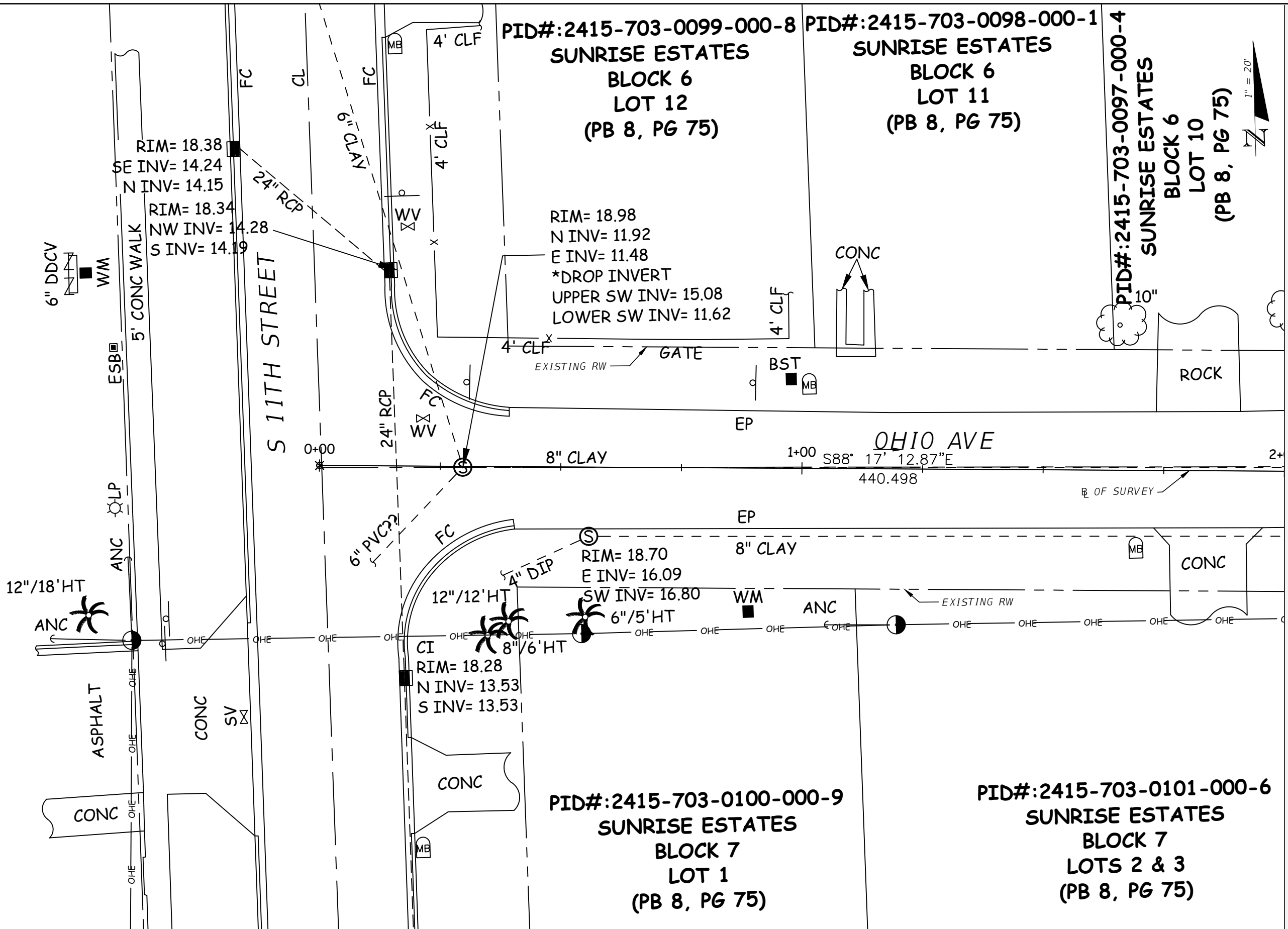
RIM= 18.70
E INV= 16.09
SW INV= 16.80
RIM= 18.28
N INV= 13.53
S INV= 13.53

PID#:2415-703-0101-000-6
**SUNRISE ESTATES
BLOCK 7
LOTS 2 & 3
(PB 8, PG 75)**

PID#:2415-703-0100-000-9
**SUNRISE ESTATES
BLOCK 7
LOT 1
(PB 8, PG 75)**



MATCHLINE STA - 2+00.00



NO.	DESCRIPTION	BY	DATE

**OHIO AVENUE ROADWAY
IMPROVEMENTS**



JASON Y. YAM
LIC. NO.: 62449

DESIGNED
DRAWN
O.C.
DATE

**EXISTING CONDITIONS
SURVEY (1)**

PROJECT NO:
2019-027
DATE:
1/09/2023
SHEET NO:
9

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PID#:2415-703-0096-000-7
 SUNRISE ESTATES
 BLOCK 6
 LOT 9
 (PB 8, PG 75)

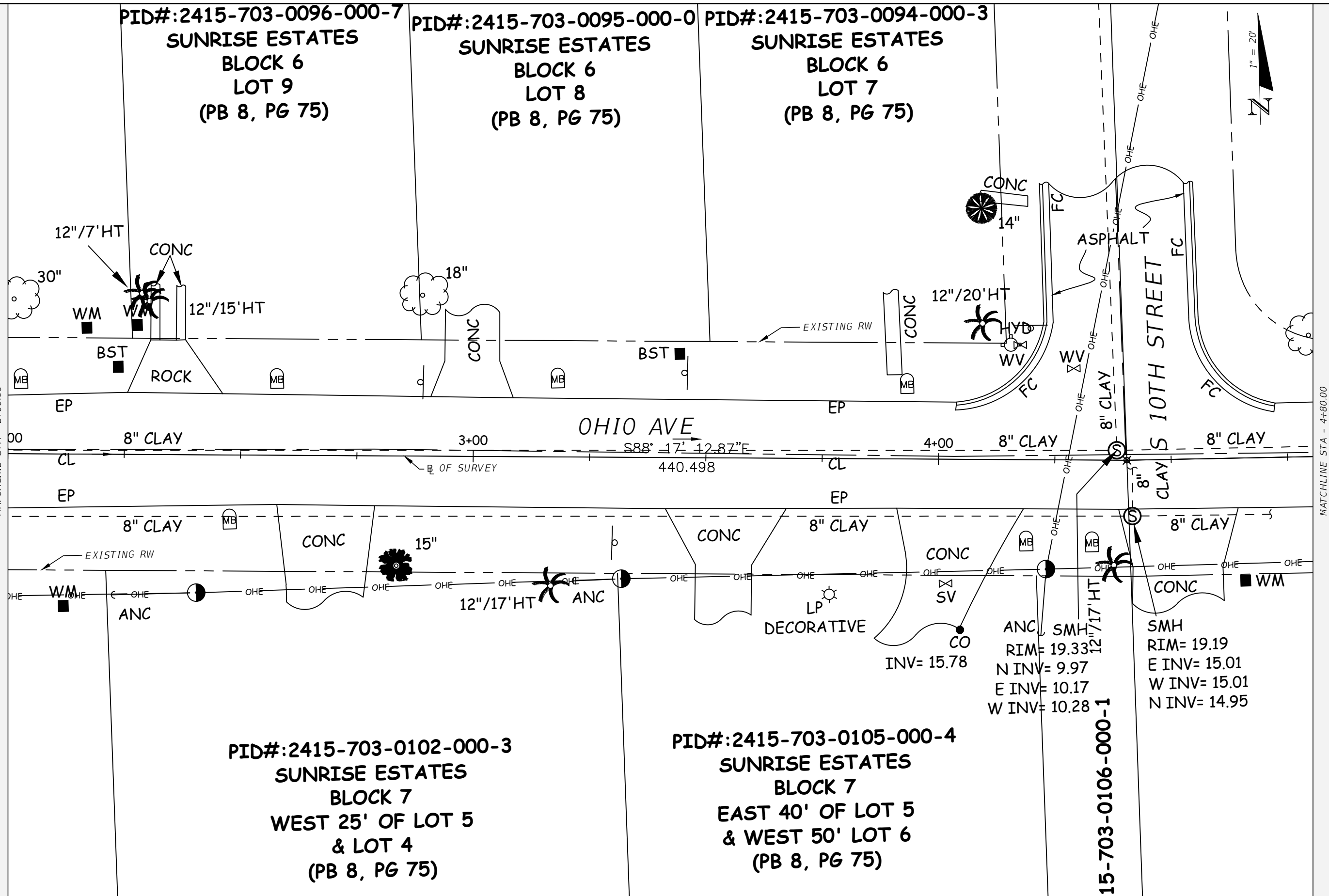
PID#:2415-703-0095-000-0
 SUNRISE ESTATES
 BLOCK 6
 LOT 8
 (PB 8, PG 75)

PID#:2415-703-0094-000-3
 SUNRISE ESTATES
 BLOCK 6
 LOT 7
 (PB 8, PG 75)

PID#:2415-703-0102-000-3
 SUNRISE ESTATES
 BLOCK 7
 WEST 25' OF LOT 5
 & LOT 4
 (PB 8, PG 75)

PID#:2415-703-0105-000-4
 SUNRISE ESTATES
 BLOCK 7
 EAST 40' OF LOT 5
 & WEST 50' LOT 6
 (PB 8, PG 75)

15-703-0106-000-1



ANC SMH
 RIM= 19.33
 N INV= 9.97
 E INV= 10.17
 W INV= 10.28

SMH
 RIM= 19.19
 E INV= 15.01
 W INV= 15.01
 N INV= 14.95

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



JASON Y. YAM
 LIC. NO.: 62449

DESIGNED
 AWS
 DRAWN
 AWS
 Q.C.
 JH

EXISTING CONDITIONS SURVEY (2)

PROJECT NO:
 2019-027
 DATE:
 1/09/2023
 SHEET NO:
 10

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PID#:2415-601-0348-000-6
 PINWOOD SUBDIVISION
 BLOCK 24
 LOT 1 & A PORTION
 OF LOT 1A
 (PB 5, PG 24)

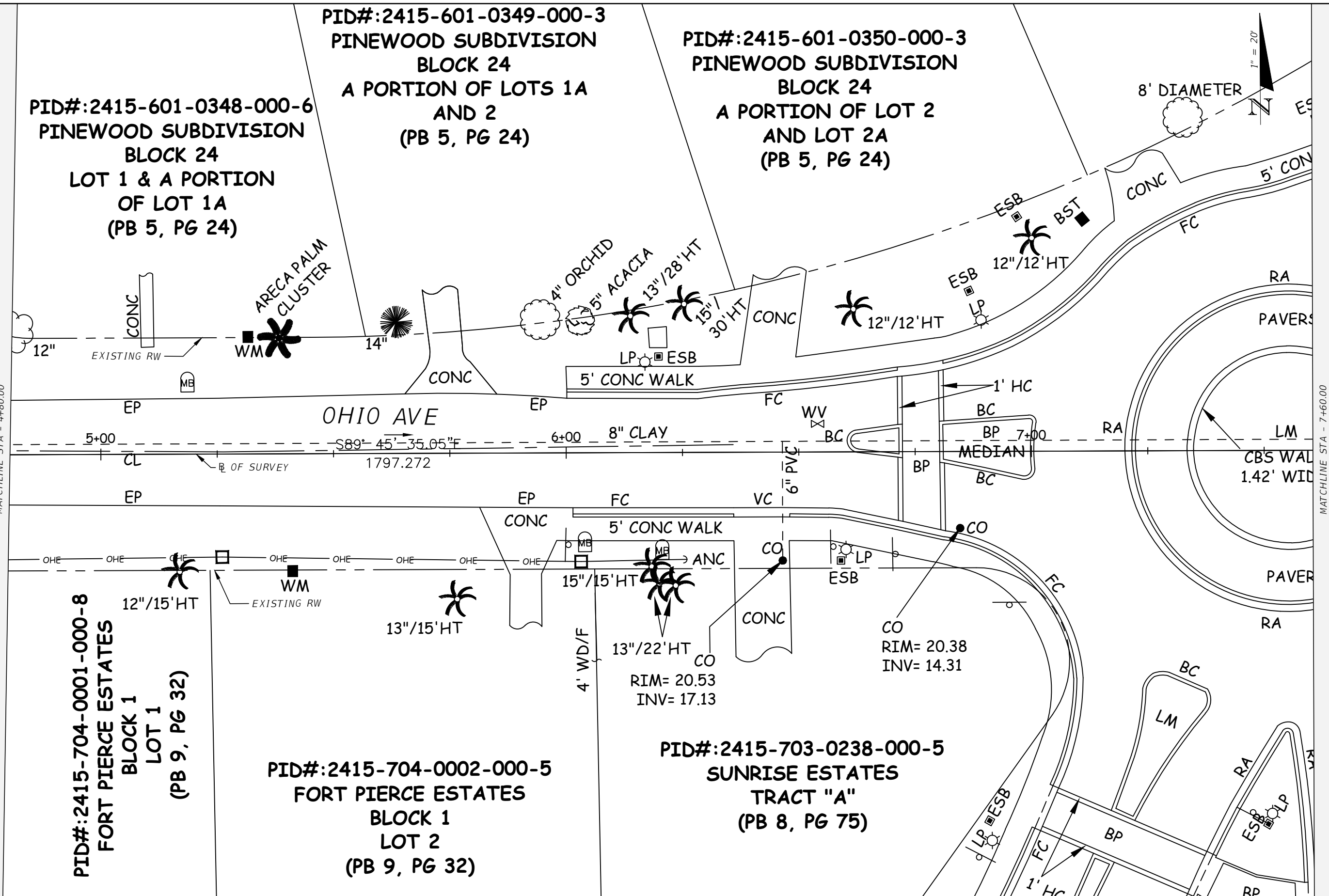
PID#:2415-601-0349-000-3
 PINWOOD SUBDIVISION
 BLOCK 24
 A PORTION OF LOTS 1A
 AND 2
 (PB 5, PG 24)

PID#:2415-601-0350-000-3
 PINWOOD SUBDIVISION
 BLOCK 24
 A PORTION OF LOT 2
 AND LOT 2A
 (PB 5, PG 24)

PID#:2415-704-0001-000-8
 FORT PIERCE ESTATES
 BLOCK 1
 LOT 1
 (PB 9, PG 32)

PID#:2415-704-0002-000-5
 FORT PIERCE ESTATES
 BLOCK 1
 LOT 2
 (PB 9, PG 32)

PID#:2415-703-0238-000-5
 SUNRISE ESTATES
 TRACT "A"
 (PB 8, PG 75)



NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



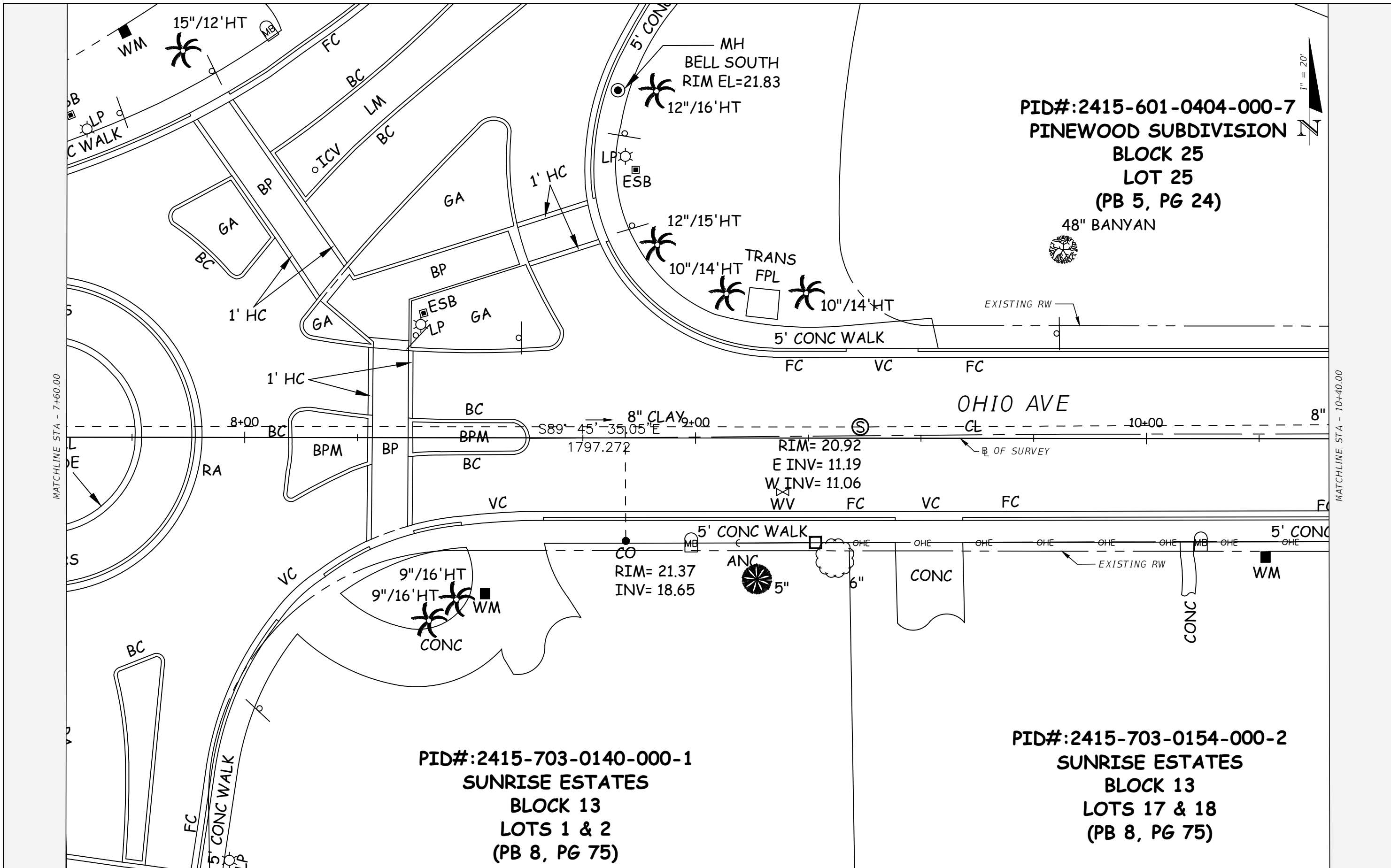
JASON Y. YAM
 LIC. NO.: 62449
 DATE: 1/13/2023 11:26:33 AM

DESIGNED: AWS
 DRAWN: AWS
 Q.C.: JH

EXISTING CONDITIONS SURVEY (3)

PROJECT NO: 2019-027
 DATE: 1/09/2023
 SHEET NO: 11

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PID#:2415-601-0404-000-7
 PINEWOOD SUBDIVISION
 BLOCK 25
 LOT 25
 (PB 5, PG 24)

48" BANYAN

PID#:2415-703-0140-000-1
 SUNRISE ESTATES
 BLOCK 13
 LOTS 1 & 2
 (PB 8, PG 75)

PID#:2415-703-0154-000-2
 SUNRISE ESTATES
 BLOCK 13
 LOTS 17 & 18
 (PB 8, PG 75)

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



JASON Y. YAM
 LIC. NO.: 62449
 DATE

DESIGNED
 DRAWN
 Q.C.
 DATE

EXISTING CONDITIONS SURVEY (4)

PROJECT NO:
 2019-027
 DATE:
 1/09/2023
 SHEET NO:
 12

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PID#:2415-601-0382-000-6
 PINWOOD SUBDIVISION
 BLOCK 25
 LOT 1
 (PB 5, PG 24)

RIM= 18.38
 S INV= 14.67
 W INV= 14.67

RIM= 18.27
 E INV= 15.32

RIM= 20.40
 E INV= 11.63
 W INV= 11.56

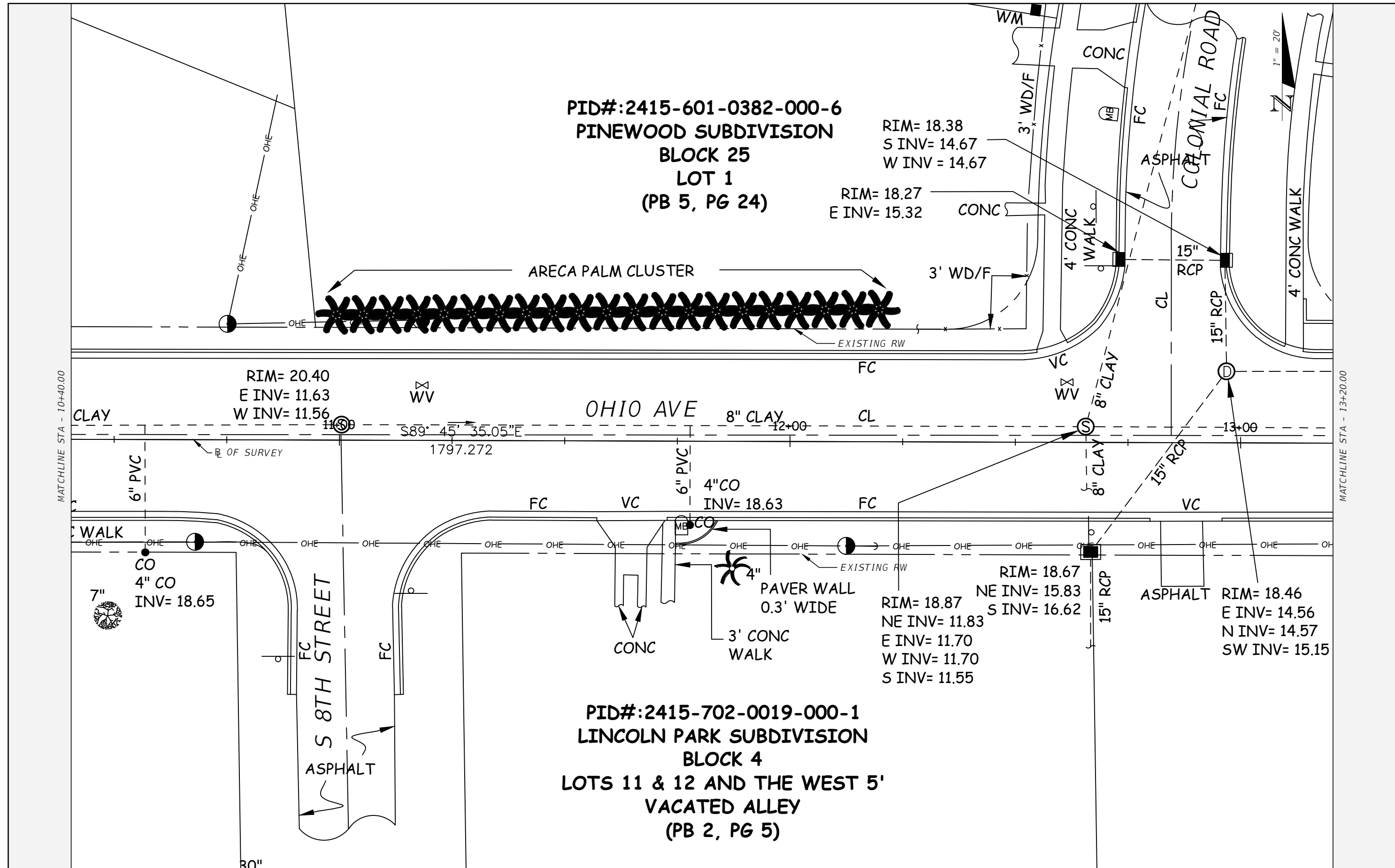
OHIO AVE

PID#:2415-702-0019-000-1
 LINCOLN PARK SUBDIVISION
 BLOCK 4
 LOTS 11 & 12 AND THE WEST 5'
 VACATED ALLEY
 (PB 2, PG 5)

RIM= 18.67
 NE INV= 15.83
 S INV= 16.62

RIM= 18.87
 NE INV= 11.83
 E INV= 11.70
 W INV= 11.70
 S INV= 11.55

RIM= 18.46
 E INV= 14.56
 N INV= 14.57
 SW INV= 15.15



NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



JASON Y. YAM
 LIC. NO.: 62449

DESIGNED: AWS
 DRAWN: AWS
 Q.C.: JH

EXISTING CONDITIONS SURVEY (5)

PROJECT NO: 2019-027
 DATE: 1/09/2023
 SHEET NO: 13

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PID#:2415-601-0421-000-2
 PINEWOOD SUBDIVISION
 BLOCK 26
 LOT 22 & A
 PORTION OF LOT 21
 (PB 5, PG 24)

PID#:2415-601-0405-000-4
 PINEWOOD SUBDIVISION
 BLOCK 26
 LOTS 1 & 2
 (PB 5, PG 24)



RIM= 17.86
 E INV= 14.21
 W INV= 14.16
 S INV= 14.36

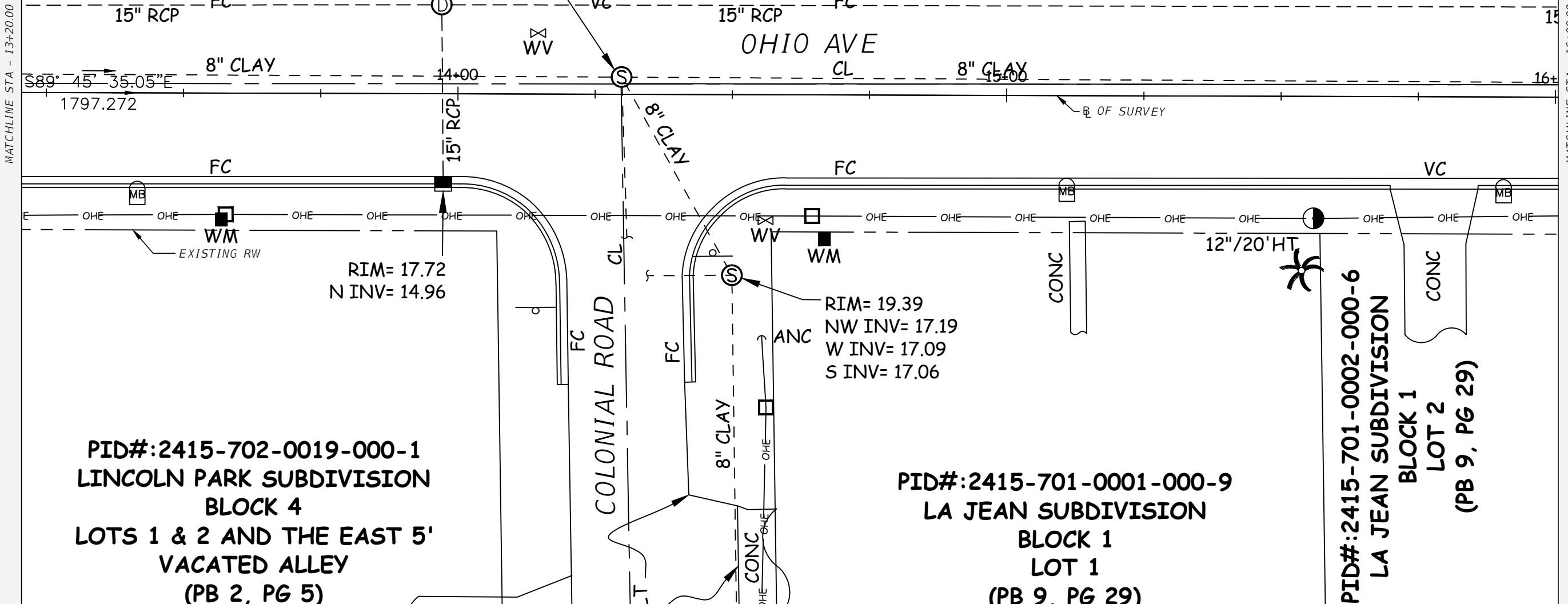
RIM= 17.97
 E INV= 12.14
 W INV= 12.28
 SE INV= 12.25
 S INV= 12.25

CBS WALL
 0.67' WIDE

CBS WALL
 0.67' WIDE

CS/FPL

EXISTING RW



RIM= 17.72
 N INV= 14.96

RIM= 19.39
 NW INV= 17.19
 W INV= 17.09
 S INV= 17.06

PID#:2415-702-0019-000-1
 LINCOLN PARK SUBDIVISION
 BLOCK 4
 LOTS 1 & 2 AND THE EAST 5'
 VACATED ALLEY
 (PB 2, PG 5)

PID#:2415-701-0001-000-9
 LA JEAN SUBDIVISION
 BLOCK 1
 LOT 1
 (PB 9, PG 29)

PID#:2415-701-0002-000-6
 LA JEAN SUBDIVISION
 BLOCK 1
 LOT 2
 (PB 9, PG 29)

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



JASON Y. YAM
 LIC. NO.: 62449

DESIGNED
 DRAWN
 Q.C.
 DATE

EXISTING CONDITIONS SURVEY (6)

PROJECT NO:
 2019-027
 DATE:
 1/09/2023
 SHEET NO:
 14

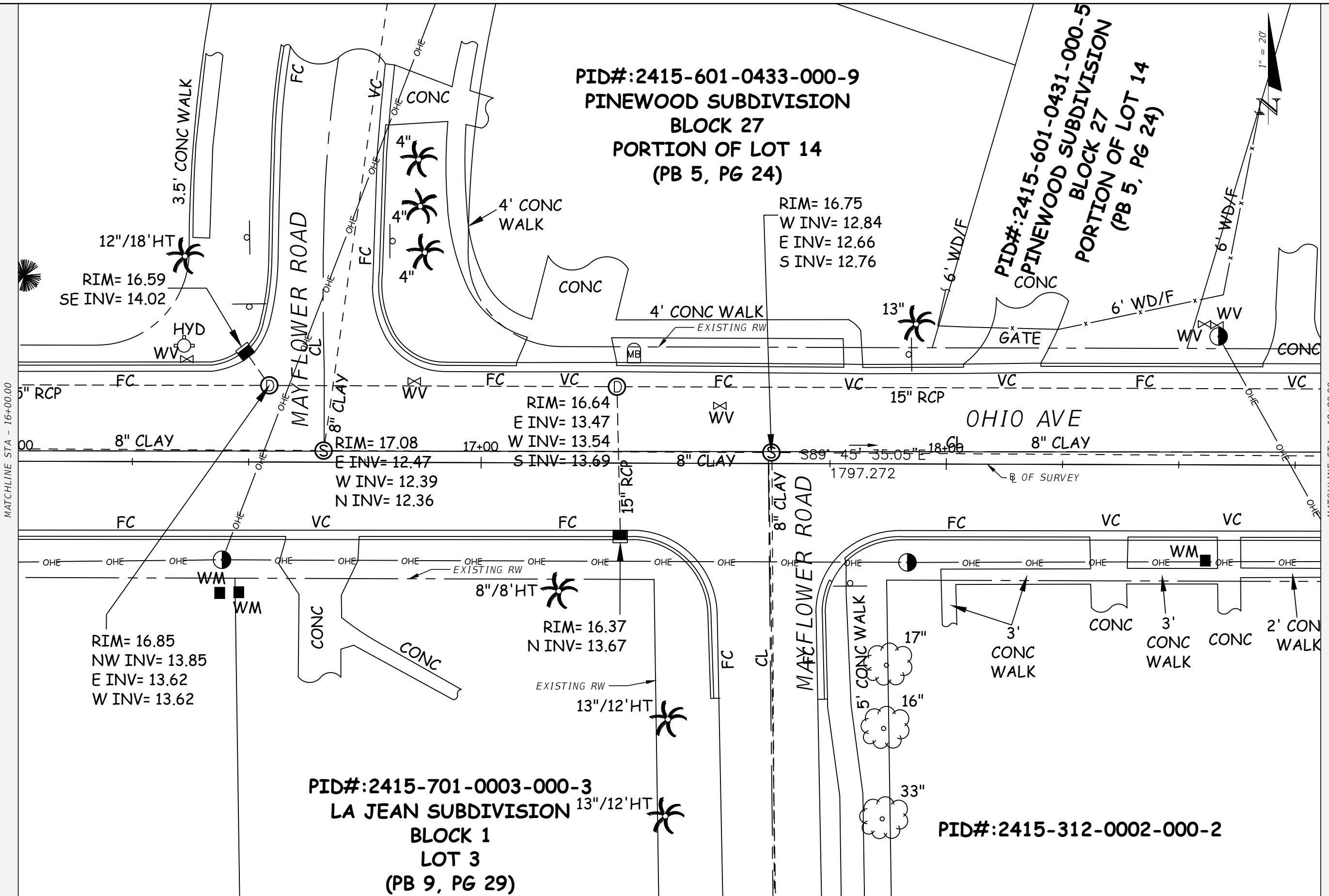
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PID#:2415-601-0433-000-9
 PINWOOD SUBDIVISION
 BLOCK 27
 PORTION OF LOT 14
 (PB 5, PG 24)

PID#:2415-601-0431-000-5
 PINWOOD SUBDIVISION
 BLOCK 27
 PORTION OF LOT 14
 (PB 5, PG 24)

PID#:2415-701-0003-000-3
 LA JEAN SUBDIVISION
 BLOCK 1
 LOT 3
 (PB 9, PG 29)

PID#:2415-312-0002-000-2



NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



JASON Y. YAM
 LIC. NO.: 62449

DESIGNED: AWS
 DRAWN: AWS
 Q.C.: JH

EXISTING CONDITIONS SURVEY (7)

PROJECT NO: 2019-027
 DATE: 1/09/2023
 SHEET NO: 15

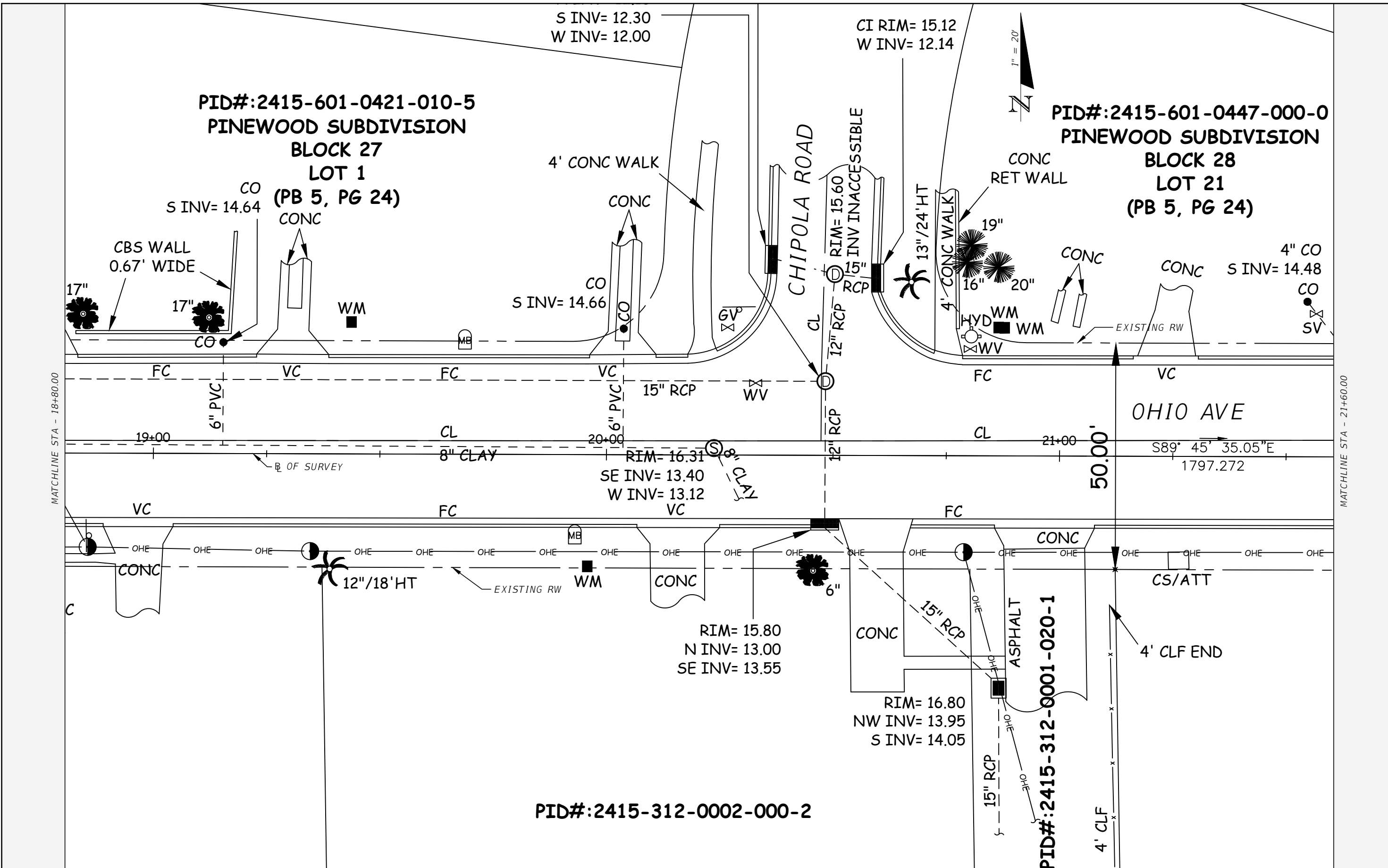
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PID#:2415-601-0421-010-5
 PINWOOD SUBDIVISION
 BLOCK 27
 LOT 1
 (PB 5, PG 24)

PID#:2415-601-0447-000-0
 PINWOOD SUBDIVISION
 BLOCK 28
 LOT 21
 (PB 5, PG 24)

PID#:2415-312-0002-000-2

PID#:2415-312-0001-020-1



NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS

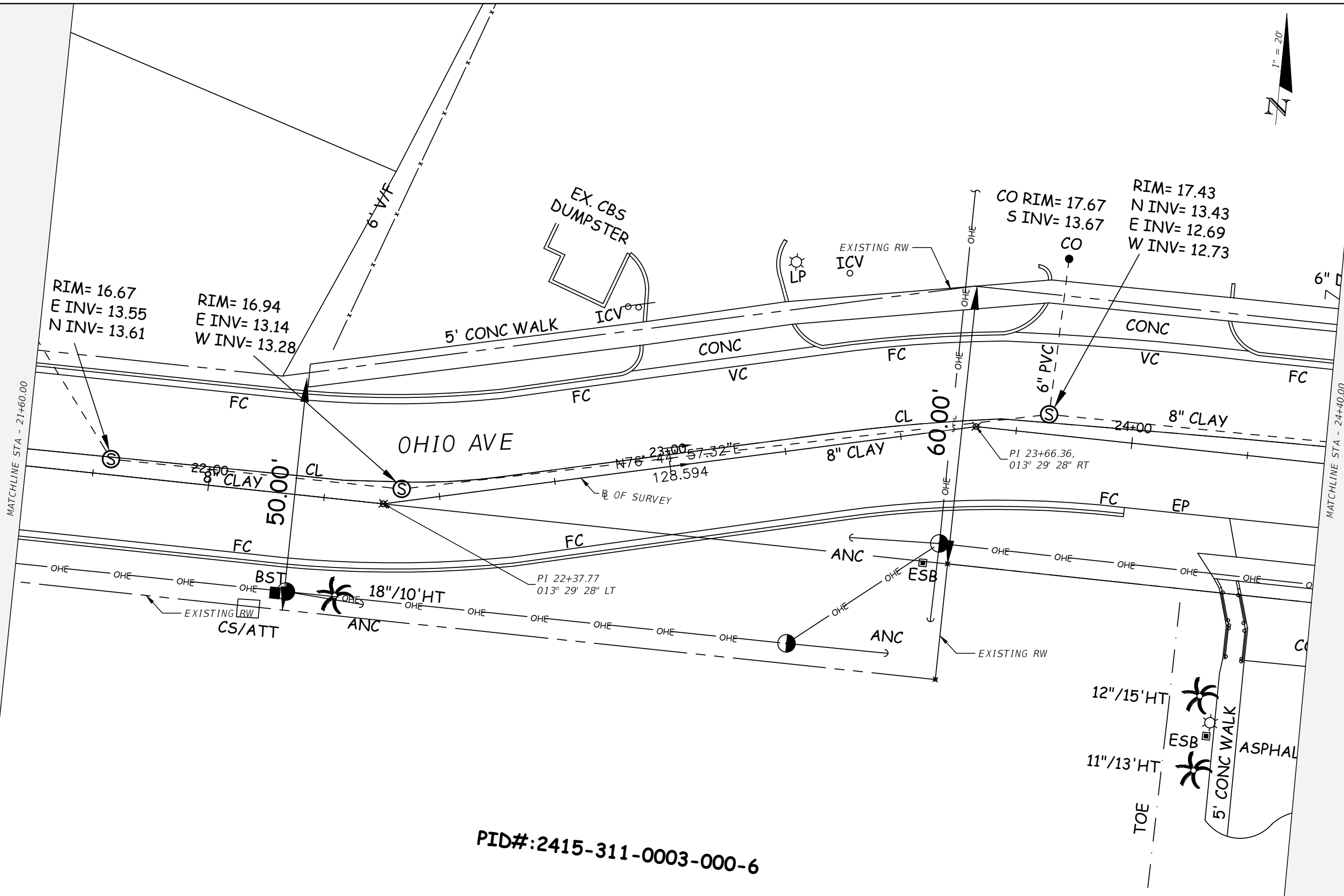


DESIGNED: AWS
 DRAWN: AWS
 Q.C.: JH
 DATE: 1/13/2023 11:26:58 AM

EXISTING CONDITIONS SURVEY (8)

PROJECT NO:	2019-027
DATE:	1/09/2023
SHEET NO:	16

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PID#:2415-311-0003-000-6

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



JASON Y. YAM
LIC. NO.: 62449
DATE: 1/13/2023 11:27:02 AM

DESIGNED: AWS
DRAWN: AWS
Q.C.: JH

EXISTING CONDITIONS SURVEY (9)

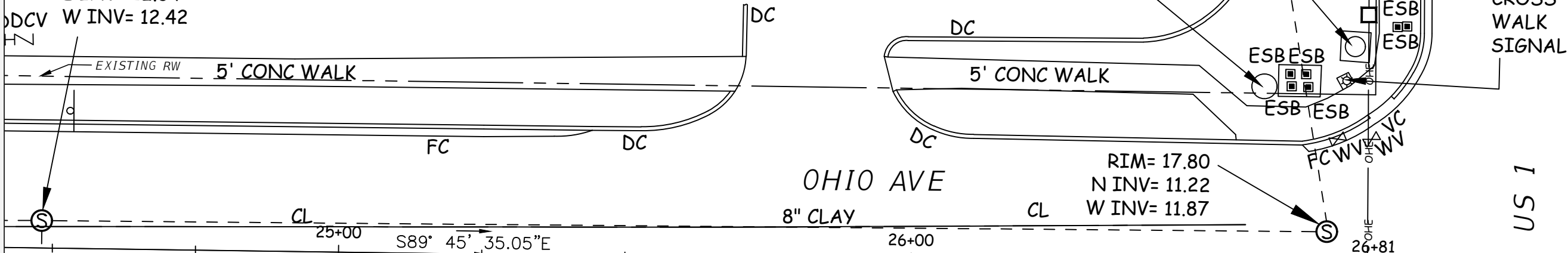
PROJECT NO: 2019-027
DATE: 1/09/2023
SHEET NO: 17

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PID#:2415-601-0434-000-6

RIM= 17.55
S INV= 12.75
E INV= 12.34
W INV= 12.42

MATCHLINE STA - 24+40.00



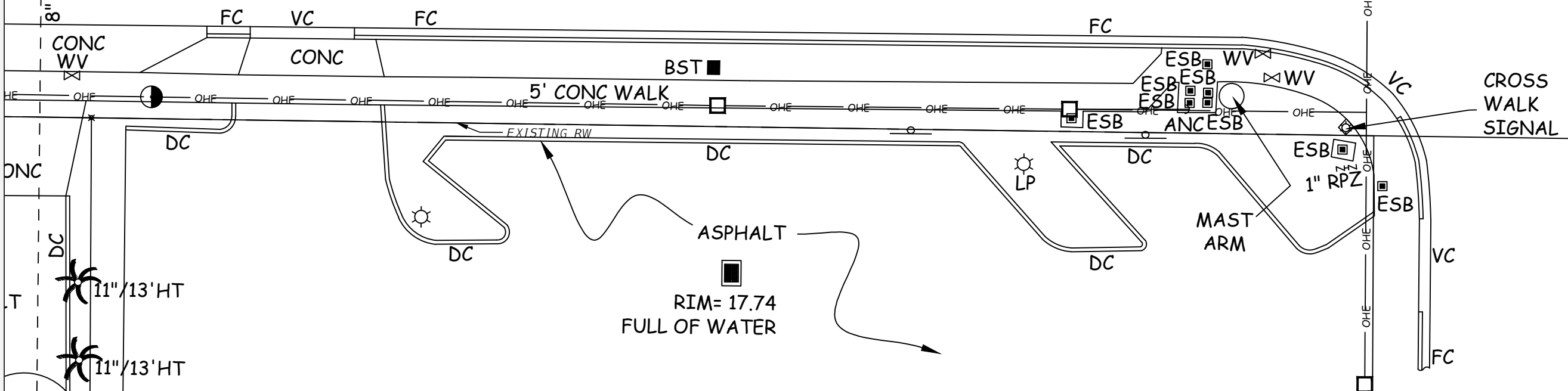
OHIO AVE
8" CLAY

RIM= 17.80
N INV= 11.22
W INV= 11.87



CROSS WALK SIGNAL

US 1



PID#:2415-311-0003-010-9

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



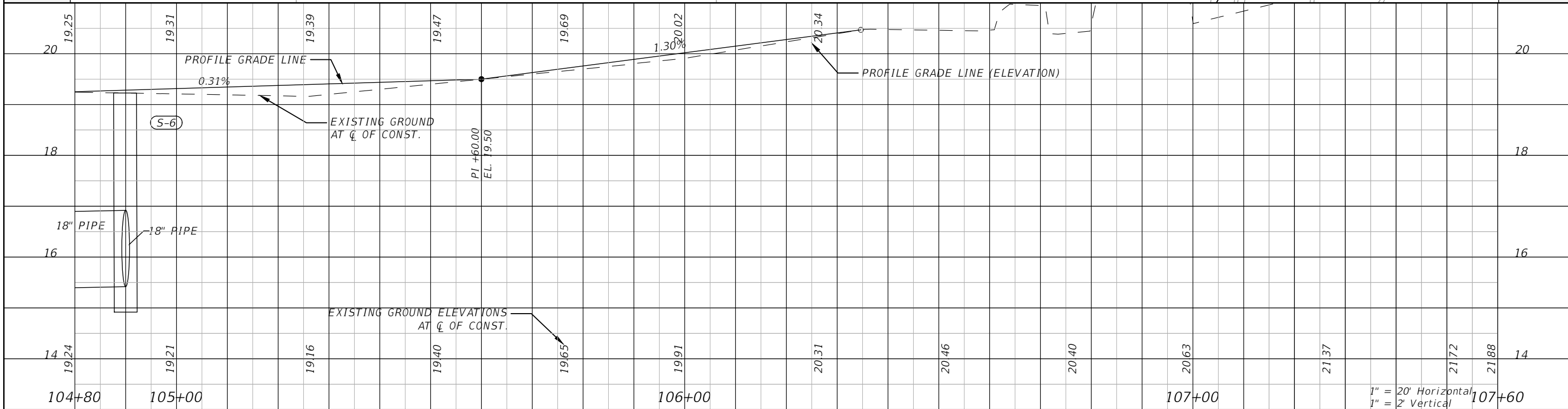
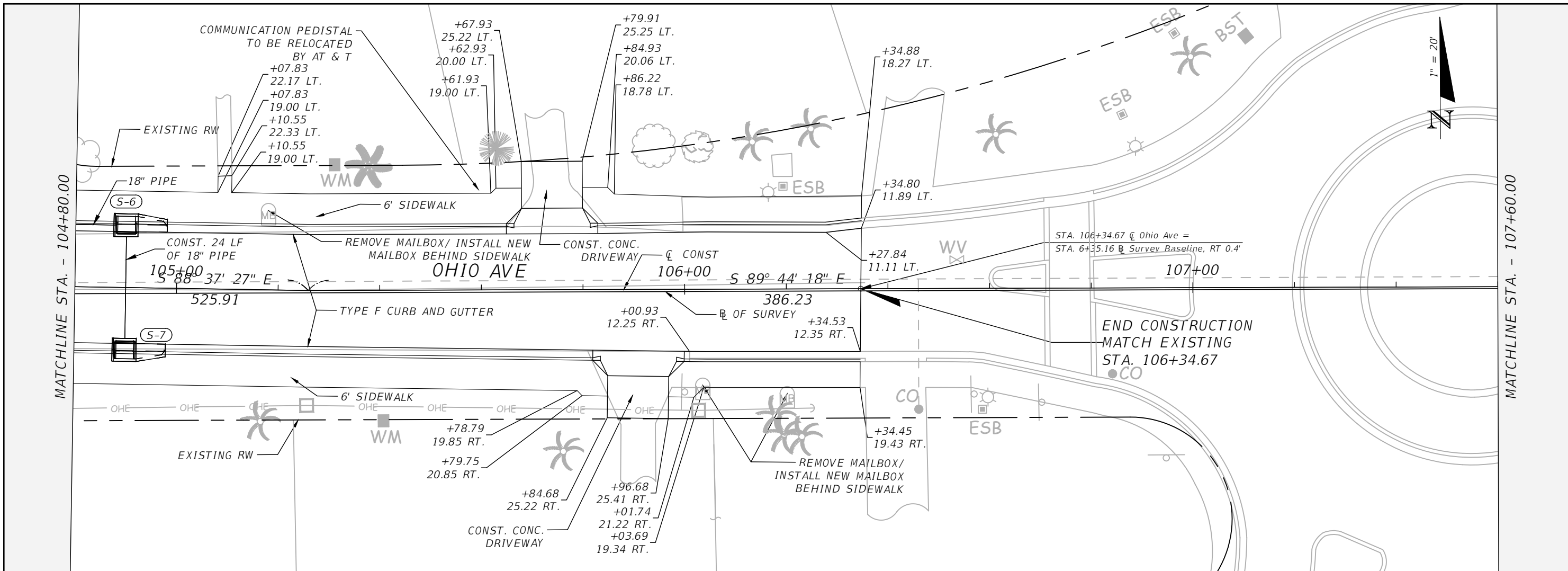
JASON Y. YAM
LIC. NO.: 62449
DATE

DESIGNED
DRAWN AWS
Q.C. AWS
JH

EXISTING CONDITIONS SURVEY (10)

PROJECT NO:
2019-027
DATE:
1/09/2023
SHEET NO:
18

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



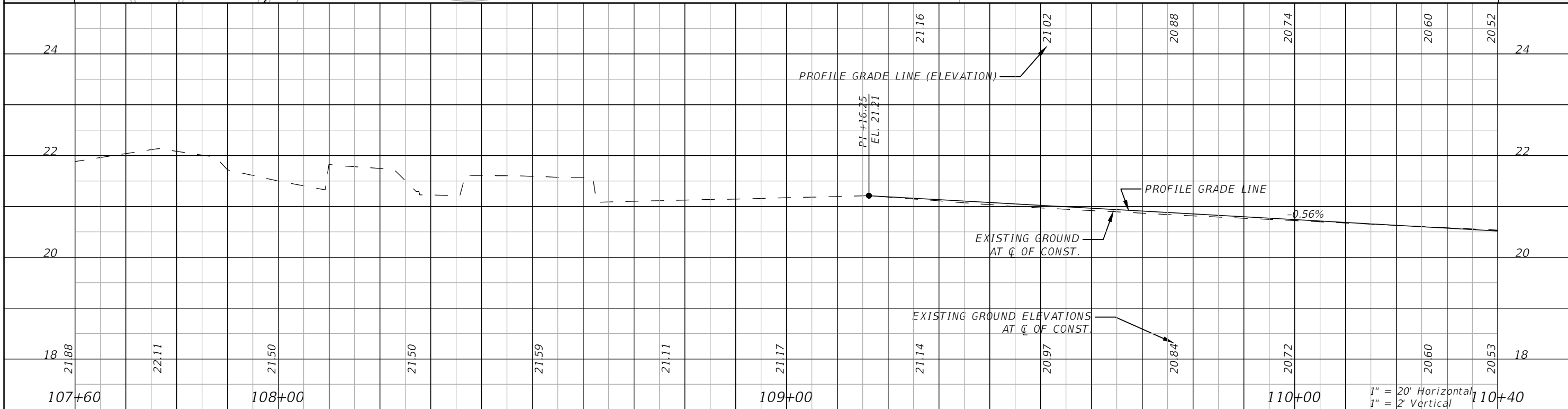
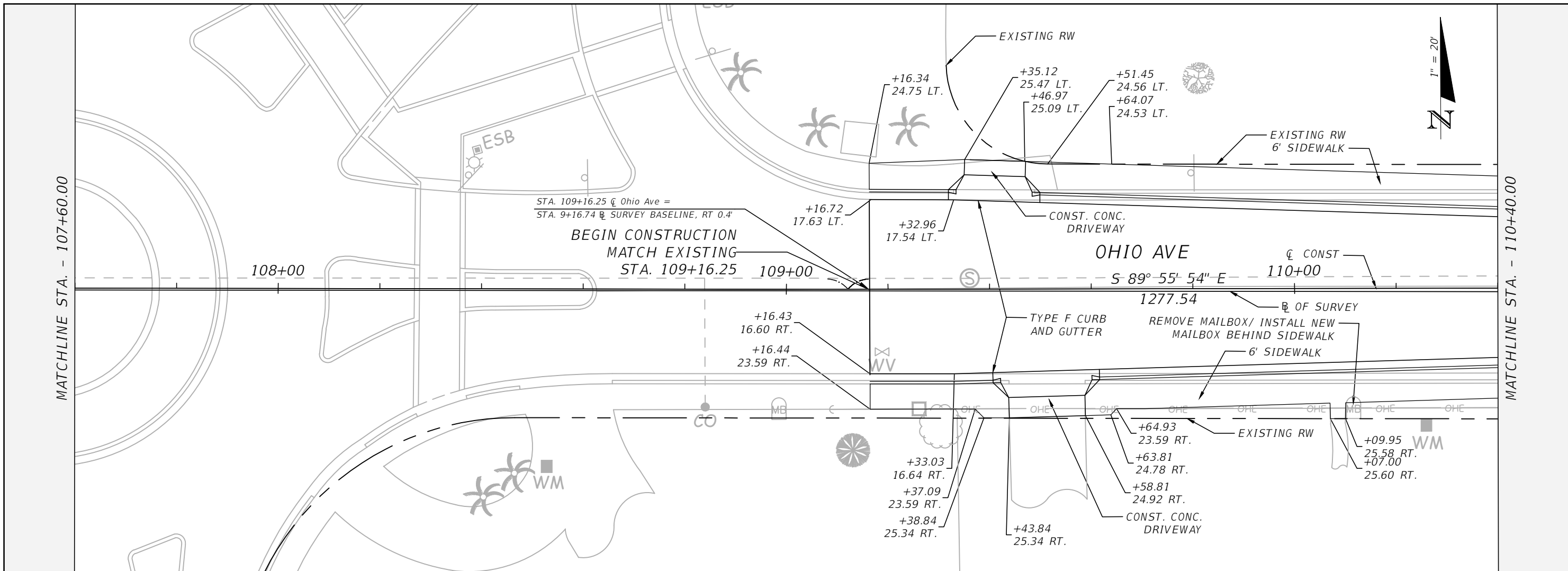
DESIGNED _____ DATE _____
DRAWN AWS
G.C. AWS
JH

JASON Y. YAM
LIC. NO.: 62449

PLAN AND PROFILE (3)

PROJECT NO:
2019-027
DATE:
1/09/2023
SHEET NO:
21

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



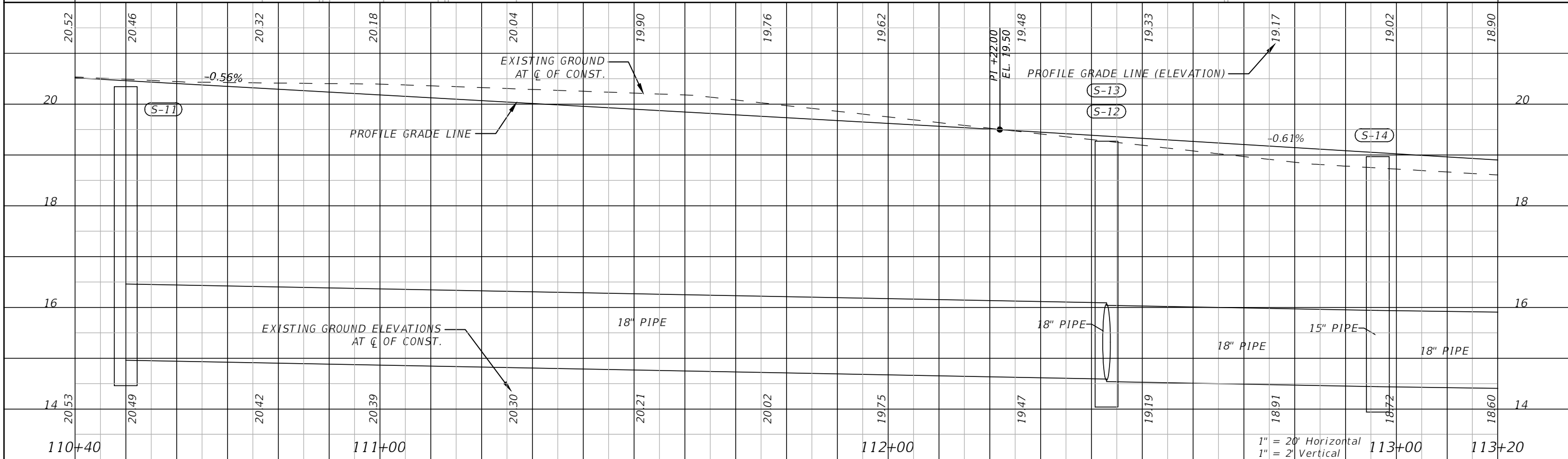
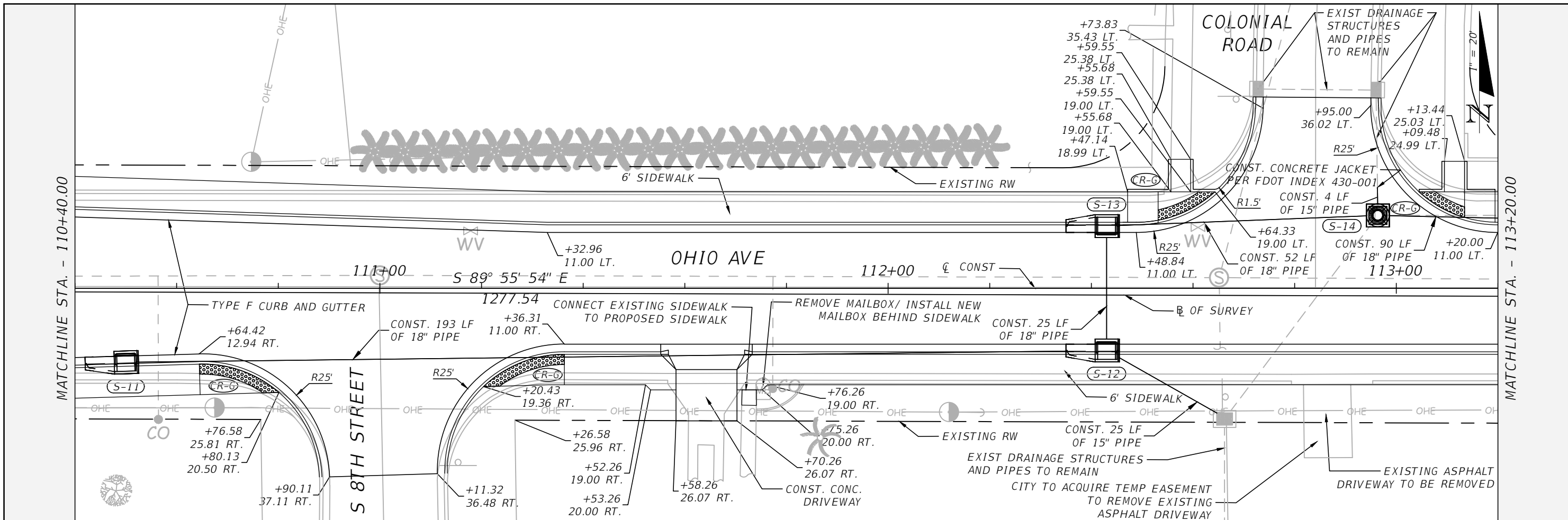
DESIGNED: AWS
DRAWN: AWS
Q.C.: AWS
DATE: JH

JASON Y. YAM
LIC. NO.: 62449

PLAN AND PROFILE (4)

PROJECT NO:
2019-027
DATE:
1/09/2023
SHEET NO:
22

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



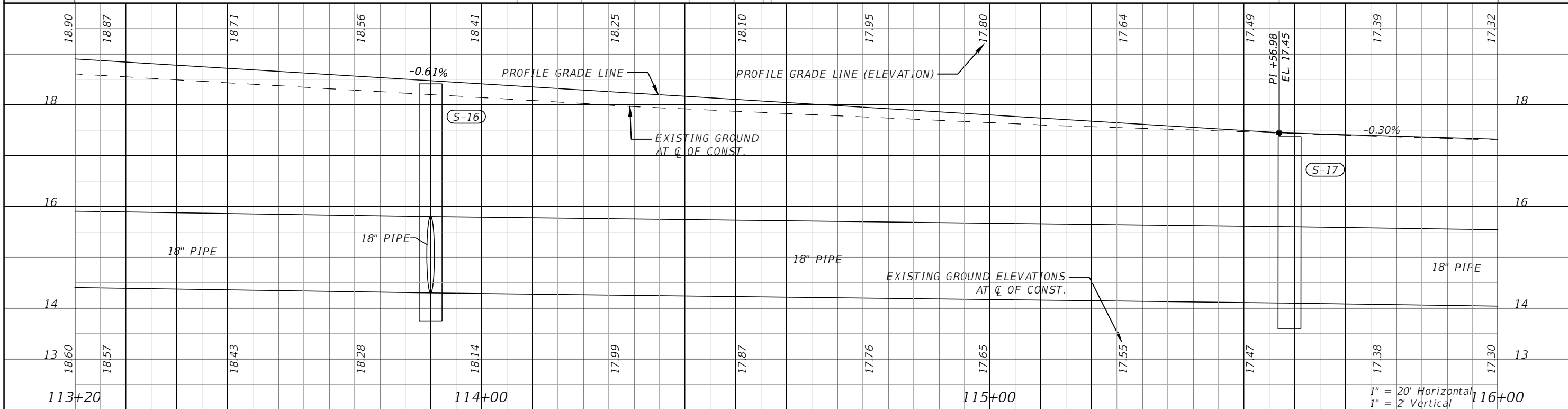
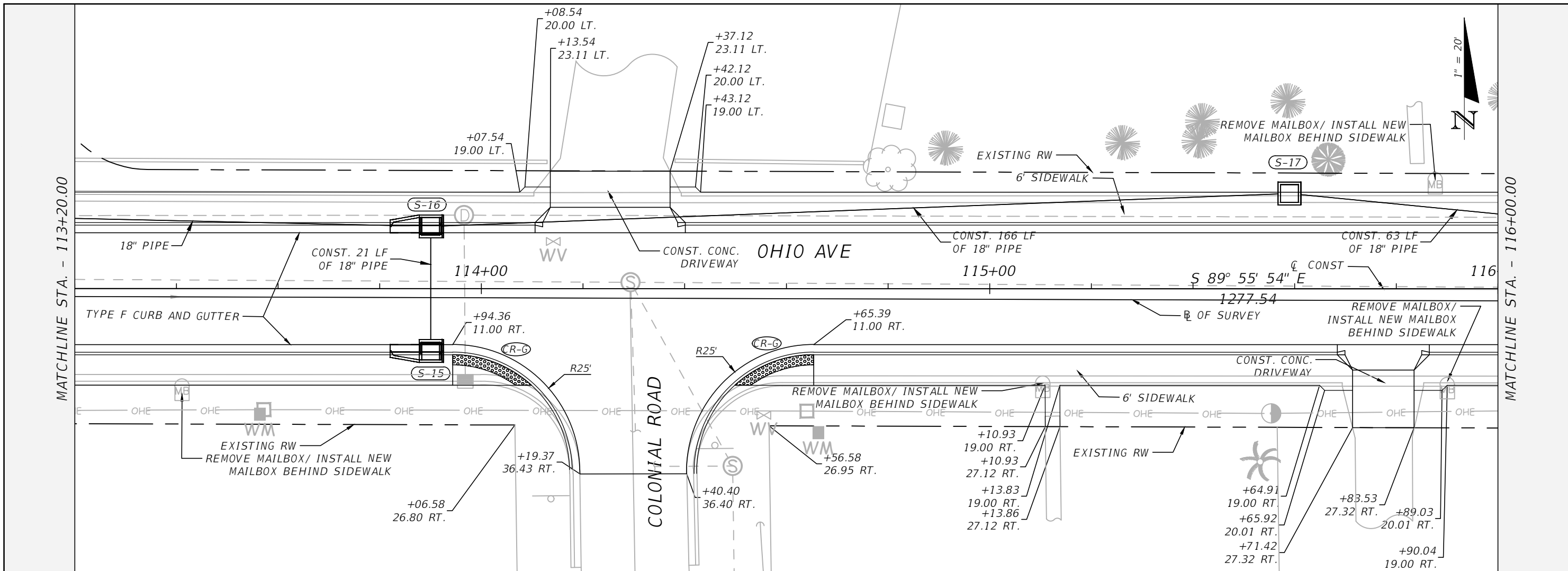
DESIGNED	AWS	DATE
DRAWN	AWS	
Q.C.	JH	

JASON Y. YAM
LIC. NO.: 62449

PLAN AND PROFILE (5)

PROJECT NO:	2019-027
DATE:	1/09/2023
SHEET NO:	23

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS

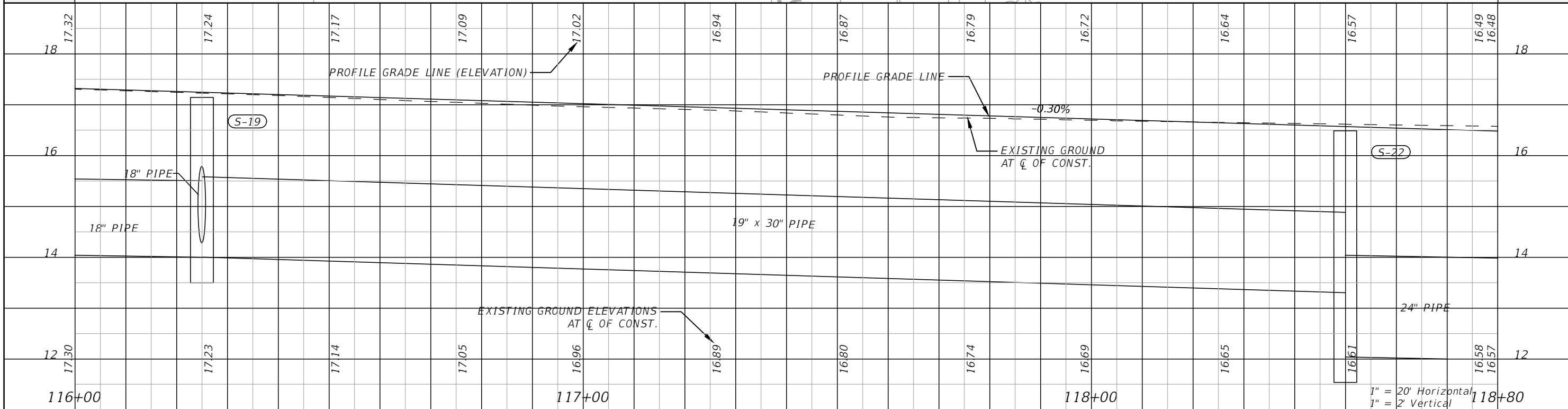
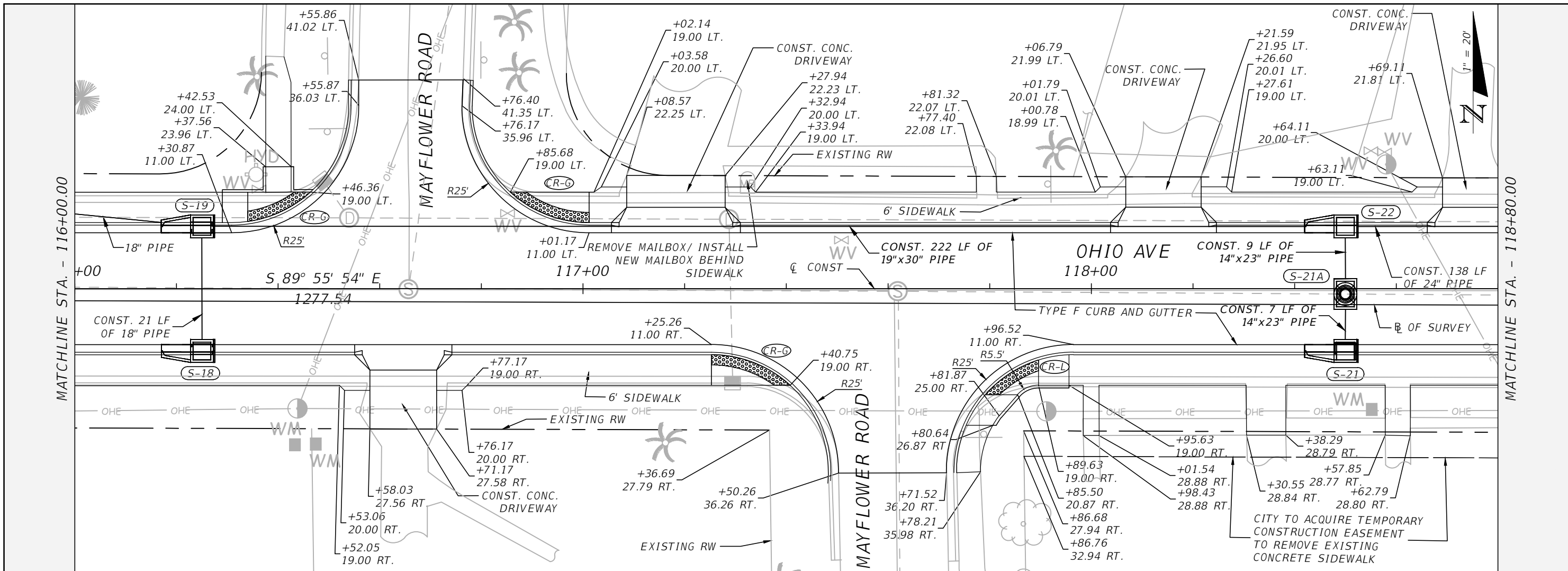


DESIGNED: _____
 DRAWN: AWS
 Q.C.: AWS
 JH
 DATE: _____
 JASON Y. YAM
 LIC. NO.: 62449

PLAN AND PROFILE (6)

PROJECT NO: 2019-027
 DATE: 1/09/2023
 SHEET NO: 24

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



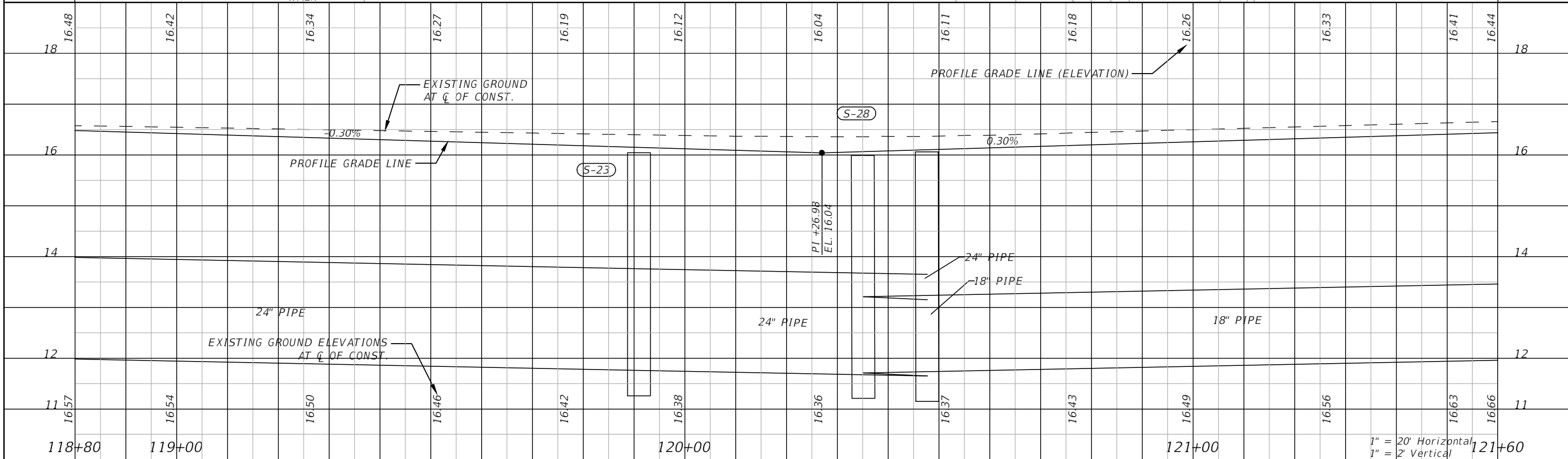
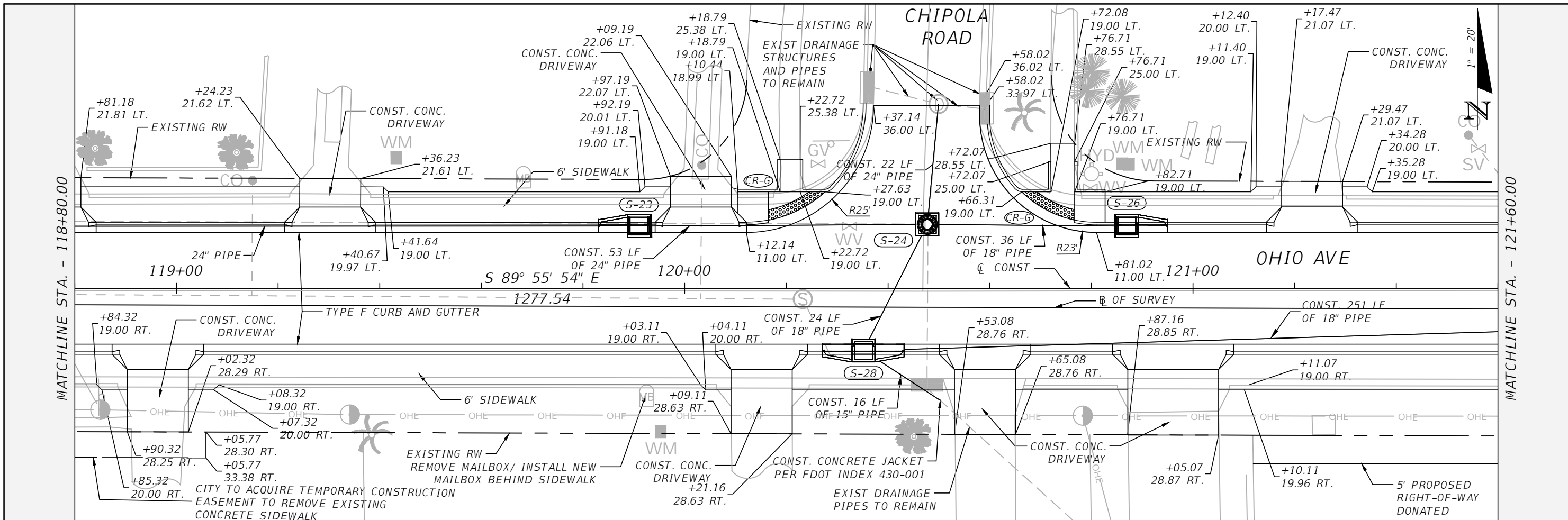
DESIGNED
DRAWN
Q.C.
DATE

JASON Y. YAM
LIC. NO.: 62449

PLAN AND PROFILE (7)

PROJECT NO:
2019-027
DATE:
1/09/2023
SHEET NO:
25

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS

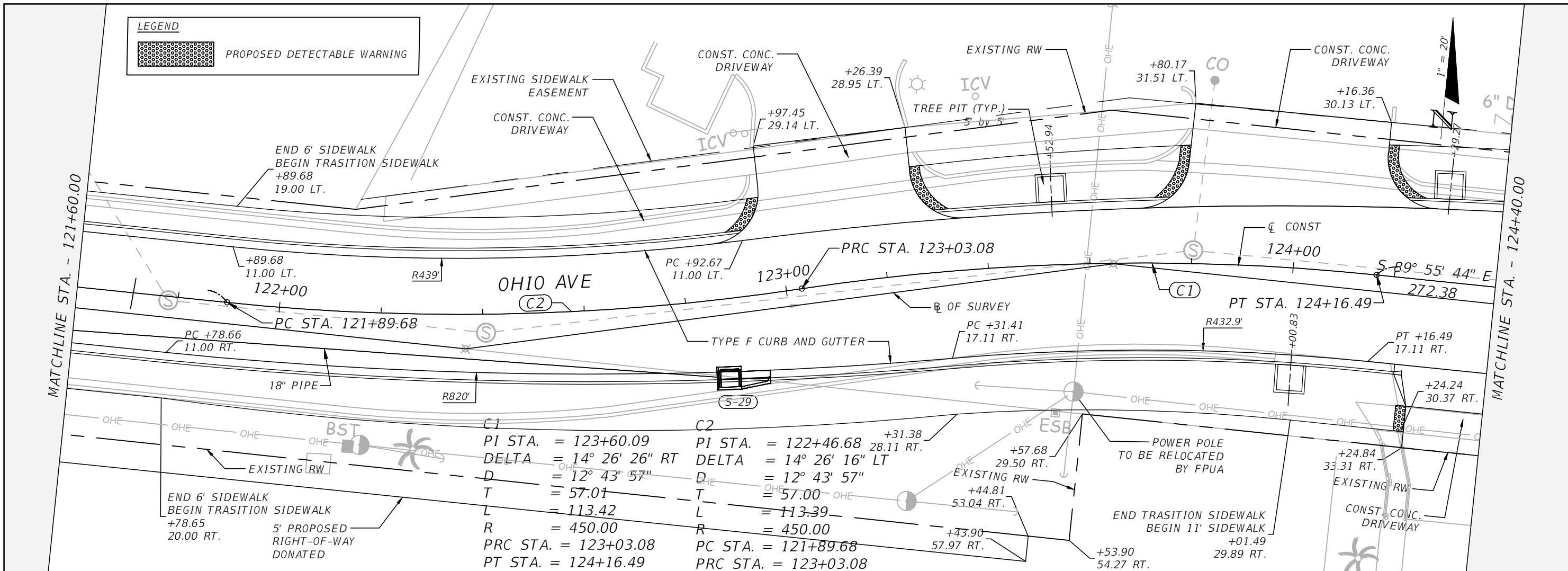


DESIGNED	AWS	DATE
DRAWN	AWS	
Q.C.	JH	

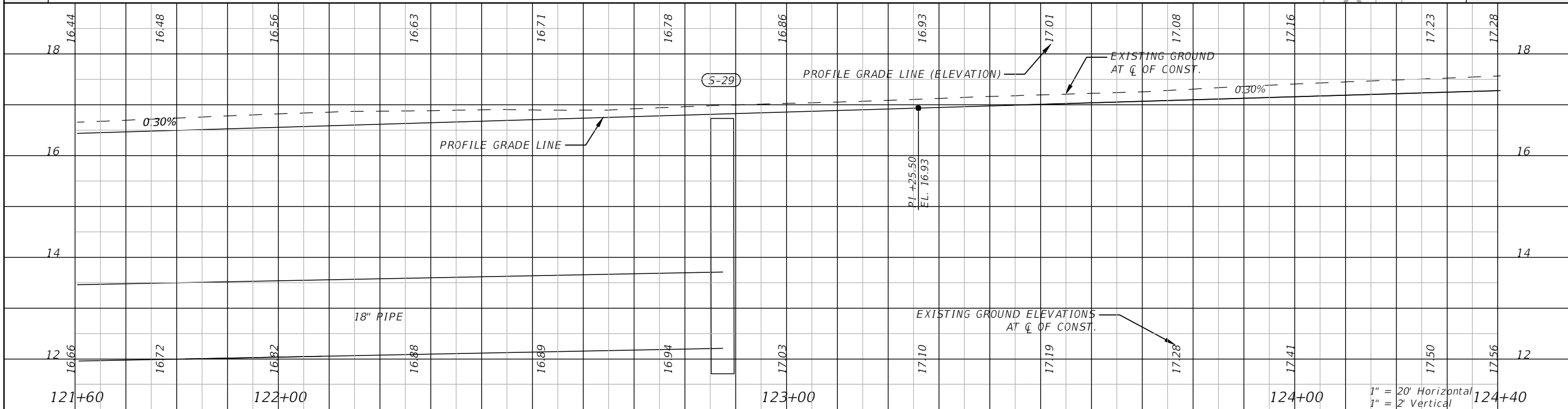
PLAN AND PROFILE (8)

PROJECT NO:	2019-027
DATE:	2/02/2023
SHEET NO:	26

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



Curve	PI STA.	DELTA	D	T	L	R
C1	123+60.09	14° 26' 26" RT	12° 43' 57"	57.01	113.42	450.00
C2	122+46.68	14° 26' 16" LT	12° 43' 57"	57.00	113.39	450.00
PRC STA. = 123+03.08		PC STA. = 121+89.68		PT STA. = 124+16.49		



NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



DESIGNED: AWS
 DRAWN: AWS
 Q.C.: AWS
 JH
 DATE: 1/17/2023 6:38:08 AM

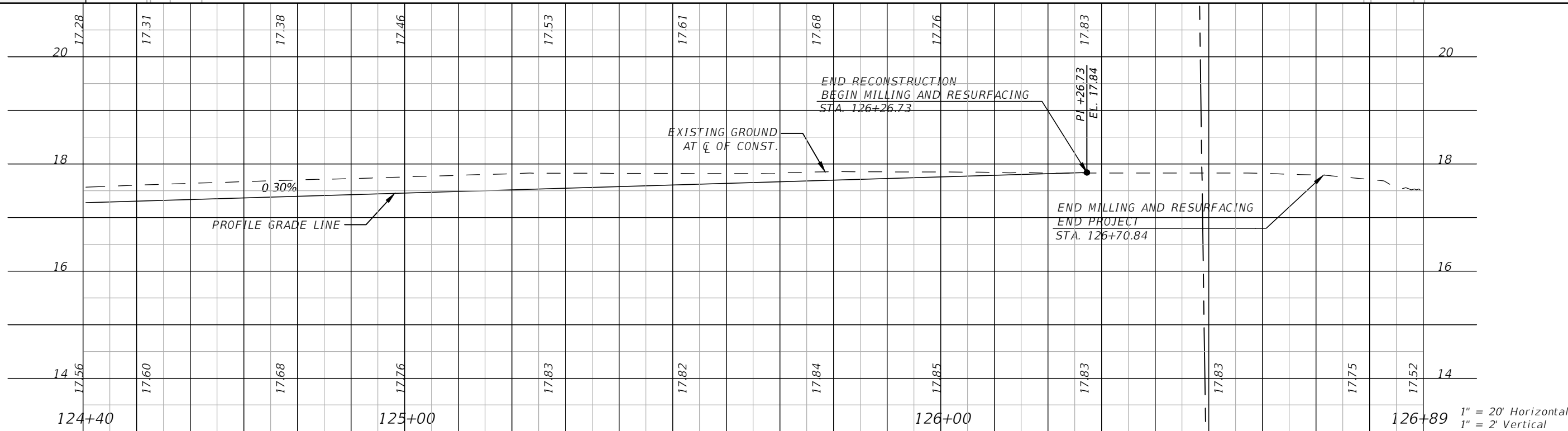
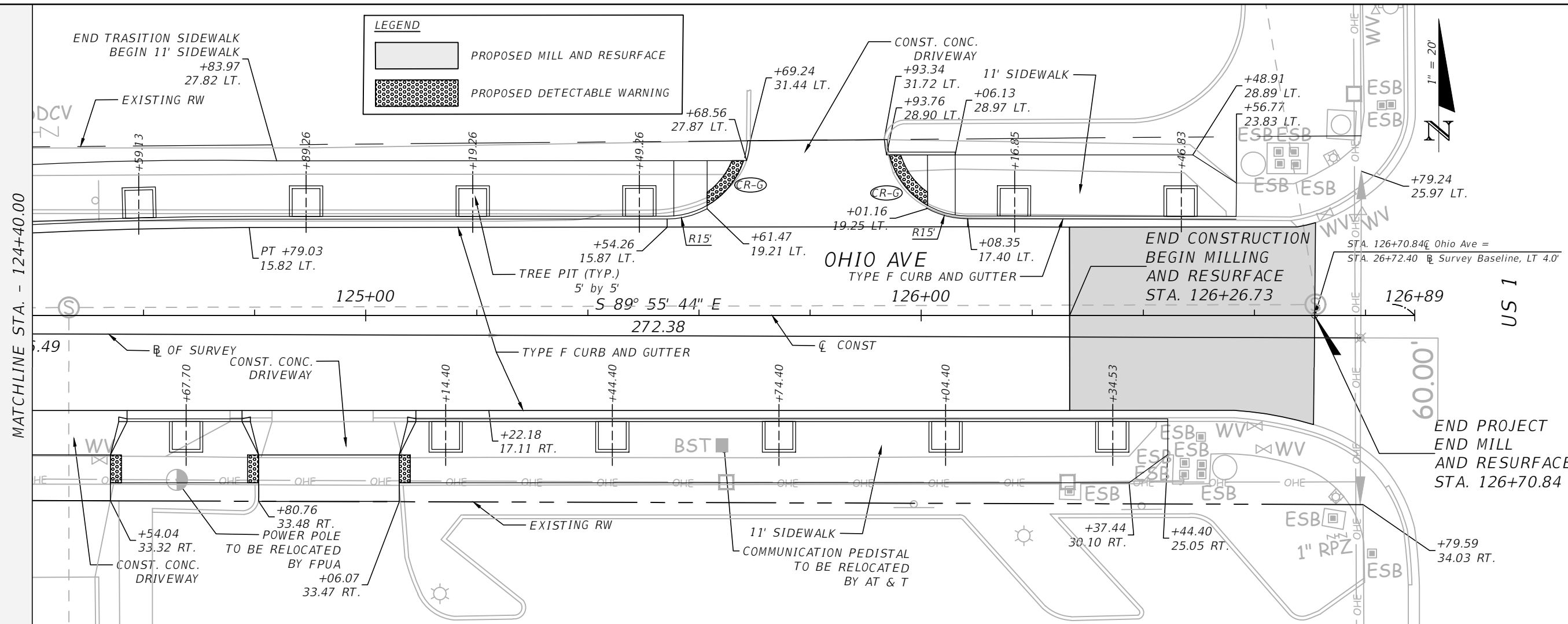
PLAN AND PROFILE (9)

PROJECT NO: 2019-027
 DATE: 1/09/2023
 SHEET NO: 27

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

LEGEND

- PROPOSED MILL AND RESURFACE
- PROPOSED DETECTABLE WARNING



NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



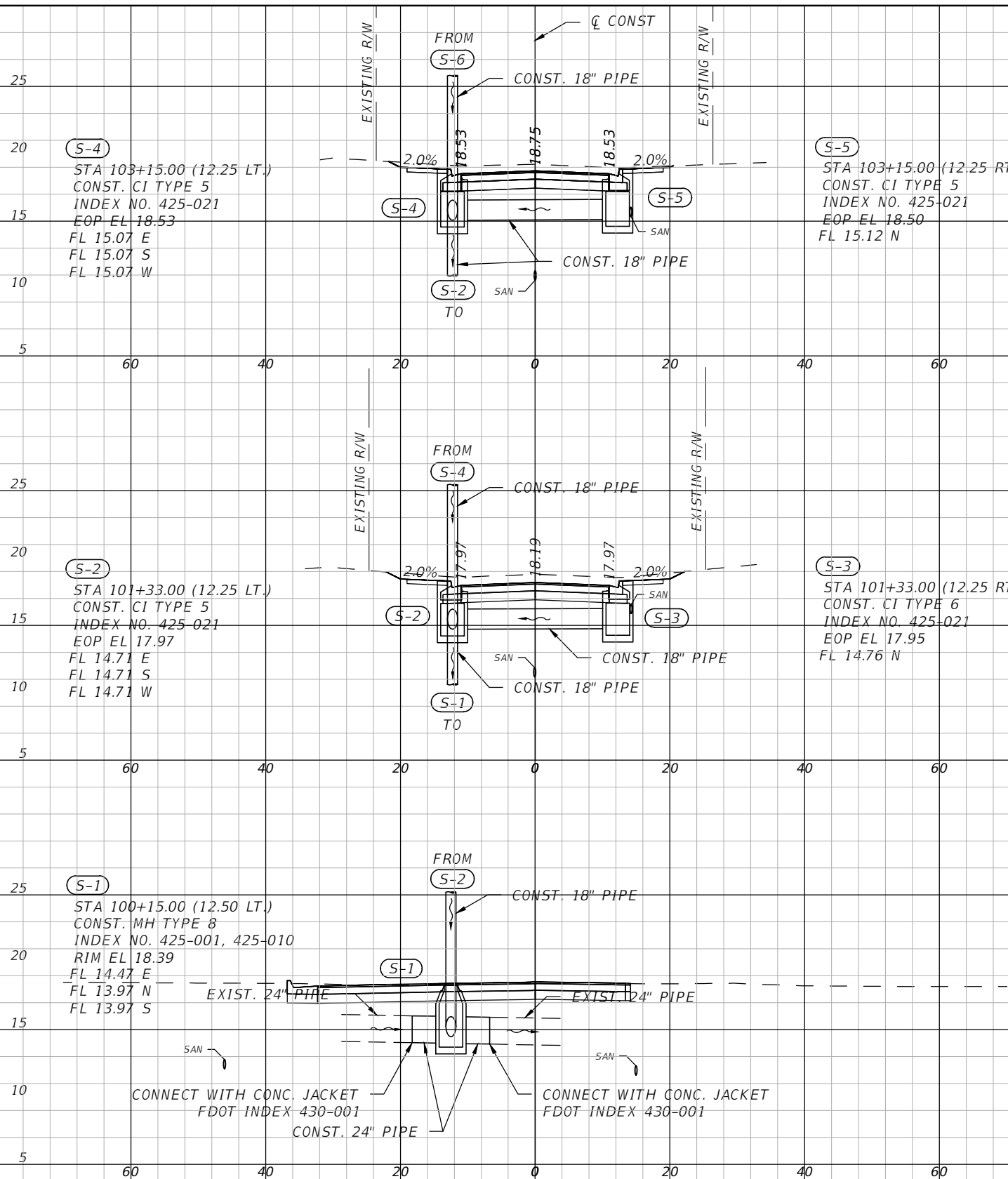
JASON Y. YAM
LIC. NO.: 62449
DATE

DESIGNED
DRAWN
Q.C.
DATE

PLAN AND PROFILE (10)

PROJECT NO:
2019-027
DATE:
1/09/2023
SHEET NO:
28

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



(S-5)
(S-4)
103+15.00

(S-3)
(S-2)
101+33.00

(S-1)
100+15.00

1" = 20' Horizontal
1" = 10' Vertical

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



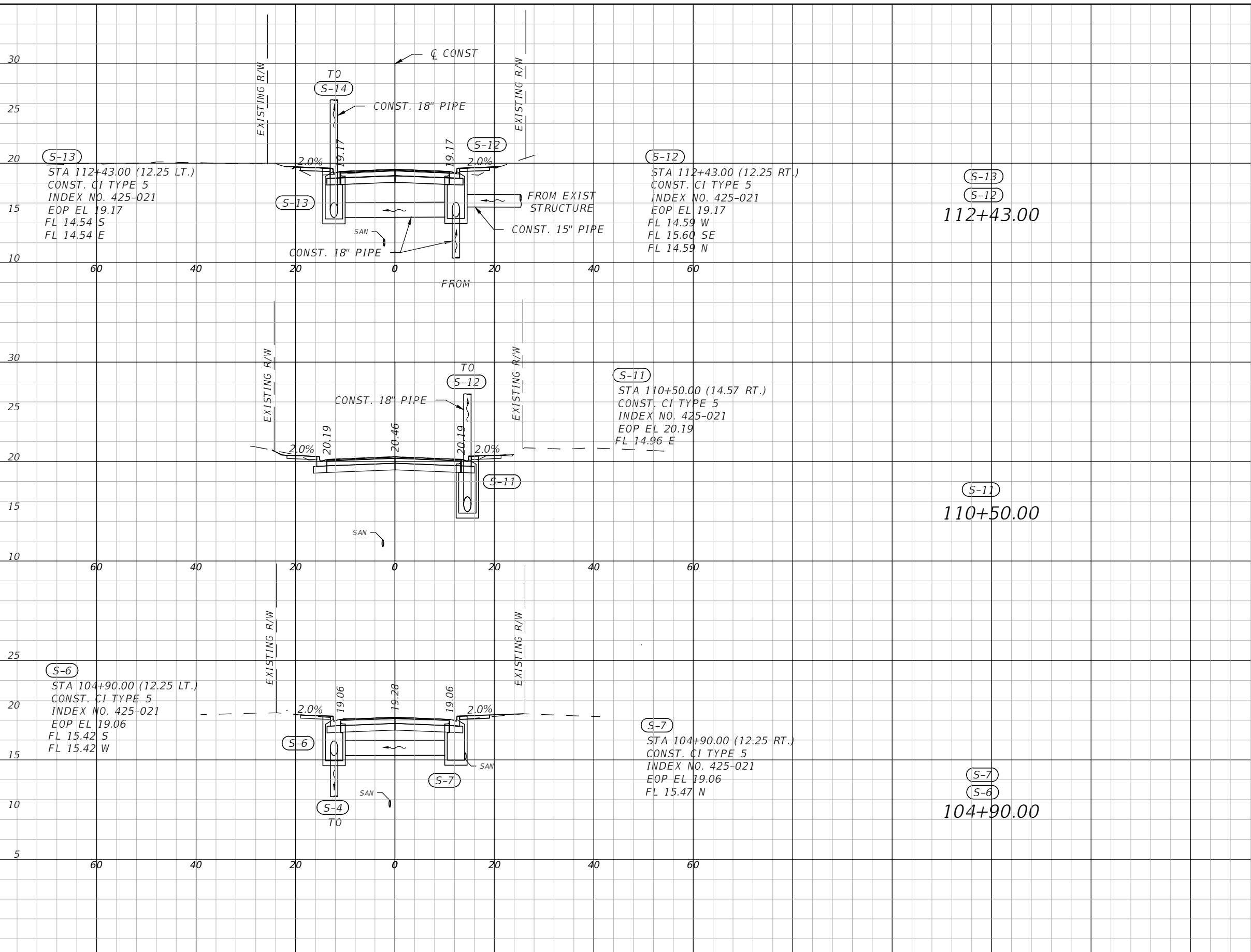
HAMID R. FARAJI, P.E. DATE
LIC. NO.: 51581

DESIGNED JMR
DRAWN JMR
Q.C. HRF

DRAINAGE STRUCTURE SECTIONS (1)

PROJECT NO: 2019-027
DATE: 1/09/2023
SHEET NO: 29

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



1" = 20' Horizontal
1" = 10' Vertical

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



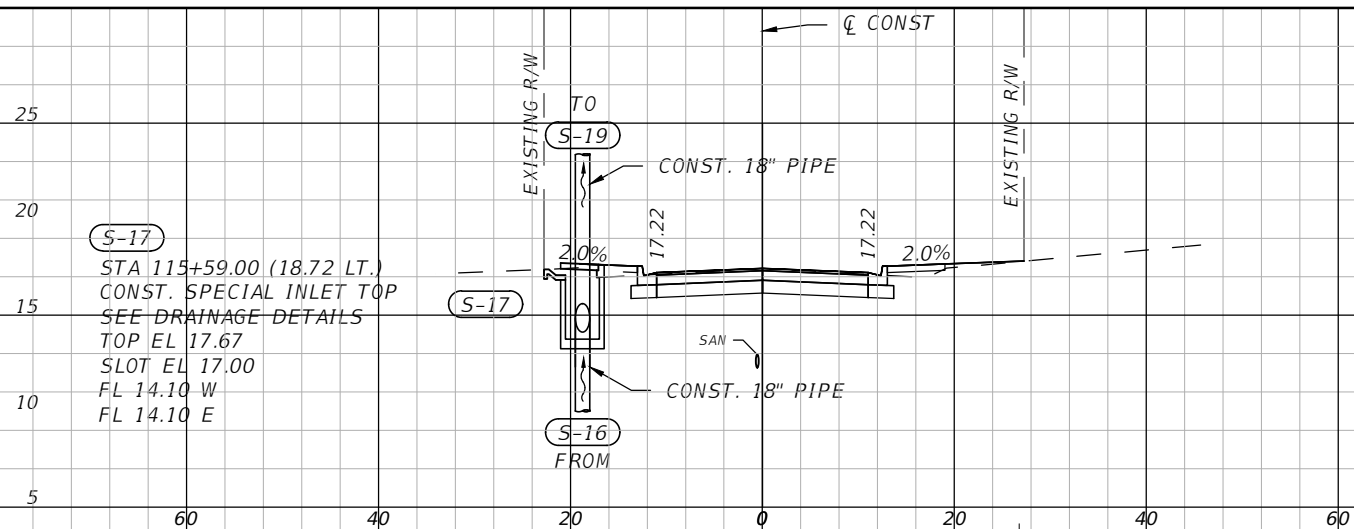
HAMID R. FARAJI, P.E. DATE
LIC. NO.: 51581

DESIGNED JMR
DRAWN JMR
Q.C. HRF

DRAINAGE STRUCTURE SECTIONS (2)

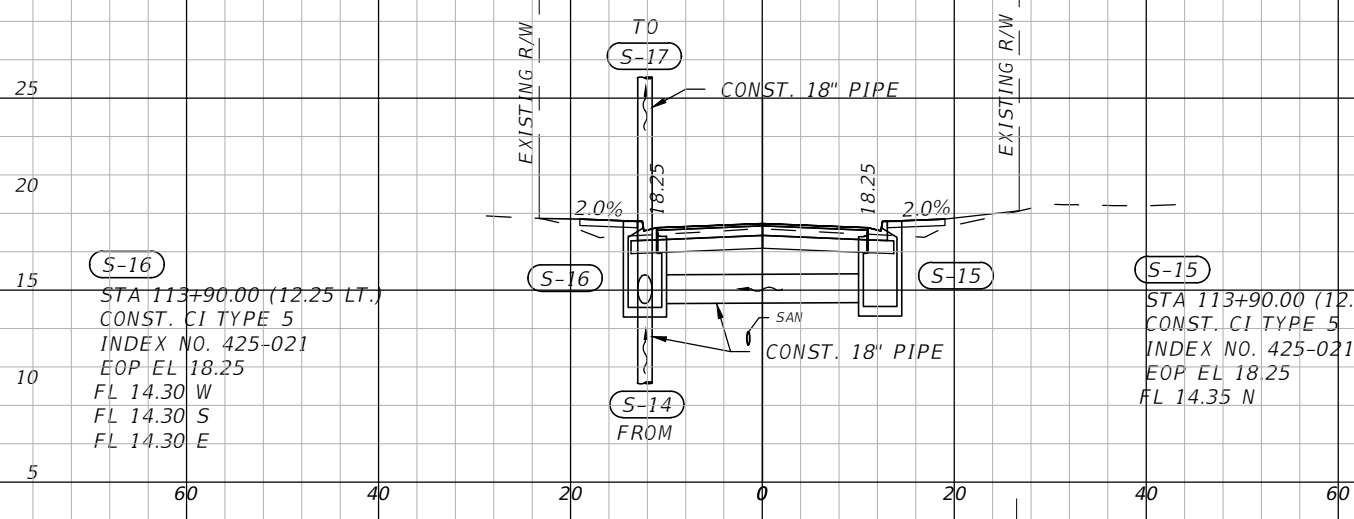
PROJECT NO: 2019-027
DATE: 1/09/2023
SHEET NO: 30

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



(S-17)
 STA 115+59.00 (18.72 LT.)
 CONST. SPECIAL INLET TOP
 SEE DRAINAGE DETAILS
 TOP EL 17.67
 SLOT EL 17.00
 FL 14.10 W
 FL 14.10 E

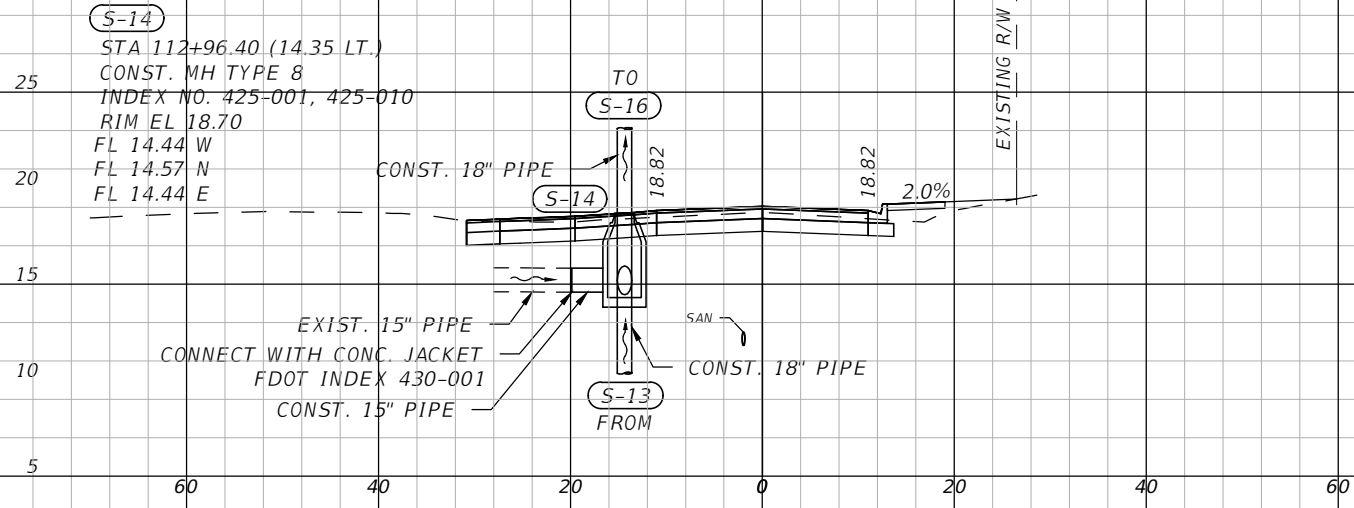
(S-17)
 115+59.00



(S-16)
 STA 113+90.00 (12.25 LT.)
 CONST. CI TYPE 5
 INDEX NO. 425-021
 EOP EL 18.25
 FL 14.30 W
 FL 14.30 S
 FL 14.30 E

(S-15)
 STA 113+90.00 (12.25 RT.)
 CONST. CI TYPE 5
 INDEX NO. 425-021
 EOP EL 18.25
 FL 14.35 N

(S-16)
 (S-15)
 113+90.00



(S-14)
 STA 112+96.40 (14.35 LT.)
 CONST. MH TYPE 8
 INDEX NO. 425-001, 425-010
 RIM EL 18.70
 FL 14.44 W
 FL 14.57 N
 FL 14.44 E

EXIST. 15" PIPE
 CONNECT WITH CONC. JACKET
 FDOT INDEX 430-001
 CONST. 15" PIPE

(S-14)
 112+96.40

1" = 20' Horizontal
 1" = 10' Vertical

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



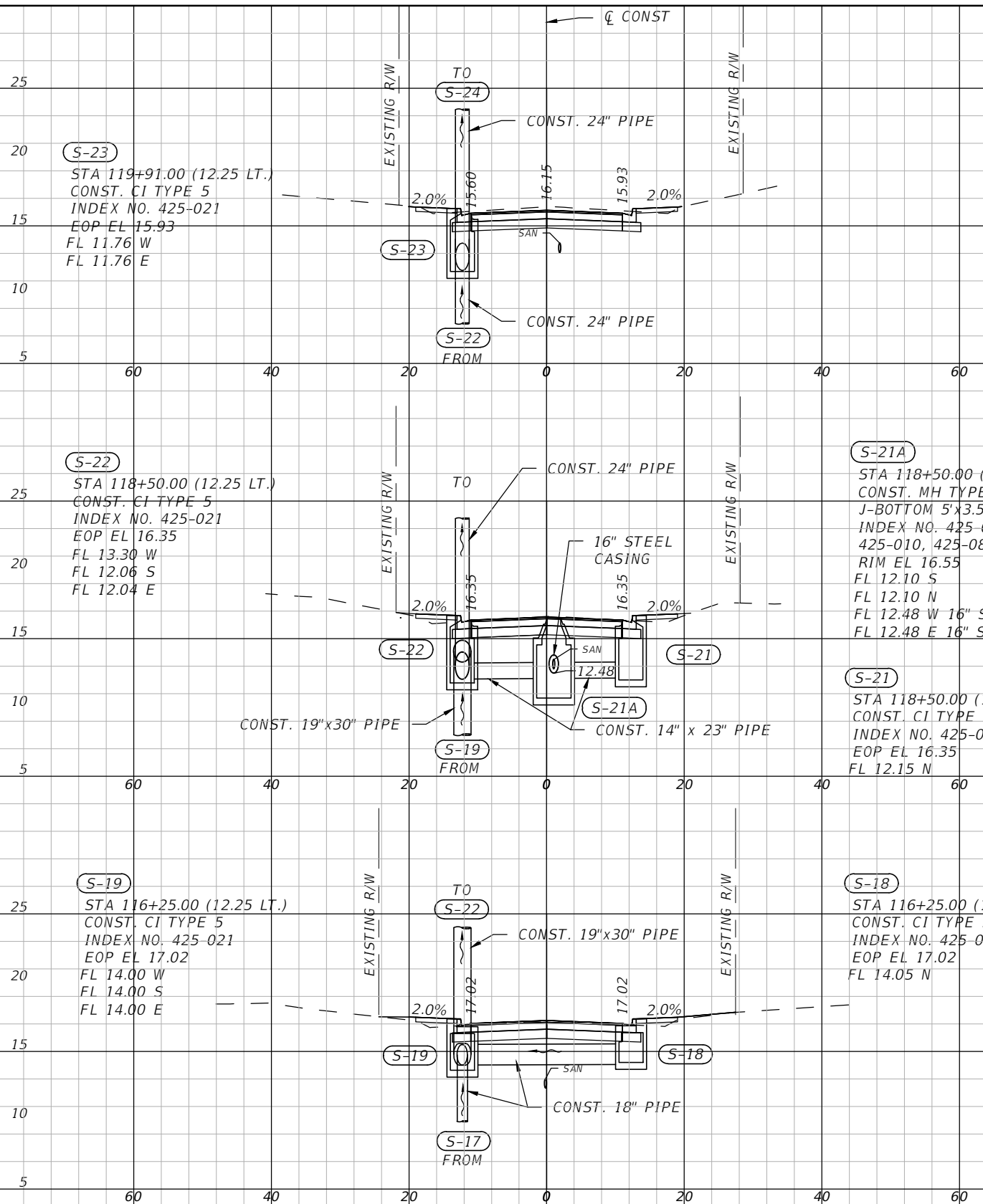
HAMID R. FARAJI, P.E. DATE
 LIC. NO.: 51581

DESIGNED JMR
 DRAWN JMR
 Q.C. HRF

DRAINAGE STRUCTURE SECTIONS (3)

PROJECT NO: 2019-027
 DATE: 1/09/2023
 SHEET NO: 31

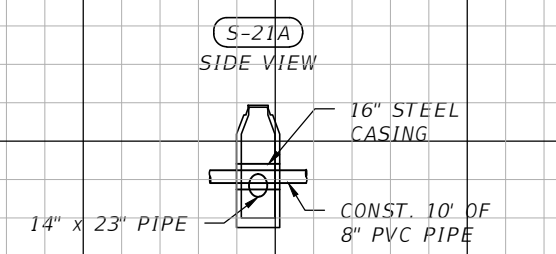
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



S-23
119+91.00

S-21A
STA 118+50.00 (1.05 RT.)
CONST. MH TYPE 8 (J-BOTTOM)
J-BOTTOM 5'x3.5'
INDEX NO. 425-001,
425-010, 425-080
RIM EL 16.55
FL 12.10 S
FL 12.10 N
FL 12.48 W 16" STEEL CASING
FL 12.48 E 16" STEEL CASING

S-22
S-21
S-21A
118+50.00



NOTE: ALL COST ASSOCIATED TO SEWER PIPE REPLACEMENT SHALL BE INCLUDED IN CONFLICT STRUCTURE UNIT PRICE

S-21
STA 118+50.00 (12.25 RT.)
CONST. CI TYPE 5
INDEX NO. 425-021
EOP EL 16.35
FL 12.15 N

S-19
S-18
116+25.00

S-18
STA 116+25.00 (12.25 RT.)
CONST. CI TYPE 5
INDEX NO. 425-021
EOP EL 17.02
FL 14.05 N

1" = 20' Horizontal
1" = 10' Vertical

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



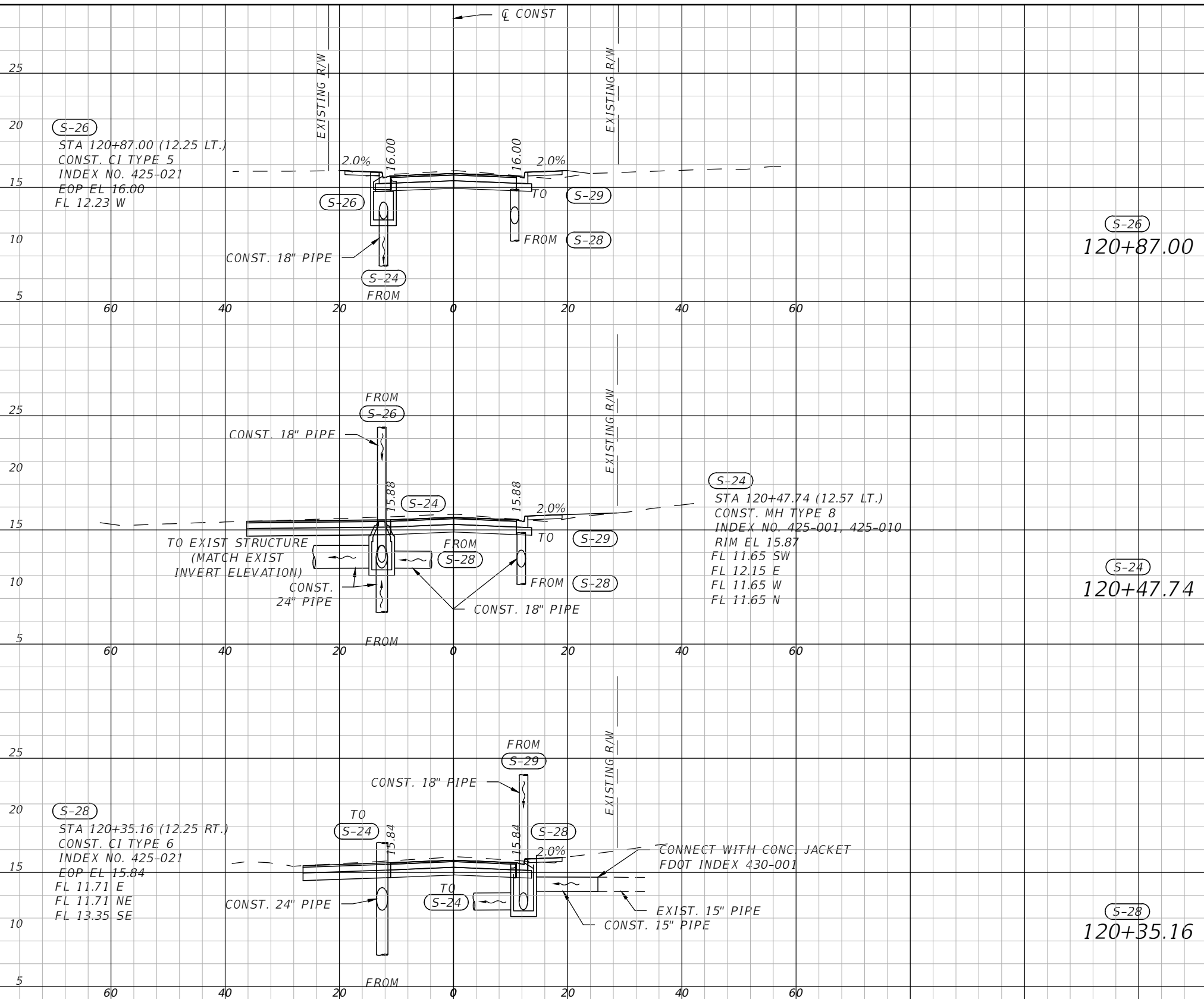
HAMID R. FARAJI, P.E. DATE
LIC. NO.: 51581

DESIGNED JMR
DRAWN JMR
Q.C. HRF

DRAINAGE STRUCTURE SECTIONS (4)

PROJECT NO: 2019-027
DATE: 1/09/2023
SHEET NO: 32

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



(S-26)
 STA 120+87.00 (12.25 LT.)
 CONST. CI TYPE 5
 INDEX NO. 425-021
 EOP EL 16.00
 FL 12.23 W

(S-26)
 120+87.00

FROM (S-26)
 CONST. 18" PIPE
 TO EXIST STRUCTURE (MATCH EXIST INVERT ELEVATION)
 CONST. 24" PIPE
 FROM (S-28)
 CONST. 18" PIPE
 TO (S-29)
 FROM (S-28)
 (S-24)
 STA 120+47.74 (12.57 LT.)
 CONST. MH TYPE 8
 INDEX NO. 425-001, 425-010
 RIM EL 15.87
 FL 11.65 SW
 FL 12.15 E
 FL 11.65 W
 FL 11.65 N

(S-24)
 120+47.74

(S-28)
 STA 120+35.16 (12.25 RT.)
 CONST. CI TYPE 6
 INDEX NO. 425-021
 EOP EL 15.84
 FL 11.71 E
 FL 11.71 NE
 FL 13.35 SE

(S-28)
 120+35.16

CONNECT WITH CONC. JACKET
 FDOT INDEX 430-001
 EXIST. 15" PIPE
 CONST. 15" PIPE

1" = 20' Horizontal
 1" = 10' Vertical

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



HAMID R. FARAJI, P.E. DATE
 LIC. NO.: 51581

DESIGNED JMR
 DRAWN JMR
 Q.C. HRF

DRAINAGE STRUCTURE SECTIONS (5)

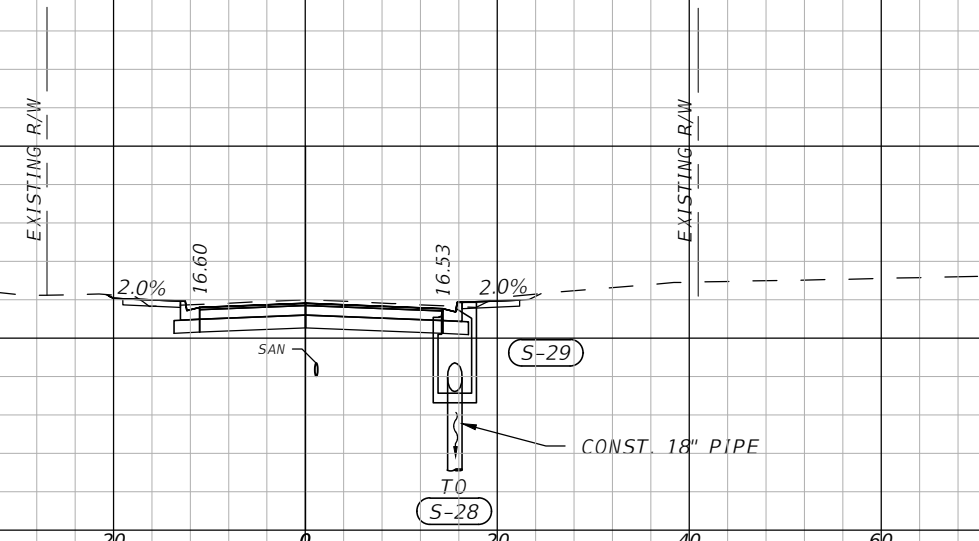
PROJECT NO: 2019-027
 DATE: 1/09/2023
 SHEET NO: 33

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

← Q CONST

25
20
15
10
5

(S-29)
STA 122+87.00 (15.57 RT.)
CONST. CI TYPE 5
INDEX NO. 425-021
EOP EL 16.53
FL 12.21 W



(S-29)
122+87.00

1" = 20' Horizontal
1" = 10' Vertical

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS

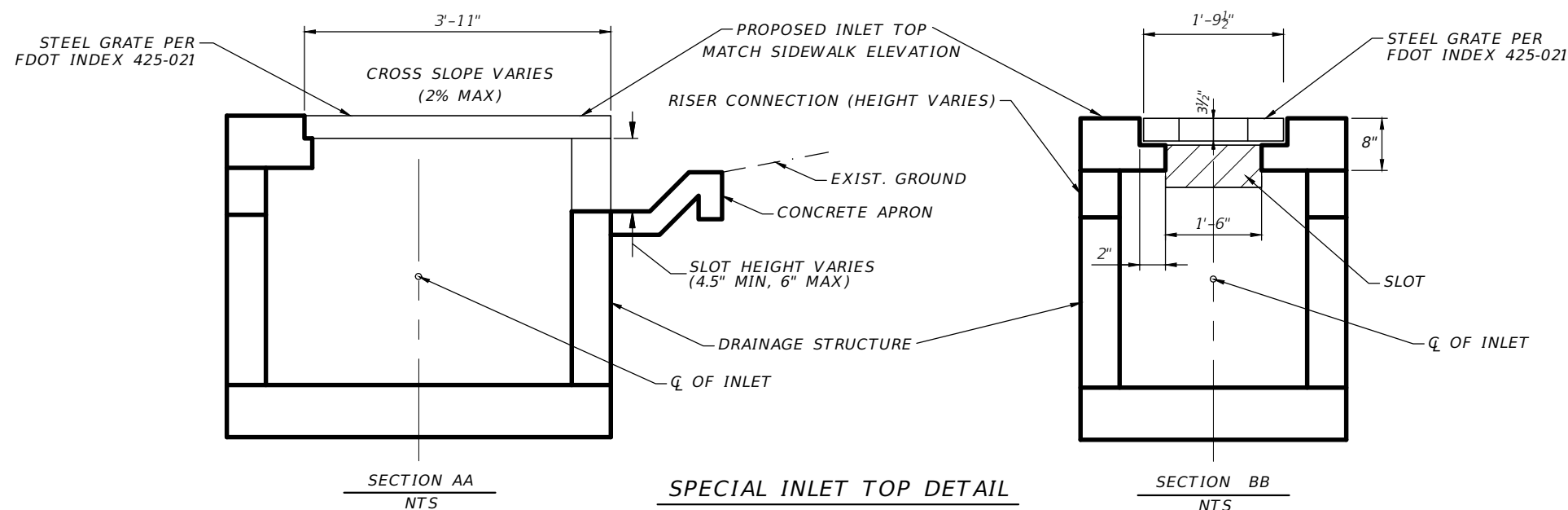
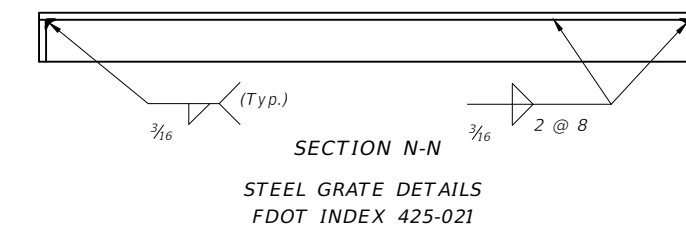
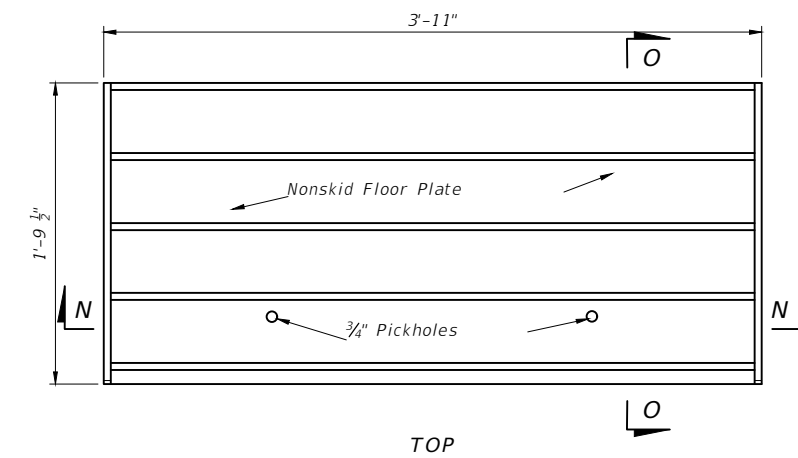
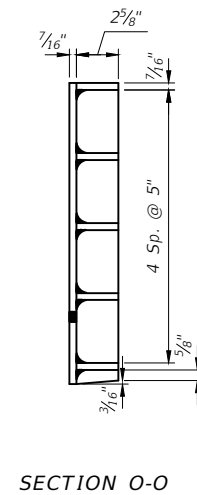
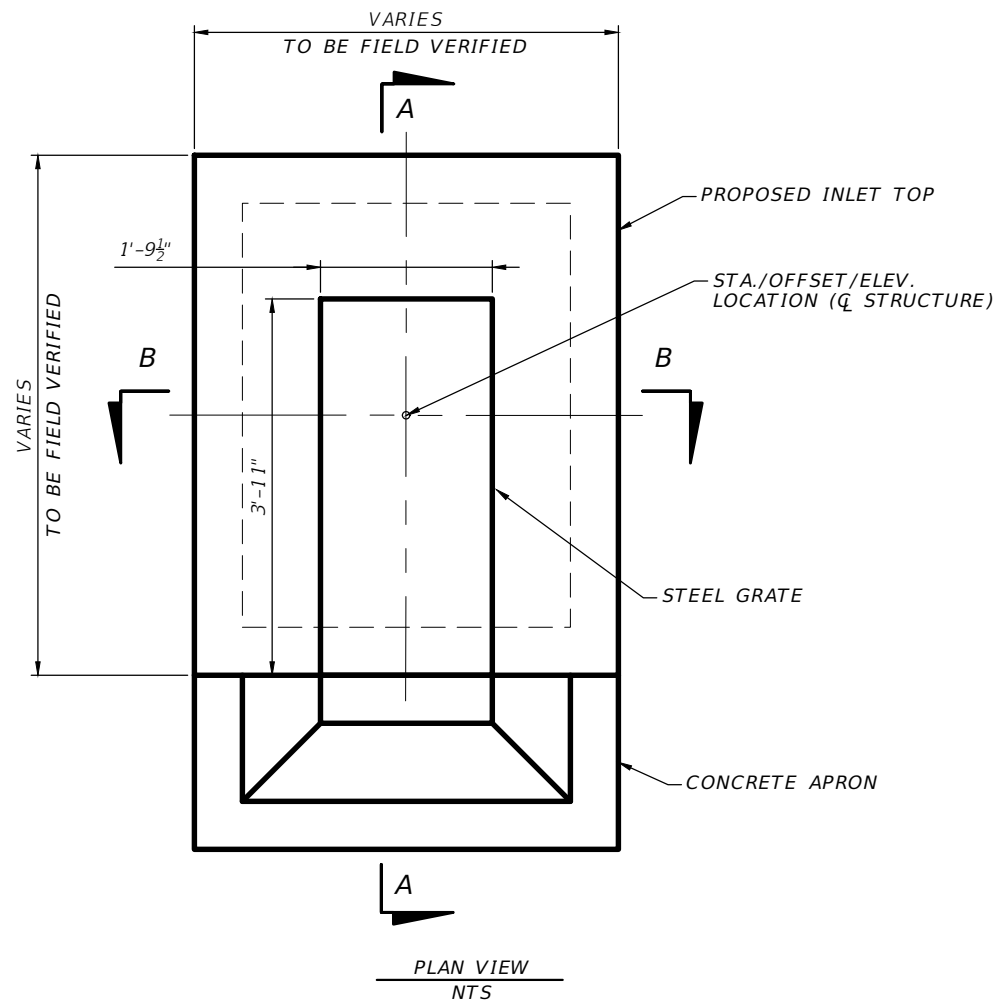


DESIGNED	JMR
DRAWN	JMR
Q.C.	
	HRE
HAMID R. FARAJI, P.E. LIC. NO.: 51581	DATE

DRAINAGE STRUCTURE SECTIONS (6)

PROJECT NO:	2019-027
DATE:	1/09/2023
SHEET NO:	34

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NOTES: 1. ALL COSTS FOR CONCRETE, DITCH PAVEMENT, GRATE (INCLUDING HARDWARE AND INSTALLATION) ARE TO BE INCLUDED IN THE COST OF THE SPECIAL INLET.

2. ALL STRUCTURAL REINFORCEMENT SHALL COMPLY WITH FDOT INDEX NO. 425-001 AND 425-010.

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



HAMID R. FARAJI
LIC. NO.: 51581

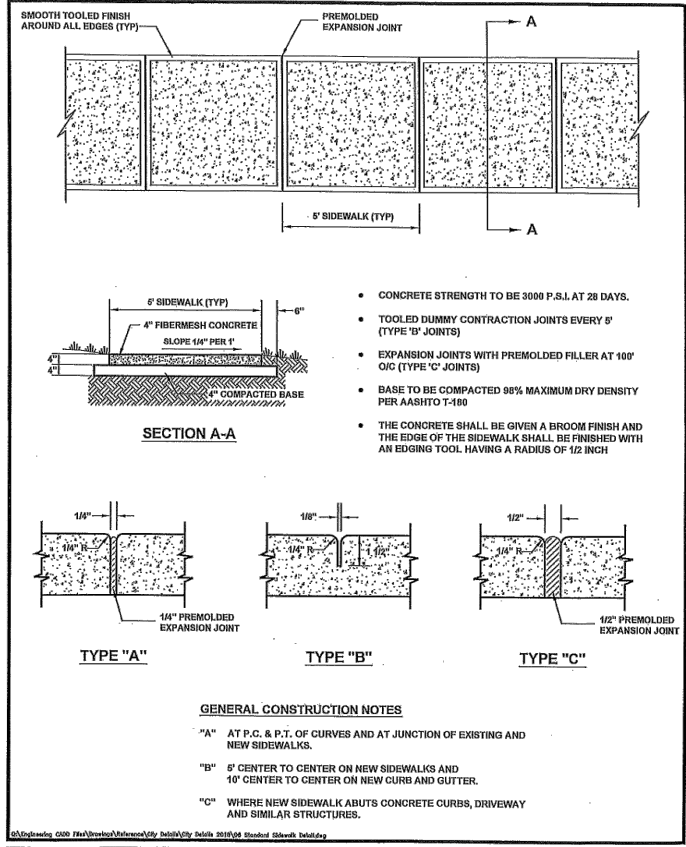
DATE

DESIGNED
DRAWN
Q.C.
JH

DRAINAGE DETAILS

PROJECT NO:
2019-027
DATE:
1/05/2023
SHEET NO:
35

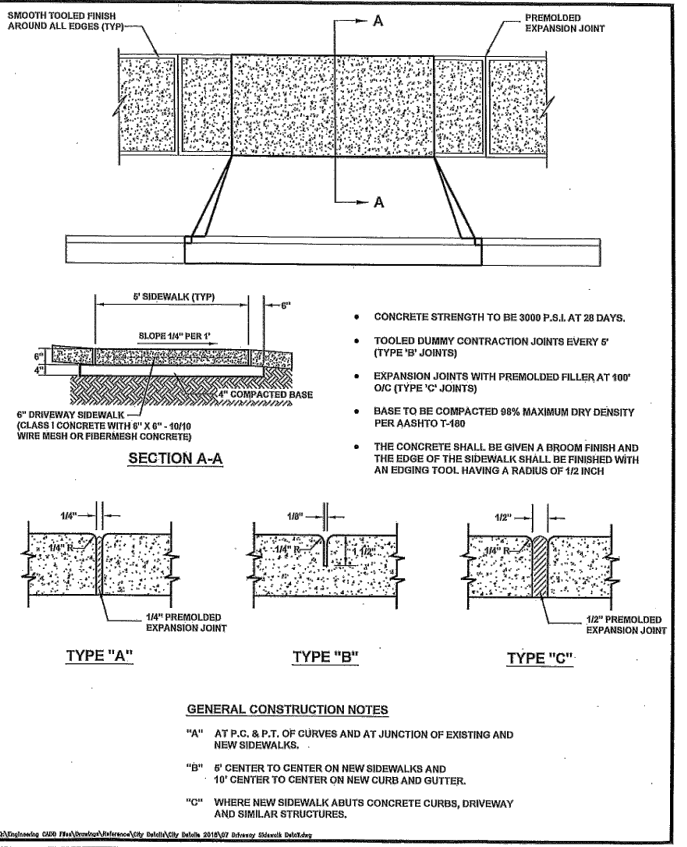
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



DATE: FEBRUARY 2009
SCALE: N.T.S.
DRAWN: D. BARNER

STANDARD SIDEWALK DETAIL

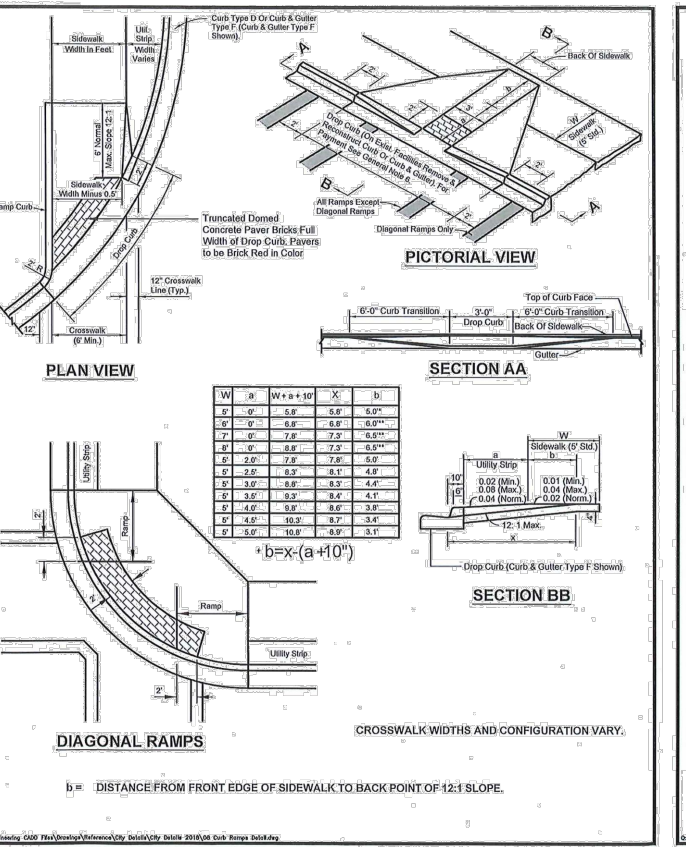
SHEET 6



DATE: FEBRUARY 2009
SCALE: N.T.S.
DRAWN: D. BARNER

DRIVEWAY SIDEWALK DETAIL

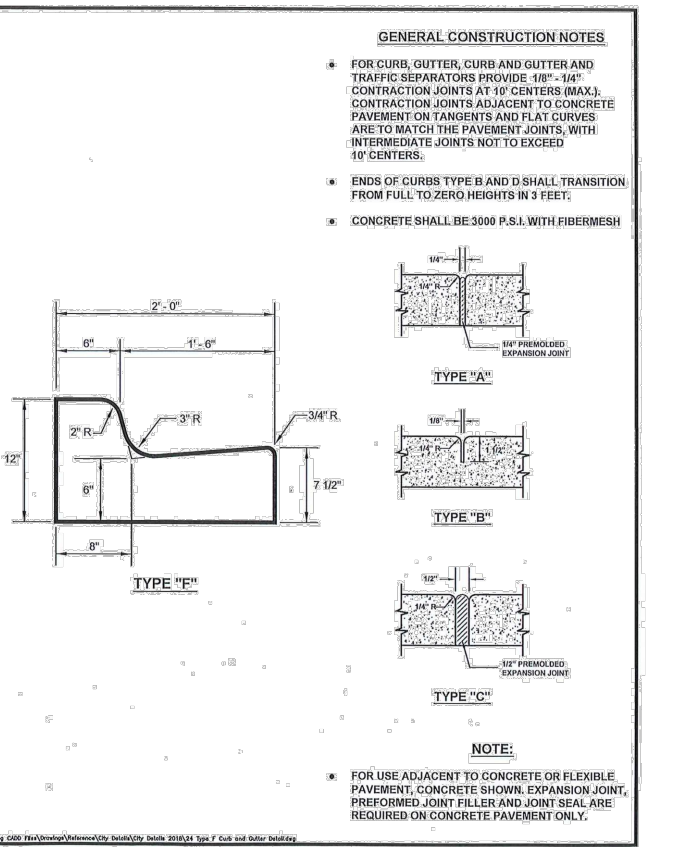
SHEET 7



DATE: JUNE 2008
SCALE: N.T.S.
DRAWN: D. BARNER

CURB RAMP DETAIL

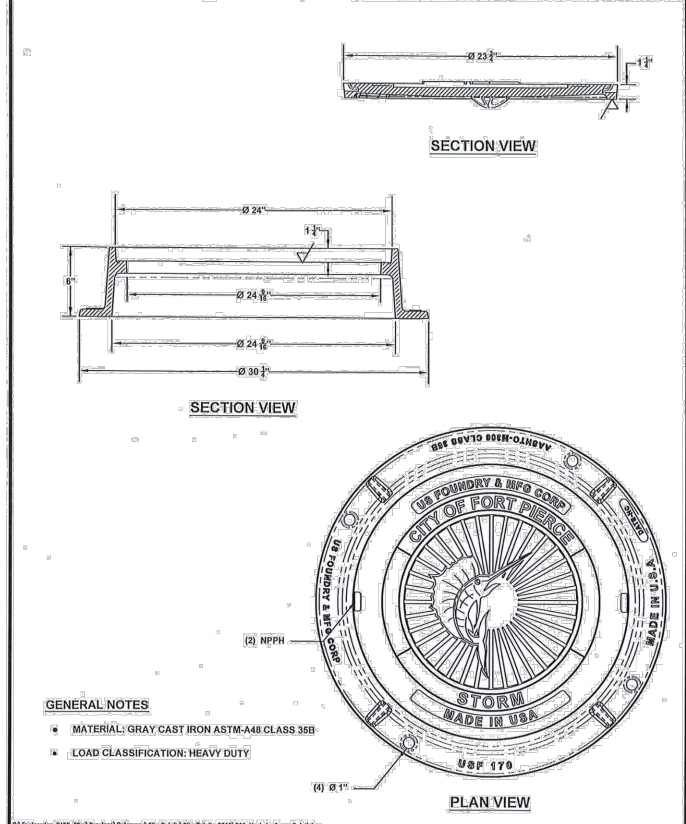
SHEET 8



DATE: FEBRUARY 2009
SCALE: N.T.S.
DRAWN: D. BARNER

CURB AND GUTTER DETAILS

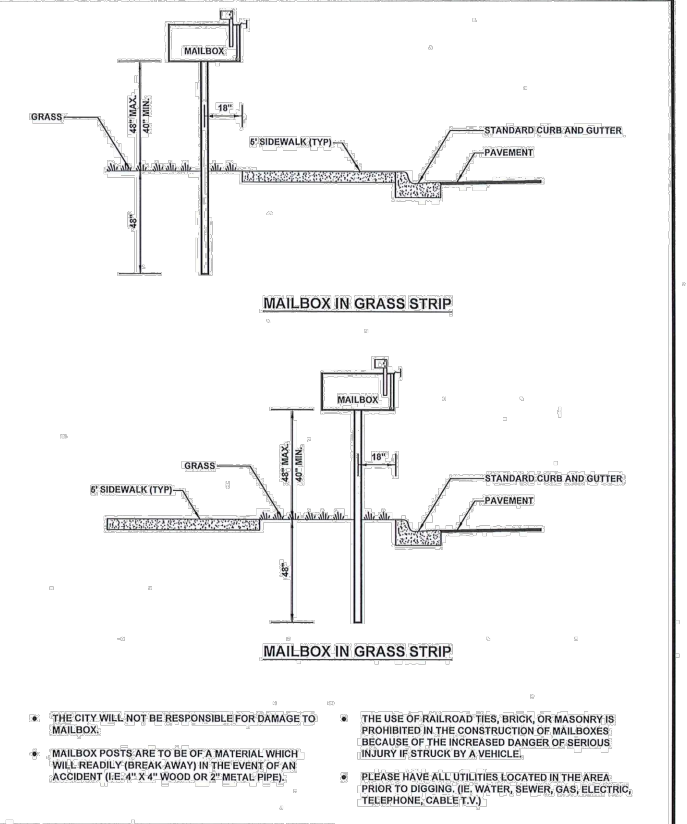
SHEET 24



DATE: APRIL 2002
SCALE: N.T.S.
DRAWN: D. BARNER

MANHOLE COVER DETAIL

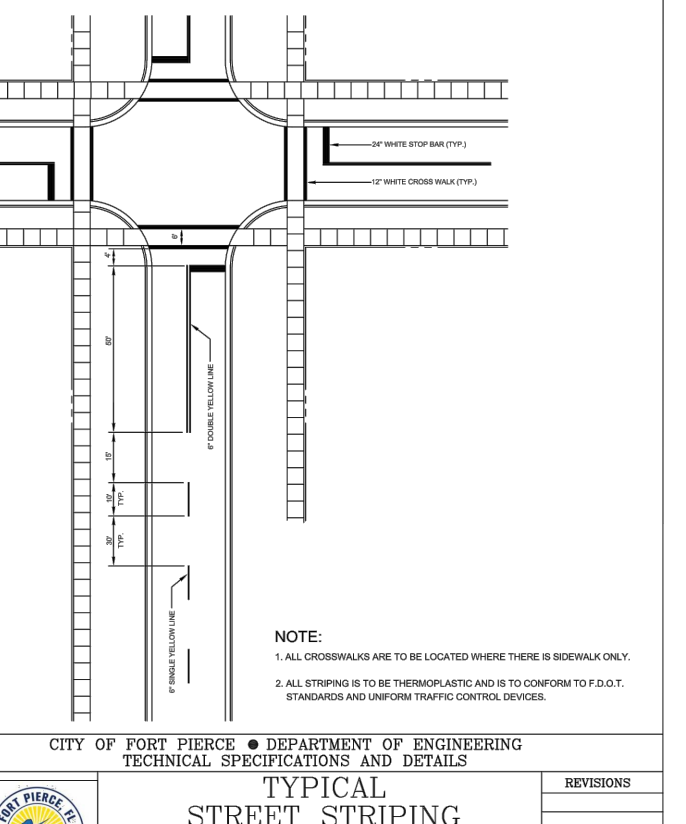
SHEET ?



DATE: APRIL 2008
SCALE: N.T.S.
DRAWN: D. BARNER

TYPICAL MAILBOX INSTALLATION DETAIL

SHEET ?



DATE: APRIL 2008
SCALE: N.T.S.
DRAWN: D. BARNER

TYPICAL STREET STRIPING DETAIL

SHEET No. STP 01

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



DESIGNED: AWS
DRAWN: AWS
O.C.: JH
DATE: _____

JASON Y. YAM
LIC. NO.: 62449

PROJECT NO: 2019-027
DATE: 1/09/2023
SHEET NO: 36

SPECIAL DETAIL

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DATE OF SURVEY: OCTOBER 2021
 SURVEY MADE BY: TIERRA SOUTH FLORIDA, INC.
 SUBMITTED BY: TIERRA SOUTH FLORIDA, INC.

**STATE OF FLORIDA
 DEPARTMENT OF TRANSPORTATION
 MATERIALS AND RESEARCH**

DISTRICT: _____
 ROAD NO.: _____
 COUNTY: MARTIN

PROJECT NAME: OHIO AVE FROM 11TH STREET TO US 1
 ID: 7111-21-409

CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS
 SURVEY BEGINS STA.: 100+00 SURVEY ENDS STA.: 123+00

REFERENCE: OHIO AVE BASELINE


STRATUM NO.	ORGANIC CONTENT		MOISTURE CONTENT		SIEVE ANALYSIS RESULTS % PASS					ATTERBERG LIMITS (%)				DESCRIPTION	NO. OF TESTS	CORROSION TEST RESULTS				
	NO. OF TESTS	% ORGANIC	NO. OF TESTS	% MOISTURE	NO. OF TESTS	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX			AASHTO GROUP	RESISTIVITY ohms-cm	CHLORIDE ppm	SULFATES ppm	pH
1	-	-	-	-	-	-	-	-	-	-	-	-	-	A-8	TOPSOIL	-	-	-	-	-
2	-	-	3	3.9 - 18.2	3	100	80 - 84	36 - 39	13 - 15	1 - 3	-	-	-	A-3	GRAY TO LIGHT BROWN TO BROWN SAND	3	19,500-29,000	30	0.000	7.86 - 8.51
3	1	0.4	2	7.3 - 20.0	2	100	68 - 81	16 - 40	7 - 16	2 - 3	-	-	-	A-3	DARK BROWN SAND WITH TRACE ORGANICS	-	-	-	-	-
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ASPHALT	-	-	-	-	-
5	-	-	2	8.4 - 11.4	2	51-61	40 - 41	26 - 33	16 - 25	10 - 21	-	-	-	A-1-b	LIMEROCK BASE	-	-	-	-	-
6	-	-	-	-	-	-	-	-	-	-	-	-	-	A-3	GRAY TO LIGHT BROWN SAND WITH LIMEROCK	-	-	-	-	-
7	3	4.2 - 5.9	3	17.4 - 36.1	3	100	85 - 86	41 - 50	21 - 27	11 - 15	-	-	-	A-3, A-8	DARK BROWN SAND WITH ORGANICS AND SILT	-	-	-	-	-

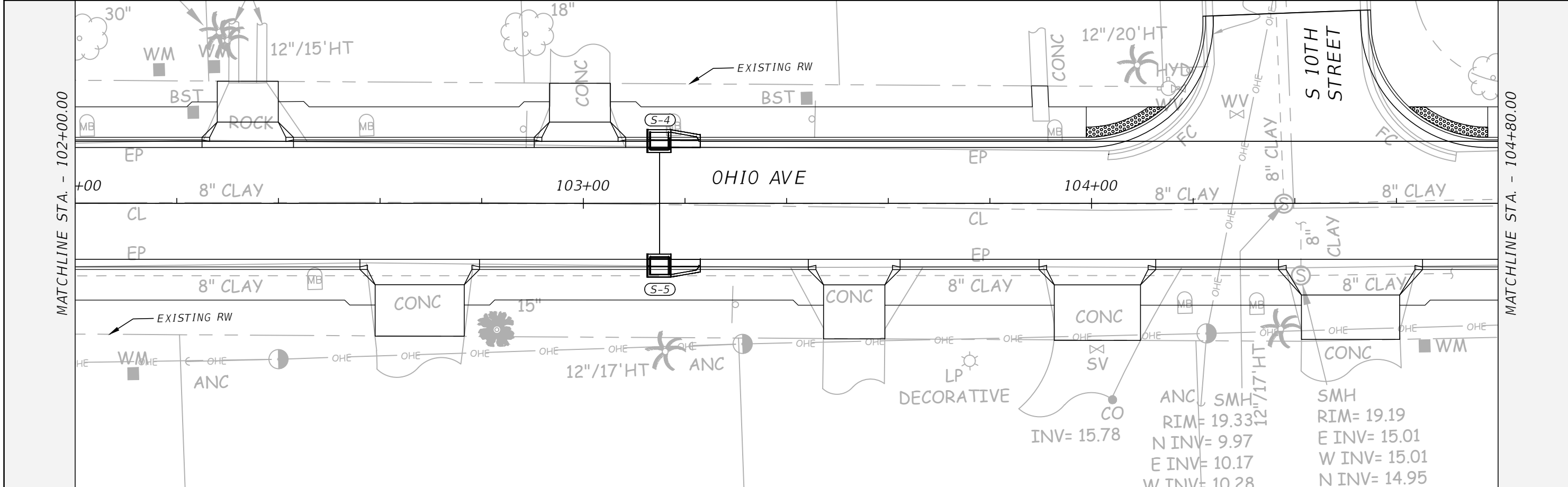
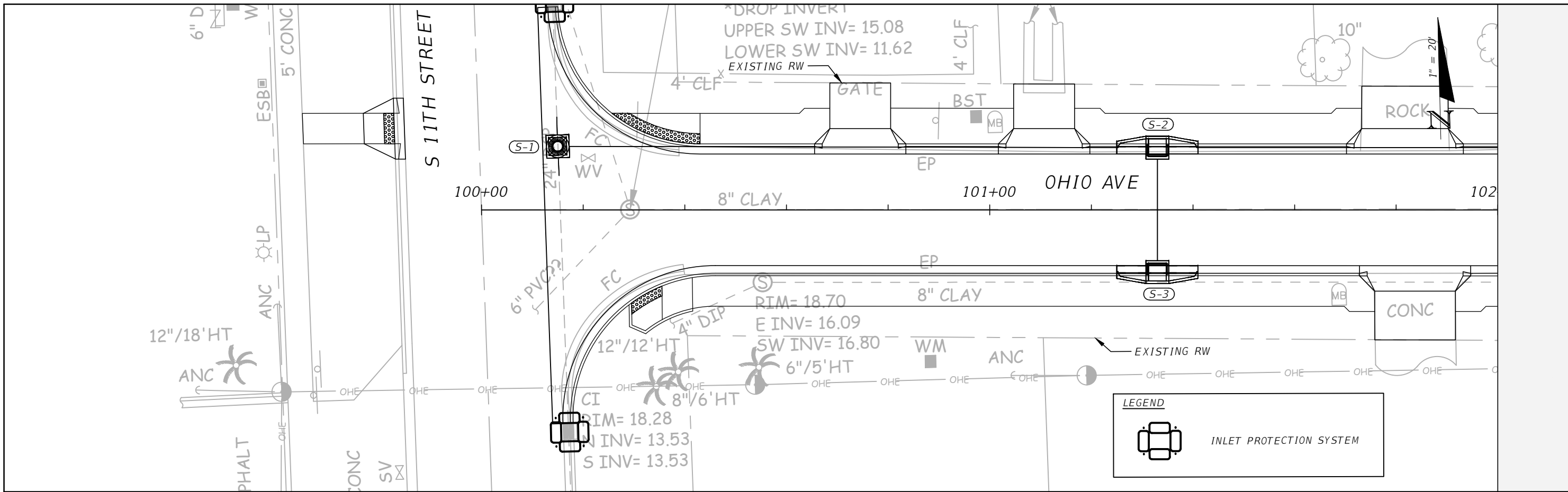
EMBANKMENT AND SUBGRADE MATERIAL

STRATA BOUNDARIES ARE APPROXIMATE. MAKE FINAL CHECK AFTER GRADING.

- ∇ - WATER TABLE ENCOUNTERED
- GNE - GROUNDWATER NOT ENCOUNTERED
- NP - NON PLASTIC

1. STRATA BOUNDARIES ARE APPROXIMATE AND REPRESENT SOIL STRATA AT EACH BORING LOCATION ONLY. ANY SUBSOIL CONNECTING LINES SHOWN ARE FOR ESTIMATING EARTHWORK ONLY AND DO NOT INDICATE ACTUAL STRATUM LIMITS. SUBSURFACE VARIATIONS BETWEEN BORING SHOULD BE ANTICIPATED AS INDICATED IN STANDARD SPECIFICATIONS SECTION 2-4. FOR FURTHER DETAILS SEE SECTION 120-3.
2. GROUNDWATER LEVEL SHOWN AS (∇) WHERE ENCOUNTERED, GROUNDWATER NOT ENCOUNTERED SHOWN AS "GNE". IF ESTIMATED AT OR ABOVE THE BOTTOM OF BORING PROFILE ELEVATION.
3. REMOVAL OF MUCK AND PLASTIC MATERIAL OCCURRING WITHIN THE ROADWAY SHALL BE ACCOMPLISHED IN ACCORDANCE WITH STANDARD PLANS INDEX 120-002, UNLESS OTHERWISE SHOWN ON THE PLANS. THE MATERIAL UTILIZED IN EMBANKMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH STANDARD PLANS INDEX 120-001.
4. SOIL ANALYSIS INCLUDES DATA FROM ROADWAY AREAS AND RAMP AREAS, AS NOTED IN LIMITS ABOVE.
5. THE SYMBOL "-" REPRESENTS AN UNMEASURED PARAMETER.
6. STRATUM 1 CONSISTS OF TOPSOIL (A-8) AND SHOULD BE STRIPPED FROM THE PROPOSED WIDENING AND NEW PAVEMENT AREAS IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 120-EXCAVATION AND EMBANKMENT.
7. STRATUM 2 CONSISTS OF GRAY TO LIGHT BROWN TO BROWN SAND (A-3). THESE MATERIALS APPEAR TO BE SUITABLE TO USE IN SUBGRADE AND EMBANKMENT AND SHOULD BE UTILIZED ACCORDING TO STANDARD PLANS INDEX 120-001.
8. STRATUM 3 CONSISTS OF DARK BROWN SAND WITH TRACE ORGANICS (A-3). THESE MATERIALS APPEAR TO BE SUITABLE TO USE IN SUBGRADE AND EMBANKMENT AND SHOULD BE UTILIZED ACCORDING TO STANDARD PLANS INDEX 120-001.
9. STRATUM 4 CONSISTS OF ASPHALT. STRATUM NUMBER ASSIGNED FOR PURPOSE OF PROFILES.
10. STRATUM 5 CONSISTS OF LIMEROCK BASE (A-1-b). THESE MATERIALS APPEAR TO BE SUITABLE TO USE IN SUBGRADE AND EMBANKMENT AND SHOULD BE UTILIZED ACCORDING TO STANDARD PLANS INDEX 120-001.
11. STRATUM 6 CONSISTS OF GRAY TO LIGHT BROWN SAND WITH LIMEROCK. THESE MATERIALS APPEAR TO BE SUITABLE TO USE IN SUBGRADE AND EMBANKMENT AND SHOULD BE UTILIZED ACCORDING TO STANDARD PLANS INDEX 120-001.
12. STRATUM 7 CONSISTS OF DARK BROWN SAND WITH ORGANICS AND SILT (A-2-4, A-8). THE ORGANIC CONTENT SOIL IS GENERALLY LESS THAN 6 INCHES IN THICKNESS, AND LESS THAN 6% ORGANIC CONTENT. THIS MATERIAL APPEARS TO BE SUITABLE TO USE IN SUBGRADE AND EMBANKMENT SUPPORT AND SHOULD BE UTILIZED ACCORDING TO STANDARD PLANS INDEX 120-001. HOWEVER, THIS MATERIAL IS LIKELY TO RETAIN EXCESS MOISTURE AND MAY BE DIFFICULT TO DRY AND COMPACT. IT MAY BE USED IN THE EMBANKMENT ABOVE THE WATER LEVEL EXISTING AT THE TIME OF CONSTRUCTION AND SHOULD BE USED ACCORDING TO STANDARD PLANS INDEX 120-001. IT MAY BE USED IN THE SUBGRADE PORTION OF THE ROADBED WHEN APPROVED BY THE COUNTY MATERIALS ENGINEER. MATERIAL PLACED BELOW THE EXISTING WATER LEVEL MUST BE NON-PLASTIC AND CONTAIN LESS THAN 15% PASSING THE NO. 200 U.S. STANDARD SIEVE. STRATUM 7 WAS OBSERVED IN THE SOILS AT THE FOLLOWING THREE LOCATIONS: 1.) AB-03, STA. 103+11, 22 FT LT, 2 FT TO 4 FT. 2.) AB-16, STA. 124+81, 16 FT RT, 4 FT TO 6 FT. 3.) AB-17, STA. 118+88, 27 FT LT, 2 FT TO 4 FT. IF THIS MATERIAL IS ENCOUNTERED AT OTHER LOCATIONS, IT SHOULD BE REVIEWED BY THE ENGINEER FOR ORGANIC CONTENT BEFORE RE-USE ON THE SITE, OR FOR BEDDING MATERIALS FOR ANY DRAINAGE ITEMS OR UTILITIES.
13. ALPHA SUFFIX ADJACENT TO THE STRATUM NUMBERS ON THE PROFILES REPRESENT ADDITIONAL NOTES OF MATERIALS AS FOLLOWS: A - WITH SHELL.

DRAWN BY: NG	APPROVED BY: HB	ENGINEER OF RECORD: HARMON BENNETT, P.E. FLORIDA LICENSE NO.: 53130	 TIERRA SOUTH FLORIDA 2765 VISTA PARKWAY, S-10 WEST PALM BEACH, FL 33411	SCALE: NTS	PROJECT NUMBER: 7111-21-409	ROADWAY SOIL SURVEY OHIO AVENUE FORT PIERCE, FLORIDA	Sheet: 37
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NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



DESIGNED: JMR
DRAWN: JMR
O.C.: JMR
HRE

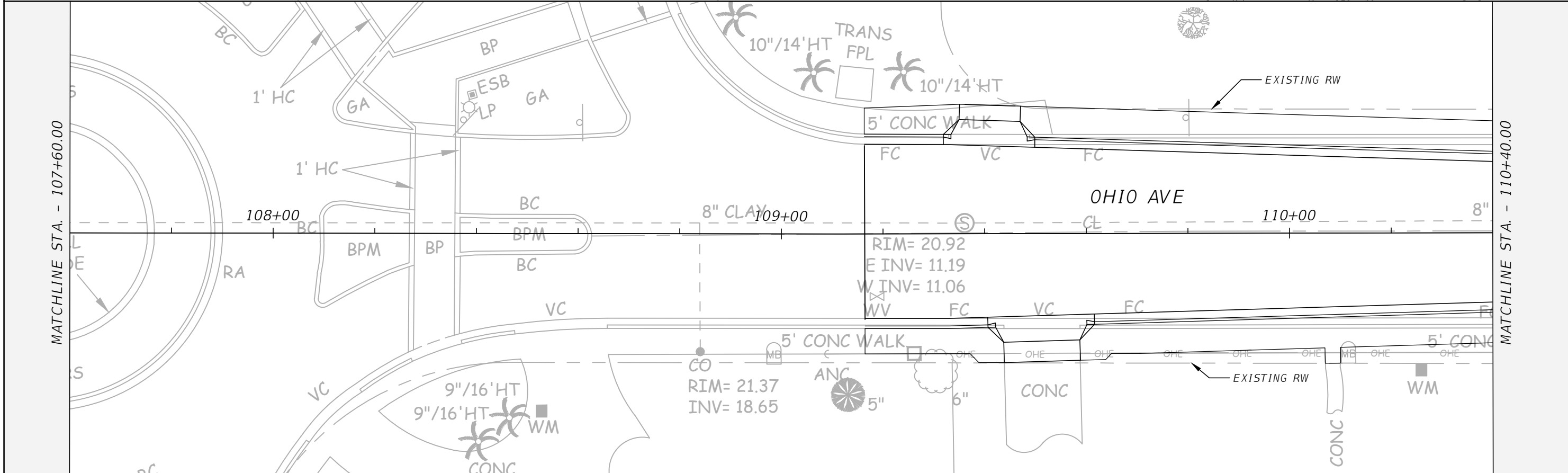
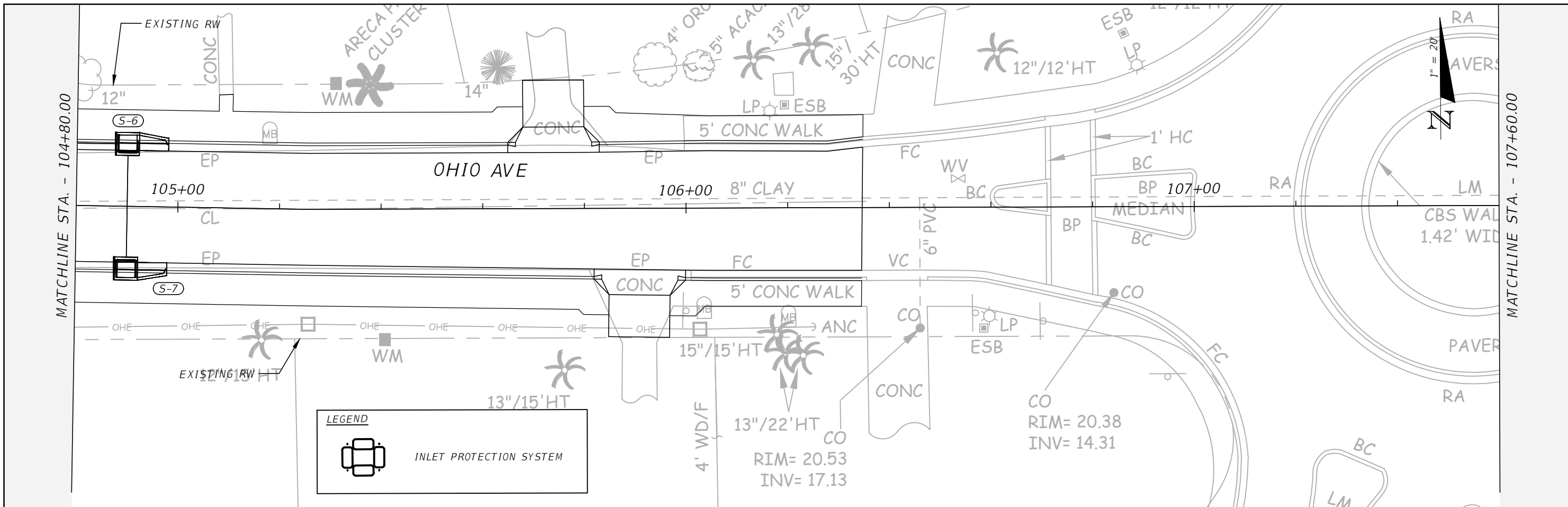
HAMID R. FARAJI, P.E.
LIC. NO.: 51581

DATE

EROSION CONTROL PLAN (1)

PROJECT NO: 2019-027
DATE: 1/20/2023
SHEET NO: 38

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



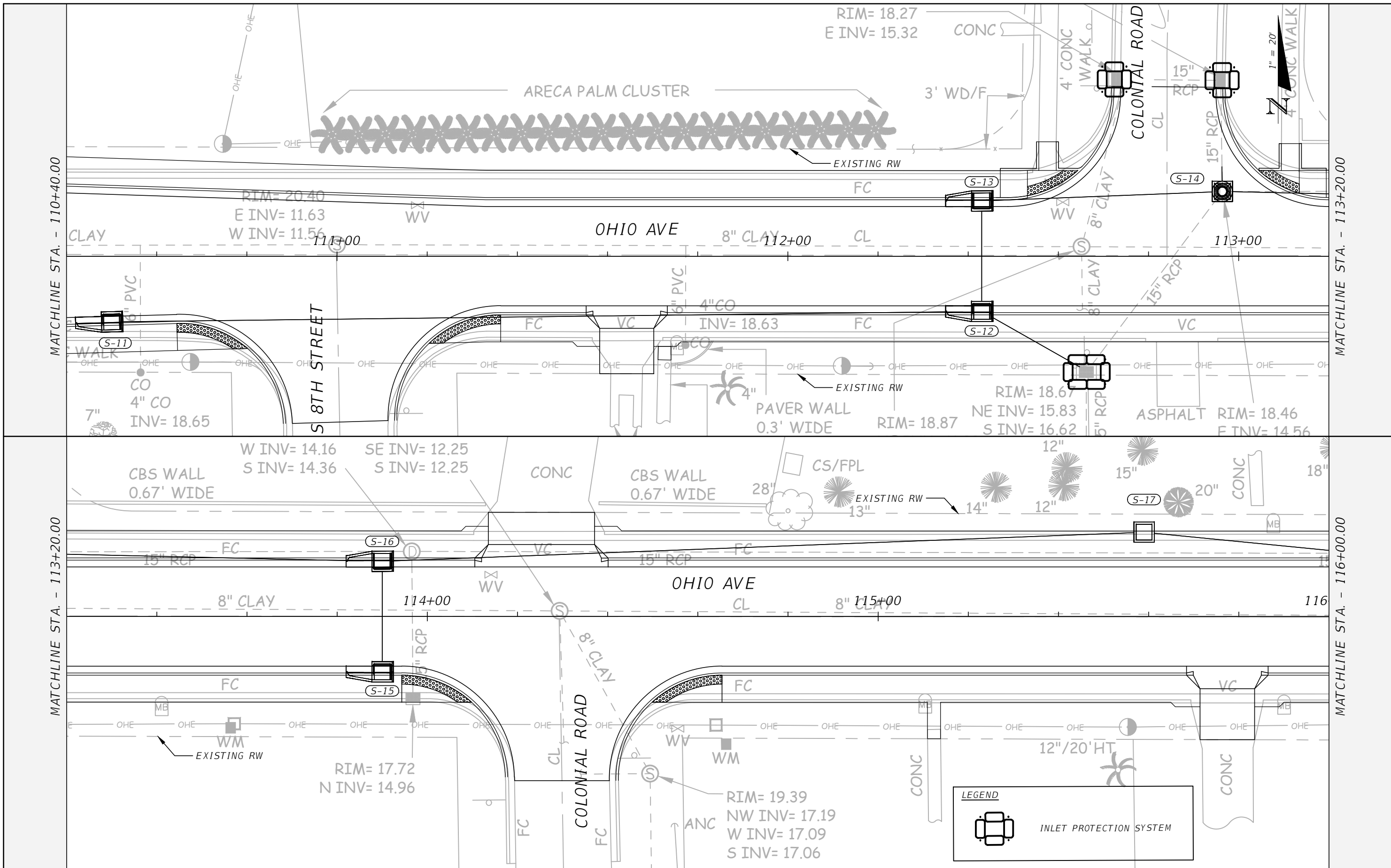
DESIGNED: JMR
 DRAWN: JMR
 O.C.: HRF
 DATE: _____

HAMID R. FARAJI, P.E.
 LIC. NO.: 51581

EROSION CONTROL PLAN (2)

PROJECT NO: 2019-027
 DATE: 1/20/2023
 SHEET NO: 39

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS

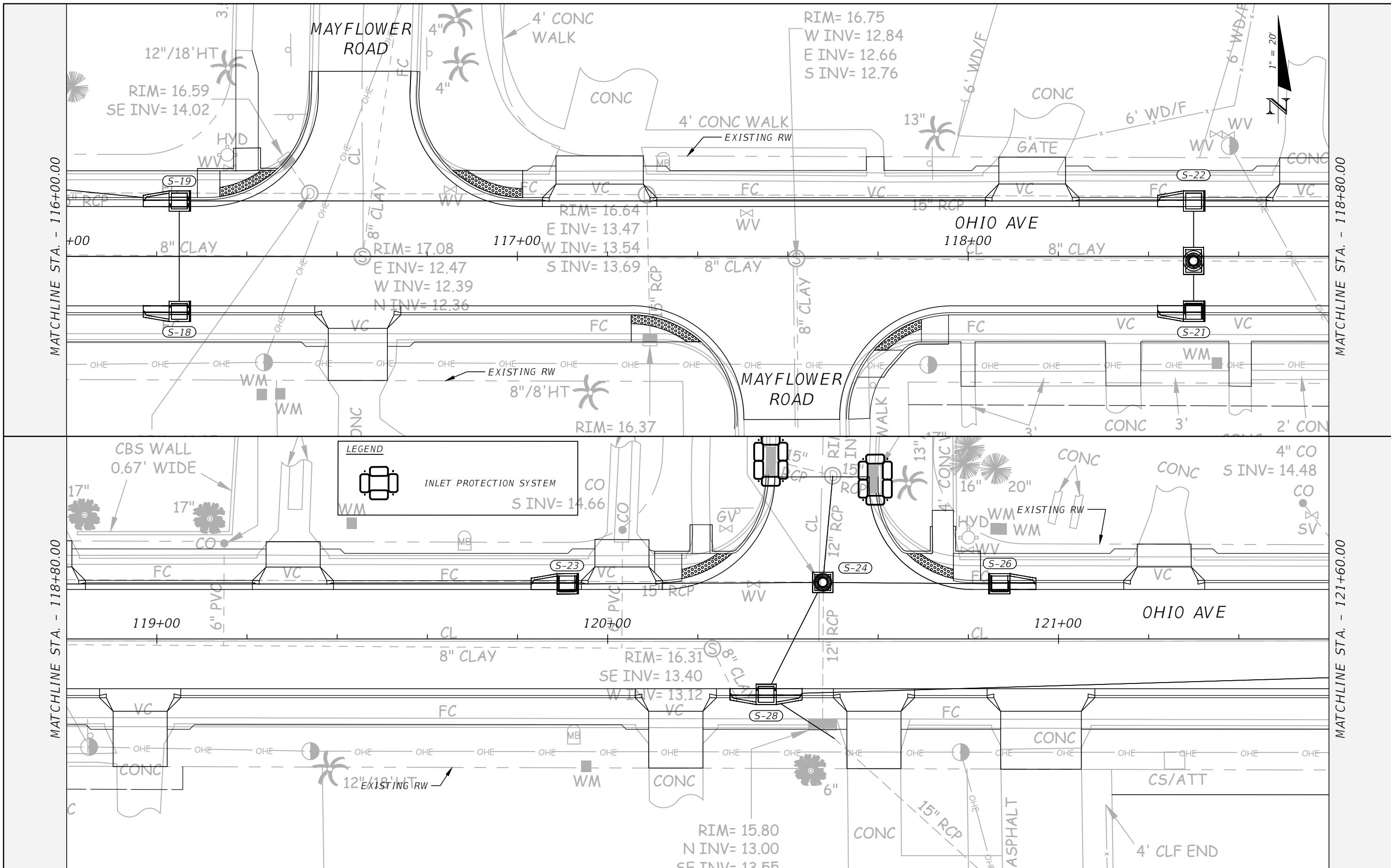


DESIGNED: JMR
 DRAWN: JMR
 O.C.: JMR
 HRF: _____
 DATE: _____
 HAMID R. FARAJI, P.E.
 LIC. NO.: 51581

EROSION CONTROL PLAN (3)

PROJECT NO: 2019-027
 DATE: 1/20/2023
 SHEET NO: 40

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS

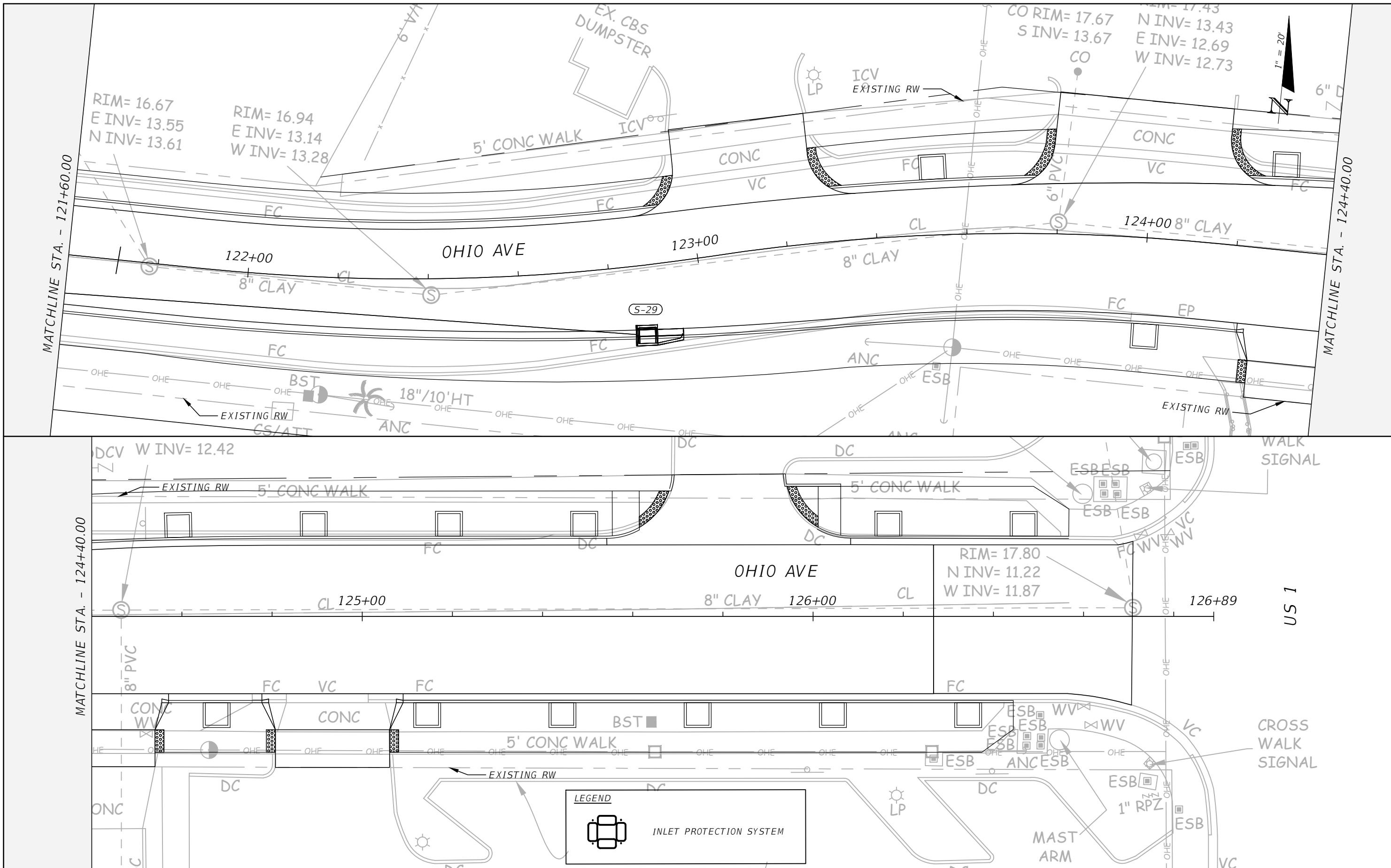


DESIGNED: JMR
 DRAWN: JMR
 O.C.: HRE
 DATE: _____
 HAMID R. FARAJI, P.E.
 LIC. NO.: 51581

EROSION CONTROL PLAN (4)

PROJECT NO: 2019-027
 DATE: 1/20/2023
 SHEET NO: 41

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



DESIGNED: JMR
 DRAWN: JMR
 O.C.: HRF
 DATE: _____
 HAMID R. FARAJI, P.E.
 LIC. NO.: 51581

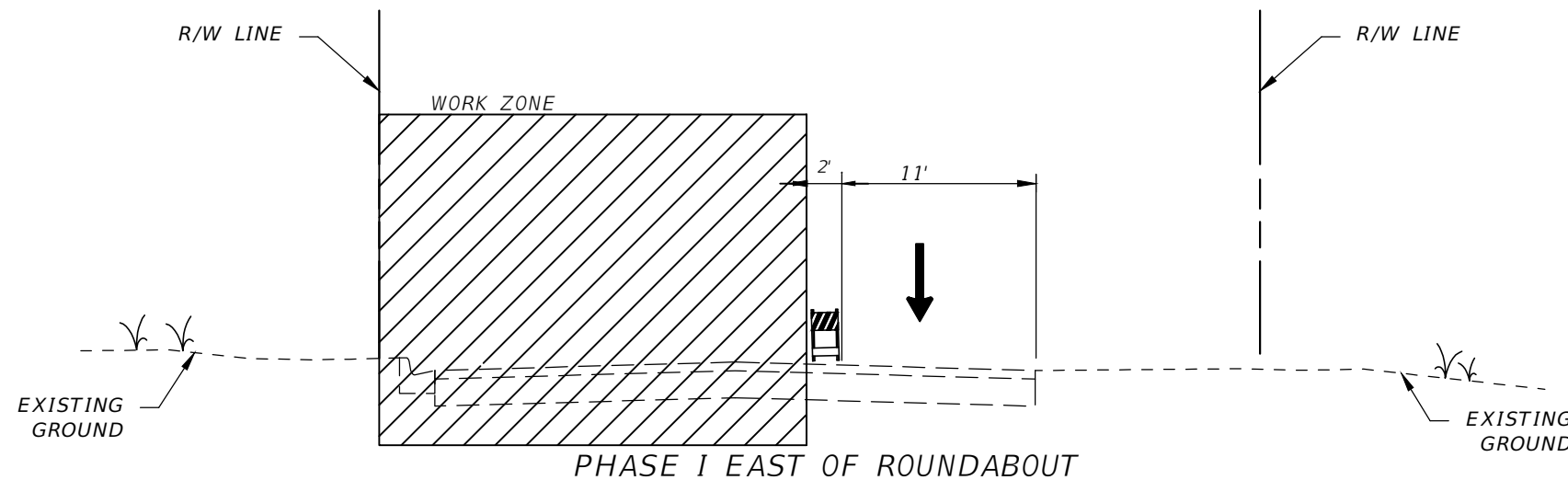
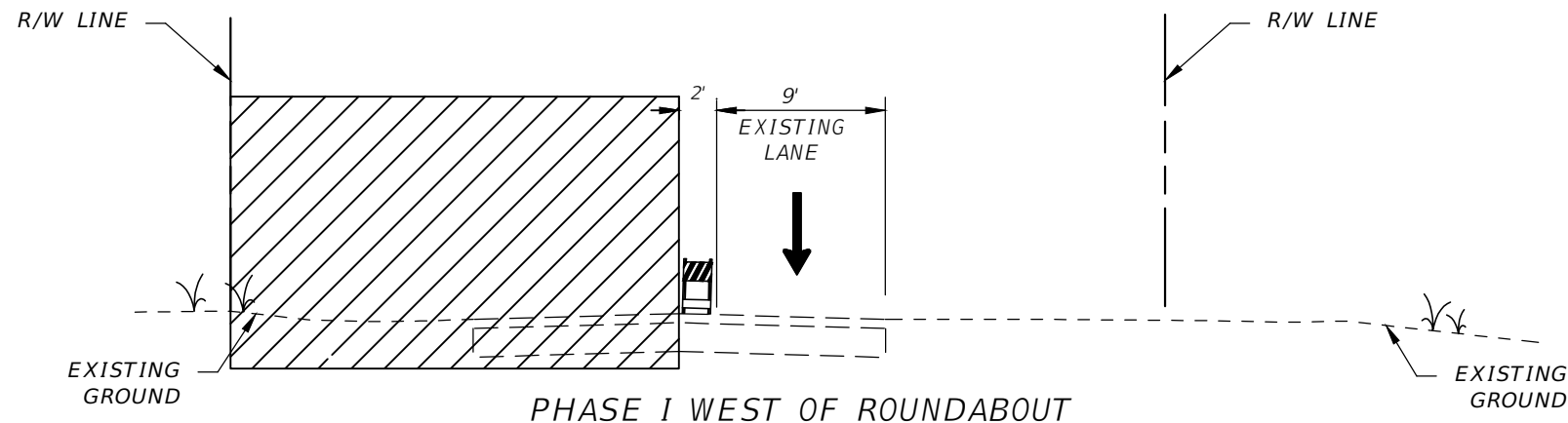
EROSION CONTROL PLAN (5)

PROJECT NO: 2019-027
 DATE: 1/20/2023
 SHEET NO: 42

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MOT GENERAL NOTES

- REGULATORY SPEED ALONG OHIO AVE IS 25 MPH.
 - THE COST OF MAINTENANCE OF TRAFFIC OPERATIONS SHALL BE INCLUDED UNDER THE LUMP SUM PAY ITEM FOR MAINTENANCE OF TRAFFIC, UNLESS A SEPARATE PAY ITEM IS PROVIDED.
 - THE CONTRACTOR SHALL PROVIDE FOR THE SAFE MOVEMENT OF PEDESTRIANS AND VEHICLES THROUGHOUT ALL PHASES OF CONSTRUCTION, INCLUDING DELIVERIES AND DROP-OFFS IN WORK ZONES.
 - ACCESS SHALL BE CONTINUOUSLY MAINTAINED AT ALL SIDE STREETS AND DRIVEWAYS FOR THE DURATION OF THE PROJECT, UNLESS PREVIOUSLY APPROVED BY THE CITY.
 - DURING PERIODS OF LANE CLOSURES, THE CONTRACTOR SHALL PROVIDE AN FDOT CERTIFIED WORK SITE TRAFFIC SUPERVISOR FOR THE INSTALLATION, MAINTENANCE, AND REMOVAL OF TRAFFIC CONTROL DEVICES (E.G. BARRICADES, SIGNS, ARROW PANELS, ETC.) AS OUTLINED IN THE FDOT STANDARD SPECIFICATIONS AND THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS.
 - TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT OR REMOVE LANE CLOSURE OR CHANNELIZATION. UNDER THESE CONDITIONS, THE CONTRACTOR SHALL RESPOND AND PROVIDE ADJUSTMENTS AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL ALSO RESPOND WITHIN THE CONSTRAINTS OUTLINED IN THE STANDARD SPECIFICATIONS UPON NOTIFICATION BY THE ENGINEER OF ANY REQUESTS FOR CORRECTION, IMPROVEMENT, OR MODIFICATION TO THE TRAFFIC CONTROL PLAN AND/OR DEVICES. THE COST OF THIS SERVICE AND THE MAINTENANCE OF THE TEMPORARY PAVEMENT SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR MAINTENANCE OF TRAFFIC.
 - TEMPORARY PAVEMENT SHALL CONSIST OF 1" STRUCTURAL COURSE TYPE SP OVER OPTIONAL BASE GROUP 4 OVER A COMPACTED SUBGRADE. THE COST OF THIS SERVICE AND THE MAINTENANCE OF THE TEMPORARY PAVEMENT SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR MAINTENANCE OF TRAFFIC.
 - IF FDOT STANDARD INDEXES CANNOT BE USED FOR MAINTAINING TRAFFIC THEN THE CONTRACTOR SHALL PROVIDE A DETAILED MAINTENANCE OF TRAFFIC PLAN, SING AND SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER (WITH ADVANCED FDOT MOT CERTIFICATION) FOR REVIEW PRIOR TO IMPLEMENTATION OF THE MAINTENANCE OF TRAFFIC PLAN FOR EACH PHASE OF CONSTRUCTION MOT PLAN SHALL BE DESIGNED IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) (LATEST EDITION) AS WELL AS THE FDOT 102 STANDARD INDEXES AS AMENDED BY THE SPECIFICATIONS FOR THIS PROJECT THE PLAN SHALL BE SUBMITTED WITHIN 30 DAYS AFTER CONTRACT AWARD. THE SEQUENCE OF CONSTRUCTION AND METHODS DESCRIBED IN THIS PLAN SET IS A SUGGESTED MAINTENANCE OF TRAFFIC SCHEME.
 - THE CONTRACTOR SHALL PROVIDE AND MAINTAIN FOUR PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) FOR A PERIOD OF TWO WEEKS PRIOR TO THE START OF CONSTRUCTION NOTIFYING THE PUBLIC OF THE CONSTRUCTION START DATE. THE PCMS WILL BE LOCATED AT BEGINNING AND END OF PROJECT AND ON EITHER SIDE OF THE ROUNDABOUT
- | | | | |
|------------|-------------|------------|-------------------|
| MESSAGE #1 | ROAD CONST. | MESSAGE #2 | TO BEGIN XX/XX/XX |
|------------|-------------|------------|-------------------|
-
- | | | | |
|------------|-----------------------|------------|------------------------|
| MESSAGE #1 | WEST_BND TRAFFIC ONLY | MESSAGE #2 | EAST_BND USE ALT ROUTE |
|------------|-----------------------|------------|------------------------|



CONSTRUCTION PHASING NOTES

PHASE I

PHASE I OPERATIONS ARE TO CONSTRUCT THE NORTH SIDE OF THE ROAD USING ONE LANE – ONE WAY HEADING TO THE EAST

- INSTALL ADVANCE WARNING SIGNS AND TRAFFIC CONTROL DEVICES WITH REFERENCE TO FDOT INDEX NO. 102-600.
- INSTALL USING SIGNS AND TRAFFIC CONTROL DEVICES TO FACILITATE ONE LANE ONE WAY OPERATIONS
- SHIFT TRAFFIC AND CHANNELIZING DEVICES FOR PHASE ONE CONSTRUCTION
- CONSTRUCT PROPOSED WESTBOUND TRAVEL LANE, SIDEWALK, SIDE STREETS/DRIVEWAYS, DRAINAGE STRUCTURES AND PIPES ON THE NORTH SIDE OF OHIO AVE ALONG WITH PARTIAL LATERAL CROSSINGS

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



JASON Y. YAM
 LIC. NO.: 62449

DATE

DESIGNED	AWS
DRAWN	AWS
Q.C.	JH

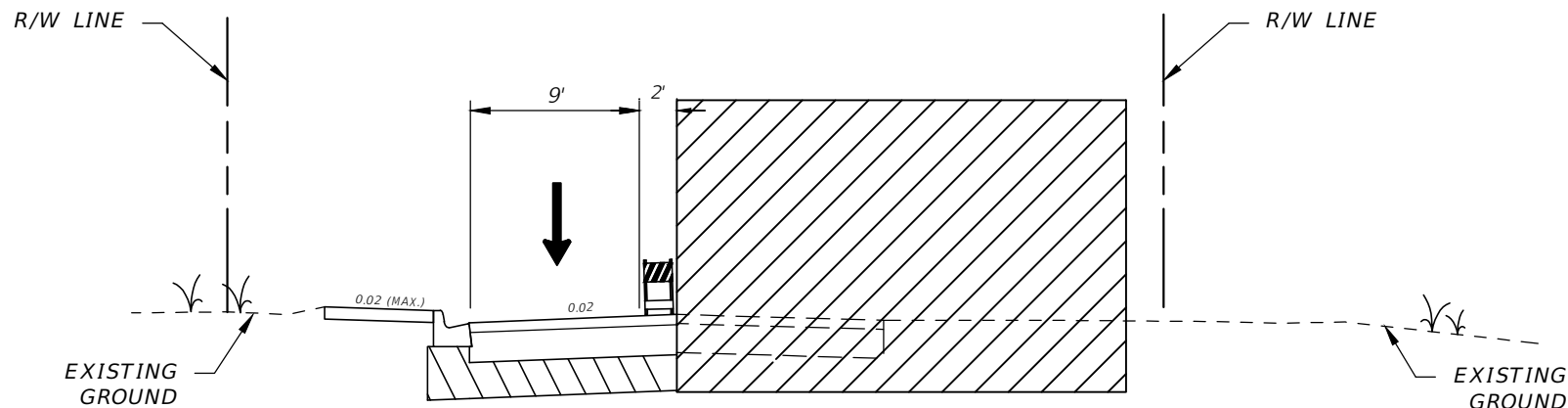
TRAFFIC CONTROL NOTES AND TYPICAL SECTIONS (1)

PROJECT NO:	2019-027
DATE:	1/09/2023
SHEET NO:	43

PHASE II

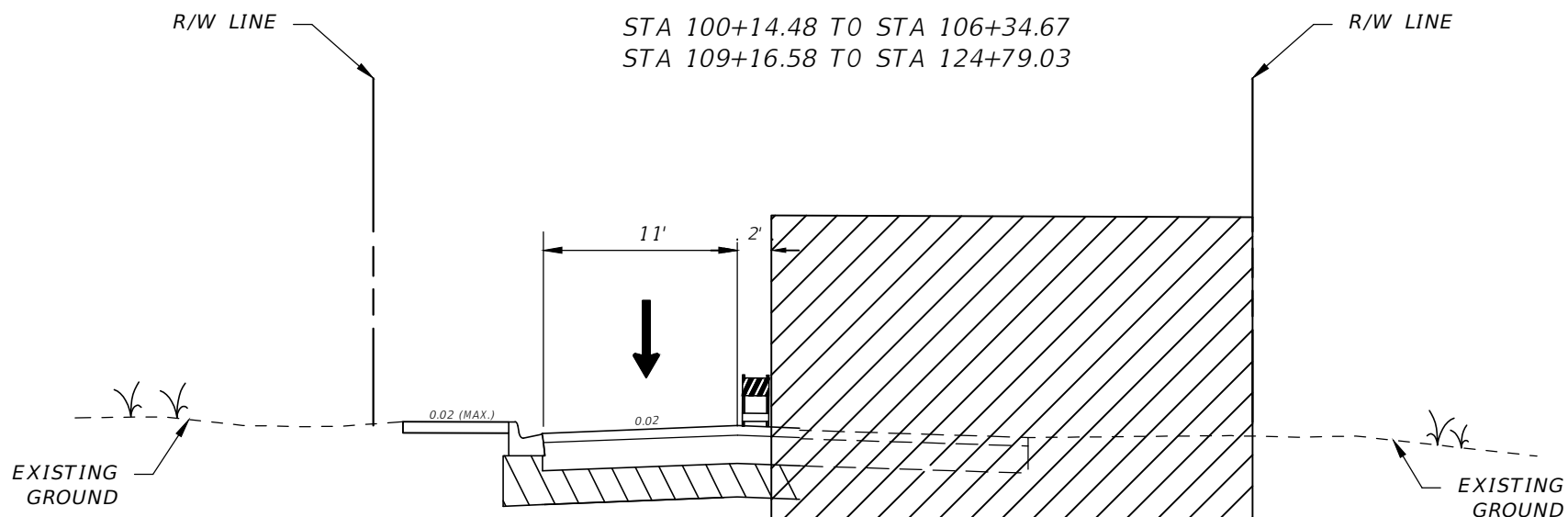
PHASE II OPERATIONS ARE TO CONSTRUCT THE SOUTH SIDE OF THE ROAD USING ONE LANE – ONE WAY HEADING TO THE EAST

1. INSTALL ADVANCE WARNING SIGNS AND TRAFFIC CONTROL DEVICES WITH REFERENCE TO FDOT INDEX NO. 102-600.
2. INSTALL USING SIGNS AND TRAFFIC CONTROL DEVICES TO FACILITATE ONE LANE ONE WAY OPERATIONS
3. SHIFT TRAFFIC AND CHANNELIZING DEVICES FOR PHASE THREE CONSTRUCTION
4. CONSTRUCT PROPOSED EASTBOUND TRAVEL LANE, SIDEWALK, SIDE STREETS/DRIVEWAYS, DRAINAGE STRUCTURES AND PIPES ON THE SOUTH SIDE OF OHIO AVE ALONG WITH PARTIAL LATERAL CROSSINGS



PHASE II WEST OF THE ROUNDABOUT

STA 100+14.48 TO STA 106+34.67
STA 109+16.58 TO STA 124+79.03



PHASE II EAST OF ROUNDABOUT

STA 124+79.03 TO STA 126+26.73

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



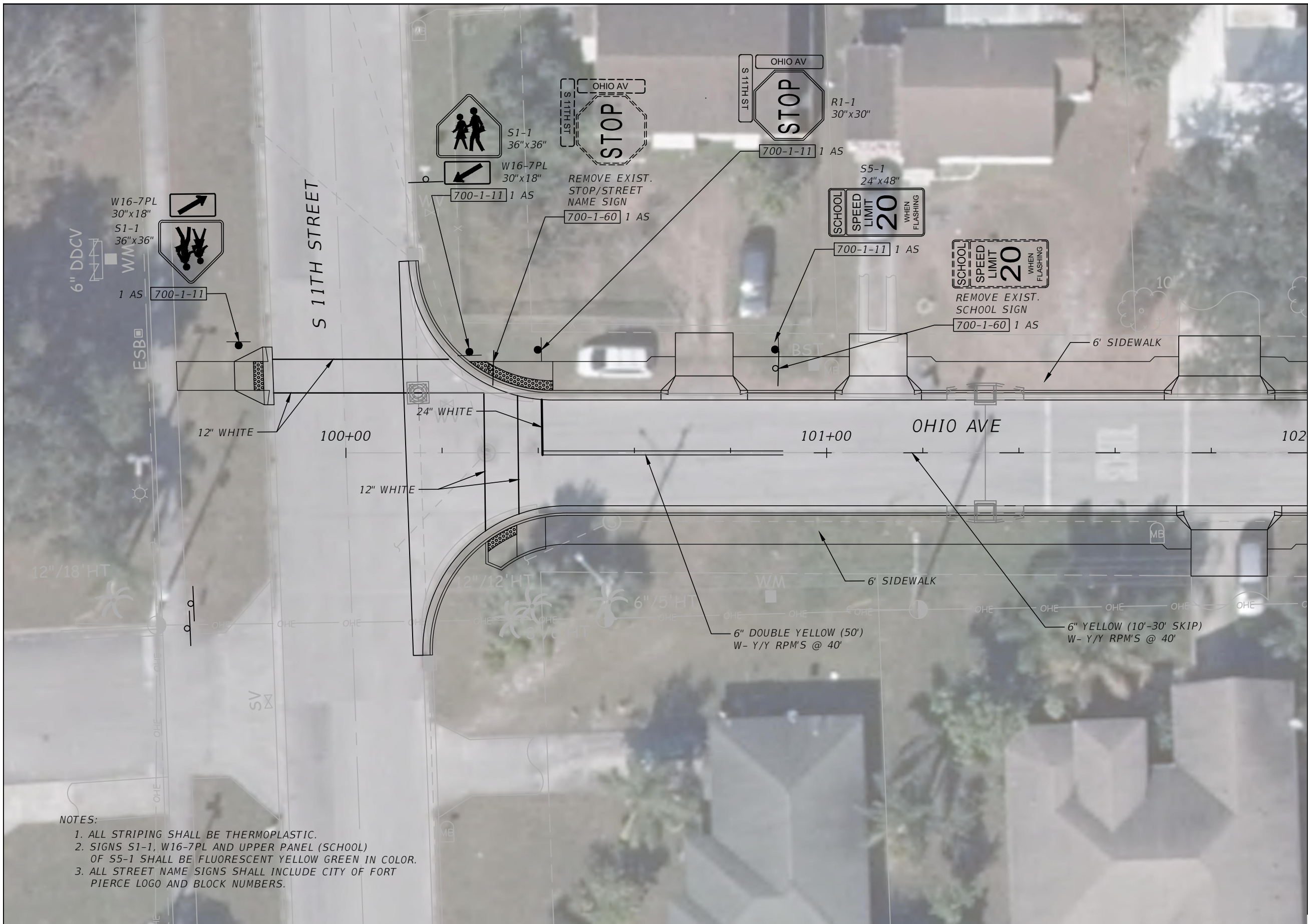
JASON Y. YAM
LIC. NO.: 62449
DATE

DESIGNED
DRAWN
Q.C.
AWS
AWS
JH

TRAFFIC CONTROL NOTES AND TYPICAL SECTIONS (2)

PROJECT NO:
2019-027
DATE:
1/09/2023
SHEET NO:
44

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 102+00.00



- NOTES:
1. ALL STRIPING SHALL BE THERMOPLASTIC.
 2. SIGNS S1-1, W16-7PL AND UPPER PANEL (SCHOOL) OF S5-1 SHALL BE FLUORESCENT YELLOW GREEN IN COLOR.
 3. ALL STREET NAME SIGNS SHALL INCLUDE CITY OF FORT PIERCE LOGO AND BLOCK NUMBERS.

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS

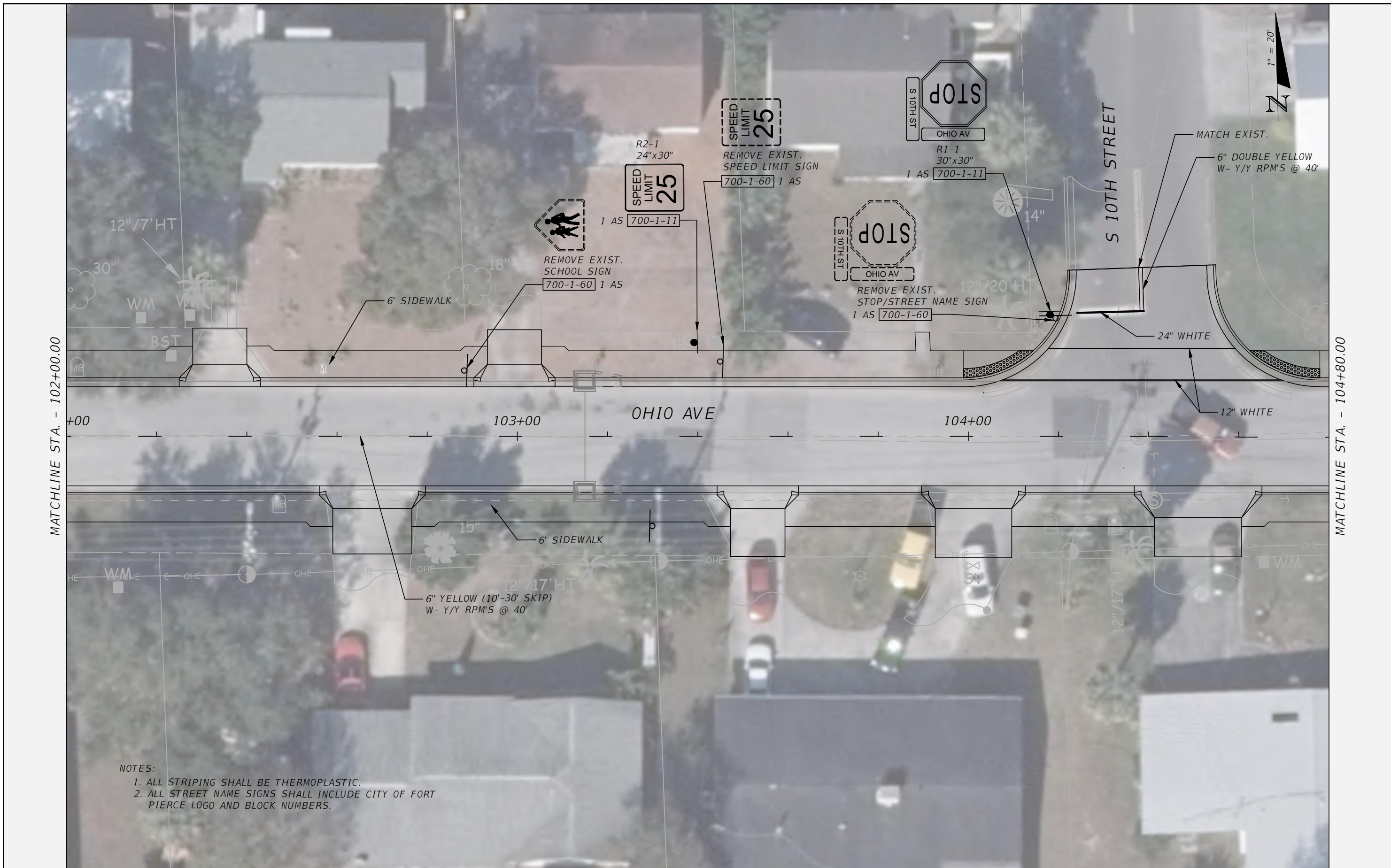


DESIGNED: AWS
 DRAWN: AWS
 Q.C.: JH
 JASON Y. YAM DATE
 LIC. NO.: 62449

SIGNING AND PAVEMENT MARKING PLAN (1)

PROJECT NO: 2019-027
 DATE: 1/09/2023
 SHEET NO: 45

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NOTES:
 1. ALL STRIPING SHALL BE THERMOPLASTIC.
 2. ALL STREET NAME SIGNS SHALL INCLUDE CITY OF FORT PIERCE LOGO AND BLOCK NUMBERS.

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS

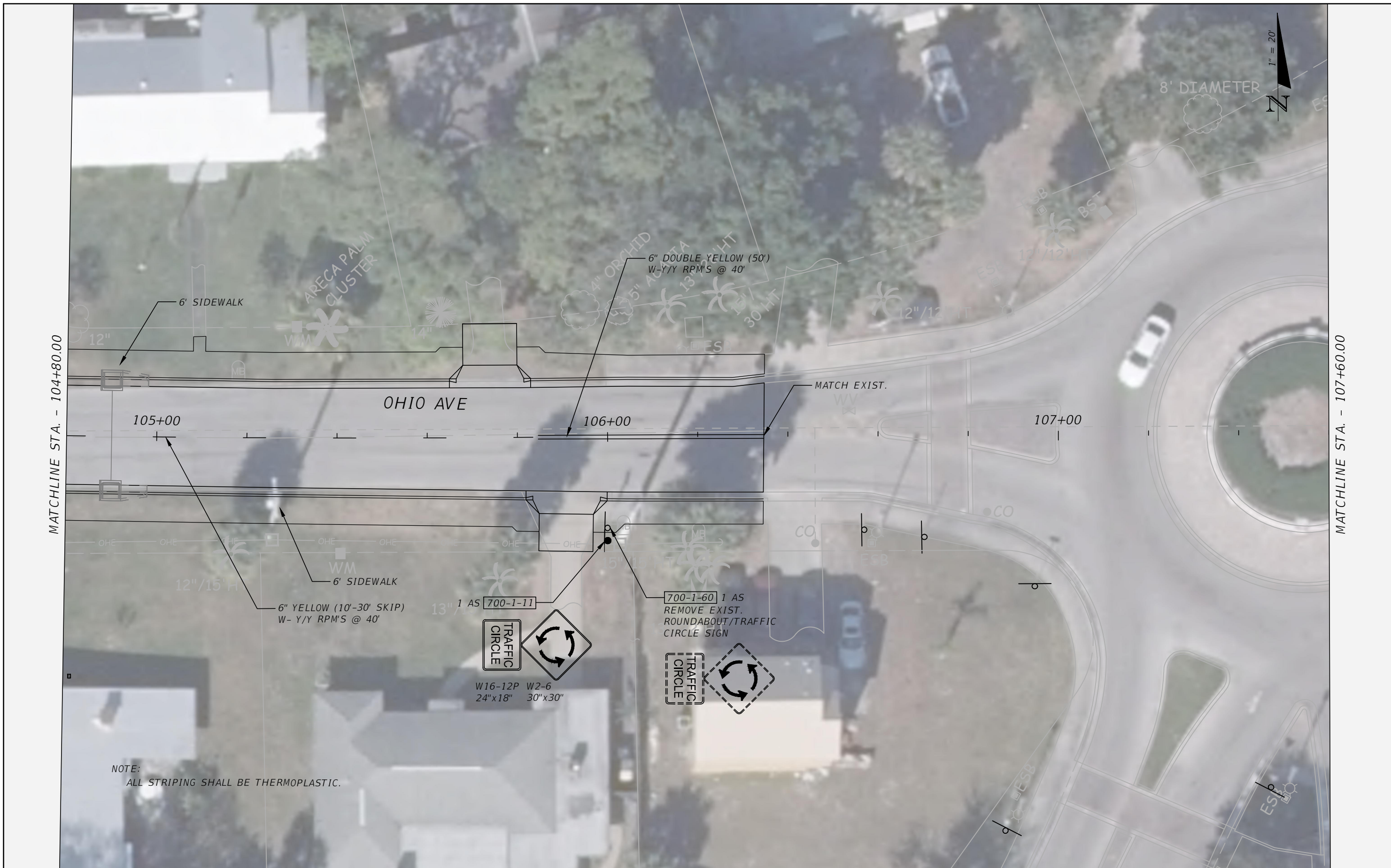


DESIGNED: AWS
 DRAWN: AWS
 Q.C.: JH
 JASON Y. YAM
 LIC. NO.: 62449
 DATE: 1/17/2023 7:03:18 AM

SIGNING AND PAVEMENT MARKING PLAN (2)

PROJECT NO.: 2019-027
 DATE: 1/09/2023
 SHEET NO.: 46

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NOTE:
ALL STRIPING SHALL BE THERMOPLASTIC.

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



DESIGNED	AWS
DRAWN	AWS
Q.C.	JH
DATE	

SIGNING AND PAVEMENT MARKING PLAN (3)

PROJECT NO:	2019-027
DATE:	1/09/2023
SHEET NO:	47

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NOTE:
ALL STRIPING SHALL BE THERMOPLASTIC.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS

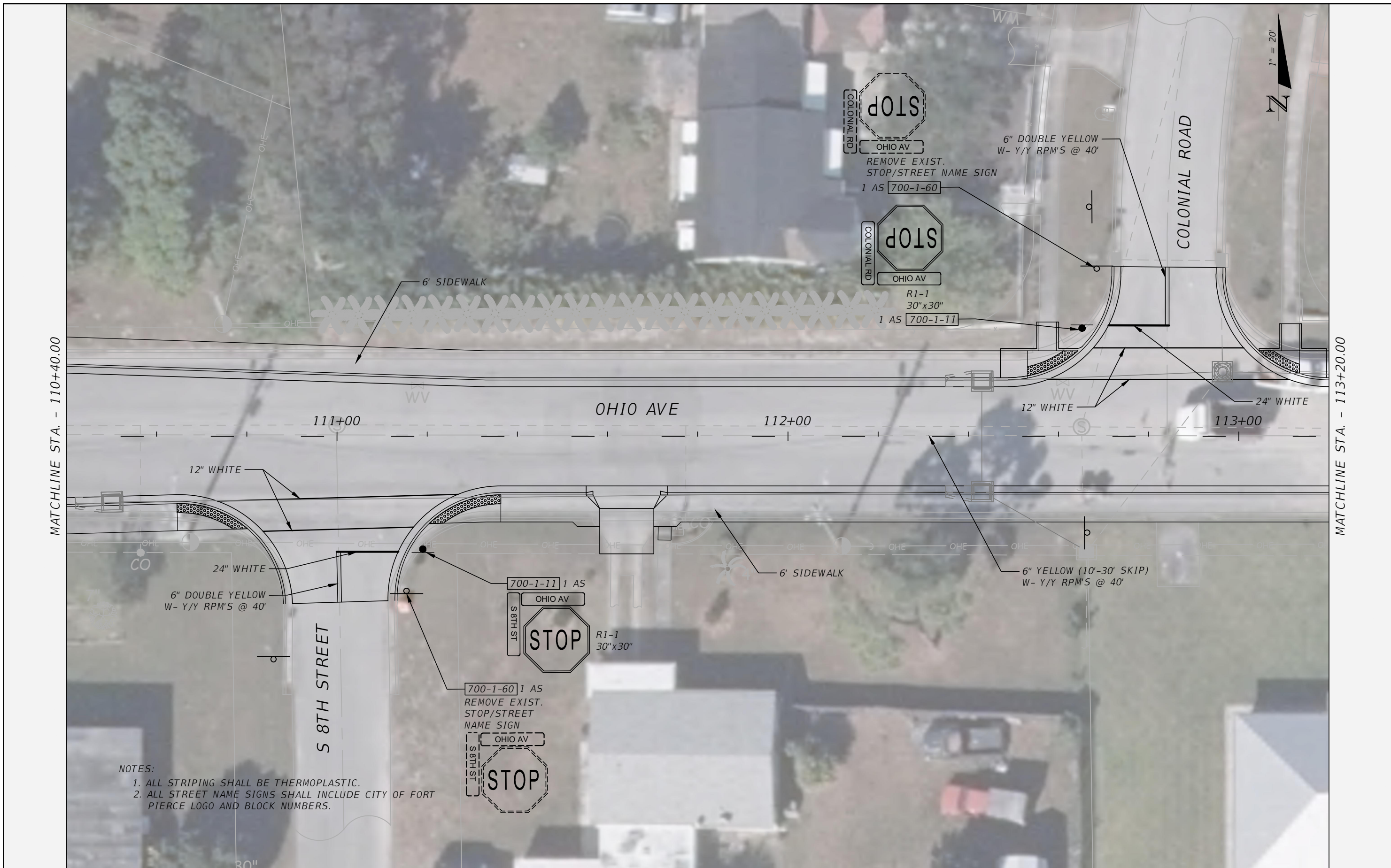


JASON Y. YAM
LIC. NO.: 62449

DESIGNED
AWS
DRAWN
AWS
Q.C.
JH

SIGNING AND PAVEMENT MARKING PLAN (1)

PROJECT NO:
2019-027
DATE:
1/09/2023
SHEET NO:
48



MATCHLINE STA. - 110+40.00

MATCHLINE STA. - 113+20.00

- NOTES:
1. ALL STRIPING SHALL BE THERMOPLASTIC.
 2. ALL STREET NAME SIGNS SHALL INCLUDE CITY OF FORT PIERCE LOGO AND BLOCK NUMBERS.

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS

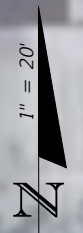


DESIGNED: _____
 DRAWN: AWS
 Q.C.: JH
 DATE: _____
 JASON Y. YAM
 LIC. NO.: 62449

SIGNING AND PAVEMENT MARKING PLAN (5)

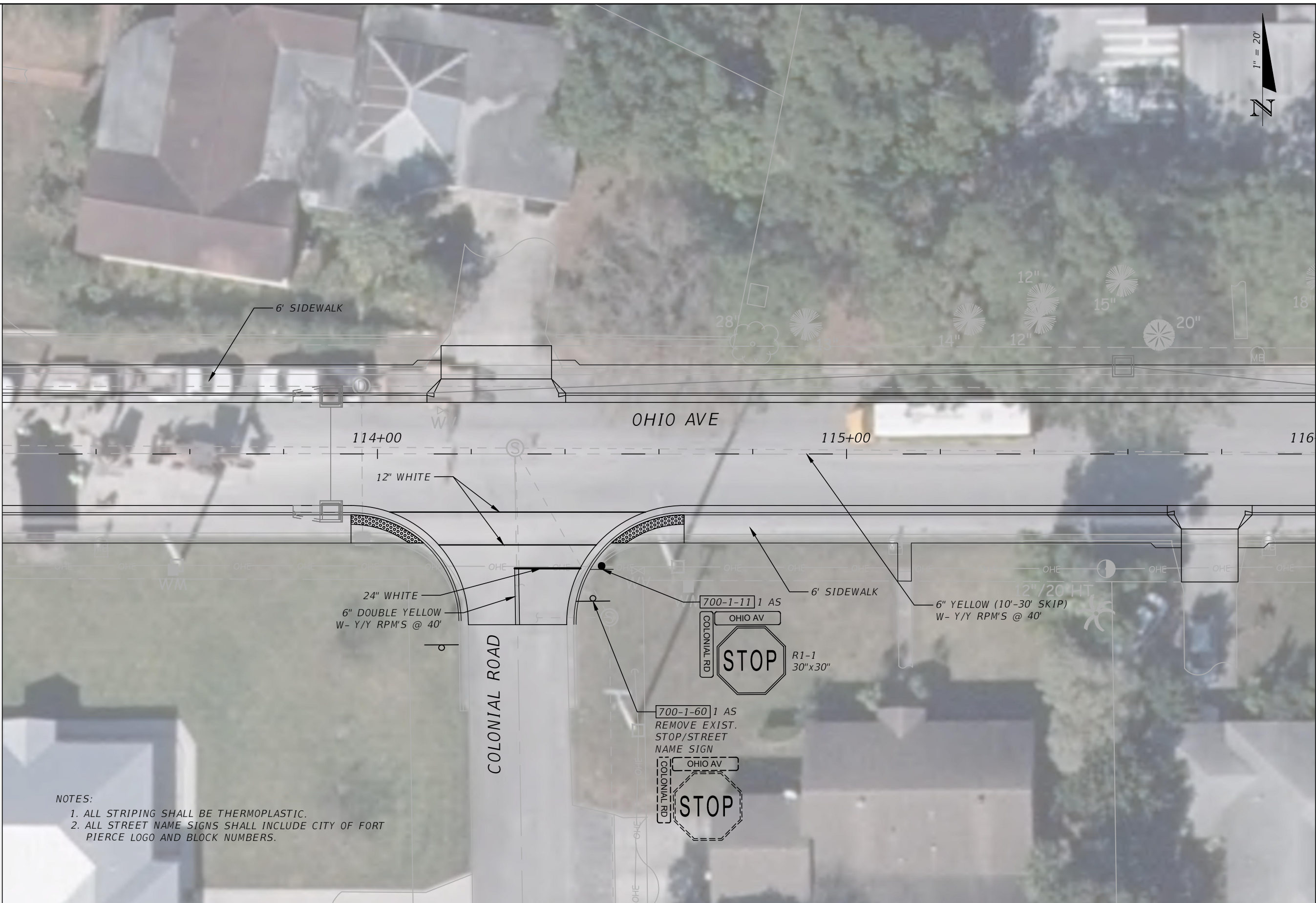
PROJECT NO: 2019-027
 DATE: 1/09/2023
 SHEET NO: 49

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 113+20.00

MATCHLINE STA. - 116+00.00



- NOTES:
1. ALL STRIPING SHALL BE THERMOPLASTIC.
 2. ALL STREET NAME SIGNS SHALL INCLUDE CITY OF FORT PIERCE LOGO AND BLOCK NUMBERS.

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



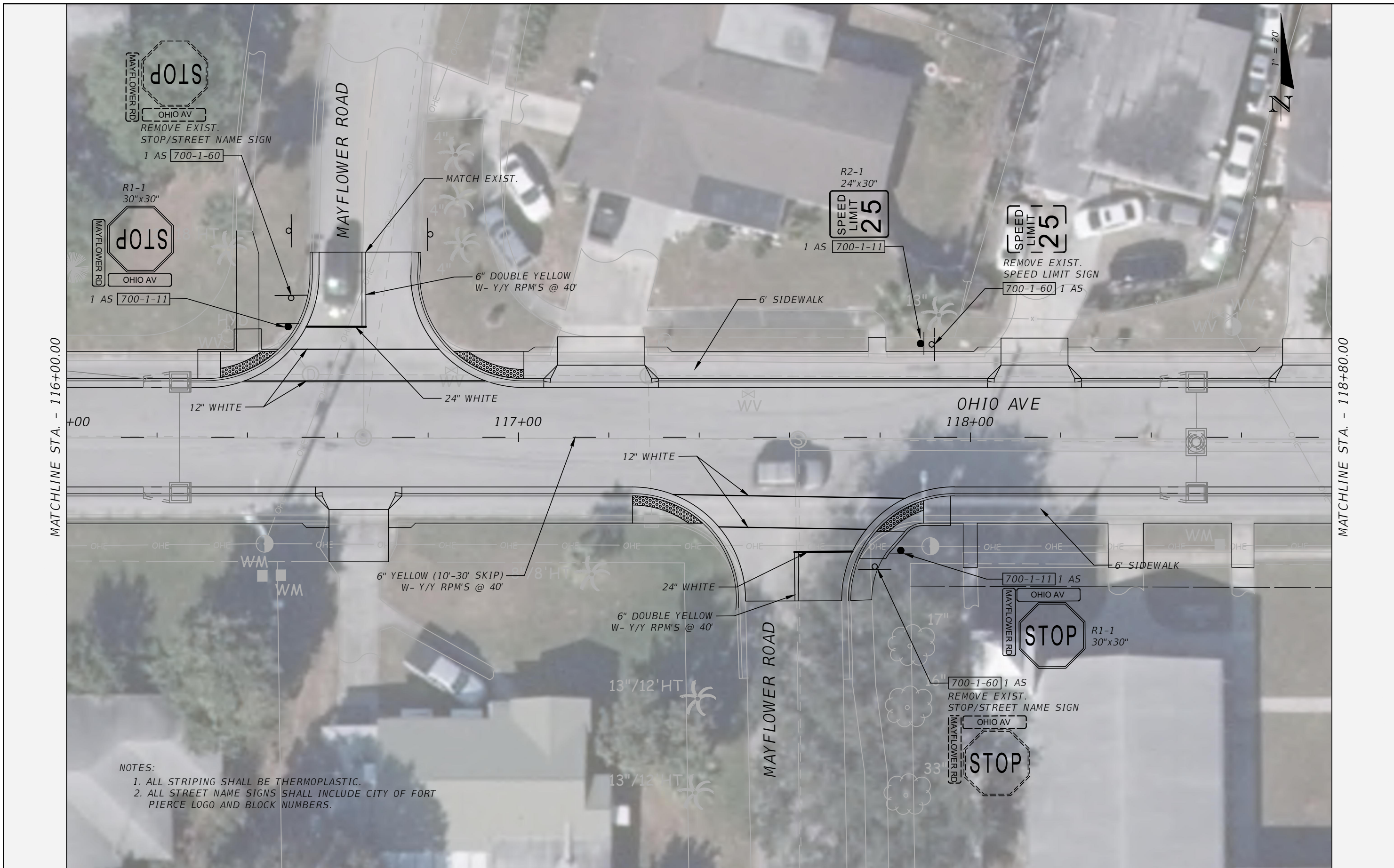
DESIGNED: AWS
 DRAWN: AWS
 Q.C.: JH
 DATE: 1/17/2023 7:03:53 AM

JASON Y. YAM
 LIC. NO.: 62449

SIGNING AND PAVEMENT MARKING PLAN (6)

PROJECT NO: 2019-027
 DATE: 1/09/2023
 SHEET NO: 50

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NOTES:
 1. ALL STRIPING SHALL BE THERMOPLASTIC.
 2. ALL STREET NAME SIGNS SHALL INCLUDE CITY OF FORT PIERCE LOGO AND BLOCK NUMBERS.

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS

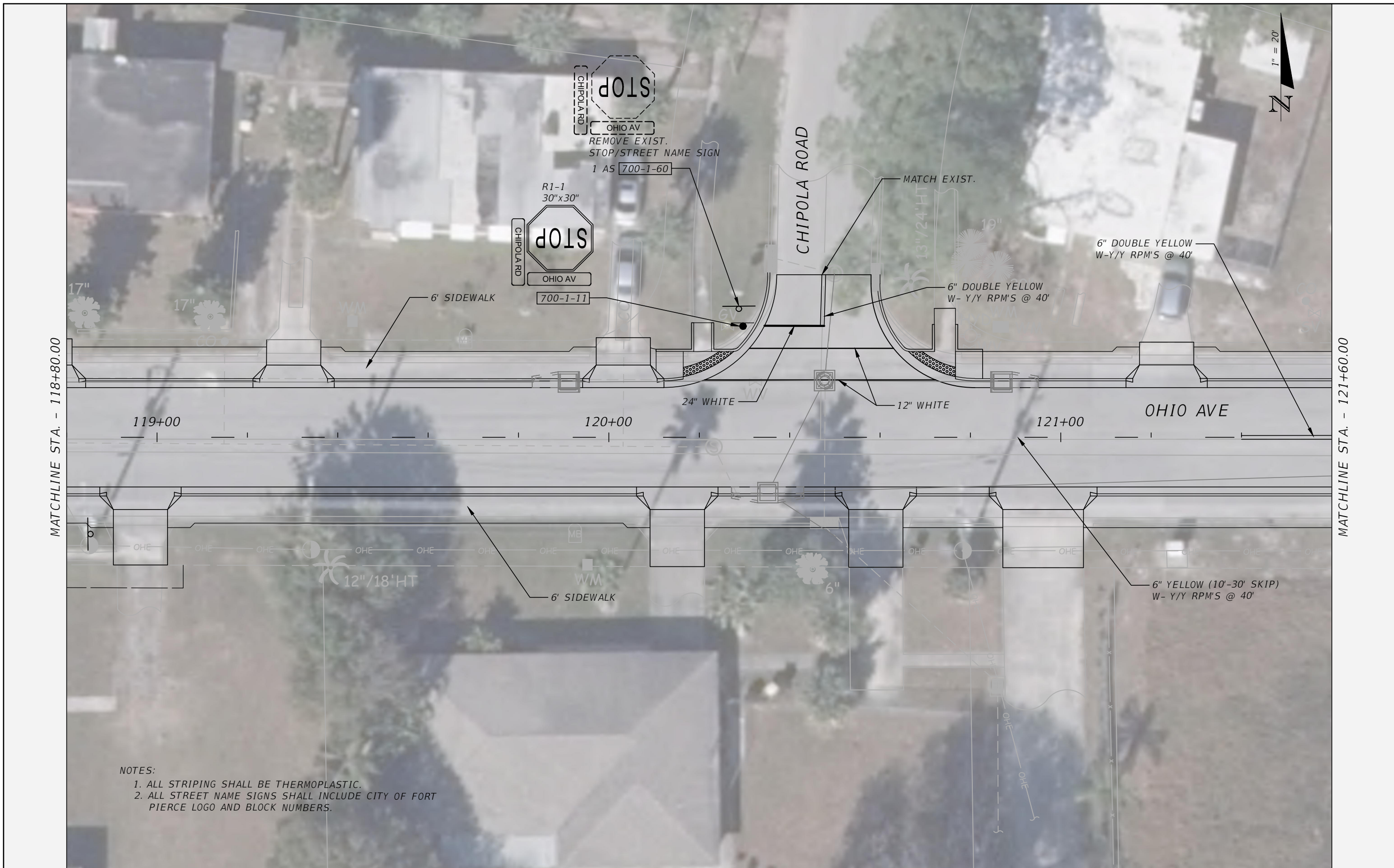


DESIGNED	AWS
DRAWN	AWS
DATE	JH
JASON Y. YAM	DATE
LIC. NO.: 62449	

SIGNING AND PAVEMENT MARKING PLAN (7)

PROJECT NO:	2019-027
DATE:	1/09/2023
SHEET NO:	51

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



NOTES:
 1. ALL STRIPING SHALL BE THERMOPLASTIC.
 2. ALL STREET NAME SIGNS SHALL INCLUDE CITY OF FORT PIERCE LOGO AND BLOCK NUMBERS.

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS

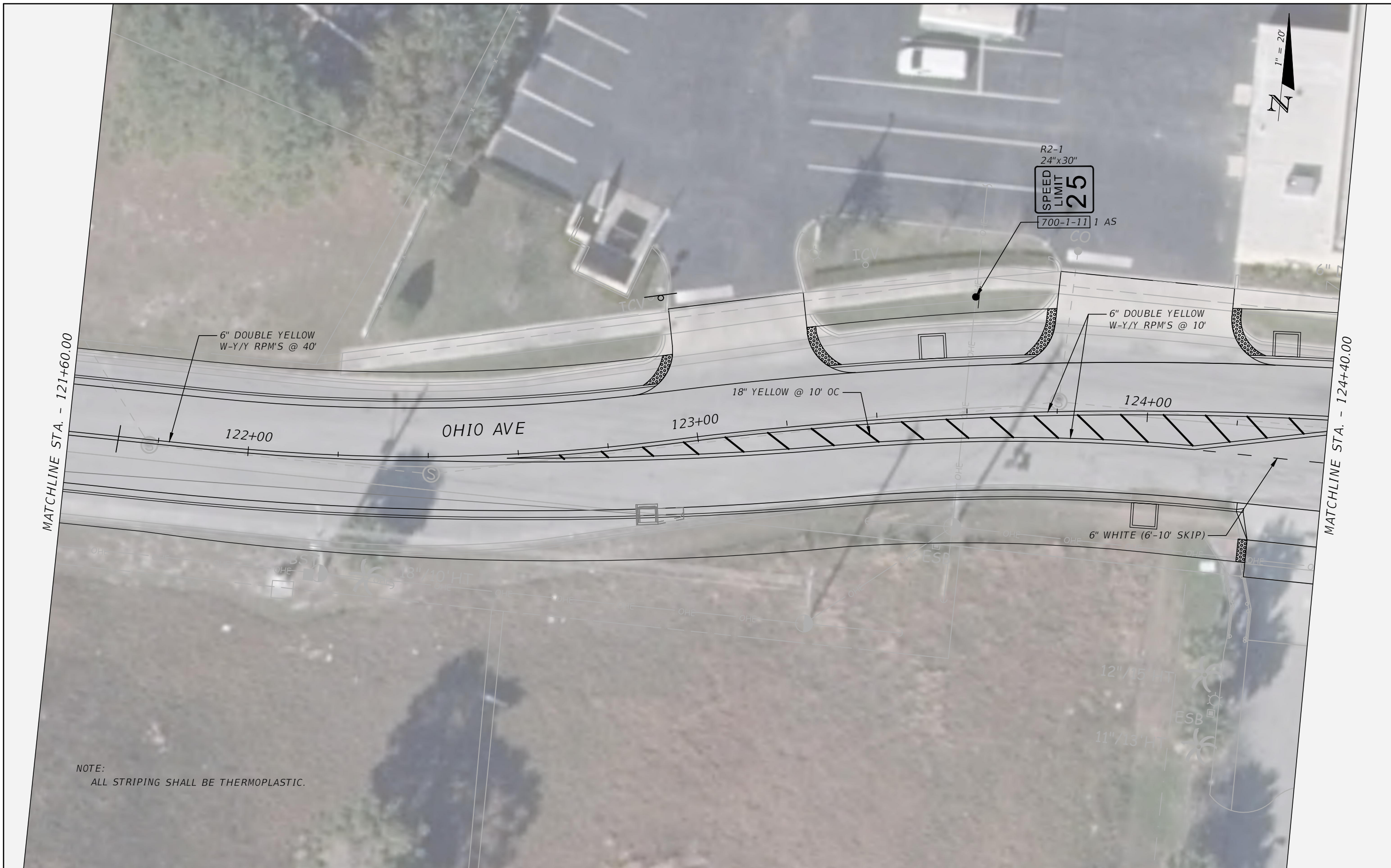


DESIGNED: AWS
 DRAWN: AWS
 Q.C.: JH
 DATE: 1/17/2023 7:04:07 AM
 JASON Y. YAM
 LIC. NO.: 62449

SIGNING AND PAVEMENT MARKING PLAN (8)

PROJECT NO:	2019-027
DATE:	1/09/2023
SHEET NO:	52

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 121+60.00

MATCHLINE STA. - 124+40.00

NOTE:
ALL STRIPING SHALL BE THERMOPLASTIC.

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



JASON Y. YAM
LIC. NO.: 62449

DESIGNED
AWS
DRAWN
AWS
O.C.
JH

SIGNING AND PAVEMENT MARKING PLAN (9)

PROJECT NO:
2019-027
DATE:
1/09/2023
SHEET NO:
53

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCHLINE STA. - 124+40.00



SPEED LIMIT 25
 REMOVE EXIST. SPEED LIMIT SIGN
 700-1-60 1 AS

OHIO AVE

END PROJECT
 STA. 126+70.84
 126+89
 US 1

NOTE:
 ALL STRIPING SHALL BE THERMOPLASTIC.

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS

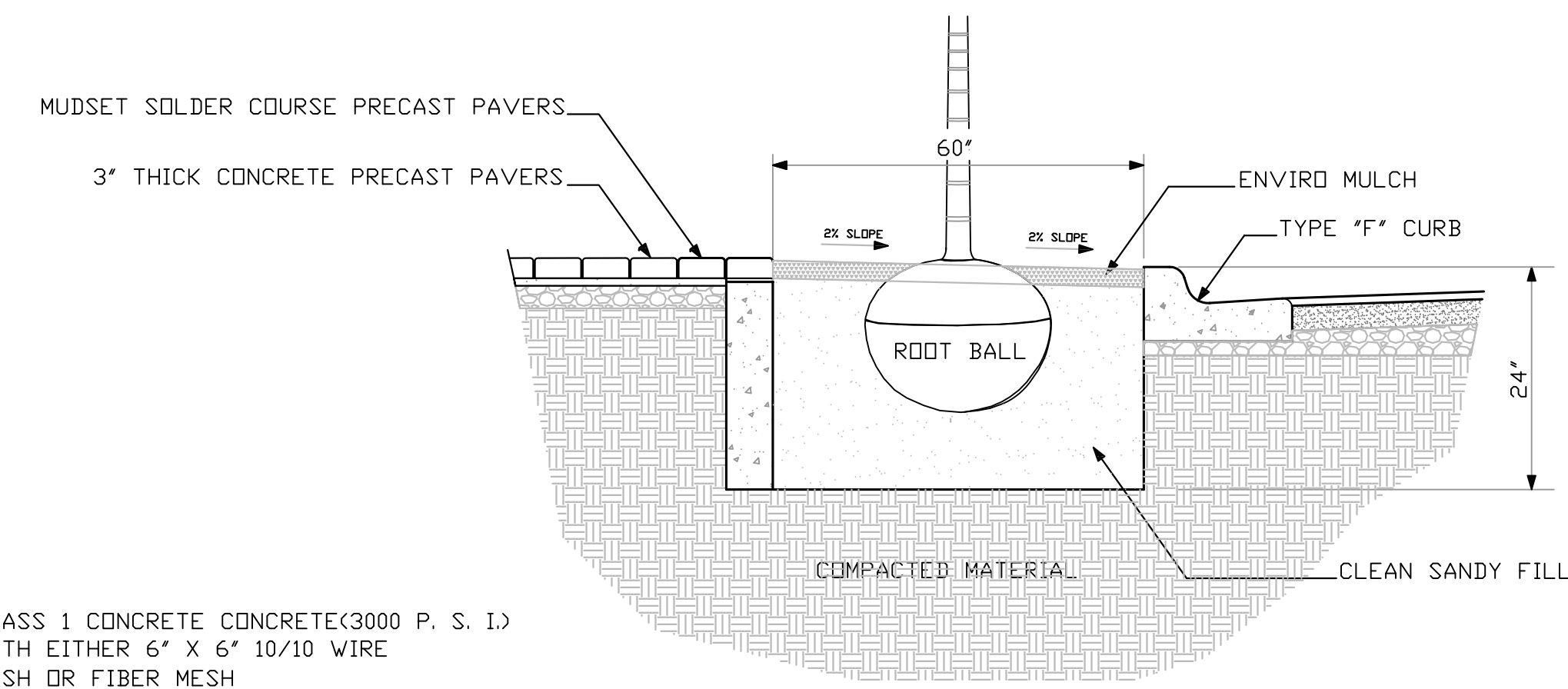
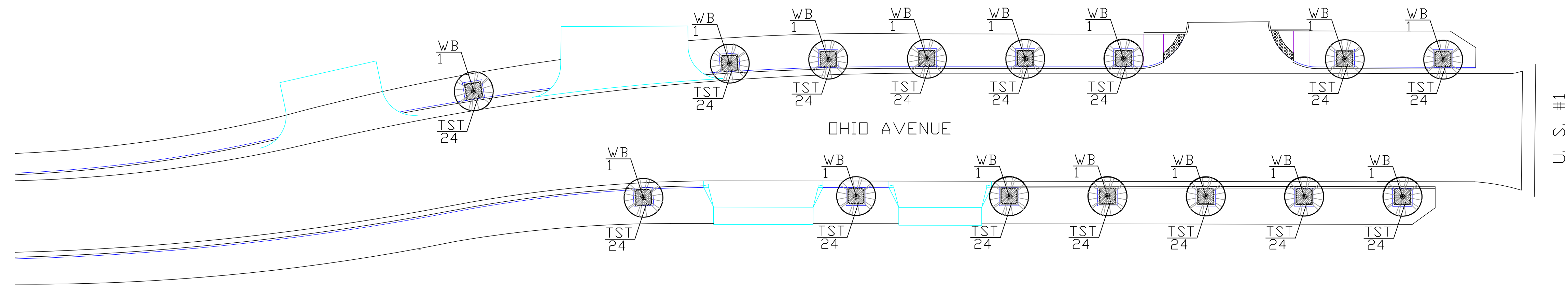


DESIGNED	AWS
DRAWN	AWS
Q.C.	JH
DATE	

SIGNING AND PAVEMENT MARKING PLAN (10)

PROJECT NO:	2019-027
DATE:	1/09/2023
SHEET NO:	54

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



5' X 5' TREE PIT DETAIL
 SCALE: 1/2" = 1'

LANDSCAPE CONTRACTOR NOTES

ALL PLANT MATERIAL SHALL BE FLORIDA #1 OR BETTER. PLANTS WILL BE INSPECTED BY THE LANDSCAPE ARCHITECT. THOSE PLANTS THAT DO NOT MEET THE SPECIFICATIONS IN SIZE OR GRADE WILL BE REJECTED.

THE LANDSCAPE CONTRACTOR SHALL HAVE A COMPETENT FOREMAN IDENTIFIED AT THE BEGINNING OF THE JOB WHO WILL BE ON THE JOB THROUGHOUT THE INSTALLATION OF PLANTING. THIS PERSON SHALL BE RESPONSIBLE FOR DIRECTING THE CREW AND ANY SUBCONTRACTORS WORKING FOR THE LANDSCAPE CONTRACTOR AND SHALL ACT AS THE LANDSCAPE CONTRACTOR'S REPRESENTATIVE TO THE OWNER AND LANDSCAPE ARCHITECT.

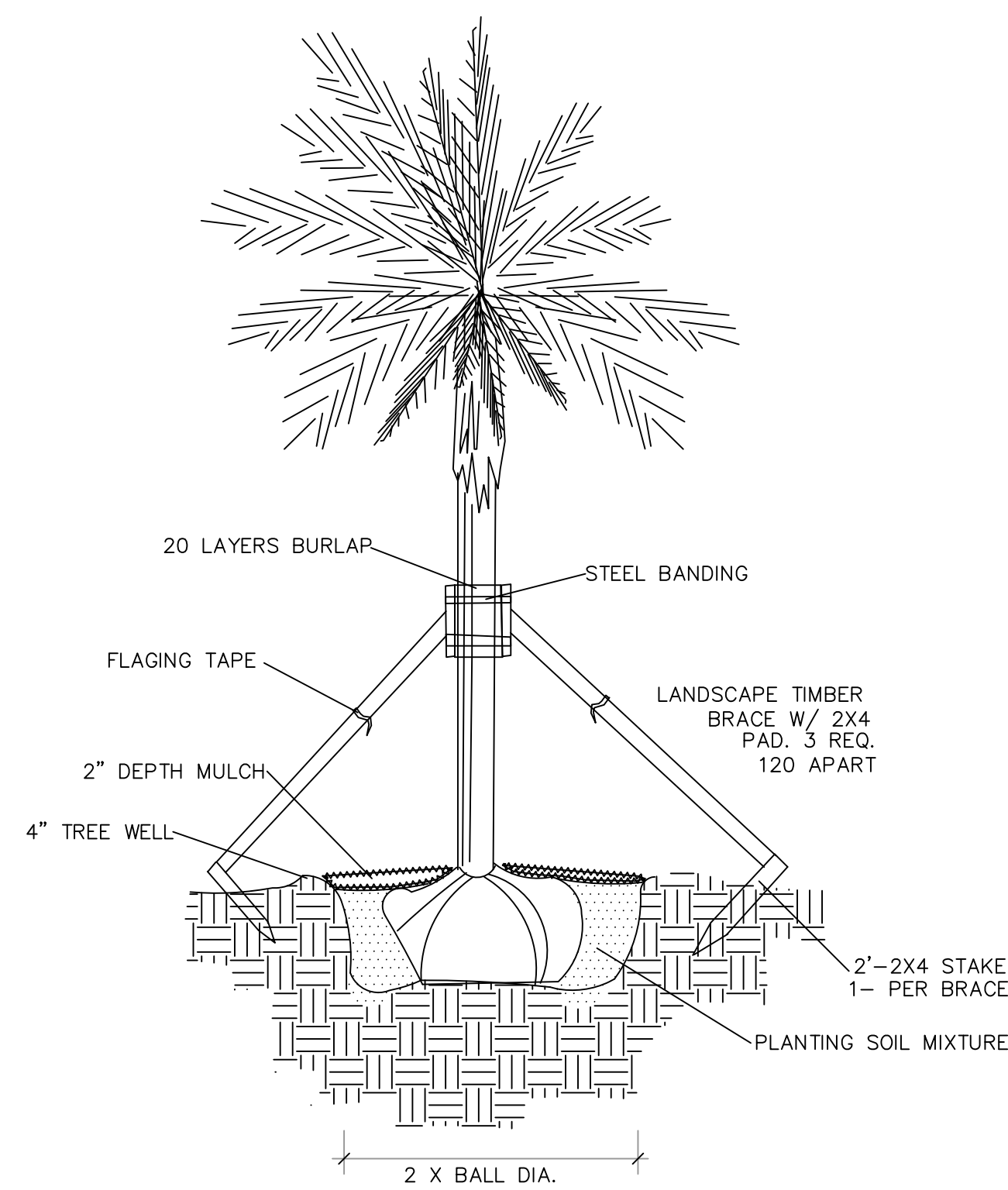
THE LANDSCAPE CONTRACTOR SHALL LAY OUT AREAS TO BE PLANTED AND ARRANGE A MEETING WITH THE LANDSCAPE ARCHITECT FOR APPROVAL BEFORE PLANTING.

THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREPARATION OF ALL AREAS TO RECEIVE PLANTS. ALL PLANTS, GRASSES AND WEEDS SHALL BE REMOVED BY HAND, ROTOTILLING OR BY SCRAPING.

WITH WATER PRIOR TO PLANTING. IF WATER DOES NOT COMPLETELY DRAIN FROM HOLE WITHIN FOUR HOURS, CONTACT THE LANDSCAPE ARCHITECT FOR APPROVAL BEFORE PLANTING. PLANT HOLES ARE TO BE BACKFILLED WITH A HOMOGENEOUS SOIL MIX CONSISTING OF 2 PARTS SANDY TOPSOIL, 2 PARTS PEAT MOSS AND 1 PART COV MANURE OR MILORGANITE. AGRIFORM 20-10-15 PLANTING TABLETS SHALL BE ADDED TO EACH PLANT HOLE ACCORDING TO THE MANUFACTURERS RECOMMENDED APPLICATION RATES. BACKFILL HALFWAY UP THE ROOTBALL, PLACE THE TABLETS BESIDE THE ROOTBALL ABOUT 1 INCH FROM THE ROOT TIPS. DO NOT PLACE TABLET(S) IN BOTTOM OF HOLE.

THE CONTRACTOR SHALL PROVIDE THE SPECIFIED MULCH. INSTALL 3" DEPTH OF SPECIFIED MULCH TO ALL AREAS INDICATED ON THE PLAN. THE MULCH SHALL BE INSTALLED AS SHOWN ON THE DETAILS TO ENSURE THAT IT IS NOT INSTALLED TOO CLOSE TO THE PLANT TRUNK OR STEM.

THE LANDSCAPE CONTRACTOR SHALL GUARANTEE THAT ALL PLANT MATERIAL SHALL BE ALIVE AND THRIVING FOR A PERIOD OF ONE YEAR FOLLOWING PLANTING. THE LANDSCAPE CONTRACTOR SHALL REPLACE DEAD OR SICK PLANTS AT NO ADDITIONAL COST TO THE OWNER.



PALM PLANTING

SCALE: NOT TO SCALE

PLANT MATERIAL LIST

TREES & PALMS				
Code Name	Quantity	Scientific Name	Common Name	Planting Size
WB	15	WODYETIA BIFURCATA	FOXTAIL PALM	14' HT.

SHRUBS & GROUNDCOVERS				
Code Name	Quantity	Scientific Name	Common Name	Planting Size
TST	312	TRADESCANTIA SPATHACEA TRICOLOR	VARIGATED DWARF RHOD	6" X 6" #1, 12" DC

OTHER MATERIALS	
MULCH	4 CU. YDS. ENVIRO MULCH

SPRAY NOZZLE CHART

LABEL	RAINBIRD RD 1800 PRS	GPM AT 30 PSI	RADIUS
4Q	SQ SERIES	0.74	4'

PLAN SYMBOLS LEGEND

- RAINBIRD RD-1812-PRS SERIES 12" POP-UP SPRAY HEAD, PROVIDE RISER WHERE REQUIRED
- ⊕ RAINBIRD 100 PESB 1", 150 PESB FOR 1-1/2", OR 200 PESB FOR 2" ELECTRIC VALVE, WITH-PPR-D, INSTALL PER THE SIZE AS SHOWN ON THE PLAN. INSTALL VALVE IN A VALVE BOX USE LAVENDER FOR VALVES USING NON-POTABLE WATER. INSTALL PER ALL MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS
- Ⓢ IRRIGATION CONTROLLER LOCATION RAINBIRD ESP ME3, PROVIDE AND INSTALL IN STAINLESS STEEL PEDESTAL AND WR2 RAIN SENSOR LOCATED WITH A CLEAR VIEW TO THE OPEN SKY WITH NO OVERHEAD OBSTRUCTION AS TO ALLOW PROPER OPERATION. INSTALL AND GROUND CONTROLLER PER ALL MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS. SEE VALVE CHART.
- 2" SCHEDULE 40 PVC WATER MAIN LINE WITH FIRMLY ATTACHED TRACKING WIRE / TAPE
- ▬ SLEEVES, ≤ 3", SCHEDULE 40, PVC, SLEEVES > 3" CLASS 200 PVC, MIN. 2 x SIZE OF THE PIPE
- CLASS 200 PVC LATERAL LINE, SIZE AS SHOWN, USE LAVENDER COLOR PIPE WHERE NON-POTABLE WATER IS UTILIZED

NOTES

1. IRRIGATION TO PROVIDE 100% HEAD TO HEAD COVERAGE
2. IRRIGATION TO BE SEPARATED INTO HYDROZONES SUCH THAT ALL SOD AND SHRUB AREAS SHALL BE IRRIGATED SEPARATELY.
3. IRRIGATION TO BE INSTALLED PER THE FLORIDA BUILDING CODE APPENDIX F, PLUMBING, PROPOSED CONSTRUCTION BUILDING CODE FOR TURF AND LANDSCAPE IRRIGATION SYSTEMS.
4. IRRIGATION TO BE INSTALLED PER ALL APPLICABLE CODES, LAWS AND ORDINANCES.
5. IRRIGATION TO BE INSTALLED IN ACCORDANCE WITH ASTM D2855.
6. USE LAVENDER VALVE BOX COVERS AND EQUIPMENT FOR NON-POTABLE WATER, TYPICAL
7. ROOTS EQUAL TO OR GREATER THAN 3/4" IN DIAMETER WITHIN THE DRP LINE / ROOT PLATE OF A TREE MUST BE PRUNED. IN THE EVENT ROOT PRUNING IS NECESSARY, IT SHOULD BE DONE UNDER THE SUPERVISION OF AN ISA CERTIFIED ARBORIST, PRUNING TO MEET OR EXCEED ANS I A300, TYPICAL.

IRRIGATION VALVE KEY

VALVE_#	
SIZE	GPM

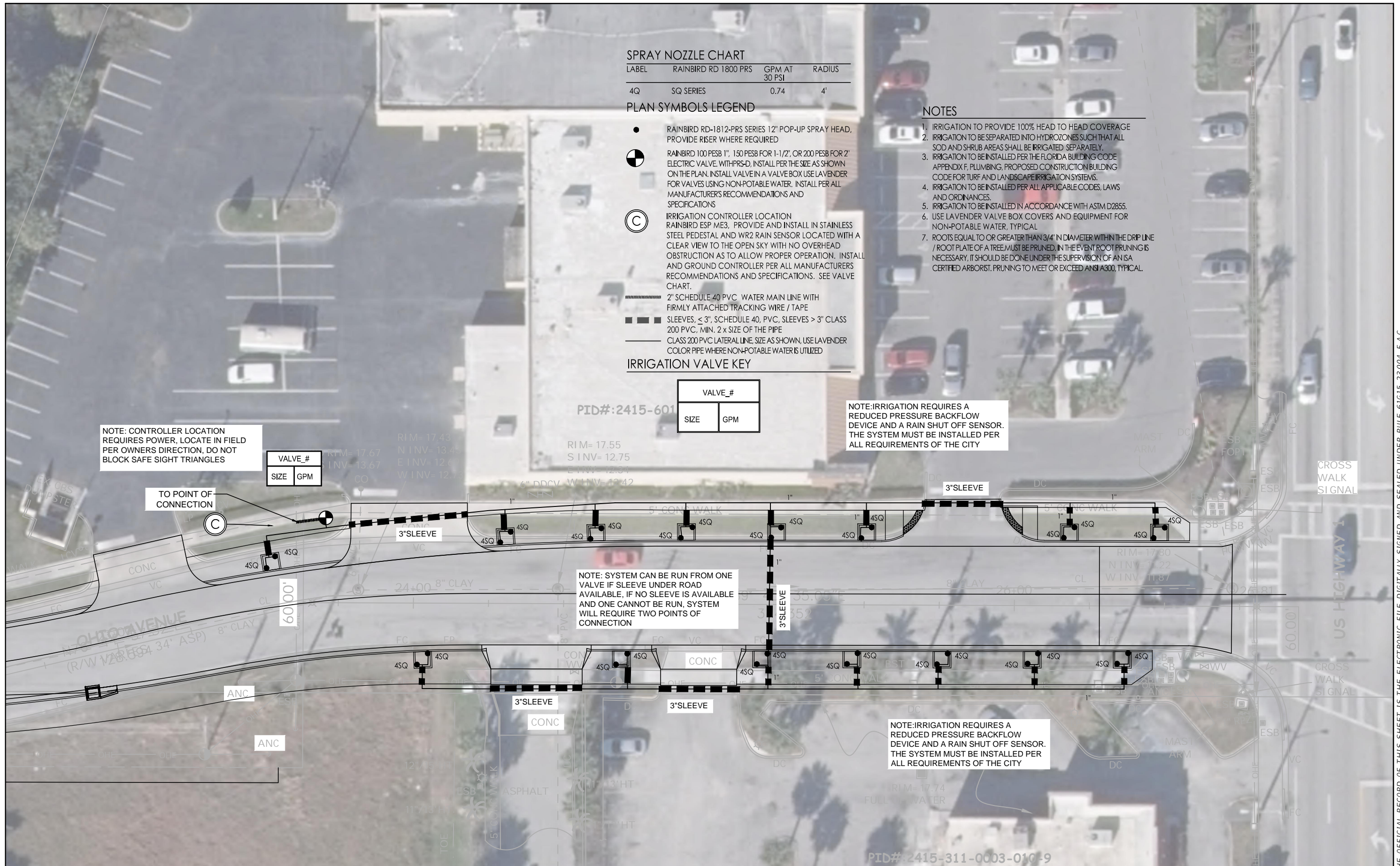
NOTE: IRRIGATION REQUIRES A REDUCED PRESSURE BACKFLOW DEVICE AND A RAIN SHUT OFF SENSOR. THE SYSTEM MUST BE INSTALLED PER ALL REQUIREMENTS OF THE CITY

NOTE: CONTROLLER LOCATION REQUIRES POWER, LOCATE IN FIELD PER OWNERS DIRECTION, DO NOT BLOCK SAFE SIGHT TRIANGLES

PID#: 2415-601

NOTE: SYSTEM CAN BE RUN FROM ONE VALVE IF SLEEVE UNDER ROAD AVAILABLE, IF NO SLEEVE IS AVAILABLE AND ONE CANNOT BE RUN, SYSTEM WILL REQUIRE TWO POINTS OF CONNECTION

NOTE: IRRIGATION REQUIRES A REDUCED PRESSURE BACKFLOW DEVICE AND A RAIN SHUT OFF SENSOR. THE SYSTEM MUST BE INSTALLED PER ALL REQUIREMENTS OF THE CITY



NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS

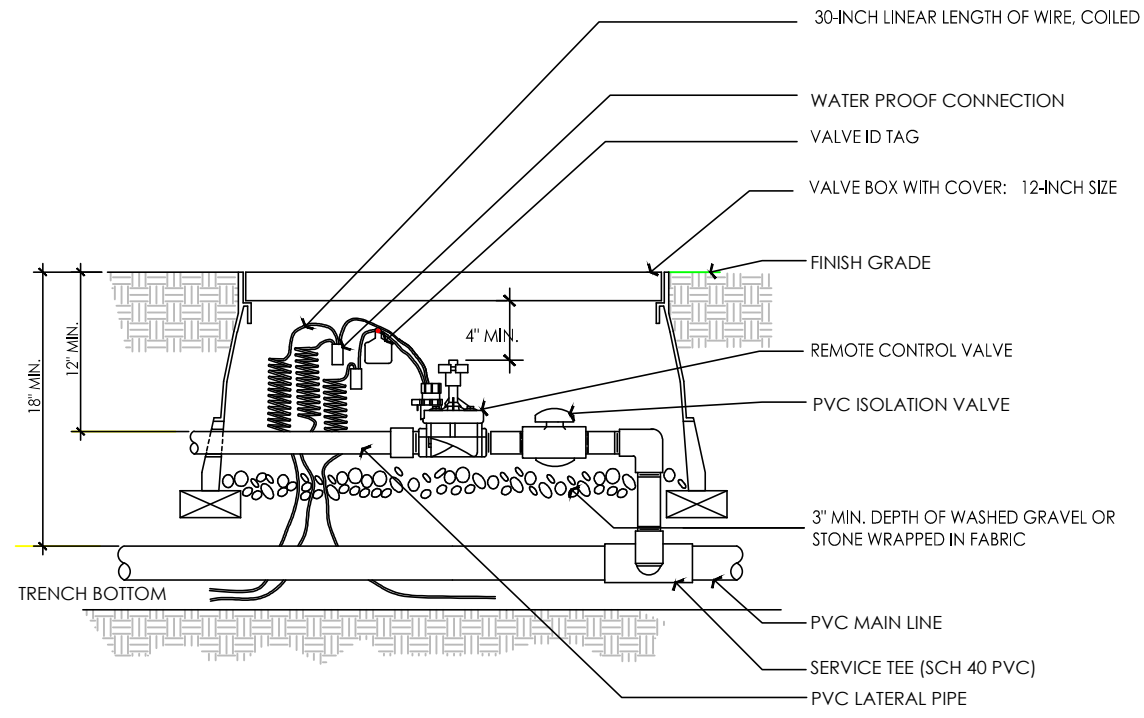


ERIC N. BUCK
LA. NO.: 6667176

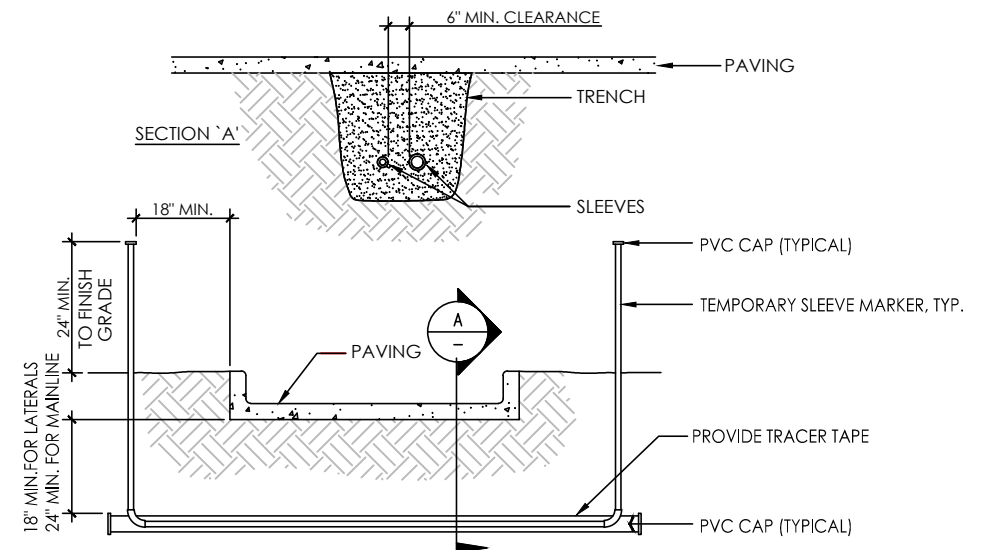
DESIGNED	AWS
DRAWN	AWS
Q.C.	JH
DATE	

IRRIGATION PLANS

PROJECT NO:	2019-027
DATE:	2/02/2023
SHEET NO:	L-2

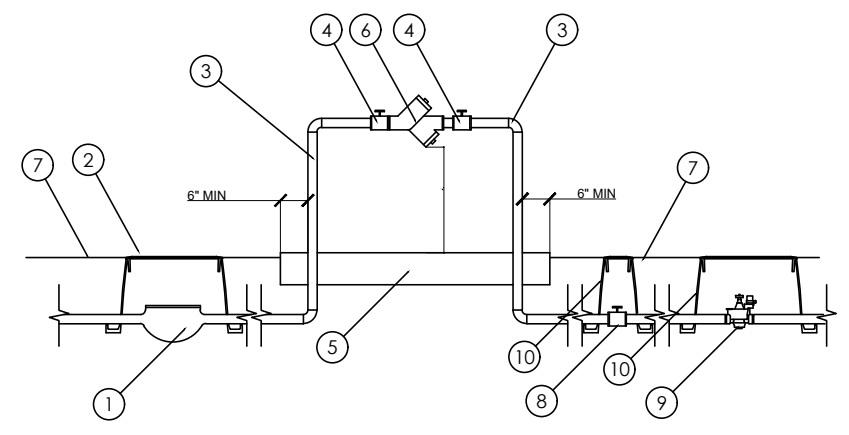


1 REMOTE CONTROL VALVE
SCALE: NTS



- NOTES:
- IRRIGATION SLEEVES SHALL BE CLASS 200 PIPE FOR 4" AND LARGER AND SCHEDULE 40 PVC FOR 3" AND SMALLER.
 - ALL JOINTS TO BE SOLVENT WELDED AND WATER TIGHT.
 - WHERE THERE IS MORE THAN ONE SLEEVE, EXTEND THE SMALLER SLEEVE TO 24-INCHES MINIMUM ABOVE FINISH GRADE AND MARK ALL SLEEVE LOCATIONS. REMOVE EXTENSION WHEN SLEEVE IS UTILIZED
 - MECHANICALLY TAMP TO 95% PROCTOR.
 - SLEEVE SHALL BE TWO (2) TIMES DIAMETER OF NOMINAL SIZE OF PIPE WITHIN SLEEVE UP TO AND INCLUDING 4". FOR PIPE 6" AND LARGER, SLEEVE SHALL BE TWO PIPE SIZES LARGER.

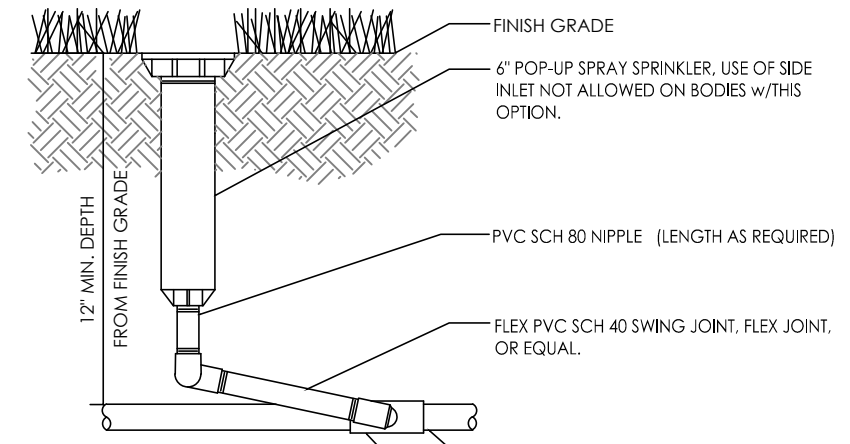
2 IRRIGATION SLEEVING DETAIL
SCALE: NTS



- NOTES:
- PLACE AND INSTALL PER ALL APPLICABLE CODES, LAWS AND ORDINANCES.
 - VERIFY BACKFLOW REQUIREMENTS WITH UTILITY, CIVIL ENGINEER AND CITY PRIOR TO CONSTRUCTION AND PROCUREMENT.
 - SEE DETAILS FROM CIVIL ENGINEER, UTILITY OR GOVERNMENT AND INSTALL AS REQUIRED.
 - INSTALL PER ALL MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS
 - COORDINATE WITH CIVIL AND ALL OTHER TRADES AS REQUIRED.

- METER PER UTILITY, SIZE AND LOCATE AS REQUIRED
- METER BOX AS REQUIRED BY CITY
- SCHEDULE 40 GALVANIZED PIPE FOR BACKFLOW ASSEMBLY. SEE UTILITY AND CITY DETAILS. VERIFY ALL MATERIALS AND ASSEMBLY REQUIREMENTS PRIOR TO CONSTRUCTION
- GATE VALVE
- 6" THICK 3000 PSI REINFORCED CONCRETE PAD FOR BACKFLOW REDUCED PRESSURE BACKFLOW, AS REQUIRED, SEE CITY AND UTILITY DETAILS AND VERIFY ALL MINIMUM CLEARANCES PRIOR TO CONSTRUCTION
- FINISH GRADE
- ISOLATION VALVE
- MASTER VALVE
- VALVE BOX AS REQUIRED

3 POINT OF CONNECTION
SCALE: NTS



- NOTE:
ALL THREADED CONNECTIONS FORM SCH. 40 PVC TO SCH. 80 PVC SHALL BE MADE USING TEFLON TAPE.

4 6" POP UP HEAD DETAIL
SCALE: NTS

NO.	DESCRIPTION	BY	DATE

OHIO AVENUE ROADWAY IMPROVEMENTS



DESIGNED	AWS
DRAWN	AWS
Q.C.	JH
DATE	

IRRIGATION DETAIL

PROJECT NO:	2019-027
DATE:	1/20/2023
SHEET NO:	L-3

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.