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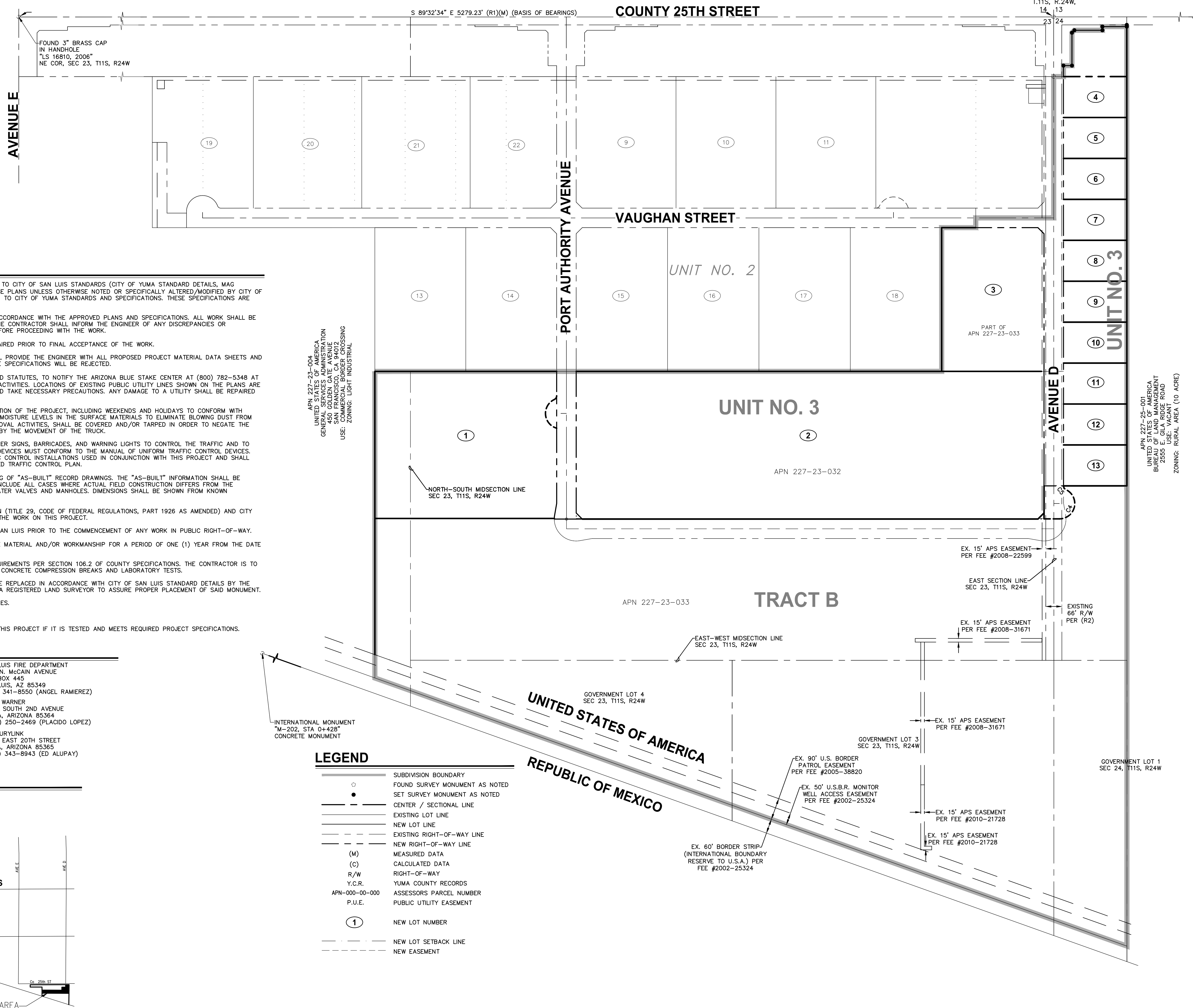
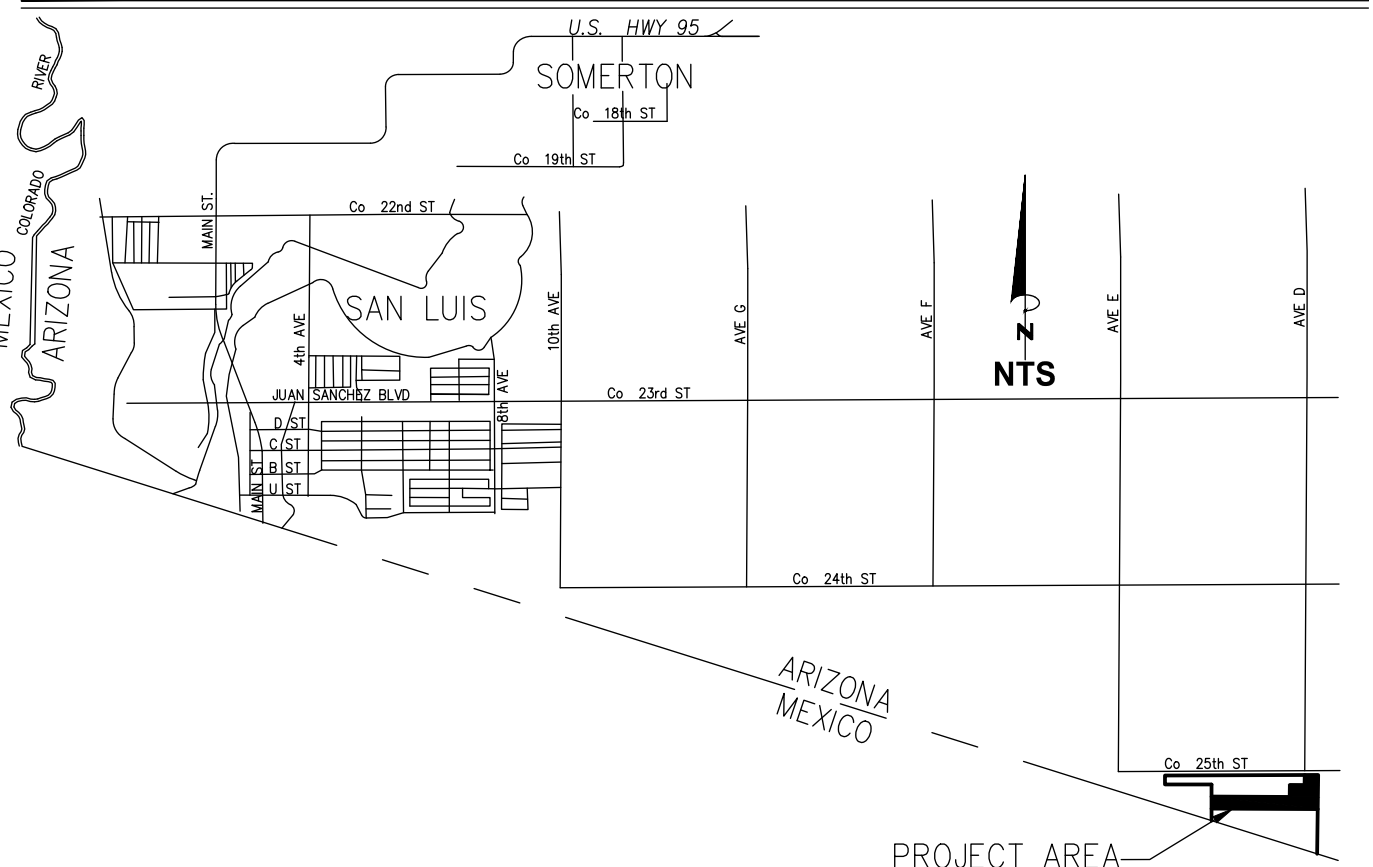
GENERAL NOTES

1. ROADWAY CONSTRUCTION AND OTHER CONSTRUCTION AS SHOWN WILL CONFORM TO CITY OF SAN LUIS STANDARDS (CITY OF YUMA STANDARD DETAILS, MAG SPECIFICATIONS AND CITY OF SAN LUIS SUPPLEMENT) OR AS MODIFIED ON THESE PLANS UNLESS OTHERWISE NOTED OR SPECIFICALLY ALTERED/MODIFIED BY CITY OF SAN LUIS ORDINANCE. ALL UNDERGROUND UTILITY CONSTRUCTION WILL CONFORM TO CITY OF YUMA STANDARDS AND SPECIFICATIONS. THESE SPECIFICATIONS ARE INCLUDED HERE BY REFERENCE.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT THE WORK IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. ALL WORK SHALL BE COMPLETED IN A THOROUGH MANNER, FREE OF ANY WORKMANSHIP DEFECTS. THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING CHANGE TO THE PLANS AND REQUEST INSTRUCTIONS BEFORE PROCEEDING WITH THE WORK.
3. ANY DEFECTIVE MATERIAL OR WORKMANSHIP SHALL BE REPLACED AND/OR REPAIRED PRIOR TO FINAL ACCEPTANCE OF THE WORK.
4. PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH ALL PROPOSED PROJECT MATERIAL DATA SHEETS AND ANY SHOP DRAWINGS. ANY MATERIAL SUPPLIED NOT IN CONFORMANCE WITH THE SPECIFICATIONS WILL BE REJECTED.
5. THE CONTRACTOR WILL BE RESPONSIBLE, IN ACCORDANCE WITH ARIZONA REVISED STATUTES, TO NOTIFY THE ARIZONA BLUE STAKE CENTER AT (800) 782-5348 AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE OF COMMENCING CONSTRUCTION ACTIVITIES. LOCATIONS OF EXISTING PUBLIC UTILITY LINES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR MUST VERIFY THE LOCATIONS IN THE FIELD AND TAKE NECESSARY PRECAUTIONS. ANY DAMAGE TO A UTILITY SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
6. THE CONTRACTOR SHALL MAINTAIN DUST ABATEMENT ACTIVITIES FOR THE DURATION OF THE PROJECT, INCLUDING WEEKENDS AND HOLIDAYS TO CONFORM WITH APPLICABLE ADEQ REGULATIONS. THE CONTRACTOR SHALL MAINTAIN ADEQUATE MOISTURE LEVELS IN THE SURFACE MATERIALS TO ELIMINATE BLOWING DUST FROM THESE MATERIALS. ALL HAUL TRUCKS, WHETHER INVOLVED IN DELIVERY OR REMOVAL ACTIVITIES, SHALL BE COVERED AND/OR TARPED IN ORDER TO NEGATE THE REMOVAL OF MATERIAL FROM TRUCKS BY WINDS, EITHER NATURAL OR CAUSED BY THE MOVEMENT OF THE TRUCK.
7. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING PROPER SIGNS, BARRICADES, AND WARNING LIGHTS TO CONTROL THE TRAFFIC AND TO ASSURE THE PUBLIC'S HEALTH, WELFARE, AND SAFETY. ALL TRAFFIC CONTROL DEVICES MUST CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSPECTION OF ALL TRAFFIC CONTROL INSTALLATIONS USED IN CONJUNCTION WITH THIS PROJECT AND SHALL INSPECT, AT LEAST TWICE DAILY, TO ENSURE CONFORMANCE WITH THE APPROVED TRAFFIC CONTROL PLAN.
8. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PREPARATION AND FURNISHING OF "AS-BUILT" RECORD DRAWINGS. THE "AS-BUILT" INFORMATION SHALL BE RECORDED ON THE PLANS IN RED COLORED PENCIL. THIS INFORMATION SHALL INCLUDE ALL CASES WHERE ACTUAL FIELD CONSTRUCTION DIFFERS FROM THE DESIGNED INFORMATION, ALL CONCEALED WORK, ALL UTILITY LOCATIONS, ALL WATER VALVES AND MANHOLES. DIMENSIONS SHALL BE SHOWN FROM KNOWN REFERENCE POINTS.
9. OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) STANDARD FOR CONSTRUCTION (TITLE 29, CODE OF FEDERAL REGULATIONS, PART 1926 AS AMENDED) AND CITY OF SAN LUIS SAFETY REGULATIONS ARE APPLICABLE FOR THE COMPLETION OF THE WORK ON THIS PROJECT.
10. THE CONTRACTOR SHALL OBTAIN ENCROACHMENT PERMITS FROM THE CITY OF SAN LUIS PRIOR TO THE COMMENCEMENT OF ANY WORK IN PUBLIC RIGHT-OF-WAY.
11. THE CONTRACTOR SHALL GUARANTEE THE WORK COMPLETED AGAINST DEFECTIVE MATERIAL AND/OR WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE GRANTED BY YUMA COUNTY.
12. GYPA WILL BE CONTRACTING WITH AN INDEPENDENT TESTING LABORATORY. REQUIREMENTS PER SECTION 106.2 OF COUNTY SPECIFICATIONS. THE CONTRACTOR IS TO PROVIDE THE CITY OF SAN LUIS WITH ALL CERTIFIED COPIES OF FIELD DENSITY, CONCRETE COMPRESSION BREAKS AND LABORATORY TESTS.
13. ANY SURVEY MONUMENT DISTURBED DURING CONSTRUCTION ACTIVITIES SHALL BE REPLACED IN ACCORDANCE WITH CITY OF SAN LUIS STANDARD DETAILS BY THE CONTRACTOR AT NO EXTRA COST TO THE OWNER. CONTRACTOR SHALL UTILIZE A REGISTERED LAND SURVEYOR TO ASSURE PROPER PLACEMENT OF SAID MONUMENT.
14. AZPDES PERMIT SHALL BE OBTAINED PRIOR TO THE START OF GRADING ACTIVITIES.
15. GRADING SPOILS TO BE SPREAD ON ADJACENT LOTS.
16. STOCKPILED EXISTING ABC FOUND IN THIS PROJECT MAY ONLY BE REUSED ON THIS PROJECT IF IT IS TESTED AND MEETS REQUIRED PROJECT SPECIFICATIONS.

UTILITY COMPANIES

<p>WATER - CITY OF SAN LUIS 1090 E. UNION STREET P.O. BOX 3750 SAN LUIS, AZ 85349 (928) 341-8577 (ANTONIO SANDOVAL)</p>	<p>FIRE PROTECTION - SAN LUIS FIRE DEPARTMENT 1165 N. MCCAIN AVENUE P.O. BOX 445 SAN LUIS, AZ 85349 (928) 341-8550 (ANGEL RAMIREZ)</p>
<p>SEWER - CITY OF SAN LUIS 1090 E. UNION STREET P.O. BOX 3750 SAN LUIS, AZ 85349 (928) 341-8577 (GILBERTO TORRES)</p>	<p>CABLE TELEVISION - TIME WARNER 1289 SOUTH 2ND AVENUE YUMA, ARIZONA 85364 (760) 250-2469 (PLACIDO LOPEZ)</p>
<p>ELECTRIC - APS COMPANY MAIL STATION 4853 6700 E. 30TH STREET YUMA, ARIZONA 85364 (928) 336-9838 (ANNE CAMACHO)</p>	<p>TELEPHONE - CENTURYLINK 1850 EAST 20TH STREET YUMA, ARIZONA 85365 (928) 343-8943 (ED ALUPAY)</p>

VICINITY MAP



LEGEND

- SUBDIVISION BOUNDARY
- FOUND SURVEY MONUMENT AS NOTED
- SET SURVEY MONUMENT AS NOTED
- CENTER / SECTIONAL LINE
- EXISTING LOT LINE
- NEW LOT LINE
- EXISTING RIGHT-OF-WAY LINE
- NEW RIGHT-OF-WAY LINE
- (M) MEASURED DATA
- (C) CALCULATED DATA
- R/W RIGHT-OF-WAY
- Y.C.R. YUMA COUNTY RECORDS
- APN-000-00-000 ASSESSORS PARCEL NUMBER
- P.U.E. PUBLIC UTILITY EASEMENT
- ① NEW LOT NUMBER
- NEW LOT SETBACK LINE
- NEW EASEMENT

DRAWING RECORD:

No.	DATE

CORE ENGINEERING GROUP, PLLC
 200 East 16th Street, Suite 150
 Yuma, AZ 85364
 V - 928-344-5931 F - 928-344-5932
 www.CoreEngineeringGroup.com
 Core@core-e-g.com

MAGRINO INDUSTRIAL PARK
UNIT NO. 3
 CITY OF SAN LUIS
 YUMA COUNTY, ARIZONA
 COVER SHEET

APN 227-25-001
 UNITED STATES OF AMERICA
 BUREAU OF LAND MANAGEMENT
 2565 E. GILA RIDGE ROAD
 YUMA, AZ 85364
 USE: VACANT
 ZONING: RURAL AREA (10 ACRE)

APN 227-23-033
 UNITED STATES OF AMERICA
 BUREAU OF LAND MANAGEMENT
 2565 E. GILA RIDGE ROAD
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 USE: VACANT
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APN 227-23-032
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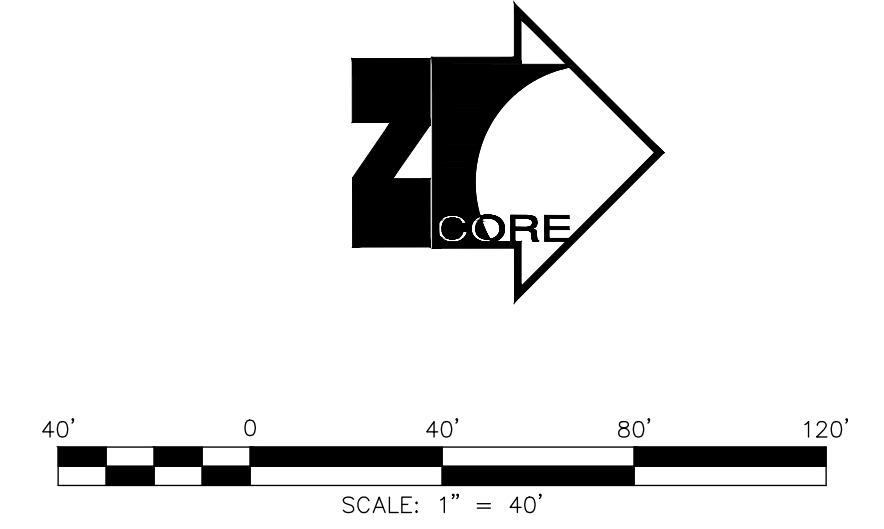
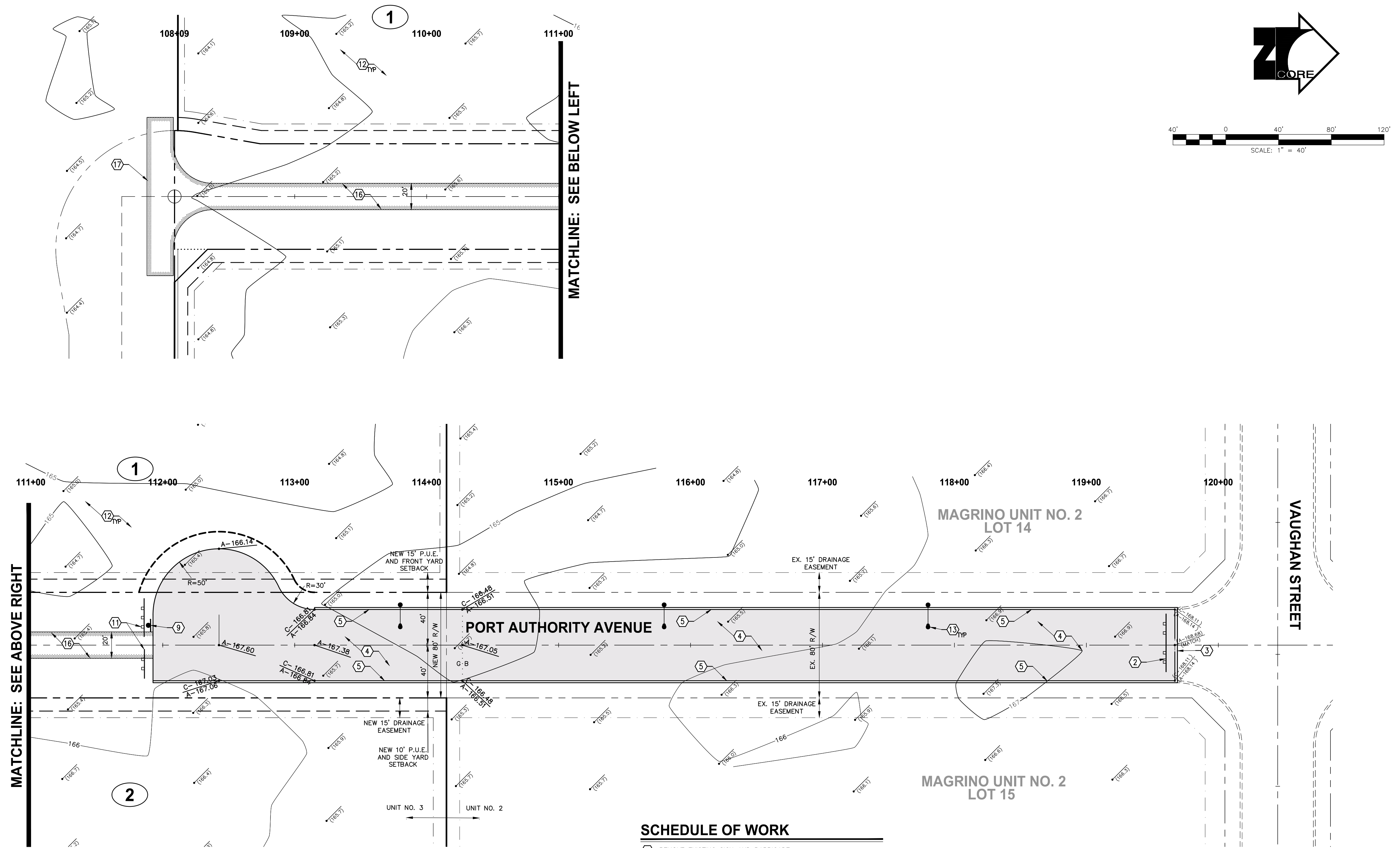
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 BUREAU OF LAND MANAGEMENT
 2565 E. GILA RIDGE ROAD
 YUMA, AZ 85364
 USE: VACANT
 ZONING: RURAL AREA (10 ACRE)

APN 227-23-033
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 BUREAU OF LAND MANAGEMENT
 2565 E. GILA RIDGE ROAD
 YUMA, AZ 85364
 USE: VACANT
 ZONING: RURAL AREA (10

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SCHEDULE OF WORK

2	REMOVE EXISTING SIGN AND BARRICADE	
3	SAWCUT AND MATCH EXISTING	
4	INDUSTRIAL STREET SECTION	-SEE DETAIL A/6
5	PAVEMENT BORDER CURB	-SEE DETAIL C/6
7	STREET NAME SIGN WITH 30"X30" R1-1 "STOP" SIGN.	-SEE DETAIL D/6
8	30" X 30" R1-1 "STOP" SIGN	-SEE DETAIL D/6
9	30" X 30" R5-1 "DO NOT ENTER" SIGN	-SEE DETAIL D/6 (SIM)
10	24" SOLID WHITE THERMOPLASTIC STRIPE	
11	TYPE III BARRICADE	-SEE DETAILS A/7
12	ON-SITE LOT GRADING AND RETENTION BY FUTURE LOT DEVELOPER	-SEE DETAIL B/7
13	STREET LIGHT	-BY APS
14	REMOVE EXISTING PAVEMENT	
16	20' WIDE ABC ACCESS ROAD	-SEE DETAIL E&F/6
17	HAMMERHEAD TURN AROUND	-COY STD NO. 3-210

UTILITY DISCLAIMER

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CORE

**MAGRINO INDUSTRIAL PARK
UNIT NO. 3
CITY OF SAN LUIS
YUMA COUNTY, ARIZONA
ROADWAY PLAN**

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Professional Engineer
CERTIFICATE NO. 32329
DOUGLAS J. NICHOLLS
Date Signed: 02/18/20
Arizona, U.S.A.

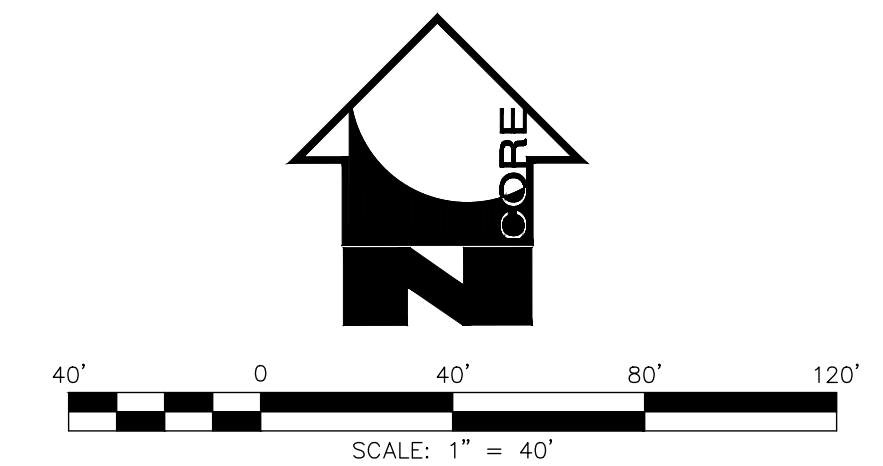
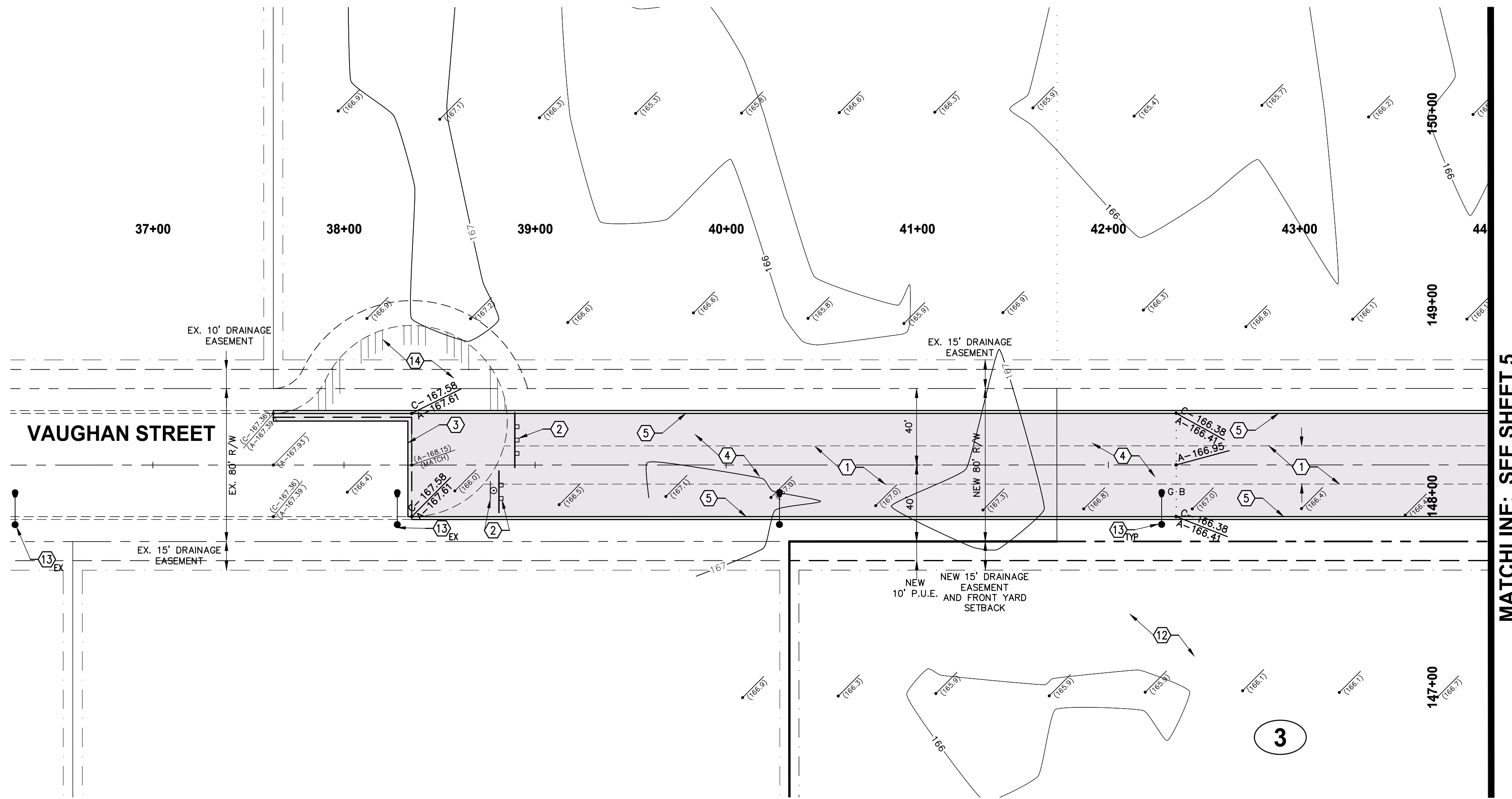
Call at least two full working days before you begin excavation.
ARIZONA 811
Arizona Blue Stake, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
In Maricopa County: (602) 263-1100

Date: DEC. 2019
Designed: K.L.B.
Drawn: J.M.G.
Checked: D.J.N.
Proj. No.: 19-096

2

SHEET

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LEGEND

	FOUND SURVEY MONUMENT AS NOTED
	CENTER / SECTIONAL LINE
	EXISTING EASEMENT (AS NOTED)
	EXISTING LOT LINE
	EXISTING RIGHT-OF-WAY LINE
	EXISTING SUBDIVISION BOUNDARY
	EXISTING GROUND LINE
	EXISTING WATER LINE
	EXISTING SEWER LINE
	EXISTING OVERHEAD ELECTRIC
	EXISTING OVERHEAD TELEPHONE
	EXISTING UNDERGROUND ELECTRIC LINE
	EXISTING UNDERGROUND TELEPHONE LINE
	EXISTING GAS LINE
	NEW BORDER CURB
	EXISTING ASPHALT
	EXISTING CONCRETE
	EXISTING ABC CANAL ROAD
	NEW ASPHALT
	NEW ABC PAVEMENT FOR ACCESS ROAD
	EXISTING CHAIN LINK FENCE
	EXISTING BARBED WIRE FENCE
	EXISTING POWER POLE
	EXISTING GUY WIRE ANCHOR
	EXISTING WATER METER
	EXISTING BLOW OFF
	EXISTING SEWER MANHOLE
	EXISTING ELECTRICAL TRANSFORMER
	EXISTING TELEPHONE PEDESTAL
	EXISTING ELECTRICAL JUNCTION BOX
	EXISTING SIGN
	NEW SIGN
	NEW STREET NAME AND STOP SIGN
	NEW LIGHT POLE
	NEW BARRICADE
	EXISTING BARRICADE
	EXISTING FIRE HYDRANT
	EXISTING VALVE
	EXISTING GAS METER
	EXISTING SLOPE
	NEW SLOPE
	RIGHT-OF-WAY
	FINISHED FLOOR ELEVATION
	EXISTING GROUND ELEVATION
	EXISTING CURB ELEVATION
	EXISTING GUTTER ELEVATION
	EXISTING CONCRETE ELEVATION
	EXISTING SIDEWALK ELEVATION
	EXISTING ASPHALT ELEVATION
	EXISTING GRATE ELEVATION
	EXISTING INVERT ELEVATION
	NEW CURB ELEVATION
	NEW GUTTER ELEVATION
	NEW ASPHALT ELEVATION
	NEW FLOW WAY ELEVATION
	NEW GRADE BREAK
	NEW LOT NUMBER
	MEASURED DATA
	RECORDED DATA PER BOOK 23 OF PLATS PAGES 57&58, Y.C.R.
	RECORDED DATA PER COUNTY ROAD MAP #3856
	CALCULATED DATA

SCHEDULE OF WORK

- 1 REMOVE EXISTING ABC AND STOCKPILE FOR REUSE (GEN. NOTE 16, SHT 1)
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- 12 ON-SITE LOT GRADING AND RETENTION BY FUTURE LOT DEVELOPER -SEE DETAIL B/7
- 13 STREET LIGHT -BY APS
- 14 REMOVE EXISTING PAVEMENT
- 15 PROVIDE COLD JOINT FOR FUTURE REMOVAL

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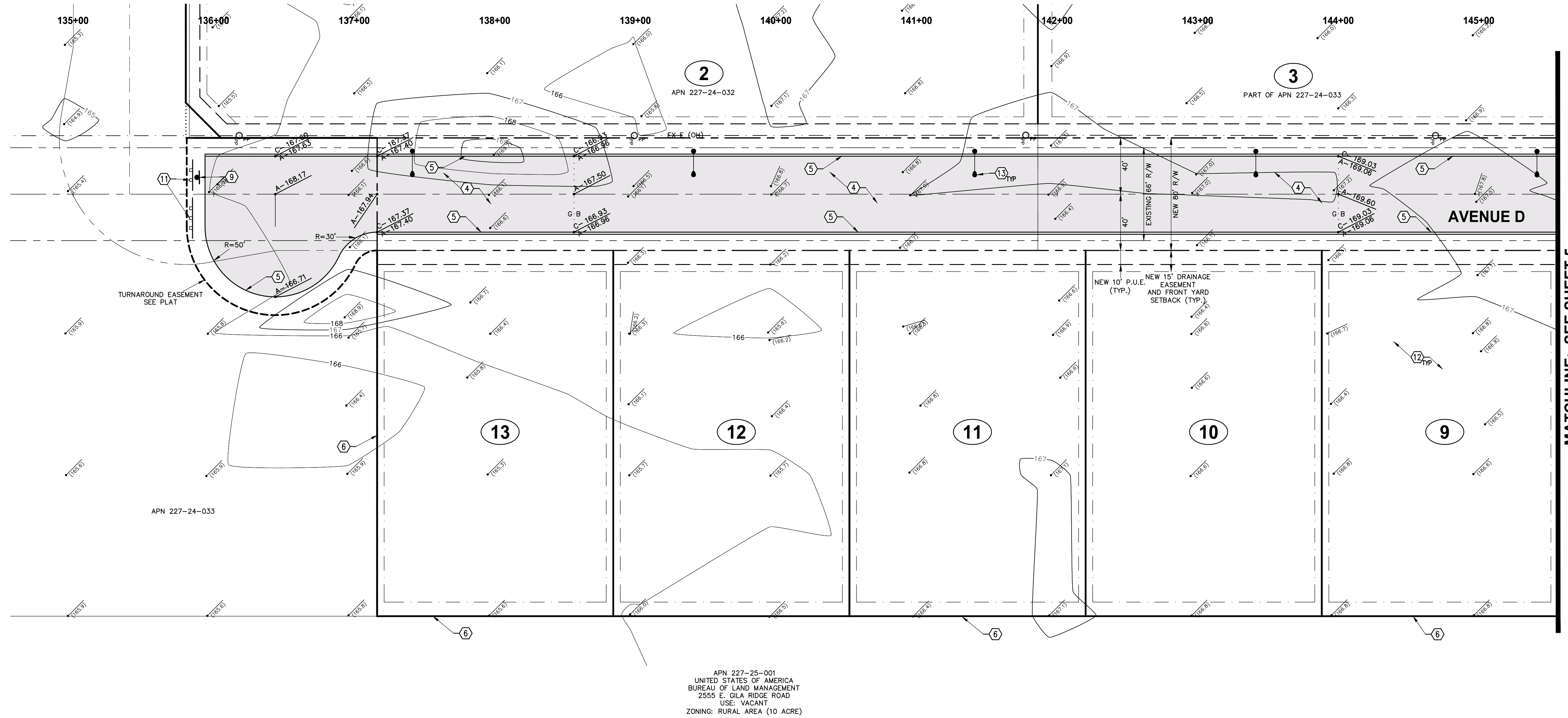
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DOUGLAS J. NICHOLLS
Arizona, U.S.A.

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Designed: K.L.B.
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Checked: D.J.N.
Proj. No.: 19-096

3

SHEET

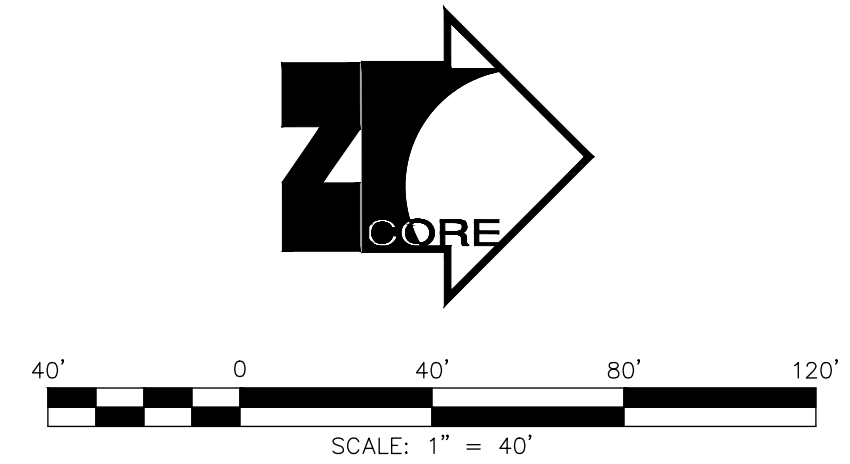
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APN 227-25-001
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- ⑭ REMOVE EXISTING PAVEMENT



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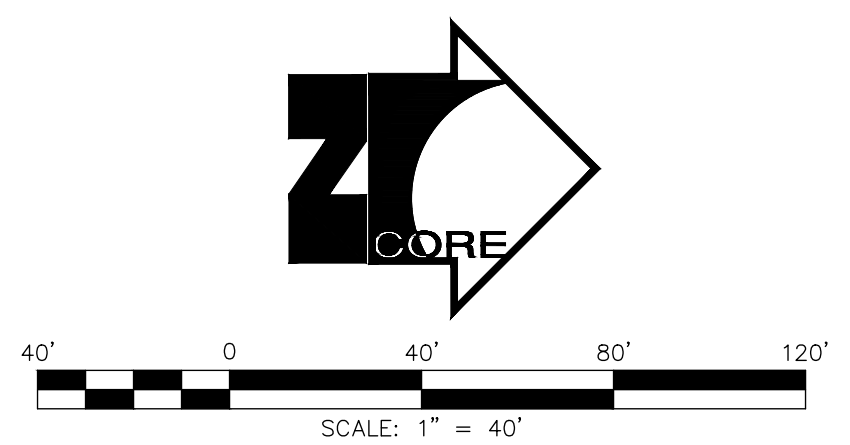
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4

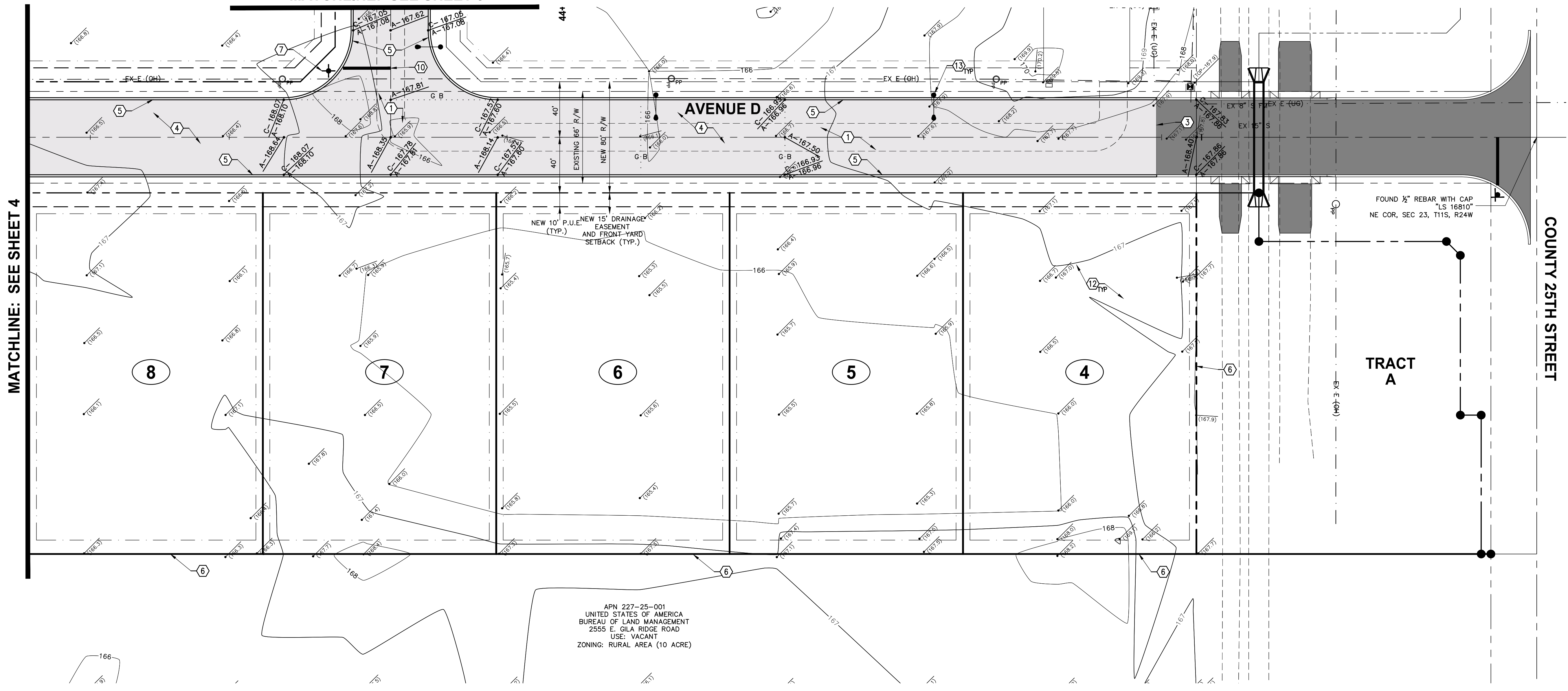
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WORK PERMITTED WITH UNIT NO. 2 BUT NOT CONSTRUCTED - SEE PREVIOUS DESIGN



MATCHLINE: SEE SHEET 3



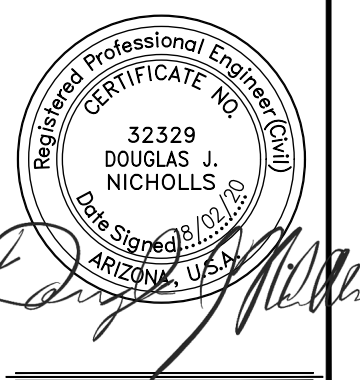
MATCHLINE: SEE SHEET 4

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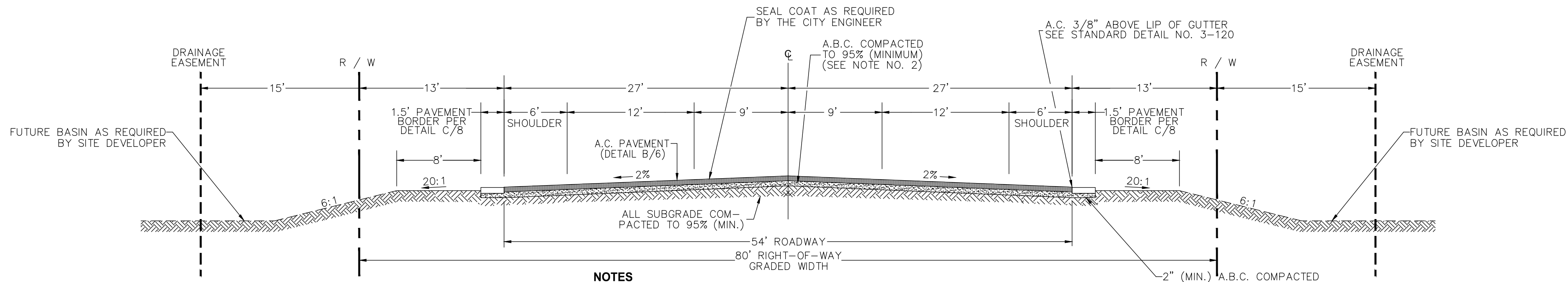


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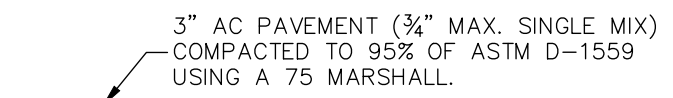


INDUSTRIAL STREET SECTION

YUMA COUNTY CONSTRUCTION STANDARD DETAIL DRAWINGS STD. NO. 2-070 (MODIFIED, NTS)

- NOTES**
1. SEE STANDARD DETAIL 3-060 FOR GRADING BEHIND CURB.
 2. EXTEND AGGREGATE BASE COURSE BENEATH CURB.

A
6



- NOTES**
1. ASPHALT SHALL MEET CURRENT YUMA COUNTY STANDARD SPEC. 321 FOR 3/4 INCH MAXIMUM SINGLE COARSE.
 2. AGGREGATE BASE SHALL YUMA COUNTY SPECIFICATION SECTION 310.

PAVEMENT STRUCTURAL SECTION

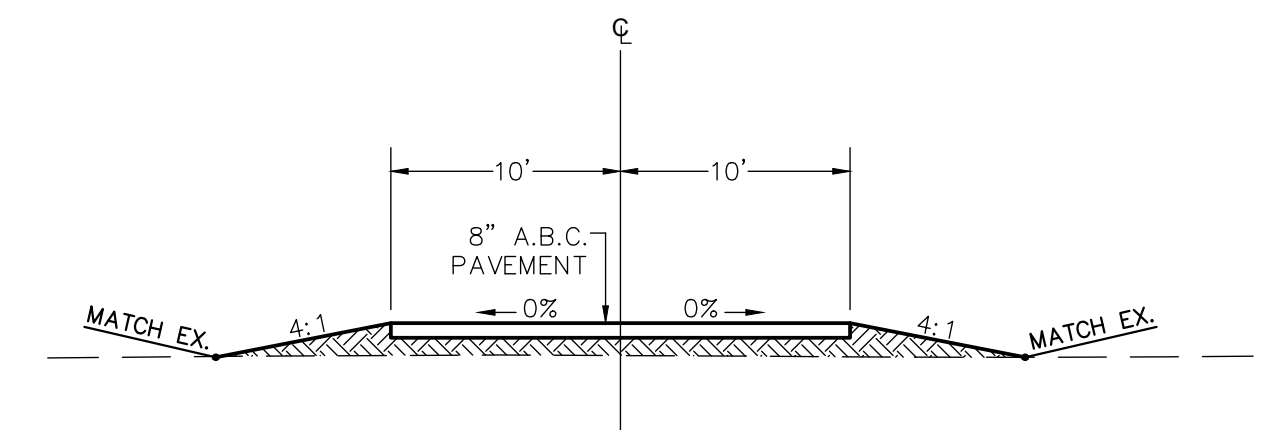
B
6



- NOTES**
1. ASPHALT SHALL MEET CURRENT YUMA COUNTY STANDARD SPEC. 321 FOR 3/4 INCH MAXIMUM SINGLE COARSE.
 2. AGGREGATE BASE SHALL YUMA COUNTY SPECIFICATION SECTION 310.

ABC STRUCTURAL SECTION

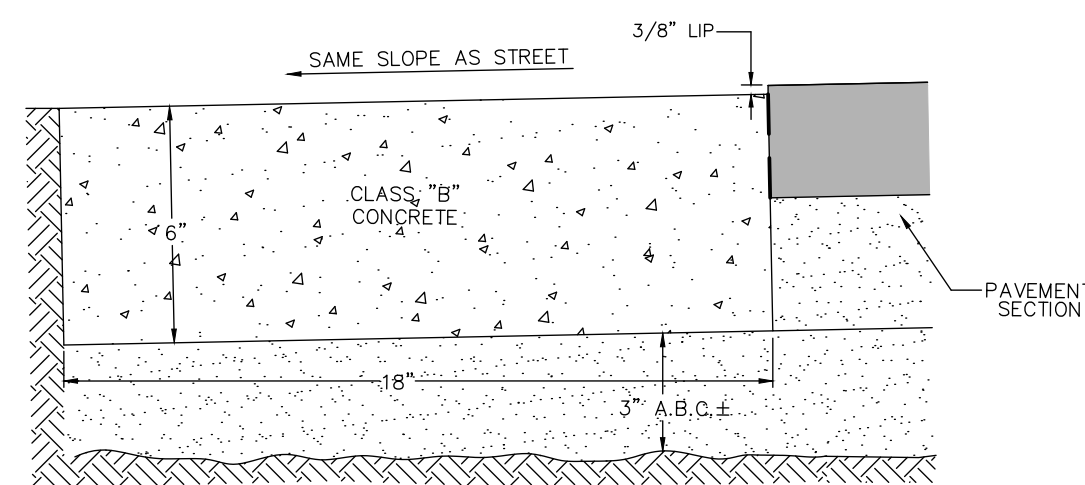
E
6



- NOTE**
1. AGGREGATE BASE SHALL MEET YUMA COUNTY SPECIFICATION SECTION 310.

20' ABC ACCESS ROADWAY

F
6

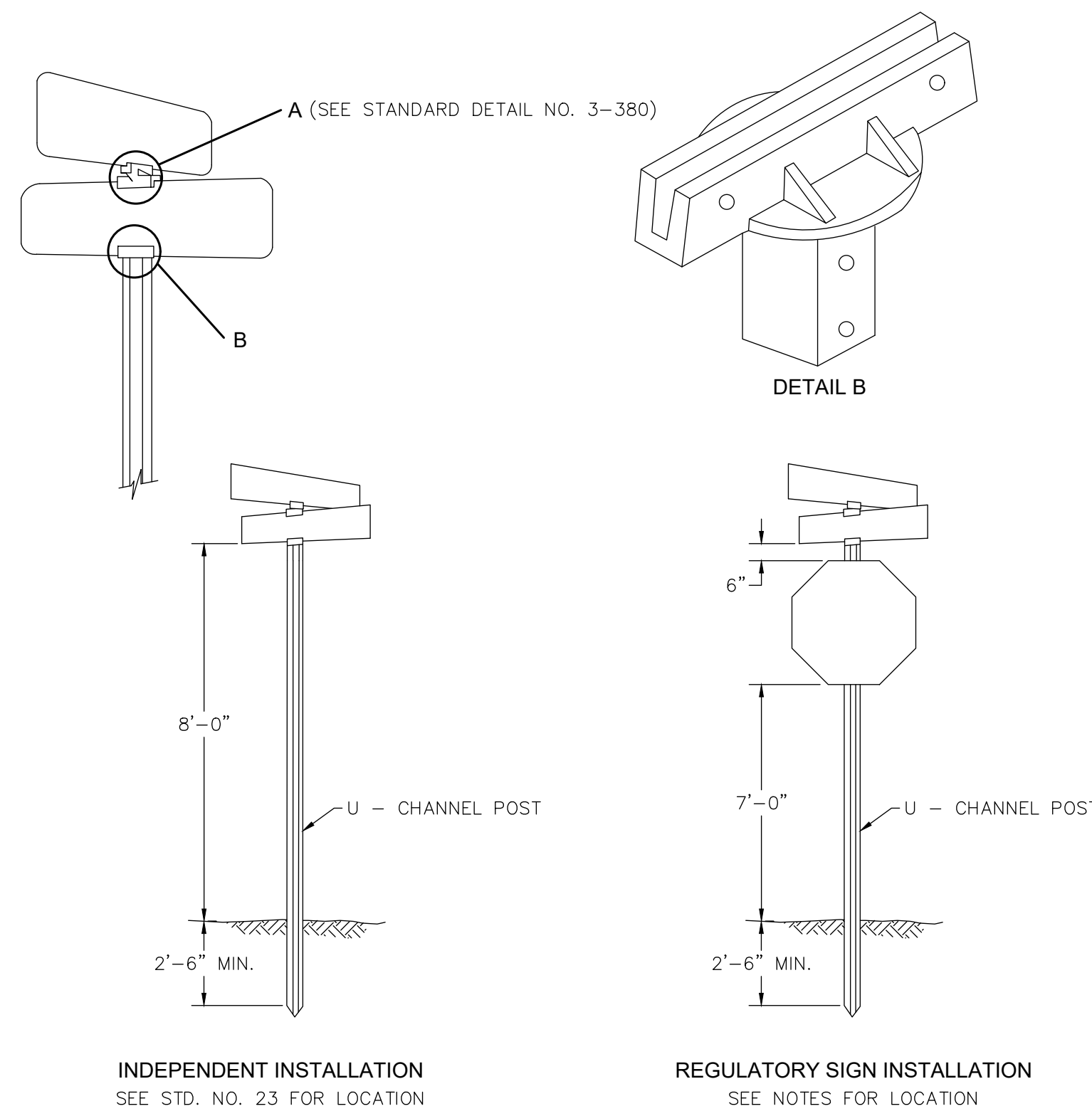


- NOTES**
1. IN GROUP A SOIL CONDITIONS: 8" OF CONCRETE MAY BE SUBSTITUTED FOR 6" OF CONCRETE AND 3" A.B.C. WITH THE APPROVAL OF THE CITY ENGINEER.
 2. BROOM FINISH EXPOSED SURFACE.
 3. CONTRACTION JOINT SPACING AS PER SECTION 3.3.8 OF PUBLIC WORKS STANDARD.
 4. EXPANSION JOINT SPACING 50' MAX AS PER SECTION 3.3.8 OF PUBLIC WORKS STANDARDS.

PAVEMENT BORDER

YUMA COUNTY CONSTRUCTION STANDARD DETAIL NO. 3-160 (MODIFIED)

C
6



- NOTES**
- U-CHANNEL POSTS SHALL BE FLANGED GALVANIZED AND A MINIMUM OF 2 LB. PER FOOT IN WEIGHT.
- WHEN STREET NAME SIGNS ARE MOUNTED WITH A REGULATORY SIGN, THE LOCATION WILL BE AS PER THE M.U.T.C.D.
- SEE GENERAL NOTES ON STD. DETAIL NO. 3-380.

DOUBLE FACED STREET SIGN - STOP SIGN

YUMA COUNTY CONSTRUCTION STANDARD DETAIL NO. 3-380

D
6

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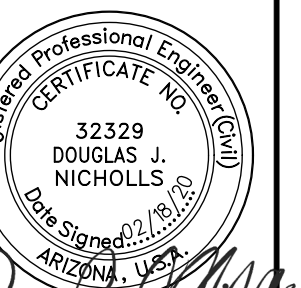
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PAVING DETAILS

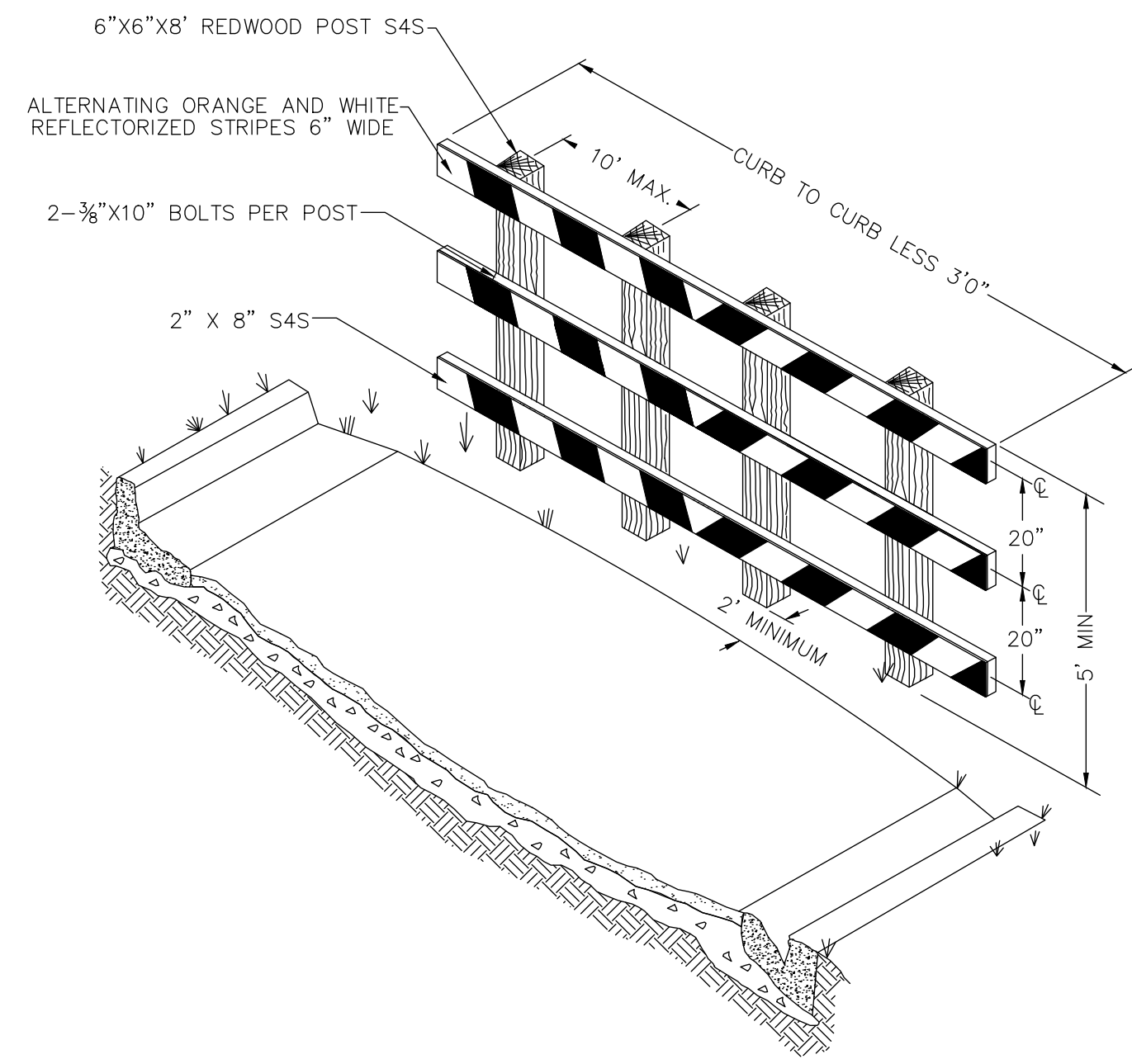


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SHEET **6**

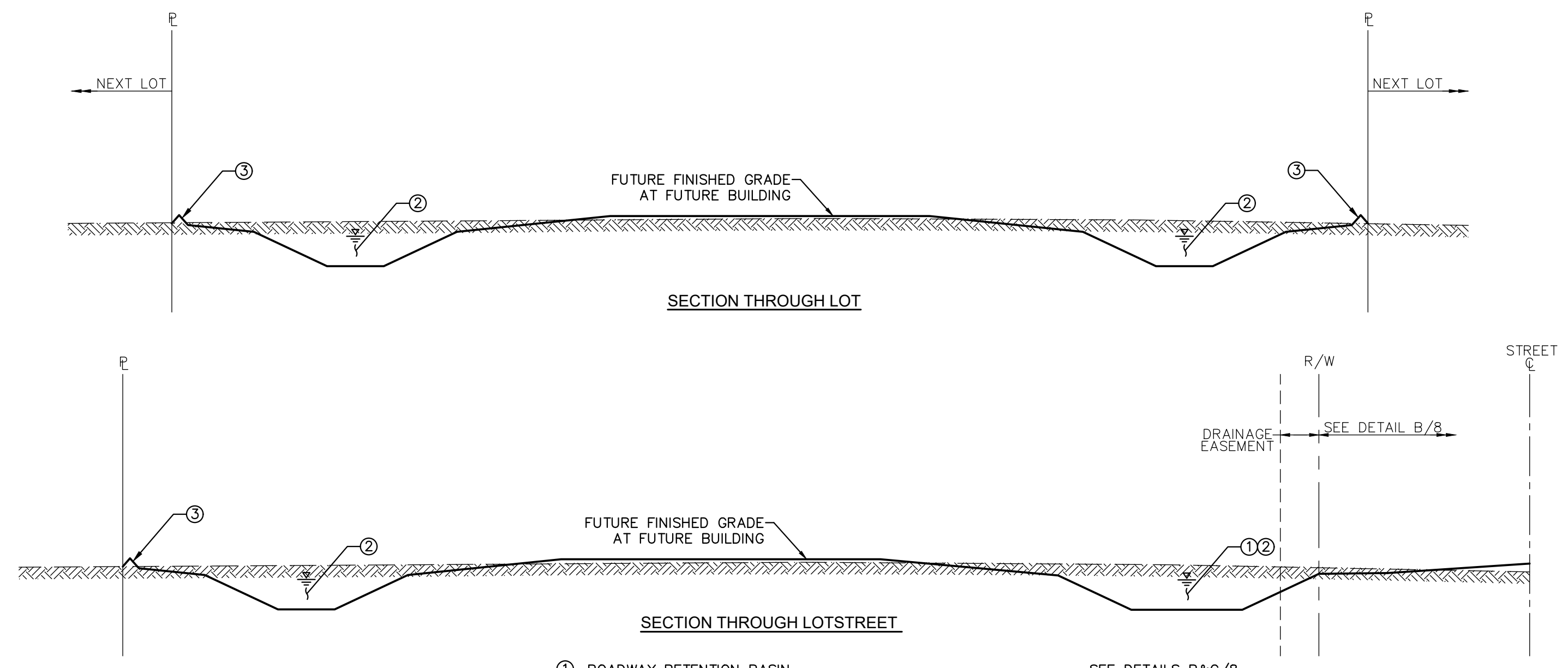
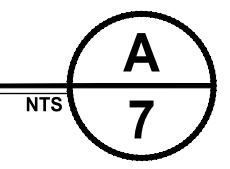


NOTES
 BARRICADE MARKINGS SHALL BE 3M ENGINEER GRADE REFLECTIVE SHEETING ON .080" THICK ALUMINUM SHEET OR EQUAL AS DIRECTED BY PUBLIC WORKS.
 RAIL TIMBER TO BE NO. 1 D.F. S4S AND TO RECEIVE 2 COATS OF OUTSIDE WHITE PAINT ON NON-REFLECTIVE SURFACES. STRIPES SHALL SLOPE TOWARD THE CENTER OF THE PAVEMENT FROM BOTH SIDES, UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER.

STREET WIDTH	NO. OF POSTS
26' - 32'	4
38' - 44'	5
48'	6
68' - 72'	8

TYPE III BARRICADE

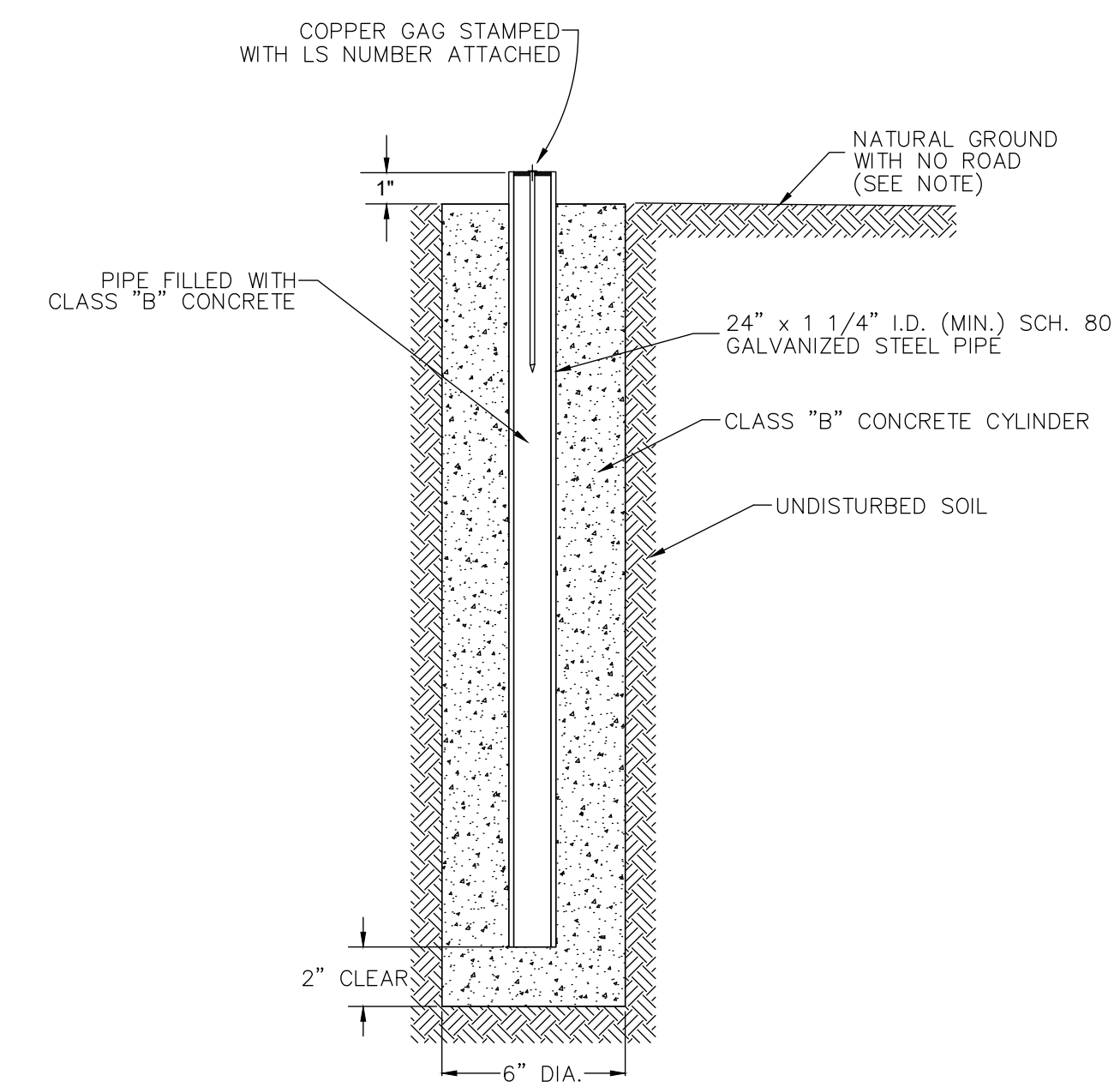
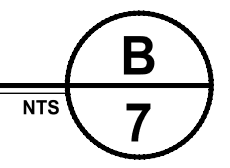
YUMA COUNTY CONSTRUCTION STANDARD DETAIL NO. 3-360



- ① ROADWAY RETENTION BASIN - SEE DETAILS B&C/B
- ② POSSIBLE ON SITE RETENTION BY LOT DEVELOPER
- ③ BERM AS REQUIRED TO PREVENT CROSS PROPERTY DRAINAGE - BY LOT DEVELOPER

NOTE
 THE INTENT OF THIS DETAIL IS TO SHOW THE LOT DRAINAGE/GRADING FUTURE CONCEPT. THIS DETAIL IS FOR REFERENCE ONLY SINCE THE LOT GRADING AND ROADSIDE DRAINAGE WILL BE BY INDIVIDUAL LOT DEVELOPER AT THE TIME OF LOT DEVELOPMENT. A STANDARD GRADING PERMIT IS STILL REQUIRED FOR THE LOT DEVELOPMENT.

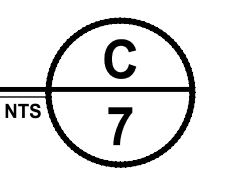
CONCEPTUAL ON-SITE RETENTION AND LOT GRADING DETAIL (BY OTHERS)



NOTE
 IF SUBDIVISION BOUNDARY MONUMENT IS LOCATED WITHIN THE ROADWAY, INSTALL STANDARD NO. 4-080.

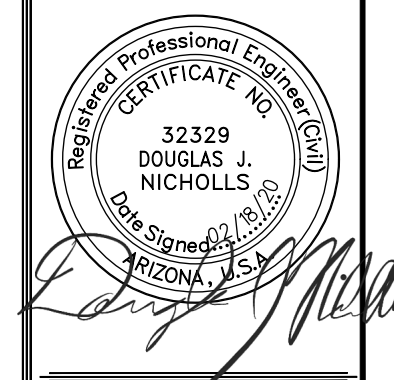
BOUNDARY MONUMENT

YUMA COUNTY CONSTRUCTION STANDARD DETAIL DRAWING NO. 4-030



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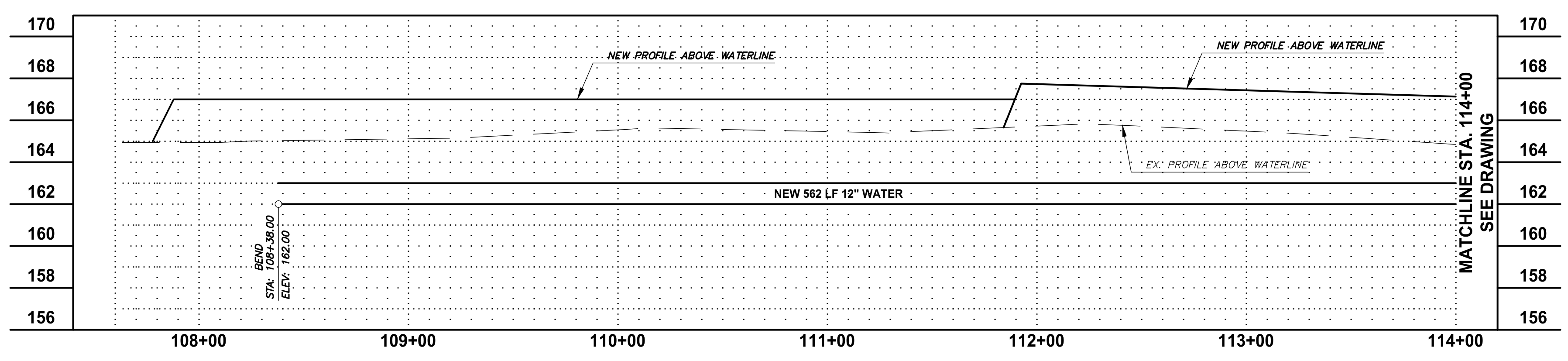
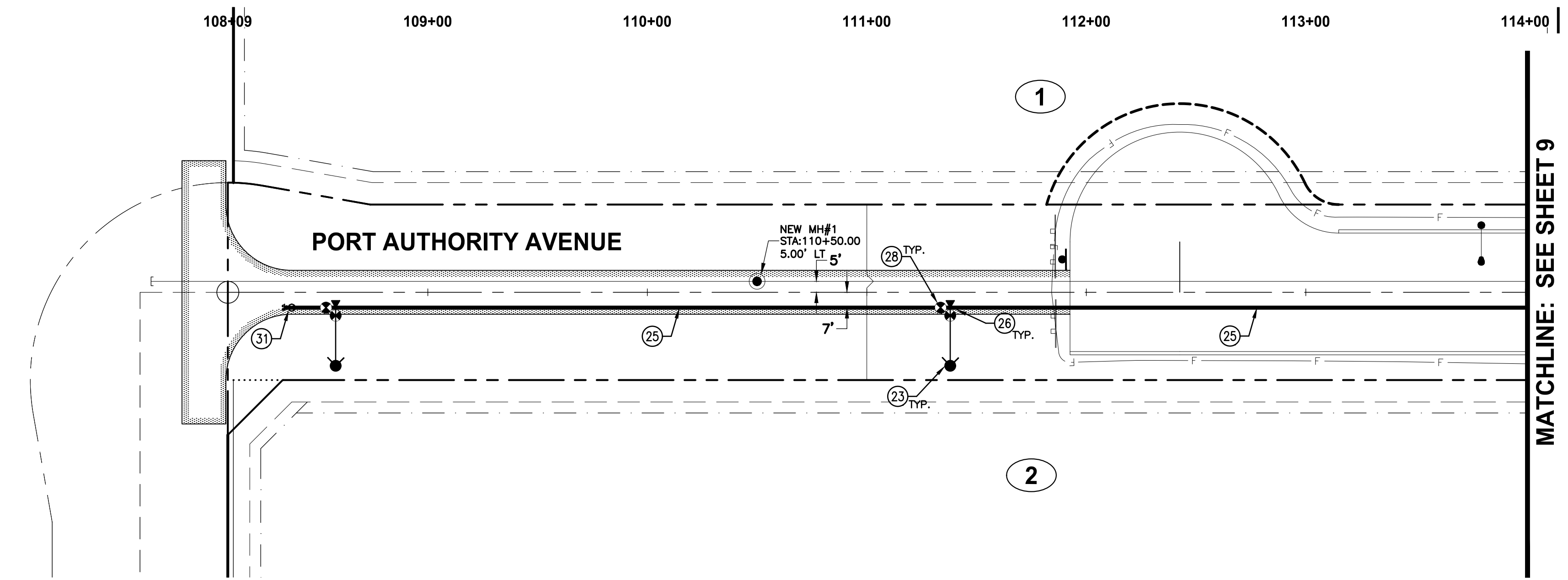
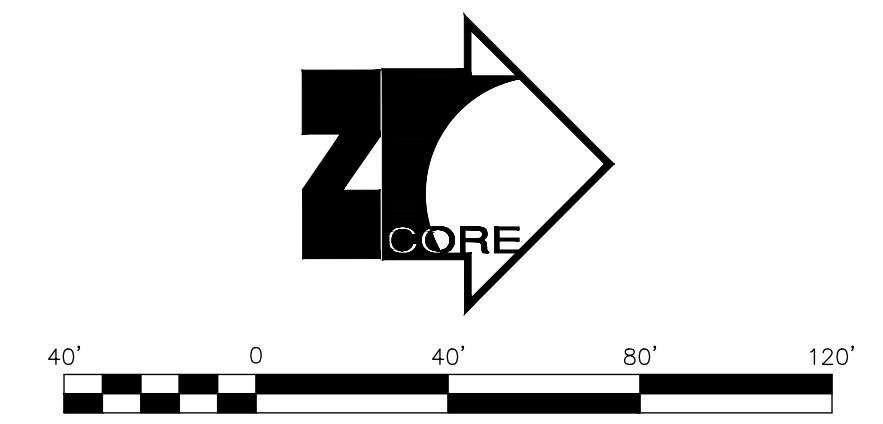
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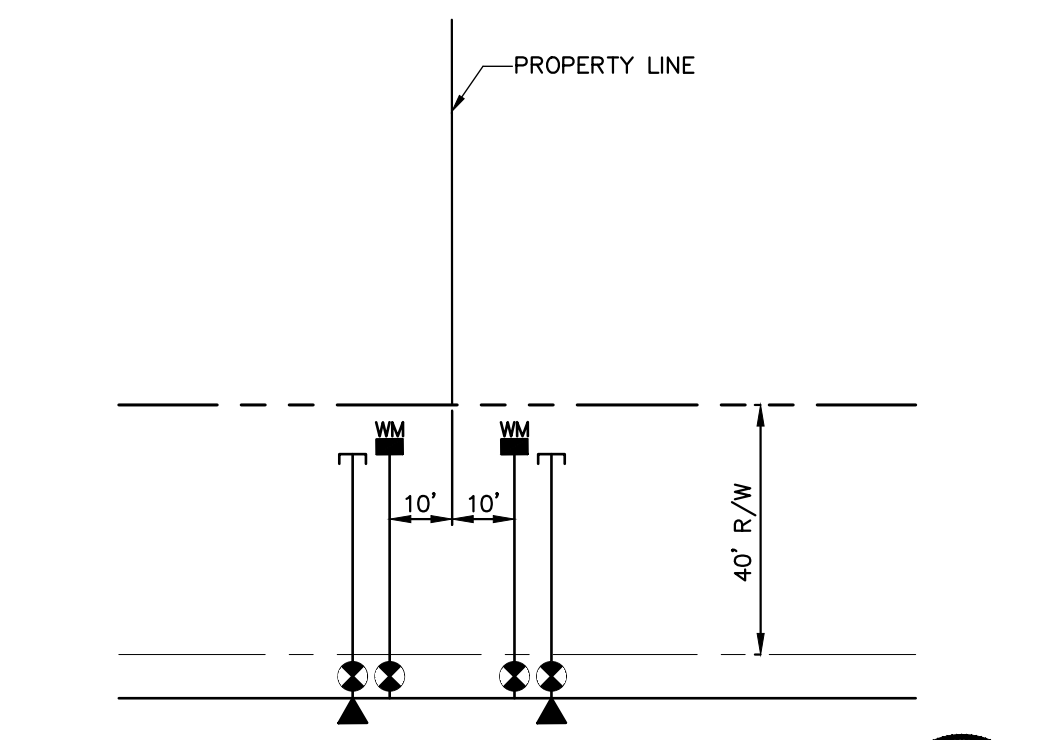
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WATER SCHEDULE OF WORK

- (20) 12" 45° BEND AND THRUST BLOCK (COST INCLUDED IN WATERLINE) -COY STD NO. 5-020
-COY STD NO. 5-025
- (21) 1" SINGLE WATER SERVICE (COST INCLUDED IN ITEM 22) -COY STD NO. 5-035
-COY STD NO. 5-015
-SEE DETAIL A/8
- (22) 1" SERVICE METER BOX -COY STD NO. 5-055
- (23) 6" FIRE HYDRANT ASSEMBLY AND STREET MARKER -COY STD NO. 5-155
-COY STD NO. 5-160
- (24) 6" CLASS 150 C900 PVC WATERLINE -COY STD NO. 5-010
- (25) 12" CLASS 150 C900 PVC WATERLINE -COY STD NO. 5-010
- (26) 12" X 12" X 6" TEE AND THRUST BLOCK (COST INCLUDED IN WATERLINE) -COY STD NO. 5-020
-COY STD NO. 5-025
- (27) 6" GATE VALVE WITH ANCHOR, VALVE BOX, FRAME AND COVER -COY STD NO. 5-065
-COY STD NO. 5-075
- (28) 12" GATE VALVE WITH ANCHOR, VALVE BOX, AND COVER -COY STD NO. 5-065
-COY STD NO. 5-075
- (29) CONNECT NEW 12" WATERLINE TO EXISTING
- (30) 12" 90° BEND AND THRUST BLOCK (COST INCLUDED IN WATERLINE) -COY STD NO. 5-020
-COY STD NO. 5-025
- (31) WATERMAIN BLOWOFF -COY STD NO. 5-085



TYPICAL WATER SERVICE SPACING FROM PROPERTY LINE A
8

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 Core@core-e-g.com

**MAGRINO INDUSTRIAL PARK
UNIT NO. 3
CITY OF SAN LUIS
YUMA COUNTY, ARIZONA
PORT AUTHORITY - WATER PLAN & PROFILE**

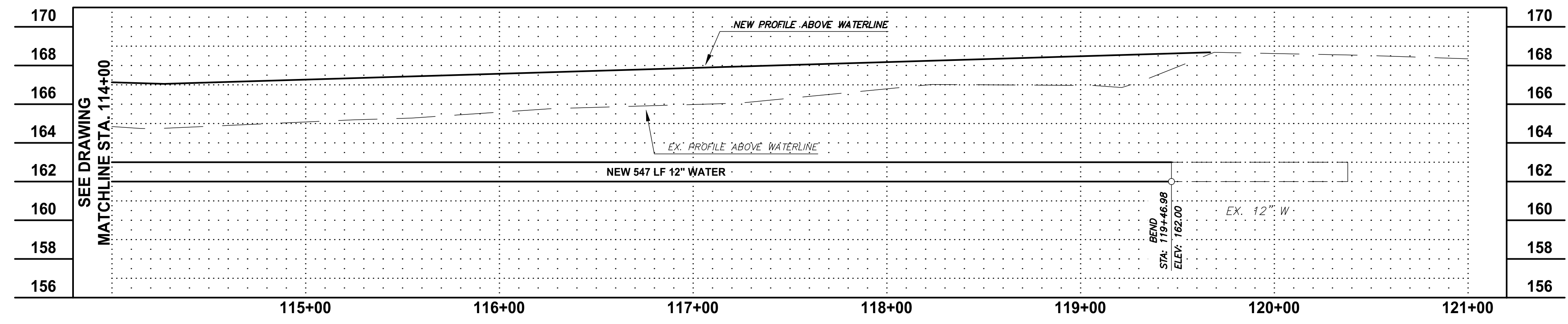
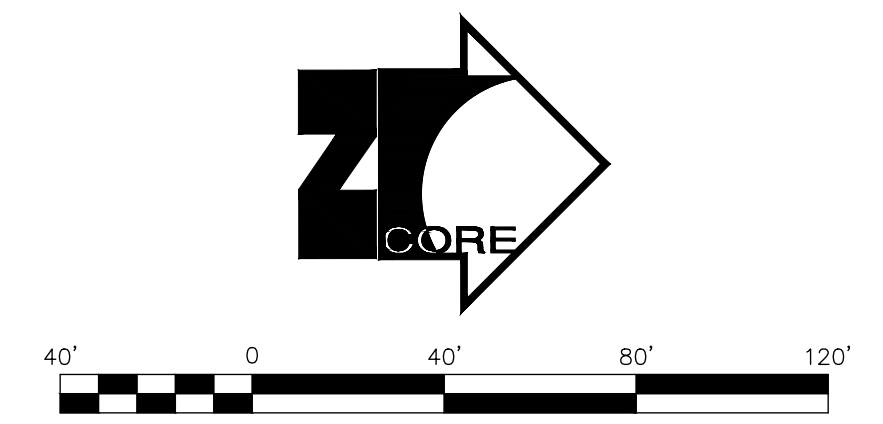
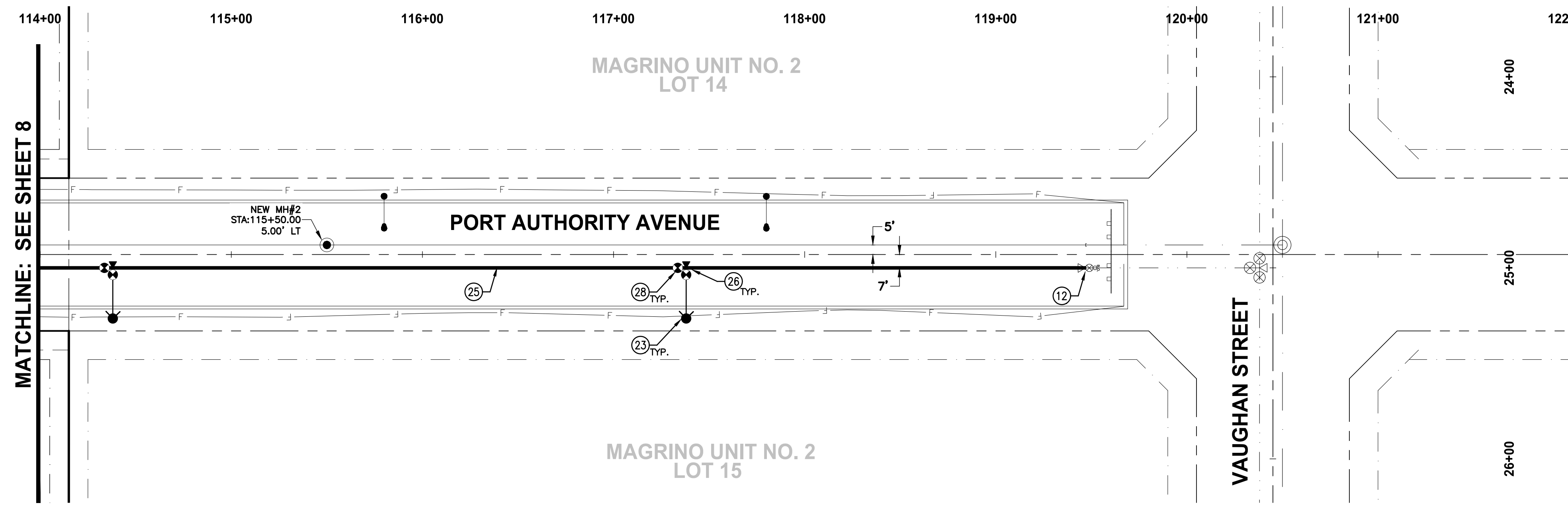
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DOUGLAS J. NICHOLLS
Exp. 02/28/2025

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 In Maricopa County: (602) 263-1100

Date: DEC. 2019
 Designed: K.L.B.
 Drawn: J.M.G.
 Checked: D.J.N.
 Proj. No.: 19-096

SHEET **8**

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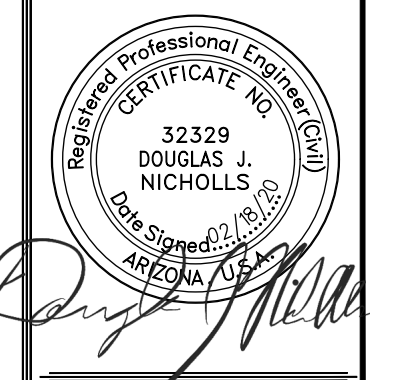


WATER SCHEDULE OF WORK

- 20 12" 45° BEND AND THRUST BLOCK (COST INCLUDED IN WATERLINE) -COY STD NO. 5-020
-COY STD NO. 5-025
- 21 1" SINGLE WATER SERVICE (COST INCLUDED IN ITEM 22) -COY STD NO. 5-035
-COY STD NO. 5-015
-SEE DETAIL A/8
- 22 1" SERVICE METER BOX -COY STD NO. 5-055
- 23 6" FIRE HYDRANT ASSEMBLY AND STREET MARKER -COY STD NO. 5-155
-COY STD NO. 5-160
- 24 6" CLASS 150 C900 PVC WATERLINE -COY STD NO. 5-010
- 25 12" CLASS 150 C900 PVC WATERLINE -COY STD NO. 5-010
- 26 12" X 12" X 6" TEE AND THRUST BLOCK (COST INCLUDED IN WATERLINE) -COY STD NO. 5-020
-COY STD NO. 5-025
- 27 6" GATE VALVE WITH ANCHOR, VALVE BOX, FRAME AND COVER -COY STD NO. 5-065
-COY STD NO. 5-075
- 28 12" GATE VALVE WITH ANCHOR, VALVE BOX, AND COVER -COY STD NO. 5-065
-COY STD NO. 5-075
- 29 CONNECT NEW 12" WATERLINE TO EXISTING
- 30 12" 90° BEND AND THRUST BLOCK (COST INCLUDED IN WATERLINE) -COY STD NO. 5-020
-COY STD NO. 5-025
- 31 WATERMAIN BLOWOFF -COY STD NO. 5-085

UTILITY DISCLAIMER

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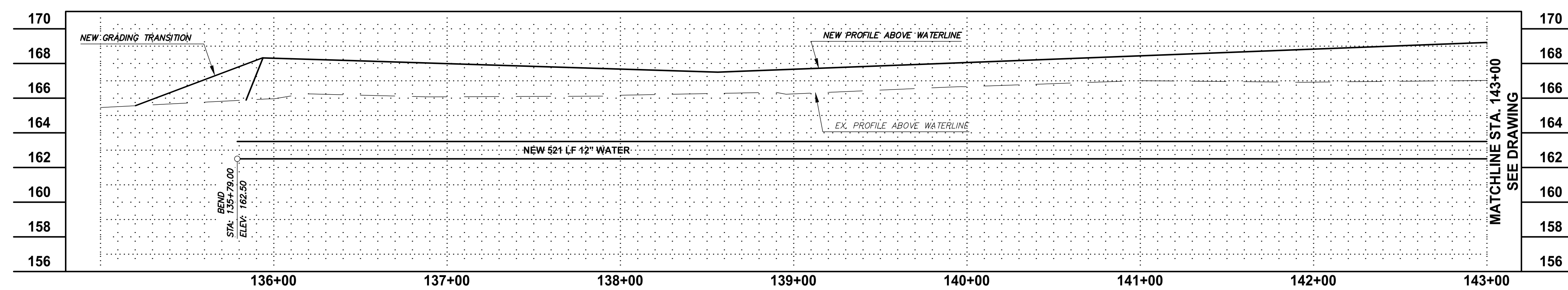
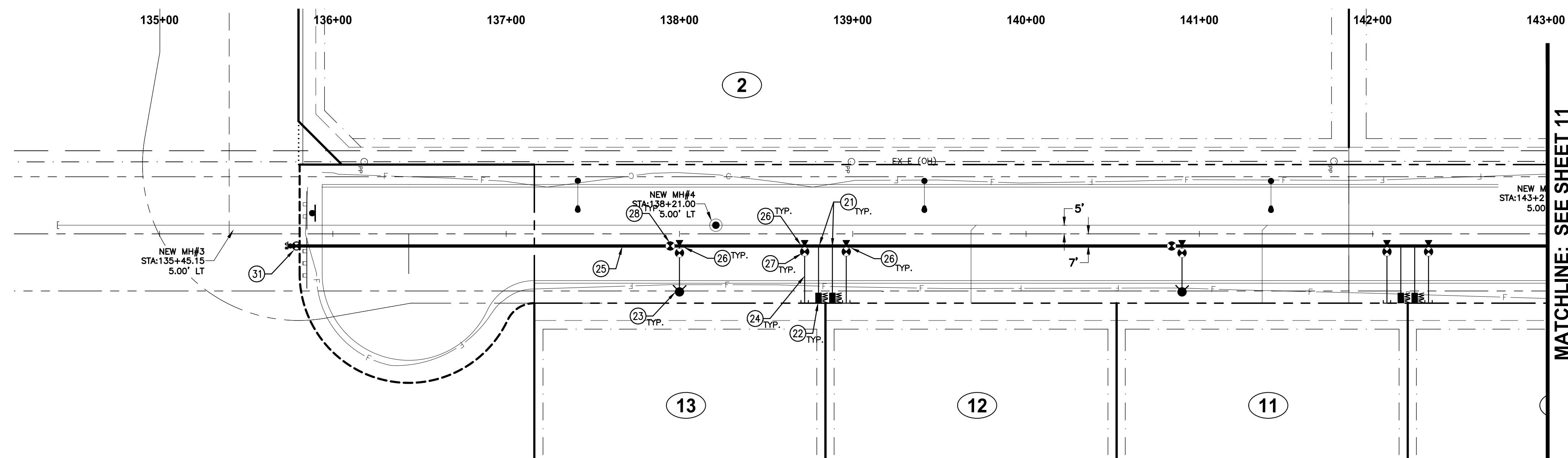
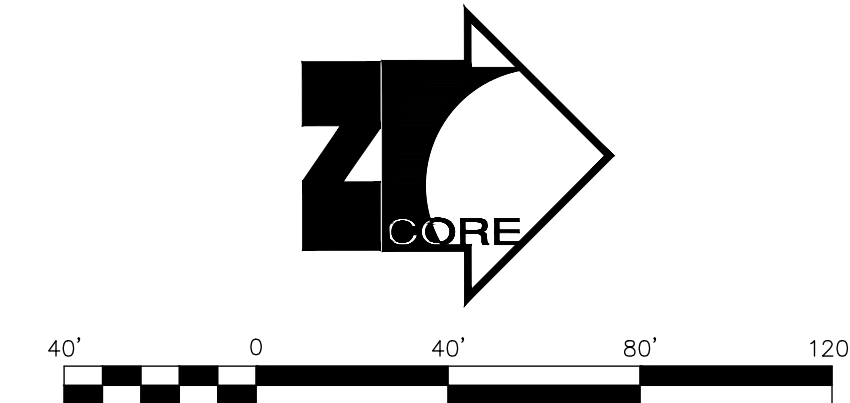
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CITY OF SAN LUIS
YUMA COUNTY, ARIZONA
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WATER SCHEDULE OF WORK

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- 21 1" SINGLE WATER SERVICE (COST INCLUDED IN ITEM 22) -COY STD NO. 5-035
- 22 1" SERVICE METER BOX -COY STD NO. 5-055
- 23 6" FIRE HYDRANT ASSEMBLY AND STREET MARKER -COY STD NO. 5-155
- 24 6" CLASS 150 C900 PVC WATERLINE -COY STD NO. 5-010
- 25 12" CLASS 150 C900 PVC WATERLINE -COY STD NO. 5-010
- 26 12" X 12" X 6" TEE AND THRUST BLOCK (COST INCLUDED IN WATERLINE) -COY STD NO. 5-020
- 27 6" GATE VALVE WITH ANCHOR, VALVE BOX, FRAME AND COVER -COY STD NO. 5-065
- 28 12" GATE VALVE WITH ANCHOR, VALVE BOX, AND COVER -COY STD NO. 5-075
- 29 CONNECT NEW 12" WATERLINE TO EXISTING
- 30 12" 90° BEND AND THRUST BLOCK (COST INCLUDED IN WATERLINE) -COY STD NO. 5-020
- 31 WATERMAIN BLOWOFF -COY STD NO. 5-085

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 DOUGLAS J. NICHOLLS
 License Expires 12/31/2023

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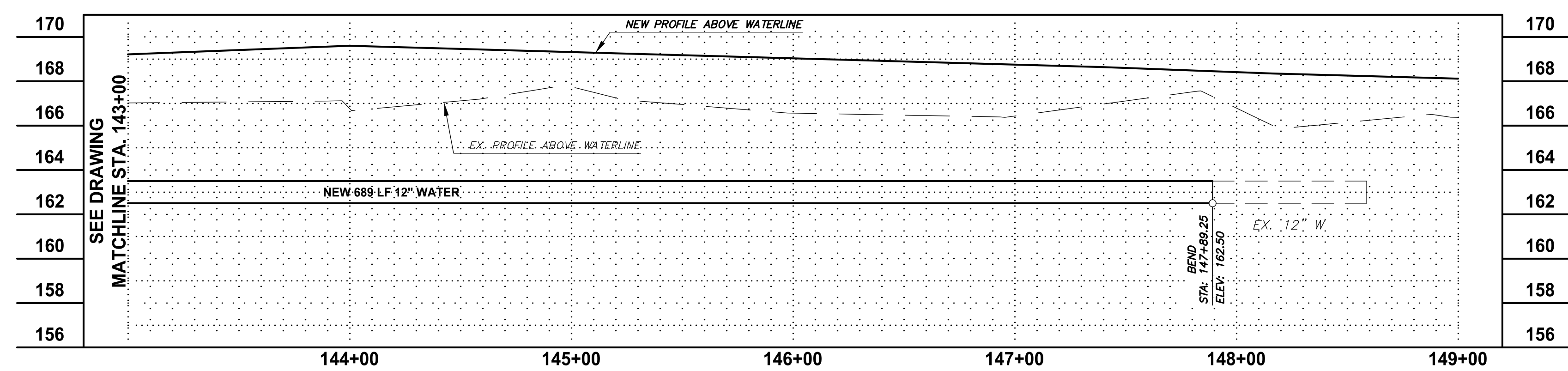
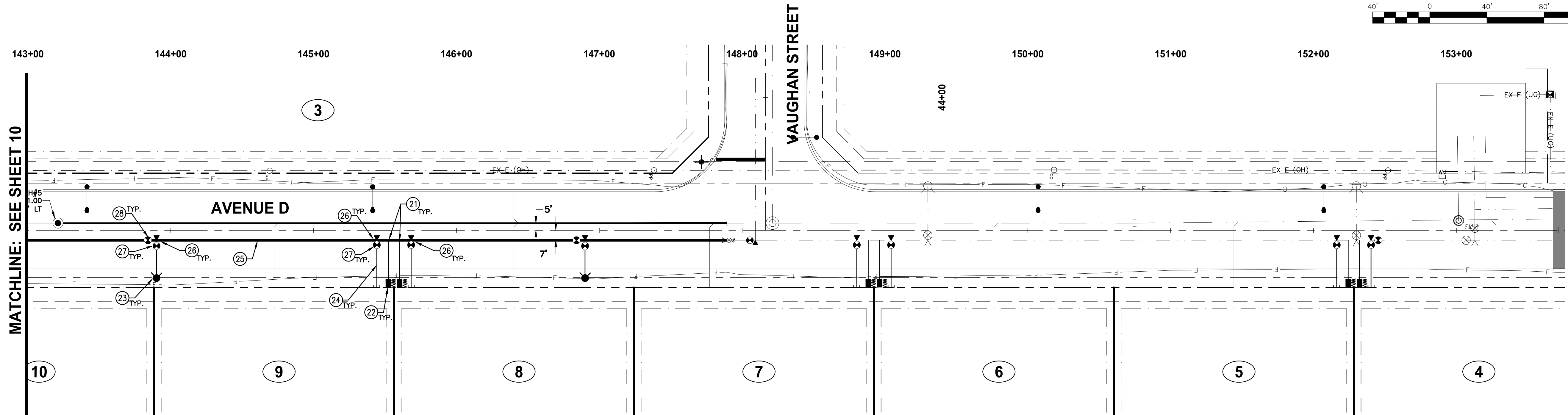
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SHEET **10**

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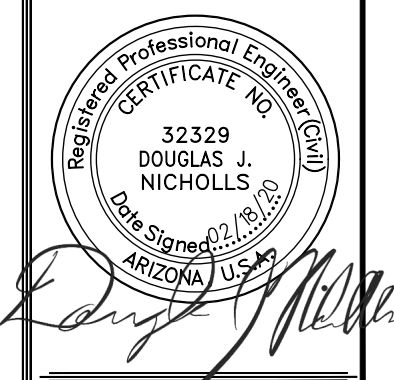


WATER SCHEDULE OF WORK

- (20) 12" 45° BEND AND THRUST BLOCK (COST INCLUDED IN WATERLINE) -COY STD NO. 5-020
-COY STD NO. 5-025
- (21) 1" SINGLE WATER SERVICE (COST INCLUDED IN ITEM 22) -COY STD NO. 5-035
-COY STD NO. 5-015
-SEE DETAIL A/8
- (22) 1" SERVICE METER BOX -COY STD NO. 5-055
- (23) 6" FIRE HYDRANT ASSEMBLY AND STREET MARKER -COY STD NO. 5-155
-COY STD NO. 5-160
- (24) 6" CLASS 150 C900 PVC WATERLINE -COY STD NO. 5-010
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-COY STD NO. 5-075
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-COY STD NO. 5-075
- (29) CONNECT NEW 12" WATERLINE TO EXISTING
- (30) 12" 90° BEND AND THRUST BLOCK (COST INCLUDED IN WATERLINE) -COY STD NO. 5-020
-COY STD NO. 5-025
- (31) WATERMAIN BLOWOFF -COY STD NO. 5-085

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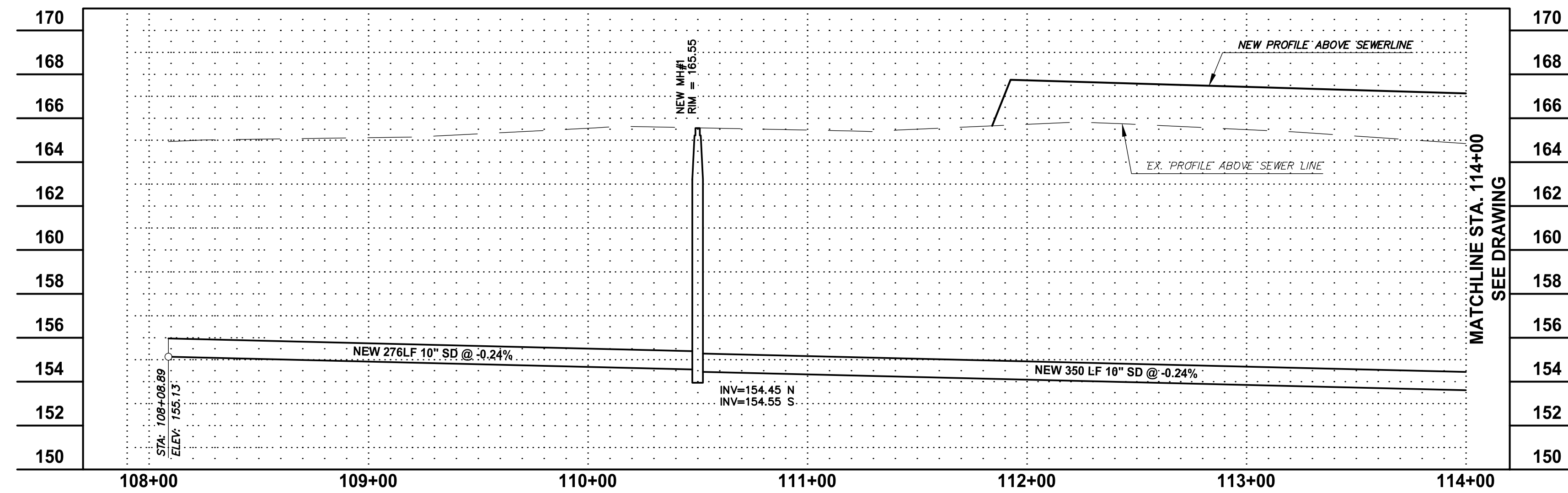
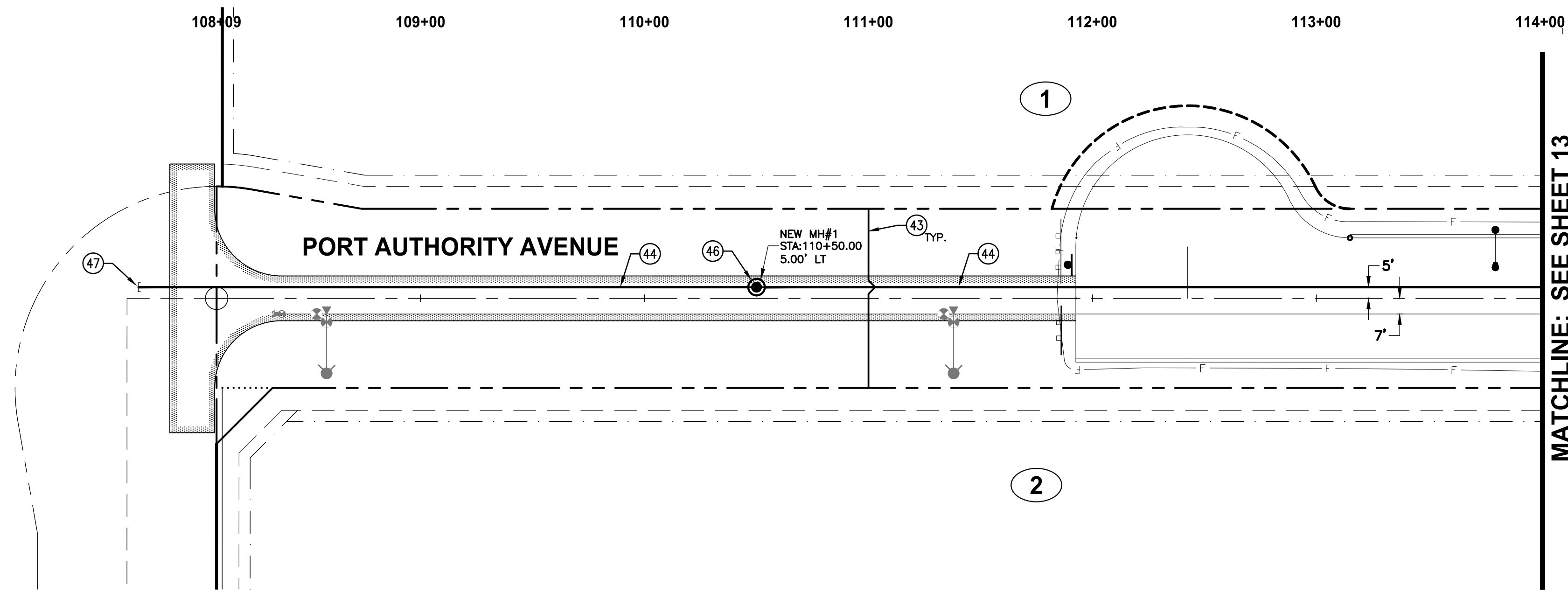
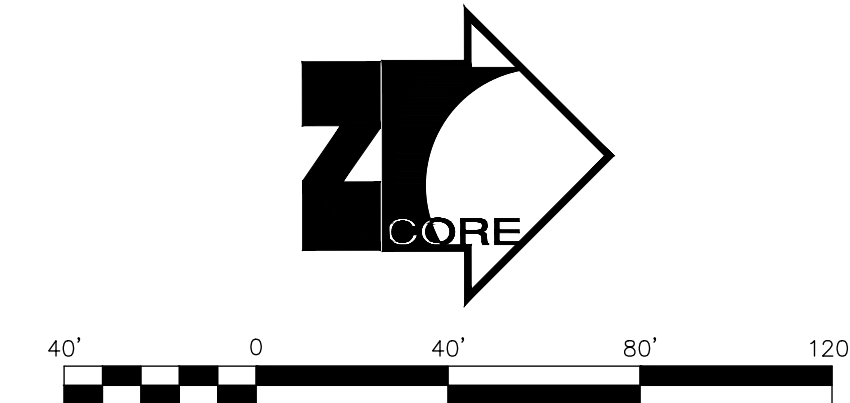
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SEWER SCHEDULE OF WORK

- ① 8" SDR 35 PVC SEWER LINE -COY STD NO. 5-010
- ② 60" POLYMER MANHOLE -COY STD NO. 6-080
- ③ 6" SEWER SERVICE (TYP. ALL LOTS) -COY STD NO. 6-090
- ④ 6" SEWER SERVICE (TYP. ALL LOTS) -COY STD NO. 5-015
- ⑤ 10" SDR 35 PVC SEWER LINE -COY STD NO. 5-010
- ⑥ 8" WATER & SEWER CROSSING -COY STD NO. 5-005
- ⑦ 48" POLYMER MANHOLE -COY STD NO. 6-080 (SIM.)
- ⑧ 48" POLYMER MANHOLE -COY STD NO. 6-090
- ⑨ WATERTIGHT CAP
- ⑩ ADJUST POLYMER MANHOLE TO FINAL GRADE -COY STD NO. 6-080

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CERTIFICATE NO. 32329
DOUGLAS J. NICHOLLS
Date Signed: 12/18/2019
ARIZONA, U.S.A.

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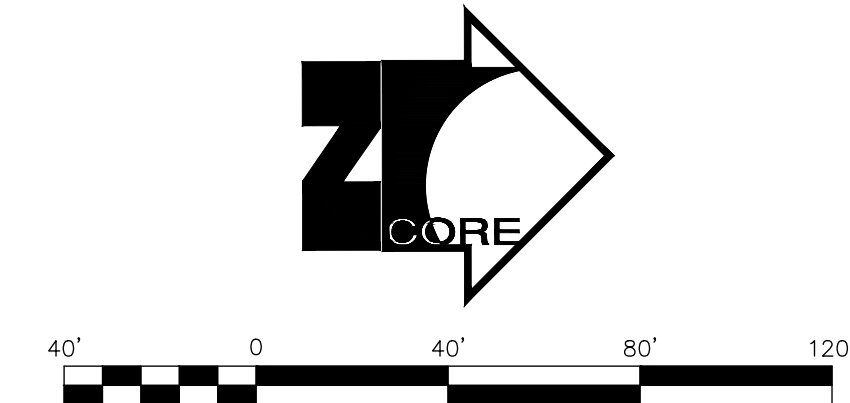
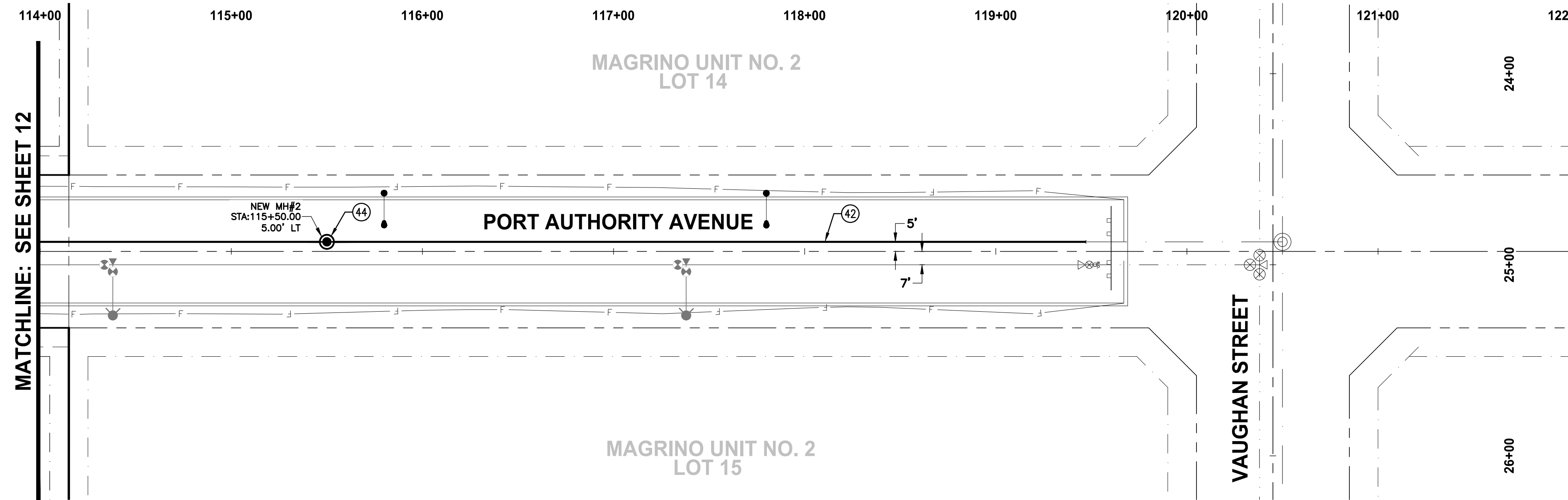
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12

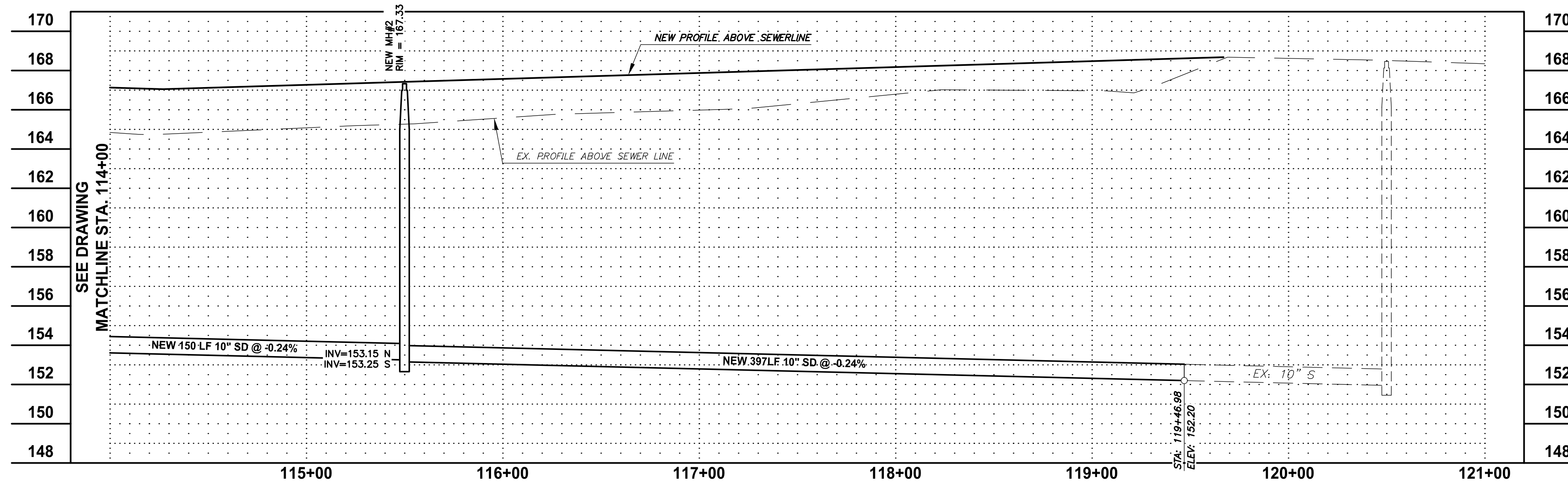
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SEWER SCHEDULE OF WORK

- (41) 8" SDR 35 PVC SEWER LINE -COY STD NO. 5-010
- (42) 60" POLYMER MANHOLE -COY STD NO. 6-080
- (43) 6" SEWER SERVICE (TYP. ALL LOTS) -COY STD NO. 5-015
- (44) 10" SDR 35 PVC SEWER LINE -COY STD NO. 5-010
- (45) 8" WATER & SEWER CROSSING -COY STD NO. 5-005
- (46) 48" POLYMER MANHOLE -COY STD NO. 6-080 (SIM.)
- (47) WATERTIGHT CAP -COY STD NO. 6-090
- (48) ADJUST POLYMER MANHOLE TO FINAL GRADE -COY STD NO. 6-080



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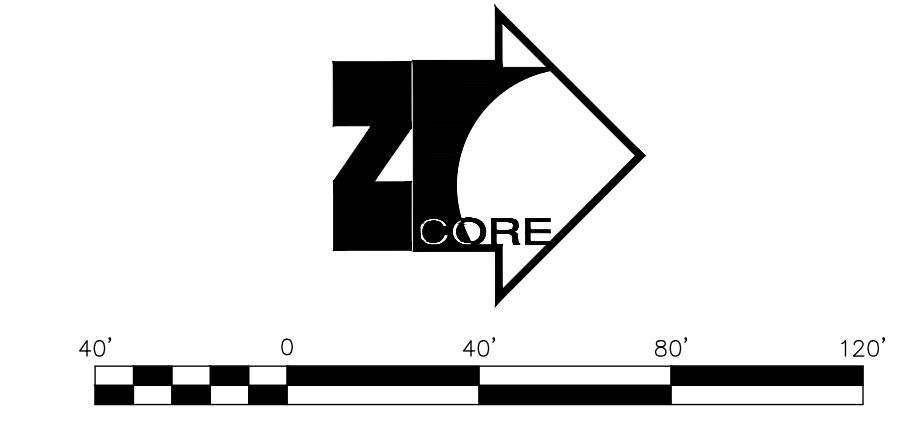
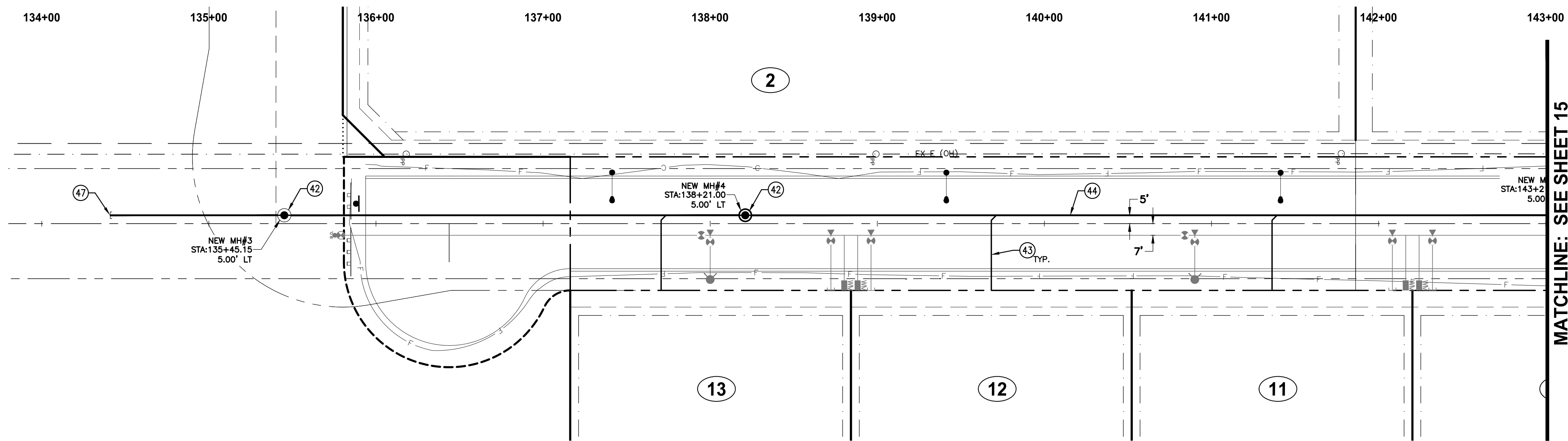
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 Proj. No.: 19-096

SHEET **13**

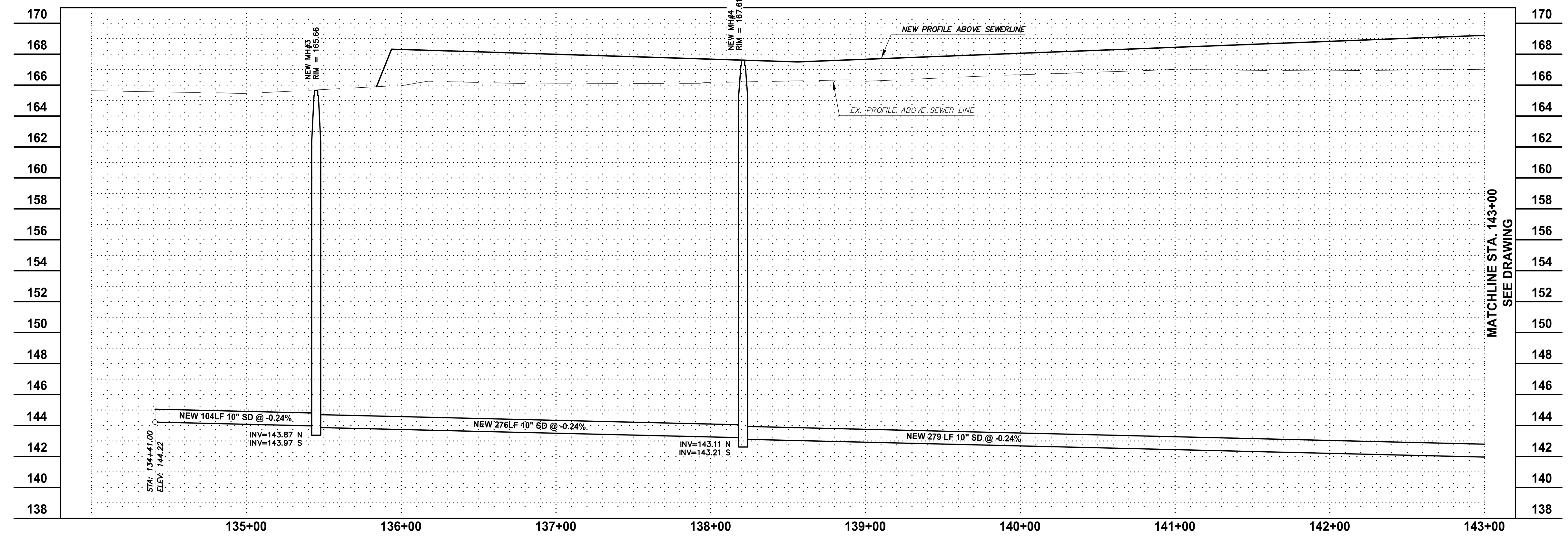
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MATCHLINE: SEE SHEET 15

SEWER SCHEDULE OF WORK

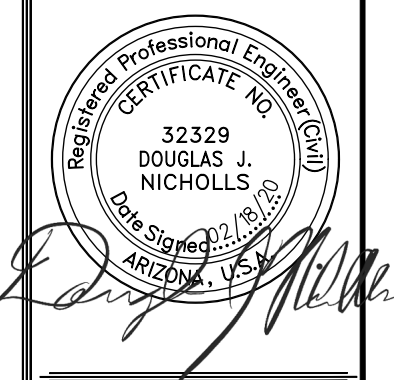
- 41 8" SDR 35 PVC SEWER LINE -COY STD NO. 5-010
- 42 60" POLYMER MANHOLE -COY STD NO. 6-080
-COY STD NO. 6-090
- 43 6" SEWER SERVICE (TYP. ALL LOTS) -COY STD NO. 6-015
-COY STD NO. 5-015
- 44 10" SDR 35 PVC SEWER LINE -COY STD NO. 5-010
- 45 8" WATER & SEWER CROSSING -COY STD NO. 5-005
- 46 48" POLYMER MANHOLE -COY STD NO. 6-080 (SIM.)
-COY STD NO. 6-090
- 47 WATERTIGHT CAP
- 48 ADJUST POLYMER MANHOLE TO FINAL GRADE -COY STD NO. 6-080



MATCHLINE STA. 143+00
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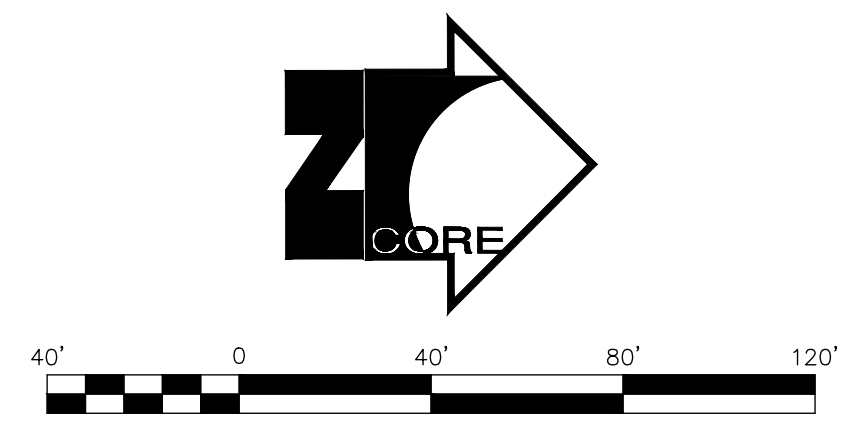
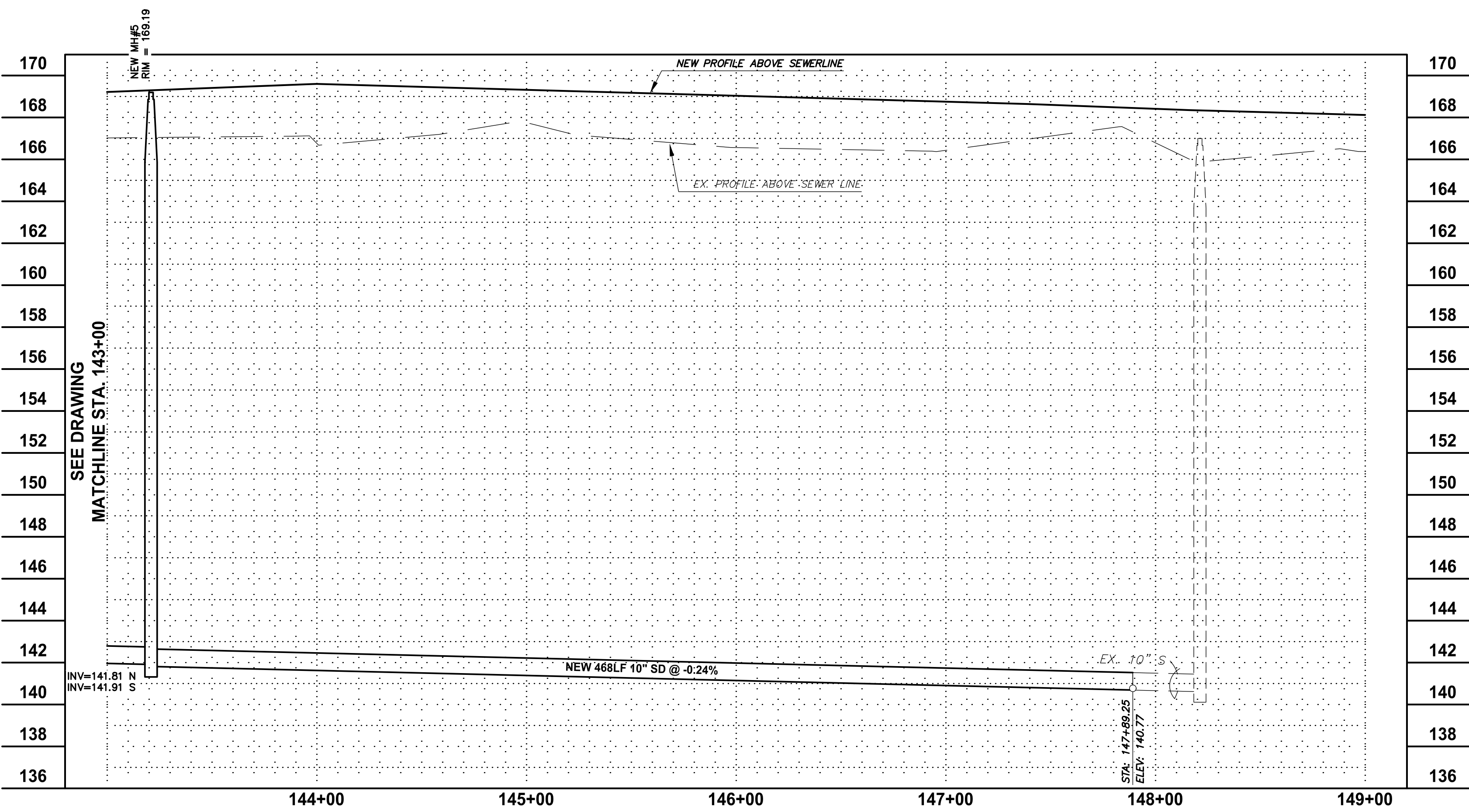
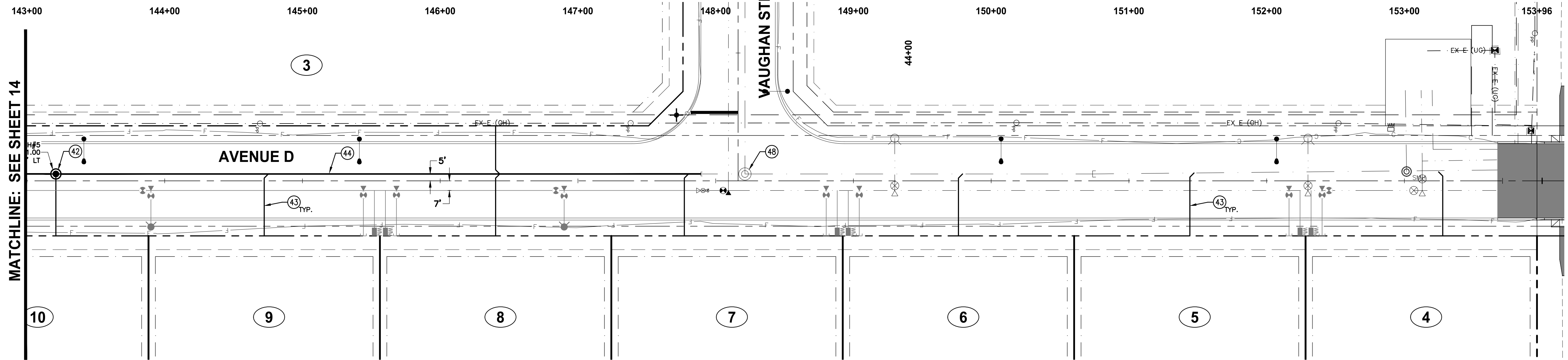


UTILITY DISCLAIMER

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Tue, 18 Feb 2020 3:40pm Z:\2019\19-096\Draws\Prelim Pln\19-096 Prelim Pln_Watsew.dwg - Core Engineering Group, PLLC

MATCHLINE: SEE SHEET 14



SEWER SCHEDULE OF WORK

- (41) 8" SDR 35 PVC SEWER LINE -COY STD NO. 5-010
- (42) 60" POLYMER MANHOLE -COY STD NO. 6-080
-COY STD NO. 6-090
- (43) 6" SEWER SERVICE (TYP. ALL LOTS) -COY STD NO. 6-015
-COY STD NO. 5-015
- (44) 10" SDR 35 PVC SEWER LINE -COY STD NO. 5-010
- (45) 8" WATER & SEWER CROSSING -COY STD NO. 5-005
- (46) 48" POLYMER MANHOLE -COY STD NO. 6-080 (SIM.)
-COY STD NO. 6-090
- (47) WATERTIGHT CAP
- (48) ADJUST POLYMER MANHOLE TO FINAL GRADE -COY STD NO. 6-080

Call at least two full working days before you begin excavation.

Arizona Blue Stake, Inc.
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)
In Maricopa County: (602) 263-1100

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V - 928.344.5931 F - 928.344.5932
www.CoreEngineeringGroup.com
Core@core-e-g.com

**MAGRINO INDUSTRIAL PARK
UNIT NO. 3**
CITY OF SAN LUIS
YUMA COUNTY, ARIZONA
AVE D - SEWER PLAN & PROFILE



Date: DEC. 2019
Designed: K.L.B.
Drawn: J.M.G.
Checked: D.J.N.
Proj. No.: 19-096

DRAWING RECORD:
No. _____
DATE: _____

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