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- 8-15 WATER AND SEWER PLAN AND PROFILES
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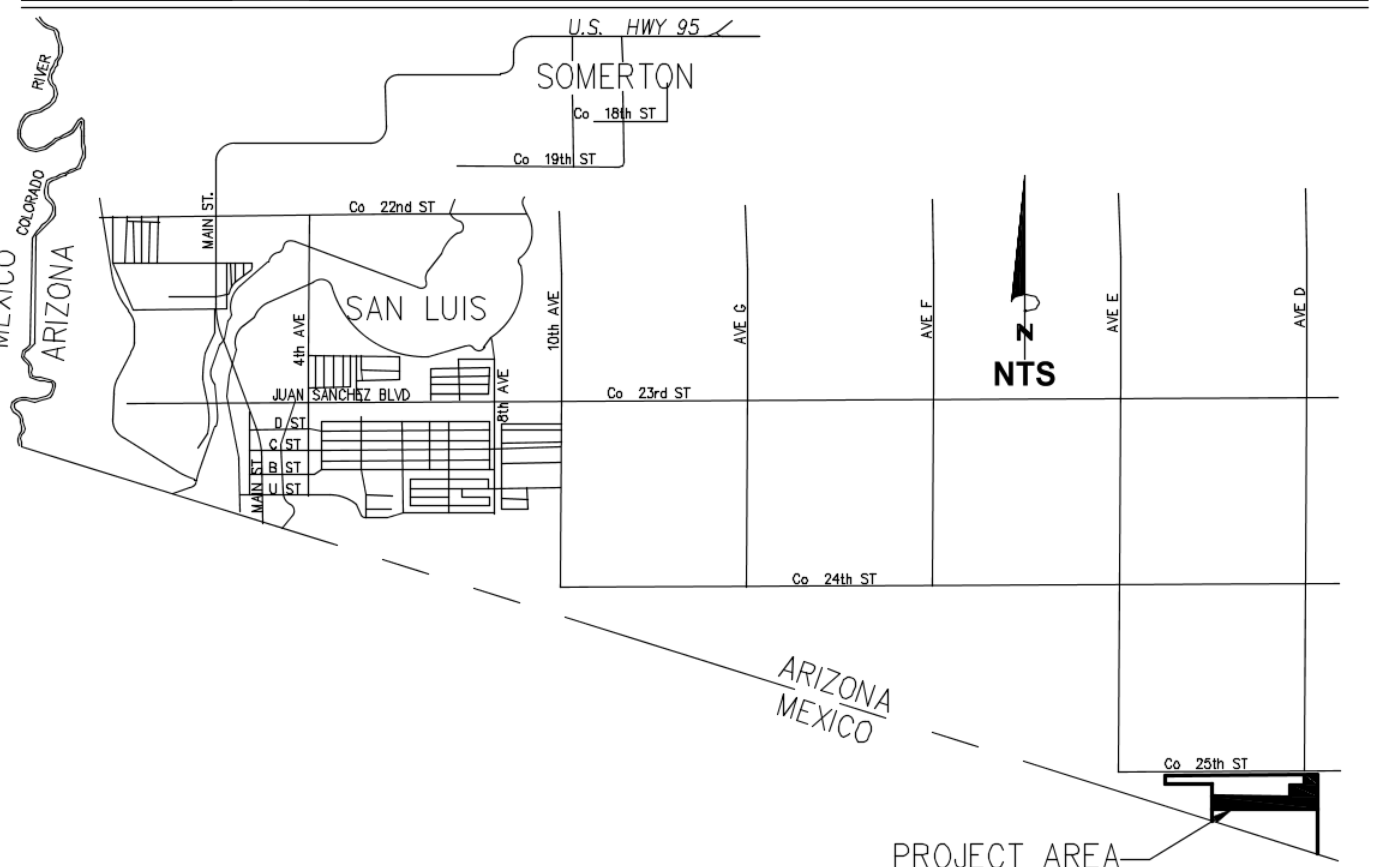
GENERAL NOTES

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



AVENUE E

FOUND 3" BRASS CAP
IN HANDHOLE
"LS 18810, 2006"
NE COR, SEC 23, T11S, R24W

S 89°32'34" E 5279.23' (R1)(M) (BASIS OF BEARINGS)

COUNTY 25TH STREET

T.11S, R.24W,
14, 13
23, 24

PORT AUTHORITY AVENUE

VAUGHAN STREET

AVENUE D

APN 227-23-004
UNITED STATES OF AMERICA
GENERAL SERVICES ADMINISTRATION
450 GOLDEN GATE AVENUE
SAN FRANCISCO, CALIFORNIA 94102
USE: COMMERCIAL BORDER CROSSING
ZONING: LIGHT INDUSTRIAL

UNIT NO. 2

UNIT NO. 3

UNIT NO. 3

TRACT B

UNITED STATES OF AMERICA
REPUBLIC OF MEXICO

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

EX. 15' APS EASEMENT
PER FEE #2008-22599

EAST SECTION LINE
SEC 23, T11S, R24W

EX. 15' APS EASEMENT
PER FEE #2008-31671

EXISTING
66' R/W
PER (R2)

EAST-WEST MIDSECTION LINE
SEC 23, T11S, R24W

GOVERNMENT LOT 4
SEC 23, T11S, R24W

GOVERNMENT LOT 3
SEC 23, T11S, R24W

GOVERNMENT LOT 1
SEC 24, T11S, R24W

EX. 90' U.S. BORDER
PATROL EASEMENT
PER FEE #2005-38820

EX. 50' U.S.B.R. MONITOR
WELL ACCESS EASEMENT
PER FEE #2002-25324

EX. 60' BORDER STRIP
(INTERNATIONAL BOUNDARY
RESERVE TO U.S.A.) PER
FEE #2002-25324

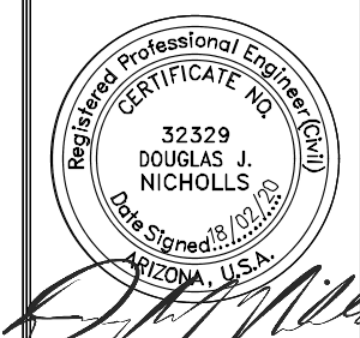
EX. 15' APS EASEMENT
PER FEE #2010-21728

EX. 15' APS EASEMENT
PER FEE #2010-21728

APN 227-25-001
UNITED STATES OF AMERICA
BUREAU OF LAND MANAGEMENT
2565 E. GILA RIDGE ROAD
YUMA, ARIZONA 85304
ZONING: RURAL AREA (10 ACRE)

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**

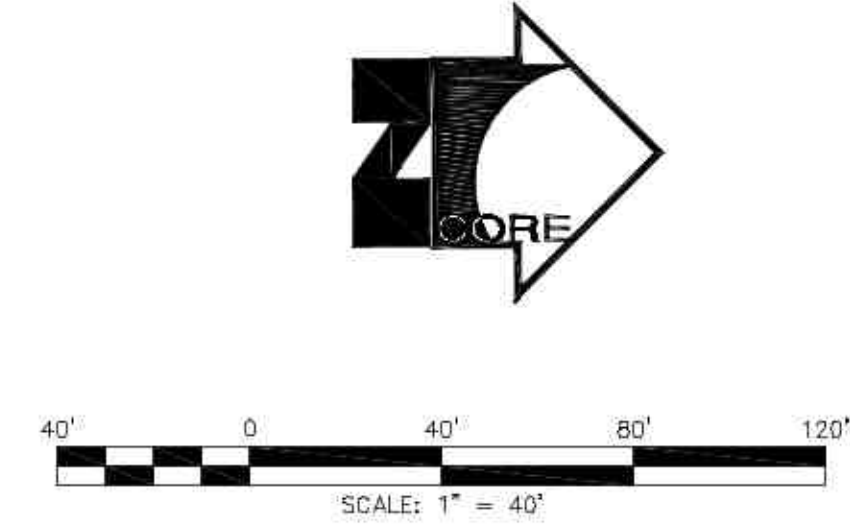
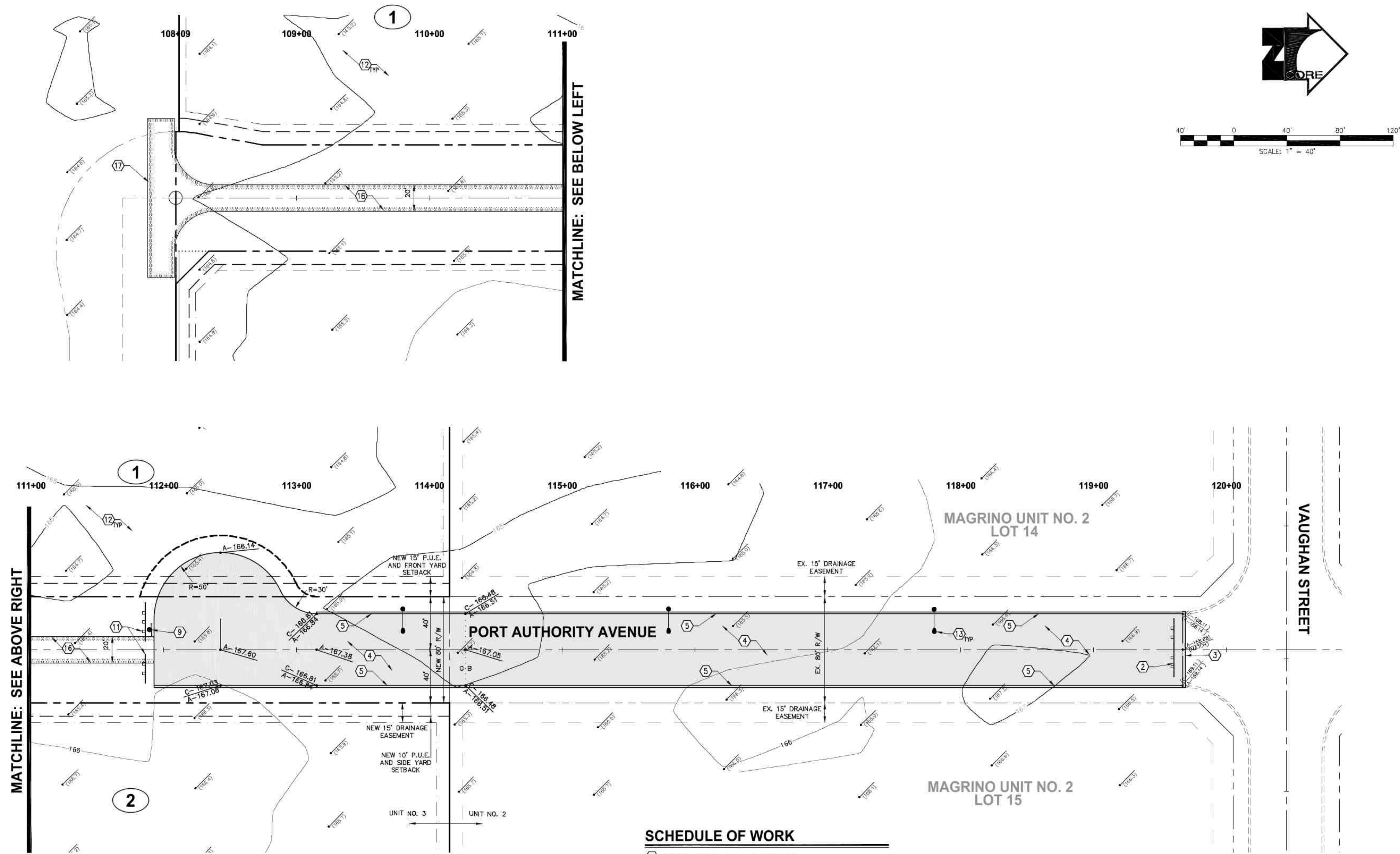


Date: DEC. 2019
Designed: K.L.B.
Drawn: J.M.G.
Checked: D.J.N.
Proj. No.: 19-096

Tue, 18 Feb 2020 11:53am Z:\2019\19-096\dwgs\Prelim Plg\19-096 Cover.dwg Core Engineering Group, PLLC

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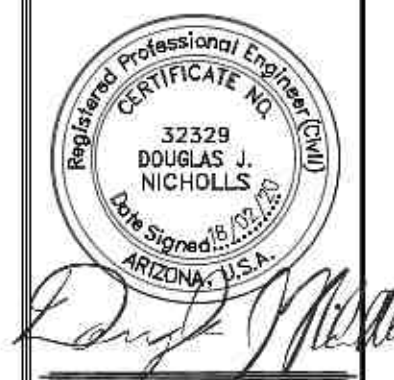
MATCHLINE: SEE BELOW LEFT

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

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM THE FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.



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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

CORE

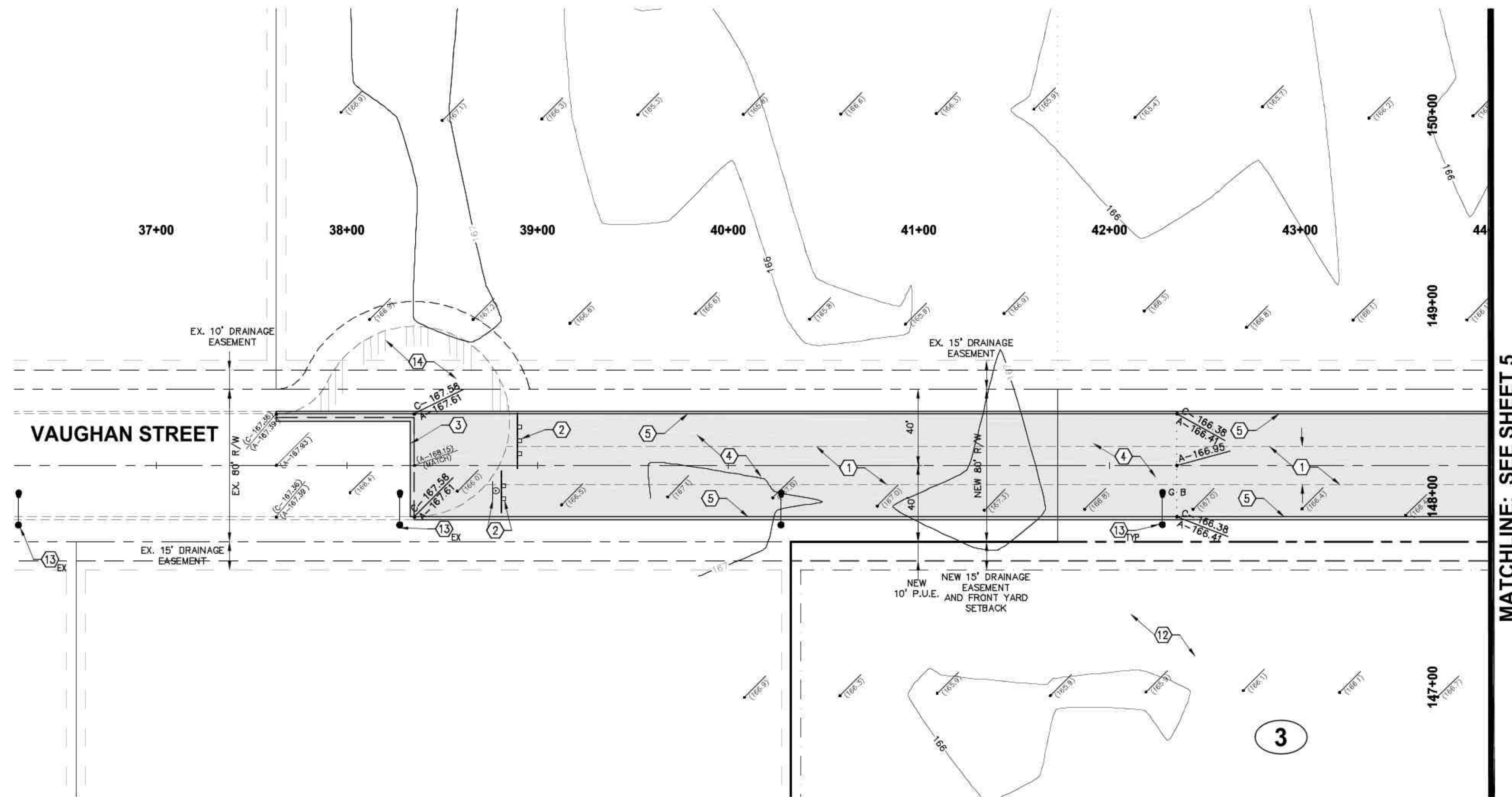
**MAGRINO INDUSTRIAL PARK
 UNIT NO. 3
 CITY OF SAN LUIS
 YUMA COUNTY, ARIZONA
 ROADWAY PLAN**

DRAWING RECORD:

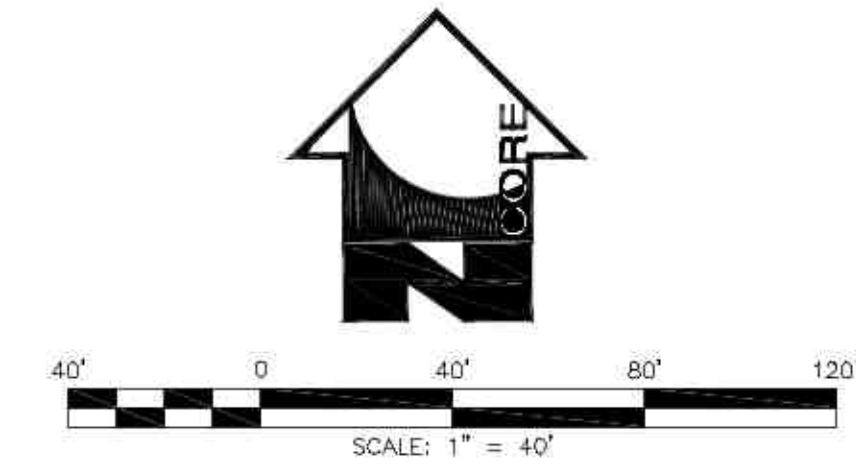
No.	DATE:

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MATCHLINE: SEE SHEET 5



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 FLDW 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) | |
| 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 | |
| 15 | PROVIDE COLD JOINT FOR FUTURE REMOVAL | |

UTILITY DISCLAIMER

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

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

Date: DEC. 2019
 Designed: K.L.B.
 Drawn: J.M.G.
 Checked: D.J.N.
 Proj. No.: 19-096
 SHEET **3**

DRAWING RECORD:

DATE:

No.

DATE:

No.

DATE:

No.

DATE:

No.

DATE:

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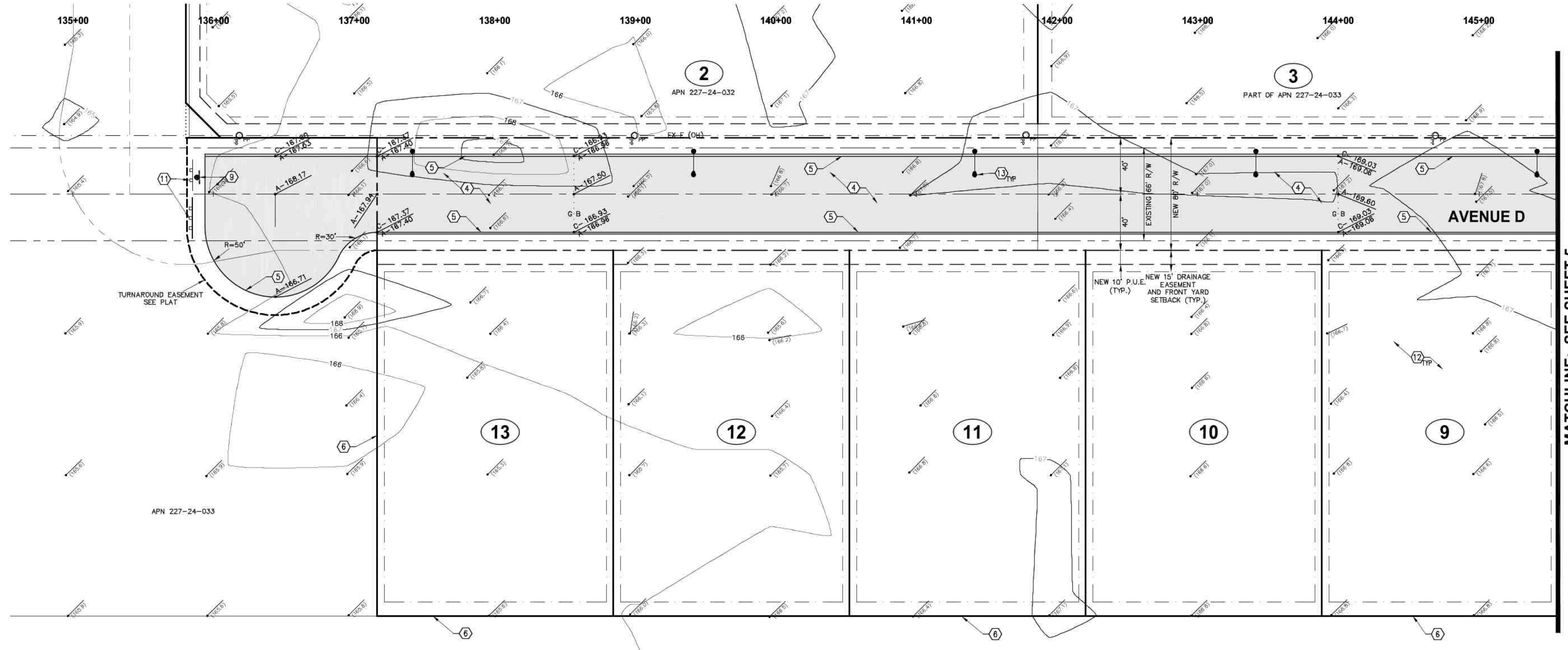
DATE:

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DATE:

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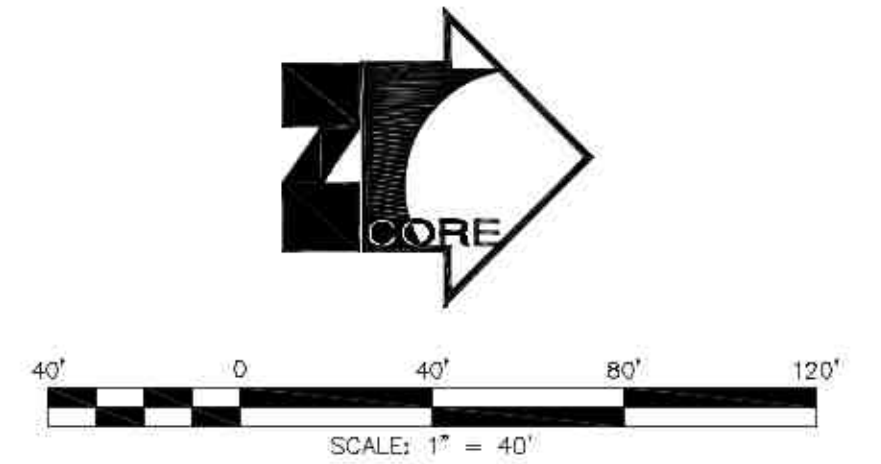


MATCHLINE: SEE SHEET 5

APN 227-25-001
 UNITED STATES OF AMERICA
 BUREAU OF LAND MANAGEMENT
 2555 E. GILA RIDGE ROAD
 USE: VACANT
 ZONING: RURAL AREA (10 ACRE)

SCHEDULE OF WORK

- ① REMOVE EXISTING ABC AND STOCKPILE FOR REUSE (GEN. NOTE 16, SHEET 1)
- 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
- ⑥ 6' SCREEN WALL BY FUTURE LOT DEVELOPERS OR GYPA
- 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



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

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No.	DATE:

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 200 East 16th Street, Suite 150
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 V - 928-344-5931 F - 928-344-5932
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UNIT NO. 3
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ROADWAY PLAN

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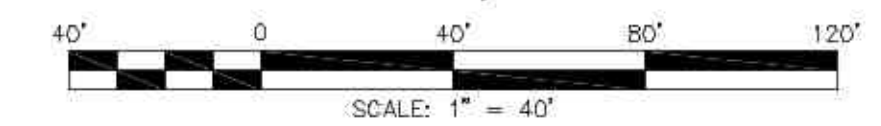
Professional Engineer
 CERTIFICATE NO. 32329
 DOUGLAS J. NICHOLLS
 License No. 19-096
 ARIZONA, U.S.A.

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

4
 SHEET

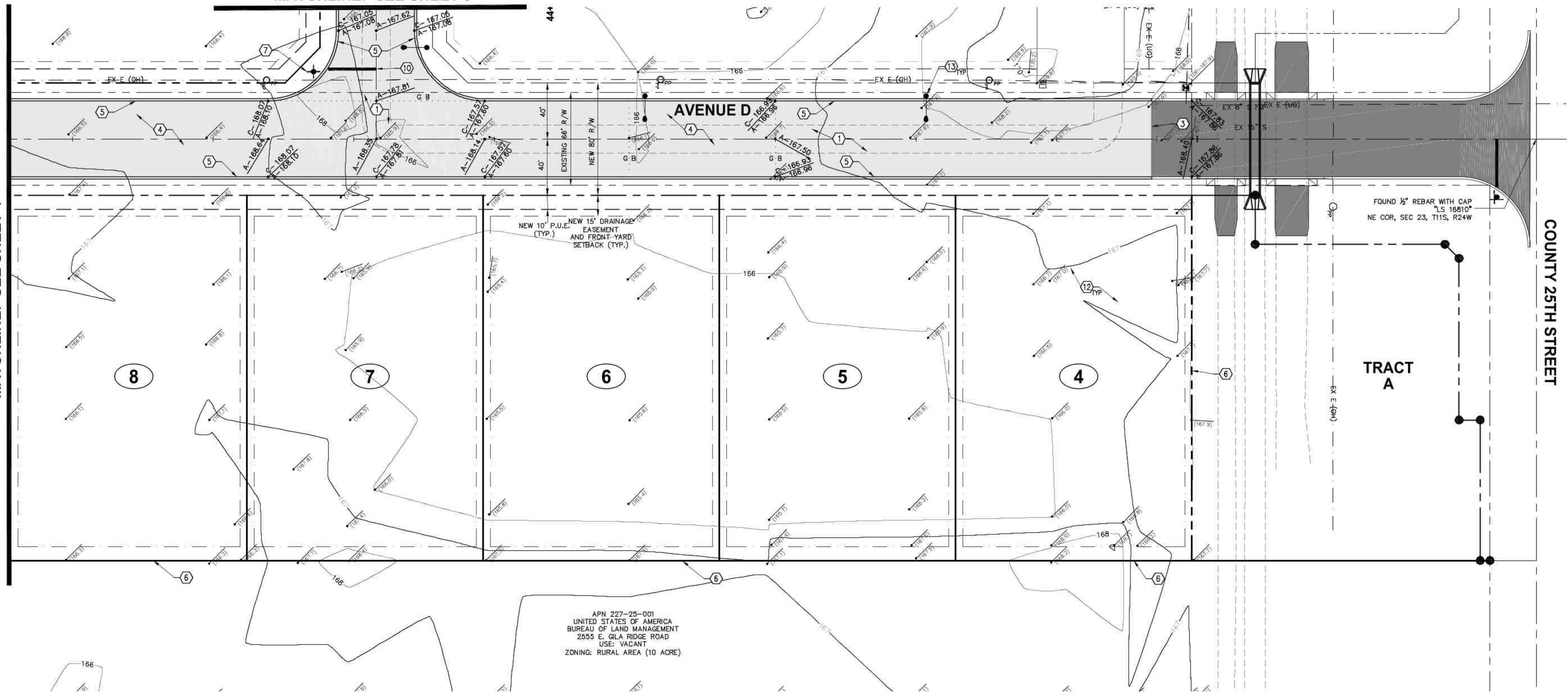
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**WORK PERMITTED
WITH UNIT NO. 2
BUT NOT CONSTRUCTED
- SEE PREVIOUS DESIGN**



MATCHLINE: SEE SHEET 3

MATCHLINE: SEE SHEET 4



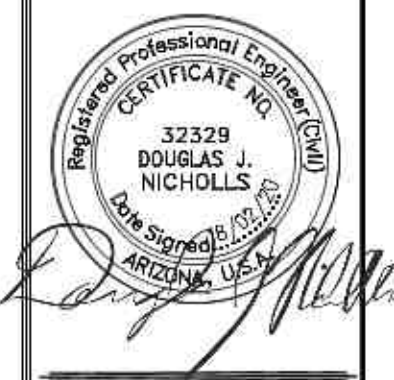
APN 227-25-001
UNITED STATES OF AMERICA
BUREAU OF LAND MANAGEMENT
2555 E. GILA RIDGE ROAD
USE: VACANT
ZONING: RURAL AREA (10 ACRE)

SCHEDULE OF WORK

- 1 REMOVE EXISTING ABC AND STOCKPILE FOR REUSE (GEN NOTE 16, PAGE 1)
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- 13 STREET LIGHT -BY APS
- 14 REMOVE EXISTING PAVEMENT

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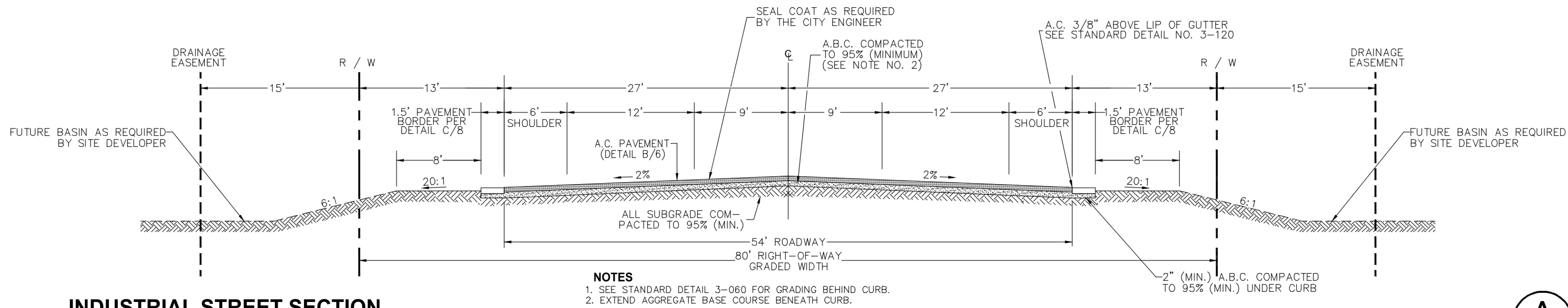
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Proj. No.: 19-096

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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
ROADWAY PLAN**

DRAWING RECORD:
No. _____
DATE: _____

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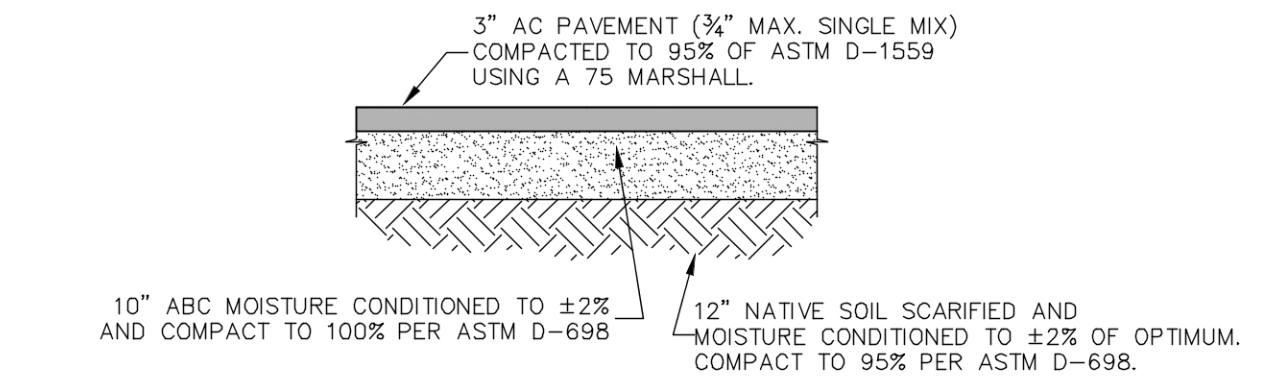


INDUSTRIAL STREET SECTION

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

A
6

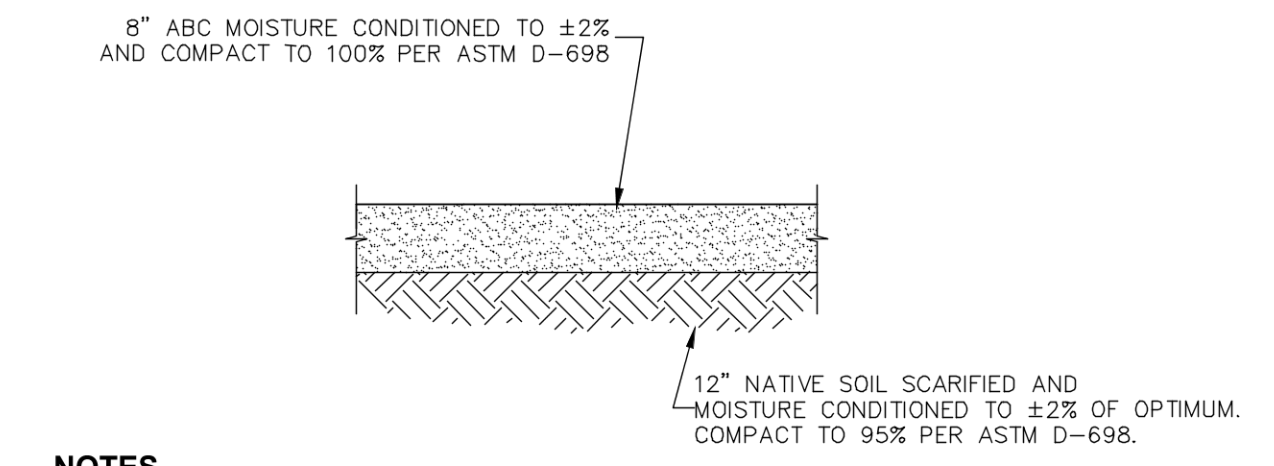
- NOTES**
 1. SEE STANDARD DETAIL 3-060 FOR GRADING BEHIND CURB.
 2. EXTEND AGGREGATE BASE COURSE BENEATH CURB.



PAVEMENT STRUCTURAL SECTION

B
6

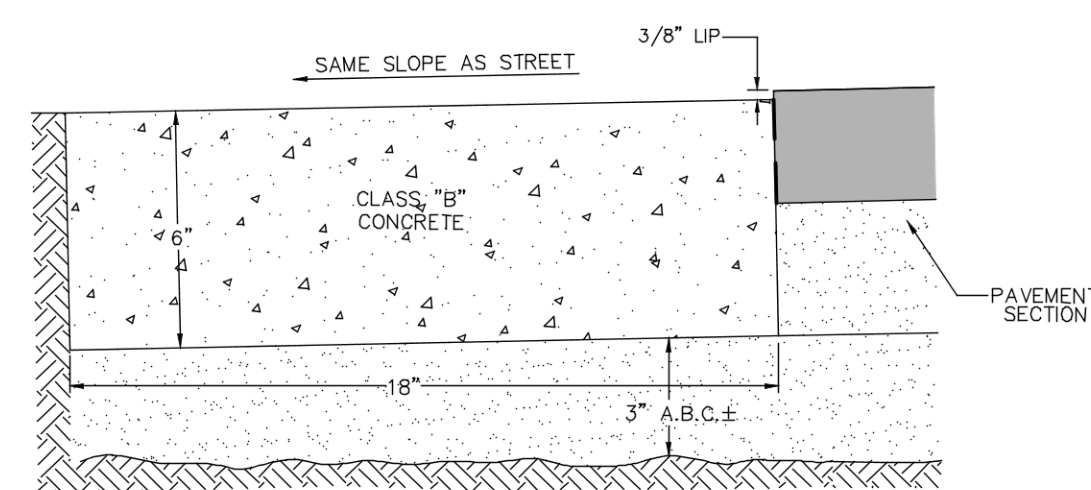
- NOTES**
 1. ASPHALT SHALL MEET CURRENT YUMA COUNTY STANDARD SPEC. 321 FOR 3/4 INCH MAXIMUM SINGLE COARSE.
 2. AGGREGATE BASE SHALL YUMA COUNTY SPECIFICATION SECTION 310.



ABC STRUCTURAL SECTION

E
6

- 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.

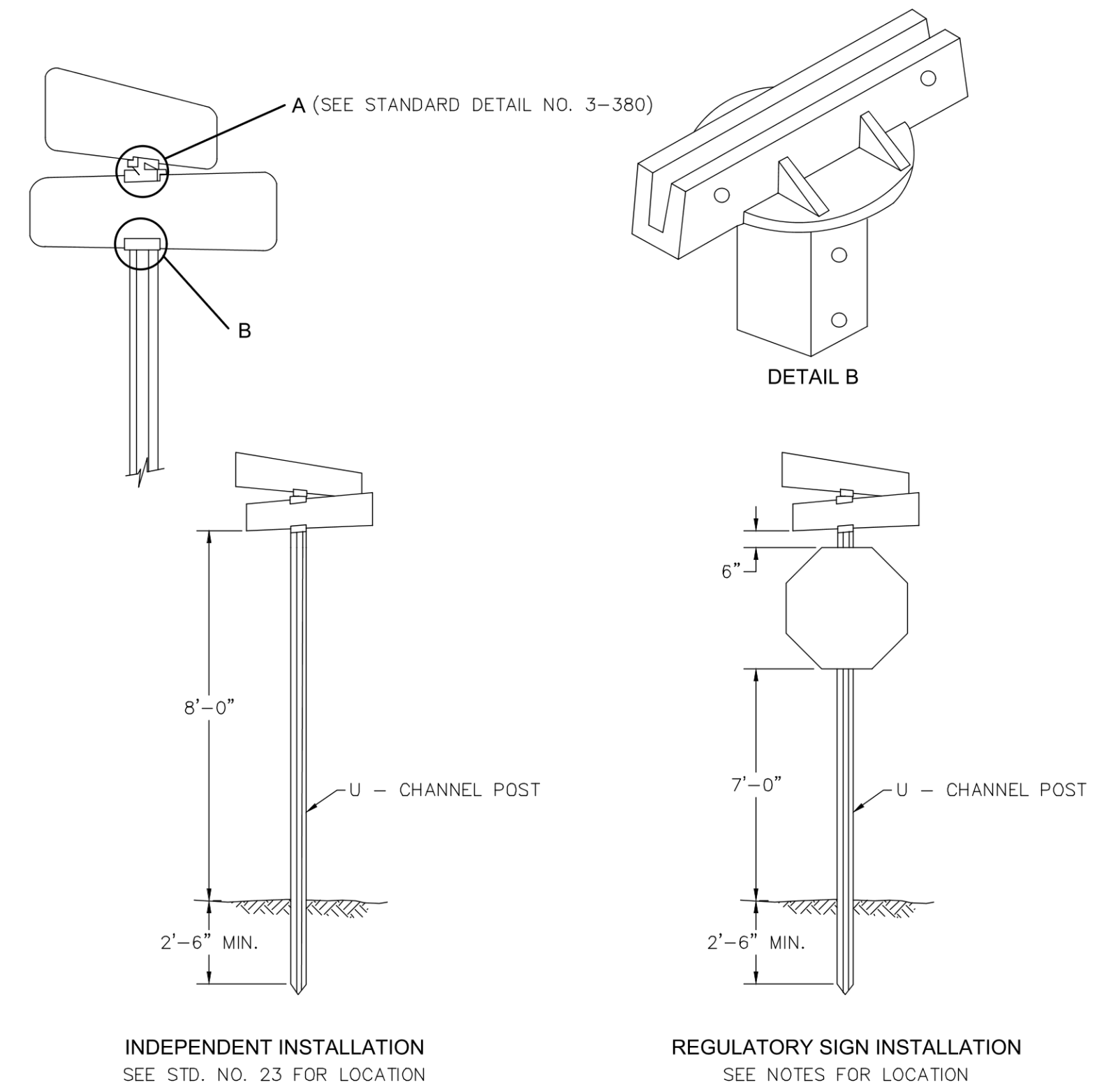


PAVEMENT BORDER

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

C
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.



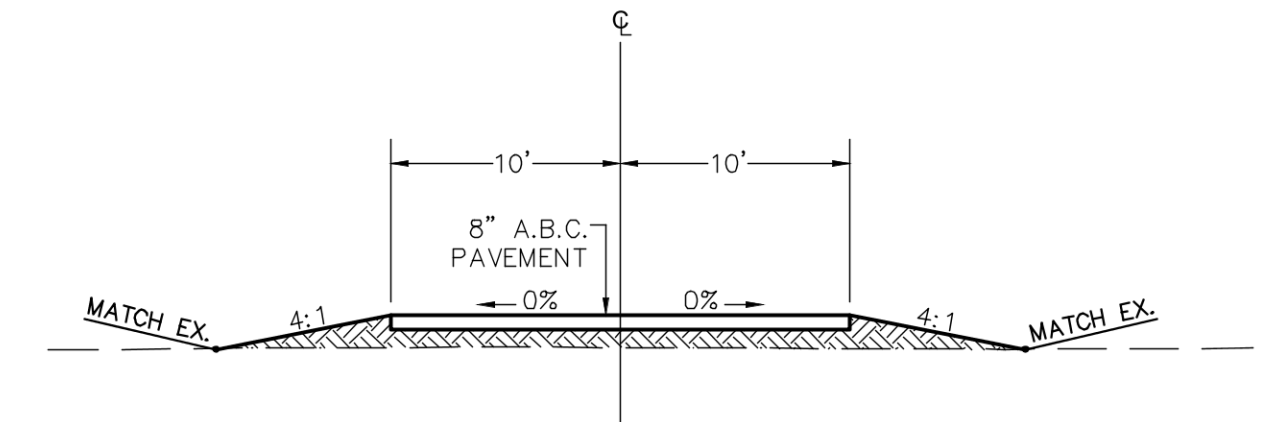
NOTES

- 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



20' ABC ACCESS ROADWAY

F
6

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

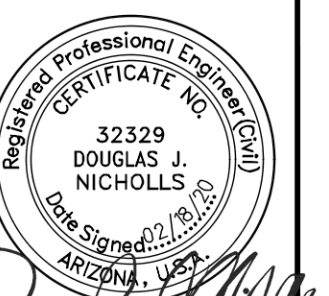
UTILITY DISCLAIMER

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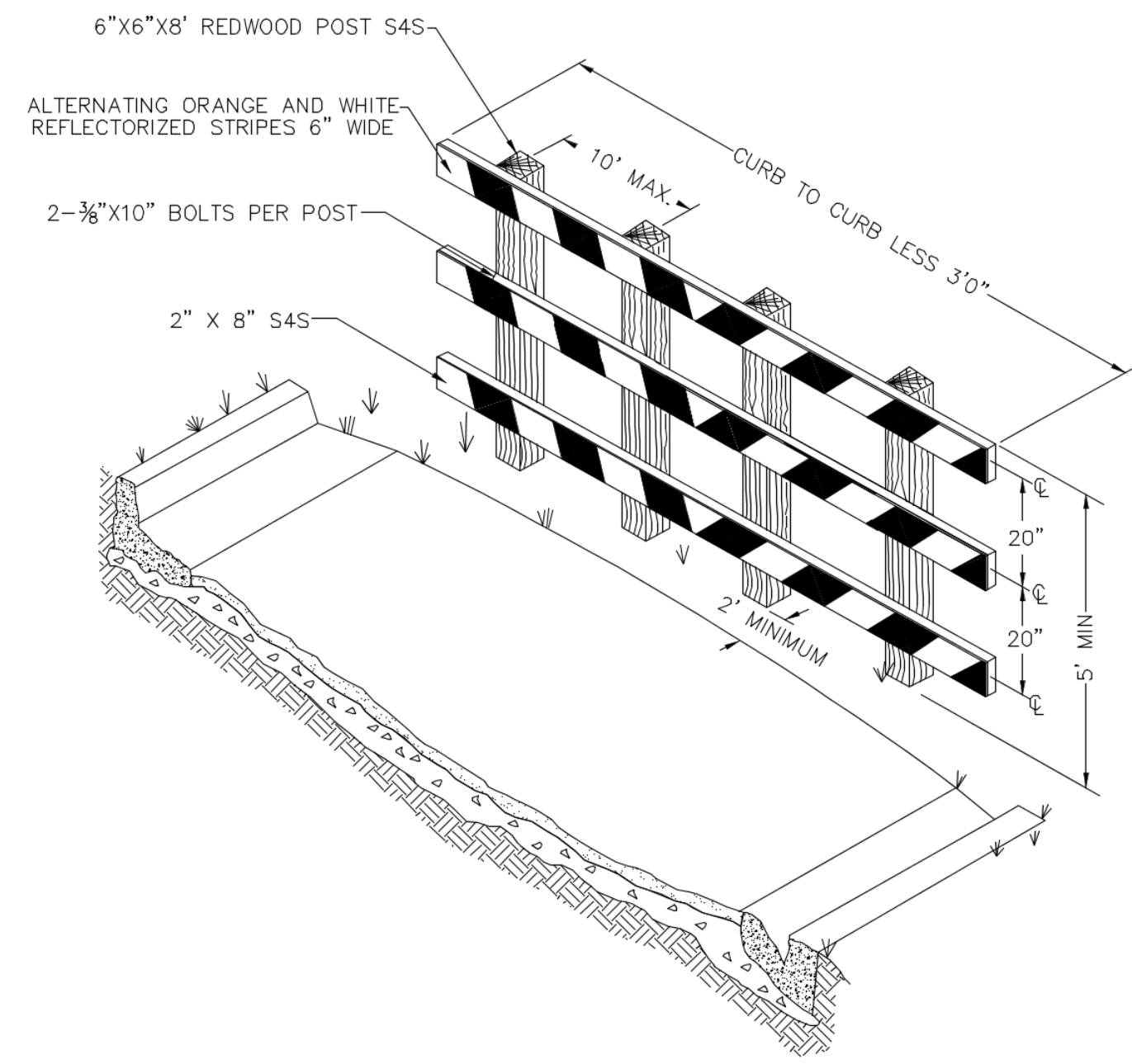
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MAGRINO INDUSTRIAL PARK
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YUMA COUNTY, ARIZONA
PAVING DETAILS



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

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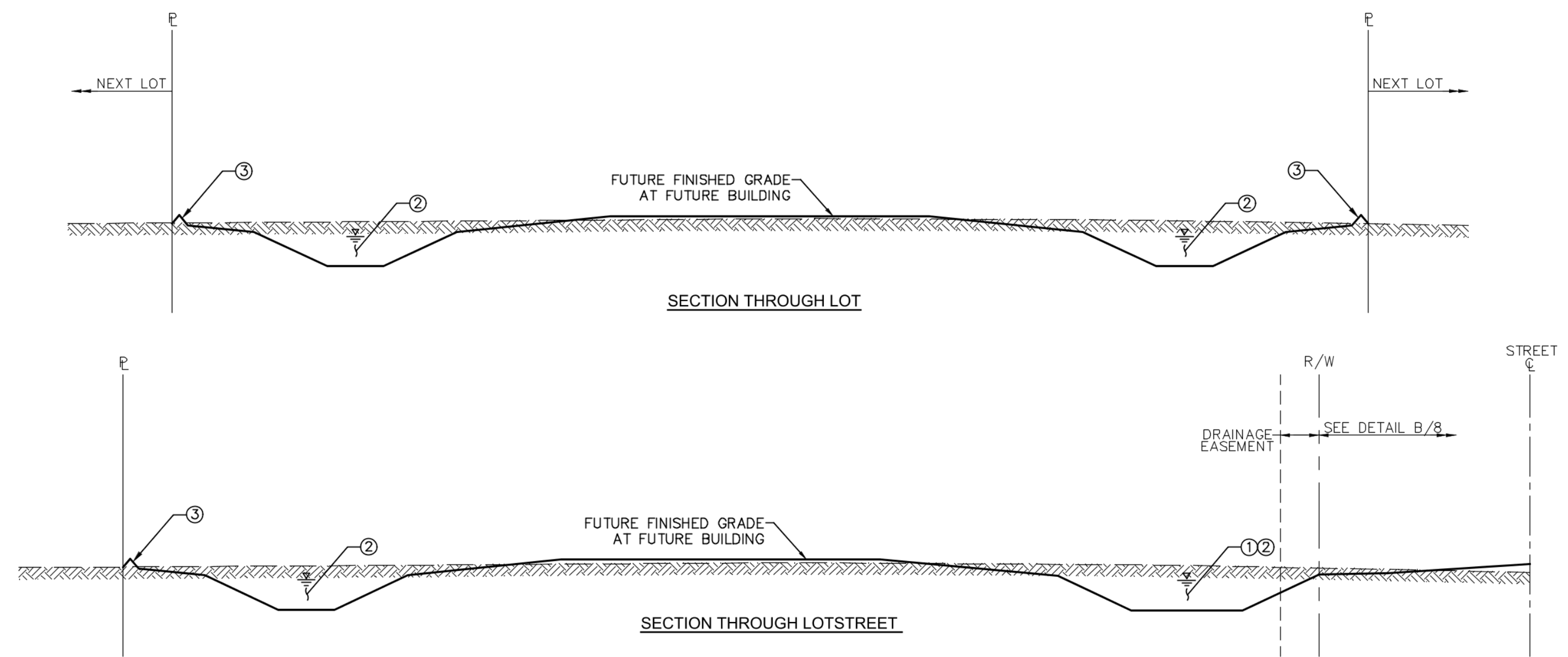
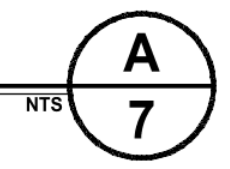


NOTES
 BARRICADE MARKINGS SHALL BE 3M ENGINEER GRADE REFLECTIVE SHEETING ON .080" THICK ALUMINUM SHEET OR EQUAL AS DIRECTED BY PUBLIC WORKS.
 RAIL TIMBER TO BE NO. 1 D.F. S4S AND TO RECEIVE 2 COATS OF OUTSIDE WHITE PAINT ON NON-REFLECTIVE SURFACES. STRIPES SHALL SLOPE TOWARD THE CENTER OF THE PAVEMENT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

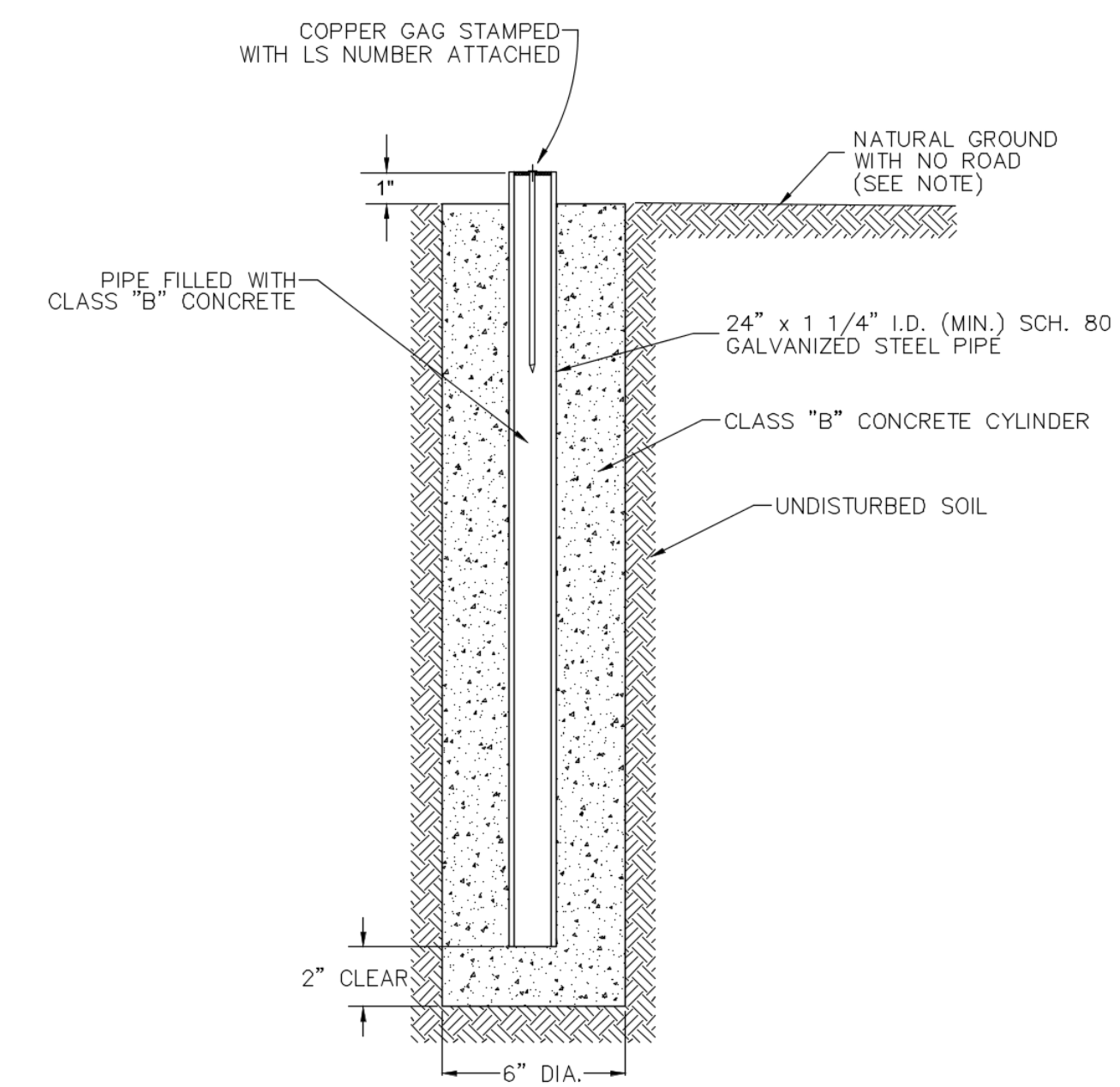
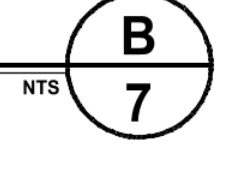
YUMA COUNTY CONSTRUCTION STANDARD DETAIL NO. 3-360



- 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.

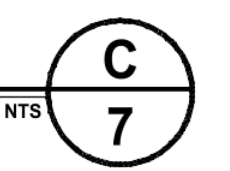
CONCEPTUAL ON-SITE RETENTION AND LOT GRADING DETAIL (BY OTHERS)



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

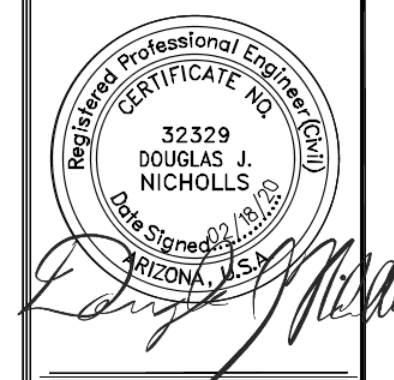
BOUNDARY MONUMENT

YUMA COUNTY CONSTRUCTION STANDARD DETAIL DRAWING NO. 4-030



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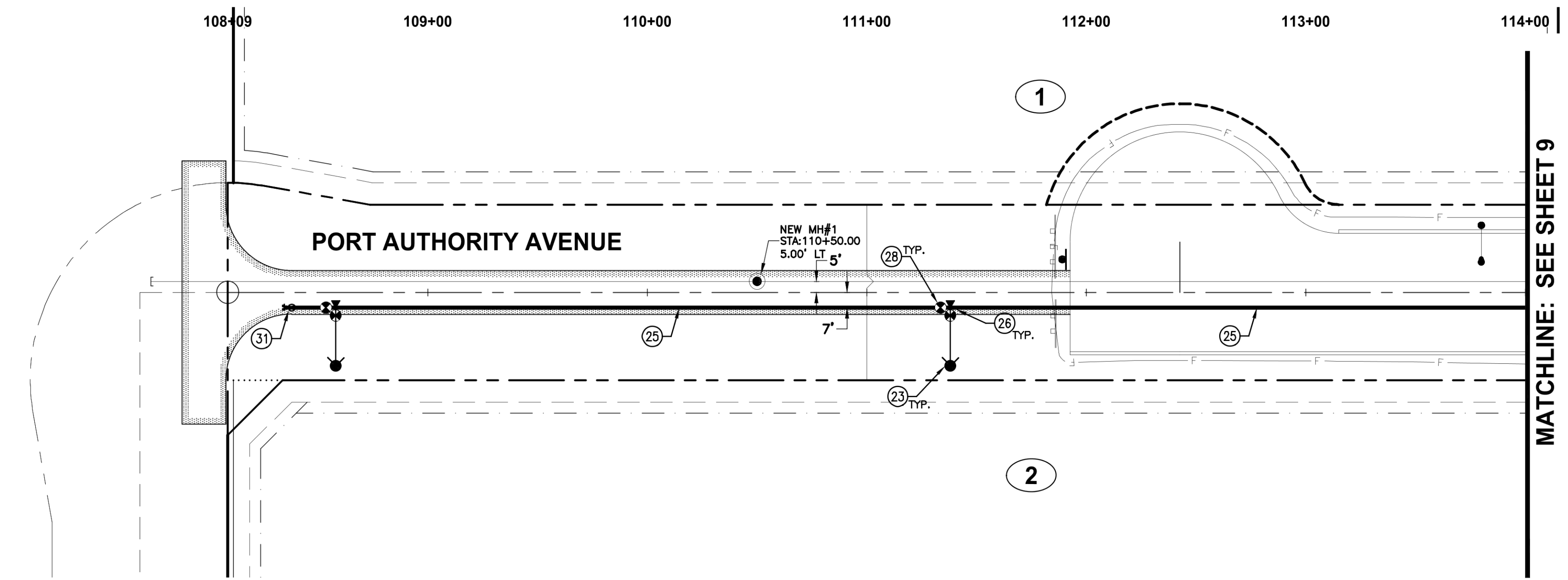
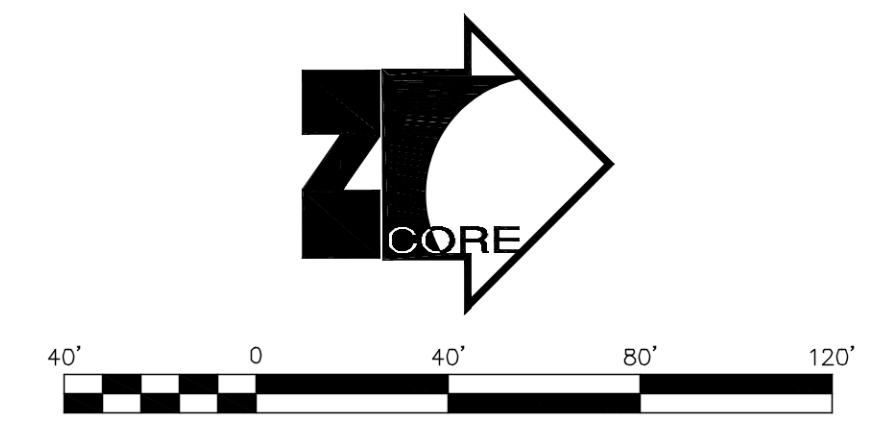
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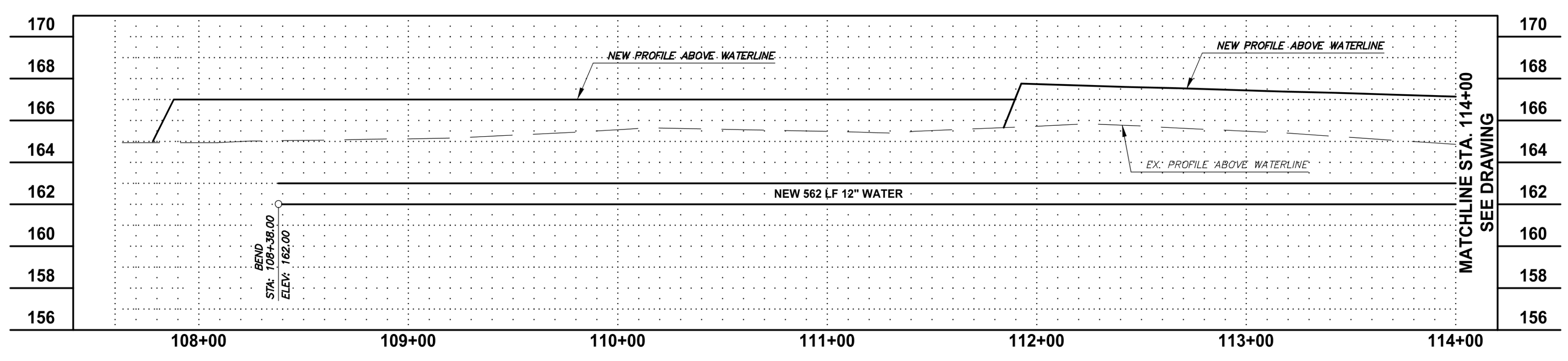
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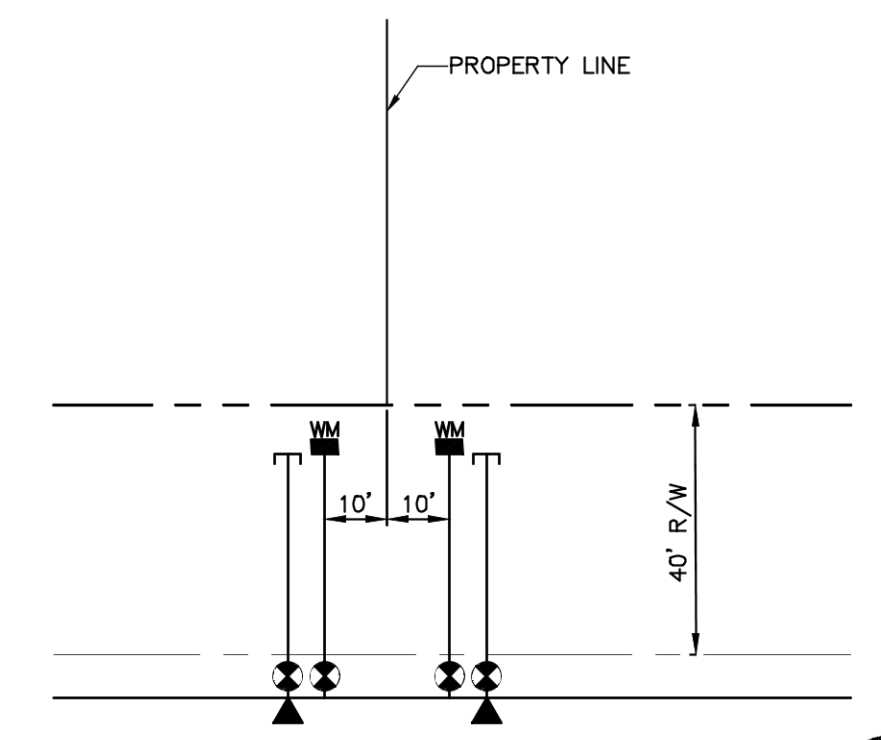
MATCHLINE: SEE SHEET 9



MATCHLINE STA. 114+00
SEE DRAWING

WATER SCHEDULE OF WORK

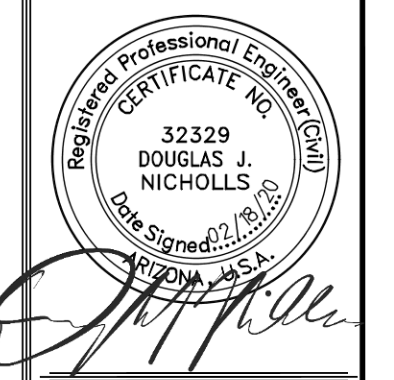
- (20) 12" 45° BEND AND THRUST BLOCK (COST INCLUDED IN WATERLINE) -COY STD NO. 5-020
-COY STD NO. 5-025
- (21) 1" SINGLE WATER SERVICE (COST INCLUDED IN ITEM 22) -COY STD NO. 5-035
-COY STD NO. 5-015
-SEE DETAIL A/8
- (22) 1" SERVICE METER BOX -COY STD NO. 5-055
- (23) 6" FIRE HYDRANT ASSEMBLY AND STREET 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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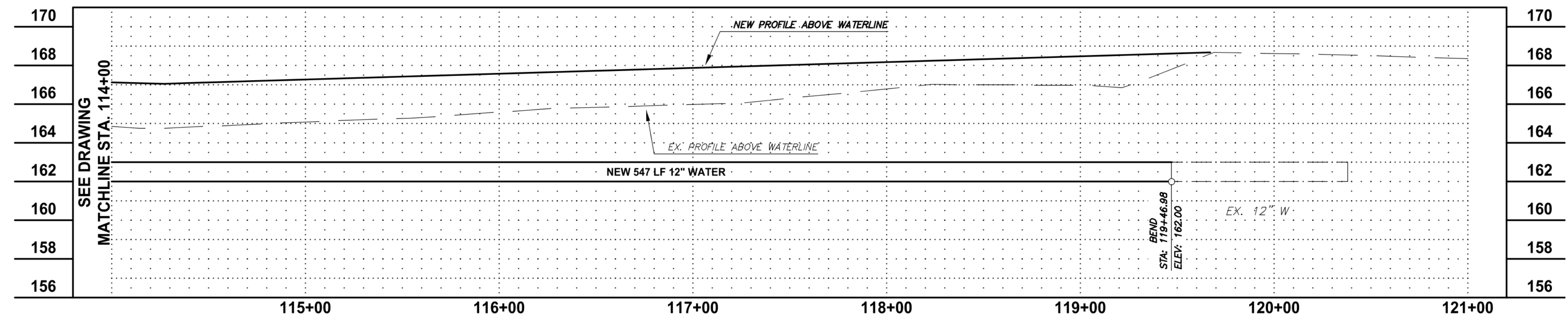
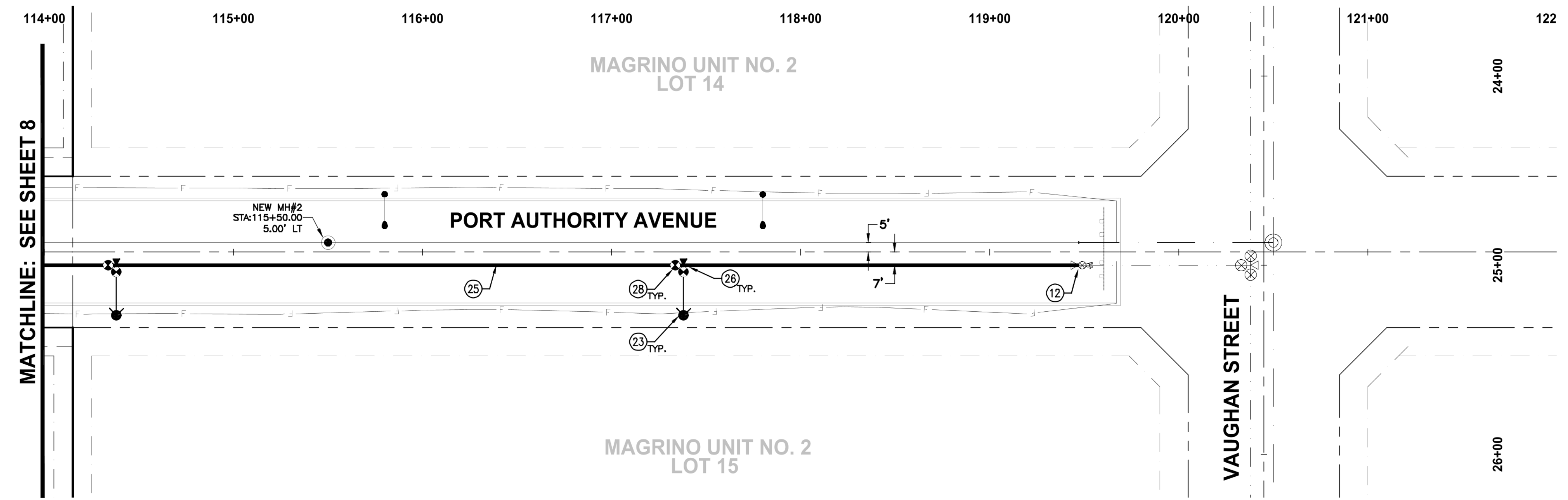
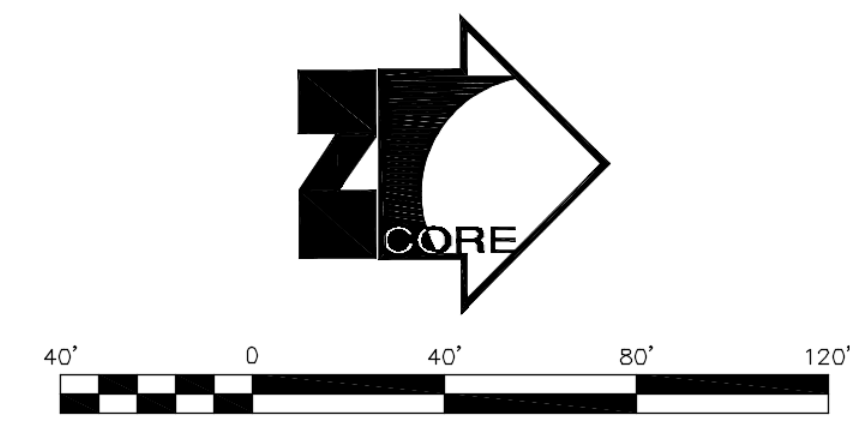
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YUMA COUNTY, ARIZONA
PORT AUTHORITY - WATER PLAN & PROFILE

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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
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-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
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-COY STD NO. 5-075
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-COY STD NO. 5-075
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- 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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Professional Engineer
 CERTIFICATE NO. 32329
 DOUGLAS J. NICHOLLS
 License No. 19-096

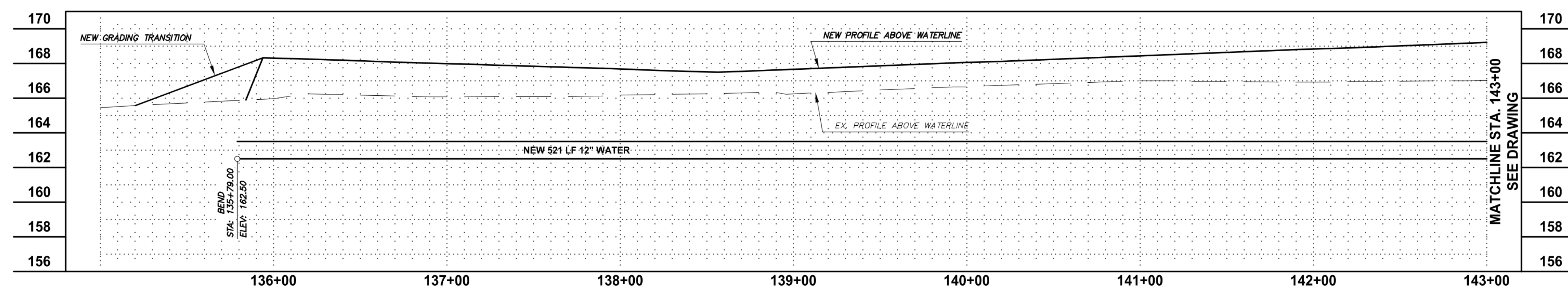
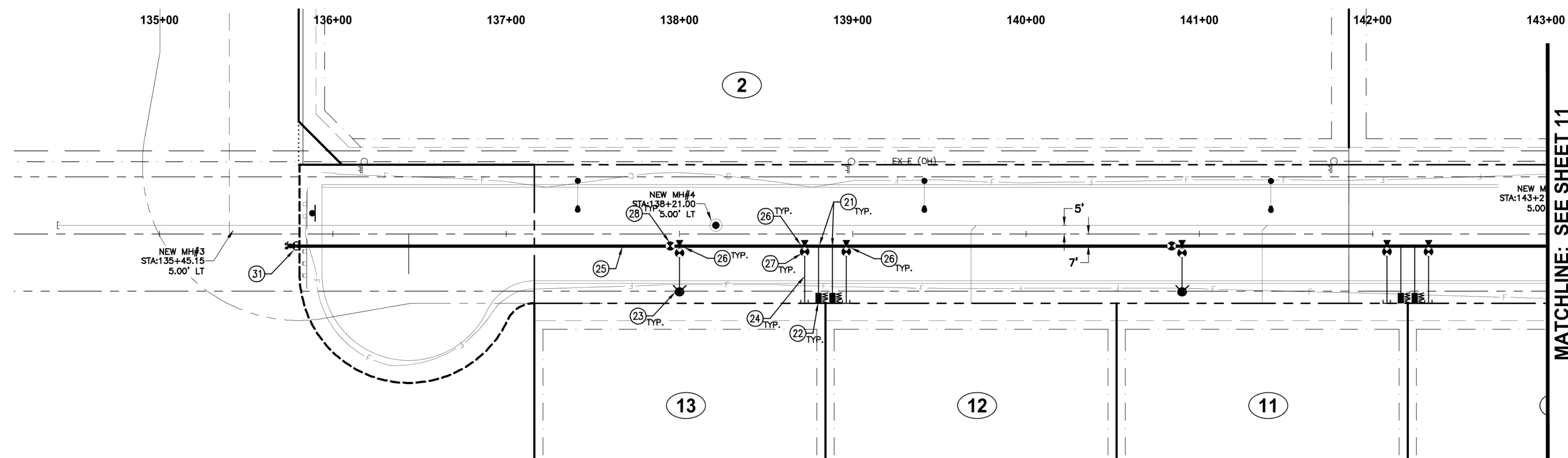
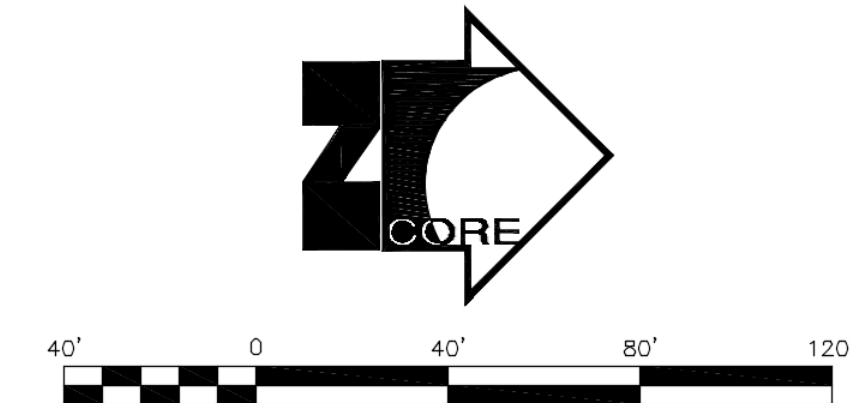
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- 22 1" SERVICE METER BOX -COY STD NO. 5-055
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- 24 6" CLASS 150 C900 PVC WATERLINE -COY STD NO. 5-010
- 25 12" CLASS 150 C900 PVC WATERLINE -COY STD NO. 5-010
- 26 12" X 12" X 6" TEE AND THRUST BLOCK (COST INCLUDED IN WATERLINE) -COY STD NO. 5-025
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- 31 WATERMAIN BLOWOFF -COY STD NO. 5-085

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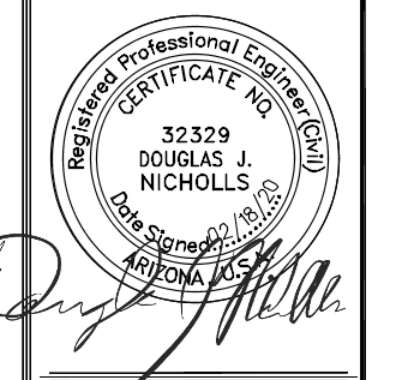
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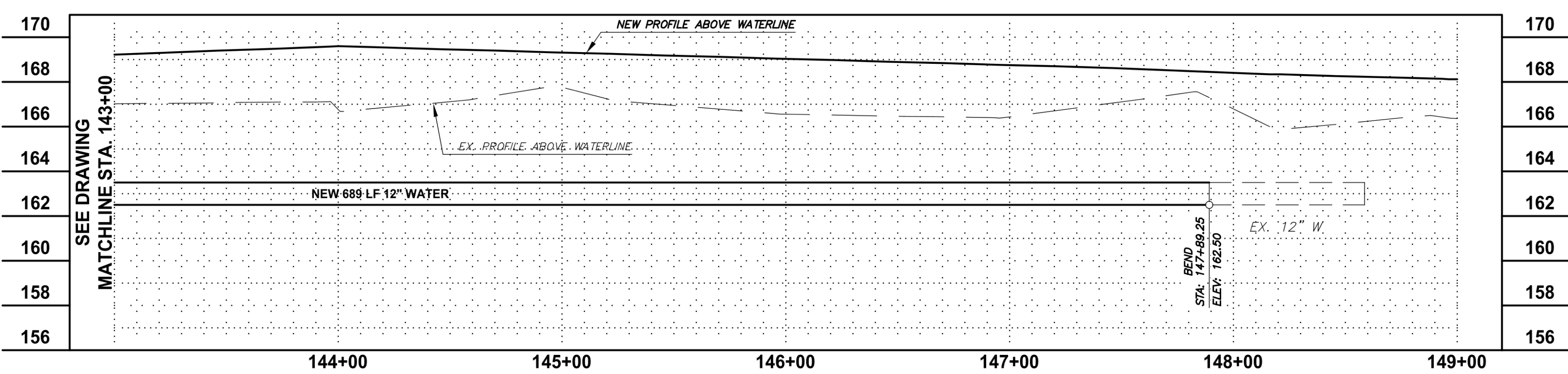
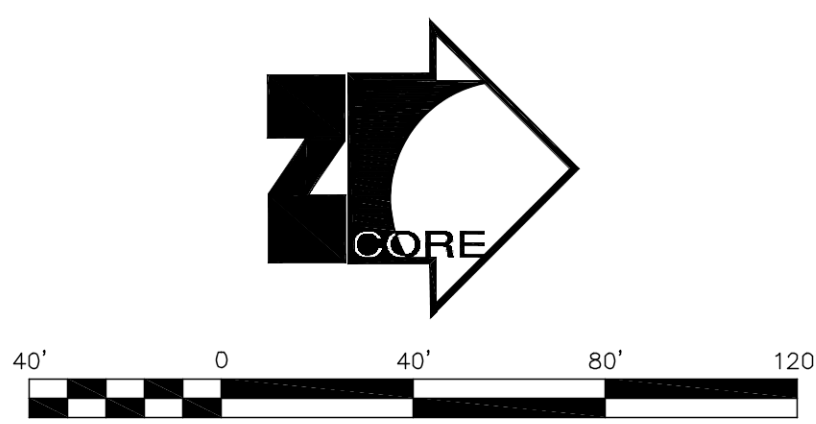
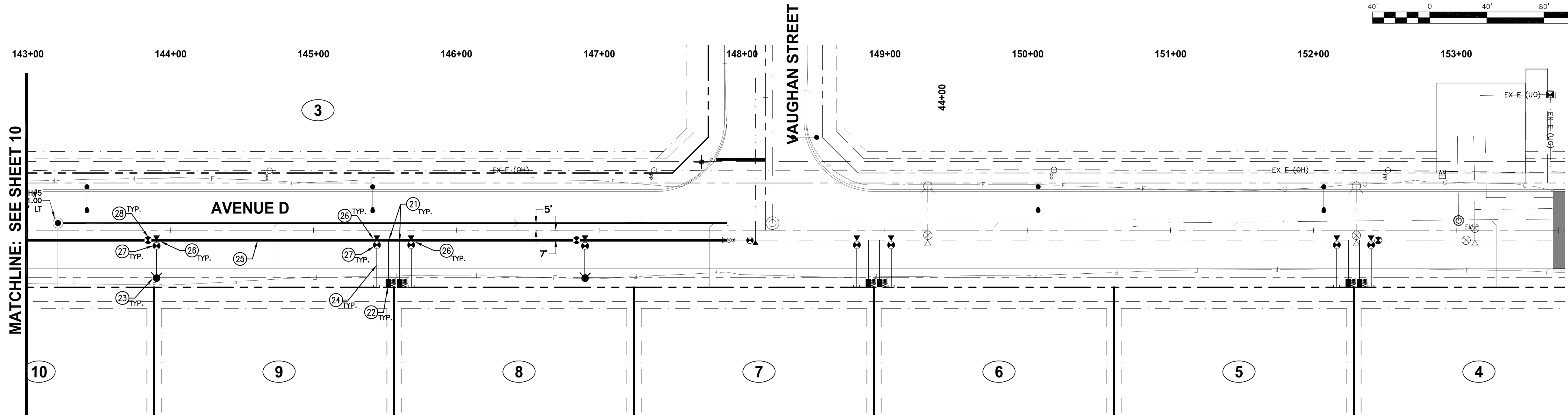
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10
SHEET

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WATER SCHEDULE OF WORK

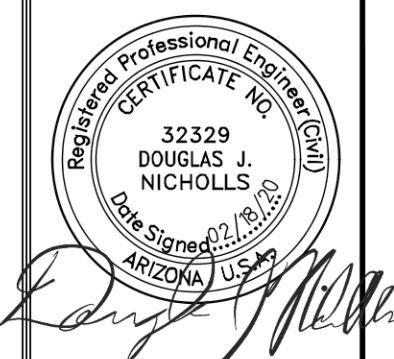
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-COY STD NO. 5-075
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- 30 12" 90° BEND AND THRUST BLOCK (COST INCLUDED IN WATERLINE) -COY STD NO. 5-020
-COY STD NO. 5-025
- 31 WATERMAIN BLOWOFF -COY STD NO. 5-085

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 CITY OF SAN LUIS
 YUMA COUNTY, ARIZONA
 AVE D - WATER PLAN & PROFILE**



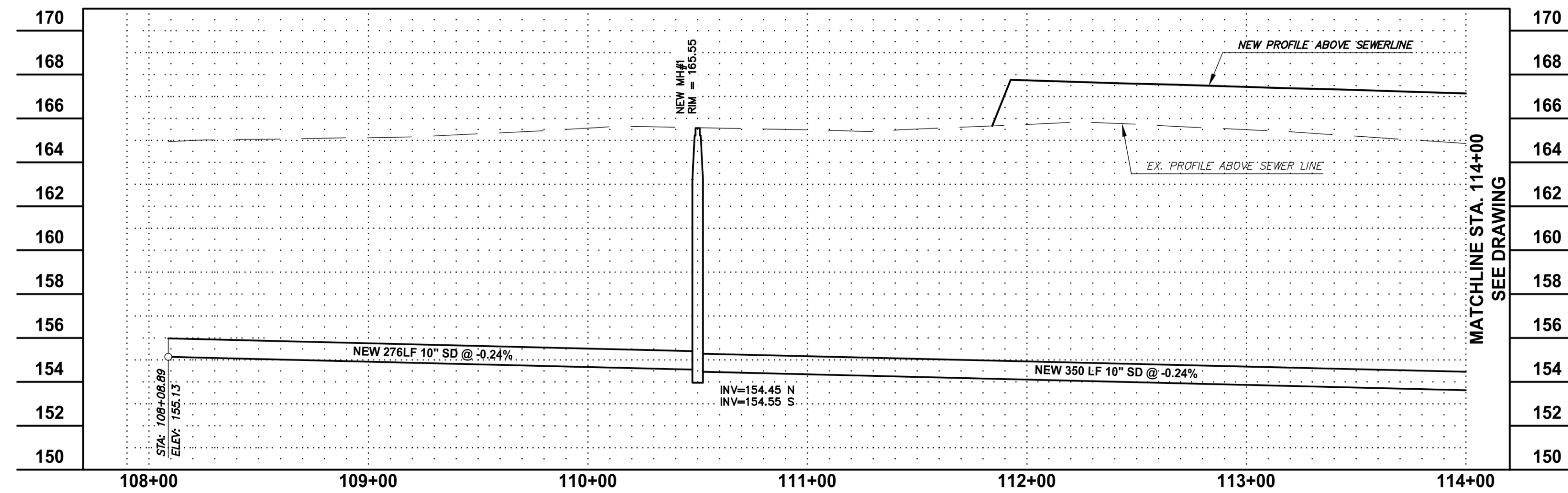
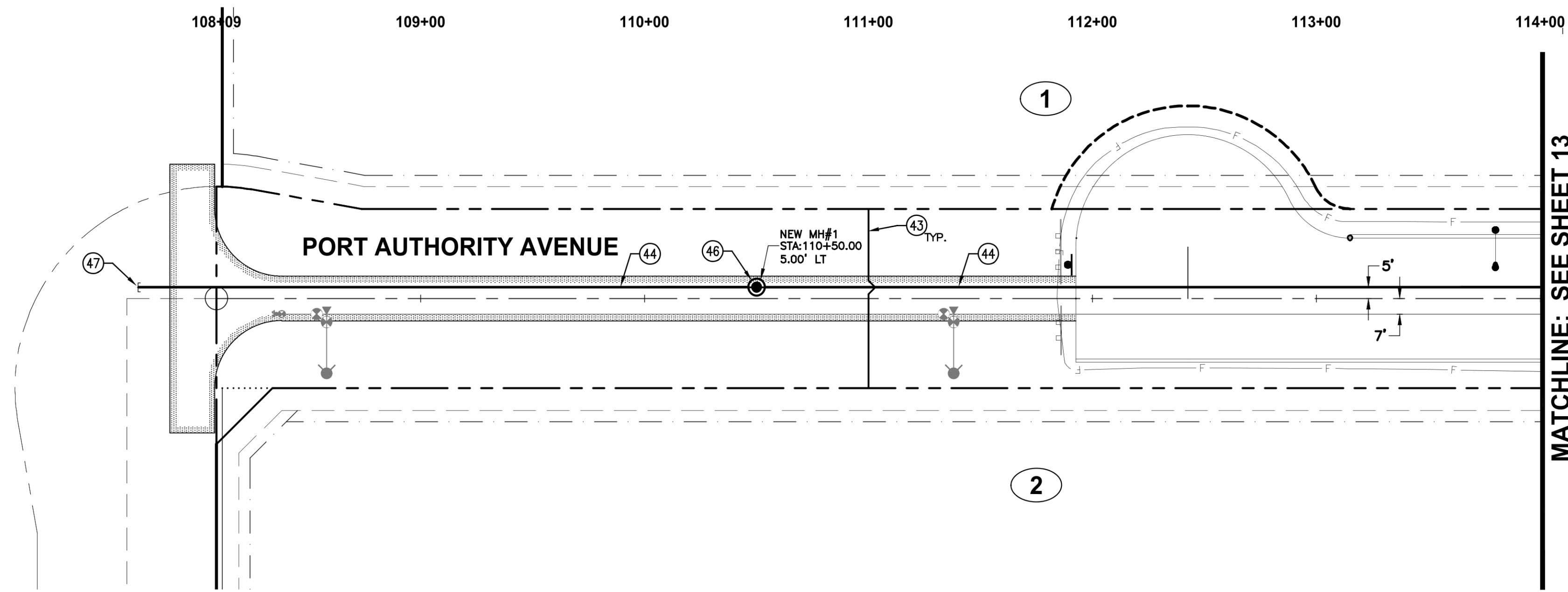
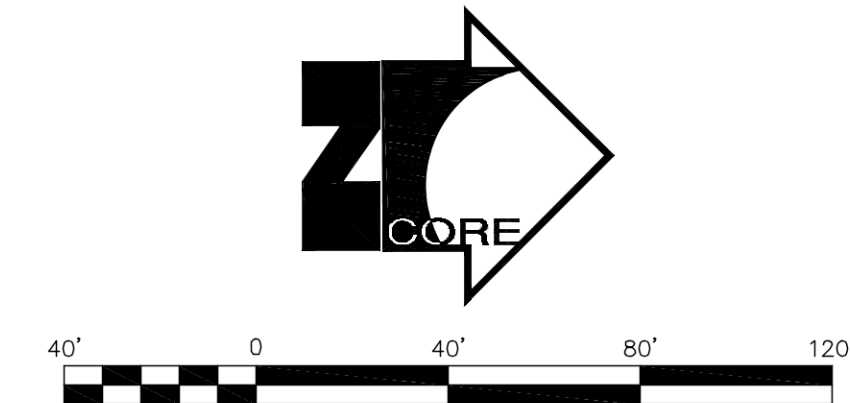
Date: DEC. 2019
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 Checked: D.J.N.
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Tue, 18 Feb 2020 3:38pm, Z:\2019\19-096\Draws\Prelim Plot\19-096 Prelim Plot - Water.dwg, Core Engineering Group, PLLC



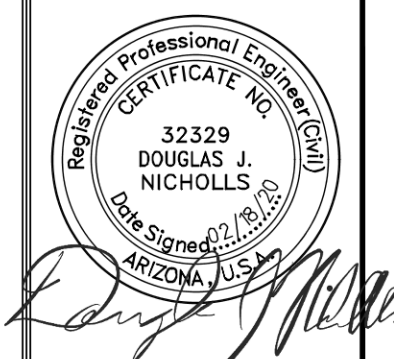
SEWER SCHEDULE OF WORK

- (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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 200 East 16th Street, Suite 150
 Yuma, AZ 85364
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 www.CoreEngineeringGroup.com
 Core@core-e-g.com

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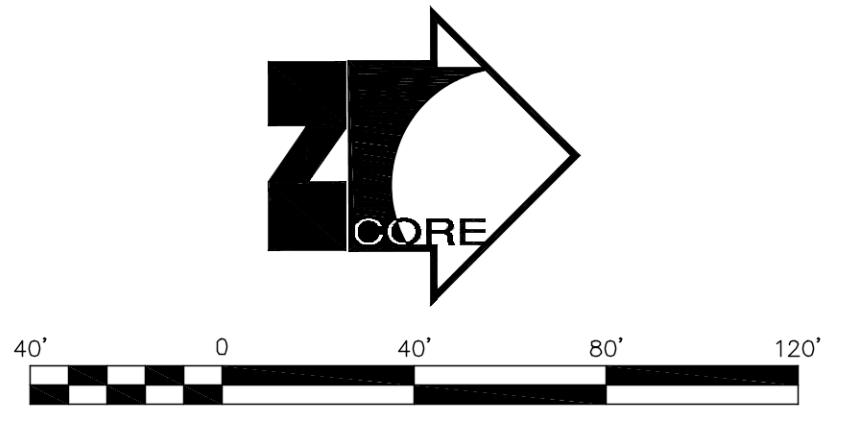
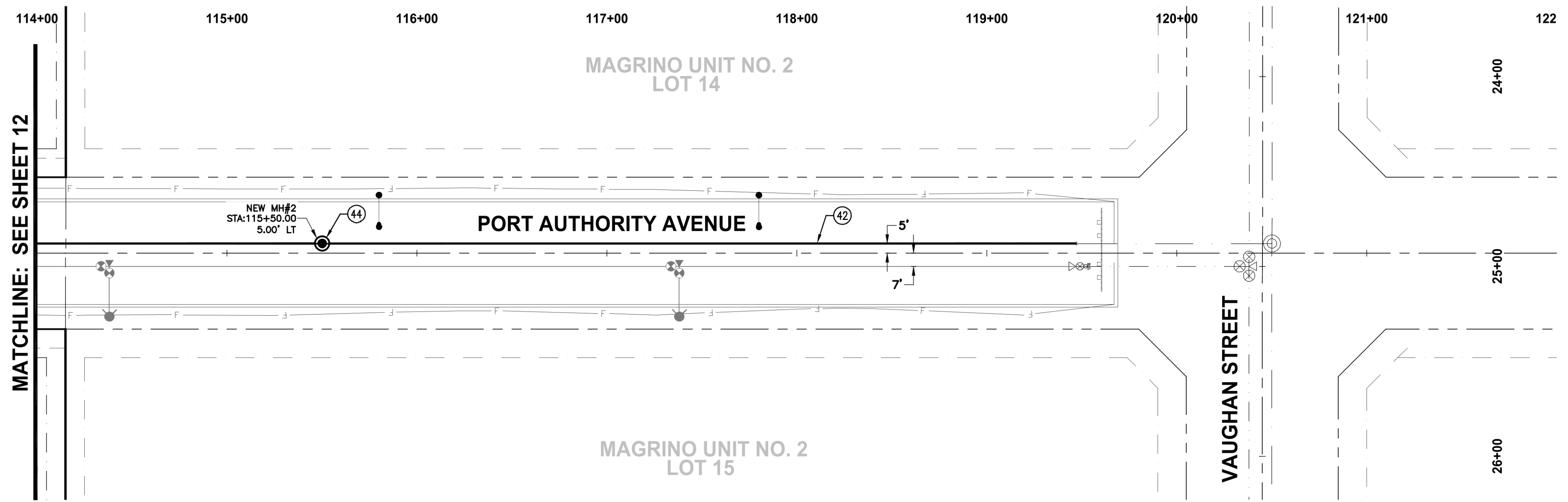
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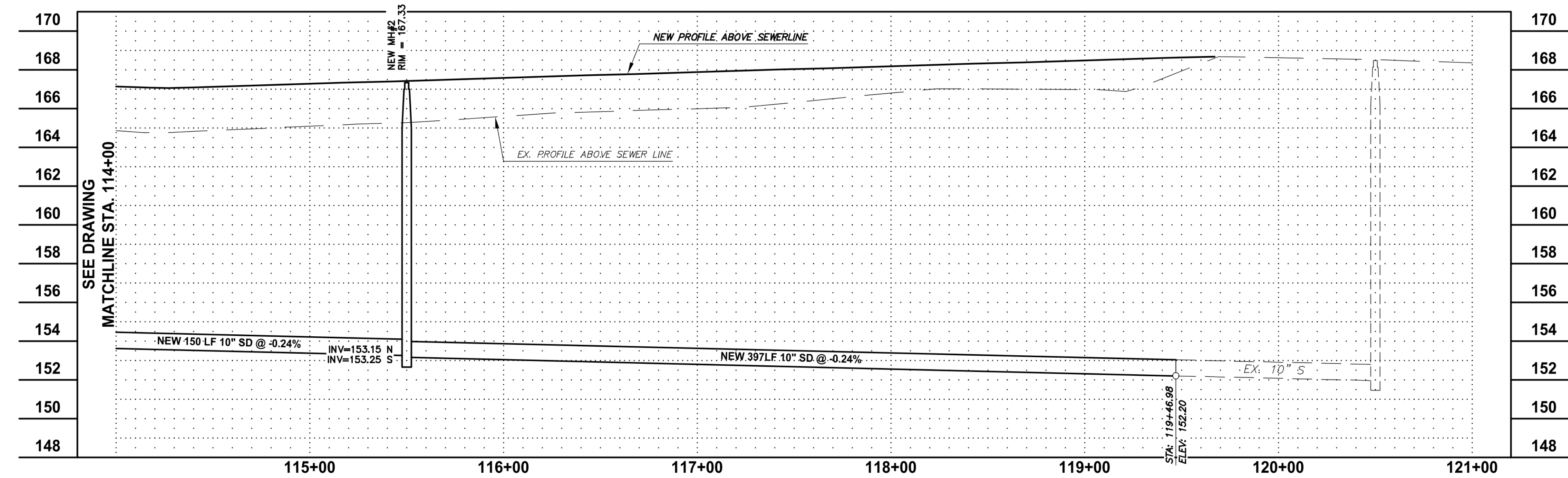
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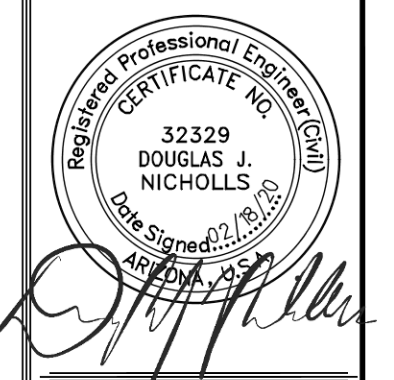
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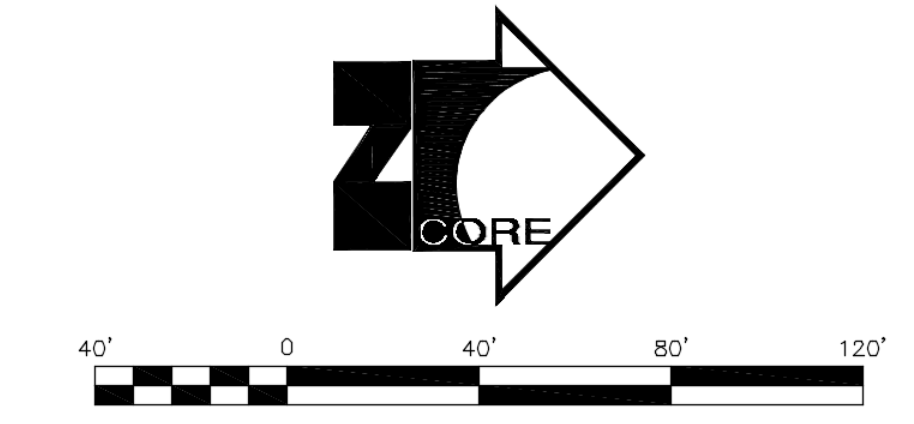
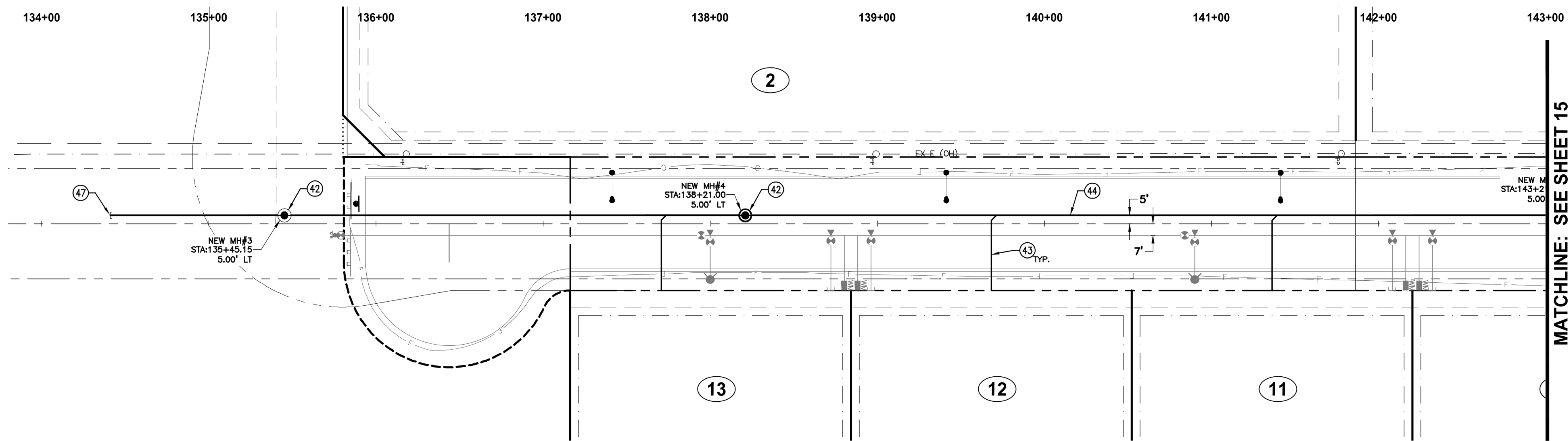
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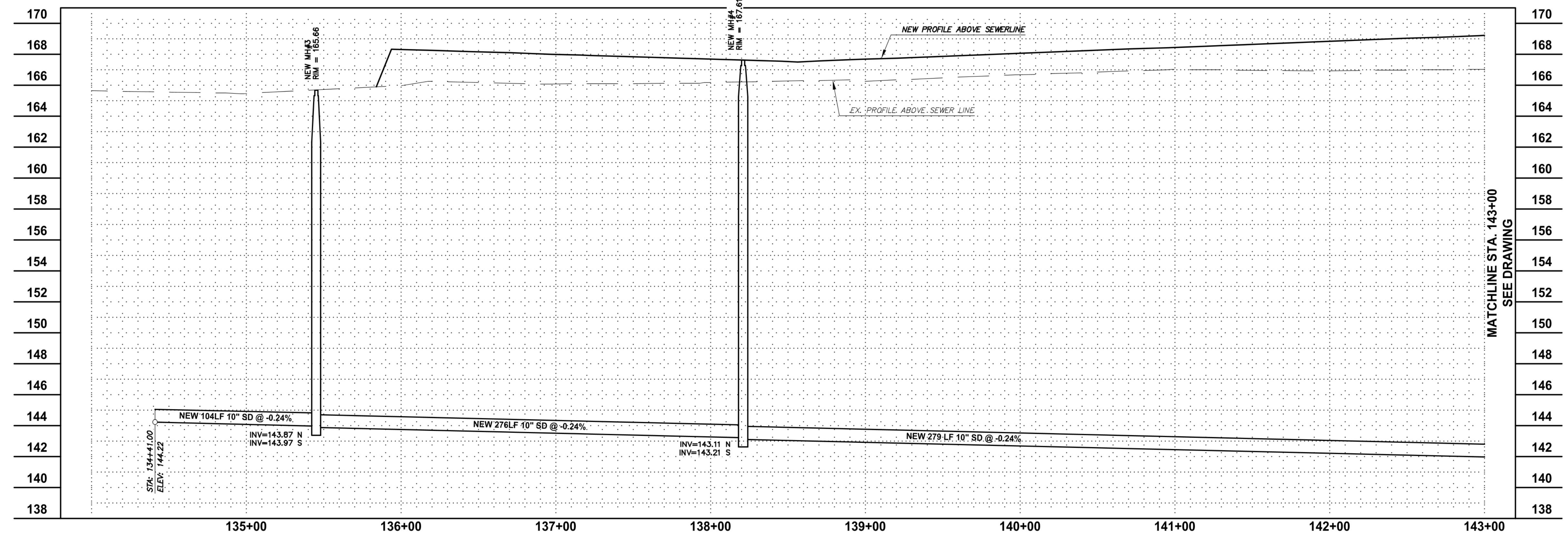
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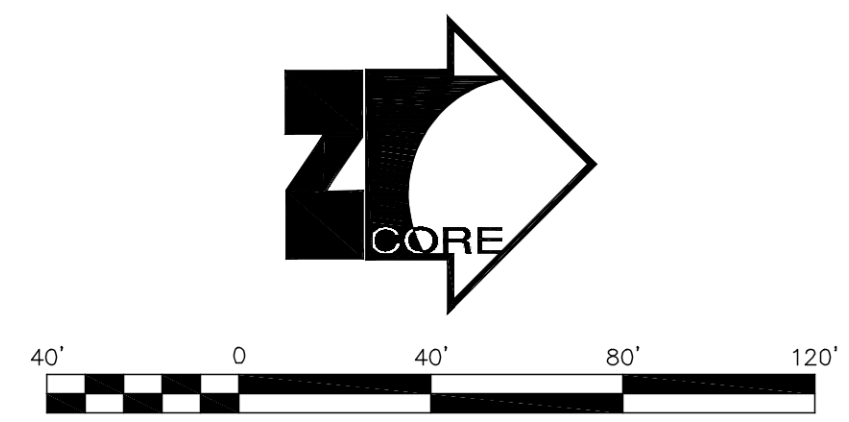
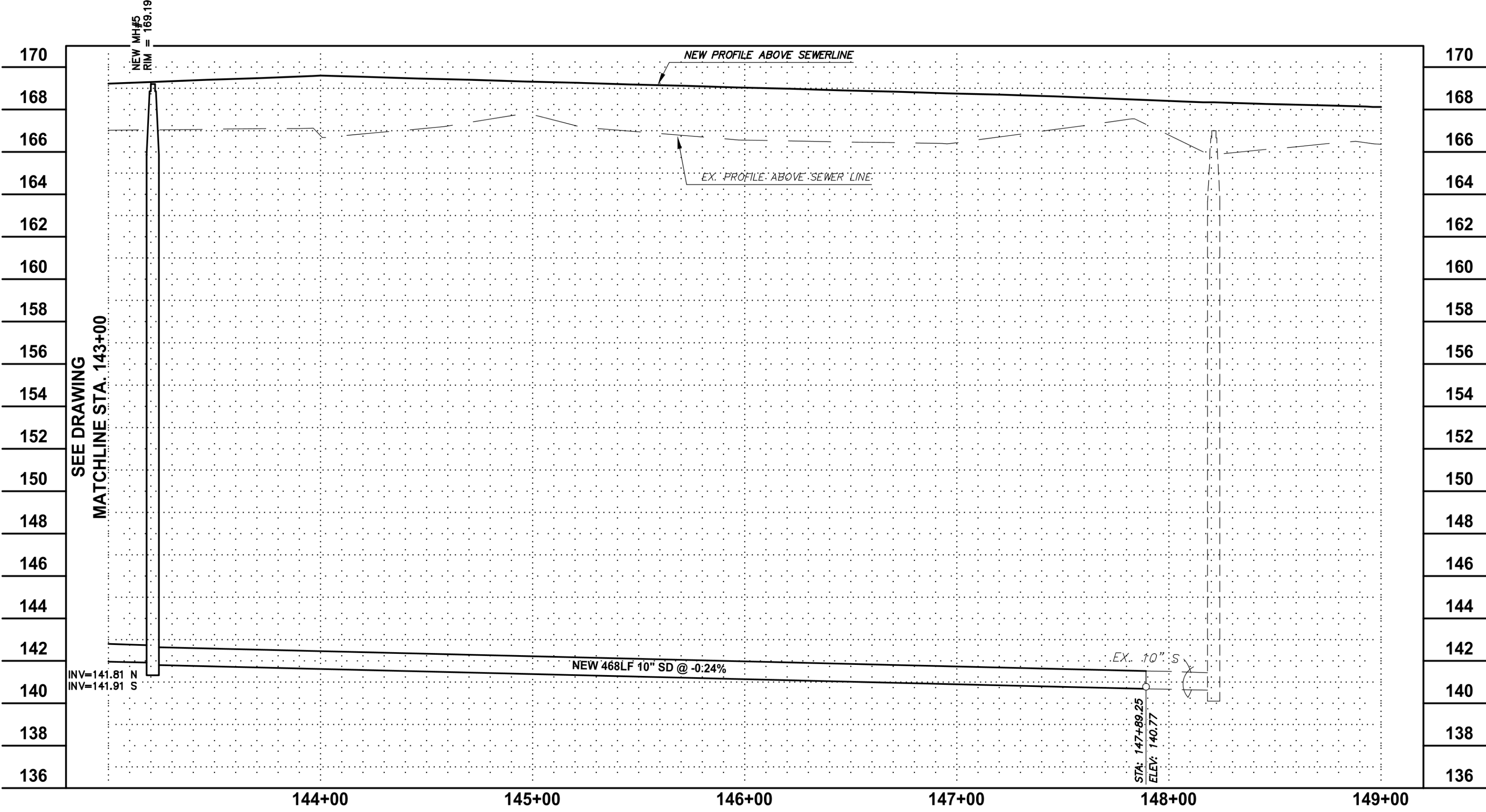
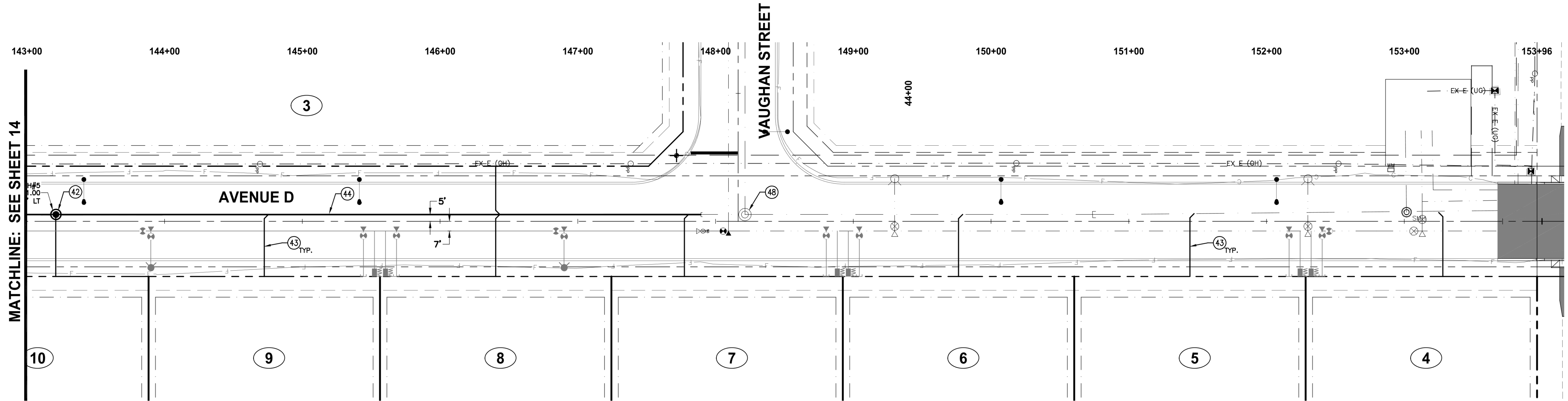
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SHEET

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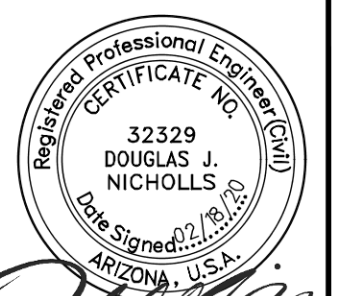


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