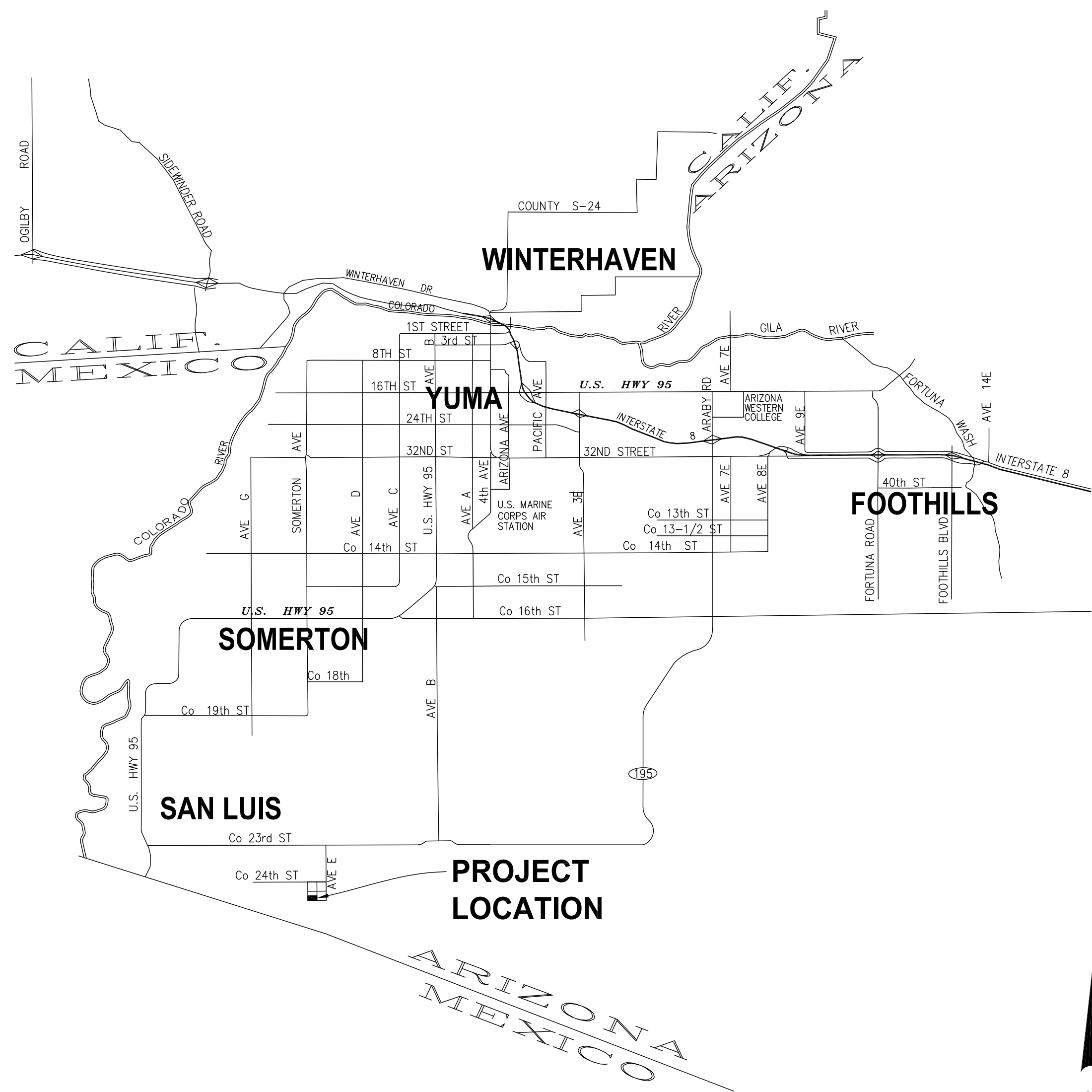
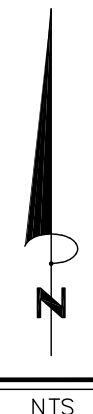


FINAL PLAT BELLEZA DEL DESIERTO UNIT III

A SUBDIVISION OF PARCEL B, FEE #2021-20450, Y.C.R., LOCATED IN THE SOUTH HALF OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 15, TOWNSHIP 11 SOUTH, RANGE 24 WEST, GILA AND SALT RIVER BASE AND MERIDIAN, YUMA COUNTY, ARIZONA
CREATING 86 LOTS



VICINITY MAP



DEDICATION

KNOW ALL MEN BY THESE PRESENTS: THAT BORDER SAM, LLLP, AN ARIZONA LIMITED LIABILITY LIMITED PARTNERSHIP, AS OWNER HAS CAUSED THE FOLLOWING DESCRIBED PROPERTY, A SUBDIVISION OF PARCEL B OF BORDER RANCHES II LOT SPLIT, AS RECORDED IN BOOK 33 OF PLATS, PAGE 6, YUMA COUNTY RECORDER'S OFFICE, YUMA COUNTY, ARIZONA, ALSO BEING A PORTION OF THE NORTHEAST QUARTER OF SECTION 15, TOWNSHIP 11 SOUTH, RANGE 24 WEST, GILA AND SALT RIVER BASE AND MERIDIAN, YUMA COUNTY, ARIZONA AS PLATTED HEREON, TO BE SUBDIVIDED INTO LOTS, STREETS AND TRACT "A" UNDER THE NAME OF "BELLEZA DEL DESIERTO UNIT III" AND HEREBY DECLARES THAT THE ACCOMPANYING PLAT SETS FORTH THE LOCATION AND GIVES THE DIMENSIONS OF THE LOTS, STREETS AND TRACT "A" CONSTITUTING SAID "BELLEZA DEL DESIERTO UNIT III," THAT EACH LOT SHALL BE KNOWN BY THE NUMBER, TRACT BY THE LETTER, AND STREETS BY THE NAME GIVEN EACH RESPECTIVELY ON SAID PLAT; AND THAT BORDER SAM, LLLP, AN ARIZONA LIMITED LIABILITY LIMITED PARTNERSHIP, HEREBY DEDICATES THE STREETS SHOWN HEREON TO THE CITY OF SAN LUIS FOR ITS USE AND BENEFIT, TRACT "A" FOR RETENTION BASIN PURPOSES AND THE EASEMENTS ARE DEDICATED FOR THE USES SHOWN AND DEFINED ON SAID PLAT AND AS SET FORTH IN THE DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS RECORDED CONCURRENTLY HERewith. A THREE-FOOT NON-CONSTRUCTION AND NO OBSTRUCTION EASEMENT FROM THE FURTHEST PROJECTION ON ALL SIDES OF ALL FIRE HYDRANTS; A 12-INCH NON-CONSTRUCTION AND NO OBSTRUCTION EASEMENT AROUND ALL WATER METERS AND A 24-INCH NON-CONSTRUCTION AND NO OBSTRUCTION EASEMENT AROUND ALL STREETLIGHTS IS HEREBY GRANTED.

IN WITNESS WHEREOF: BORDER SAM, LLLP, AN ARIZONA LIMITED LIABILITY LIMITED PARTNERSHIP, HAS CAUSED ITS CORPORATE NAME TO BE SIGNED AND ITS CORPORATE SEAL TO BE AFFIXED AS ATTESTED BY THE SIGNATURE OF DAVID LOO, MANAGING MEMBER OF BORDER SAM, LLLP, AN ARIZONA LIMITED LIABILITY LIMITED PARTNERSHIP, THEREUNTO DULY AUTHORIZED ON THIS

_____ DAY OF _____, 20____.

DAVID LOO, MANAGING MEMBER
BORDER SAM, LLLP

ACKNOWLEDGMENT

STATE OF ARIZONA } SS
COUNTY OF YUMA }
ON THIS _____ DAY OF _____, 2024 BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC, PERSONALLY APPEARED DAVID LOO, MANAGING MEMBER OF BORDER SAM, LLLP, KNOWN TO ME OR SATISFACTORILY PROVEN TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THIS INSTRUMENT AND WHO ACKNOWLEDGED EXECUTION OF THE SAME, IN WITNESS WHEREOF I HERETO SET MY HAND AND OFFICIAL SEAL.

NOTARY PUBLIC _____

MY COMMISSION EXPIRES _____

APPROVED

STATE OF ARIZONA } SS
COUNTY OF YUMA }
THE SUBDIVISION AS PLATTED HEREON HAS BEEN APPROVED BY THE MAYOR AND THE CITY COUNCIL OF THE CITY OF SAN LUIS, ARIZONA.

MAYOR

CITY MANAGER

DIRECTOR OF DEVELOPMENT SERVICES

CITY ENGINEER

CITY PUBLIC WORKS DIRECTOR

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT I AM A LAND SURVEYOR LISTED ON THE ROSTER OF ACTIVE REGISTRANTS BY THE STATE BOARD OF TECHNICAL REGISTRATION OF ARIZONA AND THAT THIS MAP CONSISTING OF TWO (2) SHEETS CORRECTLY REPRESENTS A SURVEY MADE UNDER MY SUPERVISION DURING OCTOBER OF 2023 THAT ALL MONUMENTS SHOWN HEREON ACTUALLY EXISTS AND THEIR POSITIONS ARE CORRECTLY SHOWN, OR WILL BE IN PLACE WITHIN ONE YEAR FROM RECORDATION OF THIS MAP. THE MONUMENTS WILL BE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THE SURVEY IS TRUE AND COMPLETE AS SHOWN. ALL DISTANCES ARE SHOWN IN FEET AND DECIMAL PARTS.



PREPARED BY

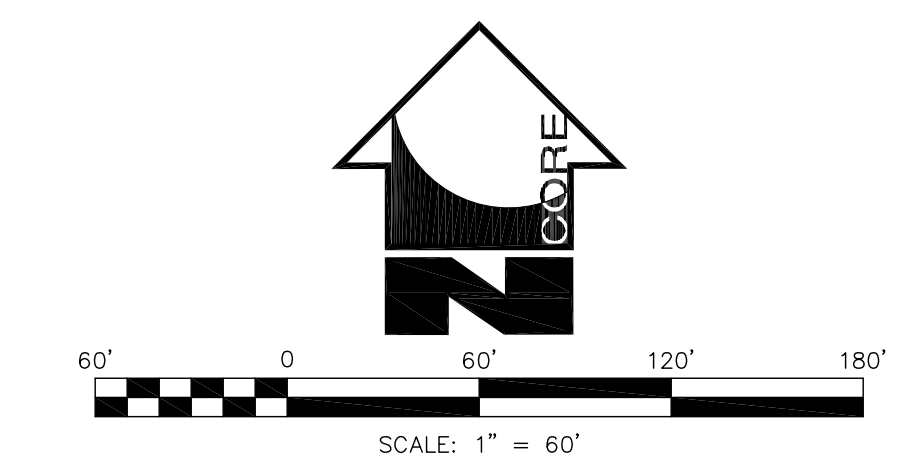
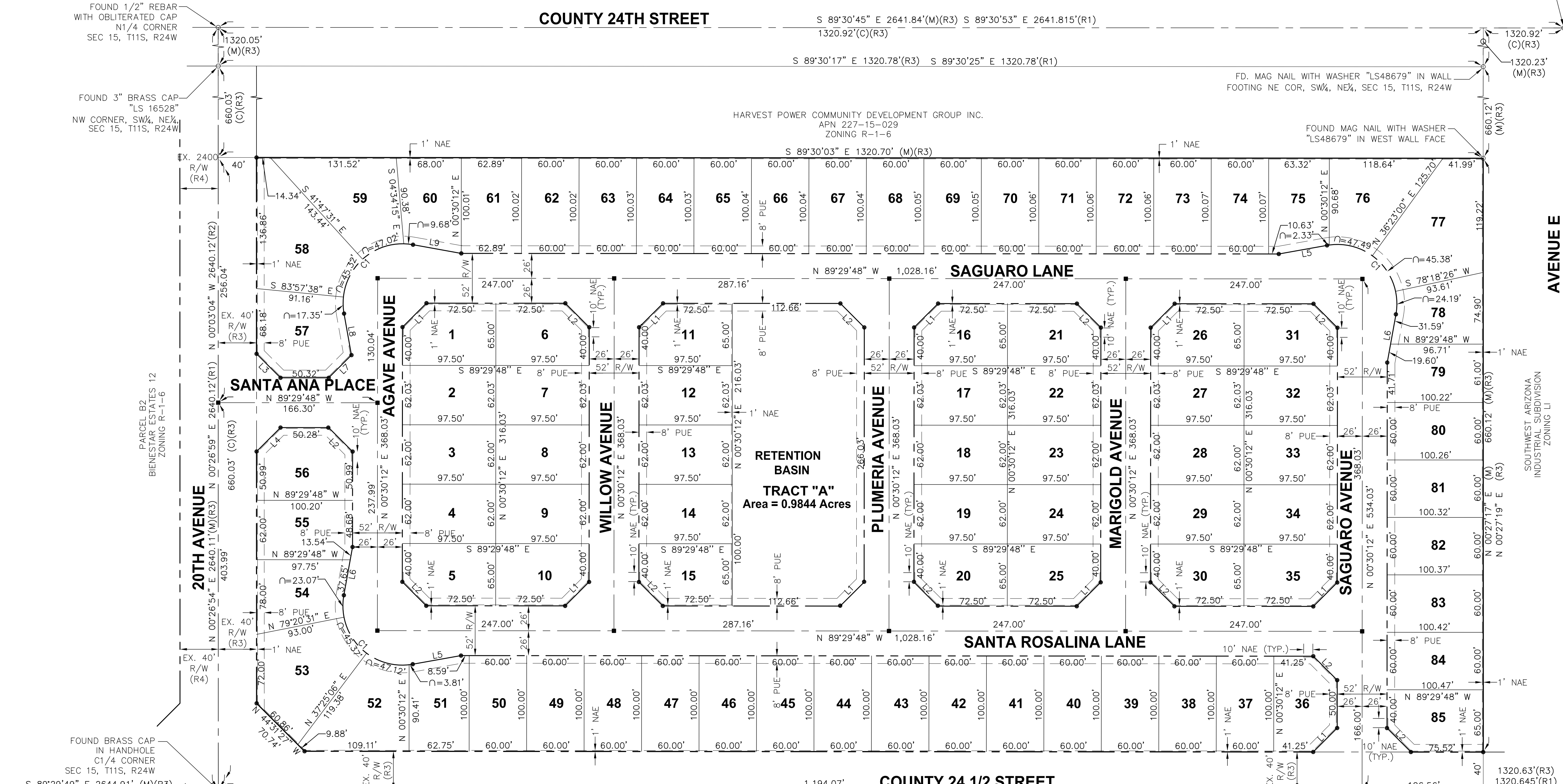
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Core Project No. #23-026



Title: 13_Aug_2024 - 1:26pm - Z:\3020\35-008\map\13_Aug_2024\13-026_Belleza Del Desierto Unit III Final Plat.dwg - Core Engineering Group, PLLC

FINAL PLAT BELLEZA DEL DESIERTO UNIT III

A SUBDIVISION OF PARCEL B, FEE #2021-20450, Y.C.R., LOCATED IN THE SOUTH HALF OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 15, TOWNSHIP 11 SOUTH, RANGE 24 WEST, GILA AND SALT RIVER BASE AND MERIDIAN, YUMA COUNTY, ARIZONA
CREATING 86 LOTS



AREA = 18.2015 ± ACRES

OWNER OF RECORD
APN 227-15-030
 BORDER SAM, LLLP
 10602 S. CAMINO DEL SOL
 YUMA, AZ 85367

CITY OF SAN LUIS ZONING
 APN 227-15-030
 CURRENT ZONING: MEDIUM DENSITY RESIDENTIAL (R1-6)

FLOOD ZONE
 THE SUBJECT PROPERTY LIES WITHIN ZONE "X": AREA OF MINIMAL FLOOD HAZARD, USUALLY DEPICTED ON FIRM AS ABOVE THE 500-YEAR FLOOD LEVEL. ZONE X IS THE AREA DETERMINED TO BE OUTSIDE THE 500-YEAR FLOOD AND PROTECTED BY LEVEE FROM 100-YEAR FLOOD PER FEMA SOURCE 0402702155E DATED 8-28-2008.

BASIS OF BEARINGS
 THE EAST LINE OF THE NORTHEAST QUARTER OF SECTION 15, T11S, R24W, G.&S.R.M., YUMA COUNTY, ARIZONA (THIS LINE BEING THE CENTERLINE OF AVENUE E) AS SHOWN PER SOUTHWEST ARIZONA INDUSTRIAL SUBDIVISION-PHASE 1 AS RECORDED IN AMENDED PLAT AT BOOK 31 OF PLATS PAGES 49 & 50, FEE #2020-06982, Y.C.R.
 NAMELY: N 00°27'40" E

LEGEND

- CENTERLINE
- - - EXISTING RIGHT-OF-WAY
- - - EXISTING PROPERTY LINE
- NEW PROPERTY LINE
- FOUND MONUMENT
- FOUND 1/2" REBAR W/CAP "LS48679"
- ◆ SET 1/2" REBAR W/CAP "LS48679" (UNLESS NOTED OTHERWISE)
- SET NEW BRASS CAP PER C.O.Y. STD. NO. 4-030
- (M) MEASURED
- (R1) PER SOUTHWEST ARIZONA INDUSTRIAL SUBDIVISION - PHASE 1 AS RECORDED IN AMENDED PLAT AT BOOK 31 OF PLATS PAGES 49 & 50, FEE #2020-06982, Y.C.R.
- (R2) RECORDED PER BIENSTAR ESTATES 10 AS RECORDED IN BOOK 31 OF PLATS PAGE 21, FEE #2019-27117, Y.C.R.
- (R3) RECORDED PER BORDER RANCHES II LOT SPLIT AS RECORDED IN BOOK 33 OF PLATS PAGE 6, FEE #2021-20450, Y.C.R.
- (R4) RECORDED PER BIENSTAR ESTATES 12 LOT SPLIT AS RECORDED IN BOOK 34 OF PLATS PAGE 7, FEE #2022-20681, Y.C.R.
- (C) CALCULATED DATA
- R/W RIGHT-OF-WAY
- Y.C.R. YUMA COUNTY RECORDS
- YUMA COUNTY ASSESSOR: BOOK-MAP-PARCEL NUMBER
- ARC LENGTH

CURVE DATA

CURVE	RADIUS	DELTA	LENGTH
C1	62.00'	110°19'02"	119.37'

LINE DATA

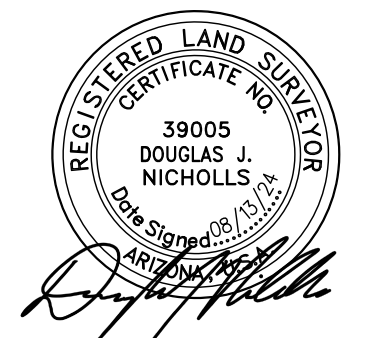
LINE	DIST. (FT)	BEARING
L1	35.36	N 45°30'12" E
L2	35.36	S 44°29'48" E
L3	35.37	S 44°31'27" E
L4	35.34	N 45°28'33" E
L5	51.19	S 80°20'41" W
L6	51.19	N 10°39'42" E
L7	33.58	S 48°30'12" W
L8	44.05	S 09°39'19" E
L9	51.19	N 79°20'18" W

OPEN SPACE CALCULATIONS

OPEN SPACE REQUIRED
 OS_R = 5% OF PROJECT AREA
 PROJECT AREA = 18.2015 Acres OR 792,857 Sq.Ft.
 OS_R = (0.05)*(792,857) = 39,643 Sq.Ft.

OPEN SPACE PROVIDED
 OS_P = RET. BASIN AREA = 0.9844 Acres OR 42,880 Sq.Ft.

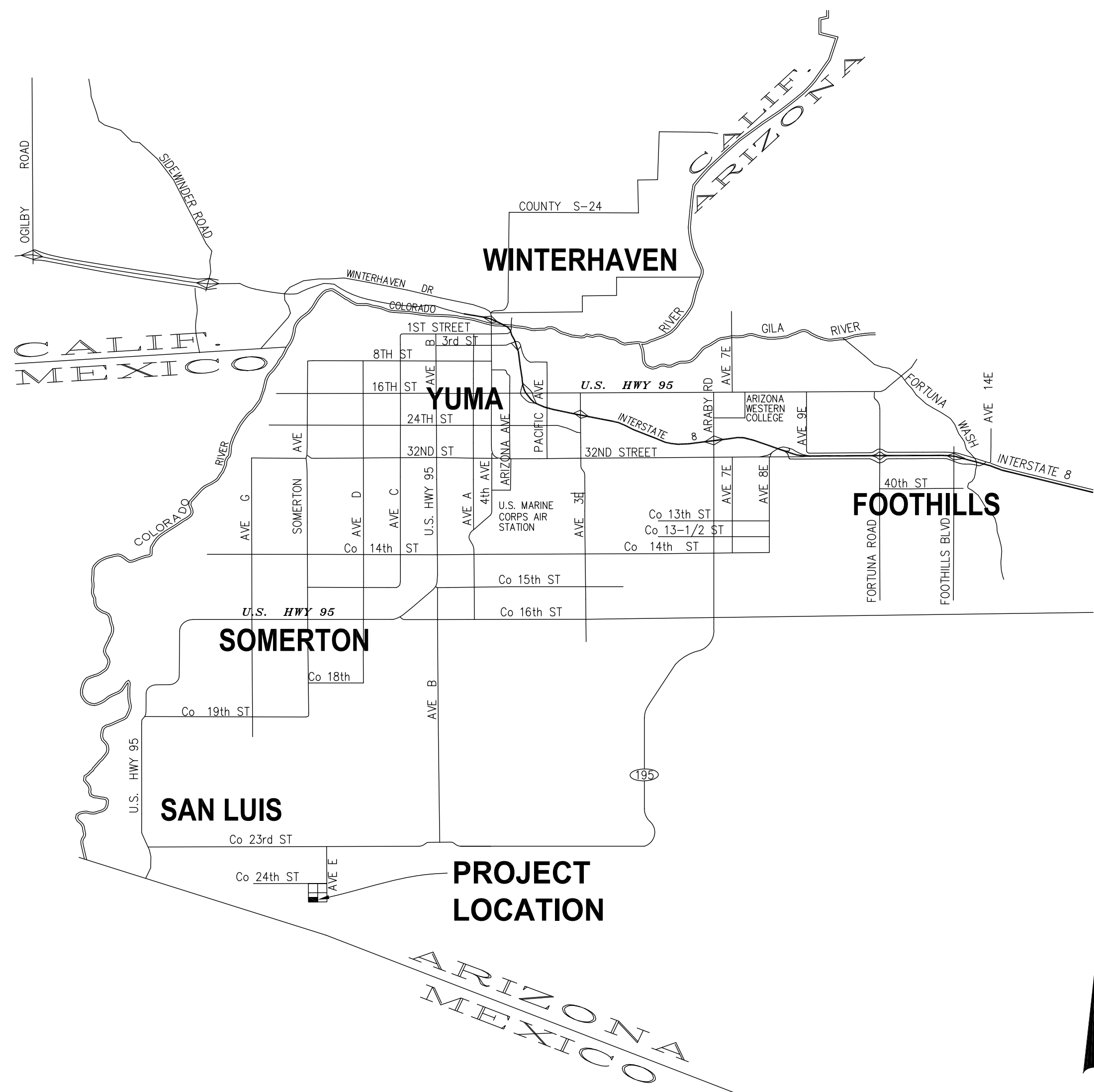
LOT AREA													
LOT#	AREA SF	LOT#	AREA SF	LOT#	AREA SF	LOT#	AREA SF	LOT#	AREA SF	LOT#	AREA SF	LOT#	AREA SF
1	6,025	12	6,048	23	6,025	34	6,045	45	6,000	56	6,992	67	6,002
2	6,048	13	6,045	24	6,045	35	6,025	46	6,000	57	7,863	68	6,003
3	6,045	14	6,045	25	6,025	36	6,000	47	6,000	58	10,101	69	6,003
4	6,045	15	6,025	26	6,025	37	6,000	48	6,000	59	8,841	70	6,003
5	6,025	16	6,025	27	6,048	38	6,000	49	6,000	60	6,041	71	6,003
6	6,025	17	6,048	28	6,045	39	6,000	50	6,000	61	6,290	72	6,004
7	6,048	18	6,045	29	6,045	40	6,000	51	6,012	62	6,201	73	6,004
8	6,045	19	6,045	30	6,025	41	6,000	52	8,043	63	6,001	74	6,004
9	6,045	20	6,025	31	6,048	42	6,000	53	9,534	64	6,002	75	6,088
10	6,025	21	6,045	32	6,025	43	6,000	54	6,395	65	6,002	76	7,941
11	6,025	22	6,048	33	6,045	44	6,000	55	6,195	66	6,002	77	10,854



PREPARED BY
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 Core Project No. #23-026

FINAL PLAT BELLEZA DEL DESIERTO UNIT III

A SUBDIVISION OF PARCEL B, FEE #2021-20450, Y.C.R., LOCATED IN THE SOUTH HALF OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 15, TOWNSHIP 11 SOUTH, RANGE 24 WEST, GILA AND SALT RIVER BASE AND MERIDIAN, YUMA COUNTY, ARIZONA
CREATING 86 LOTS



VICINITY MAP



INDEX

COVER SHEET	C0.0
PAVING AND GRADING PLAN	C1.0
TYPICAL STREET SECTIONS	C1.1
WATER AND SEWER PLAN	C2.0
WATER PLAN AND PROFILE	C2.1
WATER PLAN AND PROFILE	C2.2
SEWER PLAN AND PROFILE	C2.3
SEWER PLAN AND PROFILE	C2.4
SEWER PLAN AND PROFILE	C2.5
SEWER PLAN AND PROFILE	C2.6
PAVEMENT MARKING PLAN	C3.0
PAVEMENT MARKING PLAN	C3.1
SWPPP PLAN	C4.0
SWPPP DETAILS	C4.1

OWNER OF RECORD APN 227-15-030

BORDER SAM, LLLP
10602 S. CAMINO DEL SOL
YUMA, AZ 85367

BASIS OF BEARINGS

THE EAST LINE OF THE NORTHEAST QUARTER OF SECTION 15, T11S, R24W, G.&S.R.M. YUMA COUNTY, ARIZONA (THIS LINE BEING THE CENTERLINE OF AVENUE E) AS SHOWN PER SOUTHWEST ARIZONA INDUSTRIAL SUBDIVISION—PHASE 1 AS RECORDED IN AMENDED PLAT AT BOOK 31 OF PLATS PAGES 49 & 50, FEE #2020-06982, Y.C.R.

NAMELY: N 00°27'40" E

BENCHMARK

PROJECT ELEVATIONS ARE BASED ON A NATIONAL GEODETIC SURVEY (NGS) ONLINE POSITIONING USER SYSTEM (OPUS) SOLUTION AND REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988).

LEGEND

	FOUND SURVEY MONUMENT AS NOTED	FFE	FINISHED FLOOR ELEVATION
	CENTER / SECTIONAL LINE		EXISTING GROUND ELEVATION
	NEW PROPERTY LINE		EXISTING CURB ELEVATION
	EXISTING LOT LINE		EXISTING GUTTER ELEVATION
	EXISTING RIGHT-OF-WAY LINE		EXISTING EDGE OF PAVEMENT ELEVATION
	EXISTING WATER LINE		NEW CURB ELEVATION
	EXISTING SEWER LINE		NEW ASPHALT ELEVATION
	NEW BORDER CURB		NEW FLOW WAY ELEVATION
	NEW CONCRETE		NEW GRADE BREAK
	NEW ASPHALT		NEW LOT NUMBER
	NEW SIGN	33	
	NEW STREET NAME AND STOP SIGN	(M)	MEASURED DATA
	NEW LIGHT POLE	(C)	CALCULATED DATA
	NEW BARRICADE	Y.C.R.	YUMA COUNTY RECORDS
	EXISTING BARRICADE	APN 777-53-000	YUMA COUNTY ASSESSORS
	EXISTING VALVE		
	EXISTING SLOPE		
	NEW SLOPE		
	RIGHT-OF-WAY		

GENERAL CONSTRUCTION NOTES

- ALL MATERIAL AND CONSTRUCTION HEREON SHALL CONFORM TO CITY OF SAN LUIS STANDARD DETAILS (CITY OF YUMA STANDARD DETAILS, MAG SPECIFICATIONS, AND CITY OF SAN LUIS SUPPLEMENTS).
- THE LOCATION OF UTILITIES IS APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. UTILITIES SHOWN HERE ARE FOR THE PURPOSE OF ASSISTING THE CONTRACTOR IN LOCATING SAID UTILITIES. THE CONTRACTOR IN ACCORDANCE WITH ARIZONA REVISED STATUTES SHALL CONTACT THE ARIZONA BLUE STAKE CENTER (1-800-782-5348) AT LEAST 48 HOURS MINIMUM PRIOR TO THE BEGINNING OF CONSTRUCTION AND OBTAIN ON-SITE UTILITIES LOCATIONS. CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND SHALL BE RESOLVED PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DAMAGE TO A UTILITY LINE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- ALL CITY REQUIRED COMPACTION AND LABORATORY TESTS SHALL BE FURNISHED BY THE CONTRACTOR TO THE CITY PRIOR TO ACCEPTANCE OF THE PROJECT.
- THE CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FOR TWO YEARS AFTER THE FINAL ACCEPTANCE. ANY DEFECTIVE MATERIAL OR WORKMANSHIP SHALL BE REPLACED AND/OR REPAIRED PRIOR TO FINAL ACCEPTANCE.
- ALL ROAD SURFACES, EASEMENTS, OR RIGHT-OF-WAYS DISTURBED BY CONSTRUCTION OF ANY PART OF THESE IMPROVEMENTS ARE TO BE RESTORED COMPLETELY BY THE CONTRACTOR TO THE BEFORE CONSTRUCTION CONDITION OR BETTER.
- DURING CONSTRUCTION, THE DEVELOPER/OWNER IS SOLELY RESPONSIBLE FOR INSURING THE PROPER FUNCTIONING OF THE EROSION AND SEDIMENT CONTROL MEASURES. THE DEVELOPER/OWNER SHALL TAKE WHATEVER MEASURES ARE REQUIRED TO INSURE THAT NO SEDIMENT LEAVES THE SITE.
- REFER TO SHEET 2 OF 2 OF THE FINAL PLAT FOR ALL CORRECT DIMENSIONS.
- SEE SUBDIVISION PLAT FOR ALL BOUNDARY INFORMATION AND DIMENSIONS: DO NOT SCALE.
- ALL MATERIALS AND CONSTRUCTION HEREON SHALL CONFORM TO CITY OF SAN LUIS STANDARDS (CITY OF YUMA STANDARD DETAILS, MAG SPECIFICATIONS, CITY OF SAN LUIS SUPPLEMENT), AS ADOPTED BY THE CITY OF SAN LUIS STANDARD SPECIFICATIONS AND CONSTRUCTION STANDARDS UNLESS OTHERWISE SHOWN ON THESE PLANS.
- THE ENGINEER MAKES NO REPRESENTATION OR GUARANTEE REGARDING EARTHWORK QUANTITIES OR THAT THE EARTHWORK FOR THIS PROJECT WILL BALANCE DUE TO VARIOUS FIELD CONDITIONS, CHANGING SOIL TYPES, ALLOWABLE CONSTRUCTION TOLERANCES AND CONSTRUCTION METHODS THAT ARE BEYOND THE CONTROL OF THE ENGINEER.
- NO STREET, WATER, SEWER AND IMPROVEMENTS TO BE ACCEPTED BY THE CITY OF SAN LUIS FOR MAINTENANCE UNTIL "AS-BUILT" CERTIFIED REPRODUCIBLE PLANS ARE FILED WITH AND ACCEPTED BY THE CITY OF SAN LUIS PUBLIC WORKS DEPARTMENT.
- CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH LOCAL, STATE, AND FEDERAL SWPPP REQUIREMENTS AND BMP'S.

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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BELLEZA DEL DESIERTO UNIT III
SUBDIVISION OF THE SOUTH HALF, SOUTHEAST QUARTER,
SECTION 15, TOWNSHIP 11 SOUTH, RANGE 24 WEST
COVER SHEET



Date: APRIL, 2024
Designed: J.R.K.
Drawn: J.R.K.
Checked: D.J.N.
Proj. No.: 23-026

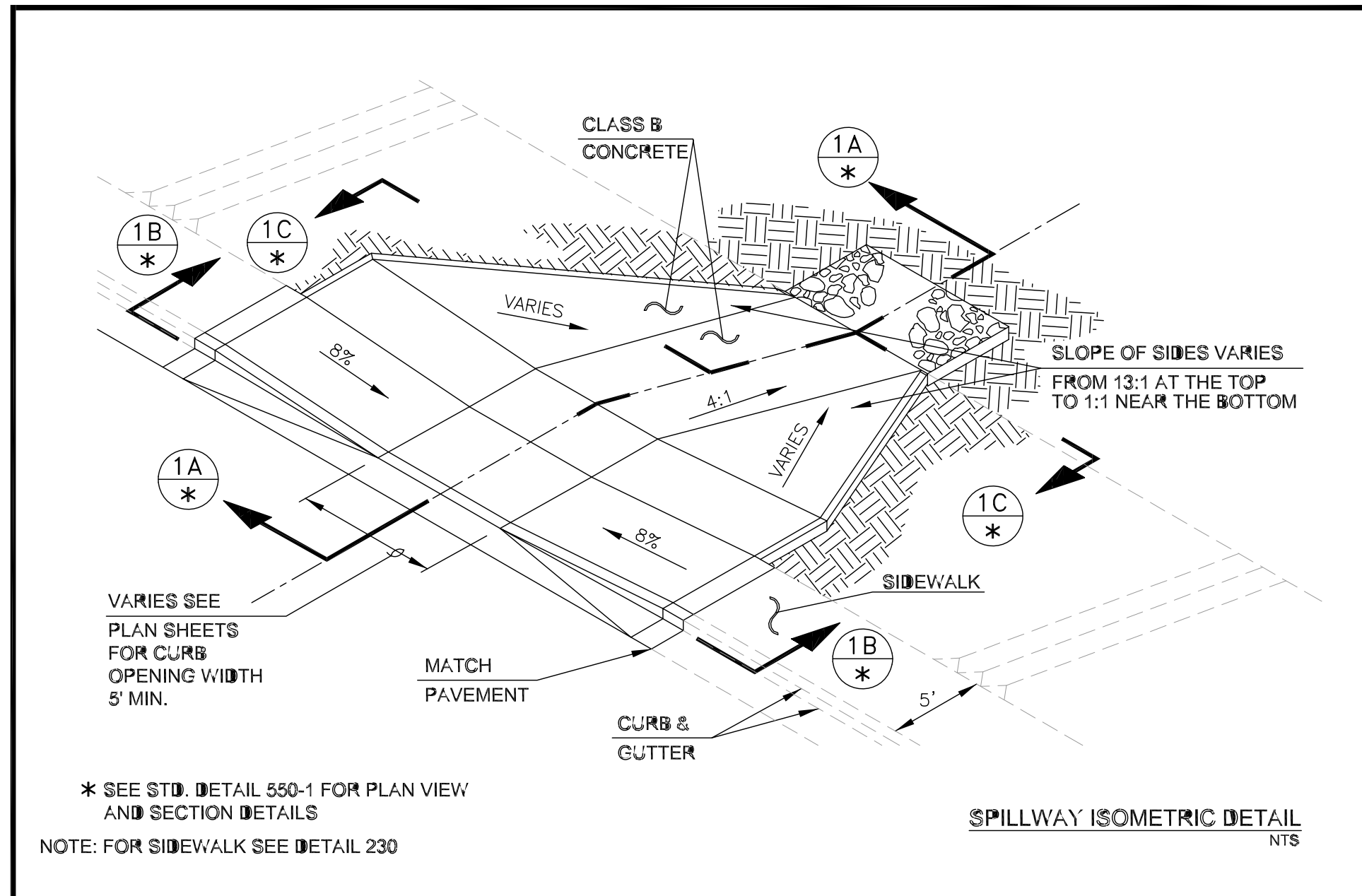
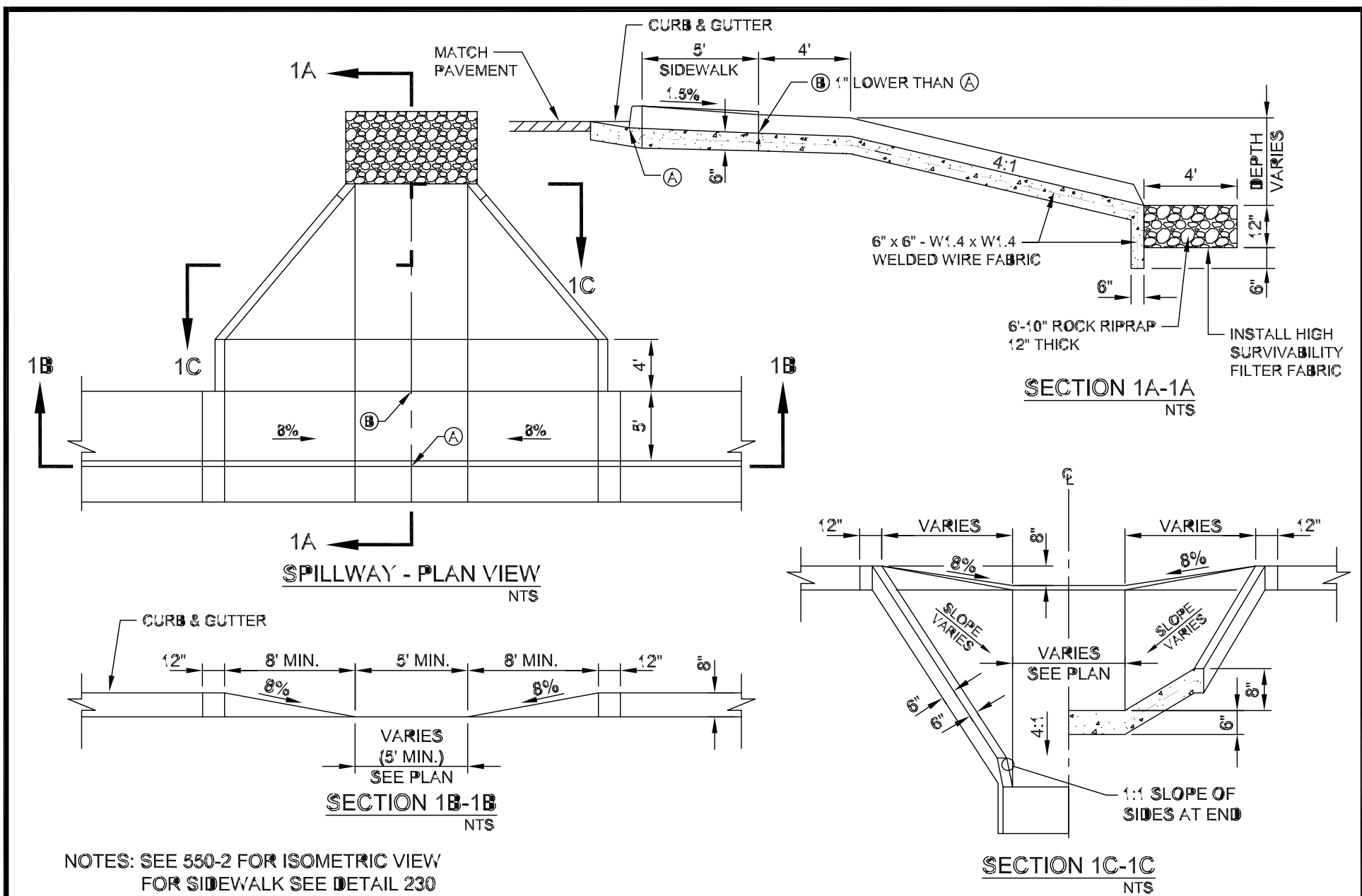
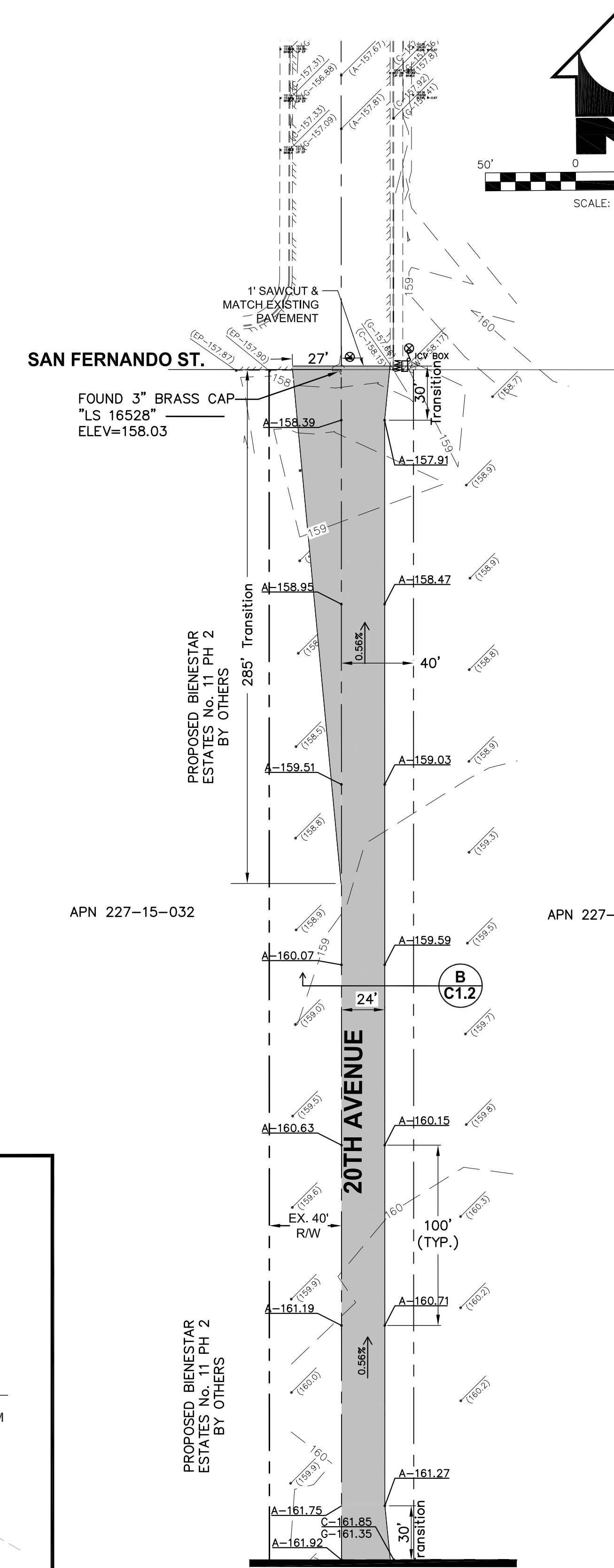
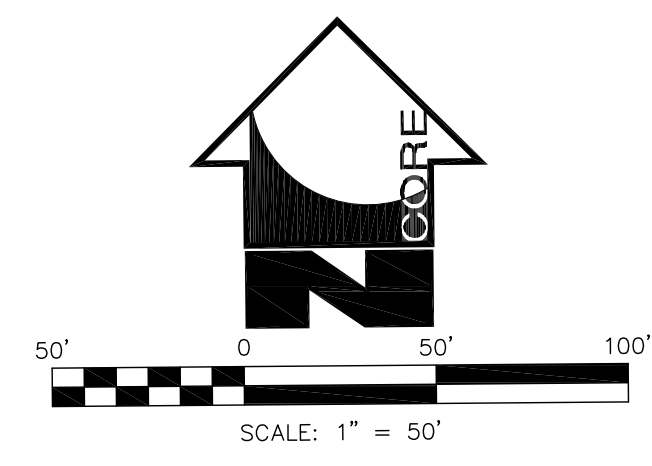
C0.0
SHEET

KEY NOTES

- ① NEW VERTICAL CURB AND GUTTER -COY STD 3-060
- ② NEW 21' DRIVEWAY -COY STD 3-105
- ③ NEW 4' CONCRETE SIDEWALK -COY STD 3-135
- ④ NEW 6' CONCRETE SIDEWALK -COY STD 3-135
- ⑤ NEW CONCRETE SIDEWALK RAMP (25' RADIUS MEASURED TO FACE OF CURB) -COY STD 3-145
- ⑥ NEW CONCRETE SIDEWALK RAMP (40' RADIUS MEASURED TO FACE OF CURB) -COY STD 3-145
- ⑦ NEW STREET MONUMENT -COY STD 4-030
- ⑧ NEW 8' CROSS VALLEY GUTTER -COY STD 3-085
- ⑨ NEW 50' CROWN TRANSITION
- ⑩ NEW STREET LIGHT- TYPE A (4700 LUMENS) -COY STD 7-010 & 7-015
- ⑪ NEW 6' HIGH (ON THE LOT SIDE) CMU WALL (CMU WALL LOCATED WITHIN THE FRONT OR SIDE SETBACK OF LOTS MUST BE 3'6" HIGH MAXIMUM) -COY STD 1-015
- ⑫ NEW DOUBLE FACED STREET SIGN & STOP SIGN (USE BLUE & WHITE COLORS ON 6" WIDE SHEET FOR STREET NAMES) -COY STD 8-020
- ⑬ NEW DOUBLE FACED STREET SIGN (USE BLUE AND WHITE COLORS ON 6" WIDE SHEET FOR STREET NAMES) -COY STD 8-020
- ⑭ NEW STOP SIGN (R1-1) -COY STD 8-020
- ⑮ NEW SPILLWAY -YCPW STD 550-1 & 550-2
- ⑯ NEW TYPE III BARRICADE -COY STD 1-045
- ⑰ NEW 6' VALLEY GUTTER -COY STD 3-090
- ⑱ NEW STREET LIGHT - TYPE B (9000 LUMENS) -COY STD 7-005 & 7-015
- ⑲ NEW 18" WHITE THERMOPLASTIC STOP BAR -COY STD 10-020

LEGEND

- FOUND SURVEY MONUMENT AS NOTED
 - CENTER / SECTIONAL LINE
 - NEW PROPERTY LINE
 - EXISTING LOT LINE
 - - - EXISTING RIGHT-OF-WAY LINE
 - - - EXISTING WATER LINE
 - - - EXISTING SEWER LINE
 - ▬ NEW BORDER CURB
 - ▬ NEW CONCRETE
 - ▬ NEW ASPHALT
 - ⊕ NEW SIGN
 - ⊕ NEW STREET NAME AND STOP SIGN
 - ⊕ NEW LIGHT POLE
 - ⊕ NEW BARRICADE
 - ⊕ EXISTING BARRICADE
 - ⊕ EXISTING VALVE
 - ⊕ EXISTING SLOPE
 - ⊕ NEW SLOPE
 - R/W RIGHT-OF-WAY
 - FFE FINISHED FLOOR ELEVATION
 - EXISTING GROUND ELEVATION
 - EXISTING CURB ELEVATION
 - EXISTING GUTTER ELEVATION
 - EXISTING EDGE OF PAVEMENT ELEVATION
 - NEW CURB ELEVATION
 - NEW ASPHALT ELEVATION
 - NEW FLOW WAY ELEVATION
 - G.B. NEW GRADE BREAK
 - NEW LOT NUMBER
- 33**
- (M) MEASURED DATA
 - (C) CALCULATED DATA
 - Y.C.R. YUMA COUNTY RECORDS
 - APN 777-53-000 YUMA COUNTY ASSESSORS



DETAIL NO. 550-1	YUMA COUNTY CONSTRUCTION STANDARD DETAIL	SPILLWAY DETAIL AND SECTIONS	REVISED 03-11-2022	DETAIL NO. 550-1
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DETAIL NO. 550-2	YUMA COUNTY CONSTRUCTION STANDARD DETAIL	SPILLWAY - ISOMETRIC	REVISED 03-11-2022	DETAIL NO. 550-2
----------------------------	--	-----------------------------	-----------------------	----------------------------

DRAWING RECORD:

DATE:

No.:

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BELLEZA DEL DESIERTO UNIT III
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PAVING AND GRADING PLAN

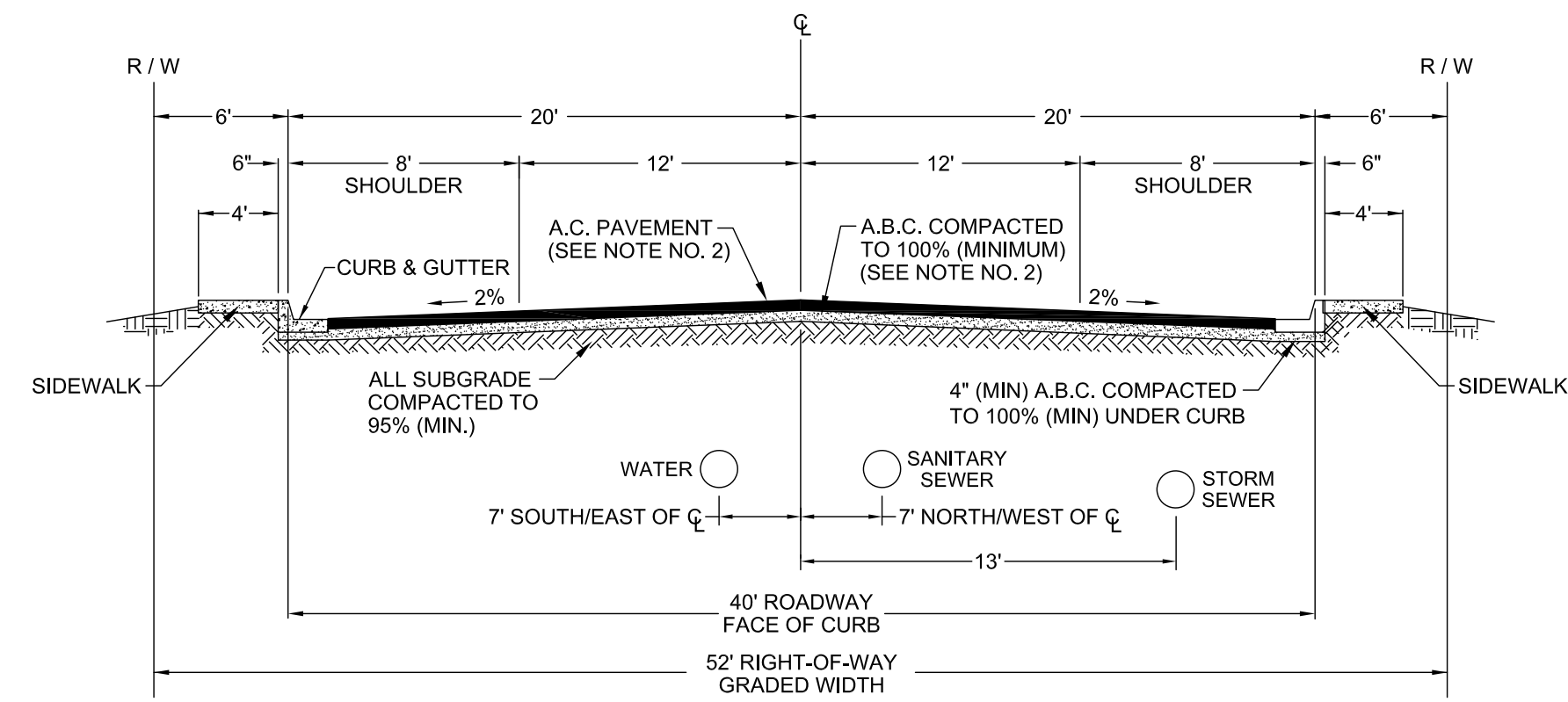
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Professional Engineer
CERTIFICATE NO. 32329
DOUGLAS J. NICHOLLS
Date Signed: 03/11/2024
ARIZONA, U.S.A.

Date: APRIL, 2024
Designed: J.R.K.
Drawn: J.R.K.
Checked: D.J.N.
Proj. No.: 23-026

UTILITY DISCLAIMER

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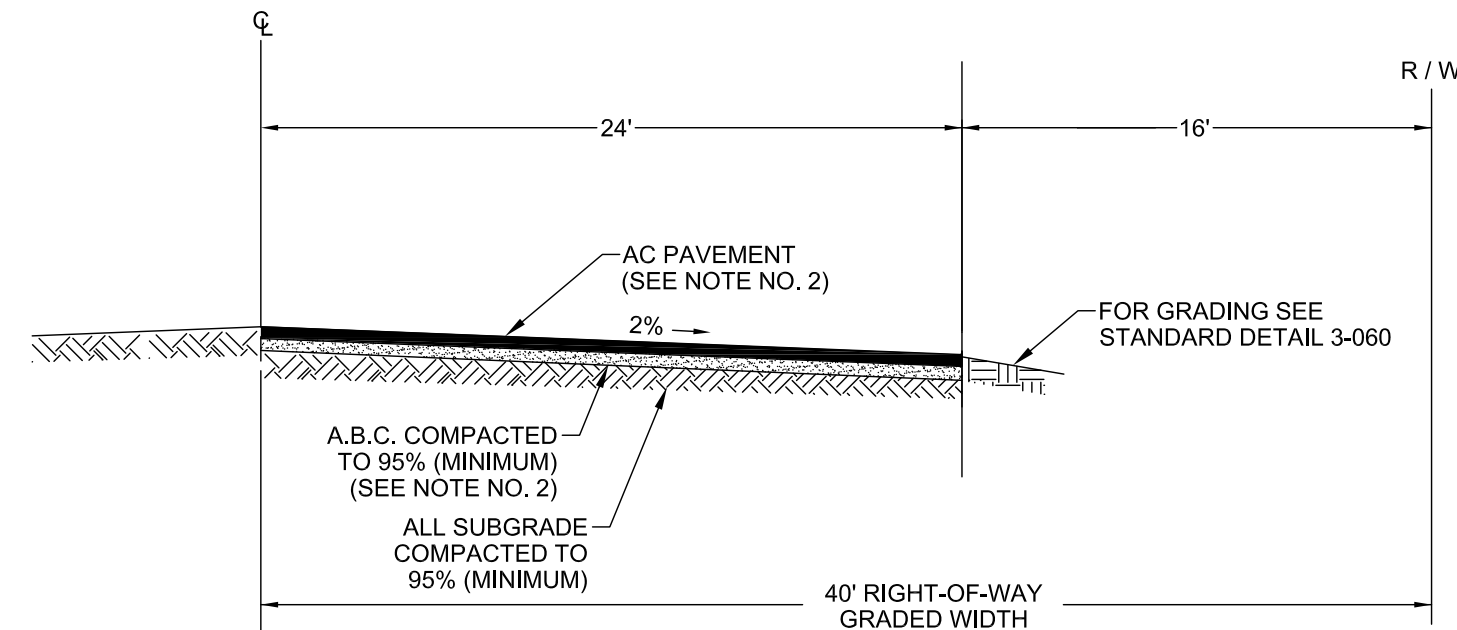
LOCAL TWO LANE STREET

CITY OF YUMA CONSTRUCTION STANDARD DETAIL DRAWINGS STD. NO. 2-430 (MODIFIED, NTS)

NOTES

1. MINIMUM PAVING THICKNESS SHALL BE 3" PLANT HOT MIXED ASPHALT SURFACING OVER 6" OF A.B.C. COMPACTED TO 100% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99 METHOD C OR D. SEE STANDARD DETAIL 3-015 FOR A.B.C. THICKNESS REQUIRED. A.B.C. SHALL BE PER MAG SPECIFICATIONS, UNLESS SPECIFIED OTHERWISE BY A SOIL TEST.
2. SIDEWALK LOCATION ADJACENT TO CURB OR AS APPROVED BY THE CITY ENGINEER.
3. SEE STANDARD DETAIL 3-035 FOR GRADING BEHIND SIDEWALK.
4. EXTEND AGGREGATE BASE COURSE BENEATH CURB & GUTTER. SEE STANDARD DETAIL 3-060.

NTS **A**



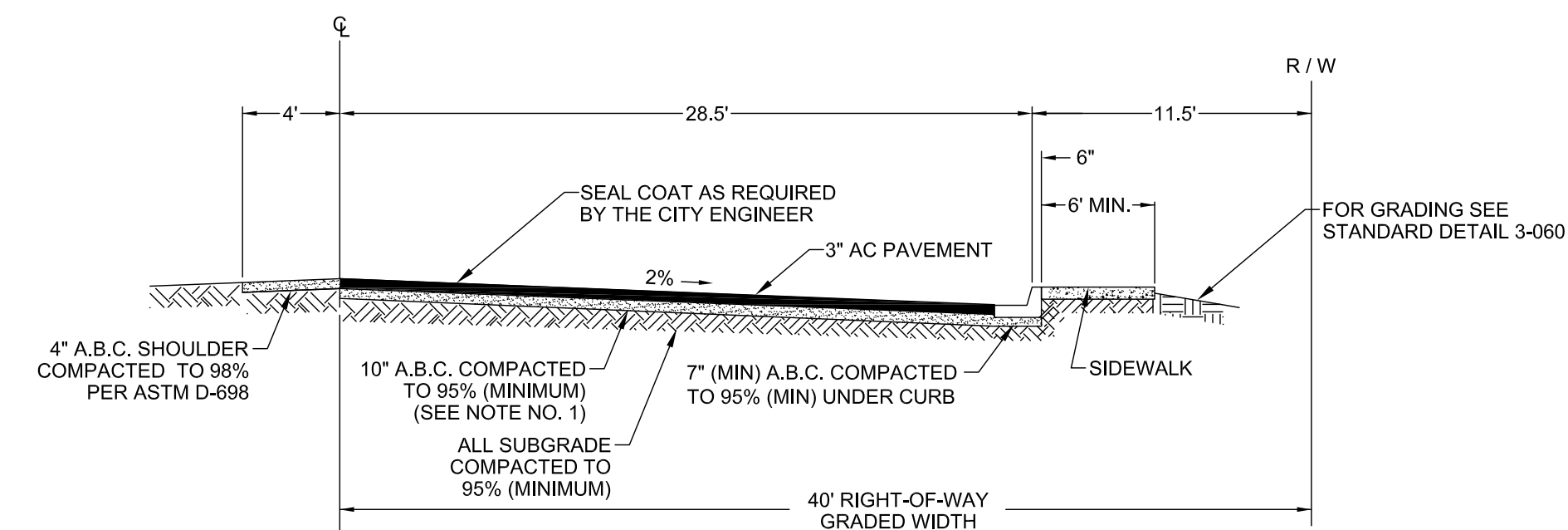
ACCESS ROAD

CITY OF YUMA CONSTRUCTION STANDARD DETAIL DRAWINGS STD. NO. 2-445 (MODIFIED, NTS)

NOTES

1. MINIMUM PAVING THICKNESS SHALL BE 2" PLANT HOT MIXED ASPHALT SURFACING OVER 6" OF A.B.C. COMPACTED TO 100% OF MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99 METHOD C OR D. UNLESS SPECIFIED OTHERWISE BY A SOIL TEST.
2. THE TURNING RADIUS OF A FIRE DEPARTMENT ACCESS ROAD SHALL BE APPROVED BY THE FIRE DEPARTMENT, AND SHALL MAINTAIN THE MINIMUM ROAD WIDTH.
3. A.B.C. SHALL BE PER MAG SPECIFICATIONS.

NTS **B**



COUNTY 24 1/2 STREET AND 20TH AVENUE

CITY OF YUMA CONSTRUCTION STANDARD DETAIL DRAWINGS STD. NO. 2-430 (MODIFIED, NTS)

NOTES

1. MINIMUM PAVING THICKNESS SHALL BE: THREE INCHES (3") PLANT HOT MIXED ASPHALT SURFACING OVER TEN INCHES (10") OF A.B.C. COMPACTED TO 95% (MINIMUM), UNLESS SPECIFIED OTHERWISE BY A SOIL TEST.
2. SIDEWALK LOCATION ADJACENT TO CURB OR AS APPROVED BY THE CITY ENGINEER.
3. ALL PAVEMENT MARKING AND RAISED PAVEMENT MARKER MATERIAL MUST BE IN ACCORDANCE WITH A.D.O.T. MANUAL FOR SIGNING AND MARKING, LATEST EDITION.
4. CASE 1 OR 2 MUST BE USED WITH THERE ARE DRIVEWAYS ALONG COLLECTOR.
5. CASE 3 MAY BE USED WHEN THERE ARE NO DRIVEWAYS ALONG COLLECTOR.
6. BIKE LANES PROVIDED BUT NOT STRIPED.

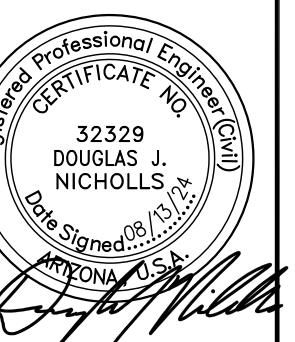
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 SUBDIVISION OF THE SOUTH HALF, SOUTHEAST QUARTER,
 SECTION 15, TOWNSHIP 11 SOUTH, RANGE 24 WEST
 TYPICAL STREET SECTIONS

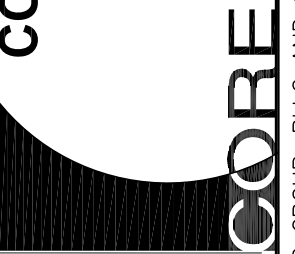


Date: APRIL, 2024
 Designed: J.R.K.
 Drawn: J.R.K.
 Checked: D.J.N.
 Proj. No.: 23-026

C1.2

SHEET

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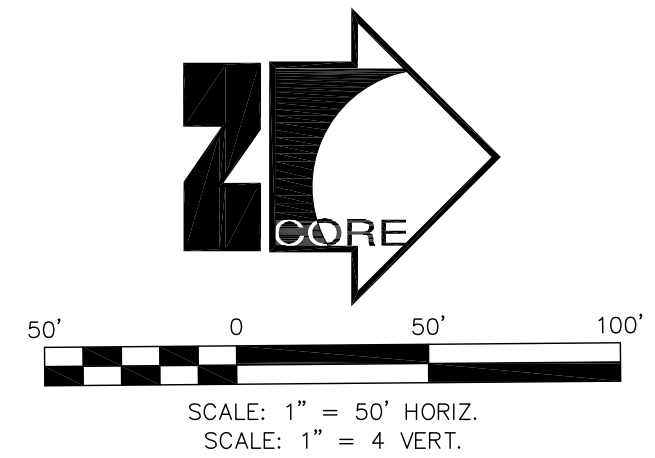
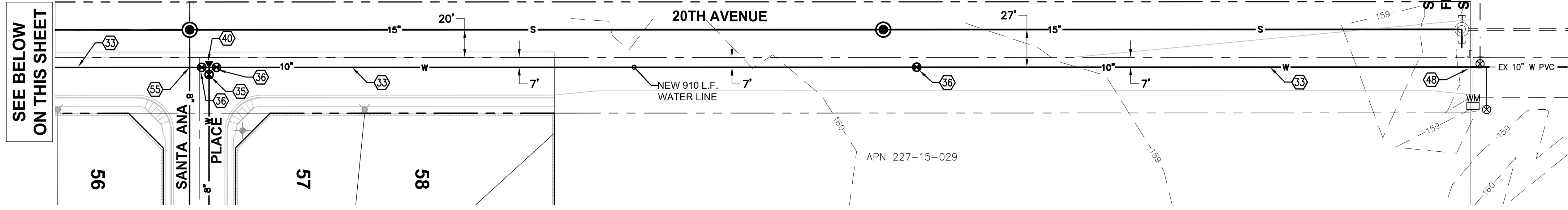
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APN 220-15-032

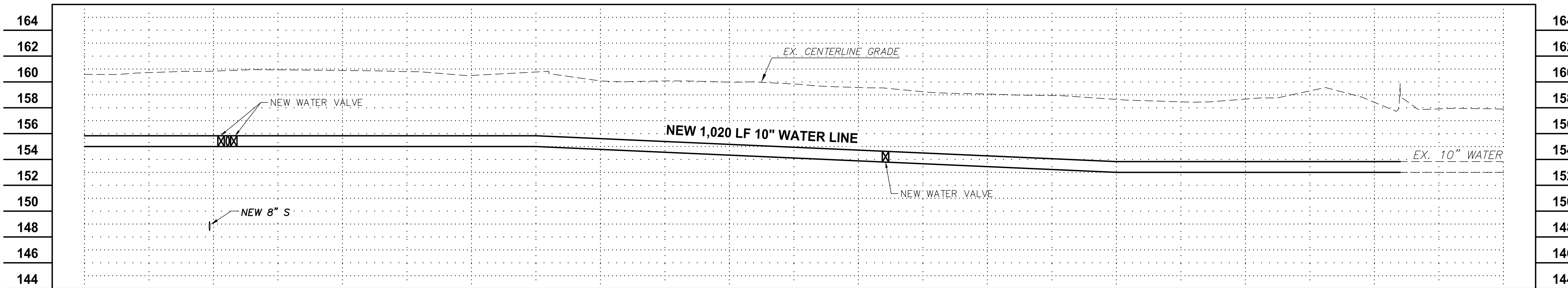
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SEE BELOW
ON THIS SHEET



WATER LINE TESTING PROCEDURE

1. ALL VISIBLE LEAKS SHALL BE REPAIRED REGARDLESS OF THE AMOUNT OF LEAKAGE & REGARDLESS OF WHETHER LEAK DEVELOPS UNDER TEST PRESSURE OR LINE PRESSURE.
2. INITIAL PRESSURES FOR BOTH THE PRESSURE TEST AND ALLOWABLE LEAKAGE TEST SHALL BE A MINIMUM OF 150 PSI FOR WATERLINES AND 200 PSI FOR FIRELINES.
3. A PRESSURE TEST SHALL BE DEEMED AS SUCCESSFUL IF IT PASSES THE CRITERIA SET FORTH BY AWWA C-600, SEC. 4 (LATEST EDITION) AND THAT CRITERIA NOTED ABOVE.
4. SHOULD THE PRESSURE TEST BE UNSUCCESSFUL, THE CONTRACTOR HAS THE OPTION OF ATTEMPTING THE ALLOWABLE LEAKAGE TEST. THIS TEST WILL BE DEEMED SUCCESSFUL IF IT PASSES THE CRITERIA SET FORTH IN AWWA M-23 (LATEST EDITION) OR AWWA M-23 (LATEST EDITION), WHICHEVER IS MORE RESTRICTIVE AND COMPLIES WITH THAT CRITERIA NOTED ABOVE.



WATER AND SEWER NOTES

1. ALL MATERIALS AND CONSTRUCTION HEREON SHALL CONFORM TO CITY OF SAN LUIS STANDARDS (CITY OF YUMA STANDARD DETAILS, MAG SPECIFICATIONS, AND CITY OF SAN LUIS SUPPLEMENTS) AND SHALL BE IN ACCORDANCE WITH THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY REGULATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREPARATION AND FURNISHING TO THE ENGINEER OF "AS-BUILT" RECORD DRAWINGS. THE CONTRACTOR SHALL OBTAIN ONE SET OF PLANS FROM THE ENGINEER AND SHALL RECORD IN RED COLORED PENCIL ALL CASES WHERE ACTUAL FIELD CONSTRUCTION DIFFERS FROM WORK SHOWN ON PLANS, TO INCLUDE SERVICE LOCATIONS. ALL CONCEALED WORK AND UTILITIES SHALL BE DIMENSIONED.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE BLUE STAKE CENTER PER GENERAL NOTES.
4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES. OMISSION FROM OR THE INCLUSION OF UTILITY LOCATIONS ON THE PLANS IS NOT TO BE CONSIDERED AS THE NONEXISTENCE OF OR A DEFINITE LOCATION OF EXISTING UNDERGROUND UTILITIES.
5. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES FROM DAMAGE DUE TO OPERATIONS. ANY DAMAGE TO THE UTILITIES SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.
6. THE ELEVATION OF THE EXISTING UTILITIES SHOWN ON THE PLANS IS APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION AND ELEVATION PRIOR TO ANY UNDERGROUND CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF DISCREPANCIES EXIST BETWEEN DESIGN INFORMATION AND ACTUAL FIELD CONDITIONS.
7. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL "POTHOLE" ALL POTENTIAL POINTS OF CONFLICT BETWEEN NEW UTILITIES AND EXISTING UTILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF DISCREPANCIES EXIST BETWEEN DESIGN INFORMATION AND ACTUAL FIELD CONDITIONS.
8. ALL UNDERGROUND NONMETALLIC CONDUITS AND LINES SHALL HAVE A MINIMUM #12 INSULATED COPPER TRACER WIRE SECURELY ATTACHED PER CITY OF YUMA STANDARD DETAILS AND HAVE 12" OF WIRE EXPOSED ON ONE END. BLUE STAKE LAW ARS 40-360.
9. CONTRACTOR TO COORDINATE BACTERIOLOGICAL TEST RESULTS TAKEN ON THE SYSTEM WITH THE CITY OF SAN LUIS AND ENGINEER.
10. ALL PVC WATERLINES SMALLER THAN 4" IN DIAMETER SHALL BE SCHEDULE 40 APPROVED BY NSF AND INSTALLED IN ACCORDANCE WITH NOTED MAG SPECIFICATIONS.
11. ALL WATERLINES 4" IN DIAMETER AND LARGER SHALL BE PVC COMPLYING WITH AWWA C-900, CLASS 235 AND MARKED NSF APPROVED FOR POTABLE WATER.
12. SEWER PIPE SHALL BE ASTM D3034, SDR-35 PVC PIPE AND SHALL BE INSTALLED IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS, AND SPECIAL CONDITIONS.
13. SEWER INSTALLATION SHALL BE IN ACCORDANCE WITH ADEQ STANDARDS.
14. LEAKAGE TESTING OF THE SEWER LINE IS REQUIRED TO BE CONDUCTED IN ACCORDANCE WITH ASTM F1417 (OR MAG STANDARDS) AND PER A.A.C. R18-9-E301.D.2.J. LEAKAGE TESTING OF MANHOLES SHALL BE CONDUCTED IN ACCORDANCE WITH A.A.C. R18-9-E301.D.3.f AND g.
15. A MINIMUM COVER OF 42" SHALL BE MAINTAINED ABOVE THE TOP OF ALL SEWER LINES.
16. TRACER WIRE AND MONUMENTS SHALL BE SET PER CITY OF YUMA STANDARDS. (SEE NOTES 1 AND 8)
17. CONTRACTOR SHALL VERIFY LOCATION OF WATER LINE RESTRAINTS. SEE SPECIFICATIONS FOR JOINT RESTRAINT REQUIREMENTS.
18. WATER DISTRIBUTION SYSTEM SHALL CONFORM TO CURRENT AWWA, ASTM, NFS STANDARDS. (EB 10, CHAPTER 10, SECTION 8)
19. ALL MATERIALS THAT COME INTO CONTACT WITH WATER SHALL CONFORM TO ANSI/NFS STANDARD 60 AND 61 (R18-4-23. A&B)
20. INSTALLATION OF WATER MAINS, PRESSURE AND LEAKAGE TESTING, AND DISINFECTION SHALL BE IN ACCORDANCE WITH AWWA C600, EB 10, CHAPTER 7, SECTION L AND MAG 610 & 611
21. DISINFECTION SHALL BE IN ACCORDANCE TO EB 8, CHAPTER 5, SECTION A AND MAG 611.2
22. MANHOLE DESIGN SHALL CONFORM TO A.A.C. SECTION R18-9-E301(c)/MAG 625/MAG 505
23. DESIGN, CONSTRUCTION AND CONNECTIONS OF SEWER LINES SHALL CONFORM TO A.A.C. SECTION R18-9-E301(D)(2)(g)/MAG 615

WATER SCHEDULE OF WORK

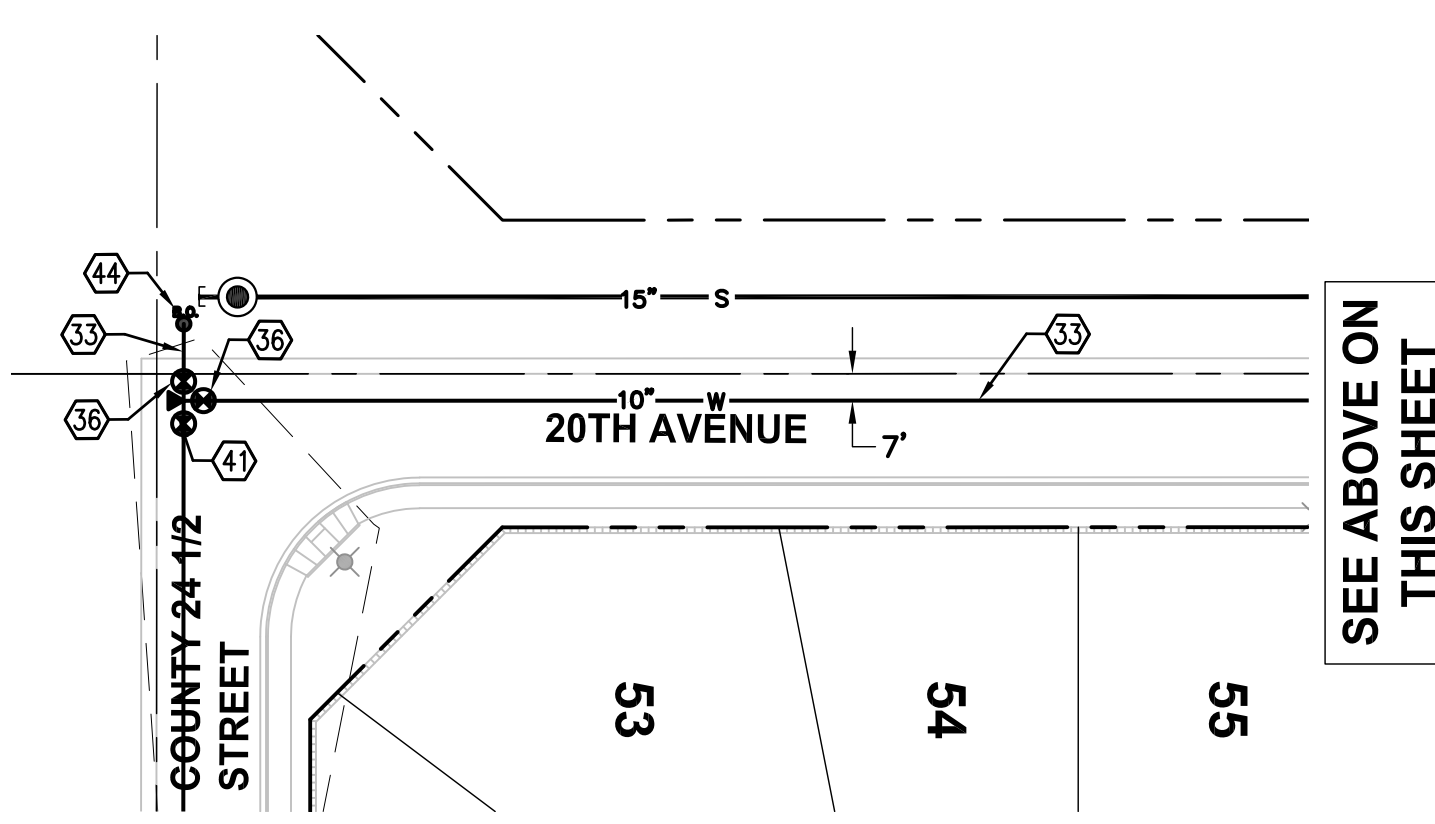
30	1" DUAL WATER SERVICE	-COY STD 5-045 & 5-055
31	1" SINGLE WATER SERVICE	-COY STD 5-035 & 5-055
32	8" PVC C-900 WATER LINE	-COY STD 5-010
33	10" PVC C-900 WATER LINE	-COY STD 5-010
34	12" PVC C-900 WATER LINE	-COY STD 5-010
35	8" WATER VALVE	-COY STD 5-065, 5-075, & 5-080
36	10" WATER VALVE	-COY STD 5-065, 5-075, & 5-080
37	12" WATER VALVE	-COY STD 5-065, 5-075, & 5-080
38	8" PVC ELL WITH THRUST BLOCK	-COY STD 5-020 & 5-025
39	8" PVC TEE WITH THRUST BLOCK	-COY STD 5-020 & 5-025
40	10" X 8" TEE WITH THRUST BLOCK	-COY STD 5-020 & 5-025
41	10" PVC ELL WITH THRUST BLOCK	-COY STD 5-020 & 5-025
42	12" X 8" TEE WITH THRUST BLOCK	-COY STD 5-020 & 5-025
43	COMPLETE FIRE HYDRANT	-COY STD 5-155
44	COMPLETE TEMPORARY BLOWOFF VALVE	-COY STD 5-085
45	10" X 10" CROSS WITH THRUST BLOCK	-COY STD 5-020 & 5-025
46	12" X 10" CROSS WITH THRUST BLOCK	-COY STD 5-020 & 5-025
47	12" X 8" CROSS WITH THRUST BLOCK	-COY STD 5-020 & 5-025
48	REMOVE EXISTING BLOWOFF VALVE AND CONNECT NEW WATER LINE TO EXISTING WATER SYSTEM. CONTRACTOR TO FIELD VERIFY LOCATION AND DEPTH OF EXISTING WATER MAIN. IF CONDITIONS ARE DIFFERENT THAN WHAT IS SHOWN ON PLANS CONTRACTOR TO NOTIFY ENGINEER BEFORE MAKING ANY DETERMINATION.	

LEGEND

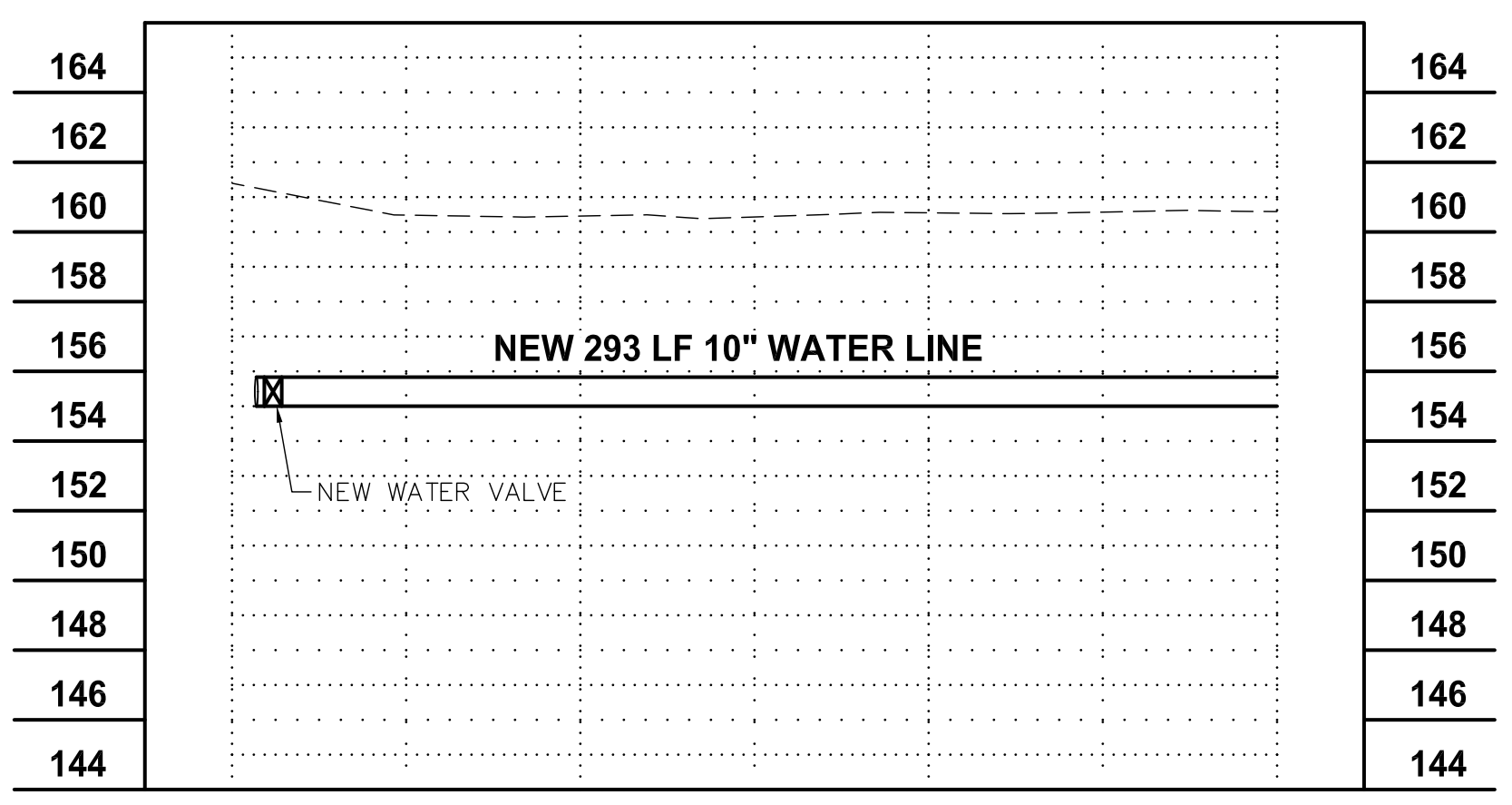
○	EX. MANHOLE	NEW GATE VALVE
○ c.o.	EX. CLEAN OUT	NEW THRUST BLOCK
⊠	EX. WATER METER	NEW BLOW-OFF VALVE
□ GM	EX. GAS METER	NEW FIRE HYDRANT
□ MB	EX. MAIL BOX	NEW SINGLE WATER METER
ICV	EX. IRRIGATION CONTROL VALVE	NEW DUAL WATER METER
HB	EX. HOSE BIBB	NEW INCREASER / REDUCER
○	EX. SIGN	
— W	NEW DOMESTIC WATER LINE	
— S	NEW SEWER LINE	
⊙	NEW SEWER MANHOLE	
○ c.o.	NEW SEWER CLEANOUT	

UTILITY DISCLAIMER

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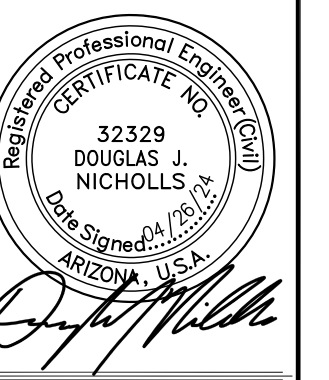
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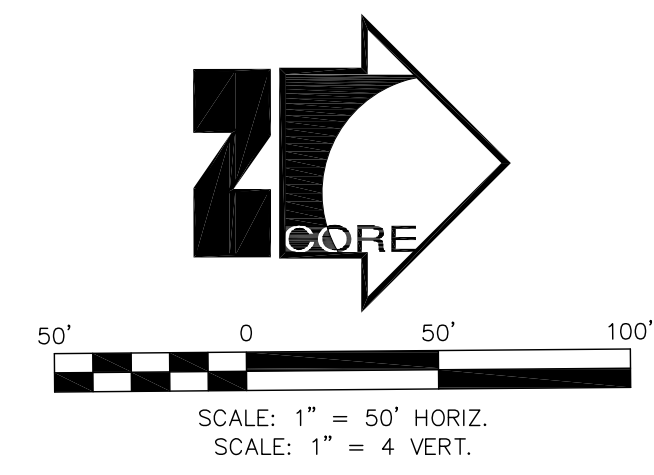
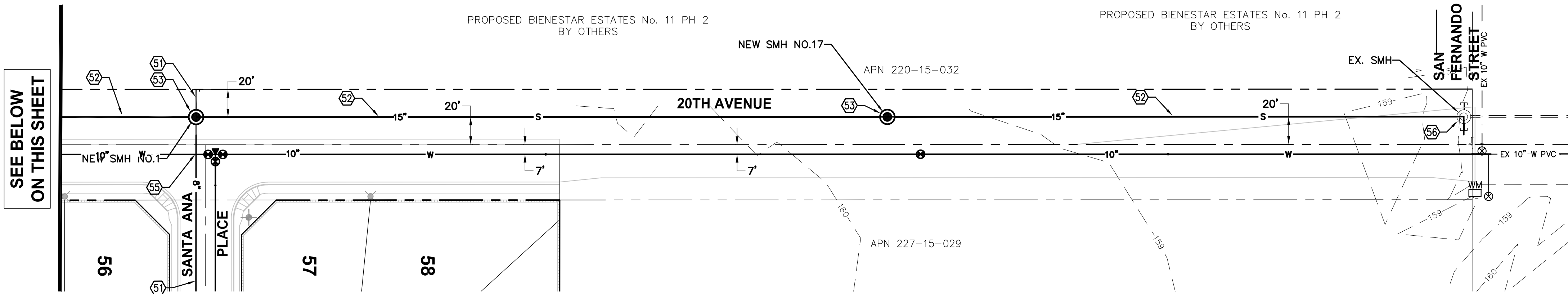
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BELLEZA DEL DESIERTO UNIT III
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WATER PLAN & PROFILE

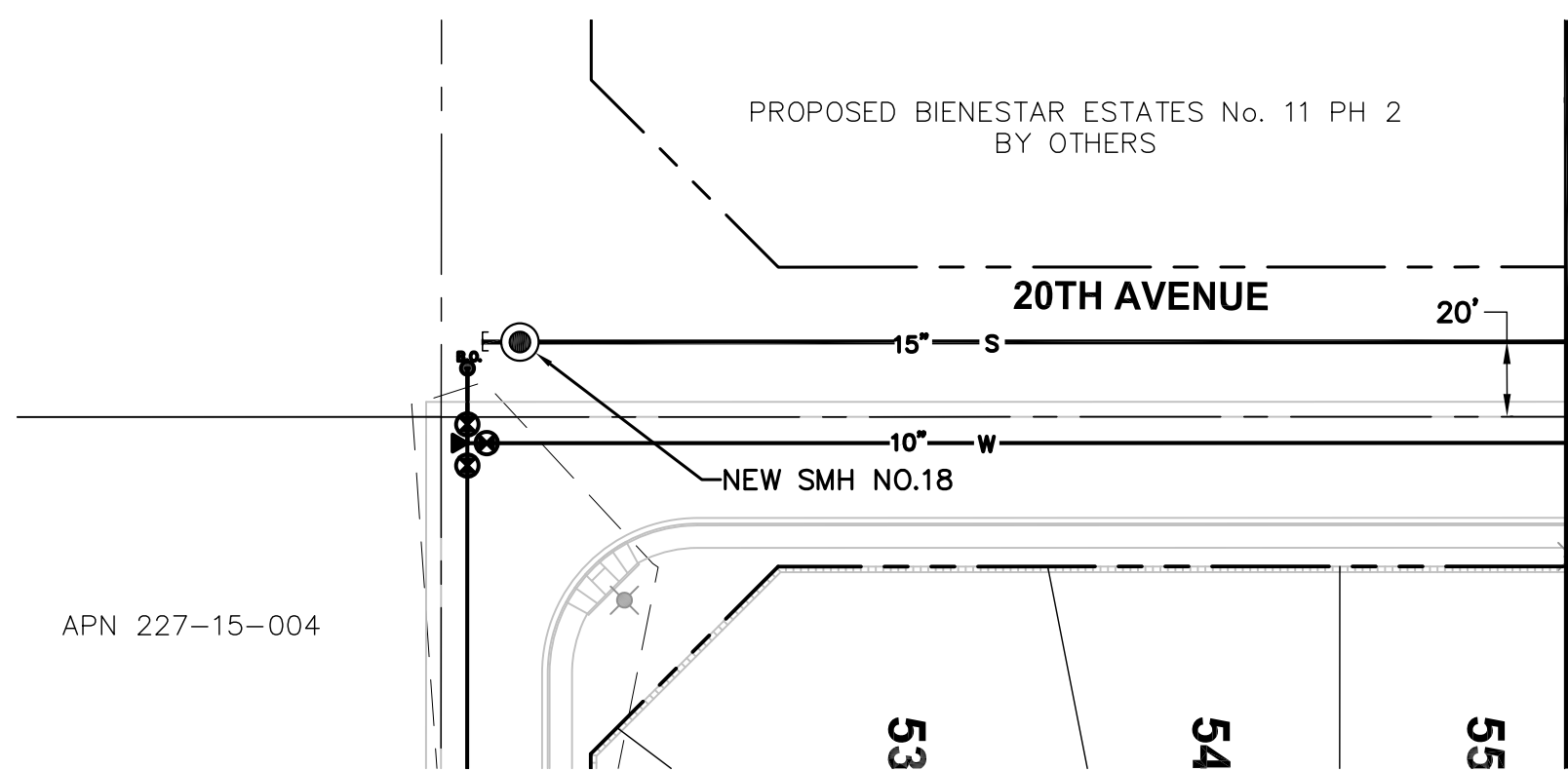
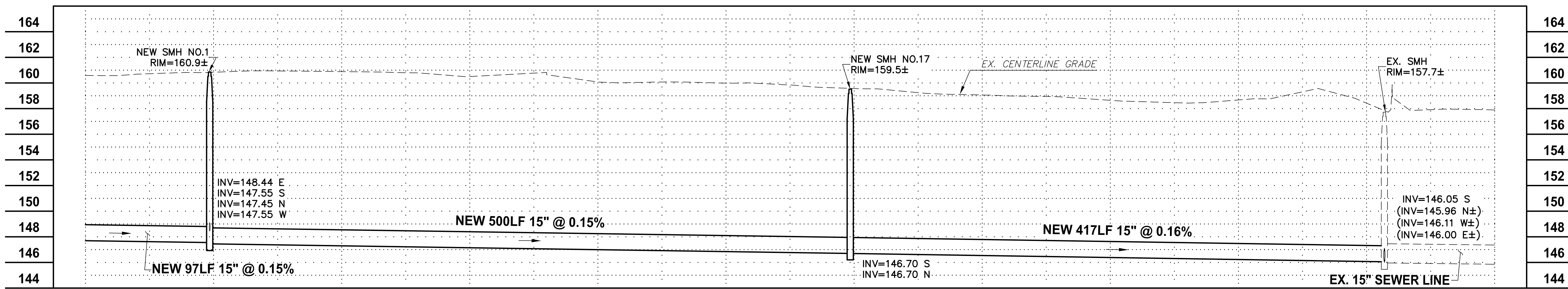


Date: APRIL, 2024
Designed: J.R.K.
Drawn: J.R.K.
Checked: D.J.N.
Proj. No.: 23-026

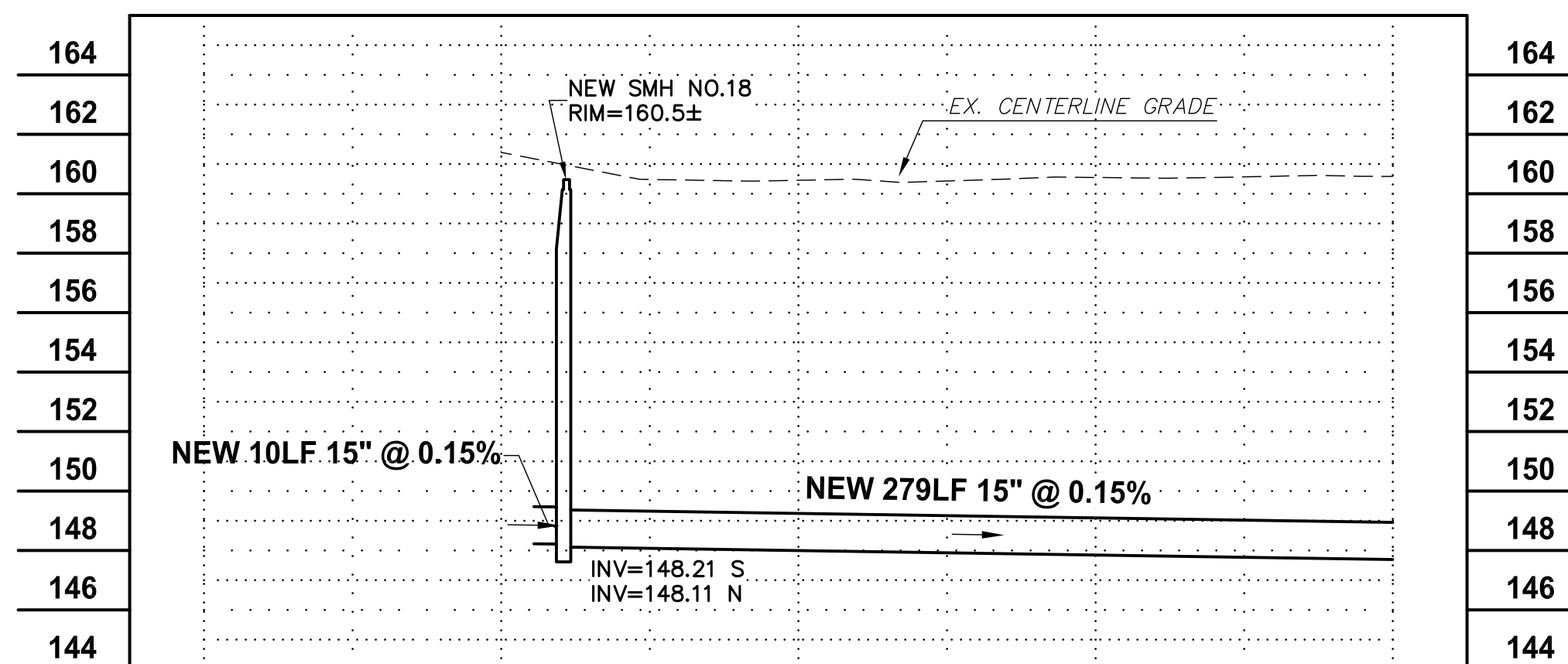
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20TH AVENUE



SEE ABOVE ON THIS SHEET



SEWER LINE TESTING PROCEDURE (COSL / MAG 2015 EDITION)

- ALL SEWER LINES WILL BE PRESSURE TESTED WITH A MINIMUM OF 4 FT OF HEAD WITH LEAKAGE NOT TO EXCEED 50 GAL/IN-DIA/MILE/DAY.
- ALL SEWER LINE TESTS SHALL BE PERFORMED IN ACCORDANCE WITH A.A.C. SECTION R18-9-E301 (D) (2) (E) OR (K) / MAG 611.3
- LEAKAGE TESTING OF THE SEWER LINE IS REQUIRED TO BE CONDUCTED IN ACCORDANCE WITH ASTM F1417-92 AND PER A.A.C. SECTION R18-9-E301(D)2.J. LEAKAGE TESTING OF MANHOLES SHALL BE CONDUCTED IN ACCORDANCE WITH A.A.C. R18-9-E301.D.3.f AND g / MAG 611.3
- DEFLECTION TESTING AND UNIFORM SLOPE TESTING OF ALL (100%) OF THE SEWER LINE IS REQUIRED IN ACCORDANCE WITH A.A.C. SECTION R18-9-E301(D)2.i AND k / MAG 611.
- HOLIDAY TESTING OF A LINED MANHOLE SHALL CONFORM TO A.A.C. SECTION R18-9-E301(D)3.e.iii./MAG 611.4

SEWER SCHEDULE OF WORK

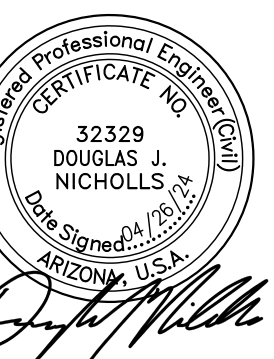
- 50 4" PVC SDR-35 SEWER SERVICE -COY STD 6-015
- 51 8" PVC SDR-35 SEWER LINE (SEE PROFILE FOR SLOPE) -COY STD 5-010
- 52 15" PVC SDR-35 SEWER LINE (SEE PROFILE FOR SLOPE) -COY STD 5-010
- 53 SANITARY SEWER MANHOLE -COY STD 6-020 & 6-035
- 54 SANITARY SEWER CLEANOUT -COY STD 6-005
- 55 MAINTAIN MINIMUM 2' VERTICAL SEPARATION BETWEEN WATER & SEWER MAINS AT ALL TIMES UNLESS 14' OF EXTRA PROTECTION ON NEW SEWER LINE IS PROVIDED (7' EACH SIDE OF CROSSING) -COY STD 5-005
- 56 CONNECT NEW 15" SEWER LINE TO EXISTING MANHOLE.

LEGEND

- EX. MANHOLE
- c.o. EX. CLEAN OUT
- ⊠ EX. WATER METER
- GM EX. GAS METER
- MB EX. MAIL BOX
- ⊠ ICV EX. IRRIGATION CONTROL VALVE
- ⊠ HB EX. HOSE BIBB
- ⊠ S EX. SIGN
- NEW DOMESTIC WATER LINE
- NEW SEWER LINE
- NEW SEWER MANHOLE
- NEW SEWER CLEANOUT
- NEW GATE VALVE
- NEW THRUST BLOCK
- NEW BLOW-OFF VALVE
- NEW FIRE HYDRANT
- NEW SINGLE WATER METER
- NEW DUAL WATER METER
- NEW INCREASER / REDUCER

BELLEZA DEL DESIERTO UNIT III
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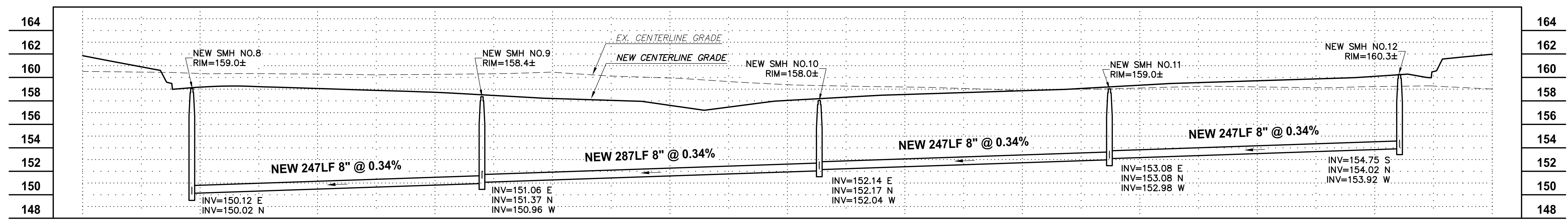
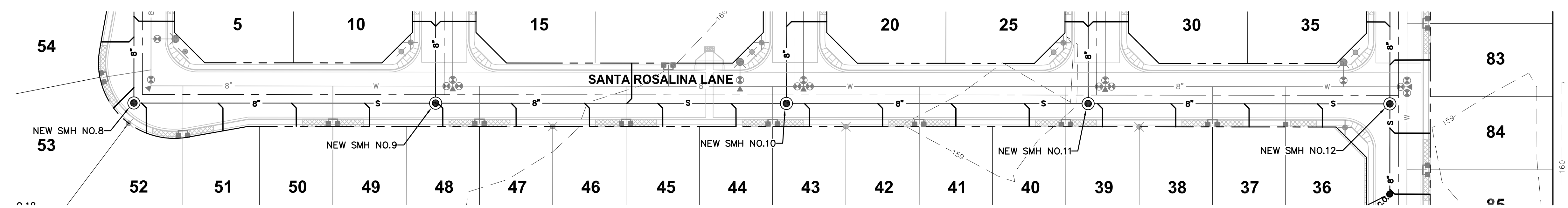
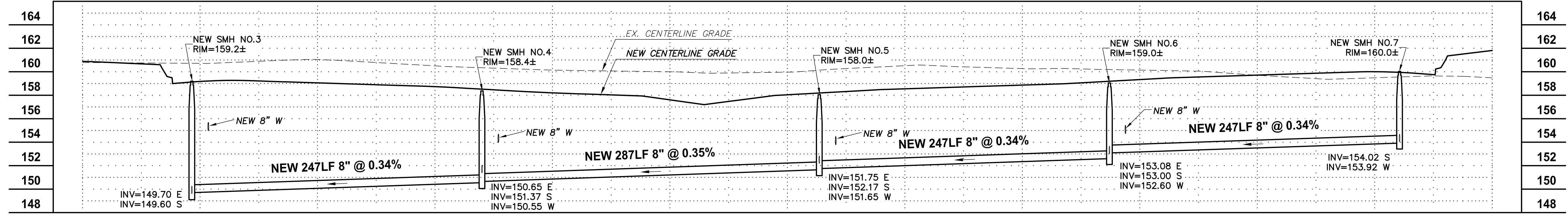
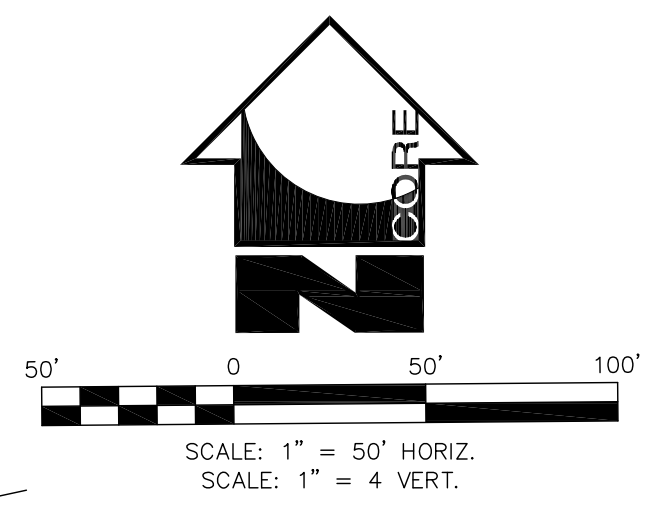
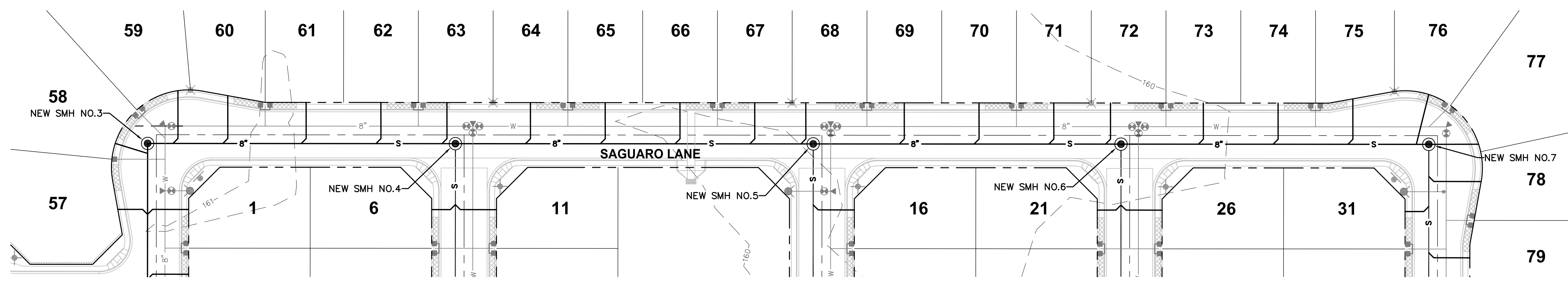
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Date: APRIL, 2024
 Designed: J.R.K.
 Drawn: J.R.K.
 Checked: D.J.N.
 Proj. No.: 23-026

C2.3
 SHEET

Title: 13 Aug 2024 - 13:37pm - 2:10:03 PM (APR 23) 2024 Water & Sewer Plans - Core Engineering Group, PLLC

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 DATE: _____



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DATE:

No.

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SECTION 15, TOWNSHIP 11 SOUTH, RANGE 24 WEST

SEWER PLAN & PROFILE

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Professional Engineer
CERTIFICATE NO. 32329
DOUGLAS J. NICHOLLS
Arizona, U.S.A.
Date Signed: 04/23/24

Date: APRIL, 2024
Designed: J.R.K.
Drawn: J.R.K.
Checked: D.J.N.
Proj. No.: 23-026

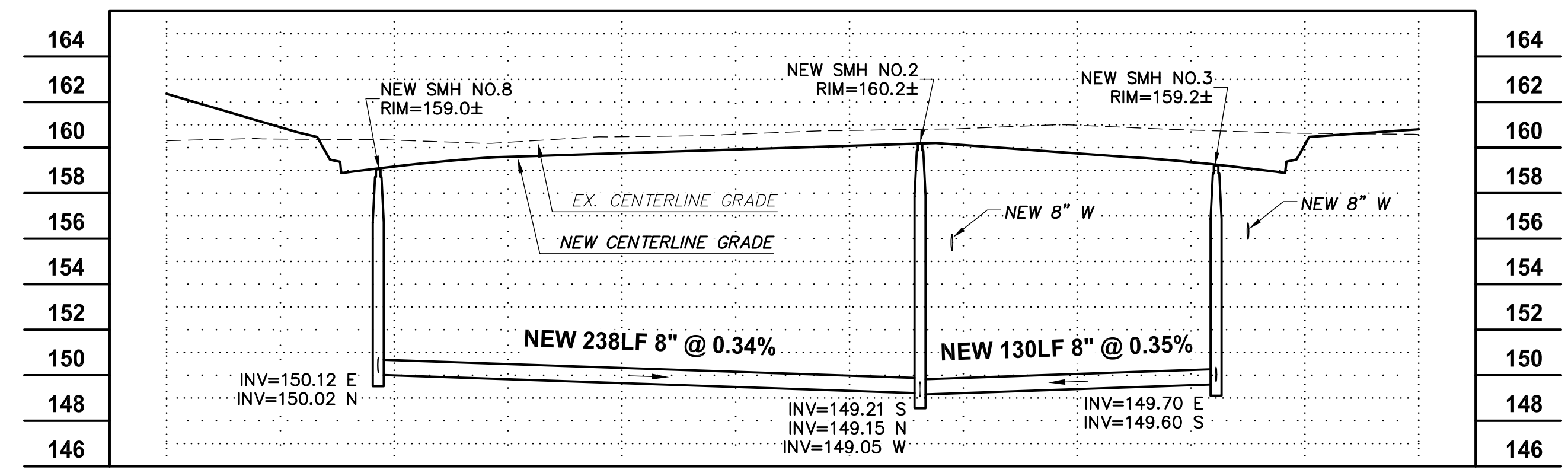
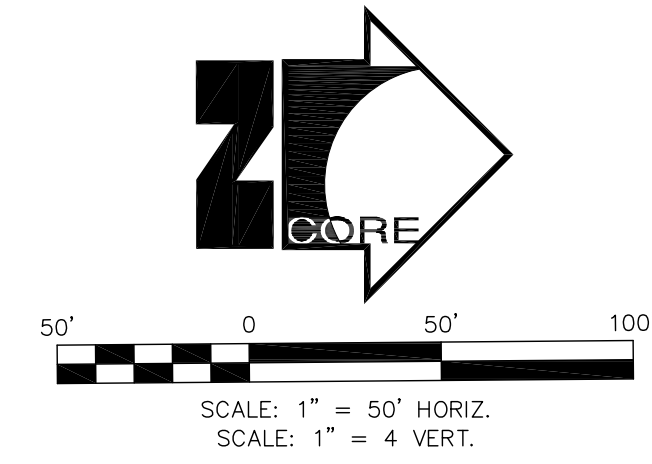
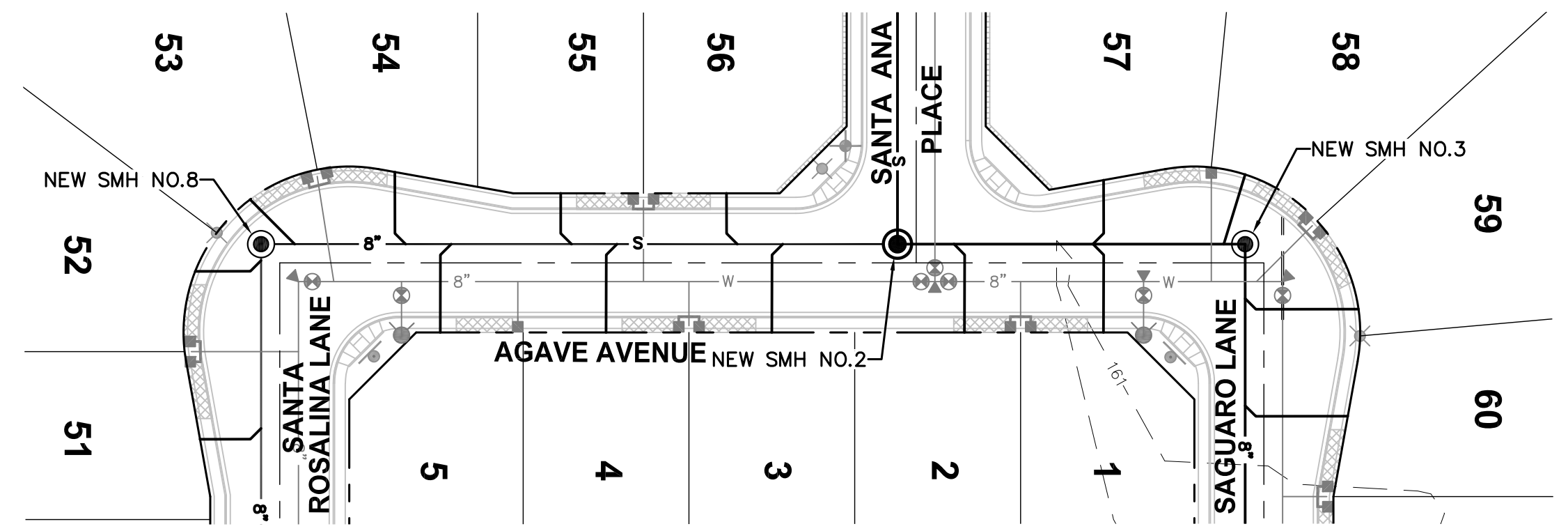
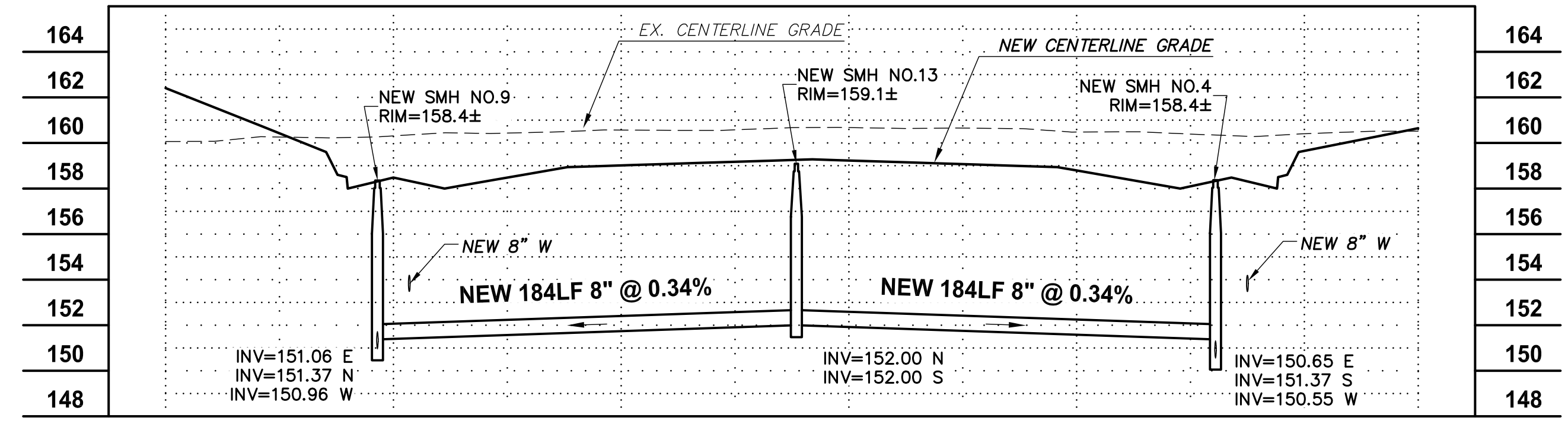
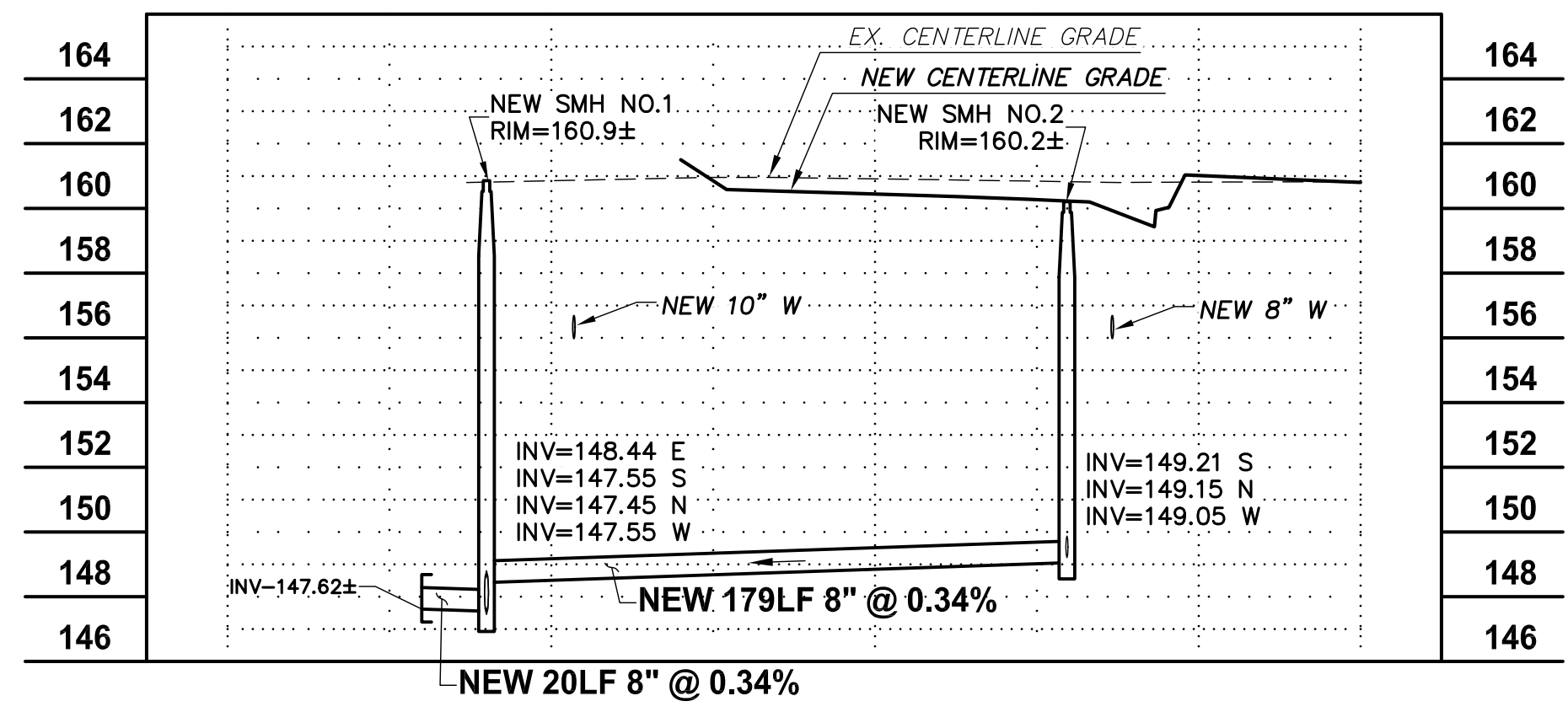
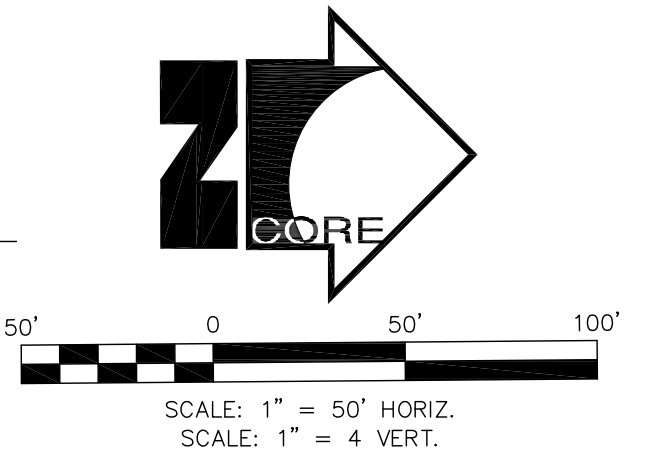
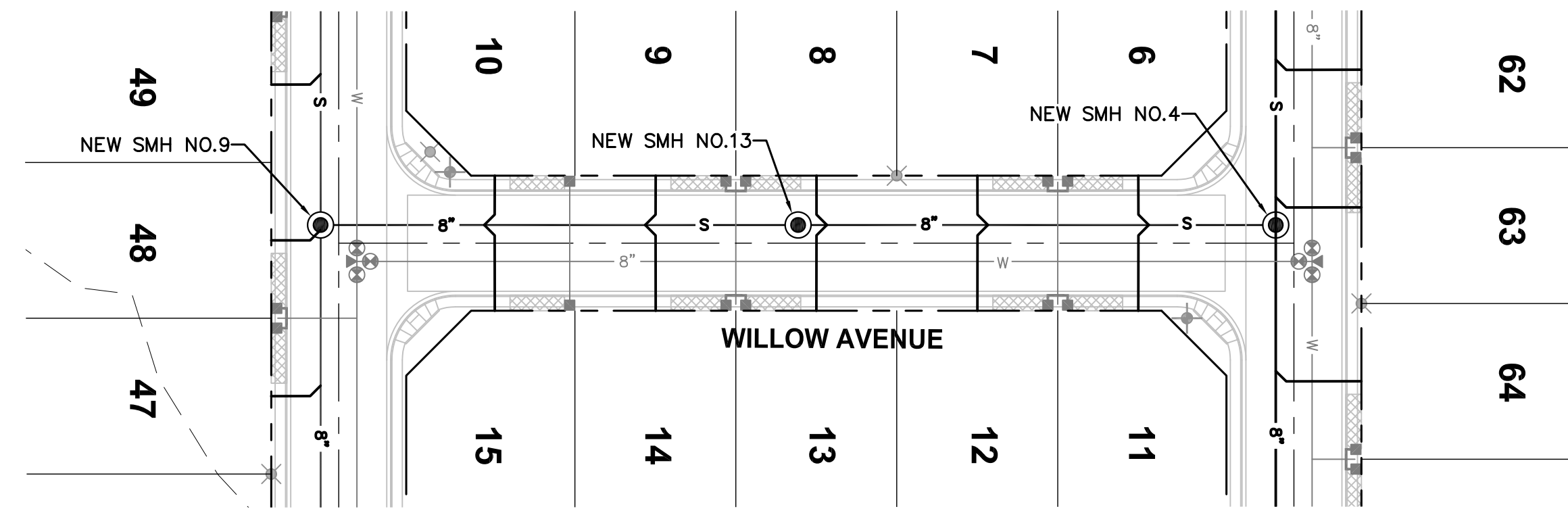
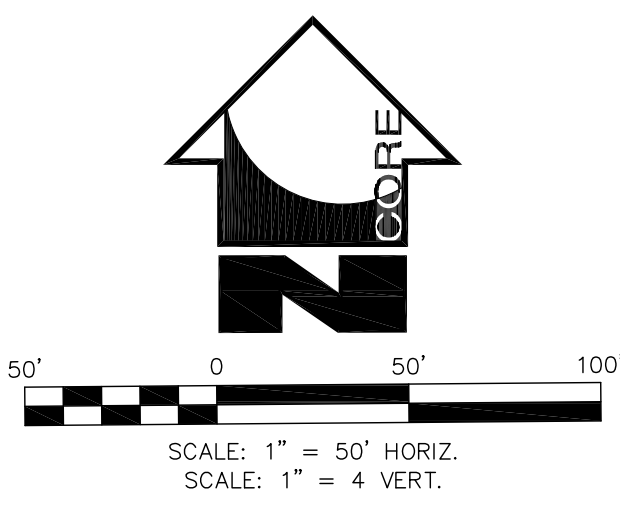
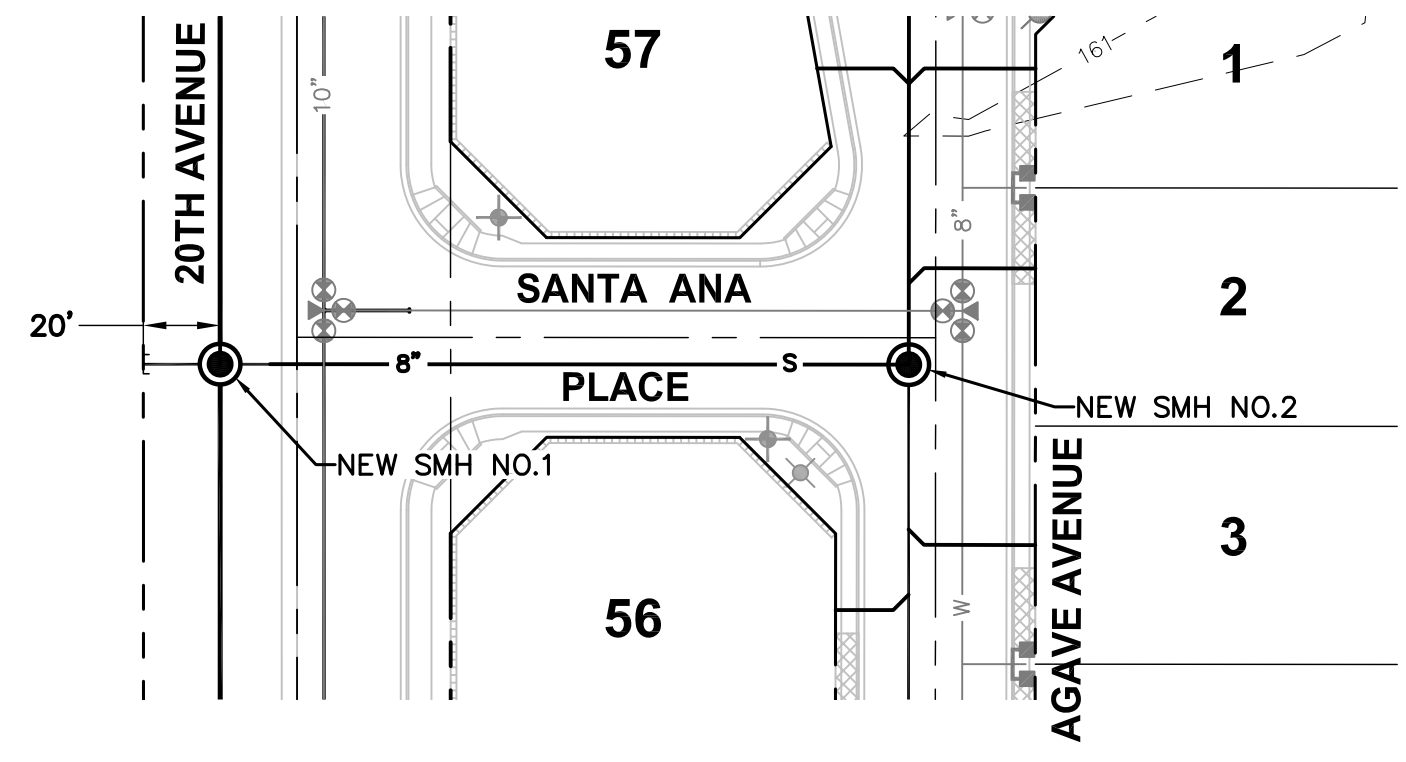
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UTILITY DISCLAIMER

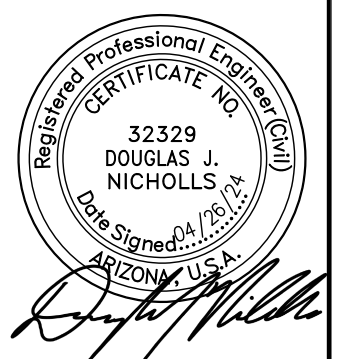
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Date: 13 Aug 2024 11:39AM 2:10023.02-028.dwg (Plan Profile) Plot Path: \\ms01\c02\plott\23-026 Water & Sewer Profiles.dwg * Core Engineering Group, PLLC



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

BELLEZA DEL DESIERTO UNIT III
 SUBDIVISION OF THE SOUTH HALF, SOUTHEAST QUARTER,
 SECTION 15, TOWNSHIP 11 SOUTH, RANGE 24 WEST
SEWER PLAN & PROFILE



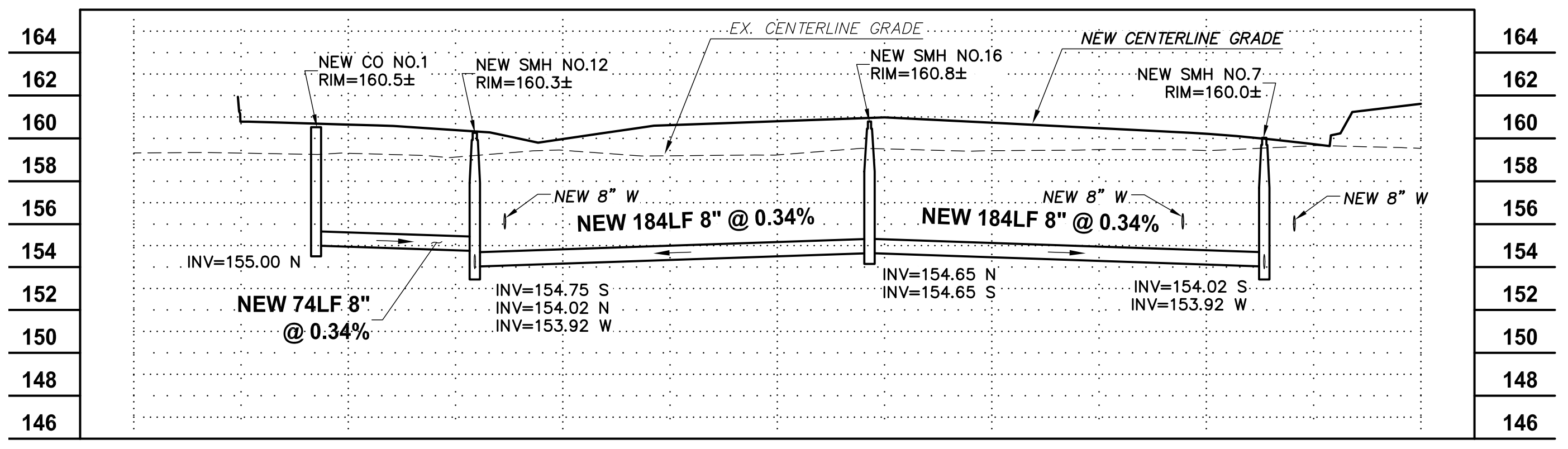
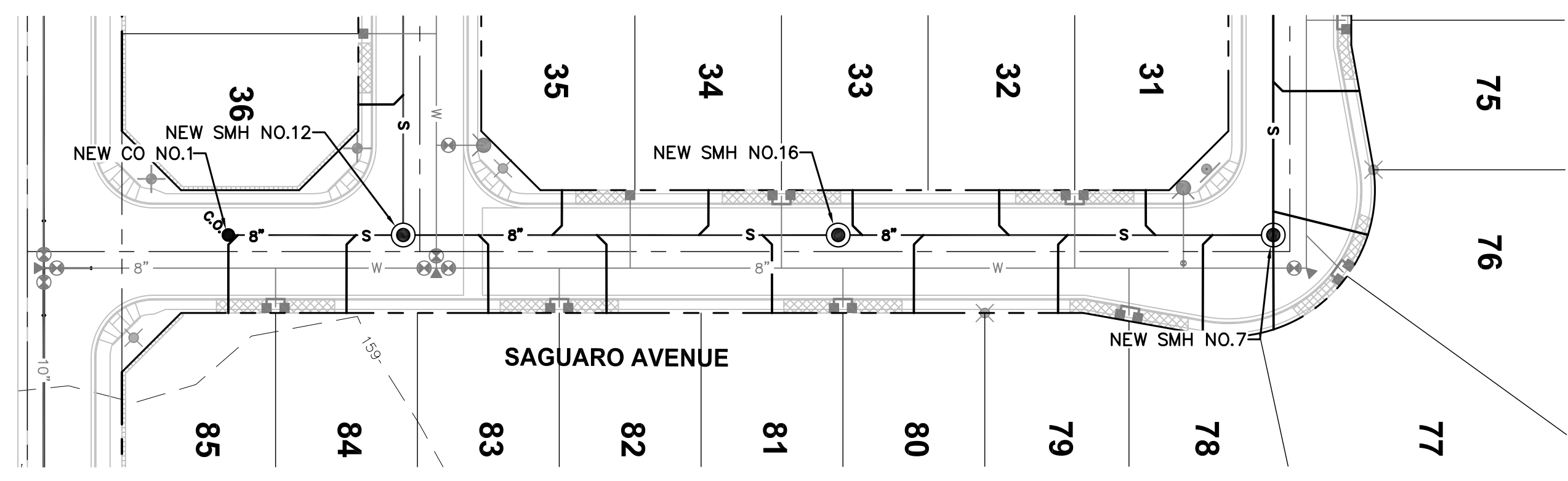
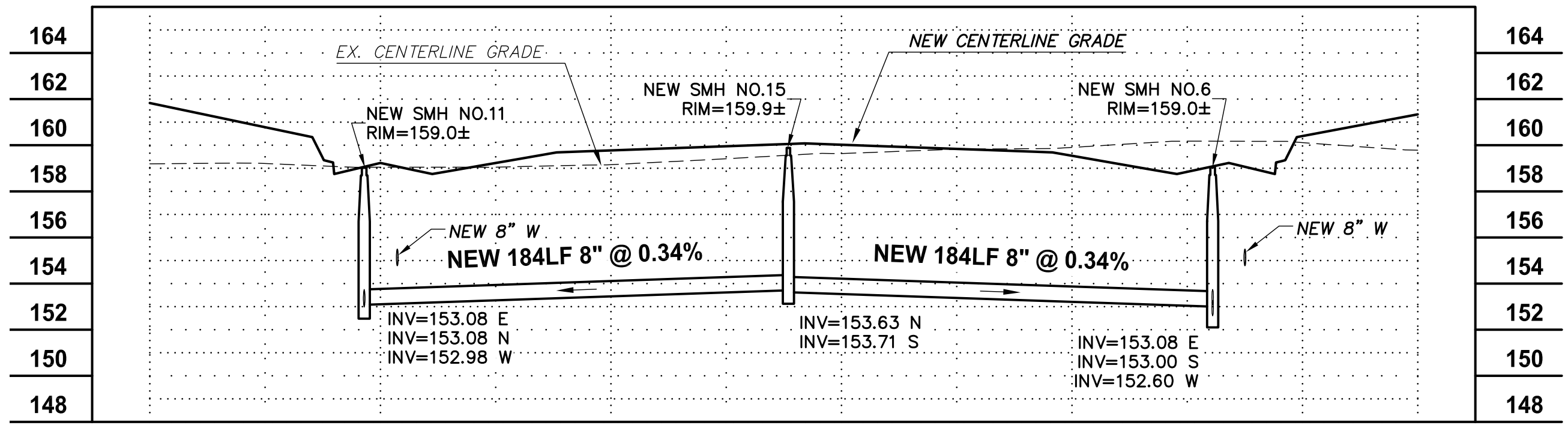
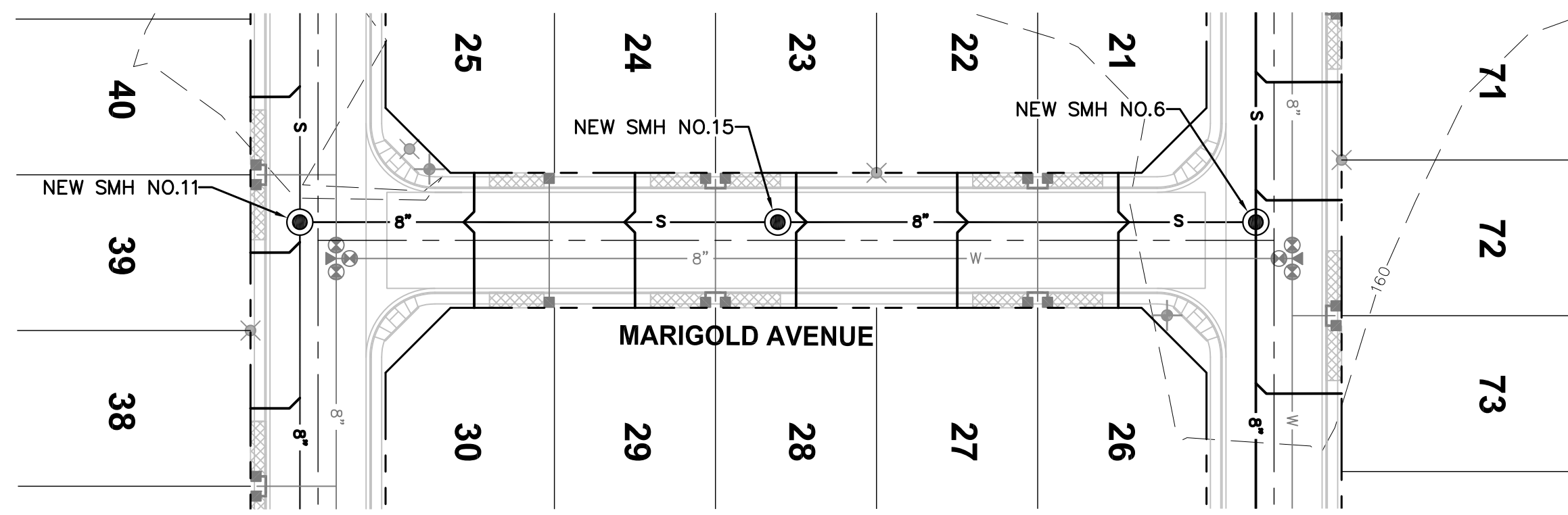
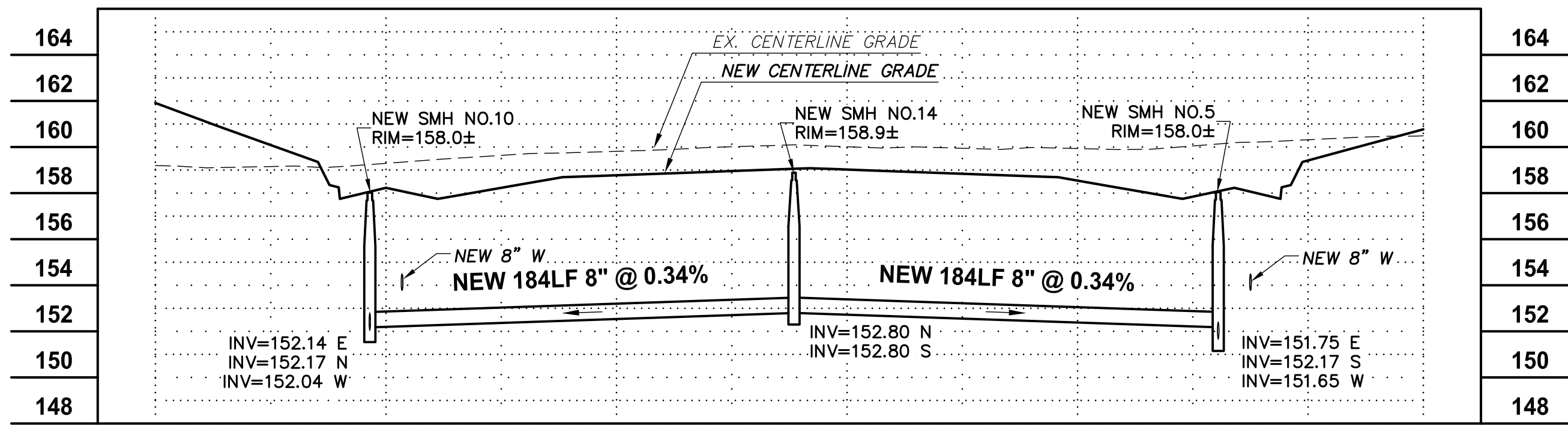
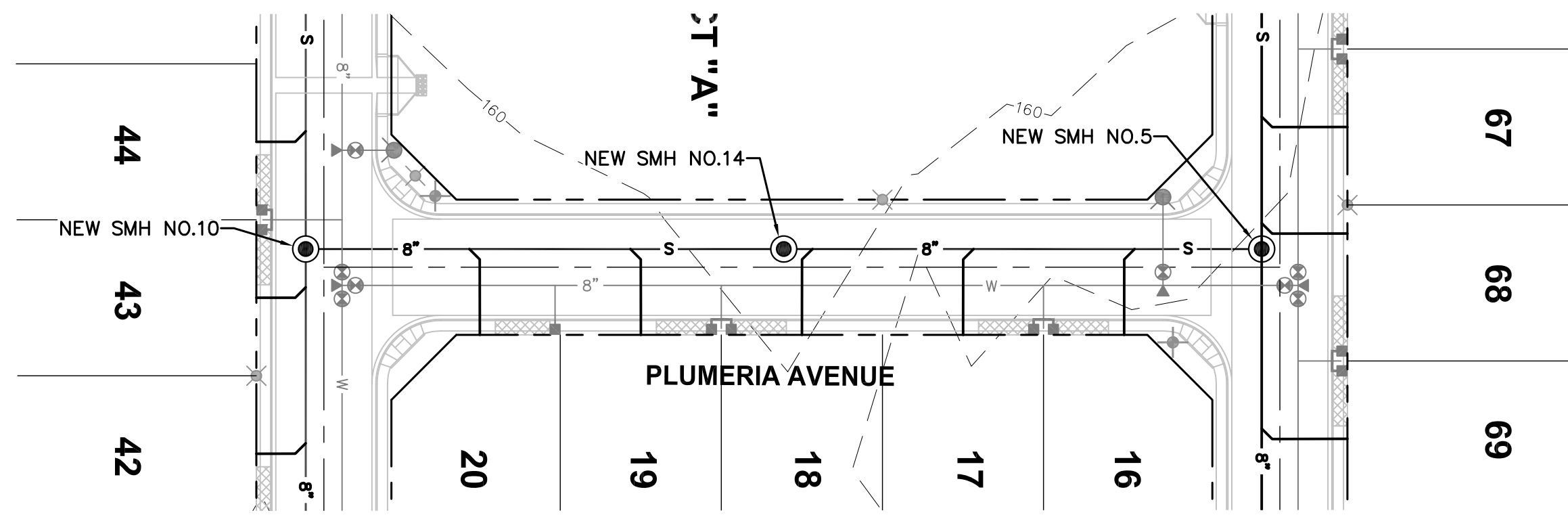
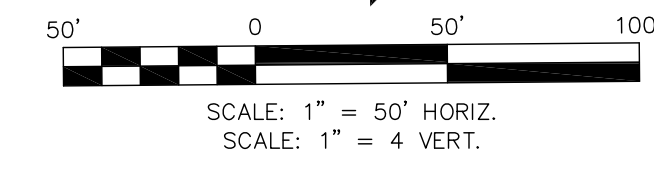
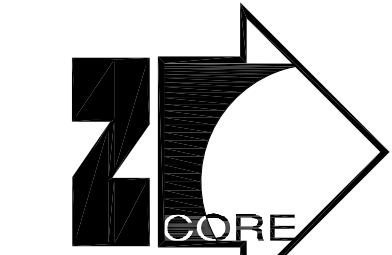
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Date: APRIL, 2024
 Designed: J.R.K.
 Drawn: J.R.K.
 Checked: D.J.N.
 Proj. No.: 23-026

C2.5
 SHEET

Title: 13 April 2024 - 1:45pm - 2:00PM (3:00-5:00) (Print) Proj: Yuma_03-2024 Water & Sewer Profiles - Core Engineering Group, PLLC

DRAWING RECORD:
 No. _____
 DATE: _____



Title: 13 April 2024 - 1:45pm - 2:00pm (3:00pm) Final Plan (10/23/24) Water & Sewer Plan - Core Engineering Group, PLLC

DRAWING RECORD:

No.	
DATE:	

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 SECTION 15, TOWNSHIP 11 SOUTH, RANGE 24 WEST

SEWER PLAN & PROFILE

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

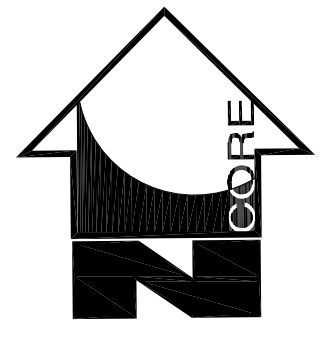
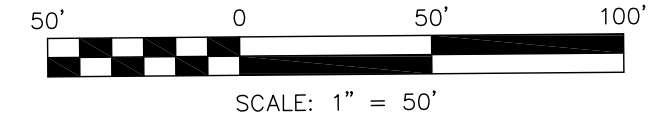
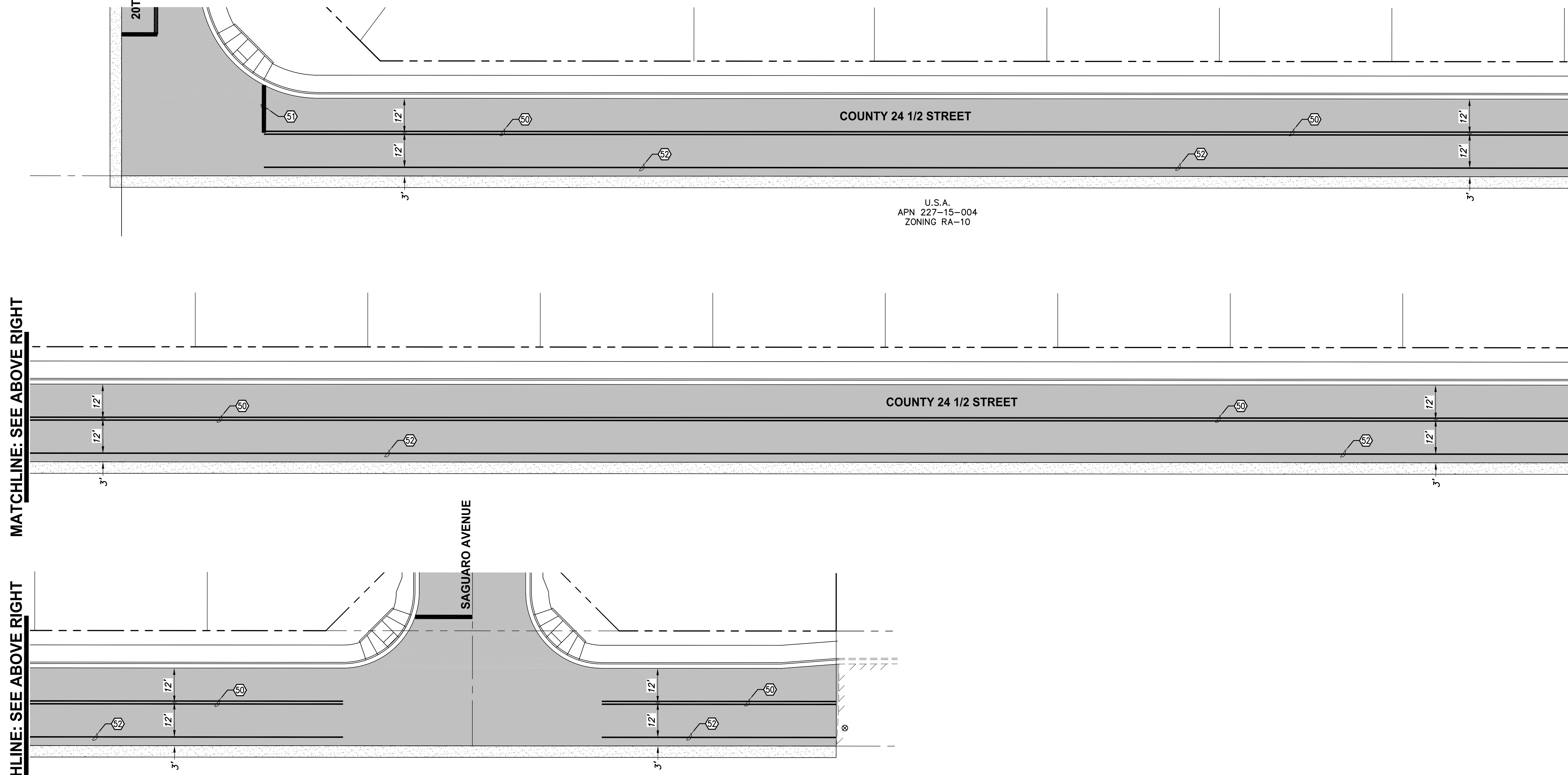
Professional Engineer
 CERTIFICATE NO. 32329
 DOUGLAS J. NICHOLLS
 License No. 17274
 ARIZONA, U.S.A.

Date: APRIL, 2024
 Designed: J.R.K.
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Title: 13 April 2024 - 1:58pm - 2:10:53 PM - 028 (pav) Pav Marking Plan - 23-026 Pavement Marking Plan - Core Engineering Group, PLLC

MATCHLINE: SEE ABOVE RIGHT



MATCHLINE: SEE BELOW LEFT

MATCHLINE: SEE BELOW LEFT

PAVEMENT MARKING SCHEDULE OF WORK

- 50 6" DOUBLE SOLID YELLOW WHITE THERMOPLASTIC STRIPE (6DSY)
- 51 18" SOLID WHITE THERMOPLASTIC STRIPE (18SW)
- 52 6" SOLID WHITE THERMOPLASTIC STRIPE (6SW)

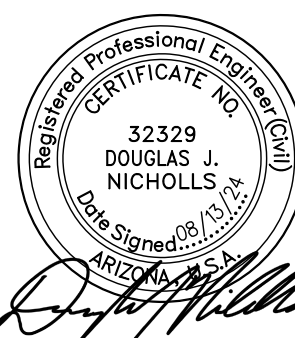
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C3.0

SHEET

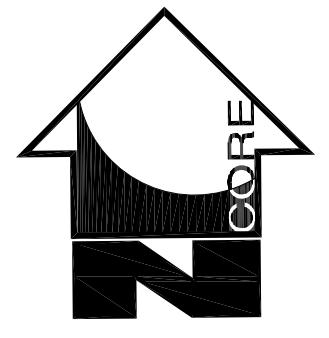
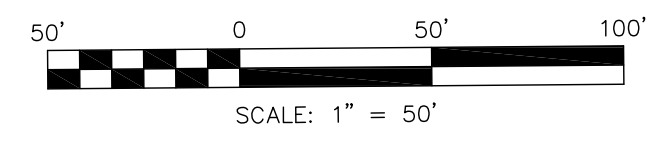
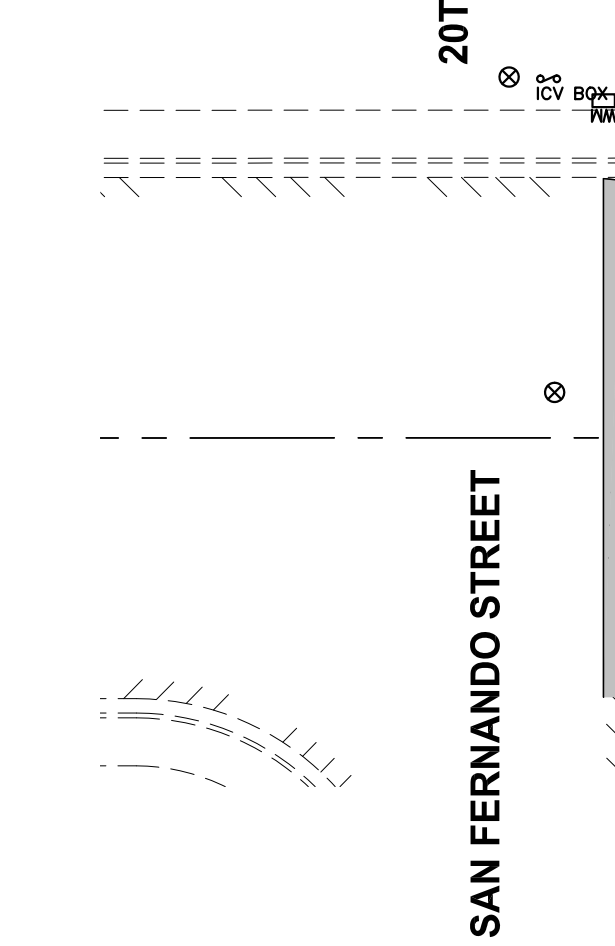
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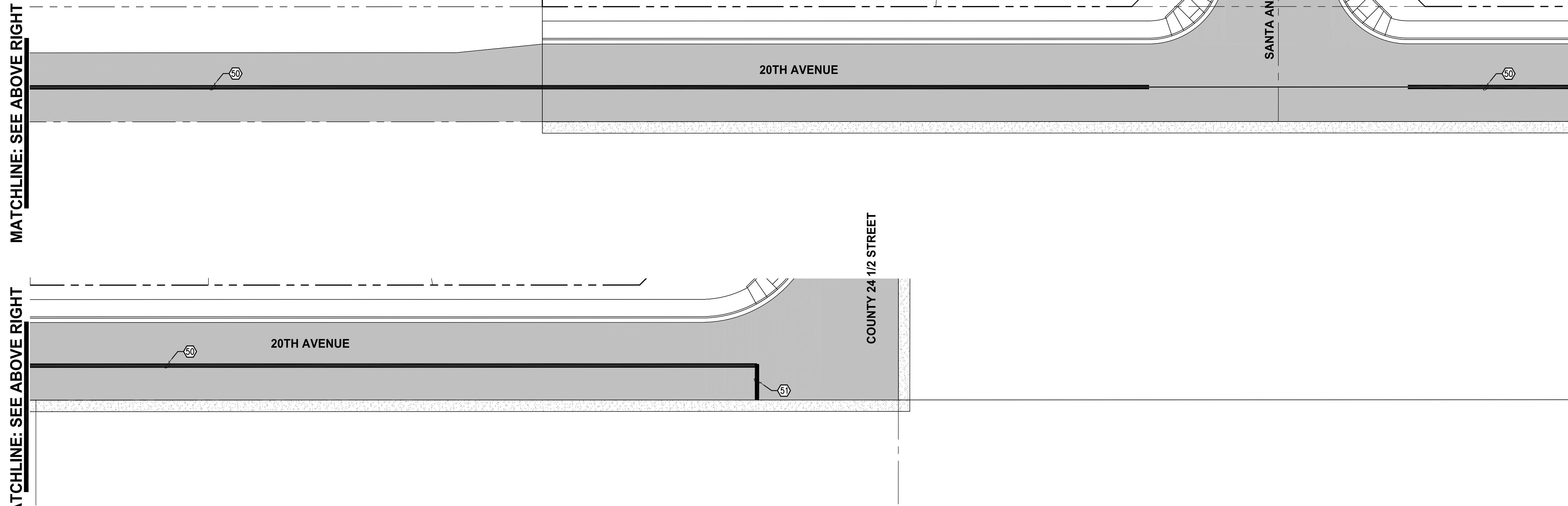
Title: 13 April 2024 - 1:58pm - 2:10:23 PM - 028 (pmp) (Pmp) Proj: 2403-028 Pavement Marking Plan - Core Engineering Group, PLLC

MATCHLINE: SEE ABOVE RIGHT



MATCHLINE: SEE BELOW LEFT

MATCHLINE: SEE ABOVE RIGHT



MATCHLINE: SEE BELOW LEFT

PAVEMENT MARKING SCHEDULE OF WORK

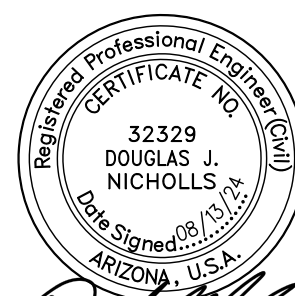
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BELLEZA DEL DESIERTO UNIT III
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 SECTION 15, TOWNSHIP 11 SOUTH, RANGE 24 WEST



Douglas J. Nicholls

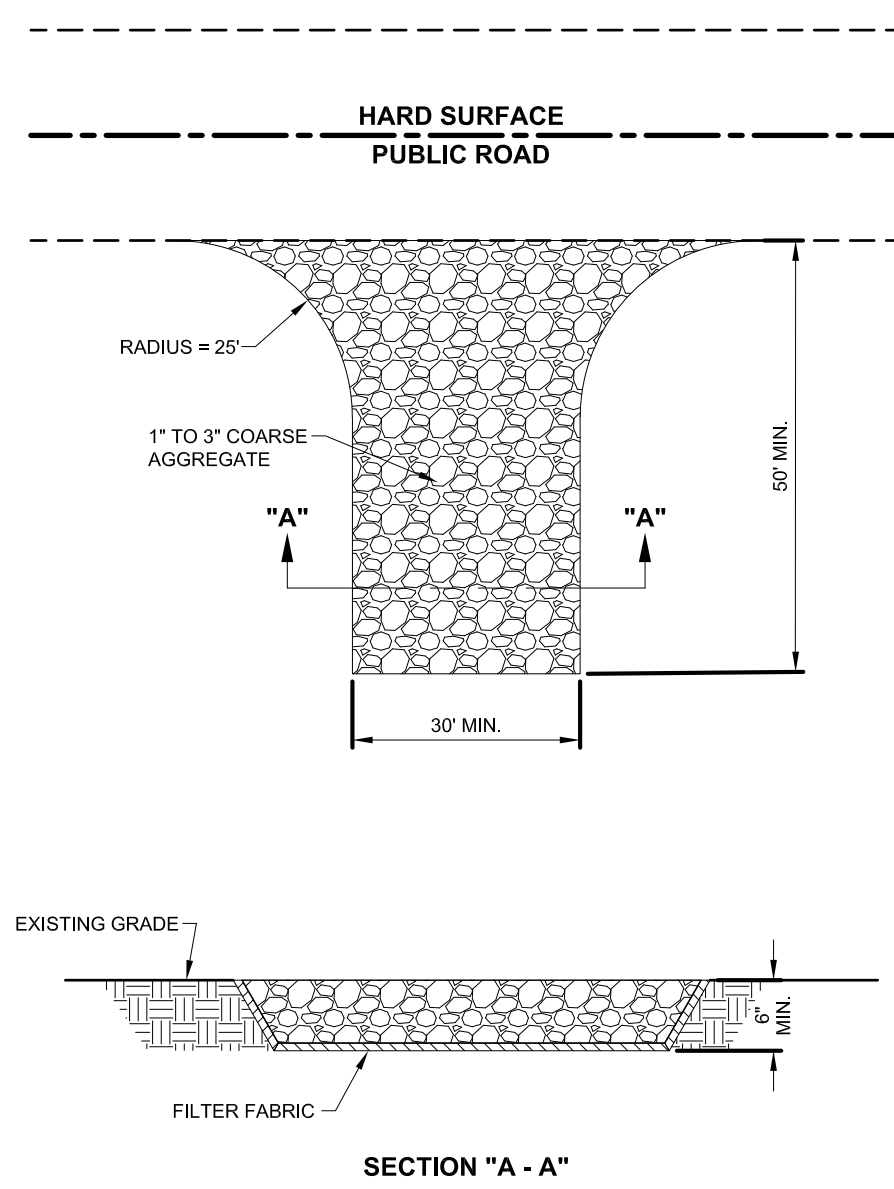
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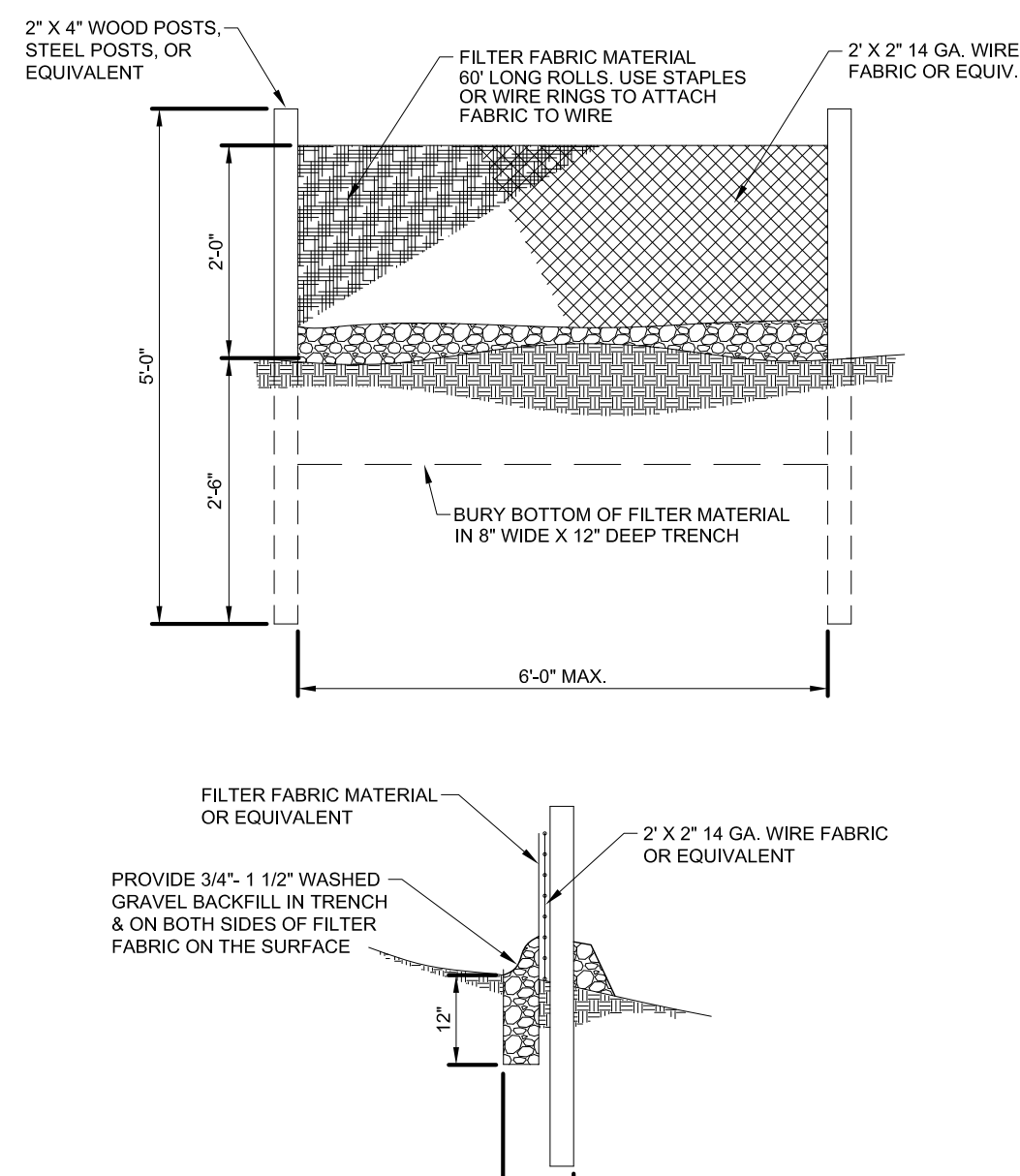
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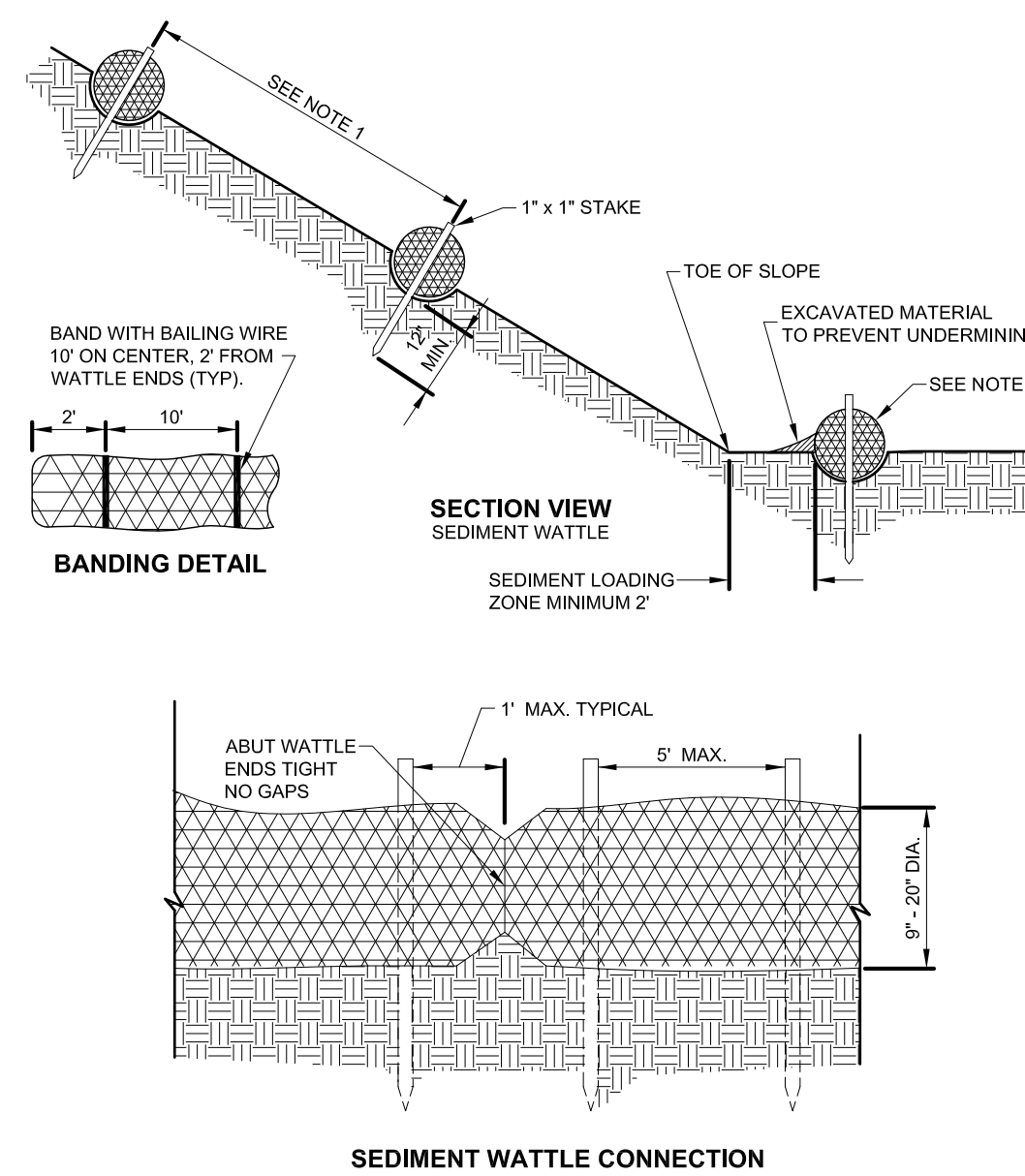
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Issued: May 2019
 CITY OF YUMA
 CONSTRUCTION STANDARD DETAIL DRAWINGS
STANDARD NO. 11-075
STABILIZED CONSTRUCTION
EXIT/ENTRANCE

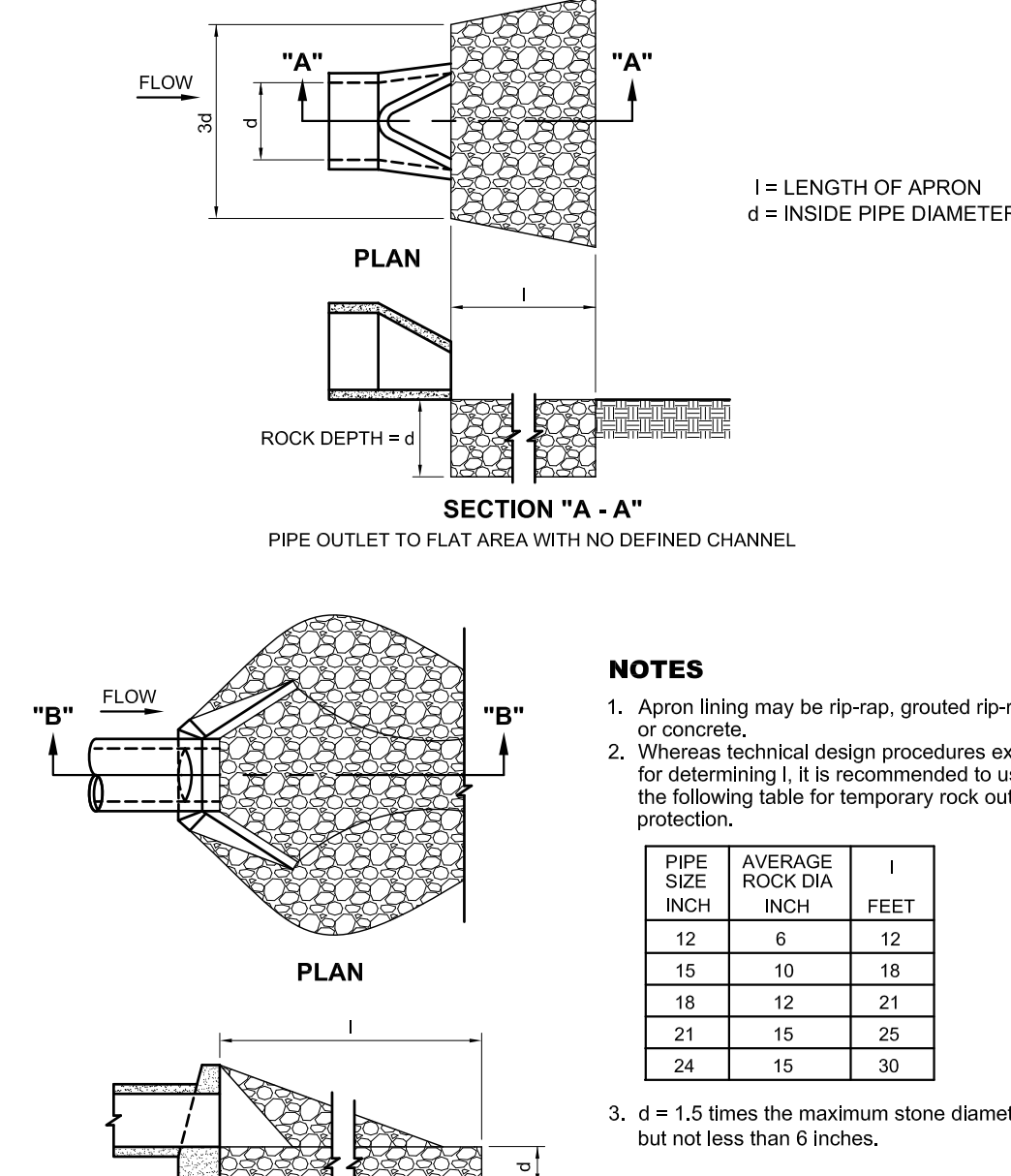


Issued: May 2019
 CITY OF YUMA
 CONSTRUCTION STANDARD DETAIL DRAWINGS
STANDARD NO. 11-080
SILT FENCE



NOTES
 1. Slope Ratio Spacing Interval
 2:1 10'
 3:1 20'
 4:1 30'
 5:1 40'
 2. Bottom wattle to be 20" min. diameter. Silt fence may be used in place of bottom wattle.

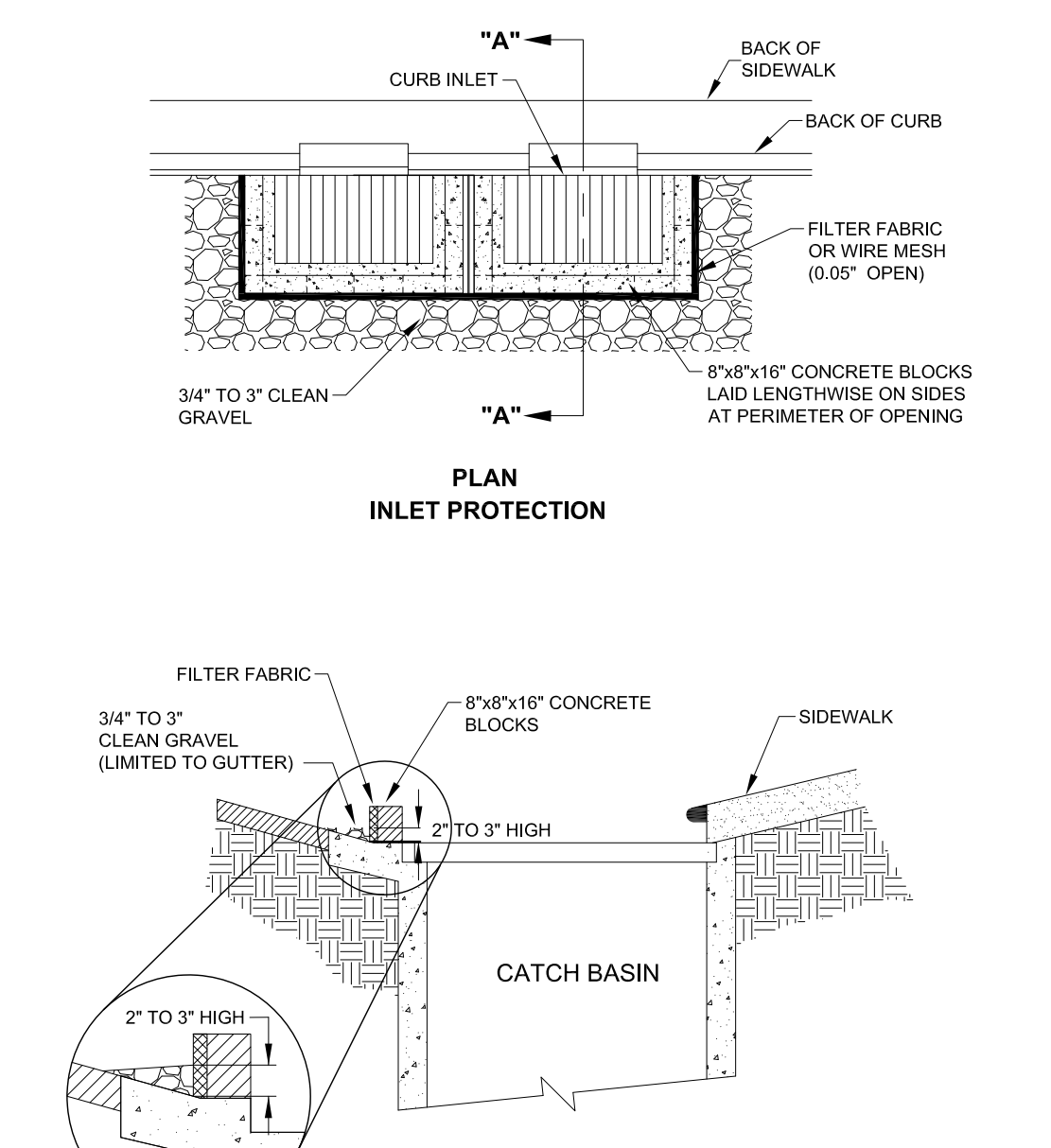
Issued: May 2019
 CITY OF YUMA
 CONSTRUCTION STANDARD DETAIL DRAWINGS
STANDARD NO. 11-085
SEDIMENT WATTLE



NOTES
 1. Apron lining may be rip-rap, grouted rip-rap, or concrete.
 2. Whereas technical design procedures exist for determining I, it is recommended to use the following table for temporary rock outlet protection.
 3. d = 1.5 times the maximum stone diameter but not less than 6 inches.

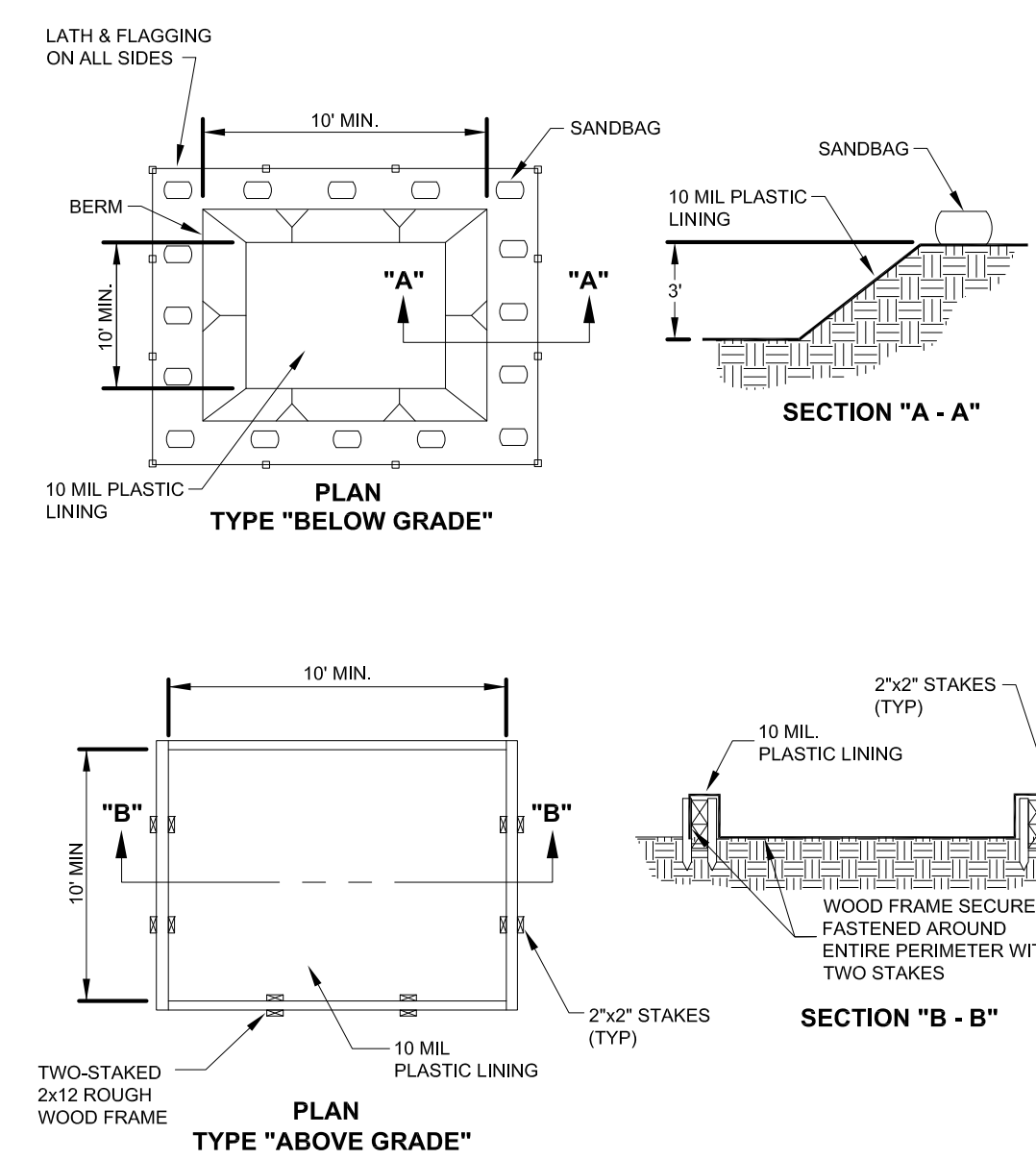
PIPE SIZE INCH	AVERAGE ROCK DIA INCH	I FEET
12	6	12
15	10	18
18	12	21
21	15	25
24	15	30

Issued: May 2019
 CITY OF YUMA
 CONSTRUCTION STANDARD DETAIL DRAWINGS
STANDARD NO. 11-095
PIPE OUTLET PROTECTION



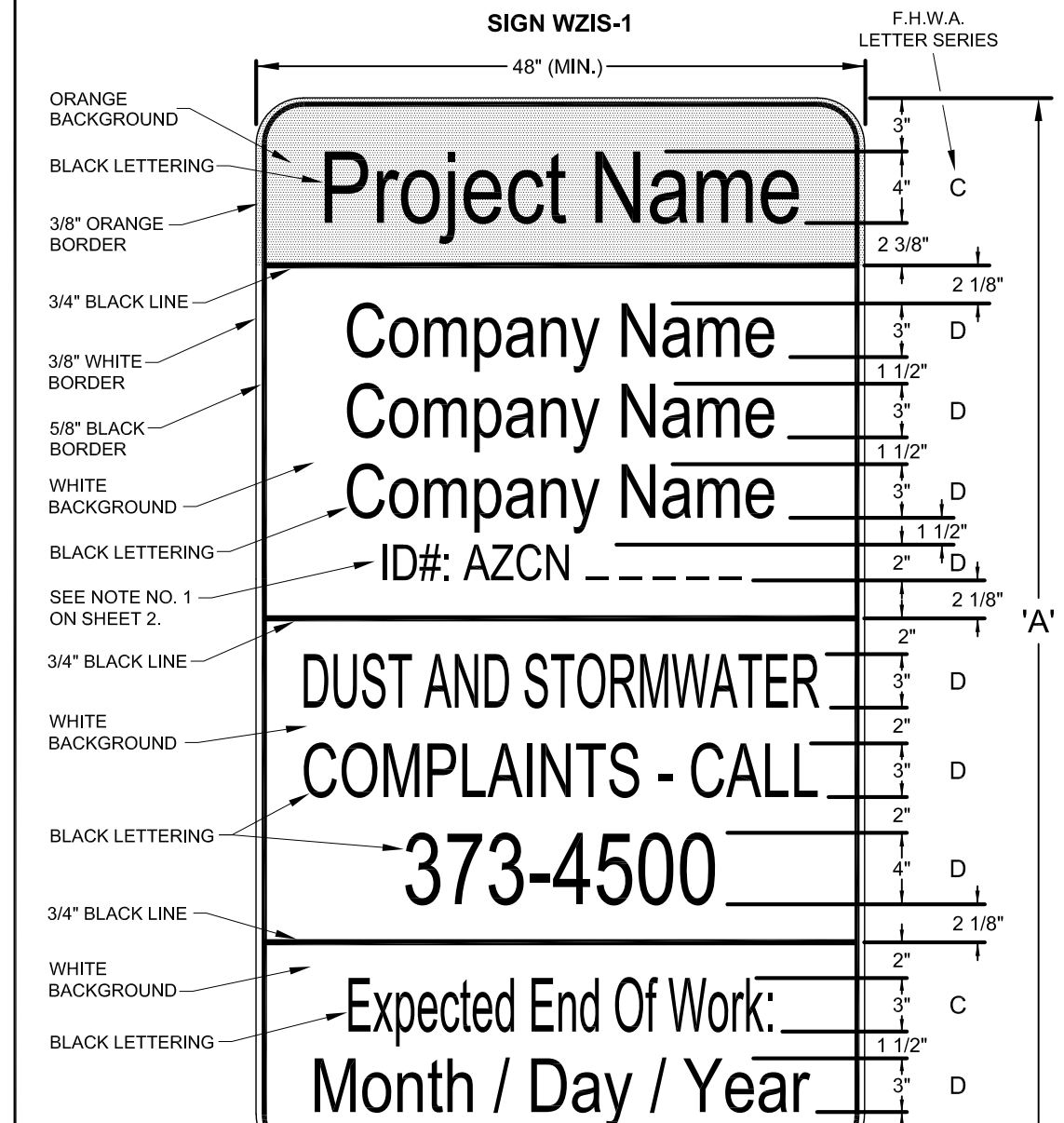
NOTE
 1. Special caution should be exercised when installing inlet protection on publicly traveled streets or in developed areas.

Issued: May 2019
 CITY OF YUMA
 CONSTRUCTION STANDARD DETAIL DRAWINGS
STANDARD NO. 11-115
INLET PROTECTION



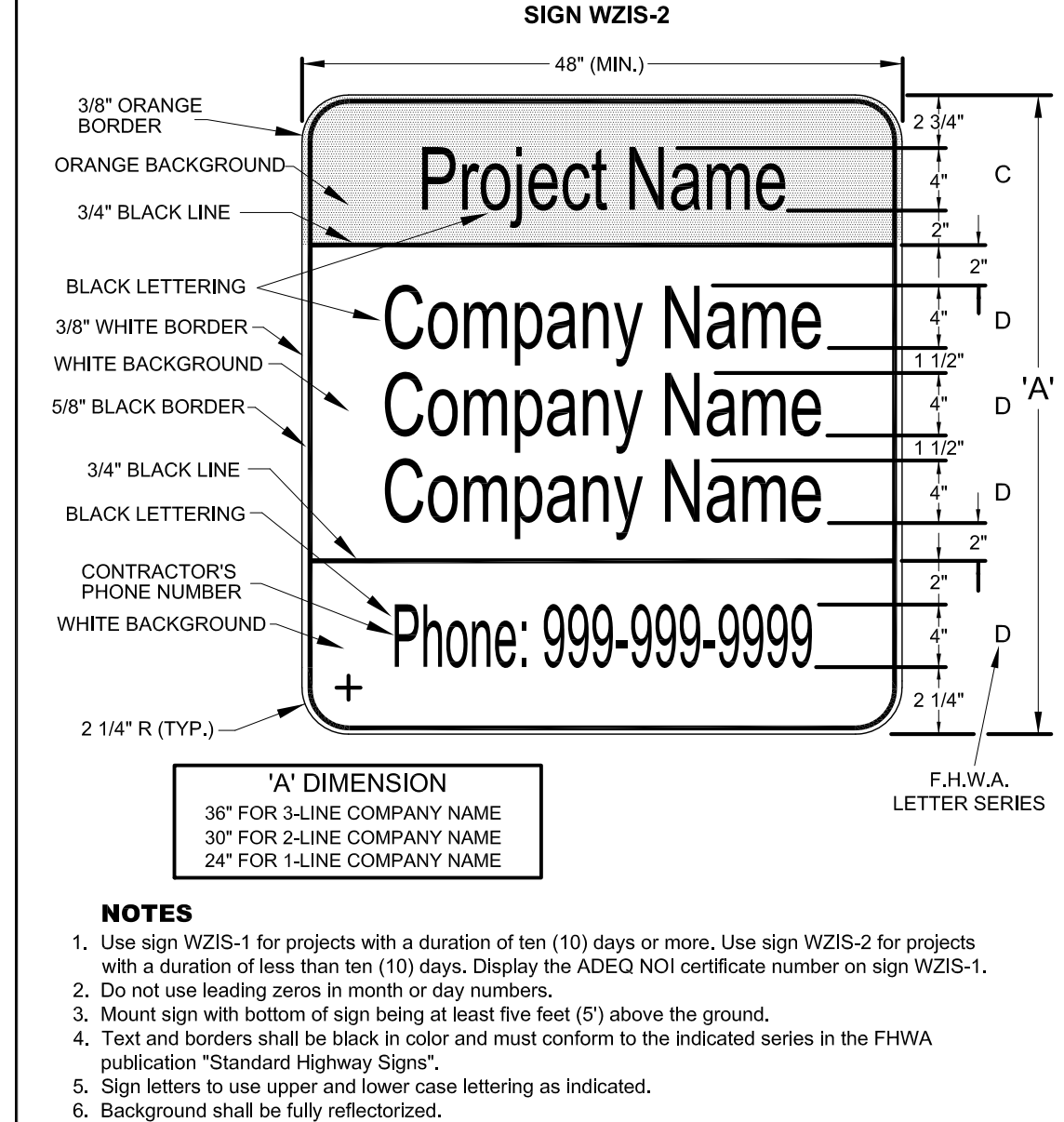
NOTES
 1. Actual layout determined in field.
 2. The concrete washout sign shall be installed within 30 ft. of the temporary concrete washout facility.
 3. Grade underneath liner shall be clear of debris and large rocks.

Issued: May 2019
 CITY OF YUMA
 CONSTRUCTION STANDARD DETAIL DRAWINGS
STANDARD NO. 11-120
CONCRETE WASHOUT AREA



'A' DIMENSION
 59.5" FOR 3-LINE COMPANY NAME
 65" FOR 2-LINE COMPANY NAME
 50.5" FOR 1-LINE COMPANY NAME

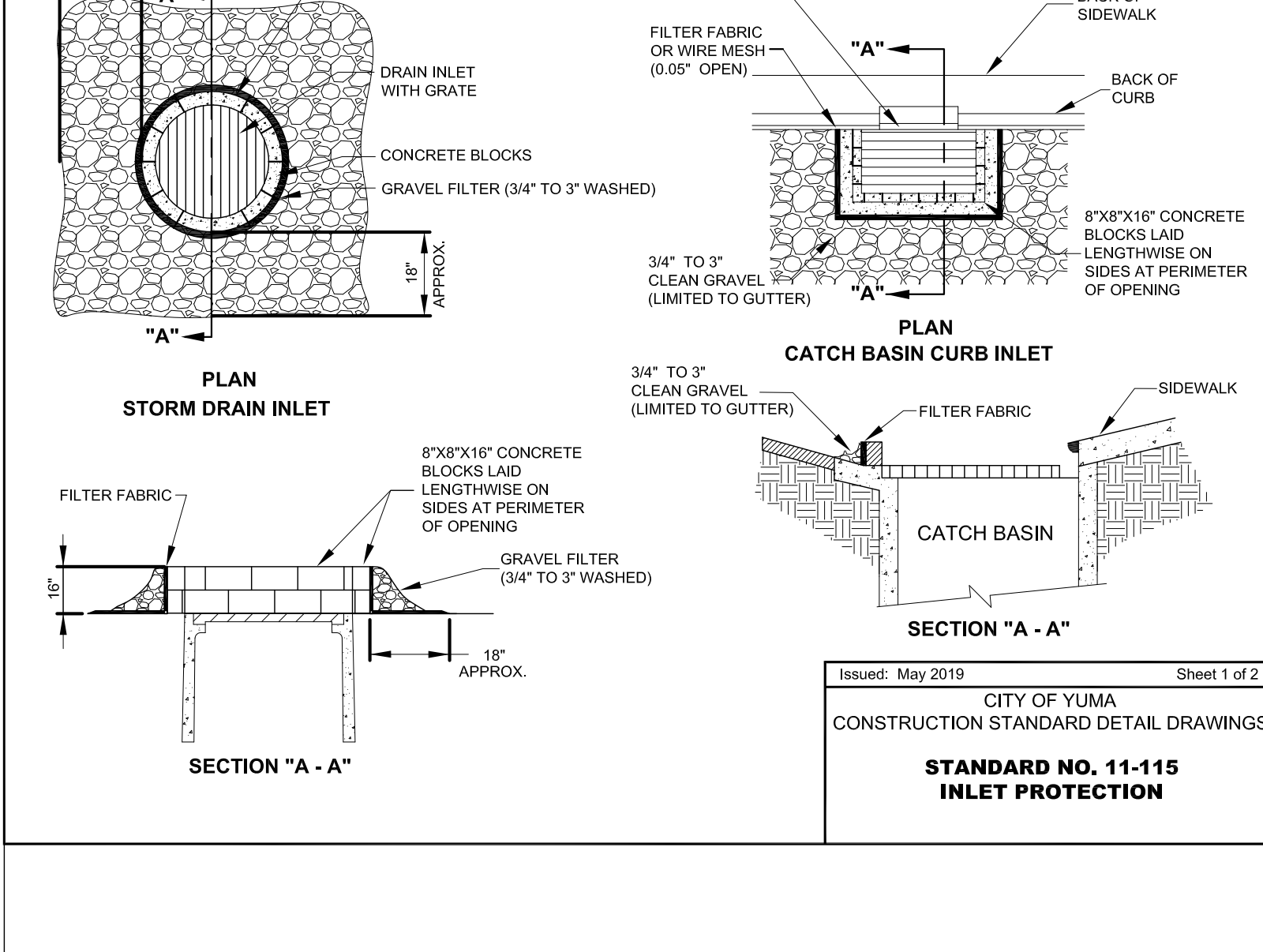
Issued: May 2019
 CITY OF YUMA
 CONSTRUCTION STANDARD DETAIL DRAWINGS
STANDARD NO. 8-045
WORK ZONE
IDENTIFICATION SIGN



'A' DIMENSION
 36" FOR 3-LINE COMPANY NAME
 30" FOR 2-LINE COMPANY NAME
 24" FOR 1-LINE COMPANY NAME

NOTES
 1. Use sign WZIS-1 for projects with a duration of ten (10) days or more. Use sign WZIS-2 for projects with a duration of less than ten (10) days. Display the ADEQ NOI certificate number on sign WZIS-1.
 2. Do not use leading zeros in month or day numbers.
 3. Mount sign with bottom of sign being at least five feet (5') above the ground.
 4. Text and borders shall be black in color and must conform to the indicated series in the FHWA publication "Standard Highway Signs".
 5. Sign letters to use upper and lower case lettering as indicated.
 6. Background shall be fully reflectorized.
 7. Adjust spacing as necessary within the COMPANY NAME area for 1-line and 2-line company names.
 8. Contractor's phone shall be monitored 24 hours a day, seven days a week.

Issued: May 2019
 CITY OF YUMA
 CONSTRUCTION STANDARD DETAIL DRAWINGS
STANDARD NO. 8-045
WORK ZONE
IDENTIFICATION SIGN



Issued: May 2019
 CITY OF YUMA
 CONSTRUCTION STANDARD DETAIL DRAWINGS
STANDARD NO. 11-115
INLET PROTECTION

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