

# SANTA CECILIA No. 2 SUBDIVISION

## GENERAL NOTES

- STANDARDS AND SPECIFICATIONS**  
ALL CONSTRUCTION IS TO BE IN ACCORDANCE WITH CITY OF SAN LUIS STANDARDS, INCLUDING THE ADOPTED CITY OF YUMA CONSTRUCTION STANDARD DETAIL DRAWINGS, THE MAG UNIFORM STANDARD SPECIFICATIONS AND THE CITY OF YUMA STANDARDS AND THE MAC SPECIFICATION, AND THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY REGULATIONS, UNLESS OTHERWISE SPECIFICALLY NOTED ON THESE PLANS.
- UTILITIES**  
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE BLUE STAKE CENTER AT 1-800-STAKE-IT TO EXACTLY LOCATE THE UNDERGROUND UTILITIES WITHIN THE CONSTRUCTION AREA TWO WORKING DAYS BEFORE ANY EXCAVATION BEGINS, OR THE INCLUSION OF UTILITY LOCATIONS ON THE PLANS IS NOT BE CONSIDERED AS THE NONEXISTENCE OF, OR A DEFINITE LOCATION OF, EXISTING UNDERGROUND UTILITIES. THE LOCATION OF UNDERGROUND UTILITIES ILLUSTRATED ON THE PLANS IS APPROXIMATE. THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR DAMAGED UTILITIES.
- AS-BUILT DRAWINGS**  
THE CONTRACTOR SHALL MAINTAIN ONE SET OF PLANS ON THE JOB SITE AND SHALL RECORD IN RED COLORED PENCIL ALL CASES WHERE ACTUAL FIELD CONSTRUCTION DIFFERS FROM WORK SHOWN ON THE PLANS. ALL CONCEALED WORK AND UTILITY LOCATIONS SHALL BE DIMENSIONED AND REFERENCED. THE MARKED-UP SET OF DRAWINGS SHALL BE DELIVERED TO THE ENGINEER UPON COMPLETION OF THE WORK WHICH SHALL REFLECT "AS-BUILT" MODIFICATIONS.
- DUST CONTROL**  
DUE TO THE LOCATION OF THE WORK THE CONTRACTOR MUST MAKE SPECIAL EFFORTS TO CONTROL DUST DURING THE PROCESS OF THE WORK. DUST SHALL BE MAINTAINED TO A MINIMUM BY REGULAR APPLICATIONS OF WATER NECESSARY AND AS DIRECTED BY THE ENGINEER. AT THE CONCLUSION OF THE PROJECT, THE CONTRACTOR SHALL SWEEP THE STREETS TO REMOVE ALL LOOSE DIRT AND DUST RESULTING FROM THE CONSTRUCTION OPERATIONS.
- BARRICADES**  
CONTRACTOR SHALL PROVIDE LIGHTED BARRICADES POSITIONED ON FOUR FOOT CENTER AROUND THE PERIMETER OF OPEN EXCAVATIONS AT THE CONCLUSION OF THE WORK DAY.
- CLEANUP**  
THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL UNCLASSIFIED EXCAVATION MATERIAL, EXISTING PAVEMENT, CONCRETE DEBRIS AND ALL OTHER MATERIAL RESULTING FROM DEMOLITION ACTIVITIES.
- PERMITS**  
THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND BUSINESS LICENSES AND SHALL NOTIFY THE CITY OF SAN LUIS, ARIZONA, AND EDAS ENGINEERING, INC. AT LEAST 72 HOURS PRIOR TO COMMENCING WORK AND AT LEAST 48 HOURS PRIOR TO REQUIRING AN INSPECTION.
- SANITARY FACILITIES**  
IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SANITARY FACILITIES ON THE LOCATION OF THE PROJECT FOR USE BY THE CONTRACTOR'S EMPLOYEES.
- POWER LINES**  
THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH OVERHEAD ELECTRIC LINE CONDITIONS AND TAKE NECESSARY PRECAUTIONS, TO PROTECT AGAINST INJURY AND DAMAGE DURING CONSTRUCTION.
- TRAFFIC CONTROL**  
IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE AND MAINTAIN PROPER SIGNS, BARRICADES AND WARNING LIGHTS TO CONTROL THE TRAFFIC AND TO ASSURE THE PUBLIC'S HEALTH, WELFARE AND SAFETY. ALL DEVICES MUST CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- CHANGES**  
THE CONTRACTOR SHALL NOTIFY THE CITY OF SAN LUIS, AZ. AND THE ENGINEER IMMEDIATELY OF ANY CONDITIONS REQUIRING CHANGE TO THE PLANS.
- ACCESS TO ADJACENT PROPERTY**  
ACCESS TO ADJACENT PROPERTIES, CROSS STREETS OR USE OF STREETS SCHEDULED FOR IMPROVEMENT MUST BE REASONABLY MAINTAINED FOR NORMAL ACCESS AND LOCAL BUSINESSES AND RESIDENTS.
- CONSTRUCTION STAKING**  
ALL CONSTRUCTION STAKING WILL BE PROVIDED BY THE CONTRACTOR. CONSTRUCTION STAKING MUST BE DONE BY A PROFESSIONAL ENGINEER OR LAND SURVEYOR.
- ANY ITEM OF WORK CALLED OUT BY THE CONTRACT PLANS OR SPECIFICATIONS AND NOT SPECIFICALLY NOTED AS A BID ITEM ON THE PROPOSAL SHALL BE CONSIDERED INCIDENTAL TO SAID BID ITEM.
- REFER TO SUBDIVISION PLAT FOR ALL BOUNDARY INFORMATION AND DIMENSIONS.
- THE CONTRACTOR WILL PROVIDE THE ENGINEER AND THE CITY OF SAN LUIS, AZ. WITH CERTIFIED COMPACTION, CONCRETE, AND LABORATORY TESTS AS REQUIRED BY THE CITY OF SAN LUIS STANDARD SPECIFICATIONS FOR ALL WORK WITHIN CITY OF SAN LUIS RIGHT-OF-WAYS PRIOR TO ACCEPTANCE OF THE PROJECT.
- ALL MATERIAL SUPPLIED MUST BE SUBMITTED AS "SUBMITTALS FOR CONSTRUCTION".
- IF THE CONTRACTOR FINDS ANY DISCREPANCY OR OMISSION IN THESE PLANS, HE SHALL NOTIFY THE ENGINEER BEFORE ANY INTERPRETATION OR DECISION IS MADE WHICH WILL AFFECT THE CONSTRUCTION COST, APPEARANCE, QUALITY, OR PERFORMANCE OF THE COMPLETE WORK.
- THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OR FOR SAFETY PRECAUTIONS OR PROGRAMS UTILIZED IN CONNECTION WITH THE WORK, AND HE WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- UNDERGROUND UTILITIES SHOWN HEREON ARE ONLY APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATION, DEPTH AND ROUTING OF UTILITIES BEFORE CONSTRUCTION.
- ALL EXISTING MONUMENTATION SHALL BE REFERENCED PRIOR TO CONSTRUCTION AND REPLACED IF DISTURBED AFTER ALL WORK IS COMPLETED BY CONTRACTOR.
- PAVING CONTRACTOR TO COORDINATE WITH IRRIGATION AND UTILITY CONTRACTORS TO INSURE INSTALLATION OF IRRIGATION AND ELECTRICITY CONDUITS AND ALL UNDERGROUND UTILITIES PRIOR TO PAVING OR PLACING ABC.
- PAVING CONTRACTOR TO PROVIDE ALL BACKFILL REQUIRED BEHIND ALL NEW IMPROVEMENTS IN ACCORDANCE WITH THE TYPICAL DETAILS AND SLOPE LINES SHOWN HEREON.

## GENERAL WATER NOTES

- ALL WATER LINE CONSTRUCTION HEREON TO BE IN ACCORDANCE WITH CITY OF SAN LUIS STANDARDS, INCLUDING THE ADOPTED CITY OF YUMA CONSTRUCTION STANDARD DETAIL DRAWINGS, THE MAG UNIFORM STANDARD SPECIFICATIONS AND THE CITY OF SAN LUIS SUPPLEMENT TO THE CITY OF YUMA STANDARDS AND THE MAC SPECIFICATION, AND THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY REGULATIONS, UNLESS OTHERWISE SPECIFICALLY NOTED ON THESE PLANS.
- 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 THE PLANS. TO INCLUDE SERVICE LOCATIONS.
- ALL WATER LINES WILL BE PRESSURE AND LEAKAGE TESTED TO 150 PSI FOR 2 HOURS. SEE THIS SHEET FOR TEST PROCEDURE.
- WATER CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A COPY OF THE BACTERIOLOGICAL TEST RESULTS TAKEN ON THE SYSTEM.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE BLUE STAKE CENTER TO LOCATE ALL UNDERGROUND EQUIPMENT WITHIN THE CONSTRUCTION AREA 48 HOURS PRIOR TO THE START OF ANY EXCAVATION. CALL THE BLUE STAKE CENTER AT 1-800-782-5348. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATIONS OF ALL EXISTING UTILITIES. PRIOR TO ANY CONSTRUCTION LOCATION OF UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND INFORMATION ONLY.
- THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES FROM DAMAGE DUE TO HIS OPERATIONS. ANY DAMAGE TO THE UTILITIES SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.
- DEFLECT 8" WATER LINE AS SHOWN. MAX. ACCEPTABLE DEFLECTION OF 8" PIPE PER STANDARD 20' LENGTH TO BE 9"; NO DEFLECTION TO OCCUR AT JOINT.
- THE ENGINEER SHALL REVIEW ALL PIPE (WATER) MATERIAL SUBMITTALS TO ENSURE CONFORMANCE TO REQUIREMENTS BEFORE THE START OF CONSTRUCTION.
- ALL WATER LINES (MANS AND SERVICES) SHALL INCLUDE THE INSTALLATION OF TRACER WIRE IN ACCORDANCE WITH STANDARD DETAIL No. 5-210.
- THE END OF EACH WATER LINE TO HAVE A TEMPORARY OR PERMANENT BLOWOFF VALVE, AS SHOWN IN PLANS.
- THE CONTRACTOR MUST COORDINATE CONSTRUCTION INSPECTION WITH THE ENGINEER.
- WATER/SEWER LINES SEPARATION NEEDS TO BE IN ACCORDANCE WITH A.A.C. R18-4-502.C.
- A MINIMUM OF SEVEN FEET SHALL BE MAINTAINED BETWEEN PARALLEL WATER AND SEWER LINES AND WATER AND SEWER SERVICE LINES
- SEWER MAINS AND SERVICES SHALL BE CLASS C909 PVC PIPE FOR A DISTANCE OF 7' IN BOTH DIRECTIONS FROM A WATER MAIN OR SERVICE WHEN:
  - SEWER MAIN OR SERVICE CROSSES LESS THAN 2' BELOW A WATER MAIN OR SERVICE;
  - WATER MAIN OR SERVICE CROSSES BELOW A SEWER MAIN OR SERVICE. [A MINIMUM OF 24" SEPARATION SHALL BE MAINTAINED VERTICALLY BETWEEN WATER AND SEWER MAINS AND SERVICES].
- FLANGE BOLTS SHALL BE PROTECTED BY 10 MIL POLYETHYLENE WRAP.
- WATER MAINS AND VALVES SHALL BE FLUSHED AND DISINFECTED BY THE "GENERAL METHOD" DESCRIBED IN THE 1978 ARIZONA DEPARTMENT OF HEALTH SERVICES ENGINEERING BULLETIN NO. 8.
- ENGINEERING PERSONNEL SHALL BE PRESENT WHEN WATER MAINS ARE BOTH FLUSHED AND PRESSURE TESTED.
- ALL TEES, 90 DEGREE ELLS, BENDS, HYDRANTS AND DEAD END PLUGS SHALL BE THRUST BLOCKED WITH CAST-IN-PLACE CONCRETE AND SHALL BE MECHANICAL JOINT (MEGA LUG) FITTINGS.
- NO STREET, WATER AND IMPROVEMENTS TO BE ACCEPTED BY CITY OF SAN LUIS FOR MAINTENANCE UNTIL "AS-BUILT", CERTIFIED, REPRODUCIBLE PLANS ARE FILED WITH AND ACCEPTED BY FARWEST WATER & SEWER, INC. ENGINEER.
- WATER LINES 4" OR LARGER SHALL BE PVC C909 DR 18 CLASS 235.
- CONTRACTOR WILL PROVIDE THE ENGINEER WITH ALL REQUIRED COMPACTION AND CONCRETE TESTS.
- ALL WATER LINE INSTALLATION MUST MEET OR EXCEED STANDARDS ESTABLISHED IN ADHS BULLETIN NO. 10.
- ALL PVC WATER DISTRIBUTION PIPES MUST BE APPROVED BY AND SHALL BEAR THE NSF SEAL FOR POTABLE WATER USE.
- THE OWNER SHALL CONTACT A PROFESSIONAL ENGINEER TO PROVIDE DETAILED CONSTRUCTION INSPECTION SERVICES FOR THE PROPOSED PROJECT. UPON COMPLETION OF THE PROJECT, THE OWNER'S ENGINEER SHALL COMPLETE THE ADEQ "ENGINEER'S CERTIFICATE OF COMPLETION" DOCUMENTATION AND FORWARD SAME TO THE APPROPRIATE ODWDM REGIONAL OFFICE.
- ALL PIPES, FITTINGS, VALVES, COATINGS, ETC. SHALL CONFORM TO NSF STANDARD 61.
- IF DEAD ENDS ON WATER MAINS CANNOT BE AVOIDED, THEY MUST HAVE BLOW-OFF VALVES (MIN. DIA. 2")

## WATER LINE TESTING PROCEDURE

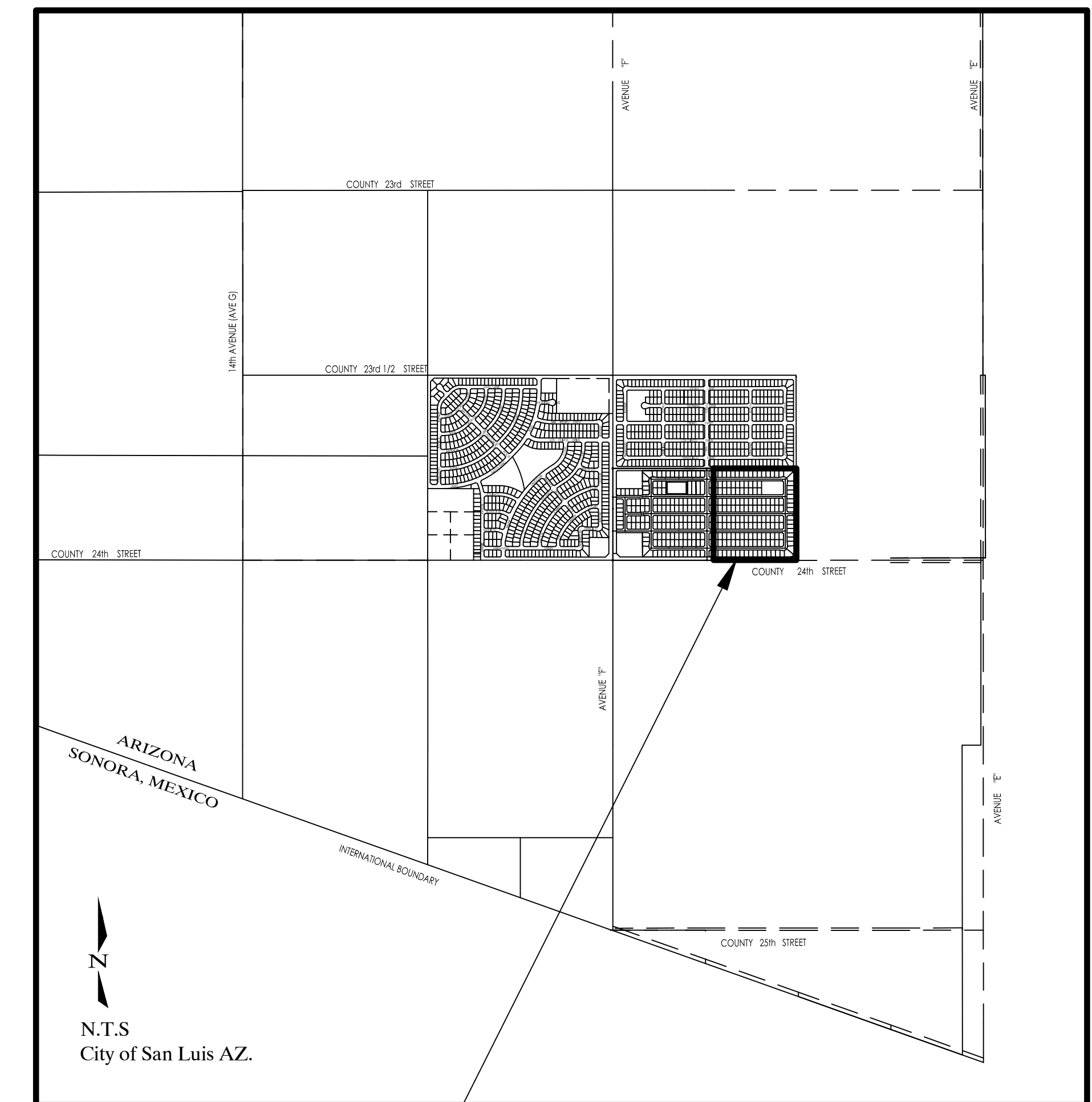
- ALL VISIBLE LEAKS SHALL BE REPAIRED REGARDLESS OF THE AMOUNT OF LEAKAGE AND REGARDLESS OF WHETHER THE LEAK DEVELOPS UNDER TEST PRESSURE OR LINE PRESSURE.
- INITIAL PRESSURES FOR BOTH THE PRESSURE TEST AND ALLOWABLE LEAKAGE TEST SHALL BE A MINIMUM OF 150 PSI
- A PRESSURE TEST WILL BE DEEMED AS SUCCESSFUL IF IT PASSES THE CRITERIA SET FORTH BY AWWA C-600, SEC. 94 (CURRENT EDITION) AND THAT CRITERIA NOTED ABOVE.
- 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 C-600, SECTION 94 (CURRENT EDITION) OR AWWA M-23 (CURRENT EDITION) WHICHEVER IS MORE RESTRICTIVE AND THAT CRITERIA NOTED ABOVE.
- DISINFECTION PROCEDURES FOR WATER LINES TO BE DONE AS PER AWWA C-605-94

## GENERAL SEWER NOTES

- SEWER CONSTRUCTION STAKING SHALL BE DONE UNDER THE SUPERVISION OF A REGISTERED ENGINEER OR SURVEYOR.
- CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF SITE AND SOIL CONDITION AND SHALL NOTIFY ALL UTILITY AGENCIES PRIOR TO EXCAVATION.
- CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONDITIONS REQUIRING CHANGE TO THE PLANS.
- CONTRACTOR SHALL NOTIFY CITY OF SAN LUIS PUBLIC WORKS PRIOR TO START OF CONSTRUCTION.
- STANDARD SPECIFICATIONS AND ARIZONA STATE HEALTH DEPARTMENT BUL. NO. 11 SHALL APPLY TO THIS PROJECT.
- A MINIMUM OF 7' SHALL BE MAINTAINED BETWEEN PARALLEL WATER AND SEWER LINES AND WATER AND SEWER MAINS.
- SEWER MAINS AND SERVICES SHALL BE CONSTRUCTED OF C909 PVC PIPE FOR A DISTANCE OF 7' IN BOTH DIRECTIONS FROM A WATER MAIN OR SERVICE WHEN:
  - SEWER MAIN OR SERVICE CROSSES LESS THAN 2' BELOW A WATER MAIN;
  - WATER MAIN OR SERVICE CROSSES BELOW A SEWER MAIN OR SERVICE [A MINIMUM OF 24" SEPARATION SHALL BE MAINTAINED VERTICALLY BETWEEN WATER AND SEWER MAINS AND SERVICES].
- NO STREET, WATER AND SEWER IMPROVEMENTS WILL BE ACCEPTED BY CITY OF SAN LUIS FOR MAINTENANCE UNTIL "AS-BUILT" CERTIFIED PLANS ARE FILED WITH AND ACCEPTED BY THE CITY OF SAN LUIS
- SEWER PIPE SHALL BE PVC, HAVE N.S.F. SEAL OF APPROVAL, AND MEET ASTM D-3034 SDR 35.
- SEWER MAINS SHALL BE PRESSURE AND LEAKAGE TESTED WITH 4 FEET OF HEAD UPSTREAM. ALLOWABLE LEAKAGE NOT TO EXCEED 200 GAL./IN. DIA./MILE OF PIPE/DAY.
- EXFILTRATION FROM MANHOLES SHALL BE LIMITED TO 0.1 GALS./HR./VERTICAL FOOT.
- DEFLECTION TEST OF AT LEAST 20% OF PLASTIC SEWER PIPE SHALL BE PERFORMED. SHORT TERM DEFLECTION IN EXCESS OF 5% SHALL BE CONSIDERED UNSERVICEABLE AND SHALL BE REPAIRED AND RETESTED.
- IN AREAS WHERE THE GROUNDWATER IS AT PIPE SPRING LINE OR ABOVE INFILTRATION TESTS SHALL BE PERFORMED. ALLOWABLE INFILTRATION FOR SEWER MAINS NOT TO EXCEED 200 GAL./IN. DIA./MILE OF PIPE/DAY. ALLOWABLE INFILTRATION FOR MANHOLES SHALL BE LIMITED TO 0.1 GALS./HR./VERTICAL FOOT.
- SEWER LINE TEST SHALL BE PERFORMED IN ACCORDANCE WITH AAC R18-9-E301 (D) (C)
- ALL MANHOLES SHALL BE TESTED PER AAC R18-9-E301 (D) 3 g.

## LEGEND

	BOUNDARY LINE
	CENTER LINE
	PROPERTY LINE
	LOT LINE
	SET MONUMENT (TYPE AS SHOWN)
	SET MONUMENT (TYPE AS SHOWN)
	EXISTING AC PAVEMENT
	NEW AC PAVEMENT
	NEW CONCRETE
	NEW CURB & GUTTER
	NEW SLOPED AREA
	LOT NUMBERS
	EXISTING ELEVATION
	EXISTING ASPHALT ELEVATION
	NEW CURB & GUTTER ELEVATION
	NEW ASPHALT ELEVATION
	EXISTING SEWER LINE
	EXISTING WATER MAIN
	NEW SEWER LINE
	NEW WATER MAIN
	NEW MANHOLE
	EXISTING MANHOLE
	INDICATES INVERT ELEVATION
	NEW DUAL WATER SERVICE
	NEW SINGLE WATER SERVICE
	NEW FIRE HYDRANT
	NEW GATE VALVE
	NEW TEMPORARY BLOWOFF
	NEW SEWER SERVICE
	NEW DUCTILE IRON PIPE



SANTA CECILIA No. 2 VICINITY MAP

## SHEET INDEX

COVER SHEET	---	0
PLAT COVER	-----	1 OF 2
PLAT	-----	2 OF 2
PAVING AND GRADING PLAN	-----	1
PAVING AND GRADING PLAN	-----	2
PAVING AND GRADING DETAILS	-----	3
WATER AND SEWER PLAN	-----	4
WATER AND SEWER PLAN	-----	5
SEWER PLAN & PROFILES	-----	6
SEWER PLAN & PROFILES	-----	7
SEWER PLAN & PROFILES	-----	8
SEWER PLAN & PROFILES	-----	9

## OWNER/SUBDIVIDER

**RIEDEL HOLDINGS LLC**  
P.O. BOX 1649  
SAN LUIS, AZ. 85349  
(928) 627-8593

## ENGINEER

**Edais Engineering, Inc.**  
3075 S. AVENUE 4E  
YUMA, ARIZONA 85365  
(928) 344-3566

## BENCHMARK

TOP OF BRASS CAP LOCATED AT THE SE COR OF SECTION 9, T11S, R24W, FOUND B.C. LOC. 1920 IN HAND HOLE ELEVATION - 156.89 FEET

CALL TWO WORKING DAYS BEFORE YOU DIG  
**263-1100**  
**1-800-STAKE-IT**  
(OUTSIDE MARICOPA COUNTY)

THESE PLANS NOT TO BE USED FOR CONSTRUCTION UNTIL APPROVED BY THE CITY, ADEQ, AND OTHER AGENCIES HAVING JURISDICTION ON THIS PROJECT

COPYING, REPRODUCTION, OR PUBLICATION OF THESE PLANS BY ANY METHOD, IN WHOLE OR IN PART IS PROHIBITED

**EDAIS Engineering, Inc.**  
3075 S. Ave. 4E Yuma, Arizona 85365  
(928) 344-3566 FAX (928) 344-1075  
EMAIL: EE@Edaisengineer-ing.com

SHEET 0



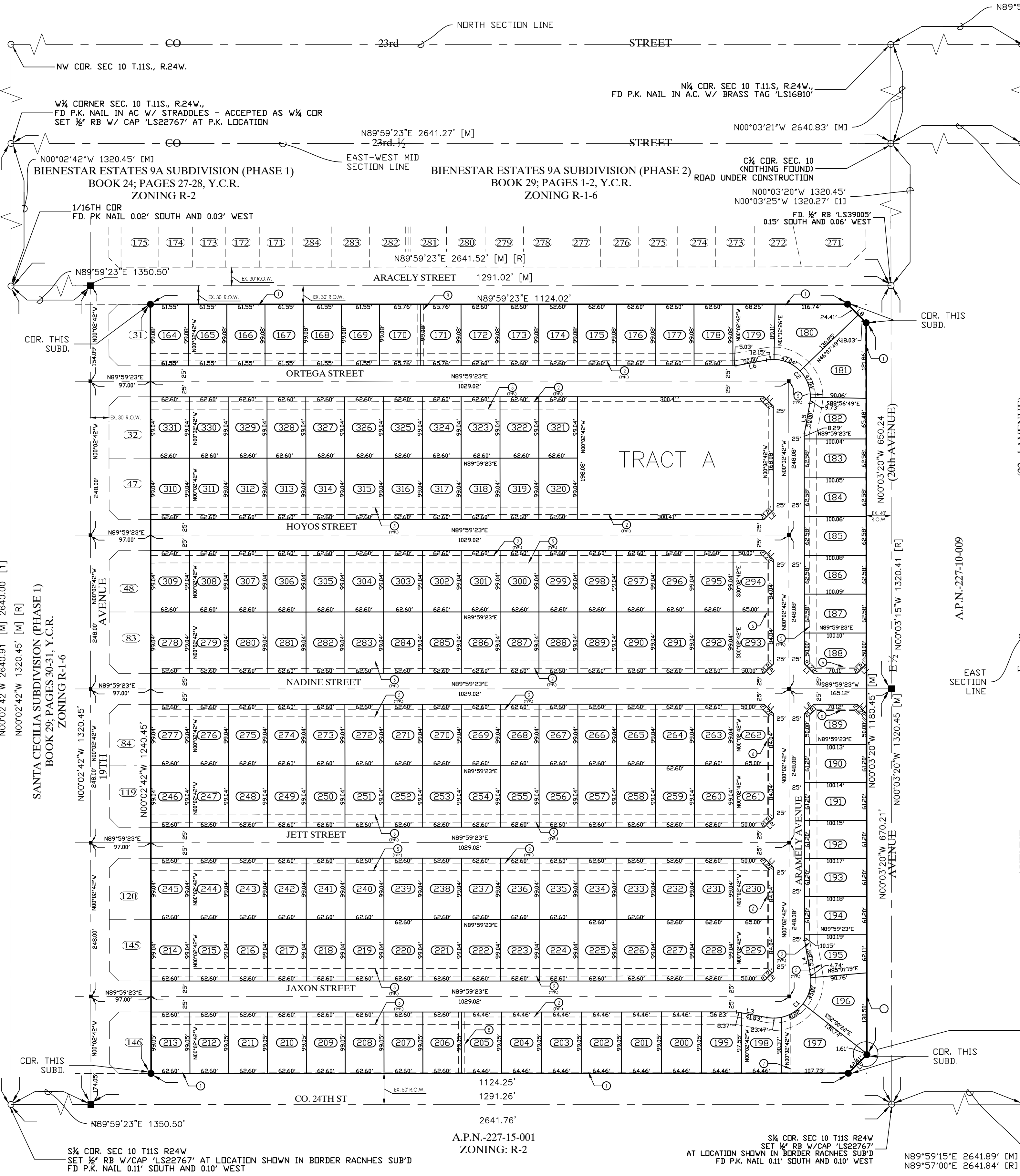
# SANTA CECILIA No. 2 SUBDIVISION

A SUBDIVISION OF LOT 1A OF THE BORDER RANCHES LOT SPLIT AS RECORDED IN BOOK 28 OF PLATS, PAGES 80 & 81 Y.C.R., YUMA COUNTY ARIZONA AND BEING A PORTION OF THE S<sup>1</sup>/<sub>2</sub> OF THE SW<sup>1</sup>/<sub>4</sub> OF SECTION 10, T11S, R24W, G. & S. R. B. & M. YUMA COUNTY, ARIZONA

DATE OF PREPARATION: OCTOBER 2017

NUMBER OF LOTS: 168

ACREAGE: 32.92 ACRES

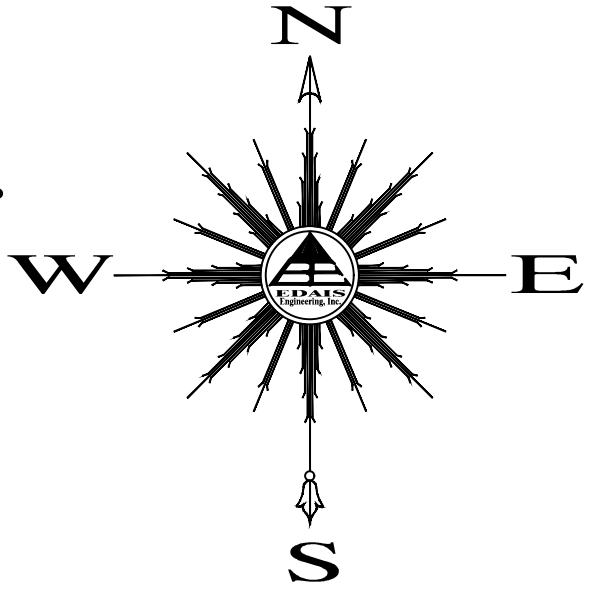


**CURVE DATA**

CURVE	DELTA	CHORD DIRECTION	CHORD	TANGENT	RADIUS	LENGTH
C1	109°50'55"	N45°25'11"E	98.21'	85.45'	60.00'	115.03'
C2	110°44'35"	N45°01'40"W	98.74'	86.88'	60.00'	115.97'

**LINE DATA**

LINE	LENGTH	BEARING	LINE	LENGTH	BEARING
L1	21.22'	S45°01'40"E	L6	50.00'	N79°36'03"E
L2	21.21'	S44°58'20"W	L7	42.41'	N44°58'01"E
L3	41.83'	S79°39'22"E	L8	18.03'	S45°01'59"E
L4	55.88'	S09°30'17"E			
L5	50.00'	N10°20'38"E			

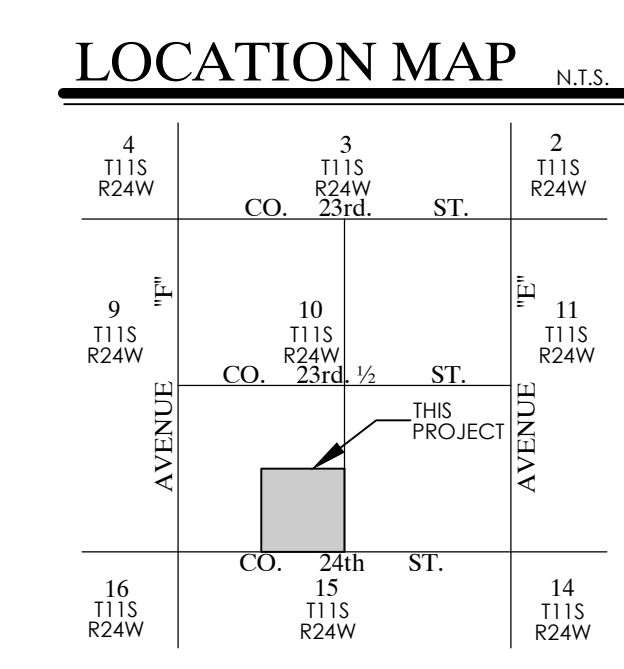
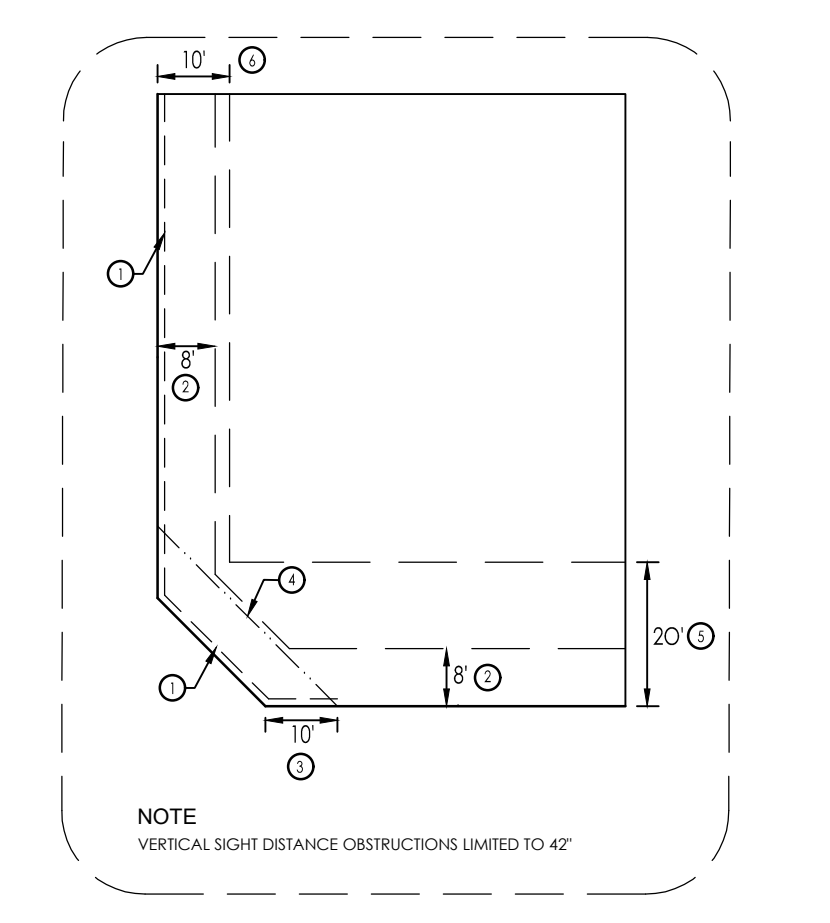


**LOT AREAS**

LOT	Area	LOT	Area	LOT	Area	LOT	Area	LOT	Area	LOT	Area	LOT	Area	LOT	Area
164	6098.36 SF	185	6262.34 SF	206	6200.66 SF	227	6200.04 SF	248	6200.04 SF	269	6200.04 SF	290	6200.04 SF	311	6200.04 SF
165	6098.36 SF	186	6263.06 SF	207	6200.66 SF	228	6200.04 SF	249	6200.04 SF	270	6200.04 SF	291	6200.04 SF	312	6200.04 SF
166	6098.36 SF	187	6263.79 SF	208	6200.66 SF	229	6325.10 SF	250	6200.04 SF	271	6200.04 SF	292	6200.04 SF	313	6200.04 SF
167	6098.36 SF	188	6281.76 SF	209	6200.66 SF	230	6325.10 SF	251	6200.04 SF	272	6200.04 SF	293	6325.10 SF	314	6200.04 SF
168	6098.36 SF	189	6283.17 SF	210	6200.66 SF	231	6200.04 SF	252	6200.04 SF	273	6200.04 SF	294	6325.10 SF	315	6200.04 SF
169	6098.36 SF	190	6128.41 SF	211	6200.66 SF	232	6200.04 SF	253	6200.04 SF	274	6200.04 SF	295	6200.04 SF	316	6200.04 SF
170	6515.01 SF	191	6129.10 SF	212	6200.66 SF	233	6200.04 SF	254	6200.04 SF	275	6200.04 SF	296	6200.04 SF	317	6200.04 SF
171	6515.01 SF	192	6129.80 SF	213	6200.64 SF	234	6200.04 SF	255	6200.04 SF	276	6200.04 SF	297	6200.04 SF	318	6200.04 SF
172	6202.53 SF	193	6130.49 SF	214	6200.02 SF	235	6200.04 SF	256	6200.04 SF	277	6200.02 SF	298	6200.04 SF	319	6200.04 SF
173	6202.53 SF	194	6131.19 SF	215	6200.04 SF	236	6200.04 SF	257	6200.04 SF	278	6200.02 SF	299	6200.04 SF	320	6200.04 SF
174	6202.53 SF	195	6356.94 SF	216	6200.04 SF	237	6200.04 SF	258	6200.04 SF	279	6200.04 SF	300	6200.04 SF	321	6200.04 SF
175	6202.53 SF	196	8450.40 SF	217	6200.04 SF	238	6200.04 SF	259	6200.04 SF	280	6200.04 SF	301	6200.04 SF	322	6200.04 SF
176	6202.53 SF	197	10368.72 SF	218	6200.04 SF	239	6200.04 SF	260	6200.04 SF	281	6200.04 SF	302	6200.04 SF	323	6200.04 SF
177	6202.53 SF	198	5944.31 SF	219	6200.04 SF	240	6200.04 SF	261	6325.10 SF	282	6200.04 SF	303	6200.04 SF	324	6200.04 SF
178	6202.53 SF	199	6378.94 SF	220	6200.04 SF	241	6200.04 SF	262	6325.10 SF	283	6200.04 SF	304	6200.04 SF	325	6200.04 SF
179	6317.72 SF	200	6385.14 SF	221	6200.04 SF	242	6200.04 SF	263	6200.04 SF	284	6200.04 SF	305	6200.04 SF	326	6200.04 SF
180	9612.44 SF	201	6385.14 SF	222	6200.04 SF	243	6200.04 SF	264	6200.04 SF	285	6200.04 SF	306	6200.04 SF	327	6200.04 SF
181	9444.96 SF	202	6385.14 SF	223	6200.04 SF	244	6200.04 SF	265	6200.04 SF	286	6200.04 SF	307	6200.04 SF	328	6200.04 SF
182	6326.80 SF	203	6385.14 SF	224	6200.04 SF	245	6200.02 SF	266	6200.04 SF	287	6200.04 SF	308	6200.04 SF	329	6200.04 SF
183	6260.89 SF	204	6385.14 SF	225	6200.04 SF	246	6200.02 SF	267	6200.04 SF	288	6200.04 SF	309	6200.02 SF	330	6200.04 SF
184	6261.61 SF	205	6385.14 SF	226	6200.04 SF	247	6200.04 SF	268	6200.04 SF	289	6200.04 SF	310	6200.02 SF	331	6200.02 SF

- LEGEND**
- CENTERLINE
  - RIGHT-OF-WAY (ROW) LINE
  - NEW PROPERTY LINE
  - EASEMENT (TYPE AS NOTED)
  - BOUNDARY LINE
  - NEW STREET MONUMENT AS PER YUMA COUNTY STD. DETAIL NO. 4-080
  - NEW SUBDIVISION BOUNDARY MONUMENT AS PER YUMA COUNTY STD. DETAIL NO. 04-030
  - EXISTING MONUMENT (TYPE AS SHOWN)
  - ① NEW LOT NUMBER
  - ④ EXISTING LOT NUMBER
  - A.P.N. ASSESSOR PARCEL NUMBER
  - B.C. BRASS CAP
  - H.H. HAND HOLE
  - (M) MEASURED DATA
  - (R) REFERS TO BORDER RANCHES SUBDIVISION RECORDED IN BOOK 27 OF PLATS, PAGE 9 YUMA COUNTY RECORDS
  - (I) DATA REFER TO GENERAL LAND OFFICE PLAN OF SECTION 10, T11S, R24, OFFICIALLY FILED ON 3-12-1922, YUMA COUNTY RECORDS, YUMA COUNTY, AZ.
  - Y.C.R. BRASS CAP
  - G.&S.R.B.&M. GILA AND SALT RIVER BASE AND MERIDIAN

- KEYNOTES**
- ① NEW 1' NON-ACCESS EASEMENT
  - ② NEW 8' UTILITY & CATV EASEMENT
  - ③ INDICATES 10' (1' NON-ACCESS EASEMENT)
  - ④ 25' VISIBILITY TRIANGLE
  - ⑤ SEE TYPICAL CORNER LOT DETAIL
  - ⑥ NEW 20' FRONT YARD SETBACK LINE.
  - ⑦ NEW 10' SIDE YARD SETBACK LINE.
  - ⑧ NEW 15' SEWER EASEMENT
  - ⑨ NEW 10' DRAINAGE EASEMENT



**TRACT AREAS OWNER**

TRACT	AREA	OWNER
"A"	6228.60 SF	RIEDEL HOLDINGS, LLC P.O. BOX 1649 SAN LUIS, AZ 85349 (928) 627-8593

**BASIS OF BEARING**

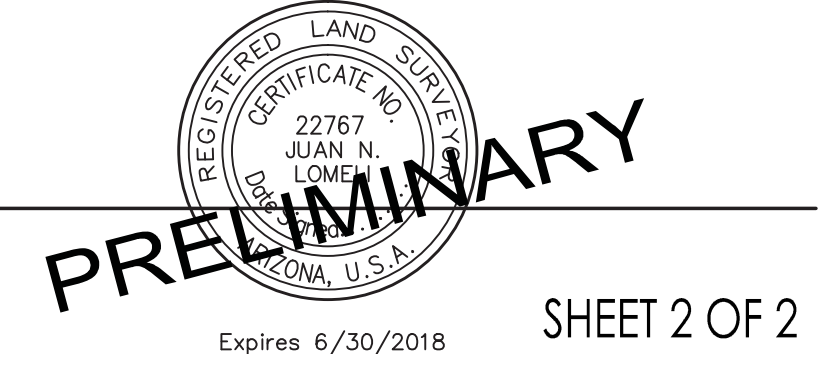
THE WEST SECTION LINE OF SECTION 10, T11S, R24W, G.&S.R.B.&M., YUMA COUNTY, ARIZONA (BEING THE CENTERLINE OF AVENUE "F"), AS SHOWN ON BORDER RANCHES SUBDIVISION, AS RECORDED IN BOOK 27 OF PLATS, PAGES 8&10, YUMA COUNTY RECORDS OFFICE, YUMA COUNTY, ARIZONA, BEARING N00°02'42"W

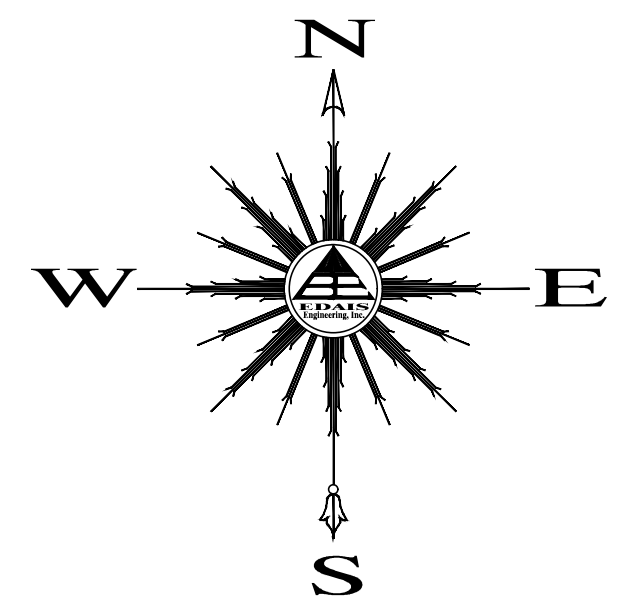
**SURVEYOR'S CERTIFICATE**

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 ONE (1) SHEET CORRECTLY REPRESENTS A SURVEY MADE UNDER MY SUPERVISION, THAT ALL MONUMENTS SHOWN HEREON ACTUALLY EXIST AND THEIR POSITIONS ARE CORRECTLY SHOWN.

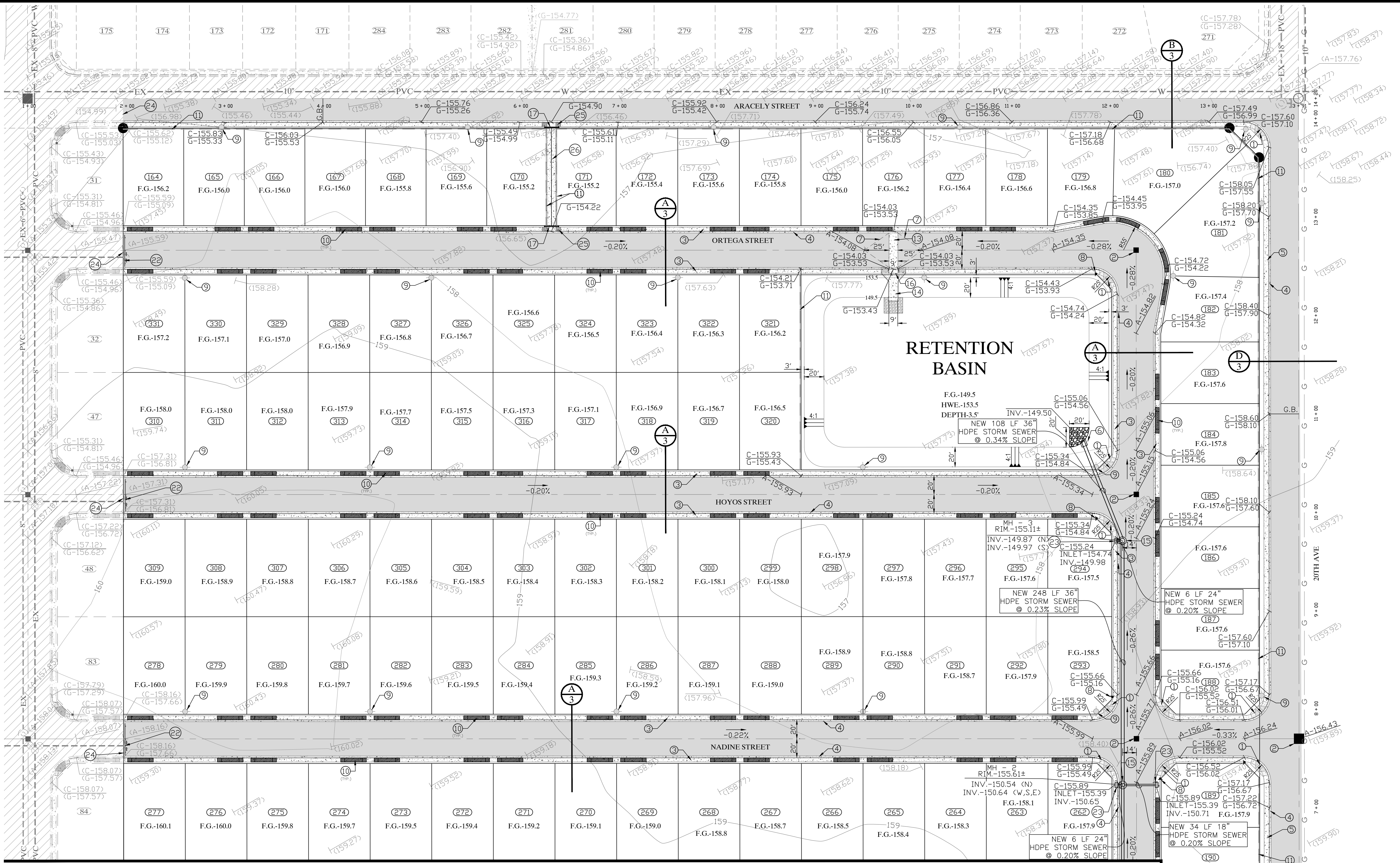
**PREPARED BY:**

**Edais Engineering, Inc.**  
3075 S. AVENUE 4 E  
YUMA, ARIZONA 85365  
(928) 344-3566

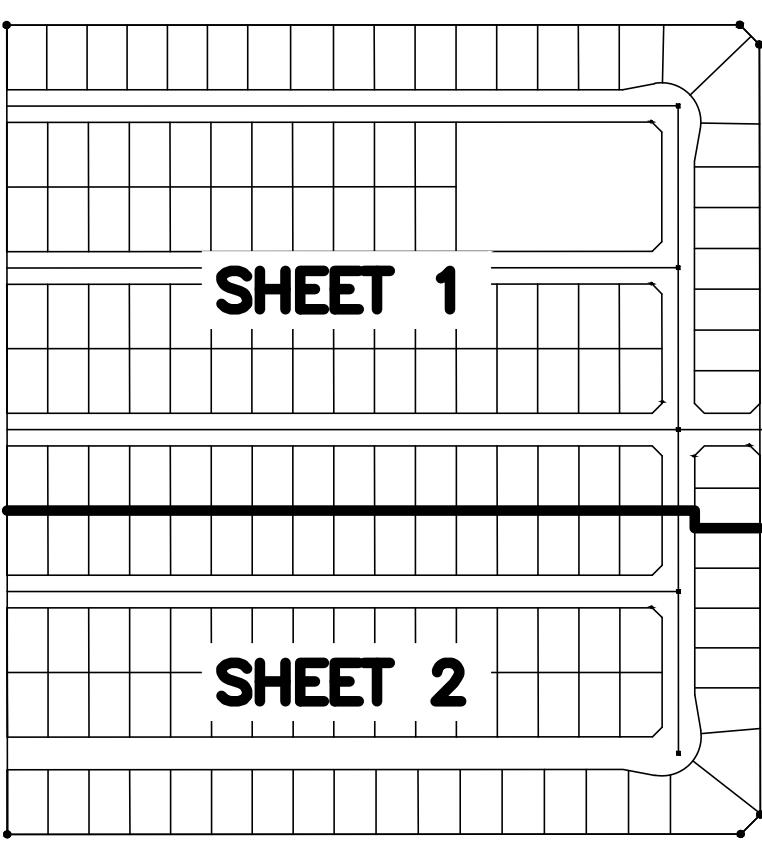




SCALE: 1"=50'



KEY MAP (P&G)

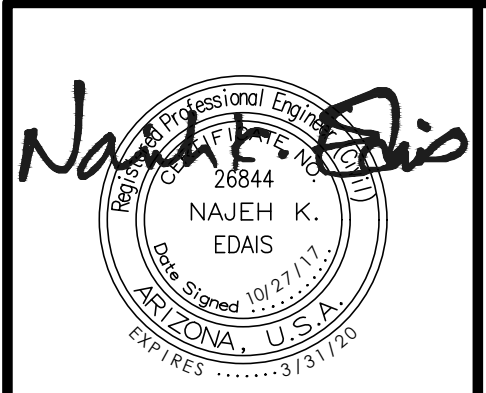


MATCHLINE SEE SHEET 2

CALL TWO WORKING DAYS BEFORE YOU DIG  
263-1100  
1-800-STAKE-IT  
(OUTSIDE MARICOPA COUNTY)

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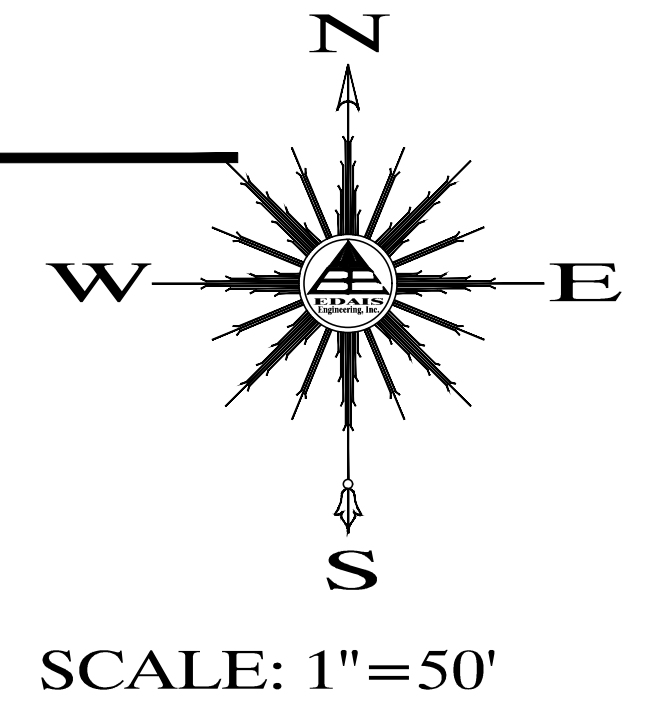
**SANTA CECILIA #2**  
PAVING AND GRADING PLAN

SCALE: AS SHOWN	DESIGNED BY: J.L.S.	CHECKED BY: N.K.E.
DATE: OCT.-2017	DRAWN BY: J.L.S.	JOB No. 17-020

**EDAIS Engineering, Inc.**  
3075 S. Ave. 4E  
Yuma, Arizona 85365  
(928) 341-3566 FAX (928) 341-1075  
EMAIL: EE@Edaisengineering.com

SHEET 1

MATCHLINE SEE SHEET 1



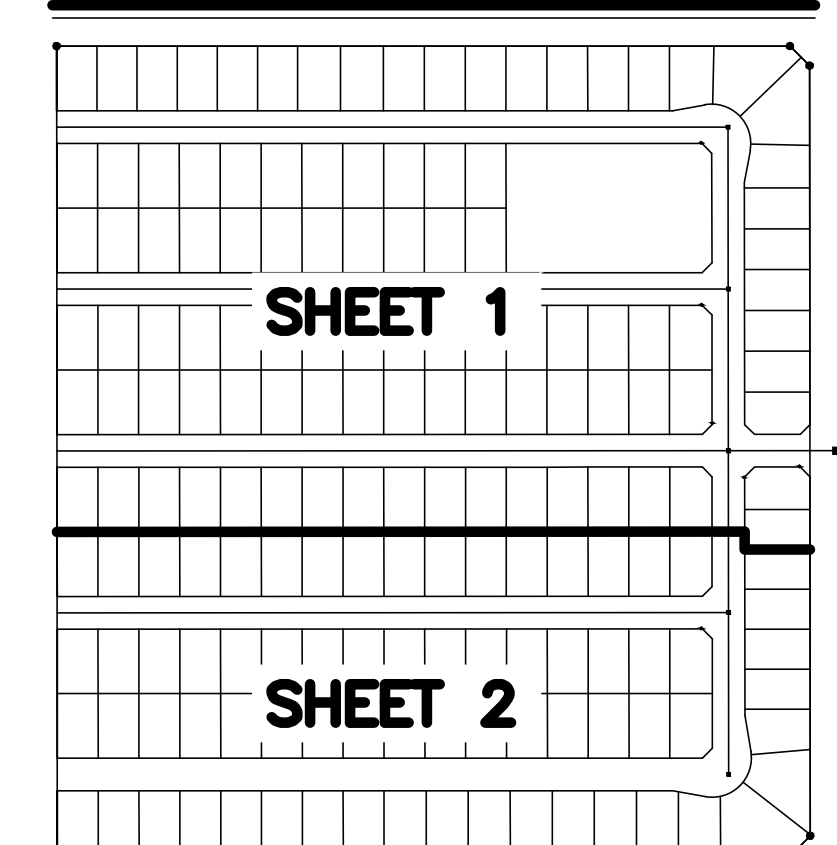
**KEYNOTES:**

- ① NEW CONCRETE SIDEWALK RAMP AS PER CITY OF YUMA STD. NO. 3-280
- ② NEW STREET MONUMENT AS PER CITY OF YUMA STD. NO. 4-080
- ③ NEW 4' CONCRETE SIDEWALK AS PER CITY OF YUMA STD. NO. 3-270
- ④ NEW VERTICAL CURB & GUTTER AS PER CITY OF YUMA STD. NO. 3-120
- ⑤ NEW 5' CONCRETE SIDEWALK AS PER CITY OF YUMA STD. NO. 3-270
- ⑥ NEW END PIPE CONCRETE COLLAR AND 10' X 10' RIP-RAP (K/3)
- ⑦ NEW CROWN TRANSITION AS SHOWN ON THE PLANS
- ⑧ NEW DOUBLE FACED STREET SIGN & STOP SIGN AS PER CITY OF YUMA STD. NO. 3-380 & 3-390
- ⑨ NEW STREET LIGHT BY APS
- ⑩ NEW 18' DRIVEWAY AS PER CITY OF YUMA STD. NO. 3-210 (MODIFIED IN DETAIL SHEET 3)
- ⑪ NEW 6' HIGH (AS MEASURED FROM THE HIGHER GROUND ELEVATION SIDE OF WALL) CMU WALL AS PER CITY OF YUMA STD. NO. 3-310.
- ⑫ NEW BOUNDARY MONUMENT AS PER CITY OF YUMA STD. NO. 4-030
- ⑬ NEW CROSS VALLEY GUTTER AS PER CITY OF YUMA STD. NO. 3-180 (SIZE AS PER PLANS)
- ⑭ NEW 9' WIDE CONCRETE SPILLWAY - SEE DETAIL (E/3)
- ⑮ NEW PRE-CAST CONCRETE MANHOLE AS PER CITY OF YUMA STD. NO. 5-029
- ⑯ 4" Ø GUARD POST (G/3)
- ⑰ NEW 12' WIDE ACCESS GATE W/ LOCK AND CHAIN (H/3)
- ⑱ EXISTING ELECTRICAL BOX TO BE REMOVED
- ⑲ EXISTING WATER WELL TO BE ABANDONED
- ⑳ EXISTING CONCRETE PAD TO BE REMOVED
- ㉑ EXISTING GAS VALVE (CONTRACTOR TO PROTECT GAS LINE & VALVES AT ALL TIMES)
- ㉒ REMOVE EXISTING BARRICADE
- ㉓ NEW CITY OF YUMA STANDARD NO. 5-240 TYPE C CATCH BASIN
- ㉔ SAWCUT 1' OF EXISTING PAVEMENT, MATCH NEW PAVEMENT, CURB, GUTTER AND SIDEWALK TO EXISTING
- ㉕ NEW DEPRESSED SIDEWALK (J/3)
- ㉖ NEW 10' WIDE CONCRETE CHANNEL - SEE DETAIL (I/3)

**LEGEND**

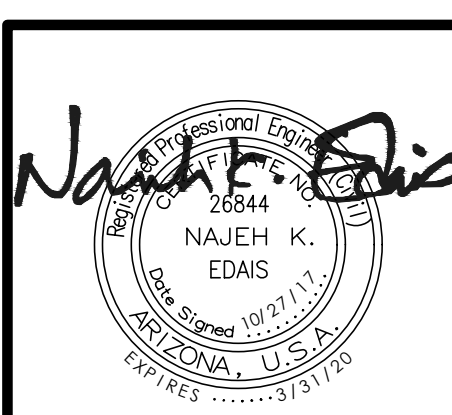
- CENTERLINE
- BOUNDARY LINE
- EXISTING LOTS
- EXISTING ASPHALT
- EXISTING VERTICAL CURB AND GUTTER
- EXISTING SIDEWALK
- NEW ASPHALT
- NEW CMU WALL
- B.C. INDICATES BRASS CAP
- H.H. INDICATE HAND HOLE
- T.O.W. INDICATE TOP OF WALL ELEVATION
- T.F. INDICATE TOP OF FOOTING ELEVATION
- EXISTING NATURAL SOIL ELEVATION
- EXISTING ASPHALT ELEVATION
- EXISTING CURB & GUTTER ELEVATION
- EXISTING LOT NUMBER
- EXISTING LOT NUMBER
- EXISTING CONTOUR LINE
- A.P.N. ASSESSOR PARCEL NUMBER
- Y. C. R. YUMA COUNTY RECORDER
- A-122.50 NEW ASPHALT ELEVATION
- C-159.98 NEW CURB & GUTTER ELEVATION
- G-159.48
- 0.2% NEW SLOPE
- ◆ NEW STREET LIGHT
- 4:1 RETENTION SLOPE
- G.B. GRADE BREAK
- NEW DOUBLE FACED STREET SIGN W/STOP SIGN
- FINISH GRADE ELEVATION
- H.W.E. HIGH WATER ELEVATION
- NEW STREET MONUMENT AS PER YUMA COUNTY STD. NO. 4-080
- NEW SUBDIVISION BOUNDARY MONUMENT AS PER YUMA COUNTY STD. NO. 4-030
- EXISTING POWER POLE
- EXISTING DOUBLE FACED STREET SIGN W/STOP SIGN
- EXISTING MANHOLE
- EXISTING ELECTRICAL OVERHEAD
- EXISTING GAS LINE
- NEW DRIVEWAY
- EXISTING BLOWOFF VALVE

**KEY MAP (P&G)**



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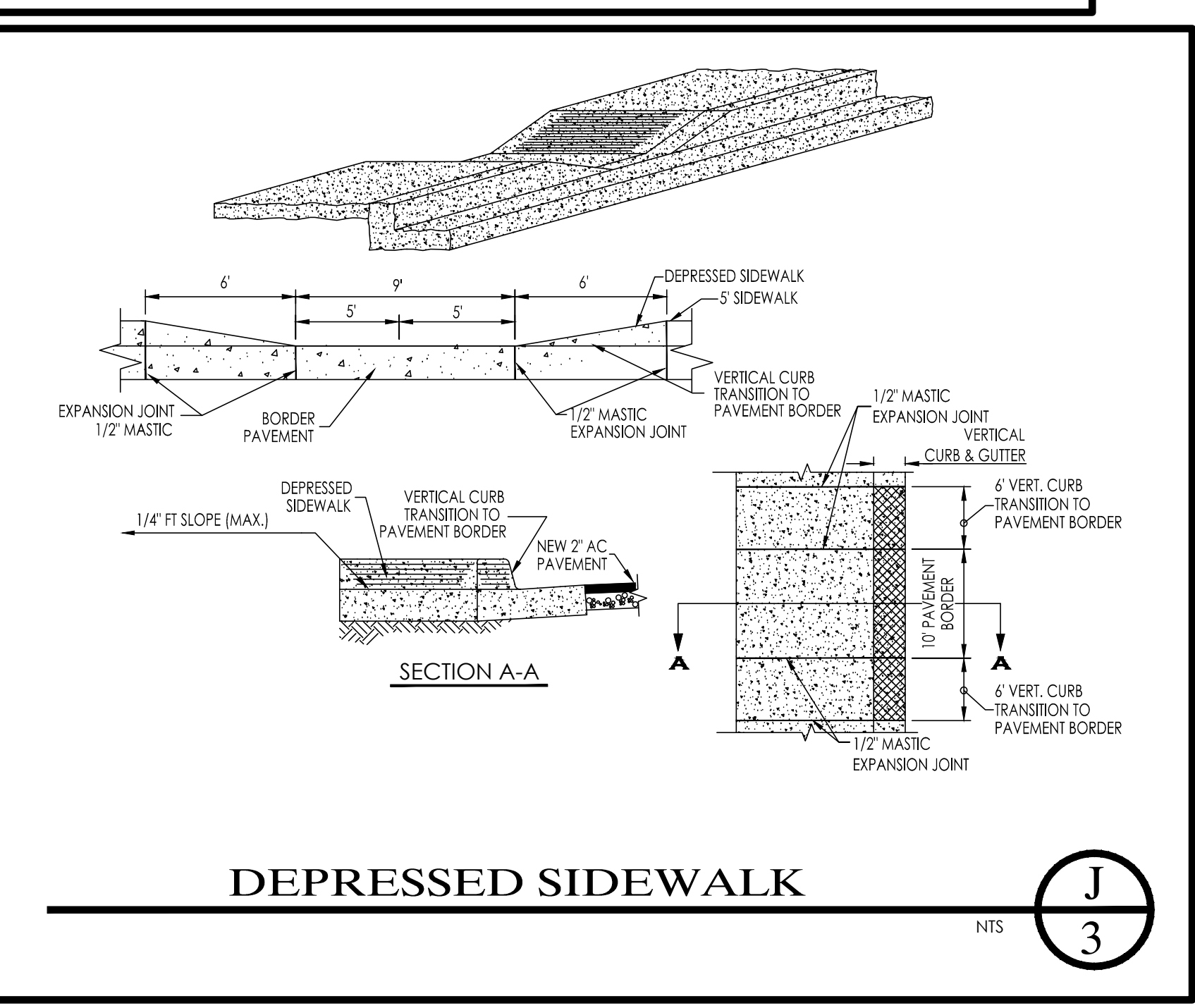
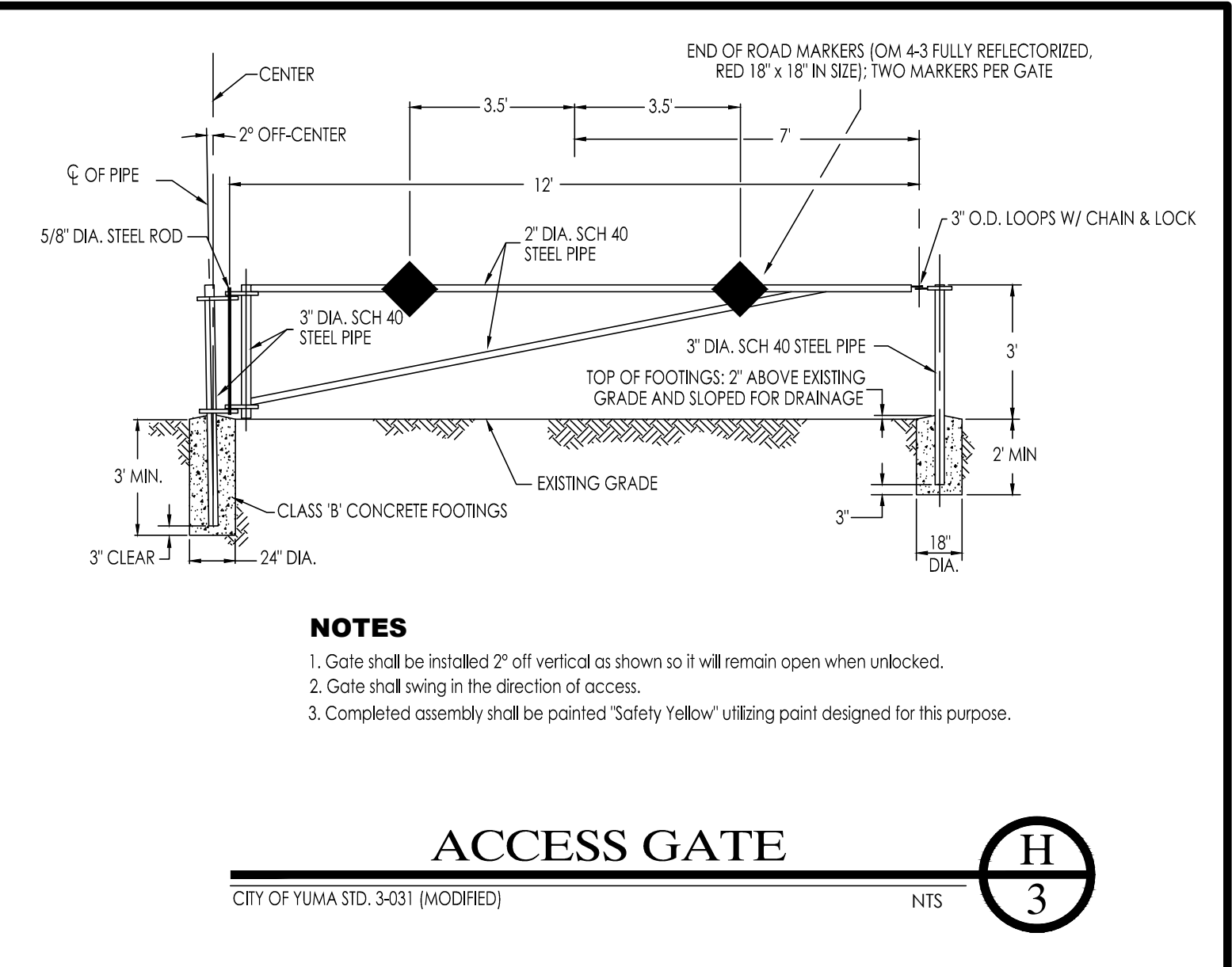
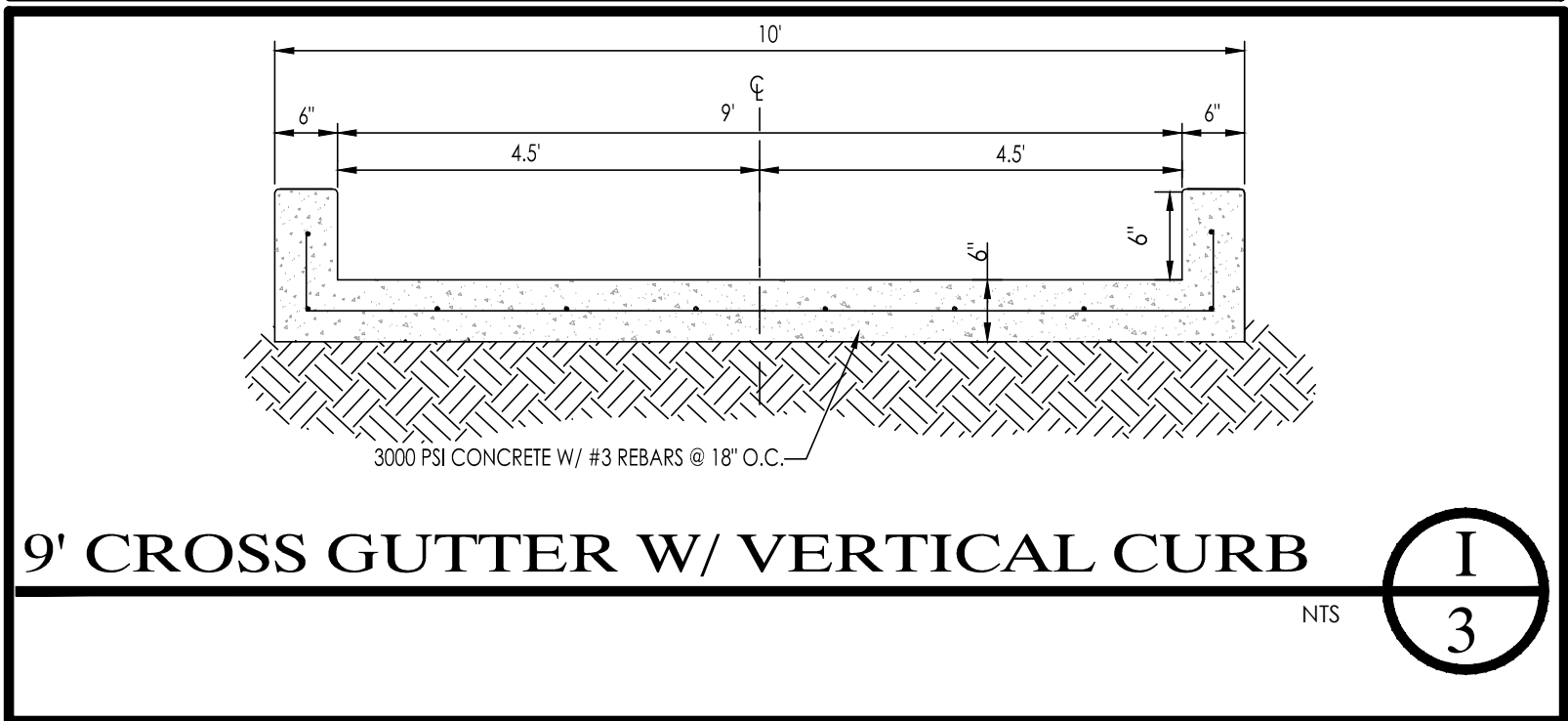
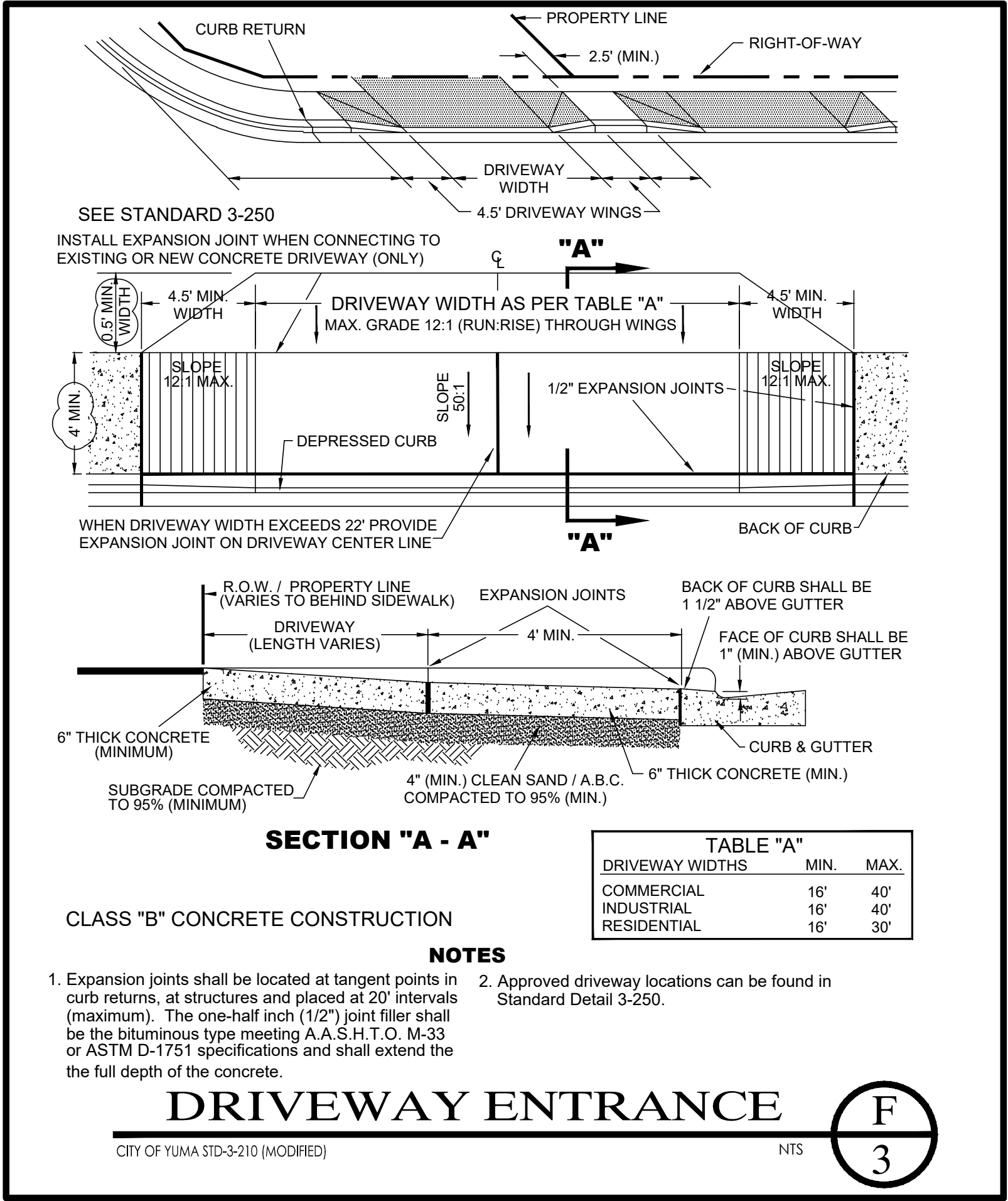
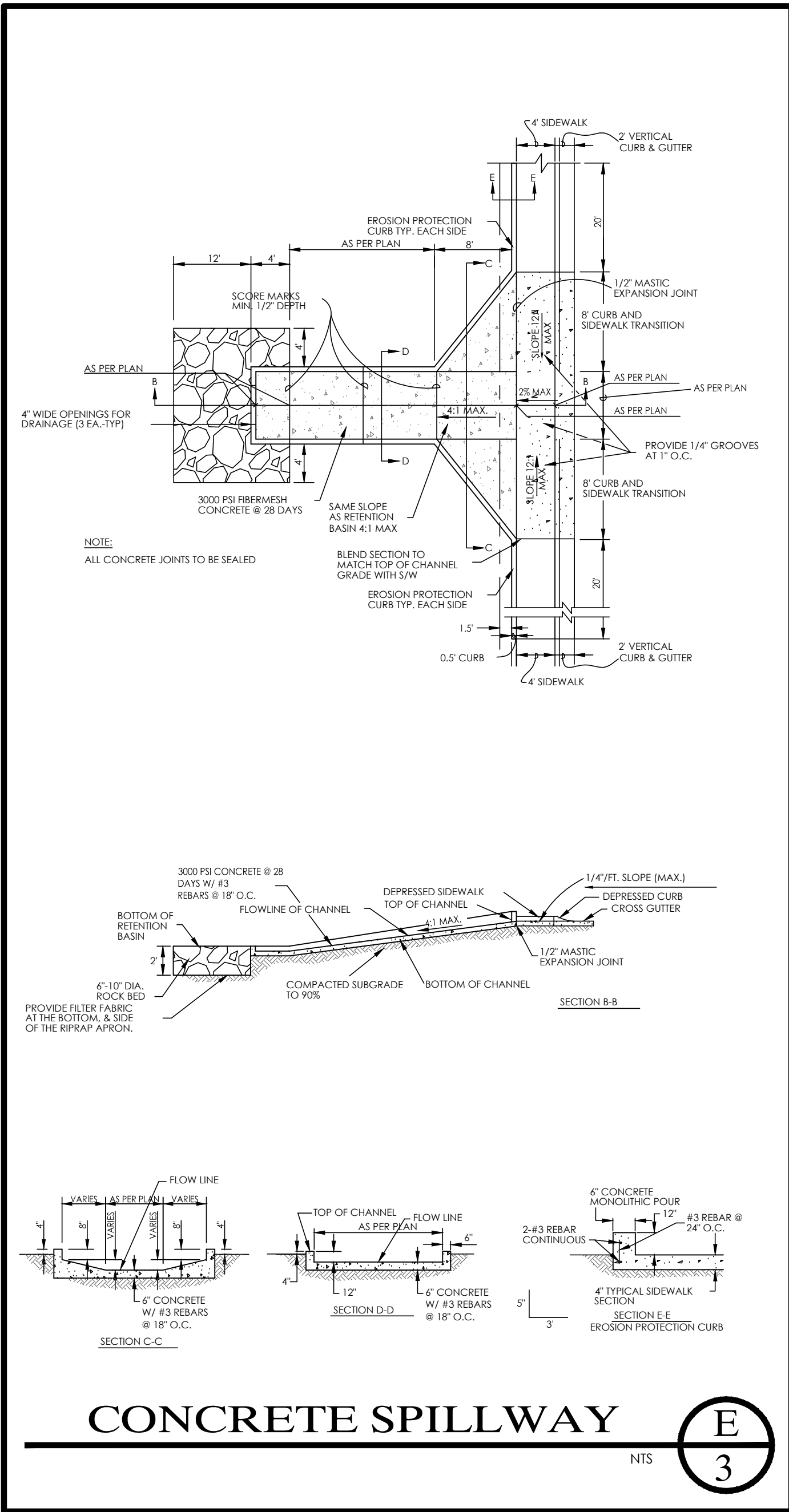
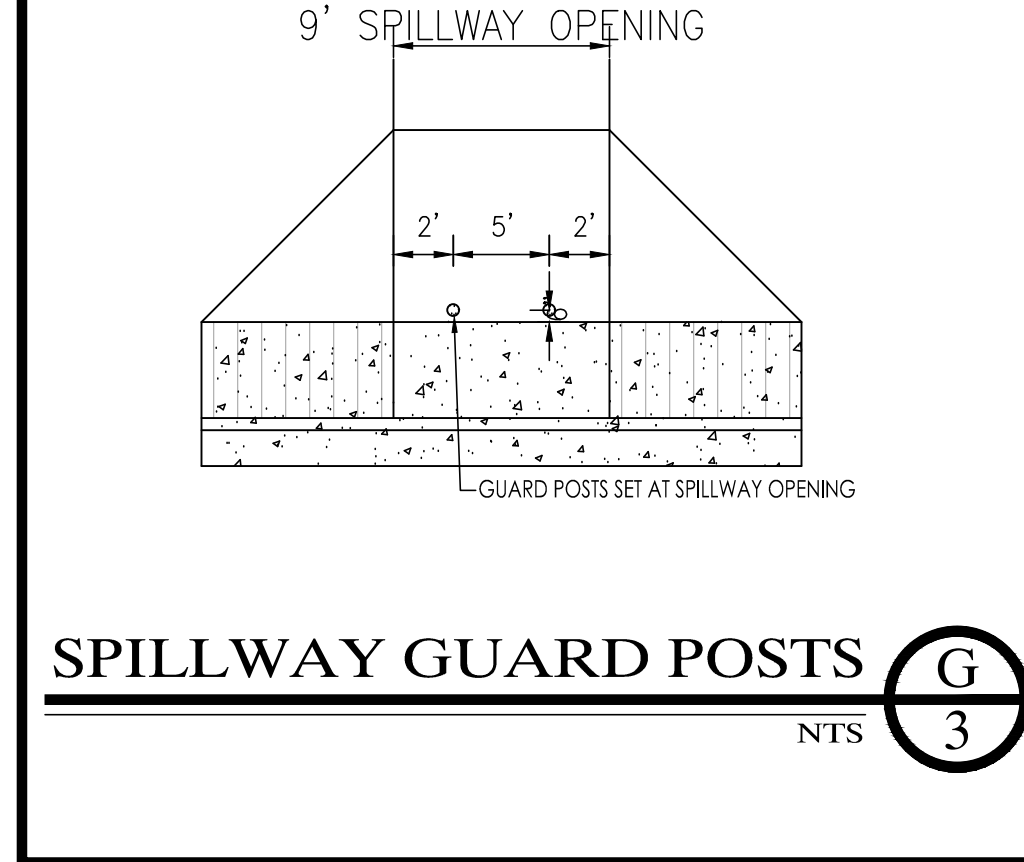
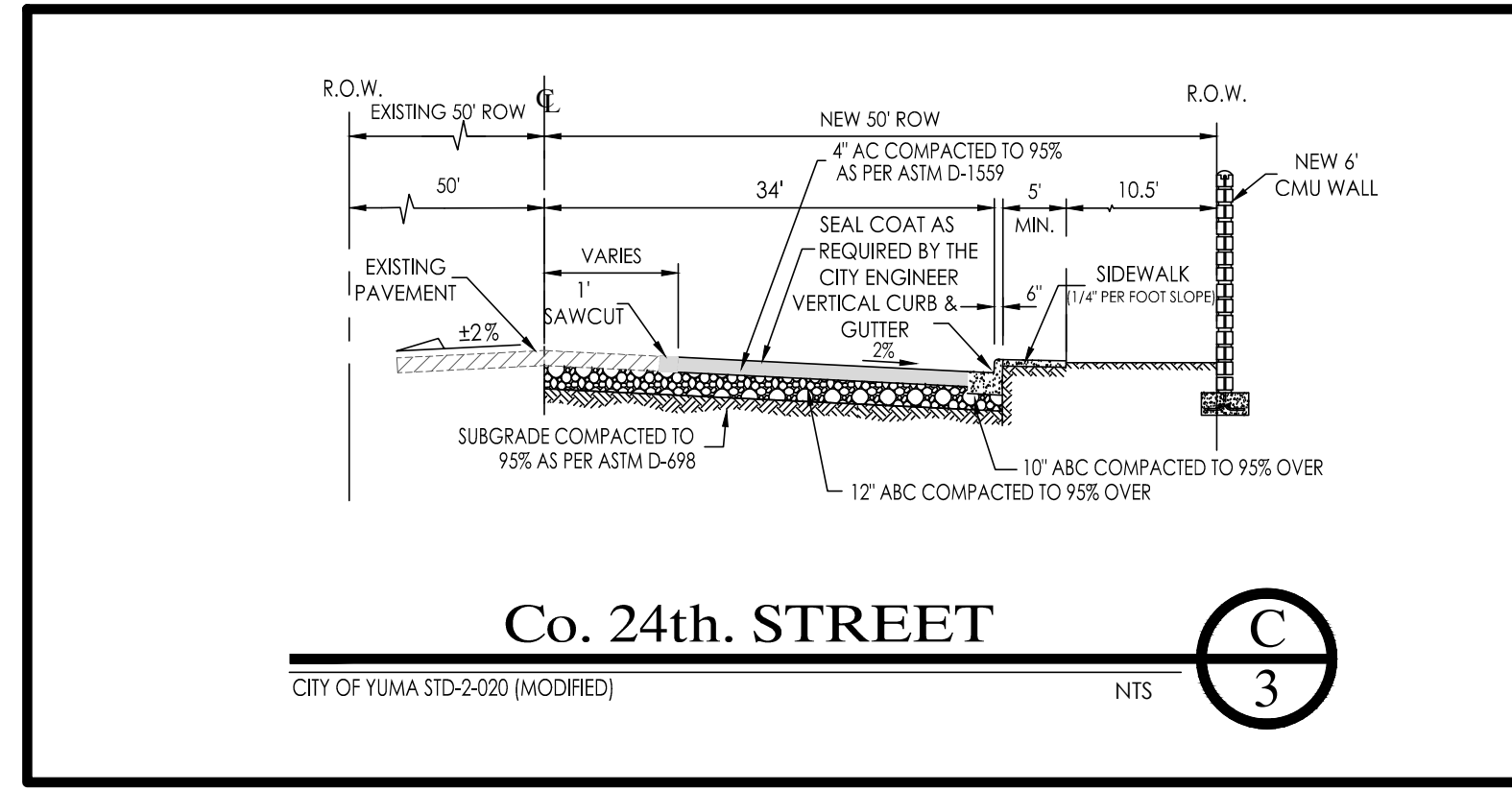
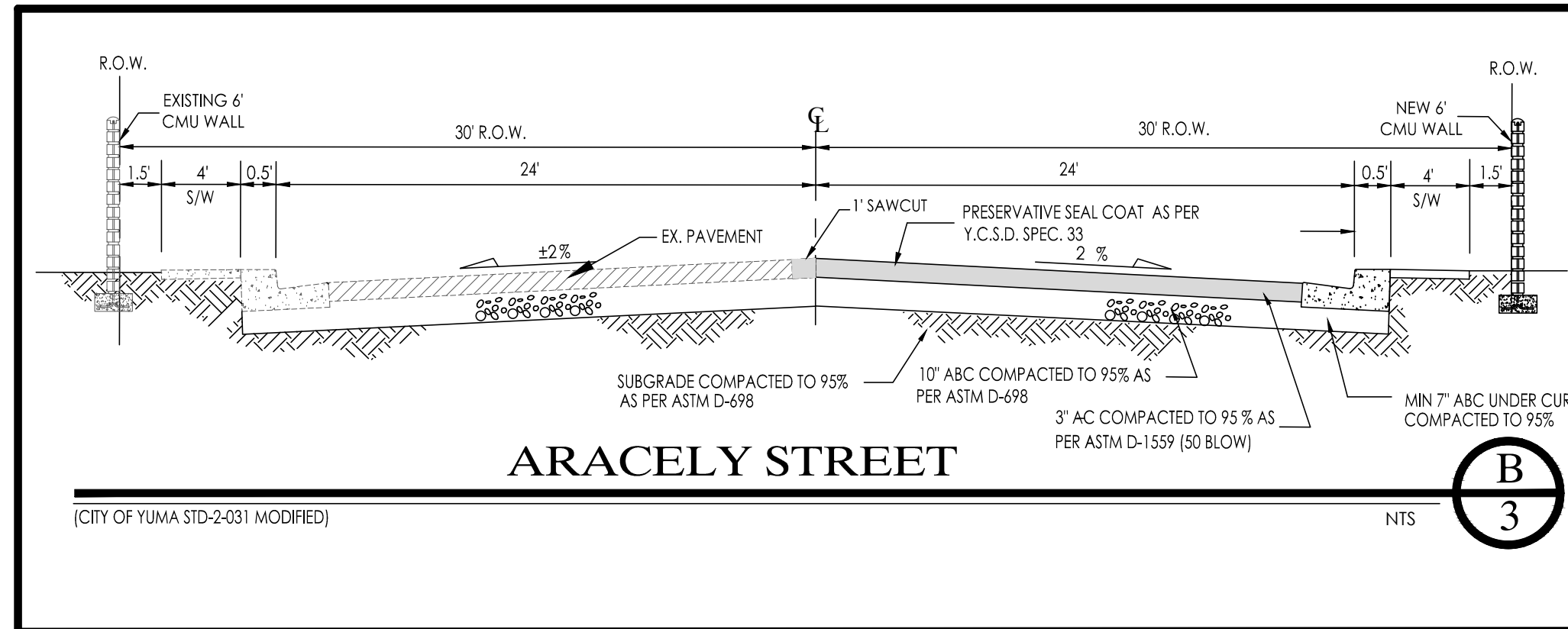
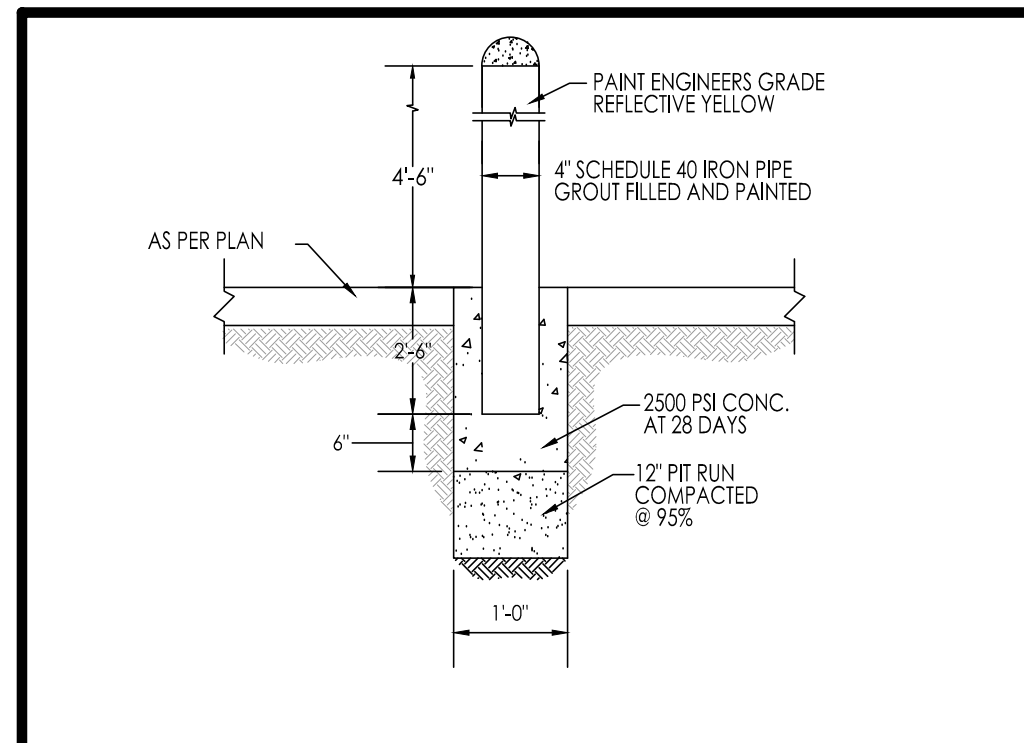
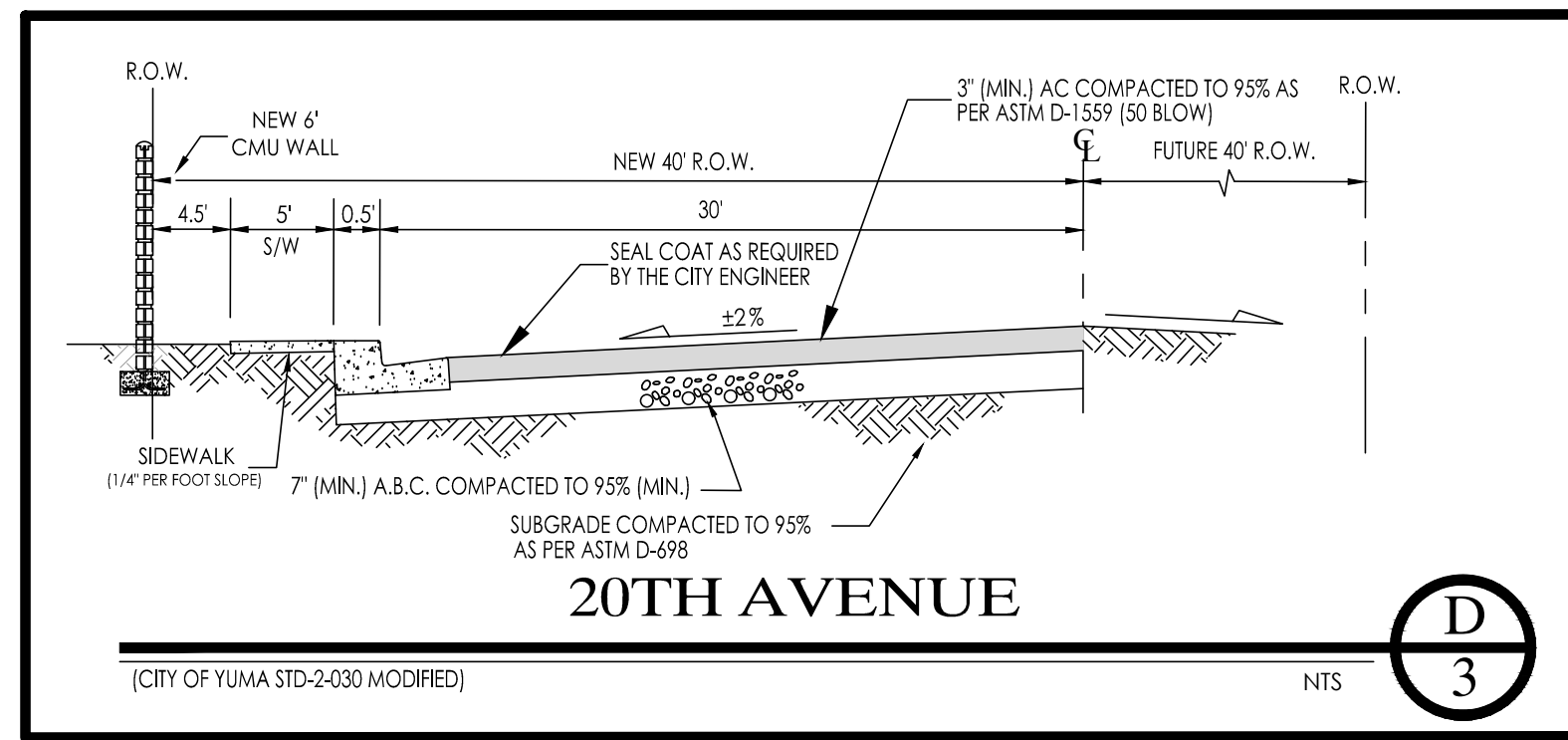
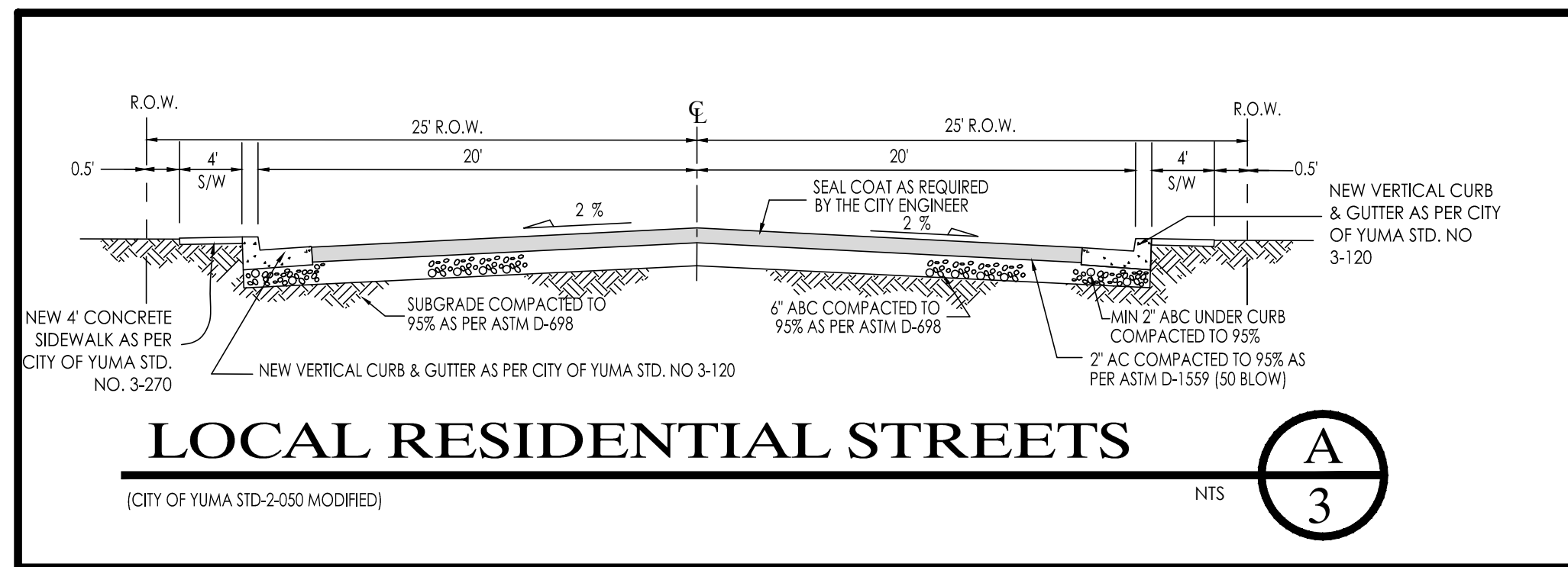
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**SANTA CECILIA #2**  
**PAVING AND GRADING PLAN**

SCALE: AS SHOWN    DESIGNED BY: J.L.S.    CHECKED BY: N.K.E.  
DATE: OCT.-2017    DRAWN BY: J.L.S.    JOB No. 17-020

**EDAIS Engineering, Inc.**  
3075 S. Ave. 4E    Yuma, Arizona 85365  
(928) 344-3566    FAX (928) 344-1075  
EMAIL: EE@Edaisengineering.com



**SANTA CECILIA #2**

**PAVING & GRADING DETAILS**

SCALE: AS SHOWN    DESIGNED BY: J.L.S.    CHECKED BY: N.K.E.  
DATE: OCT. 17'    DRAWN BY: J.L.S.    JOB No. 17-020

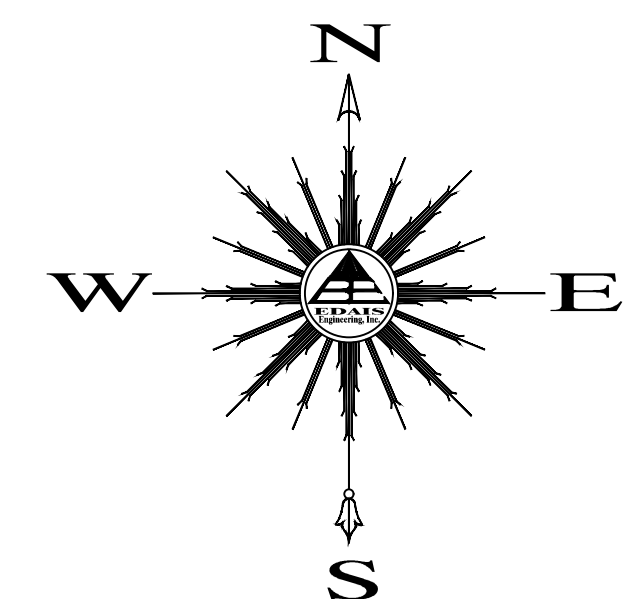
**Edais Engineering, Inc.**

30725 S. Ave. 4E    Yuma, Arizona 85365  
(928) 341-3566    FAX (928) 341-1075  
EMAIL: najeh@edaisgroup.com

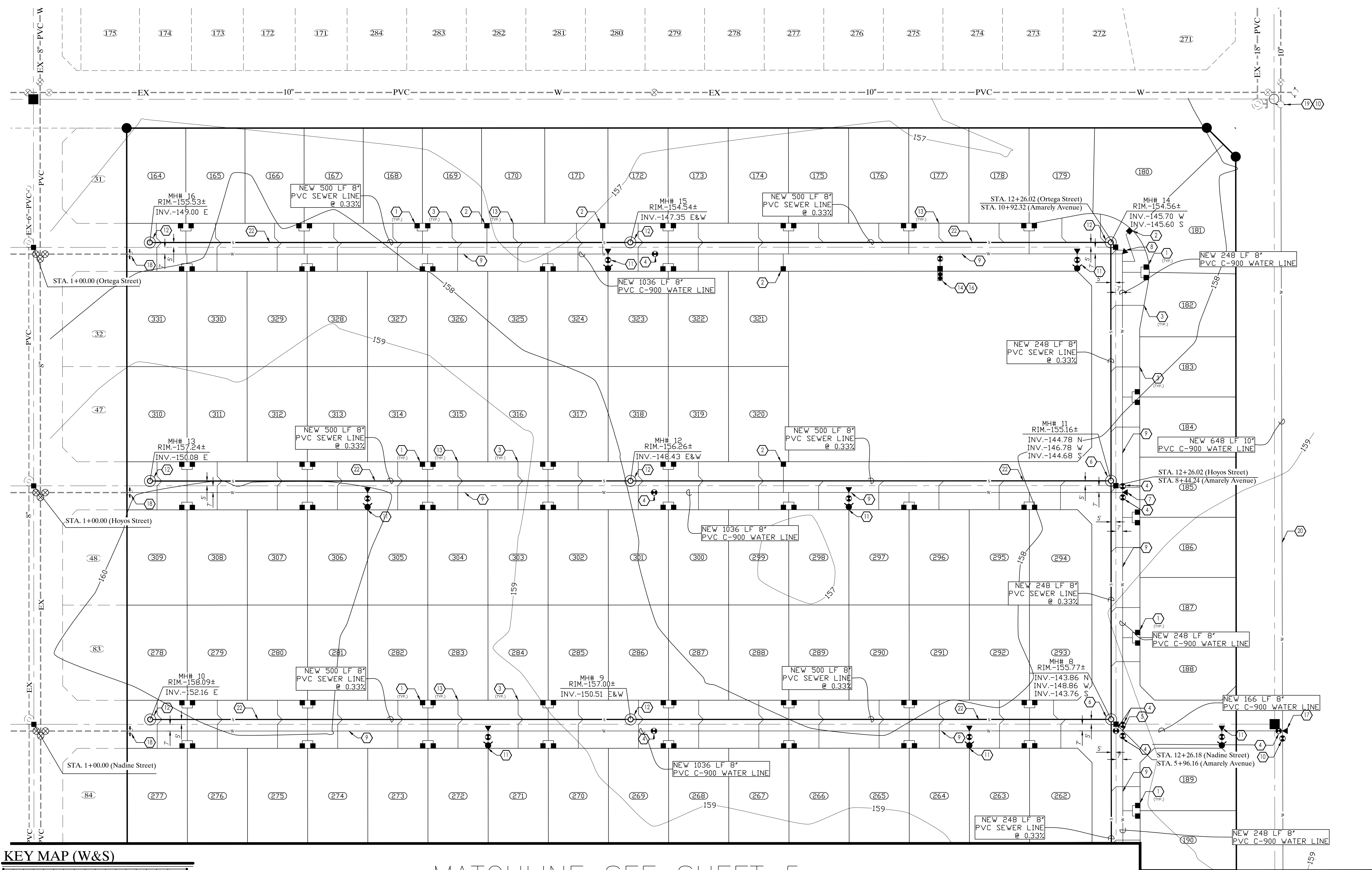
**Edais Engineering, Inc.**

2844 NAJEH K. EDAIS

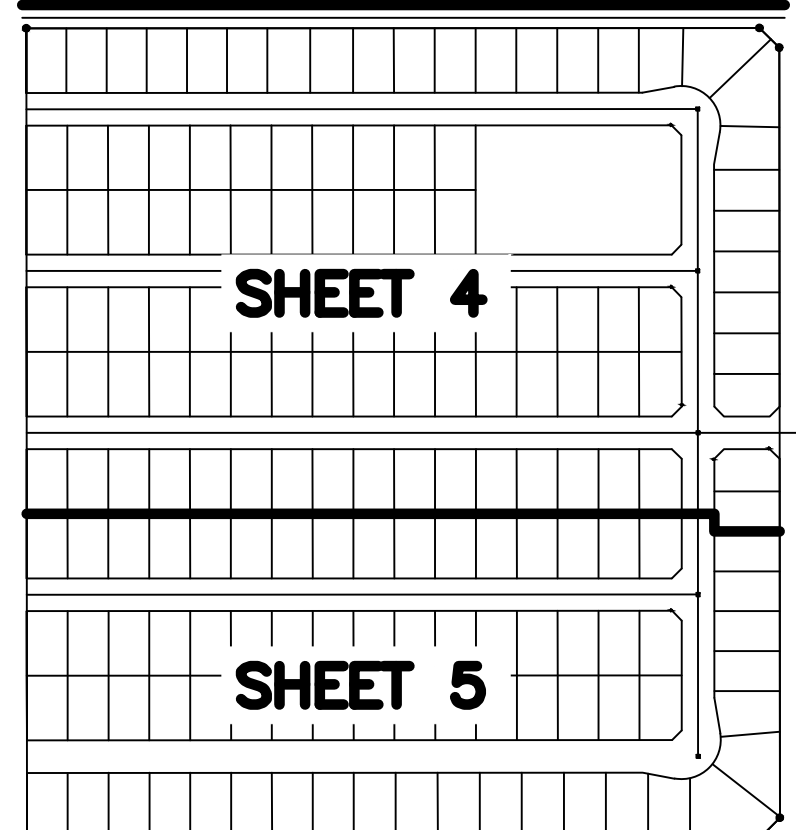
3



SCALE: 1" = 50'



KEY MAP (W&S)

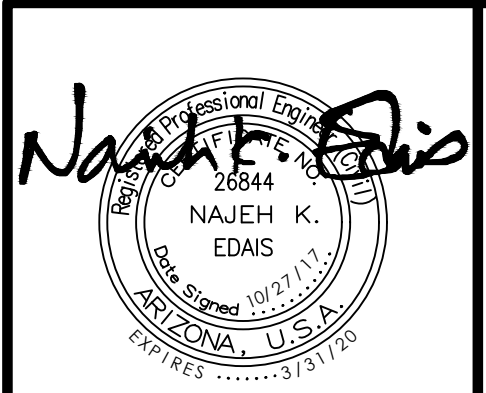


MATCHLINE SEE SHEET 5

NOTES:

1. FOR LEGEND, WATER/SEWER CONSTRUCTION KEYNOTES AND MATERIAL LIST SEE SHEET 5.
2. SEE SUBDIVISION PLAT FOR ALL DIMENSIONS.
3. SEE PAVING AND GRADING PLAN FOR ALL GRADES.
4. TRENCHING AND BACKFILLING FOR WATER AND SEWER LINES TO BE IN ACCORDANCE WITH CITY OF YUMA STD. 5-081
5. THE CITY OF SAN LUIS WILL ONLY ACCEPT CLOW OR WATEROUS WB-67 FIRE HYDRANTS.
6. THE CITY OF SAN LUIS REQUIRE THAT ALL FITTINGS TO HAVE MEGA LUG OR APPROVED EQUAL MECHANICAL RESTRAINS AND VERTICAL BENDS TO BE MJ RESTRAINED AT THE BENDS PLUS ONE ADDITIONAL RESTRAINT 20' UPSTREAM AND DOWNSTREAM OF THE BEND.

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**1-800-STAKE-IT**  
(OUTSIDE MARICOPA COUNTY)



**SANTA CECILIA #2**  
**WATER & SEWER PLAN**

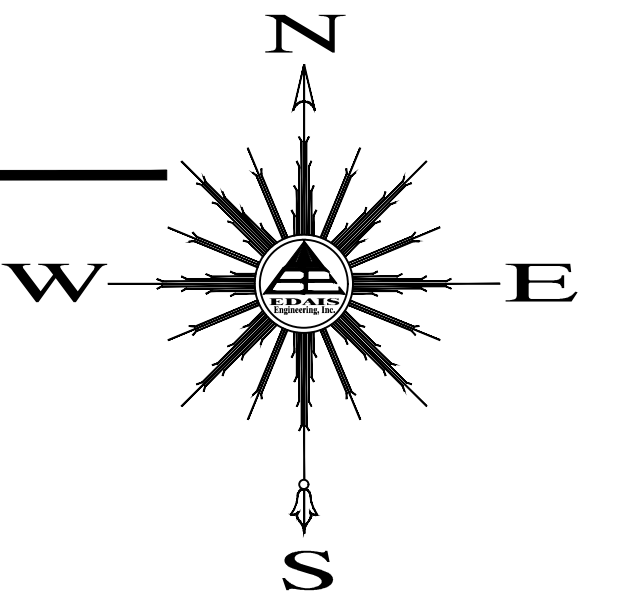
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 EMAIL: EEdais@edaiseng.com

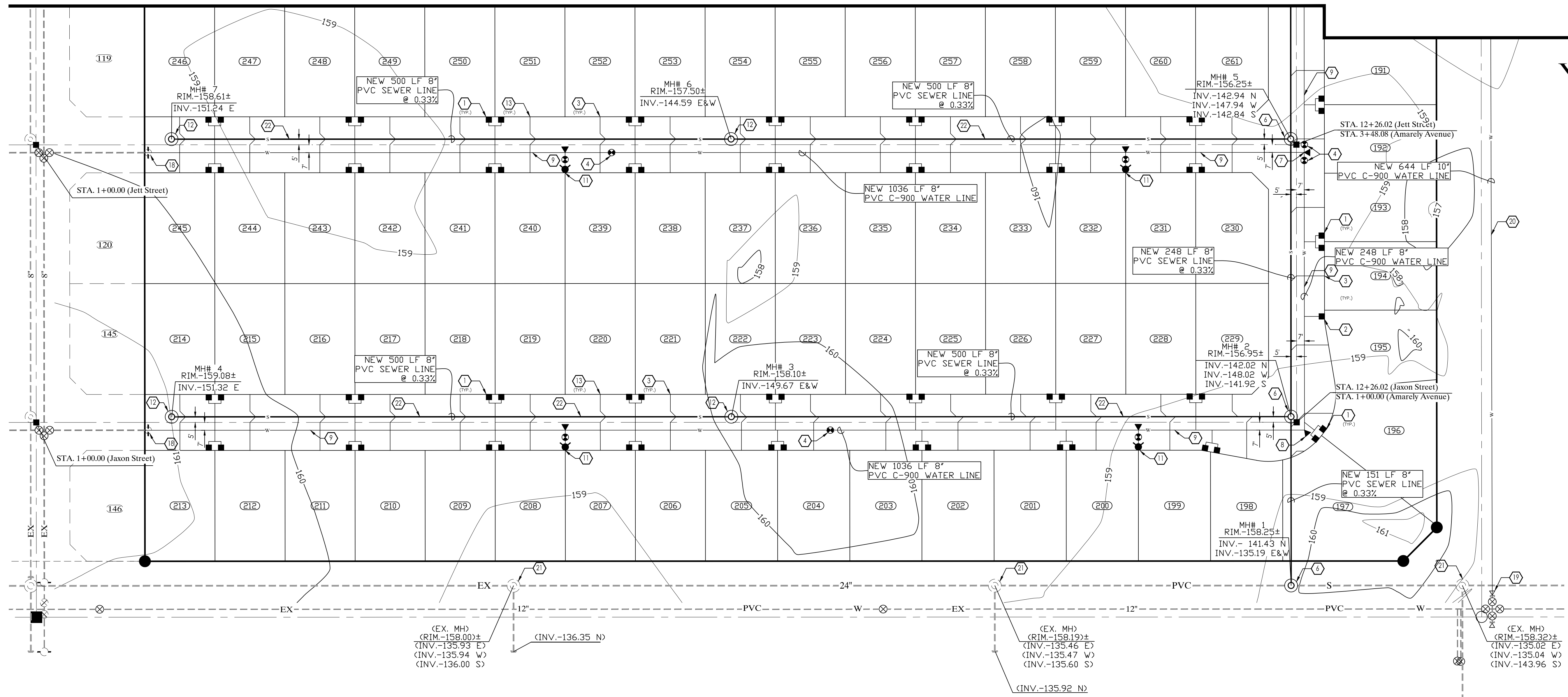
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MATCHLINE SEE SHEET 4



SCALE: 1"=50'



**WATER / SEWER CONSTRUCTION KEYNOTES**

- 1. INSTALL 1" DUAL WATER SERVICE (TYP.) AS PER CITY OF YUMA STD. NO. 5-148, 5-149, 5-154 & 5-142
- 2. INSTALL 1" SINGLE WATER SERVICE (TYP.) AS PER CITY OF YUMA STD. NO. 5-148, 5-149, 5-154 & 5-142
- 3. INSTALL 4" SEWER SERVICE (TYP.) PER CITY OF YUMA STD. NO. 5-021
- 4. INSTALL 8" GATE VALVE W/ V.B. & C. AS PER CITY OF YUMA STD. NO. 5-210 & 5-211
- 5. INSTALL 8" X 8" CROSS W/ THRUST BLOCK AS PER CITY OF YUMA STD. NO. 5-090
- 6. INSTALL TYPE 'A' DROP SEWER CONNECTION TO MANHOLE AS PER CITY OF YUMA STD. NO. 5-041 & STD. NO. 5-042
- 7. INSTALL 8" X 8" TEE W/ THRUST BLOCK AS PER CITY OF YUMA STD. NO. 5-090
- 8. INSTALL 90° ELL W/ THRUST BLOCK AS PER CITY OF YUMA STD. NO. 5-090
- 9. INSTALL NEW 8" PVC C-900 WATER LINE PER CITY OF YUMA STANDARDS AND SPECIFICATIONS
- 10. INSTALL 10" GATE VALVE W/ V.B. & C. AS PER CITY OF YUMA STD. NO. 5-210 & 5-211
- 11. INSTALL 6" FIRE HYDRANT COMPLETE AS PER CITY OF YUMA STD. NO. 5-120
- 12. CONSTRUCT NEW SANITARY SEWER POLYMER MANHOLE WITH GRADE RINGS AS PER CITY OF SAN LUIS SUPPLEMENT TO CITY OF YUMA AND MAC UNIFORM STANDARD SPECIFICATIONS
- 13. CONSTRUCT ALL SEWER SERVICES TO CENTER OF THE LOT UNLESS NOTED OTHERWISE
- 14. INSTALL 2" WATER SERVICE (TYP.) AS PER CITY OF YUMA STD. NO. 5-150
- 15. INSTALL 14" MIN. C-909 PVC CROSSING AS PER CITY OF YUMA STD. NO. 5-060
- 16. INSTALL 2" BACKFLOW PREVENTOR W/ CAGE AS PER CITY OF YUMA STD. NO. 5-116
- 17. INSTALL 10" X 8" TEE W/ THRUST BLOCK AS PER CITY OF YUMA STD. NO. 5-090
- 18. REMOVE EXISTING BLOWOFF VALVE AND CONNECT NEW 8" WATER MAIN TO MATCH
- 19. REMOVE EXISTING BLOWOFF VALVE AND CONNECT NEW 10" WATER MAIN TO MATCH
- 20. INSTALL NEW 10" PVC C-900 WATER LINE PER CITY OF YUMA STANDARDS AND SPECIFICATIONS
- 21. ADJUST EXISTING MANHOLE RIM & COVER TO NEW GRADE
- 22. INSTALL NEW 8" PVC SDR-35 SEWER LINE PER CITY OF YUMA STANDARDS AND SPECIFICATIONS

**LEGEND**

- CENTERLINE
- PROPERTY LINE
- BOUNDARY LINE
- W- EXISTING PVC WATER MAIN
- S- EXISTING PVC SEWER LINE
- W- NEW PVC WATER MAIN
- S- NEW PVC SEWER LINE
- (20) NEW LOT NUMBER
- 146 EXISTING LOT NUMBER
- NEW SEWER SERVICE
- NEW SINGLE WATER SERVICE
- NEW DUAL WATER SERVICE
- NEW 2" BACKFLOW PREVENTOR
- NEW THRUST BLOCK
- NEW WATER VALVE
- NEW MANHOLE
- NEW CLEANOUT
- NEW TEMPORARY BLOWOFF VALVE
- NEW FIRE HYDRANT
- NEW MANHOLE
- NEW RIM ELEVATION
- INV. NEW INVERT ELEVATION
- NEW STREET MONUMENT AS PER YUMA COUNTY STD. NO. 4-080
- EXISTING WATER VALVE

**MATERIAL LIST**

WATER			SEWER		
DESCRIPTION	UNIT	QTY	DESCRIPTION	UNIT	QTY
1" WATER SERVICE	EA	168	4" SEWER SERVICE	EA	168
8" GATE VALVE/W V.B. & C.	EA	13	SEWER MANHOLE	EA	16
10" GATE VALVE W/ V.B. & C.	EA	2	DROP SEWER CONNECTIONS	EA	4
6" FIRE HYDRANT	EA	11	8" SEWER LINE	LF	6143
8" X 8" PVC TEE W/THRUST BLOCK	EA	2			
90° ELL W/THRUST BLOCK	EA	2			
2" BACKFLOW PREVENTOR W/CAGE	EA	1			
8" X 8" PVC CROSS W/ THRUST BLOCK	EA	1			
8" X 10" TEE W/ THRUST BLOCK	EA	1			
2" WATER SERVICE	EA	1			
WATER CONNECTION	EA	1			
8" PVC C-900 WATER MAIN	LF	6338			
10" PVC C-900 WATER MAIN	LF	1292			

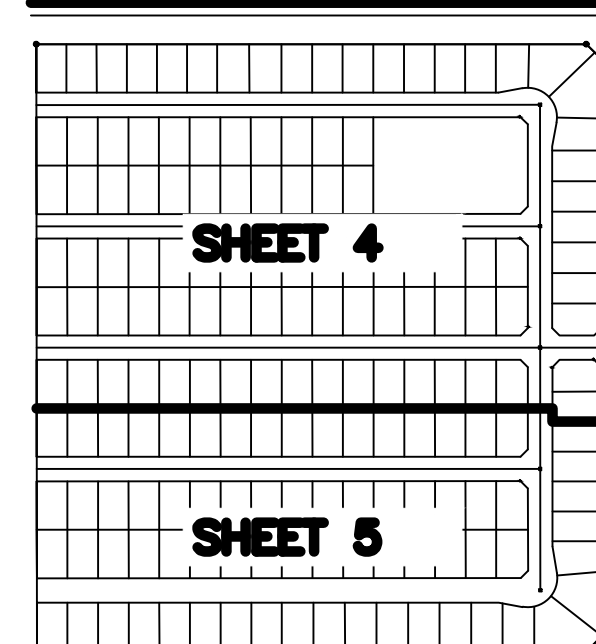
**NOTES:**

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- 2. SEE SUBDIVISION PLAN FOR ALL DIMENSIONS.
- 3. SEE PAVING AND GRADING PLAN FOR ALL GRADES.
- 4. TRENCHING AND BACKFILLING FOR WATER AND SEWER LINES TO BE IN ACCORDANCE WITH CITY OF YUMA STD. 5-081
- 5. THE CITY OF SAN LUIS WILL ONLY ACCEPT CLOW OR WATEROUS W-67 FIRE HYDRANTS.
- 6. THE CITY OF SAN LUIS REQUIRE THAT ALL FITTINGS TO HAVE MEGA LUG OR APPROVED EQUAL MECHANICAL RESTRAINS AND VERTICAL BENDS TO BE M.J RESTRAINED AT THE BENDS PLUS ONE ADDITIONAL RESTRAINT 20' UPSTREAM AND DOWNSTREAM OF THE BEND.

**UTILITY WARNING**

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM 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.

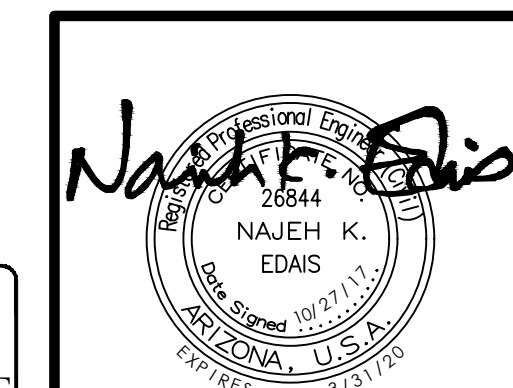
**KEY MAP (W&S)**



**WATER LINE MAXIMUM BENDING ALLOWANCE SCHEDULE**

PIPE DIAMETER (IN)	MINIMUM RADIUS (FT)
12"	315'
10"	265'
8"	215'
6"	165'
4"	110'
2"	60'
1"	50'

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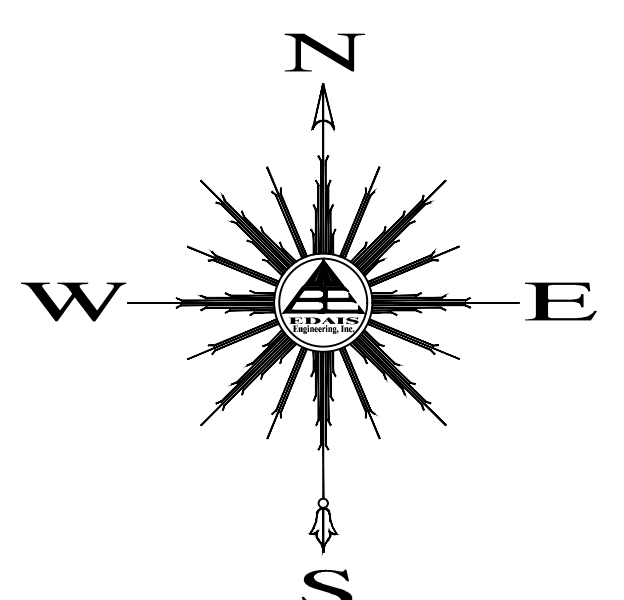
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**SANTA CECILIA #2**  
**WATER & SEWER PLAN**

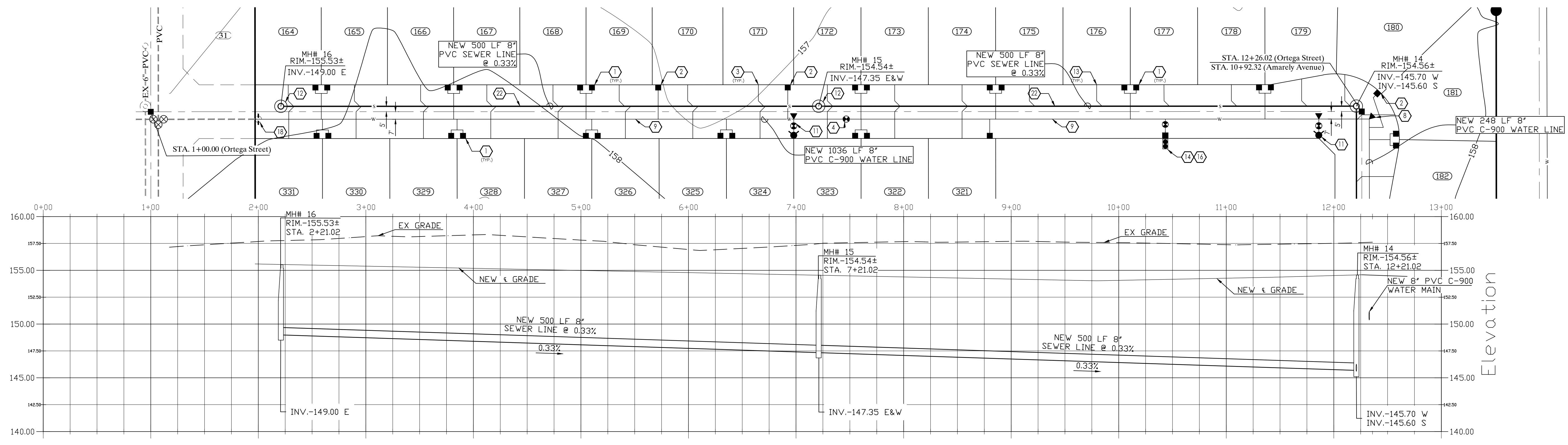
SCALE: AS SHOWN    DESIGNED BY: J.L.S.    CHECKED BY: N.K.E.  
DATE: OCT.-2017    DRAWN BY: J.L.S.    JOB No. 17-020

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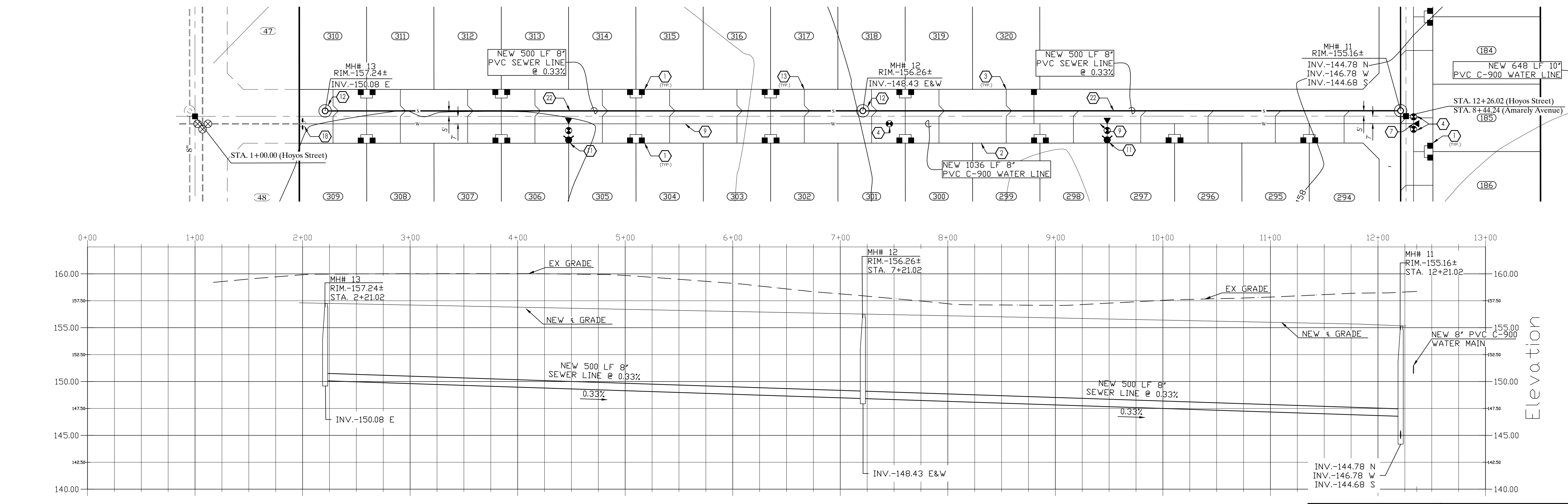
SHEET 5



SCALE HORIZ: 1"=50'  
SCALE VERT: 1"=5'



Ortega Street



Hoyos Street

**NOTES:**

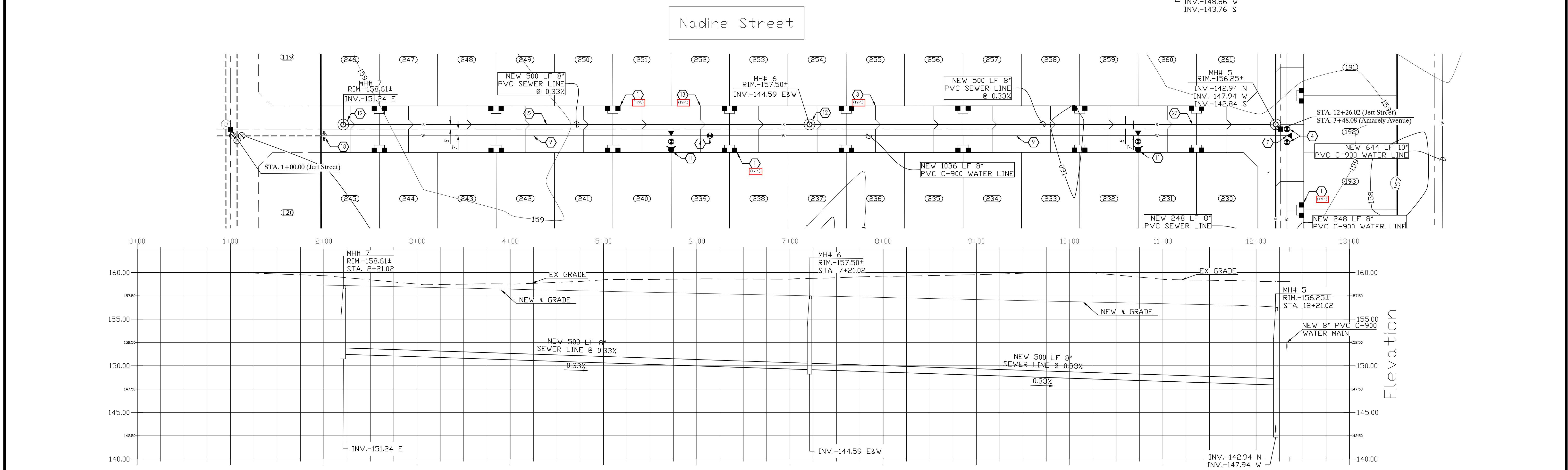
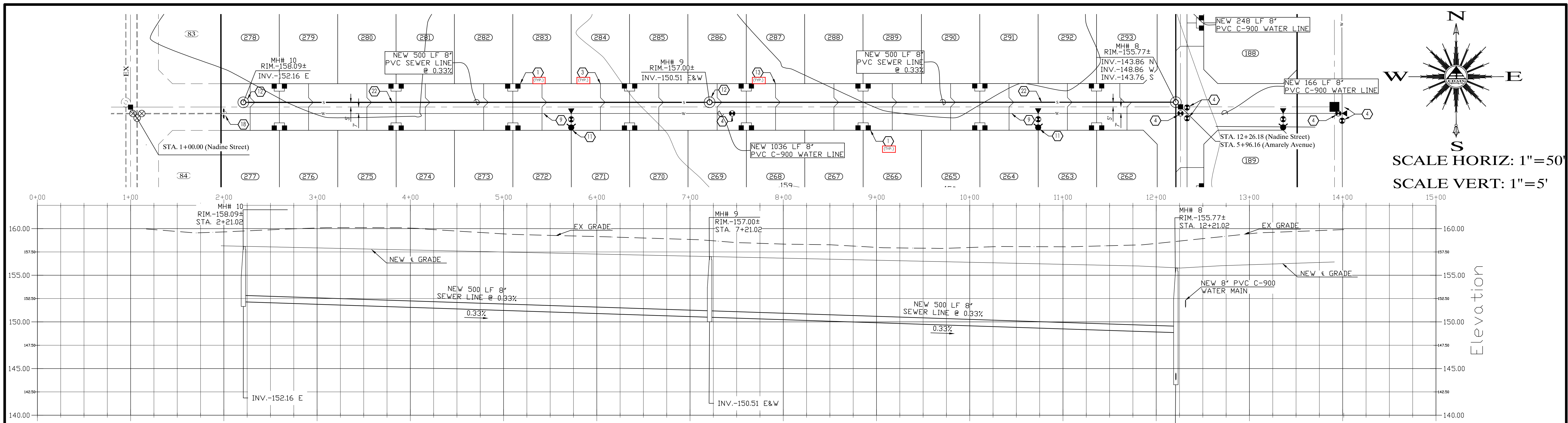
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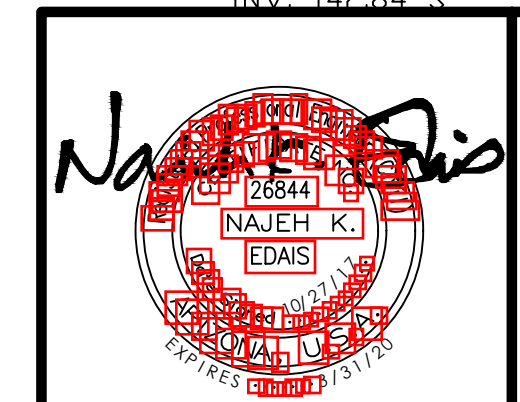
<b>SANTA CECILIA #2</b>			
<i>WATER &amp; SEWER PROFILES</i>			
SCALE: AS SHOWN	DESIGNED BY: J.L.S.	CHECKED BY: N.K.E.	
DATE: OCT.-2017	DRAWN BY: J.L.S.	JOB No. 17-020	
<b>EDAIS Engineering, Inc.</b>		SHEET <b>6</b>	
3075 S. Ave. 4E Yuma, Arizona 85365 (928) 344-3566 FAX (928) 344-1075 EMAIL: EE@Edaisengineering.com			



**NOTES:**

1. FOR LEGEND, WATER/SEWER CONSTRUCTION KEYNOTES AND MATERIAL LIST SEE SHEET 5.
2. SEE SUBDIVISION PLAT FOR ALL DIMENSIONS.
3. SEE PAVING AND GRADING PLAN FOR ALL GRADES.
4. TRENCHING AND BACKFILLING FOR WATER AND SEWER LINES TO BE IN ACCORDANCE WITH CITY OF YUMA STD. 5-081
5. THE CITY OF SAN LUIS WILL ONLY ACCEPT CLOW OR WATEROUS WB-67 FIRE HYDRANTS.
6. THE CITY OF SAN LUIS REQUIRE THAT ALL FITTINGS TO HAVE MEGA LUG OR APPROVED EQUAL MECHANICAL RESTRAINS AND VERTICAL BENDS TO BE MJ RESTRAINED AT THE BENDS PLUS ONE ADDITIONAL RESTRAINT 20' UPSTREAM AND DOWNSTREAM OF THE BEND.

Jett Street



**SANTA CECILIA #2**  
**WATER AND SEWER PROFILES**

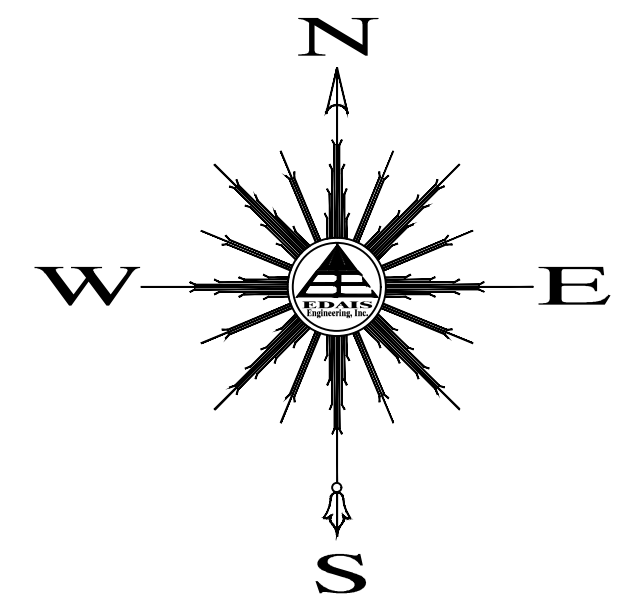
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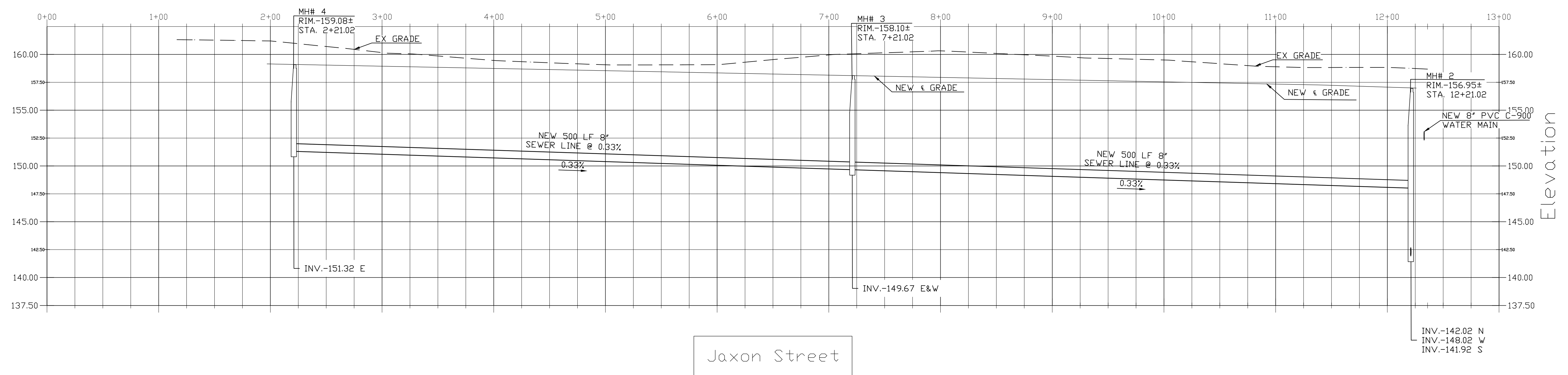
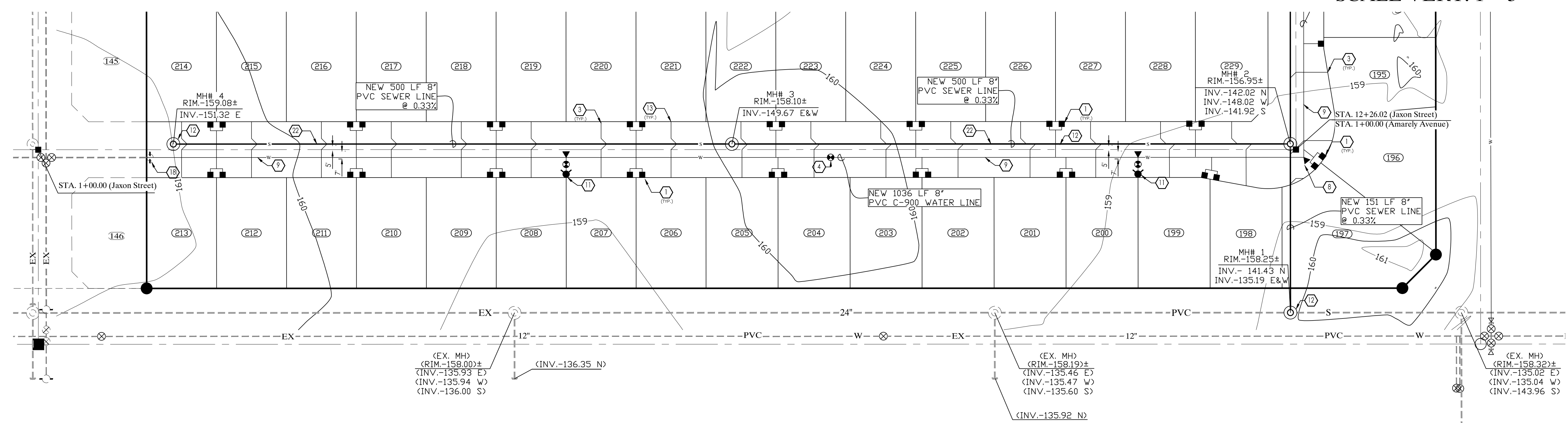
CALL TWO WORKING DAYS BEFORE YOU DIG  
**263-1100**  
**1-800-STAKE-IT**  
(OUTSIDE MARICOPA COUNTY)

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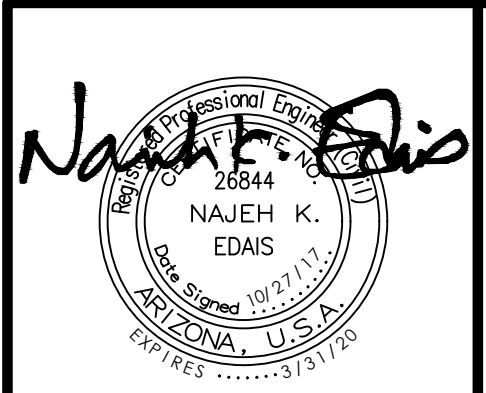
SCALE HORIZ: 1"=50'  
SCALE VERT: 1"=5'



- NOTES:**
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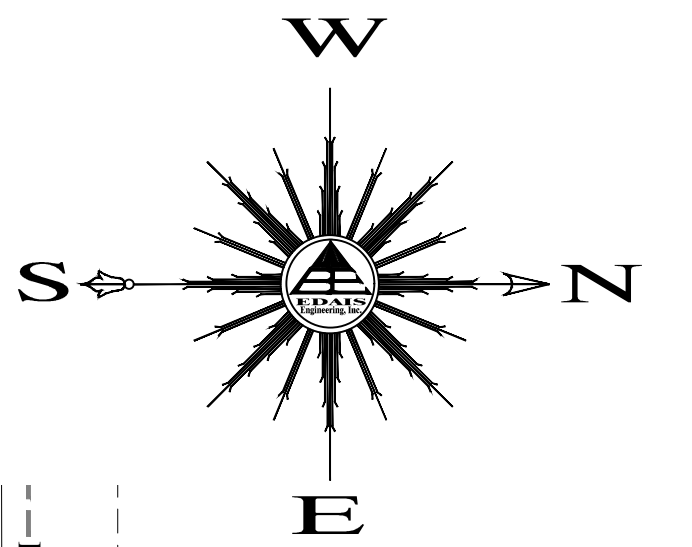
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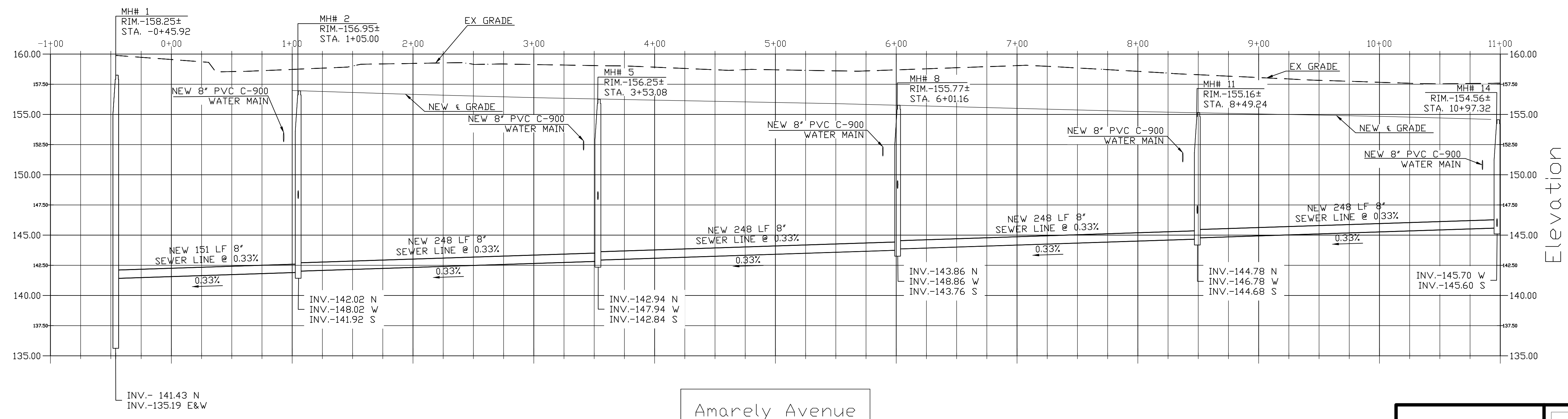
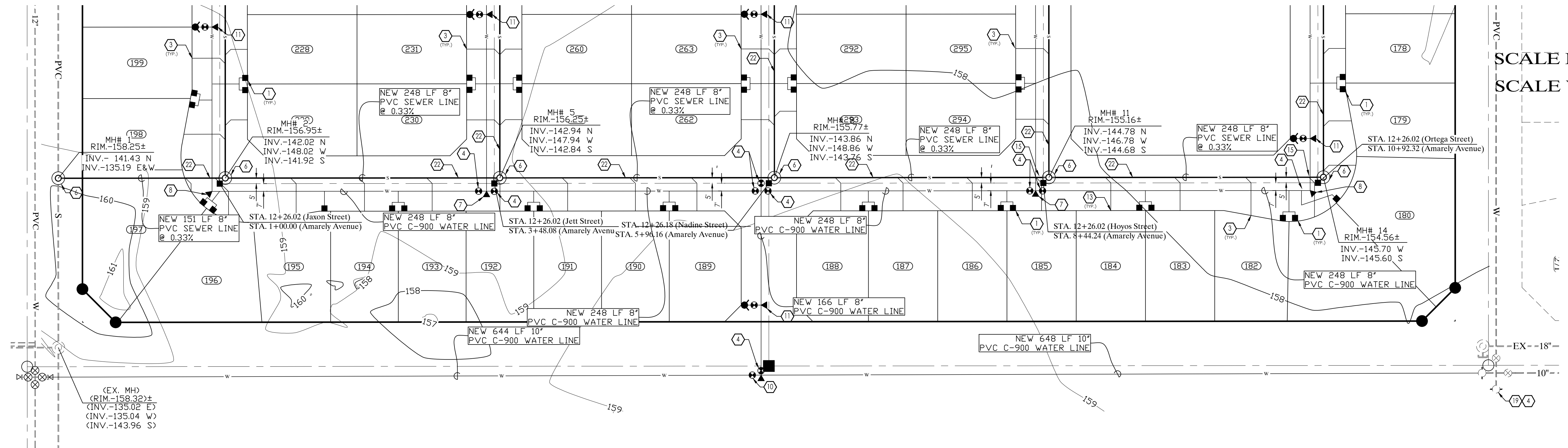
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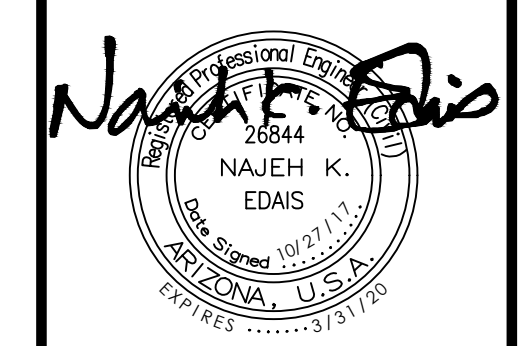
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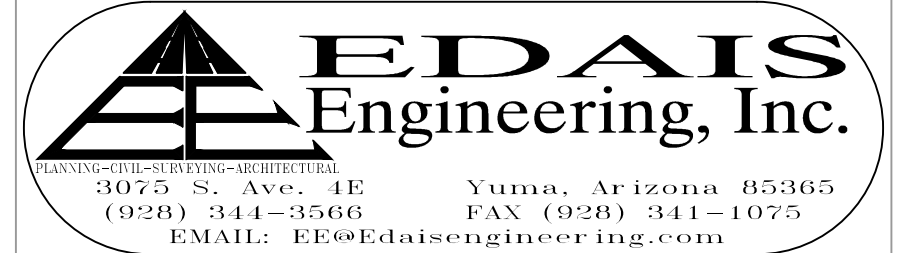
Amarely Avenue



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