

# LOS MEZQUITES UNIT 4 AND LOS MEZQUITES TOWNHOMES 2 SUBDIVISIONS

## 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 SAN LUIS SUPPLEMENT TO THE CITY OF YUMA STANDARDS AND THE MAG SPECIFICATION, 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 SHALL 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. DURING AND 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 MAG 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 WATERLINES 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. 5-030.
- 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.R.18-5-502
- 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 WATERMAIN 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 ELBS, BENDS, HYDRANTS AND DEAD END PLUGS SHALL BE THRUST BLOCKED WITH CAST-IN-PLACE CONCRETE AND SHALL BE MECHANICAL JOINT (MEGA LUG) FITTINGS. 19 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 CITY OF SAN LUIS ENGINEER.
- WATER LINES 4" OR LARGER SHALL BE PVC C900 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 OWOM REGIONAL OFFICE.
- ALL PIPES, FITTINGS, VALVES, COATINGS, ETC. SHALL CONFORM TO ANS/NSF STANDARD 60 AND 61.
- IF DEAD ENDS ON WATER MAINS CANNOT BE AVOIDED, THEY MUST HAVE BLOW-OFF VALVES (MIN. DIA. 2")

## WATER LINE TESTING PROCEDURE

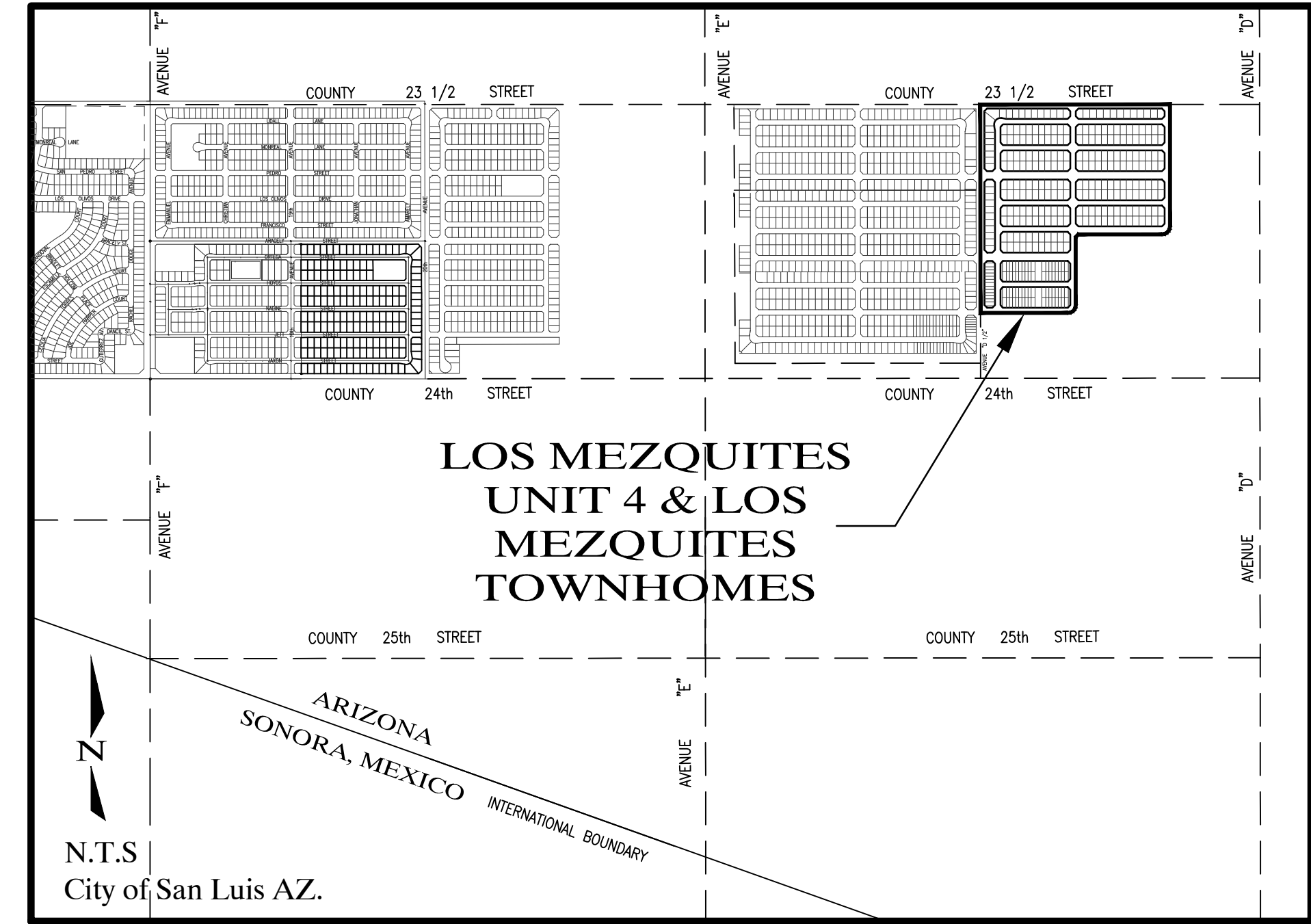
- ALL VISIBLE LEAKS SHALL BE REPAIRED REGARDLESS OF THE AMOUNT OF LEAKAGE AND REGARDLESS OF WHETHER THE LEAK DEVELOPS UNDER TEST PRESSURE OR LINE PRESSURE.
- INITIAL PRESSURES FOR BOTH THE PRESSURE TEST AND ALLOWABLE LEAKAGE TEST SHALL BE A MINIMUM OF 150 PSI
- A PRESSURE TEST WILL BE DEEMED AS SUCCESSFUL 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 WATERMAIN 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 e.

## LEGEND

	BOUNDARY LINE
	CENTER LINE
	PROPERTY LINE
	LOT LINE
	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
	EXISTING CURB & GUTTER ELEVATION
	NEW CURB AND GUTTER ELEVATION
	NEW ASPHALT ELEVATION
	EXISTING SEWER LINE
	EXISTING WATER MAIN
	NEW SEWER LINE
	NEW WATER MAIN
	NEW MANHOLE
	EXISTING MANHOLE
	NEW MANHOLE
	INDICATES INVERT ELEVATION
	NEW DUAL WATER SERVICE
	NEW SINGLE WATER SERVICE
	NEW FIRE HYDRANT
	NEW GATE VALVE
	NEW GATE VALVE
	NEW TEMPORARY BLOWOFF
	NEW SEWER SERVICE



VICINITY MAP

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## 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 W1/4 COR OF SECTION 11, T11S, R24W, FOUND B.C. GLO 1920 IN HAND HOLE ELEVATION = 156.96 FEET

REVISIONS


COVER SHEET

LOS MEZQUITES UNIT 4  
AND  
LOS MEZQUITES  
TOWNHOMES 2  
SUBDIVISIONS

**EDAIS Engineering, Inc.**  
S. AVENUE 4E  
YUMA, ARIZONA 85365  
na.joh@edaisgroup.com (928) 344-3566  
www.edaisengineering.com

DATE:  
APR 2024

DRAWN:  
LPR/JAT

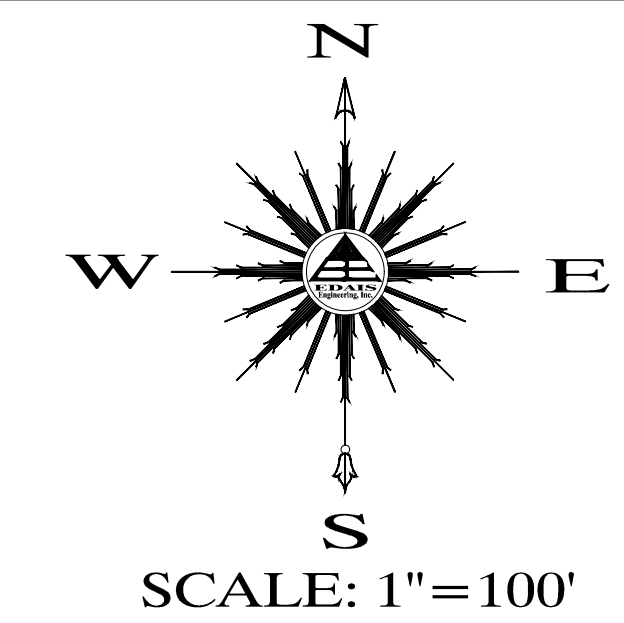
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PROJECT:  
21-028

SHEET NUMBER

0

REVISIONS	



PAVING AND  
GRADING PLAN  
KEY MAP

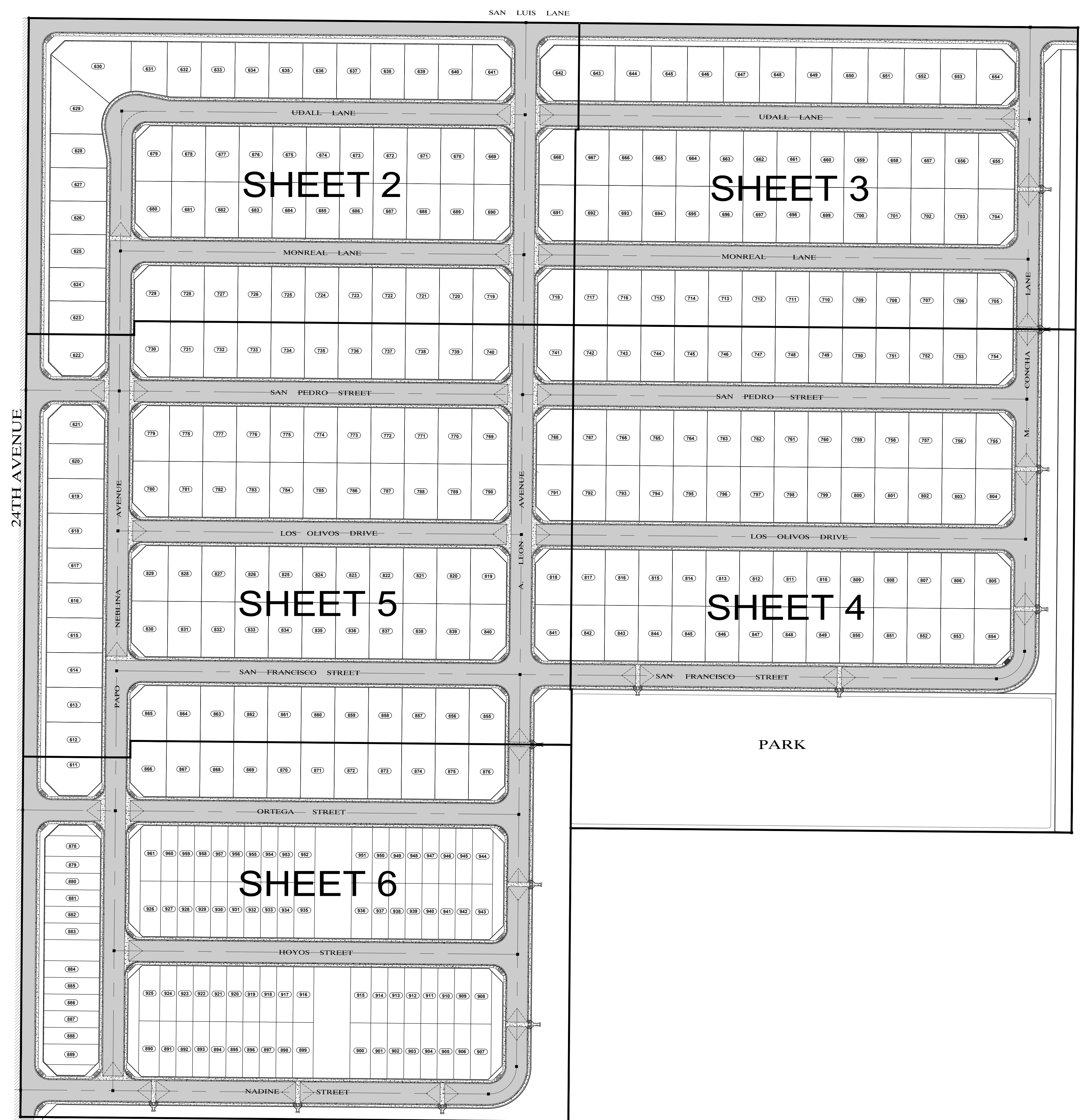
LOS MEZQUITES UNIT 4  
AND  
LOS MEZQUITES  
TOWNHOMES 2  
SUBDIVISIONS

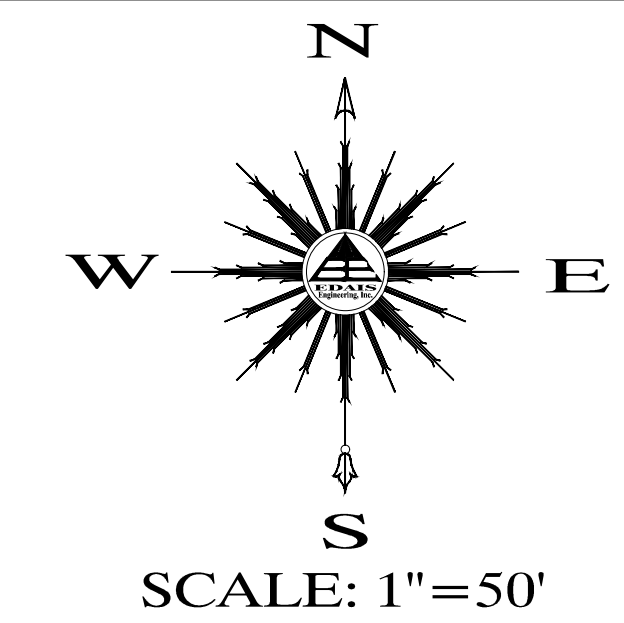
**EDAIS**  
Engineering, Inc.  
Yuma, Arizona 85365  
www.edaisgroup.com (928) 344-3000  
edais@edaisgroup.com  
www.edaisengineering.com

DATE:  
APR 2024  
DRAWN:  
LPR  
CHECKED:  
NKE  
PROJECT:  
21-028

SHEET NUMBER  
**1**

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





REVISIONS	

**LEGEND**

- CENTERLINE
- BOUNDARY LINE
- EXISTING ASPHALT
- EXISTING VERTICAL CURB AND GUTTER
- NEW ASPHALT
- NEW CMU WALL
- FOUND MONUMENT (TYPE AS SHOWN)
- INDICATES BRASS CAP
- EXISTING NATURAL SOIL ELEVATION
- EXISTING ASPHALT ELEVATION
- EXISTING CURB & GUTTER ELEVATION
- NEW LOT NUMBER
- A.P.N.
- Y.C.R.
- NEW LOT NUMBER
- NEW ASPHALT ELEVATION
- NEW CURB & GUTTER ELEVATION
- NEW SLOPE
- NEW STREET LIGHT
- RETENTION SLOPE
- GRADE BREAK
- H.W.E. HIGH WATER ELEVATION
- NEW STREET MONUMENT AS PER CITY OF YUMA STD. No. 04-030 & 04-035
- NEW SUBDIVISION BOUNDARY MONUMENT AS PER CITY OF YUMA STD. DETAIL No. 04-015
- NEW DRIVEWAY
- NEW DOUBLE FACED STREET SIGN W/STOP SIGN
- F.G. FINISH GRADE ELEVATION

**KEYNOTES**

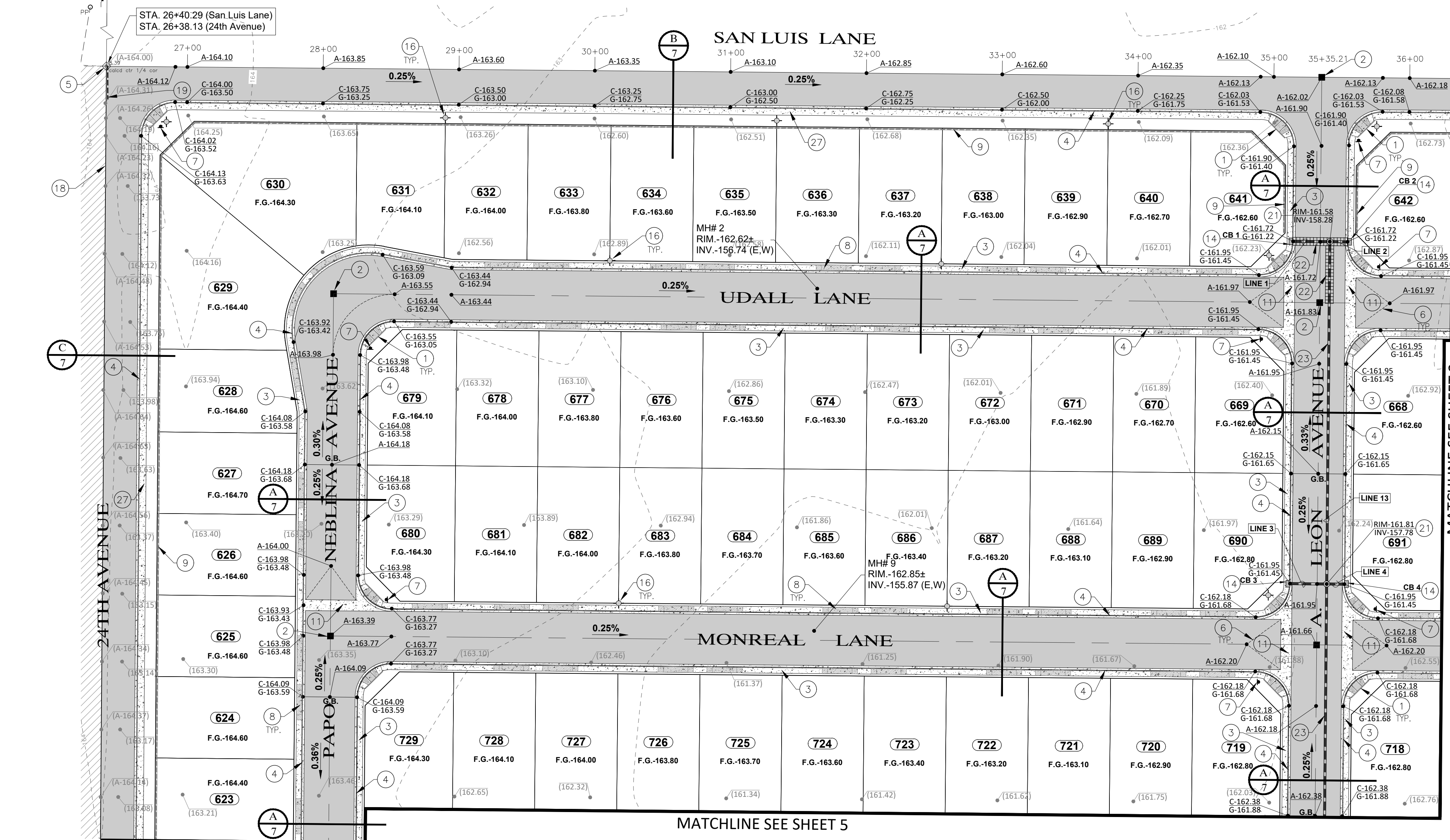
- 1 NEW CONCRETE SIDEWALK RAMP AS PER CITY OF YUMA STD. NO. 3-145
- 2 NEW STREET MONUMENT AS PER CITY OF YUMA STD. NO. 4-030
- 3 NEW 4' CONCRETE SIDEWALK AS PER CITY OF YUMA STD. NO. 3-135
- 4 NEW VERTICAL CURB & GUTTER AS PER CITY OF YUMA STD. NO. 3-060
- 5 EXISTING STREET MONUMENT
- 6 NEW CROWN TRANSITION AS SHOWN ON THE PLANS
- 7 NEW DOUBLE FACED STREET SIGN & STOP SIGN AS PER CITY OF YUMA STD. NO. 8-005 & 8-020
- 8 NEW 18' DRIVEWAY AS PER CITY OF YUMA STD. NO. 3-105
- 9 NEW 6' HIGH (AS MEASURED FROM THE HIGHER GROUND ELEVATION SIDE OF WALL) CMU WALL AS PER CITY OF YUMA STD. NO. 1-015.
- 10 NEW BOUNDARY MONUMENT AS PER CITY OF YUMA STD. NO. 4-015
- 11 NEW 8' CROSS VALLEY GUTTER AS PER CITY OF YUMA STD. NO. 3-095 (SIZE AS PER PLANS)
- 12 NEW 4' WIDE CONCRETE SPILLWAY AS PER DETAIL (C) (E)
- 13 NEW 40' SHARED DRIVEWAY AS PER CITY OF YUMA STD. NO. 3-105
- 14 NEW CITY OF YUMA STANDARD NO. 11-015 TYPE C CATCH BASIN
- 15 INSTALL NEW 4"x4" FIRE HYDRANT STREET MARKER AS PER CITY OF YUMA STD. NO. 5-160
- 16 NEW STREET LIGHT BY DEVELOPER AS PER CITY OF YUMA STANDARD NO. 7-010 & 7-040
- 17 NEW HEADWALL AS PER DETAIL (H) (M)
- 18 SAWCUT EXISTING PAVEMENT & MATCH NEW PAVEMENT
- 19 EXISTING BARRICADE TO BE REMOVED
- 20 NOT USE
- 21 NEW STORMDRAIN MANHOLE AS PER YUMA COUNTY STD. NO. 5-035
- 22 NEW CONCRETE CAP (100 LF) AS PER DETAIL (P)
- 23 NEW ADS-N-12 WT IB STORMDRAIN PIPE (SIZE AS PER PLAN)
- 24 NEW 26' SHARED DRIVEWAY AS PER CITY OF YUMA STD. NO. 3-105
- 25 NEW DOUBLE FACED STREET SIGN AS PER CITY OF YUMA STD. NO. 8-005 & 8-020
- 26 NEW 8' HIGH CMU WALL AS PER DETAIL (C)
- 27 NEW 5' CONCRETE SIDEWALK AS PER CITY OF YUMA STD. NO. 3-135

**STORM DRAIN LINES & CATCH BASIN**

#LINE	DESCRIPTION	SLOPE
LINE 1		
LINE 3		
LINE 5	NEW 27 LF 24" ADS N-12 WT IB STORM DRAIN PIPE	0.20%
LINE 7		
LINE 9		
LINE 2		
LINE 4		
LINE 6		
LINE 8		
LINE 10	NEW 13 LF 24" ADS N-12 WT IB STORM DRAIN PIPE	0.20%
LINE 11	NEW 4 LF 24" ADS N-12 WT IB STORM DRAIN PIPE	0.20%
LINE 12	NEW 35 LF 24" ADS N-12 WT IB STORM DRAIN PIPE	0.20%
LINE 13	NEW 252 LF 24" ADS N-12 WT IB STORM DRAIN PIPE	0.20%
LINE 14	NEW 252 LF 30" ADS N-12 WT IB STORM DRAIN PIPE	0.21%
LINE 15	NEW 252 LF 36" ADS N-12 WT IB STORM DRAIN PIPE	0.15%
LINE 16	NEW 252 LF 42" ADS N-12 WT IB STORM DRAIN PIPE	0.10%
LINE 17	NEW 59 LF 42" ADS N-12 WT IB STORM DRAIN PIPE	0.11%
LINE 18	NEW 699 LF 30" ADS N-12 WT IB STORM DRAIN PIPE	0.15%
LINE 19	NEW 58 LF 48" ADS N-12 WT IB STORM DRAIN PIPE	0.10%

CATCH BASIN NO.	RIM	INVERT
CB 1	161.22	158.33
CB 2	161.22	158.31
CB 3	161.45	157.83
CB 4	161.45	158.81
CB 5	161.68	157.30
CB 6	161.68	158.28
CB 7	161.90	157.01
CB 8	161.90	156.99
CB 9	161.72	156.67
CB 10	161.72	156.65
CB 11	161.38	157.66
CB 12	161.38	157.64

COUNTY 23RD STREET



MATCHLINE SEE SHEET 5

MATCHLINE SEE SHEET 3

LOS MEZQUITES UNIT 4 AND LOS MEZQUITES TOWNHOMES 2 SUBDIVISIONS

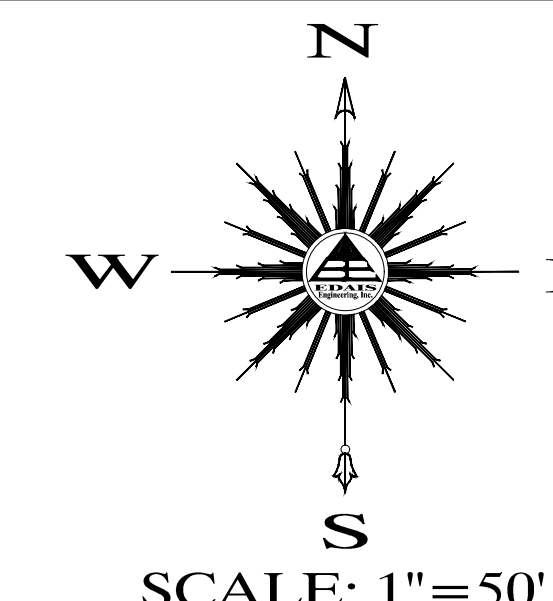


DATE: APR 2024  
DRAWN: LPR  
CHECKED: NKE  
PROJECT: 21-028

SHEET NUMBER

2

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



REVISIONS	

**LEGEND**

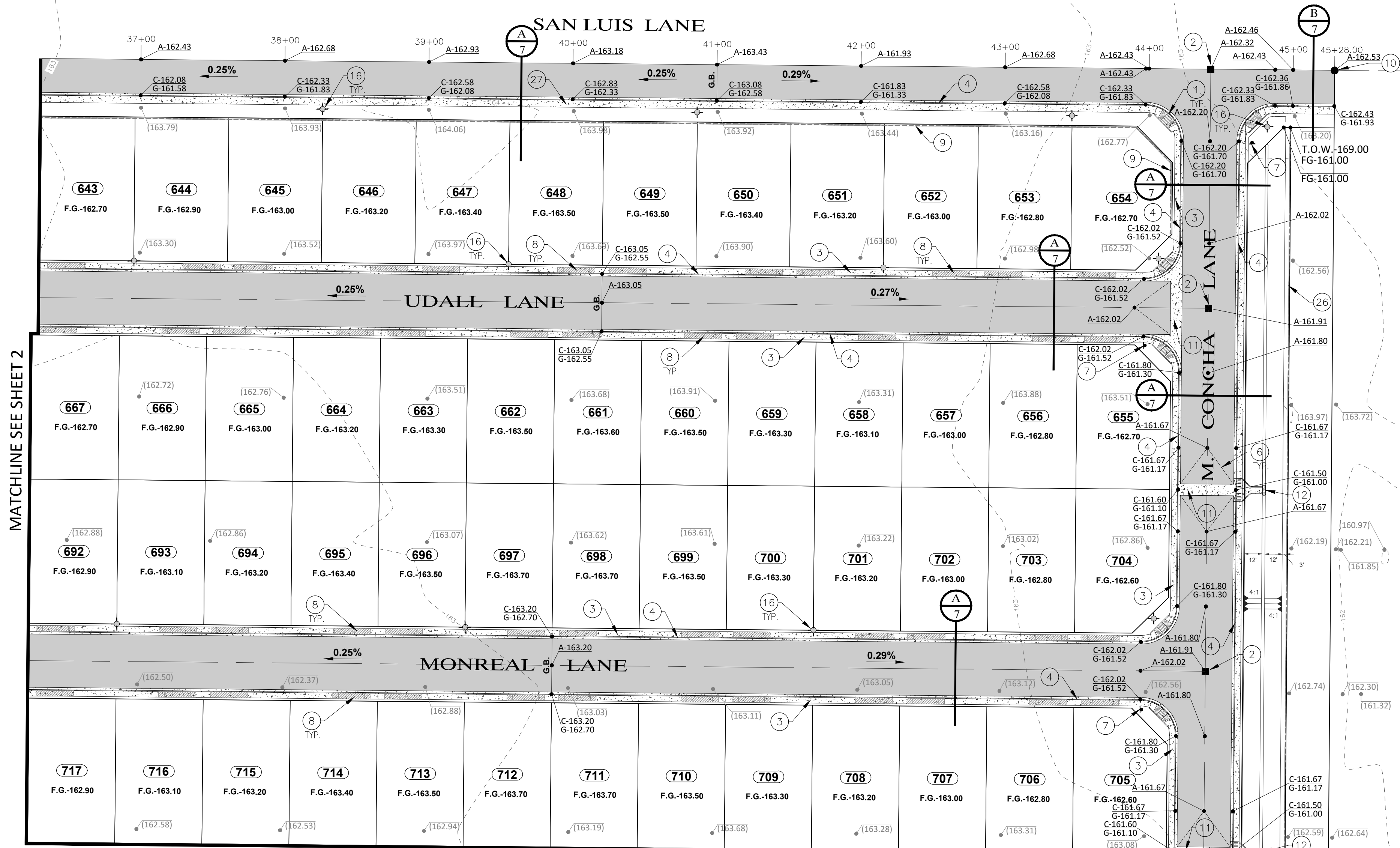
- CENTERLINE
- BOUNDARY LINE
- ////// EXISTING ASPHALT
- ===== EXISTING VERTICAL CURB AND GUTTER
- ===== NEW ASPHALT
- ===== NEW CMU WALL
- B.C.
- (158.57) (A-159.03) (C-157.63) (G-157.13)
- (100) NEW LOT NUMBER
- A.P.N. ASSESSOR PARCEL NUMBER
- Y.C.R. YUMA COUNTY RECORDER
- (100) NEW LOT NUMBER
- NEW ASPHALT ELEVATION
- NEW CURB & GUTTER ELEVATION
- 0.2% NEW SLOPE
- ★ NEW STREET LIGHT
- 4:1 RETENTION SLOPE
- GRADE BREAK
- H.W.E. HIGH WATER ELEVATION
- NEW STREET MONUMENT AS PER YUMA CITY OF YUMA STD. NO. 04-030 & 04-035
- NEW SUBDIVISION BOUNDARY MONUMENT AS PER CITY OF YUMA STD. DETAIL NO. 04-015
- NEW DRIVEWAY
- NEW DOUBLE FACED STREET SIGN W/STOP SIGN
- F.G. FINISH GRADE ELEVATION

**KEYNOTES**

- 1 NEW CONCRETE SIDEWALK RAMP AS PER CITY OF YUMA STD. NO. 3-145
- 2 NEW STREET MONUMENT AS PER CITY OF YUMA STD. NO. 4-030
- 3 NEW 4' CONCRETE SIDEWALK AS PER CITY OF YUMA STD. NO. 3-135
- 4 NEW VERTICAL CURB & GUTTER AS PER CITY OF YUMA STD. NO. 3-060
- 5 EXISTING STREET MONUMENT
- 6 NEW CROWN TRANSITION AS SHOWN ON THE PLANS
- 7 NEW DOUBLE FACED STREET SIGN & STOP SIGN AS PER CITY OF YUMA STD. NO. 8-005 & 8-020
- 8 NEW 18' DRIVEWAY AS PER CITY OF YUMA STD. NO. 3-105
- 9 NEW 6' HIGH (AS MEASURED FROM THE HIGHER GROUND ELEVATION SIDE OF WALL) CMU WALL AS PER CITY OF YUMA STD. NO. 1-015
- 10 NEW BOUNDARY MONUMENT AS PER CITY OF YUMA STD. NO. 4-015
- 11 NEW 8' CROSS VALLEY GUTTER AS PER CITY OF YUMA STD. NO. 3-095 (SIZE AS PER PLANS)
- 12 NEW 4' WIDE CONCRETE SPILLWAY AS PER DETAIL (C) (S)
- 13 NEW 40' SHARED DRIVEWAY AS PER CITY OF YUMA STD. NO. 3-105
- 14 NEW CITY OF YUMA STANDARD NO. 11-015 TYPE C CATCH BASIN
- 15 INSTALL NEW 4"x4" FIRE HYDRANT STREET MARKER AS PER CITY OF YUMA STD. NO. 5-160
- 16 NEW STREET LIGHT BY DEVELOPER AS PER CITY OF YUMA STANDARD NO. 7-010 & 7-040
- 17 NEW HEADWALL AS PER DETAIL (B) (T)
- 18 SAWCUT EXISTING PAVEMENT & MATCH NEW PAVEMENT
- 19 EXISTING BARRICADE TO BE REMOVED
- 20 NOT USE
- 21 NEW STORMDRAIN MANHOLE AS PER YUMA COUNTY STD. NO. 5-035
- 22 NEW CONCRETE CAP (100 LF) AS PER DETAIL (D) (T)
- 23 NEW ADS-N-12 WT IB STORMDRAIN PIPE (SIZE AS PER PLAN)
- 24 NEW 26' SHARED DRIVEWAY AS PER CITY OF YUMA STD. NO. 3-105
- 25 NEW DOUBLE FACED STREET SIGN AS PER CITY OF YUMA STD. NO. 8-005 & 8-020
- 26 NEW 8' HIGH CMU WALL AS PER DETAIL (C) (S)
- 27 NEW 5' CONCRETE SIDEWALK AS PER CITY OF YUMA STD. NO. 3-135

**STORM DRAIN LINES & CATCH BASIN**

LINE	DESCRIPTION	SLOPE	CATCH BASIN NO.	RIM	INVERT
LINE 1					
LINE 3					
LINE 5	NEW 27 LF 24" ADS N-12 WT IB STORM DRAIN PIPE	0.20%	CB 1	161.22	158.33
LINE 7			CB 2	161.22	158.31
LINE 9			CB 3	161.45	157.83
LINE 2			CB 4	161.45	158.81
LINE 4			CB 5	161.68	157.30
LINE 6			CB 6	161.68	158.28
LINE 8	NEW 13 LF 24" ADS N-12 WT IB STORM DRAIN PIPE	0.20%	CB 7	161.90	157.01
LINE 10			CB 8	161.90	156.99
LINE 11			CB 9	161.72	156.67
LINE 12	NEW 4 LF 24" ADS N-12 WT IB STORM DRAIN PIPE	0.20%	CB 10	161.72	156.65
LINE 13	NEW 35 LF 24" ADS N-12 WT IB STORM DRAIN PIPE	0.20%	CB 11	161.38	157.66
LINE 14	NEW 252 LF 24" ADS N-12 WT IB STORM DRAIN PIPE	0.20%	CB 12	161.38	157.64
LINE 15	NEW 252 LF 30" ADS N-12 WT IB STORM DRAIN PIPE	0.20%			
LINE 16	NEW 252 LF 36" ADS N-12 WT IB STORM DRAIN PIPE	0.21%			
LINE 17	NEW 252 LF 42" ADS N-12 WT IB STORM DRAIN PIPE	0.15%			
LINE 18	NEW 59 LF 42" ADS N-12 WT IB STORM DRAIN PIPE	0.10%			
LINE 19	NEW 59 LF 42" ADS N-12 WT IB STORM DRAIN PIPE	0.11%			
LINE 20	NEW 699 LF 30" ADS N-12 WT IB STORM DRAIN PIPE	0.15%			
LINE 21	NEW 58 LF 48" ADS N-12 WT IB STORM DRAIN PIPE	0.10%			



MATCHLINE SEE SHEET 2

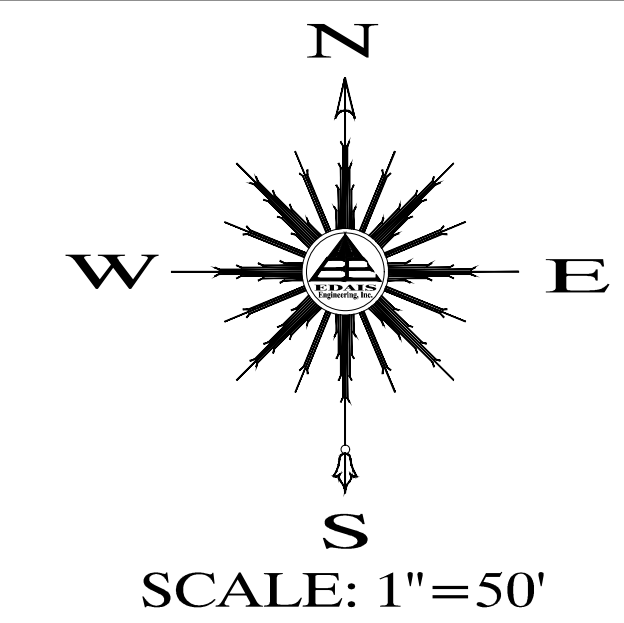
MATCHLINE SEE SHEET 4

LOS MEZQUITES UNIT 4  
 AND  
 LOS MEZQUITES  
 TOWNHOMES 2  
 SUBDIVISIONS

**EDAIS**  
 Engineering, Inc.  
 Yuma, Arizona 85305  
 www.edaisengineering.com  
 najah@edaisgroup.com (928) 344-3060

DATE:  
 APR 2024  
 DRAWN:  
 LPR  
 CHECKED:  
 NKE  
 PROJECT:  
 21-028  
 SHEET NUMBER  
**3**

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

MATCHLINE SEE SHEET 3



**LEGEND**

- CENTERLINE
- BOUNDARY LINE
- ▨ EXISTING ASPHALT
- ▤ EXISTING VERTICAL CURB AND GUTTER
- ▧ NEW ASPHALT
- ▩ NEW CMU WALL
- FOUND MONUMENT (TYPE AS SHOWN) INDICATES BRASS CAP
- B.C.
- (158.57) EXISTING NATURAL SOIL ELEVATION
- (A-159.03) EXISTING ASPHALT ELEVATION
- (C-157.63) EXISTING CURB & GUTTER ELEVATION
- (100) NEW LOT NUMBER
- A.P.N. ASSESSOR PARCEL NUMBER
- Y.C.R. YUMA COUNTY RECORDER
- (100) NEW LOT NUMBER
- 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
- GRADE BREAK
- H.W.E. HIGH WATER ELEVATION
- NEW STREET MONUMENT AS PER YUMA CITY OF YUMA STD. NO. 04-030 & 04-035
- NEW SUBDIVISION BOUNDARY MONUMENT AS PER CITY OF YUMA STD. DETAIL NO. 04-015
- ▬ NEW DRIVEWAY
- ↔ NEW DOUBLE FACED STREET SIGN W/STOP SIGN
- F.G. FINISH GRADE ELEVATION

**KEYNOTES**

- 1 NEW CONCRETE SIDEWALK RAMP AS PER CITY OF YUMA STD. NO. 3-145
- 2 NEW STREET MONUMENT AS PER CITY OF YUMA STD. NO. 4-030
- 3 NEW 4" CONCRETE SIDEWALK AS PER CITY OF YUMA STD. NO. 3-135
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- 8 NEW 18" DRIVEWAY AS PER CITY OF YUMA STD. NO. 3-105
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- 11 NEW 8" CROSS VALLEY GUTTER AS PER CITY OF YUMA STD. NO. 3-095 (SIZE AS PER PLANS)
- 12 NEW 4" WIDE CONCRETE SPILLWAY AS PER DETAIL (C-1)
- 13 NEW 40' SHARED DRIVEWAY AS PER CITY OF YUMA STD. NO. 3-105
- 14 NEW CITY OF YUMA STANDARD NO. 11-015 TYPE C CATCH BASIN
- 15 INSTALL NEW 4"x4" FIRE HYDRANT STREET MARKER AS PER CITY OF YUMA STD. NO. 5-160
- 16 NEW STREET LIGHT BY DEVELOPER AS PER CITY OF YUMA STANDARD NO. 7-010 & 7-040
- 17 NEW HEADWALL AS PER DETAIL (H-1)
- 18 SAWCUT EXISTING PAVEMENT & MATCH NEW PAVEMENT
- 19 EXISTING BARRICADE TO BE REMOVED
- 20 NOT USE
- 21 NEW STORMDRAIN MANHOLE AS PER YUMA COUNTY STD. NO. 5-035
- 22 NEW CONCRETE CAP (100 LF) AS PER DETAIL (C-2)
- 23 NEW ADS-N-12 WT IB STORMDRAIN PIPE (SIZE AS PER PLAN)
- 24 NEW 26' SHARED DRIVEWAY AS PER CITY OF YUMA STD. NO. 3-105
- 25 NEW DOUBLE FACED STREET SIGN AS PER CITY OF YUMA STD. NO. 8-005 & 8-020
- 26 NEW 8" HIGH CMU WALL AS PER DETAIL (C-3)
- 27 NEW 5' CONCRETE SIDEWALK AS PER CITY OF YUMA STD. NO. 3-135

**STORM DRAIN LINES & CATCH BASIN**

#LINE	DESCRIPTION	SLOPE	CATCH BASIN NO.	RIM	INVERT
LINE 1	NEW 27 LF 24" ADS N-12 WT IB STORM DRAIN PIPE	0.20%	CB 1	161.22	158.33
LINE 2			CB 2	161.22	158.31
LINE 3			CB 3	161.45	157.83
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LINE 9			CB 9	161.72	156.67
LINE 10			CB 10	161.72	156.65
LINE 11			CB 11	161.38	157.66
LINE 12			CB 12	161.38	157.64
LINE 13	NEW 252 LF 24" ADS N-12 WT IB STORM DRAIN PIPE	0.20%			
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LINE 19	NEW 58 LF 48" ADS N-12 WT IB STORM DRAIN PIPE	0.10%			

MATCHLINE SEE SHEET 5

MATCHLINE SEE SHEET 6

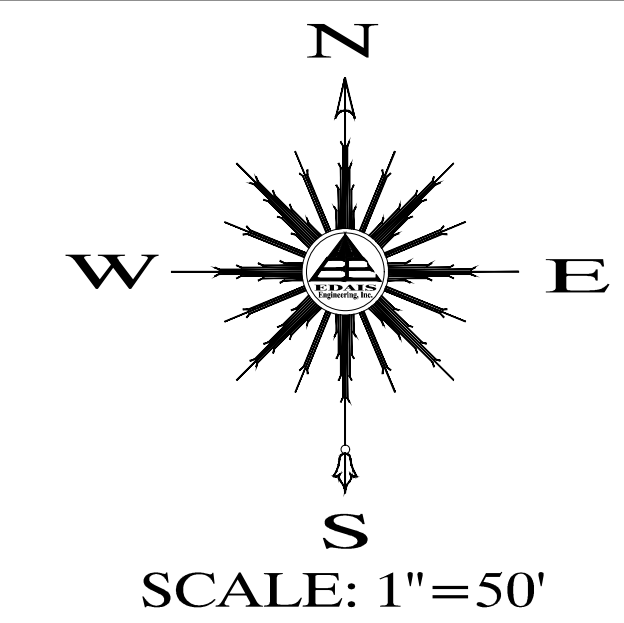
LOS MEZQUITES UNIT 4 AND LOS MEZQUITES TOWNHOMES 2 SUBDIVISIONS



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CHECKED: NKE  
PROJECT: 21-028

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(OUTSIDE MARICOPA COUNTY)



REVISIONS	

MATCHLINE SEE SHEET 2



MATCHLINE SEE SHEET 6

**LEGEND**

- CENTERLINE
- BOUNDARY LINE
- ▨▨▨▨ EXISTING ASPHALT
- ===== EXISTING VERTICAL CURB AND GUTTER
- ===== NEW ASPHALT
- ===== NEW CMU WALL
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- B.C.
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- 13 NEW 40' SHARED DRIVEWAY AS PER CITY OF YUMA STD. NO. 3-105
- 14 NEW CITY OF YUMA STANDARD NO. 11-015 TYPE C CATCH BASIN
- 15 INSTALL NEW 4"x4" FIRE HYDRANT STREET MARKER AS PER CITY OF YUMA STD. NO. 5-160
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**STORM DRAIN LINES & CATCH BASIN**

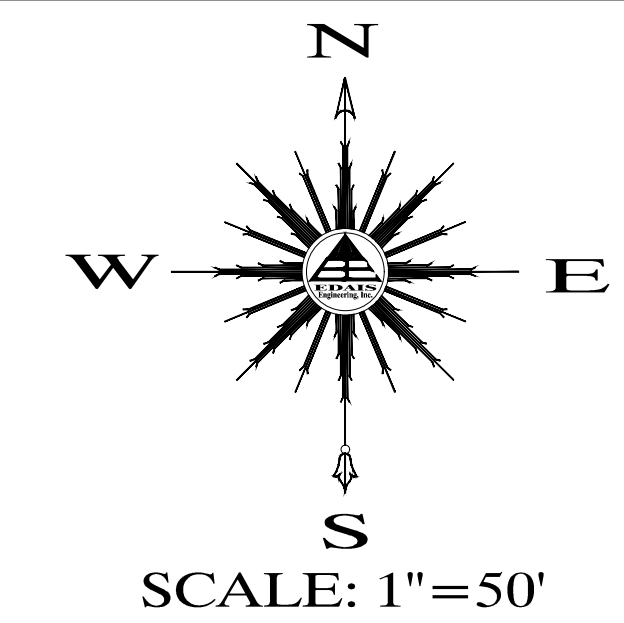
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LOS MEZQUITES UNIT 4  
 AND  
 LOS MEZQUITES  
 TOWNHOMES 2  
 SUBDIVISIONS

**EDAIS**  
 Engineering, Inc.  
Yuma, Arizona 85305  
 najeh@edaisgroup.com (928) 344-3008  
 www.edaisengineering.com

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REVISIONS	

MATCHLINE SEE SHEET 5

MATCHLINE SEE SHEET 4

**LEGEND**

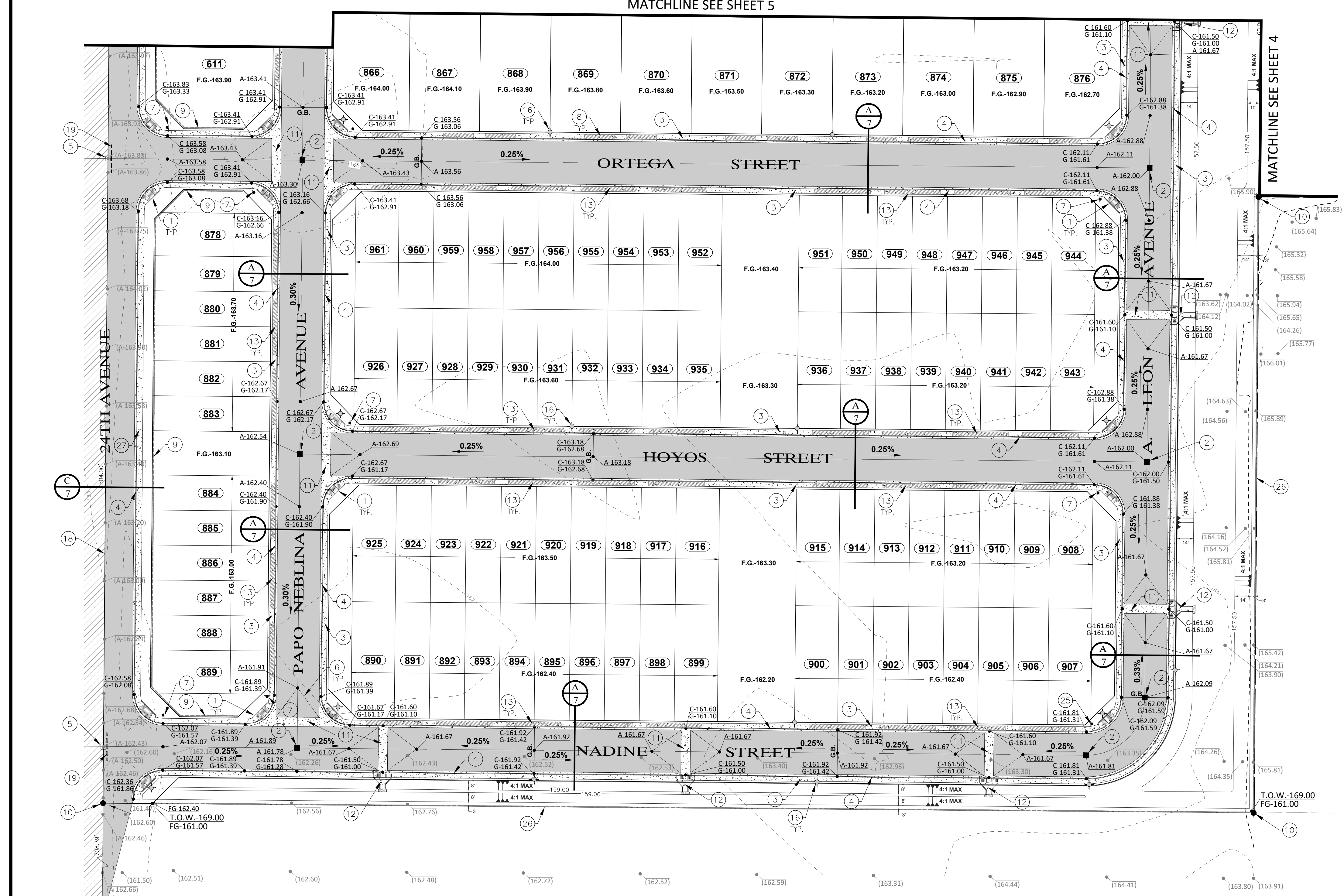
- CENTERLINE
- BOUNDARY LINE
- EXISTING ASPHALT
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- NEW ASPHALT
- NEW CMU WALL
- FOUND MONUMENT (TYPE AS SHOWN)
- INDICATES BRASS CAP
- EXISTING NATURAL SOIL ELEVATION
- EXISTING ASPHALT ELEVATION
- EXISTING CURB & GUTTER ELEVATION
- NEW LOT NUMBER
- ASSESSOR PARCEL NUMBER
- YUMA COUNTY RECORDER
- NEW LOT NUMBER
- NEW ASPHALT ELEVATION
- NEW SLOPE
- NEW STREET LIGHT
- RETENTION SLOPE
- GRADE BREAK
- HIGH WATER ELEVATION
- DETAIL No. 04-015
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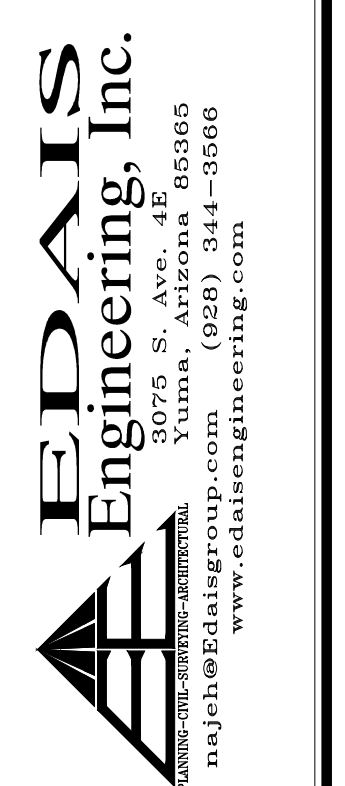
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COUNTY 24TH STREET

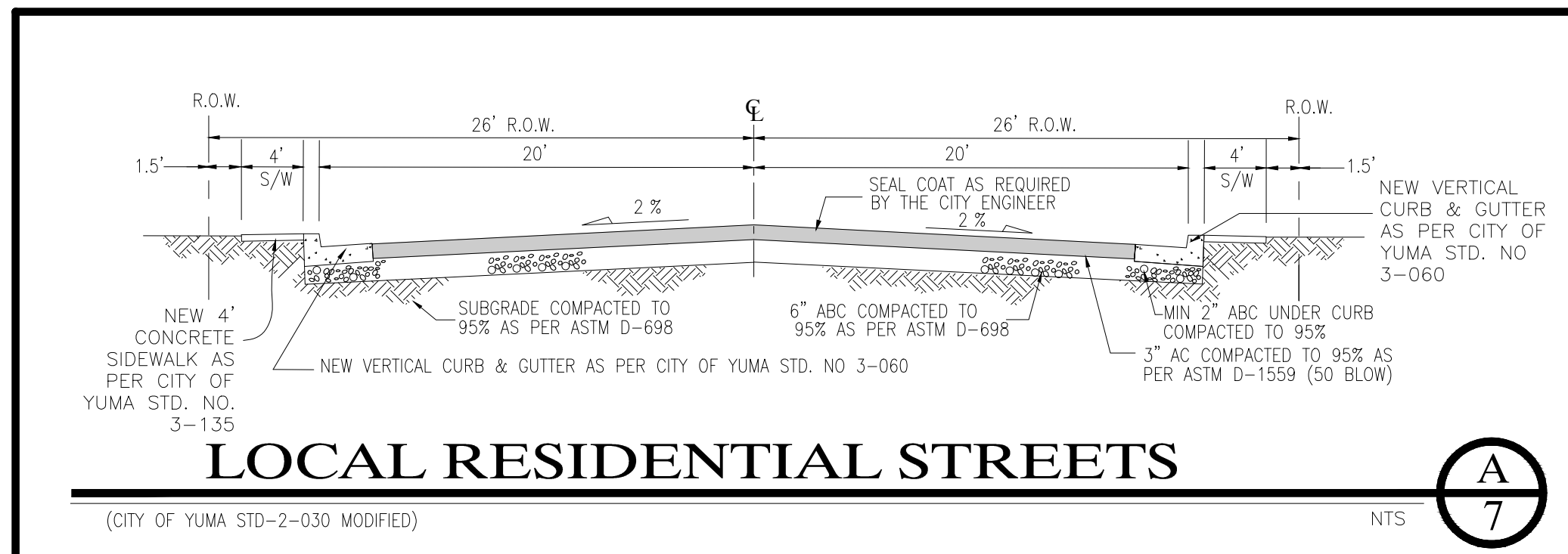
**LOS MEZQUITES UNIT 4 AND LOS MEZQUITES TOWNHOMES 2 SUBDIVISIONS**  
**PAVING AND GRADING PLAN**



DATE: APR 2024  
 DRAWN: LPR  
 CHECKED: NKE  
 PROJECT: 21-028

SHEET NUMBER  
**6**

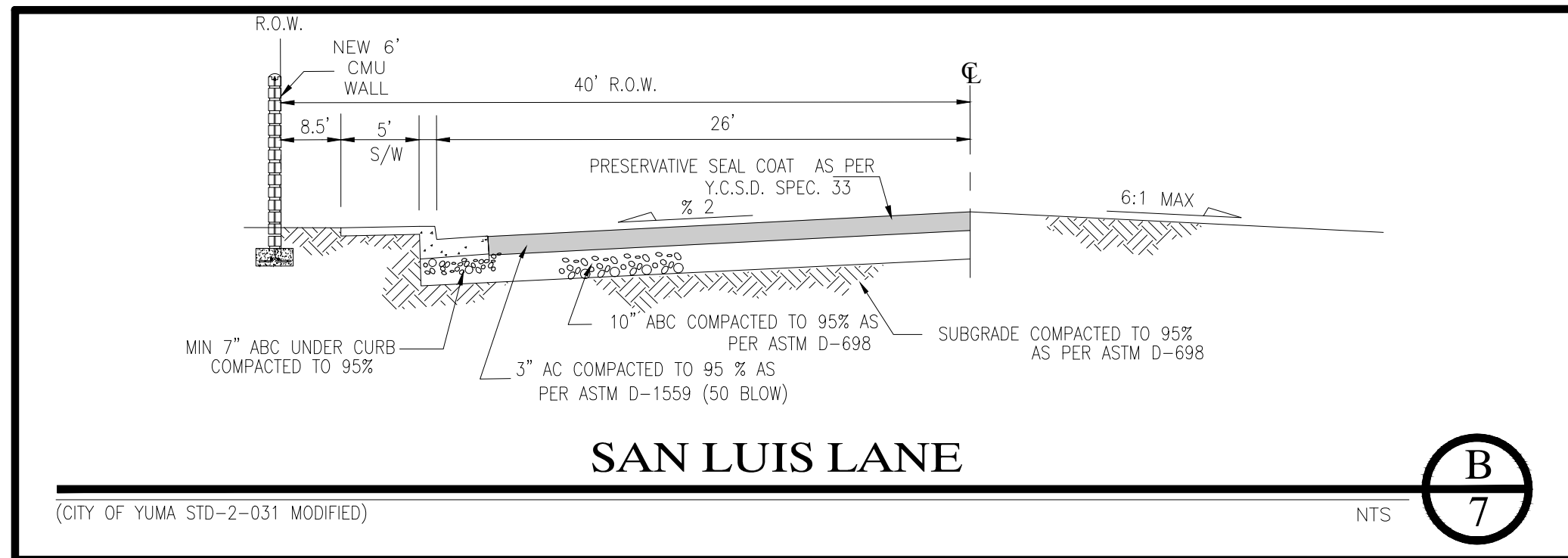
CALL TWO WORKING DAYS BEFORE YOU DIG  
 263-1100  
 1-800-STAKE-IT  
 (OUTSIDE MARICOPA COUNTY)



**LOCAL RESIDENTIAL STREETS**

(CITY OF YUMA STD-2-030 MODIFIED)

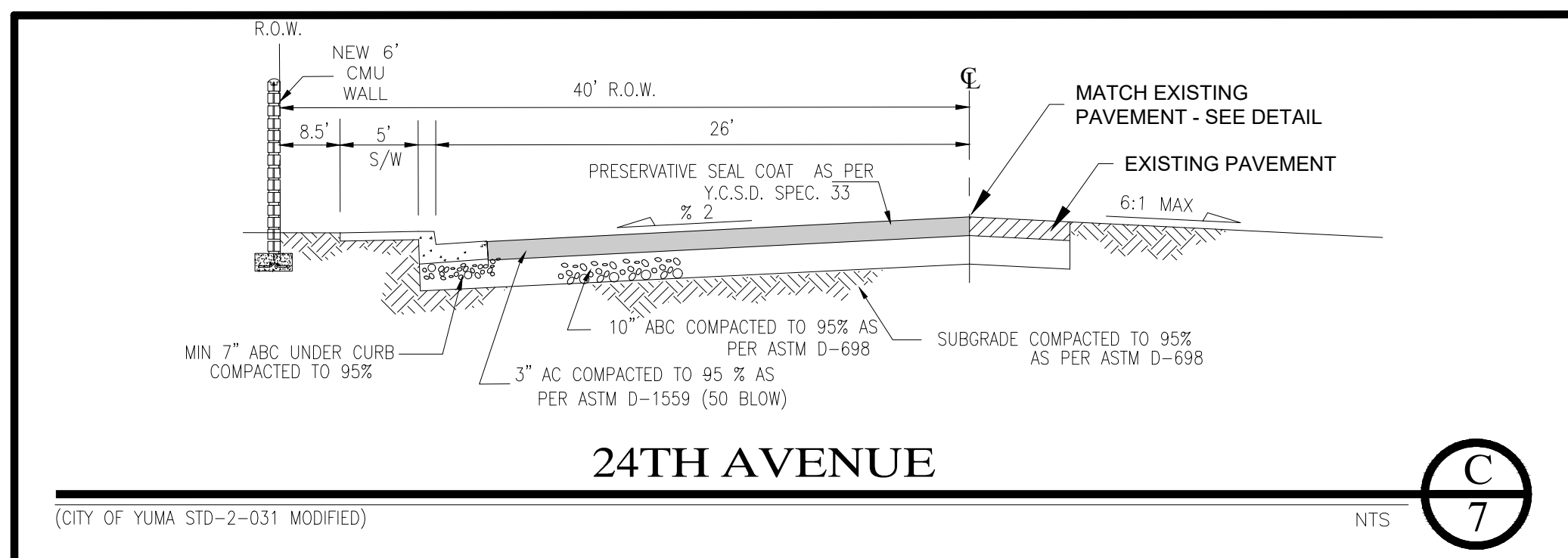
NTS **A**  
7



**SAN LUIS LANE**

(CITY OF YUMA STD-2-031 MODIFIED)

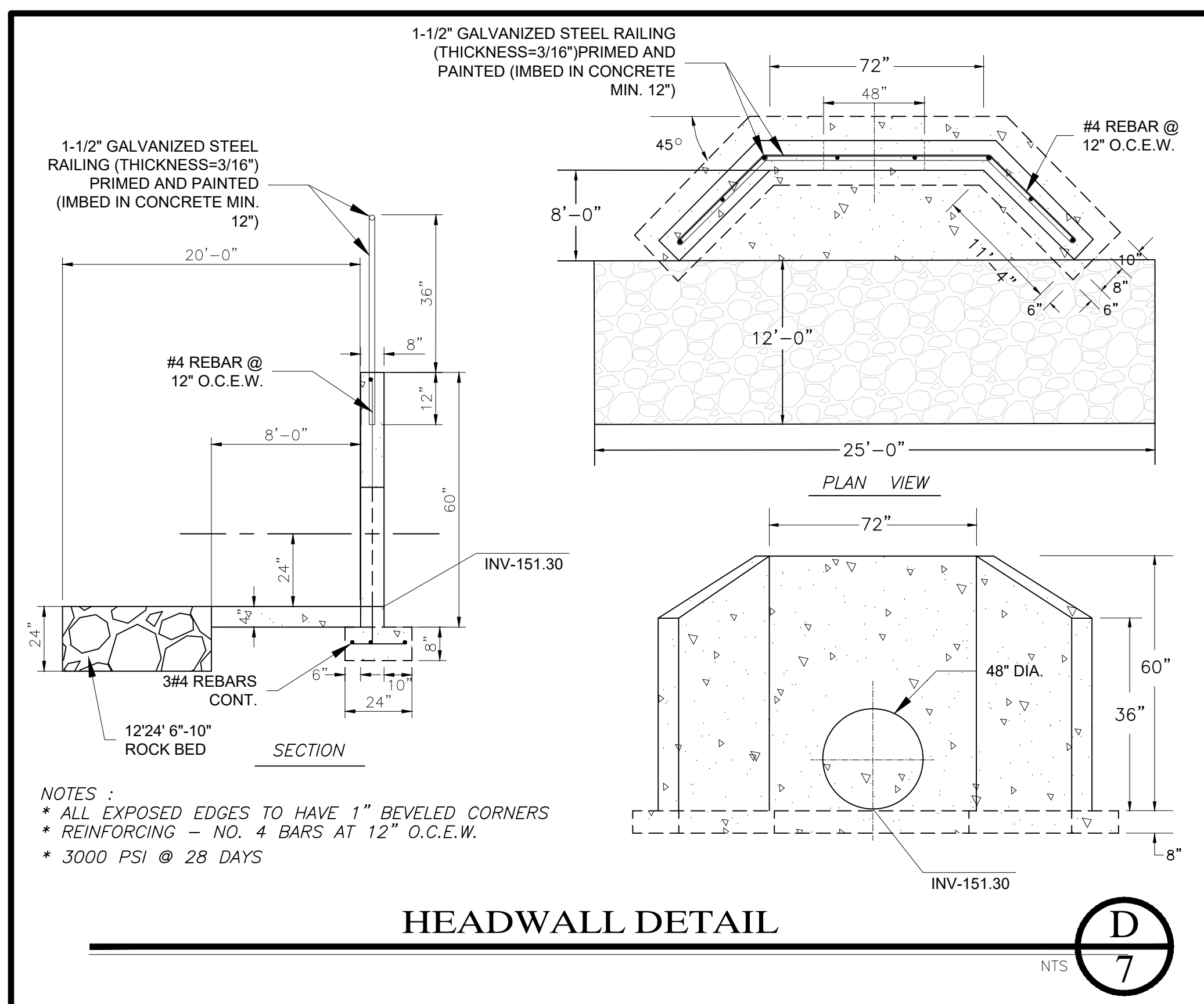
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**24TH AVENUE**

(CITY OF YUMA STD-2-031 MODIFIED)

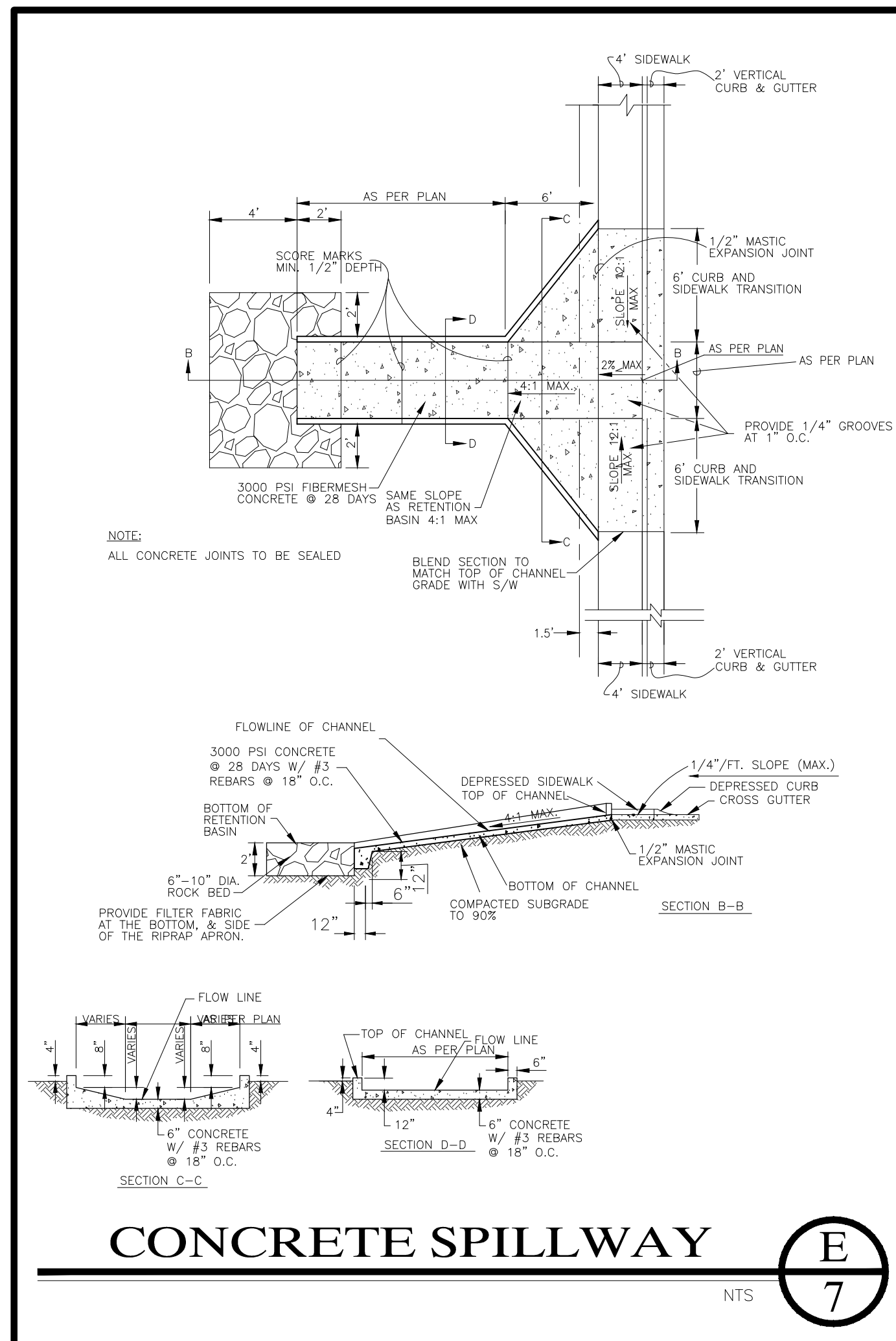
NTS **C**  
7



**HEADWALL DETAIL**

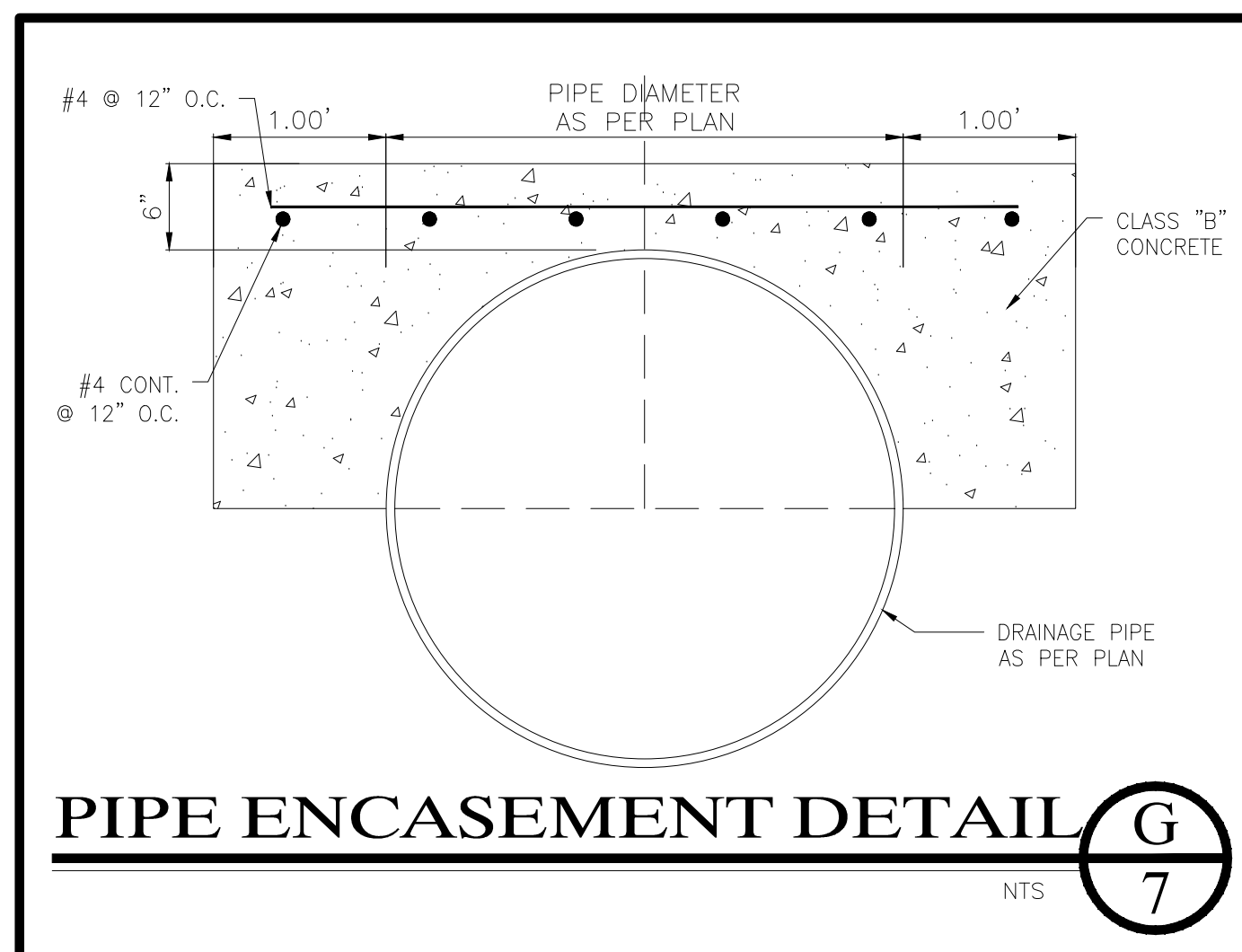
NOTES:  
 \* ALL EXPOSED EDGES TO HAVE 1" BEVELED CORNERS  
 \* REINFORCING - NO. 4 BARS AT 12" O.C.E.W.  
 \* 3000 PSI @ 28 DAYS

NTS **D**  
7



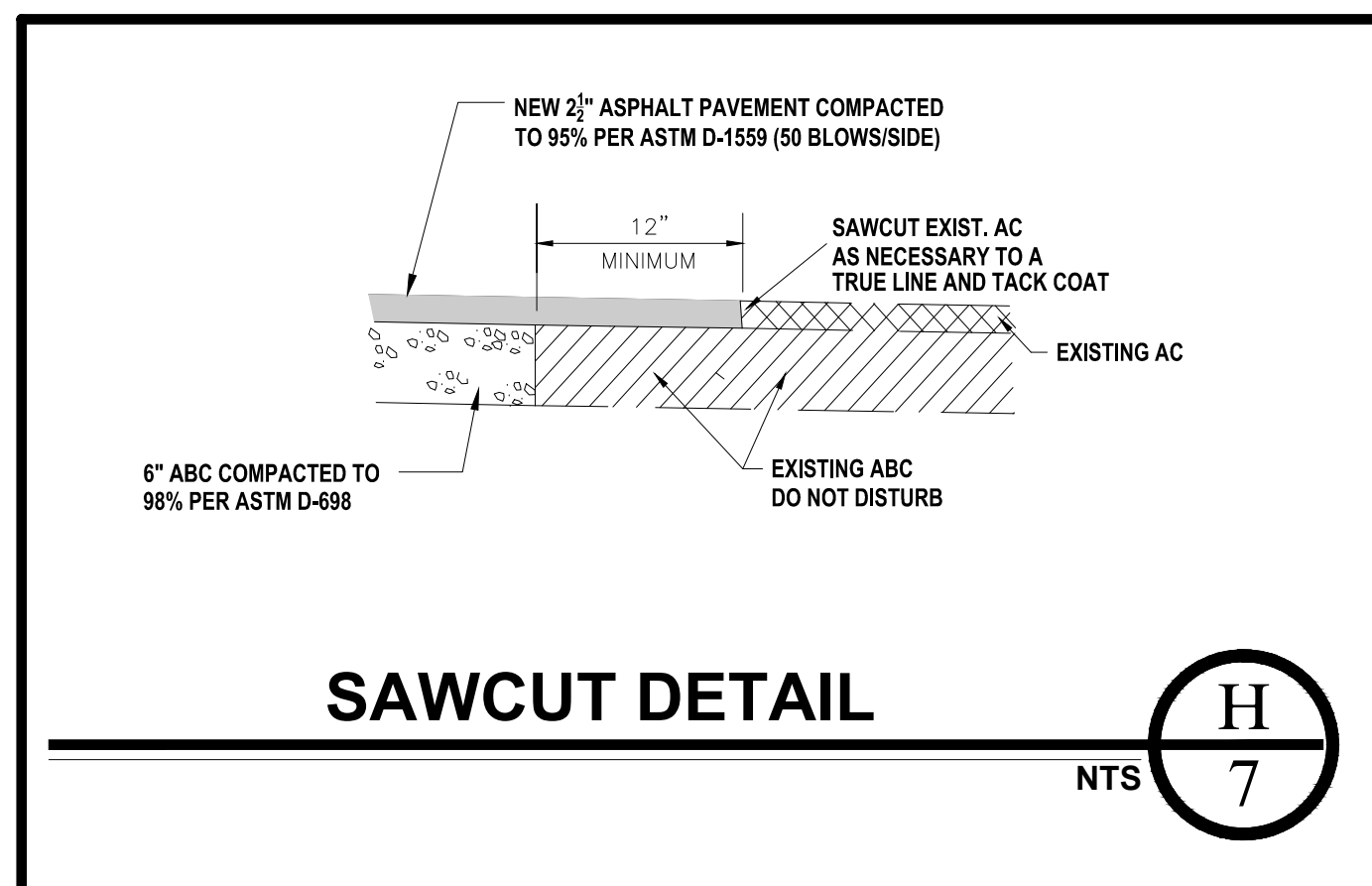
**CONCRETE SPILLWAY**

NTS **E**  
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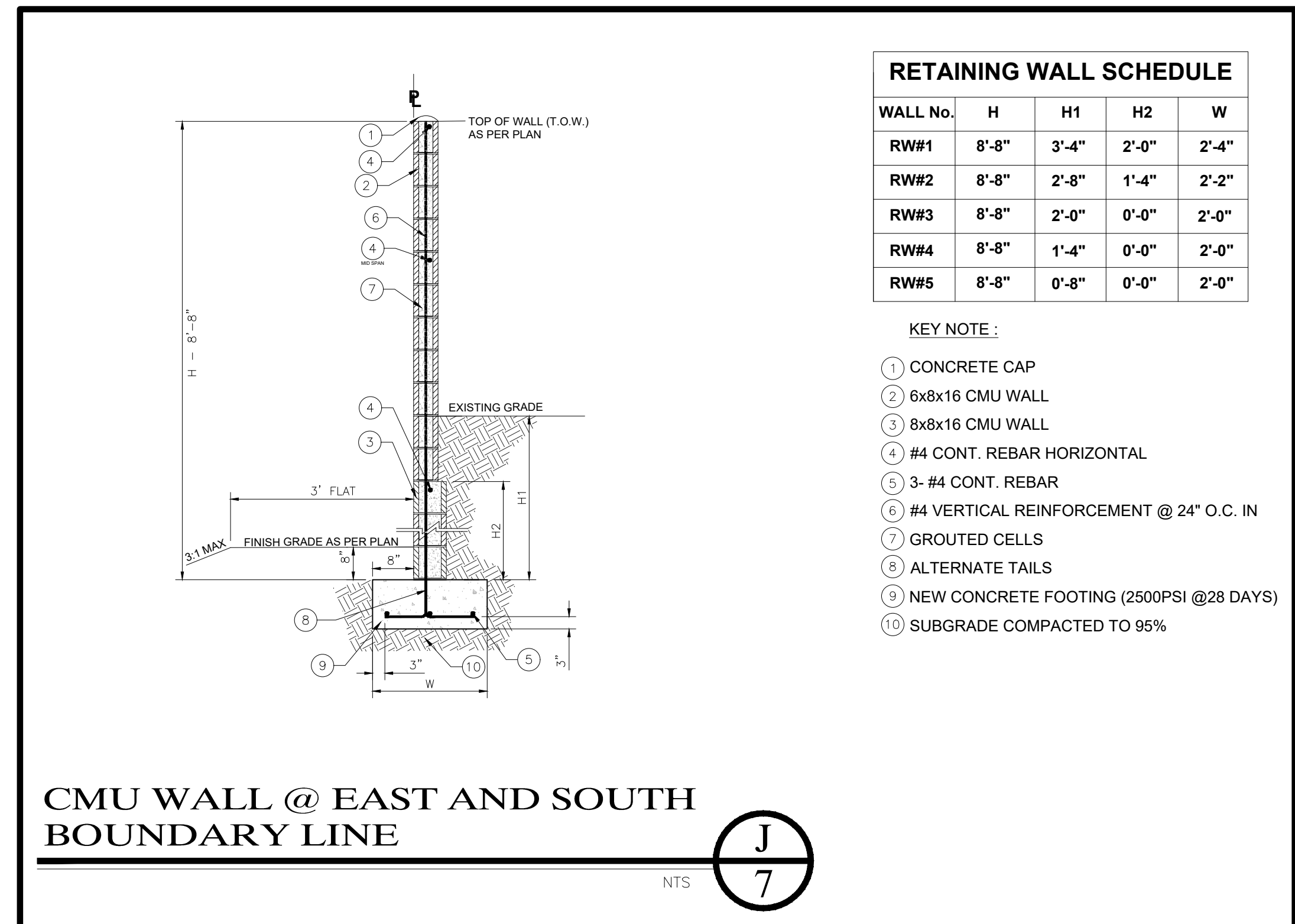
**PIPE ENCASEMENT DETAIL**

NTS **G**  
7



**SAWCUT DETAIL**

NTS **H**  
7



**CMU WALL @ EAST AND SOUTH BOUNDARY LINE**

NTS **J**  
7

**RETAINING WALL SCHEDULE**

WALL No.	H	H1	H2	W
RW#1	8'-8"	3'-4"	2'-0"	2'-4"
RW#2	8'-8"	2'-8"	1'-4"	2'-2"
RW#3	8'-8"	2'-0"	0'-0"	2'-0"
RW#4	8'-8"	1'-4"	0'-0"	2'-0"
RW#5	8'-8"	0'-8"	0'-0"	2'-0"

**KEY NOTE:**

- 1 CONCRETE CAP
- 2 6x8x16 CMU WALL
- 3 8x8x16 CMU WALL
- 4 #4 CONT. REBAR HORIZONTAL
- 5 3-#4 CONT. REBAR
- 6 #4 VERTICAL REINFORCEMENT @ 24" O.C. IN GROUTED CELLS
- 7 GROUTED CELLS
- 8 ALTERNATE TAILS
- 9 NEW CONCRETE FOOTING (2500PSI @28 DAYS)
- 10 SUBGRADE COMPACTED TO 95%

REVISIONS


**PAVING AND GRADING DETAILS**

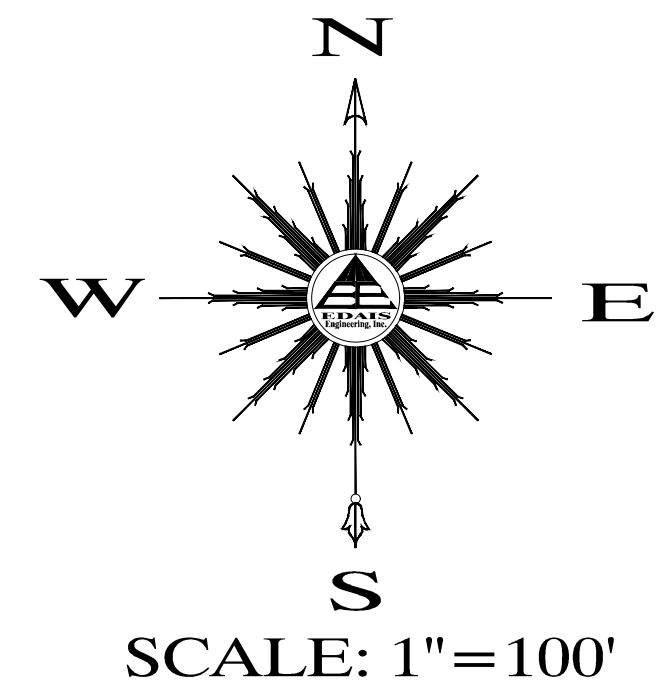
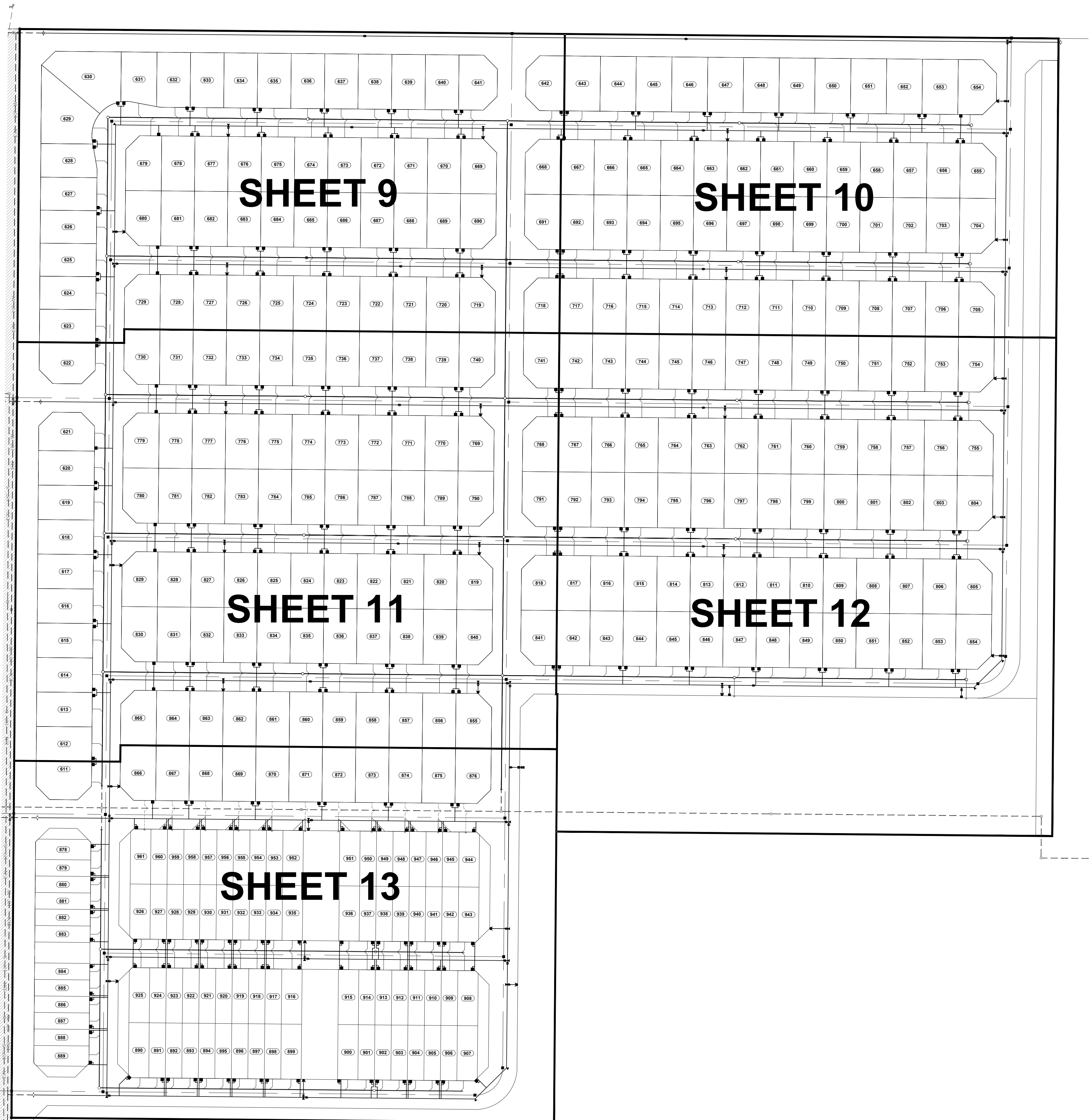
**LOS MEZQUITES UNIT 4 AND LOS MEZQUITES TOWNHOMES 2 SUBDIVISIONS**

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 Yuma, Arizona 85305  
 (928) 344-3500  
 www.edaisengineering.com

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**7**



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**WATER AND  
SEWER PLAN  
KEY MAP**

**LOS MEZQUITES UNIT 4  
AND  
LOS MEZQUITEZ  
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SUBDIVISIONS**

**EDAIS**  
Engineering, Inc.  
1000 S. Arizona Ave. Suite 100  
Tucson, AZ 85706  
(520) 344-3500  
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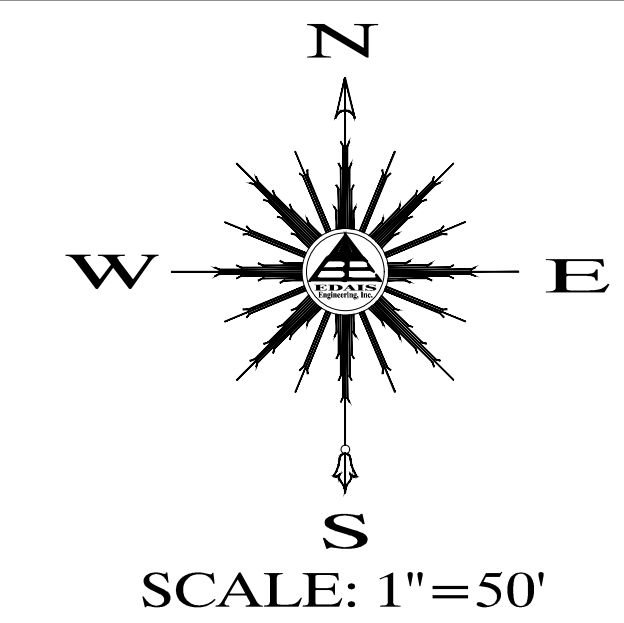
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**WATER AND SEWER PLAN**

**LOS MEZQUITES UNIT 4 AND LOS MEZQUITEZ TOWNHOMES 2 SUBDIVISIONS**



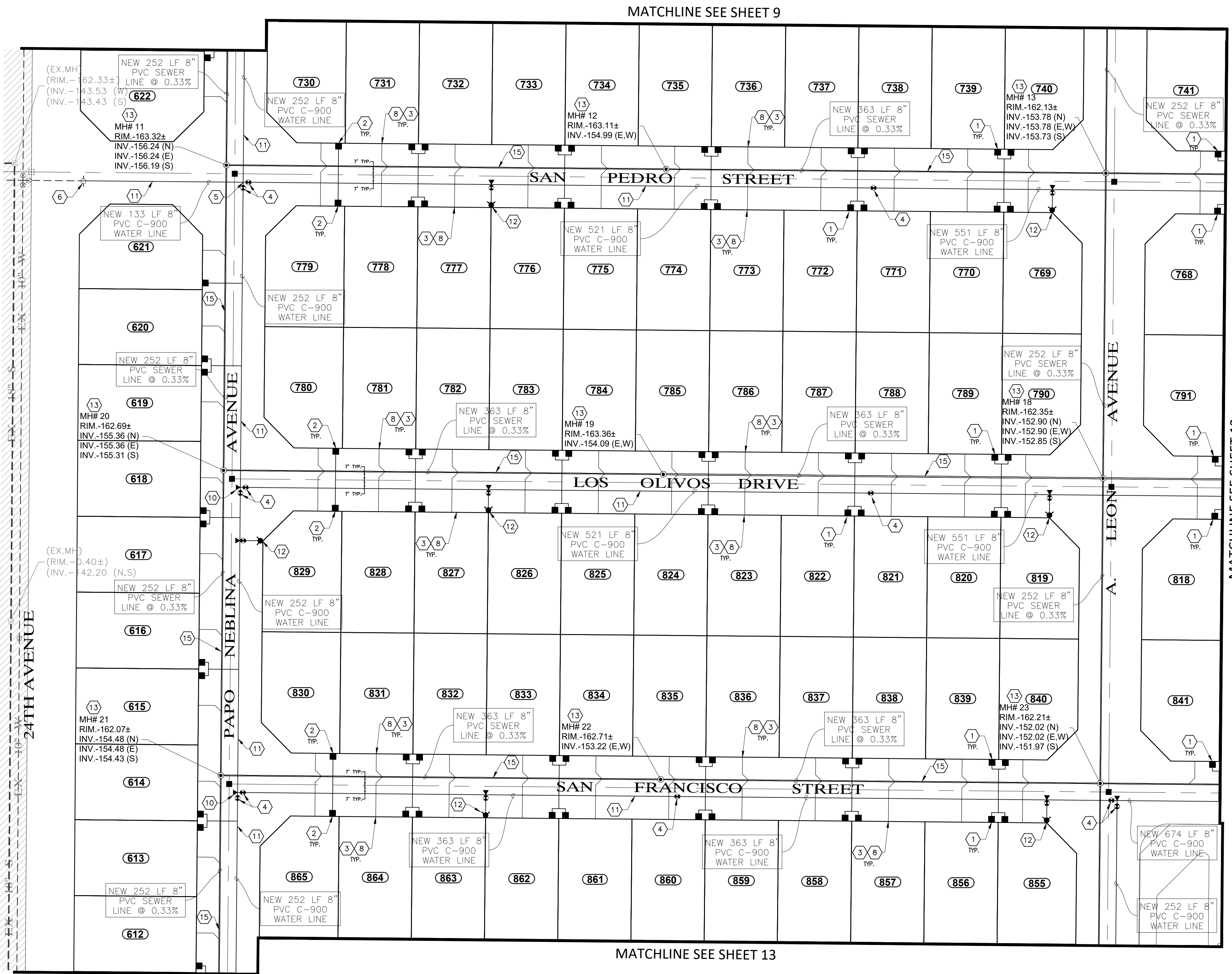
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**11**



**WATER / SEWER CONSTRUCTION KEYNOTES**

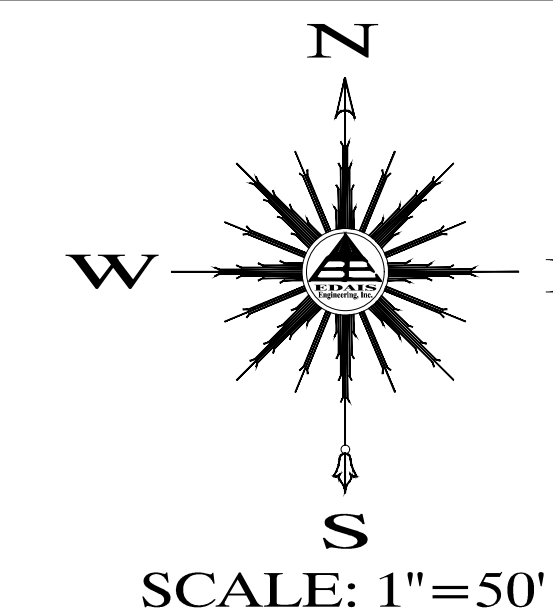
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**NOTES:**

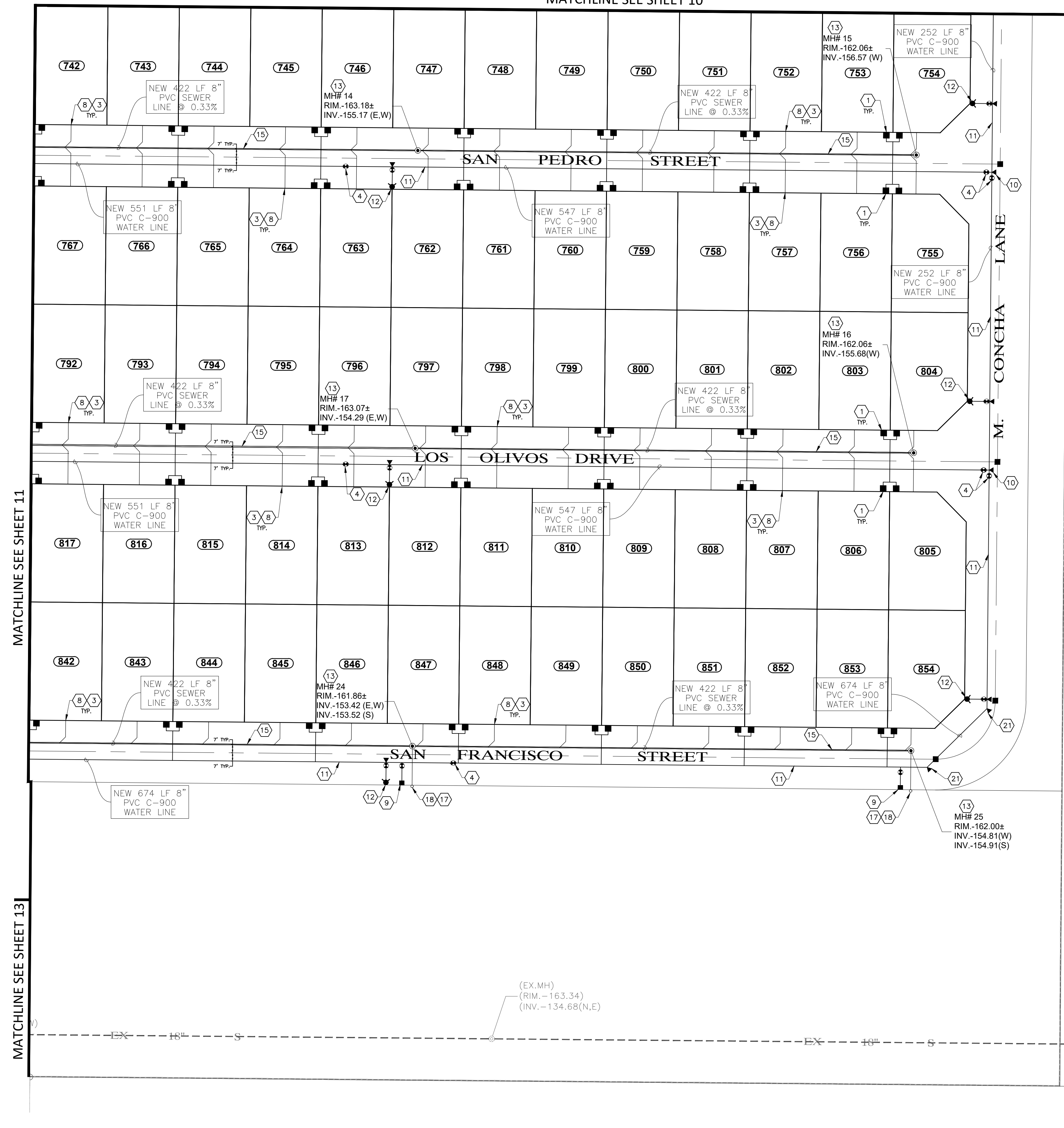
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MATCHLINE SEE SHEET 10



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MATCHLINE SEE SHEET 11

MATCHLINE SEE SHEET 13

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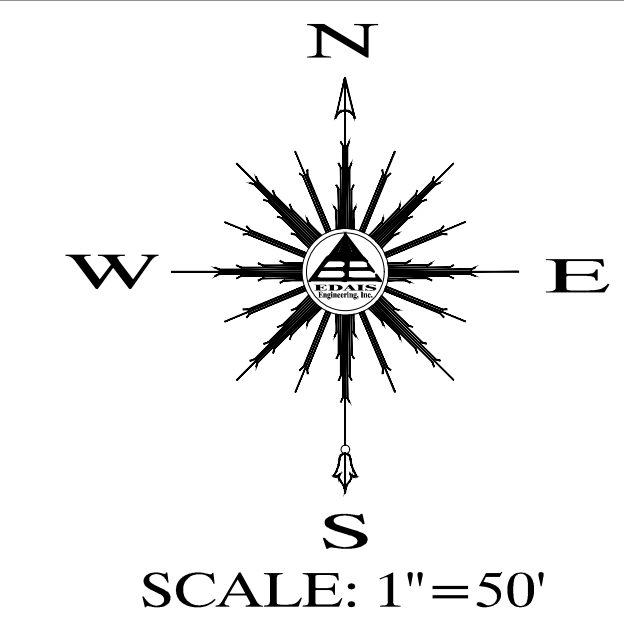
**WATER AND SEWER PLAN**  
**LOS MEZQUITES UNIT 4 AND LOS MEZQUITEZ TOWNHOMES 2 SUBDIVISIONS**



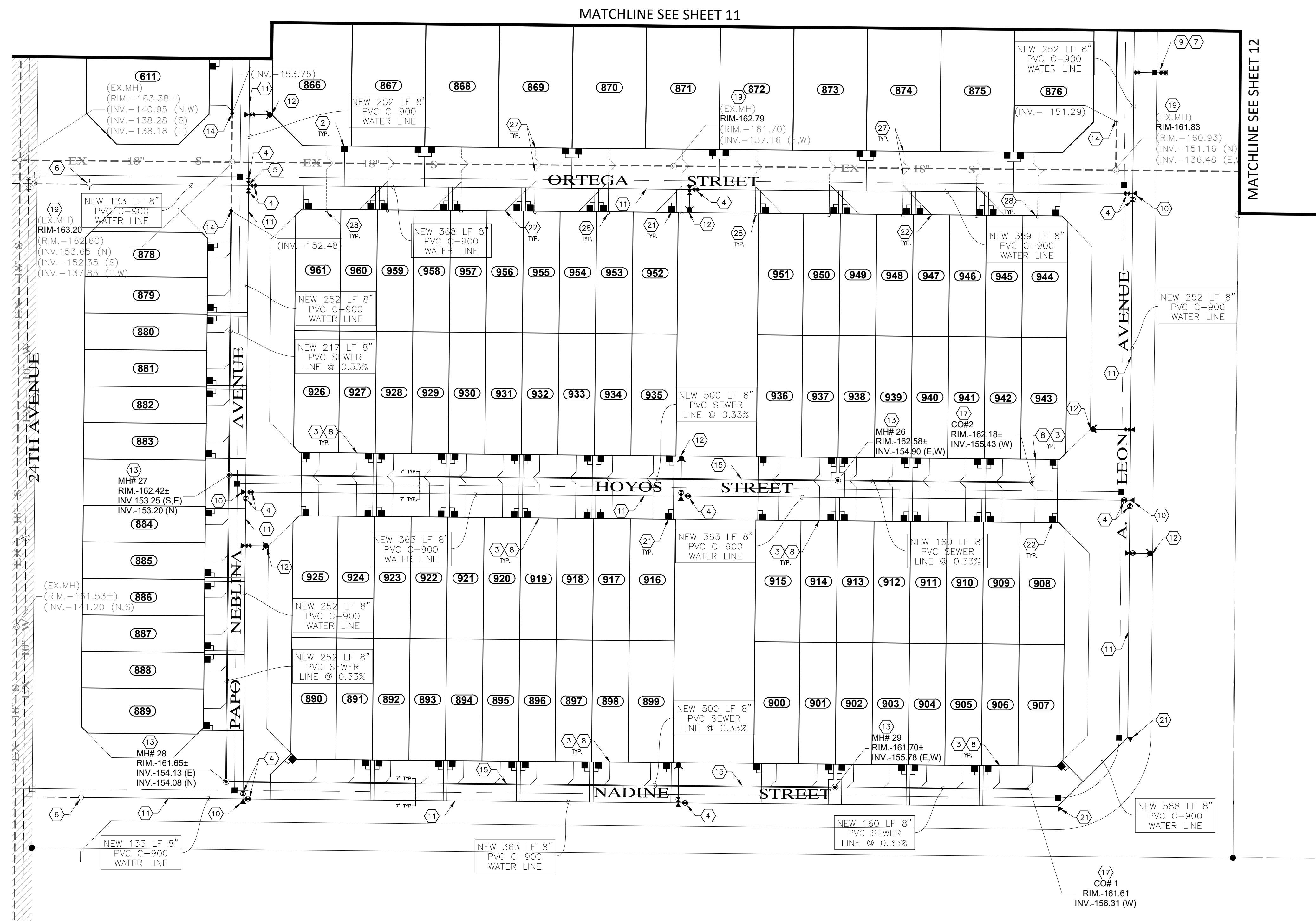
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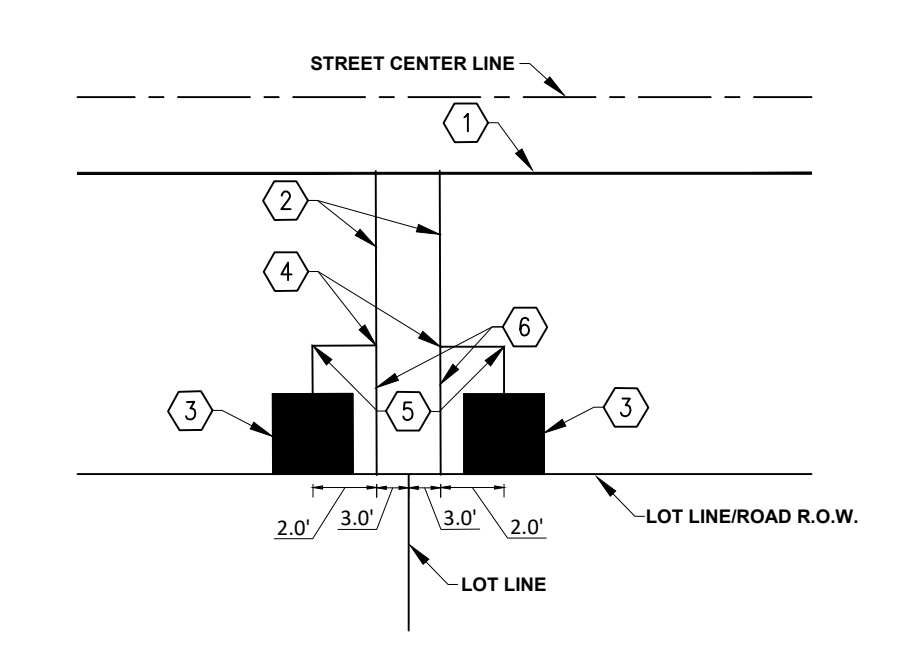
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### DOMESTIC WATER / FIRE LINE DETAIL



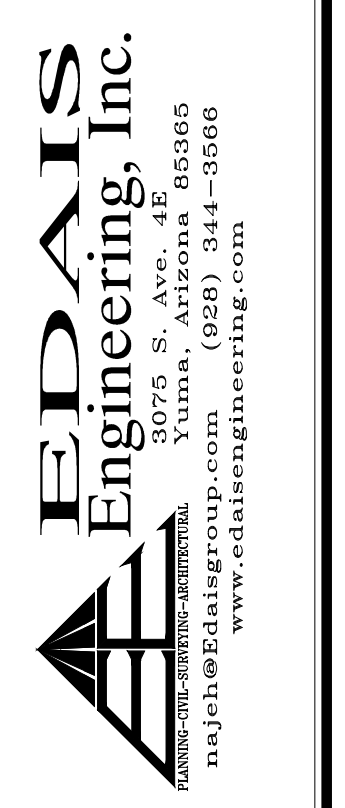
#### KEYNOTES

- 1 NEW 8" PVC C-900 WATER LINE
- 2 NEW 1" PVC SCH 40 WATER SERVICE LINE
- 3 NEW 5/8" WATER MEATER
- 4 NEW 1" TEE
- 5 NEW 1" ELBOW
- 6 NEW 1" FIRE SPRINKLER LINE

#### NOTES:

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LOS MEZQUITES UNIT 4  
 AND  
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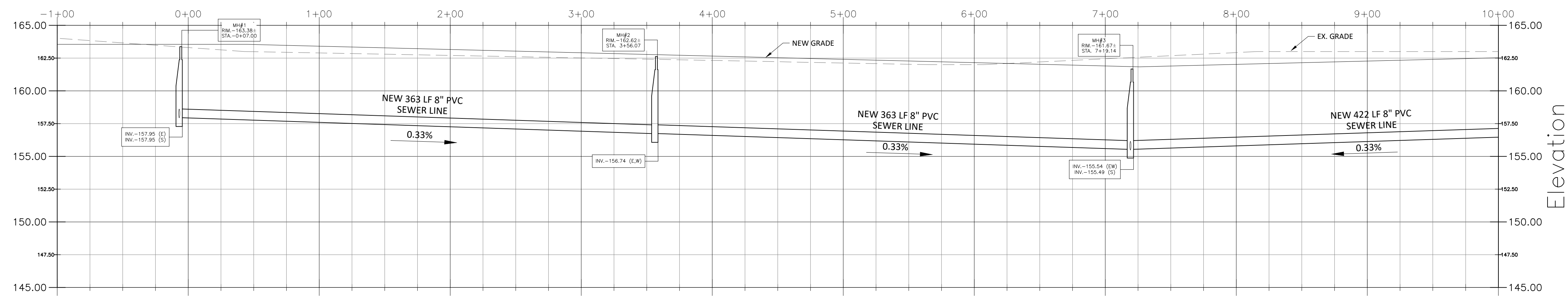
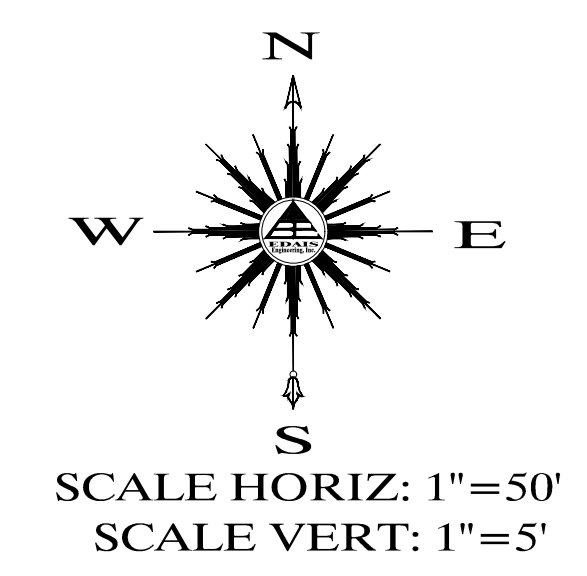
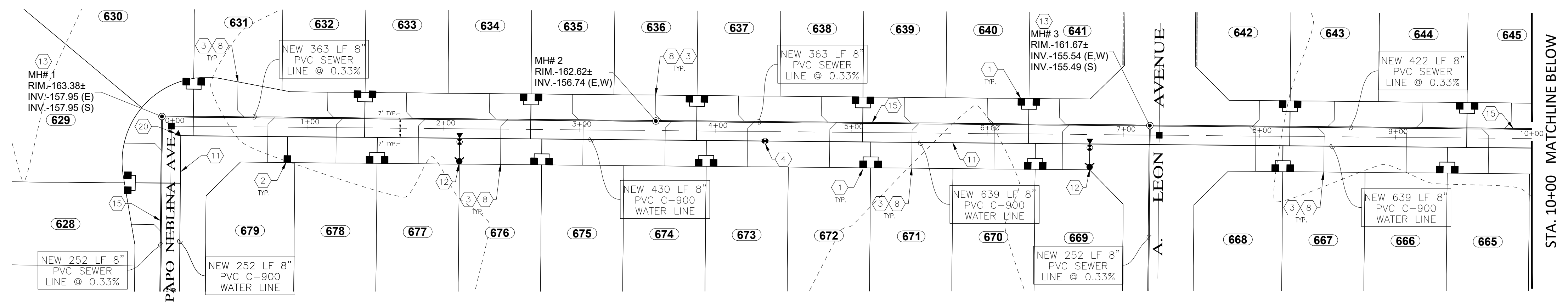


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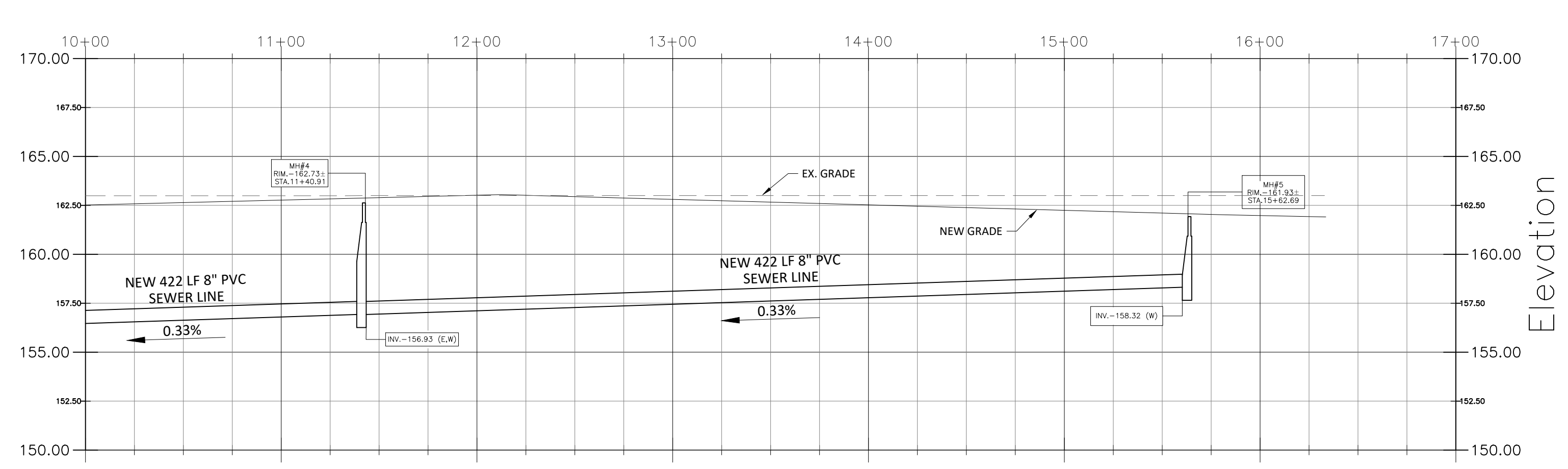
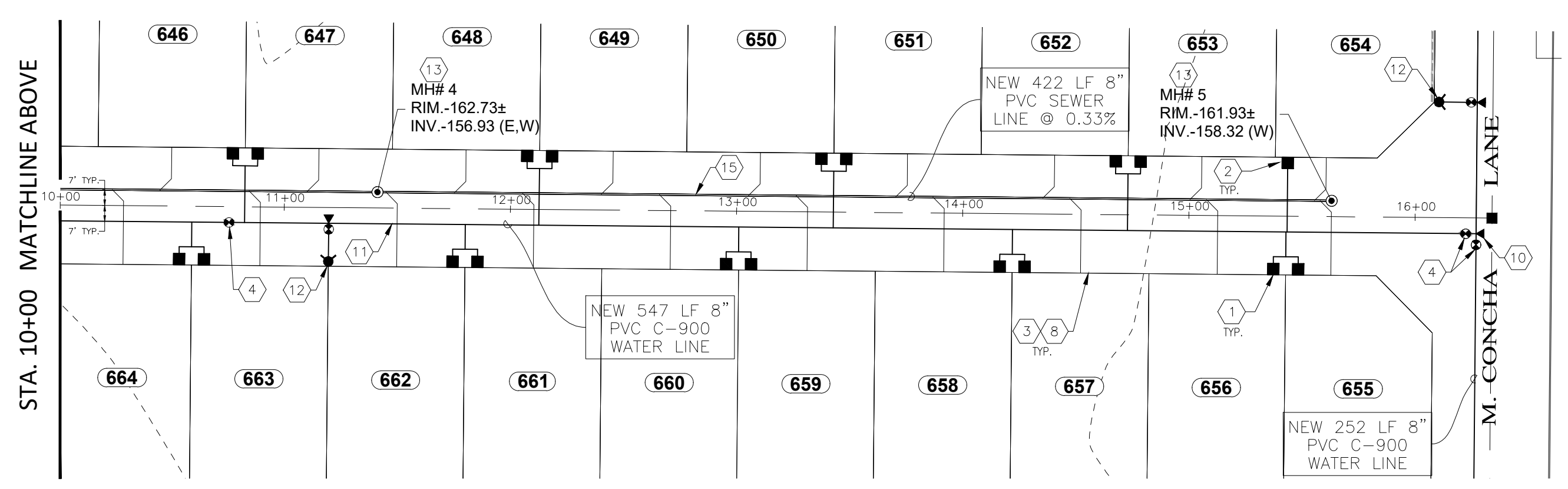
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UDALL LANE



UDALL LANE

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WATER & SEWER PROFILES

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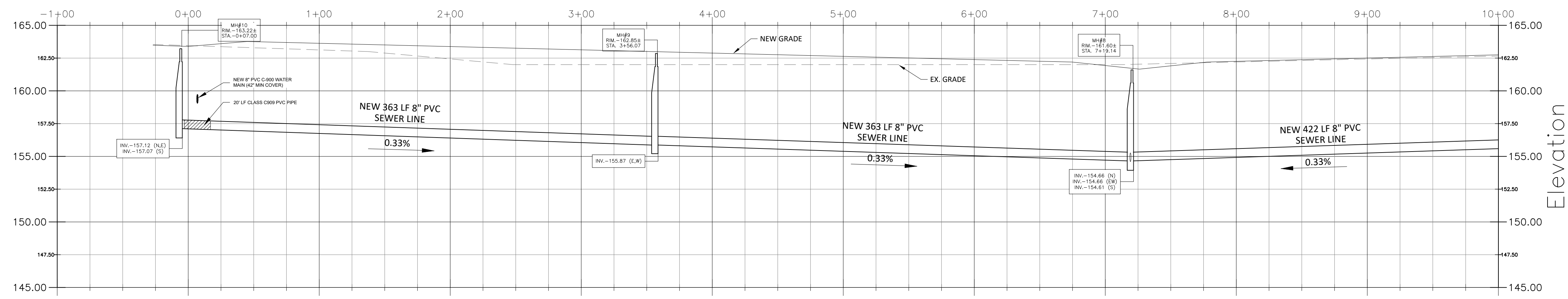
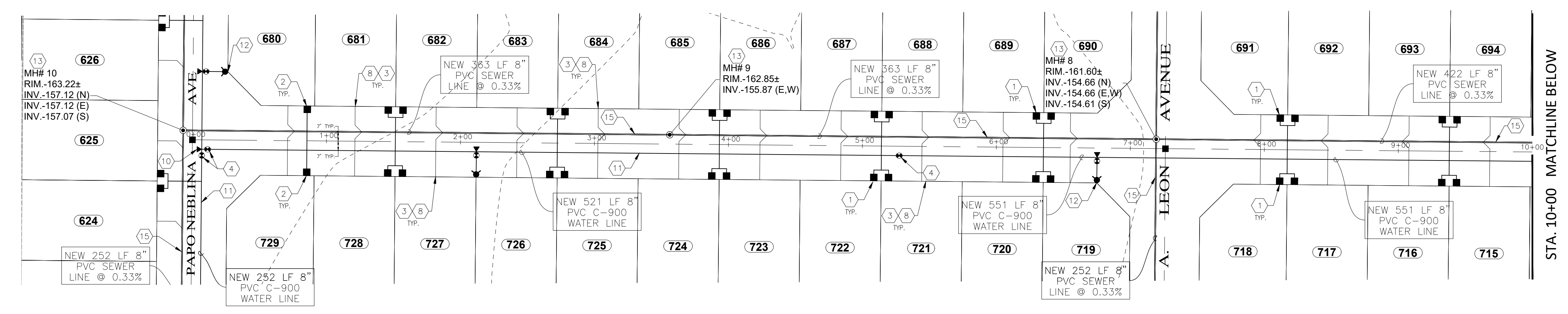
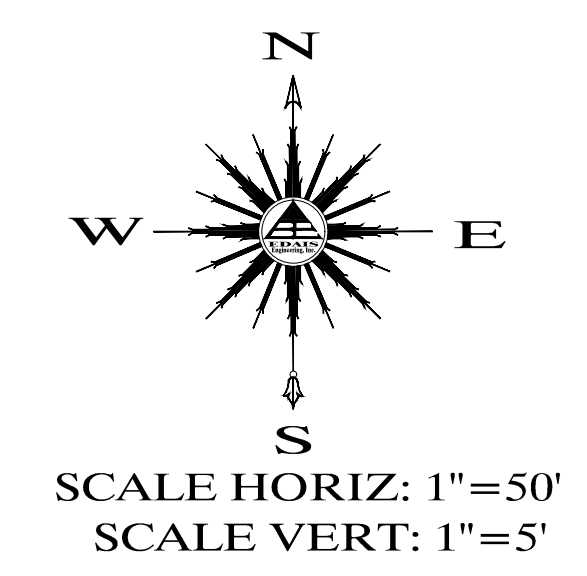
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Engineering, Inc.  
Yuma, Arizona 85305  
www.edaisengineering.com

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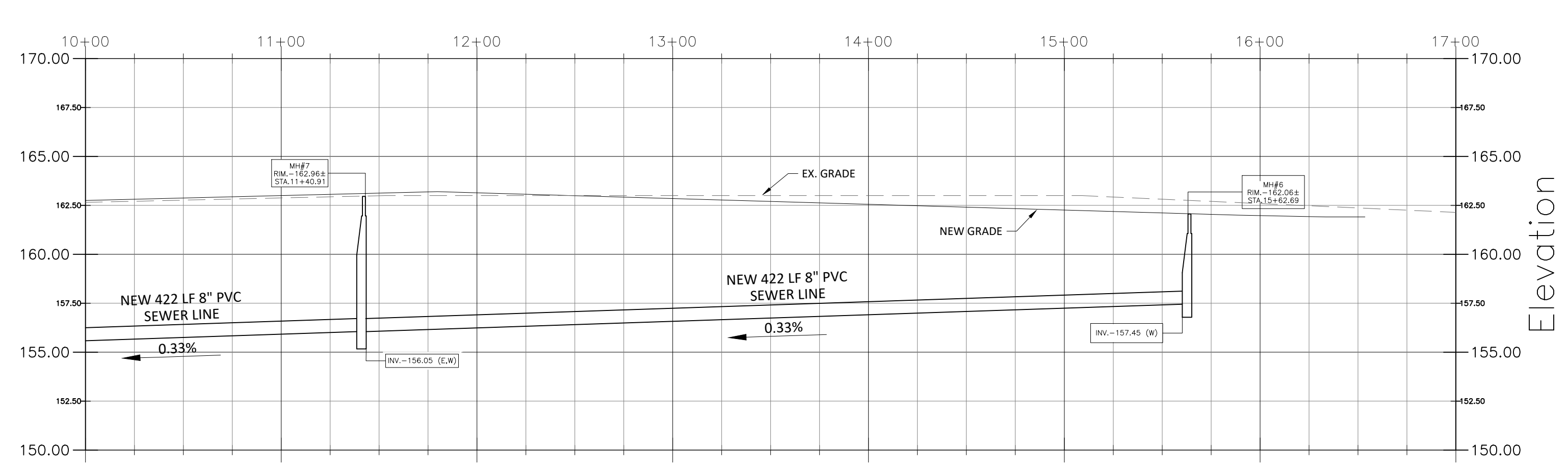
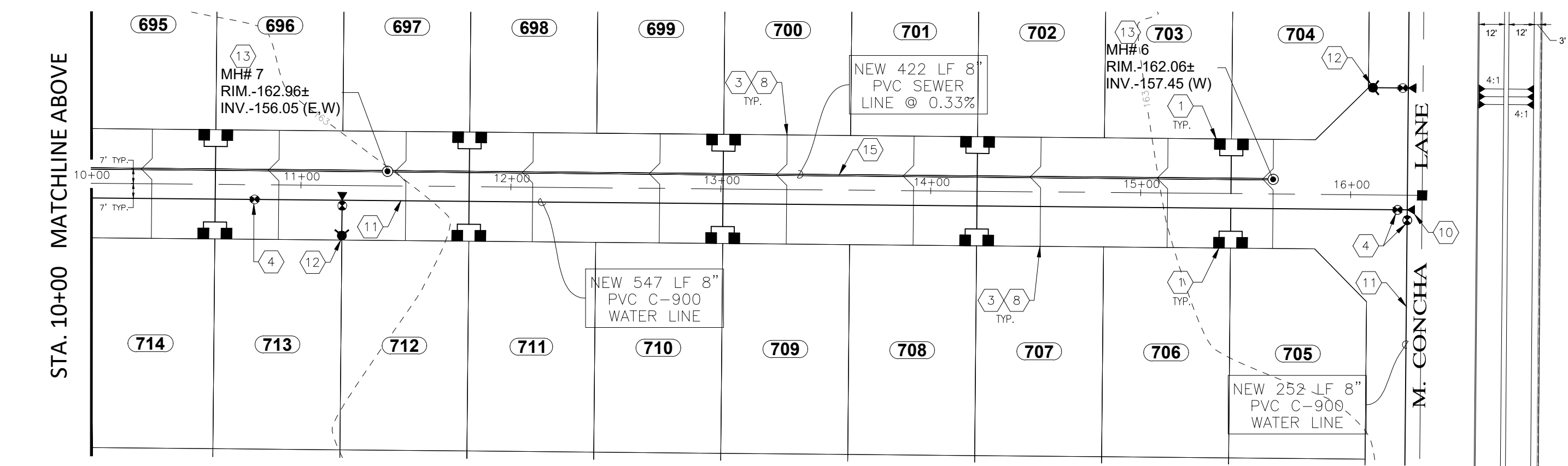
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**MONREAL LANE**



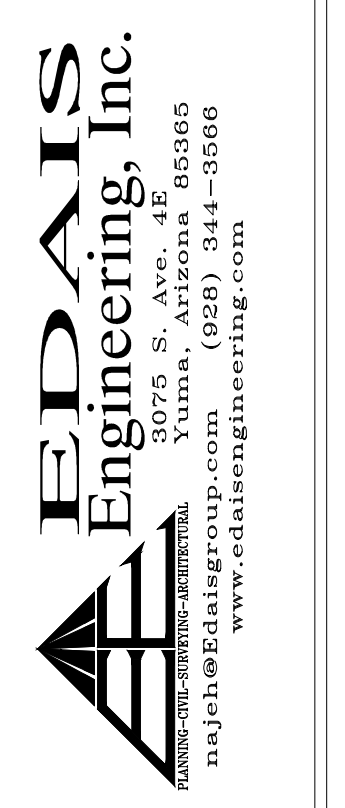
**MONREAL LANE**

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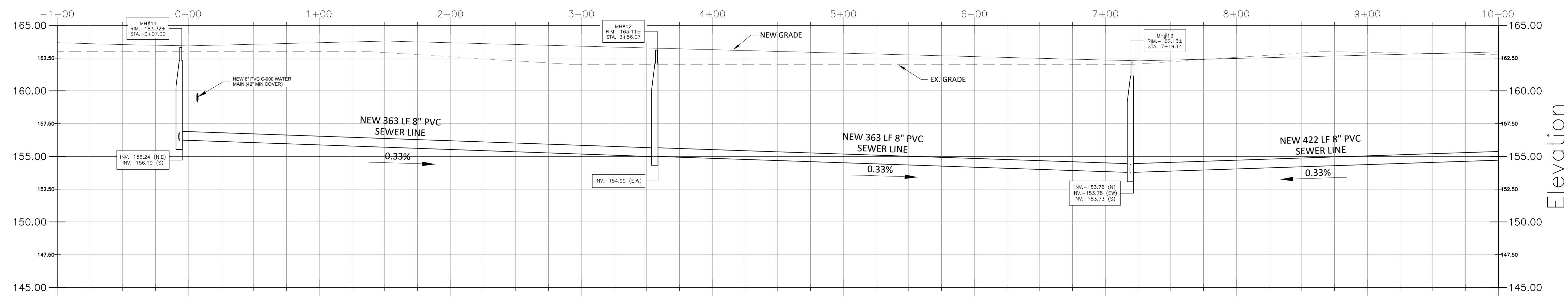
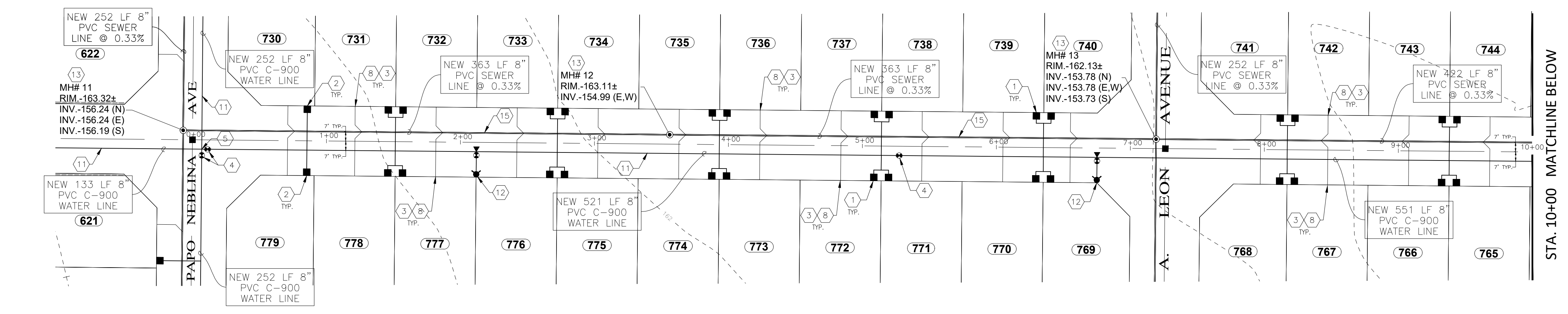
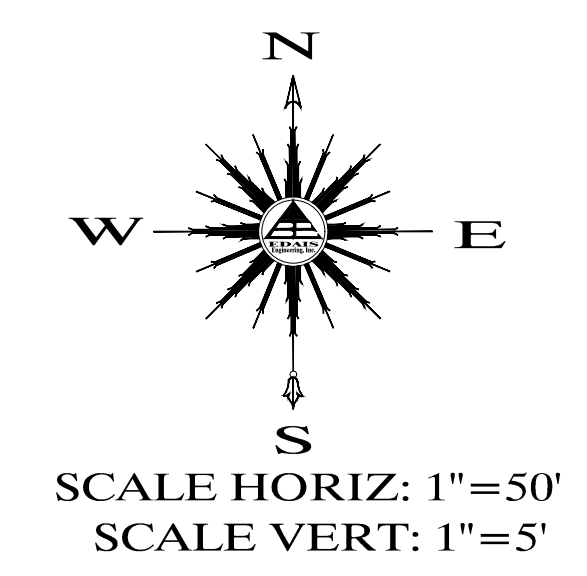


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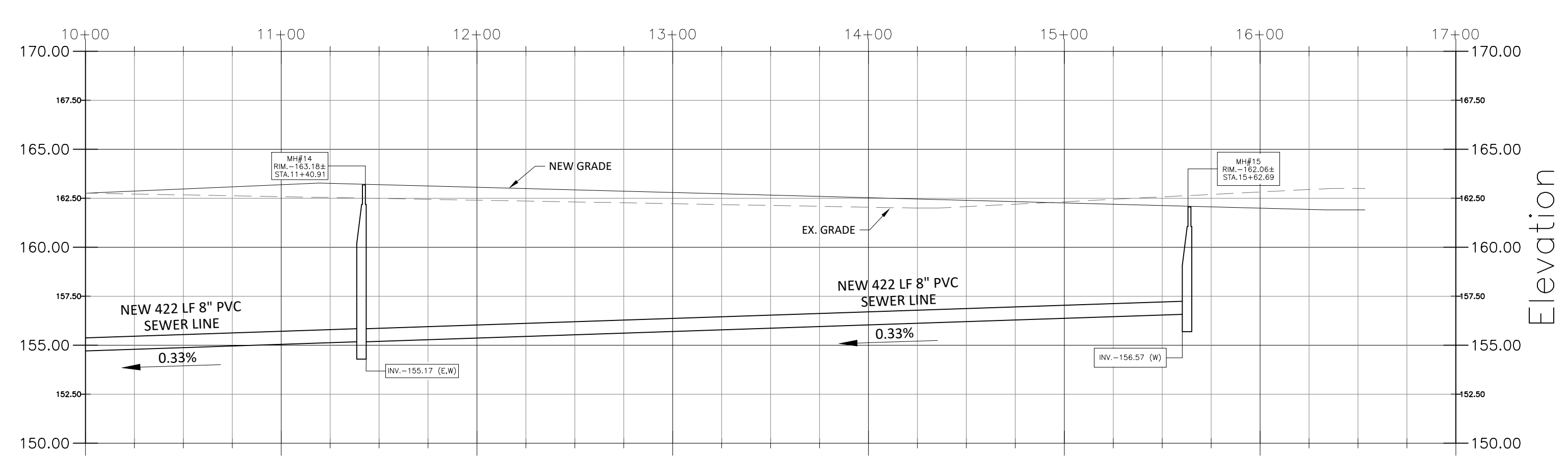
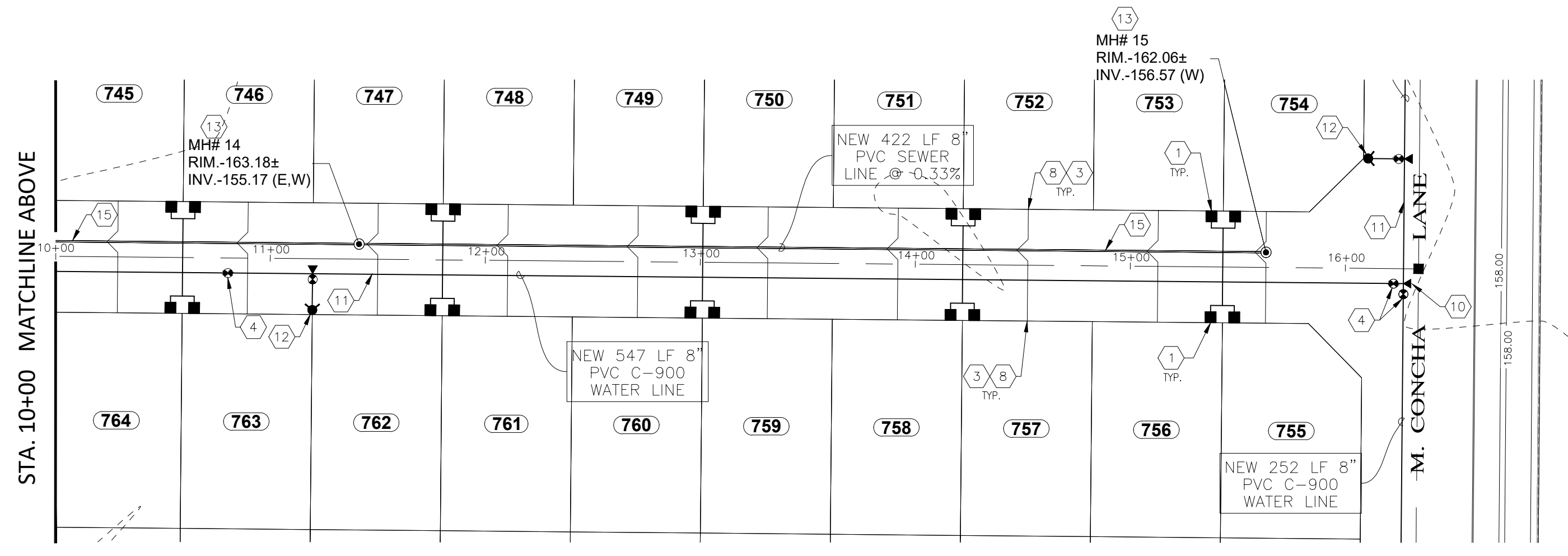
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REVISIONS	



**SAN PEDRO STREET**

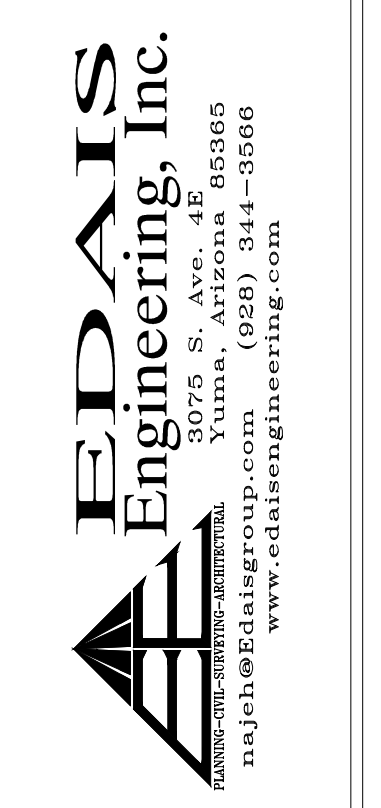


**SAN PEDRO STREET**

**NOTES:**

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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. 5-010
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**WATER & SEWER PROFILES**  
**LOS MEZQUITES UNIT 4 AND LOS MEZQUITEZ TOWNHOMES 2 SUBDIVISIONS**

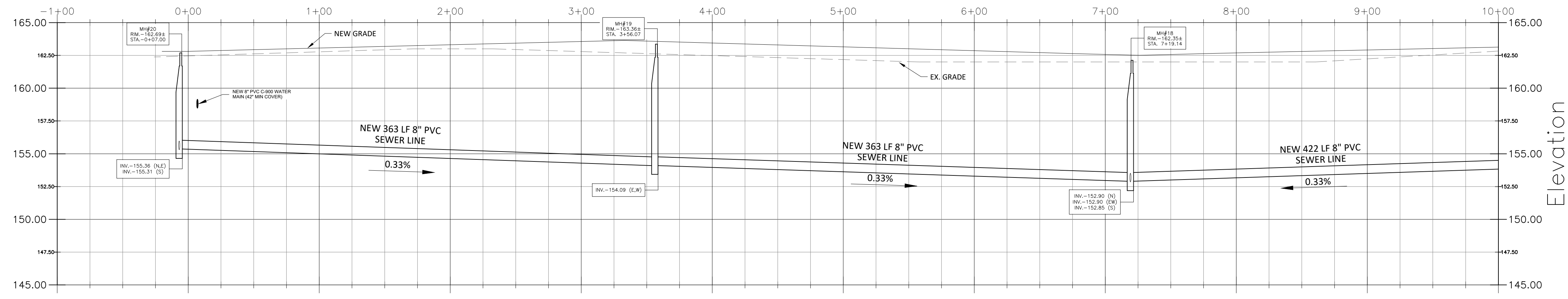
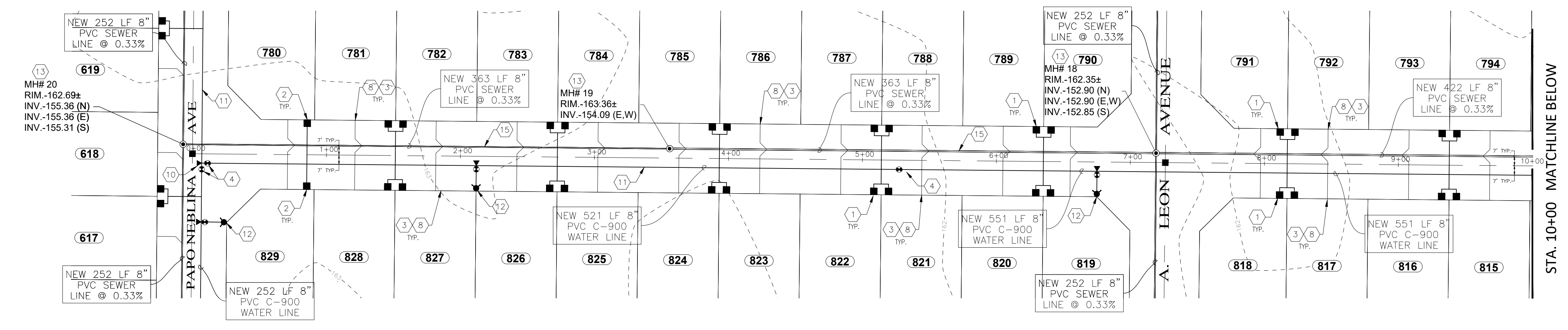
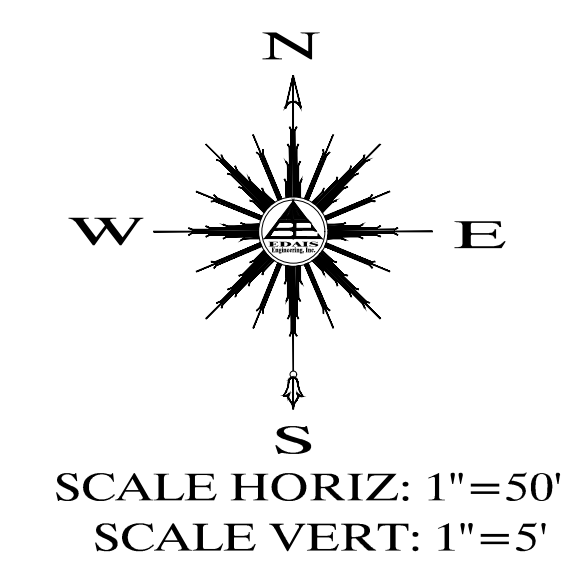


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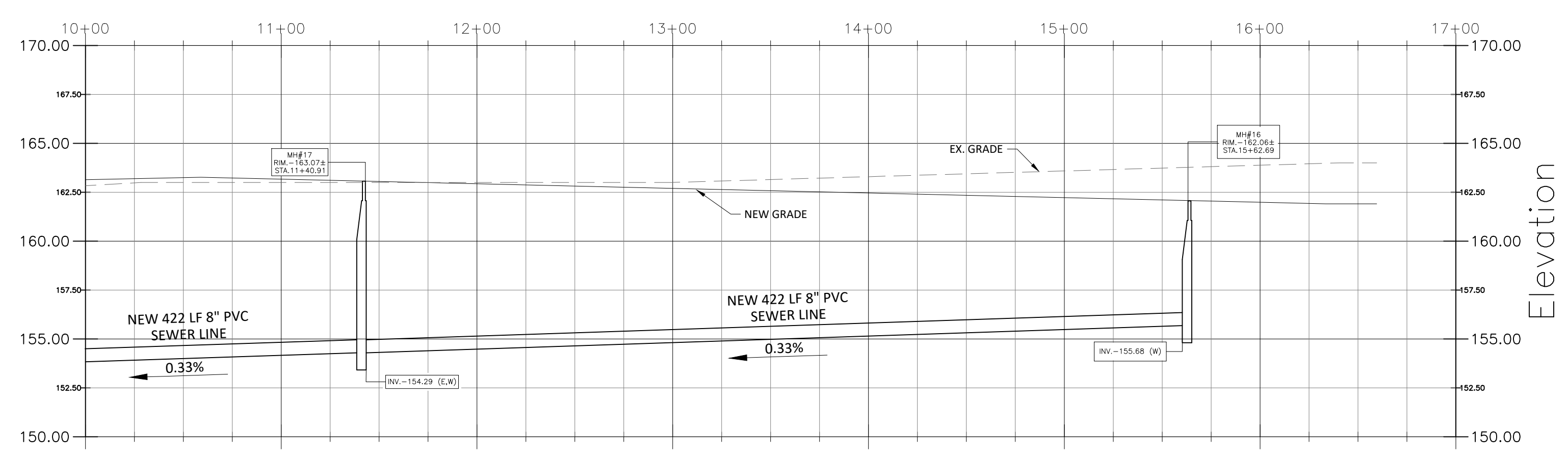
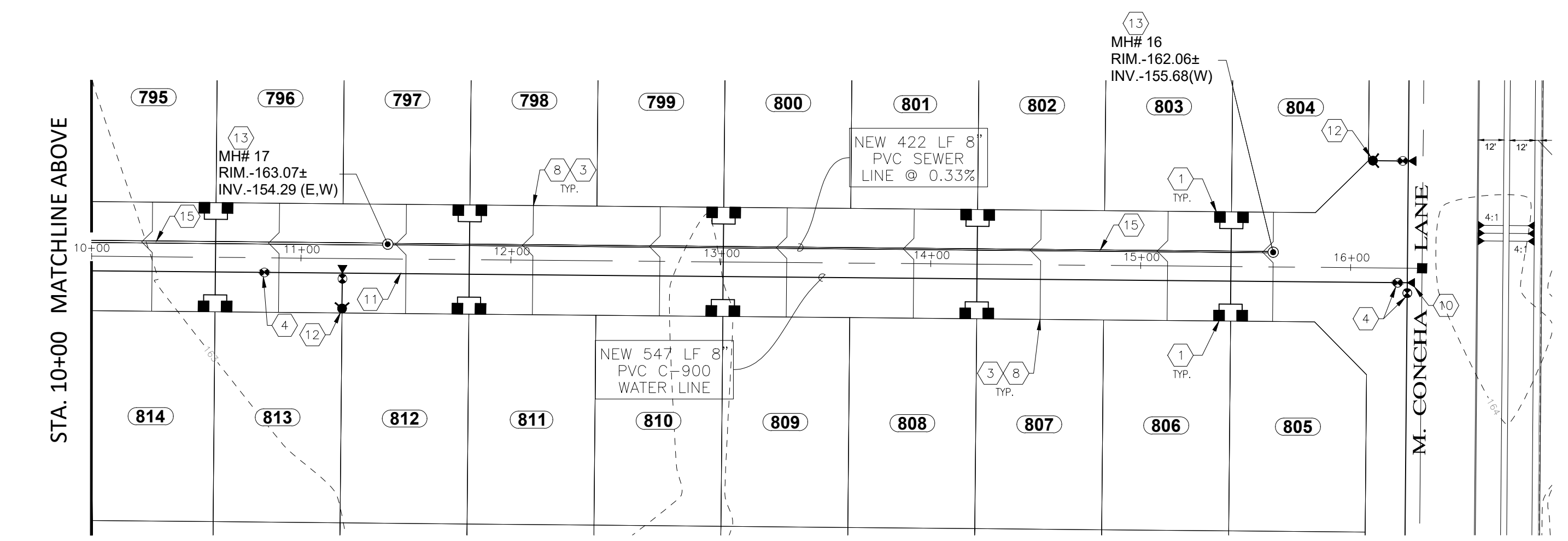
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**16**

REVISIONS	



**LOS OLIVOS DRIVE**



**LOS OLIVOS DRIVE**

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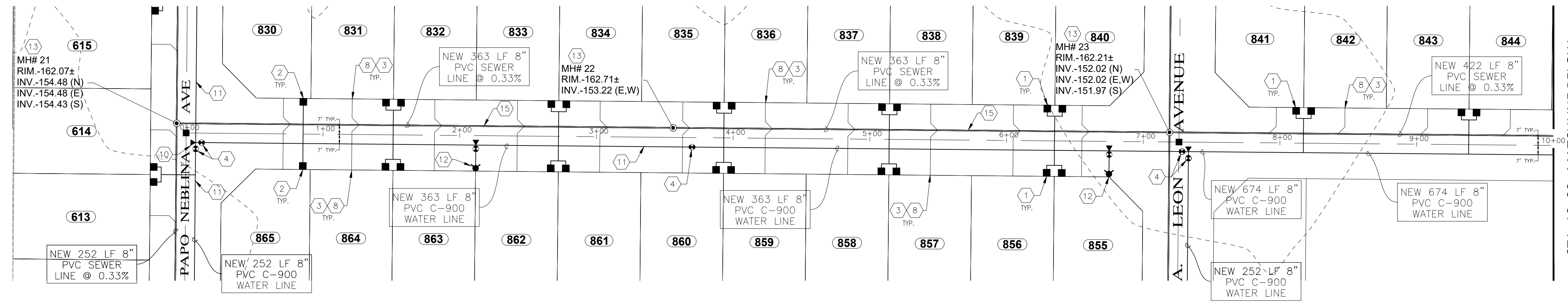
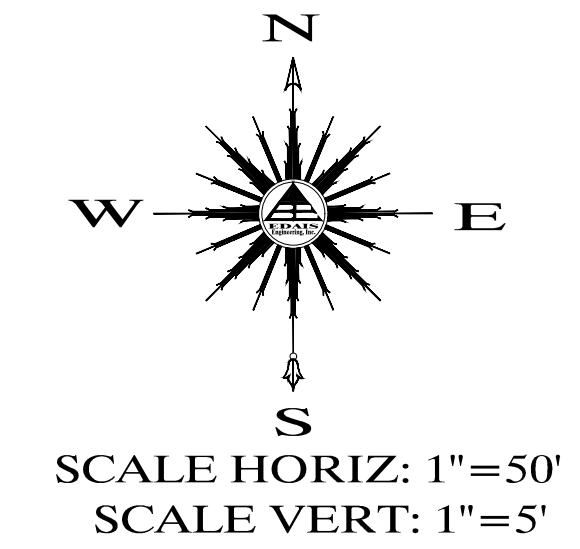
**WATER & SEWER PROFILES**  
**LOS MEZQUITES UNIT 4 AND LOS MEZQUITEZ TOWNHOMES 2 SUBDIVISIONS**

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Yuma, Arizona 85305  
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 (928) 344-3500  
 www.edaisengineering.com

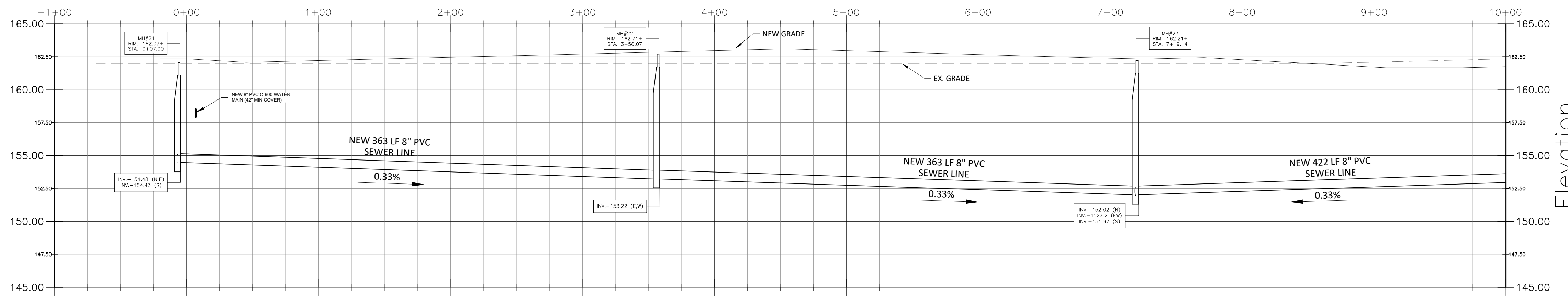
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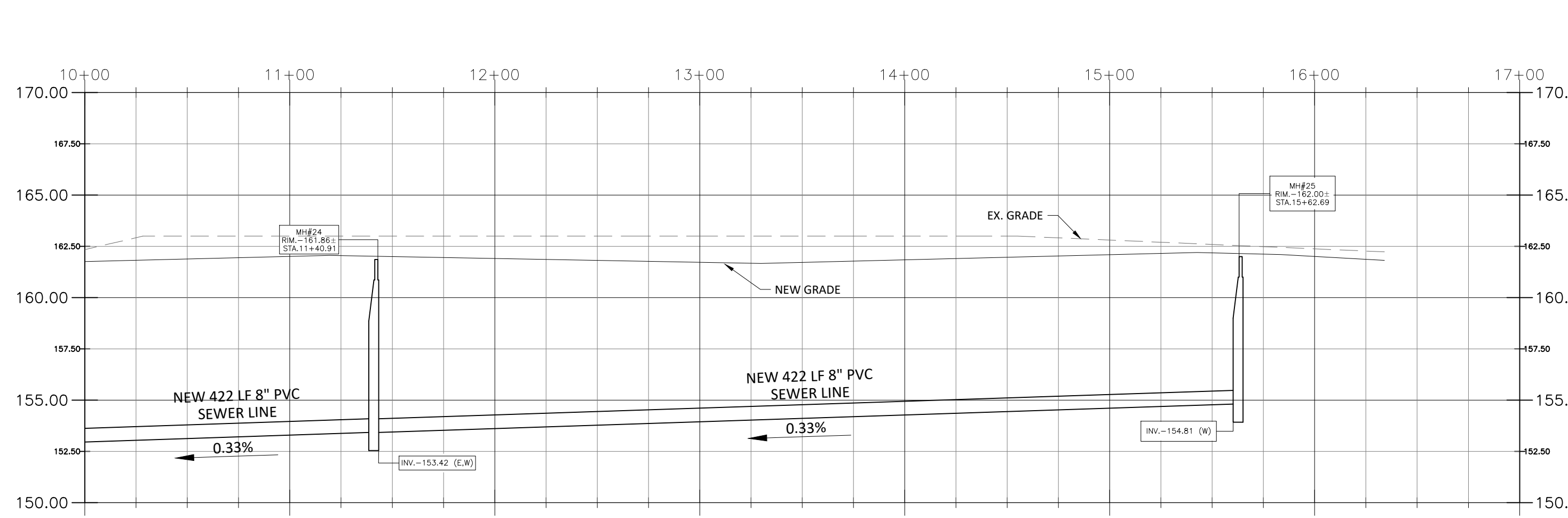
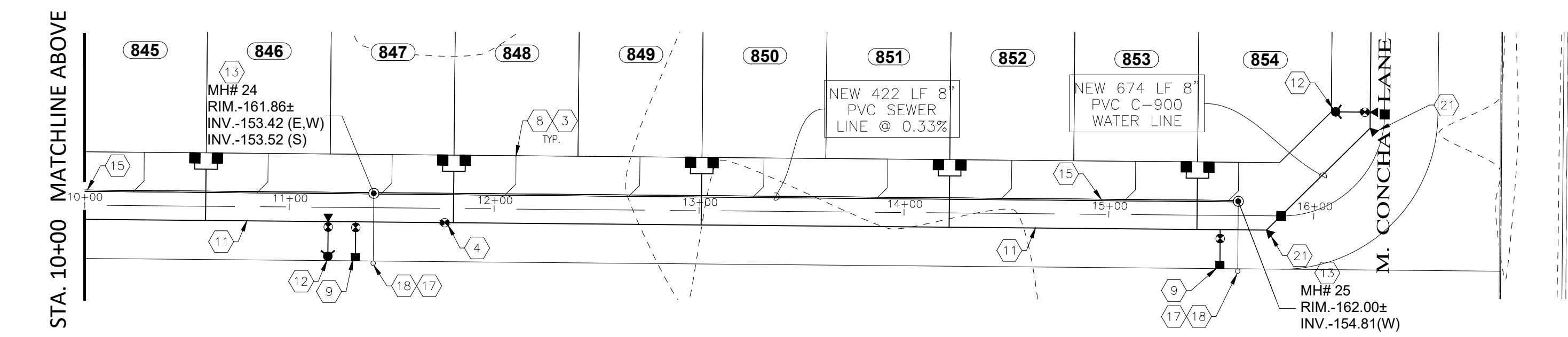
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**17**

STA. 10+00 MATCHLINE BELOW



SAN FRANCISCO STREET



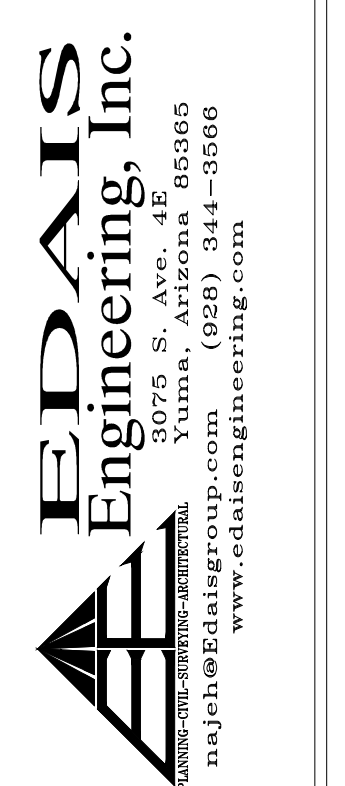
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WATER & SEWER PROFILES

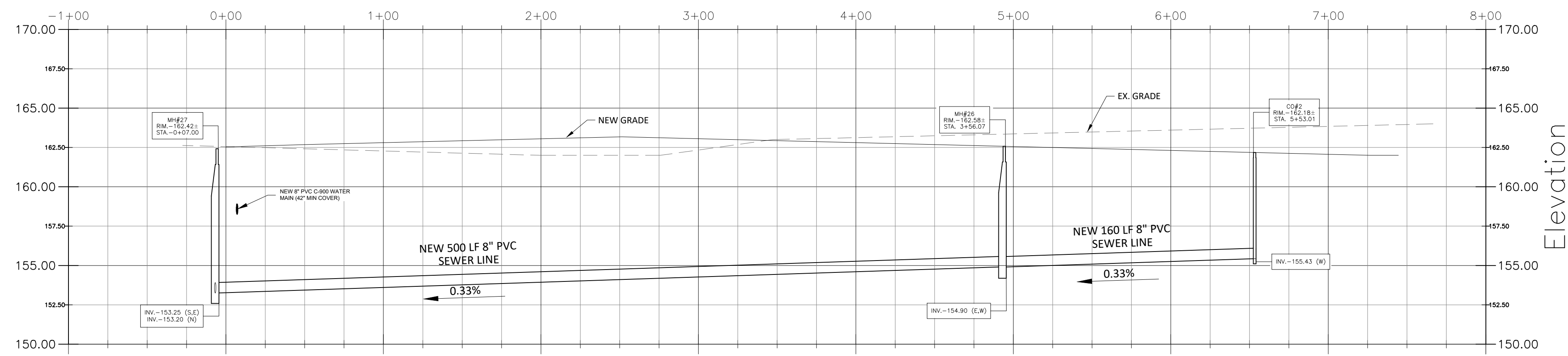
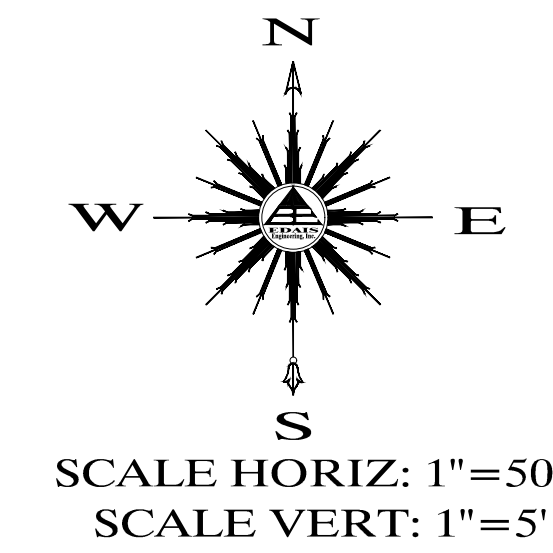
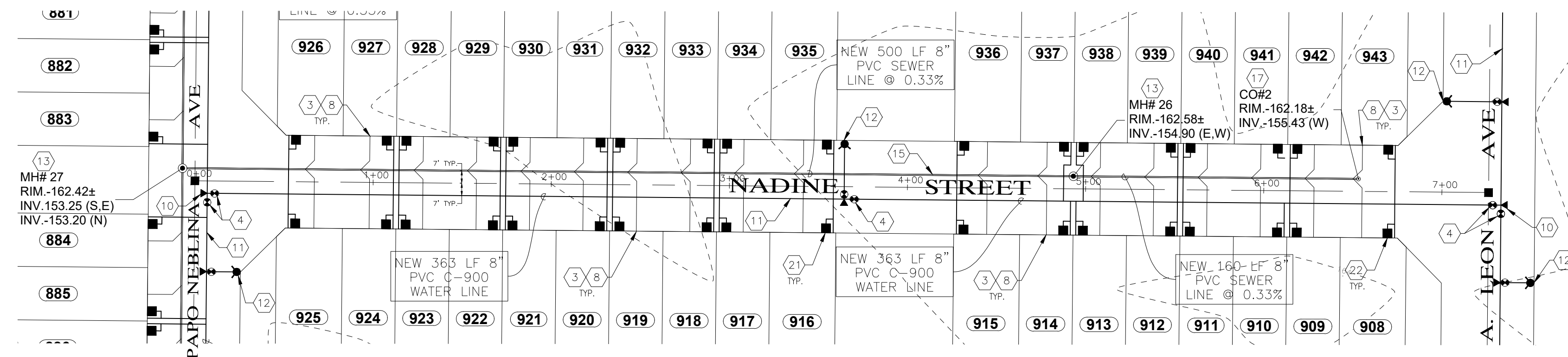
LOS MEZQUITES UNIT 4 AND LOS MEZQUITEZ TOWNHOMES 2 SUBDIVISIONS



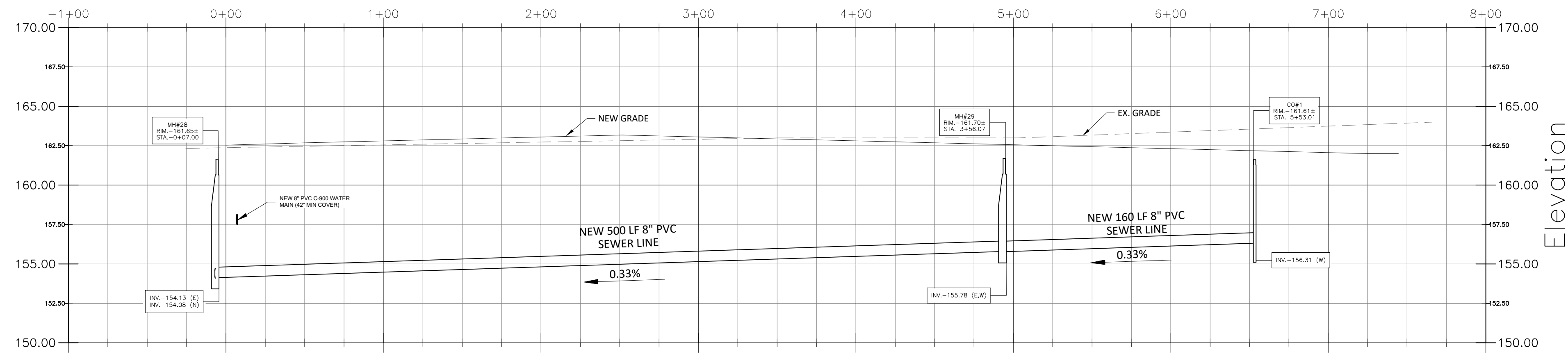
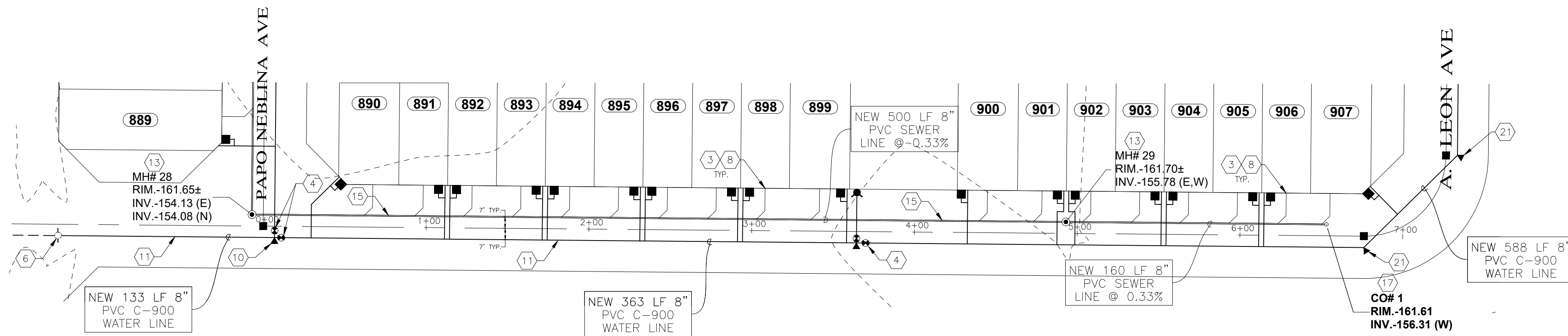
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HOYOS STREET



NADINE STREET

**NOTES:**

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REVISIONS	

LOS MEZQUITES UNIT 4  
 AND  
 LOS MEZQUITEZ  
 TOWNHOMES 2  
 SUBDIVISIONS  
 WATER & SEWER  
 PROFILES

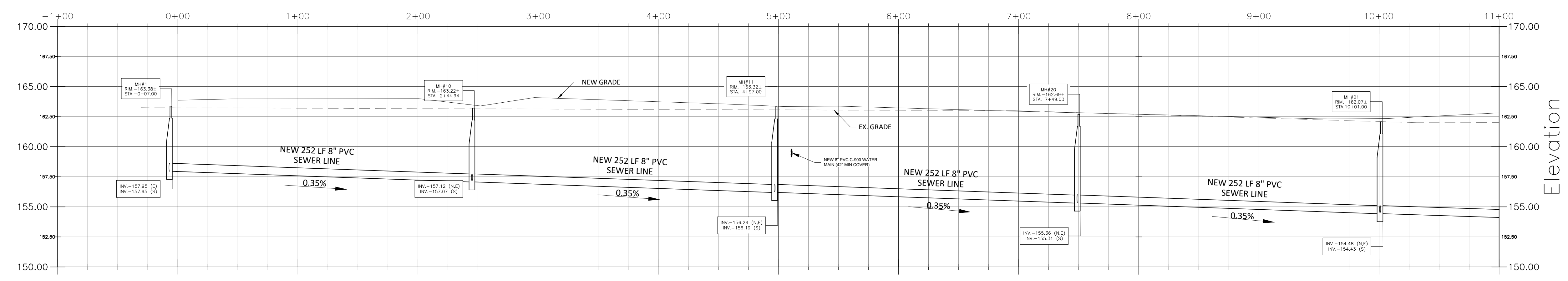
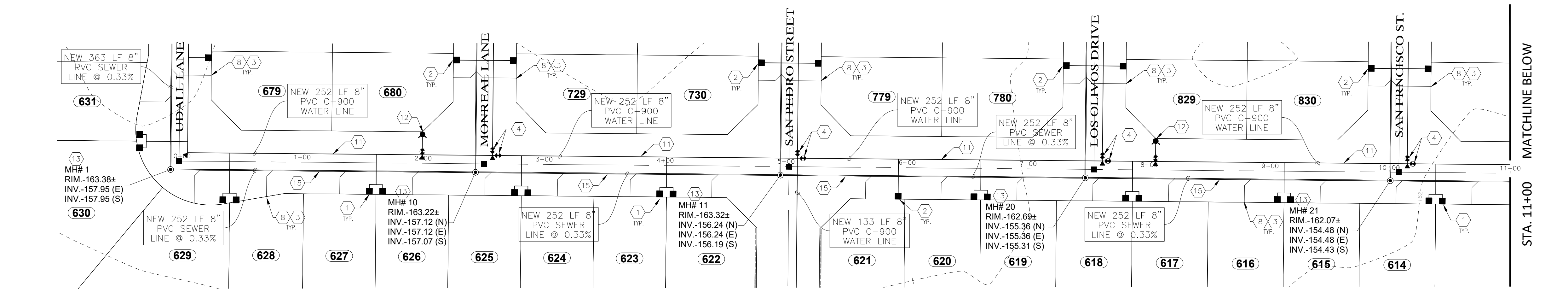
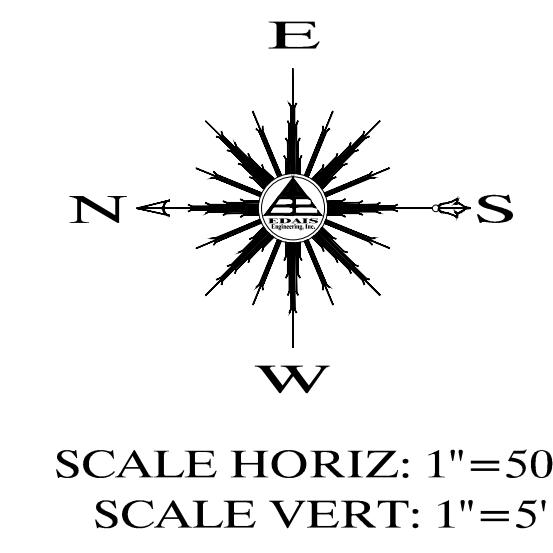
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 (928) 344-3500  
 najeh@edaisgroup.com  
 www.edaisengineering.com

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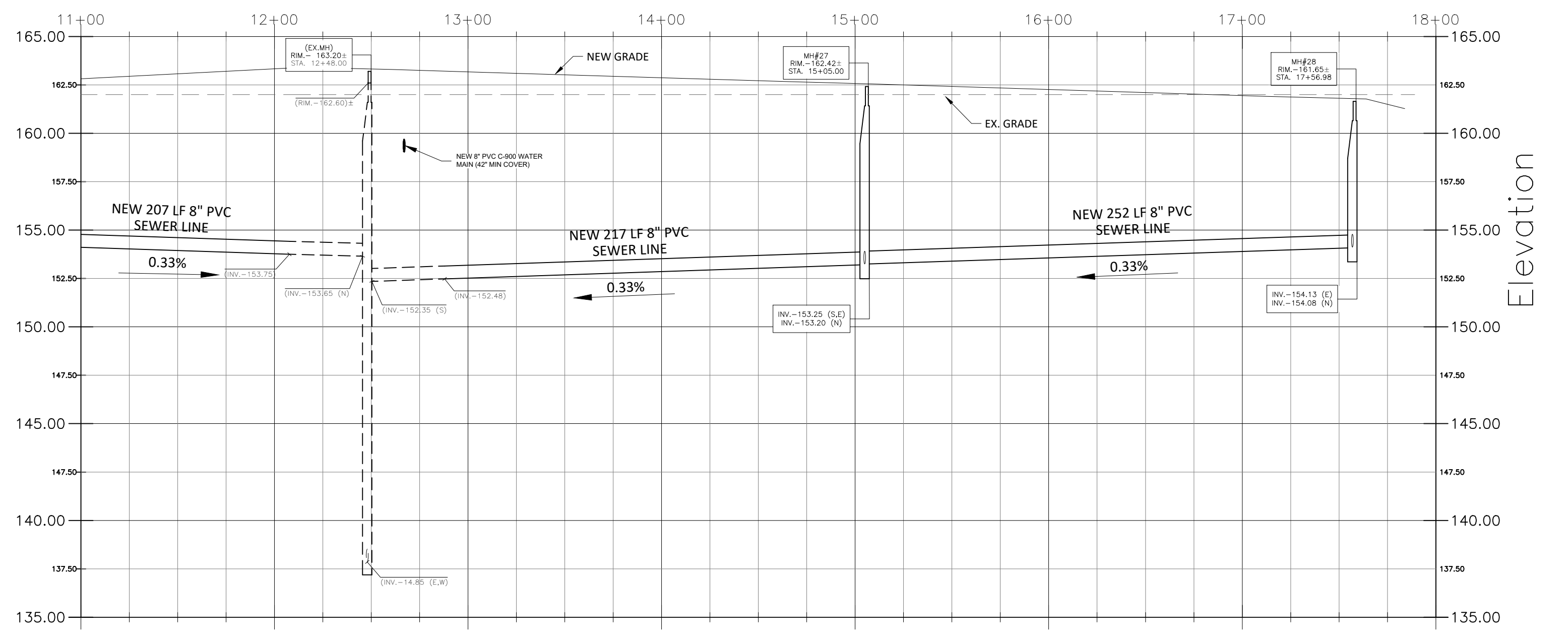
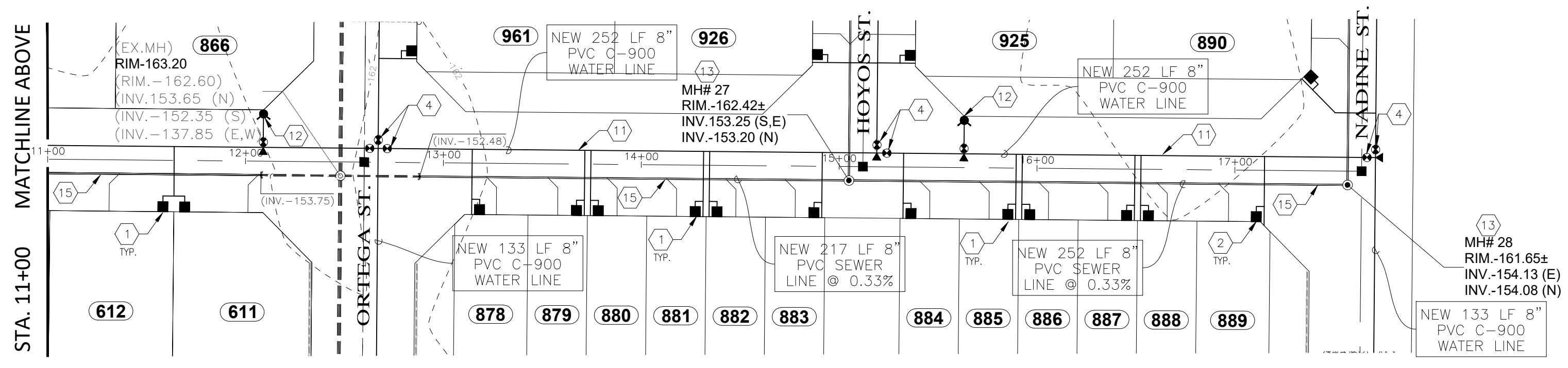
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**19**

REVISIONS	



**PAPO NEBLINA AVENUE**



**PAPO NEBLINA AVENUE**

**NOTES:**

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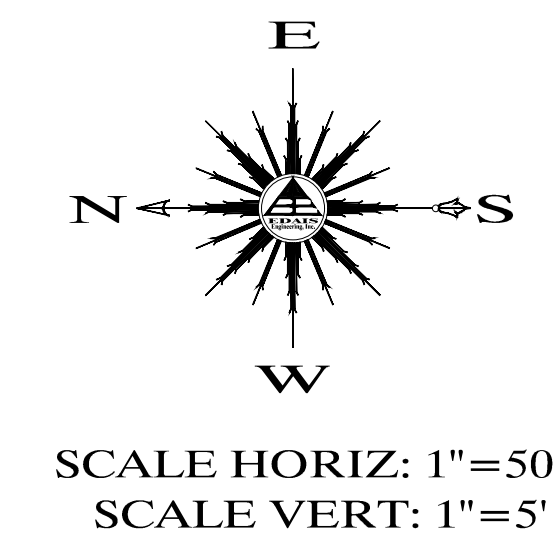
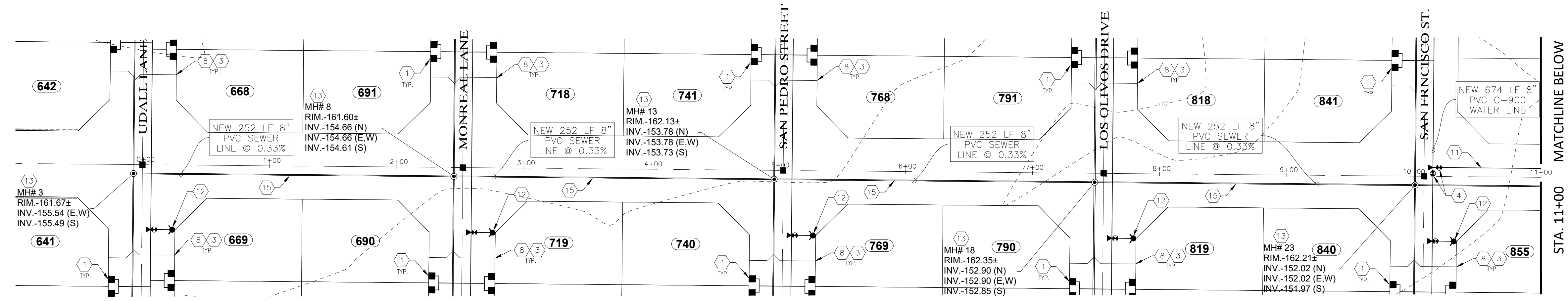
**WATER & SEWER PROFILES**  
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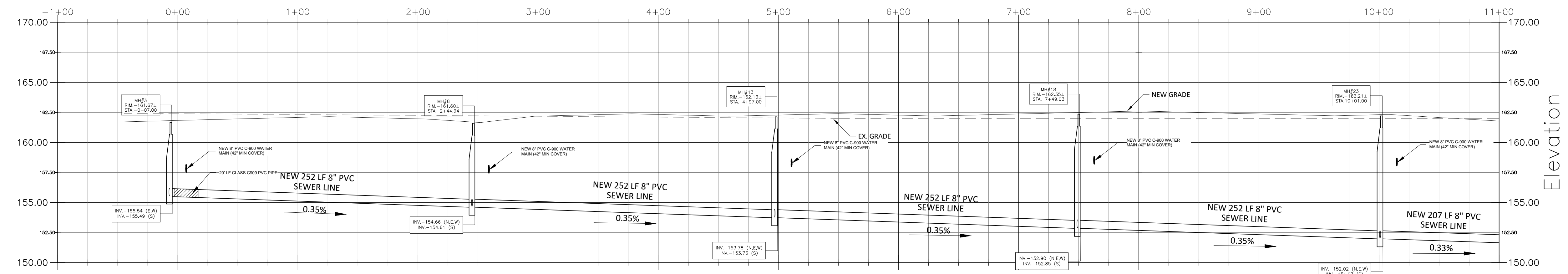
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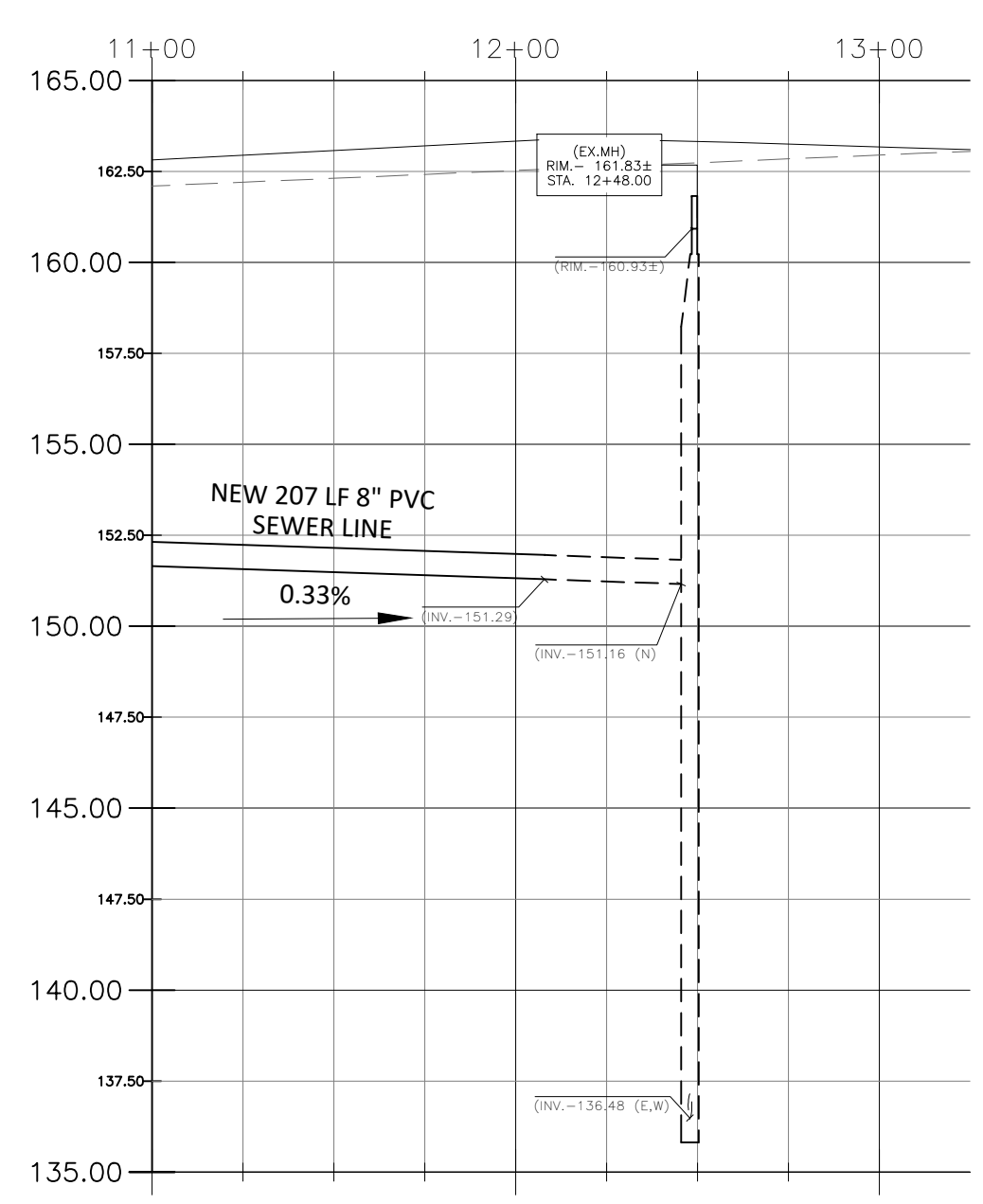
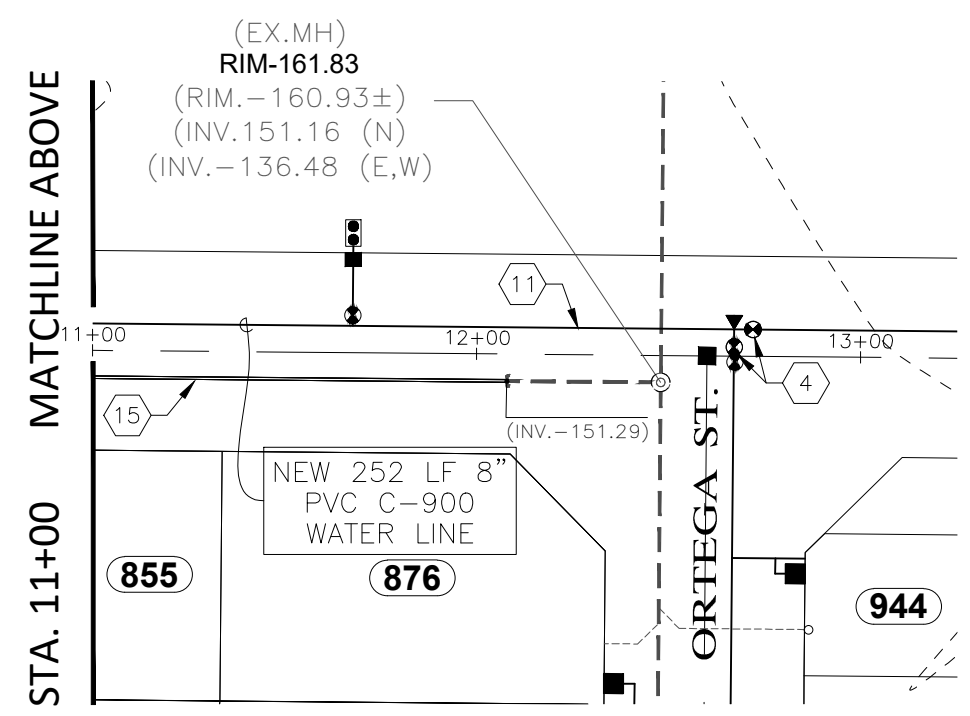
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REVISIONS	



**A. LEON AVENUE**



**A. LEON AVENUE**

**WATER & SEWER  
PROFILES**

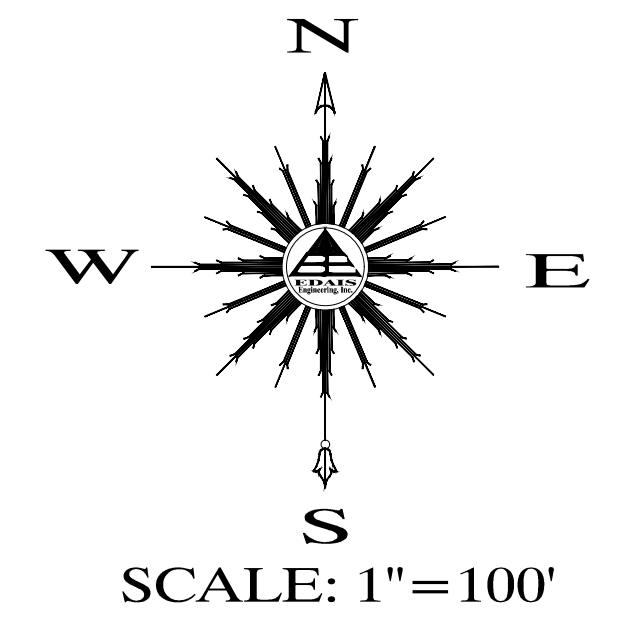
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SHEET NUMBER  
**21**

**STORMWATER  
POLLUTION  
PREVENTION  
PLAN**

**LOS MEZQUITES UNIT 4  
AND  
LOS MEZQUITEZ  
TOWNHOMES 2  
SUBDIVISIONS**

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Engineering, Inc.  
Yuma, Arizona 85365  
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na.jeh@edaisgroup.com (928) 344-3008

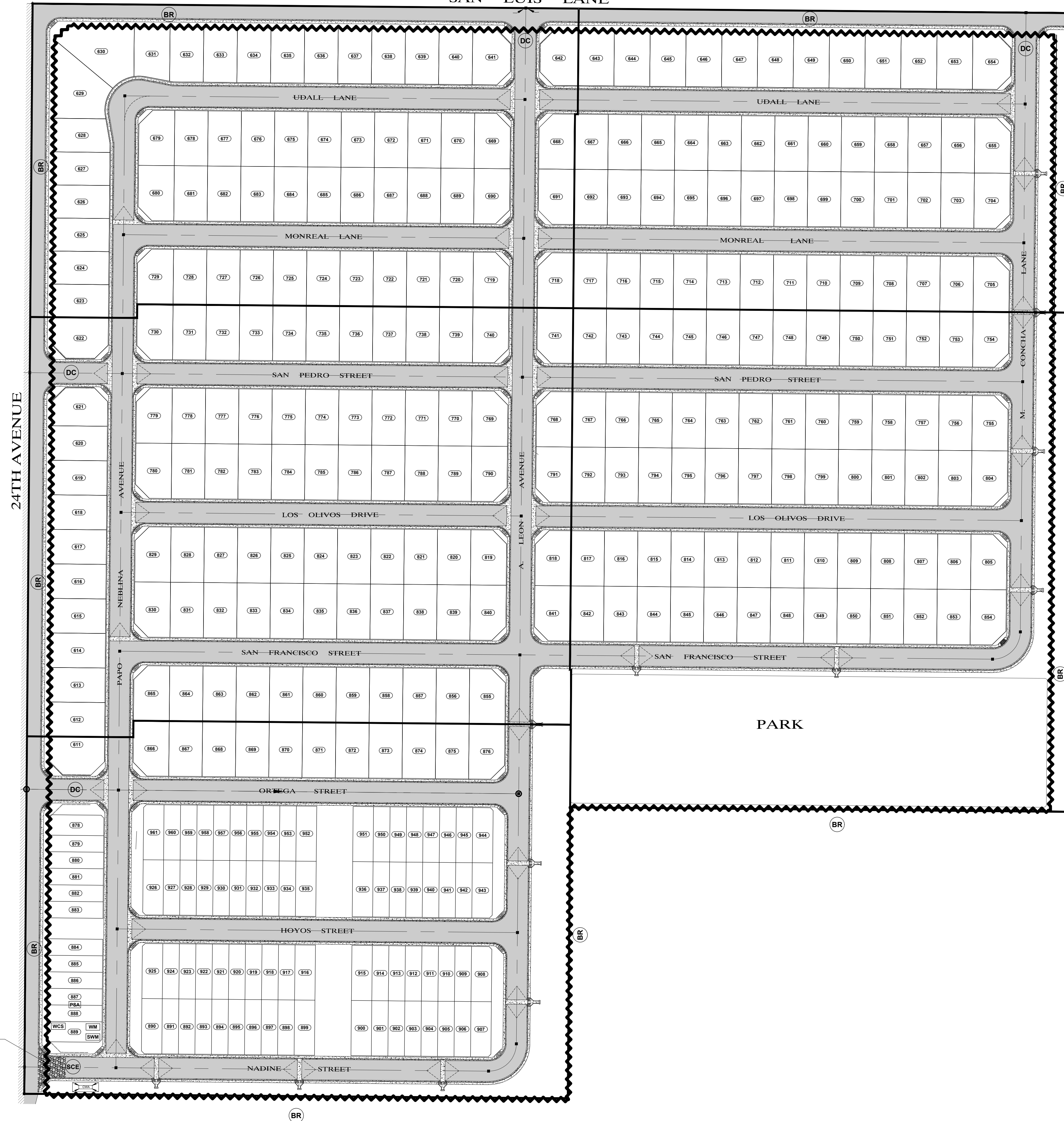
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SHEET NUMBER

**22**

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

SAN LUIS LANE



SEE NOTE NO. 1

**LEGEND**

- WATER USED TO COMPACT SOIL
- CONCRETE WASH AREA
- PROTECTED STORAGE AREA
- SANITARY WASTE MANAGEMENT
- DUMPSTER FOR WASTE MANAGEMENT AND TRASH COLLECTION
- STABILIZED CONSTRUCTION ENTRANCE
- WORK ZONE IDENTIFICATION SIGN
- DUST CONTROL
- BERM
- EXISTING WALL

**AREA**

DISTURBED AREA = 74.8124 ACRES

**FLOOD ZONE DESIGNATION**

THE PROPERTY IS LOCATED IN FLOOD PLAIN ZONE X (AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE); AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD) AS DETERMINED BY THE FEMA FEDERAL INSURANCE RATE MAPS

**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.

**NOTES**

1. CONTRACTOR TO IMPLEMENT EFFECTIVE CONTROL MEASURES TO MINIMIZE TRACKING OF SEDIMENTS, DEBRIS AND OTHER POLLUTANTS FROM VEHICLES AND EQUIPMENT LEAVING THE SITE DURING CONSTRUCTION. EXACT PLACEMENT, DURING VARIOUS PHASES OF CONSTRUCTION, TO BE DETERMINED BY THE CONTRACTOR.

