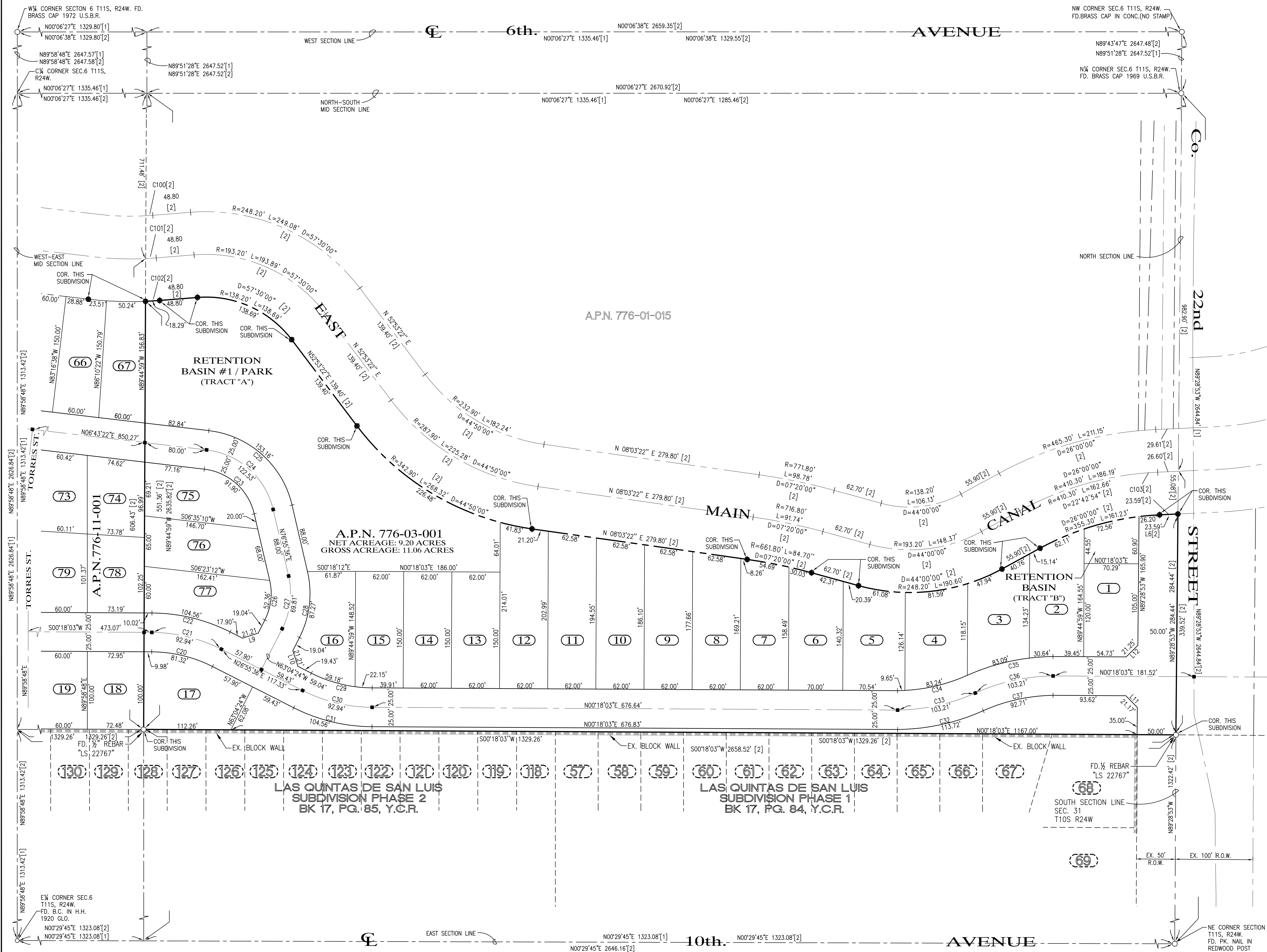
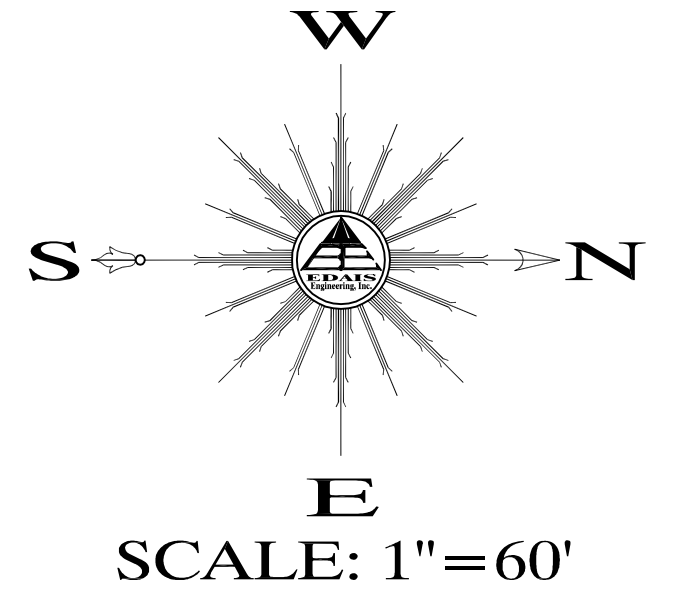


LAS QUINTAS DE SAN LUIS 2 SUBDIVISION

A SUBDIVISION OF PARCEL "B" OF THE BARKLEY LOT SPLIT No. 2 AS RECORDED IN BOOK ___ OF PLATS, PAGE ___. Y.C.R.O. AND BEING A LOT SPLIT OF APN 776-03-001 OR GOVERNMENT LOT 2, ALSO BEING THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 6, TOWNSHIP 11 SOUTH, RANGE 24 WEST, OF THE GILA AND SALT RIVER BASE AND MERIDIAN, YUMA COUNTY, ARIZONA

DATE: OCTOBER 2014 ACREAGE - 9.1978 AC
TENTATIVE PLAT



LEGEND

- CENTERLINE
- BOUNDARY LINE
- RIGHT OF WAY LINE
- EXISTING LOTS
- NEW PROPERTY LINE
- EXISTING CMU WALL
- FOUND MONUMENT (TYPE AS SHOWN)
- NEW STREET MONUMENT AS PER YUMA COUNTY STD. No. 4-080
- NEW SUBDIVISION BOUNDARY MONUMENT PER YUMA COUNTY STD. No. 4-030
- B.C. INDICATES BRASS CAP
- H.H. INDICATE HAND HOLE
- ([1]) DATA REFER TO BARKLEY PROPERTY - SAN LUIS, BOUNDARY SURVEY CONDUCTED BY DAHL, ROBINS & ASSOCIATES, INC. PROJECT No. 07076 SIGNED BY JUAN N. LOMELI DATED JULY 24, 2007.
- ([2]) DATA REFER TO BARKLEY LOT SPLIT No. 2 AS RECORDED IN BOOK ___ OF PLATS, PAGE ___. Y.C.R.O., YUMA COUNTY, ARIZONA.
- NEW LOT NUMBER
- EXISTING LOT NUMBER
- A.P.N. ASSESSOR PARCEL NUMBER
- Y.C.R.O. YUMA COUNTY RECORDER'S OFFICE

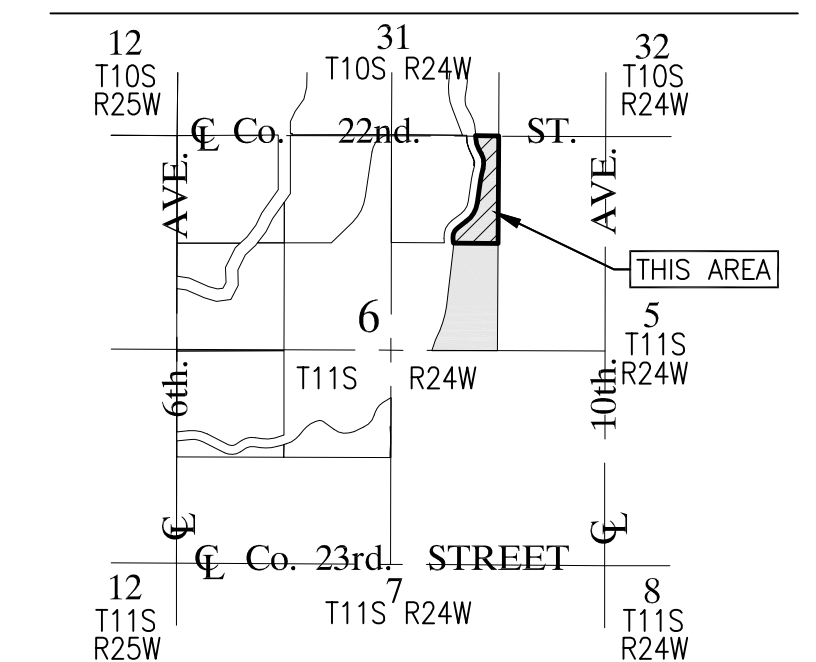
BASIS OF BEARING

THE EAST-WEST MID-SECTION LINE OF SECTION 6, T11S, R24W, G.&S.R.B.&M., YUMA COUNTY, ARIZONA
BEARING N89°58'48"E

BENCHMARK

CHISELED "X" ON CONCRETE HEADWALL (EAST MAIN CANAL)
ELEVATION - 95.33 FEET

VICINITY MAP



NOTE:

FOR MORE BOUNDARY INFORMATION REFER TO BARKLEY PROPERTY - SAN LUIS, BOUNDARY SURVEY CONDUCTED BY DAHL, ROBINS & ASSOCIATES, INC. PROJECT No. 07076. SIGNED BY JUAN N. LOMELI. DATED JULY 24, 2007.

**PRELIMINARY
NOT FOR
CONSTRUCTION
REVIEW ONLY**

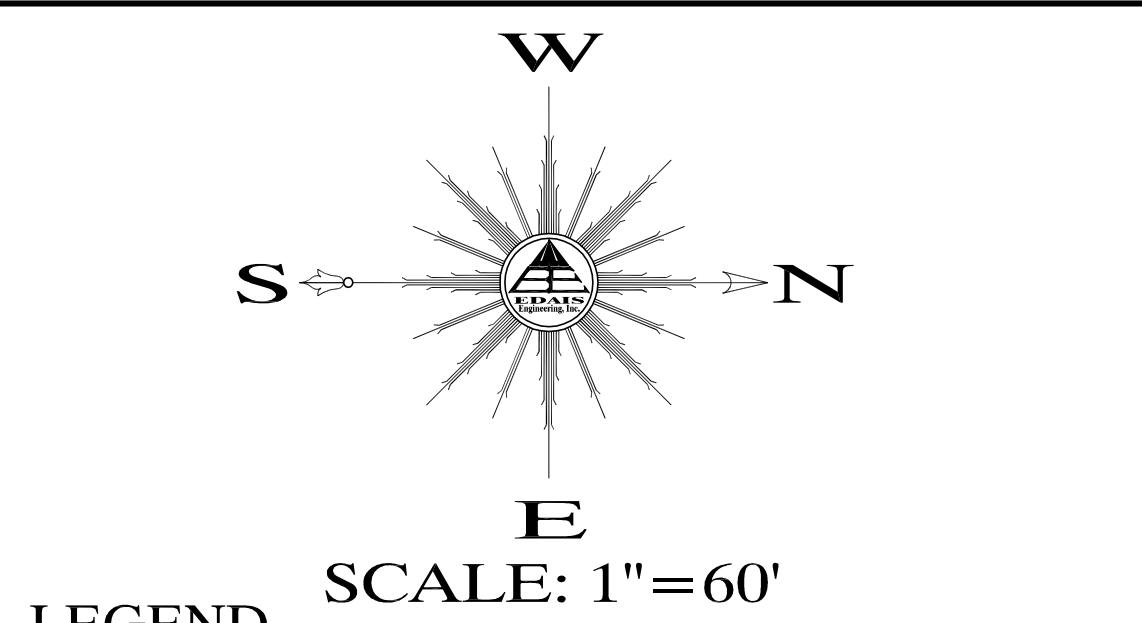
OWNER

**BARKLEY LIMITED AZ
PARTNERSHIP**
101 E. SECOND STREET
YUMA, ARIZONA 85364

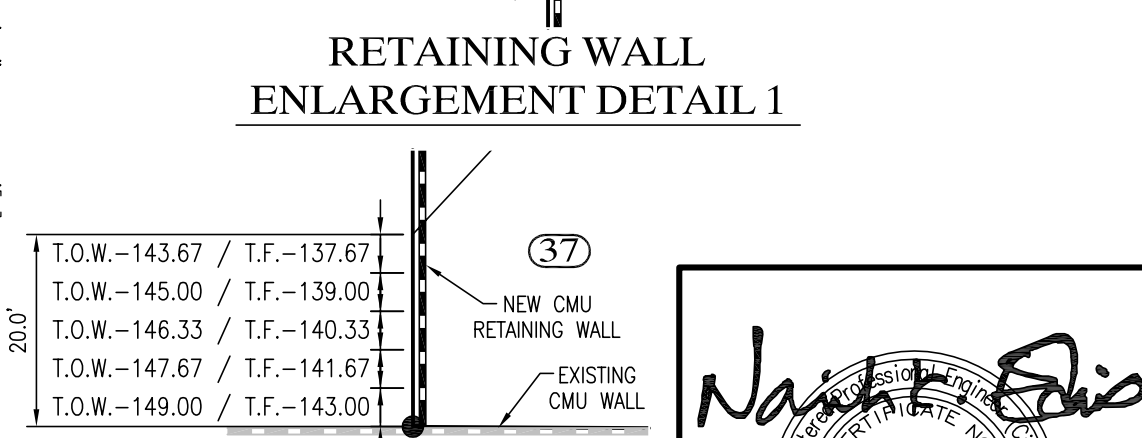
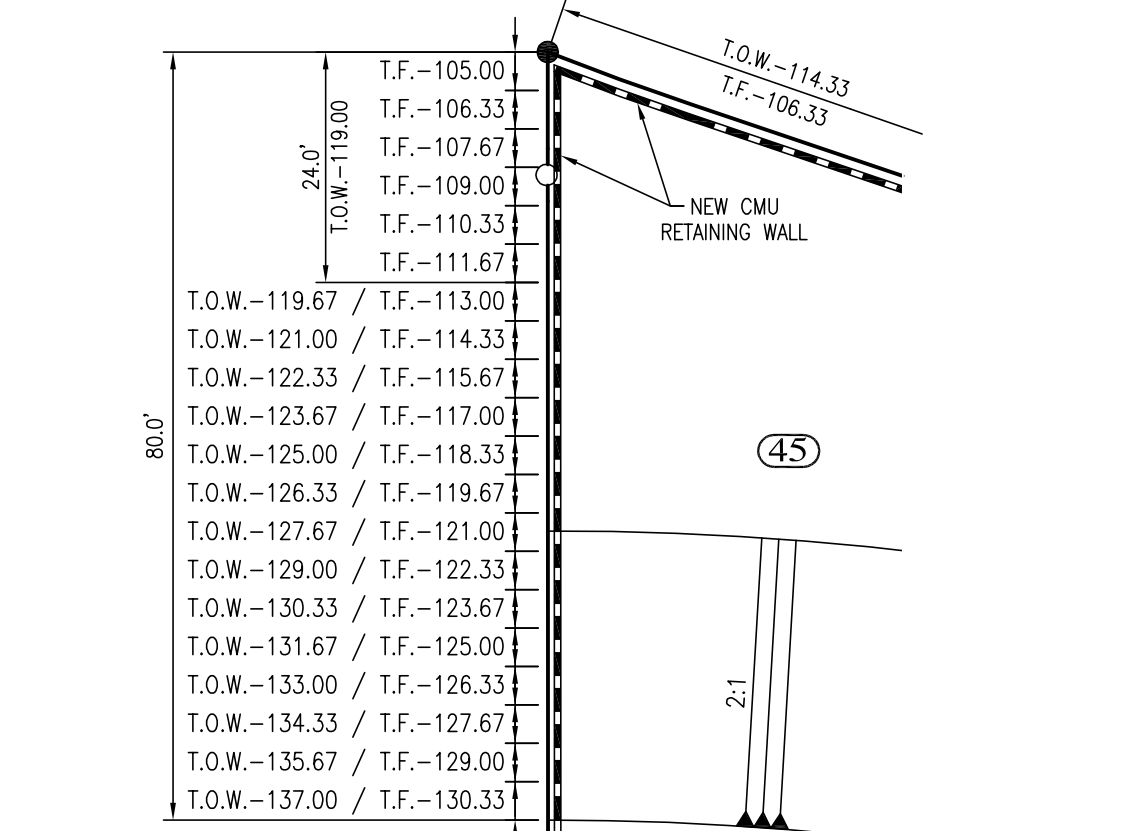
LAS QUINTAS DE SAN LUIS 2 SUBDIVISION TENTATIVE PAVING & GRADING PLAN

SCALE: AS SHOWN DESIGNED BY: NKE CHECKED BY: NKE
DATE: OCT. 14, 2014 DRAWN BY: STAFF JOB No. 14-015

EDAIS Engineering, Inc.
SHEET 2
3076 S. AVE. 4E Yuma, Arizona 85365
(928) 344-3568 FAX (928) 341-1075
EMAIL: najeh@edaisgroup.com



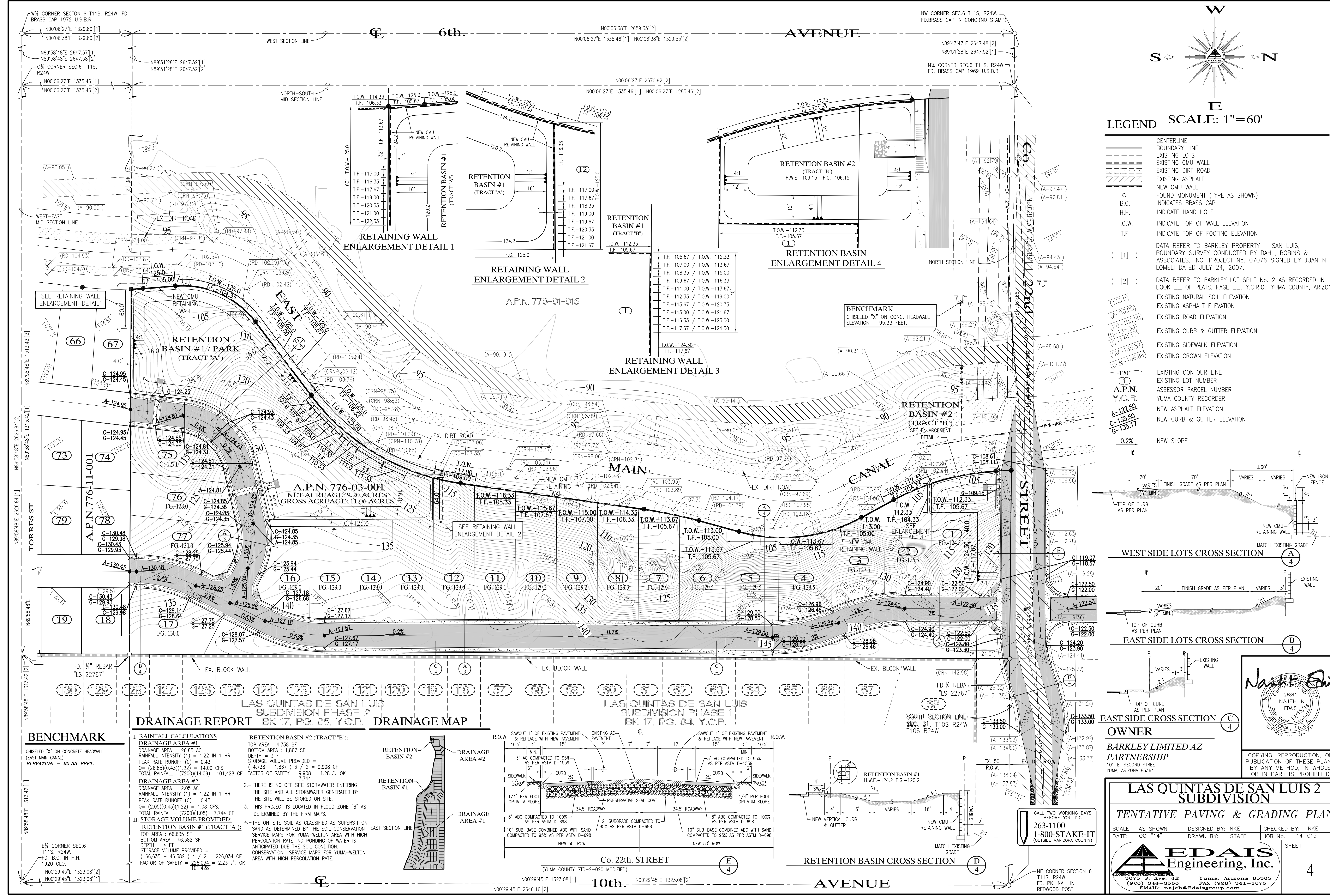
- LEGEND**
- CENTERLINE
 - BOUNDARY LINE
 - EXISTING LOTS
 - EXISTING CURB WALL
 - EXISTING DIRT ROAD
 - EXISTING ASPHALT
 - NEW CMU WALL
 - o FOUND MONUMENT (TYPE AS SHOWN)
 - B.C. INDICATES BRASS CAP
 - H.H. INDICATE HAND HOLE
 - T.O.W. INDICATE TOP OF WALL ELEVATION
 - T.F. INDICATE TOP OF FOOTING ELEVATION
 - ([1]) DATA REFER TO BARKLEY PROPERTY - SAN LUIS, BOUNDARY SURVEY CONDUCTED BY DAHL, ROBINS & ASSOCIATES, INC. PROJECT No. 07076 SIGNED BY JUAN N. LOMELI DATED JULY 24, 2007.
 - ([2]) DATA REFER TO BARKLEY LOT SPLIT No. 2 AS RECORDED IN BOOK ___ OF PLATS, PAGE ___, Y.C.R.O., YUMA COUNTY, ARIZONA.
 - (133.0) EXISTING NATURAL SOIL ELEVATION
 - (A-90.00) EXISTING ASPHALT ELEVATION
 - (RD-103.20) EXISTING ROAD ELEVATION
 - (G-135.50) EXISTING CURB & GUTTER ELEVATION
 - (SW-135.52) EXISTING SIDEWALK ELEVATION
 - (CRN-106.86) EXISTING CROWN ELEVATION
 - 120 CONTOUR LINE
 - o EXISTING LOT NUMBER
 - A.P.N. ASSESSOR PARCEL NUMBER
 - Y.C.R. YUMA COUNTY RECORDER



OWNER
BARKLEY LIMITED AZ PARTNERSHIP
 101 E. SECOND STREET
 YUMA, ARIZONA 85364

LAS QUINTAS DE SAN LUIS 2 SUBDIVISION
TENTATIVE PAVING & GRADING PLAN
 SCALE: AS SHOWN DESIGNED BY: NKE CHECKED BY: NKE
 DATE: OCT. 14 DRAWN BY: STAFF JOB No. 14-015

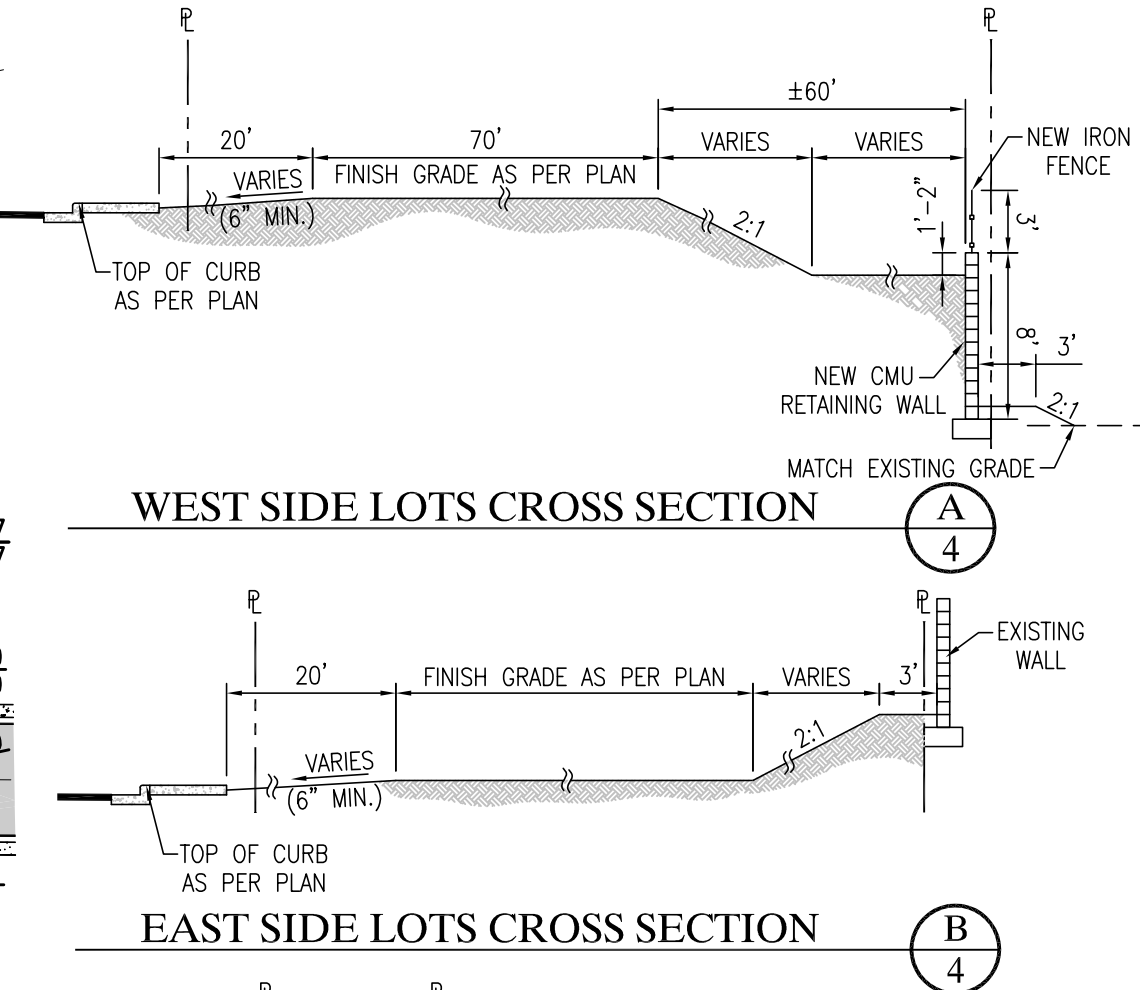
EDAIS Engineering, Inc.
 3075 S. Ave. 4E Yuma, Arizona 85365
 (928) 344-3566 FAX (928) 341-1075
 EMAIL: najeh@Edaisgroup.com



LEGEND

SCALE: 1" = 60'

- CENTERLINE
- BOUNDARY LINE
- EXISTING LOTS
- EXISTING CMU WALL
- EXISTING DIRT ROAD
- EXISTING ASPHALT
- NEW CMU WALL
- FOUND MONUMENT (TYPE AS SHOWN)
- INDICATES BRASS CAP
- H.H. INDICATE HAND HOLE
- T.O.W. INDICATE TOP OF WALL ELEVATION
- T.F. INDICATE TOP OF FOOTING ELEVATION
- ([1]) DATA REFER TO BARKLEY PROPERTY - SAN LUIS, BOUNDARY SURVEY CONDUCTED BY DAHL, ROBINS & ASSOCIATES, INC. PROJECT No. 07076 SIGNED BY JUAN N. LOMELI DATED JULY 24, 2007.
- ([2]) DATA REFER TO BARKLEY LOT SPLIT No. 2 AS RECORDED IN BOOK ___ OF PLATS, PAGE ___. Y.C.R.O., YUMA COUNTY, ARIZONA. EXISTING NATURAL SOIL ELEVATION
- EXISTING ASPHALT ELEVATION
- EXISTING ROAD ELEVATION
- EXISTING CURB & GUTTER ELEVATION
- EXISTING SIDEWALK ELEVATION
- EXISTING CROWN ELEVATION
- EXISTING CONTOUR LINE
- EXISTING LOT NUMBER
- A.P.N. ASSESSOR PARCEL NUMBER
- Y.C.P. YUMA COUNTY RECORDER
- A-122.50 NEW ASPHALT ELEVATION
- C-135.17 NEW CURB & GUTTER ELEVATION
- 0.2% NEW SLOPE



EAST SIDE CROSS SECTION (C)

OWNER
BARKLEY LIMITED AZ PARTNERSHIP
 101 E. SECOND STREET
 YUMA, ARIZONA 85364

DRAINAGE REPORT BK 17, PG. 85, Y.C.R. DRAINAGE MAP

I. RAINFALL CALCULATIONS

DRAINAGE AREA #1
 DRAINAGE AREA = 26.85 AC
 RAINFALL INTENSITY (I) = 1.22 IN 1 HR.
 PEAK RATE RUNOFF (C) = 0.43
 Q = (26.85)(0.43)(1.22) = 14.09 CFS
 TOTAL RAINFALL = (7200)(14.09) = 101,428 CF

DRAINAGE AREA #2
 DRAINAGE AREA = 2.05 AC
 RAINFALL INTENSITY (I) = 1.22 IN 1 HR.
 PEAK RATE RUNOFF (C) = 0.43
 Q = (2.05)(0.43)(1.22) = 1.08 CFS
 TOTAL RAINFALL = (7200)(1.08) = 7,744 CF

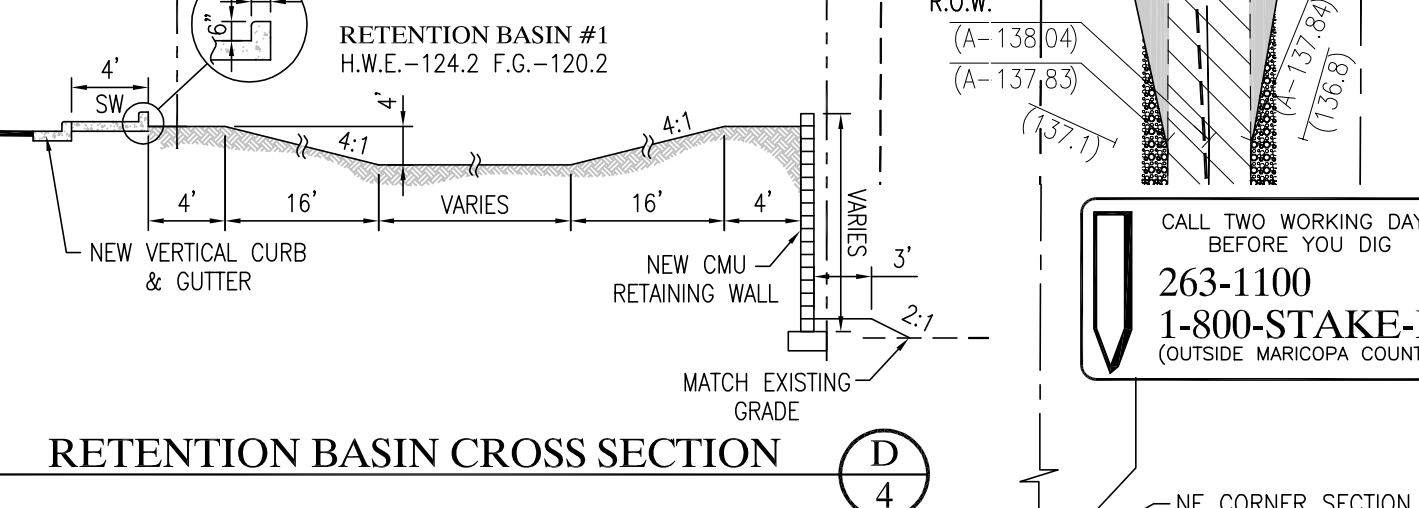
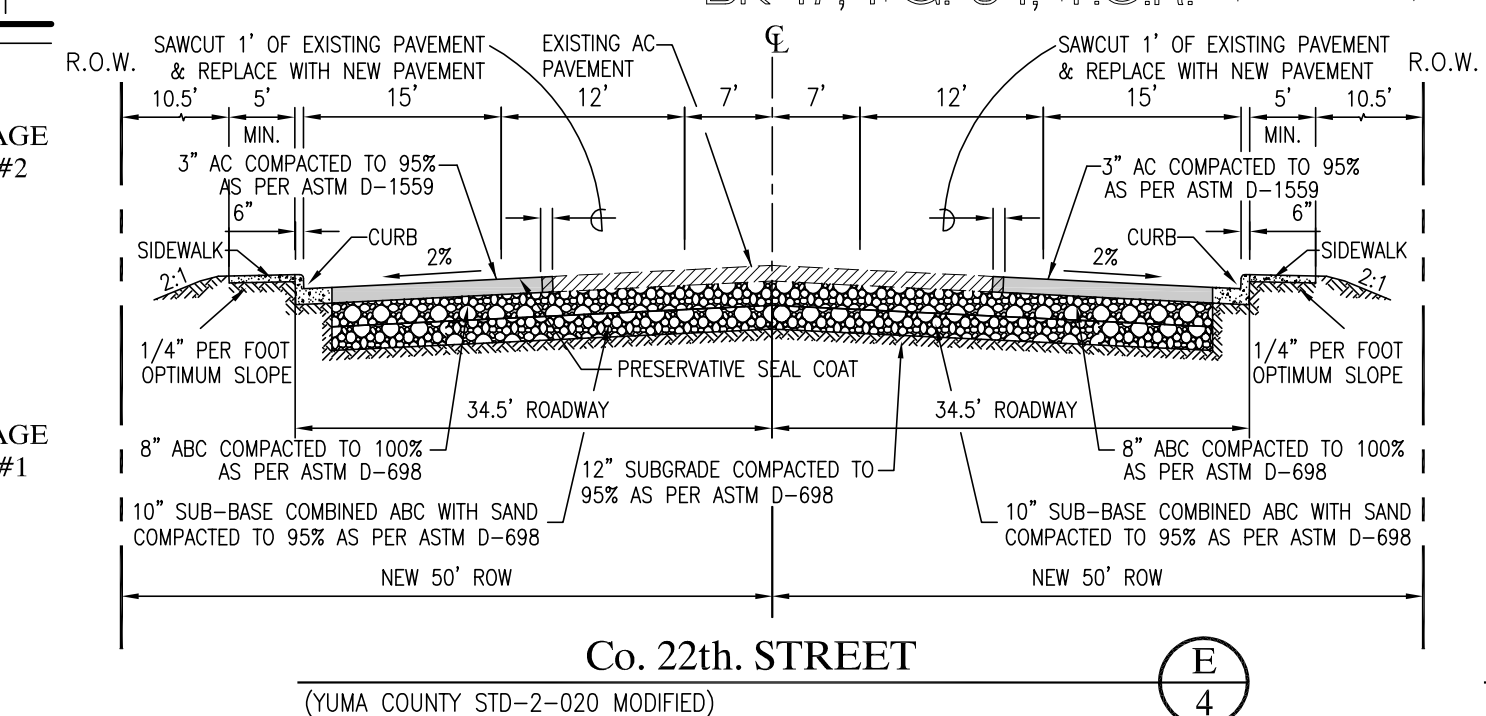
II. STORAGE VOLUME PROVIDED:

RETENTION BASIN #1 (TRACT "A"):
 TOP AREA = 66,635 SF
 BOTTOM AREA = 46,382 SF
 DEPTH = 4 FT
 STORAGE VOLUME PROVIDED = (66,635 + 46,382) * 4 / 2 = 226,034 CF
 FACTOR OF SAFETY = 226,034 = 2.23 > 1.01, OK

RETENTION BASIN #2 (TRACT "B"):
 TOP AREA = 4,738 SF
 BOTTOM AREA = 1,867 SF
 DEPTH = 3 FT
 STORAGE VOLUME PROVIDED = (4,738 + 1,867) * 3 / 2 = 9,908 CF
 FACTOR OF SAFETY = 9,908 = 1.28 > 1.0, OK

3.- THIS PROJECT IS LOCATED IN FLOOD ZONE "B" AS DETERMINED BY THE FIRM MAPS.

4.- THE ON-SITE SOIL AS CLASSIFIED AS SUPERSTITION SAND AS DETERMINED BY THE SOIL CONSERVATION SERVICE MAPS FOR YUMA-WELTON AREA WITH HIGH PERCOLATION RATE. NO PONDING OF WATER IS ANTICIPATED DUE TO THE SOIL CONDITION. CONSERVATION SERVICE MAPS FOR YUMA-WELTON AREA WITH HIGH PERCOLATION RATE.



LAS QUINTAS DE SAN LUIS 2 SUBDIVISION

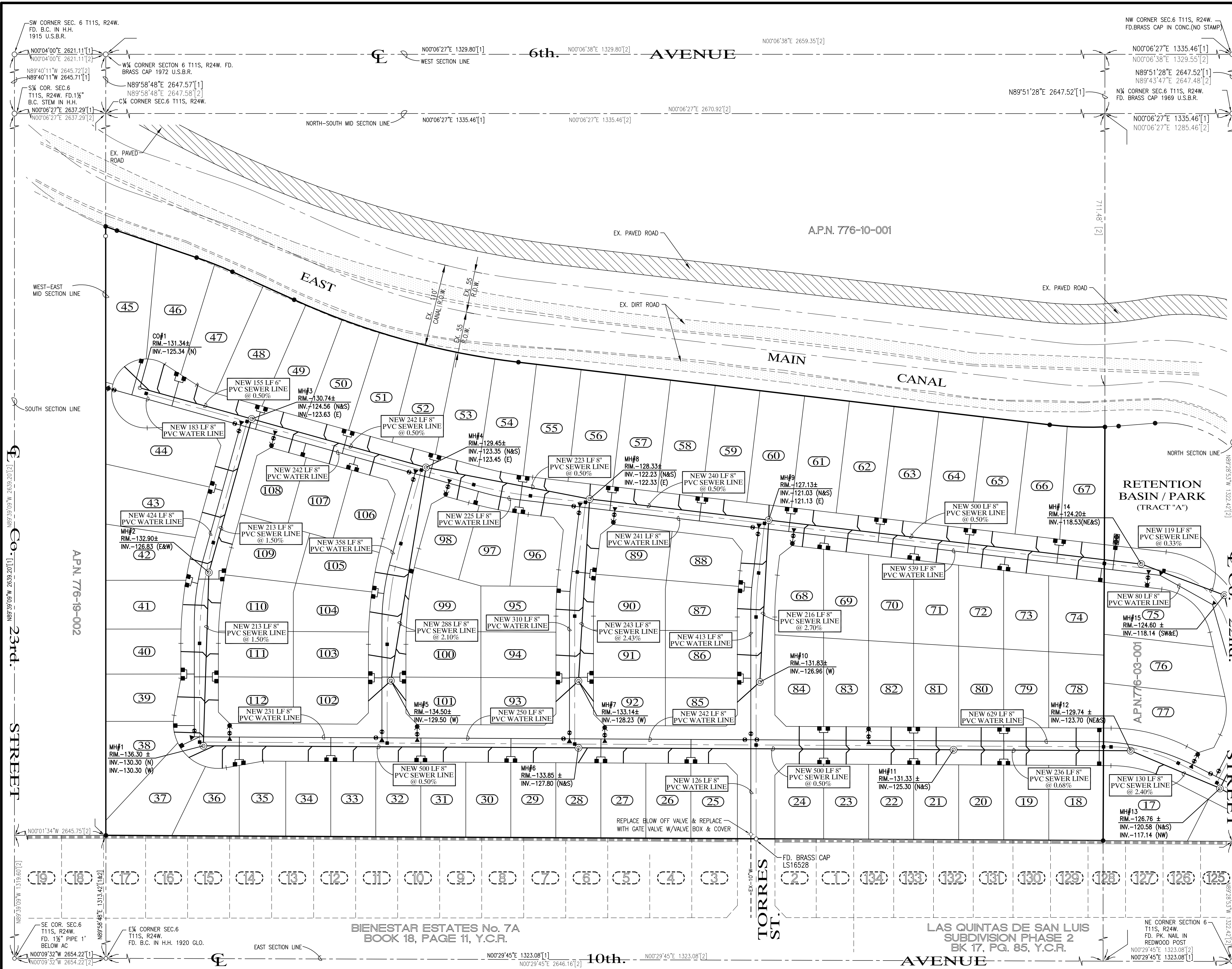
TENTATIVE PAVING & GRADING PLAN

SCALE: AS SHOWN DESIGNED BY: NKE CHECKED BY: NKE
 DATE: OCT. 14' DRAWN BY: STAFF JOB No. 14-015

EDAIS Engineering, Inc.
 5075 S. AVE. 4E Yuma, Arizona 85365
 (928) 344-3566 FAX (928) 341-1075
 EMAIL: najeh@edaigroup.com

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

SHEET 4



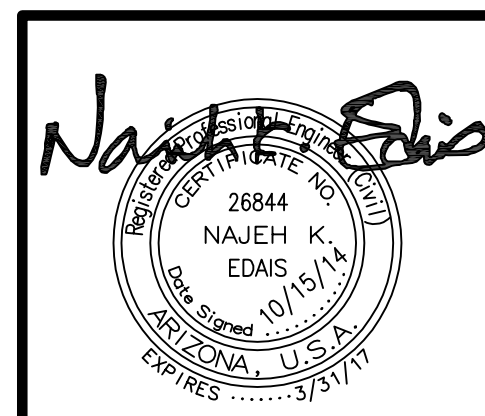
LEGEND

- CENTERLINE
- PROPERTY LINE
- BOUNDARY LINE
- NEW PVC WATER MAIN
- NEW PVC SEWER LINE
- ②① NEW LOT NUMBER
- ①⑧⑧ FUTURE 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 TEMPORARY BLOWOFF VALVE
- NEW FIRE HYDRANT
- MH NEW MANHOLE
- RIM. NEW RIM ELEVATION
- INV. NEW INVERT ELEVATION
- NEW STREET MONUMENT AS PER YUMA COUNTY STD. No. 4-080
- ⊗ EXISTING WATER VALVE

SCALE: 1"=60'

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.



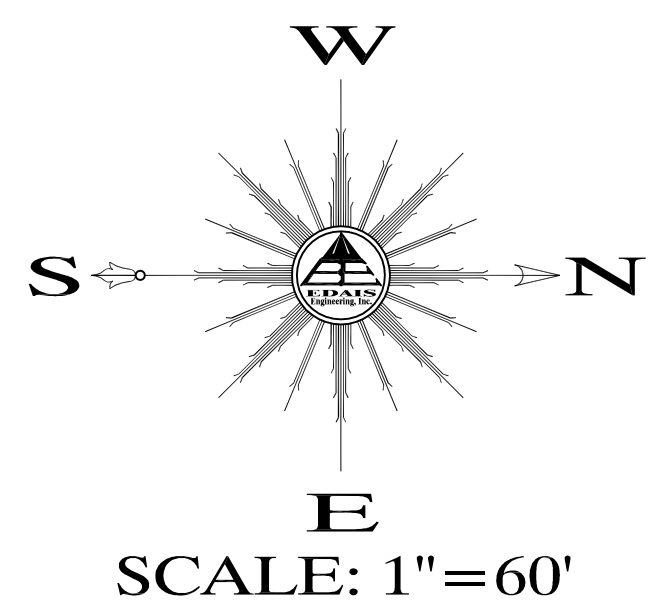
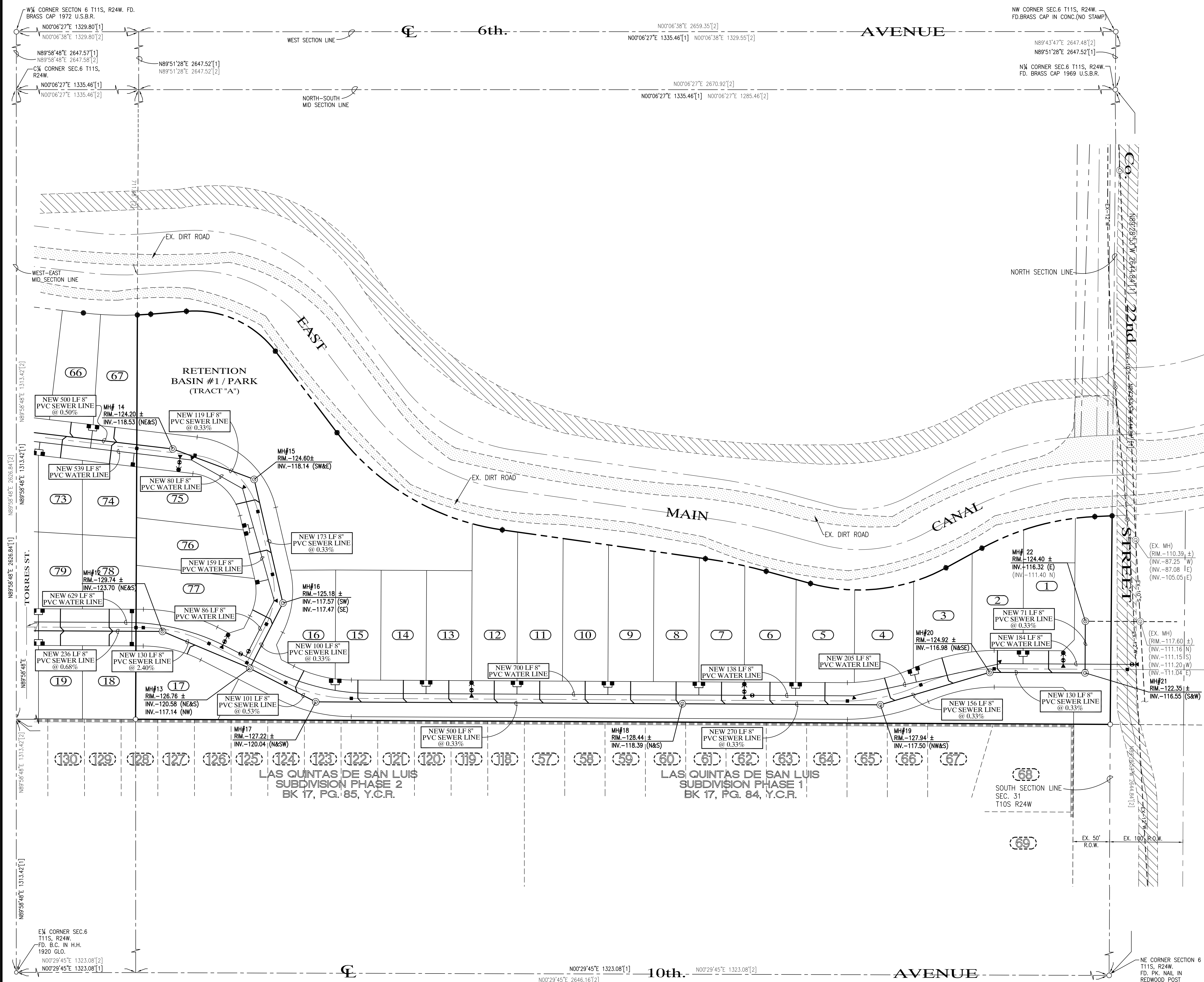
OWNER
BARKLEY LIMITED AZ PARTNERSHIP
 101 E. SECOND STREET
 YUMA, ARIZONA 85364

LAS QUINTAS DE SAN LUIS 2 SUBDIVISION
TENTATIVE WATER & SEWER PLAN

SCALE: AS SHOWN DESIGNED BY: NKE CHECKED BY: NKE
 DATE: OCT. 14' DRAWN BY: STAFF JOB No. 14-015

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 3075 S. AVE. 4E Yuma, Arizona 85365
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 EMAIL: najeh@edaisgroup.com

SHEET **5**

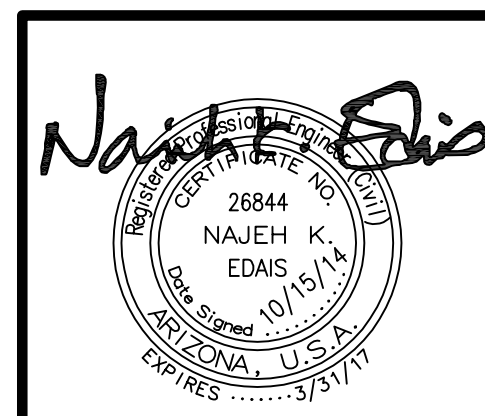


LEGEND

	CENTERLINE
	PROPERTY LINE
	BOUNDARY LINE
	NEW PVC WATER MAIN
	NEW PVC SEWER LINE
	FUTURE 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 TEMPORARY BLOWOFF VALVE
	NEW FIRE HYDRANT
	NEW MANHOLE
	NEW RIM ELEVATION
	NEW INVERT ELEVATION
	NEW STREET MONUMENT AS PER YUMA COUNTY STD. NO. 4-080
	EXISTING WATER VALVE

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.



OWNER
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 YUMA, ARIZONA 85364

LAS QUINTAS DE SAN LUIS 2 SUBDIVISION
TENTATIVE WATER & SEWER PLAN

SCALE: AS SHOWN	DESIGNED BY: NKE	CHECKED BY: NKE
DATE: OCT. '14	DRAWN BY: STAFF	JOB No. 14-015

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 3075 S. AVE. 4E
 Yuma, Arizona 85365
 (928) 344-3566 FAX (928) 341-1075
 EMAIL: najeh@edaisgroup.com

SHEET **6**

EX. CORNER SEC. 6
 T11S, R24W.
 F.D. B.C. IN H.H.
 1920 G.L.O.
 N00°29'45"E 1323.08[2]
 N00°29'45"E 1323.08[1]

NE CORNER SECTION 6
 T11S, R24W.
 F.D. PK. NAIL IN
 REDWOOD POST