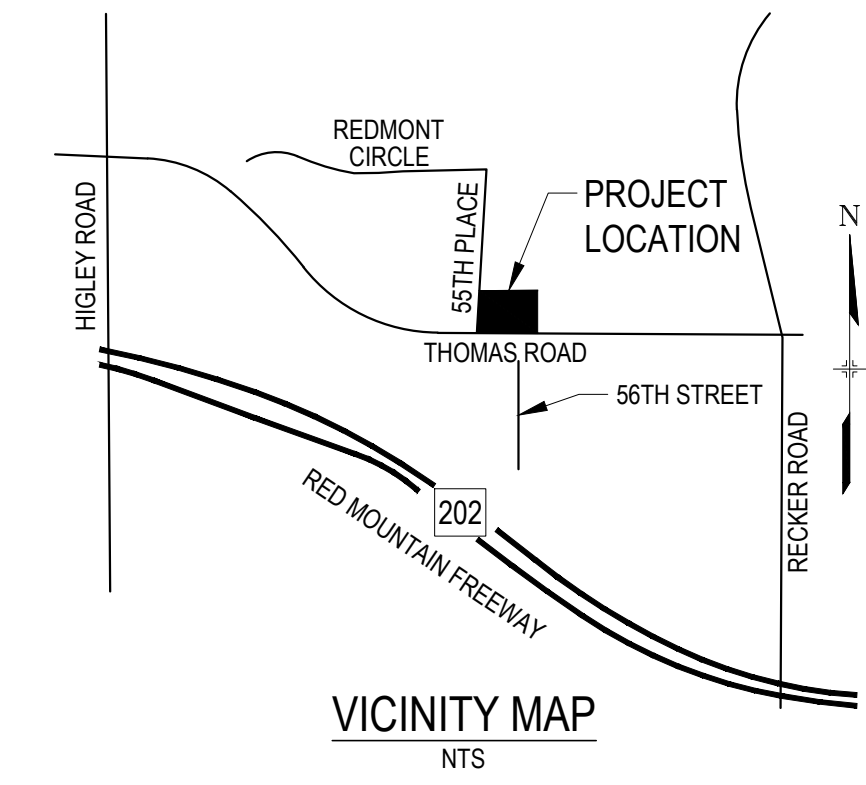


# PRELIMINARY GRADING AND DRAINAGE PLAN FOR LOT 7 MESA MIXED USE MESA, AZ

A PORTION OF THE SOUTHWEST QUARTER OF SECTION 26, TOWNSHIP 2 NORTH, RANGE 6 EAST  
OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA



Call at least two full working days before you begin excavation.

**ARIZONA 811**  
Know What's Below

**VERTEX**  
CIVIL ENGINEERING

- LEGEND**
- RIGHT OF WAY LINE
  - MONUMENT LINE
  - PROPERTY LINE
  - OTHERS PROPERTY LINE
  - EASEMENT
  - 6" S PROPOSED SEWER
  - 6" FL PROPOSED FIRE LINE
  - 2" W PROPOSED WATER
  - PROPOSED RETAINING WALL
  - PROPOSED RIP-RAP
  - PROPOSED CONCRETE
  - PROPOSED BACKFLOW PREVENTER
  - PROPOSED WATER METER
  - PROPOSED DRY WELL
  - PROPOSED FIRE HYDRANT
  - PROPOSED CATCH BASIN
  - BRASS CAP IN HANDHOLE
  - REBAR (AS NOTED)
  - MONUMENT (AS NOTED)
  - ELECTRICAL METER
  - ELECTRICAL SWITCH CABINET
  - JUNCTION BOX
  - LIGHT POLE
  - STREET LIGHT JUNCTION BOX
  - TRAFFIC CABINET
  - TRAFFIC SIGNAL
  - TRAFFIC SIGNAL JUNCTION BOX
  - SEWER MANHOLE
  - TELEPHONE PEDESTAL
  - EXISTING FIRE HYDRANT
  - WATER VALVE
  - SIGN
  - SPOT ELEVATION
  - FLOW ARROW
  - SCHEDULE B ITEM
  - TREE
  - C CONCRETE
  - G GUTTER
  - GR GRATE
  - FG FINISHED GRADE
  - P PAVEMENT
  - TC TOP OF CURB
  - TW TOP OF WALL
  - CO CURB OPENING
  - (ME) MATCH EXISTING
  - SW SIDEWALK
  - FND FOUND
  - MCR MARICOPA COUNTY RECORDER
  - PUE PUBLIC UTILITY EASEMENT
  - R/W RIGHT OF WAY
  - (C) CALCULATED BEARINGS/DISTANCES
  - (M) MEASURED BEARINGS/DISTANCES
  - (R#) RECORDED BEARINGS/DISTANCES
  - VG VALLEY GUTTER
  - FF FINISHED FLOOR
  - (###) BOOK XXX OF MAPS, PAGE XX, MCR

**SHEET INDEX**

COVER SHEET	1
CROSS SECTIONS	2

**OWNER**

RICHARD WESTBERG  
1645 N. ANANEA  
MESA, AZ 85207  
PHONE: (480) 452-7980  
CONTACT: RICHARD WESTBERG

**CIVIL ENGINEER**

VERTEX CIVIL ENGINEERING, LLC  
2131 S. SABRINA  
MESA, ARIZONA 85209  
PHONE: (480) 577-4984  
CONTACT: DANIEL GONZALEZ, P.E.

**ARCHITECT**

RKAA ARCHITECTS & ASSOC., INC.  
2233 E. THOMAS RD  
PHOENIX, AZ 85016  
PHONE: (602) 955-3900  
CONTACT: RANDY HAISLET

**BASIS OF BEARING**

THE BASIS OF BEARING IS THE MONUMENT LINE OF THOMAS ROAD, ALSO BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SECTION 26, USING A BEARING OF NORTH 89 DEGREES 45 MINUTES 58 SECONDS EAST, PER THE FINAL PLAT OF "RED MOUNTAIN COMMERCE CENTER", IN BOOK 694 OF MAPS, PAGE 18, RECORD OF MARICOPA COUNTY, ARIZONA.

**BENCHMARK**

THE BENCHMARK USED FOR THIS SURVEY IS THE CITY OF MESA BENCHMARK LOCATED AT THE NORTHEAST CORNER OF THE INTERSECTION OF HIGLEY ROAD & THOMAS ROAD, BEING A CONCRETE NAIL WITH BRASS TAG IN TOP OF CURB HAVING AN ELEVATION OF 1380.18', NAVD88.

**FLOOD NOTE**

FLOOD ZONE: ZONE X SHADED  
COMMUNITY: CITY OF MESA - 040048

FLOOD MAP: 04013C2280L

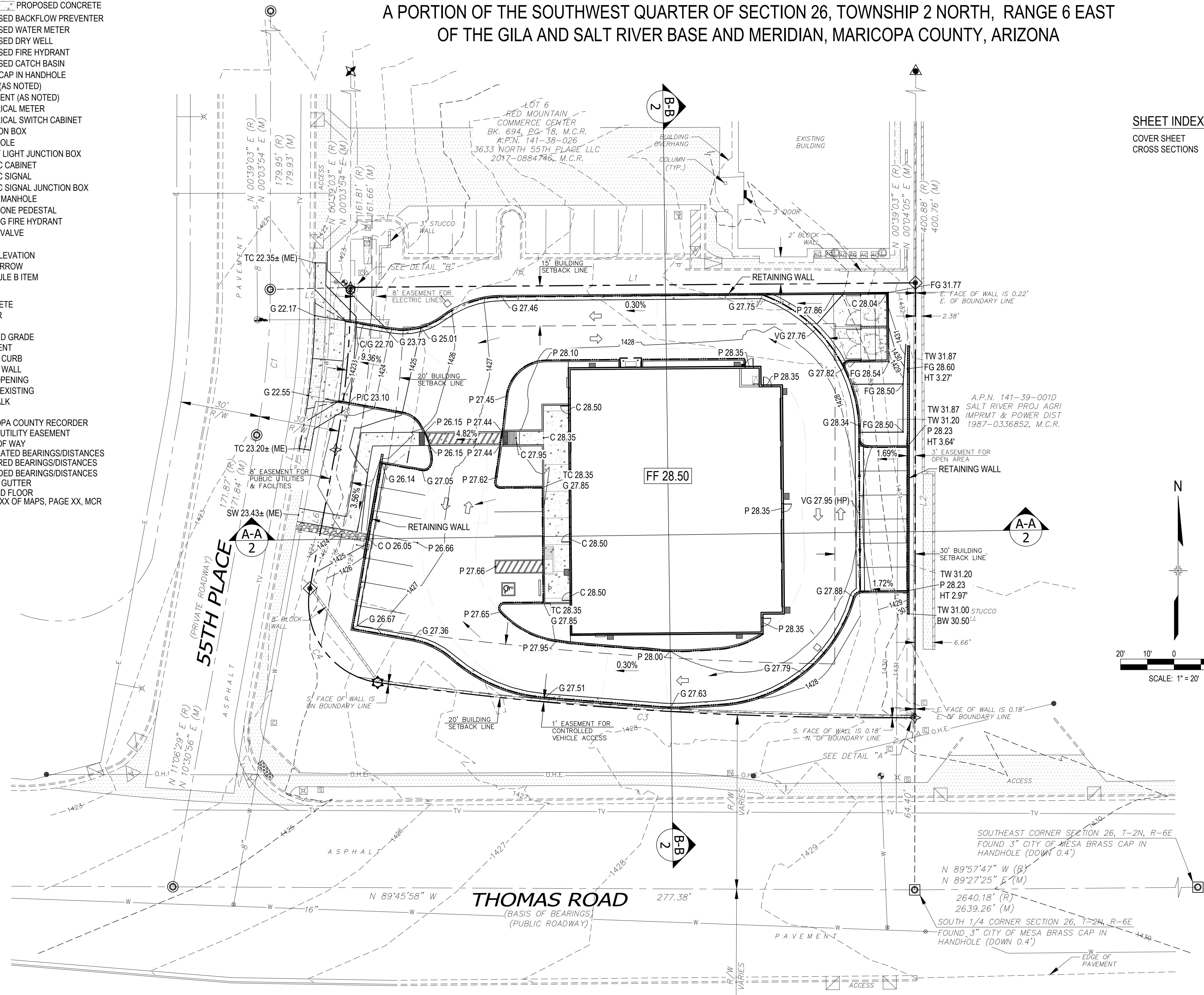
DATED: OCTOBER 16, 2013

ZONE X (SHADED): 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.

PARCEL #: APN 114-38-027

**DRAINAGE NOTE:**

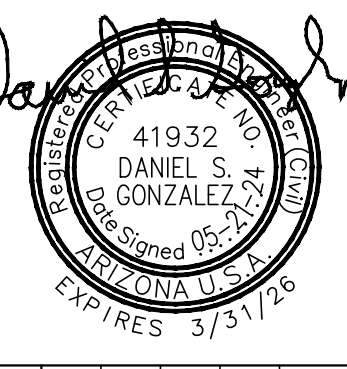
DRAINAGE VOLUME FOR LOT 7 IS ACCOUNTED FOR WITHIN TRACT A OF RED MOUNTAIN COMMERCE CENTER AS RECORDED IN BOOK 694, PAGE 18 MCR. NO RETENTION IS REQUIRED WITHIN LOT 7 AS ALL ONSITE RUNOFF WILL DRAIN TO 55TH PLACE AND THEN INTO TRACT A.



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2131 S. SABRINA  
MESA, ARIZONA 85209  
(480) 577-4984

LOT 7 MESA MIXED USE  
3615 N. 55TH PLACE  
MESA, AZ

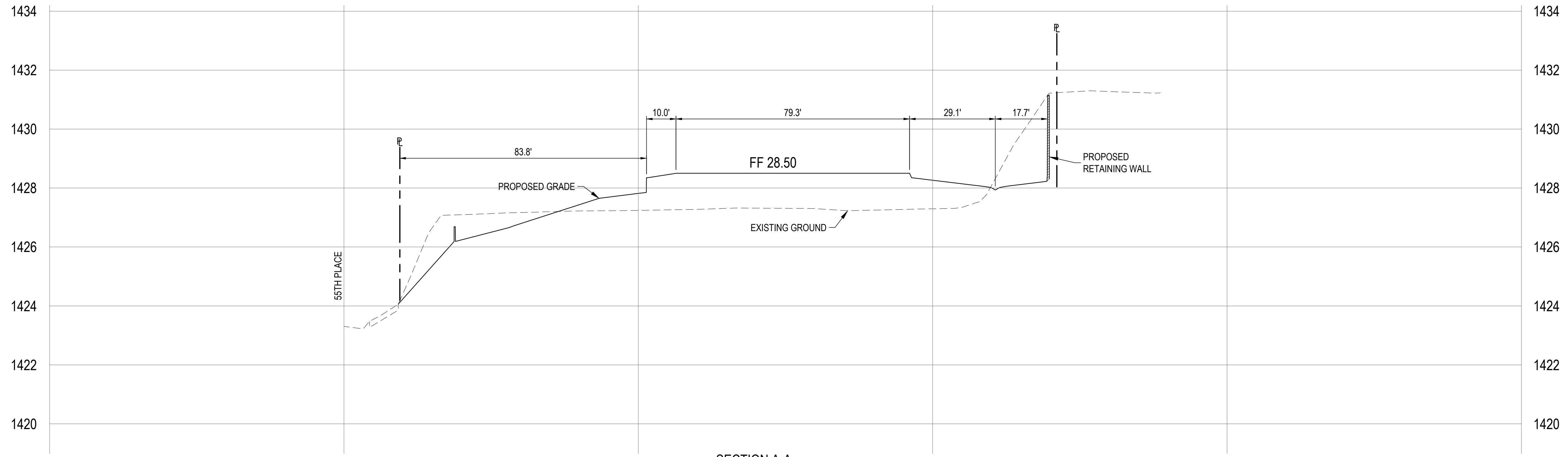
PRELIMINARY  
GRADING AND DRAINAGE PLAN



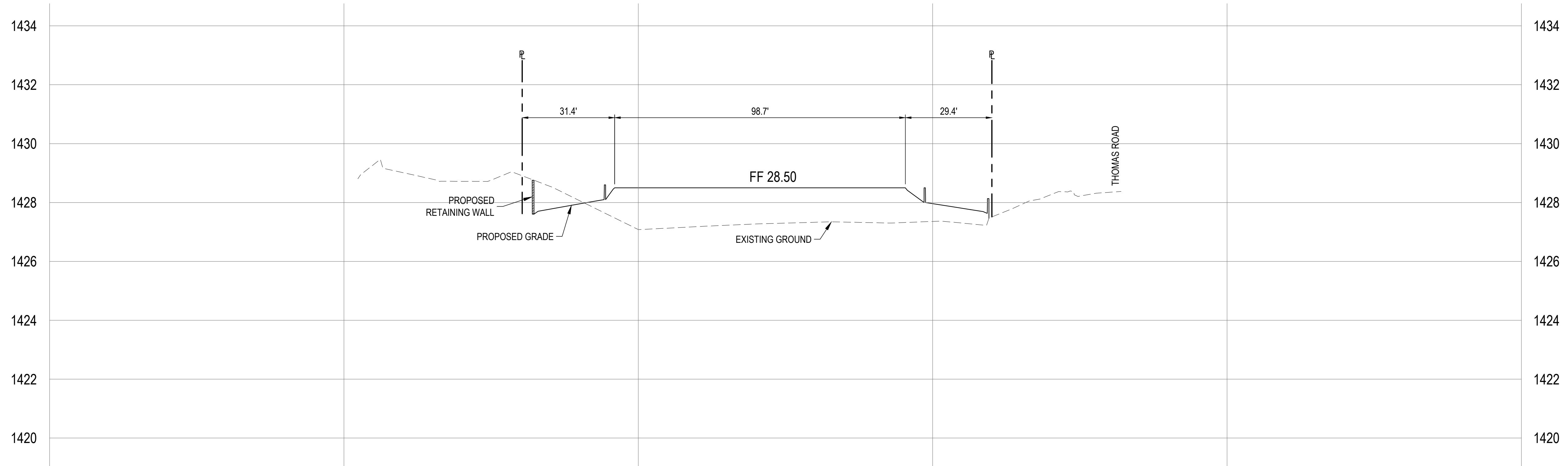
Revision	Description	Date
1	Initial Issue	10/16/2013
2	Revised	10/16/2013

Proj No: 24-027  
 Date: 8/2/24  
 Designed By: VF  
 Drawn By: VF  
 Scale: 1" = 20'  
 Sheet: 1 of 2

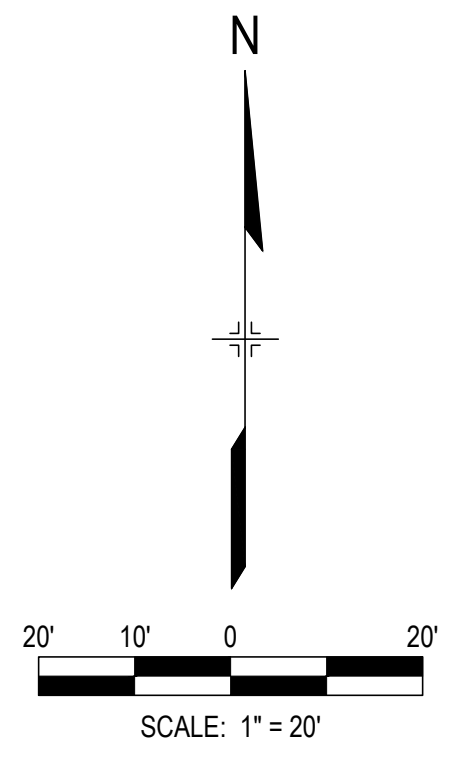
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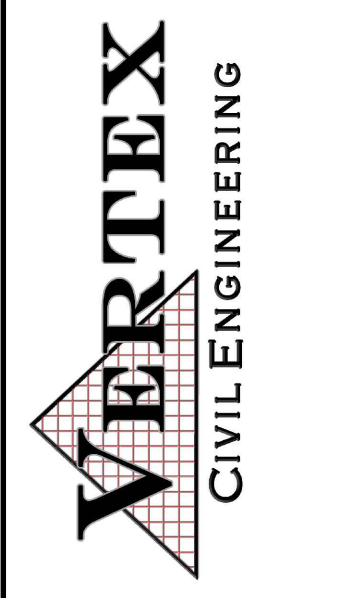
SECTION A-A  
SCALE: 1" = 20' H  
1" = 2' V



SECTION B-B  
SCALE: 1" = 20' H  
1" = 2' V



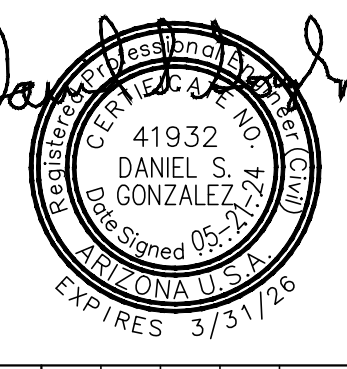
Call at least two full working days before you begin excavation.  
**ARIZONA 811**  
Know Blue State.  
Dial 8-1-1 or 1-800-874-6877 (782-5348)  
in Maricopa County: (602) 954-1100



VERTEX CIVIL ENGINEERING, LLC  
121 S. COOPER  
MESA, ARIZONA 85209  
(480) 577-4984

LOT 7 MESA MIXED USE  
3615 N. 55TH PLACE  
MESA, AZ

CROSS SECTIONS



Proj No:	24-027
Date:	8/2/24
Designed By:	VF
Drawn By:	VF
Scale:	1" = 20'
Sheet:	2 of 2