

J:\2020 JOBS\220101 - CASA RAMOS\CAD FILES\SHEETS\PRELIMINARY\220101-PGD01.DWG DATE: 3/8/21

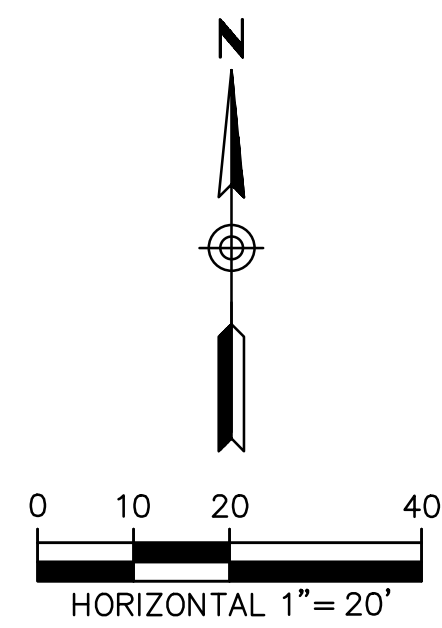
PRELIMINARY GRADING AND DRAINAGE PLAN FOR CASA RAMOS

SCALE: 1" = 20'

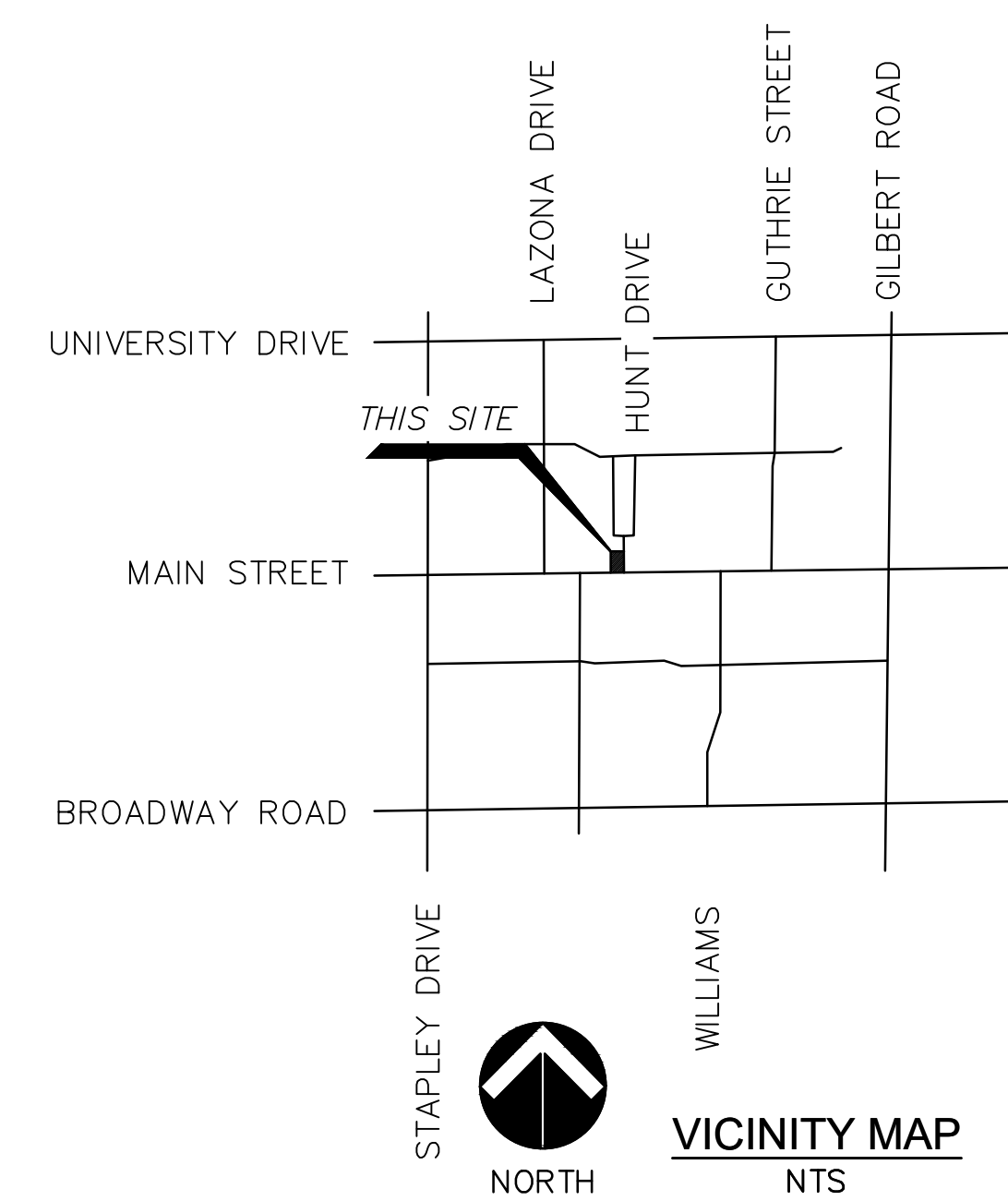
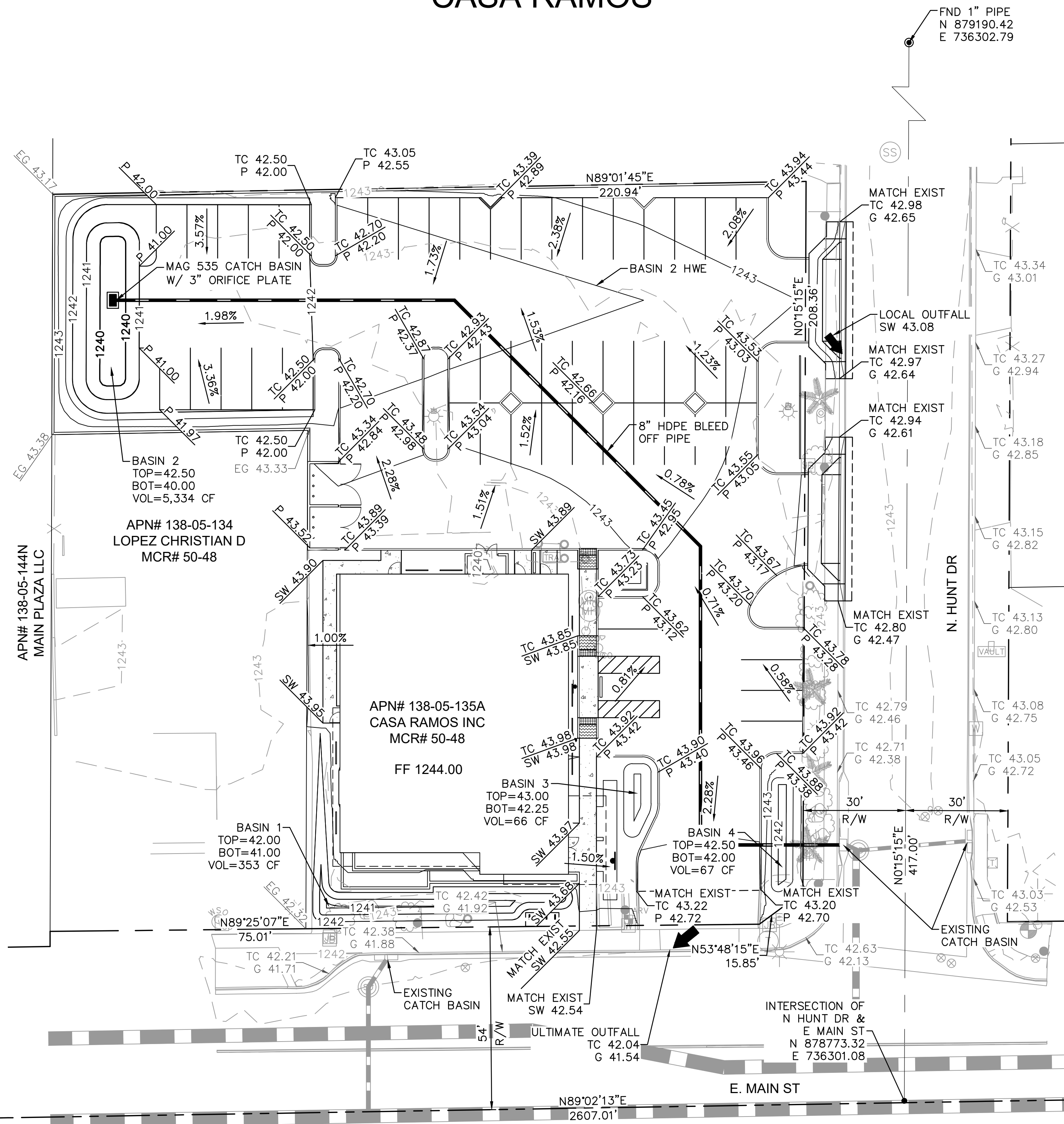


BENCHMARK:
ELEVATION= (C.O.M. DATUM)

LEGEND	
1040	PROPOSED CONTOUR LINE
1040	EXISTING CONTOUR LINE
→	FLOW ARROW
FG XX.XX	PROPOSED FINISHED GRADE ELEVATION
EG XX.XX	EXISTING GROUND ELEVATION
---	PROPERTY LINE
---	EASEMENT/BUILDING SETBACK LINE
---	SECTION LINE
---	RIGHT OF WAY
OHE	EXISTING OVERHEAD ELECTRIC
X-X	EXISTING FENCE
W	EXISTING WATER LINE
S	EXISTING SEWER LINE
UGE	EXISTING UNDERGROUND ELECTRIC
T	EXISTING STORM DRAIN
T	EXISTING TELEPHONE SERVICE
G	EXISTING GAS LINE
↗	SITE EMERGENCY OUTFALL
W	EXISTING WATER METER
SS	EXISTING SEWER MANHOLE
SD	EXISTING STORM DRAIN MANHOLE
⊗	EXISTING FIRE HYDRANT
⊗	EXISTING WATER VALVE
⊕	EXISTING PEDESTAL
⊕	EXISTING POWER POLE
⊕	EXISTING SIGN
⊕	EXISTING OVERHEAD LIGHT



INTERSECTION OF
E MAIN ST &
N STAPLEY DR
N 878735.69
E 734095.29



OWNER/DEVELOPER:

CASA RAMOS INC.
ATTN: KENNY RAMOS
1849 HWY 260
HEBER, ARIZONA 85928
PHONE: 928-242-1373
CASARAMOSHEBER@GMAIL.COM

ENGINEER:

RITTOCH-POWELL & ASSOCIATES
ATTN: JOHN CATT, PE
63 E. MAIN ST. STE 502
MESA, AZ 85201
PHONE: 480-225-9169
JCATT@RPAENG.COM

PROJECT DESCRIPTION

DEVELOPMENT OF A PREVIOUSLY DAMAGED
(FIRE) RESTAURANT WITH PARKING.

RETENTION CALCULATION:

THIS SITE HAS BEEN DESIGNED TO RETAIN THE
100-YR, 2-HR STORM EVENT:

$$V_R = C \frac{P}{12} A = 5,393 \text{ CF}$$

$$C = 0.81$$

$$P = 2.16"$$

$$A = 36,875 \text{ SF}$$

$$V_p = 5,821 \text{ CF}$$

FLOODPLAIN STATEMENT:

PER FEMA FLOOD INSURANCE RATE MAP NO.
04013C2270M, DATED NOVEMBER 4, 2015, THE
SUBJECT PROPERTY IS LOCATED IN ZONE X.
ZONE X IS DESCRIBED AS: AREAS OF 0.2%
ANNUAL CHANCE OF FLOOD; AREAS OF 1%
ANNUAL CHANCE FLOOD WITH 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.

PRELIMINARY
NOT FOR
CONSTRUCTION

CITY OF MESA
ENGINEERING DEPARTMENT

CASA RAMOS

PRELIMINARY GRADING &
DRAINAGE PLAN

DRAWING
PGD01

DRAWN BY: ZT
ENGINEER: GV
APPROVED BY: JC

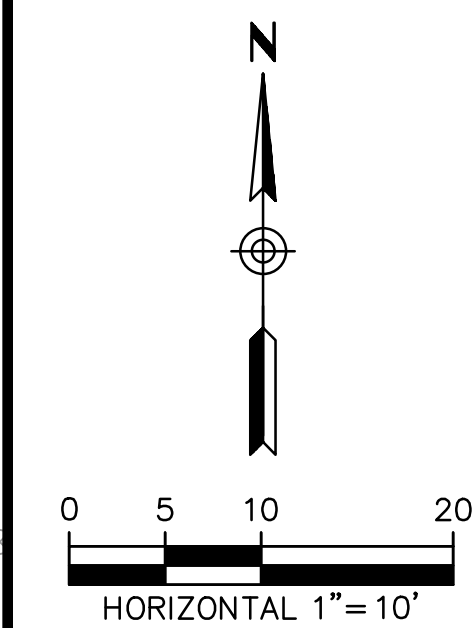
DATE: 03/08/2021
PROJ. NO.: XXXX

SHEET
1 OF 2

CATALOG NUMBER:

BENCHMARK:

ELEVATION= (C.O.M. DATUM)



CATALOG NUMBER: