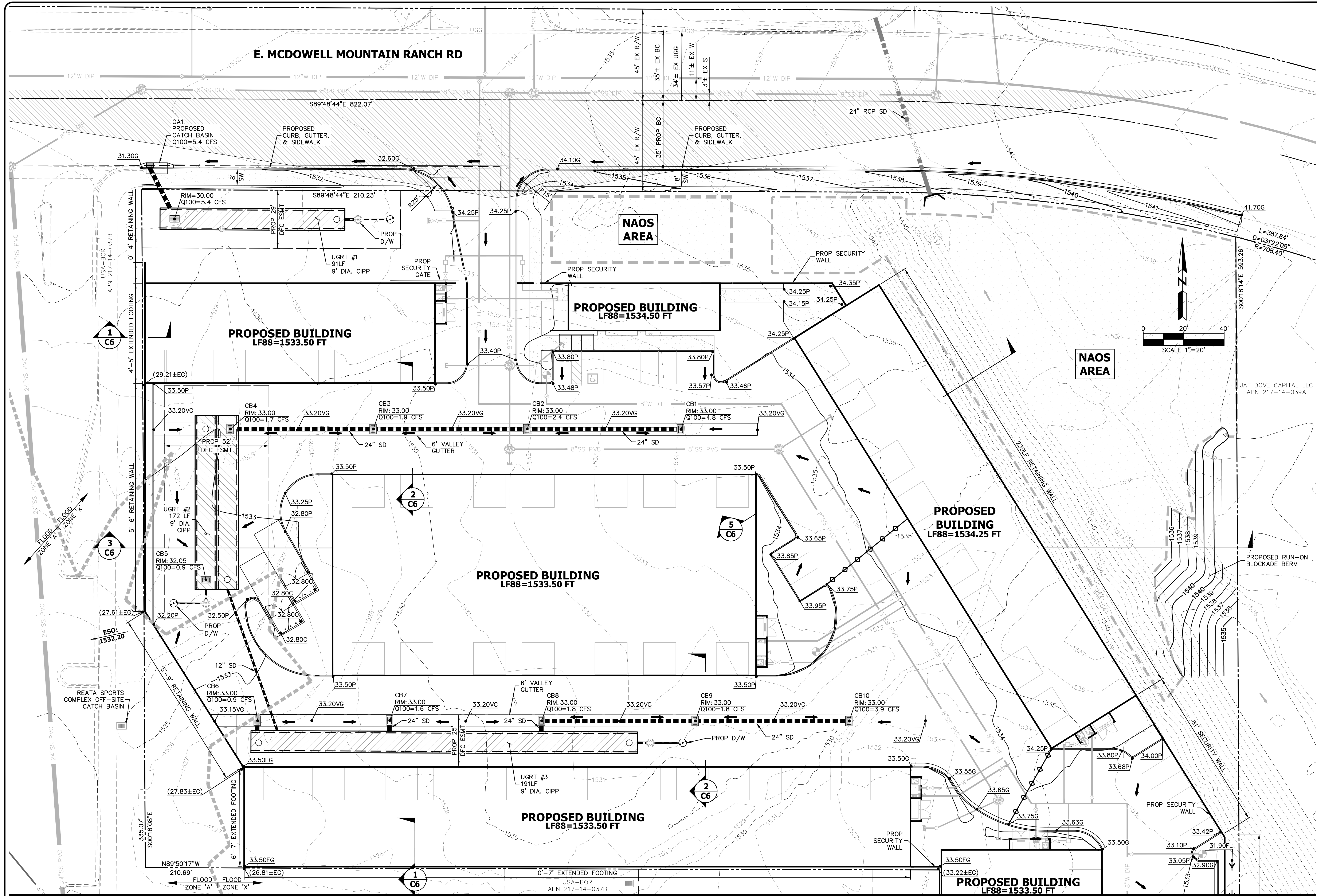


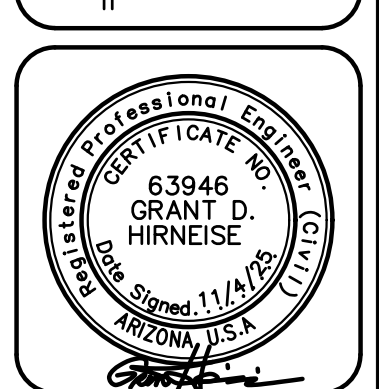


NO.	DATE	REVISION	BY

PURPOSE:
4TH DR SUBMITTAL

DESIGN BY: GH
DRAWN BY: DS
CHECKED BY: BL

CIVIL AND SURVEY
HUNTER
ENGINEERING
10446 NORTH 74TH STREET
SUITE 140
SCOTTSDALE, AZ 85258
P 480 991 3985



**CONCEPTUAL GRADING & DRAINAGE
FOR
COLLECTOR'S GARAGES AT WESTWORLD
9909 E. MCDOWELL MOUNTAIN RANCH ROAD
SCOTTSDALE, ARIZONA**

AR ZONAB11
CALL 811 OR CLICK ARZONAB11.COM
CONTACT ARIZONA 811 AT LEAST 2 FULL
WORKING DAYS BEFORE YOU BEGIN EXCAVATION

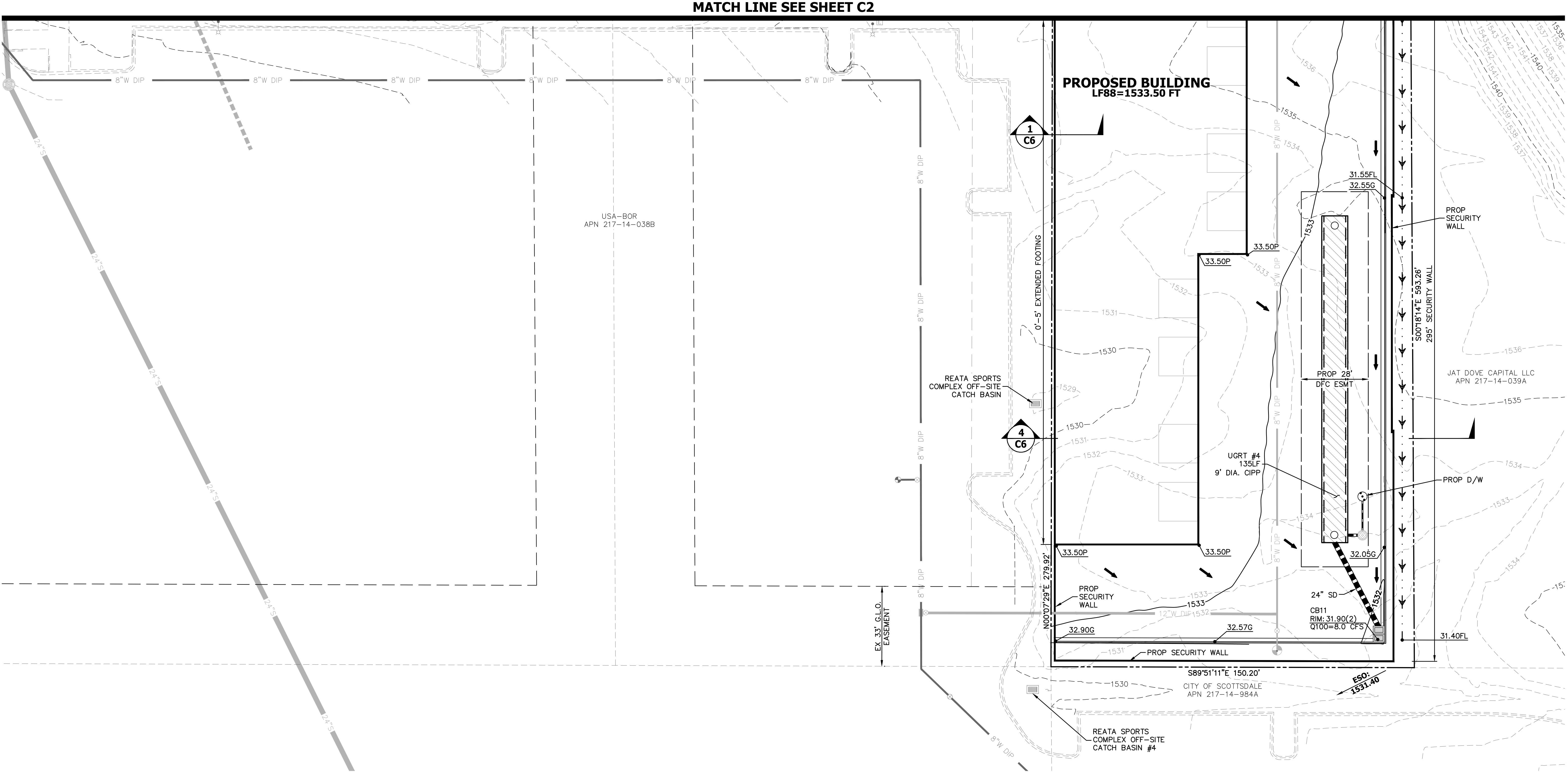
THESE PLANS ARE
NOT APPROVED FOR
CONSTRUCTION
WITHOUT AN
APPROVED SIGNATURE
FROM THE GOVERNING
MUNICIPALITY.

PROJECT NAME:
COLLECTOR'S
GARAGES
WESTWORLD

HE NO.: LGEC324
SCALE: 1"=20'

SHEET:
C2

MATCH LINE SEE SHEET C3



NO.	DATE	REVISION	BY

DESIGN BY: GH
DRAWN BY: DS
CHECKED BY: BL

HUNTER
ENGINEERING
10446 NORTH 74TH STREET
SUITE 140
SCOTTSDALE, AZ 85258
P 480 991 3985

CIVIL AND SURVEY



**CONCEPTUAL GRADING & DRAINAGE
FOR
COLLECTOR'S GARAGES AT WESTWORLD
9909 E. MCDOWELL MOUNTAIN RANCH ROAD
SCOTTSDALE, ARIZONA**

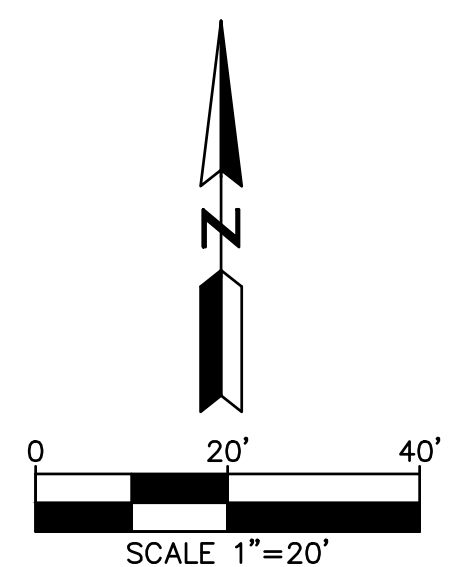


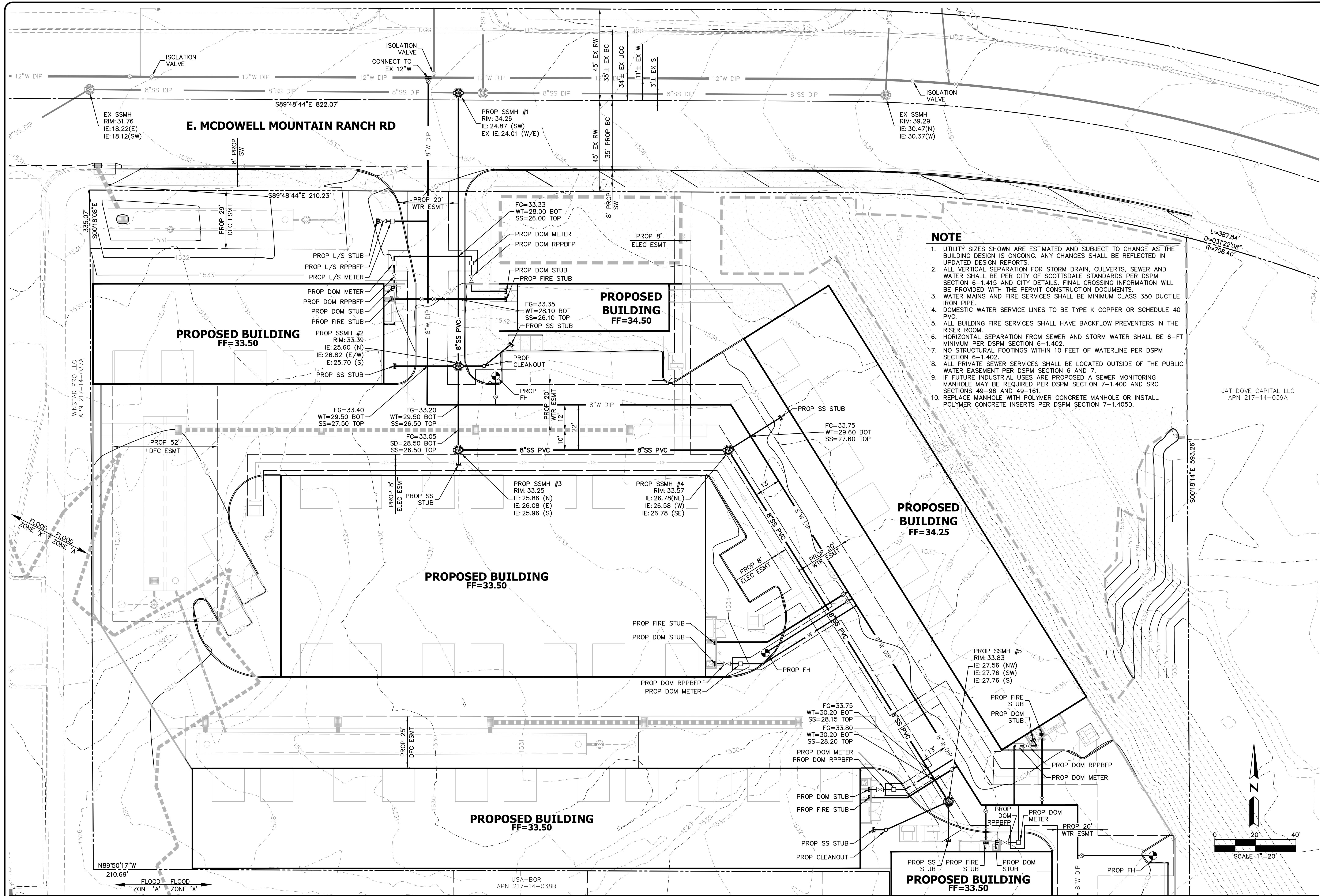
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PROJECT NAME:
COLLECTOR'S
GARAGES
WESTWORLD

HE NO.: LGEC324
SCALE: 1"=20'

SHEET:
C3





- NOTE**
1. UTILITY SIZES SHOWN ARE ESTIMATED AND SUBJECT TO CHANGE AS THE BUILDING DESIGN IS ONGOING. ANY CHANGES SHALL BE REFLECTED IN UPDATED DESIGN REPORTS.
 2. ALL VERTICAL SEPARATION FOR STORM DRAIN, CULVERTS, SEWER AND WATER SHALL BE PER CITY OF SCOTTSDALE STANDARDS PER DSPM SECTION 6-1.415 AND CITY DETAILS. FINAL CROSSING INFORMATION WILL BE PROVIDED WITH THE PERMIT CONSTRUCTION DOCUMENTS.
 3. WATER MAINS AND FIRE SERVICES SHALL BE MINIMUM CLASS 350 DUCTILE IRON PIPE.
 4. DOMESTIC WATER SERVICE LINES TO BE TYPE K COPPER OR SCHEDULE 40 PVC.
 5. ALL BUILDING FIRE SERVICES SHALL HAVE BACKFLOW PREVENTERS IN THE RISER ROOM.
 6. HORIZONTAL SEPARATION FROM SEWER AND STORM WATER SHALL BE 6-FT MINIMUM PER DSPM SECTION 6-1.402.
 7. NO STRUCTURAL FOOTINGS WITHIN 10 FEET OF WATERLINE PER DSPM SECTION 6-1.402.
 8. ALL PRIVATE SEWER SERVICES SHALL BE LOCATED OUTSIDE OF THE PUBLIC WATER EASEMENT PER DSPM SECTION 6 AND 7.
 9. IF FUTURE INDUSTRIAL USES ARE PROPOSED A SEWER MONITORING MANHOLE MAY BE REQUIRED PER DSPM SECTION 7-1.400 AND SRC SECTIONS 49-96 AND 49-161.
 10. REPLACE MANHOLE WITH POLYMER CONCRETE MANHOLE OR INSTALL POLYMER CONCRETE INSERTS PER DSPM SECTION 7-1.405D.

NO.	DATE	REVISION	BY

PURPOSE:
4TH DR SUBMITTAL

DESIGN BY: GH
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HUNTER
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SUITE 140
SCOTTSDALE, AZ 85258
P 480 991 3985



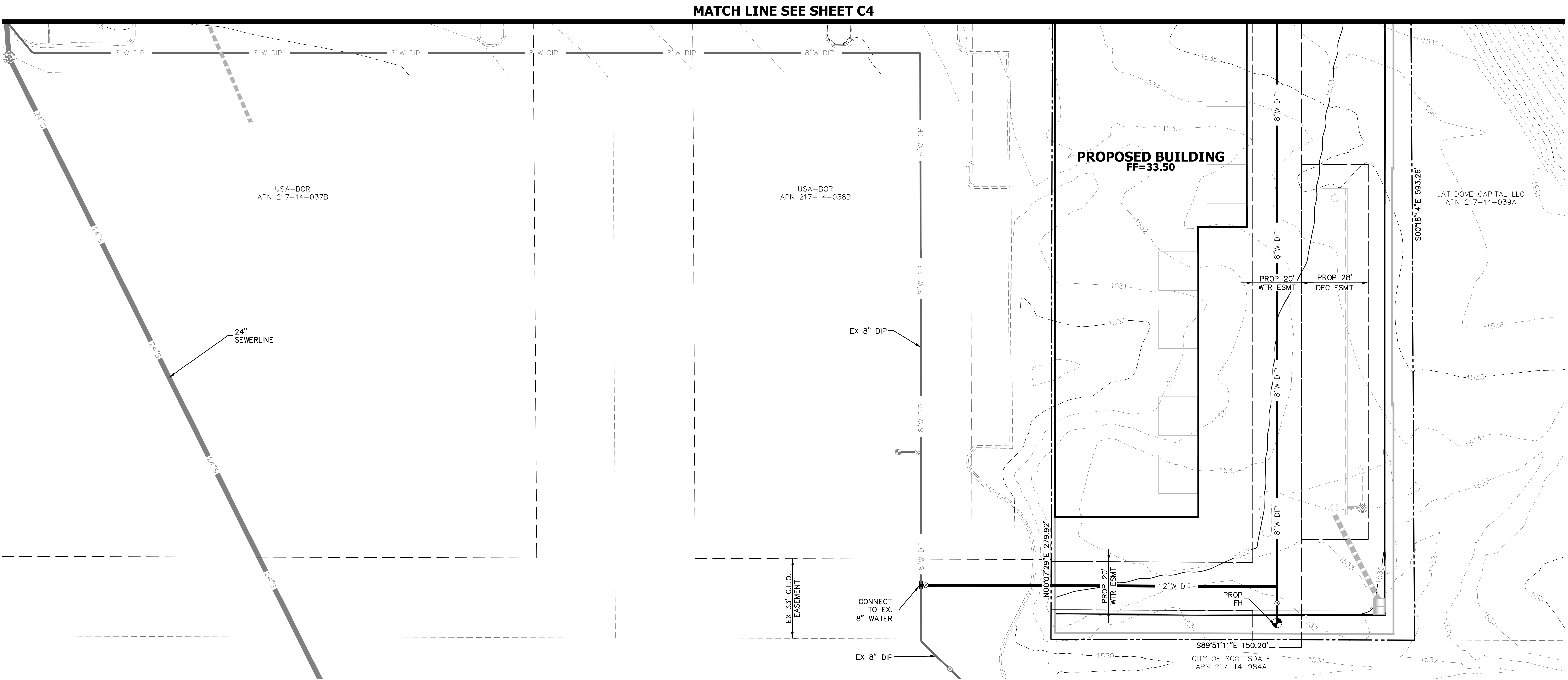
CONCEPTUAL UTILITY PLAN
FOR
COLLECTOR'S GARAGES AT WESTWORLD
9909 E. MCDOWELL MOUNTAIN RANCH ROAD
SCOTTSDALE, ARIZONA

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CALL 811 OR CLICK ARIZONA811.COM

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MUNICIPALITY.

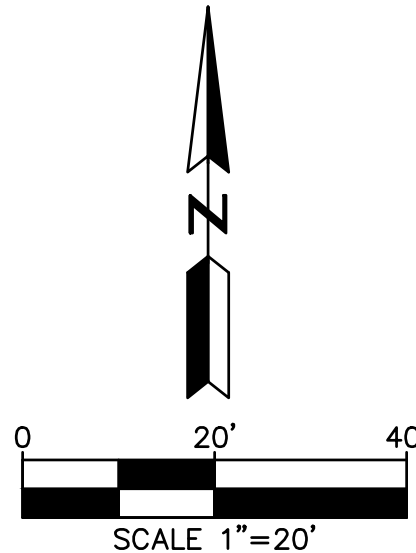
PROJECT NAME:
COLLECTOR'S
GARAGES
WESTWORLD
HE NO.: LGEC324
SCALE: 1"=20'

SHEET:
C4



NOTE

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10. REPLACE MANHOLE WITH POLYMER CONCRETE MANHOLE OR INSTALL POLYMER CONCRETE INSERTS PER DSPM SECTION 7-1.405D.



NO.	DATE	REVISION	BY

DESIGN BY: GH
DRAWN BY: DS
CHECKED BY: BL

HUNTER
ENGINEERING
10446 NORTH 74TH STREET
SUITE 140
SCOTTSDALE, AZ 85258
P 480 991 3985

CIVIL AND SURVEY



**CONCEPTUAL UTILITY PLAN
FOR
COLLECTOR'S GARAGES AT WESTWORLD
9909 E. MCDOWELL MOUNTAIN RANCH ROAD
SCOTTSDALE, ARIZONA**

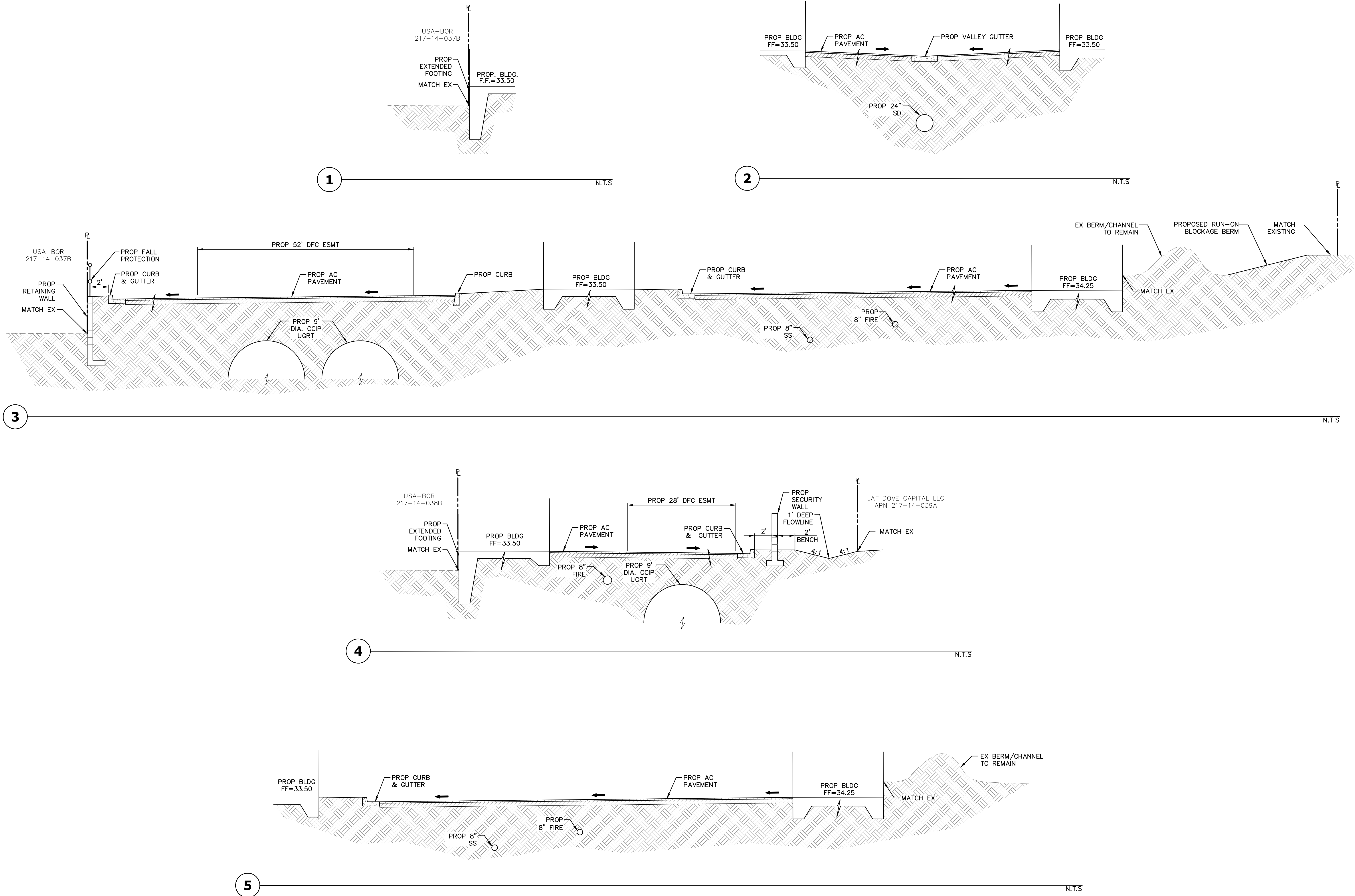


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PROJECT NAME:
COLLECTOR'S GARAGES WESTWORLD

HE NO.: LGEC324
SCALE: 1"=20'

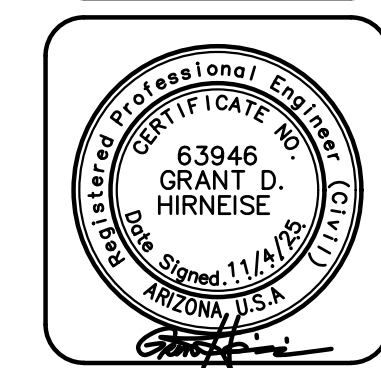
SHEET:
C5



NO.	DATE	REVISION	BY

DESIGN BY: GH
DRAWN BY: DS
CHECKED BY: BL

HUNTER
ENGINEERING
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P 480 991 3985



**CONCEPTUAL TYPICAL SECTIONS
FOR
COLLECTOR'S GARAGES AT WESTWORLD
9909 E. MCDOWELL MOUNTAIN RANCH ROAD
SCOTTSDALE, ARIZONA**



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MUNICIPALITY.

**PROJECT NAME:
COLLECTOR'S
GARAGES
WESTWORLD**

HE NO.: LGE0324
SCALE: NTS

SHEET:
C6