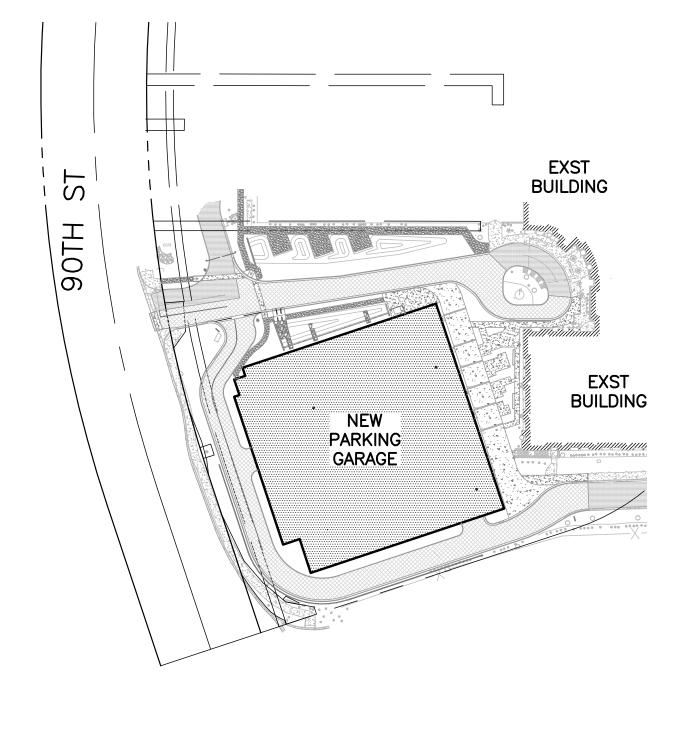
CIVIL IMPROVEMENTS

APN 217-36-021A 9003 E SHEA BLVD **SCOTTSDALE, ARIZONA 85258** A PORTION OF SECTION 30, TOWNSHIP 3 NORTH, RANGE E EAST MARICOPA COUNTY, ARIZONA.



SHEET	INDEX
C1.0	COVER
C1.1	NOTES & LEGEND
C1.2	CITY NOTES
C2.1	DEMOLITION PLAN
C3.1	CIVIL SITE PLAN
C4.1	GRADING & DRAINAGE PLAN

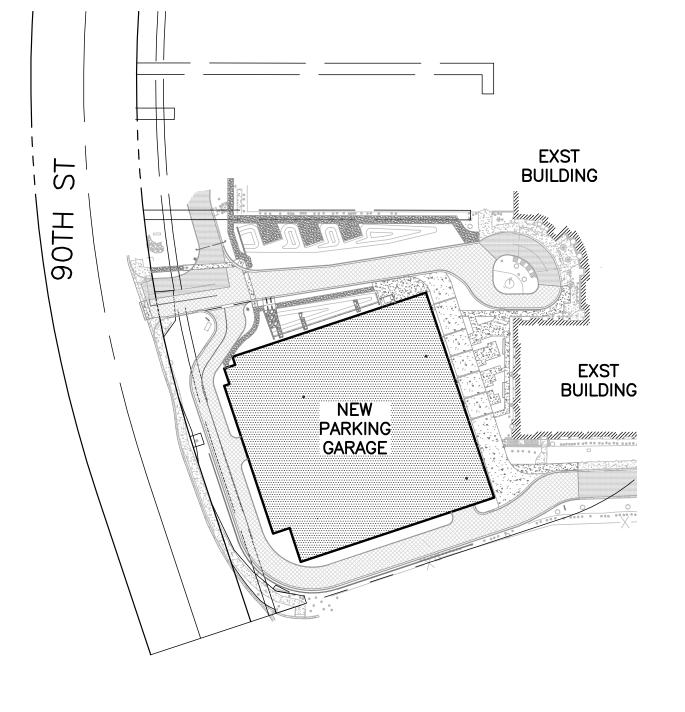
THIS SITE IS NOT IN A SPECIAL FLOOR HAZARD AREA. WILL NOT IMPACT THE EXISTING DRAINAGE PATTERNS OR INCREASE SITE RUN-OFF. THE SITE OUTFALLS TO 90TH STREET AT AN ELEVATION OF 1362.50.

EARTHWORK

285 CUT 144 FILL 141 NET (EXPORT)

NOTE: CONTRACTOR TO CONDUCT INDEPENDENT EARTHWORK CALCULATIONS.

HONOR HEALTH SHEA GARAGE



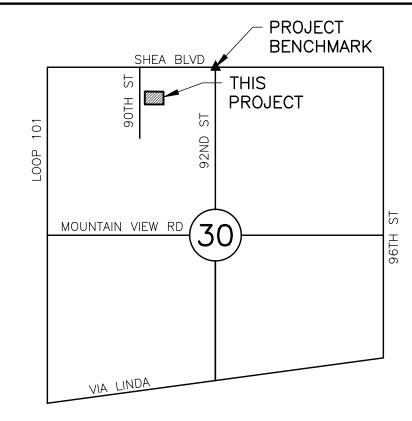
LOCATION MAP

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C1.0	COVER		
21.1	NOTES & LEGEND		
01.2	CITY NOTES		
02.1	DEMOLITION PLAN		
23.1	CIVIL SITE PLAN		
C4.1	GRADING & DRAINAGE PLAN		
C5.1	UTILITY PLAN		
C6.1	DETAILS		

DRAINAGE STATEMENT

OFFSITE FLOWS DO NOT AFFECT THIS SITE. THIS PROJECT



VICINITY MAP

T3N, R5E, SEC 30, NW 1/4

CONTACT INFORMATION

SCOTTSDALE MEMORIAL HEALTH SYSTEMS INC HONOR HEALTH 9003 E SHEA BLVD SCOTTSDALE, AZ 85258 PHONE: 317.727.9776 CONTACT: JULIE WALKER EMAIL: JUWALKER@HONORHEALTH.COM

GENERAL CONTRACTOR PHOENIX, AZ 85018 PHONE: 602.833.6050 CONTACT: WAYNE EINBINDER EMAIL: EINBINDERW@CLAYCORP.COM

LANDSCAPE ARCHITECT COLLECTIV 1426 N 2ND STREET, SUITE 200 PHOENIX, AZ 85004 PHONE: 602.358.7711 EXT. 106 CONTACT: JIM SMITH EMAIL: JIMS@COLLECTIVLA.COM

CIVIL ENGINEER 4300 E CAMELBACK ROAD, SUITE 300 3020 E CAMELBACK RD, SUITE 201 PHOENIX, AZ 85016 PHONE: 602.957.1155 CONTACT: ADRIAN CARVAJAL P.E.

> LAMAR JOHNSON COLLABORATIVE 4300 E CAMELBACK ROAD, SUITE 300 PHOENIX, AZ 85018 PHONE: 602.833.6075 CONTACT: FATIMA GARCIA EMAIL: GARCIAF@THELJC.COM

EMAIL: ADRIAN.CARVAJAL@DIBBLECORP.COM

LEGAL DESCRIPTION

LOT 3A OF McCORMICK RANCH CENTER - II SUBDIVISION AS RECORDED IN BOOK 196 OF MAPS, PAGE 04, RECORDS OF MARICOPA, COUNTY, ARIZONA.

PROJECT DESCRIPTION

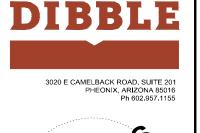
THIS PROJECT INCLUDES A NEW PARKING GARAGE STRUCTURE WITH ASSOCIATED HARDSCAPE IMPROVEMENTS. SCOPE OF WORK TO INCLUDE REMOVING EXISTING COVERED PARKING SPACES. EXISTING PAVEMENT. EXISTING CURBS. EXISTING SIGNAGE AND EXISTING ELECTRICAL. THE CONSTRUCTION OF NEW PARKING GARAGE, NEW CURBS, NEW PAVEMENT, AND NEW SIGNAGE.

PROJECT AREA

TOTAL SITE AREA 188,382 SF (4.33 ACRES) TOTAL DISTURBED AREA 112,932 SF (2.59 ACRES)(APPROX)

CIVIL APPROVAL					
REVIEW & RECOMMENDED APPROVAL BY:					
PAVING		TRAFFIC			
G&D		PLANNING			
W&S		FIRE			
RET. WALLS					
ENGINE	ERING COORDINATION MG	GR.	DATE		

Lamar Johnson Collaborative 7





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DRAWING ISSUE

NO

DESCRIPTION SCHEMATIC DESIGN DESIGN DEVELOPMENT

COVER

C1.0

Job# 008229

Copyright C Lamar Johnson Collaborative

THIS SUBMITTAL.

SIGNATURE

ELECTRIC

TELEPHONE

CABLE TV

TELEPHONE

ENGINEER'S CERTIFICATION

NATURAL GAS

PROJECT BENCHMARK

 $\overline{\text{PUBLISHED ELEVATION}} = 13\dot{7}2.241$

VERTICAL DATUM: CITY OF SCOTTSDALE NAVD '88

BENCHMARK CERTIFICATION

REGISTERED ENGINEER/LAND SURVEYOR

PANEL DATE

04013C1760L

ENGINEER'S FEMA CERTIFICATION

CHAPTER 37 - FLOODPLAIN AND STORM WATER REGULATION.

10/16/2013

AS-BUILT CERTIFICATION

REGISTERED ENGINEER/LAND SURVEYOR

UTILITY COMPANY

CENTURY LINK

SOUTHWEST GAS

COX

COMMUNICATIONS

MY KNOWLEDGE AND BELIEF.

REGISTRATION NUMBER

NORTHING = 939621.5361

EASTING = 710456.71

REGISTRATION NUMBER

COMMUNITY PANEL #

NUMBER

045012

▲ FOUND CITY OF SCOTTSDALE PUBLISHED BENCHMARK DESCRIBED AS:

BCHHCOS AT THE INTERSECTION OF SHEA BOULEVARD AND 92ND STREET.

HORIZONTAL DATUM: NAD83 (2011 EPOCH) ARIZONA CENTRAL ZONE, GROUND

I HEREBY CERTIFY THAT ALL ELEVATIONS REPRESENTED ON THIS PLAN ARE BASED ON

DATE

FIRM ZONE BASE FLOOD ELEVATION

(IN AO ZONE USE DEPTH)

N/A

DATE SENT

NAVD 1988 AND MEET THE FEMA BENCHMARK MAINTENANCE (BMM) CRITERIA.

FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

DATE)

FIRM (INDEX

05/24/2022

THE LOWEST FLOOR ELEVATION(S) AND/OR FLOOD PROOFING ELEVATION(S) ON THIS PLAN ARE SUFFICIENTLY HIGH TO PROVIDE PROTECTION FROM FLOODING CAUSED BY A 100-YEAR STORM, AND ARE IN ACCORDANCE WITH SCOTTSDALE REVISED CODE,

I HEREBY CERTIFY THAT THE "RECORD DRAWING" MEASUREMENTS AS SHOWN HEREON

WERE MADE UNDER MY SUPERVISION OR AS NOTED AND ARE CORRECT TO THE BEST OF

NO CONFLICT SIGNATURE BLOCK

REPRESENTATIVE

ESTHER MEDINA

ZACH STEVENSON

UTILITY ADMIN

DEVELOPMENT, HEREBY CERTIFY THAT ALL UTILITY COMPANIES LISTED ABOVE HAVE BEEN PROVIDED FINAL DEVELOPMENT PLANS FOR REVIEW, AND THAT ALL CONFLICTS

IDENTIFIED BY THE UTILITIES HAVE BEEN RESOLVED. IN ADDITION,"NO CONFLICT" FORMS HAVE BEEN OBTAINED FROM EACH UTILITY COMPANY AND ARE INCLUDED IN

NAME OF COMPANY | TELEPHONE

BEATRICE SAUCEDA | 623.975.5757

TANYA HERNANDEZ | 619.200.7896

_ , AS ENGINEER OF RECORD FOR THIS

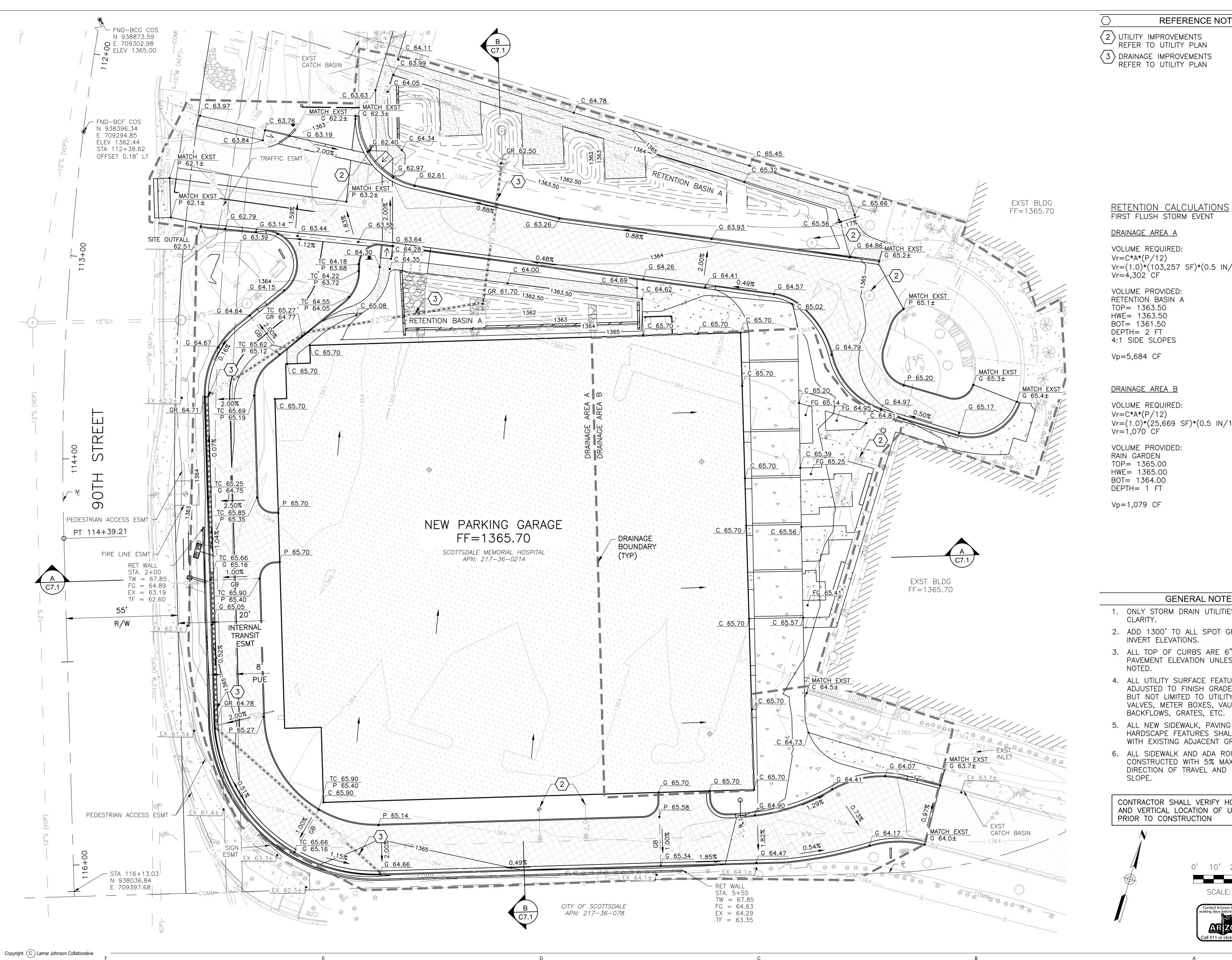
NUMBER

480.423.4763

480.730.3855

623.328.3514

SUFFIX DATE OF



Lamar Johnson

4300 EAST CAMELBACK STE 300 PHOENIX, AZ 85018 Ph 602.833.6050

Collaborative 7

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3020 E CAMELBACK ROAD, SUITE 201 PHEONIX, ARIZONA 85016 Ph 602.957.1155

DRAINAGE AREA A

VOLUME REQUIRED: Vr=C*A*(P/12)Vr=(1.0)*(103,257 SF)*(0.5 IN/12) Vr=4,302 CF

REFERENCE NOTES

VOLUME PROVIDED: RETENTION BASIN A TOP= 1363.50 HWE= 1363.50 BOT= 1361.50 DEPTH= 2 FT 4:1 SIDE SLOPES

Vp=5,684 CF

DRAINAGE AREA B

VOLUME REQUIRED: Vr = C*A*(P/12)Vr=(1.0)*(25,669 SF)*(0.5 IN/12) Vr=1,070 CF

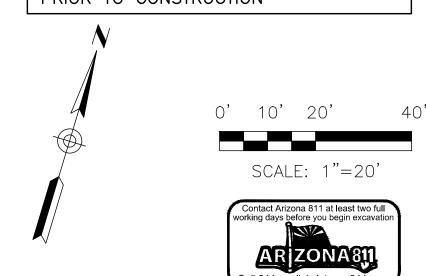
VOLUME PROVIDED: RAIN GARDEN TOP= 1365.00 HWE= 1365.00 BOT= 1364.00 DEPTH= 1 FT

Vp=1,079 CF

GENERAL NOTES

- 1. ONLY STORM DRAIN UTILITIES SHOWN FOR CLARITY.
- 2. ADD 1300' TO ALL SPOT GRADES & INVERT ELEVATIONS.
- 3. ALL TOP OF CURBS ARE 6" ABOVE PAVEMENT ELEVATION UNLESS OTHERWISE NOTED.
- 4. ALL UTILITY SURFACE FEATURES SHALL BE ADJUSTED TO FINISH GRADE INCLUDING BUT NOT LIMITED TO UTILITY BOXES, VALVES, METER BOXES, VAULTS, MANHOLES, BACKFLOWS, GRATES, ETC.
- 5. ALL NEW SIDEWALK, PAVING AND OTHER HARDSCAPE FEATURES SHALL MATCH IN WITH EXISTING ADJACENT GRADES.
- 6. ALL SIDEWALK AND ADA ROUTES SHALL BE CONSTRUCTED WITH 5% MAX SLOPE IN THE DIRECTION OF TRAVEL AND 2% MAX CROSS SLOPE.

CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF UTILITIES PRIOR TO CONSTRUCTION



DRAWING ISSUE SCHEMATIC DESIGN DESIGN DEVELOPMENT BUILDING MAP

DRAWING TITLE GRADING & DRAINAGE PLAN

DRAWING NO. C4.1

Job# 008229