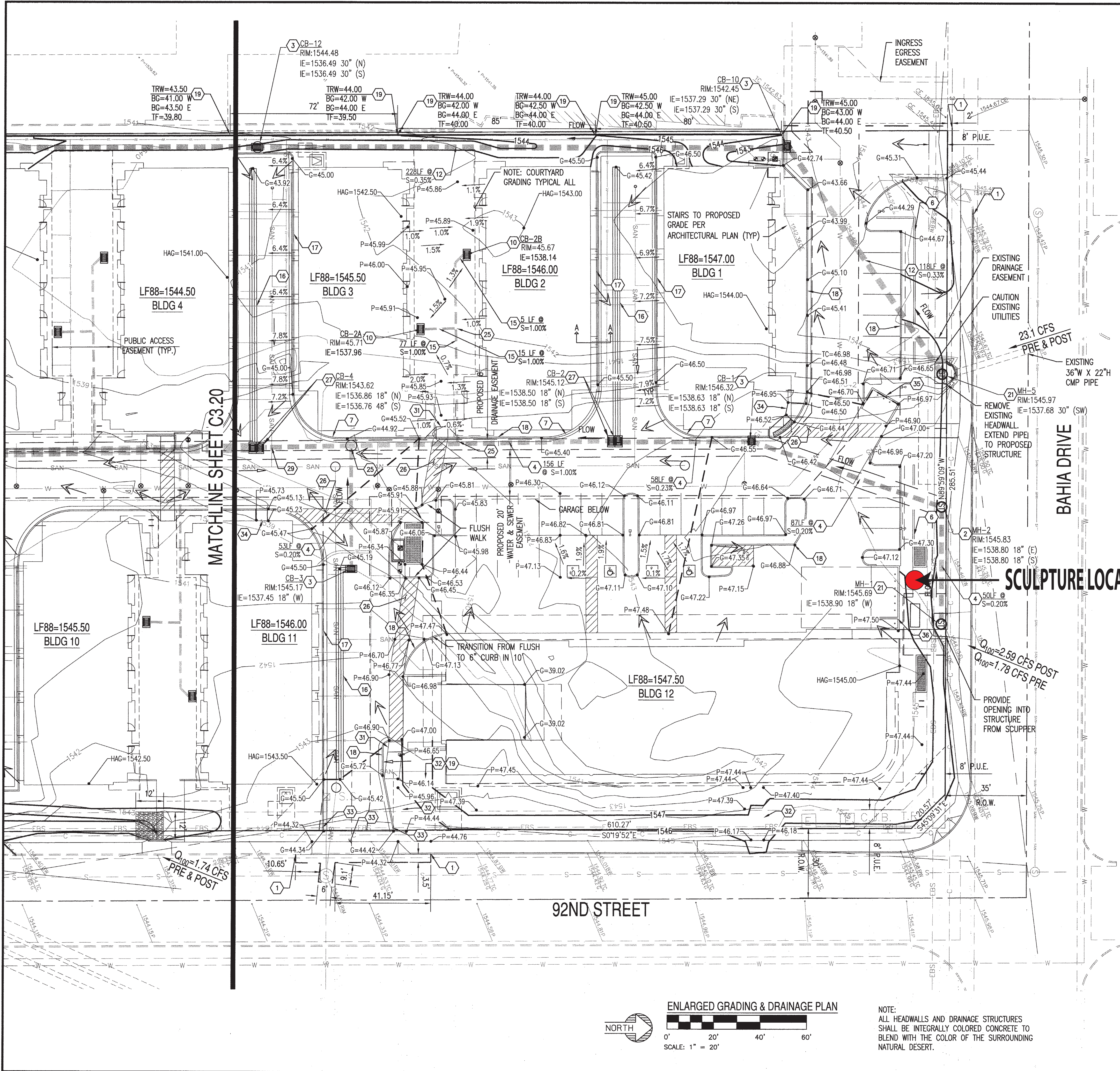




CONSTRUCTION NOTES

- MATCH EXISTING GRADE; CONTRACTOR TO VERIFY IN FIELD ALL GRADES PRIOR TO CONSTRUCTION ACTIVITIES AND TO CONTACT ENGINEER IN CASE OF ANY DISCREPANCIES.
- FURNISH AND INSTALL 48" STORM DRAIN MANHOLE PER MAG STD DET 520 & 522. MANHOLE FRAME AND COVER PER MAG STD DET 423 & 424. MANHOLE COVER SHALL READ "STORMWATER".
- FURNISH AND INSTALL SINGLE GRATE CATCH BASIN PER MAG STD DET 535.
- FURNISH AND INSTALL 18" CMP PIPE. LENGTH & SLOPE PER PLAN.
- FURNISH AND INSTALL 24" CMP PIPE. LENGTH & SLOPE PER PLAN.
- 3' SCREEN WALL. REFER TO ARCHITECTURAL SHEET A004 DETAIL 3.
- TRANSITION FROM TYPE "A" CURB TO TYPE "D" CURB PER MAG STD DET 221 MODIFIED FOR TYPE "D".
- FURNISH AND INSTALL SINGLE GRATE CATCH BASIN PER MAG STD DET 537.
- FURNISH AND INSTALL 48" CMP PIPE WITH SMOOTH INTERIOR FLOOR-BOTTOM. SLOPE PER PLAN.
- FURNISH AND INSTALL 30" CMP PIPE. SLOPE PER PLAN.
- FURNISH AND INSTALL 48" PIPE MANIFOLD WITH 2 - 48" TEES AND 48" RISER MANHOLES WITH VENTED STORM LIDS. REFER TO MANHOLE CAP DETAIL ON SHEET C3.40.
- FURNISH AND INSTALL 12" CMP PIPE. SLOPE PER PLAN.
- FURNISH AND INSTALL 3' WIDE VALLEY GUTTER PER DETAIL ON SHEET C3.00.
- FURNISH AND INSTALL 3.5" ROLL CURB AND GUTTER PER MAG STD DET 220-1 TYPE D.
- FURNISH AND INSTALL 6" VERTICAL CURB AND GUTTER PER MAG STD DET 220-1 TYPE A.
- FURNISH AND INSTALL RETAINING WALL. REFER TO DETAIL ON SHEET C3.52. PROVIDE HANDRAIL PER COS DET 2508.
- FURNISH AND INSTALL JUNCTION BOX STRUCTURE PER DETAIL ON SHEET C3.51. PROVIDE SOLID MANHOLE COVER. COVER SHALL READ "STORMWATER".
- PROVIDE WYE CONNECTION PER DETAIL ON SHEET C3.40.
- STAMPED ASPHALT ADA PATH. REFER TO LANDSCAPE PLAN SHEET L2.1 AND L2.2 FOR COLOR. 2% MAX CROSS SLOPE.
- FURNISH AND INSTALL DOUBLE CATCH BASIN PER MAG STD DET 535. REFER TO SHEET C3.50 FOR MORE DETAILS.
- CONSTRUCT VERTICAL REALIGNMENT PER COS DET 2370 & 2401.
- FURNISH AND INSTALL ADA RAMP PER COS DETAIL 2232.
- CONSTRUCT RAMP PER DETAIL ON SHEET A006. PROVIDE HANDRAIL PER MAG STD DET 145.
- CONSTRUCT DRIVEWAY PER COS DET 2250. PROVIDE CURB TERMINATION PER MAG STD DET 222.
- FURNISH AND INSTALL ADA RAMP PER COS DETAIL 2233-2.
- CONSTRUCT TRASH ENCLOSURE PER COS DET 2146-1.
- CONSTRUCT TRASH ENCLOSURE PER COS DET 2146-2.

PROPOSED GRADING LEGEND

G=XX.XX GUTTER ELEVATION (TC +6")
P=XX.XX PAVEMENT ELEVATION

--- RIDGE LINE
--- FLOW LINE
--- STORM PIPE
[Symbol] CATCH BASIN
[Symbol] STORM MANHOLE
--- DRAINAGE ARROW

SECTION A-A

NTS

Garage FFE 2.5' 2' 3.5'

8.3%

ROLL CURB TYPE D

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

ARIZONA811

811 or 1-800-488-8111 (Toll-Free)

Available 24/7 in Maricopa County (602) 255-1100

NOTE: CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THIS SET OF CONSTRUCTION SPECIFICATIONS IS INTENDED AS A SET OF GUIDELINES FOR THE PROJECT AND ARE NOT TO BE USED IN CONJUNCTION WITH A SET OF CONSTRUCTION SPECIFICATIONS TO BE SUPPLIED BY OWNER. THEY MUST BE READ IN CONJUNCTION WITH THE PROJECT'S SPECIFICATIONS, STANDARD SPECIFICATIONS, AND ANY OTHER DOCUMENTS. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CONFORM TO ALL APPLICABLE CODES AND TO INFORM THE OWNER OF ANY DISCREPANCIES OR CLARIFICATIONS WHICH ARE DESIRED. CONTRACTORS SHALL ALSO MEET THE SITE BEFORE BIDDING. CONTRACTORS ARE REQUIRED TO KNOW ALL APPLICABLE CONDITIONS AND APPLICABLE CODES.

SEAL

ALJ SAMIH FAKIH

EXPIRES 12-31-17

PREPARED UNDER THE DIRECT SUPERVISION OF ALJ SAMIH FAKIH, P.E. ARIZONA REGISTRATION NO. 45621 AND AS A MEMBER OF SUSTAINABILITY ENGINEERING GROUP, LLC

SUSTAINABILITY ENGINEERING GROUP

SEG

8280 E GELDING DR #101, SCOTTSDALE, ARIZONA 85260
WWW.AZSEG.COM TEL 480.588.7228

catclark INVESTMENTS

PROJECT: BAHIA WORK, LIVE, PLAY

LOCATION: BAHIA ROAD & 92ND STREET, SCOTTSDALE, ARIZONA

DRAWN: _____ MILES
DESIGNED: _____ MILES
CHECKED: _____ COUNSELL
PROJ. MGR: _____ FAKIH

DATE: 01/19/2016

ISSUED FOR: PERMITS

REVISION NO.: _____ DATE: _____

JOB NO.: CD140801

SHEET TITLE: ENLARGED GRADING & DRAINAGE PLAN

SHEET NO.: C3.10

CASE NO.: 14-ZN-2014 CASE NO.: 56-DR-2014 PLAN CHECK NO.: 1520-15-1

ENLARGED GRADING & DRAINAGE PLAN

0' 20' 40' 60'

SCALE: 1" = 20'

NOTE:
ALL HEADWALLS AND DRAINAGE STRUCTURES SHALL BE INTEGRALLY COLORED CONCRETE TO BLEND WITH THE COLOR OF THE SURROUNDING NATURAL DESERT.