

*NOTE: ALL WET UTILITIES
TRANSVERSELY CROSSING 73RD
PLACE SHALL BE INSTALLED PRIOR
TO PAVEMENT BEING PLACED.

BUILDING F
F.F.=73.00

BUILDING E
F.F.=73.40

SCALE: 1" = 20'

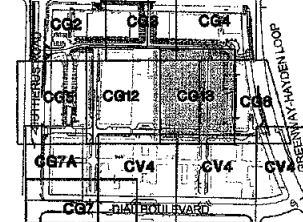
CONSTRUCTION NOTES

- *1 MATCH EXISTING SIDEWALK, CURB, TOP OF CURB AND OR PAVEMENT.
- *2 CONSTRUCT SIDEWALK PER M.A.G. STD. DETAIL 230 AND PER SOILS REPORT. SIDEWALK TO BE CONSTRUCTED WITH 5% MAX. LONGITUDINAL SLOPE AND 2% MAX. CROSS SLOPE. REFER TO LANDSCAPE PLAN FOR CONCRETE FINISH AND LIMITS.
- *3 BUS SHELTER PAD PER ARCHITECTURAL AND OFFSITE CIVIL PLANS.
- *4 SCREEN WALL PER LANDSCAPE PLANS. PLAN REVIEW# 1500-07-16
- *5 INSTALL RAMP PER SHEET C08 DETAIL 6
- *6 INSTALL SIGN FOR UNDERGROUND STORM STORAGE PER DETAIL 9 ON SHEET C08.(LOCATION APPROXIMATED)
- *7 REFER TO OFFSITE PAVING PLAN FOR CURB AND DRIVEWAY OR OFFSITE PAVING
- *8 REFER TO ELECTRICAL PLAN FOR PROPOSED LIGHT POLES AND RELOCATION OF EXIST. SITE LIGHT.
- *9 CONSTRUCT 6" CONCRETE SINGLE CURB PER M.A.G. STD. DETAIL 222, TYPE "A".
- *10 BUILD 0.5' DEEP SWALE DO NOT EXCEED 4 TO 1 SLOPE
- *11 REFER TO ARCHITECTURAL PLANS FOR TRANSFORMER/SES ENCLOSURE.
- *12 INSTALL CURB & GUTTER PER MAG STD DET 220 OR C.O.S. STD. DET. 2220, TYPE "A" WHEN DEPRESSED LIP IS SPECIFIED.
- *13 BUILD BERM. ELEVATION PER PLAN. DO NOT EXCEED 4 TO 1 SLOPE
- *14 INSTALL A.C. PAVEMENT PER DETAIL 5 ON SHEET C08.
- *15 REFER TO LANDSCAPE PLANS FOR SITE WALLS.
- *16 CONSTRUCT TEMPORARY RETENTION BASIN. DIMENSIONS PER PLAN WITH MAX SLOPE OF 4:1
- *17 WATER PROOF WALL OF BUILDING (RETAINING WALL)
- *18 CONSTRUCT TURN DOWN SIDEWALK PER DETAIL: 7 ON SHEET C08.
- *19 CONSTRUCT VALLEY GUTTER PER MAG STD DET. 240.
- *20 INSTALL CURB OPENING PER DETAIL 4 ON SHEET C08
- *21 INSTALL CURB TERMINATION PER MAG STD. 222.
- *22 INSTALL DRIVEWAY ENTRANCE PER MAG STD DETAIL 250, MODIFIED.
- *23 REMOVE TEMPORARY CURB FROM PHASE 1. SAWCUT 2' MIN. EXISTING ASPHALT AND MATCH.
- *24 ADJUST MANHOLE FRAME AND COVER PER COS STD DET 2270.

STORM DRAINAGE NOTES

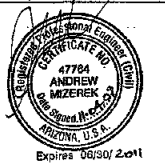
- *1 INSTALL CATCH BASIN PER MAG STD DET# 535 TYPE "F".
- *2 INSTALL HDPE STORM DRAIN PIPE (ADS N12 OR EQUAL), SIZE, LENGTH AND SLOPE PER PLAN.
- *3 CONTRACTOR TO PROVIDE A MIN. OF 12" OF VERTICAL SEPARATION BETWEEN SEWER, DRY UTILITIES AND/OR STORM DRAIN. 2' MIN BETWEEN PUBLIC WATER AND OTHER UTILITIES.
- *4 INSTALL STORM TRAP PER DETAIL ON SHEET CG10.
- *5 REFER TO THE PLUMBING PLANS FOR CONTINUATION.
- *6 INSTALL HDPE STORM DRAIN BEND/TEE/CROSS (ADS TYPE N12 OR EQUAL). SIZE PER PLAN.
- *7 INSTALL 12" AREA DRAIN. NYLOPLAST OR APPROVED EQUAL. USE PEDESTRIAN GRATE. INVERTS PER PLAN. SEE DETAIL 10 ON SHEET CG20.
- *8 INSTALL CURB INLET CATCH BASIN PER MAG STD. DET. 530.
- *9 INSTALL 5" DIA. STORM DRAIN MANHOLE, MANHOLE FRAME AND COVER PER MAG STD DET 420-1, TYPE "A", 420-2 AND 424. BASE PER MAG STD DET 522. SEE DETAIL 8 ON SHEET C08.
- *10 INSTALL 96" CMP PIPE, LENGTH AND SLOPE PER PLAN. SEE SHEET C08 DET #2.
- *11 INSTALL CMP ACCESS RISER PER DETAIL #3 ON SHEET C08. (SOLID LID)
- *12 INSTALL TRENCH DRAIN PER ZURN Z882. WIDTH OF GRATE=12". USE HEEL PROOF DUCTILE IRON GRATE.
- *13 CONNECT TO 96" DIA. PIPE PER DETAIL #1 ON SHEET C08.
- *14 LEAVE OUT SINGLE 16" X 8" CMU BLOCK FOR WEEP HOLE INTO LANDSCAPE AREA.
- *15 CONNECT TO THE BOTTOM OF 96" CMP, INV PER PLAN
- *16 INSTALL CAP ON STUB. MARK LOCATION FOR FUTURE CONNECTION WITH REBAR AND AS BUILT LOCATION AND ELEVATION.
- *17 REMOVE CAP ON STUB. CONNECT TO PHASE 1 STORM DRAIN.
- *18 INSTALL STORM TRAP ACCESS RISER PER DETAIL C ON SHEET CG10.
- *19 INSTALL CMP ACCESS RISER WITH GRATE PER DETAIL #3 ON SHEET C08.
- *20 INSTALL BOLT DOWN WATER TIGHT MANHOLE LID PER RISER OR MANHOLE DETAIL ON SHEET C08
- *21 CONNECT TO STORM DRAIN PER MAG STD DETAIL 524.
- *22 CONSTRUCT TRENCH DRAIN CONNECTION TO HDPE STORM DRAIN PER TRENCH DRAIN-STORM DRAIN CONNECTION DETAIL ON SHEET CG12.
- *23 CONSTRUCT TRENCH DRAIN CONNECTION TO CMP PER MAG STD DET 524. USE 8" HDPE.
- *24 INSTALL 5" DIAMETER STORM DRAIN MANHOLE, MANHOLE FRAME AND COVER PER MAG STD. DET. 420-1, TYPE "A", 420-2 AND 424. BASE PER MAG STD DET. 520.
- *25 INSTALL CURB INLET CATCH BASIN PER MAG STD DET 532
- *26 INSTALL CONCRETE COLLAR PER MAG STD DET 505.
- *27 INSTALL DROP INLET CLEAN OUT PER DETAIL ON THIS SHEET.
- *28 INSTALL CONCRETE ENCASEMENT FOR PIPE CROSSING PER MAG STD DET 404-3.

* INDICATES NOTES USED ON THIS SHEET.



- NOTE:
1. ALL ELEVATIONS DEPICTED HEREON ARE INTENDED TO BE TOP OF CONCRETE, ASPHALT, OR FINISH GRADE IN LANDSCAPE AREAS. UNLESS OTHERWISE NOTED.
 2. ENGINEER WILL PROVIDE CITY WITH CAD DRAWINGS IN AN ACCEPTABLE FORMAT UPON REQUEST.

DAVID EVANS
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2141 East Highland Avenue, Suite 200
Phoenix, Arizona 85016
Phone: 602.878.5161



GRADING AND DRAINAGE PLANS

SCOTTSDALE QUARTER PHASE 2

15101 N. Scottsdale Rd.
Scottsdale, Arizona

Date
SEPTEMBER 12, 2008
2nd City Submittal
Revisions
Building "F" & "E" Misc. Revisions
January 30, 2009
Storm Drain Invert Revised,
South Side of North Street
Resurfaced - October 28, 2009
Revisions to Phase 1
Valeet Pullout Added, Catchbasin
Modification - November 4, 2009

APPROVED
SE Auto Rev. 01/11
DATE 12-14-09
Plans Reviewed by:
Agnes Yarnal 450-312-2151

DESIGNED BY: ASM
DRAWN BY: EBRAN
CHECKED BY: RMDI
SCALE: 1"=20'
SECTION: 11
TWSHP: 3N
RANGE: 4E
JOB NO.: GLR0001
SHEET
CG13

-CONTRACTOR TO COVER ANY DISTURBED BUT UNIMPROVED AREAS OF SITE
WITH D.G. (PER STIPULATION #3 FROM CASE 5-GP-2005 AND 14-ZN-2005).

15101 N. Scottsdale Rd.
Scottsdale, Arizona

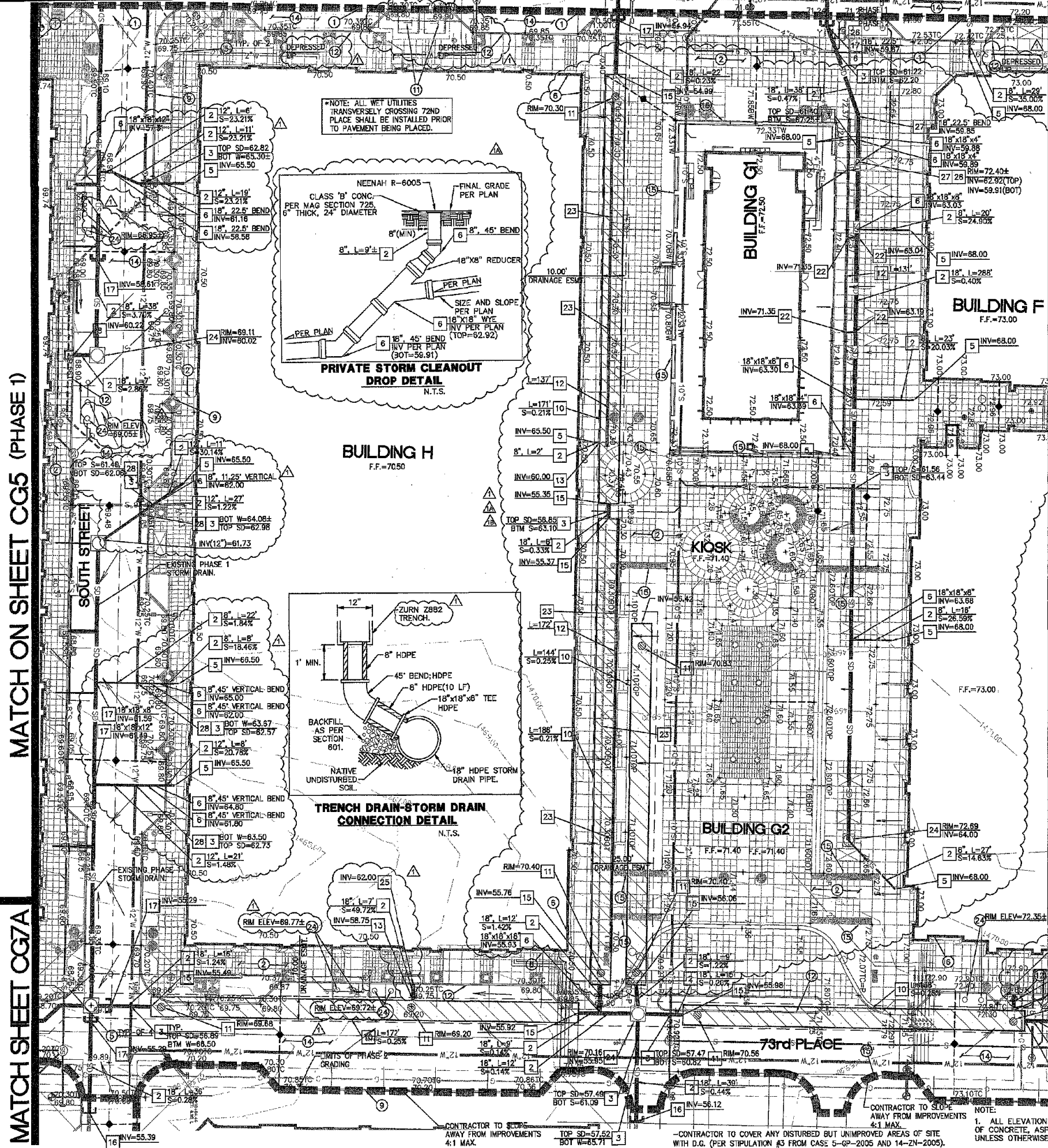
SCALE:
1"=20'

SECTION: 11
TOWNSHIP: 3N
RANGE: 4E

JOB NO.:
GLR0001

SHEET
CG12

**CALL TWO WORKING DAYS
BEFORE YOU DIG**
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)
BLUE STAKE CENTER



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