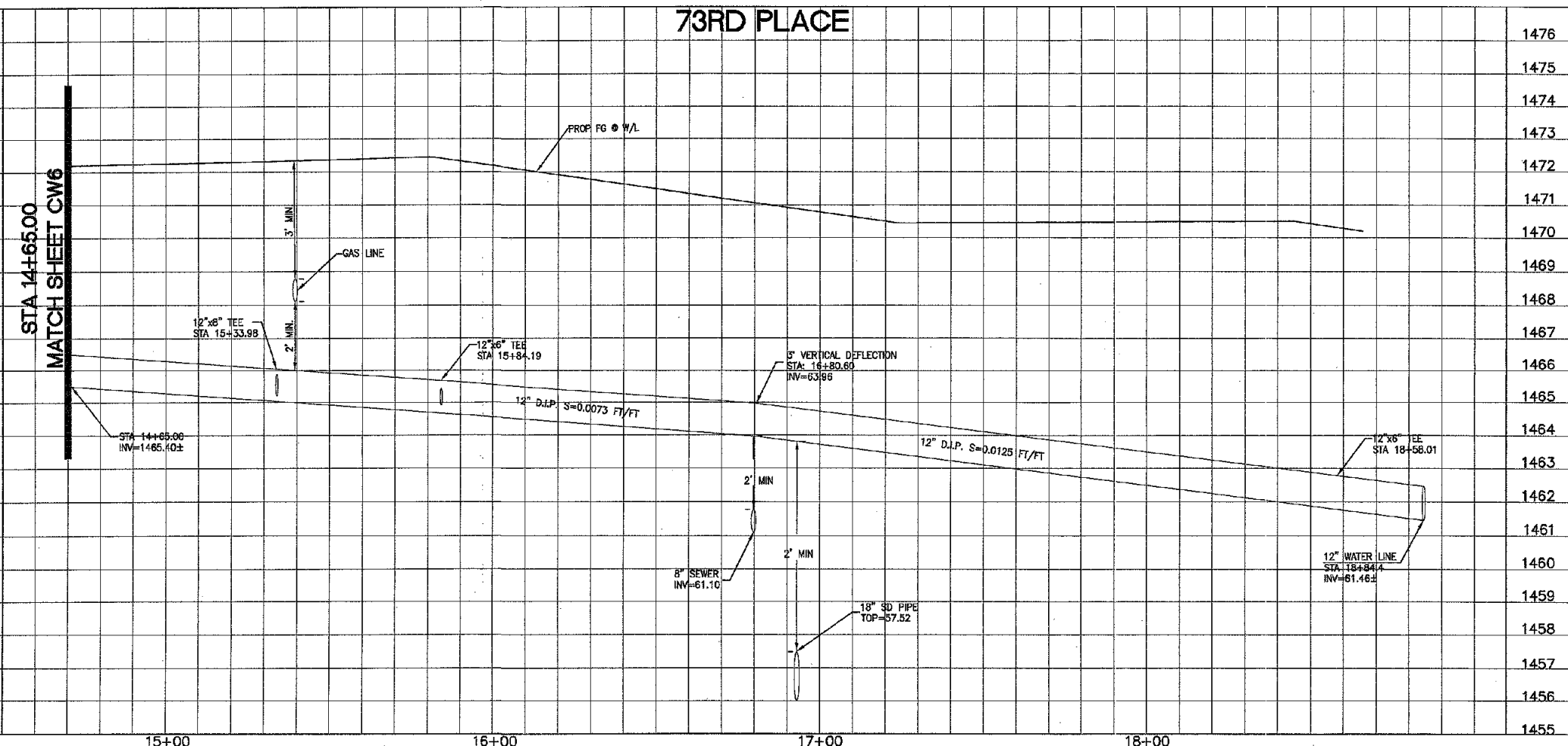
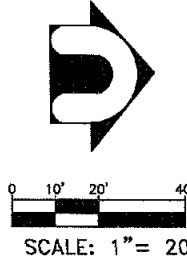
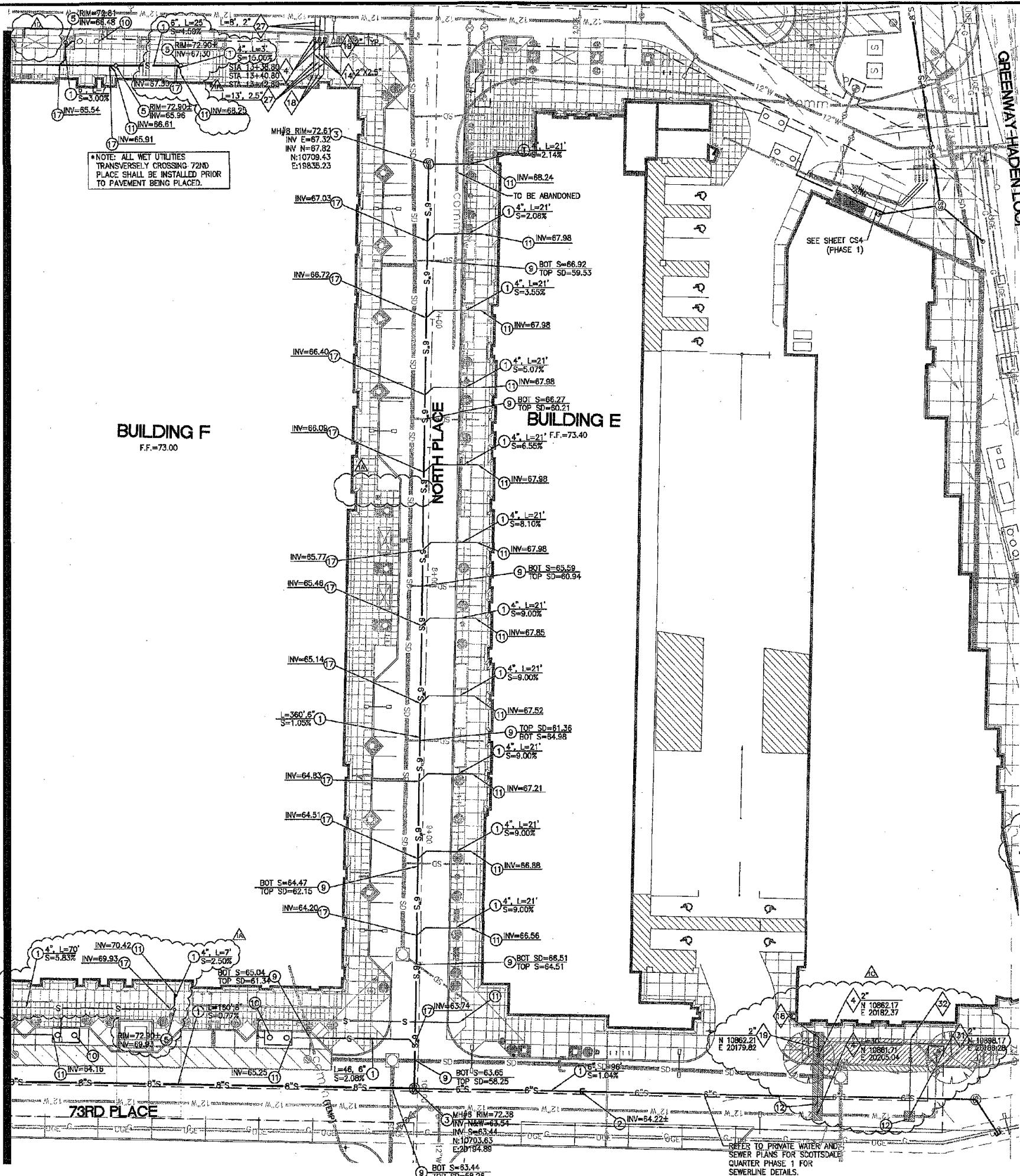


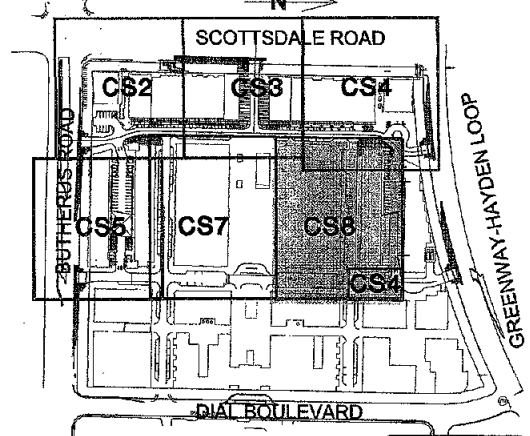
**CALL TWO WORKING DAYS
BEFORE YOU DIG**
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)
BLUE STAKE CENTER



MATCH SHEET CS7



- NOTE: ON-SITE SEWER SYSTEM IS PRIVATE AND WILL BE MAINTAINED BY THE PROPERTY OWNER / DEVELOPER.
* INDICATES NOTES USED ON THIS SHEET.
- ### SEWER CONSTRUCTION NOTES
1. INSTALL PVC (SDR-35) SANITARY SEWER LINE. SIZE, LENGTH & SLOPE PER PLAN.
 2. CONTRACTOR TO FIELD VERIFY VERTICAL AND HORIZONTAL LOCATION OF EXISTING SEWER PRIOR TO TRENCHING.
 3. INSTALL 4.0' DIA PRE-CAST CONCRETE SEWER MANHOLE (NO STEPS), FRAME AND COVER PER MAG STD DTL 420-1 (TYPE 'A') AND 424.
 4. SAWCUT REMOVE & REPLACE EX. PAVEMENT PER COS STD DTL# 2201 BACK FILL PER MAG STD DTL 220.
 5. INSTALL CLEANOUT PER MAG STD DTL 441 MODIFIED TO ADD APPROVED CAP PER U.P.C. 707.
 6. PROVIDE SEWER STUB AND PLUG PER MAG STD. DTL 427 SIZE PER PLAN.
 7. CORE DRILL EXISTING SEWER MANHOLE PER C.O.S. STANDARDS AND SPECIFICATIONS. PROVIDE LINER PER COS SPECIFICATIONS.
 8. INSTALL 5.0' DIA PRE-CAST CONCRETE SEWER MANHOLE (NO STEPS), FRAME AND COVER PER MAG STD DTL 420-1 (TYPE 'A') AND 424.
 9. CONTRACTOR TO ENSURE 24" MIN. VERTICAL SEPARATION BETWEEN SEWER AND OTHER WET UTILITIES IN EASEMENT AND/OR R.O.W. IF SEPARATION IS NOT POSSIBLE, ENCASE PER MAG STD. DTL 404. (1' MIN. SEPARATION). 12" MINIMUM SEPARATION OUTSIDE OF THE R.O.W.
 10. REFER TO PLUMBING PLANS FOR GREASE INTERCEPTOR.
 11. REFER TO PLUMBING PLANS FOR CONTINUATION.
 12. SAWCUT REMOVE & REPLACE EX. CONCRETE PER COS STD DTL# 2201 BACK FILL PER MAG STD DTL 220.
 13. SAWCUT, REMOVE AND REPLACE EXISTING SIDEWALK, AND/OR CURB AND GUTTER PER C.O.S. STD. DTL 2200.
 14. REMOVE PLUG AND CONNECT TO EXISTING SEWER LINE. CONTRACTOR TO VERIFY VERTICAL AND HORIZONTAL LOCATION OF SEWER BEFORE CONNECTION. REFORM INVERT.
 15. INSTALL 45° BEND.
 16. NOT USED.
 17. INSTALL WYE CONNECTION/BUILDING CONNECTION PER MAG STD DETAIL 440-1. DOWN STREAM INVERT AND SIZE PER PLAN.
 18. INSTALL CONCRETE ENCASMENT FOR PIPE CROSSING PER MAG STD DET. 404-3.
- ### WATER CONSTRUCTION NOTES
1. INSTALL GATE VALVE W/ VALVE BOX AND COVER PER M.A.G. STD DTL 391-1 TYPE 'C'. SIZE PER PLAN.
 2. INSTALL 2" DOMESTIC SERVICE PER C.O.S. STD. DTL 2330. TAP TO BE PERFORMED BY AN APPROVED CONTRACTOR. CONTACT WATER OPERATION PRIOR TO METER RELOCATION TO DOCUMENT NEW LOCATION. (482-312-5150)
 3. ADD CURB STOP WITH FLUSHING PIPE, MAG STD DTL 390 TYPE 'B'.
 4. INSTALL D.I.P. CLASS 350 BEND/TEE. SIZE ANGLE PER PLAN. RESTRAIN PER M.A.G. STD. DTL 303-1 & 303-2.
 5. INSTALL DUCTILE IRON PIPE (D.I.P.)- CLASS 350 WATERLINE, JOINT RESTRAINT PER M.A.G. STD DTL 303-1 & 2" POLY WRAP. SIZE & LENGTH PER PLANS.
 6. INSTALL ECCENTRIC REDUCER, SIZE PER PLAN.
 7. INSTALL STAINLESS STEEL TAPPING SLEEVE AND VALVE W/ VALVE BOX AND COVER PER M.A.G. STD DTL 391-1 TYPE 'C' & M.A.G. STD DTL 340. SIZE PER PLAN. CONTRACTOR SHALL ADJUST PROPOSED VERTICAL AND HORIZONTAL WATERLINE ALIGNMENT AS REQUIRED TO TIE INTO EXISTING WATERLINE.
 8. REFER TO FIRE SPRINKLER OR PLUMBING PLANS FOR CONTINUATION.
 9. INSTALL REDUCED PRESSURE PRINCIPLE BACK FLOW PREVENTER PER C.O.S. STD DTL 2353, SIZE PER PLAN.
 10. FIRE RISER ROOM (EXTERIOR DOOR REQUIRED)
 11. INSTALL FDC PER C.O.S. DTL 2369.
 12. INSTALL PVC WATERLINE, SCHEDULE 80 OR BETTER. SIZE AND LENGTH PER PLAN.
 13. INSTALL PVC BEND OR TEE AS PER MANUFACTURER'S RECOMMENDATIONS. ANGLE AND SIZE PER PLAN.



DAVID EVANS AND ASSOCIATES INC.
2141 East Highland Avenue, Suite 200
Phoenix, Arizona 85016
Phone: 602.578.5151

47784
ANDREW MIZERER
Professional Engineer
Arizona, U.S.A.
Expires 06/30/2011

PRIVATE WATER & SEWER PLANS
FOR
SCOTTSDALE QUARTER PHASE 2
15101 N. Scottsdale Rd.
Scottsdale, Arizona

Date
SEPTEMBER 12, 2008
2nd City Submittal

Revisions
Building 'P' & 'H' Misc. Revisions
January 30, 2009
Building 'F' Sewer Service Modifications
February 10, 2009
Revisions to Phase 1, Valet Pullout
Added: Water Meter and BFP
Relocated
November 4, 2009
Building 'G1' Sewer Service Relocation
November 4, 2009

APPROVED
12-04-09
DATE

DESIGNED BY: JEMAG
DRAWN BY: JEMAG
CHECKED BY: RMD
SCALE: 1" = 20'
SECTION: 11
TWN: 3N
RANGE: 4E
JOB NO.: GLR0001
SHEET
CS8

602-263-1100
1-800-STAKE-IT
(OUTSIDE HOURS CALL 602-263-1100)
BILL STAKE CENTER

PLAN CHECK #3558-08-1, CASE #S 5-GP-2005, 14-2A-2005, 10-2R-2007 NATIVE PLANT #39-UP-2007

5101 N. Scottsdale Rd.

APPROVED
 Sr. James E. Kelly
 [Signature]
 DATE _____
 I am requesting
 Adam Farnsworth
 ayarns@scottsdaleaz.gov
DESIGNED BY: AS
PRINTED BY: EMAS
CHECKED BY: JMD
 = 201

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



- * 2 INSTALL GATE VALVE W/ VALVE BOX AND COVER PER M.A.G. STD. DTL 391-1 TYPE "C". SIZE PER PLAN.
- * 4 INSTALL 2" DOMESTIC SERVICE PER C.O.S. STD. DTL 2330. TAP TO BE PERFORMED BY AN APPROVED CONTRACTOR. CONTACT WATER OPERATION PRIOR TO METER RELOCATION TO DOCUMENT NEW LOCATION. (482-312-5150)
- * 5 ADD CURB STOP WITH FLUSHING PIPE, MAG STD DTL 380 TYPE "B".
- * 6 INSTALL D.I.P. CLASS 350 BEND/TEE. SIZE ANGLE PER PLAN. RESTRAIN PER M.A.G. STD. DTL 303-1 & 303-2.
- * 9 INSTALL DUCTILE IRON PIPE (D.I.P.)- CLASS 350 WATERLINE. JOINT RESTRAIN PER M.A.G. STD DTL 303-1 & 2" POLY WRAP. SIZE & LENGTH PER PLANS
- 14 INSTALL ECCENTRIC REDUCER, SIZE PER PLAN
- * 15 INSTALL STAINLESS STEEL TAPPING SLEEVE AND VALVE W/ VALVE BOX AND COVER PER M.A.G. STD DTL 391-1 TYPE "C" & M.A.G. STD DTL 340. SIZE PER PLAN. CONTRACTOR SHALL ADJUST PROPOSED VERTICAL AND HORIZONTAL WATERLINE ALIGNMENT AS REQUIRED TO TIE INTO EXISTING WATERLINE.
- * 18 REFER TO FIRE SPRINKLER OR PLUMBING PLANS FOR CONTINUATION.
- * 19 INSTALL REDUCED PRESSURE PRINCIPLE BACK FLOW PREVENTER PER C.O.S. STD DTL 2353, SIZE PER PLAN.
- * 22 FIRE RISER ROOM (EXTERIOR DOOR REQUIRED)
- * 26 INSTALL FDC PER C.O.S. DTL 2359.
- * 27 INSTALL PVC WATERLINE, SCHEDULE 80 OR BETTER. SIZE AND LENGTH PER PLAN.
- * 28 INSTALL PVC BEND OR TEE AS PER MANUFACTURER'S RECOMMENDATIONS. ANGLE AND SIZE PER PLAN.

