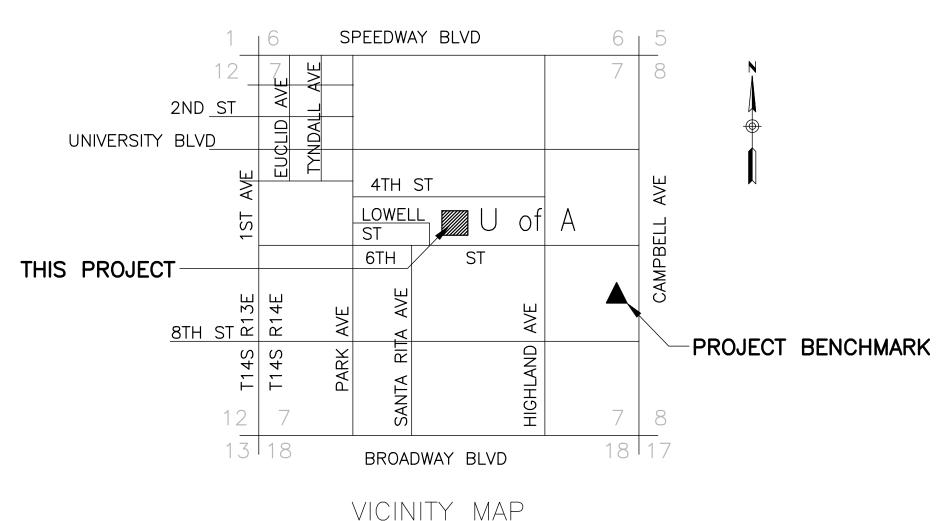
#### UNIVERSITY OF ARIZONA

## BRYANT BANNISTER TREE-RING BUILDING IMPROVEMENT PLANS

PROJECT NO. 08-8826

A PORTION OF SECTION 7, TOWNSHIP 14 SOUTH, RANGE 14 EAST, GILA AND SALT RIVER BASE AND MERIDIAN, PIMA COUNTY, ARIZONA



SEC. 7 T14S-R14E, G&SRM,
TUCSON, PIMA COUNTY, ARIZONA
N.T.S.

#### GENERAL NOTES

ALL ITEMS SHALL CONFORM TO THE PIMA COUNTY / CITY OF TUCSON (PC/COT) STANDARD DETAILS AND SPECIFICATIONS UNLESS NOTED OTHERWISE.

EXISTING UTILITY LOCATIONS ARE APPROXIMATE, BASED ON AS—BUILT AND RECORD DRAWINGS. CONTRACTOR SHALL VERIFY EXACT LOCATION AND DEPTH OF ALL UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION.

#### **CONTACT INFORMATION**

OWNER UNIVERSITY OF ARIZONA

DEPARTMENT OF PLANNING, DESIGN & CONSTRUCTION

DEPARTMENT OF PLANNING, DESIGN & CONSTRUCTION PO BOX 210300
TUCSON, AZ 85721-0300
(520) 621 5588

(520) 621-5588 CARL GAJDORUS, SENIOR ARCHITECT

ARCHITECT

RICHARD & BAUER

1545 W. THOMAS ROAD

PHOENIX AZ 85015

(602) 264-1955

KELLY BAUER, FIIDA, PRINCIPAL

CIVIL ENGINEER DIBBLE ENGINEERING
7500 N DREAMY DRAW DR STE 200

PHOENIX AZ 85020-4660
(602) 957-1155
JASON MIKKELSEN, P.E., LEED AP

#### SHEET INDEX

C1.0 COVER

C2.1-2.2 DEMOLITION PLAN

C4.1-4.2 SITE PLAN

C5.1-5.2 GRADING & DRAINAGE PLAN

C6.1-6.2 UTILITY PLAN

C7.1 DETAILS

C8.1 CROSS SECTIONS

#### **LEGEND**

EXISTING ROOF DRAIN LOCATION

EXISTING MAJOR CONTOUR

EXISTING MINOR CONTOUR

EXISTING MINOR CONTOUR

NEW MAJOR CONTOUR

NEW MINOR CONTOUR

NEW MINOR CONTOUR

6"SD NEW STORM DRAIN LINE

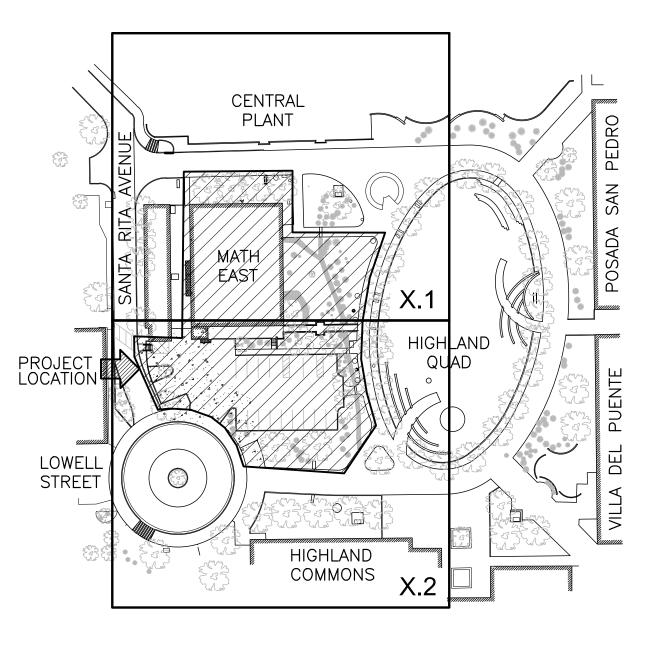
C 23.53
MATCH EXST
EXISTING SPOT ELEVATION

C 23.53
NEW SPOT ELEVATION

NEW SPOT ELEVATION

NEW CONCRETE PAVEMENT

C LEAR & GRUB EXISTING AREA



LOCATION MAP

#### BASIS OF BEARING

THE BASIS OF BEARING FOR THIS PROJECT IS A STRAIGHT LINE FROM U OF A CONTROL POINT #1014, A BRASS CAPPED SURVEY MONUMENT 5.00' NORTH OF CENTERLINE AT THE INTERSECTION OF 7TH STREET AND WARREN AVENUE TO U OF A CONTROL POINT #5111, A 1/2" IRON ROD IN CASTING AT THE INTERSECTION OF 7TH STREET AND SANTA RITA AVENUE. SAID BEARING BEING S 88°54'03" W (NAD83)

#### **▲** BENCHMARK

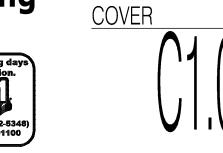
THE BASIS OF ELEVATION FOR THIS PROJECT IS U OF A GEODETIC CONTROL POINT #5080, A BRASS CAPPED SURVEY MONUMENT WITH PUNCH ONLY AT THE INTERSECTION OF 4TH STREET AND HIGHLAND AVENUE.

ELEVATION (INTL FT) = 2438.25 (NAVD88)

DESIGNED: GTS
DRAWN: DJF
CHECKED: JLM

Dibble
Engineering\*





1545 W. THOMAS ROAD PHOENIX ARIZONA 85015

PHN 602.264.1955 FAX 602.264.9234

32880 KENT E. NORCROSS N

ANT BANNISTER TREE-RING BL

MATCHLINE - SHEET C2.2

#### DEMOLITION NOTES

- 4 CLEAR & GRUB PROPOSED AREA REMOVE/RELOCATE EXIST TREES/VEGETATION SALVAGE AT DIRECTION OF OWNER
- REFER TO LANDSCAPE PLAN 9 REMOVE EXISTING GAS LINE
- COORDINATE WITH SOUTHWEST GAS
- 11 REMOVE EXIST IRRIGATION INSTRUMENT
- REMOVE EXIST TRASH CAN
- SALVAGE TO OWNER

  19 REMOVE & RELOCATE SCULPTURE
- PLACEMENT PER SITE PLAN 20 REMOVE EXIST RIP RAP
- 22 REMOVE EXIST PLANTER SALVAGE TO OWNER
- 23 REMOVE EXIST WATER LINE COORDINATE W/ OWNER & TUCSON WATER

### GMP-ADDENDUM 1 05/13/11 0WNER REVIEW 08/25/11

richärd + bauer

1545 W. THOMAS ROAD PHOENIX ARIZONA 85015

PHN 602.264.1955 FAX 602.264.9234

32880 KENT E. NORCROSS

AUGUST 25, 2011 Construction Documents r+b job #: 0209 U.A. #: 08-8826

0

#### REFERENCE NOTES

- $\langle$  1  $\rangle$  remove exist building wall REFER TO ARCHITECTURAL PLAN
- $\langle 2 \rangle$  REMOVE EXIST ELECTRICAL CABINET REFER TO ELECTRICAL PLANS
- $\langle 3 \rangle$  remove exist vent REFER TO MECHANICAL PLAN

  28 EXISTING SIGN
- PROTECT IN PLACE

#### GENERAL NOTES

PROTECT ALL EXISTING IMPROVEMENTS ADJACENT TO DEMOLITION ITEMS, UNLESS NOTED OTHERWISE.

REPAIR OR REPLACE ALL DAMAGED IMPROVEMENTS AS NECESSARY TO RESTORE TO ORIGINAL CONDITION

PROTECT ALL EXISTING UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

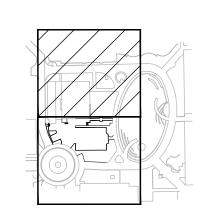
MAINTAIN ALL EXISTING UTILITY SERVICES.

COORDINATE WITH OWNER FOR PLANNED OUTAGES.

REFER TO ELECTRICAL PLANS FOR ALL ELECTRICAL REMOVALS

ALL ELEVATIONS ARE +2400'

#### KEYPLAN



DEMOLITION PLAN

SCALE: 1"=10'

Dial 8-1-1 or 1-800-STAKE-IT (782-5348 In Maricopa County: (602) 263-1100

DESIGNED: GTS DRAWN: DJF CHECKED: JLM

Engineering

1'' = 10'-0''

#### DEMOLITION NOTES

- 1 SAWCUT & REMOVE EXIST AC PAVEMENT
- 2 SAWCUT & REMOVE EXIST CURB
- 3 SAWCUT & REMOVE EXIST SIDEWALK
- CLEAR & GRUB PROPOSED AREA REMOVE/RELOCATE EXIST TREES/VEGETATION SALVAGE AT DIRECTION OF OWNER REFER TO LANDSCAPE PLAN
- 6 REMOVE EXIST WALL
- REMOVE/RELOCATE EXIST LIGHT/LIGHTPOLE/BOX AND ASSOCIATED ELECTRIC REFER TO ELECTRICAL PLAN
- 9 REMOVE EXISTING GAS LINE COORDINATE WITH SOUTHWEST GAS
- 11 REMOVE EXIST IRRIGATION INSTRUMENT
- 12 REMOVE EXIST TRASH CAN
  SALVAGE TO OWNER
- 13 REMOVE EXIST SIGN SALVAGE TO OWNER
- 14 REMOVE EXIST SCUPPER
- 15 REMOVE EXIST PRECAST SAFTY CURB
- 20 REMOVE EXIST RIP RAP
- 22 REMOVE EXIST PLANTER SALVAGE TO OWNER
- 23 REMOVE EXIST WATER LINE COORDINATE W/ OWNER &
- REMOVE & SALVAGE EXIST FIRE HYDRANT **>>>>>** REMOVE & RELOCATE EXIST BOLLAR
- 27 REMOVE EXIST STAIRS

#### REFERENCE NOTES

- 1 REMOVE EXIST BUILDING/STRUCTURE REFER TO ARCHITECTURAL PLAN
- $\langle 4 \rangle$  remove exist loading dock
- REFER TO ARCHITECTURAL PLAN
  (29) EXISTING SCULPTURE) PROTECT IN PLACE

#### GENERAL NOTES

PROTECT ALL EXISTING IMPROVEMENTS ADJACENT TO DEMOLITION ITEMS, UNLESS NOTED OTHERWISE.

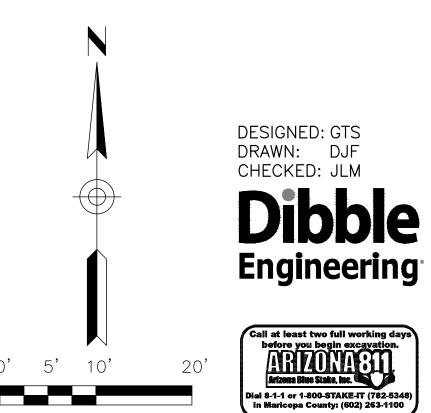
REPAIR OR REPLACE ALL DAMAGED IMPROVEMENTS AS NECESSARY TO RESTORE TO ORIGINAL CONDITION

PROTECT ALL EXISTING UTILITIES IN PLACE UNLESS NOTED OTHERWISE.

COORDINATE WITH OWNER FOR PLANNED OUTAGES.

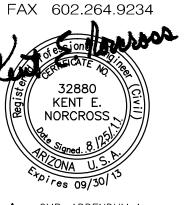
REFER TO ELECTRICAL PLANS FOR ALL ELECTRICAL REMOVALS

ALL ELEVATIONS ARE +2400'





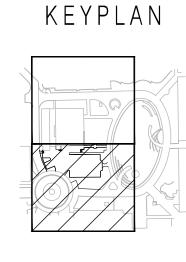
1545 W. THOMAS ROAD PHOENIX ARIZONA 85015 PHN 602.264.1955



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AUGUST 25, 2011 Construction

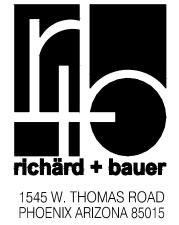
Documents r+b job #: 0209 U.A. #: 08-8826

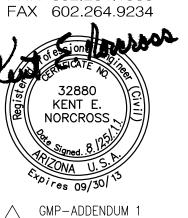


**DEMOLITION PLAN** 1'' = 10'-0''

#### CONSTRUCTION NOTES

- (24) CONCRETE PAVEMENT 4" PCC/95% COMPACTED SUBGRADE REFER TO ARCHITECTURAL PLAN FOR COLOR, FINISH, & JOINT SPACING
- (26) DESERT COBBLE OUTLET PROTECTION W/FILTER FABRIC UNDERTREATMENT D50=4", DEPTH=8"
  DETAIL 1, SHEET C7.1
  REFER TO LANDSCAPE PLAN





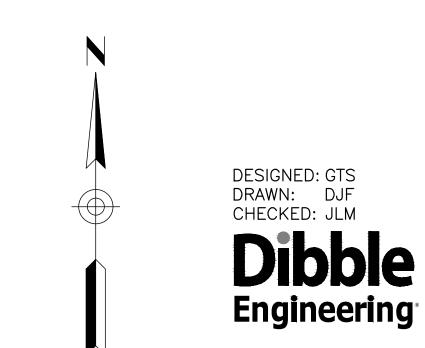
AUGUST 25, 2011

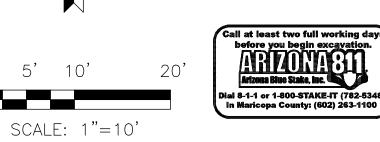
### REFERENCE NOTES

- $\langle 6 \rangle$  DECOMPOSED GRANITE REFER TO LANDSCAPE PLAN
- $\langle 8 \rangle$  BOLLARD
  - REFER TO ARCHITECTURAL PLAN
- 9 ELECTRICAL GENERATOR REFER TO MECHANICAL PLAN
- (10) SCULPTURE
- REFER TO ARCHITECTURAL PLAN 26 BUILDING OVERHANG REFER TO ARCHITECTURAL PLAN

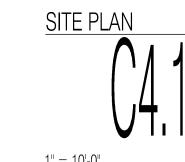
#### GENERAL NOTES

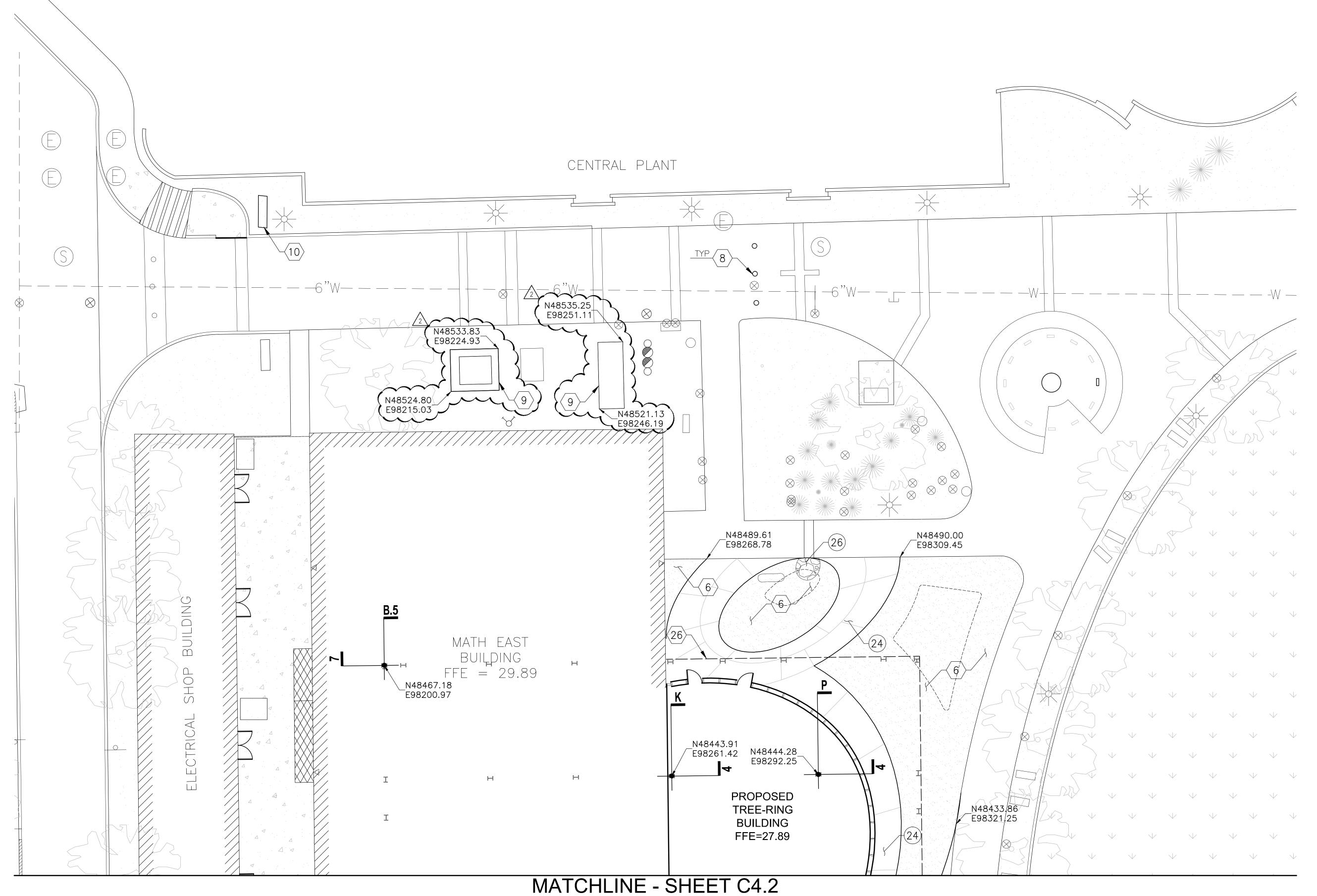
ALL ELEVATIONS ARE +2400'

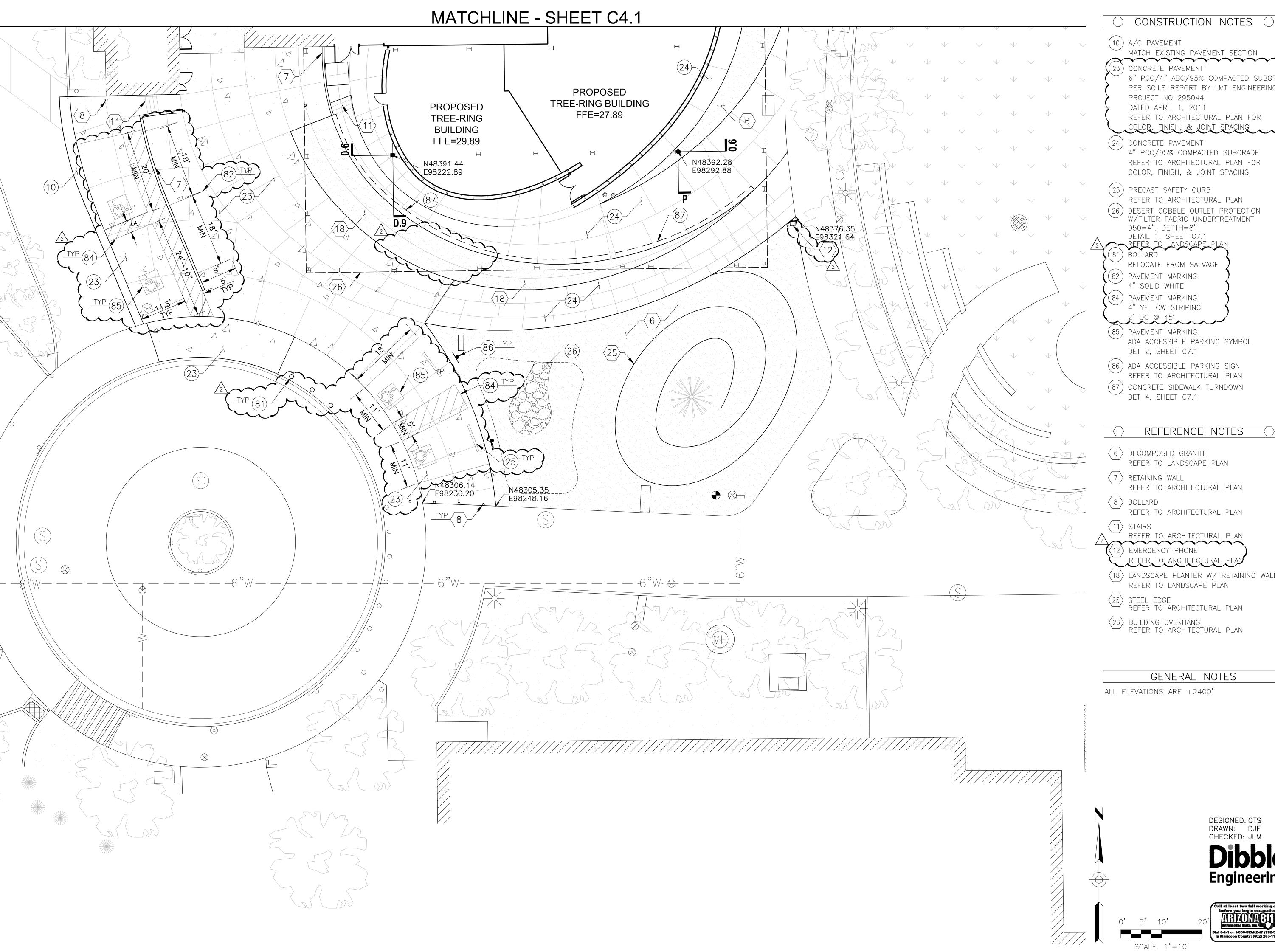




KEYPLAN







#### CONSTRUCTION NOTES

MATCH EXISTING PAVEMENT SECTION

CONCRETE PAVEMENT

6" PCC/4" ABC/95% COMPACTED SUBGRAD PER SOILS REPORT BY LMT ENGINEERING, INC. PROJECT NO 295044

REFER TO ARCHITECTURAL PLAN FOR

- (24) CONCRETE PAVEMENT 4" PCC/95% COMPACTED SUBGRADE REFER TO ARCHITECTURAL PLAN FOR COLOR, FINISH, & JOINT SPACING
- (25) PRECAST SAFETY CURB REFER TO ARCHITECTURAL PLAN
- (26) DESERT COBBLE OUTLET PROTECTION W/FILTER FABRIC UNDERTREATMENT

- RELOCATE FROM SALVAGE
- 4" SOLID WHITE
- (84) PAVEMENT MARKING 4" YELLOW STRIPING
- (85) PAVEMENT MARKING ADA ACCESSIBLE PARKING SYMBOL DET 2, SHEET C7.1
- REFER TO ARCHITECTURAL PLAN
- (87) CONCRETE SIDEWALK TURNDOWN DET 4, SHEET C7.1

#### REFERENCE NOTES

- REFER TO LANDSCAPE PLAN
- REFER TO ARCHITECTURAL PLAN
- REFER TO ARCHITECTURAL PLAN
- REFER TO ARCHITECTURAL PLAN

  (12) EMERGENCY PHONE
- (18) LANDSCAPE PLANTER W/ RETAINING WALL REFER TO LANDSCAPE PLAN

- 26) BUILDING OVERHANG REFER TO ARCHITECTURAL PLAN

#### GENERAL NOTES

ALL ELEVATIONS ARE +2400'

KEYPLAN

richärd + bauer

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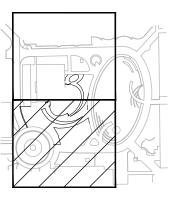
32880 KENT E. NORCROSS

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r+b job #: 0209 U.A. #: 08-8826



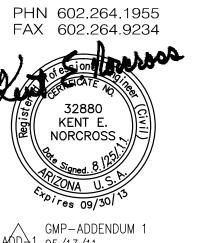
SITE PLAN





**Engineering**<sup>1</sup>

DESIGNED: GTS DRAWN: DJF CHECKED: JLM



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Documents r+b job #: 0209 U.A. #: 08-8826

REFERENCE NOTES

#### GENERAL NOTES

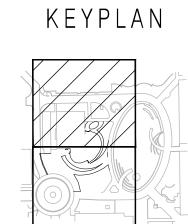
TC=P+6"(0.50') UNLESS OTHERWISE NOTED MATCH TO EXISTING GRADE AT A MAXIMUM SLOPE OF 5:1

ADJUST ALL EXISTING MANHOLE/VAULT RIMS/LIDS TO NEW GRADE.

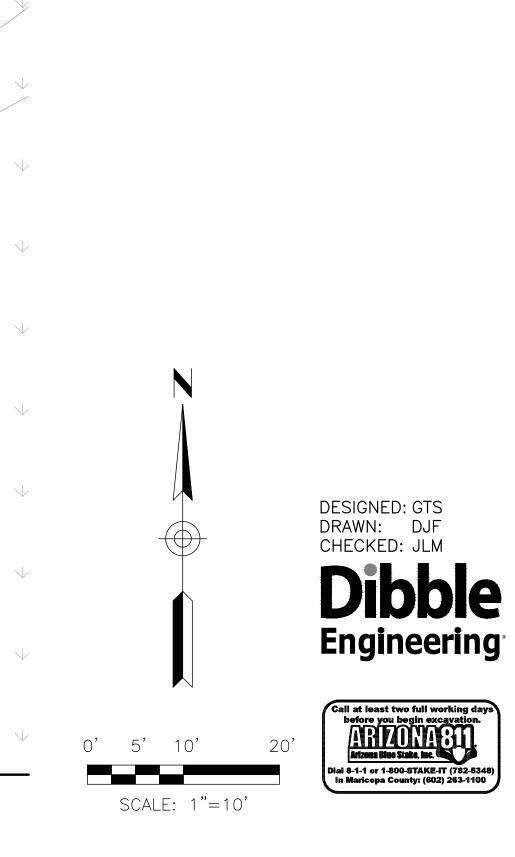
ALL ELEVATIONS ARE +2400'

EX 27.71

EX 27.30







HIGHLAND QUAD DETENTION V BASIN

MATCHLINE - SHEET C5.2

EX 26.91 EX 27.10  $\otimes$ EX 25.06 PAD= 26.65 EX 27.72 EX 27.61 C 27.12

MATCH EXST

FG 27.76

MATCH EXST C 26.64 MATCH EXST EX 26.82 C 26.60 MATCH EXST

<u>C 26.90</u>

C 27.75 C 27.87

C 27.87

PROPOSED TREE-RING

BUILDING FFE=27.89

C 27.67

MATH EAST

BUILDING FFE = 29.89

FG=26.12

C 27.01 C 27.20

FG=26.12/

#### CONSTRUCTION NOTES (



GMP-ADDENDUM 1 40D-1 05/13/11 OWNER REVIEW 08/25/11

AUGUST 25, 2011 Construction Documents r+b job #: 0209 U.A. #: 08-8826

REFERENCE NOTES

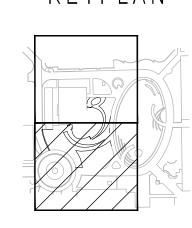
#### GENERAL NOTES

TC=P+6"(0.50') UNLESS OTHERWISE NOTED MATCH TO EXISTING GRADE AT A MAXIMUM SLOPE OF 5:1

ADJUST ALL EXISTING MANHOLE/VAULT RIMS/LIDS TO NEW GRADE.

ALL ELEVATIONS ARE +2400'

KEYPLAN







**Engineering**®

DESIGNED: GTS DRAWN: DJF CHECKED: JLM

MATCHLINE - SHEET C6.2

#### CONSTRUCTION NOTES

- (55) STORM DRAIN PIPE W/ FITTINGS DIP CL 350 W/ POLYWRAP MITER END TO MATCH DAYLIGHT SLOPE SIZE PER PLAN
- (64) TAPPING SLEEVE & GATE VALVE W/ BOX & COVER PC/COT STD DET W-300 & W-318 MATCH WATER LINE SIZE
- (65) FIRE LINE W/ FITTINGS DIP CL 350 W/ POLYWRAP SIZE PER PLAŃ
- (67) BACKFLOW PREVENTER TW STD DET SD-1805 SIZE PER PLAN
- (68) CONCRETE ENCASEMENT 6" FROM OD MIN
- DET 5, SHEET C7.1 DEI O, SHELL U/.I REMOVE AND REPLACE EXISTING PAVEMENT BACKFILL PER PC/COT STD DET 216 MATCH EXISTING CONCRETE FINISH, COLOR, & TYPE

#### REFERENCE NOTES

- GAS LINE RELOCATION BY OTHERS
- (15) DOMESTIC WATER CONNECTION REFER TO MECHANICAL PLANS
- $\langle 24 \rangle$  EXISTING FIRE DEPARTMENT CONNECTION REFER TO MECHANICAL PLANS

#### GENERAL NOTES

CONTRACTOR TO FIELD VERIFY LOCATION OF ON-SITE UTILITIES PRIOR TO CONSTRUCTION.

MAINTAIN MIN 36" COVER OVER ALL NEW UTILITY LINES.

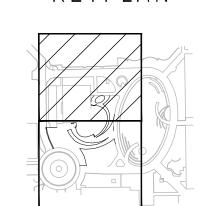
MAINTAIN ALL EXISTING UTILITY SERVICES.

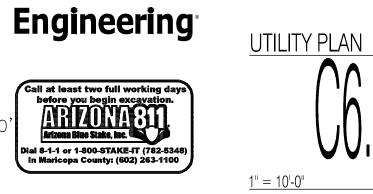
COORDINATE WITH OWNER FOR PLANNED OUTAGES.

ALL ELEVATIONS ARE +2400'

NOTE: PUBLIC WATER LINE AND GAS LINE RELOCATIONS ARE SHOWN FOR REFERENCE AND PRICING ONLY.

KEYPLAN





Dial 8-1-1 or 1-800-STAKE-IT (782-5348 In Maricopa County: (602) 263-1100

DESIGNED: GTS DRAWN: DJF

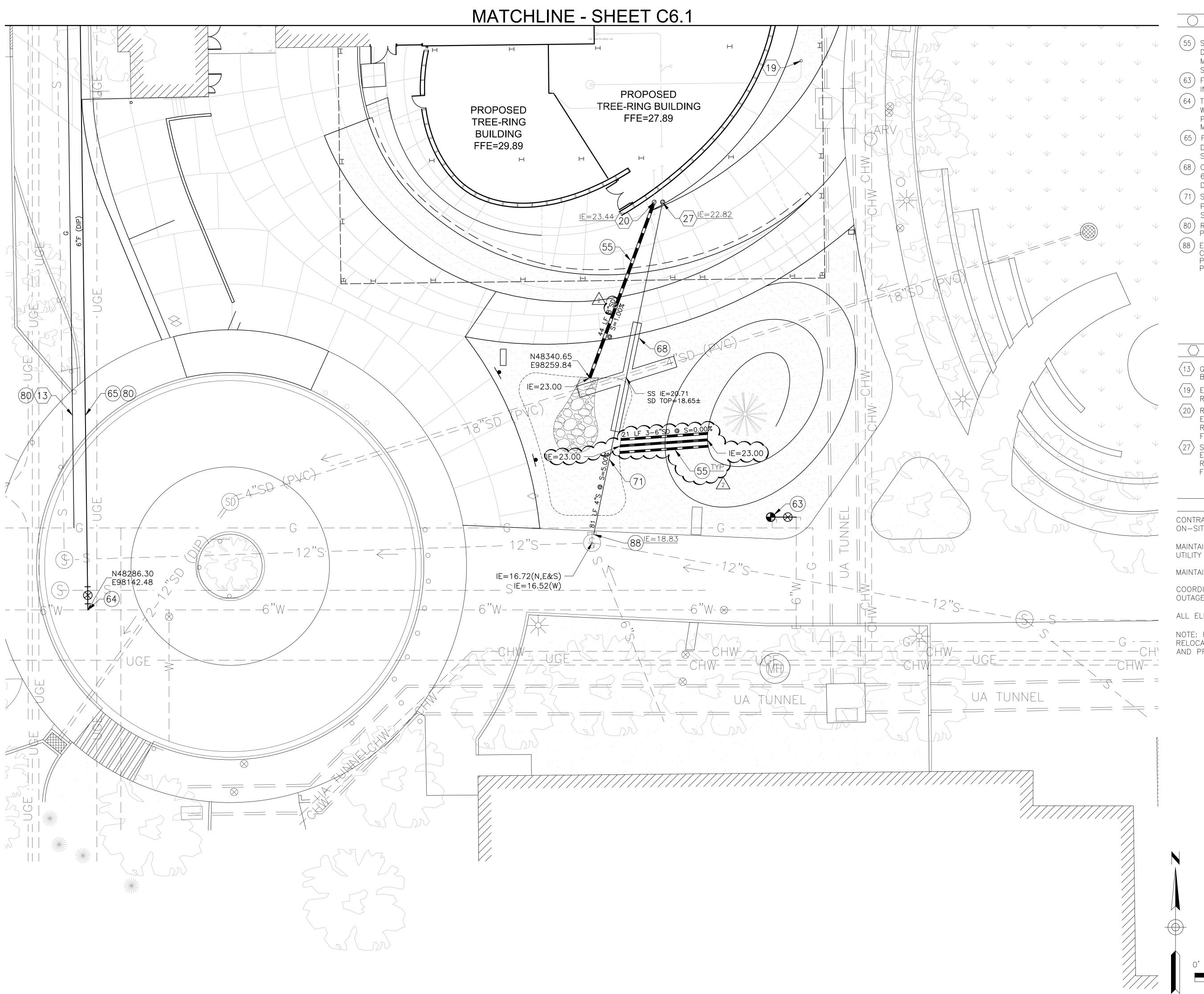
CHECKED: JLM

richärd + bauer 1545 W. THOMAS ROAD PHOENIX ARIZONA 85015 PHN 602.264.1955

FAX 602.264.9234 32880 KENT E. NORCROSS GMP-ADDENDUM 1

ADD 1 05/13/11 OWNER REVIEW 08/25/11 AUGUST 25, 2011

Construction Documents r+b job #: 0209 U.A. #: 08-8826



#### CONSTRUCTION NOTES

- (55) STORM DRAIN PIPE W/ FITTINGS DIP CL 350 W/ POLYWRAP MITER END TO MATCH DAYLIGHT SLOPE SIZE PER PLAN
  - (63) FIRE HYDRANT ASSEMBLY W/DIP INSTALL FROM SALVAGE
  - (64) TAPPING SLEEVE & GATE VALVE W/ BOX & COVER PC/COT STD DET W-300 & W-318 MATCH WATER LINE SIZE
  - (65) FIRE LINE W/ FITTINGS DIP CL 350 W/ POLYWRAP SIZE PER PLAN
  - (68) CONCRETE ENCASEMENT 6" FROM OD MIN DET 3, SHEET C7.1
  - (71) SANITARY SEWER LINE PVC SDR-35 SIZE & SLOPE PER PLAN
  - (80) REMOVE AND REPLACE EXISTING PAVEMENT PC/COT STD DET 216
  - 88 ) EXISTING MANHOLE CONNECT PROPOSED SEWER LINE AT PROPOSED INVERT SHOWN PC/COT STD DET WWM-301

#### REFERENCE NOTES

- (13) GAS LINE RELOCATION BY OTHERS
- (19) ELEVATOR PIT SUMP PUMP OUTLET REFER TO PLUMBING PLANS
- $\langle 20 \rangle$  roof drain connection ELEVATION PER PLAN REFER TO PLUMBING PLANS FOR CONTINUATION
- 27 SANITARY SEWER BUILDING CONNECTION ELEVATION PER PLAN REFER TO PLUMBING PLANS FOR CONTINUATION

#### GENERAL NOTES

CONTRACTOR TO FIELD VERIFY LOCATION OF ON-SITE UTILITIES PRIOR TO CONSTRUCTION.

MAINTAIN MIN 36" COVER OVER ALL NEW UTILITY LINES.

MAINTAIN ALL EXISTING UTILITY SERVICES.

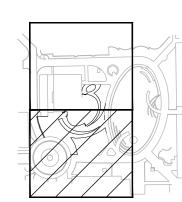
COORDINATE WITH OWNER FOR PLANNED OUTAGES.

ALL ELEVATIONS ARE +2400'

NOTE: PUBLIC WATER LINE AND GAS LINE RELOCATIONS ARE SHOWN FOR REFERENCE AND PRICING ONLY.

DESIGNED: GTS DRAWN: DJF CHECKED: JLM

KEYPLAN



**Engineering** UTILITY PLAN Dial 8-1-1 or 1-800-STAKE-IT (782-5348 In Maricopa County: (602) 263-1100

1'' = 10'-0''

PHOENIX ARIZONA 85015 PHN 602.264.1955 FAX 602.264.9234 32880 KENT E. NORCROSS

richärd + bauer

1545 W. THOMAS ROAD

GMP-ADDENDUM 1 40D-1 05/13/11 OWNER REVIEW 08/25/11

AUGUST 25, 2011 Construction Documents r+b job #: 0209 U.A. #: 08-8826

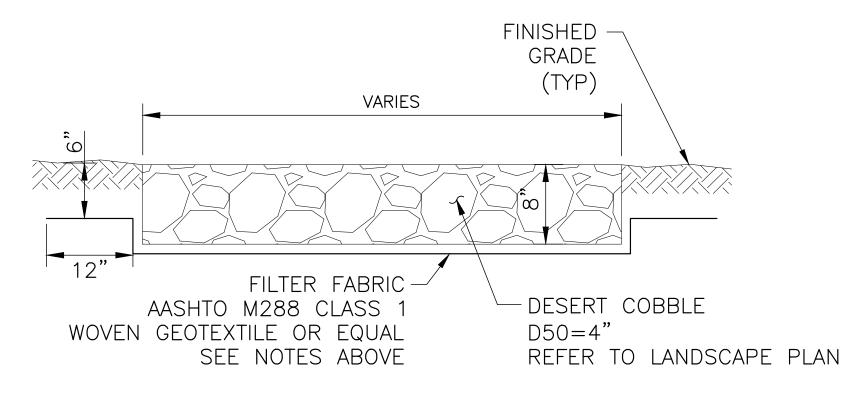
SURFACES TO RECEIVE FILTER FABRIC SHALL BE GRADED TO THE LINES AND GRADES SHOWN ON THE PLANS, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE SURFACE SHALL BE FREE OF OBSTRUCTIONS, DEBRIS, AND POCKETS OF SOFT OR LOW DENSITY MATERIAL.

AT THE TIME OF INSTALLATION, THE FABRIC WILL BE REJECTED IF IT HAS DEFECTS, RIPS, HOLES, FLAWS, DETERIORATION, OR DAMAGE INCURRED DURING MANUFACTURE, TRANSPORTATION, OR STORAGE.

THE FABRIC SHALL BE LAID SMOOTH AND FREE FROM TENSION, STRESS, FOLDS, WRINKLES, OR CREASES. HORIZONTAL OVERLAPS SHALL BE A MINIMUM OF 12 INCHES WITH THE UPPER FABRIC OVERLAPPING THE LOWER FABRIC. VERTICAL OVERLAPS SHALL BE A MINIMUM OF 18 INCHES WITH THE UPSTREAM FABRIC OVERLAPPING THE DOWNSTREAM FABRIC. IN THE EVENT THAT THE FABRIC IS DISPLACED OR DAMAGED DURING RIP RAP PLACEMENT, THE RIP RAP SHALL BE REMOVED AND THE FABRIC REPOSITIONED OR REPLACED PRIOR TO REPLACEMENT OF THE RIP RAP, ALL AT NO ADDITIONAL COST TO THE OWNER.

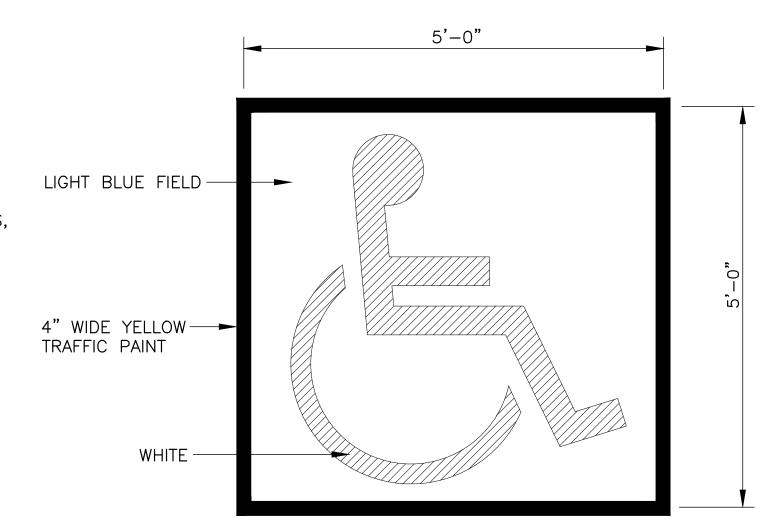
THE PLACEMENT OF THE FABRIC AND RIP RAP SHALL BE PERFORMED IN A CONTINUOUS MANNER AS DIRECTED BY THE ENGINEER. THE FABRIC SHALL BE PROTECTED FROM DAMAGE DUE TO THE PLACEMENT OF RIP RAP OR OTHER MATERIALS LIMITING THE HEIGHT OF DROP OF THE MATERIAL OR BY PLACING A CUSHIONING LAYER OF SAND ON TOP OF THE FABRIC BEFORE DUMPING THE MATERIAL.

NO MORE THAN 72 HOURS SHALL ELAPSE FROM THE TIME THE FABRIC IS UNWRAPPED TO THE TIME THE FABRIC IS COVERED WITH RIP RAP OR SAND.

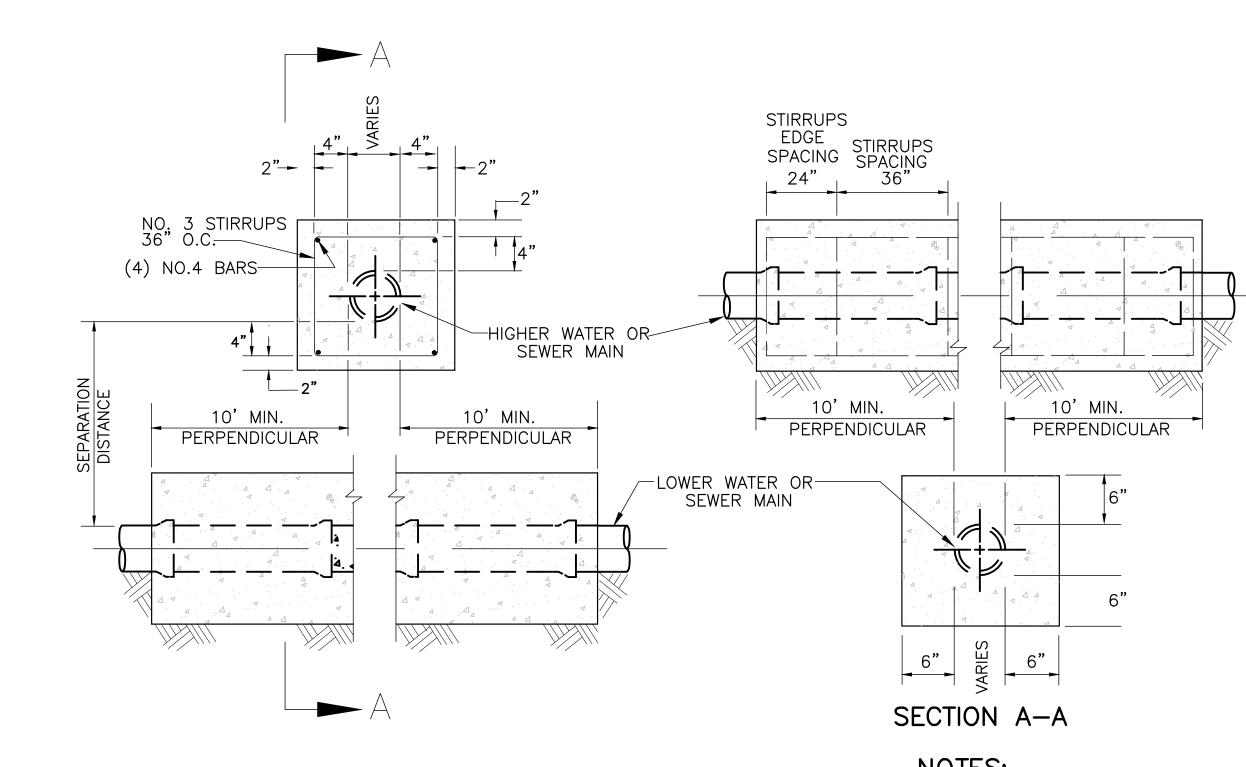


OUTLET PROTECTION DETAIL

N.T.S.



2 ACCESSIBLE PARKING SYMBOL N.T.S.



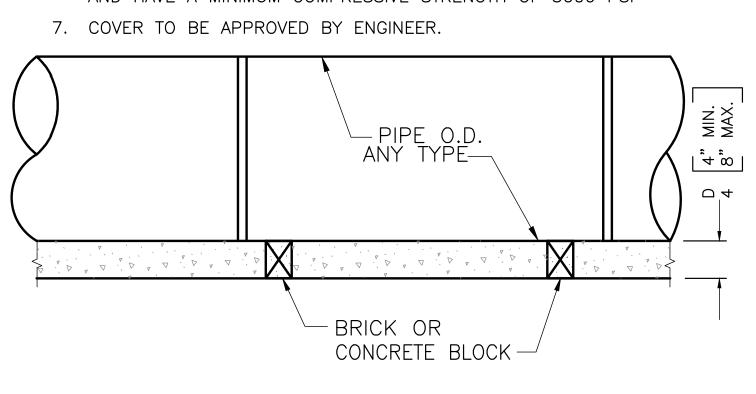
NOTES:
1. 2000 PSI CONCRETE

N.T.S.

3 ENCASEMENT FOR PIPE CROSSING

NOTES:

- 1. THIS DETAIL SHALL BE REQUIRED WHEN NEW OR EXISTING PIPE INSTALLATIONS WILL BE SUBJECT TO DAMAGE ANYTIME IN THE FUTURE DUE TO LACK OF PROPER COVER, AS DETERMINED BY THE ENGINEER.
- 2. FOR PIPE OVER 18" I.D. WOOD, METAL OR GYPSUM BOARD FORMS MUST BE USED TO FORM THE SIDES OF THE ENCASEMENT. GYPSUM BOARD FORMS MAY BE LEFT IN THE GROUND BELOW THE TOP OF THE ENCASEMENT. THIS SHALL BE OPTIONAL WITH POURING AGAINST TRENCH WALLS FOR ENCASEMENT OF 18" AND SMALLER PIPE.
- 3. FOR ALL SITUATIONS WHERE SIDE FORMS ARE USED, TRENCH WALLS SHALL BE OVER—EXCAVATED TO ALLOW SUFFICIENT ROOM TO OPERATE PROPER MECHANICAL COMPACTION EQUIPMENT.
- 4. CONCRETE WHICH SPILLS BEYOND 12" FROM THE SIDES OF THE PIPE FOR ANY REASON SHALL BE REMOVED BACK TO THE PROPER LINE PRIOR TO BACKFILLING.
- 5. SEE PC/COT STD DET W-115 FOR TRENCH PREPARATION.
- 6. CONCRETE TO BE CLASS 'S' PER SECT. 1006
  AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI



LONGITUDINAL SECTION

SIDE FORMS
AS REQUIRED.
SEE NOTE 2.

SIZE OF PIPE AS SHOWN ON PLANS

END SECTION

SEE NOTE 6 -

SIDEWALK EDGE WHEN ADJACENT TO SOIL

SIDEWALK EDGE WHEN

N.T.S.

S/W WIDTH PER PLAN

CLASS B CONCRETE

MONOLITHIC SIDEWALK SECTION

ADJACENT TO ASPHALT

SHALLOW PIPE ENCASEMENT DETAIL

N.T.S.

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

ARTONASII

Artzona Blue Stake, Inc.

Dial 8-1-1 or 1-800-STAKE-IT (782-5348) In Maricopa County: (602) 263-1100

**Engineering** 

DESIGNED: GTS DRAWN: DJF

CHECKED: JLM

DETAILS 07.

richard + bauer

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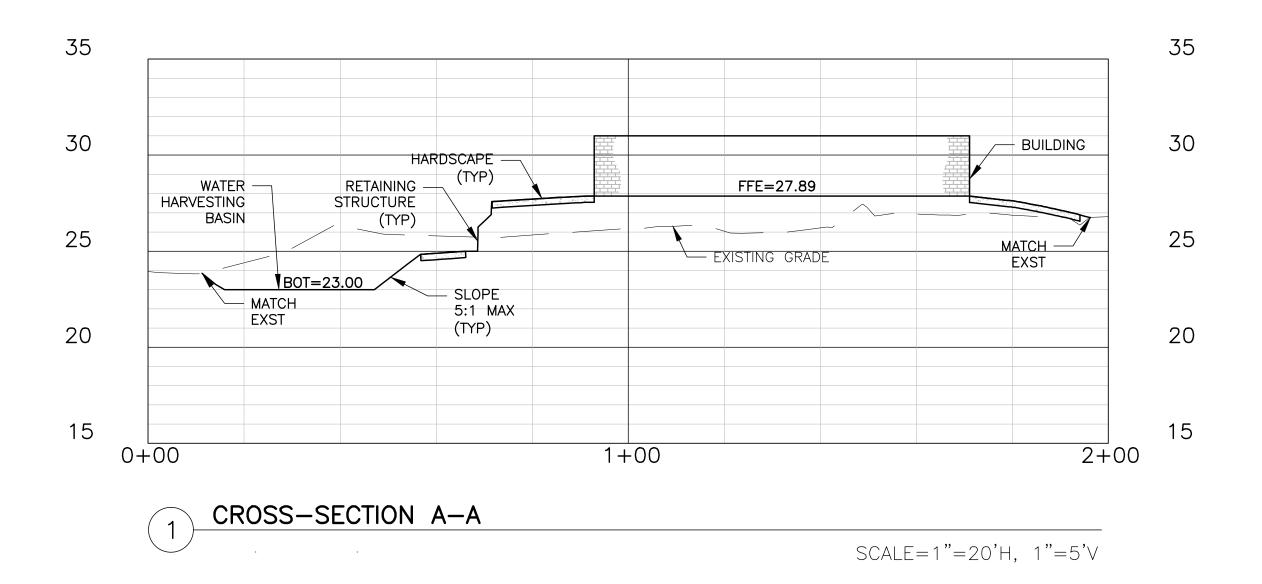
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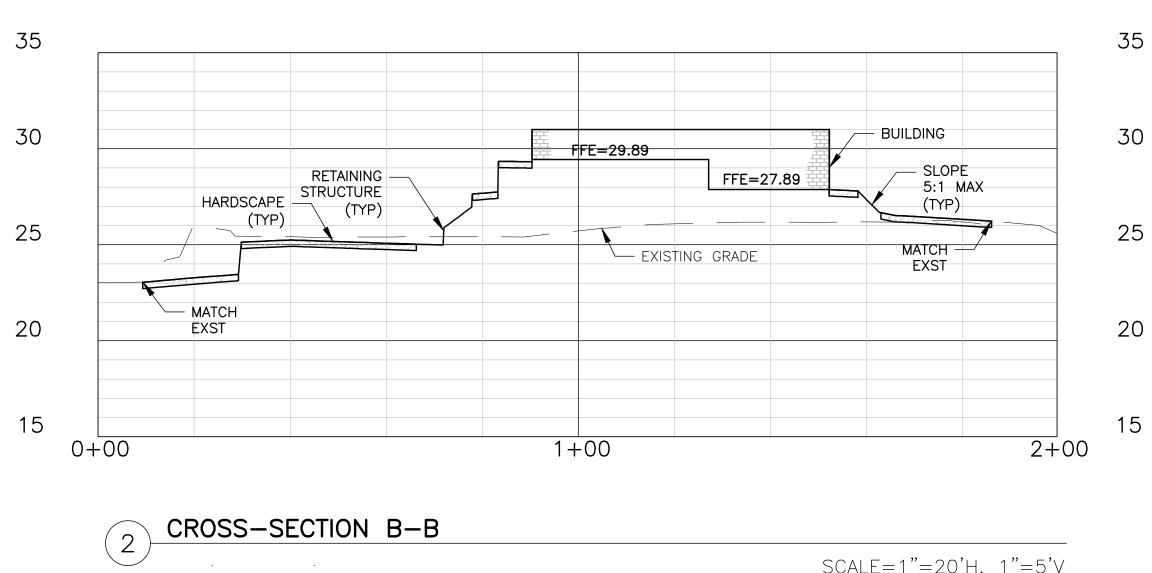
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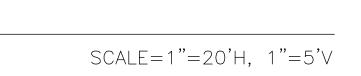
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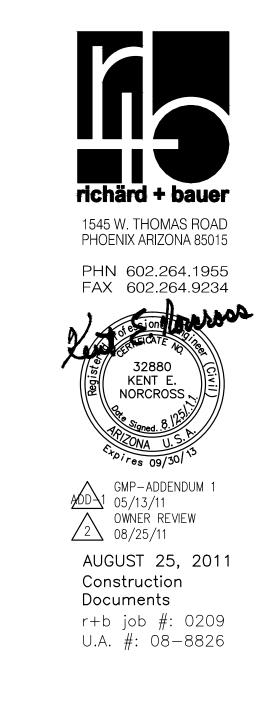
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