

GRADING NOTES

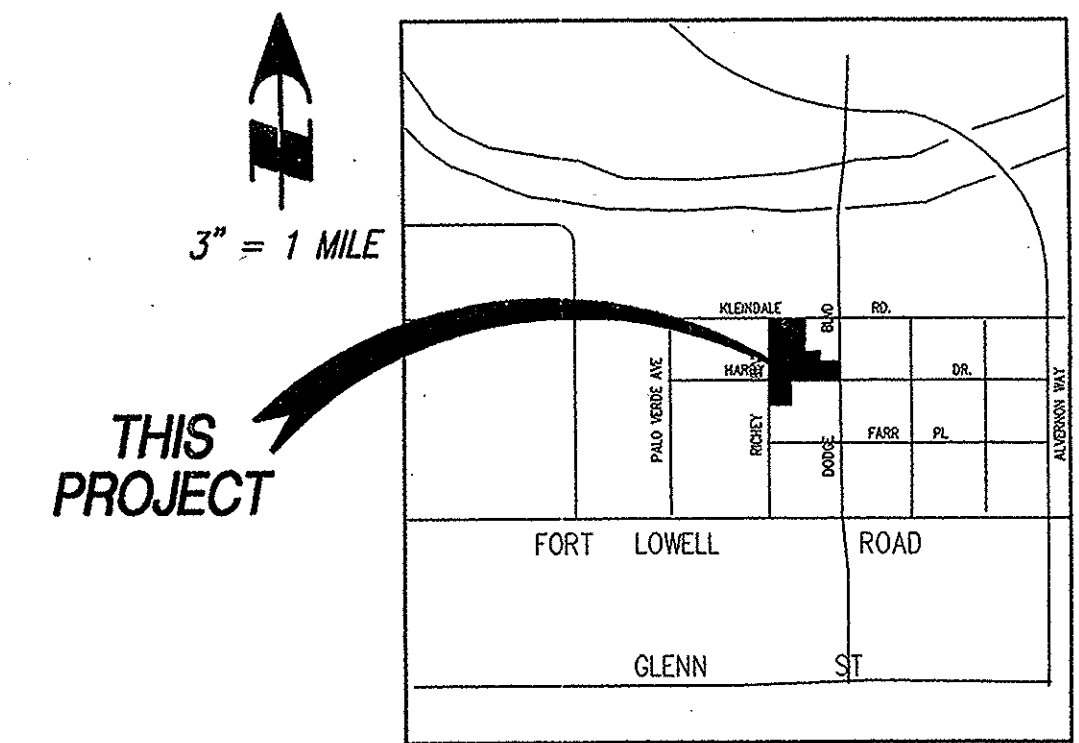
1. THE BASIS OF BEARING FOR THIS PROJECT IS:
ARIZONA STATE PLANE CENTRAL ZONE GRID BEARING OF
N 62°24'53" E BETWEEN PCDOT/COTDOT GEODETIC CONTROL POINT
(B) V10 AND PCDOT/COTDOT GEODETIC CONTROL POINT (B) R17.
2. THE BASIS OF ELEVATION FOR THIS PROJECT IS:
PCDOT/COTDOT GEODETIC CONTROL POINT (B) V13. ELEVATION BEING
2409.12 (NAVD88 DATUM).
3. AN APPROVED COPY OF THIS PLAN SHALL BE KEPT IN AN EASILY ACCESSIBLE
LOCATION AT THE JOBSITE AT ALL TIMES DURING CONSTRUCTION.
4. ALL CONSTRUCTION AND TEST METHODS SHALL BE IN CONFORMANCE WITH PIMA
COUNTY/CITY OF TUCSON STANDARD SPECIFICATIONS AND STANDARD DETAILS
FOR PUBLIC IMPROVEMENTS, 2003 EDITIONS. THESE MAY BE MODIFIED AND/OR
SUPPLEMENTED BY THE REQUIREMENTS OF THESE PLANS.
5. EXCAVATION WORK SHALL COMPLY W/ REQUIREMENTS OF THE IBC AND OSHA.
6. DEMOLITION WORK SHALL CONFORM TO THE DEMOLITION SPECIFICATION.
7. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE OCCUPATIONAL SAFETY
AND HEALTH ADMINISTRATION REGULATIONS.
8. FACILITY MANAGEMENT SHALL VERIFY UTILITY LOCATIONS AND CONTRACTOR SHALL
VERIFY LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES WITHIN THE WORK
AREA PRIOR TO ANY CONSTRUCTION.
9. THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED BY GOVERNMENTAL AGENCIES.
10. A REGISTERED ENGINEER MUST CERTIFY THAT THIS PROJECT WAS CONSTRUCTED
IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED PLANS PRIOR TO REQUEST
FOR FINAL INSPECTION OR THE RELEASE OF ASSURANCES.
11. ALL REVISIONS TO THESE PLANS MUST BE REVIEWED AND APPROVED BY PIMA
COUNTY DEVELOPMENT SERVICES PRIOR TO CONSTRUCTION.
12. UTILITY LOCATIONS AS SHOWN ON THE PLANS ARE BASED ON A SEARCH OF
AVAILABLE RECORDS AND INFORMATION PROVIDED BY THE UTILITY COMPANIES
OR AGENCIES. UTILITY LOCATIONS SHOWN ARE APPROXIMATE, AND THERE MAY
BE EXISTING UTILITIES WHICH ARE NOT SHOWN ON THE PLANS; THEREFORE, THE
POSSIBILITY OF CONFLICTS WITH UTILITIES IN SERVICE EXISTS. THE CONTRACTOR
SHALL COORDINATE WITH FACILITY MANAGEMENT PRIOR TO COMMENCING
CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY
RESPONSIBLE FOR COSTS INCURRED AS A RESULT OF DAMAGE TO UTILITIES
CAUSED BY HIS OPERATIONS.

PAVING NOTES

1. AGGREGATE BASE COURSE SHALL CONFORM TO PIMA COUNTY/CITY OF TUCSON
STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS, SECTION 303.
2. ALL CONCRETE SHALL COMPLY WITH PROJECT SPECIFICATIONS.
3. IF UNANTICIPATED CONDITIONS ARE ENCOUNTERED DURING THE COURSE OF
CONSTRUCTION AND ARE BEYOND THE SCOPE OF THE DESIGN, THE CONTRACTOR
SHALL NOTIFY THE ENGINEER AND HE SHALL SUBMIT THE NECESSARY REVISED OR
SUPPLEMENTAL IMPROVEMENT PLANS FOR REVIEW AND APPROVAL BY PIMA
COUNTY DEVELOPMENT SERVICES.

GENERAL NOTES

1. ALL WORK FOR REMOVAL OF UNDERGROUND STORAGE TANKS (UST) MUST
CONFORM TO ADEQ STANDARDS FOR UST CLOSURE. A TANK SERVICE PROVIDER
MUST BE CERTIFIED BY ADEQ TO DECOMMISSION THE UST. CONTRACTOR WILL
BE RESPONSIBLE TO OBTAIN PERMITS & ASSOCIATED FEES BY ADEQ FOR UST
CLOSURE.
2. THE CONTRACTOR AGREES TO PROTECT ALL ADJACENT PROPERTY AND EXISTING
IMPROVEMENTS, INCLUDING POSITIVE CONTROL OF EARTH SPILLAGE,
CONSTRUCTION WATER, AND RUNOFF WATERS.
3. THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE
RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF THE PROJECT,
INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL
APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE
CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER
HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION
WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY
ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
4. IF THERE ARE ANY QUESTIONS REGARDING THESE PLANS OR FIELD STAKES, THE
CONTRACTOR SHALL REQUEST AN INTERPRETATION BEFORE DOING ANY WORK BY
CALLING THE ENGINEER.
5. ALL NOTES SHALL APPLY TO ALL CONSTRUCTION DISCIPLINES INVOLVED
WITH THIS PROJECT.
6. CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE
NATIVE VEGETATION WITH ALL OPEN SPACE AREAS AND CONFINE HIS OPERATIONS
TO THE GRADING LIMITS SHOWN.
7. WRITTEN PERMISSION SHALL BE OBTAINED IN ADVANCE FOR ANY OFF-SITE GRADING.
8. THE CONTRACTOR SHALL FACILITATE THE WORK OF THE COUNTY TESTING AGENT
AND HIS DESIGNATED INSPECTOR DURING COMPACTION TESTS FOR FILLING AND
COMPACTION OPERATIONS.
9. CUT AND FILL SLOPES SHALL BE TRIMMED TO THE FINISH GRADE TO PRODUCE A
SMOOTH SURFACE AND UNIFORM CROSS-SECTION. THE SLOPE OF THE
EXCAVATIONS OR EMBANKMENTS SHALL BE SHAPED AND TRIMMED
AND LEFT IN A NEAT AND ORDERLY CONDITION. ALL STONES, ROOTS,
OR OTHER WASTE MATTER EXPOSED ON EXCAVATION OR EMBANKMENT SLOPES
SHALL BE REMOVED AND LEGALLY DISPOSED OF OFF-SITE BY THE CONTRACTOR.
10. EXCAVATED SLOPES SHALL BE A MAXIMUM OF 1.5(H) TO 1(V) UNLESS A
PROFESSIONAL DEEMED COMPETENT IN ASSESSING SOILS DETERMINES THAT SLOPES
MAY BE STEEPER. CONTRACTOR IS REQUIRED TO COMPLY W/ OSHA 1926.652.
11. THE CONTRACTOR SHALL PRESERVE ALL STAKES SET FOR THE LINES, LEVELS OR
MEASUREMENTS OF THE WORK IN THEIR PROPER PLACES UNTIL AUTHORIZED TO
REMOVE THEM BY THE ENGINEERS.
12. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH, HAUL AND
APPLY ALL WATER REQUIRED FOR COMPACTION AND FOR THE CONTROL OF
DUST FROM CONSTRUCTION ACTIVITY. (THE COST THEREOF IS TO BE INCLUDED
IN THE GRADING CONSTRUCTION PRICE). WATER TO BE FURNISHED BY OWNER
ON SITE.
13. ALL EARTHWORK OPERATIONS SHALL BE DONE UNDER THE OBSERVATION OF
PIMA COUNTY'S MATERIALS TESTING PERSONNEL AND IN ACCORDANCE WITH
THE RECOMMENDATIONS SET FORTH IN THE PROJECT SPECIFICATIONS.
14. PRIOR TO THE START OF GRADING, ALL VEGETATION AND OBSTRUCTIONS, AS
WELL AS TRASH, SHALL BE REMOVED FROM CUT AND FILL AREAS AND LEGALLY
DISPOSED OF OFF-SITE. ANY EXISTING IRRIGATION, DRAINAGE OR UTILITY
LINES OR OTHER ABANDONED SUBSURFACE STRUCTURES SHALL BE REMOVED,
DESTROYED OR ABANDONED IN COMPLIANCE WITH SPECIFICATIONS OR THE
APPROPRIATE BUILDING OFFICIAL OR THE SOILS ENGINEER. BRUSH SHALL BE
REMOVED ONLY WITHIN THE AREA TO BE GRADED.
15. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FULLY COMPLY WITH
THE AZPDES STORM WATER DISCHARGE PERMIT FOR CONSTRUCTION
ACTIVITIES.
16. EXISTING ELEVATIONS SHOWN ON GRADING PLAN BASED ON
SURVEY CONDUCTED BY ENGINEERING AND ENVIRONMENTAL
CONSULTANTS, INC. ON NOVEMBER 8, 2010.

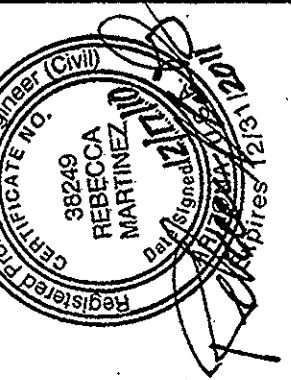


LOCATION MAP
A PORTION OF SECTION 28
T.13S., R.14E. G. & S.R.M.
CITY OF TUCSON
PIMA COUNTY, ARIZONA



**RICHEY BLVD. FUEL TANK
REPLACEMENT**

PIMA COUNTY
FACILITIES MANAGEMENT
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ARCHITECTURE
ENGINEERING
CONSTRUCTION MANAGEMENT



Revisions

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**GENERAL
NOTES**

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