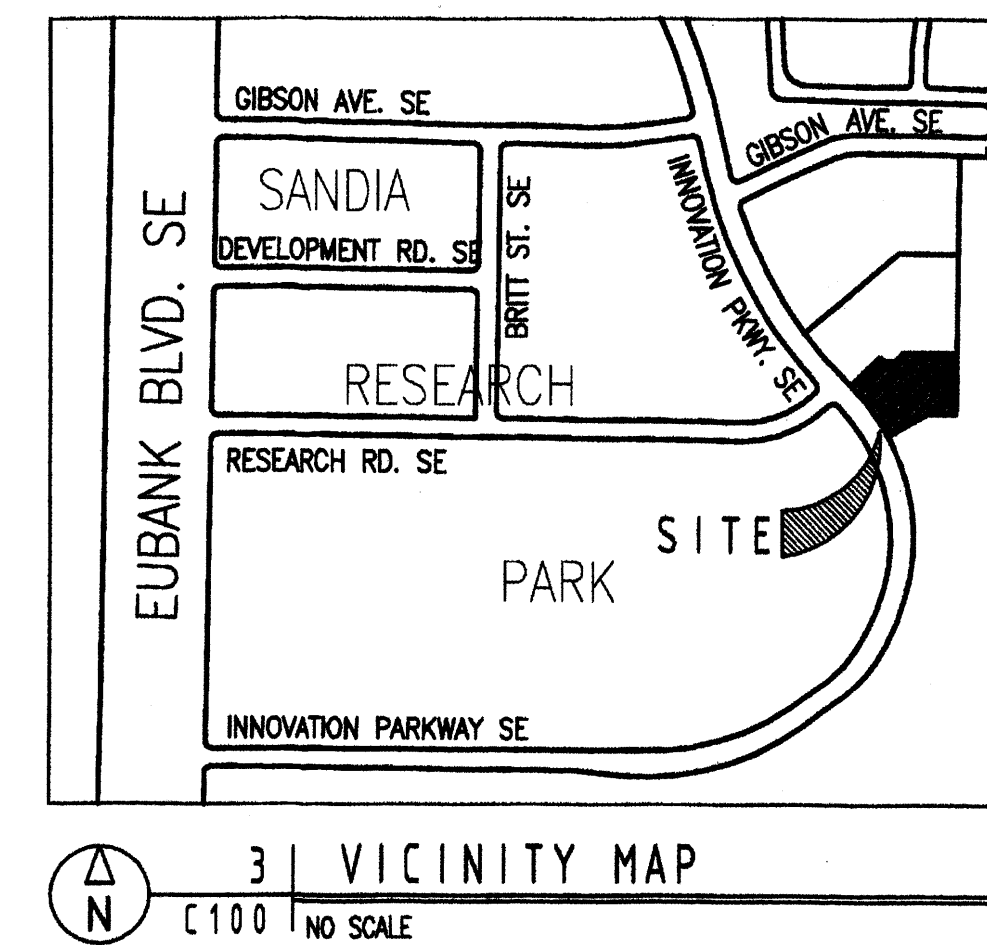


ADMINISTRATIVE AMENDMENT
FILE # 11-10154 PROJECT # 1004320
 replace "future" office bldg.
 w/ 3 SAFs
 1/25/12
 APPROVED BY Manore DATE

PROJECT NOTES:

1. THE ANTENNAS TO BE OPERATED AT THIS FACILITY DO NOT GENERATE RF SIGNALS AND AS SUCH, ARE EXEMPT FROM FCC GUIDELINES.
 IF ANTENNAS THAT DO GENERATE RF SIGNALS ARE EVER USED AT THIS SITE, THEY SHALL BE SUBJECT TO THE REGULATIONS OF THE FEDERAL COMMUNICATIONS COMMISSION (FCC). THE FCC HAS DETERMINED THAT RADIO FREQUENCY SIGNALS (RF) GENERATED BY SATELLITE ANTENNA TRANSMISSIONS ARE SUBJECT TO ITS RULES, INCLUDING WITHOUT LIMITATION 47 C.F.R. §1.1307 ET SEQ (THE RF SAFETY RULES).
2. DESCRIPTION OF FACILITY USE: THE ANTENNA SYSTEMS AT THE SITE WILL BE USED FOR A VARIETY OF PURPOSES. BUT, IN GENERAL, THE ANTENNAS AT THE SITE WILL BE UNDERGOING FACTORY ACCEPTANCE TESTING, TRAINING ANTENNA OPERATORS, BEING PREPARED FOR MISSION OPERATIONS, TRAINING CUSTOMERS, UNDERGOING TEST OPERATIONS SUCH AS TRACKING SATELLITES, ETC, OR SIMPLY BEING STORED FOR FUTURE USE.
2. A 6' HIGH TAN SPLIT FACED MASONRY SCREENWALL SHALL SURROUND THE ANTENNA AREA. THE WALL SHALL BE CONTINUOUS EXCEPT FOR TWO 16' WIDE ACCESS GATES.



PROJECT SITE DATA:

LOCATION: 1460 INNOVATION PARKWAY SE, ALBUQUERQUE, NM
 PROPERTY OWNER: AVALON TECH II LLC, 320 OSUNA RD. NE, SUITE G, ALBUQUERQUE, NM 87107
 ARCHITECTS: slagleHERR ARCHITECTS, INC., (505) 246-0870, 1600 RIO GRANDE BLVD. NW, ALBUQUERQUE, NM
 LEGAL DESCRIPTION: TRACT E-B-2 PLAT OF TRACTS E-2-A AND E-2-B, SANDIA RESEARCH PARK, ALBUQUERQUE, NM
 ZONING: IP
 ZONE ATLAS PAGE: M-21
 UPC NUMBER: 102105524646520402
 TOTAL LOT AREA: (1.45 AC) 63,162 S.F.
 PROJECT FOOTPRINT AREA (100' x 125'): 12,500 S.F.
 NET LOT AREA: 50,662 S.F.
 MIN. LANDSCAPE AREA REQUIRED (15%): 7,600 S.F.
 LANDSCAPE AREA PROVIDED (31%): 15,619 S.F.

DRAWING INDEX:

C100 SITE PLAN AND SITE DATA
 C101 EXTERIOR ELEVATIONS
 C102 GRADING & DRAINAGE PLAN
 E1.0 ELECTRICAL SITE PLAN
 L1 LANDSCAPE PLAN

ANTENNA DEVELOPMENT PROJECT FOR

Raytheon Ktech

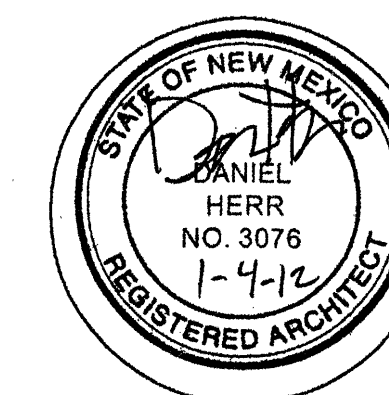
1460 Innovation Parkway SE Albuquerque NM

slagle
HERR

1600 rio grande nw
albuquerque
new mexico 87104

fax 505 246 0437

SITE PLAN AND SITE DATA



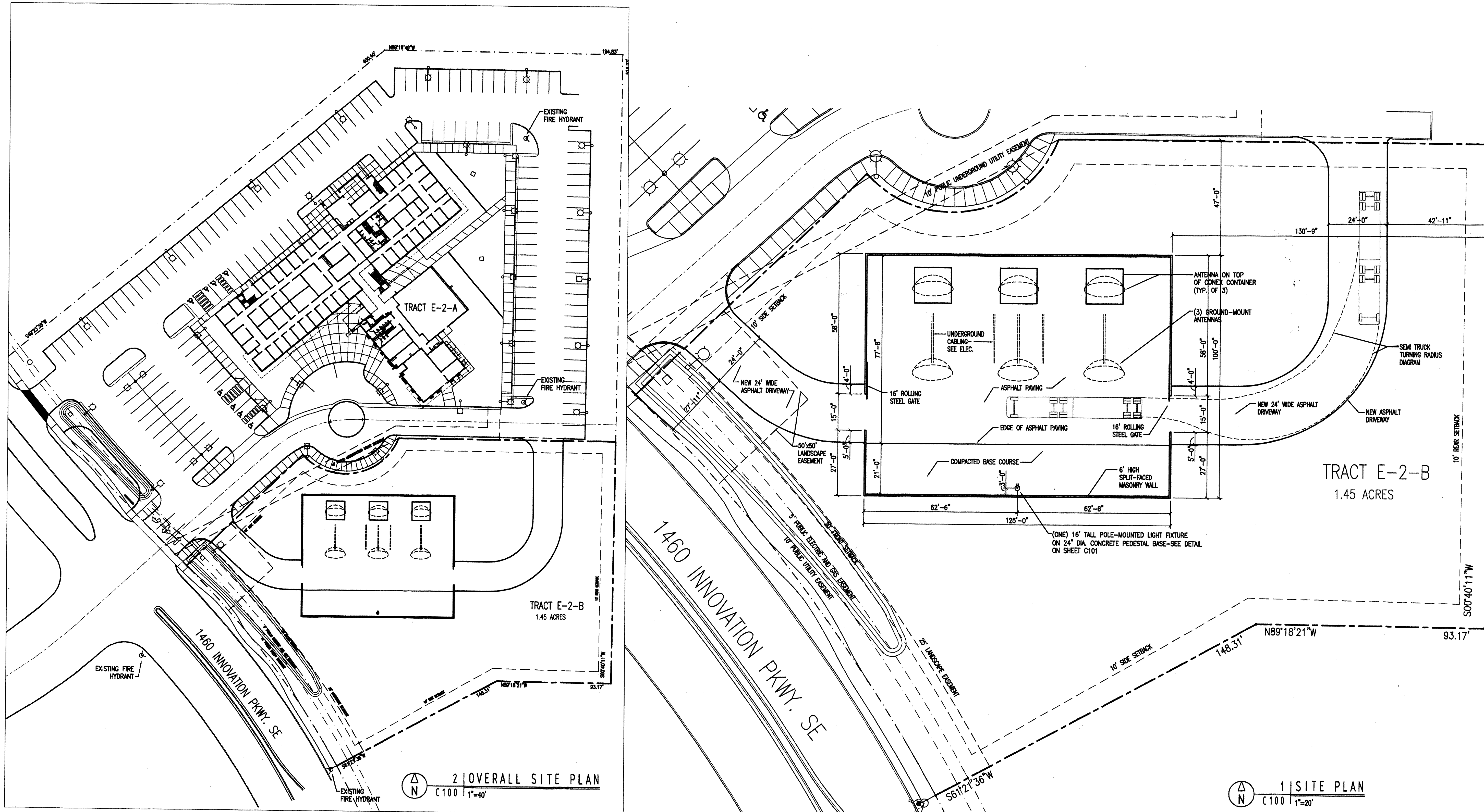
revisions:

RECEIVED
AUG 08 2012

date: 1/4/12

sheet:

C100

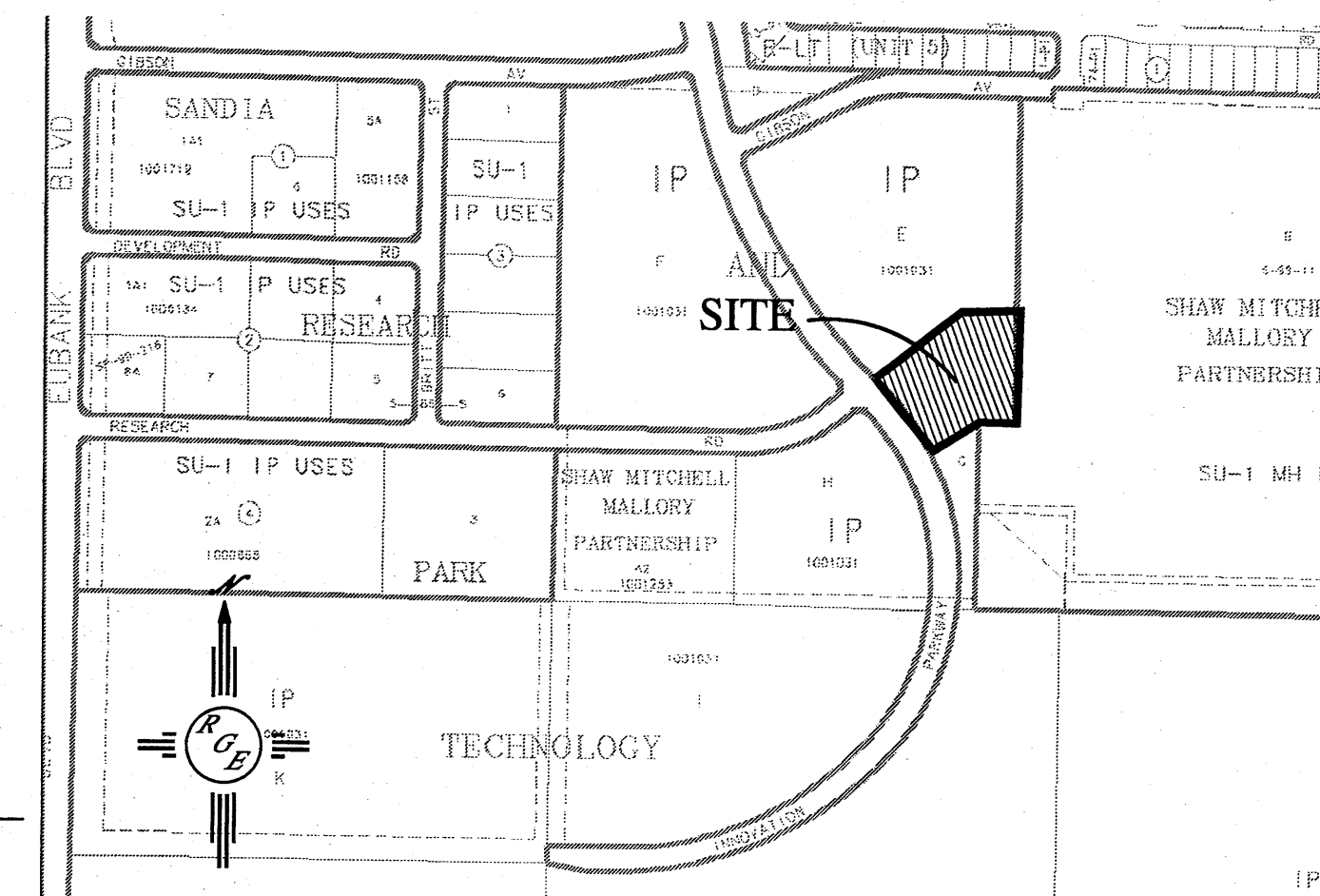


EROSION CONTROL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A GRADING PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.
6. ENCROACHMENT INTO ADJACENT PROPERTIES IS NOT ALLOWED WITHOUT A WRITTEN ENCROACHMENT AGREEMENT WITH THE ADJACENT PROPERTY OWNERS.

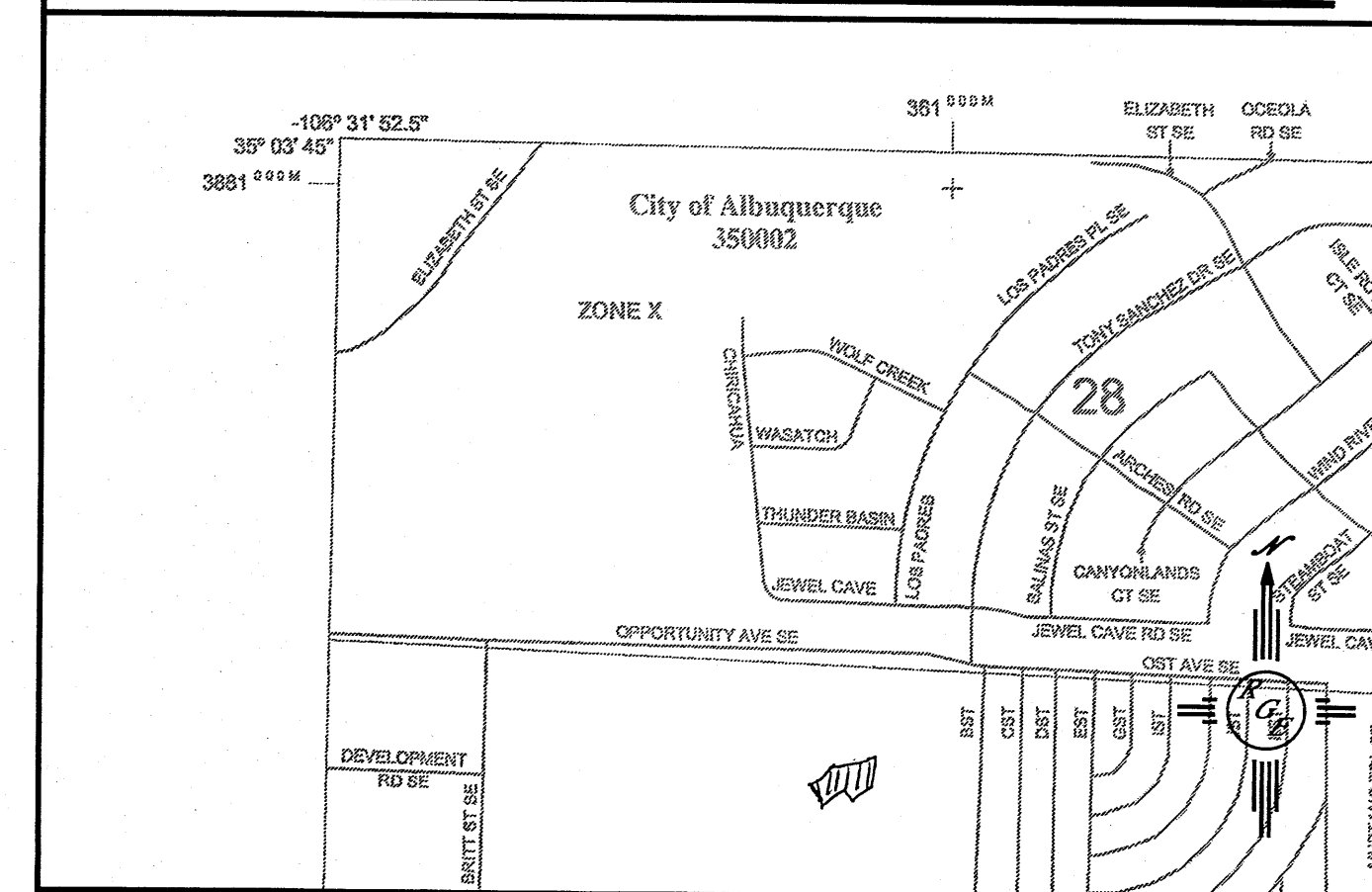
NOTES:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.



VICINITY MAP:

M-21-Z



FIRM MAP

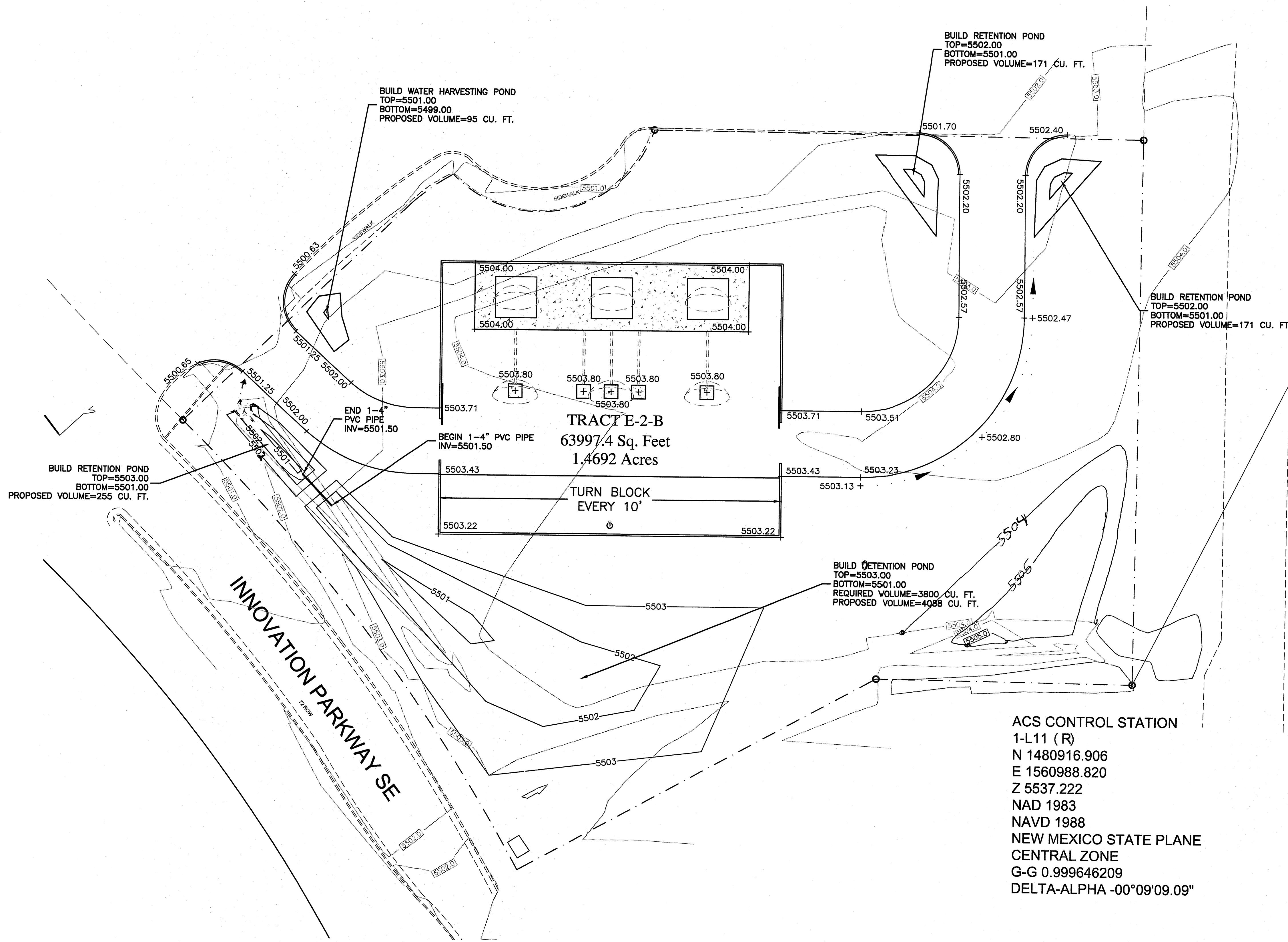
35001CO367E

LEGAL DESCRIPTION:

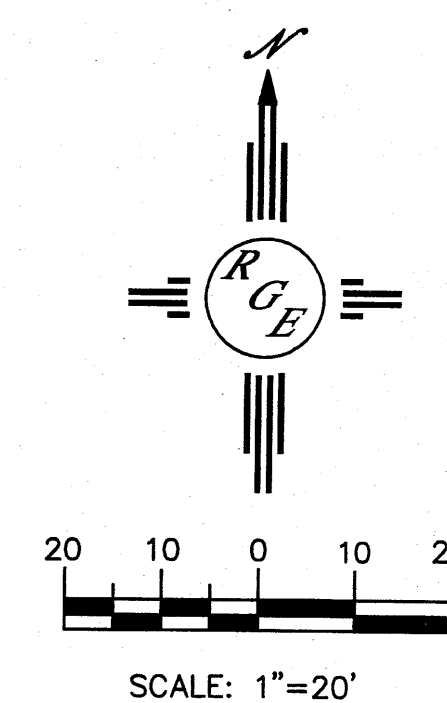
TRACT E-2-B

LEGEND

- LOT LINE
- EXISTING CONTOUR
- EXISTING INDEX CONTOUR
- PROPOSED CONTOUR
- PROPOSED INDEX CONTOUR
- FLOW ARROW
- CENTERLINE
- LIMITS OF TYP. RIP RAP CHANNEL



ACS CONTROL STATION
1-L11 (R)
N 1480916.906
E 1560988.820
Z 5537.222
NAD 1983
NAVD 1988
NEW MEXICO STATE PLANE
CENTRAL ZONE
G-G 0.999646209
DELTA-ALPHA -00°09'09.09"



CAUTION:

EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.

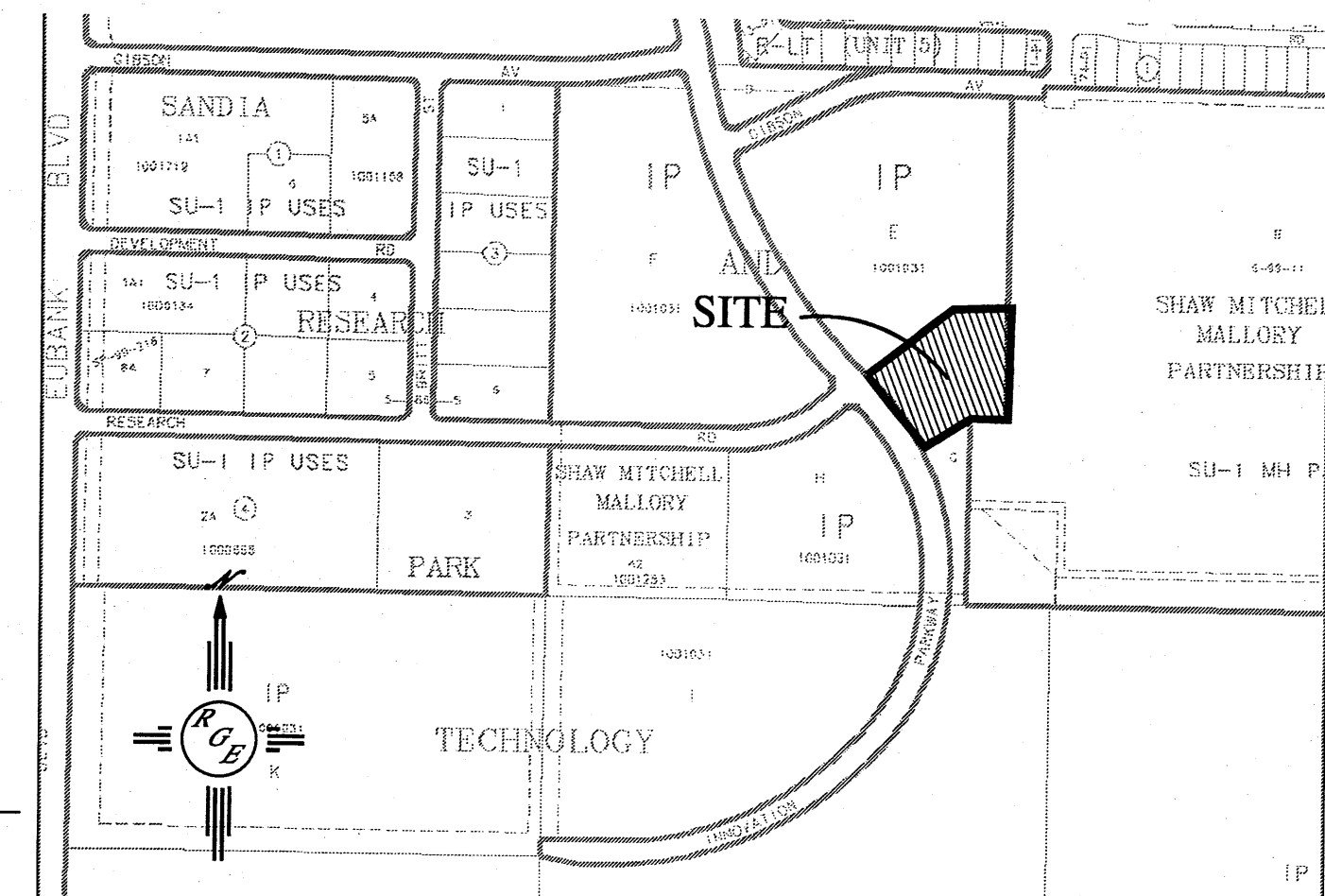
ENGINEER'S SEAL	1460 INNOVATION PARKWAY	DRAWN BY WCUJ
DAVID SOULE P.E. #14522	GRADING AND DRAINAGE PLAN	DATE 8-18-11
	Rio Grande Engineering	21125-LAYOUT-8-02-11
	1606 CENTRAL AVENUE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0999	SHEET #
		JOB # 21125

EROSION CONTROL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A GRADING PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.
6. ENCROACHMENT INTO ADJACENT PROPERTIES IS NOT ALLOWED WITHOUT A WRITTEN ENCROACHMENT AGREEMENT WITH THE ADJACENT PROPERTY OWNERS.

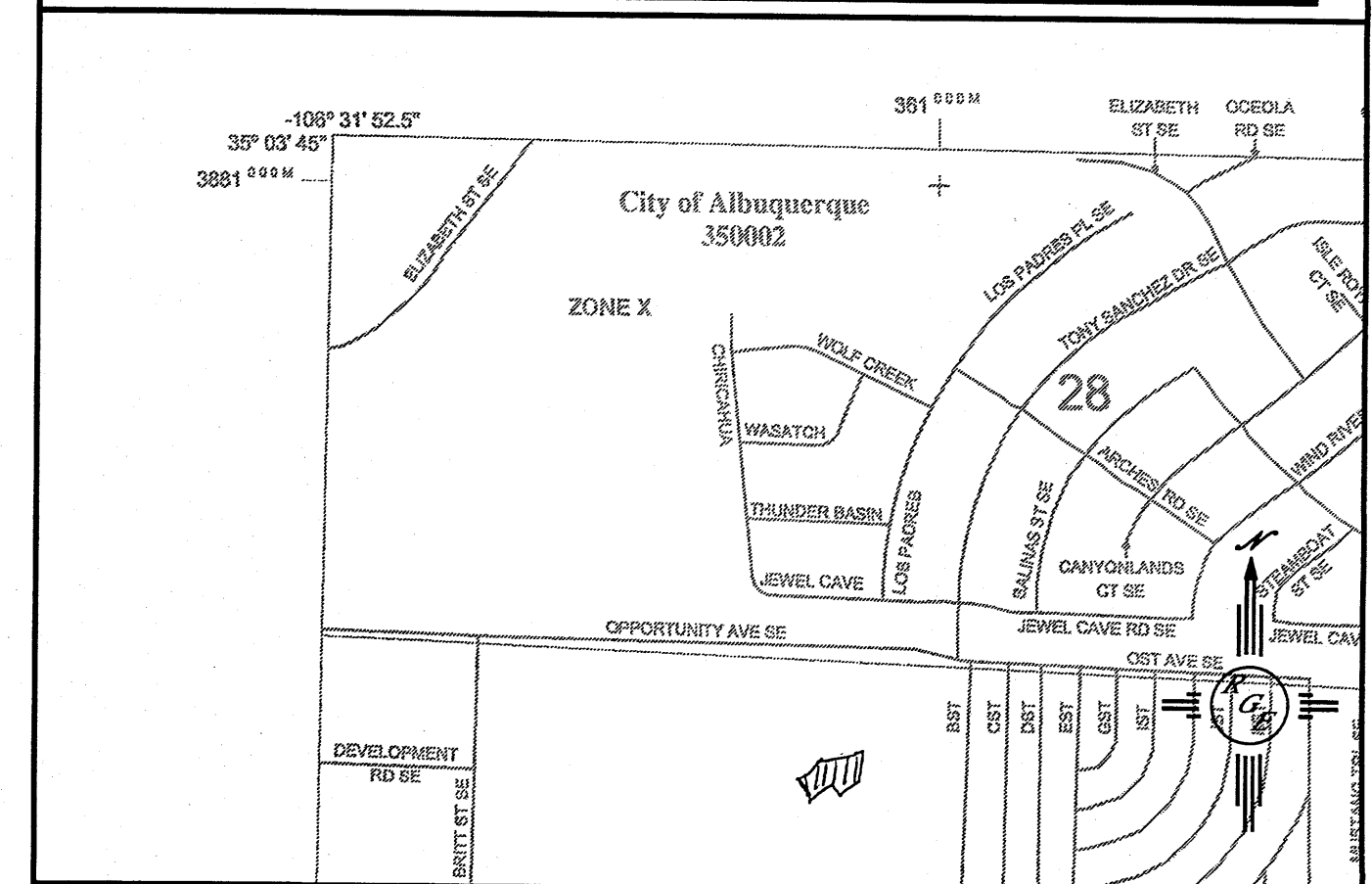
NOTES:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.



VICINITY MAP:

M-21-Z



FIRM MAP

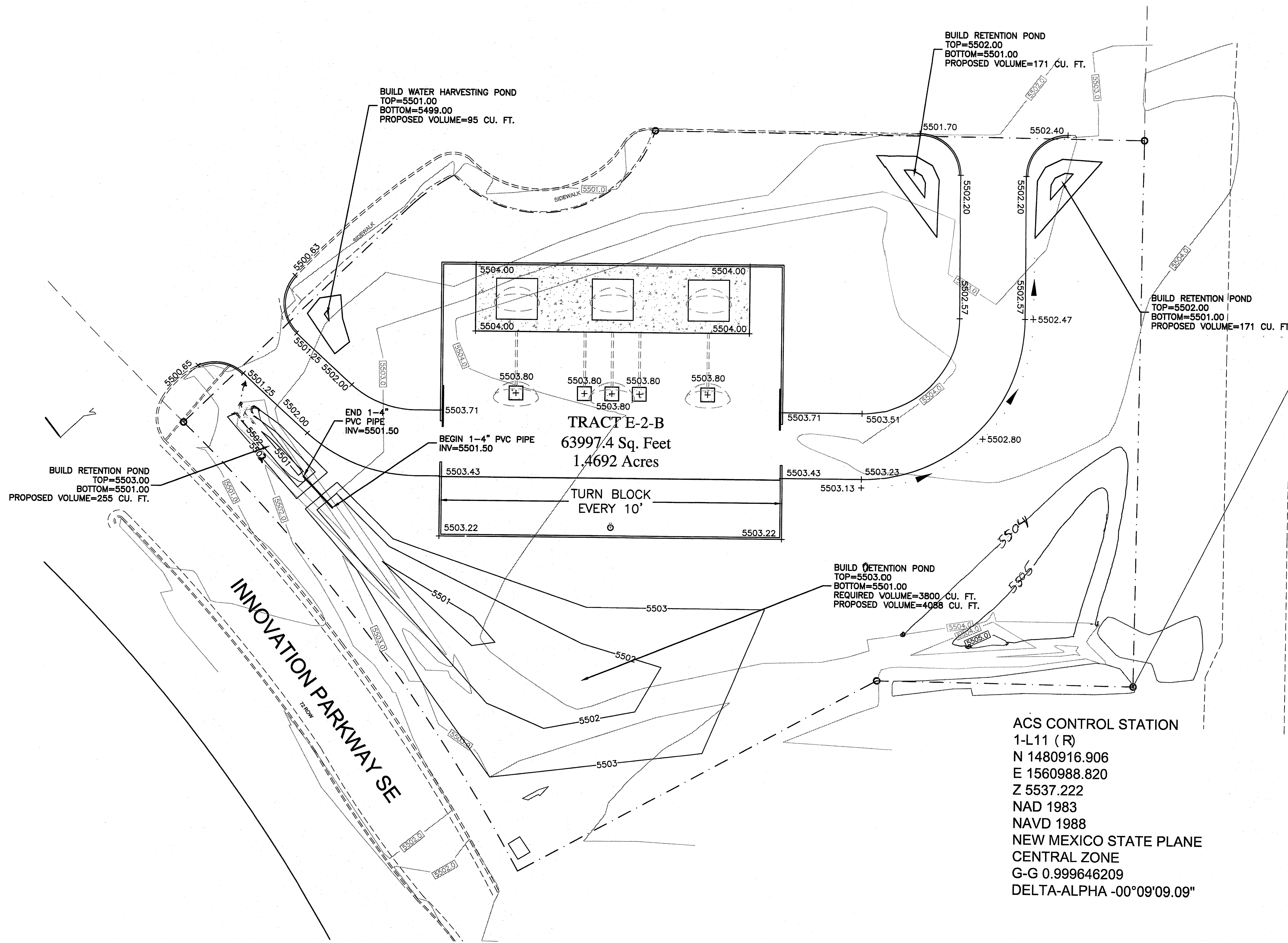
35001C0367E

LEGAL DESCRIPTION:

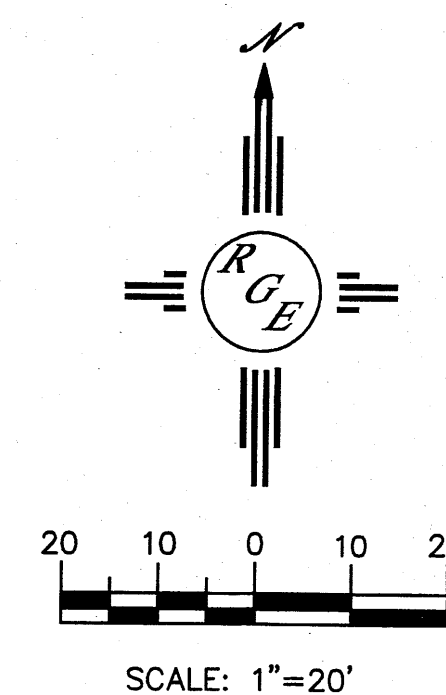
TRACT E-2-B

LEGEND

- LOT LINE
- EXISTING CONTOUR
- EXISTING INDEX CONTOUR
- PROPOSED CONTOUR
- PROPOSED INDEX CONTOUR
- FLOW ARROW
- CENTERLINE
- LIMITS OF TYP. RIP RAP CHANNEL



ACS CONTROL STATION
1-L11 (R)
N 1480916.906
E 1560988.820
Z 5537.222
NAD 1983
NAVD 1988
NEW MEXICO STATE PLANE
CENTRAL ZONE
G-G 0.999646209
DELTA-ALPHA -00°09'09.09"

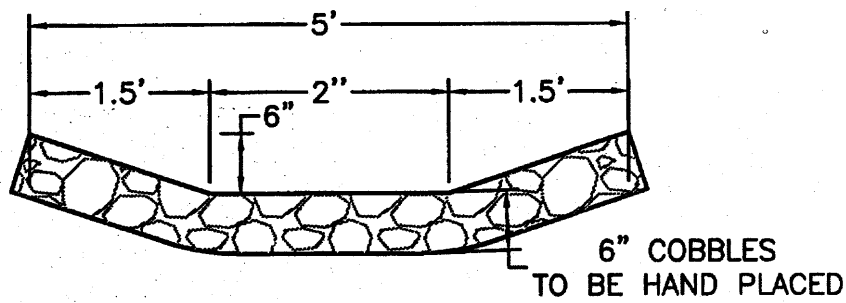


CAUTION:

EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.

ENGINEER'S SEAL DAVID SOULE P.E. #14522	1460 INNOVATION PARKWAY GRADING AND DRAINAGE PLAN <i>Rio Grande Engineering</i> 1606 CENTRAL AVENUE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0999	DRAWN BY WCWJ DATE 8-18-11 21125-LAYOUT-8-02-11 SHEET # JOB # 21125
---	--	--

CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD	CHORD LENGTH
C1	203.98	686.00	17°02'12"	N37°09'17"W	203.23
C2	19.10	79.00	13°51'02"	S54°33'58"W	19.05
C3	90.14	44.00	117°22'36"	N77°08'28"E	75.18



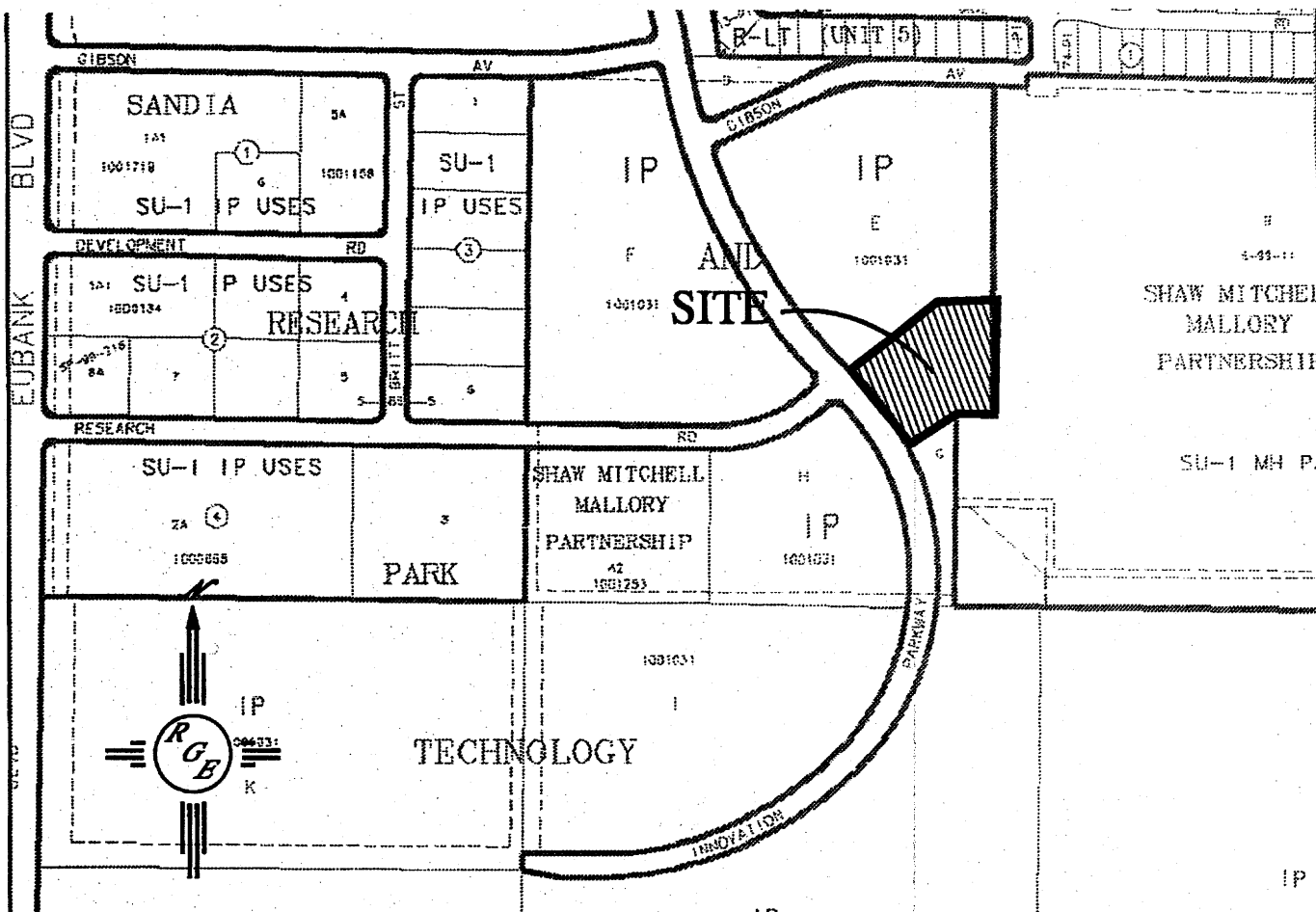
COBBLE SWALE DETAIL
NTS

EROSION CONTROL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A GRADING PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.
6. ENCROACHMENT INTO ADJACENT PROPERTIES IS NOT ALLOWED WITHOUT A WRITTEN ENCROACHMENT AGREEMENT WITH THE ADJACENT PROPERTY OWNERS.

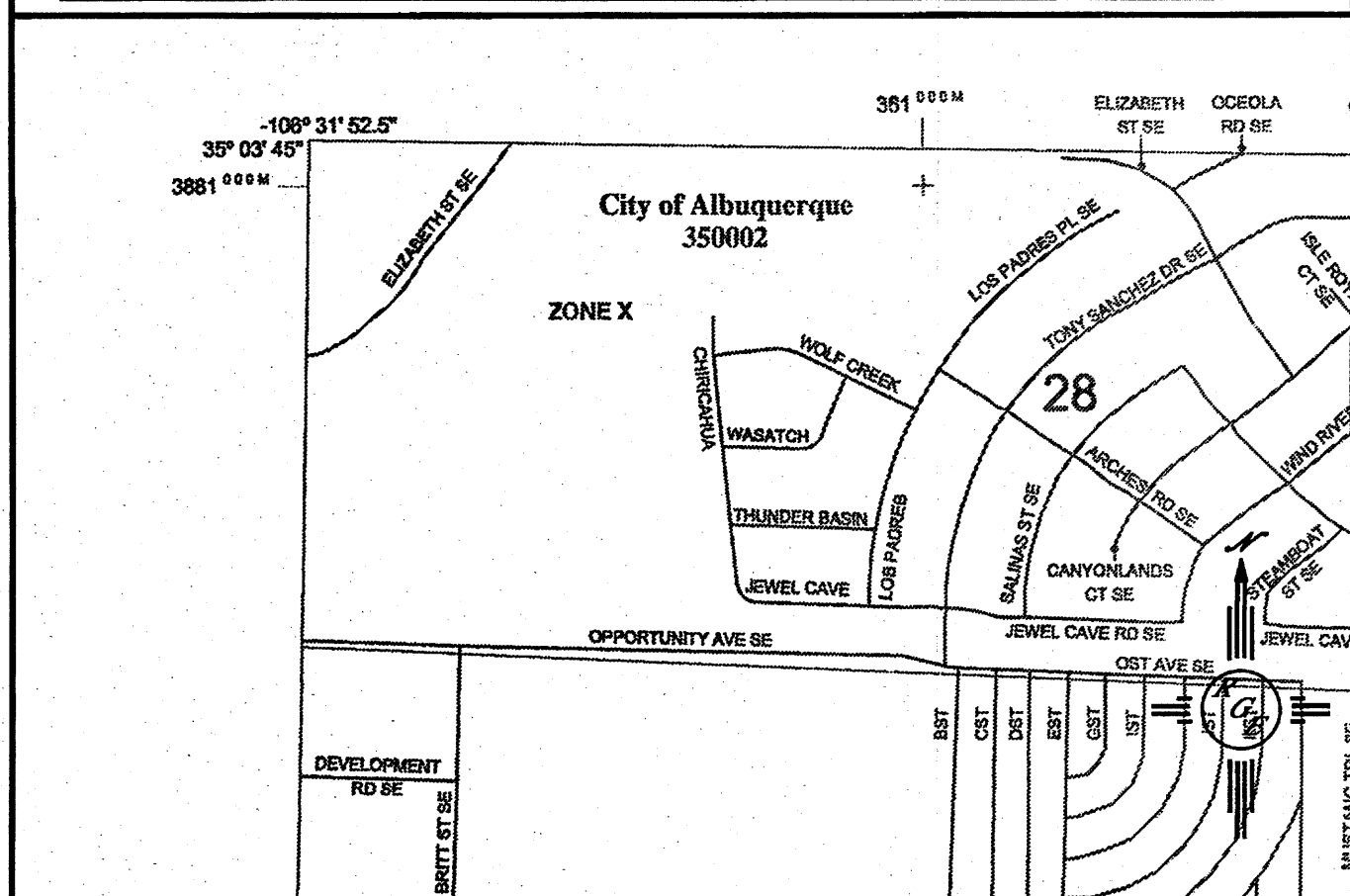
NOTES:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.



VICINITY MAP:

M-21-Z



FIRM MAP

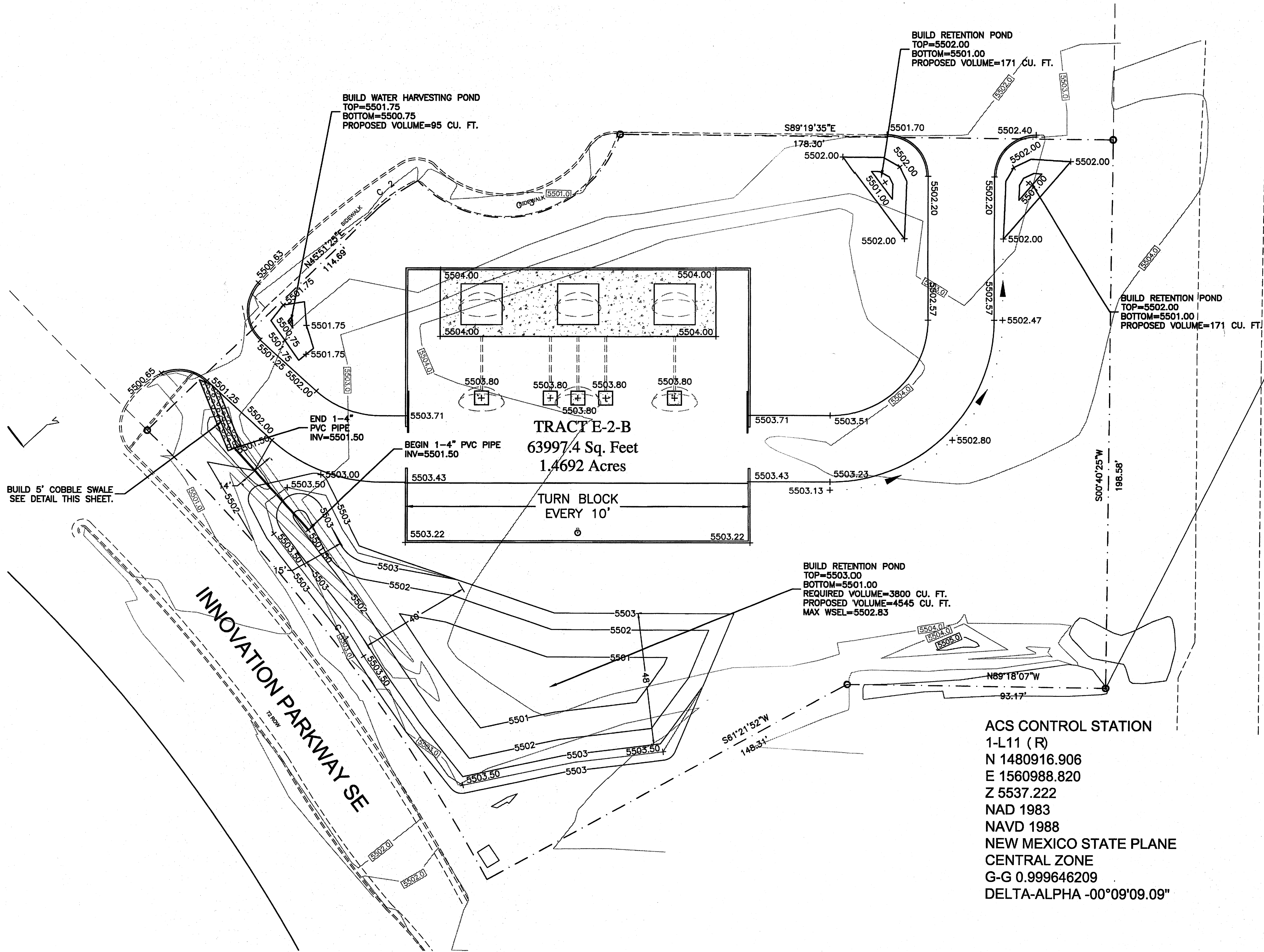
35001CO367E

LEGAL DESCRIPTION:

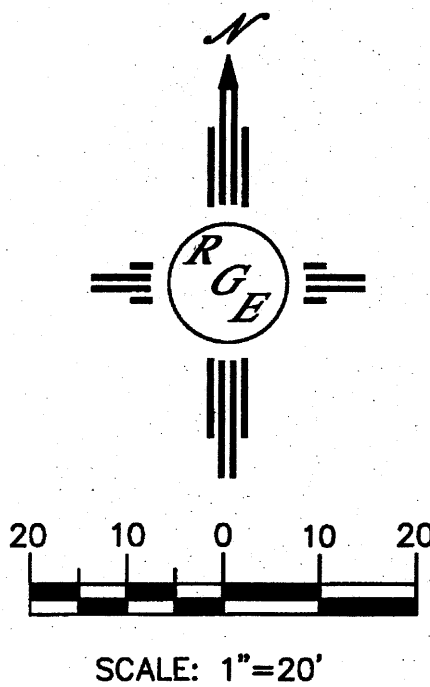
TRACT E-2-B

LEGEND

- LOT LINE
- EXISTING CONTOUR
- EXISTING INDEX CONTOUR
- PROPOSED CONTOUR
- PROPOSED INDEX CONTOUR
- FLOW ARROW
- CENTERLINE
- LIMITS OF TYP. RIP RAP CHANNEL



ACS CONTROL STATION
1-L11 (R)
N 1480916.906
E 1560988.820
Z 5537.222
NAD 1983
NAVD 1988
NEW MEXICO STATE PLANE
CENTRAL ZONE
G-G 0.999646209
DELTA-ALPHA -00°09'09.09"



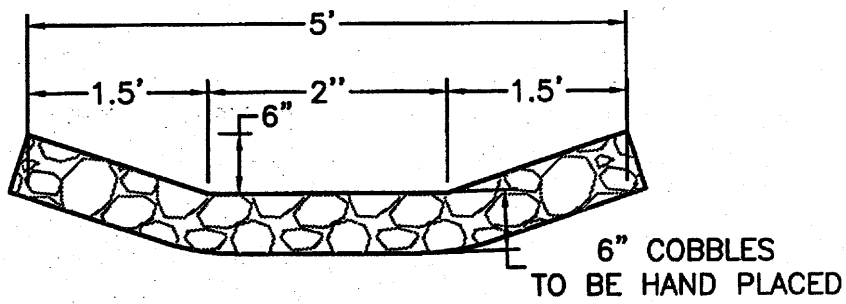
CAUTION:

EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.

SEP 12 2011

ENGINEER'S SEAL DAVID SOULE NEW MEXICO REGISTERED PROFESSIONAL ENGINEER 14522	1460 INNOVATION PARKWAY	DRAWN BY WCWJ
	GRADING AND DRAINAGE PLAN	DATE 9-08-11
 1606 CENTRAL AVENUE SUITE 201 ALBUQUERQUE, NM 87108 (505) 872-0880		21125-LAYOUT-8-02-11
		SHEET # -
DAVID SOULE P.E. #14522		JOB # 21125

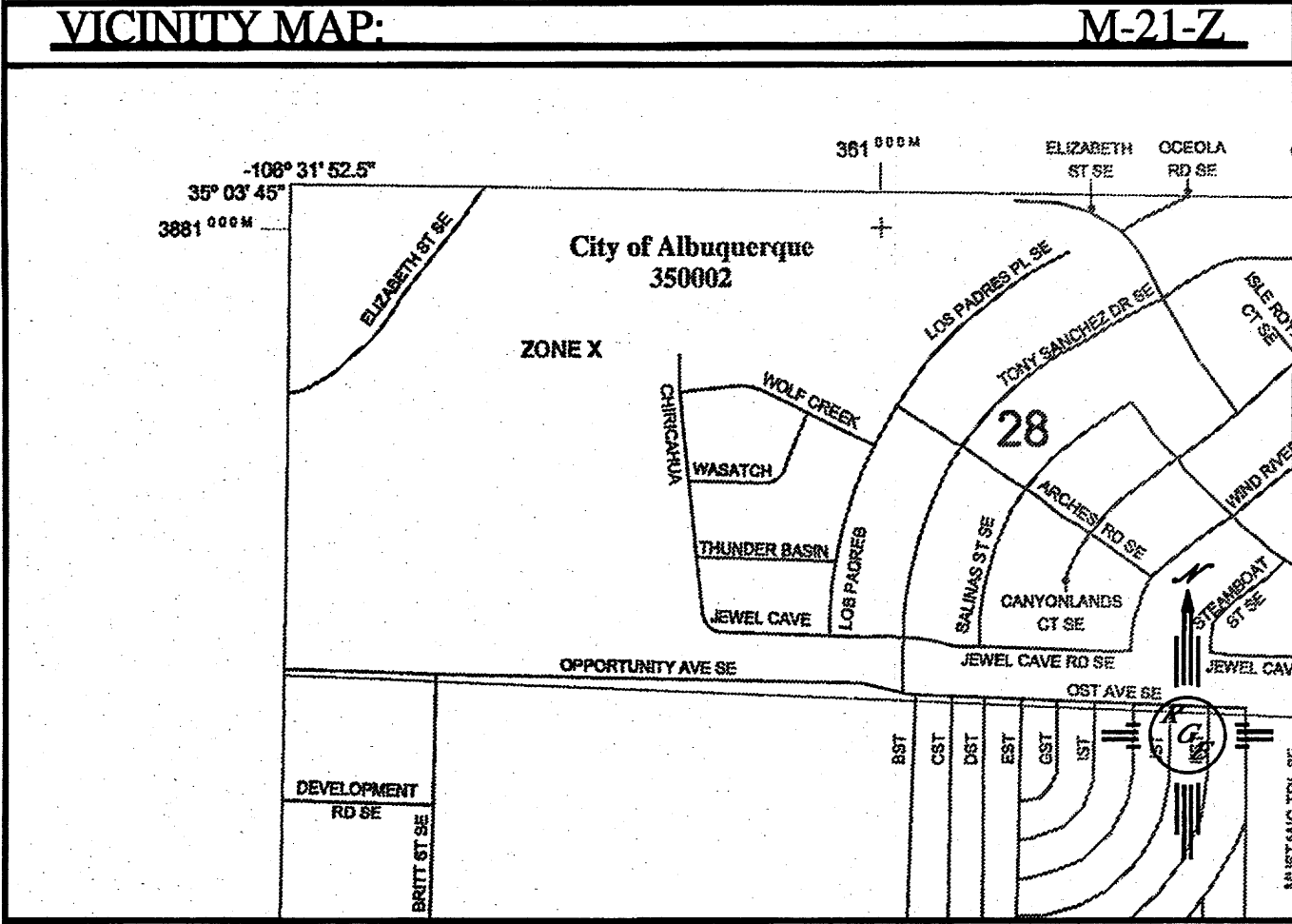
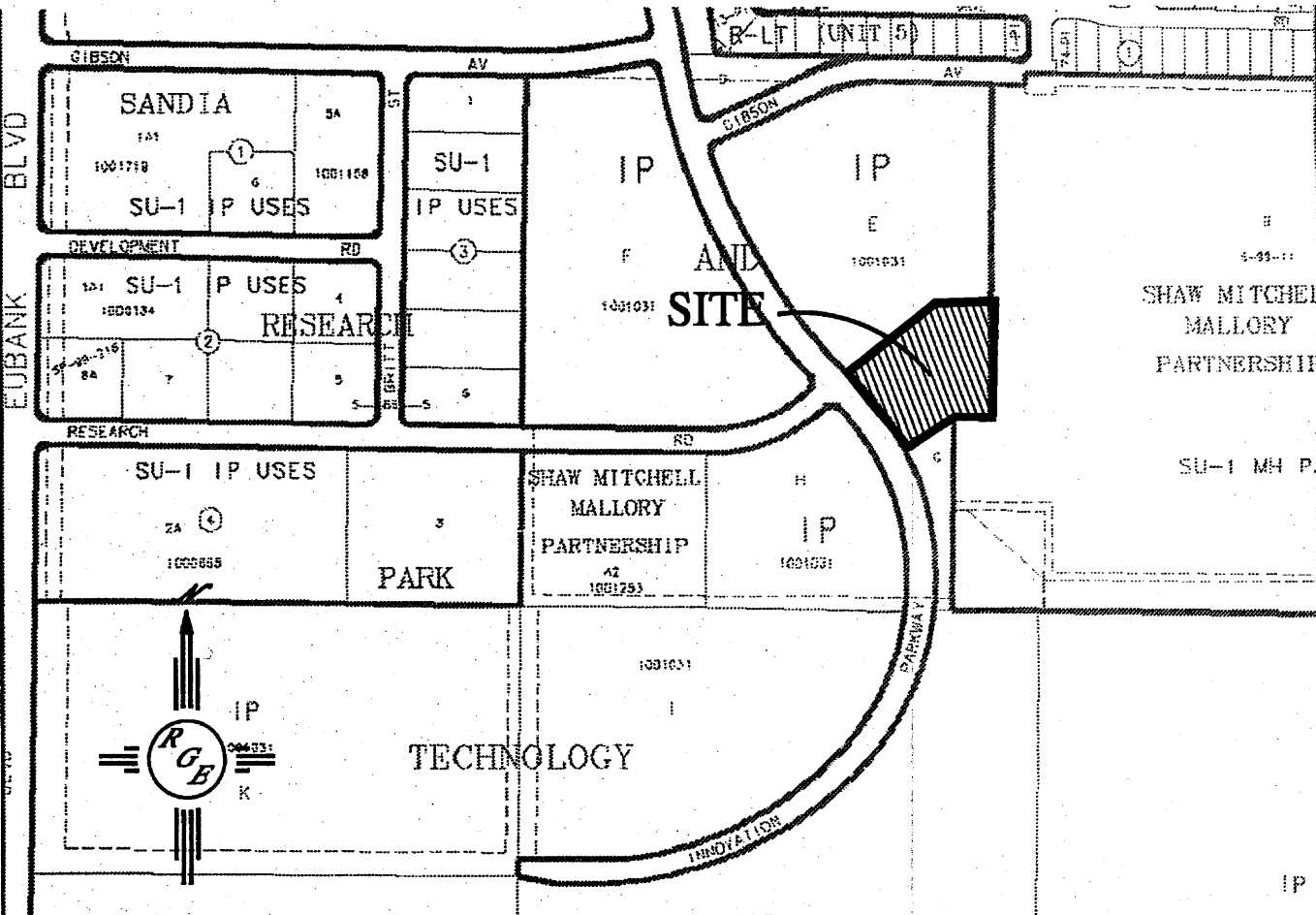
CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD	CHORD LENGTH
C1	203.98	686.00	17°02'12"	N37°09'17"W	203.23
C2	19.10	79.00	13°51'02"	S54°33'58"W	19.05
C3	90.14	44.00	117°22'36"	N77°08'28"E	75.18



COBBLE SWALE DETAIL
NTS

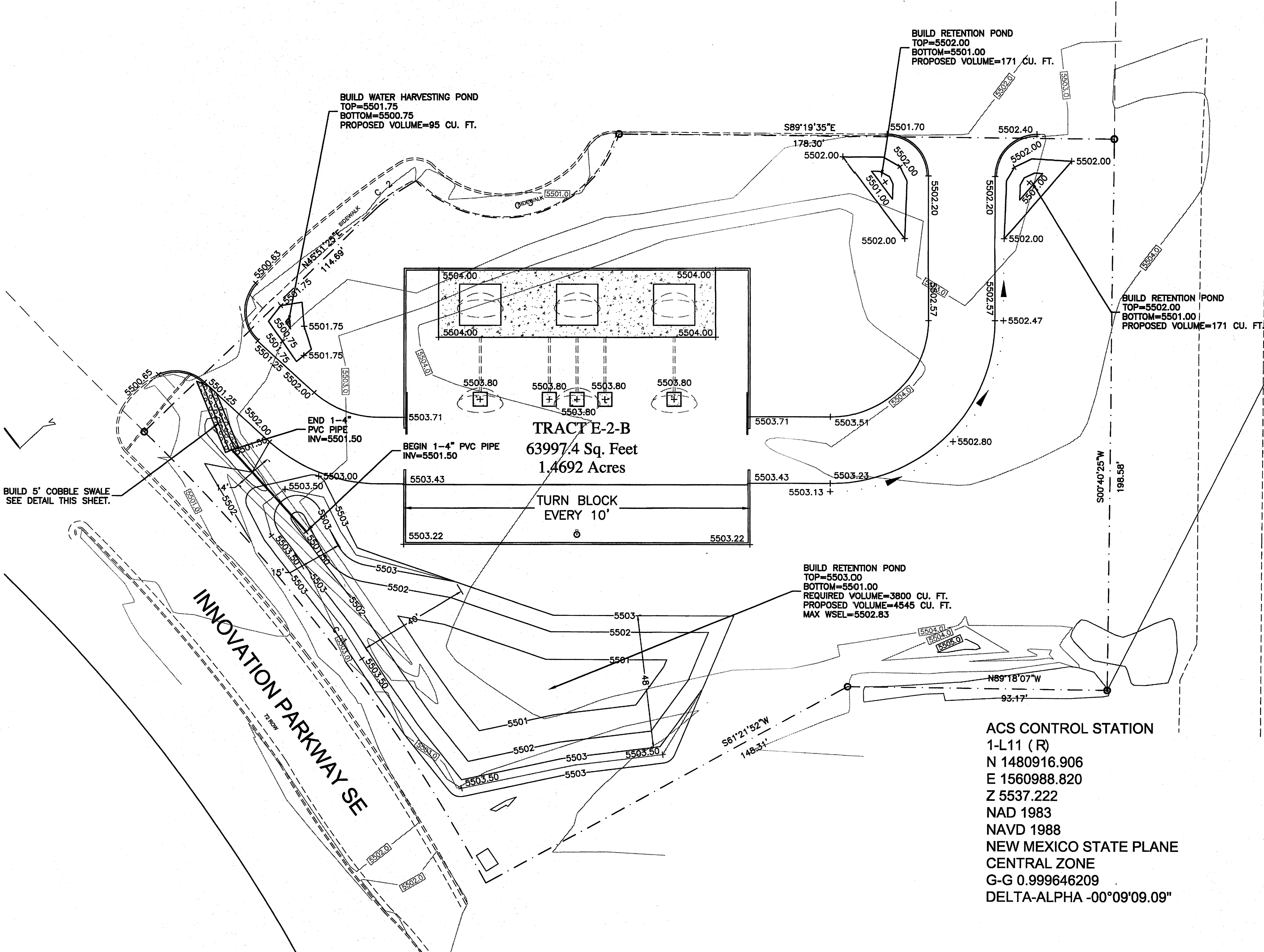
- EROSION CONTROL NOTES:**
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A GRADING PERMIT PRIOR TO BEGINNING WORK.
 2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
 3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
 4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
 5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.
 6. ENCROACHMENT INTO ADJACENT PROPERTIES IS NOT ALLOWED WITHOUT A WRITTEN ENCROACHMENT AGREEMENT WITH THE ADJACENT PROPERTY OWNERS.

NOTES:
1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.



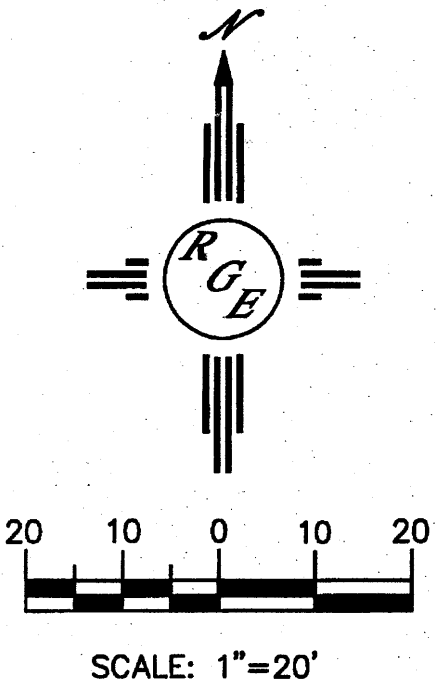
LEGAL DESCRIPTION:
TRACT E-2-B

- LEGEND**
- LOT LINE
 - EXISTING CONTOUR
 - EXISTING INDEX CONTOUR
 - PROPOSED CONTOUR
 - PROPOSED INDEX CONTOUR
 - FLOW ARROW
 - CENTERLINE
 - LIMITS OF TYP. RIP RAP CHANNEL



CAUTION:
EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.

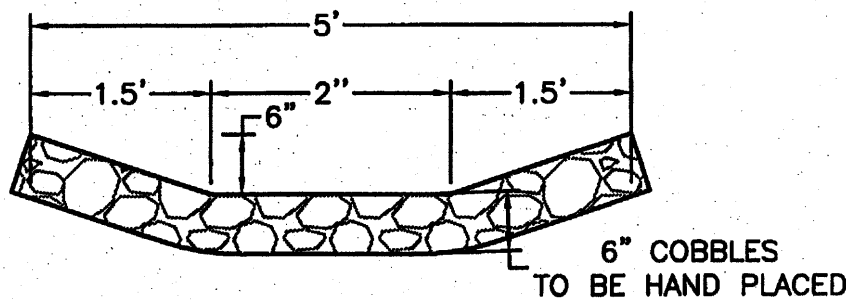
ENGINEER'S SEAL 	1460 INNOVATION PARKWAY	DRAWN BY WCVJ
	GRADING AND DRAINAGE PLAN	DATE 9-08-11
 1806 CENTRAL AVENUE SUITE 201 ALBUQUERQUE, NM 87106 (505) 874-0959		21125-LAYOUT-B-02-11
		SHEET #
		JOB # 21125



ACS CONTROL STATION
1-L11 (R)
N 1480916.906
E 1560988.820
Z 5537.222
NAD 1983
NAVD 1988
NEW MEXICO STATE PLANE
CENTRAL ZONE
G-G 0.999646209
DELTA-ALPHA -00°09'09.09"

SEP 12 2011

CURVE TABLE					
CURVE	LENGTH	RADIUS	DELTA	CHORD	CHORD LENGTH
C1	203.98	686.00	17°02'12"	N37°09'17"W	203.23
C2	19.10	79.00	13°51'02"	S54°33'58"W	19.05
C3	90.14	44.00	117°22'36"	N77°08'28"E	75.18



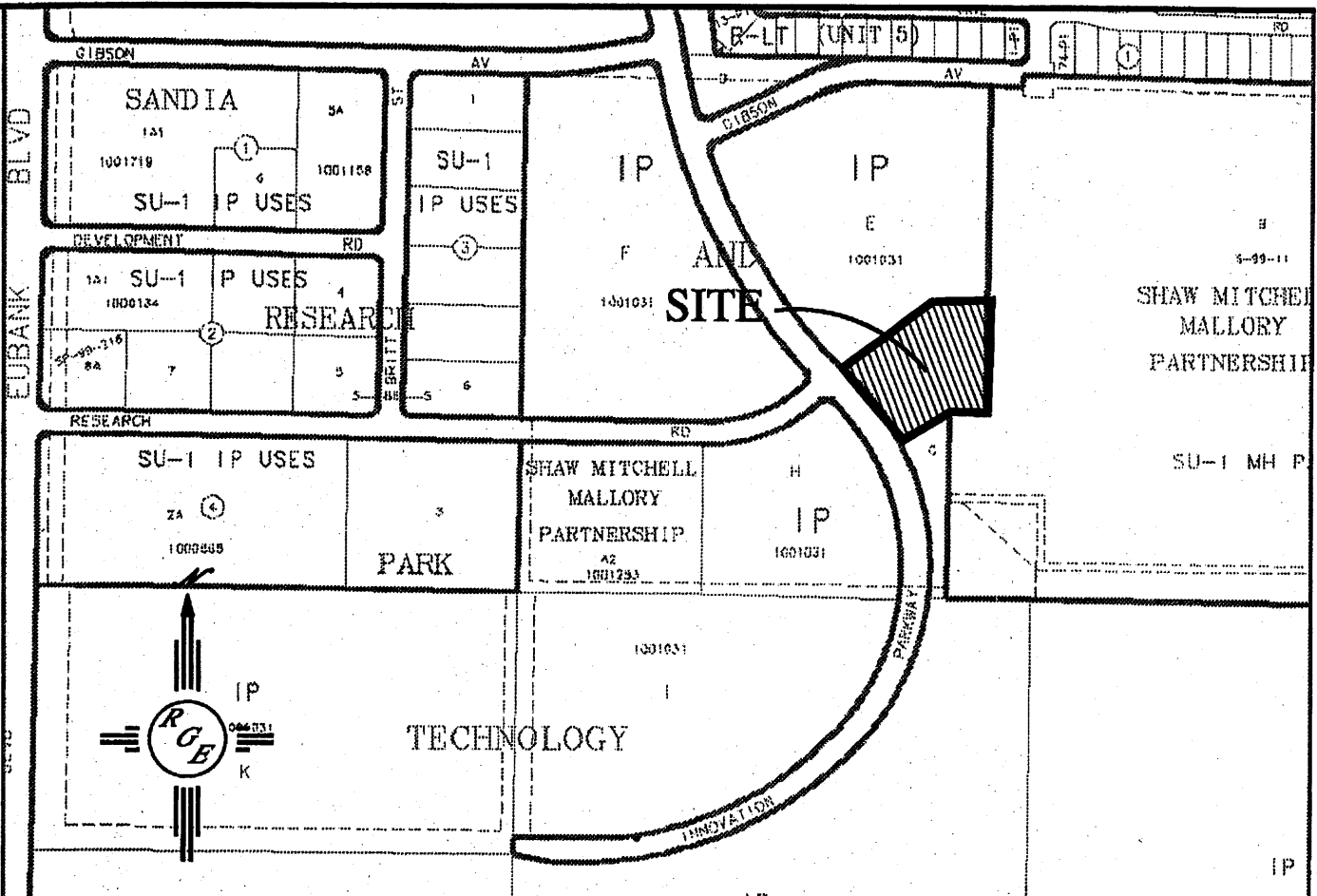
COBBLE SWALE DETAIL
NTS

EROSION CONTROL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A GRADING PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.
6. ENCROACHMENT INTO ADJACENT PROPERTIES IS NOT ALLOWED WITHOUT A WRITTEN ENCROACHMENT AGREEMENT WITH THE ADJACENT PROPERTY OWNERS.

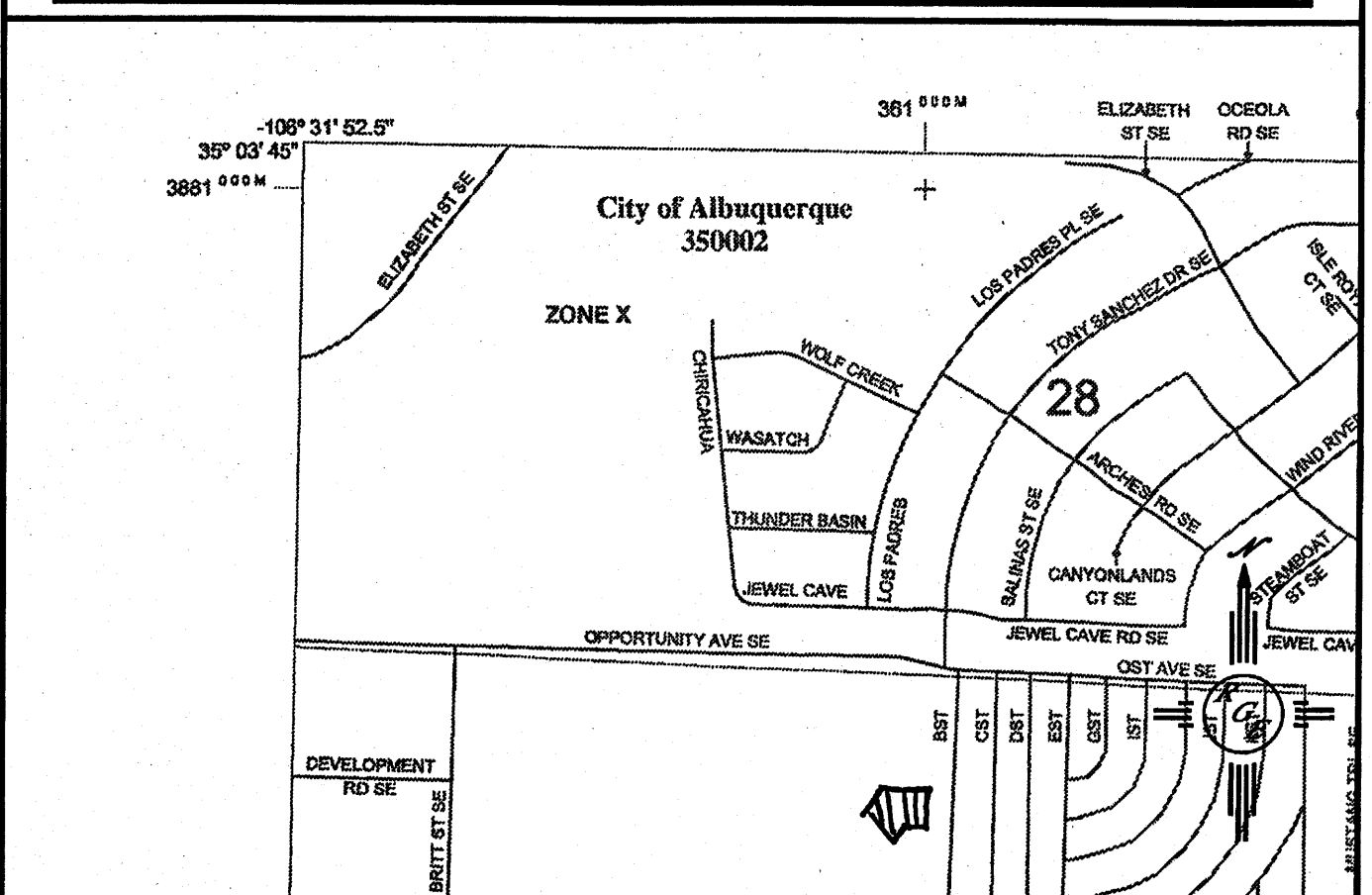
NOTES:

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE NOTED.



VICINITY MAP:

M-21-Z



FIRM MAP

35001CO367E

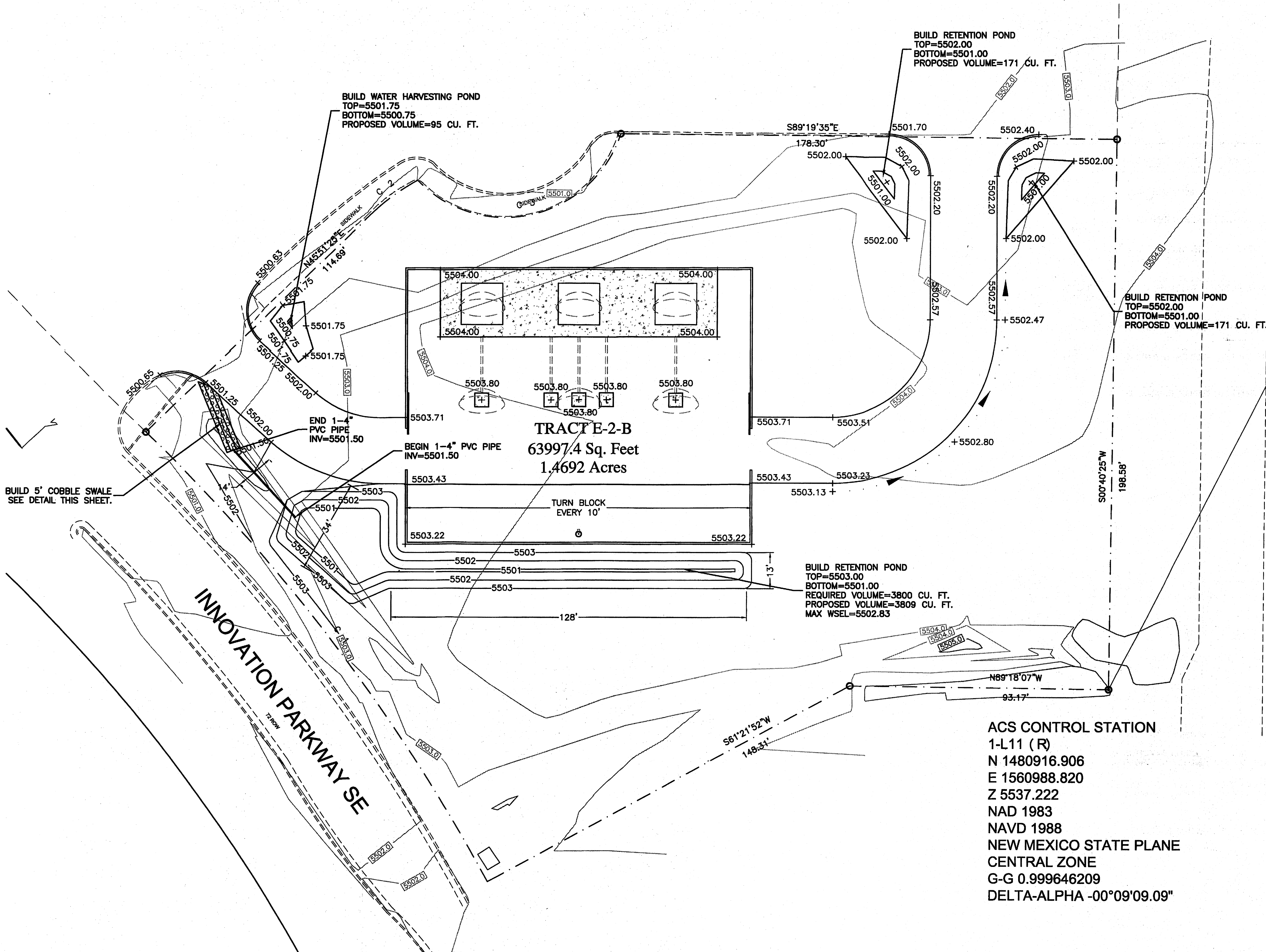
LEGAL DESCRIPTION:

TRACT E-2-B

LEGEND

- LOT LINE
- EXISTING CONTOUR
- EXISTING INDEX CONTOUR
- PROPOSED CONTOUR
- PROPOSED INDEX CONTOUR
- FLOW ARROW
- CENTERLINE
- LIMITS OF TYP. RIP RAP CHANNEL

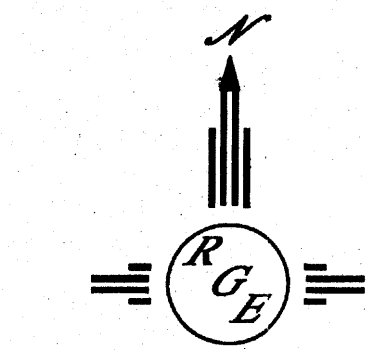
SEP 22 2011



ACS CONTROL STATION
1-L11 (R)
N 1480916.906
E 1560988.820
Z 5537.222
NAVD 1988
NEW MEXICO STATE PLANE
CENTRAL ZONE
G-G 0.999646209
DELTA-ALPHA -00°09'09.09"

CAUTION:

EXISTING UTILITIES ARE NOT SHOWN. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATION TO DETERMINE THE ACTUAL LOCATION OF UTILITIES & OTHER IMPROVEMENTS.



SCALE: 1"=20'

ENGINEER'S SEAL 	1460 INNOVATION PARKWAY	DRAWN BY WCUJ
	GRADING AND DRAINAGE PLAN	DATE 9-08-11
 Rio Grande Engineering 1606 CENTRAL AVENUE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0999		21125-LAYOUT-8-02-11
		SHEET #
		JOB # 21125