

PLANT LEGEND

All plants shall be sized per American Standard for Nursery Stock. Installation size shall indicate the greater of height or spread. In cases where Type O plants have been pruned for rejuvenation, measurement should be by spread of roots rather than by the height of the plant.

SHRUBS/ORNAMENTAL GRASSES

NEW MEXICO OLIVE 1 Forestiera neomexicana 15 Gal., 4'-10' Inst./15' x 15' maturity Mater (M) Allergy (L) 225sf

* GREEN MOUND JUNIPER Juniperus procumbens 'Green Mound' 1 Gal., 6"-15" Inst./8' x 8' maturity Mater (L+) Allergy (H) 64sf

Miscanthus sinensis

* RED YUCCA Hesperaloe parviflora 5 Gal., 18"-3' Inst./3' x 4' maturity Water (L+) Allergy (L) 16sf

* TURPENTINE BUSH Ericameria laricifolia 1 Gal., 6"-15" Inst./3' x 4" maturity Mater (L+) Allergy (L) 16sf

* MUGO FINE Pinus mugo 5 Gal., 12"-3' Inst./3' x 3' maturity Water (M) Allergy (L) 95f

GROUNDCOVERS

* TAM JUNIPER 9 Juniperus sabina 'Tamariscifolia' 1 Gal., 6"-15" Inst./4' x 15' maturity Water (L+) Allergy (L) 225sf

MINTER JASMINE 9 Jasminum nudiflorum 1 Gal., 6"-15" Inst./4' x 12' maturity Water (L+) Allergy (L) 144sf

> * HONEYSUCKLE 9 Lonicera japonica 'Halliana' 1 Gal., 6"-15" Inst./3' x 12' maturity Water (M) Allergy (L) 144sf Unstaked-Groundcover

<u>HARDSCAPES</u>

3/4" GRAY GRAVEL MITH FILTER FABRIC TO A MINIMUM 3" DEPTH

12" above the highest downstream outlet

FEBCO MODEL 165

Pressure Vacuum Breaker

Outside Installation

and the highest point in the downstream piping

NOTE TO CLIENT:

Should The Hilltop not receive a Grading and Drainage plan during the design process or the on-site grades differ from the Grading and Drainage plan received. The Hilltop reserves the right to apply slope stabilization materials where the specified gravel will not be suitable. Gravel smaller than 2-4" cobblestone will not stay on a slope greater than 3:1. If the grades are greater than what was originally designed, we will request an infield change-order to lay cobblestone or rip-rap, in lieu of the specified gravel, to stabilize the slope. All vegetative material shall remain per plan.

NOTE: LANDSCAPING, FENCING AND SIGNAGE WILL NOT INTERFERE WITH CLEAR SIGHT REQUIREMENTS. THEREFORE, SIGNS, WALLS, TREES, AND SHURBBERY BETWEEN 3 AND 8 FEET FALL (AS MEASURED FROM THE GUTTER PAN) WIL NOT BE ACCEPTABLE.

LANDSCAPE CALCULATIONS

			_
TOTAL LOT AREA	4	30814	square feet
TOTAL BUILDING	5 AREA	7300	square feet
NET LOT AREA		23514	square feet
LANDSCAPE REC	RUIREMENT	15%	_
TOTAL LANDSCA	PE REQUIREMENT	3527	square feet
TOTAL BED PRO	VIDED	2719	square feet
GROUNDCOVER	REQ.	75%	square feet
TOTAL GROUND	OVER REQUIREMENT	2039	square feet
TOTAL GROUNDO	COVER PROVIDED	2379	square feet
TOTAL PONDING	AREA	0	square feet
TOTAL EXISTING	TURF AREA	3745	square feet
TOTAL NATIVE SI	EED AREA	0	square feet
TOTAL LANDSCA	PE PROVIDED	6464	square feet

Landscape maintenance shall be the responsibility of the Property Owner. The Property Owner shall maintain all

It is the intent of this plan to comply with the City Of Albuquerque Mater Conservation Landscaping and Mater Maste Ordinance planting restriction approach. Approval of this plan does not constitute or imply exemption from water

Mater management is the sole responsibility of the Property Owner. All landscaping will be in conformance with the City of Albuquerque Zoning Code, Street Tree Ordinance, Pollen Ordinance, and Water Conservation Landscaping and Water Maste Ordinance. In general, water conservative, environmentally sound landscape principles will be followed in design

Plant beds shall achieve 75% live ground cover at maturity.

Grey Gravel over Filter Fabric to a minimum depth of 3" shall be placed in all landscape areas which are not designated

Irrigation shall be a complete underground system with shrubs to receive (2) 1.0 GPH Drip Emitters. Drip and Bubbler

Run time per each shrub drip valve will be approximately 15 minutes per day. Run time will be adjusted according to the

Point of connection for irrigation system is unknown at current time and will be coordinated in the field. Irrigation will be operated by automatic controller.

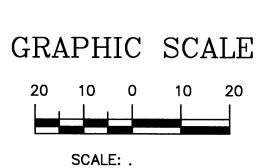
Mater and Power source shall be the responsibility of the Developer/Builder.

LANDSCAPE

ARCHITECT'S

SEAL

The Hills



SHEET #

MAIDENGRASS 5 Gal., 18"-3' Inst./5' x 5' maturity Water (M+) Allergy (L) 25sf

landscaping in a living, healthy, and attractive condition.

waste provisions of the Water Conservation Landscaping and Water Waste Ordinance.

and installation.

to receive native seed.

systems to be tied to 1/2" polypipe with flush caps at each end.

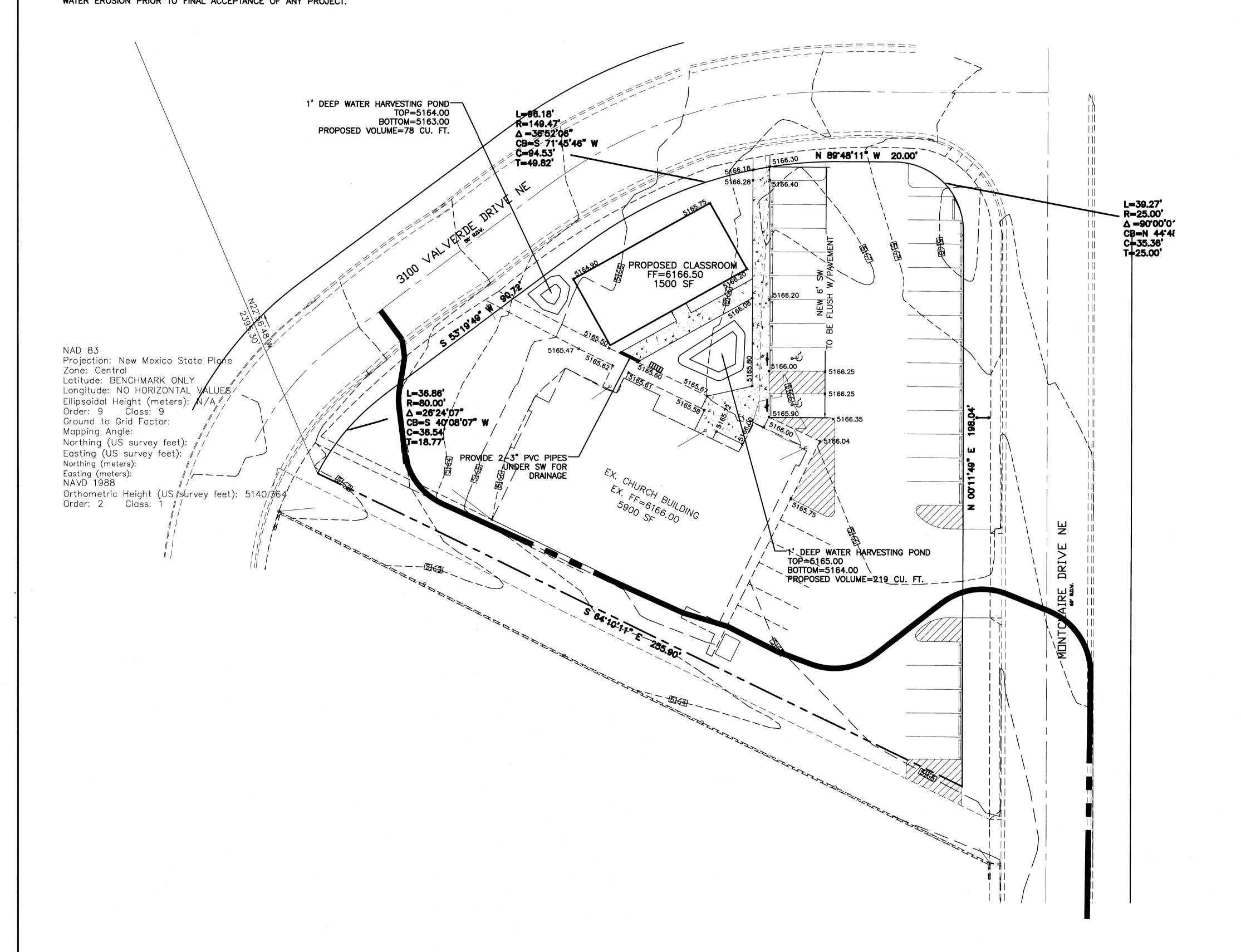
Location of controller to be field determined and power source for controller to be provided by others.

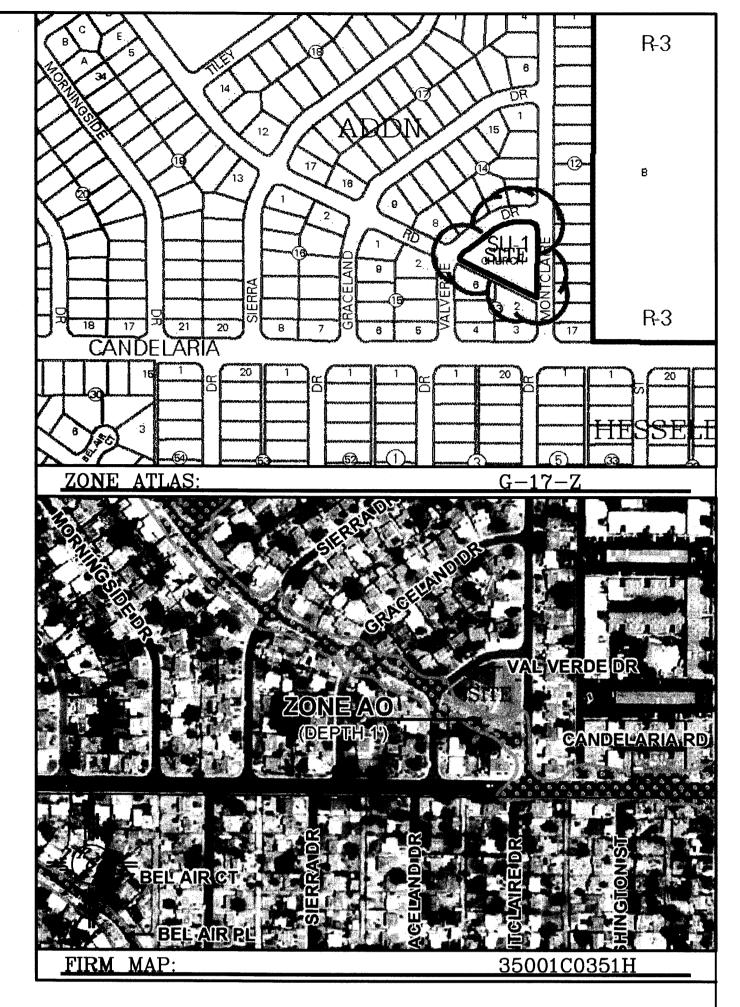
Irrigation maintenance shall be the responsibility of the Property Owner.

* DENOTES EVERGREEN PLANT MATERIAL

EROSION CONTROL NOTES:

- 1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE 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 ACCEPTANCE OF ANY PROJECT.



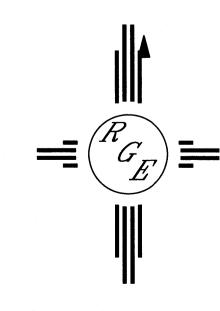


LEGAL DESCRIPTION:

LOT 1, BLK 13, CARLISLE PLAZA ADDITION

1. ALL SPOT ELEVATIONS REPRESENT FLOWLINE ELEVATION UNLESS OTHERWISE

LEGEND	
_ — — — — — — — — — — — — — — — — — — —	EXISTING CONTOUR
	EXISTING INDEX CONTOUR
5414	PROPOSED CONTOUR
	PROPOSED INDEX CONTOUR
-	SLOPE TIE
1 × 4048.25	EXISTING SPOT ELEVATION
1∙ × 4048.25	PROPOSED SPOT ELEVATION
	BOUNDARY
<u> </u>	LOT LINE
EEE CC>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	EXISTING CMU WALL
	EXISTING CURN AND GUTTER
	PROPOSED CURB
	EXISTING BUILDING
	EXISTING FENCE
4 4 4	PROPOSED SIDEWALK
<u> </u>	EXISTING SIDEWALK
	LIMITS OF FLOODPLAIN



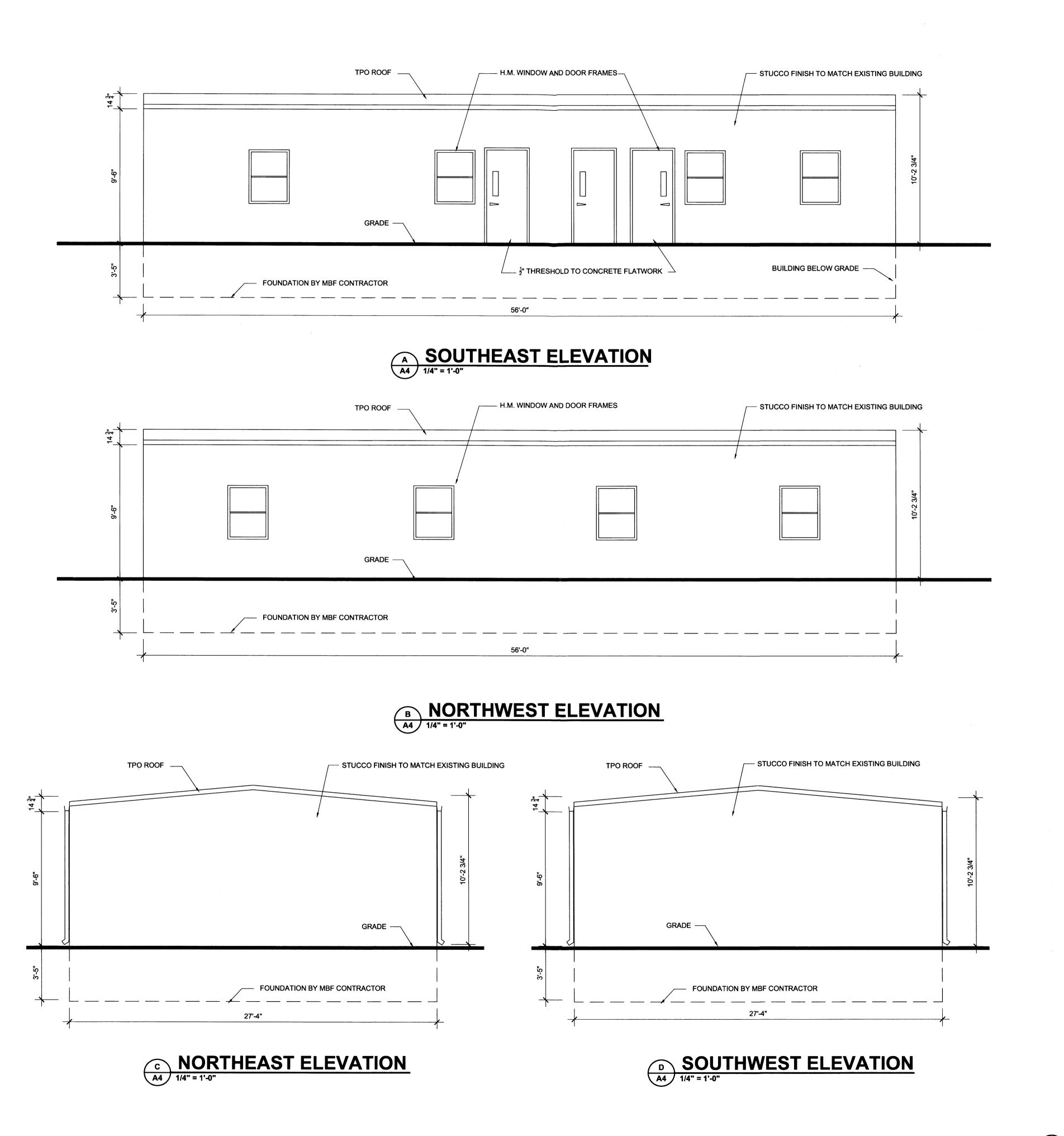
SCALE: 1"=20'

ENGINEER'S SEAL	X-FACTOR	DRAWN BY WCWJ
SUID SO	CDADING AND	DATE 2-26-14
(14522) (c	GRADING AND DRAINAGE PLAN	21350-LAYOUT-12-01-13
ARCHESSIONING	Rio Grande Engineering	SHEET #
	1606 CENTRAL AVE SE SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0999	JOB #
	(555) 572 5556	21.325

JOB # 21325

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.



Joseph F.
Simons, Jr.
No. 2890
12-1-13
STERED ARCHITCO

SIMONS ARCHITECTURE IS NOT RESPONSIBLE FOR ANY WORK
DONE BY CONTRACTOR/SUB-CONTRACTOR OR SUPPLIER
ALL MEASUREMENTS AND DIMENSIONS TO BE CHECKED &
CONFIRMED BY OWNER & CONTRACTOR.
SIMONS ARCHITECTURE, ALL RIGHTS RESERVED
COPYRIGHT WARNING
DESIGNES PREPARED BY SIMONS ARCHITECTURE
ARE THE PROPERTY OF SIMONS ARCHITECTURE
ARE THE PROPERTY OF SIMONS ARCHITECTURE
EXPRESSLY PROBIBITED TO EDERAL COPYRIGHT REOTECTION
EXTENSION TO ORIGINAL AND MODIFIED DERIVATIVE PLANS,
IS APPLICABLE TO INTENTIONAL AND UNINTENTONAL
INFRINGEMENTS, AND ROYOURS FOR SPECIFIC STATUTORY
DAMAGES, BOTH COILL AND CRIMINAL

joseph f. simons jr., aia nm lic 002890 p.o. box 67408 abq, n.m., 87193-7408 ph.505.480.4796

SIMONS
ARCHITECTUR

X-FACTOR CHURCH 3023 MONTCLAIRE Albuquerque, NM

JOB NUMBER

XFA-001

DATE

DECEMBER 10. 2013

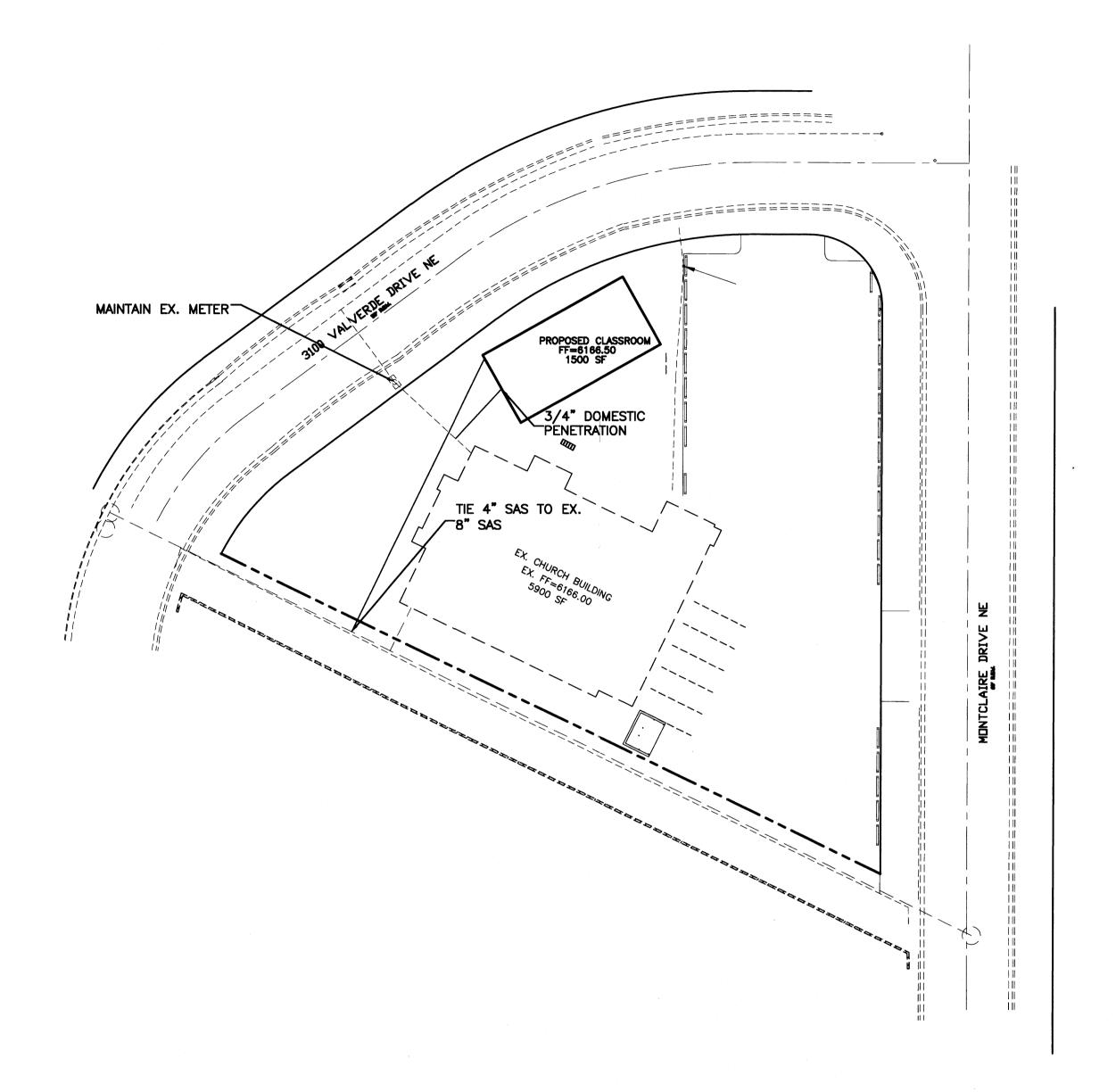
REVISIONS

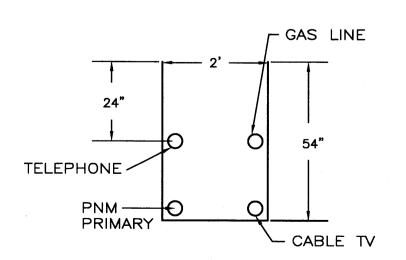
DESIGNED & DRAWN BY

4

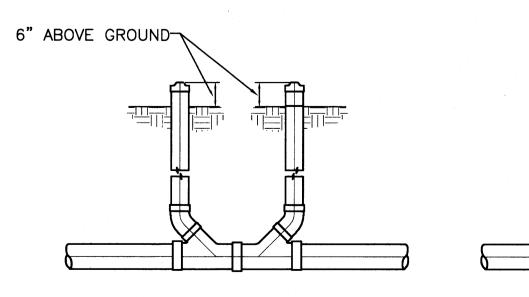
A ELEVATIONS

A4 1/4" = 1'-0"









SANITARY SEWER DOUBLE CLEAN-OUTS

NOTICE TO CONTRACTORS

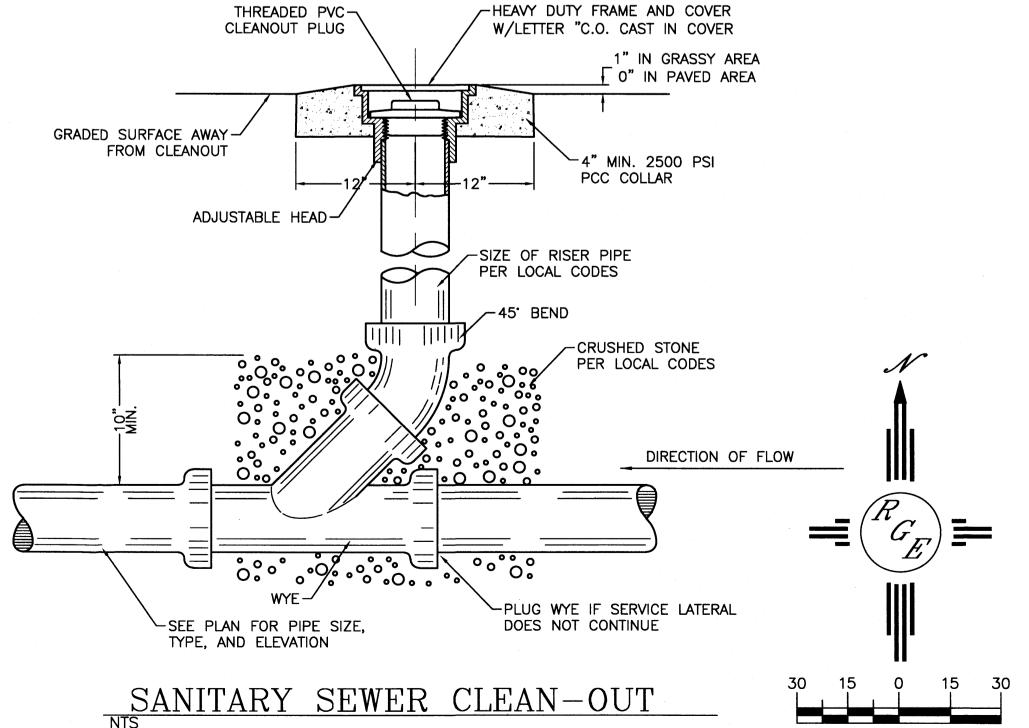
1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.

2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.

3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.

4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

- 5. BACKFILL COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE.
- 6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
- 7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.
- 8. CONTRACTOR SHALL DETERMINE LOCATION OF ANY UNDERGROUND FACILITY IN OR NEAR WORK AREAS, INCLUDING REQUESTS TO OWNERS/OPERATORS OF SAID FACILITIES PER SECTION 62-14-5 NMSA 1978.
- 9. CONTRACTOR SHALL PLAN ALL EXCAVATION TO MINIMIZE INTERFERENCE OR DAMAGE OF UNDERGROUND FACILITIES.
- 10. CONTRACTOR SHALL PROVIDE ADVANCE TELEPHONE NOTICE OF COMMENCEMENT, EXTENT AND DURATION OF ALL EXCAVATION WORK TO THE ONE-CALL NOTIFICATION SYSTEM, OR TO OWNERS/OPERATORS OF ANY EXISTING UNDERGROUND FACILITY IN OR NEAR THE EXCAVATION AREA THAT ARE NOT MEMBERS OF THE ONE-CALL NOTIFICATION CENTER; IN ORDER THAT OWNERS/OPERATORS MAY LOCATE AND MARK UNDERGROUND FACILITY PER SECTION 62-14-5 NMSA 1978 PRIOR TO ANY COMMENCEMENT OF WORK. CONTRACTOR SHALL REQUEST REAFFIRMATION OF LOCATION EVERY TEN (10) WORKING DAYS AFTER INITIAL REQUEST.
- 11. CONTRACTOR SHALL MAINTAIN EIGHTEEN (18) INCHES BETWEEN EXISTING UNDERGROUND FACILITIES FOR WHICH HAVE BEEN PREVIOUSLY IDENTIFIED AND MARKED BY THE OWNERS/OPERATORS OF SAID FACILITIES. CUTTING EDGE OR POINT OF ANY MECHANICAL EXCAVATING EQUIPMENT UTILIZED IN EXCAVATION AREA WILL BE USED IN A MANNER NECESSARY TO PREVENT DAMAGE TO EXISTING UNDERGROUND FACILITIES.
- 12. CONTRACTOR SHALL PROVIDE SUPPORT FOR EXISTING UNDERGROUND FACILITIES IN OR NEAR EXCAVATION AREA AS NECESSARY TO PREVENT DAMAGE TO SAID FACILITIES.
- 13. CONTRACTOR SHALL BACKFILL ALL EXCAVATIONS IN A MANNER AND WITH MATERIALS AS MAY BE NECESSARY TO PREVENT DAMAGE TO AND PROVIDE RELIABLE SUPPORT DURING AND FOLLOWING BACK FILLING ACTIVITIES FOR PREEXISTING UNDERGROUND FACILITIES IN OR NEAR EXCAVATION AREA.
- 14. CONTRACTOR SHALL IMMEDIATELY NOTIFY BY TELEPHONE THE OWNER/OPERATOR OF ANY UNDERGROUND FACILITY WHICH MAY HAVE BEEN DAMAGED OR DISLODGED DURING **EXCAVATION WORK.**
- 15. CONTRACTOR SHALL NOT MOVE OR OBLITERATE MARKINGS MADE PURSUANT TO CHAPTER 62, ARTICLE 14 NMSA 1978, OR FABRICATE MARKINGS IN A UNMARKED LOCATION FOR THE PURPOSE OF CONCEALING OR AVOIDING LIABILITY FOR VIOLATION OF OR NONCOMPLIANCE WITH THE PROVISIONS OF CHAPTER 62. ARTICLE 11 NMSA 1978.
- 16. CONTRACTOR SHALL NOTIFY NEW MEXICO UTILITIES 3 DAYS IN ADVANCE OF CONSTRUCTION.



WATER SHUTOFF PLAN

SHUTOFF VALVES:

1. WATER SHUT-OFF SHALL BE COORDINATED WITH ABCWUA

- 2. ONLY WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
- 3. NOTIFY ABCWUA THREE(3) WORKING DAYS IN ADVANCE OF EXECUTION OF THE WATER SHUT-OFF PLAN
- 4. ALL WATERLINES TO BE 3/4" COPPER, UNLESS OTHERWISE NOTED.
- 5. SHUT-OFF VALVES INDICATED IN THE ABOVE PLAN IN THE EVENT OF EMERGENCY

LEGEND

\mathcal{C}	EXISTING SAS MANHOLE
— — — — EX. 8" SAS— — — —	EXISTING SANITARY SEWER LINE
	PROPOSED SAS MANHOLE
0	PROPOSED SAS CLEANOUT
8" SAS	PROPOSED SANITARY SEWER LINE
	SANITARY SEWER SERVICE LINE
EX. 12" WL	EXISTING WATER LINE
0	PROPOSED METER
H	PROPOSED VALVE W/BOX
*	PROPOSED FIRE HYDRANT
	WATER SERVICE LINE
8" WL	PROPOSED WATER LINE
	PROPOSED STORM SEWER LINE
	EXISTING CURB & GUTTER
	PROPOSED CURB & GUTTER
	CENTERLINE
	RIGHT-OF-WAY
	DRY UTILITY TRENCH
	BOUNDARY LINE
	EASEMENT

1. 4' MINIMUM BURY REQUIRED FOR ALL UTILITIES UNLESS OTHERWISE NOTED.

2. REFERENCE ARCHITECTURAL PLANS FOR WATER LINE RISER LOCATIONS.

3. CLEAN OUTS ARE TO BE BUILT PER UNIFORM PLUMBING CODE STANDARDS.

4. ALL BLOCKING IS PER CITY OF ALBUQUERQUE STANDARD DWG. 2320.

5. ALL PIPE MATERIAL TO BE USED PER UPC.

ENGINEER'S SEAL	X-FACTOR	DRAWN BY WCWJ
THE METERS OF THE SECOND SECON	MASTER UTILITY	DATE 1-27-14
	PLAN	21350-LAYOUT-12-01-1
IF CHANGE OF THE PARTY OF THE P	Rio Grande	SHEET #
ADVESSIONAL &	Engineering	5
DAVID SOULE	1606 CENTRAL AVENUE SE SUITE 201 ALBUQUERQUE NM 87106	JOB #
P.E. #14522	ALBUQUERQUE, NM 87106 (505) 872-0999	21325

SCALE: 1"=30'

