

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
Water (M) Allergy (L) 225sf

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

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

* 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
Water (L+) Allergy (L) 16sf

* MUGO PINE
Pinus mugo
5 Gal., 12"-3' Inst./3' x 3' maturity
Water (M) Allergy (L) 9sf

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

HARDSCAPES



* DENOTES EVERGREEN PLANT MATERIAL

LANDSCAPE CALCULATIONS

	_
30814	square feet
7300	square feet
23514	square feet
15%	
3527	square feet
2719	square feet
75%	square feet
2039	square feet
2379	square feet
	square feet
3745	square feet
jan en ind	
	square feet
6464	square feet
	7300 23514 15% 3527 2719 75% 2039 2379 0 3745

LANDSCAPE NOTES

Landscape maintenance shall be the responsibility of the Property Owner. The Property Owner shall maintain all landscaping in a living, healthy, and attractive condition.

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

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 Waste Ordinance. In general, water conservative, environmentally sound landscape principles will be followed in design and installation.

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 to receive native seed.

IRRIGATION NOTES:

Irrigation shall be a complete underground system with shrubs to receive (2) 1.0 GPH Drip Emitters. Drip and Bubbler systems to be tied to 1/2" polypipe with flush caps at each end.

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

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.

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

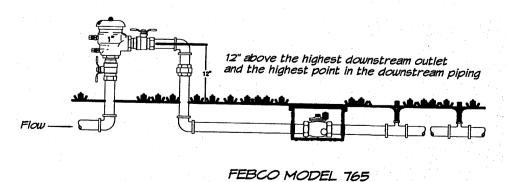
Irrigation maintenance shall be the responsibility of the Property Owner.

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

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.



Pressure Vacuum Breaker

Outside Installation

RAPHIC SCALE

GRAPHIC SCALE

20 10 0 10 20

SCALE:

T T T CHITECTS & CONTRACTORS

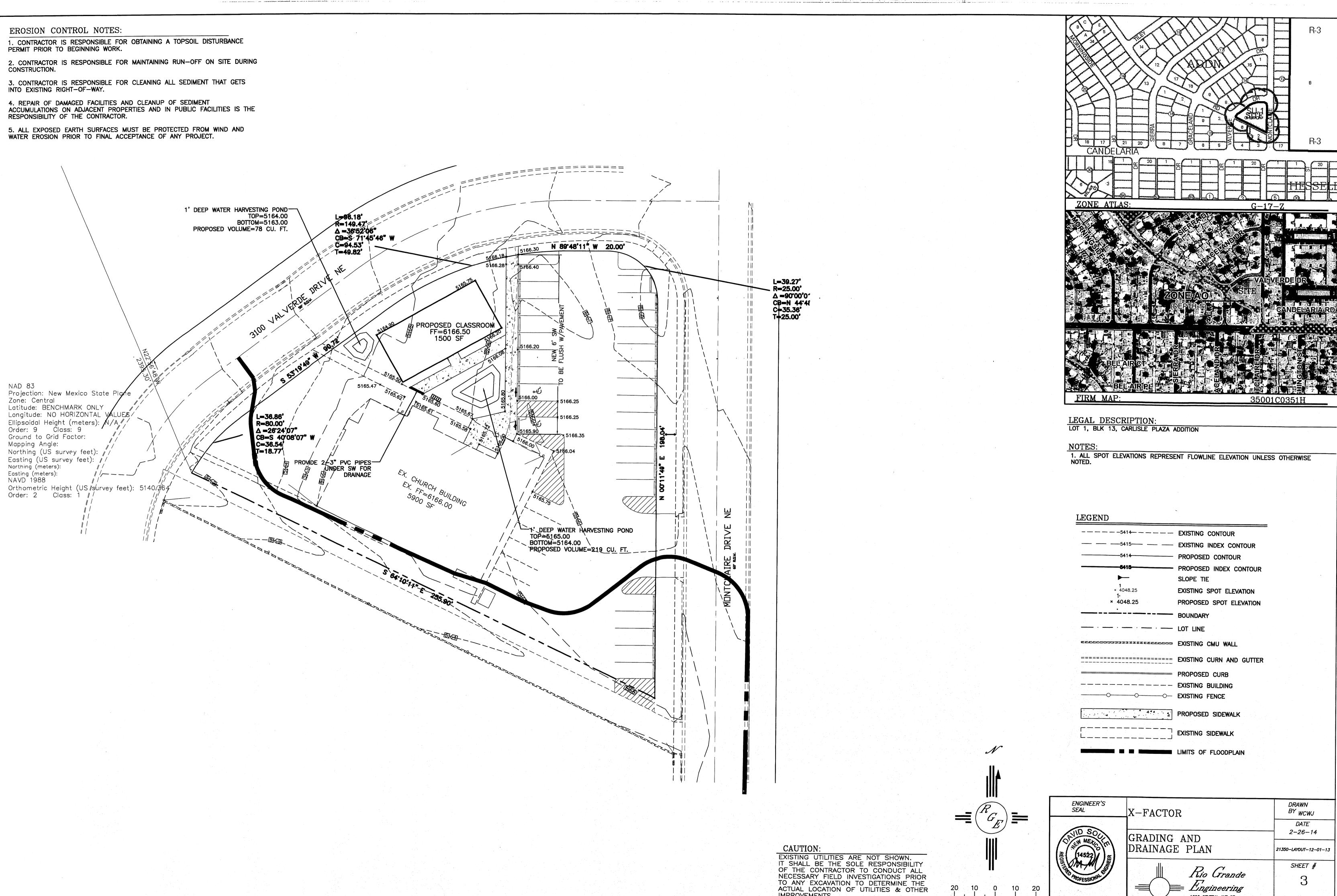
leas contained Hereir Hilltop Landscape , d are protected by or Il design and must n oplicable fees have by order placed.

LANDSCAPE

ARCHITECT'S SEAL

DRAWN BY
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SH 1/2-26-14

2 2

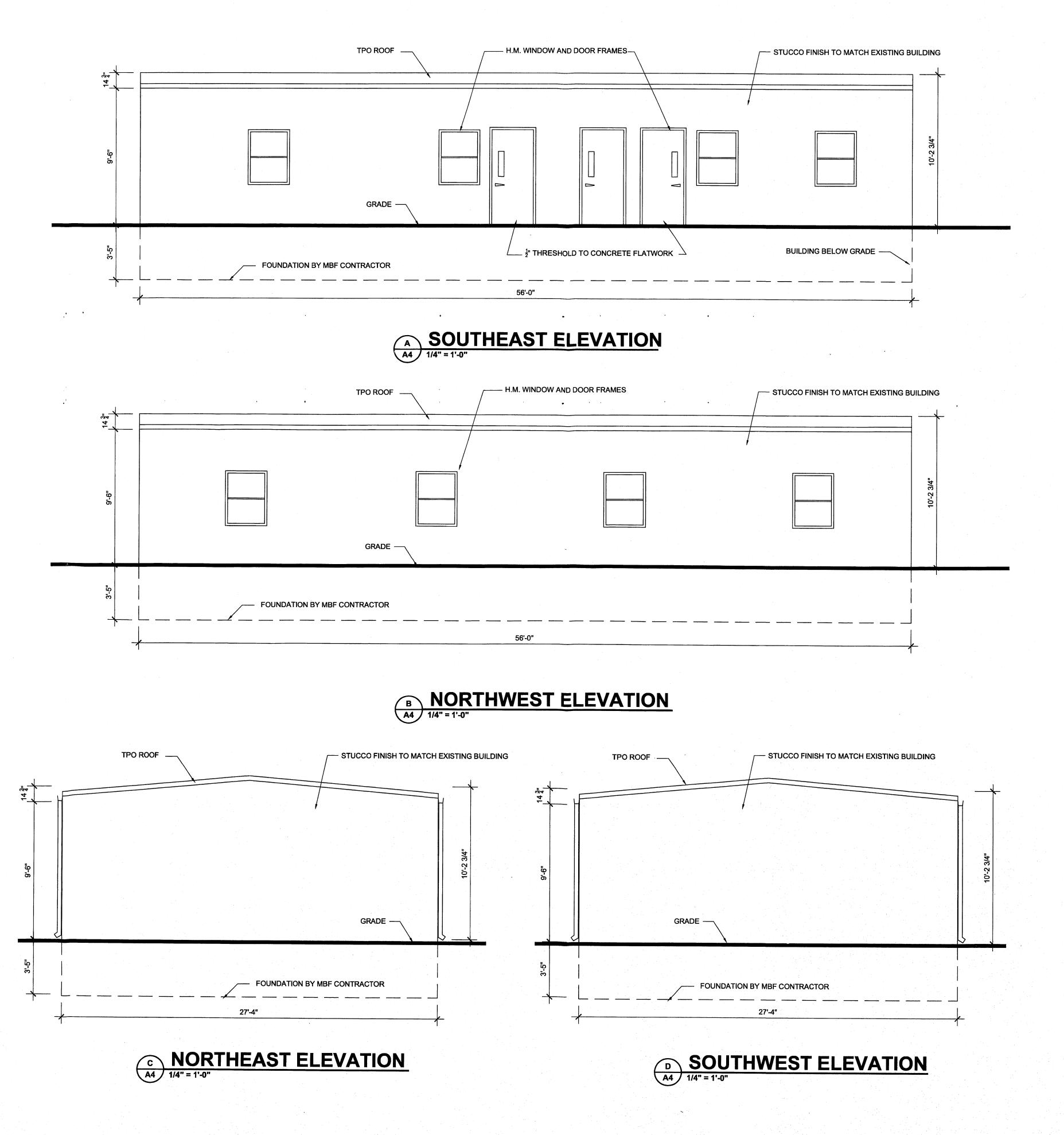


SCALE: 1"=20'

IMPROVEMENTS.



JOB # 21325



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SIMONS ARCHITECTURE IS NOT RESPONSIBLE FOR ANY WORK

JONE BY CONTRACTORSUB-CONTRACTOR OR SUPPLER

ALL MEASUREMENTS AND DIMENSIONS TO BE CHECKED &

CONFIRMED BY OWNER & CONTRACTOR.

SIMONS ARCHITECTURE, ALL RIGHTS RESERVED

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

SIMONS
ARCHITECTUR

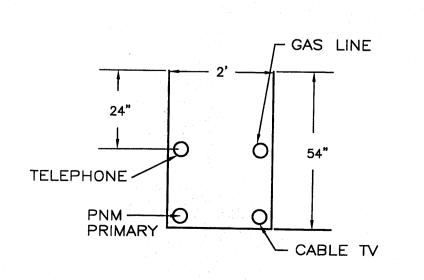
X-FACTOR CHURCH 3023 MONTCLAIRE

JOB NUMBER
XFA-001
DATE
DECEMBER 10. 2013
REVISIONS

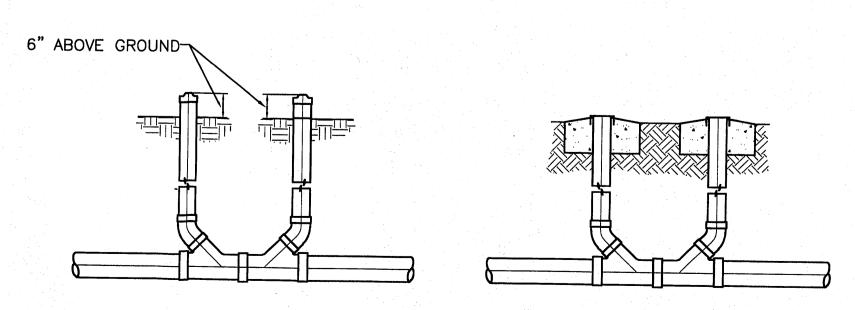
DESIGNED & DRAWN BY

ELEVATIONS
A4 1/4" = 1'-0"

MAINTAIN EX. METER PROPER PLANTON THE 4" SAS TO EX. 8" SAS TO EX. THE 4" SAS TO EX.



UTILITY TRENCH DETAIL



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.

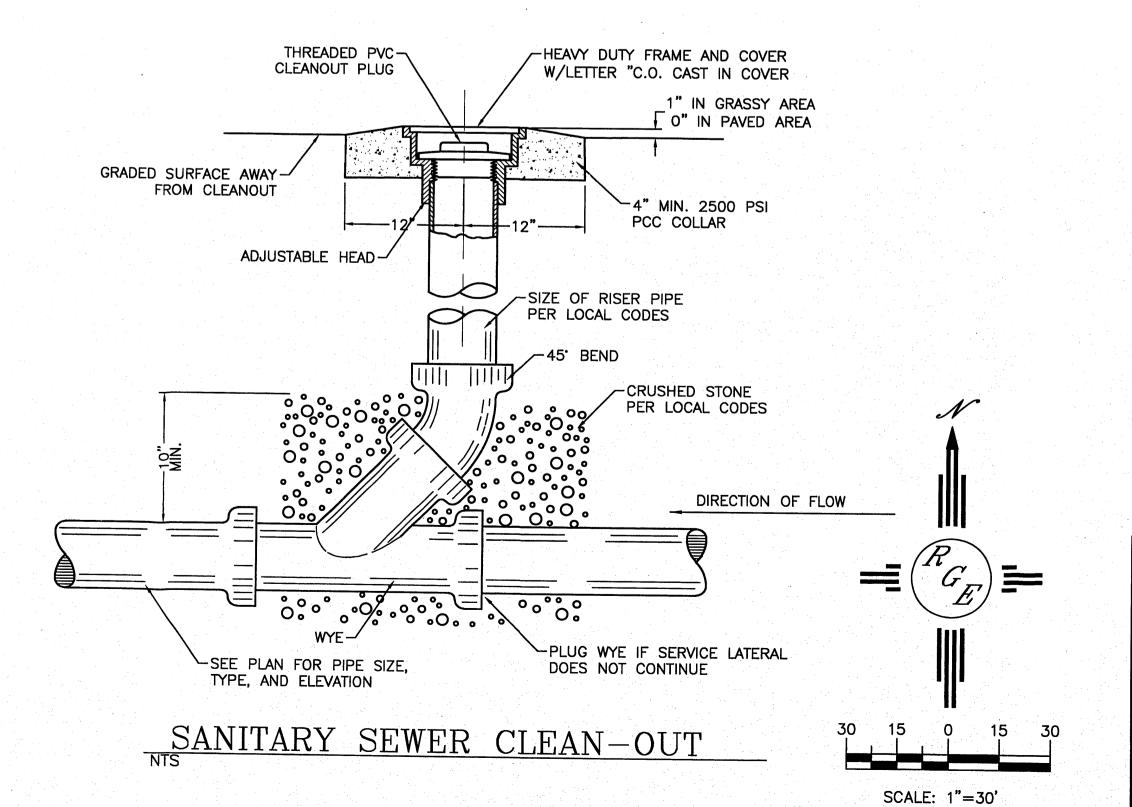
12. CONTRACTOR SHALL PROVIDE SUPPORT FOR EXISTING UNDERGROUND FACILITIES IN OR NEAR EXCAVATION AREA AS NECESSARY TO PREVENT DAMAGE TO SAID FACILITIES.

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:

NOTES:

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

	EXISTING SAS MANHOLE
— — — — EX. 8" SAS— — — —	EXISTING SANITARY SEWER LINE
	PROPOSED SAS MANHOLE
	PROPOSED SAS CLEANOUT
8" SAS	PROPOSED SANITARY SEWER LINE
	SANITARY SEWER SERVICE LINE
EX. 12" WL	EXISTING WATER LINE
0	PROPOSED METER
	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

GENERAL NOTES:

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
1 / Sept. Les / Les	MASTER UTILITY	DATE 1-27-14
	PLAN	21350-LAYOUT-12-01-13
AFOFESSIONINE	Rio Grande	SHEET #
OFESSION	Engineering 1606 CENTRAL AVENUE SE	5
DAVID SOULE P.E. #14 522	SUITE 201 ALBUQUERQUE, NM 87106 (505) 872-0999	JOB # 21325

