



DEVELOPMENT REVIEW BOARD  
SUPPLEMENTAL SUBMITTAL

(Deadline is Friday at noon unless noted on 2019 agenda – late submittals will not be accepted unless approved by the DRB)

PROJECT NO. SI-2019-00040

Application No. \_\_\_\_\_

TO:

- Planning Department/Chair
- Hydrology
- Transportation Development
- Albuquerque/ Bernalillo Co. WUA
- Code Enforcement

\*(Please attach this sheet with each collated set for each board member)

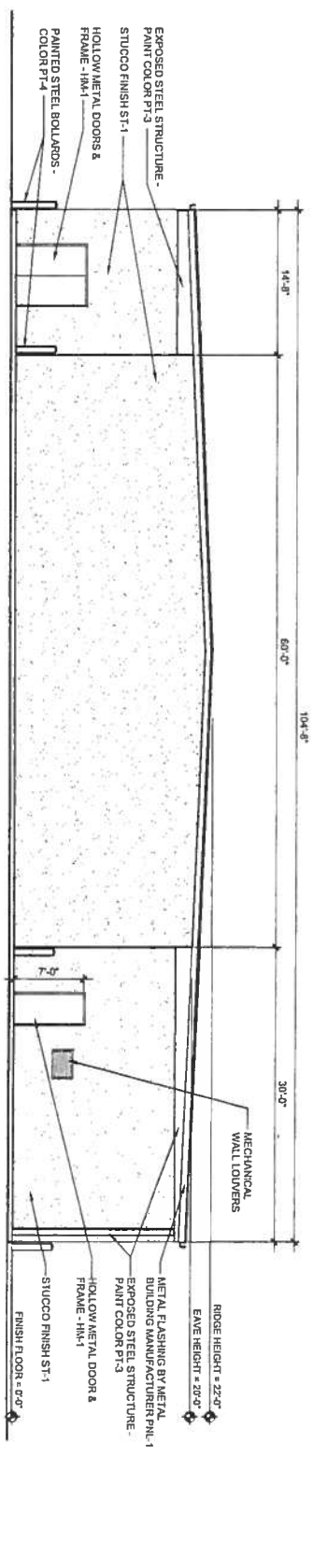
NOTE: ELECTRONIC VERSION (ie disk, thumbdrive) is Required. Submittal will not be accepted without.

DRB SCHEDULED HEARING DATE: 3-6-19 HEARING DATE OF DEFERRAL: \_\_\_\_\_

SUBMITTAL DESCRIPTION: APPROVED GRADING & DRAINAGE PLAN, REVISED  
MASTER UTILITY PLAN W/ MINOR MODIFICATIONS, FOR  
REVIEW. COPIES OF SERVICE BLDG & FUELING AREA ELEVATION  
AND COPIES OF LANDSCAPE PLAN INSTALLED WITH PREVIOUS TENI

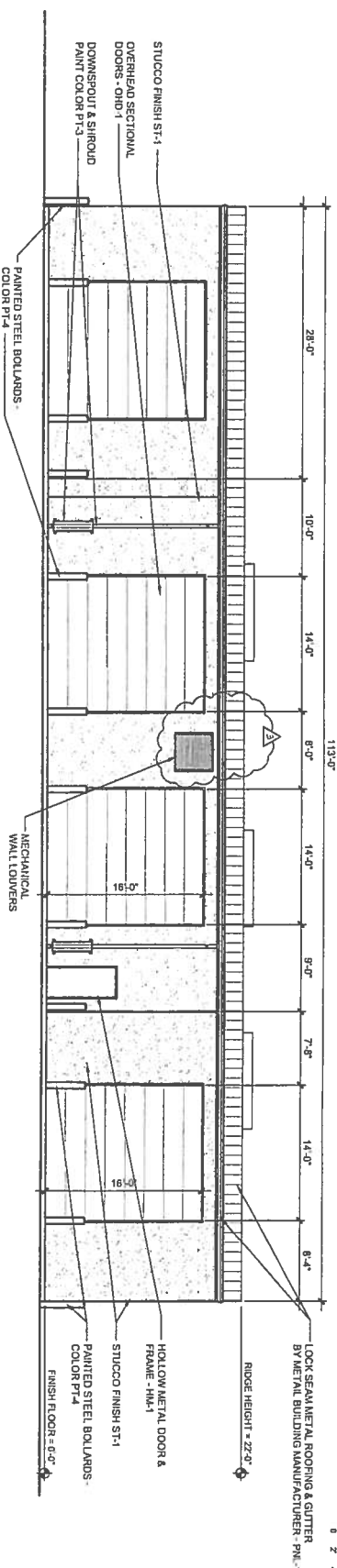
CONTACT NAME: VINCENT CARRICA

TELEPHONE: 858-3100 EMAIL: VCARRICA@TIERRAWESTLLC.COM



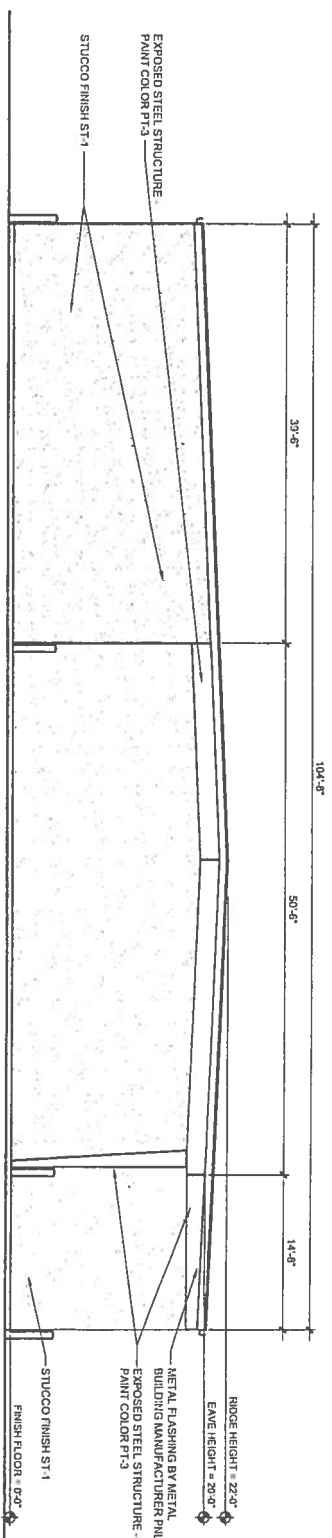
D1 EAST ELEVATION

SCALE: 1/8" = 1'-0"



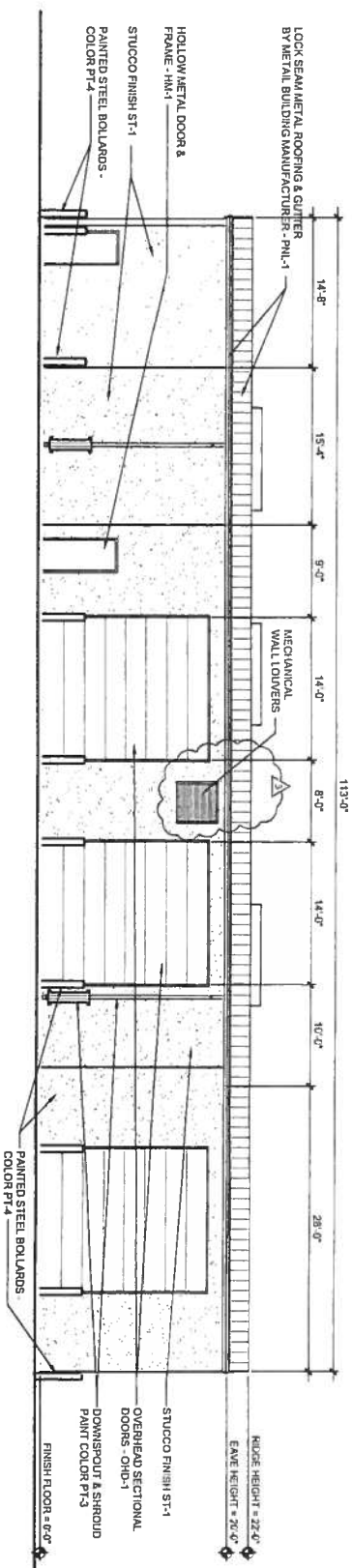
C1 NORTH ELEVATION

SCALE: 1/8" = 1'-0"



B1 WEST ELEVATION

SCALE: 1/8" = 1'-0"



A1 SOUTH ELEVATION

SCALE: 1/8" = 1'-0"

- Albuquerque Exterior Finish Color Legend Changes**
- ST-1: Exterior Insulation and Finish System or Swoon, March Dwyll #110 Van Dyke - Quartziz Texture.
  - ST-2: Exterior Insulation and Finish System or Swoon, March Dwyll #110 Van Dyke - Quartziz Texture.
  - ST-3: Exterior Insulation and Finish System or Swoon with Elastomeric Coat - Color: White.
  - PNL-1: Metal Building Panel (rim): Butler Dark Bronze as marked on submittal from Butler color chart provided with Metal Building Submittals.
  - PT-1: Paint Color: Sherwin Williams - Kohl SW 1028
  - PT-2: Paint Color: Sherwin Williams - Kohl SW 1028
  - PT-3: Paint Color: Sherwin Williams - Kohl SW 1028
  - PT-4: Paint Color: Sherwin Williams - Kohl SW 1028
  - HM-1: Hollow Metal Frames & Doors Color: Sherwin Williams - Kohl SW 1028
  - WIN-1: Aluminum Swoonfront Color: Anodized Bronze Aluminum
  - MITL-1: Metal Coping Cap Color: Anodized Bronze Aluminum
  - MITL-2: Metal Coping Cap Color: Anodized Bronze Aluminum
- Color information on other items:
- Batten scan Metal Roofing: March Anodized Bronze Aluminum
  - Swoon Panel at France: March #110 Van Dyke - Sand Texture.
  - Panel #101: As approved by RFI - Black
  - Metal Building Roofing Color: Galvalume

11/8/08

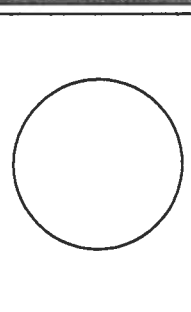
**CLAUDIO VIGIL ARCHITECTS**

1801 Rio Grande Boulevard, N.W.  
Albuquerque, New Mexico  
Phone: (505) 842-1113  
Fax: (505) 842-1330

**CONSULTANTS**

OWNERSHIP OR INSTRUMENTS OF SERVICE  
All design concepts, details, specifications, plans, computer files, field data, notes and other documents and instruments prepared by Ambryns P.C., D.B.A. Claudio Vigil Architects, shall remain the property of Ambryns P.C., Claudio Vigil Architects, P.C. Ambryns P.C., Claudio Vigil Architects, P.C., shall retain all copyright, including the copyright, therein.

**PROFESSIONAL SEAL**



**FedEx Freight**  
Freight

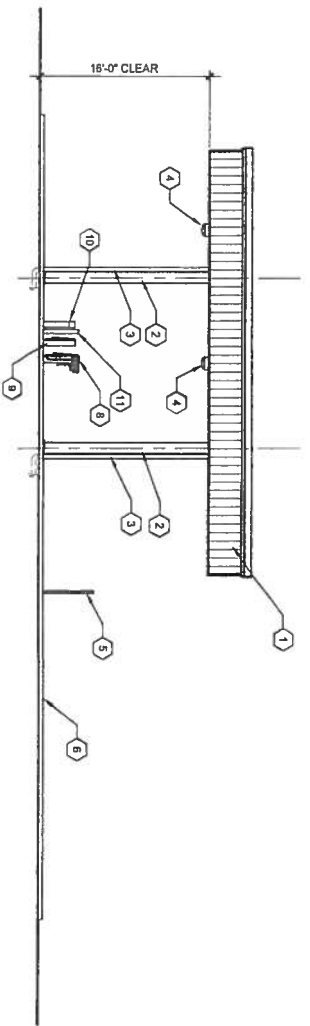
**FEDEX FREIGHT ALBUQUERQUE SERVICE AND DISTRIBUTION CENTER**  
7601 LOS VOLCANES ROAD, N.W.  
ALBUQUERQUE, NEW MEXICO

MARK	DATE	DESCRIPTION
1	11-20-07	FEDEX RESUBMITTAL
2	2-5-08	FEDEX RESUBMITTAL TWO
3	3-20-08	BUILDING PERMIT SUBMITTAL
4	7-21-08	SHOP RIFFECTION BAY

**PROJECT NUMBER:** G255  
**DRAWING FILE:** FEDEX-ATRS-04282-ELSD  
**DRAWN BY:** CLAUDIO VIGIL  
**CHECK BY:** CLAUDIO VIGIL  
**COPYRIGHT:** CLAUDIO VIGIL ARCHITECTS 2008  
**DATE:** AUGUST 15, 2008

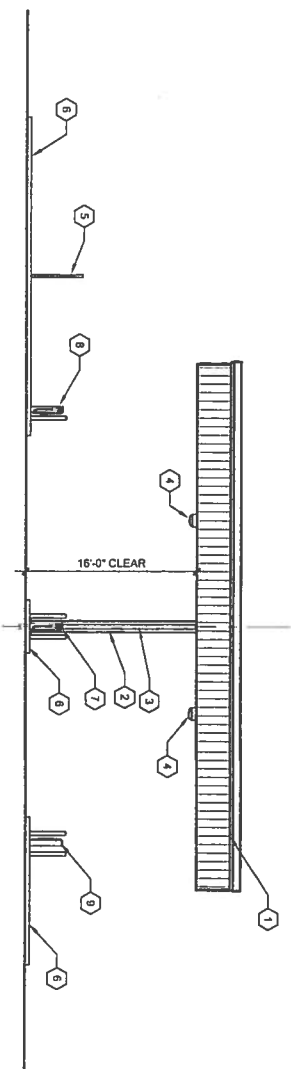
**SHEET TITLE**  
**SERVICE BUILDING EXTERIOR ELEVATIONS**

**SHEET NUMBER**  
**A-202**

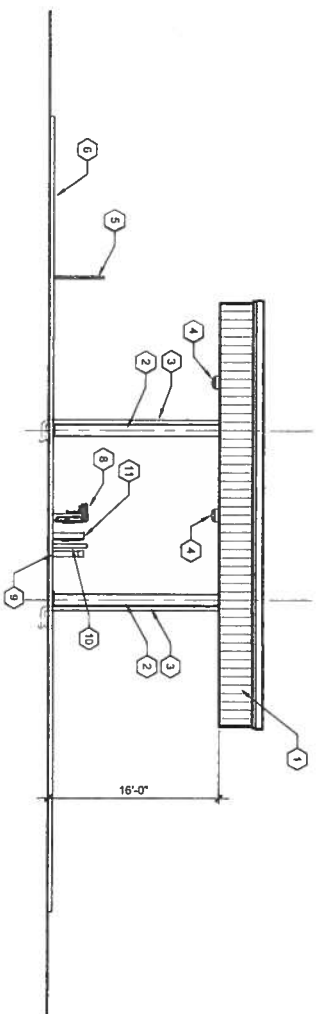


- KEYED NOTES**
- 40'-0" x 50'-0" OVERHEAD FUEL CANOPY WITH 36" FASCIA BY FUEL SYSTEM SUPPLIER. COORDINATE INSTALLATION WITH CONTRACTOR.
  - STRUCTURAL STEEL COLUMN SUPPLIED WITH OVERHEAD FUEL CANOPY.
  - DOWN SPROUT ON COLUMN - SEE CIVIL DRAWINGS FOR ROUTING OF ROOF WATER.
  - METAL HALIDE LIGHT FIXTURE
  - EMERGENCY SHUT-OFF VEEDER ROOT OVERFILL ALARM MOUNTED TO 3" DIA. METAL x 7'-6" LONG STEEL PIPE WITH TOP CAP. EMBED PIPE DOWN 16"
  - 6" RAISED CONCRETE ISLAND
  - MASTER AND SATELLITE FUEL DISPENSER BEYOND
  - MASTER FUEL DISPENSER
  - MASTER FUEL DISPENSER
  - SATELLITE FUEL DISPENSER
  - CARD READER
  - POST FOR VEEDER ROOT OVERFILL ALARM.

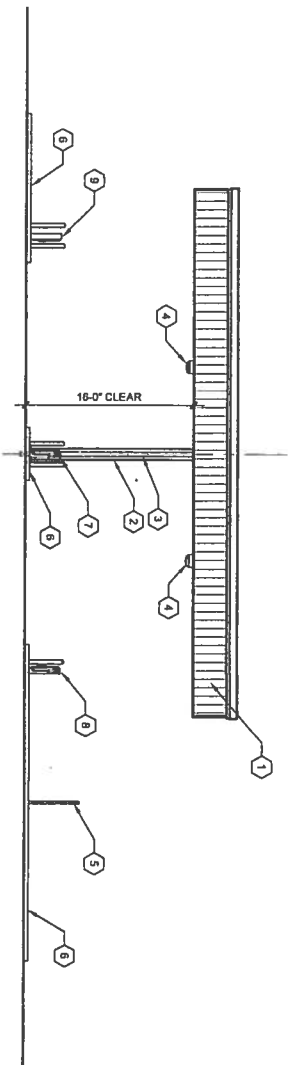
**D1**  
SCALE: 1/8" = 1'-0"  
**FUEL ISLAND NORTH ELEVATION**



**C1**  
SCALE: 1/8" = 1'-0"  
**FUEL ISLAND EAST ELEVATION**



**B1**  
SCALE: 1/8" = 1'-0"  
**FUEL ISLAND SOUTH ELEVATION**



**A1**  
SCALE: 1/8" = 1'-0"  
**FUEL ISLAND WEST ELEVATION**

**KEYED NOTES**

- 40'-0" x 50'-0" OVERHEAD FUEL CANOPY WITH 36" FASCIA BY FUEL SYSTEM SUPPLIER. COORDINATE INSTALLATION WITH CONTRACTOR.
- STRUCTURAL STEEL COLUMN SUPPLIED WITH OVERHEAD FUEL CANOPY.
- DOWN SPROUT ON COLUMN - SEE CIVIL DRAWINGS FOR ROUTING OF ROOF WATER.
- METAL HALIDE LIGHT FIXTURE
- EMERGENCY SHUT-OFF VEEDER ROOT OVERFILL ALARM MOUNTED TO 3" DIA. METAL x 7'-6" LONG STEEL PIPE WITH TOP CAP. EMBED PIPE DOWN 16"
- 6" RAISED CONCRETE ISLAND
- MASTER AND SATELLITE FUEL DISPENSER BEYOND
- MASTER FUEL DISPENSER
- MASTER FUEL DISPENSER
- SATELLITE FUEL DISPENSER
- CARD READER
- POST FOR VEEDER ROOT OVERFILL ALARM.

**GENERAL NOTES**

- FUEL SYSTEM SUPPLIER SHALL PROVIDE AND REVIEW ALL LOCAL AND STATE CODES.
- ARRANGE AND COORDINATE SPACING FOR TANK, SEN-SE, VENT, WITH SUPPLIER.
- THE WEIGHT OF THE UNDERGROUND STORAGE TANK (UST) SHALL BE CARRIED BY AND NOT ANY MEMBER OF THE UST. VERIFY THE UST IS CARRIED BY THE FOUNDATION. VERIFY ANY UNUSUAL LOADS OR CONDITIONS ON THE TANK. OPEN ALL PANELS AND BOXES. IF UNUSUAL LOADS OR CONDITIONS ARE FOUND, STOP WORK AND NOTIFY THE ENGINEER IMMEDIATELY. TAKE A PICTURE OF DAMAGE AND CONTACT SYSTEM SUPPLIER AND PROVIDE A WRITTEN REPORT TO THE ENGINEER IMMEDIATELY. THE FTS IS CLEAN AND FREE OF DEBRIS.
- PROVIDE QUALIFIED SERVICE TECHNICIAN FOR TESTING, START UP AND TRAINING.
- INSTALL 10 POUND ABC FINE EXTINGUISHER SUPPLIED BY FUEL SYSTEM SUPPLIER.
- TEST AND CALIBRATE GAS/SE DISPENSERS.
- INSTALL VEEDER ROOT INVENTORY PROBE, INTERSTITIAL SENSOR AND REQUIRED DIEHT WITH PERMIT. PROBE MODULE INTERSTITIAL MODULE SITE FAX MODULE AS 22 MODULE. INVENTORY PROBE, INTERSTITIAL PROBE, CAP AND RING KIT, PROBE INSTALL KIT AND ASST KIT.
- INSTALL ALL REQUIRED ELECTRICAL POWER AS NEEDED. NOTE CONDUIT LOCATIONS SHOWN ON DRAWINGS AND TANK PUMP. SOLENOID AND PRE-WIRED ALARM TERMINAL AND EDWARDS/EDWARDS.
- INSTALL WORKING VENT. PLUG ANY OPENINGS LEFT IN TANK. IF ANY.
- MAKE SURE FINE VALVE IS OPEN ON TOP OF TANK. SOLENOID IS WIRED CORRECTLY. TEST FINE VALVE IS OPEN TO ALLOW FUEL FLOW TO PUMP.
- INSTALL ICHIEFED UNIT. INSTALL FOUR (4) BOLT, WRENCHES AND NUTS. PLUG IN THREE (3) TERMINAL BLOCKS SHOWN IN ELECTRICAL DRAWING AND CABLED TO LOCAL PERSONNEL SHALL BE TRAINED BY FUEL SYSTEM SUPPLIER.
- THE ELECTRICAL SHALL: 1) CONNECT POWER TO JUNCTION BOX ON TANK. ALL CONDUIT AND CONNECTIONS MUST BE EXPLOSION PROOF. EACH PUMP REQUIRES 208 VAC SINGLE PHASE WITH 30 AMP DRAW. THE CU REQUIRES 100 VAC SINGLE PHASE. 2) TEST EMERGENCY SHUT OFF FUEL. 3) INSTALL GROUNDING RODS PER CODES. 4) TEST EMERGENCY SHUT OFF FUEL. 5) TEST EMERGENCY SHUT OFF FUEL. 6) TEST EMERGENCY SHUT OFF SWITCH SHALL PULL OUT TO TURN ON. 4) TURN ON PUMP. AT THE SOLENOID TO MAKE SURE OPERATOR POWER TO TURN ON. 5) LISTEN FOR A CLICK ZERO EACH TIME THE PUMP IS TURNED ON. 7) WIRE SWITCH TO LIGHT IN HOOD 8) TEST WIRE AUDIBLE OVERHALL ALARM.
- IF IT IS POSSIBLE TO BREAK THE SEAL ON PIPE CONNECTIONS DUE TO VIBRATION OR FIRST TIME THE TANK IS FILLED. WHEN FILLING THE TANK FIRST TIME, THE PUMP SHALL BE OPERATED FOR 15 MINUTES. THE PUMP SHALL BE OPERATED THROUGH THE SYSTEM PAYING CLOSE ATTENTION TO ALL PIPE FITTINGS AND PUMP VALVES. DURING AND PROPERLY. INSTALLATION CONNECTION MUST BE PRESENT WHEN THE DELIVERY IS MADE.
- TERMINATE ALL PROBE AND SENSOR CONDUITS TO EXPLOSION PROOF JUNCTION BOXES WITH SEAL OFFS.
- INSTALLATION OF FUEL TANK, PUMP AND MONITORING EQUIPMENT TO BE IN STRICT ACCORDANCE WITH MANUFACTURERS INSTALLATION INSTRUCTIONS AND APPLICABLE CODES.
- REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING FIELDING EQUIPMENT INSTALLATION.

NOTE - SEE ELECTRICAL DRAWINGS FOR CONDUIT LAYOUT, JUNCTION BOXES & ELECTRICAL REQUIREMENTS

**DISCLAIMER**

FOR INFORMATION PURPOSES ONLY. FURNISH AND INSTALL ALL COMPONENTS FOR A COMPLETE WORKING SYSTEM AS SPECIFIED IN THE SPECIFICATIONS AND DESCRIBED IN THIS DRAWING. FURNISH COMPLETE SHOP DRAWINGS DESCRIBING ALL ASPECTS FOR THE FUEL SYSTEM TO BE INSTALLED FOR REVIEW AND APPROVED BY FEDEX. DO NOT ORDER ANY COMPONENTS WITHOUT FINAL APPROVAL OF SHOP DRAWINGS. ALL COMPONENTS AND THE SYSTEM AS A WHOLE SHALL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES. INSTALLATION CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED FOR A COMPLETE WORKING FUEL SYSTEM AS DESCRIBED IN THE APPROVED SHOP DRAWINGS AND SHALL OBTAIN A CERTIFICATE OF COMPLETION WHICH WILL ALLOW FEDEX TO OPERATE THE SYSTEM IN COMPLIANCE WITH ALL APPLICABLE CODES AND ORDINANCES.

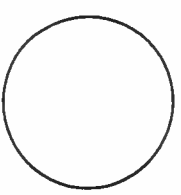


**CLAUDIO VIGIL ARCHITECTS**  
1901 Rio Grande Boulevard, N.W.  
Albuquerque, New Mexico  
Phone: (505) 842-1113  
Fax: (505) 842-1330

**OWNERSHIP OF INSTRUMENTS OF SERVICE**  
All design concepts, details, specifications, plans, computer files, field data, notes and other documents, and instruments of service shall remain the property of Claudio Vigil Architects, P.C., including but not limited to, but not limited to, including the copyright therein.

**CONSULTANTS**

**PROFESSIONAL SEAL**



**FedEx**  
Flight  
**FEDEX FREIGHT ALBUQUERQUE SERVICE AND DISTRIBUTION CENTER**  
7601 LOS VOLCANES ROAD, N.W.  
ALBUQUERQUE, NEW MEXICO

MARK	DATE	DESCRIPTION
4	8-25-06	FUEL TANK REVISION
3	3-20-06	BUILDING PERMIT SUBMITTAL
2	2-5-06	FEDEX RESUBMITTAL TWO
1	11-20-07	FEDEX RESUBMITTAL

PROJECT NUMBER: 07206  
DRAWING FILE: FEDEX-ATNCSO-0201-FUEL  
DRAWN BY: SNUF  
CHECK BY: CAV  
COPYRIGHT: CLAUDIO VIGIL ARCHITECTS 2008  
DATE: AUGUST 25, 2008

**SHEET TITLE**  
**FUEL BAY EXTERIOR ELEVATIONS**

**SHEET NUMBER**  
**9-201**

*Learning  
Better  
Up*  
**Heads Up**  
LANDSCAPE CONTRACTORS  
www.headsuplandscape.com  
P.O. BOX 10397 184  
Albuquerque, NM 87113  
505.898.2105 (fax)  
design@huc.com



**CLAUDIO VIGIL  
ARCHITECTS**

1801 Rio Grande Boulevard, N.W.  
Albuquerque, New Mexico  
Phone: (505) 842-1113  
Fax: (505) 842-1330

**OWNERSHIP OF INSTRUMENTS OF SERVICE**  
All design concepts, details, specifications, and other documents, including but not limited to, those prepared by Ambrya P.C., D.B.A. Claudio Vigil Architects, as instruments of service, shall remain the property of Ambrya P.C. Claudio Vigil Architects, P.C. and shall not be used for any other project without the written consent of Ambrya P.C. Claudio Vigil Architects, P.C. including the copyright thereto.

CONSULTANTS

PROFESSIONAL SEAL



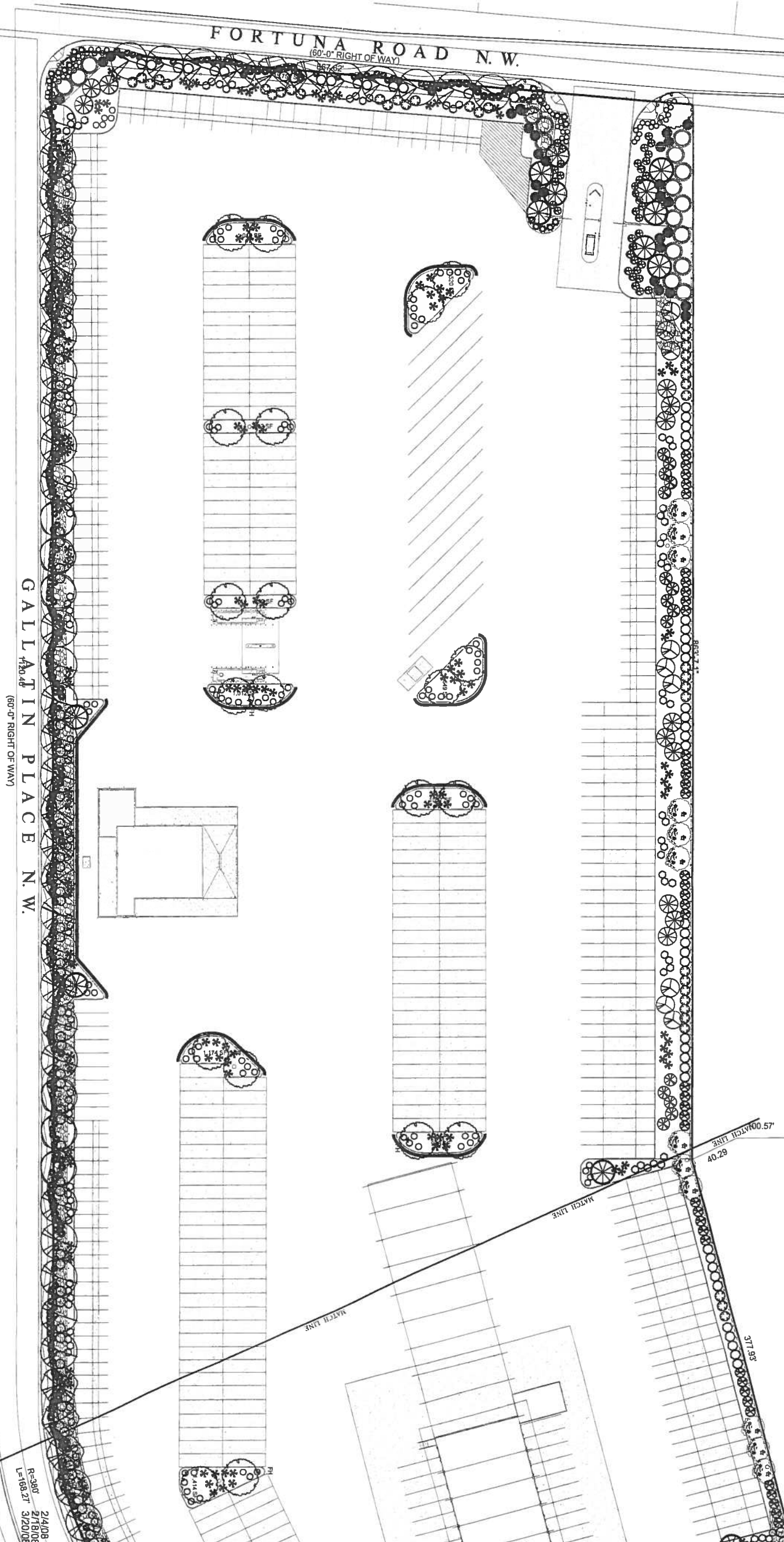
**FedEx**  
Freight  
**FEDEX FREIGHT  
ALBUQUERQUE  
SERVICE AND  
DISTRIBUTION  
CENTER**  
7601 LOS VOLCANES ROAD, N.W.  
ALBUQUERQUE, NEW MEXICO

MARK	DATE	DESCRIPTION
-	1/18/08	
-	12/11/07	
-	11/20/07	
-	10/22/07	
-	10/4/07	
-	9/24/07	

PROJECT NUMBER: 0726  
DRAWING FILE: FEDEX-ATRSQ-C-1026P  
DRAWN BY: JC  
CHECK BY: JC  
COPYRIGHT: CLAUDIO VIGIL ARCHITECTS 2007  
DATE: MARCH 23, 2008

SHEET TITLE  
**ENLARGED  
PARTIAL  
LANDSCAPE PLAN**

SHEET NUMBER  
**L-101**



**GALLATIN PLACE N.W.**  
(60'-0" RIGHT OF WAY)

**FORTUNA ROAD N.W.**  
(60'-0" RIGHT OF WAY)

SCALE: 1" = 40'-0"

**ENLARGED PARTIAL LANDSCAPE PLAN**



Available  
**Heads Up**  
 LANDSCAPE CONTRACTORS  
 www.headsuplandscape.com  
 P.O. BOX 10387-184  
 Albuquerque, NM 87110  
 505.898.9815  
 505.898.2105 (fax)  
 dosign@huc.com

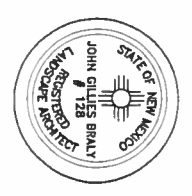
  
**CLAUDIO VIGIL**  
 ARCHITECTS

1801 Rio Grande Boulevard, N.W.  
 Albuquerque, New Mexico  
 Phone: (505) 642-1113  
 Fax: (505) 642-1330

**OWNERSHIP OF INSTRUMENTS OF SERVICE**  
 All design concepts, details, specifications, plans, computer files, field data, notes prepared by Analysis Firm Design Group and Vigil Architects, as instruments of service shall remain the property of C.C. Architect, shall retain all common law, statutory and other reserved rights, including the copyright thereto.

CONSULTANTS

PROFESSIONAL SEAL



  
**FedEx**  
 Freight  
**FEDEX FREIGHT**  
**ALBUQUERQUE**  
 SERVICE AND  
 DISTRIBUTION  
 CENTER  
 7601 LOS VOLCANES ROAD, N.W.  
 ALBUQUERQUE, NEW MEXICO

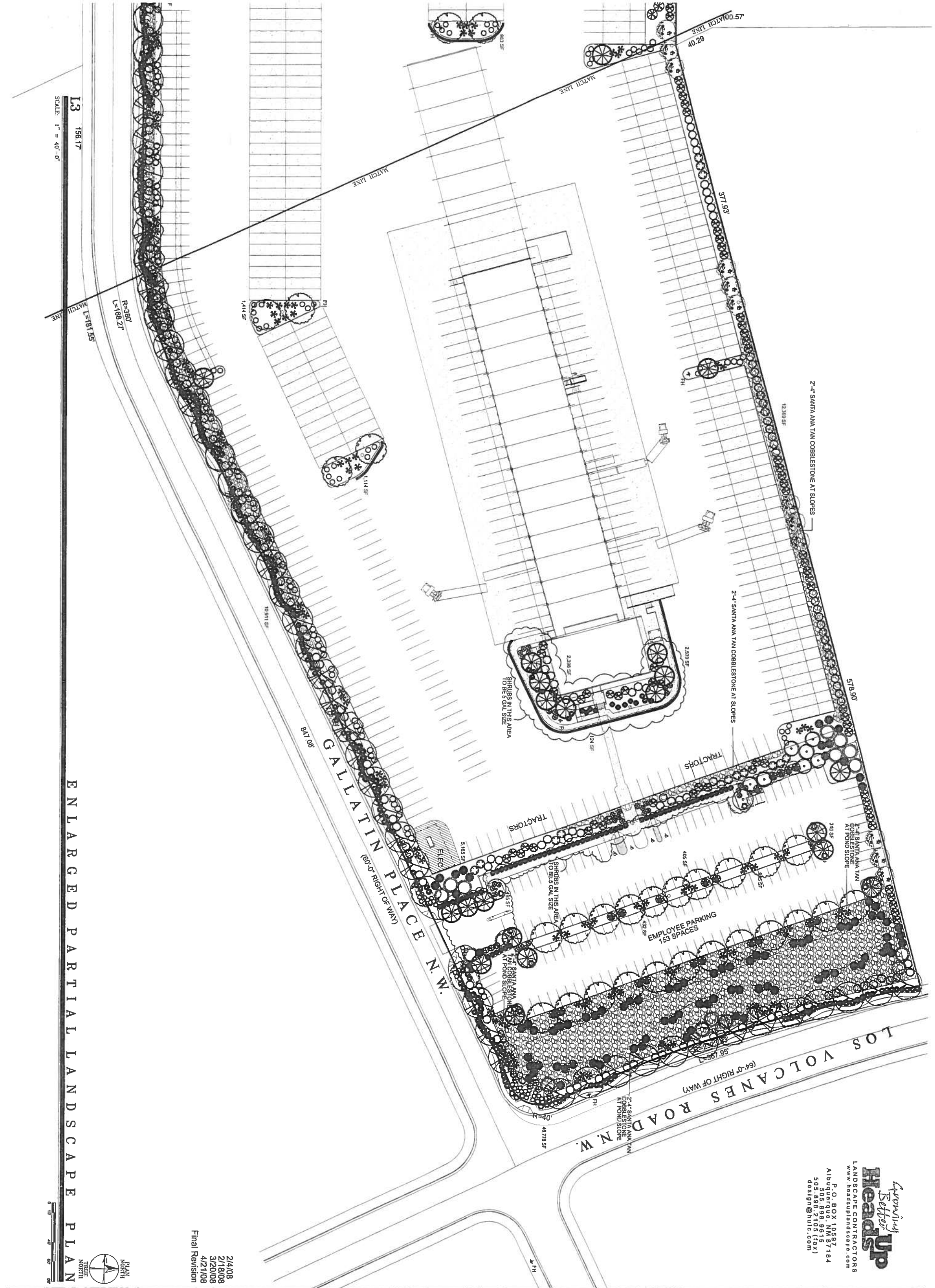
MARK	DATE	DESCRIPTION
-	1/18/08	
-	12/11/07	
-	11/20/07	
-	10/22/07	
-	10/14/07	
-	9/24/07	

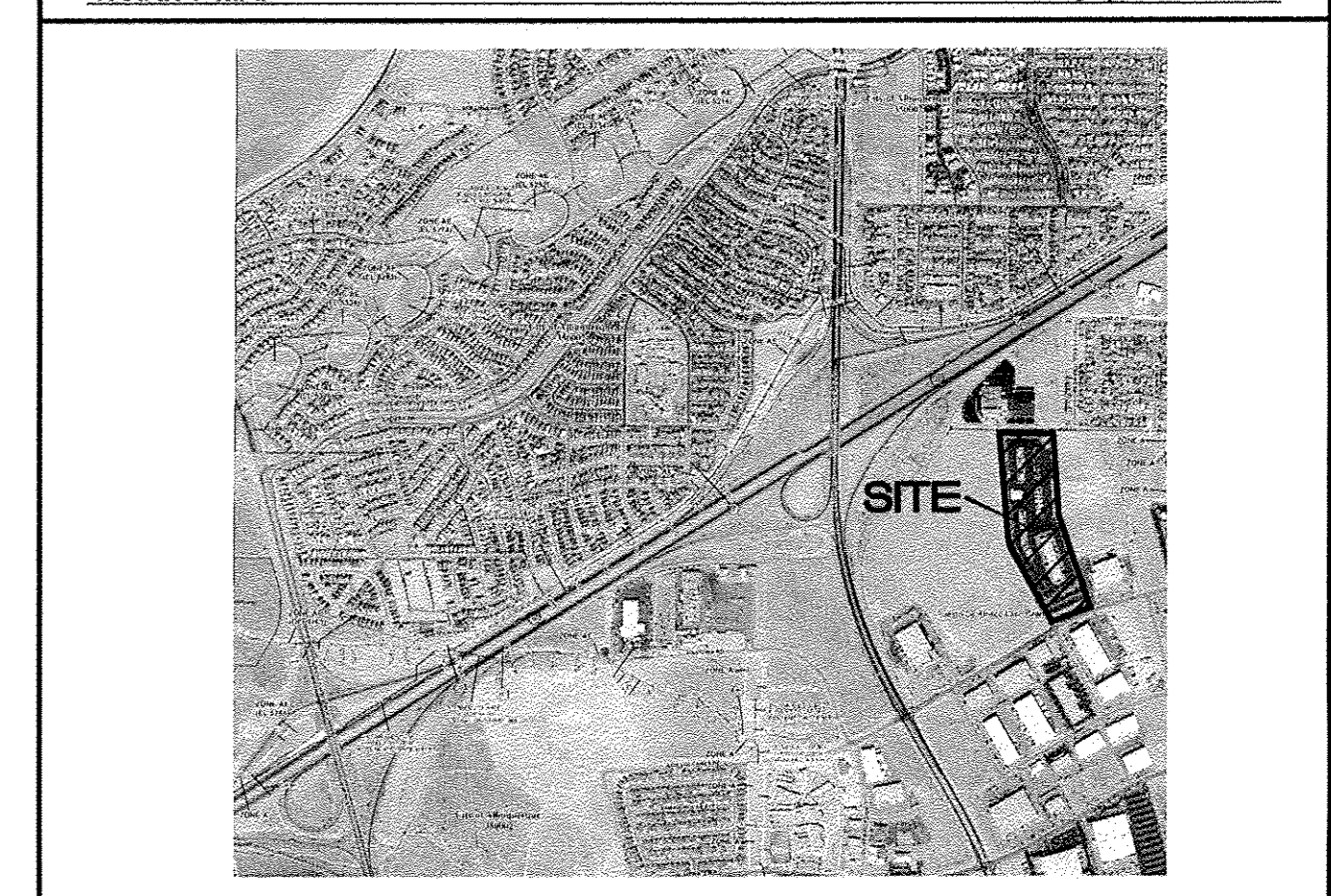
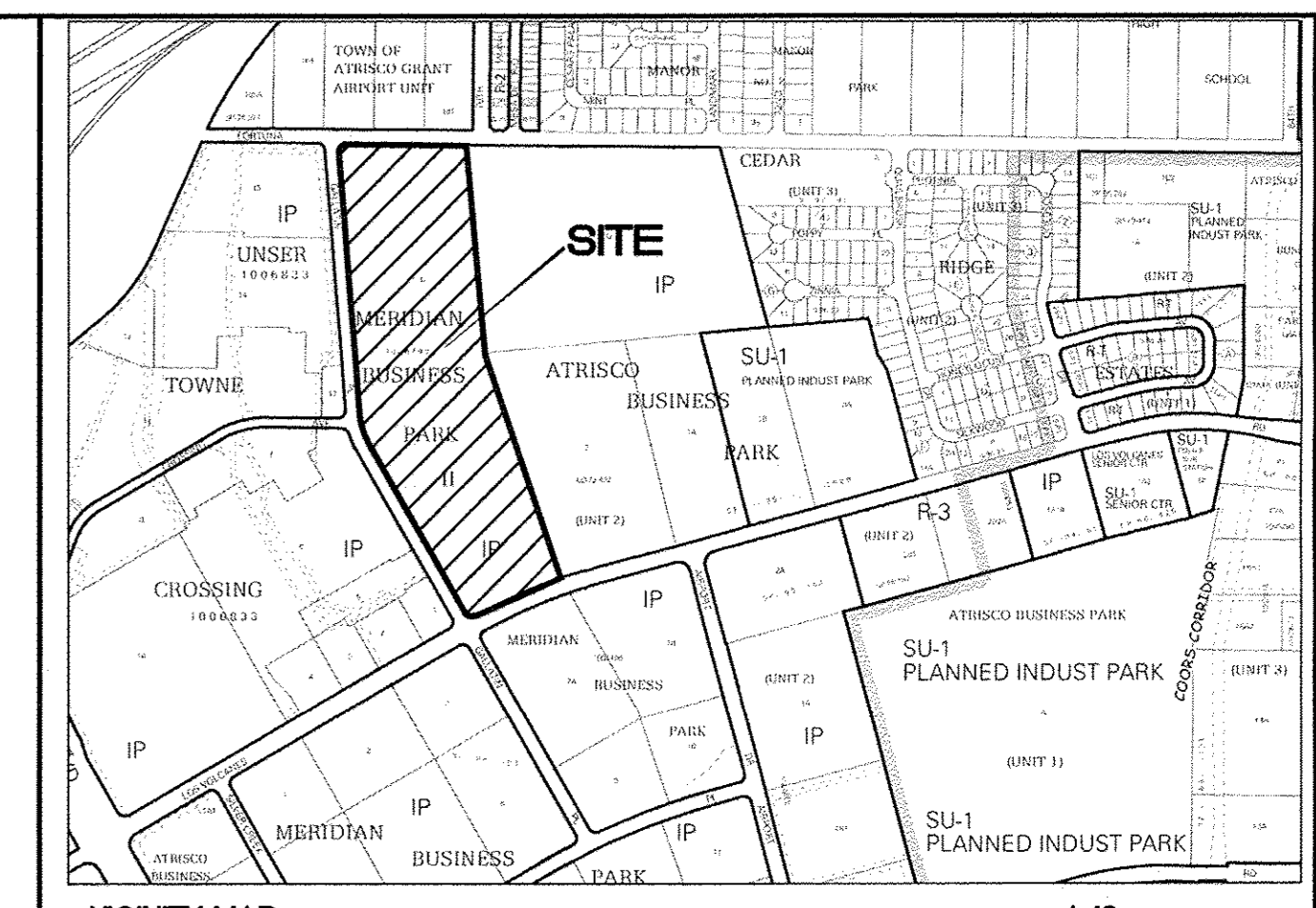
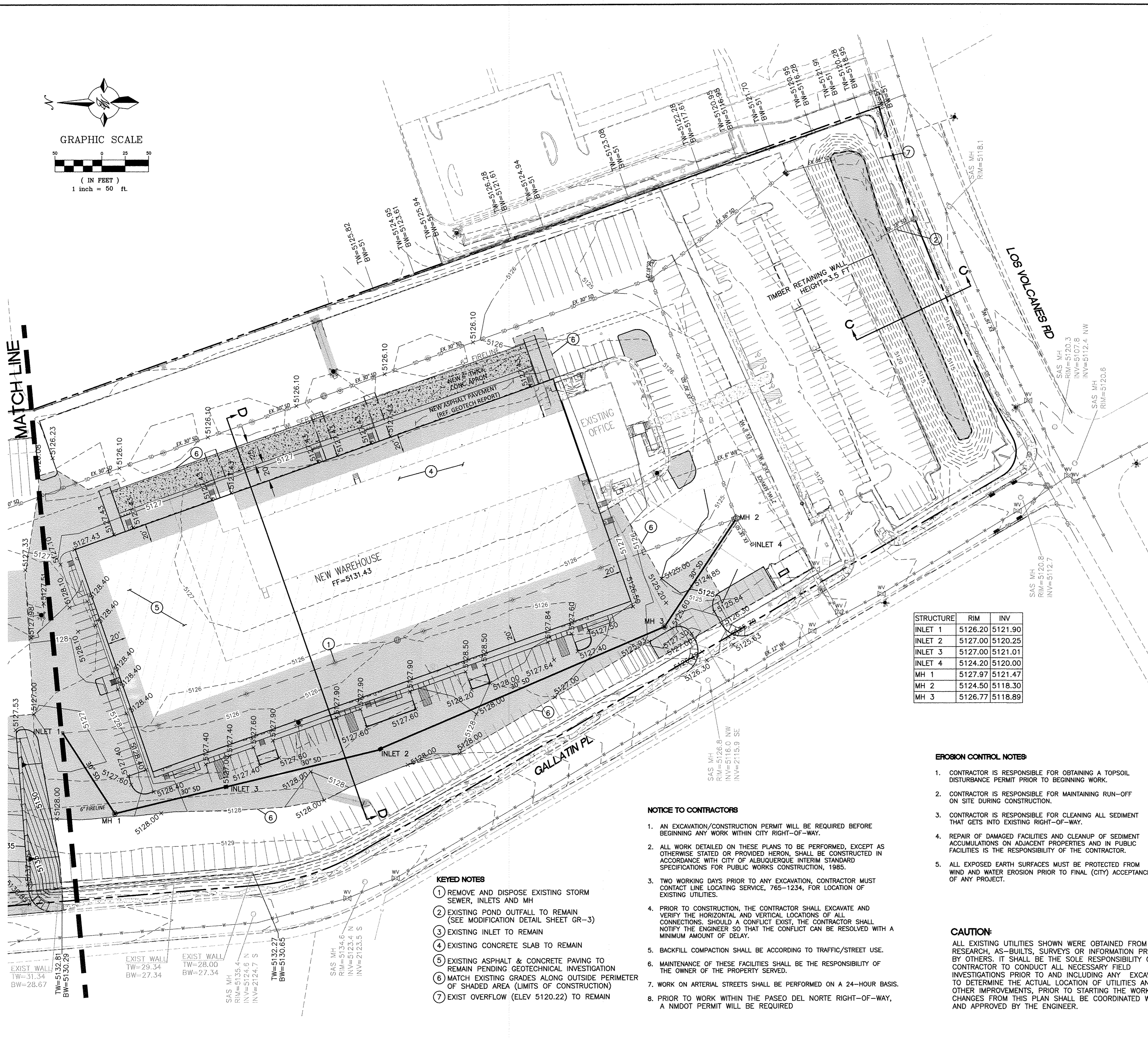
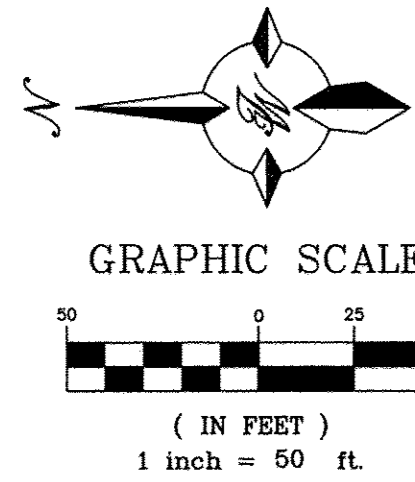
PROJECT NUMBER: 07206  
 DRAWING FILE: FEDEX ARISCO C-102-ESP  
 DRAWN BY: JC  
 CHECKED BY: CLAUDIO VIGIL ARCHITECTS 2007  
 DATE: APRIL 24, 2008



2/4/08  
 2/18/08  
 3/20/08  
 4/21/08  
 Final Revision

**L-3** 156.17  
 SCALE: 1" = 40'-0"  
**ENLARGED PARTIAL LANDSCAPE PLAN**





VICINITY MAP J-10  
 FIRM MAP 35001C0328J

STRUCTURE	RIM	INV
INLET 1	5126.20	5121.90
INLET 2	5127.00	5120.25
INLET 3	5127.00	5121.01
INLET 4	5124.20	5120.00
MH 1	5127.97	5121.47
MH 2	5124.50	5118.30
MH 3	5126.77	5118.89

- KEYED NOTES**
- REMOVE AND DISPOSE EXISTING STORM SEWER, INLETS AND MH
  - EXISTING POND OUTFALL TO REMAIN (SEE MODIFICATION DETAIL SHEET GR-3)
  - EXISTING INLET TO REMAIN
  - EXISTING CONCRETE SLAB TO REMAIN
  - EXISTING ASPHALT & CONCRETE PAVING TO REMAIN PENDING GEOTECHNICAL INVESTIGATION
  - MATCH EXISTING GRADES ALONG OUTSIDE PERIMETER OF SHADED AREA (LIMITS OF CONSTRUCTION)
  - EXIST OVERFLOW (ELEV 5120.22) TO REMAIN

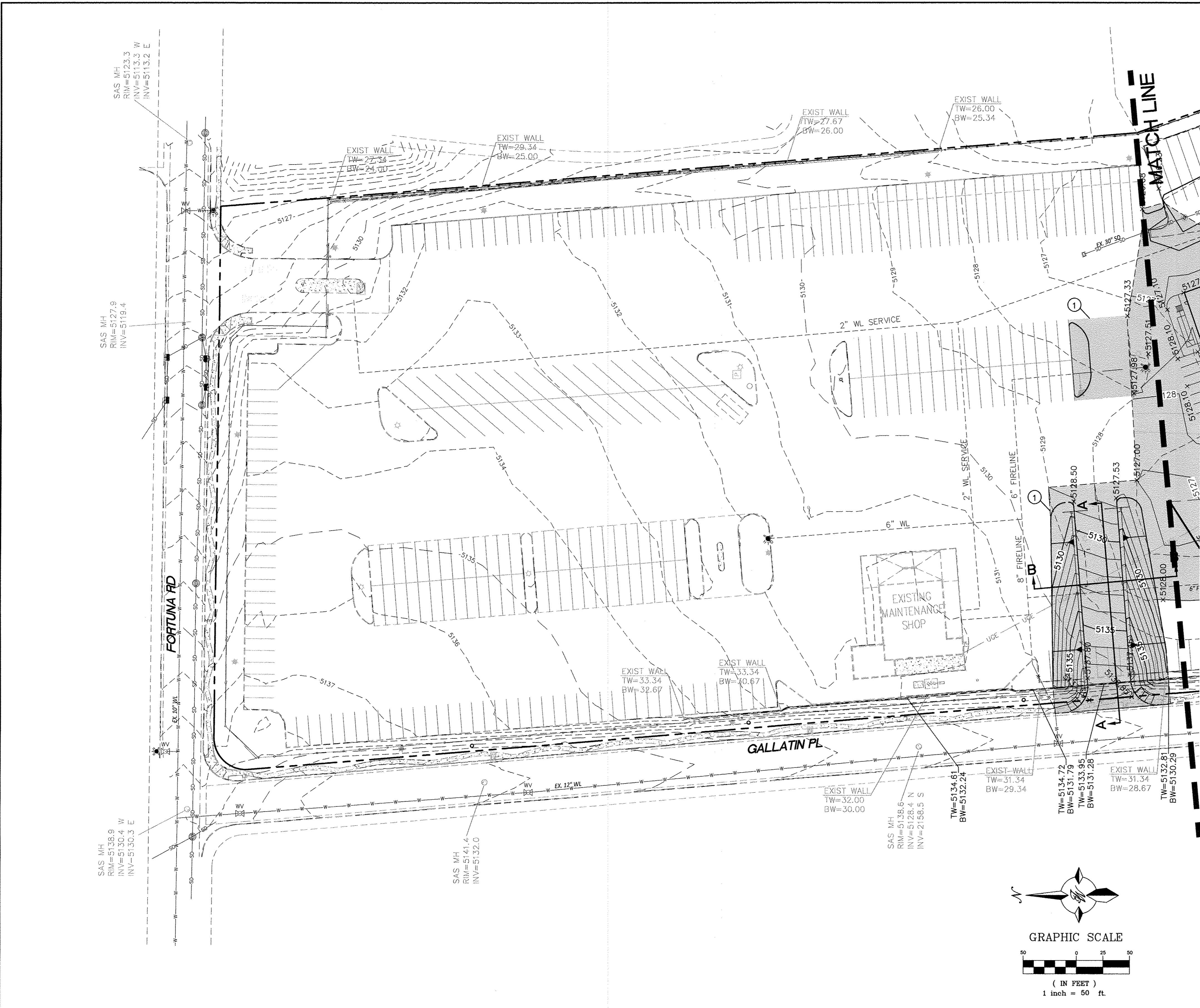
- NOTICE TO CONTRACTORS**
- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
  - ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HERON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
  - TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
  - PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONNECTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
  - BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
  - MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
  - WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.
  - PRIOR TO WORK WITHIN THE PASEO DEL NORTE RIGHT-OF-WAY, A NMDOT PERMIT WILL BE REQUIRED

- EROSION CONTROL NOTES**
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
  - CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
  - CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
  - REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
  - ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.

**CAUTION:**  
 ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.

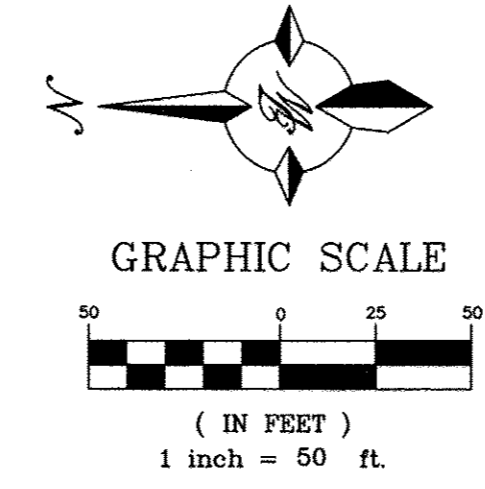
- LEGEND**
- CURB & GUTTER
  - - - BOUNDARY LINE
  - - - EASEMENT
  - ▭ BUILDING
  - ▭ CONCRETE
  - ▭ LIMITS OF ONSITE CONSTRUCTION
  - - - EXISTING CURB & GUTTER
  - SD - - - EXISTING STORM SEWER LINE (TO REMAIN)
  - - - EXISTING STORM SEWER LINE ADJUST EXISTING MH RIM AND INLET GRATE TO GRADE
  - SAS - - - EXISTING SANITARY SEWER LINE
  - - - EXISTING WATERLINE (TO REMAIN)
  - - - EXISTING WATERLINE (TO BE REMOVED)
  - - - EXISTING ELECTRIC LINE
  - EXISTING SINGLE CLEAN OUT
  - EXISTING DOUBLE CLEAN OUT
  - ⊙ EXISTING SD MANHOLE
  - ⊙ EXISTING INLET
  - ⊙ EXISTING SAS MANHOLE
  - ⊙ EXISTING FIRE HYDRANT
  - ⊙ EXISTING WATER METER
  - EXISTING POWER POLE
  - EXISTING LIGHT STANDARD (TO REMAIN)
  - EXISTING LIGHT STANDARD (TO BE REMOVED)
  - PROPOSED FIRE HYDRANT

	<b>7601 LOS VOLCANES RD NW</b> <b>ALBUQUERQUE, NM 87121</b>	DRAWN BY pm
	<b>GRADING AND DRAINAGE PLAN</b>	DATE 2-25-19
	<b>TIERRA WEST, LLC</b> 5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com	DRAWING 2018074-GR
RONALD R. BOHANNAN P.E. #7868		SHEET # <b>GR-1</b>
		JOB # 2018074



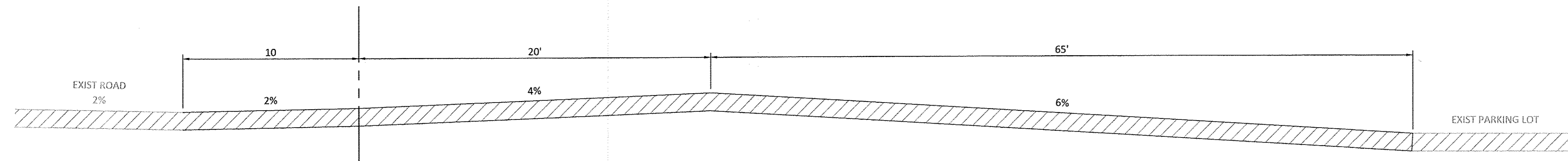
- LEGEND**
- Curb & Gutter
  - - - Boundary Line
  - - - Easement
  - ▭ Building
  - ▨ Concrete
  - ▭ Limits of Onsite Construction
  - - - Existing Curb & Gutter
  - SD — Existing Storm Sewer Line (To Remain)
  - - - Existing Storm Sewer Line (To Be Removed)
  - Adjust Existing MH Rim and Inlet Grate to Grade
  - SAS — Existing Sanitary Sewer Line
  - - - Existing Waterline (To Remain)
  - - - Existing Waterline (To Be Removed)
  - - - Existing Electric Line
  - Existing Single Clean Out
  - Double Clean Out
  - ⊙ Existing SD Manhole
  - ⊙ Existing Inlet
  - ⊙ Existing SAS Manhole
  - ⊙ Existing Fire Hydrant
  - ⊙ Existing Water Meter
  - Existing Power Pole
  - ☆ Existing Light Standard (To Remain)
  - ☆ Existing Light Standard (To Be Removed)
  - Proposed Fire Hydrant

**KEYED NOTES**  
 ① MATCH EXISTING GRADES ALONG OUTSIDE PERIMETER OF SHADED AREA (LIMITS OF CONSTRUCTION)

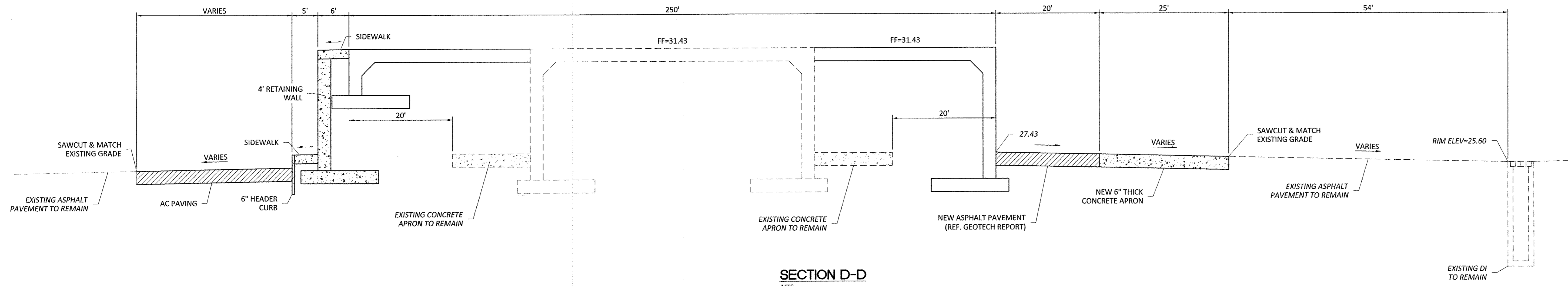


**CAUTION:**  
 ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.

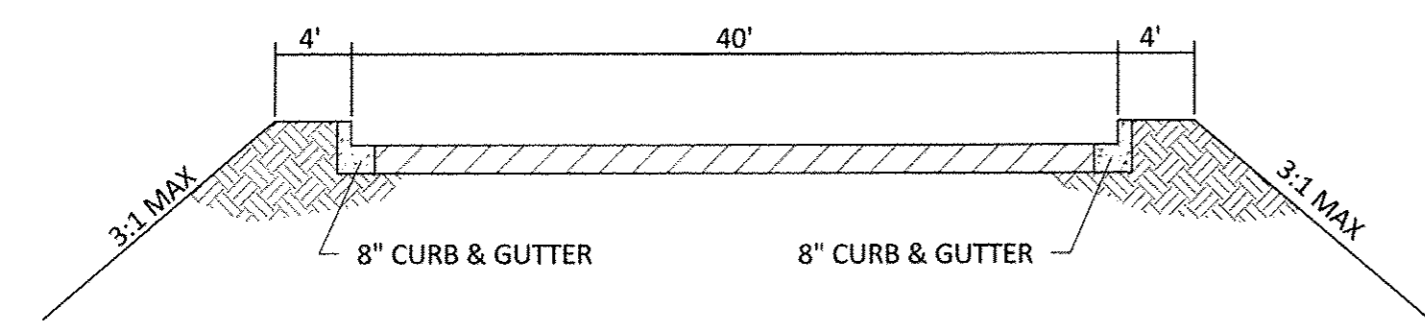
ENGINEER'S SEAL 	<b>7601 LOS VOLCANES RD NW</b> <b>ALBUQUERQUE, NM 87121</b>	DRAWN BY pm
	<b>GRADING AND DRAINAGE</b> <b>PLAN</b>	DATE 2-25-19
RONALD R. BOHANNAN P.E. #7868	<b>TERRA WEST, LLC</b> 5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierwestllc.com	DRAWING 2018074-GR
		SHEET # <b>GR-2</b>
		JOB # 2018074



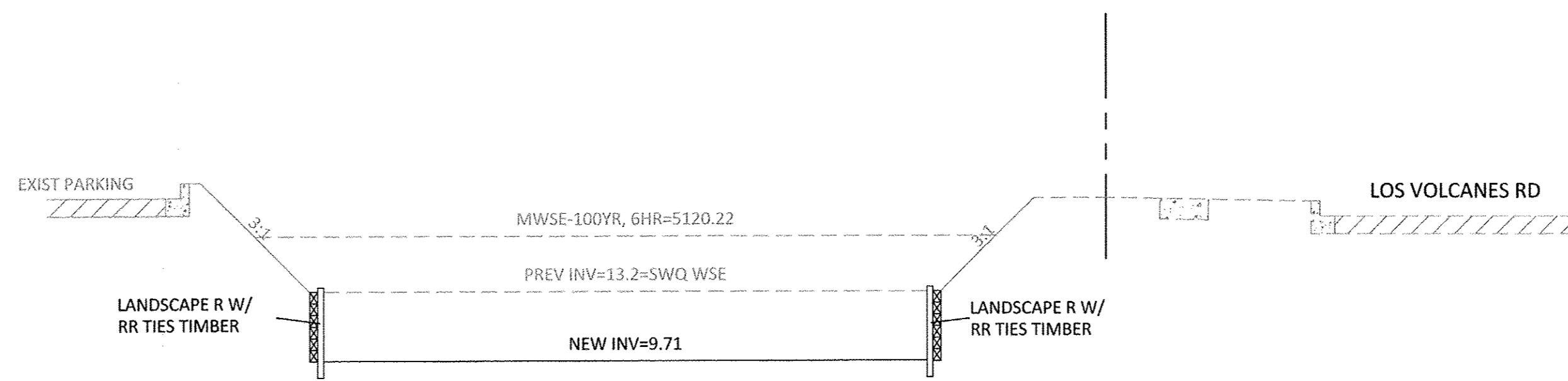
**SECTION A-A**  
NTS



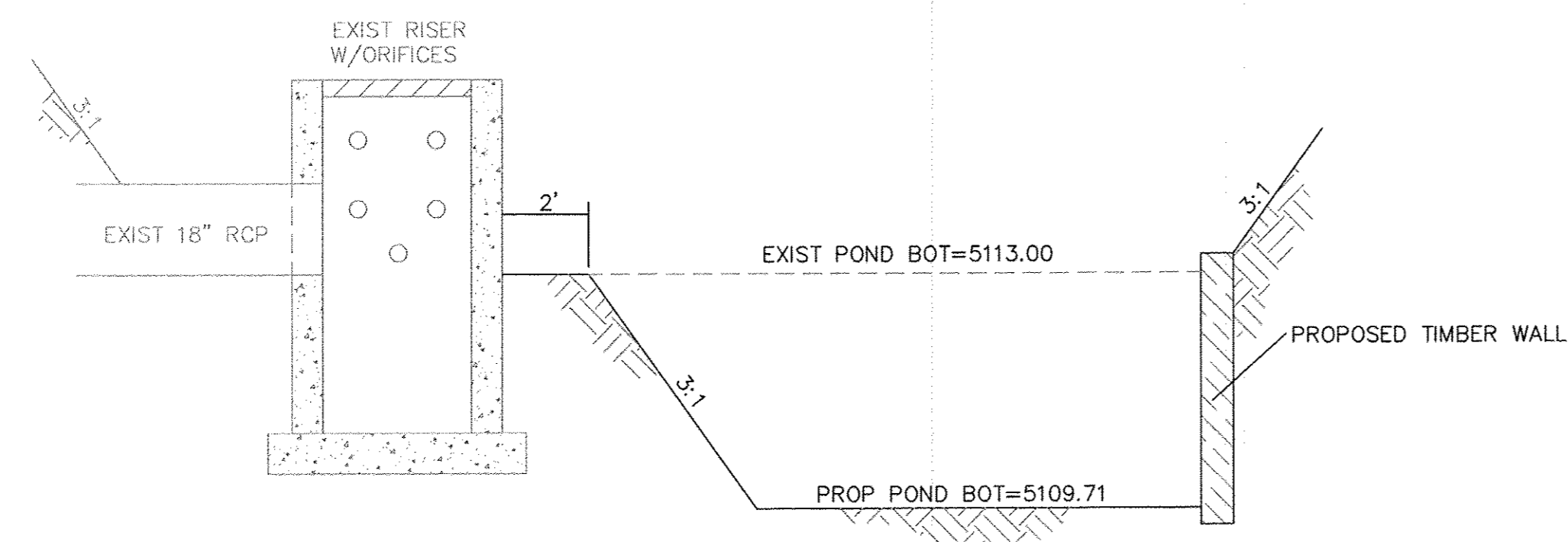
**SECTION D-D**  
NTS



**SECTION B-B**  
NTS



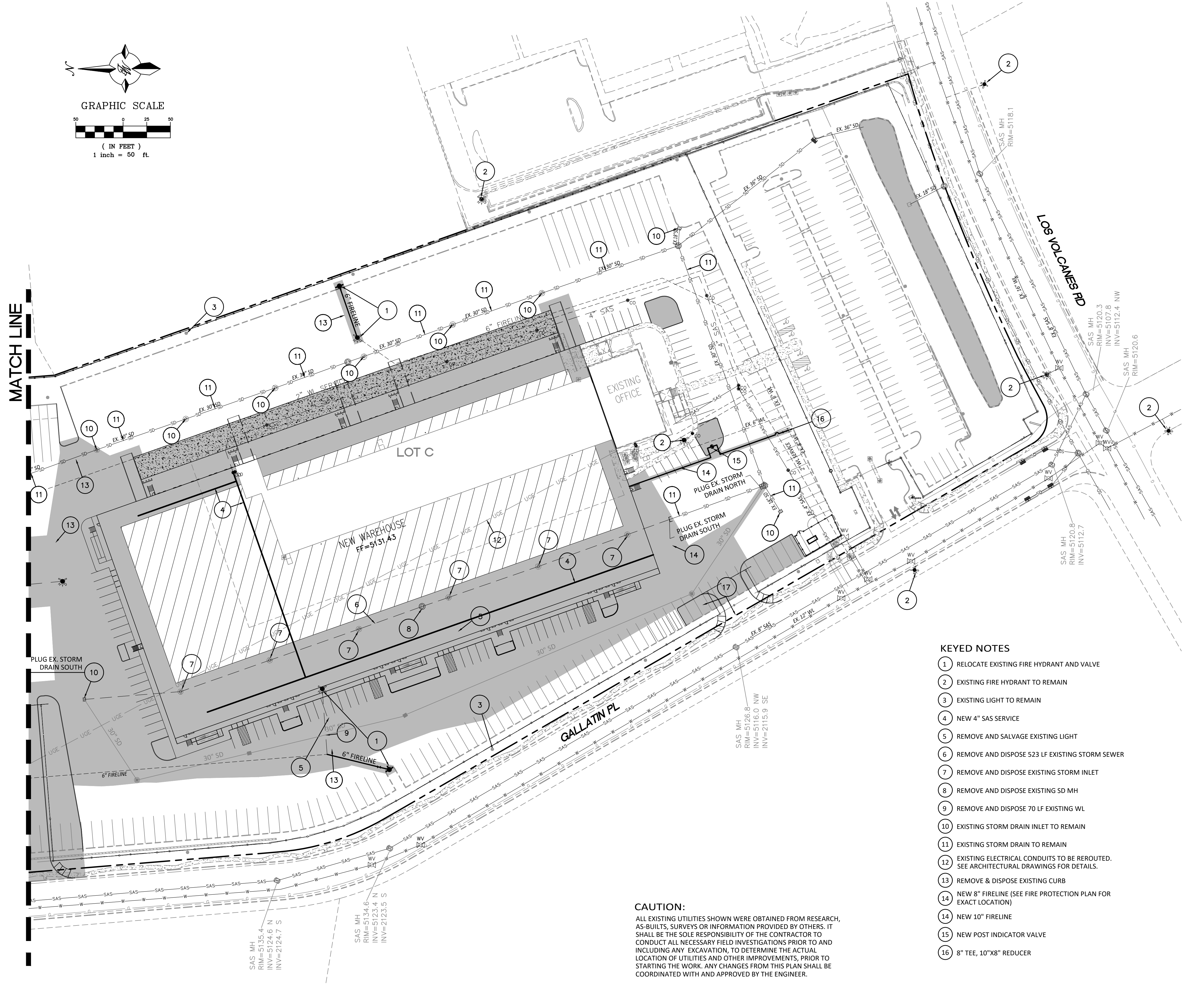
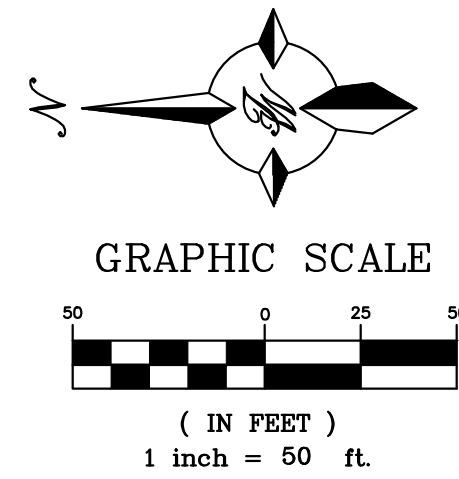
**SECTION C-C**  
NTS



**OUTFALL GRADING MODIFICATION DETAIL**  
NTS

	<b>7601 LOS VOLCANES RD NW</b> <b>ALBUQUERQUE, NM 87121</b>	DRAWN BY pm
	<b>GRADING SECTIONS</b>	DATE 2-25-19
	SHEET # <b>GR-3</b>	DRAWING 2018074-GR
	JOB # 2018074	RONALD R. BOHANNAN P.E. #7868





LEGEND	
	CURB & GUTTER
	BOUNDARY LINE
	EASEMENT
	BUILDING
	CONCRETE
	LIMITS OF ONSITE CONSTRUCTION
	EXISTING CURB & GUTTER
	EXISTING STORM SEWER LINE (TO REMAIN)
	EXISTING STORM SEWER LINE (TO BE REMOVED)
	ADJUST EXISTING MH RIM AND INLET GRATE TO GRADE
	EXISTING SANITARY SEWER LINE
	EXISTING WATERLINE (TO REMAIN)
	EXISTING WATERLINE (TO BE REMOVED)
	EXISTING ELECTRIC LINE
	EXISTING SINGLE CLEAN OUT
	DOUBLE CLEAN OUT
	EXISTING SD MANHOLE
	EXISTING INLET
	EXISTING SAS MANHOLE
	EXISTING FIRE HYDRANT
	EXISTING WATER METER
	EXISTING POWER POLE
	EXISTING LIGHT STANDARD (TO REMAIN)
	EXISTING LIGHT STANDARD (TO BE REMOVED)
	PROPOSED FIRE HYDRANT

- GENERAL UTILITY NOTES:**
- ALL WATER AND SEWER UTILITY WORK TO BE DONE IN ACCORDANCE WITH COA STANDARDS AND SPECIFICATIONS LATEST EDITION.
  - 4' MINIMUM BURY REQUIRED FOR ALL UTILITIES UNLESS OTHERWISE NOTED.
  - REFERENCE ARCHITECTURAL PLANS FOR WATER LINE RISER LOCATIONS.
  - CLEAN OUTS ARE TO BE BUILT PER UNIFORM PLUMBING CODE STANDARDS.
  - ALL PLUMBING PIPE MATERIAL TO BE USED PER UPC.
  - FIRE LINE AND DOMESTIC WATERLINE MUST HAVE BACKFLOW PREVENTORS PER UPC. IF BACKFLOW PREVENTOR IS INSTALLED EXTERIOR OF BUILDING A HOT BOX SHALL BE INSTALLED AND USED.
  - ALL EX. SD INLETS AND MH SHALL HAVE CONCRETE COLLARS POURED AND BE ADJUSTED TO FINISHED GRADE.
  - ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
  - ALL UTILITY DISTANCES SHOWN ARE FOR REFERENCE ONLY.
  - PNM HAS NUMEROUS ELECTRIC FACILITIES AT THIS SITE CURRENTLY SERVING EXISTING CUSTOMERS. THE APPLICANT SHALL COORDINATE WITH PNM REGARDING THESE EXISTING FACILITIES. ANY RELOCATION, CHANGES OR REALIGNMENT OF EXISTING ELECTRIC UTILITIES WILL BE THE DEVELOPER EXPENSE. IN SOME CASES, RELOCATION OR CHANGES TO EXISTING FACILITIES MAY NOT BE FEASIBLE DUE TO PHYSICAL, USE OR SAFETY CLEARANCE CONSTRAINTS.
  - PNM WILL REVIEW ALL TECHNICAL NEEDS, ISSUES AND SAFETY CLEARANCES FOR ITS ELECTRIC POWER SYSTEMS. ANY EXISTING AND PROPOSED PUBLIC UTILITY EASEMENTS SHALL BE INDICATED ON THE SITE PLAN UTILITY SHEET PRIOR TO DRB REVIEW. PNM'S STANDARD FOR PUBLIC UTILITY EASEMENTS IS 10 FEET IN WIDTH TO ENSURE ADEQUATE, SAFE CLEARANCES.
  - SCREENING SHALL BE DESIGNED TO ALLOW FOR ACCESS TO UTILITY FACILITIES. IT IS NECESSARY TO PROVIDE ADEQUATE CLEARANCE OF TEN FEET SURROUNDING ALL GROUND-MOUNTED UTILITIES FOR SAFE OPERATION, MAINTENANCE AND REPAIR PURPOSES.
  - ALL BUILDINGS - CONSTRUCTION TYPE IS II-B

- KEYED NOTES**
- RELOCATE EXISTING FIRE HYDRANT AND VALVE
  - EXISTING FIRE HYDRANT TO REMAIN
  - EXISTING LIGHT TO REMAIN
  - NEW 4" SAS SERVICE
  - REMOVE AND SALVAGE EXISTING LIGHT
  - REMOVE AND DISPOSE 523 LF EXISTING STORM SEWER
  - REMOVE AND DISPOSE EXISTING STORM INLET
  - REMOVE AND DISPOSE EXISTING SD MH
  - REMOVE AND DISPOSE 70 LF EXISTING WL
  - EXISTING STORM DRAIN INLET TO REMAIN
  - EXISTING STORM DRAIN TO REMAIN
  - EXISTING ELECTRICAL CONDUITS TO BE REROUTED. SEE ARCHITECTURAL DRAWINGS FOR DETAILS.
  - REMOVE & DISPOSE EXISTING CURB
  - NEW 8" FIRELINE (SEE FIRE PROTECTION PLAN FOR EXACT LOCATION)
  - NEW 10" FIRELINE
  - NEW POST INDICATOR VALVE
  - 8" TEE, 10"x8" REDUCER

**CAUTION:**  
 ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.

ENGINEER'S SEAL RONALD R. BOHANNAN P.E. #7868	7601 LOS VOLCANES RD NW ALBUQUERQUE, NM 87121	DRAWN BY pm
	MASTER UTILITY PLAN	DATE 2-25-19
 5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com		DRAWING 2018074-MU
		SHEET # <b>MU-1</b>
		JOB # 2018074