

INVITATION FOR BID  
FOR  
FINLEY GYM ADA MEN'S AND WOMEN'S RESTROOMS  
IFB NO. 092519  
CITY OF SOCORRO, NEW MEXICO



City of Socorro  
111 School of Mines Rd.  
Socorro, New Mexico 87801

ISSUE DATE: September 5, 2019

DUE DATE: September 25, 2019

## **OVERVIEW**

The City of Socorro was incorporated in 1882. It operates under a Mayor/Council form of government. Municipal services include the usual governmental functions of police, dispatch, animal control, fire, gas, water, sewer, parks & recreations, swimming pool, public library, and solid waste.

## **VACINITY MAP AND SITE PLAN**

The City of Socorro's Finley Gym is located at 202 McCutcheon Ave., Socorro, New Mexico 87801.

### APPENDIX A-1

## **SCOPE OF WORK**

### **Demo Scope of Work**

1. Coordinate disconnection of services (Plumbing, Electrical, etc.) with appropriate authority.
2. Demo existing closet walls at indicated locations.
3. Remove and relocate stored and or built-in objects in area of work. Confirm with appropriate authority of removed items and salvage or disposal of above.
4. Remove existing plywood panels at sprinkler closet. (To be replaced with new doors)
5. Remove existing wall covering panels at west wall. Reveal wall framing and interior wall cavity to prepare for new plumbing, venting, drains and new wall surface.
6. Remove sill jambs and related framing for existing thru-wall opening to office. Opening shall be eliminated and re-framed and repaired flush with new wall surface at both sides of wall.
7. Clean and prepare existing hardwood floor to receive new 3/8" plywood substrate.
8. Remove existing crawl space "Hatch" at N.E. corner to prepare for newly framed, permanent access hatch.
9. Contractor to inspect existing opening in ceiling for possible HVAC connection. Provide Grill and register if missing. (Note: HVAC not included in this proposal)
10. Option: Confirm with owner – Remove existing flush-mount overhead fluorescent fixtures for replacement with new low wattage units.

### APPENDIX A-2

### **New Construction Scope of Work**

1. Provide and install new 3/8" sanded plywood layer over existing hardwood floor. Fill any holes, gaps to allow smooth substrate for linoleum, fasten panels 6" OC along edges, 12" OC along joists.
2. Provide and install new solid core flush doors at existing door openings for sprinkler closet, with flush dead-bolt locks only (No door handles) trim as necessary for operation over new floor layers, repair holes in steel doorframes as necessary.

3. Install new plumbing, venting, and drainage as shown on drawings.
4. Electrician to inspect existing lighting circuit: divide circuit to allow separately switched men's and women's restrooms. Install new GFCI receptacles per drawings.
5. Re-frame existing wall opening and finish flush with new wall surface at both sides of wall.
6. Install new commercial grade linoleum floor surface.
7. Frame new crawl space "Hatch" at N.E. corner, finish level and flush with surrounding linoleum floor surface.
8. Frame and finish all new walls as shown on drawings.
9. Provide and install stall partitions where indicated.
10. Provide and install all new plumbing fixtures and lavatory equipment where shown.
11. Option: Confirm with owner to replace existing overhead light fixtures with new low wattage units.
12. Relocate light switch to restroom foyer.

#### APPENDIX A-3

##### **Elevation**

#### APPENDIX A-4

##### **Plumbing Riser Diagram**

#### APPENDIX A-5

##### **Electrical Plan**

#### APPENDIX A-6

### **PROCUREMENT**

The City of Socorro hereby invites competitive sealed bids from qualified experienced Contractors for the Construction of ADA Men's and Women's Restrooms at Finley Gym.

Sealed bids will be accepted until bid opening at 3:00 p.m., September 25, 2019 in the City Hall Council Chambers 111 School of Mines Rd., Socorro, New Mexico 87801. At that time bids will be opened publicly and recorded. The City of Socorro reserves the right to reject any or all bids, to waive technical irregularities, and to award the bid to the bidder whose bid it deems to be in the best interest of the City of Socorro.

Any bid received after the above date and or time will be returned unopened. All bids must be clearly marked "IFB092519" in the lower left corner of the envelope. The bidder shall assume full responsibility for the timely delivery of bid.

Please submit two (2) original copies of bid.

The envelope shall be addressed to:

**City of Socorro  
Leopoldo (Polo) Pineda, Jr.  
Chief Procurement Officer  
Post Office Drawer K  
Socorro, New Mexico 87801**

Site Visits and any questions related to this IFB should be addressed to Lloyd Martinez at (575) 650-0545.

Request IFB Documents from Leopoldo (Polo) Pineda, Jr. at (575) 835-0240 or email [ppineda@socorronm.gov](mailto:ppineda@socorronm.gov).

**CAMPAIGN CONTRIBUTION DISCLOSURE FORM**

Offeror must complete, sign, and return the Campaign Contribution Disclosure Form. APPENDIX A, as a part of their proposal. This requirement applies regardless whether a covered contribution was made or not made. Failure to complete and return the signed unaltered form will result in disqualification.

# APPENDIX A

## CAMPAIGN CONTRIBUTION DISCLOSURE FORM

Pursuant to NMSA 1978, § 13-1-191.1 (2006), any person seeking to enter into a contract with any state agency or local public body **for professional services, a design and build project delivery system, or the design and installation of measures the primary purpose of which is to conserve natural resources** must file this form with that state agency or local public body. This form must be filed even if the contract qualifies as a small purchase or a sole source contract. The prospective contractor must disclose whether they, a family member or a representative of the prospective contractor has made a campaign contribution to an applicable public official of the state or a local public body during the two years prior to the date on which the contractor submits a proposal or, in the case of a sole source or small purchase contract, the two years prior to the date the contractor signs the contract, if the aggregate total of contributions given by the prospective contractor, a family member or a representative of the prospective contractor to the public official exceeds two hundred and fifty dollars (\$250) over the two year period.

Furthermore, the state agency or local public body shall void an executed contract or cancel a solicitation or proposed award for a proposed contract if: 1) a prospective contractor, a family member of the prospective contractor, or a representative of the prospective contractor gives a campaign contribution or other thing of value to an applicable public official or the applicable public official's employees during the pendency of the procurement process or 2) a prospective contractor fails to submit a fully completed disclosure statement pursuant to the law.

THIS FORM MUST BE FILED BY ANY PROSPECTIVE CONTRACTOR WHETHER OR NOT THEY, THEIR FAMILY MEMBER, OR THEIR REPRESENTATIVE HAS MADE ANY CONTRIBUTIONS SUBJECT TO DISCLOSURE.

The following definitions apply:

**“Applicable public official”** means a person elected to an office or a person appointed to complete a term of an elected office, who has the authority to award or influence the award of the contract for which the prospective contractor is submitting a competitive sealed proposal or who has the authority to negotiate a sole source or small purchase contract that may be awarded without submission of a sealed competitive proposal.

**“Campaign Contribution”** means a gift, subscription, loan, advance or deposit of money or other thing of value, including the estimated value of an in-kind contribution, that is made to or received by an applicable public official or any person authorized to raise, collect or expend contributions on that official's behalf for the purpose of electing the official to either statewide or local office. “Campaign

Contribution” includes the payment of a debt incurred in an election campaign, but does not include the value of services provided without compensation or unreimbursed travel or other personal expenses of individuals who volunteer a portion or all of their time on behalf of a candidate or political committee, nor does it include the administrative or solicitation expenses of a political committee that are paid by an organization that sponsors the committee.

“**Family member**” means spouse, father, mother, child, father-in-law, mother-in-law, daughter-in-law or son-in-law.

“**Pendency of the procurement process**” means the time period commencing with the public notice of the request for proposals and ending with the award of the contract or the cancellation of the request for proposals.

“**Person**” means any corporation, partnership, individual, joint venture, association or any other private legal entity.

“**Prospective contractor**” means a person who is subject to the competitive sealed proposal process set forth in the Procurement Code or is not required to submit a competitive sealed proposal because that person qualifies for a sole source or a small purchase contract.

“**Representative of a prospective contractor**” means an officer or director of a corporation, a member or manager of a limited liability corporation, a partner of a partnership or a trustee of a trust of the prospective contractor.

DISCLOSURE OF CONTRIBUTIONS:

Contribution Made By: \_\_\_\_\_

Relation to Prospective Contractor: \_\_\_\_\_

Name of Applicable Public Official: \_\_\_\_\_

Date Contribution(s) Made: \_\_\_\_\_

Amount(s) of Contribution(s) \_\_\_\_\_

Nature of Contribution(s) \_\_\_\_\_

Purpose of Contribution(s) \_\_\_\_\_

(Attach extra pages if necessary)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title (position)

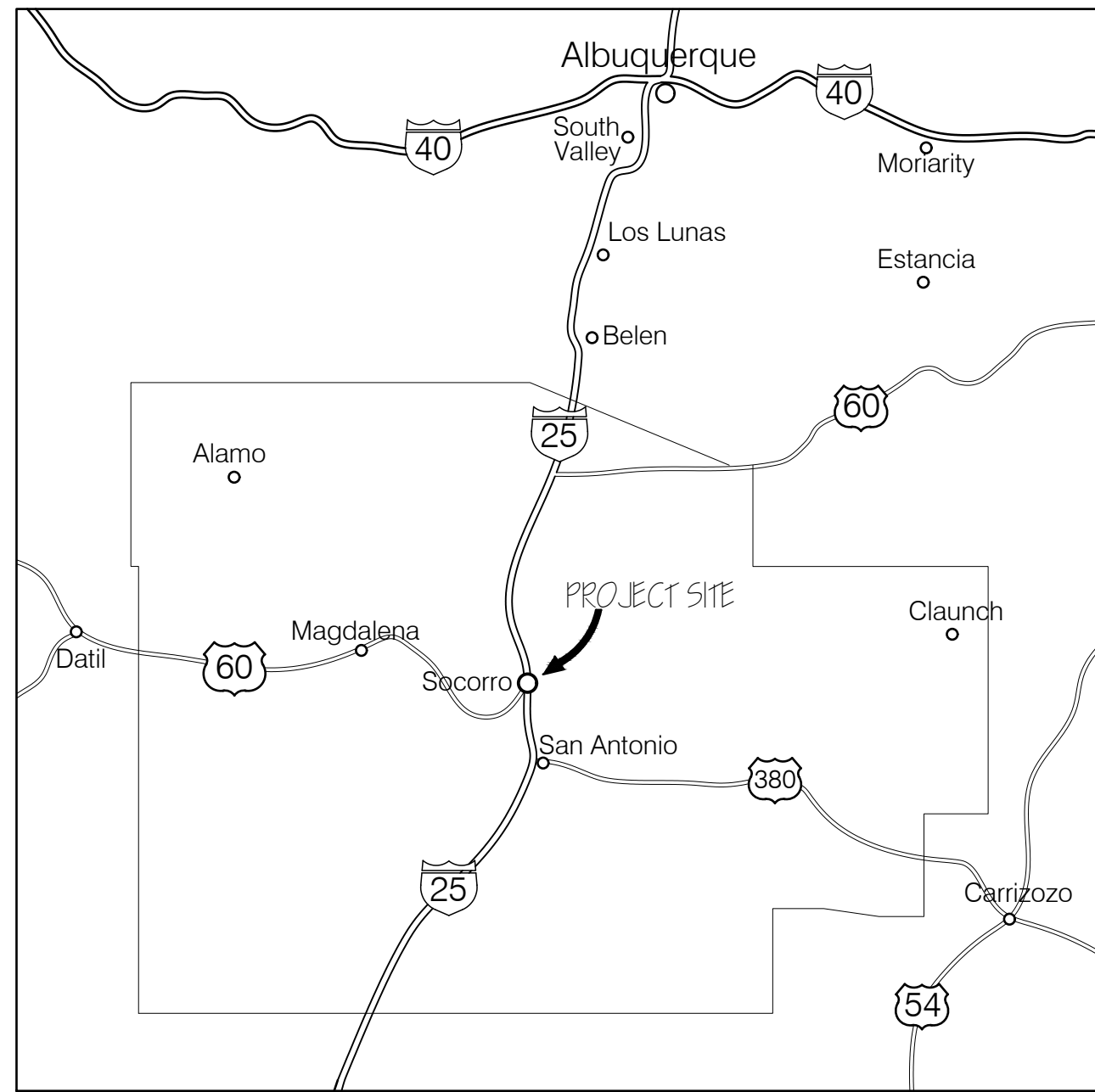
--OR--

**NO CONTRIBUTIONS IN THE AGGREGATE TOTAL OVER TWO HUNDRED FIFTY DOLLARS (\$250) WERE MADE** to an applicable public official by me, a family member or representative.

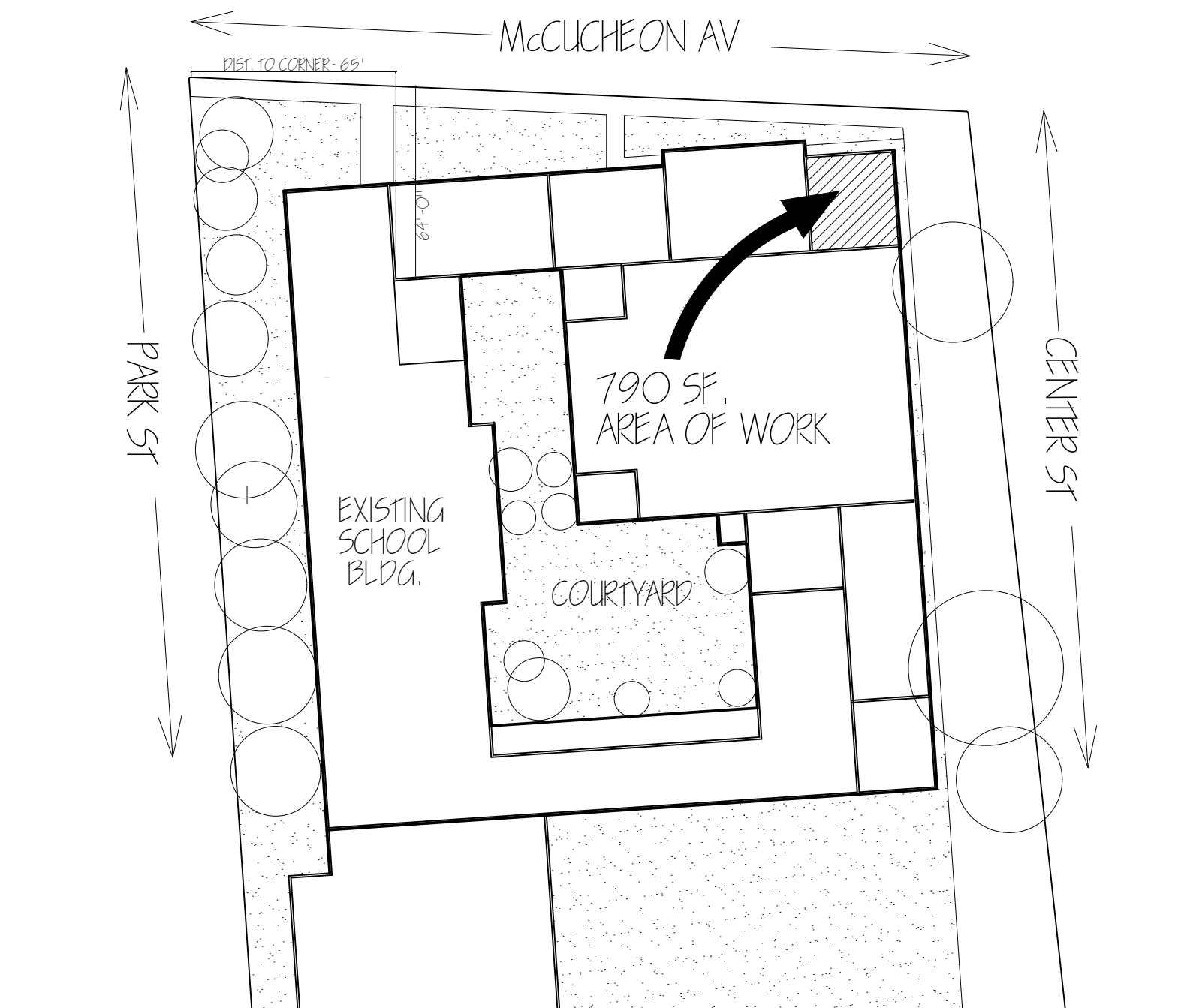
\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title



1 VICINITY MAP  
NTS



2 SITE PLAN  
NTS

# FINLEY GYM ADA MEN'S AND WOMEN'S RESTROOMS

CONSTRUCTION GENERAL NOTES:

- 1) THE CONSTRUCTION GENERAL NOTES ARE INTENDED TO AUGMENT THE DRAWINGS AND SPECIFICATIONS. SHOULD CONFLICTS EXIST, THE STRICTEST PROVISION SHALL GOVERN.
- 2) GOVERNING CODES = IBC 2015, ADA 2010 & ICC ANSI A117.1
- 3) FOUNDATION IS AS EXISTING, WITH ASSUMED BEARING CAPACITY OF 1500 PSF.
- 4) THE HOST STRUCTURE IS PRE-EXISTING AND WAS DETERMINED TO BE SELF SUPPORTING AND STABLE PRIOR TO ALTERATIONS. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE DEMOLITION & ERECTION PROCEDURE AND SEQUENCE, & TO INSURE THE SAFETY OF THE BLDG & ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES THE ADDITION OF WHATEVER TEMPORARY SHORING, BRACING, GUYS OR TIE-DOWNS WHICH MIGHT BE NECESSARY. SUCH MATERIAL SHALL REMAIN THE CONTRACTORS PROPERTY AFTER COMPLETION OF PROJECT.
- 5) CONTRACTOR & SUBCONTRACTORS SHALL GO TO THE JOB SITE TO MAKE ACCURATE FIELD MEASUREMENTS AND NOTE ANY CONDITIONS WHICH MAY AFFECT THE WORK. THE CONTRACTOR & SUBS WILL BE HELD TO HAVE EXAMINED AND UNDERSTOOD THE SCOPE OF WORK AND FIELD CONDITIONS AT THE PROJECT SITE WHICH MAY IMPACT THE OVERALL EXECUTION OF THE PROJECT. NO ALLOWANCE WILL BE MADE IN BEHALF OF THE CONTRACTORS FOR ANY ERROR OR NEGLIGENCE OR HIS PART IN EXAMINING THE SITE OR STRUCTURES
- 6) THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND LOCATIONS OF COLUMNS, WALLS, ANCHORS, OPENINGS, ETC. WITH THE DRAWINGS PRIOR TO PROCEEDING WITH THE WORK, AND REPORT DISCREPANCIES TO DESIGNER AS NECESSARY.
- 7) ALL CONSTRUCTION EQUIPMENT AND METHODS USED SHALL COMPLY WITH THE REQUIREMENTS OF THE I.B.C. / NMAC AND / OR ANY APPLICABLE REGULATIONS OF SOCORRO COUNTY OR OTHER A.H.J.
- 8) BEFORE COMMENCING WORK THE CONTRACTOR AND / OR SUBCONTRACTORS SHALL ARRANGE, APPLY AND PAY FOR ALL NECESSARY PERMITS, INSPECTIONS AND EXAMINATION FEES REQUIRED BY ANY PUBLIC AUTHORITY HAVING JURISDICTION FOR THE PROJECT / SITE. ALL REQUIRED FEE DOCUMENTATION, COPIES OF ALL CERTIFICATES AND PERMITS SHALL BE SUBMITTED TO THE OWNER / APPROPRIATE AUTHORITIES BEFORE WORK COMMENCEMENT.

- 9) IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.
- 10) THE CONTRACTOR SHALL SUPPLY ALL MATERIALS, APPLIANCES, TOOLS, LABOR AND SERVICE NECESSARY TO COMPLETE THE WORK IN EVERY RESPECT ACCORDING TO THESE DRAWINGS.
- 11) MINOR DETAILS, FASTENERS, HARDWARE, ETC. NOT SHOWN OR SPECIFIED BUT NECESSARY FOR PROPER CONSTRUCTION, CODE COMPLIANCE, AND COMPLETION FOR ANY PART OF THE WORK, SHALL BE IDENTIFIED AND CONSIDERED BY THE CONTRACTOR IN ADVANCE AND INCLUDED IN THE PROJECT BIDDING AND CONSTRUCTION AS IF THEY HAD BEEN INDICATED IN THE DRAWINGS.
- 12) THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS IN CONNECTION WITH THE WORK.
- 13) CONTRACTOR SHALL KEEP ALL AREAS FREE FROM THE ACCUMULATION OF CONSTRUCTION DEBRIS. ALL DEBRIS SHALL BE REMOVED FROM THE SITE ON A DAILY BASIS OR PLACED IN WASTE CONTAINERS FOR PROPER REMOVAL.

PLUMBING AND HVAC NOTES:

- 1) ALL HEATING AND COOLING EQUIPMENT SHOWN HERE FOR PRELIMINARY ESTIMATION AND PLANNING PURPOSES ONLY.
- 2) ALL FINAL EQUIPMENT TO BE SIZED AND SELECTED BY LICENSED HVAC CONTRACTOR.
- 3) ALL ALTERNATE EQUIPMENT PROPOSAL DETAILS / PRODUCT SPECIFICATIONS / COST ESTIMATES TO BE SUBMITTED TO OWNER FOR APPROVAL.
- 4) PLUMBING WORK AND HVAC WORK MAY BE BID SEPARATELY.

SEAL:

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PO Box 203 Socorro NM 87801  
(575) 418 7389

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**FINLEY GYM ADA MENS & WOMENS RESTROOMS**

CITY OF SOCORRO  
CONSTRUCTION TYPE V - 790 sf. area of work  
OCCUPANT LOAD LESS THAN 50 = OCCUPANCY B

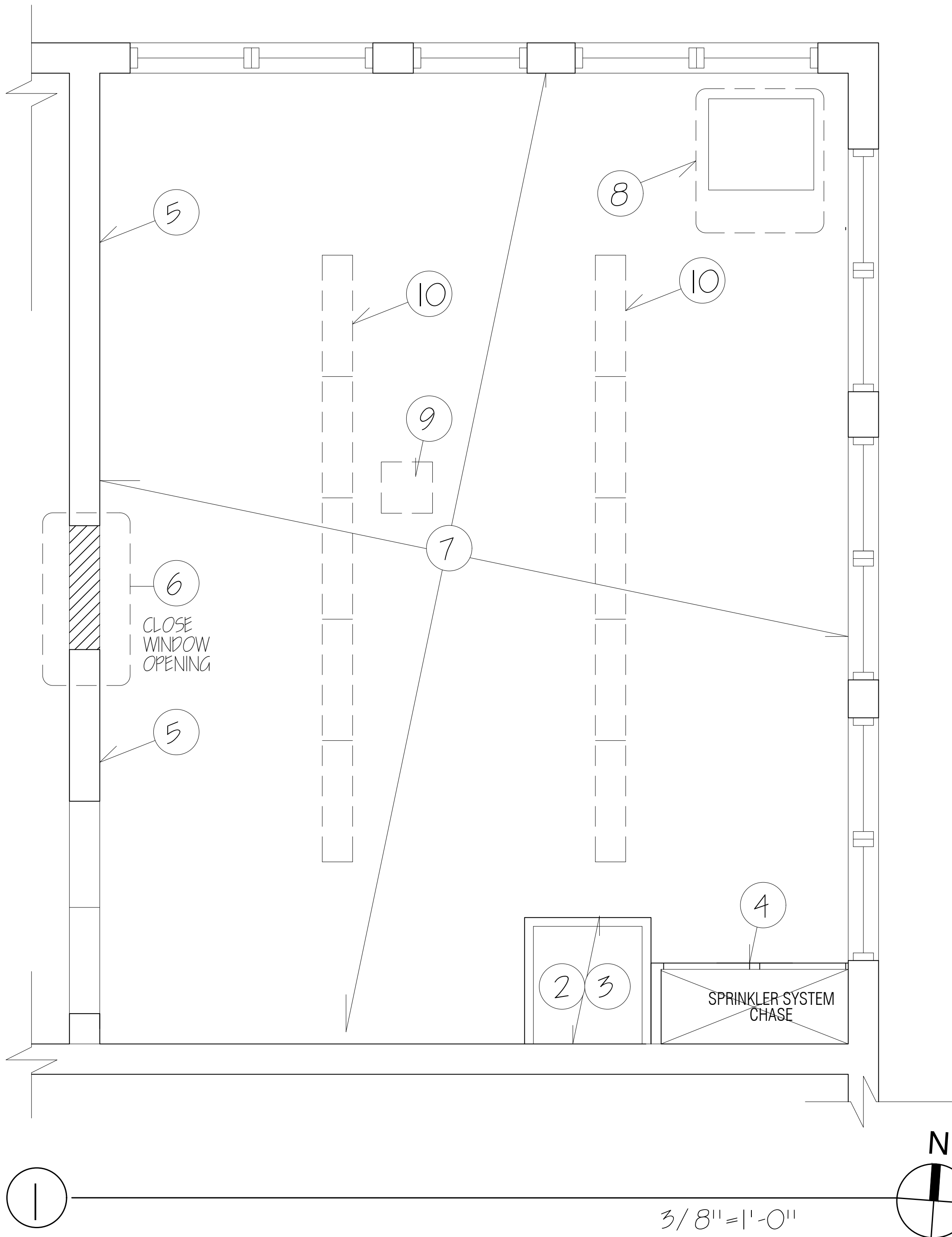
PLOT PLAN

DATE: 6-7-2019  
REVISION DATE

SHEET:

**A-1**





DEMO SCOPE OF WORK:

- ① COORDINATE DISCONNECTION OF SERVICES ( PLUMB, ELECTRICAL, ETC.) WITH DIRECTOR OF GYM, OR APPROPRIATE AUTHORITY.
- ② DEMO EXISTING CLOSET WALLS AT INDICATED LOCATIONS.
- ③ REMOVE / RELOCATE STORED AND/ OR BUILT-IN OBJECTS IN AREA OF WORK. CONFIRM WITH OWNER OR APPROPRIATE AUTHORITY OWNERSHIP OF REMOVED ITEMS AND SALVAGE OR DISPOSAL OF ABOVE.
- ④ REMOVE EXISTING PLYWOOD PANELS @ SPRINKLER CLOSET, ( TO BE REPLACED WITH NEW DOORS)
- ⑤ REMOVE EXISTING WALL COVERING/ PANELS AT WEST WALL. REVEAL WALL FRAMING AND INTERIOR WALL CAVITY TO PREPARE FOR NEW PLUMBING/ VENTING, DRAINS AND NEW WALL SURFACE
- ⑥ REMOVE SILL, JAMBS AND ALL RELATED FRAMING FOR EXISTING THRU-WALL OPENING TO OFFICE. OPENING SHALL BE ELIMINATED AND RE-FRAMED / REPAIRED FLUSH WITH NEW WALL SURFACE AT BOTH SIDES OF WALL.
- ⑦ CLEAN AND PREPARE EXISTING HARDWOOD FLOOR TO RECEIVE NEW 3/ 8" PLYWOOD SUBSTRATE.
- ⑧ REMOVE EXIST. CRAWLSPACE "HATCH" AT N.E. CORNER TO PREPARE FOR NEWLY FRAMED, PERMANENT ACCESS HATCH.
- ⑨ CONTRACTOR TO INSPECT EXISTING OPENING IN CEILING FOR POSSIBLE HVAC CONNECTION. PROVIDE GRILLE/ REGISTER IF MISSING. ( NOTE: HVAC NOT INCLUDED IN THIS PROPOSAL.)
- ⑩ OPTION: CONFIRM WITH OWNER- REMOVE EXISTING FLUSH-MOUNT OVERHEAD FLOURESCENT FIXTURES FOR REPLACEMENT WITH NEW LOW WATTAGE UNITS.

KEY TO DRAWING SYMBOLS:

- EXISTING WALL TO REMAIN
  - ▒ PORTION OF EXISTING WALL TO BE REMOVED.
  - ▨ NEWLY CONSTRUCTED FRAMED WALL PER SPECS..
  - SCOPE OF WORK ITEM FOR PRECISE LOCATION INDICATED.
  - ◌ SCOPE OF WORK ITEM FOR FULL EXTENT OF AREA.
  - ◌ SCOPE OF WORK ITEM FOR SPECIFIC AREA INDICATED.
- ELEVATION REFERENCE SYMBOL:
- ① INDICATES DRAWING NUMBER
  - A-0 INDICATES SHEET WHERE DRAWING IS FOUND.

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**FINLEY GYM ADA MEN'S AND WOMEN'S RESTROOMS**

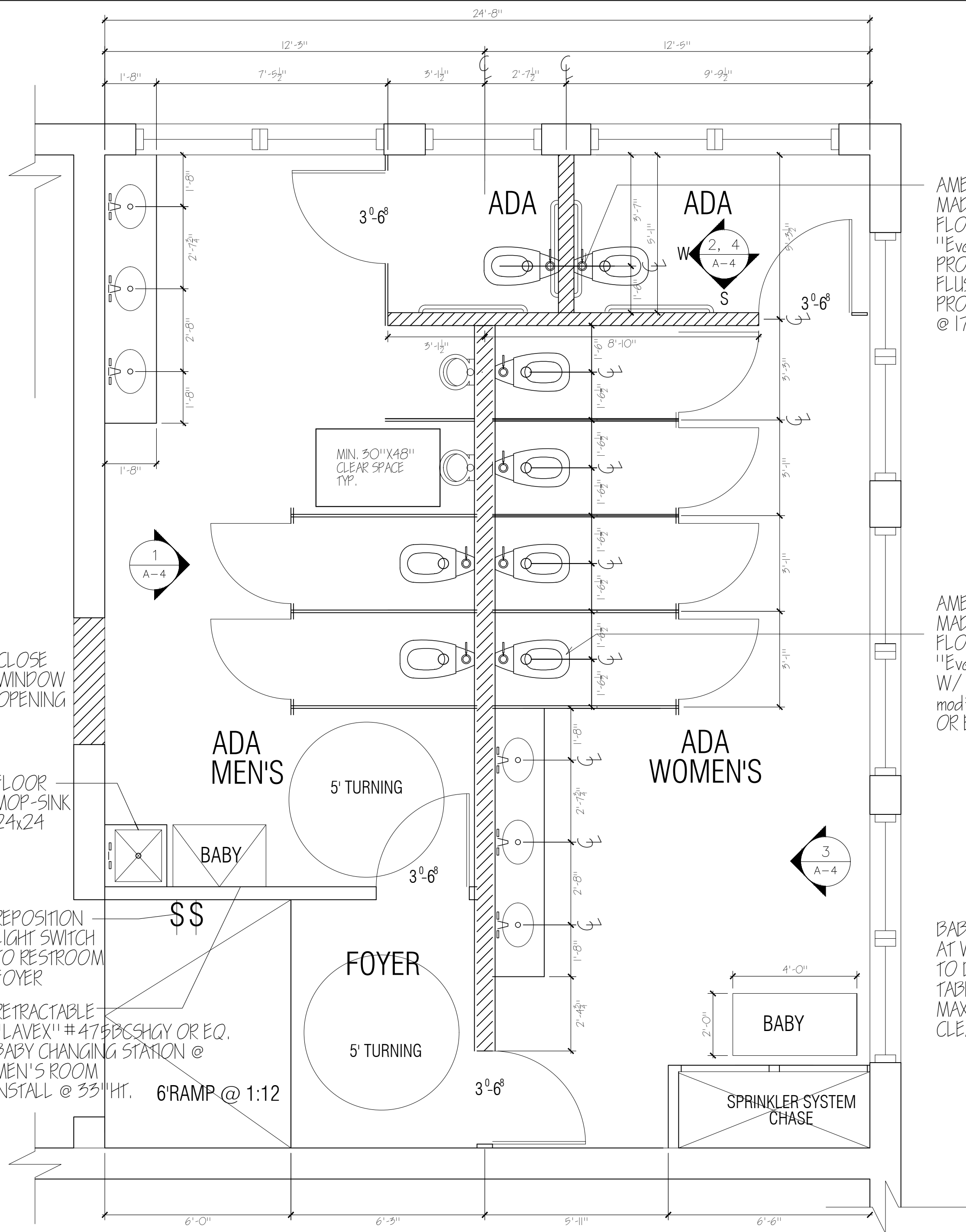
CITY OF SOCORRO  
CONSTRUCTION TYPE V - 790 sf. area of work  
OCCUPANT LOAD LESS THAN 50 = OCCUPANCY B

DEMO PLAN

DATE: 06-09-2019  
REVISION DATE

SHEET:

**A-2**



AMERICAN STANDARD  
MADERA 1.28 GPF  
FLOOR-MOUNT  
"EverClean" TOILET  
PROVIDE AUTOMATIC  
FLUSH @ ADA STALLS  
PROVIDE ADA SEAT  
@ 17-19" HT. FROM F.F.

AMERICAN STANDARD  
MADERA 1.28 GPF  
FLOOR-MOUNT  
"EverClean" TOILET  
W/ MANUAL FLUSH  
mod# 2855.128.020  
OR EQ.

BABY CHANGING STATION  
AT WOMENS REST ROOM  
TO BE FREESTANDING  
TABLE / FURNITURE:  
MAX. 34" HT, 29" KNEE  
CLEARANCE MIN.

NEW CONSTRUCTION SCOPE OF WORK:

- 11 PROVIDE & INSTALL NEW 3/8" SANDED PLYWOOD LAYER OVER EXISTING HARDWOOD FLOOR. FILL ANY HOLES, GAPS TO ALLOW SMOOTH SUBSTRATE FOR LINOLEUM. FASTEN PANELS 6" OC ALONG EDGES, 12" OC ALONG JOISTS
- 12 PROVIDE & INSTALL NEW SOLID CORE FLUSH DOORS @ EXISTING DOOR OPENINGS FOR SPRINKLER CLOSET, WITH FLUSH DEAD-BOLT LOCKS ONLY (NO DOOR HANDLES) TRIM AS NECESSARY FOR OPERATION OVER NEW FLOOR LAYERS. REPAIR HOLES IN STEEL DOORFRAMES AS NECESSARY.
- 13 INSTALL NEW PLUMBING / VENTING / DRAINAGE AS SHOWN ON DWGS.
- 14 ELECTRICIAN TO INSPECT EXISTING LIGHTING CIRCUIT: DIVIDE CKT. TO ALLOW SEPARATELY SWITCHED M/F RESTROOMS. INSTALL NEW GFCI RECEPTACLES PER DWGS.
- 15 RE-FRAME EXISTING WALL OPENING AND FINISH FLUSH WITH NEW WALL SURFACE AT BOTH SIDES OF WALL.
- 16 INSTALL NEW COMMERCIAL GRADE LINOLEUM FL. SURFACE.
- 17 FRAME NEW CRAWL SPACE "HATCH" AT N.E. CORNER, FINISH LEVEL & FLUSH WITH SURROUNDING LINO. FLOOR SURFACE.
- 18 FRAME AND FINISH ALL NEW WALLS AS SHOWN ON DWGS.
- 19 PROVIDE AND INSTALL STALL PARTITIONS WHERE INDICATED.
- 20 PROVIDE AND INSTALL ALL NEW PLUMBING FIXTURES AND LAVATORY EQUIPMENT WHERE SHOWN.
- 21 OPTION: CONFIRM WITH OWNER- REPLACE EXISTING OVERHEAD LIGHT FIXTURES WITH NEW LOW WATTAGE UNITS.
- 22 RELOCATE LIGHT SWITCH TO RESTROOM FOYER

NOTE: NO ADDITIONS TO BE MADE TO EXISTING ELECTRICAL CIRCUITS. WIRING METHOD OR SERVICE. ELECTRICIAN TO CONFIRM THAT EXISTING RECEPTACLES ARE GFCI. REPLACE AS NECESSARY. REPLACE EXISTING LIGHT SWITCHES WITH NEW.

KEY TO DRAWING SYMBOLS:

- EXISTING WALL TO REMAIN
- ▣ PORTION OF EXISTING WALL TO BE REMOVED.
- ▨ NEWLY CONSTRUCTED FRAMED WALL PER SPECS..
- SCOPE OF WORK ITEM FOR PRECISE LOCATION INDICATED.
- ⊖ SCOPE OF WORK ITEM FOR FULL EXTENT OF AREA.
- ⊕ SCOPE OF WORK ITEM FOR SPECIFIC AREA INDICATED.
- ⊕ ELEVATION REFERENCE SYMBOL:  
INDICATES DRAWING NUMBER  
INDICATES SHEET WHERE DRAWING IS FOUND.

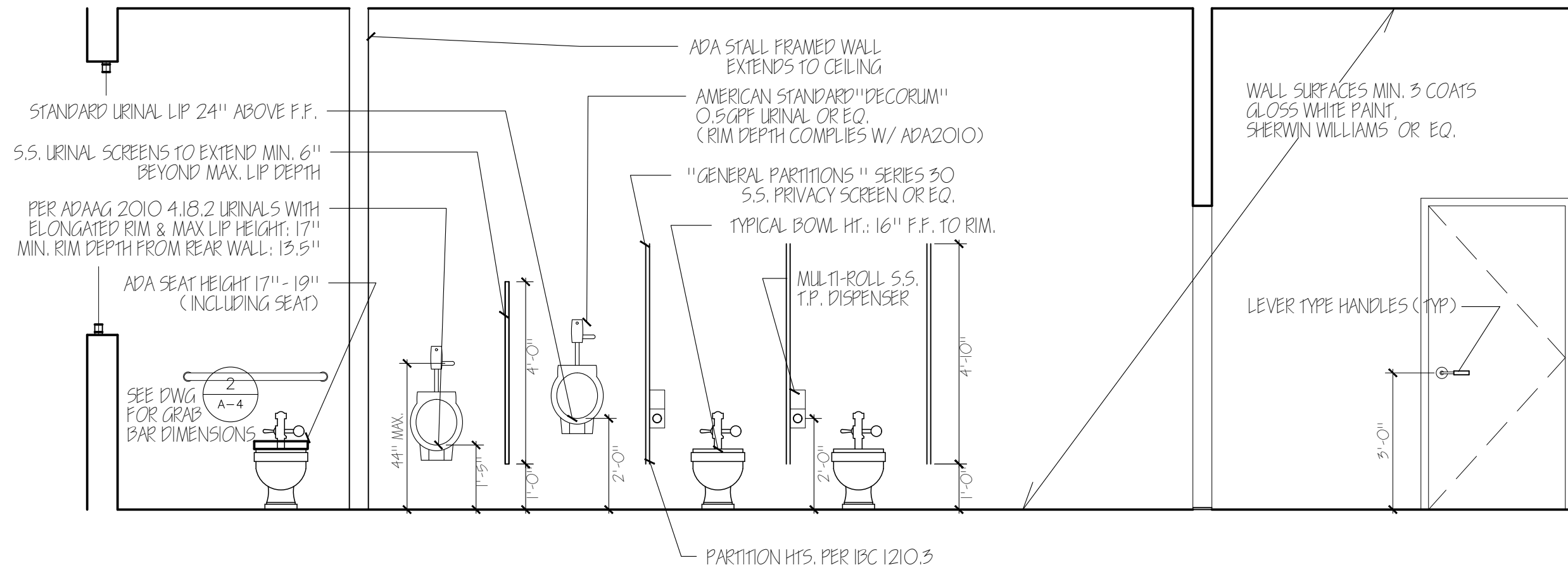
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**FINLEY GYM ADA MEN'S AND WOMEN'S RESTROOMS**  
CITY OF SOCORRO  
CONSTRUCTION TYPE V - 790 sf. area of work  
OCCUPANT LOAD LESS THAN 50 = OCCUPANCY B

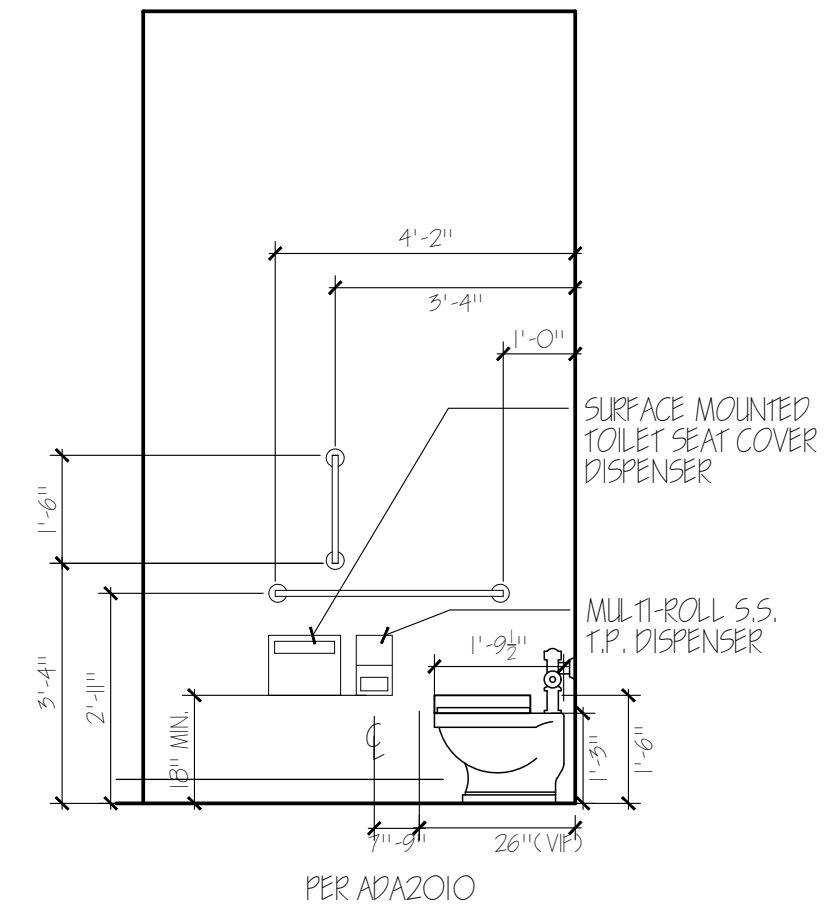
**NEW CONSTRUCTION PLAN**  
DATE: 06-13-2019  
REVISION DATE

SHEET:  
**A-3**



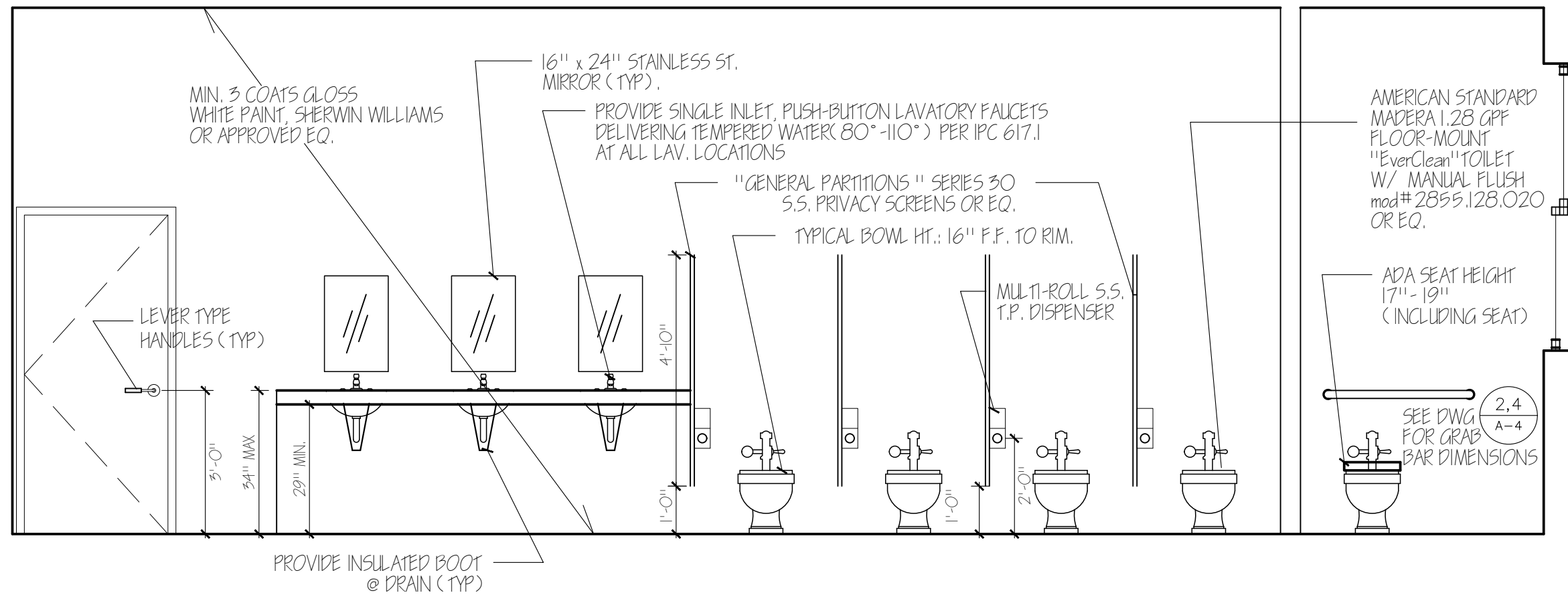
1 MEN'S RESTROOM EAST ELEVATION

3/8" = 1'-0"



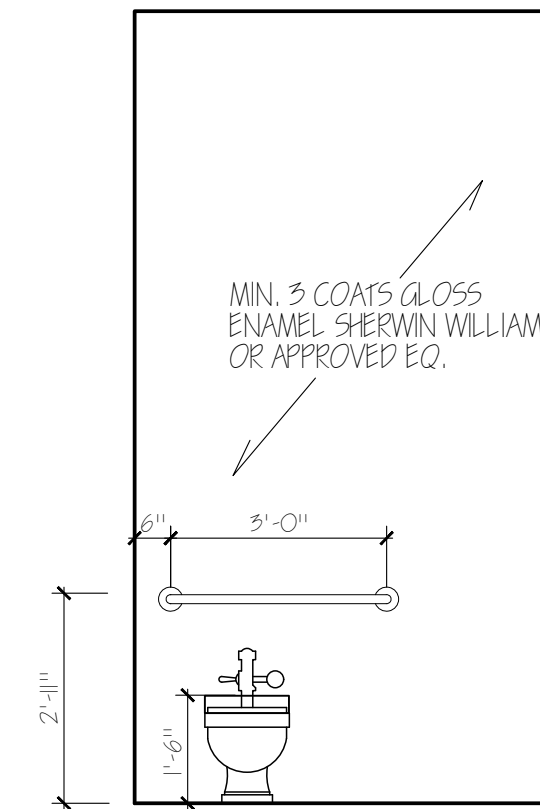
2 ADA TOILET STALL

grab bar dimensions 3/8" = 1'-0"



3 WOMEN'S RESTROOM WEST ELEVATION

3/8" = 1'-0"



4 ADA TOILET STALL

grab bar dimensions 3/8" = 1'-0"

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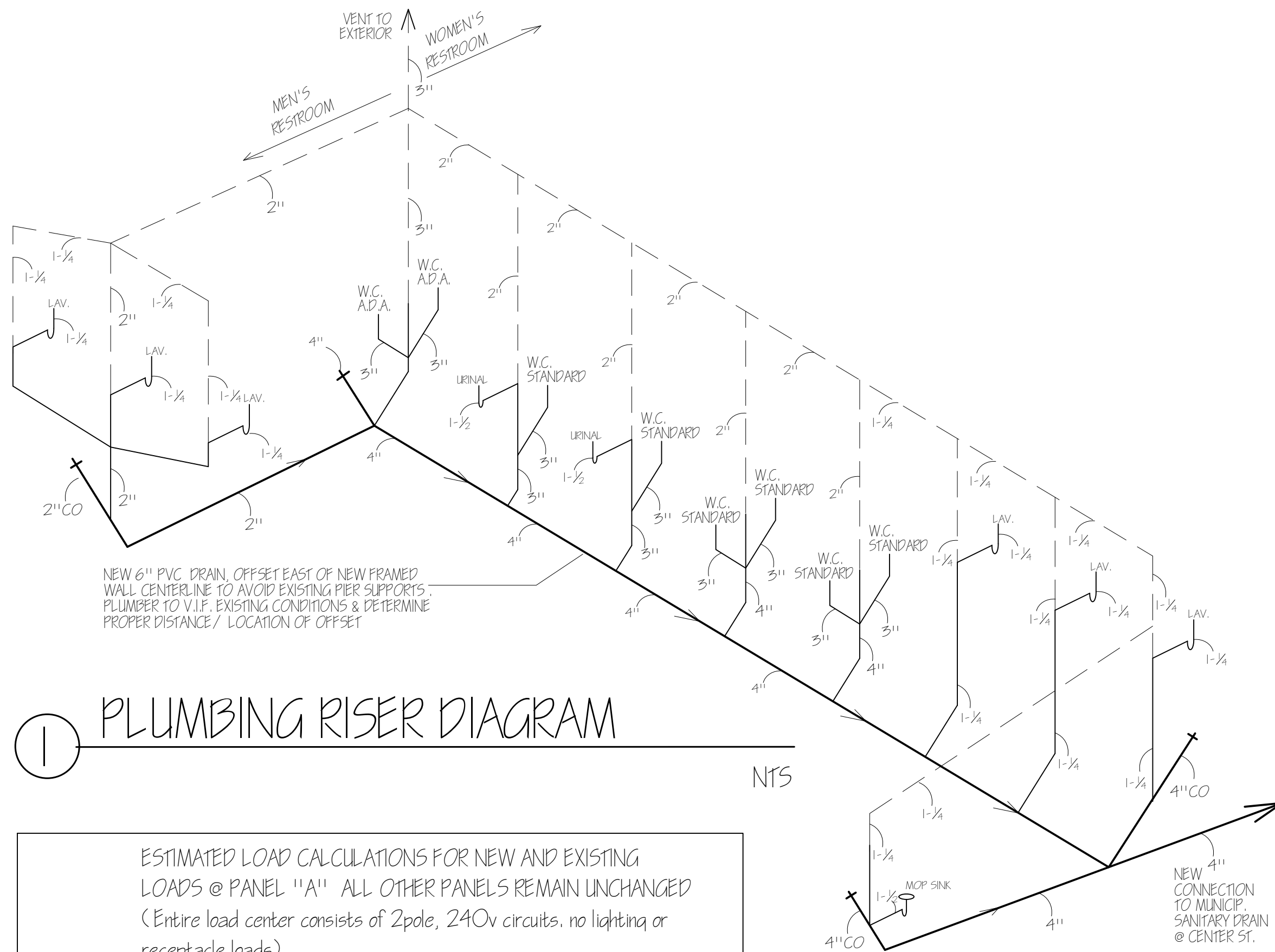
CITY OF SOCORRO  
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RESTROOM  
INTERIOR  
ELEVATIONS

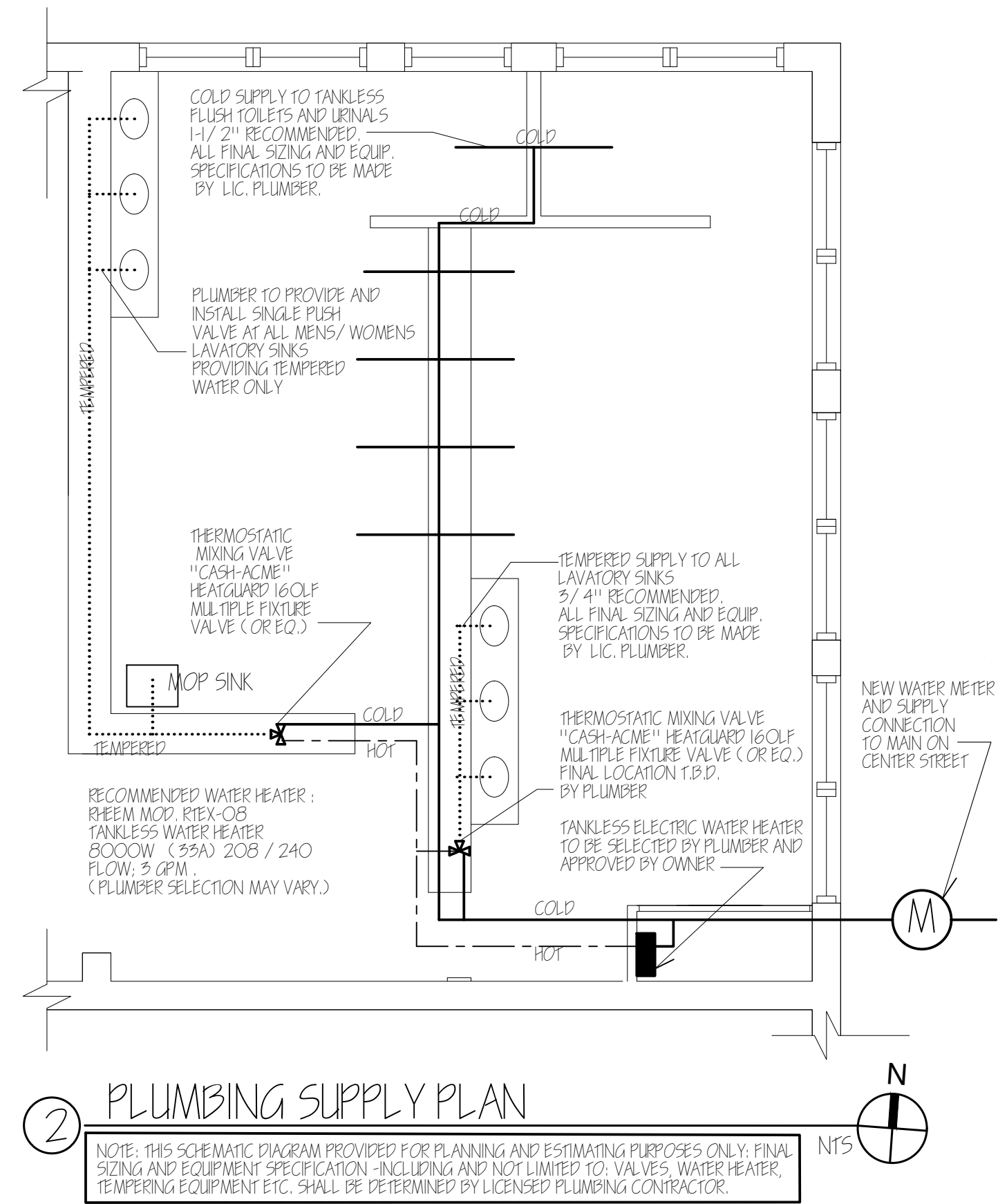
DATE: 06-10-2019  
REVISION DATE

SHEET:

**A-4**



1 PLUMBING RISER DIAGRAM



2 PLUMBING SUPPLY PLAN

ESTIMATED LOAD CALCULATIONS FOR NEW AND EXISTING LOADS @ PANEL "A" ALL OTHER PANELS REMAIN UNCHANGED (Entire load center consists of 2pole, 240v circuits, no lighting or receptacle loads).

HEATER/ PTAC	3400 VA
HEATER/ PTAC	3400 VA
FANS/ MISC	2500 VA
NEW RESTROOM WATER HTR.	7000VA
NEW EXTERIOR CONDENSER UNIT	1700VA
NEW INTERIOR DUCTLESS AIR HANDLERS	4250VA
EXISTING SWAMP COOLERS	2900 VA

DEMAND (NO DISCOUNTS) 25.1 KVA  
104.7 A

USE: 200 A

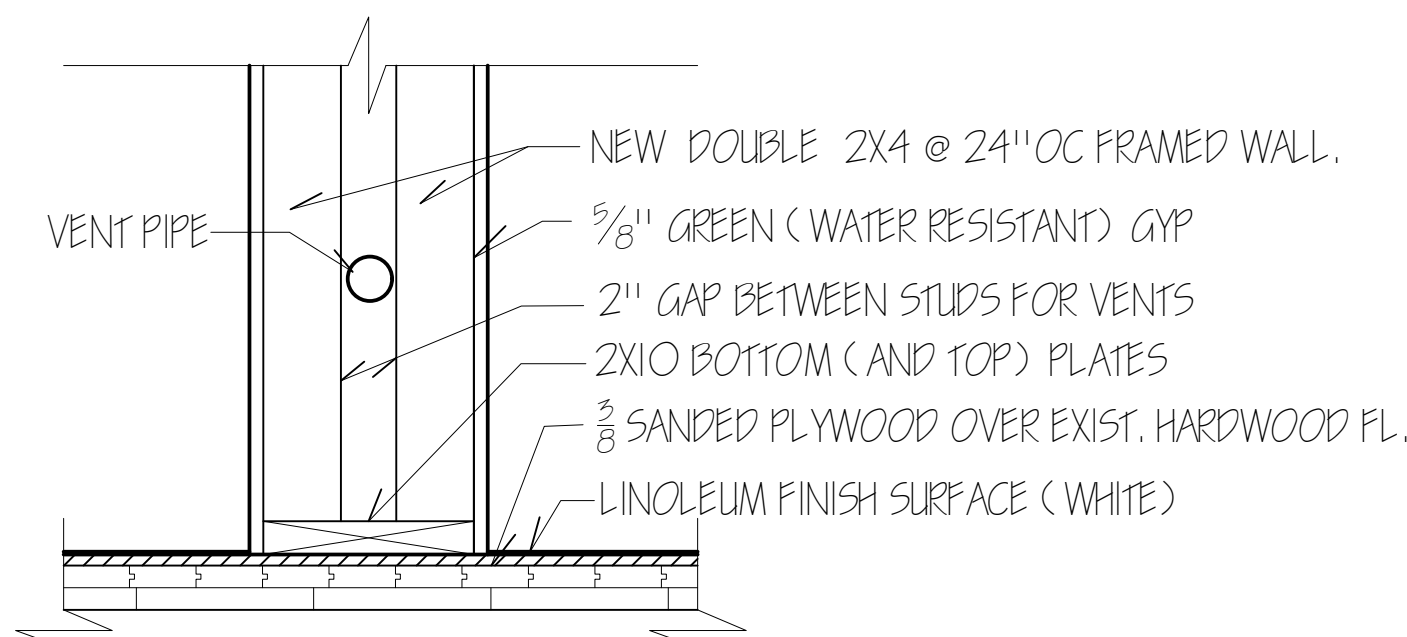
3 ELECTRICAL LOAD CALCS  
PANEL A NTS.

WIRING METHOD

ALL NEW CIRCUITS AND WIRING SHALL BE INSTALLED USING A COMBINATION OF SURFACE MOUNTED EMT AND/ OR CONCEALED NM CABLE WITHIN NEW FRAMED WALL.

ELECTRICAL NOTES

ALL ELECTRICAL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR. ALL WORK, METHODS AND WIRING SHALL CONFORM WITH REQUIREMENTS OF NEC, NMAC, SEC OR AHJ REGARDLESS OF WHETHER SUCH WORK IS SHOWN HERE.



4 CENTRAL PLUMBING WALL FRAMING DETAIL

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CITY OF SOCORRO

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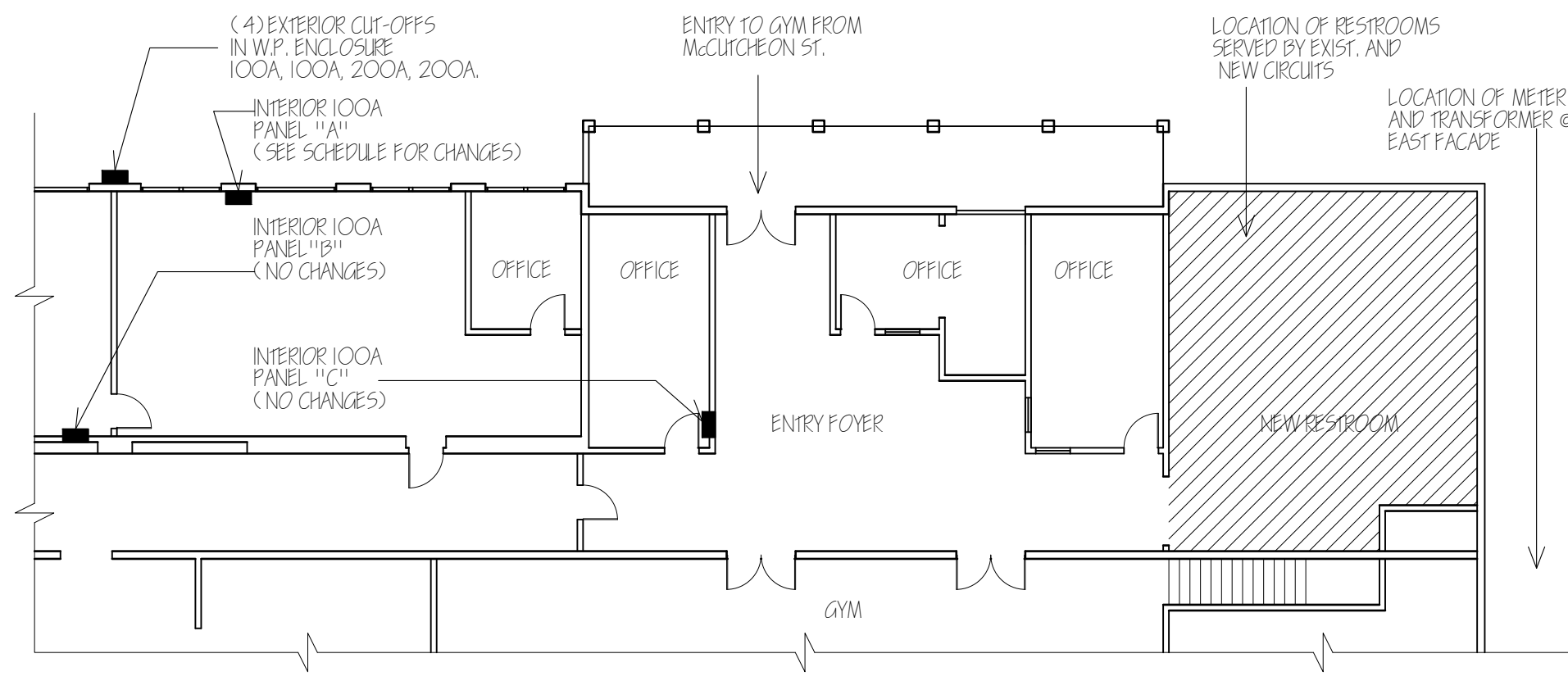
ELECTRIC LOAD CALCS, PLUMBING & DETAILS

DATE: 6-15-2019

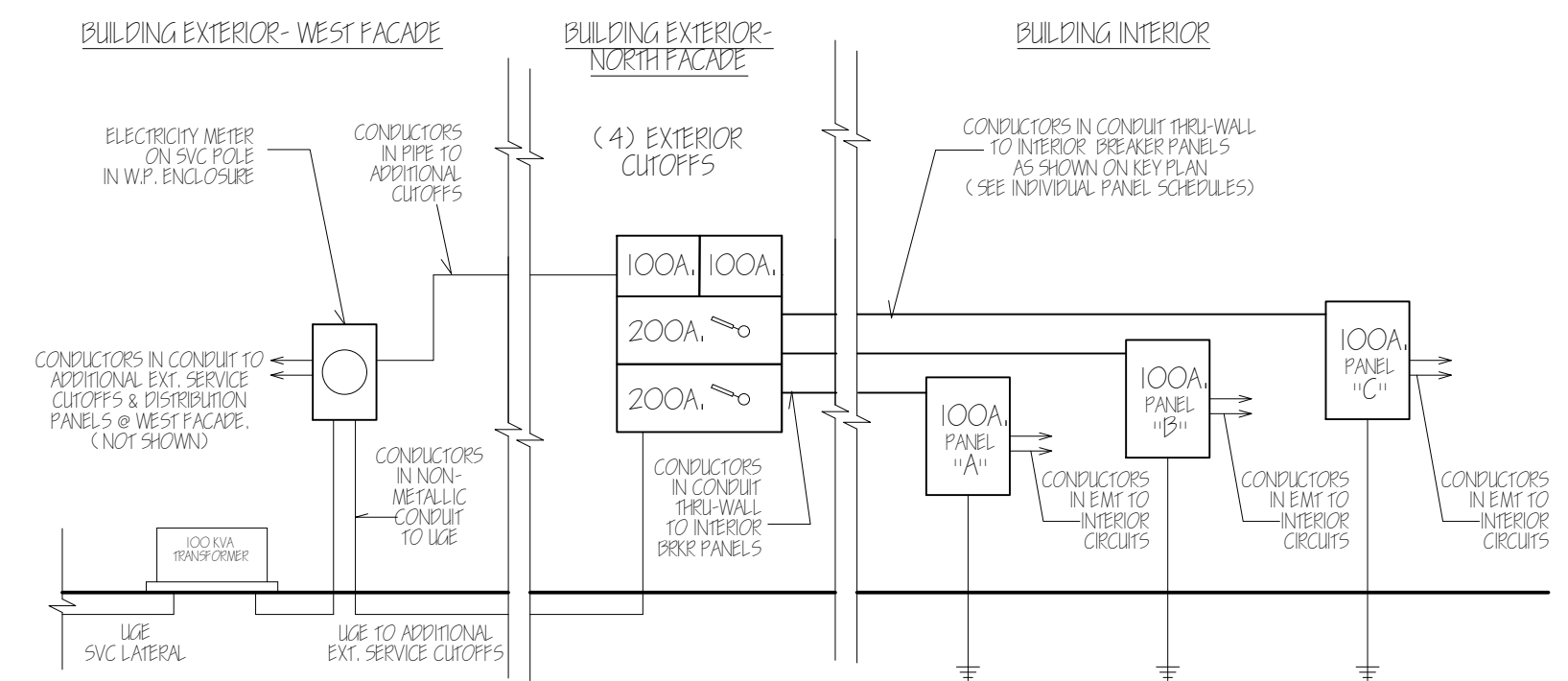
REVISION DATE  
8-6-2019

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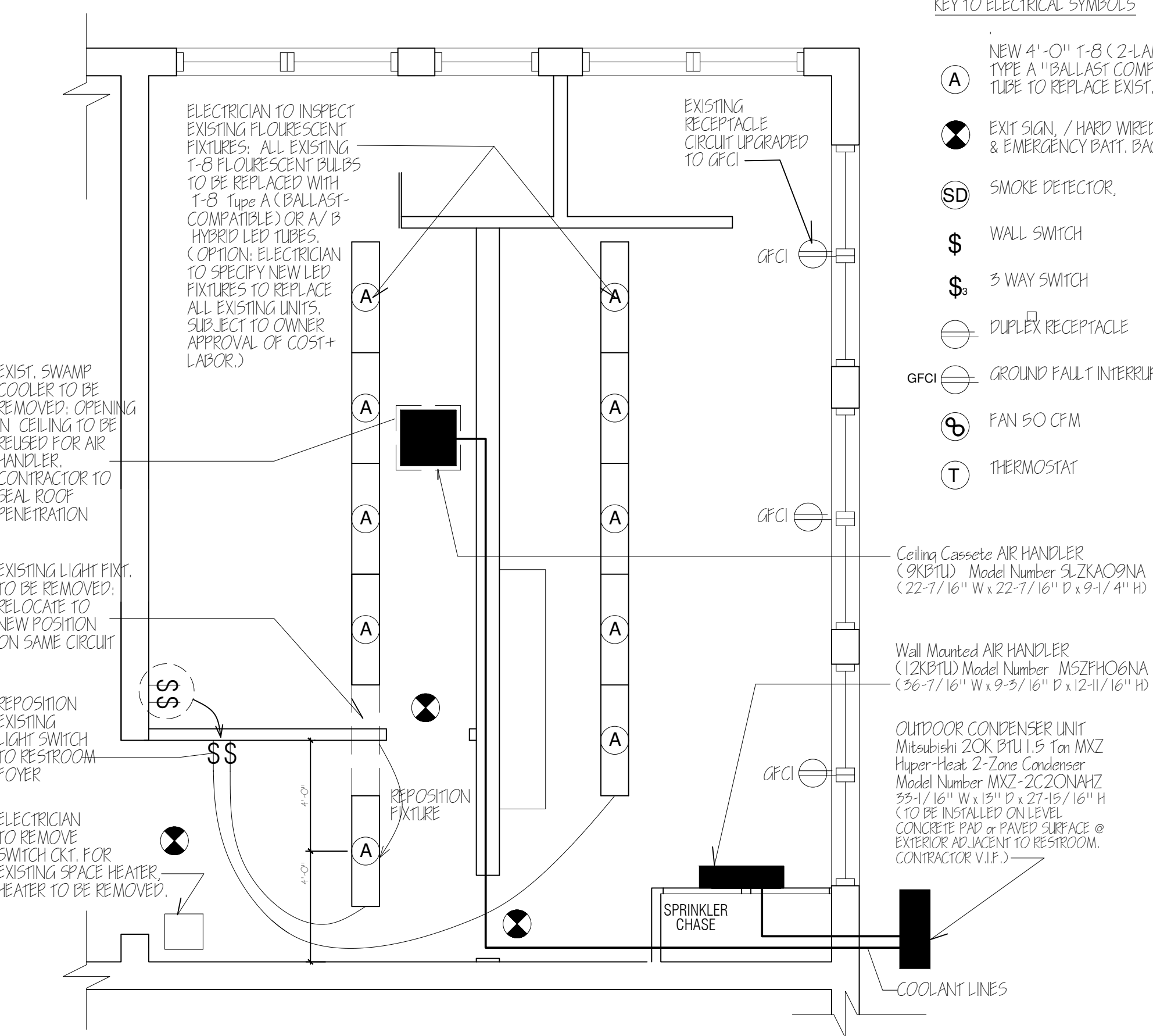
A-5



1 ELECTRICAL KEY PLAN  
SHOWING LOAD CENTERS/ ELECTRICAL PANELS ASSOCIATED WITH THIS PROJECT / OR IN IMMEDIATE VICINITY ONLY. NTS



2 ELECTRIC RISER DIAGRAM  
NOTE: DIAGRAM SHOWS ONLY EQUIPMENT PERTINENT TO CURRENT JOB. NTS



3 ELECTR. PLAN (EXISTING W/ CHANGES)  
3/8" = 1'-0" NTS

EXISTING 200A PANEL "A" SCHEDULE  
3W 1 PHASE, 120/ 240V 10,000AIC

CKT.	DESCRIPTION	AMP	POLE	POLE	AMP	DESCRIPTION	CKT.
1	UNCONNECTED	50	2	1	40	HVAC/ SWAMP COOLER	2
3							4
5	"HOTPOINT EAST" (PTAC)	50	2	1	50	HVAC/ SWAMP COOLER	2
7							4
9	UNCONNECTED	50	2	1	50	UNCONNECTED	2
11							4
13	UNCONNECTED	50	2	1	50	CONNECTED/ UNKNOWN	2
15							4
17	HVAC/ SWAMP COOLER	40	2				18
19				2	50	"HOTPOINT WEST" (PTAC)	20

CHANGES 200A PANEL "A" SCHEDULE  
3W 1 PHASE, 120/ 240V 10,000AIC

CKT.	DESCRIPTION	AMP	POLE	POLE	AMP	DESCRIPTION	CKT.
1	UNCONNECTED	50	2	1	40	HVAC/ SWAMP COOLER	2
3							4
5	CONNECTED/ UNKNOWN	50	2	1	50	HVAC/ SWAMP COOLER	2
7							4
9	(2) NEW INTERIOR AIR HANDLERS	50	2	1	50	NEW MITSUBISHI EXT. CONDENSER UNIT	2
11							4
13	NEW RHEEM RTEX-OB WATER HEATER	50	2	1	50	CONNECTED/ UNKNOWN	2
15							4
17	CONNECTED/ UNKNOWN	40	2				18
19				2	50	CONNECTED/ UNKNOWN	20

4 ELECTRICAL PANEL A SCHEDULE  
NTS.

NO CHANGES 100A PANEL "B" SCHEDULE  
3W 1 PHASE, 120/ 240V 10,000AIC

CKT.	DESCRIPTION	AMP	POLE	POLE	AMP	DESCRIPTION	CKT.
1	LIGHTING/ RECEPT	20	1	1	20	RESTROOM LIGHT/ RECEPT	2
3	CLASSRM LIGHT/ RECEPT	20	1	1	20	CLASSROOM LIGHT/ RECEPT	4
5	CLASSRM LIGHT/ RECEPT	20	1	1	20	CLASSROOM LIGHT/ RECEPT	6
7	CLASSRM LIGHT/ RECEPT	20	1	1	20	CLASSROOM LIGHT/ RECEPT	8
9	CLASSRM LIGHT/ RECEPT	20	1	1	20	CLASSROOM LIGHT/ RECEPT	10
11	CLASSRM LIGHT/ RECEPT	20	1	1	20	CLASSROOM LIGHT/ RECEPT	12
13	UNKNOWN	20					14
15			2	2	20	HVAC	16
17	HVAC	20					18
19			2	2	60	UNCONNECTED	20

5 ELECTRICAL PANEL B SCHEDULE  
NOTE: ELECTRICIAN TO CONFIRM THAT CKT. 2 (RESTROOM) IS DEDICATED TO LIGHTS & RECEPTACLES AT RESTROOM ONLY. ANY ADDITIONAL LOADS TO BE DISCONNECTED. NTS.

SEAL:

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FINLEY GYM ADA MEN'S AND WOMEN'S RESTROOMS  
CITY OF SOCORRO  
CONSTRUCTION TYPE V - 790 sq. ft. area of work  
OCCUPANT LOAD LESS THAN 50 = OCCUPANCY B

ELECTRICAL PLAN, RISER DIAG. PANEL SCHEDULES

DATE: 6-2-2019  
REVISION DATE: 8-6-2019

SHEET: A-6