



NOTICE TO ALL BIDDERS

**ADDENDUM NO. 2
TO
TUCSON AIRPORT AUTHORITY
TUCSON INTERNATIONAL AIRPORT
10219007 CBP RELOCATION**

January 23, 2019

In accordance with the Bid Documents, Bidders on the above-referenced project are hereby notified that the following Addendum, dated January 23, 2019 shall be made a part of the Bid Documents. The Bidder shall acknowledge receipt of this addendum on the Bid Form.

GENERAL

1. Attached are the compiled Pre-Bid questions received with responses.
2. Attached are revised Construction Documents as they pertain to the Pre-Bid questions and responses.

CLARIFICATIONS

QUESTIONS:

Question #1

Please provide an update, if any on the security camera allowance to be provided by Sentrillion, per pre-bid conference?

Response: We do not expect to receive response from CBP staff on the estimated Sentrillion cost allowance for CBP security camera scope of work. Contractors are not to include this cost in their bids. Cost associated with this work will be coordinated with the selected Contractor.

Question #2

Is there contact information (name & phone #) at Sentrillion for installation of the security cameras?

Response: We do not have contact information. This information will be provided to the selected Contractor. See response to Question #1.

Question #3

How will abatement be handled since there is a strong possibility of asbestos and/or lead present? Are there any existing environmental reports for basement and first floor? (How does abatement get handled? Would there be a time extension granted for the contract?)

Response: Asbestos testing will be performed by SHC under separate contract with the owner. This report will be provided to the selected contractor after the bud. If this impacts the critical path of the construction schedule a time extension will be granted to the selected contractor.

Question #4

Can we get a detail/description for the stainless steel benches called out in the Hold Room (Room 105) and the Search Room (Room 111)? Are there requirements for "correctional" style fabrication and mounting (for example, tamper proof hardware; covered mounting points; etc.?) Solid top construction or bar for seat? Wall mount or free-standing?

Response: The intent is to relocate the existing solid stainless steel benches from the existing CBP spaces near Terminal C. The benches must follow detention grade installation requirements. The keynote will be updated to reflect this.

Question #5

Bullet resistant windows – Floor plan keynote refers to sliding transaction windows, details on A9.1 show fixed "pass-thru" type BR transaction windows?

A. Please confirm Level 3 BR fixed windows with deal tray.

B. Please provide required size for windows.

Response: A. Level 3 BR fixed windows with deal tray is correct, keynote will be updated.

B. Required size will be added to keynote.

Question #6

Glass type GL-06 – Is a reflective window film acceptable for laminated glass type GL-06, or would tempered mirrorpane "one-way" (no laminated) be acceptable?

Response: The laminated glass with mirror film is a direct requirement from CBP security standards. We cannot approve a substitution to this requirement without input from CBP staff. CBP staff for this project are currently on furlough with no anticipated date for return. Contractor to price laminated glass (GL-06) with reflective window film as specified.

Question #7

Provide Model (Spec for automatic gate arm)?

Response: Specification section will be added.

Question #8

Provide Model (Spec for 'surface mount' tire spikes)?

Response: Specification section will be added.

Question #9

Provide Model (Spec for lockers – Nothing in spec book)?

Response: Specification section will be added.

Question #10

Provide Spec for carpet tile – Nothing in spec book?

Response: Specification section will be added.

Question #11

Wall protection is not called out on the plans but is included in the specs. Please provide further information is wall protection is to be included in the scope of work.

Response: Wall protection is not included and the spec section will be deleted.

Question #12

On sheet AS1.1, items are labeled as 'new' and 'existing', and other items are not labeled as such. Please clarify which items are to be included in the scope of work. (i.e. 12' gate arm, tiger teeth, 6' high fence separating parking areas)

Response: We will clarify the notes for all new and existing items.

Question #13

On sheet A1.1, items are identified by keynotes, but no indication if they are to be included in the scope of work. Are items #26 Lockers, #27 storage racks and #36 mirrors by GC or OFOI?

Response: The mirrors are to be CFCI. The lockers and storage racks will be OFOI. Keynotes will be updated.

Question #14

On sheet A1.4, are all items shown by Owner? Is the GC responsible for any scope of work shown on this sheet.

Response: All furniture to be OFOI. The only GC scope is the stainless benches and tables in the hold room and search room. Please refer to question 4 for additional information. Note will be revised on sheet to reflect relocating the benches and table.

Question #15

On sheet A2.1 wall tile is indicated as CT-2. Specification 09 3013 indicates CT-1. Please clarify.

Response: CT-1 is correct, A2.1 will be updated.

Question #16

Mechanical drawings indicate '7-day programmable thermostat' for HVAC equipment. Is there a requirement to integrate this equipment to the existing Airport Delta Controls EMCS?

Response: There is no requirement to integrate the equipment for this project to the existing Airport Delta Controls EMCS.

Question #17

Sheet T2.0 Diagram 1, room 104 calls out the need to 2 Heliac cables to the tower level. What diameter is required for the Heliac cable?

Response: Heliac cable shall be equal to Commscope AVA5RK-50FX Fire Retardant Cable 7/8" diameter.

Question #18

Specification 27 1300, paragraph 2.6C. "Provide one 6ft and one 10ft cable for each port". Is a port each strand of fiber or is it a duplex pair of fibers? Are one 6ft and one 10ft cable required for each end and each port of the 12 SM/12 MM cable?

Response: Provide one 6ft and one 10ft for each SM port and one 6ft and one 10ft for each MM port.

Question #19

Specification 27 1500 paragraph 2.3 A & G.

Subparagraph A: Panduit offers a MFG 17 year warranty program titled "Certification Plus Warranty" this warranty can be requested to cover either a permanent link of channel installation. Subparagraph G: requirement is to provide one 6ft and one 10ft patch cord per cable making the requirement possible for either warranty.

Is the requirement of the Panduit Approved integrator to apply for Permanent Link or Channel 15 year Certification Plus Warranty?

Response: Provide Channel 15 year or 17 year warranty.

SPECIFICATIONS

ITEM NO. 1 SPEC SECTION

- A. SPEC SECTION 02 8290 – Electric Gate Operators
- Add this Section

ITEM NO. 2 SPEC SECTION

- A. SPEC SECTION 10 2600 – Wall and Door Protection.
- Delete this Section

ITEM NO. 3 SPEC SECTION

- A. SPEC SECTION 27 5116 – Public Address and Mass Notification System.
- Delete this Section

ITEM NO. 4 SPEC SECTION

- A. SPEC SECTION 34 – Traffic Spikes
- Add this Section

DRAWINGS

ITEM NO. 1 DRAWING AS1.1– ARCHITECTURAL SITE PLAN

- A. Modify drawing per attachment AS1.1 of Bid Addendum #02 dated January 23rd, 2019
- Clarifications added to notes delineating new from existing site improvements.
 - Reduction of traffic spike quantity and new layout of ADA parking and striping in CBP staff parking.

ITEM NO. 2 DRAWING A1.1– FLOOR PLANS

- A. Modify drawing per attachment A1.1 of Bid Addendum #02 dated January 23rd, 2019
- Keynotes 24 and 25 modified to reflect relocation of the stainless steel tables and benches.
 - Keynotes 26, 27 and 36 have been updated to clarify owner furnished and contractor furnished items.

ITEM NO. 3 DRAWING A1.4– FLOOR PLAN - FURNITURE

- A. Modify drawing per attachment A1.4 of Bid Addendum #02 dated January 23rd, 2019
- Note modified for stainless steel benches and tables to reflect relocation of existing.

ITEM NO. 4 DRAWING A2.1– LARGE SCALE PLANS

- A. Modify drawing per attachment A2.1 of Bid Addendum #02 dated January 23rd, 2019
- Keynotes 24 and 25 modified to reflect relocation of the stainless steel tables and benches.
 - Keynotes 26, 27 and 36 have been updated to clarify owner furnished and contractor furnished items.
 - References to CT-2 on the interior elevations have been updated to CT-1 to match specifications.

ITEM NO. 5 DRAWING E4.0 – FIRE ALARM RISER DIAGRAM

- A. Modify drawing per note below on E4.0 of Bid Addendum #02 dated January 23rd, 2019
- Detail No. 2 – New fire alarm system and existing fire alarm system shall be interconnected to provide bi-directional communications for alarm, trouble, and supervisory signals. Provide all required equipment, wiring, and programming/configuration to implement this requirement.

END OF Bid **ADD-02**

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Not Used

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Not Used

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Not Used

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Not Included in this submittal

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Not Used

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Section 34 7100	Traffic Spikes
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SECTION 02 8290

ELECTRIC GATE OPERATORS

PART 1 - GENERAL

1.1 SUMMARY

A. Electric Gate Operators:

1. Heavy-duty industrial barrier gate operators (LiftMaster Model BG770).

1.2 RELATED SECTIONS

- A. Section 03 3000 – Cast-in-Place Concrete: Concrete mounting pads.
- B. Section 26 0500 – Common Work Results for Electrical.

1.3 REFERENCES

- A. National Electrical Manufacturers Association (NEMA): NEMA ICS 6 - Industrial Control and Systems: Enclosures.
- B. Underwriters Laboratories (UL): UL 325 - Standard for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems.
- C. Underwriters Laboratories (UL): UL 991 - Standard for Tests for Safety-Related Controls Employing Solid-State Devices.
- D. International Organization for Standardization: ISO 9001 - Quality Management Systems.

1.4 SUBMITTALS

- A. Product Data: Equipment list, system description, electrical wiring diagrams for installation, and manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.

- B. Shop Drawings: Submit shop drawings showing layout, profiles, and product components, including anchorage, edge conditions, and accessories.
 - 1. Operation, installation, and maintenance manuals including wiring diagrams.
 - 2. Risers, layouts, and special wiring diagrams showing any changes to standard drawings.

1.5 DELIVERY, STORAGE AND HANDLING

- A. Deliver, store and handle materials and products in strict compliance with manufacturer's instructions and industry standards.

- B. Store products indoors in manufacturer's original containers and packaging, with labels clearly identifying product name and manufacturer. Protect from damage.

1.6 QUALITY ASSURANCE

- A. Manufacturer Qualifications: ISO 9001 Certified Manufacturer.

- B. Installer Qualifications: Installation performed by factory authorized contractor specifically trained in gate operation systems of the type found within this section.
 - 1. Provide documentation of maintenance and repair service availability for emergency conditions.

 - 2. Provide quarterly maintenance for one year following Substantial Completion of the Project.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: LiftMaster; 845 Larch Avenue; Elmhurst, IL 60126-1196. ASD. Toll-Free: 800.282.6225. Email: specs@LiftMaster.com. Web: LiftMaster.com.
- B. Requests for substitutions will be considered in accordance with provisions of Section 01600.

2.2 GATE OPERATORS

- 1. Compliance: ETL Listed. Compliant to the UL 325, UL 991 and CSA C22.2 No. 247 standards.
 - a. This model is intended for use in Class I, II, III and IV vehicular barrier gate applications.
- 2. Warranty: 2 years.
- 3. Operator Speed: 90-degrees in 4 seconds.
- 4. Gate Arms: Standard, 12 foot (3658 mm) wood arms.
- 5. Electrical Power Requirements: 115/208/230V AC, single phase, 60 Hz.
 - a. Accessory Electrical Power Requirements: One, 115V AC.
 - b. Accessory Electrical Power Requirements: One, 24V AC.
- 6. Electrical Power Requirements: 208/230/460/575V AC, 3-phase, 60 Hz.
 - a. Accessory Electrical Power Requirements: One, 24V AC.
- 7. Gear Reduction: 60:1 wormgear reduction in oil bath.
- 8. Motor: 1/2 HP, continuous duty.
- 9. Metal Frame: 11-gauge pre-galvanized steel.
- 10. Enclosure: Powder-coated weather-resistant steel enclosure.
- 11. Configuration: Standard.
- 12. Control Inputs: Control inputs allow the connection of optional external devices like loop detectors, photo eyes, telephone entry systems, access control systems and radio receivers.
- 13. Limit Settings: Driven limit cams are fully adjustable.

14. Accessories: Provide the optional accessories listed below.
 - a. SAMS Limit Switch Modification: Compatible with sequenced access management systems, as a single or pair; compatible with systems with a GL control board.
 - b. Timer-to-Close: Programmable module can be set from 1 to 1,024 seconds. The unit will automatically close when programmed time has expired.

PART 3 - EXECUTION

3.1 EXAMINATION AND PREPARATION

- A. Inspect and prepare substrates using the methods recommended by the manufacturer for achieving best result for the substrates under project conditions.
- B. Do not proceed with installation until substrates have been prepared using the methods recommended by the manufacturer and deviations from manufacturer's recommended tolerances are corrected. Commencement of installation constitutes acceptance of conditions.
- C. If preparation is the responsibility of another installer, notify Architect in writing of deviations from manufacturer's recommended installation tolerances and conditions.

3.2 INSTALLATION

- A. Install in accordance with manufacturer's instructions. Test for proper operation and adjust until satisfactory results are obtained.

3.3 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION

SECTION 34 7100

TRAFFIC SPIKES

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Traffic spikes of the following types:
 - 1. Low profile traffic spikes. (LiftMaster Model 12320)

1.2 RELATED SECTIONS

- A. Section 02 8290 – Electric Gate Operators.
- B. Section 03 30 00 - Cast-in-Place Concrete.

1.3 REFERENCES

- A. Underwriters Laboratories (UL): UL 325 - Standard for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems.
- B. Underwriters Laboratories (UL): UL 991 - Standard for Tests for Safety-Related Controls Employing Solid-State Devices.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01 30 00 - Administrative Requirements.
- B. Product Data: Equipment list, system description, electrical wiring diagrams for installation, and manufacturer's data sheets on each product to be used, including:
 - 1.1 Preparation instructions and recommendations.
 - 1.2 Storage and handling requirements and recommendations.
 - 1.3 Installation methods.
- C. Shop Drawings: Submit shop drawings showing layout, profiles, and product components, including anchorage, edge conditions, and accessories.
 - 1.4 Operation, installation, and maintenance manuals including wiring diagrams.
 - 1.5 Risers, layouts, and special wiring diagrams showing any changes to standard drawings.

1.5 QUALITY ASSURANCE

- A. Manufacturer Qualifications: ISO 9001 Certified Manufacturer.
- B. Installer Qualifications: Installation performed by factory authorized contractor specifically trained in gate operation systems of the type found within this section.
 - 1. Provide documentation of maintenance and repair service availability for emergency conditions.
 - 2. Provide quarterly maintenance for one year following Substantial Completion of the Project.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store, and handle materials and products in strict compliance with manufacturer's instructions and industry standards.
- B. Store products indoors in manufacturer's original containers and packaging, with labels clearly identifying product name and manufacturer. Protect from damage.

1.7 WARRANTY

- A. Provide manufacturer's standard limited warranty:
 - 1. Warranty Period: 1 year.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: LiftMaster, which is located at: 300 Windsor Dr.; Oak Brook, IL 60523; Toll Free Tel: 800-282-6225; Fax: 630-516-8412; Email: [request info \(specs@liftmaster.com\)](mailto:requestinfo@liftmaster.com); Web: LiftMaster.com
- B. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

2.2 TRAFFIC SPIKES

- A. Low Profile Traffic Spikes:
 - 1. Features:
 - a. Heavy-duty steel construction.
 - b. Counter balanced and spring loaded system.
 - c. Reliable zinc plated moving parts.
 - d. Positive stop eliminates wear.
 - e. Specially engineered curved teeth with fish-hook disabler.
 - f. Stainless steel hardware.
 - g. Built-in latch down device.
 - h. Designed top-down for easy maintenance.
 - i. Modular style for design flexibility.
 - j. Restricts tire damage to wrong way traffic.
 - k. One year limited warranty.
 - 2. Basis of Design: LiftMaster Model 12320 as manufactured by LiftMaster.
 - a. Product: LiftMaster Model 12320C - Low Profile 3 ft (914 mm) Traffic Spike Section; Galvanized.
 - 1. Rated Load: 18,000 lbs (8164.7 kg) per single axle load.
 - 2. Top Plate: 3/8 inch (9.5 mm) steel plate.
 - 3. Finish: Red. Hot Dipped Galvanized - ASTM A153/A 153M.
 - 4. Warning Signs: Reflective.
 - b. Product: 12320E - Low Profile End Bevel- Set of 2; Galvanized.
 - 1. Rated Load: 18,000 lbs (8164.7 kg) per single axle load.
 - 2. Top Plate: 3/8 inch (9.5 mm) steel plate.
 - 3. Finish: Red. Hot Dipped Galvanized - ASTM A153/A 153M.
 - 4. Warning Signs: Reflective.

PART 3 - EXECUTION

3.1 EXAMINATION AND PREPARATION

- A. Inspect and prepare substrates using the methods recommended by the manufacturer for achieving best result for the substrates under project conditions.
- B. Do not proceed with installation until substrates have been prepared using the methods recommended by the manufacturer and deviations from manufacturer's recommended tolerances are corrected. Commencement of installation constitutes acceptance of conditions.
- C. If preparation is the responsibility of another installer, notify Architect in writing of deviations from manufacturer's recommended installation tolerances and conditions.

3.2 INSTALLATION

- A. Install in accordance with manufacturer's instructions, approved submittals and in proper relationship with adjacent construction. Test for proper operation and adjust until satisfactory results are obtained.

3.3 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

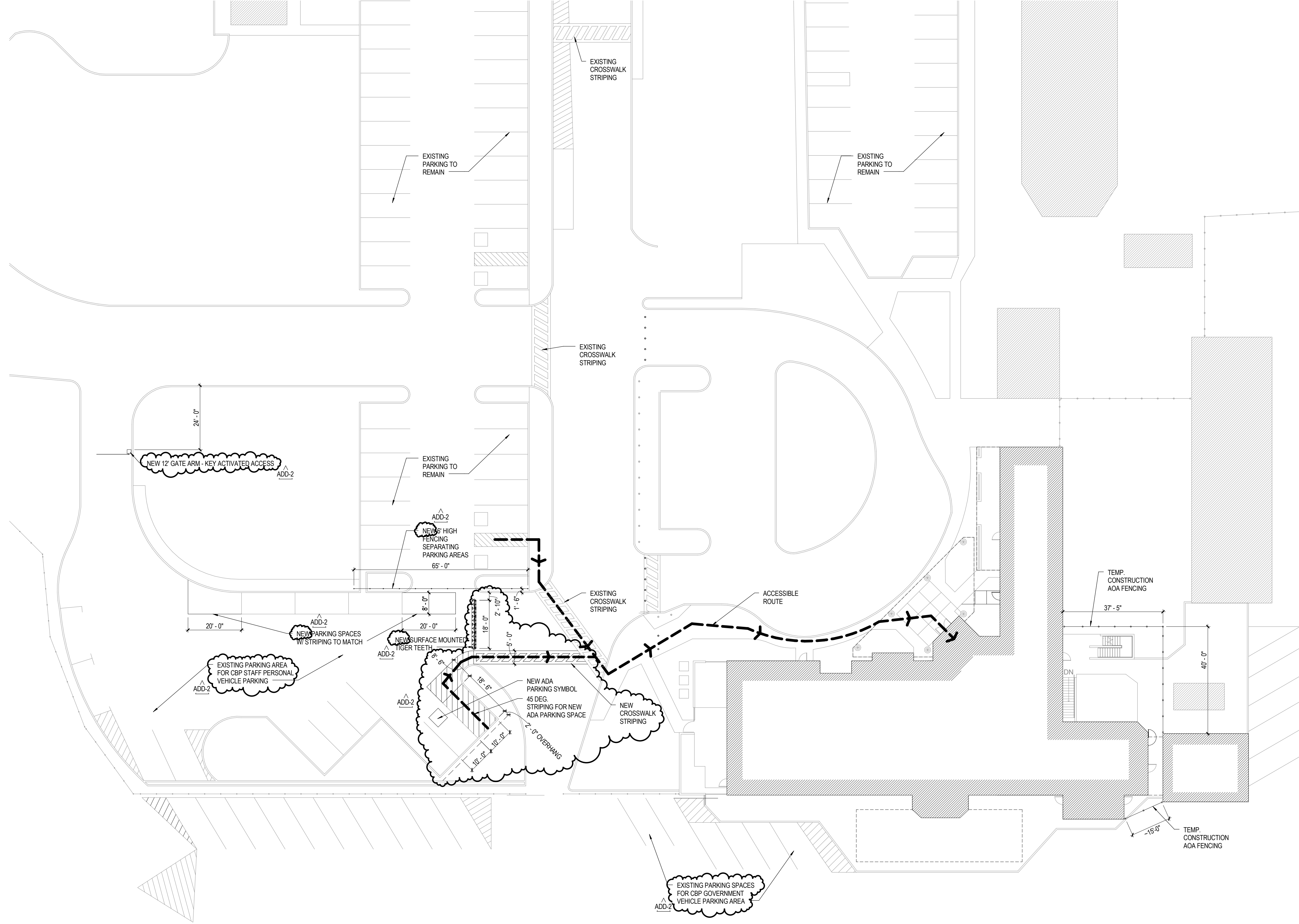
END OF SECTION

TUCSON AIRPORT AUTHORITY
TIA EXECUTIVE TERMINAL CBP RELOCATION
TUCSON, ARIZONA

30-18307-00
2018-12-21
100% CONSTRUCTION DOCUMENTS

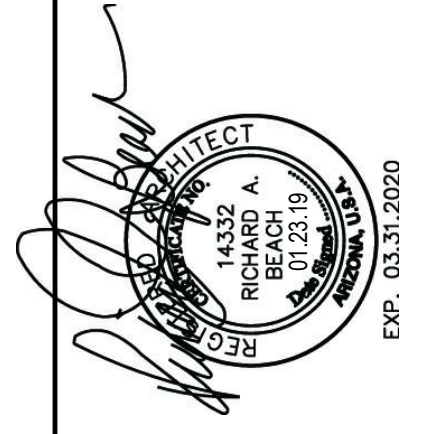
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ARCHITECTURAL SITE PLAN
SCALE: 1" = 20'-0"



LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL SHEETS
SOME NOTES MAY NOT APPLY TO THIS SHEET



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FLOOR PLAN, FIRST LEVEL

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

FLOOR PLAN, BASEMENT LEVEL

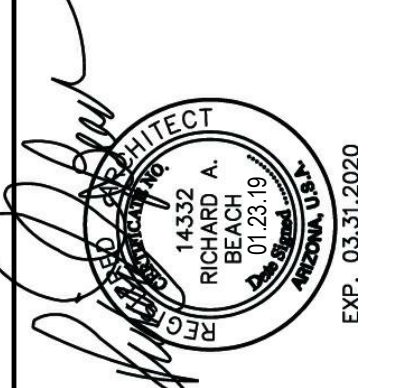
SCALE: 1/8" = 1'-0"

LEGEND NOTES

- GENERAL NOTES**
1. ALL FURNITURE, SYSTEMS FURNITURE, WIRE RACKS, IT EQUIPMENT RACKS, COMPUTERS, PHONES, REFRIGERATORS, WORKOUT EQUIPMENT, TELEVISIONS, ETC. ARE TO BE OWNER FURNISHED. OWNER INSTALLED.

- WALL LEGEND**
- NEW WALL CONSTRUCTION
 - EXISTING WALL TO REMAIN

- KEYNOTES**
1. EXISTING DOOR SEALED IN PLACE
 2. EXISTING DOOR WITH NEW HARDWARE
 3. EXISTING COLUMN TO REMAIN
 4. WALL MOUNTED SINK
 5. TOILET
 6. SHOWER UNIT WITH SEAT
 7. EXISTING DRINKING FOUNTAIN TO REMAIN
 8. FLOOR MOUNT TOILET PARTITIONS
 9. REFRIGERATOR
 10. MILLWORK
 11. 36" X 36" LEVEL 3 BULLET RESISTANT TRANSACTION WINDOW W/ STAINLESS STEEL TRANSACTION TRAY, WINDOW SILL TRAY ELEVATION 34" A.F.F.
 12. WORKSTATION (CPU, PRINTER AND PHONE)
 13. FURNITURE, OPI
 14. IT RACK
 15. FULL FUNCTION COPIER, PRINTER, SCANNER AND FAX MACHINE, OPI
 16. WALL MOUNTED TELEVISION ON SATELLITE SYSTEM
 17. FUME HOOD, CFCI
 18. WALL MOUNTED DRINKING FOUNTAIN
 19. PROCESSING BOOTH
 20. VENDING MACHINE
 21. EYE WASH/SHOWER
 22. EXISTING ELEVATOR TO REMAIN
 23. EXISTING STAIRS TO REMAIN
 24. RELOCATED STAINLESS STEEL BENCH FROM EXISTING HOLDSEARCH ROOM. PROVIDE ALL NECESSARY HARDWARE AND BACKING IN WALL TO MEET DETENTION GRADE INSTALLATION.
 25. RELOCATED STAINLESS STEEL TABLE FROM EXISTING SEARCH ROOM. PROVIDE ALL NECESSARY HARDWARE AND BACKING IN WALL TO MEET DETENTION GRADE INSTALLATION.
 26. LOCKERS (CFCI) ADD-2
 27. STORAGE RACKS (CFCI) ADD-2
 28. NO WORK IN THIS ROOM/AREA UNLESS NOTED OTHERWISE.
 29. STAINLESS STEEL COUNTER MOUNTED SINK
 30. URINAL
 31. INFILL FLOOR OPENING TO MATCH ADJACENT SLAB THICKNESS
 32. STAINLESS STEEL SINK WITH DISPOSAL - PROVIDE STAINLESS STEEL SHELF ABOVE
 33. STAINLESS STEEL COUNTERTOP
 34. FORMS HOLDER/COUNTER
 35. RAIN LEADER FROM EXISTING DRAIN BOX TO REMAIN ABOVE DOOR
 36. FULL HEIGHT MIRRORS ALONG THIS WALL (CFCI) ADD-2
 37. WALL HOOKS, PROVIDE BACKING IN WALL
 38. 42" HIGH STEEL BOLLARD AT EXISTING SLEEVE IN PLACE. WELD BOLLARD TO EXISTING SLEEVE.
 39. 42" HIGH STEEL BOLLARD, CAST-IN-PLACE 36" MIN. EMBED.
 40. 4" THICK 3,000 PSI CONCRETE SIDEWALK ON 4" ABC. MATCH EXISTING SIDEWALK GRADES.
 41. INTERIOR STOREFRONT SEPARATION WALL PROVIDE DECORATIVE FILM ON 1/4" LAMINATED GLAZING
 42. FINAL WALL LOCATION MAY CHANGE DEPENDING ON EXISTING PLUMBING LOCATION WITHIN WALLS
 43. PROVIDE 24" X 24" DETENTION GRADE LOCKABLE ACCESS PANEL IN WALL TO PROVIDE ACCESS TO EXISTING TOWER GROUNDING CABLES IN WALL TO REMAIN. FINAL LOCATION TO BE COORDINATED IN FIELD.
 44. PROVIDE 24" X 24" ACCESS PANEL IN WALL TO PROVIDE ACCESS TO EXISTING TOWER GROUNDING CABLES IN WALL TO REMAIN. FINAL LOCATION TO BE COORDINATED IN FIELD.
 45. EXISTING ELECTRICAL PANEL TO REMAIN.
 46. NEW ELECTRICAL PANEL
 47. RELOCATED MONITOR AND DECODER FOR TAA SHARED VIEWS
 48. NEW 27" MONITOR AND DECODER FOR TAA SHARED VIEWS
 49. RELOCATED MONITOR AND CPU FOR TAA SHARED VIEWS
 50. MONITOR AND CPU FOR INTERNAL CBP VIEWS
 51. RELOCATED RADIO REPEATER DESKTOP UNIT
 52. MOVEABLE BENCH, OPI
 53. NETWORK PRINTER, OPI



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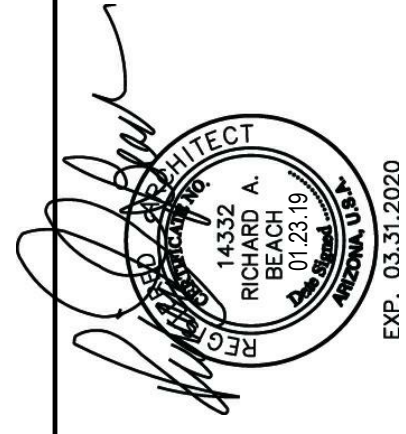
FLOOR PLANS
TAA Executive Terminal
CBP Relocation TAA project #10219007

A1.1
30-18307-00
12/21/2018
Revision
ADD 19/20/18 Relocation 02

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LEGEND NOTES

LEGEND NOTES ARE COMMON TO ALL SHEETS. SOME NOTES MAY NOT APPLY TO THIS SHEET.

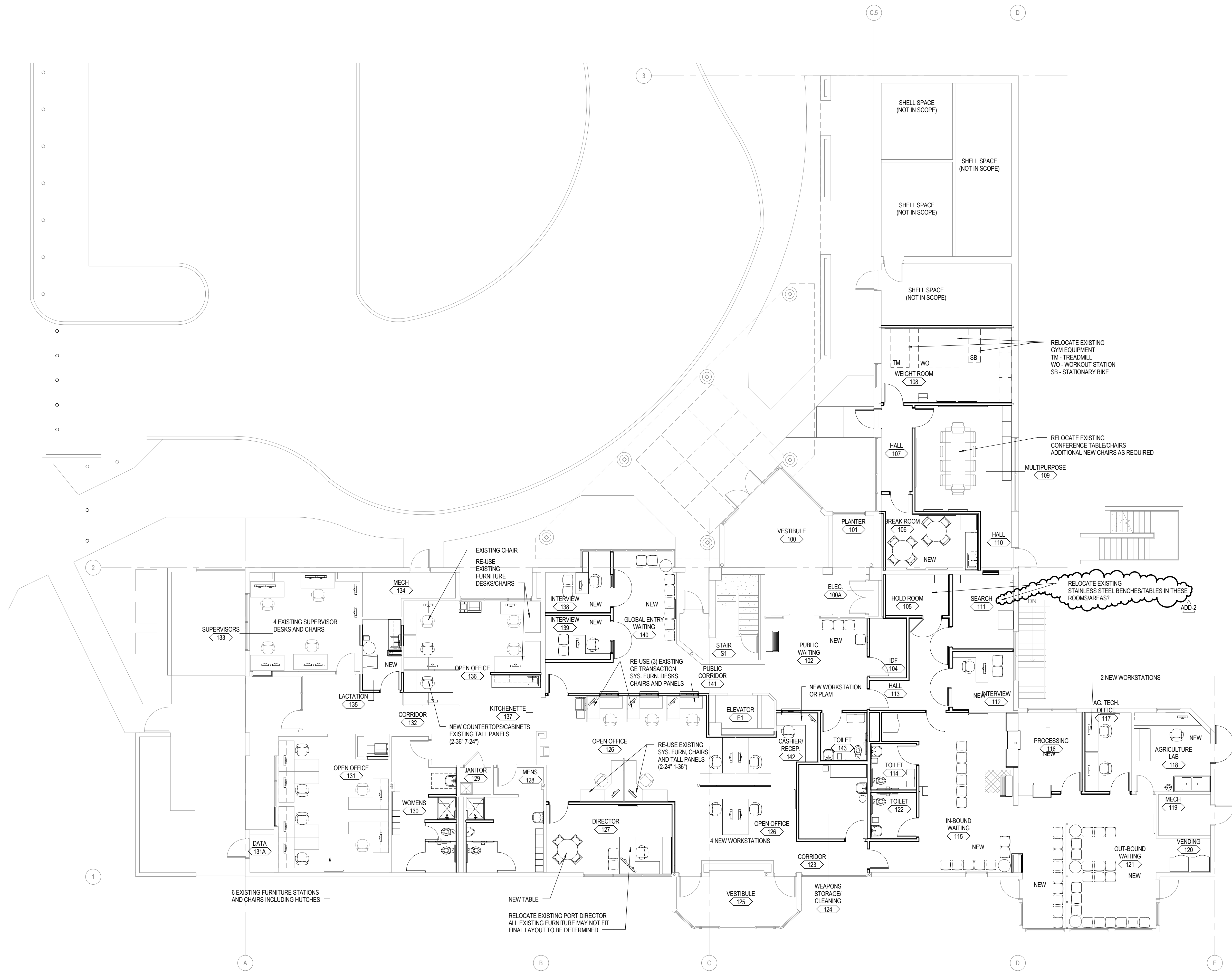


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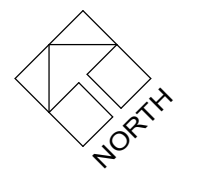
FLOOR PLAN - FURNITURE
TAA Executive Terminal
CBP Relocation TAA project #10219007

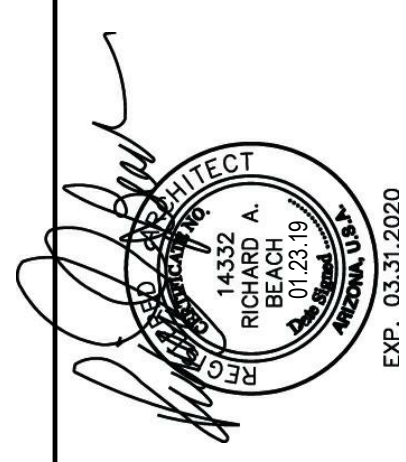
A1.4
30-1807-00
12/21/2018
Revision
ADD 10/25/18 Relocation 02

C:\Rev\30-1807-00_AR_Central_2016_TAA_CBP_memo\dwg\10202018 54824.dwg



FLOOR PLAN, FIRST LEVEL - FURNITURE
SCALE: 1/8" = 1'-0"





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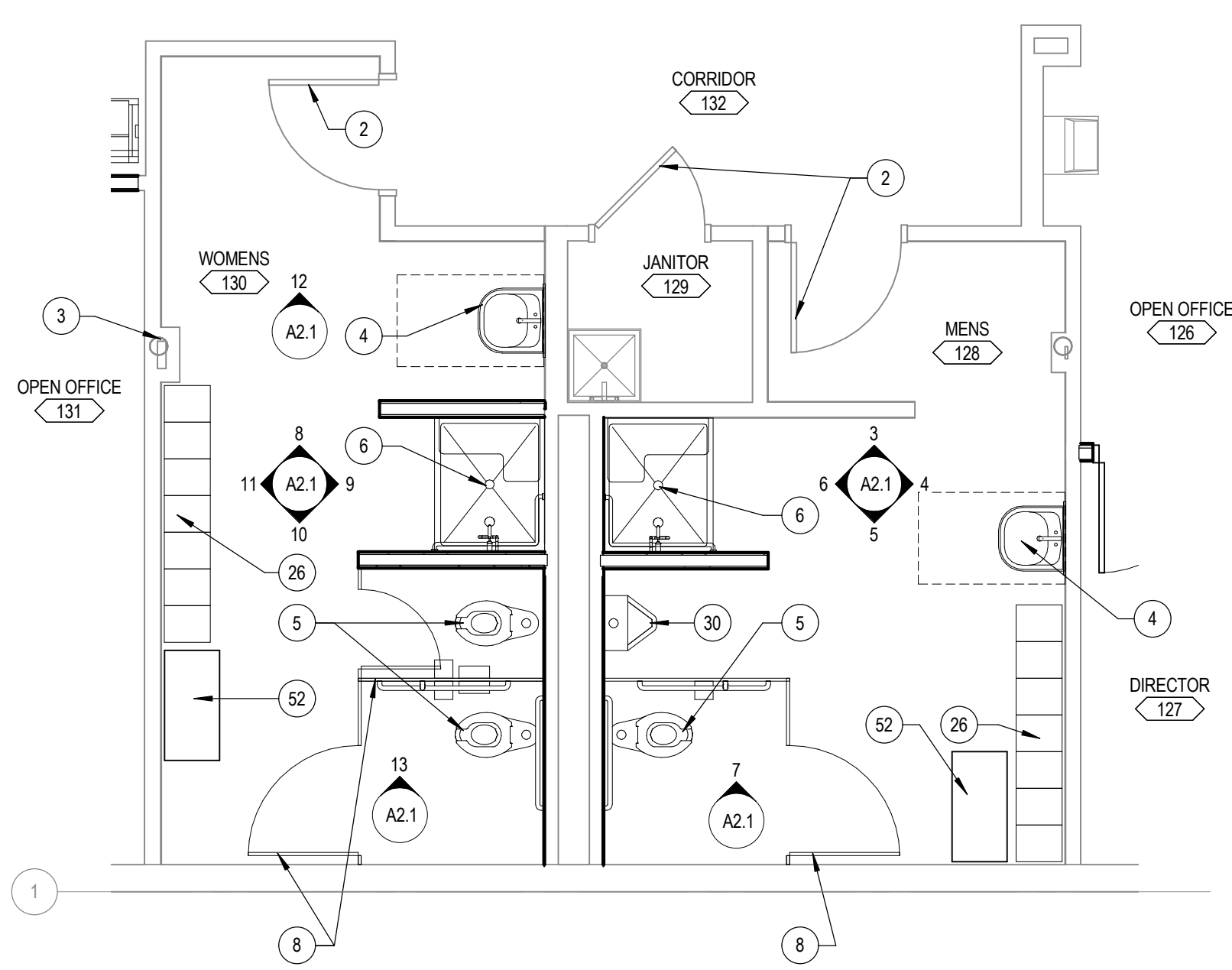
LARGE SCALE PLANS
TAA Executive Terminal
CBP Relocation TAA project #10219007

A2.1
30-18307-00
12/21/2018
Revision
ADD 1 10/20/19 Bldg/Interior 02

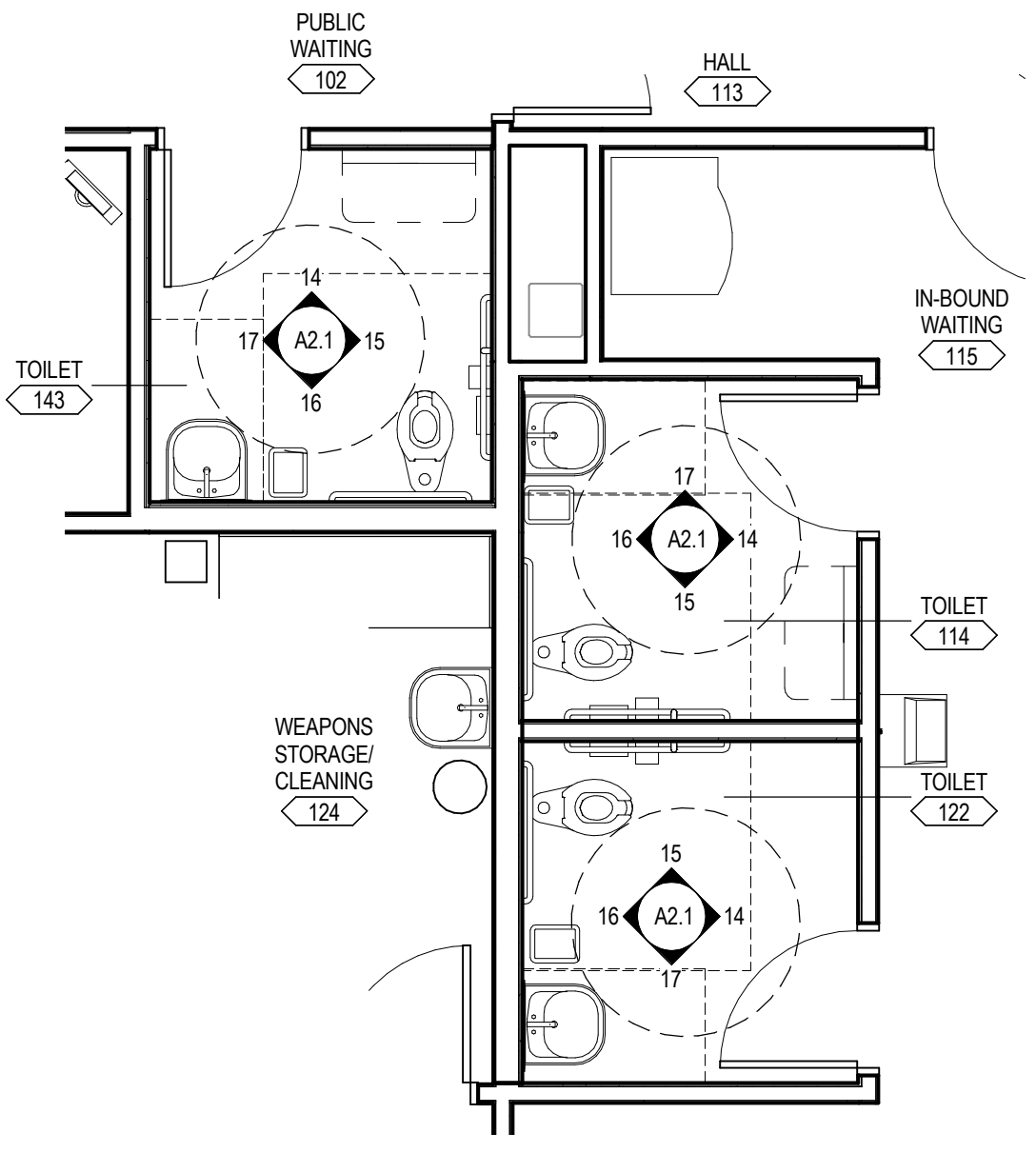
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LEGEND NOTES

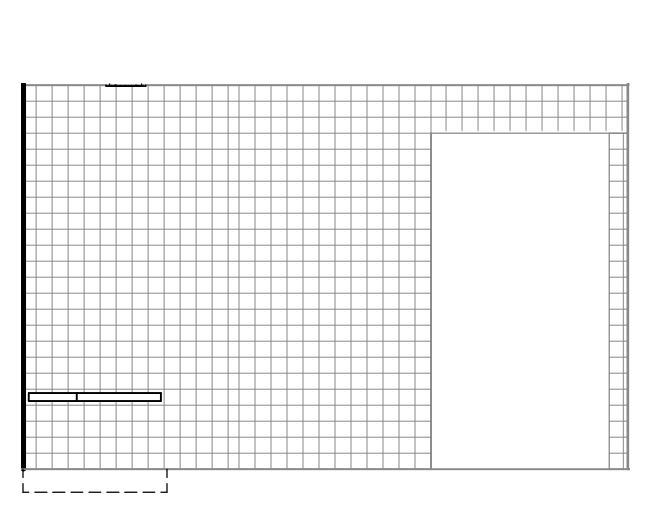
- LEGEND NOTES ARE COMMON TO ALL SHEETS. SOME NOTES MAY NOT APPLY TO THIS SHEET.
- KEYNOTES**
- EXISTING DOOR SEALED IN PLACE
 - EXISTING DOOR WITH NEW HARDWARE
 - EXISTING COLUMN TO REMAIN
 - WALL MOUNTED SINK
 - TOILET
 - SHOWER UNIT WITH SEAT
 - EXISTING DRINKING FOUNTAIN TO REMAIN
 - FLOOR MOUNT TOILET PARTITIONS
 - REFRIGERATOR
 - MILLWORK
 - 36" X 36" LEVEL 3 BULLET RESISTANT TRANSACTION WINDOW W/ STAINLESS STEEL TRANSACTION TRAY. WINDOW SILL TRAY ELEVATION 34" A.F.F.
 - WORKSTATION (CPU, PRINTER AND PHONE)
 - FURNITURE, O.F.O.I
 - IT RACK
 - FULL FUNCTION COPIER, PRINTER, SCANNER AND FAX MACHINE. O.F.O.I.
 - WALL MOUNTED TELEVISION ON SATELLITE SYSTEM
 - FUME HOOD, O.F.O.I
 - WALL MOUNTED DRINKING FOUNTAIN
 - PROCESSING BOOTH
 - VENDING MACHINE
 - EYE WASH/SHOWER
 - EXISTING ELEVATOR TO REMAIN
 - EXISTING STAIRS TO REMAIN
 - RELOCATED STAINLESS STEEL BENCH FROM EXISTING HOLD/SEARCH ROOM. PROVIDE ALL NECESSARY HARDWARE AND BACKING IN WALL TO MEET DETENTION GRADE INSTALLATION.
 - RELOCATED STAINLESS STEEL TABLE FROM EXISTING SEARCH ROOM. PROVIDE ALL NECESSARY HARDWARE AND BACKING IN WALL TO MEET DETENTION GRADE INSTALLATION.
 - STORAGE RACKS
 - NO WORK IN THIS ROOM/AREA UNLESS NOTED OTHERWISE.
 - STAINLESS STEEL COUNTER MOUNTED SINK
 - URINAL
 - INFILL FLOOR OPENING TO MATCH ADJACENT SLAB THICKNESS
 - STAINLESS STEEL SINK WITH DISPOSAL - PROVIDE STAINLESS STEEL SHELF ABOVE
 - STAINLESS STEEL COUNTERTOP
 - FORMS HOLDER/COUNTER
 - RAIN LEADER FROM EXISTING DRAIN BOX TO REMAIN ABOVE DOOR
 - FULL HEIGHT MIRRORS ALONG THIS WALL
 - WALL HOOKS. PROVIDE BACKING IN WALL
 - 42" HIGH STEEL BOLLARD AT EXISTING SLEEVE IN PLACE. WELD BOLLARD TO EXISTING SLEEVE.
 - 42" HIGH STEEL BOLLARD, CAST-IN-PLACE 36" MIN. EMBED. 4" THICK 3000 PSI CONCRETE SIDEWALK ON 4" ABC. MATCH EXISTING SIDEWALK GRADES.
 - INTERIOR STOREFRONT SEPARATION WALL. PROVIDE DECORATIVE FILM ON 1/2" LAMINATED GLAZING
 - FINAL WALL LOCATION MAY CHANGE DEPENDING ON EXISTING PLUMBING LOCATION WITHIN WALLS.
 - PROVIDE 24" x 24" DETENTION GRADE LOCKABLE ACCESS PANEL IN WALL TO PROVIDE ACCESS TO EXISTING TOWER GROUNDING CABLES IN WALL TO REMAIN. FINAL LOCATION TO BE COORDINATED IN FIELD.
 - PROVIDE 24" x 24" ACCESS PANEL IN WALL TO PROVIDE ACCESS TO EXISTING TOWER GROUNDING CABLES IN WALL TO REMAIN. FINAL LOCATION TO BE COORDINATED IN FIELD.
 - EXISTING ELECTRICAL PANEL TO REMAIN.
 - NEW ELECTRICAL PANEL
 - RELOCATED MONITOR AND DECODER FOR TAA SHARED VIEWS
 - NEW 32" MONITOR AND DECODER FOR TAA SHARED VIEWS
 - RELOCATED MONITOR AND CPU FOR TAA SHARED VIEWS
 - MONITOR AND CPU FOR INTERNAL CBP VIEWS
 - RELOCATED RADIO REPEATER DESKTOP UNIT
 - MOVEABLE BENCH, O.F.O.I.
 - NETWORK PRINTER, O.F.O.I.



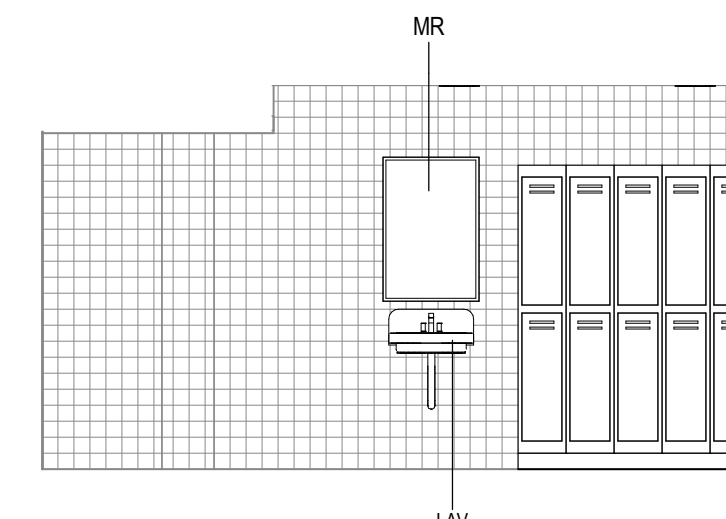
1 MENS 128 / WOMENS 130
A2.1 SCALE: 1/4" = 1'-0"



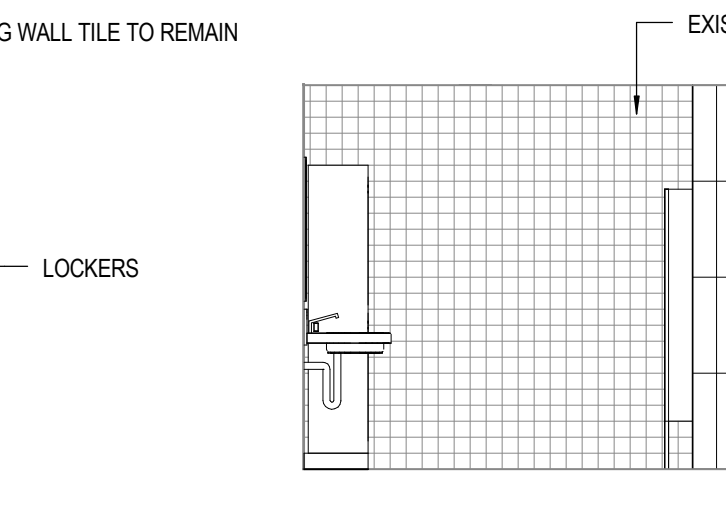
2 TOILET ROOMS 114, 122 AND 143
A2.1 SCALE: 1/4" = 1'-0"



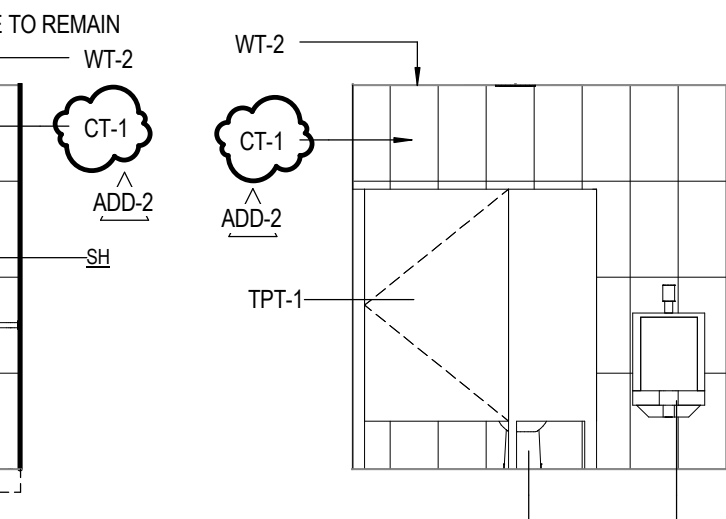
3 MENS 128
A2.1 SCALE: 1/4" = 1'-0"



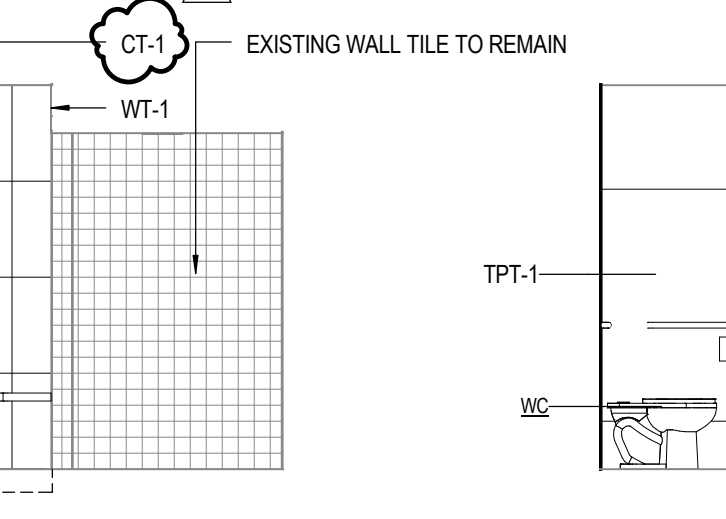
4 MENS 128
A2.1 SCALE: 1/4" = 1'-0"



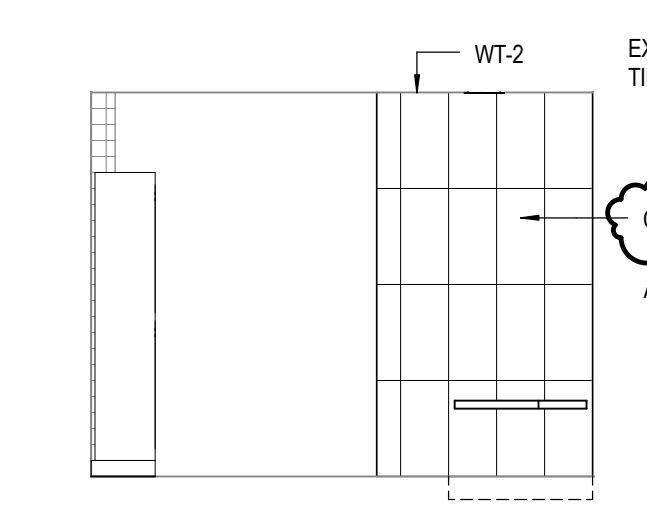
5 MENS 128
A2.1 SCALE: 1/4" = 1'-0"



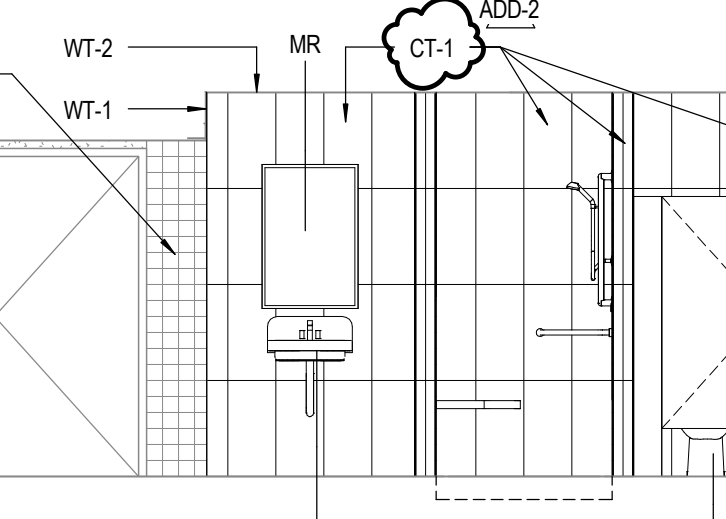
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A2.1 SCALE: 1/4" = 1'-0"



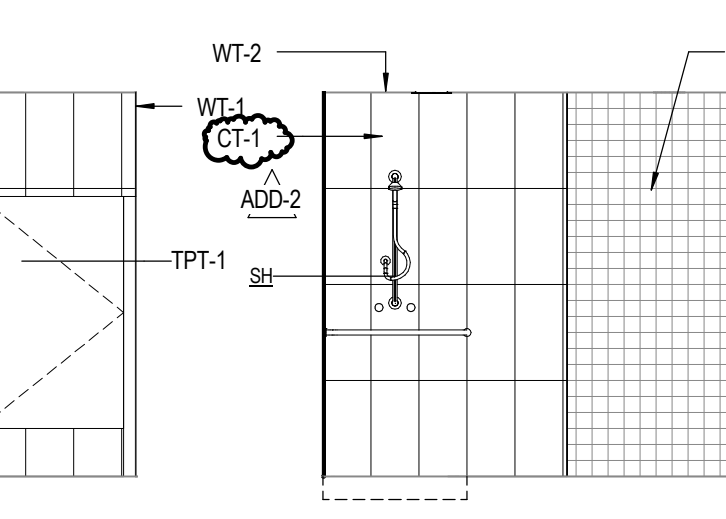
7 MENS 128
A2.1 SCALE: 1/4" = 1'-0"



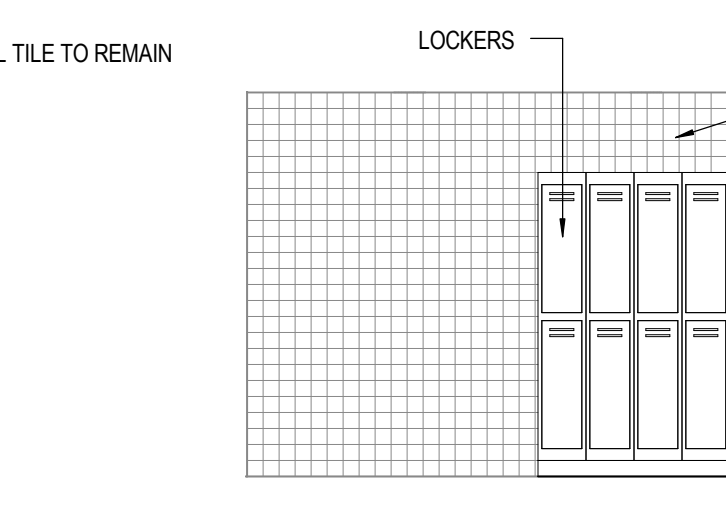
8 WOMENS 130
A2.1 SCALE: 1/4" = 1'-0"



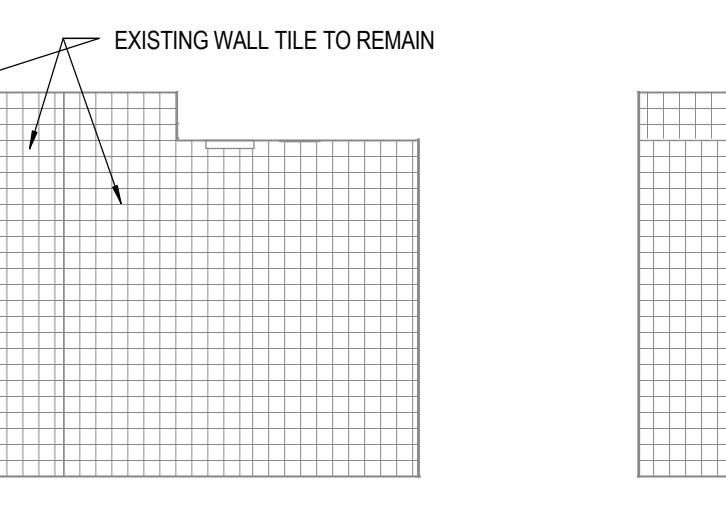
9 WOMENS 130
A2.1 SCALE: 1/4" = 1'-0"



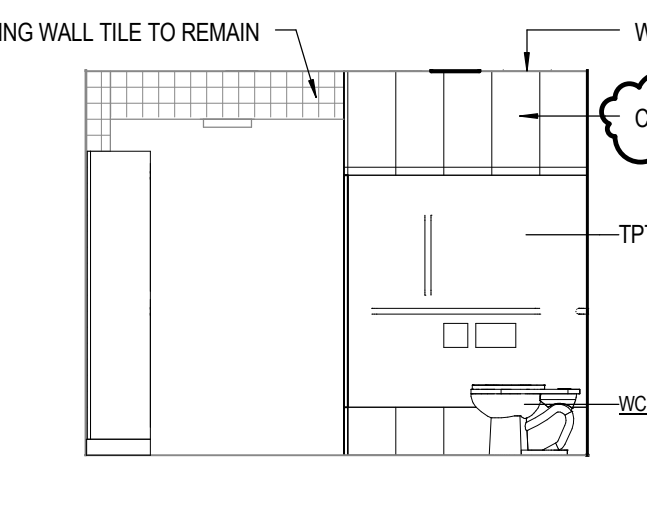
10 WOMENS 130
A2.1 SCALE: 1/4" = 1'-0"



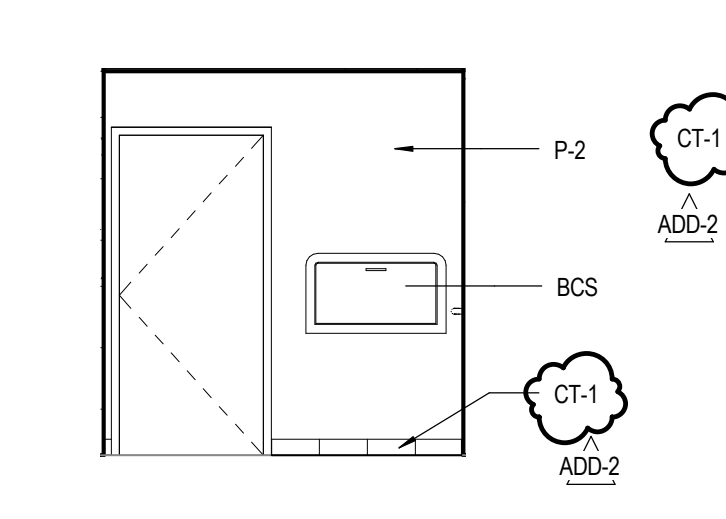
11 WOMENS 130
A2.1 SCALE: 1/4" = 1'-0"



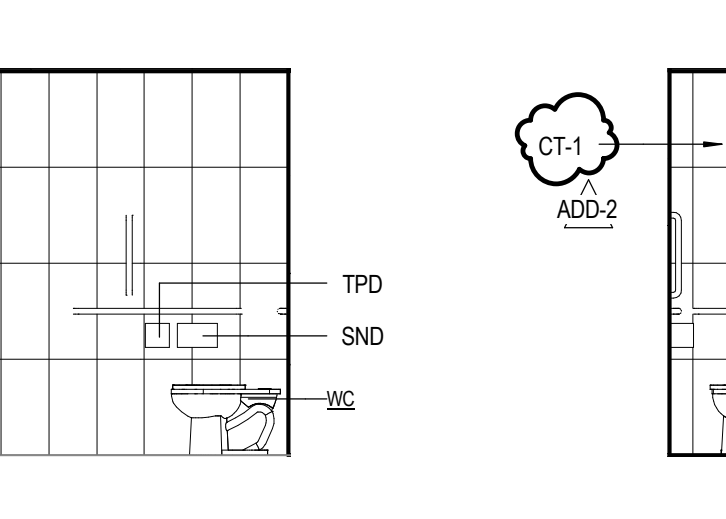
12 WOMENS 130
A2.1 SCALE: 1/4" = 1'-0"



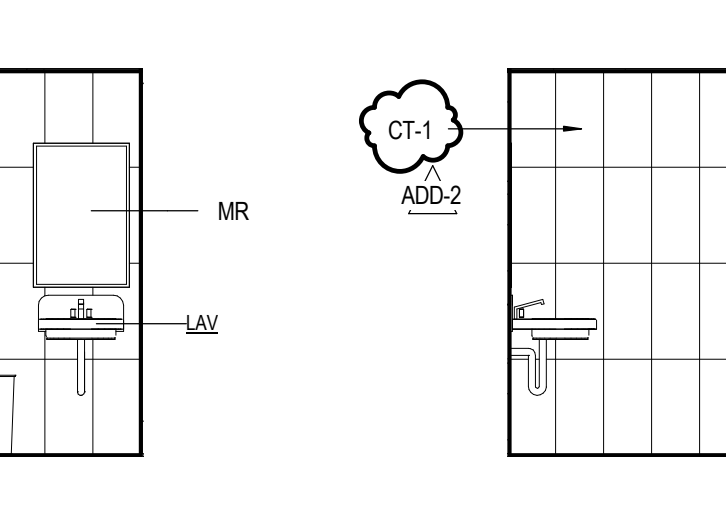
13 WOMENS 130
A2.1 SCALE: 1/4" = 1'-0"



14 TOILET 114, 143 (122 O.H.)
A2.1 SCALE: 1/4" = 1'-0"



15 TOILET 114, 143 (122 O.H.)
A2.1 SCALE: 1/4" = 1'-0"



16 TOILET 114, 143 (122 O.H.)
A2.1 SCALE: 1/4" = 1'-0"



17 TOILET 114, 143 (122 O.H.)
A2.1 SCALE: 1/4" = 1'-0"

TOILET ACCESSORIES SCHEDULE

ABBREV.	DESCRIPTION
BCS	BEYOND CHANGING STATION
GB-1	GRAB BAR (SIDE WALL)
GB-2	GRAB BAR (BACK WALL)
GB-3	GRAB BAR (VERTICAL)
GB-4	GRAB BAR (SHOWER)
ACC	ADA ACCESSIBLE HEIGHT
MR	MIRROR
PTD	PAPER TOWEL DISPENSER
RH	ROBIE HOOK
SCD	SEAT COVER DISPENSER
SD	LIQUID SOAP DISPENSER
SCR	SHOWER CURTAIN ROD
SND	SANITARY NAPKIN DISPOSAL
TTD	SURFACE MOUNTED TOILET PAPER DISPENSER

GENERAL NOTES FOR ACCESSIBILITY

- ACCESSIBLE URINAL SHALL PROVIDE CLEAR FLOOR SPACE PER ADA SAD 2010 - 606.3.
- ACCESSIBLE WATER CLOSETS SHALL PROVIDE CLEAR FLOOR SPACE PER ADA SAD 2010 - 604.3.1.
- ACCESSIBLE LAVATORIES AND SINKS SHALL PROVIDE CLEAR FLOOR SPACE PER ADA SAD 2010 - 606.2.
- ACCESSIBLE TOILET ROOMS SHALL PROVIDE A TURNING SPACE OF 60 INCHES IN DIAMETER PER ADA SAD 2010 - 304.3.1.
- ACCESSIBLE WATER FOUNTAINS SHALL PROVIDE CLEAR FLOOR SPACE PER ADA SAD 2010 - 602.2.
- ACCESSIBLE TOILET PARTITION SHALL COMPLY WITH ADA SAD 2010 - 604.8.1.
- EXPOSED PIPES AND SURFACES UNDER LAVATORIES AND SINKS SHALL BE INSULATED PER ADA SAD 2010 - 606.5.

FINISH LEGEND

- CT-02 - 12" x 24" CERAMIC WALL TILE
- P-2 - SEMI-GLOSS EPOXY PAINT AT GWB SURFACES (CEILINGS AND WALLS)
- TPT-1 - SOLID PHENOLIC CORE TOILET PARTITIONS, FLOOR MOUNTED WITH CEILING BRACE.
- WT-1 - WALL TRIM - PROVIDE SCHLITERS WALL TRIM AT CORNERS BETWEEN NEW AND EXISTING TILE.
- WT-2 - WALL TRIM - PROVIDE WALL TRIM BETWEEN NEW WALL TILE AND CEILING TO REMAIN.

ADULT MOUNTING HEIGHTS

