

ADDENDUM 3

Via E-Mail

DATE: December 02, 2025

Contract: 24-C-00032; TPD Howard Avenue Annex Building

Bidders on the above referenced project are hereby notified that the following addendum is made to the Contract Documents. BIDS TO BE SUBMITTED SHALL CONFORM TO THIS NOTICE.

Item 1 – The Bid Opening Date is hereby changed to December 16, 2025.

Item 2 – Attached is a copy of the site visit sign-in sheet.

Item 3 – Attached are responses to requests for information.

Item 4 - The following are responses to items marked "OPEN" in the attached file:

Number 15 - Coordination of demolition items of salvage value to be retained by the City will be discussed at the Pre-Construction Conference prior to construction.

Number 16 - City of Tampa warranty requirements aligns with requirements outlined in the landscaping specifications.

All other provisions of the Contract Documents and Specifications not in conflict with this Addendum shall remain in full force and effect. Questions are to be e-mailed to [ContractAdministration@tampagov.net](mailto:ContractAdministration@tampagov.net).

Jim Greiner, P.E., Contract Management Supervisor



## City of Tampa | TPD Howard Avenue Annex Building

### Revision 3, CoT Addendum 3 – Bid RFI Responses

December 1, 2025

This Addendum forms a part of the Contract Document and only in the manner and to the extent stated herein and shown on any accompanying drawings and will become a part of the Contract Documents. Except as specified or otherwise indicated by this addendum, all work shall be in accordance with the basic requirements of the Contract Documents. All Addenda forms a part of the documents of this project and modifies, amends, clarifies, and adds to the original documents as described above.

#### A. DRAWING REVISIONS

See revised drawings and sketches for exact revisions.

##### a. ARCHITECTURAL SHEETS

- Item 1      **Drawings: A-152 (RE-Issued)**
- Responsibility for equipment E31 and E32 changed to OPCI (per TPD).
  - Note added to General Notes:  
“CONTRACTOR TO VERIFY CPCI ITEMS WITH OWNER PRIOR TO ORDERING EQUIPMENT AND CREDIT EQUIPMENT ALREADY PROCURED BY OWNER.”
- Item 2      **Drawings: ID-501 (RE-Issued)**
- Wall Sign – Type 6 Added.
  - Wall Sign – Type 1 Revised.

##### b. PLUMBING SHEETS

- Item 3      **Drawings: P-201 (RE-Issued)**
- Updated plans to show trench drain size as noted in keynote 2.
  - Added FD-1 for water heater drain in Vehicle Bay 119B.
  - Added Invert elevation to oil-water separator.
  - Added ECO callouts to Acid-Neutralization tank and reference to keynote 1.
  - Added sizes to underground storm running under building.
  - Updated storm running along exterior of building notes, sizes and cleanout locations.
- Item 4      **Drawings: P-202 (RE-Issued)**
- Updated plans to show trench drain size as noted in keynote 2.
  - Added FD-1 for water heater drain in Vehicle Bay 119B.

- Added ECO callouts to Acid-Neutralization tank and reference to keynote 1.
- Added sizes to underground storm running under building.
- Updated storm running along exterior of building notes, sizes and cleanout locations.
- Updated condensate CR-1 in mechanical room 152A to be tied to Drywell.

**c. TECHNOLOGY SHEETS**

**Item 5 Drawings: T100 (RE-Issued)**

- Room with IT rack indicated.

**Item 6 Drawings: T601 (RE-Issued)**

- Equipment to support rack indicated.
- Category cable to TV locations indicated.

**Item 7 Drawings: T741 (RE-Issued)**

- Quantities clarified.

**Item 8 Drawings: T801 (RE-Issued)**

- Scope for displays Clarified.

**Attachment(s):**

- TPD E&F\_Pre-bid RFIs and Substitution Requests Log
- COT TPD Storage Evidence Building - MCE Report

End of Permit Revision No. 3



# TPD HOWARD AVENUE ANNEX BID RFI LOG

CoT Project No. 24-C-00032, ADG Project No. 1087, 12/1/2025

Organization abbreviations: ADG - Architects Design Group, CoT - City of Tampa, HAA - Howard and Associates Architects, SGM - SGM Engineering (MEP&FP), TLC - TLC Technologies , Tampa Police Department - TPD

Number	Date	Source	Item	Description	Responsibility	Notes	Response	Response Date	Status
1 (Kokolakis #003)	11/17/2025	Elite Storage Products	Storage Locker Substitution Request (LOCKERS MFG)	Spacesaver Freestyle (the basis of design product in “10 51 00 – 2.3 Locker Manufacturer” spec AND on sheet “A-152 Specialty Equipment Schedule”) is heavier gage and different construction than what the specs call out “10 51 00 – 2.5 Lockers”.	ADG, Specifications	The Substitution Request proposes to use the "10 51 00 - 2.5 Lockers" standard for personal lockers (Specialty Equipment "E11") and the Spacesaver standard of design for pass-through lockers ("E30").	CoT, TPD, and ADG approve using the standards in 10 51 - 2.5 LOCKERS for personal lockers (E11). In addition 'Lockers Manufacturing' is an approved manufacturer for 10 51 00 - 2.3 LOCKER MANUFACTURER and 10 51 00 - 2.4 BENCH MANUFACTURER	11/20/2025	CLOSED
2	11/18/2025	Kokolakis / Patterson Pope	High Density Storage Totes	Totes have not been included in the equipment legend for the high density storage	CoT, TPD, ADG	Patterson Pope (PP) submitted a quote for \$600k for storage totes to Kokolakis on 02/24/2024 for their preliminary budget. The quote has not been updated per the final high-density-storage layout (sent to ADG by PP on 07/02/2024).	CoT - Totes/storage bins should be excluded from bids	11/20/2025	CLOSED
3 (Kokolakis# 005)	11/18/2025	Kokolakis	Cameras - Responsibility	Cameras are indicated as OF/OI per sheet T801 - please confirm	CoT, TPD, ADG, TLC		Per CoT - this is correct as written	11/20/2025	CLOSED
4 (Kokolakis #006)	11/18/2025	Kokolakis	Displays - Responsibility	Should displays scheduled on T801 be Contractor Provided Contractor Installed (CPCI)?	CoT, TPD, ADG, TLC	Per CoT - displays should be CPCI Confirmed by TLC on 11/21/2025.	TLC - displays noted as provided and installed by contractor on revised sheet "T801 - TECHNOLOGY SCHEDULES"	11/25/2025	CLOSED
5 (Kokolakis #007)	11/18/2025	Kokolakis	Cable type for TV drops	The TV Detail on T721 shows a single Category 6A cable, but the Coax Riser on T601 shows RG6. Please clarify which type of cable is required for the TV drops.	TLC	TLC will update drawings for response. Sheet(s) should be re-issued as part of "REV 3, CoT ADDENDUM 3, 11/26/2025".	TLC - DISPLAYS SHALL RECEIVE BOTH AS COAXIAL (RG6 OR RG11) AND A DATA CABLE. See revised sheet "T601 - VOICE/ DATA RISER DIAGRAMS"	11/25/2025	CLOSED
6 (Kokolakis #008)	11/18/2025	Kokolakis	Room 171 data rack connection	There is a separate data rack in Room 171, but there is no Backbone Riser or Rack Elevation shown for that rack. Could you please confirm what is required to connect this rack to the Main IDF?	TLC	TLC will update drawings for response. Sheet(s) should be re-issued as part of "REV 3, CoT ADDENDUM 3, 11/26/2025".	TLC - PROVIDE 12 STRAND SM FIBER IN 2" CONDUIT BETWEEN IDF AND RACK LOCATION.	11/25/2025	CLOSED
7	11/18/2025	Burke Construction	Pre-Manufactured Canopy Spec.	Please advise if specification including manufacturer can be provided for the Pre-Manufactured Canopy	ADG		ADG - Bidders should reference "10 73 16 Aluminum Canopies" for performance requirements and manufacturers.	11/20/2025	CLOSED
8	11/18/2025	Burke Construction	Generator substitution	Please advise if Cummins Generator is an acceptable alternative to the basis of design.	SGM		SGM - This is acceptable per 26 32 13	11/21/2025	CLOSED

Number	Date	Source	Item	Description	Responsibility	Notes	Response	Response Date	Status
9 (Kokolakis #001)	11/18/2025	Burke Construction / Kokolakis	Exterior overhead doors	The specs are calling for an insulated rolling steel, aluminum with anodized finish. Neither the Cornell Thermiser Max nor the Overhead series 625 offer a door with this type of material with a Florida approval. Both manufacturers offer a stainless steel or galvanized steel but not anodized aluminum. Pleas advise desired solution.	ADG, HAA	Exterior insulated roll-ups doors that meet Florida Product Approval for Hurricane Zones are available either as pre-finished galvanized steel or Stainless Steel. General colors that manufacturers provide at no additional cost are: Grey, White, Black, Tan and Brown. If none of these colors work – will need to include in the spec. a color selection that includes a wide range of available powder coated finishes.  The Florida Product Approval Compliance list [...] assembled covers roll-up exterior door assemblies under Manufacturer: Overhead Door Corporation. FL #15960.1 covers both insulated and non-insulated galvanized door assemblies. - HAA	ADG, HAA - Overhead coiling doors shall be galvanized steel with powder coated finish and have the appropriate Florida Product Approvals. See list of Florida Product Approvals on G-010 PROJECT CRITERIA for basis of design.	11/24/2025	CLOSED
10	11/18/2025	Burke Construction	Window treatment	Window treatment specification section is shown but locations are not clearly depicted on plans. Please advise of exact locations.	ADG		ADG - Location of roller shades are shown on "ID-101 Interior Finish Plan"	11/20/2025	CLOSED
11	11/18/2025	Burke Construction	Fire alarm system substitution	Please advise if an Edwards fire alarm system can be approved as an alternate.	SGM		SGM - This is acceptable per 28 31 11	11/21/2025	CLOSED
12	11/18/2025	Burke Construction	Structural Steel Fire Proofing	Please advise if spray on fireproofing required on any structural steel or metal deck members.	ADG, MCE		ADG - Spray on fireproofing should not be required for any structural steel component. See FIRE PROTECTION REQUIREMENTS on sheet G-010 PROJECT CRITERIA.	11/21/2025	CLOSED
13	11/18/2025	HAA	Signage	"ID-501 Interior Signage Notes & Schedule" has been adjusted based on recent CoT project	HAA, ADG, CoT	CoT approved revised sheet ID-501 (forwarded to CoT on 9/23/2025). Sheet should be re-issued as part of "REV 3, CoT ADDENDUM 3, 11/26/2025"	HAA - Revised sheet ID-501 is being issued.	11/25/2025	CLOSED
13.1	11/21/2025	Burke Construction	Signage	The current specifications under ID501 for the new building only reference certain specific signs, while ID402 includes a large number of office, conference, and service rooms (approximately 62) that appear to be excluded. Please confirm whether these additional rooms should be included under the signage scope. Additionally, Section 2.2 of the specifications mentions cast characters and illuminated characters; however, the drawings do not indicate illumination. Please confirm whether illuminated letters are required for this project.	HAA, ADG, CoT		See item 13 response. No illuminated letters should be needed on this project.	11/24/2025	CLOSED

Number	Date	Source	Item	Description	Responsibility	Notes	Response	Response Date	Status
14 (Kokolakis #004)	11/18/2025	Kokolakis	Temporary Utilities	Section 01 50 00 – Temporary Facilities and Controls 1.3 Use Charges Paragraph C, D, & E, state that COT will cover the costs for use of temporary sewer, water, and electric power services during the project. However, Section 7 – Temporary Services under Specifications General Provision (Page 63 of Specification document) states the following: G-7.01 Water – The Contractor shall provide the necessary water supply at his own expense G-7.02 Light and Power – The contractor shall provide at his own expense, temporary lighting and power facilities required for the proper prosecution and inspection of the work.	Jones Edmunds, CoT	Per project specifications: the contractor is to supply at his own expense (include in the bid) temporary sewer, water and electric power needed during the project. - Jones Edmunds	Jones Edmunds - The contractor is to supply at his own expense (include in the bid) temporary sewer, water and electric power needed during the project.	11/21/2025	CLOSED
15	11/18/2025	Burke Construction	Demolition Salvage	Demolition plans denote materials with salvage value to be the property owner the owner. Please advise where these items are to be relocated and if will be by the contractor or by owner.	Jones Edmunds, CoT	CoT to clarify their preference - Jones Edmunds			OPEN
16	11/18/2025	Burke Construction	Landscape Maintenance Period	Please advise if any landscape maintenance period is to be included as a part of this contract after achieving final completion and if so, what is the duration this is to be included.	Jones Edmunds, CoT	Refer to Warranty Period in the Landscape Technical Specifications; CoT contract requirements also apply - Jones Edmunds			OPEN
17	11/18/2025	Burke Construction	Controls	Please advise who the controls manufacturer/ contractor is.	SGM		SGM - Refer to specifications for acceptable manufacturers.	11/21/2025	CLOSED
18	11/19/2025	Kokolakis	Room 150 Lab Equipment	Verification of Responsibility Matrix designation for E31 and E32 in Work Room 150	TPD, ADG	Language should be added to the Specialty Equipment Schedule noting: "Contractors should verify CPCI items with CoT/TPD prior to ordering equipment, and will credit items already procured by TPD".	Per TPD - E31, E32, AND E33 have already been acquired. Those specific items should be OPCI and language should be added to the specialty equipment schedule (A-152).	11/25/2025	CLOSED
19	11/21/2025	Burke Construction	Site Fencing and Details	There seems to be some discrepancy between the fencing shown on the civil plans vs. the layout shown on the architectural plans. Please advise which should take precedence. Also, details are conflicting on both plans as well.	Jones Edmunds, ADG		ADG/ Jones Edmunds - Civil drawings should take precedence with site details and fencing when there is a discrepancy. Architectural drawings should take precedence for gate sizes and locations.	11/24/2025	CLOSED
20	11/21/2025	Burke Construction	Future Gravel Detail	Detail 5, Sheet C601, denotes a future gravel parking lot section but the location is not depicted on the civil plans. Please advise where this is located on the project site.	Jones Edmunds		Jones Edmunds - The overall site plan on Sheet G105 and the North Site Plan on Sheet G201 both show the “Future Impound Lot Expansion Area” using a hidden linetype with call outs.	11/24/2025	CLOSED

Number	Date	Source	Item	Description	Responsibility	Notes	Response	Response Date	Status
21	11/21/2025	Burke Construction	Generator ATS	Regarding the generator ATS, there is some conflict between drawings and specs relating to whether the ATS is a “Non-Bypass” Type or if Bypass Isolation is required. If this facility is deemed critical, I would assume that it will require a bypass type ATS, which could add significant cost compared to non-bypass. Please advise which is to be provided.	ADG, SGM		SGM - Yes, this should be a bypass type ATS due to nature of the backup and facility.	11/24/2025	CLOSED
22	11/21/2025	Burke Construction	Fire Rating for Overhead Doors	The door schedule lists the OHC1 coiling doors as “FBC Rated, Insulated Overhead Coiling Doors” and directs us to refer to Specification Section 08 36 00 for additional requirements; however, Section 08 36 00 is not included anywhere in the provided project specifications. The only relevant section in the spec book is 08 33 23 – Overhead Coiling Doors, which does not indicate any fire-rating requirements. Please confirm whether the OHC1 coiling doors require a fire rating, and if so, provide the correct fire-rating criteria and the specification section that governs it.	ADG, HAA		ADG - Fire rating will not be required for any overhead coiling door. See FIRE PROTECTION REQUIREMENTS on sheet G-010 PROJECT CRITERIA.		CLOSED
23	11/21/2025	Burke Construction	Technology Clarifications	Technology Page T100 shows some kind of 12”x4” rack or duct, please confirm as what’s drawn does not match anything in the legend. Also, there is a 12”x4” Ladder rack cable tray on page T401, but is drawn different than what is shown on T100. Please confirm if these are the same designation.	TLC	Details for 12" x 4" cable tray referenced on T100 are shown on "T711- VOICE / DATA DETAILS"	TLC - Sheet T711, Detail 1 references Basket Style Cable Tray, which is the cable tray shown on sheet. Cable tray shown on sheet T401 is ladder rack. Ladder rack should be mounted similarly to detail T711, Detail 1.	12/1/2025	CLOSED
24	11/21/2025	Burke Construction	80KW Portable Generator referenced on E-501	Please advise if the 80KW Portable Generator will be by the City or if it should be included in our proposal. If we are to include can specifications be provided for this. If not, is it safe to assume we are to only allow for connections and disconnects.	SGM, CoT		SGM - Yes, it is assumed this will be by the city. All other MTS/ ATS/ disconnects are to be provided. The intent is to have availability for the generator to be pulled up and simply connected to the MTS that will be in place.	11/24/2025	CLOSED
25 (Kokolakis #050)	11/25/2025	Kokolakis Contracting	Flat Panel Display Schedule	Drawing T801 shows some TVs under the “Flat Panel Display Schedule”, but they do not match quantities or model numbers from conference room drawings. Please clarify if we should include these additional TVs from T801, in our bid.	TLC, ADG		Bidders should include all items on the Flat Panel Display Schedule as noted on revised sheet T801 TECHNOLOGY SCHEDULES  TLC Revised Respond - Provide smartboard as noted on floor plan. All other displays shall be Samsung commercial grade TVs. Approved equals will be considered.	12/1/2025	CLOSED

Number	Date	Source	Item	Description	Responsibility	Notes	Response	Response Date	Status
26 (Kokolakis #051)	11/25/2025	Kokolakis Contracting	Security Picket at CMU wall	The basis of design for the metal fence in specifications is Ameristar steel 2 ¾” M-pale curved picket. The drawings show a 2’ tall fence but the shortest Ameristar fence they’ve has made in this style is 4’ tall.	ADG		ADG - Price option with the 4’ tall, curved fence by (Basis of Design) Ameristar.	11/25/2025	CLOSED
27 (Kokolakis #052)	11/25/2025	Kokolakis Contracting	Stucco Finish	On drawing A-013 a note for the sign dictates a smooth stucco finish. Is that a troweled down conventional Portland cement plaster that will be painted or a synthetic finish?	ADG		ADG - Use conventional stucco, smooth finish, painted.	11/25/2025	CLOSED
28 (Kokolakis #053)	11/25/2025	Kokolakis Contracting	Stucco Finish	On drawing A-013 the North retaining wall dictates a white stucco finish. Do we apply a white Portland based Type S cement bulk, a premix, or conventional stucco that is then colored white with a synthetic stucco finish.	ADG		ADG - Use conventional stucco, smooth finish, painted.	11/25/2025	CLOSED
29 (Kokolakis #054)	11/25/2025	Kokolakis Contracting	Speakers	The S1 speakers show up on the data and security drawings, T101A and T101B, but they are not in the technology legend and there is no indication as to what system they support – i.e., paging, intercom, etc. Please clarify the S1 speaker.	TLC		TLC - S1 speaker is paging speaker. Provide paging speaker with accessible volume control knob on speaker. Provide amplifier and controller (Viking PA-250-IP or approved equal). Zone all speakers on a similar zone. Integrate with owner's VoIP system.	12/1/2025	CLOSED
30 (Kokolakis #055)	11/25/2025	Kokolakis Contracting	Louvered Gates BoD	The louvered gate spec calls out steel, but the model Phoenix is aluminum, please advise if we price the gates in aluminum to match the basic of design.	ADG		ADG - Price gates in aluminum to match the Basis of Design.	11/25/2025	CLOSED
31 (Kokolakis #056)	11/25/2025	Kokolakis Contracting	Fire Service Line	F-101 references the running of an 8” Fire Service to Building. At the site visit, it appears that the routing of this fire main will take it under the existing exterior loading dock. Being that this building is partial dock height, and the fire line will be ~3’ in the ground, we will be ~5.5’ under the existing building slab when routing this fire main to the proposed fire riser location. This may necessitate the removal of the loading dock to accommodate a safe installation of the fire main. Please advise if the contractor is to include all required removal and replacement of existing structures, foundations, or other elements.	ADG, SGM		ADG - Yes, contractor will be required to field verify conditions and remove/replace existing concrete/masonry as needed.	12/1/2025	CLOSED

Number	Date	Source	Item	Description	Responsibility	Notes	Response	Response Date	Status
32 (Kokolakis #057)	11/25/2025	Kokolakis Contracting	Fire Department Connection	F-101 references the running of a 4” Fire Department Connection. At the site visit, it appears that the routing of this fire main will take in under the existing exterior wall. Being that this building is dock high, and the fire line will be ~3’ in the ground, we will be ~5.5’ under the existing building slab when routing this fire main to the proposed fire riser location. This may necessitate additional removal of building components to facilitate the installation of the FDC. Please advise if the contractor is to include all required removal and replacement of existing structures, foundations, or other elements.	ADG, SGM		ADG - Yes, contractor will be required to field verify conditions and remove/replace existing concrete/masonry as needed.	12/1/2025	CLOSED
33 (Kokolakis #058)	11/25/2025	Kokolakis Contracting	Existing Metal Roof Fascia	AD-101A references “Verify-In-Field Condition of Existing Metal Roof Fascia”, is the contractor to carry a cost to completely replace all portions of fascia found to be deteriorated or is it the intent to only repair as directed? Please advise.	ADG, HAA		ADG, HAA - All existing metal roof fascia shall be removed and replaced. Refer to Roof Plan on Sheet A-121 and Roof Details found on Sheet A-321.	11/26/2025	CLOSED
34 (Kokolakis #059)	11/25/2025	Kokolakis Contracting	Demo of Existing Stormwater Line	AD-101A references the demolition of two interior 8” stormwater pipe which run beneath the existing building slab. The demolition of this slab is not shown on the structural demolition drawings, S-201B. Please advise if the contractor is to include the demolition and replacement of slab in this location.	HAA, SGM, MCE		ADG - Yes, this should be included.	11/26/2025	CLOSED
35 (Kokolakis #060)	11/25/2025	Kokolakis Contracting	Demo on SB-201B	SB-201B, when compared to P-202, does not appear to include all the slab demolition and replacement required to install the underground plumbing shown. Please advise if the contractor is to include the demolition and replacement of slab in these locations.	MCE, ADG, HAA		HAA - Contractor shall include demolition and replacement of slab to facilitate new water and sewer lines. Refer to General Demolition Note #12 as shown on Sheets AD-101A & AD-101B.	11/26/2025	CLOSED
36 (Kokolakis #061)	11/25/2025	Kokolakis Contracting	Wall Footing Assessment	In the location where the new building addition abuts the existing building exterior wall, has any assessment or survey been performed of the existing building wall footing for size and integrity?	MCE, CoT		ADG - Please reference "Structural Assessment Inspection & Evaluation Report" included in Addendum 3. Notify the City of Tampa and Architect if further evaluation is needed.	12/1/2025	CLOSED
37 (Kokolakis #062)	11/25/2025	Kokolakis Contracting	Demo of Existing Stormwater Line	P-202 directs the contractor to camera and clean the existing underground storm piping which runs beneath the building. AD-101A directs the contractor to demolish and replace. Please advise which is the contractor to perform.	SGM, HAA		ADG - Existing line should be demolished and replaced with a 10" storm line. GRAVITY FLOOR PLANS P-201 and P-202 are being reissued with revised notations.	11/26/2025	CLOSED

[illegible]



SPECIALTY EQUIPMENT LEGEND					
TAG	QTY	RESPONSIBILITY	DESCRIPTION	BASIS OF DESIGN	REQUIREMENTS
E1	3	CPCI	FOLDING WORKBENCH W/ ROUNDED EDGES 48" W X 24" D	ULINE #H-8992-LAM	
E1.R	2	OPCI	DESKTOP MONITOR W/ PRINTER		POWER & DATA REQUIRED
E2	2	CPCI	PORTABLE SINGLE POST VEHICLE LIFT - 6000LB. CAPACITY	ATLAS EQUIPMENT #ATEXH-PSP-6000	POWER & DATA REQUIRED
E2.R	1	OPCI	TAG PRINTER		POWER & DATA REQUIRED
E3	1	CPCI	WALL-HUNG DIGITAL SMART BOARD 86"W X 57"H X 3/8"D	SMART BOARD 6000 PRO #SBID-6286S-V3-P/SBID-6286S-V3-PW	POWER & DATA REQUIRED; COORDINATE WITH CITY OF TAMPA T+I
E3.R	1	OPCI	DESKTOP COMPUTER W/ SCANNER		POWER & DATA REQUIRED; COORDINATE WITH CITY OF TAMPA T+I
E4	1	CPCI	MOTORIZED/RECESSED PROJECTION SCREEN	DRAPER INC ACCESS V ELECTRIC 16:10/ 94"	POWER REQUIRED; 110 V; COORDINATE WITH CITY OF TAMPA T+I
E5	1	CPCI	CEILING HUNG PROJECTOR 16:10	POWERLITE - EPSON - L770U 3LCD Laser Projector with 4K Enhancement1	POWER & DATA REQUIRED; ACCESSORIES REQUIRED: Wireless LAN Adapter (ELPAP11) V12H005A02, External Speaker (ELSP02) V12H467020; COORDINATE WITH CITY OF TAMPA T+I
E5.1	1	CPCI	MOUNTING FOR CEILING HNG PROJECTOR	Universal Projector Mount (ELPMBPJG) V12H808001	COORDINATE WITH CITY OF TAMPA T+I
E6	5	CPCI	STAINLESS STEEL WORKTABLE 304 STS DELUXE 96" L X 30" W	ULINE #H-9656	
E7	2	CPCI	6-SHELF CLOSED INDUSTRIAL BOX STORAGE 36"W X 87"H X 18"D	ULINE 87" HEIGHT CLOSED INDUSTRIAL STEEL SHELVING #H-4351	
E8	31	CPCI	FREESTANDING 24 GA. STORAGE CABINET 72" X 36" X 24"	SANDUSKY COMMERCIAL GRADE STORAGE CABINET #CA41362472-05	
E9	7	CPCI	REACH-IN SOLID SWING DOOR FREEZER	MFR: TRUE MFG MODEL # T-49F-HC	POWER REQUIRED; UNIT COMPLETELY PRE-WIRED AT FACTORY AND READY FOR FINAL CONNECTION TO A 115/60/1 PHASE, 15 AMP DEDICATED OUTLET. CORD AND PLUG SET INCLUDED; NEMA-5-15R
E10	4	CPCI	REACH-IN SOLID SWING DOOR REFRIGERATOR	MFR: TRUE MFG MOSDDEL #T-49-HC	POWER REQUIRED; COMPLETELY PRE-WIRED AT FACTORY AND READY FOR FINAL CONNECTION TO A 115/60/1 PHASE, 15 AMP DEDICATED OUTLET. CORD AND PLUG SET INCLUDED; NEMA-5-15R
E10.R	4	OPOI	REACH-IN SOLID SWING DOOR REFRIGERATOR	MFR: TRUE MFG MOSDDEL #T-49-HC	POWER REQUIRED; COMPLETELY PRE-WIRED AT FACTORY AND READY FOR FINAL CONNECTION TO A 115/60/1 PHASE, 15 AMP DEDICATED OUTLET. CORD AND PLUG SET INCLUDED; NEMA-5-15R
E11	24	CPCI	PERSONAL LOCKER SINGLE FULL HEIGHT 72"H X 24"D X 18"W	SPACESAVER FREESTYLE LOCKER, SINGLE FULL HEIGHT #PSL722418S	BOOT TRAY, FULL-WIDTH SHELVES, HANGER BAR ASSEMBLY KIT, COMBINATION LOCK
E13	2	CPCI	OPEN BASE SS WORK TABLE ON CASTERS 60"W X 14"D	AMGOOD SUPPLY SS Type 430 Table on Casters #WVT-1460-RCB	
E14	2	CPCI	DOWNDRAFT FILTER WORKSTATION / EVIDENCE PROCESSING PHOTOGRAPHY	ATTSTOR FORENSICS PHOTOvent #LH151-L	POWER NEEDED; 2.0 ON 110V
E15	3	OPOI	DESKTOP COMPUTER W/ TAG PRINTER	DELL INSPIRON 24 ALL-IN-ONE - 24IN DISPLAY	POWER & DATA REQUIRED
E16	5	CPCI	HEIGHT ADJUSTABLE DESK 60"W X 30"D	ULINE ELECTRIC ADJUSTABLE HEIGHT DESK - Gray #H-7598GR	POWER REQUIRED
E17.R	1	OPCI	360 FUMING CHAMBER 72"W X 48"D X 80"H	AIRSCIENCE Safefume 360 AUTOMATIC CYANOACRYLATE FUMING CHAMBERS #ARV-72XL-A	POWER REQUIRED
E18	1	CPCI	72" DUCT FUME HOOD 72"W X 24"D X 25"H	CLEARTECH 72" HIGH-CLEARANCE FUME HOOD W/ 35" POWDER COATED STEEL STAND #1100-9-G	POWER REQUIRED
E19.R	1	OPCI	FUME HOOD 48"W X 27"D X 35"H	AIRSCIENCE Purair RX DUCTLESS BALANCE ENCLOSURE #P5-48-XT (RX) -A	POWER REQUIRED; 115VAC, 60HZ; ACCESSORIES: METAL BASE: #CART-MCC-50
E20.R	1	OPCI	FUMING CHAMBER 60"W X 28"D x 82.25"H	AIRSCIENCE Safefume AUTOMATIC CYANOACRYLATE FUMING CHAMBER #CATRI	POWER REQUIRED
E21.R	1	OPCI	FUMING CHAMBER - 30"W x 28"D x 74.88"H	AIRSCIENCE Safefume AUTOMATIC CYANOACRYLATE FUMING CHAMBER #CA30T	POWER REQUIRED
E22	1	CPCI	TABLETOP EVIDENCE DRYING CABINET 24"W X 23"D X 30"H	SIRCHIE EVIDENCE DRYING CABINET #ACEVD24A	POWER REQUIRED; STANDARD 110V OR 220V ELECTRICAL OUTLET
E22.R	2	OPCI	TABLETOP EVIDENCE DRYING CABINET 24"W X 23"D X 30"H	SIRCHIE EVIDENCE DRYING CABINET #ACEVD24A	POWER REQUIRED; STANDARD 110V OR 220V ELECTRICAL OUTLET
E23.R	3	OPCI	FREESTANDING DBL. FORENSIC EVIDENCE DRYING CABINET 72"W X 26"D X 84"H	SIRCHIE FREESTANDING DRYSAFE, 60", Double Chamber #ACEVD60AS	POWER REQUIRED + WATER REQUIRED; STANDARD 110V OR 220V ELECTRICAL OUTLET
E24.R	1	OPCI	FREESTANDING SINGLE FORENSIC EVIDENCE DRYING CABINET 30"W X 26"D X 84"H	SIRCHIE FREESTANDING DRYSAFE, 30", SINGLE CHAMBER #ACEVD30A	POWER REQUIRED + WATER REQUIRED; STANDARD 110V OR 220V ELECTRICAL OUTLET
E25.R	1	OPCI	FINGERPRINT DEVELOPMENT CHAMBER 36.25"W X 25.5"D X 29.25"H	AIRSCIENCE Safedevelop Fingerprint Development Chamber W/ Base Stand #SD-34S	POWER REQUIRED; ACCESSORIES: HEAVY DUTY BASE STAND #CART-30; VENT-BOX FILTRATION #VB60
E26	1	CPCI	DUCTED POLYPROPYLENE FUME HOOD 96"W X 24"D X 25"H	CLEARTECH 96" POLYPROPYLENE CHEMICAL FUME HOOD W/ WORKSURFACE/BUILT-IN SINK #A11-WS-PR36	POWER & WATER REQUIRED; ACCESSORIES: UTILITY SINK #A11-SK-F, 35"H, EPOXY POWDER COATED STEEL STAND W/ LEVELING MOUNT #A11-ST-P35HL; POLYPROPYLENE BASE CABINET FOR STAND #A11-BC-PP; DOUBLE FAN MODULES (120 VAC, ADJUSTABLE SPEED, 480 CFM EACH)
E26.R	1	OPCI	EVIDENCE VIEWING/ PHOTO TABLE 90 X 28		POWER REQUIRED
E27.R	1	CPCI	36" DUCT FUME HOOD 36"W X 30"D X 25"H	CLEARTECH 36" High-Clearance Laboratory Fume Hood W/ 35" STEEL STAND #11004C	POWER REQUIRED; ACCESSORIES: BASE STAND #A11-WS-PR36
E28.R	1	CPCI	48" DUCT FUME HOOD 48"W X 24"D X 25"H	CLEARTECH 48" High-Clearance Laboratory Fume Hood W/ 35" STEEL STAND #1100-4-D	POWER REQUIRED; ACCESSORIES: BASE STAND #A11-WS-PR48
E29	1	CPCI	ROOM AVAILABILITY INDICATOR LIGHT 2.79"W X 2.16"D X 6.41"H	CRESTON STATUS INDICATOR, WALL MOUNT #SIW-100	POWER & DATA REQUIRED
E30	5	CPCI	PASS-THROUGH EVIDENCE LOCKER, 36"W X 82"H	SPACESAVER ED3P-55,10 DOOR EVIDENCE LOCKER, 36"W X 82"H	
E31	1	OPCI	BRASSTAX ACQUISITION STATION 67"W X 30" D X 27"H- VERIFY W/ OWNER	Ultra Electronics Forensic Technology Inc. / IBIS TRAX-HD3D   BRASSTRAX H3 Acquisition Station	POWER REQUIRED; DATA REQUIRED; SEE SPEC DOCUMENT: SFD26-00004
E32	1	OPCI	MATCHPOINT ANALYSIS STATION 67"W X 30"D 27"H- VERIFY W/ OWNER	Ultra Electronics Forensic Technology Inc. /IBIS TRAX-HD3D   MATCHPOINT Analysis Station	POWER REQUIRED; DATA REQUIRED; SEE SPEC DOCUMENT: SFD30-00001
E33	1	OPOI	SHOT TANK 34 1/2"D X 104"W	MODEL# BRS 101 48 A	
E34	30	CPCI	4 DRAWER LETTER/LEGAL FILE CABINET 18W X 25D X 52H	ULINE H-6366BL	
E35	1	CPCI	FUMING CHAMBER, BENCHTOP 30"W X 28"D X 48"H	AIRSCIENCE Safefume AUTOMATIC CYANOACRYLATE FUMING CHAMBE #CA30S-A	POWER REQUIRED:
E36	1	CPCI	CEILING MOUNT FOR TV	MFR: MOUNT IT! MODEL#MI-509B	FOR E36.R TVS;
E36.R	2	OPCI	RELOCATED TV	RELOCATED TV	POWER & DATA; CEILING MOUNTING -E36; CONDUIT, RACEWAY, AND BRACKET BY CONTRACTOR. COORDINATE CONNECTION TO COMPUTER WITH T+I

SPECIALTY EQUIPMENT LEGEND					
TAG	QTY	RESPONSIBILITY	DESCRIPTION	BASIS OF DESIGN	REQUIREMENTS
E37	2	OPOI	DESKTOP MONITOR	DELL INSPIRON 27 ALL-IN-ONE MODEL#7730-AIO	POWER & DATA REQUIRED
E38	2	OPOI	TAG PRINTER		POWER & DATA REQUIRED
E39	2	CPCI	COUNTER HEIGHT CAB W/ SHELVES 36" X 18" X 42"	GLOBAL INDUSTRIES COUNTER HEIGHT STEEL CAB #WBB3134169	
E41	3	CPCI	CHROME WALL RACK WITH BAR 36" X 24" X 6"	NEXEL CHROME WALL RACK WITH BARS- WALL MOUNT T9F184444	
E42	1	OPOI	VENDING MACHINE: SNACKS - 72"H X 35.2 "W X 34.75"D	SELECTIVEND, MODEL: SEL 32	POWER REQUIRED
E43	2	OPOI	VENDING MACHINE, SODA	DIXIE NARCO - MODEL# DN501E-T COLD DRINKS	POWER REQUIRED; CREDIT CARD READER OPTION REQUIRED
E44	2	CPCI	REFRIGERATOR	SUMMIT - FISHER AND PAYKEL - MODEL#E522BRXFD5 67 1/2"H X 31 1/8"W X 27 3/8"DEPTH	POWER REQUIRED
E45	4	CPCI	STAINLESS STEEL COUNTERTOP MICROWAVE/CONVECTION	DACOR - MODEL#DCM24S 24 5/8"W X 14 7/8"H X 19" D	POWER REQUIRED
E46	1	CPCI	ADA STAINLESS STEEL DISHWASHER	BOSCH - 24" BAR HANDLE ADA 800 SERIES - MODEL#SGX78C55UC 32 1/16"H X 23 9/16"W X 22 9/16"DEPTH	POWER & WATER REQUIRED - REFER TO SPEC SHEET
E47	2	CPCI	ICE & WATER DISPENSER	HOSHIZAKI - ICE MAKER AND WATER MODEL#DCM-500BAH 26"W X 22"D X 40"H(72 3/4" W/ STAND)	POWER & WATER REQUIRED - REFER TO SPEC SHEET; ACCESSORIES REQUIRED- SD500 STAND
E48	2	CPCI	BUILT-IN UNDERCOUNTER ADA REFRIGERATOR	SUMMIT - MODEL# AL55 31.63"H X 23.5"W X 25.38"DEPTH (W/ HANDLE)	POWER REQUIRED
E49	3	CPCI	RECESSED DEAL TRAY	ARMORTEX, INC. - RECESSED DEAL TRAY 10" X 16" MODEL#TE-DT-10-16	UL 752 LEVEL IV BULLET RESISTANT
E50	1	CPCI	PACKAGE RECEIVER	ARMORTEX, INC. - PACKAGE RECEIVER 18 X 18 MODEL#SSPR-1818	UL 752 LEVEL IV BULLET RESISTANT
E51	4	CPCI	NATURAL VOICE SPEAK THRU SYSTEM	QUICKSERV - 6" BULLET RESISTANT SPEAK-THRU	UL 752 LEVEL IV BULLET RESISTANT
E52	20	CPCI	GO BAG STORAGE 24"W X 24"D X 74"H	SOUTHWEST SOLUTIONS GROUP -- QUOTE#146548 COLOR: BLUE GREY	(3) ADJUSTABLE OPENINGS, SLOPED TOP, LEVELING FEET, FULLY ASSEMBLED, SLOPED TOPS INSTALLED ON SITE
E53	1	CPCI	PASS-THROUGH EVIDENCE LOCKER, 36"W X 82"H	SPACESAVER ED3P-55,10 DOOR EVIDENCE LOCKER, 36"W X 82"H	
E54	2	CPCI	STS TABLE TOP, HD FRAME, LEVELING CASTERS, 96"W X 48"D X 36"H	FORMASPACE - ITEM# FSMOD-C1066232-0:MODIFIED ASSEMBLY 96W x 48D x 36H Details: SS Worksurface, Leveling Caster, HD Frame, Steel Gray PEARLESCENT (T028GR02)	
E55	1	CPCI	STATIC WIDE SPAN STORAGE STORAGE SHELVING 36 "W X 18"DP X 116 3/4"H	PATTERSON POPE	COORDINATE DELIVERY LOCATION WITH OWNER;
E56	2	OPCI	STORAGE LIFTS	CROWN WAV 60	
E57	1	CPCI	MOBILE STORAGE SHELVING 36"W X 18" DP X 112 7/16"H	PATTERSON POPE	COORDINATE DELIVERY LOCATION WITH OWNER;
E58	1	CPCI	STATIC STORAGE SHELVING 36"W X 18DP X 119 3/4"H	PATTERSON POPE	COORDINATE DELIVERY LOCATION WITH OWNER;
E59	1	CPCI	WIDE SPAN SHELVING 72"W X 36"DP X 121 1/2"H	PATTERSON POPE	COORDINATE DELIVERY LOCATION WITH OWNER;
E60	1	CPCI	TYPICAL STATIONARY + MOBILE HANDGUN STORAGE 36W X 30"DP X 111 15/16"H - 36X30-F	PATTERSON POPE	COORDINATE DELIVERY LOCATION WITH OWNER;
E61	1	CPCI	STATIC LONGGUN STORAGE 36"W X 18"DP X 109 1/4"H	PATTERSON POPE	COORDINATE DELIVERY LOCATION WITH OWNER;
E62	1	CPCI	STATIC LONGGUN STORAGE 36"W X 36"D X 109 1/4"H	PATTERSON POPE	COORDINATE DELIVERY LOCATION WITH OWNER;
E63	1	CPCI	MOBILE LONG GUN SHELVING 36"W X 36"DP X 111 1/2"H	PATTERSON POPE	COORDINATE DELIVERY LOCATION WITH OWNER;
E64	1	CPCI	MOBILE LONG GUN SHELVING 36"W X 18"DP X 111 1/2"H	PATTERSON POPE	COORDINATE DELIVERY LOCATION WITH OWNER;
E65	1	CPCI	STATIC WIDE SPAN STOARAGE SHELVING 72"W X 36"DP X 109 5/8"H	PATTERSON POPE	COORDINATE DELIVERY LOCATION WITH OWNER;
E66	1	CPCI	STATIC WIDE SPAN STORAGE SHELVING 84"W X 36"DP X 109 5/8"H	PATTERSON POPE	COORDINATE DELIVERY LOCATION WITH OWNER;
E67	1	CPCI	MOBILE STORAGE 36"W X 18"DP X 1110 1/4"H	PATTERSON POPE	COORDINATE DELIVERY LOCATION WITH OWNER;
E68	1	CPCI	STATIONARY STORAGE SHELVING 48"W X 24"DP X 110 1/4"H	PATTERSON POPE	COORDINATE DELIVERY LOCATION WITH OWNER;
E69	1	CPCI	STATIONARY STORAGE SHELVING 36"W X 24"DP X 110 1/4"H	PATTERSON POPE	COORDINATE DELIVERY LOCATION WITH OWNER;

## FURNITURE & EQUIPMENT GENERAL NOTES

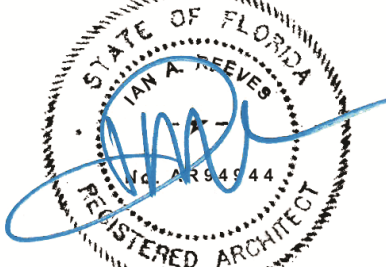
- OPOI - INDICATES OWNER PROVIDED, OWNER INSTALLED FFE ITEMS, NOT IN CONTRACT, UNLESS NOTED OTHERWISE.
- OPCI - INDICATES OWNER PROVIDED, CONTRACTOR INSTALLED ITEMS. OWNER TO COORDINATE PURCHASE AND DELIVERY TO SITE WITH CONTRACTORS INSTALLATION SCHEDULE.
- CPCI - INDICATES CONTRACTOR PROVIDED, CONTRACTOR INSTALLED ITEMS. CONTRACTOR TO VERIFY QUANTITIES SHOWN ON PLANS, ELEVATIONS AND SCHEDULES.
- CONTRACTOR TO VERIFY CPCI ITEMS WITH OWNER PRIOR TO ORDERING EQUIPMENT AND CREDIT EQUIPMENT ALREADY PROCURED BY OWNER.
- OPOI - INDICATES OWNER FURNISHED, OWNER INSTALLED FURNITURE (FNC) BEING RELOCATED FROM OLD FACILITY TO NEW.
- TAGS ENDED IN " R " MEANS EQUIPMENT IS BEING RELOCATED FROM OLD FACILITY TO NEW FACILITY.
- CONTRACTOR TO PROVIDE NON-COMBUSTIBLE BLOCKING AS REQUIRED FOR ALL WALL-MOUNTED OR CEILING-MOUNTED COMPONENTS, ACCESSORIES, FURNITURE, AND EQUIPMENT AS REQUIRED PER MANUFACTURER'S PRODUCT DATA.
- CONTRACTOR TO COORDINATE FINAL EQUIPMENT LOCATIONS WITH OWNER, ELECTRICAL / PLUMBING CONNECTION AND REQUIREMENTS AS INDICATED ON MECHANICAL / ELECTRICAL / PLUMBING DRAWINGS AND SCHEDULES. COORDINATE FLOOR JUNCTION BOXES WITH FURNITURE LOCATIONS FOR FFE ELECTRICAL / DATA REQUIREMENTS.
- CONTRACTOR TO COORDINATE FINAL TECHNOLOGY EQUIPMENT LOCATIONS WITH OWNER; NON-COMBUSTIBLE BLOCKING, JUNCTION BOX CONNECTION, AND ELECTRICAL / DATA REQUIREMENTS AS INDICATED ON TECHNOLOGY DRAWINGS AND SCHEDULES.
- CONTRACTOR TO COORDINATE LOCATION OF DOOR ACCESS HARDWARE TO COMPLY WITH ACCESSIBILITY REQUIREMENTS; LOW-VOLTAGE ELECTRICAL, AND DATA AS INDICATED ON ARCHITECTURE, MEP, AND TECHNOLOGY DRAWINGS AND SCHEDULES.
- CONTRACTOR TO PROVIDE NON-COMBUSTIBLE BLOCKING AND CONDUIT FOR FUTURE EQUIPMENT LOCATIONS LABELED AND INDICATED WITH DASHED LINES.



333 North Knowles Avenue  
Winter Park, Florida 32789



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ADG PROJECT NO. 1087

C.o.T. NO. 24-C-00032

PROJECT STATUS:

PERMIT DOCUMENTS

ISSUE DATE:

9/9/2024

REVISIONS:

3 11/26/2025 CoT ADDENDUM 3

DRAWN BY:

LK

CHECKED BY:

RM

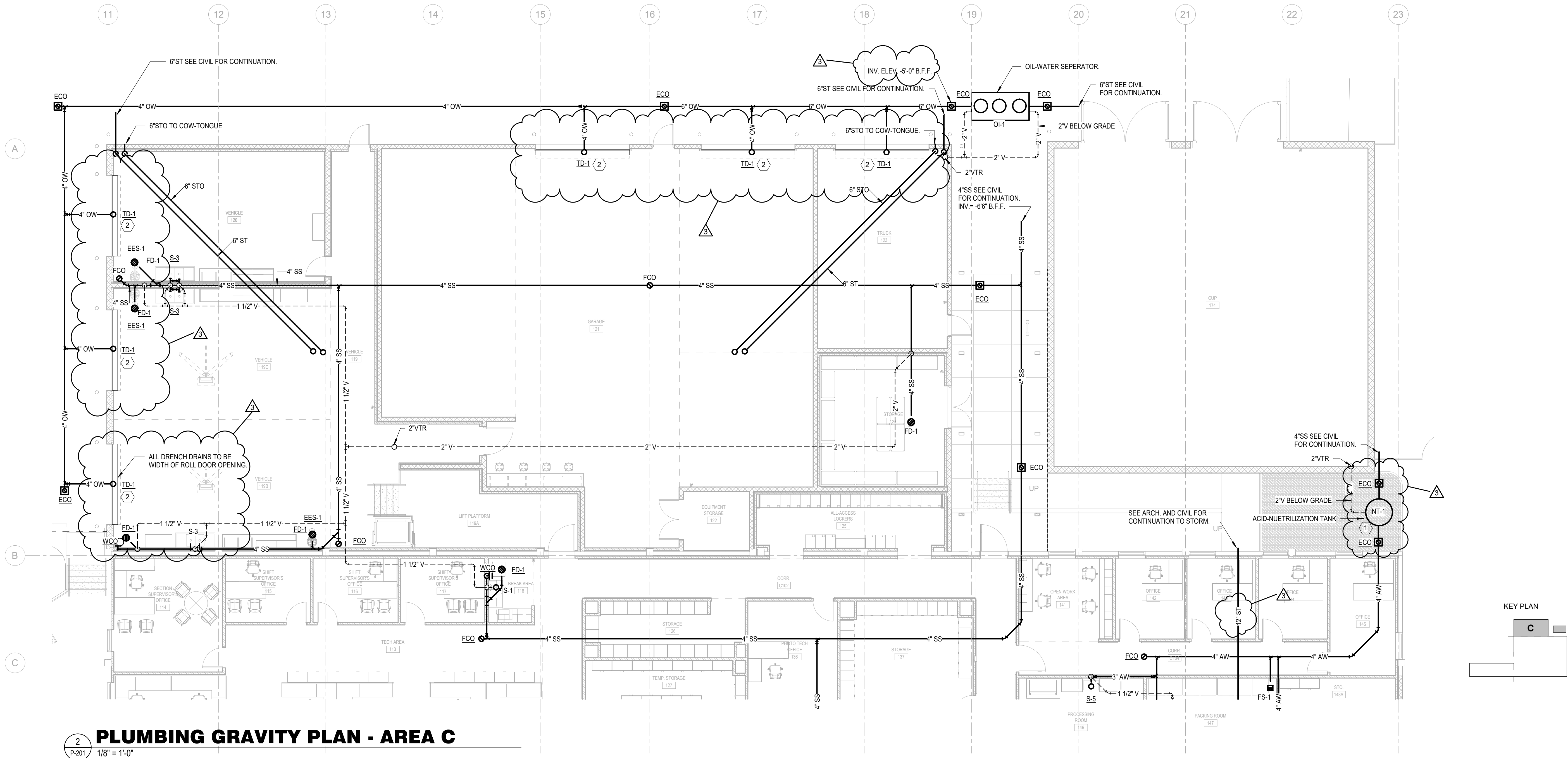
TPD HOWARD AVENUE ANNEX BUILDING

SPECIALTY EQUIPMENT SCHEDULE

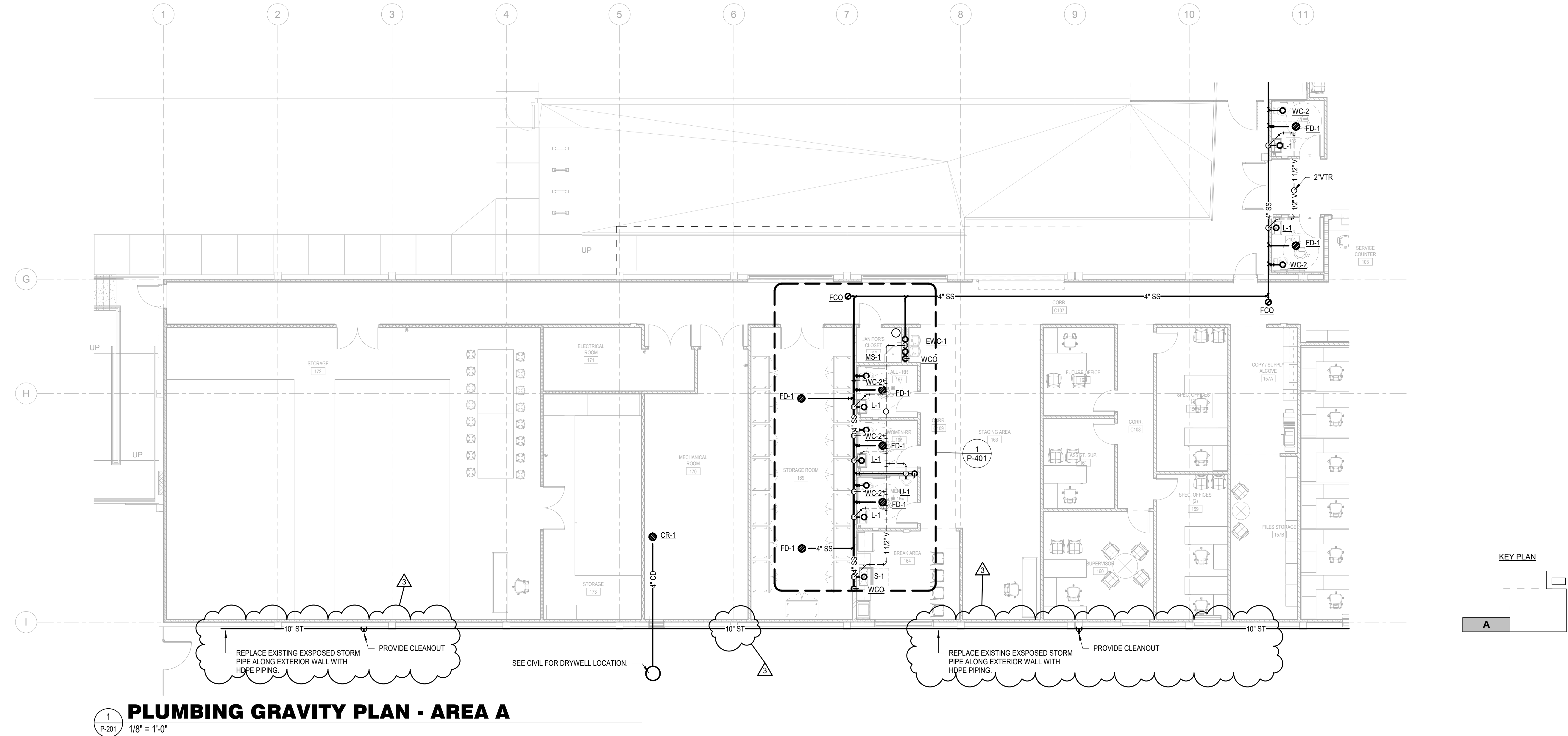


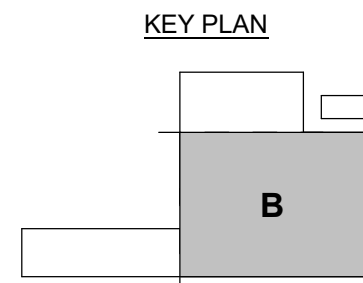
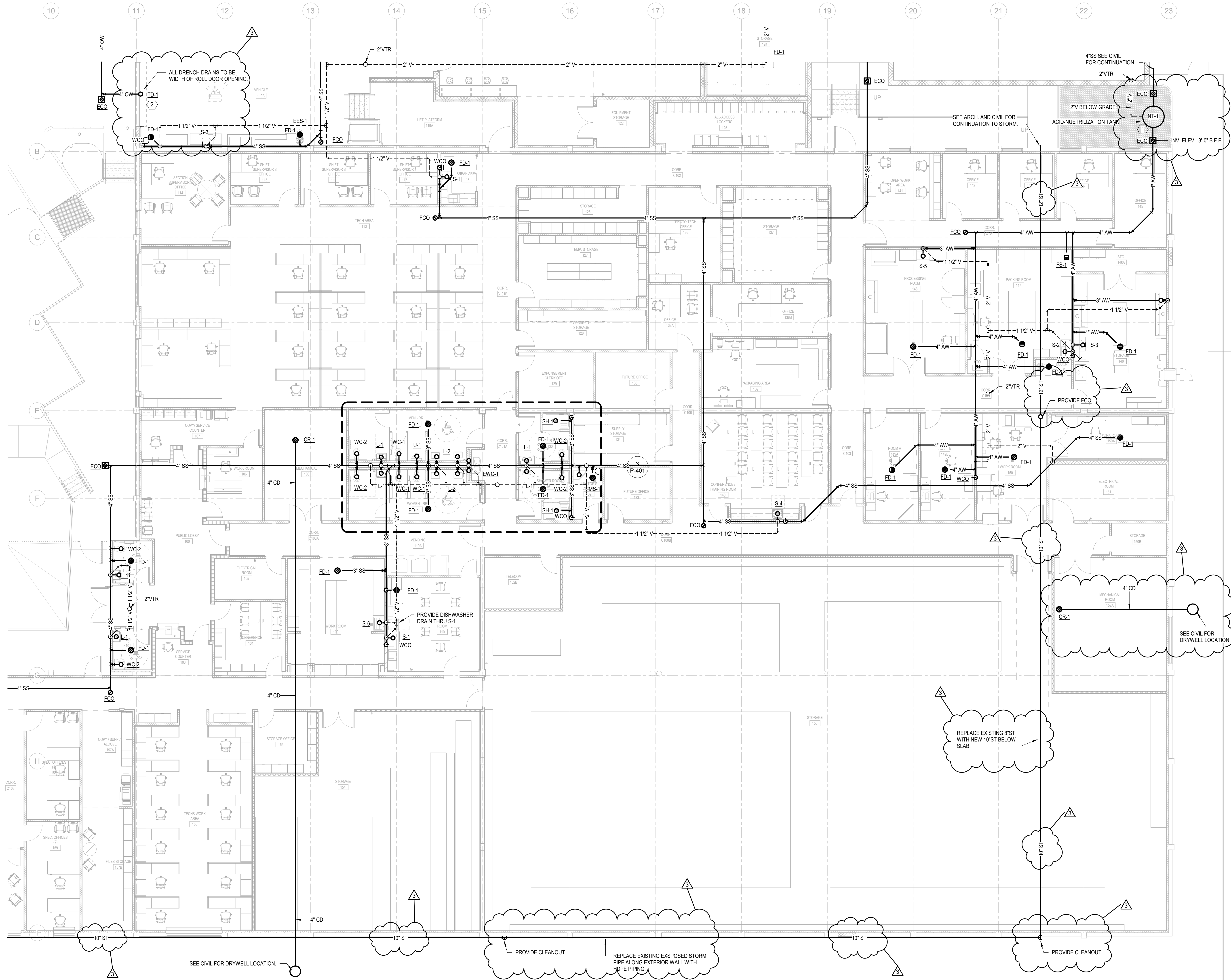
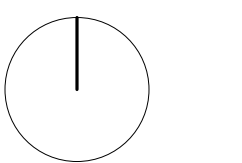






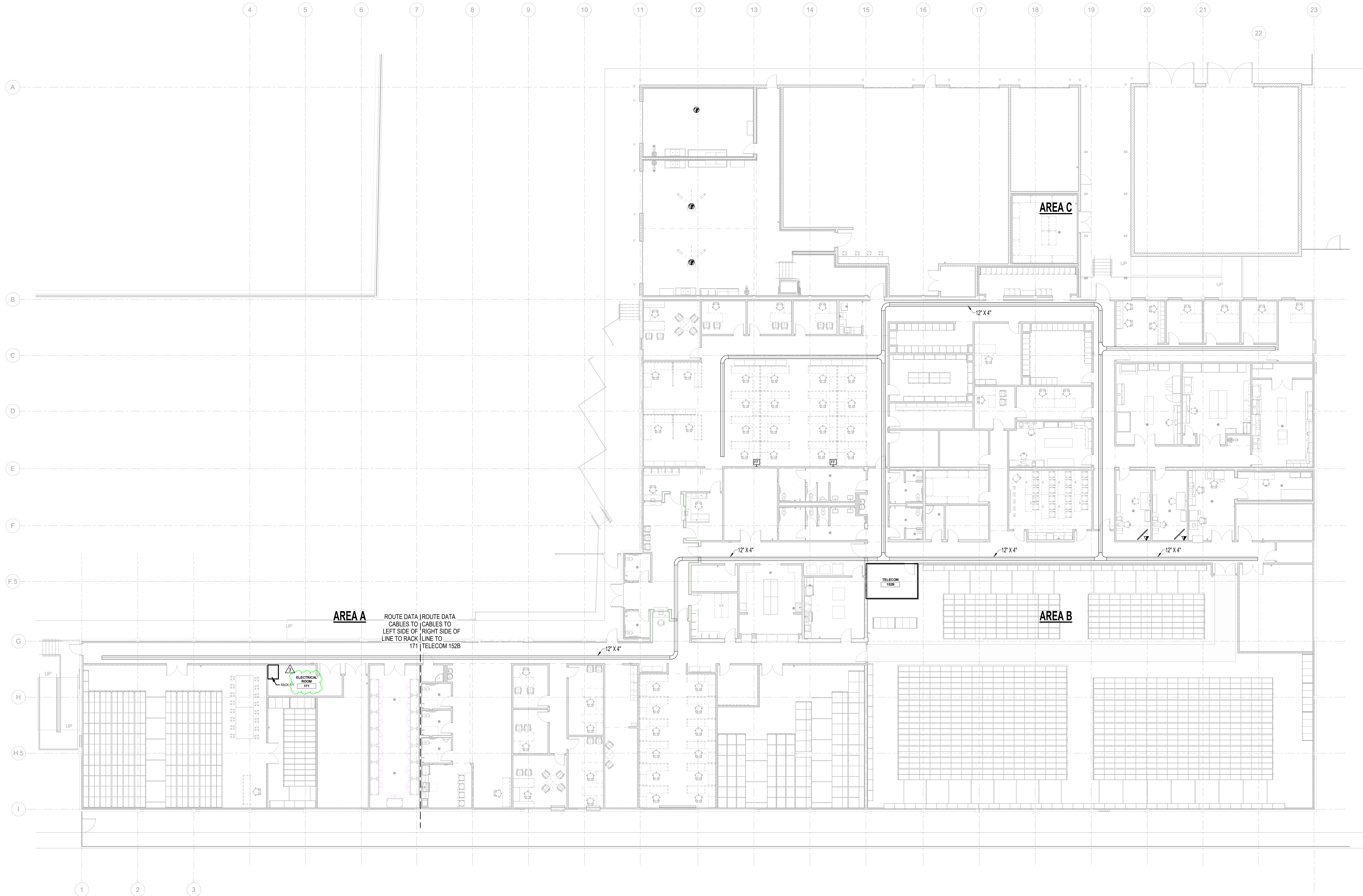
- KEYED NOTES:**
1. ACID NEUTRALIZATION TANK. TANK SHALL BE INSTALLED INSIDE AN UNDERGROUND CONCRETE VAULT FILLED WITH PEA GRAVEL TO A LEVEL JUST BELOW THE TANK INLET AND OUTLET PIPES. THE TANK COVER SHALL BE BOLTED AND PROVIDED WITH AN ACCESS DOOR FOR VISUAL INSPECTION OF THE LIMESTONE LEVEL AND TANK INTERIOR WITHOUT THE NEED TO REMOVE THE TANK COVER. THE TANK SHALL BE FILLED WITH 1 TO 3 INCH DIAMETER LIMESTONE CHIPS. TRENCH DRAIN WIDTH SHALL BE WIDTH OF DOOR OPENING. COORDINATE WITH ARCHITECTURAL DOOR SCHEDULE FOR DOOR WIDTHS.
  - 2.



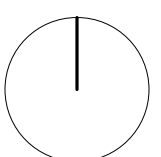
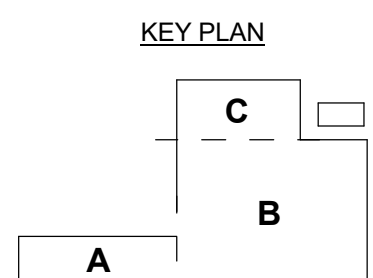


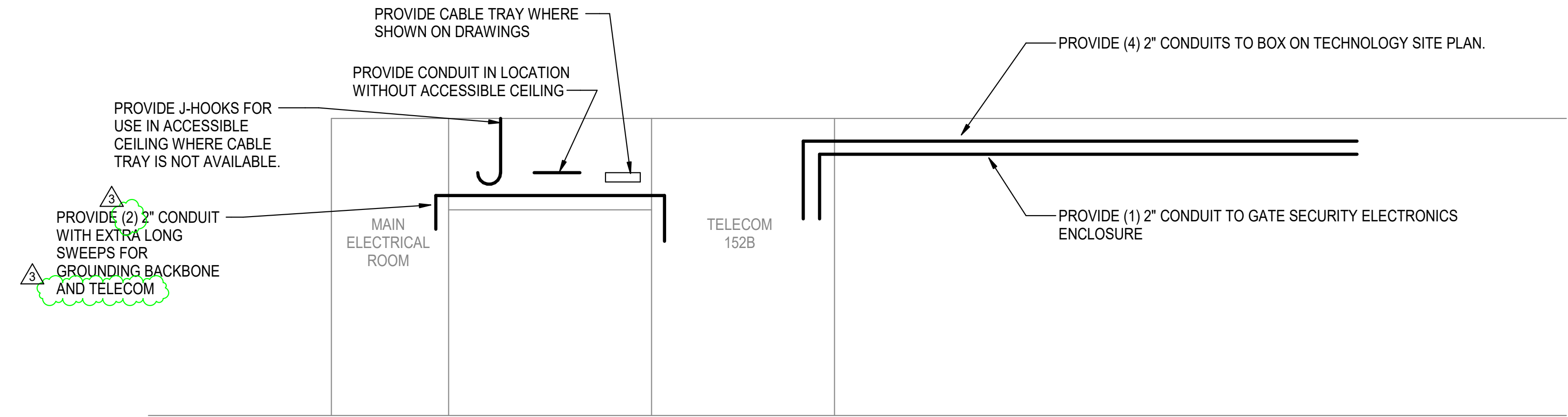
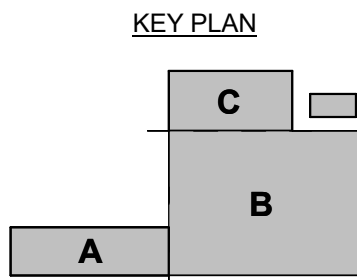
1 PLUMBING GRAVITY PLAN - AREA B  
P-202 1/8" = 1'-0"



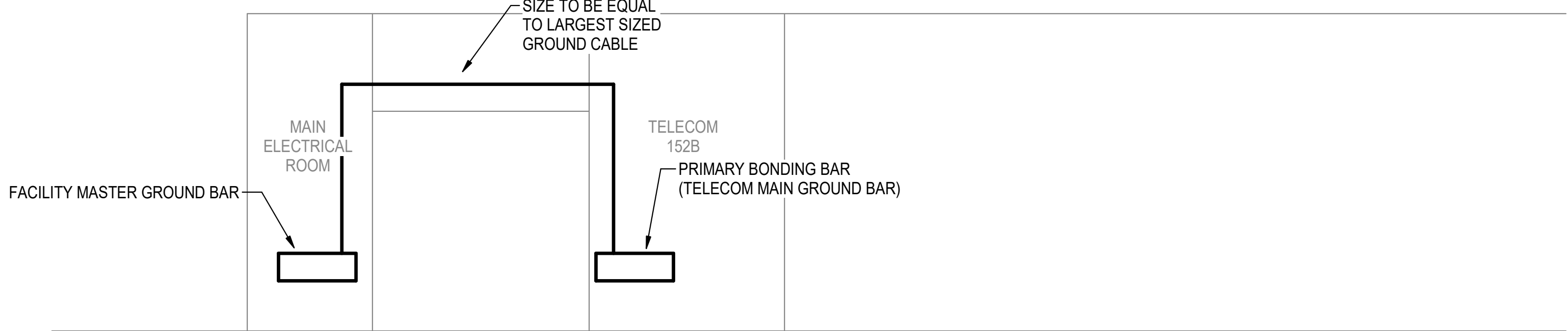


1 TECHNOLOGY OVERALL FLOOR PLAN  
3/32" = 1'-0"

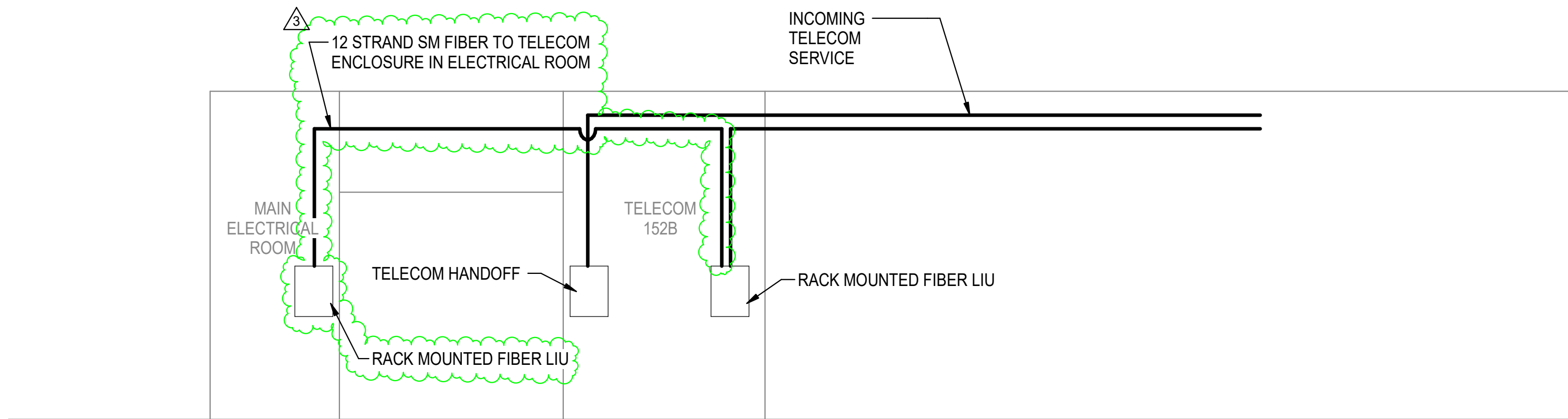




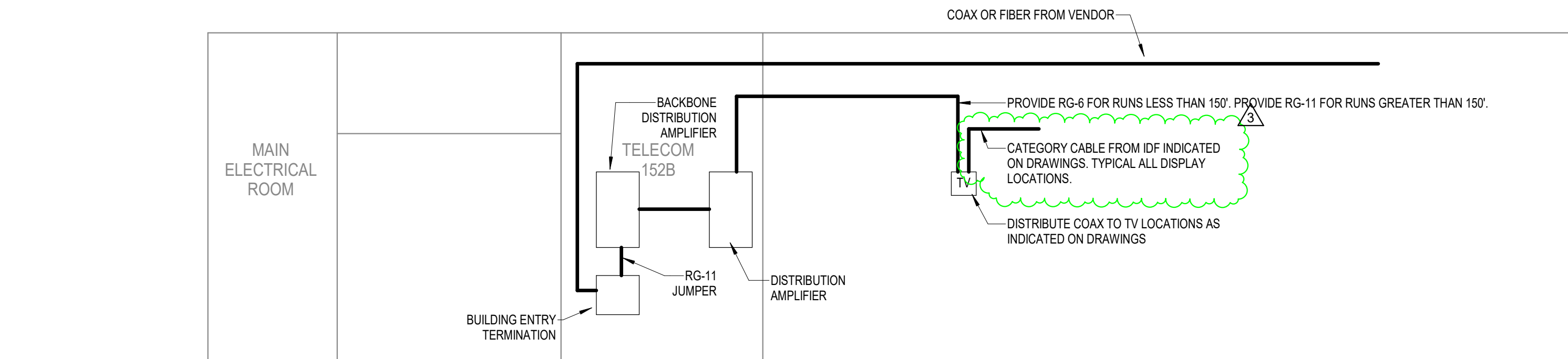
1 PATHWAYS RISER DIAGRAM  
12" = 1'-0"



2 GROUNDING RISER DIAGRAM  
12" = 1'-0"

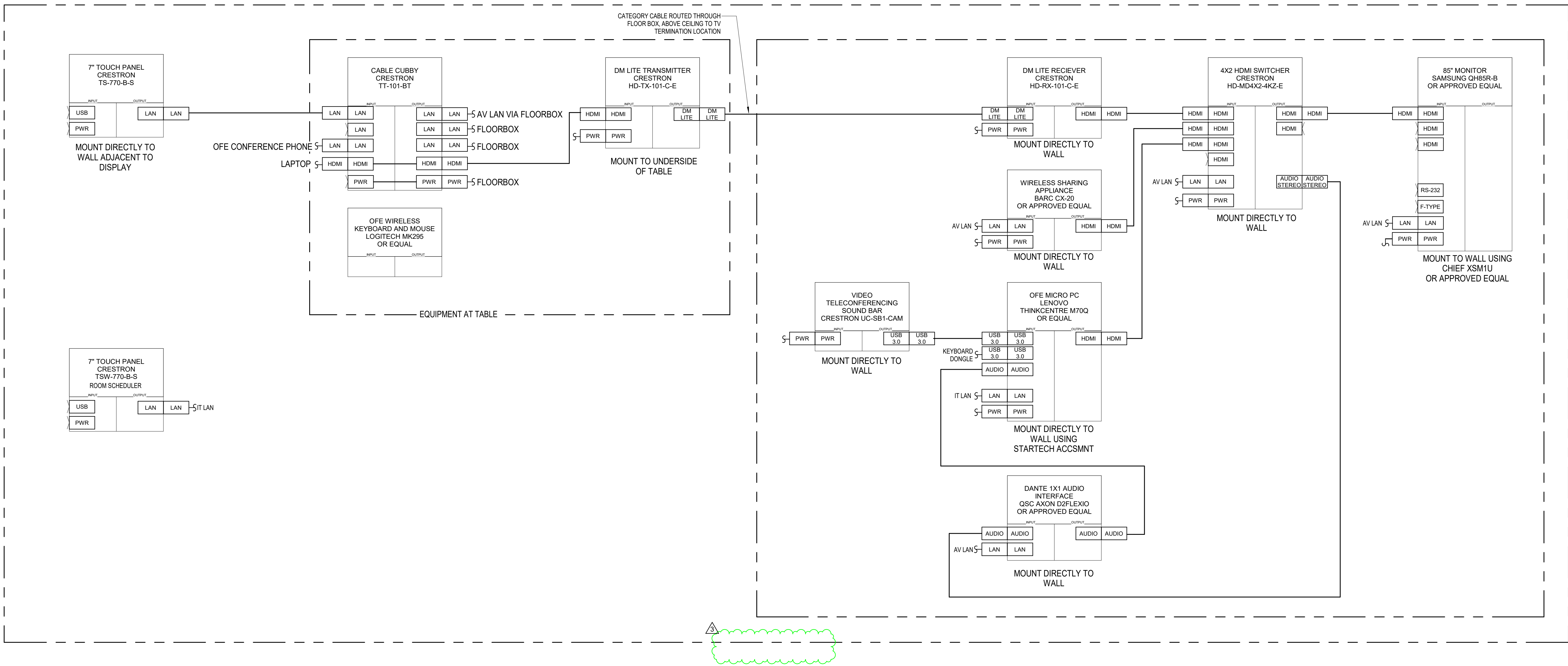
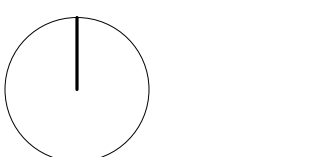


3 BACKBONE RISER DIAGRAM  
12" = 1'-0"



4 COAX RISER DIAGRAM  
12" = 1'-0"





NETWORK CABLE COUNTS				
TL Data Rack ID	Description	T_Data Cables	T_Coax Cables	Family and Type
TELE 152B	CCTV CAMERA LOCATION	48	0	<varsep>
TELE 152B	DATA OUTLET FOR BAS	6	0	TLC T_VD_Telecom Outlet_Wall_Verical: S2 BAS
TELE 152B	POINT OF USE DATA OUTLET	201	0	<varsep>
TELE 152B	TELECOMMUNICATIONS OUTLET, CEILING MOUNTED	6	0	TLC T_VD_Telecom Outlet_Ceiling: S2
TELE 152B	WIRELESS ACCESS POINT	36	0	TLC T_VD_Telecom Outlet_WAP_Ceiling: STANDARD WAP NO ENCLOSURE
		299	0	
RACK 171	CCTV CAMERA LOCATION	14	0	<varsep>
RACK 171	DATA OUTLET FOR BAS	4	0	TLC T_VD_Telecom Outlet_Wall_Verical: S2 BAS
RACK 171	POINT OF USE DATA OUTLET	14	0	TLC T_VD_Telecom Outlet_Wall_Verical: P2
RACK 171	WIRELESS ACCESS POINT	4	0	TLC T_VD_Telecom Outlet_WAP_Ceiling: STANDARD WAP NO ENCLOSURE
		36	0	
GATE ENCLOSURE	CCTV CAMERA LOCATION	2	0	TLC T_SEC_PTZ Camera: AXIS_Fix 5 - Pole Mount
		2	0	
Grand total: 197		337	0	

NETWORK COUNTS SHALL BE VERIFIED BY CONTRACTOR PRIOR TO BID.  
SCHEDULE SHALL NOT BE USED IN LIEU OF TAKE OFFS.

FLAT PANEL DISPLAY SCHEDULE			
T_Display ID	ROOM OR LOCATION	Type Comments	DISPLAY WALL MOUNT
TV-164	BREAK AREA 164	43" DIAG	M: TILTING WALL MOUNT
SB-140	CONFERENCE/TRAINING ROM 140	66" DIAG. SMART BOARD	M: TILTING WALL MOUNT
TV-110	CENTRAL BREAK ROOM 110	55" DIAG	M: TILTING WALL MOUNT
TV-149	PHOTO RM.AJALS 149A	55" DIAG	M: TILTING WALL MOUNT
TV-149B	PHOTO RM.BJALS 149B	55" DIAG	M: TILTING WALL MOUNT

DEVICES PROVIDED AND INSTALLED BY CONTRACTOR

SECURITY CAMERA SCHEDULE					
CAMERA No.	ELEVATION FROM LEVEL	TERMINATION POINT	DESCRIPTION	MODEL	COMMENTS
C001	9'-0"	RACK 171	CCTV CAMERA LOCATION	OFOI	
C002	9'-0"	RACK 171	CCTV CAMERA LOCATION	OFOI	
C003	9'-0"	RACK 171	CCTV CAMERA LOCATION	OFOI	
C004	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C005	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C006	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C007	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C008	9'-0"	RACK 171	CCTV CAMERA LOCATION	OFOI	
C009	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C010	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C011	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C012	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C013	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C014	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C015	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C016	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C017	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C018	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C019	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C020	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C021	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C022	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C023	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C024	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C025	9'-0"	RACK 171	CCTV CAMERA LOCATION	OFOI	
C026	9'-0"	GATE ENCLOSURE	CCTV CAMERA LOCATION	OFOI	
C027	9'-0"	GATE ENCLOSURE	CCTV CAMERA LOCATION	OFOI	
C101	9'-0"	RACK 171	CCTV CAMERA LOCATION	OFOI	
C102	9'-0"	RACK 171	CCTV CAMERA LOCATION	OFOI	
C103	9'-0"	RACK 171	CCTV CAMERA LOCATION	OFOI	
C104	9'-0"	RACK 171	CCTV CAMERA LOCATION	OFOI	
C105	9'-0"	RACK 171	CCTV CAMERA LOCATION	OFOI	
C106	9'-0"	RACK 171	CCTV CAMERA LOCATION	OFOI	
C107	9'-0"	RACK 171	CCTV CAMERA LOCATION	OFOI	
C108	9'-0"	RACK 171	CCTV CAMERA LOCATION	OFOI	
C109	9'-0"	RACK 171	CCTV CAMERA LOCATION	OFOI	
C110	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C111	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C112	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C113	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C114	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C115	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C116	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C117	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C118	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C119	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C120	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C121	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C122	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C123	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C124	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C125	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C126	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C127	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C128	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C129	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C130	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C131	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C132	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C133	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C134	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C135	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C136	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	
C137	9'-0"	TELE 152B	CCTV CAMERA LOCATION	OFOI	

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## STRUCTURAL ASSESMENT INSPECTION & EVALUATION REPORT

---

April 5, 2023

City Of Tampa  
Construction Services  
306 East Jackson Street

RE: COT Evidence Storage & Impound Lot  
5005 N Howard Ave. Tampa, FL 33601  
Structural Assessment of Existing Facility Building

### FACILITY DESCRIPTION AND BACKGROUND INFORMATION

The existing facility building was built around the year 1983 as a warehouse and consists of a single-story building with 19.75' in height, and covers a footprint area of approximately 35,750 sf. It was used as a storage warehouse. The purpose of this evaluation is to verify compliance with current codes available to meet requirements for a risk category II structure.

### STRUCTURAL DESCRIPTION

The building is currently classified as a non-essential building facility, Risk category II.

Based on existing dwg's issued by James B. Sullivan on September 1982 and observations made, structure was built as follows; building roof/diaphragm consist of a 9/16"C type corrugated deck, with 2" of light weight concrete topping and it's supported by 24H8 roof joists spaced at 48" O.C. Roof joists are carried by W steel beams, 6" Ø steel columns and 8" masonry bearing walls in the interior of the building, and masonry bearing wall, concrete tie beams and concrete columns spaced 16ft apart on the exterior of the building. Building is supported by shallow foundations that consist of continuous concrete strip footing to support masonry walls and spread footings for steel columns, foundations were designed not to exceed 2000psf of soil bearing capacity. Interior slab on grade was built as follows; 4" thick concrete slab and 5" thick slab on the loading duck areas. The lateral forces are resisted by exterior and interior masonry shear walls.

### SITE VISIT ASSESMENT OBSERVATIONS

A representative of Masters Consulting Engineering, Inc. performed a site visit of the building noted above, the purpose of the site visit was to evaluate the existing conditions of the structure. The observation was limited to a visual observation of the visible elements, no testing, soil bearing capacity, scanning or destructive means were performed during the visit. In summary the overall structure appears to be in good conditions with minor observations as noted below (See appendix A for photographs)

- Cracks observed on interior and exterior slab on grade at a few locations.
- Masonry wall penetrations at some locations.
- Spalling on exterior slab stairs handrail support at loading dock access.
- Rust found at roof deck to tie beam connections.
- Moisture accumulation on exterior masonry walls at several areas.
- Observed loose bolts at exterior W beam to concrete column connection.



Recommendations: The above observations may not represent a significant risk to the structure, but it is our recommendation provide cleaning and remedial procedures. (See appendix B)

At the roof joist connections to top of concrete tie beams, it was not possible to observe the current condition or connection of the joist seat to embed plate, thus it was assumed that a field welded connection was provided.

No access to the roof was possible to evaluate the existing conditions, by aerial photographs, it can be observed some areas of moisture due to pounding water accumulation.

No visual access to verify roof deck diaphragm connections to roof joists or lap side fasteners, existing dwg's not provided with this information.

## CURRENT CODE COMPLIANCE AND ANALYSIS

An analysis of the structural building was performed to confirm compliance with current codes for a Risk category II building using the following codes and manuals.

- The Florida Building Code (Seventh Edition) 2020, sections 506 and 605
- ACI Standard 318-14 Building code requirements for reinforced concrete.
- Building code requirements for Masonry Structures (TMS 402-16)
- AISC Specifications for the design, fabrication and erection of structural steel for buildings" 360-16 ASD
- ASCE 7-20 "Minimum Design Loads for Buildings and other Structures"
- SJI Steel Joist Institute.

The following wind data was used for the analysis: (See appendix "C")

Basic wind speed 141 mph (Ult.); 109mph (ASD)

Category risk II

Exposure C

Enclosed Classification

Internal Pressure Coefficient:  $\pm 0.18$

Elevation: 27ft

Velocity Design Pressure: 38 psf

The following are the findings, recommendations and requirements:

Masonry wall were analyzed as bearing walls, and frame shear walls to resist lateral loads from diaphragm and were found to be sufficient to withstand forces and comply with minimum requirements. However, as a mean to transfer wind out of plane loads, some of the exterior walls were found insufficient to meet and resist wind out of plane loads in combination with sustained dead loads, due to no reinforcement used in block cells. Walls required to be reinforced with vertical #5 rebar at 48" O.C. Refer to appendix "D" for location of walls to be reinforced.

The steel frames were analyzed using the criteria of the AISC ASD, with the following materials:

W Beams, A36, Fy 36,000psi

HSS Columns pipes, A36, Fy 36,000psi

Bolts A325, Fu 105ksi

Anchor Bolts, F1554, Gr 36, Fy 36ksi

Plates and angles, A36, Fy 36ksi

Joists H series, 50,000psi

Steel beams and columns were found adequate to comply with current codes.

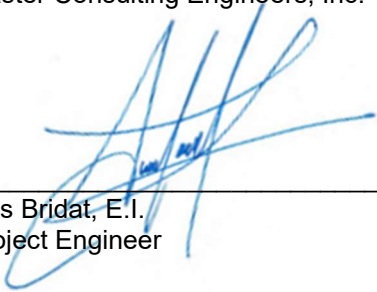
Roof joists were found adequate to sustain gravity loads and design and service level. However no horizontal or x bridging was observed at interior and exterior joists at first panel point. It is required to install a continuous bridging at first panel point at both ends. The minimum weld required to the joist seat and embed plate would be 3/16" x 3" at each joist.

Recommendations and requirements.

- Roof joists require to be provided with horizontal bridging at first panel point bottom chord as specify by the SJI.
- Exterior masonry walls as shown on Appendix "D" required to be reinforced with vertical #5 rebar at 48" O.C. See SSK-001 (Appendix "B")
- Recommend interior slab on grade crack repairs. See SSK-002 (Appendix "B").

Should you have any questions or concerns, don't hesitate to contact

*Respectfully Submitted:*  
Master Consulting Engineers, Inc.



---

Luis Bridat, E.I.  
Project Engineer

# Appendix “A”

**PHOTOGRAPHS:**



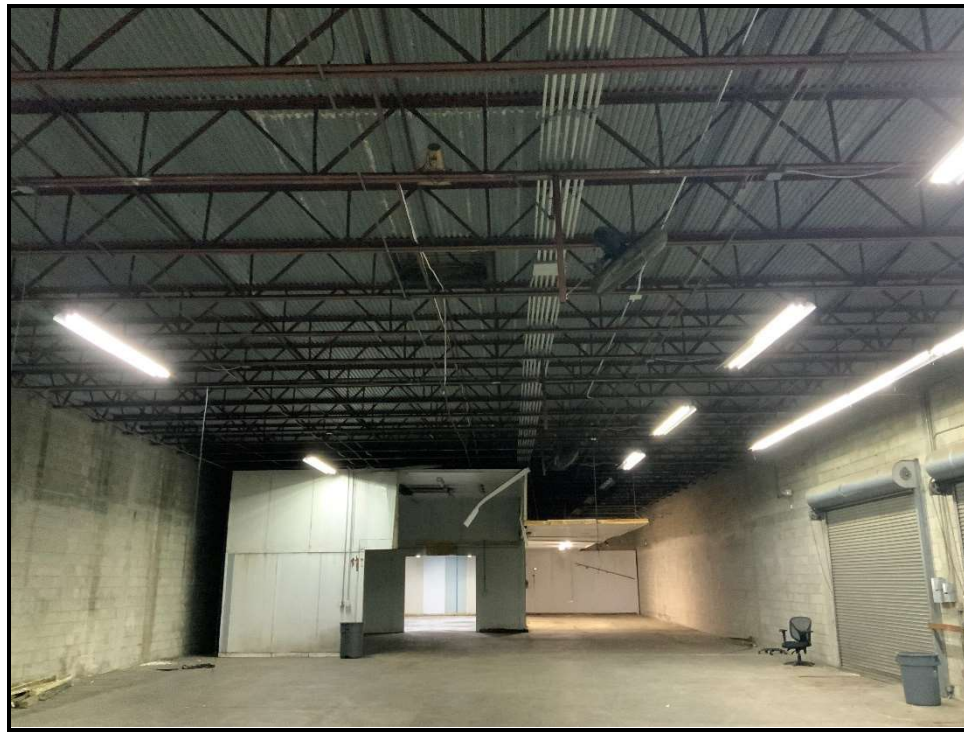
**Photo 1:** Loading dock platform areas



**Photo 2:** Loading dock platform and building access



**PHOTOGRAPHS:**



**Photo 3:** South west wing

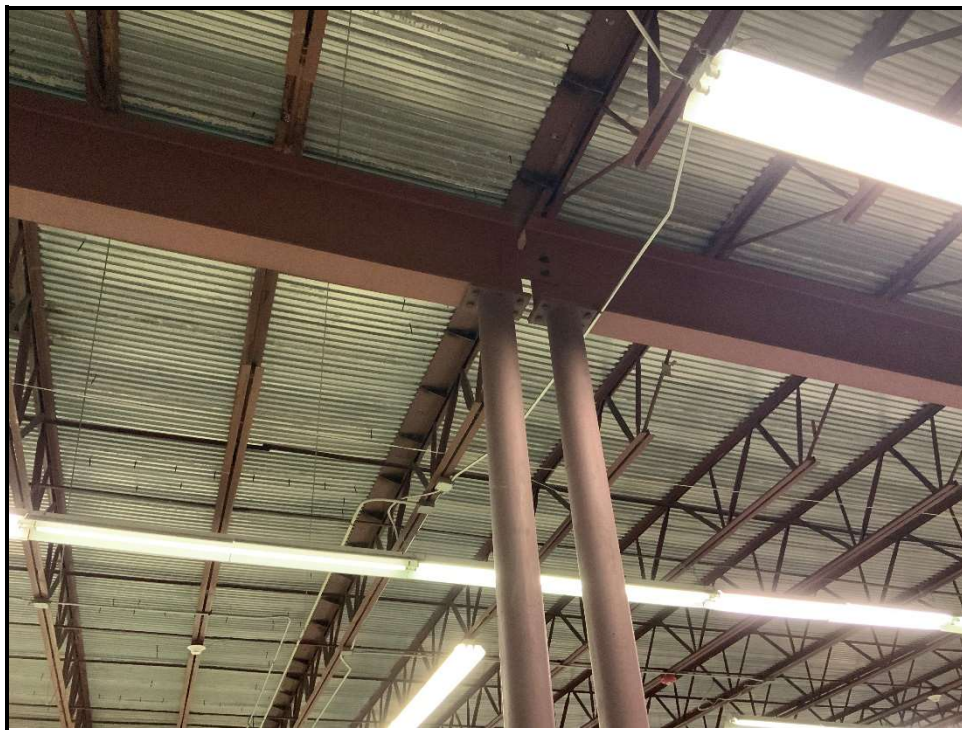


**Photo 4:** South west wing typical roof framing and construction/expansion joint

**PHOTOGRAPHS:**



**Photo 5:** Steel frames placement. 6"Ø steel tube columns and W24 roof beams



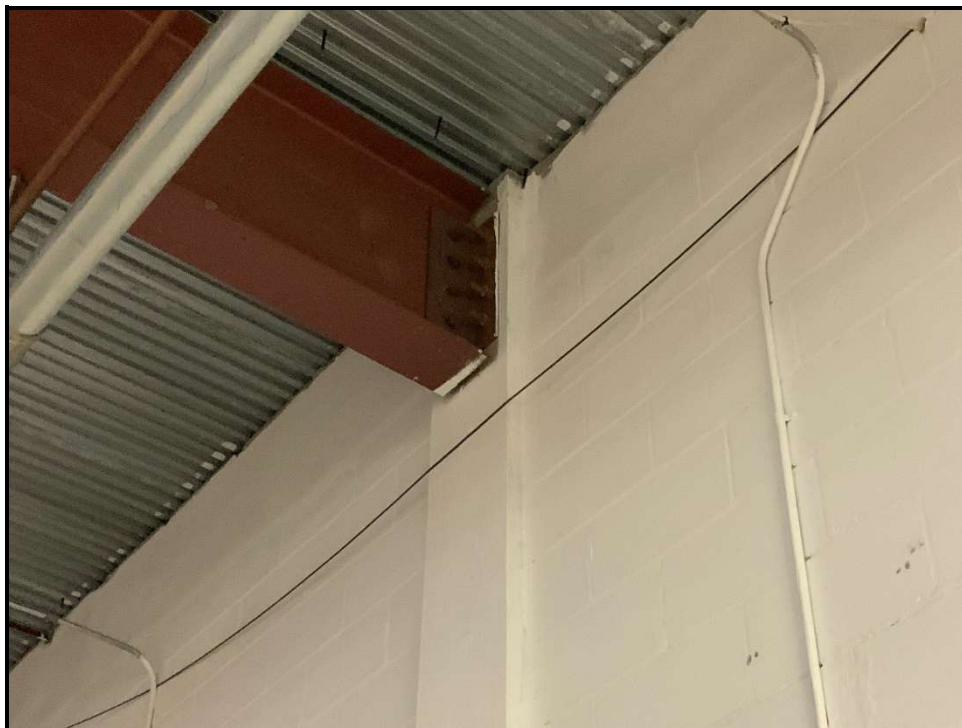
**Photo 6:** Steel frames at construction/expansion joint



**PHOTOGRAPHS:**



**Photo 7:** Typical interior bearing wall arrangement



**Photo 8:** W24 Steel beam to concrete column connection

**PHOTOGRAPHS:**



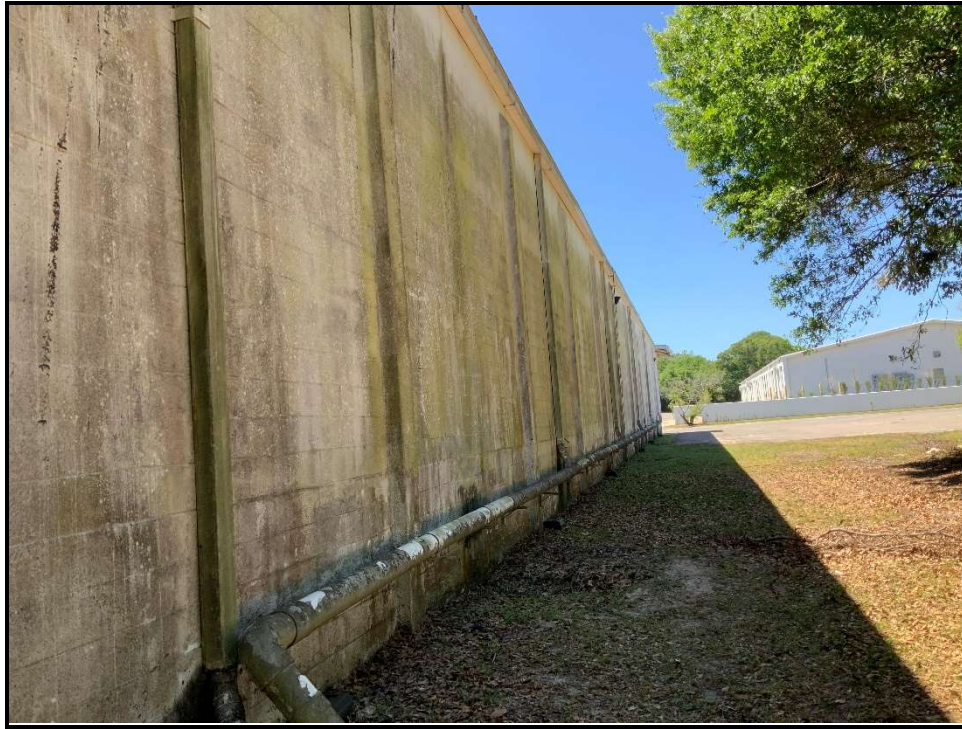
**Photo 9:** Typical roof joist seat at concrete tie beam.



**Photo 10:** West wing north wall partial elevation



**PHOTOGRAPHS:**



**Photo 11:** West wall elevations.



**Photo 12:** South walls elevation

**PHOTOGRAPHS:**



**Photo 13:** East wing north wall elevation



**Photo 14:** Sign of licking and rust



**PHOTOGRAPHS:**



**Photo 13:** Concrete column spalling



**Photo 14:** Concrete column spalling



**PHOTOGRAPHS:**

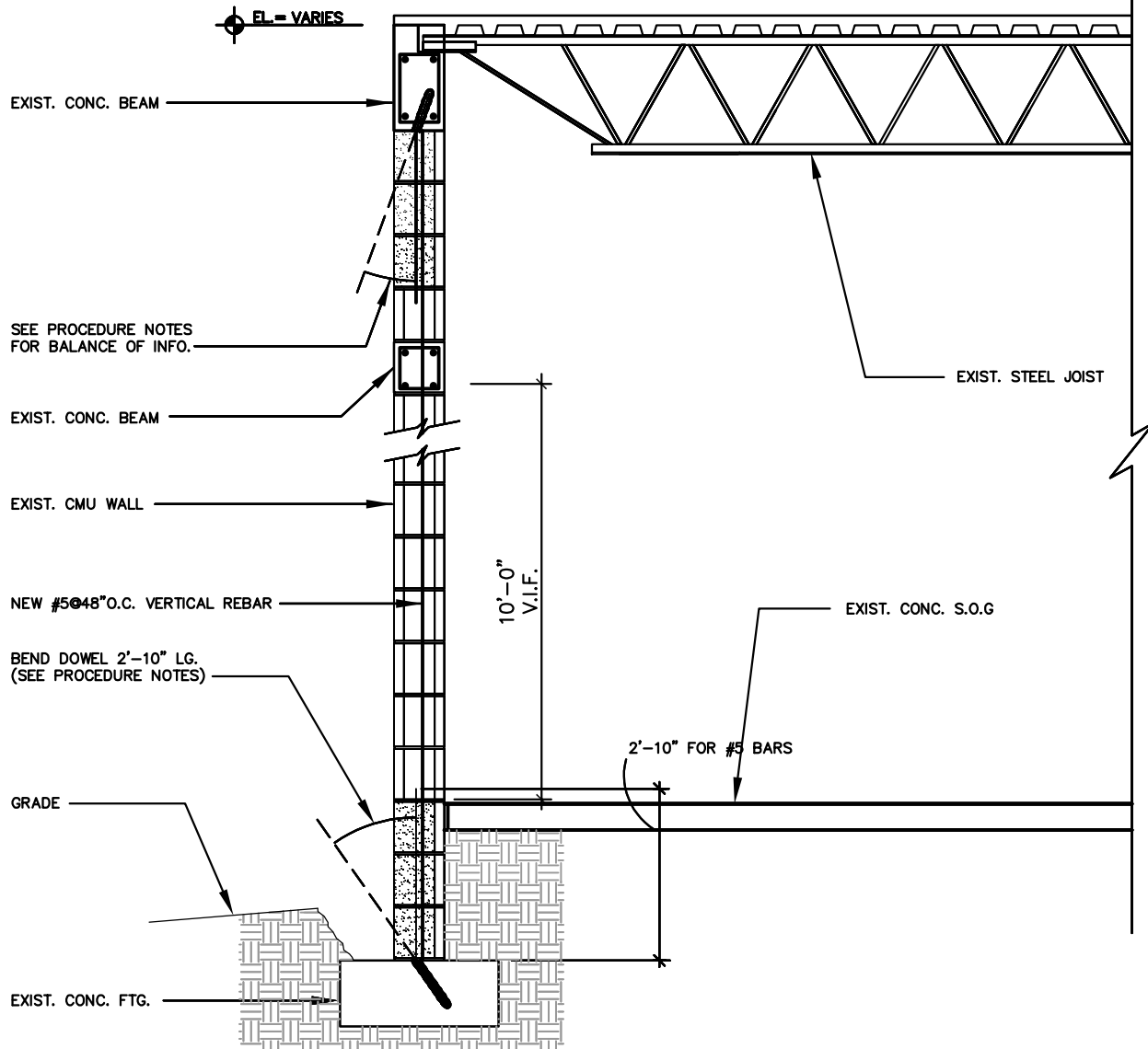


**Photo 13:** Typical slab on grade cracks



**Photo 14:** Loos bolt at frame connection

# Appendix “B”



## STRENGTHENING WALL DETAIL

SCALE: N/A

### PROCEDURE NOTES FOR SECTION W2:

1. DIG EXTERIOR OF BUILDING TO EXPOSE EXISTING FOUNDATION.
2. LAYOUT THE ADDED BARS LOCATION AS SHOWN ON PLAN
3. BREAK THE EXTERIOR FACE OF CMU WALL TO INSTALL DOWEL (REBAR). DRILL & EPOXY DOWEL (REBAR) INTO EXISTING FOOTING (8" MIN. EMBED.) BEND BAR INTO THE CELL SPACING. (REPEAT PROCEDURE ON THE TOP UNDER TIE BEAM.
4. ON TOP OF THE WALL BREAK EXTERIOR FACE OF CMU WALL AS NEEDED TO INSTALL THE NEW ADDED VERTICAL REBAR.
5. FORM ALL OPENINGS DONE TO THE EXTERIOR WALL UP TO THE TOP ONE UNDER THE TIE BEAM. FILL CELLS WITH 3000 PSI CONCRETE.
6. AFTER CONCRETE REACH 75% OF ITS DESIGN STRENGTH, DRY PACK THE TOP CELL WITH NON-SHRINKAGE, NON-METALIC GROUT WITH A MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI.



5523 WEST CYPRESS ST., #200  
TAMPA, FLORIDA 33607  
813.287.3600 FAX 813.287.3622  
www.mcengineers.com  
EB: 8426

SUBJECT: EXTERIOR WALL BRACING

CLIENT: CITY OF TAMPA

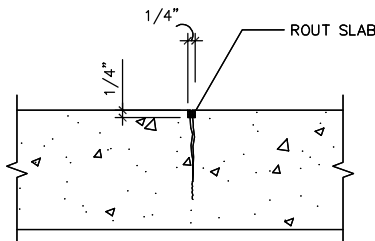
PROJECT: COT TPD BUILDING ASSESMENT

SHEET NO. SSK-001

JOB NO: 3230.001.11

DATE: 4/10/2023

DES. BY: LB



**CRACKS TYPE I**  
(20 MILLS TO 1/4")

**SURFACE PREPARATION:**

1. VEE NOTCH THE SURFACE OF THE CRACK WITH A MECHANICAL ROUTER OR HAND CHIPPING TOOL TO A MAXIMUM WIDTH OF A 1/4". REMOVE LOOSE DEBRIS.
2. REMOVE ALL DUST, LAITANCE, GREASE, CURING COMPOUND, WAXES, IMPREGNATION'S, FOREIGN PARTICLES, EFFLORESCENCE AND OTHER BOND INHIBITING MATERIALS FROM THE SURFACE BY MECHANICAL MEANS, I.E. - SANDBLASTING, HIGH PRESSURE WATER BLASTING, ETC., AS APPROVED BY ENGINEER.
3. SEAL UNDERSIDE OF SLAB IF CRACKS REFLECT THROUGH WITH AN EPOXY GEL.

**REPAIR PROCEDURE:**

**SIKA PRODUCTS:**

1. POUR NEAT SIKADUR 35 HI-MOD LV EPOXY RESIN ADHESIVE INTO VEE NOTCHED CRACK. REPLENISH THE RESERVOIR WITH THE MIXED EPOXY RESIN ADHESIVE UNTIL CRACKS HAVE BEEN COMPLETELY FILLED.
2. IF PENETRATION OF ANY CRACK IS IMPOSSIBLE, CONSULT THE ENGINEER.

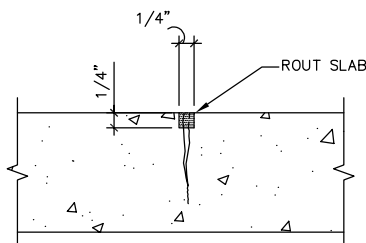
**STO PRODUCTS:**

1. POUR NEAT STO EPOXY BINDER CR633 INTO VEE NOTCHED CRACK. REPLENISH THE RESERVOIR WITH THE MIXED EPOXY RESIN ADHESIVE UNTIL CRACKS HAVE BEEN COMPLETELY FILLED.
2. IF PENETRATION OF ANY CRACK IS IMPOSSIBLE, CONSULT THE ENGINEER.

**TYPICAL SECTION – CRACK TYPE 1 (20 MILLS TO 1/4")**

SCALE: N/A

9-004



**CRACKS TYPE II**  
(1/4" OR GREATER)

**SURFACE PREPARATION:**

1. VEE NOTCH THE SURFACE OF THE CRACK WITH A MECHANICAL ROUTER OR HAND CHIPPING TOOL TO A MAXIMUM WIDTH OF A 1/2". REMOVE LOOSE DEBRIS.
2. REMOVE ALL DUST, LAITANCE, GREASE, CURING COMPOUND, WAXES, IMPREGNATION'S, FOREIGN PARTICLES, EFFLORESCENCE AND OTHER BOND INHIBITING MATERIALS FROM THE SURFACE BY MECHANICAL MEANS, I.E. - SANDBLASTING, HIGH PRESSURE WATER BLASTING, ETC., AS APPROVED BY ENGINEER.
3. SEAL UNDERSIDE OF SLAB IF CRACKS REFLECT THROUGH.

**REPAIR PROCEDURE:**

**SIKA PRODUCTS:**

1. PRIOR TO PRODUCT APPLICATION SUBSTRATE SHOULD BE SATURATED SURFACE DRY (SSD) WITH NO STANDING WATER.
2. POUR NEAT SIKATOP 111 INTO VEE NOTCHED CRACK. CONTINUE PLACEMENT UNTIL CRACK IS COMPLETELY FILLED.
3. IF PENETRATION OF ANY CRACK IS IMPOSSIBLE, CONSULT THE ENGINEER.

**STO PRODUCTS:**

1. FILL CRACK WITH OVEN-DRIED SAND PRIOR TO THE APPLICATION OF THE STO EPOXY BINDER.
2. POUR NEAT STO EPOXY BINDER CR633 INTO VEE NOTCHED CRACK. REPLENISH THE RESERVOIR WITH THE MIXED EPOXY RESIN ADHESIVE UNTIL CRACKS HAVE BEEN COMPLETELY FILLED.
3. IF PENETRATION OF ANY CRACK IS IMPOSSIBLE, CONSULT THE ENGINEER.

**TYPICAL SECTION – CRACK TYPE II (1/4" OR GREATER)**

SCALE: N/A

9-005



**MASTER  
CONSULTING  
ENGINEERS, INC.**

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813.287.3600 FAX 813.287.3622  
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EB: 8426

SUBJECT: CRACK REPAIR

CLIENT: CITY OF TAMPA

PROJECT: COT TPD BUILDING ASSESMENT

SHEET NO. SSK-002

DATE: 4/10/2023

JOB NO: 3230.001.11

DES. BY: LB

# Appendix “C”



⚠ This is a beta release of the new ATC Hazards by Location website. Please [contact us](#) with feedback.

ℹ The ATC Hazards by Location website will not be updated to support ASCE 7-22. [Find out why.](#)

ATC

Hazards by Location

Search Information

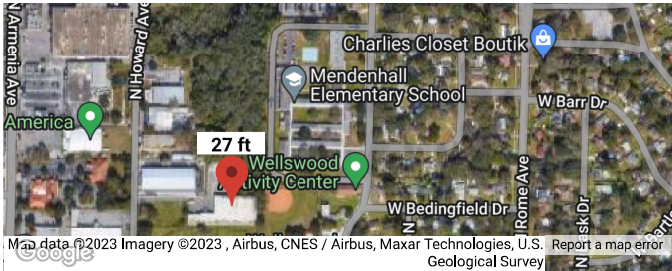
Address: 5005 N Howard Ave, Tampa, FL 33603, USA

Coordinates: 27.9921893, -82.4809619

Elevation: 27 ft

Timestamp: 2023-03-30T19:56:24.140Z

Hazard Type: Wind



ASCE 7-16

MRI 10-Year ----- 79 mph

MRI 25-Year ----- 93 mph

MRI 50-Year ----- 105 mph

MRI 100-Year ----- 116 mph

Risk Category I ----- ⚠ 131 mph

You are in a wind-borne debris region if you are also within 1 mile of the coastal mean high water line.

Risk Category II ----- ⚠ 141 mph

You are in a wind-borne debris region.

Risk Category III ----- ⚠ 150 mph

If the structure under consideration is a healthcare facility and you are also within 1 mile of the coastal mean high water line, you are in a wind-borne debris region. If other occupancy, use the Risk Category II basic wind speed contours to determine if you are in a wind-borne debris region.

Risk Category IV ----- ⚠ 154 mph

You are in a wind-borne debris region.

ASCE 7-10

MRI 10-Year ----- 79 mph

MRI 25-Year ----- 94 mph

MRI 50-Year ----- 105 mph

MRI 100-Year ----- 116 mph

Risk Category I ----- ⚠ 131 mph

You are in a wind-borne debris region if you are also within 1 mile of the coastal mean high water line.

Risk Category II ----- ⚠ 141 mph

You are in a wind-borne debris region.

Risk Category III-IV ----- ⚠ 150 mph

If the structure under consideration is a healthcare facility and you are also within 1 mile of the coastal mean high water line, you are in a wind-borne debris region. If other occupancy, use the Risk Category II basic wind speed contours to determine if you are in a wind-borne debris region.

ASCE 7-05

ASCE 7-05 Wind Speed ----- ⚠ 116 mph

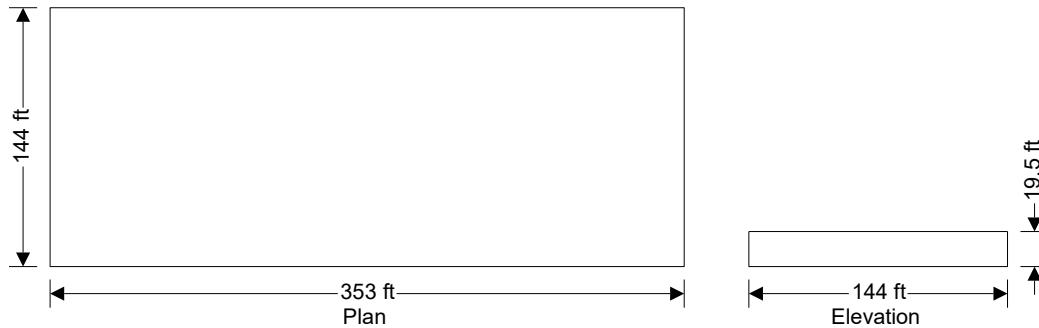
You are in a wind-borne debris region if you are also within 1 mile of the coastal mean high water line.

## WIND LOADING

In accordance with ASCE7-16

Using the envelope design method

Tedds calculation version 2.1.13



### Building data

Type of roof	Flat
Length of building	b = <b>353.00</b> ft
Width of building	d = <b>144.00</b> ft
Height to eaves	H = <b>19.50</b> ft
Mean height	h = <b>19.50</b> ft
End zone width	a = max(min(0.1×min(b, d), 0.4×h), 0.04×min(b, d), 3ft) = <b>7.80</b> ft
Plan length of Zone 2/2E when GC <sub>pf</sub> negative	L <sub>z2</sub> = min(0.5 × d, 2.5 × H) = <b>48.75</b> ft
Plan length of Zone 3/3E encroachment on zone 2	L <sub>z3</sub> = max(0 ft, 0.5 × d - L <sub>z2</sub> ) = <b>23.25</b> ft

### General wind load requirements

Basic wind speed	V = <b>141.0</b> mph
Risk category	II
Velocity pressure exponent coef (Table 26.6-1)	K <sub>d</sub> = <b>0.85</b>
Ground elevation above sea level	Z <sub>gl</sub> = <b>27</b> ft
Ground elevation factor	K <sub>e</sub> = exp(-0.0000362 × Z <sub>gl</sub> /1ft) = <b>1.00</b>
Exposure category (cl 26.7.3)	C
Enclosure classification (cl.26.12)	Enclosed buildings
Internal pressure coef +ve (Table 26.13-1)	GC <sub>pi_p</sub> = <b>0.18</b>
Internal pressure coef -ve (Table 26.13-1)	GC <sub>pi_n</sub> = <b>-0.18</b>

### Topography

Topography factor not significant	K <sub>zt</sub> = 1.0
-----------------------------------	-----------------------

### Velocity pressure

Velocity pressure coefficient (Table 26.10-1)	K <sub>z</sub> = <b>0.90</b>
Velocity pressure	q <sub>h</sub> = 0.00256 × K <sub>z</sub> × K <sub>zt</sub> × K <sub>d</sub> × K <sub>e</sub> × V <sup>2</sup> × 1psf/mph <sup>2</sup> = <b>38.7</b> psf

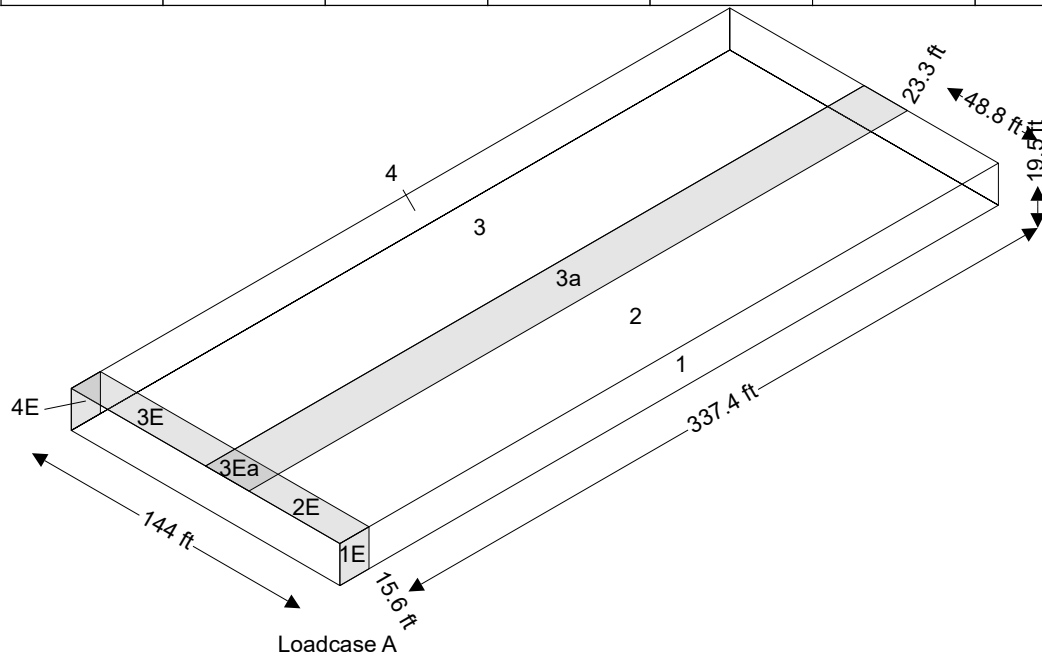
### Design wind pressures

Design wind pressure equation	p = q <sub>h</sub> × [(GC <sub>pf</sub> ) - (GC <sub>pi</sub> )]
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### Design wind pressures – Loadcase A

Zone	GC <sub>pf</sub>	p <sub>(+GC<sub>pi</sub>)</sub> (psf)	p <sub>(-GC<sub>pi</sub>)</sub> (psf)	Area (ft <sup>2</sup> )	+F <sub>wi</sub> (kips)	-F <sub>wi</sub> (kips)
------	------------------	---------------------------------------	---------------------------------------	-------------------------	-------------------------	-------------------------

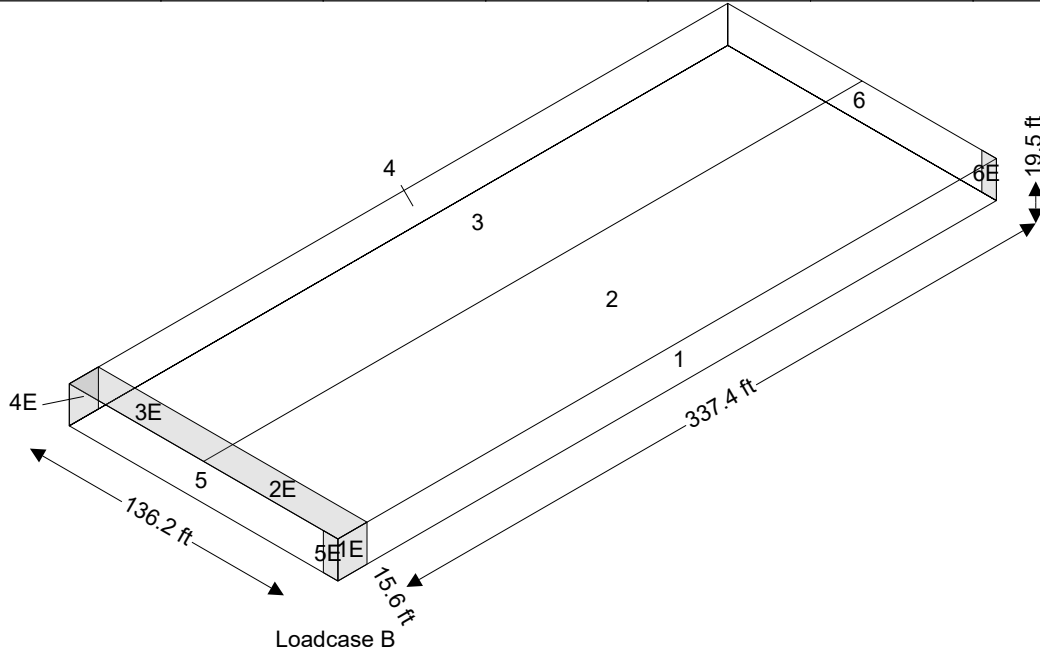
1	0.40	8.5	22.4	6579	56.0	147.6
2	-0.69	-33.7	-19.7	16448	-553.5	-324.5
3a	-0.37	-21.3	-7.3	7845	-166.9	-57.7
3	-0.37	-21.3	-7.3	24293	-516.8	-178.5
4	-0.29	-18.2	-4.3	6579	-119.6	-28.0
1E	0.61	16.6	30.6	304	5.1	9.3
2E	-1.07	-48.4	-34.4	760	-36.8	-26.2
3Ea	-0.53	-27.5	-13.5	363	-10.0	-4.9
3E	-0.53	-27.5	-13.5	1123	-30.8	-15.2
4E	-0.43	-23.6	-9.7	304	-7.2	-2.9



### Design wind pressures – Loadcase B

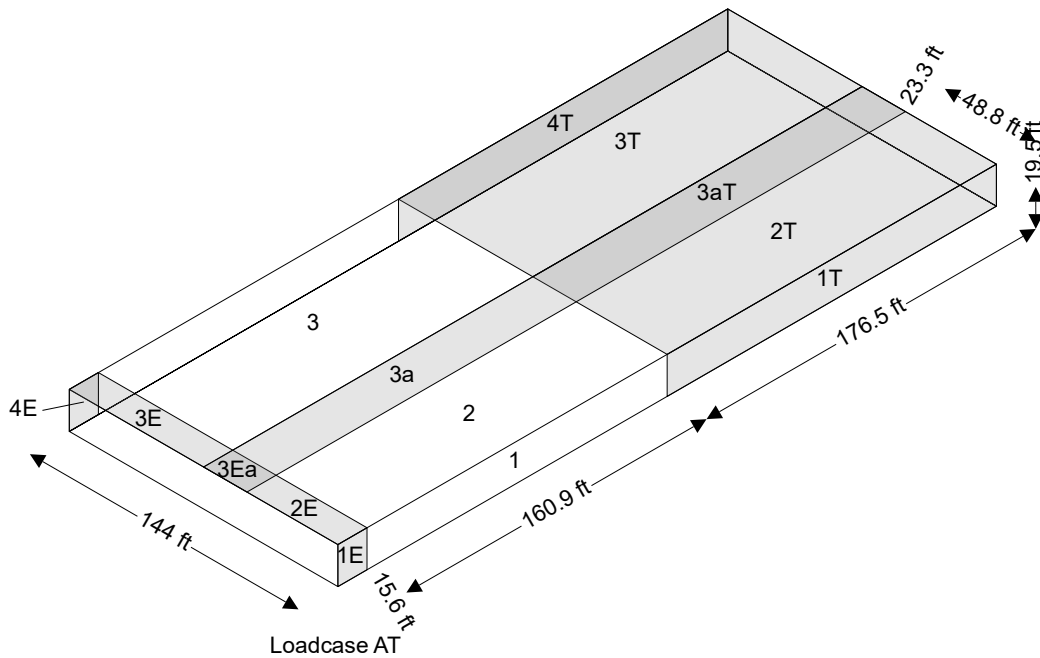
Zone	GC <sub>pf</sub>	p(+GC <sub>pi</sub> ) (psf)	p(-GC <sub>pi</sub> ) (psf)	Area (ft <sup>2</sup> )	+F <sub>wi</sub> (kips)	-F <sub>wi</sub> (kips)
1	-0.45	-24.4	-10.4	6579	-160.3	-68.7
2	-0.69	-33.7	-19.7	24293	-817.5	-479.2
3	-0.37	-21.3	-7.3	24293	-516.8	-178.5
4	-0.45	-24.4	-10.4	6579	-160.3	-68.7
5	0.40	8.5	22.4	2656	22.6	59.6
6	-0.29	-18.2	-4.3	2656	-48.3	-11.3
1E	-0.48	-25.5	-11.6	304	-7.8	-3.5
2E	-1.07	-48.4	-34.4	1123	-54.3	-38.7
3E	-0.53	-27.5	-13.5	1123	-30.8	-15.2

4E	-0.48	-25.5	-11.6	304	-7.8	-3.5
5E	0.61	16.6	30.6	152	2.5	4.6
6E	-0.43	-23.6	-9.7	152	-3.6	-1.5

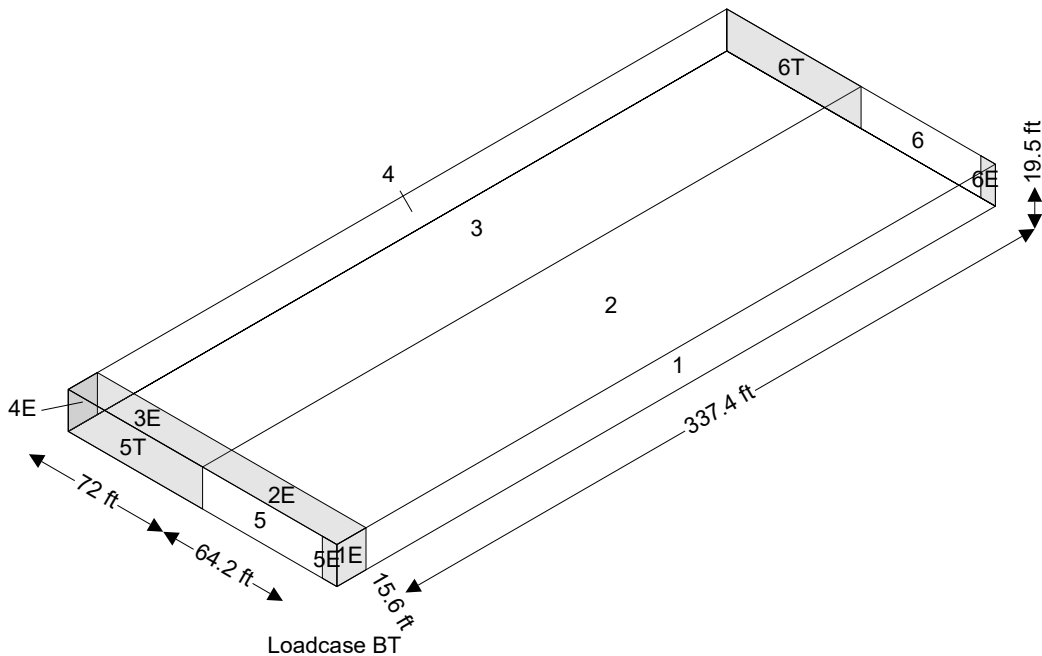

**Design wind pressures – Loadcase AT**

Zone	GC <sub>pf</sub>	p(+GC <sub>pl</sub> ) (psf)	p(-GC <sub>pl</sub> ) (psf)	Area (ft <sup>2</sup> )	+F <sub>wi</sub> (kips)	-F <sub>wi</sub> (kips)
1	0.40	8.5	22.4	3138	26.7	70.4
2	-0.69	-33.7	-19.7	7844	-264.0	-154.7
3a	-0.37	-21.3	-7.3	3741	-79.6	-27.5
3	-0.37	-21.3	-7.3	11585	-246.5	-85.1
4	-0.29	-18.2	-4.3	3138	-57.0	-13.3
1E	0.61	16.6	30.6	304	5.1	9.3
2E	-1.07	-48.4	-34.4	760	-36.8	-26.2
3Ea	-0.53	-27.5	-13.5	363	-10.0	-4.9
3E	-0.53	-27.5	-13.5	1123	-30.8	-15.2
4E	-0.43	-23.6	-9.7	304	-7.2	-2.9
1T	-	2.1	5.6	3442	7.3	19.3
2T	-	-8.4	-4.9	8604	-72.4	-42.4
3Ta	-0.09	-10.5	3.4	4104	-43.3	13.9
3T	-	-5.3	-1.8	12708	-67.6	-23.3
4T	-	-4.5	-1.1	3442	-15.6	-3.7




**Design wind pressures – Loadcase BT**

Zone	GC <sub>pf</sub>	p(+GC <sub>pi</sub> ) (psf)	p(-GC <sub>pi</sub> ) (psf)	Area (ft <sup>2</sup> )	+F <sub>wi</sub> (kips)	-F <sub>wi</sub> (kips)
1	-0.45	-24.4	-10.4	6579	-160.3	-68.7
2	-0.69	-33.7	-19.7	24293	-817.5	-479.2
3	-0.37	-21.3	-7.3	24293	-516.8	-178.5
4	-0.45	-24.4	-10.4	6579	-160.3	-68.7
5	0.40	8.5	22.4	1328	11.3	29.8
6	-0.29	-18.2	-4.3	1328	-24.1	-5.7
1E	-0.48	-25.5	-11.6	304	-7.8	-3.5
2E	-1.07	-48.4	-34.4	1123	-54.3	-38.7
3E	-0.53	-27.5	-13.5	1123	-30.8	-15.2
4E	-0.48	-25.5	-11.6	304	-7.8	-3.5
5E	0.61	16.6	30.6	76	1.3	2.3
6E	-0.43	-23.6	-9.7	152	-3.6	-1.5
5T	-	2.1	5.6	1404	3.0	7.9
6T	-	-4.5	-1.1	1404	-6.4	-1.5





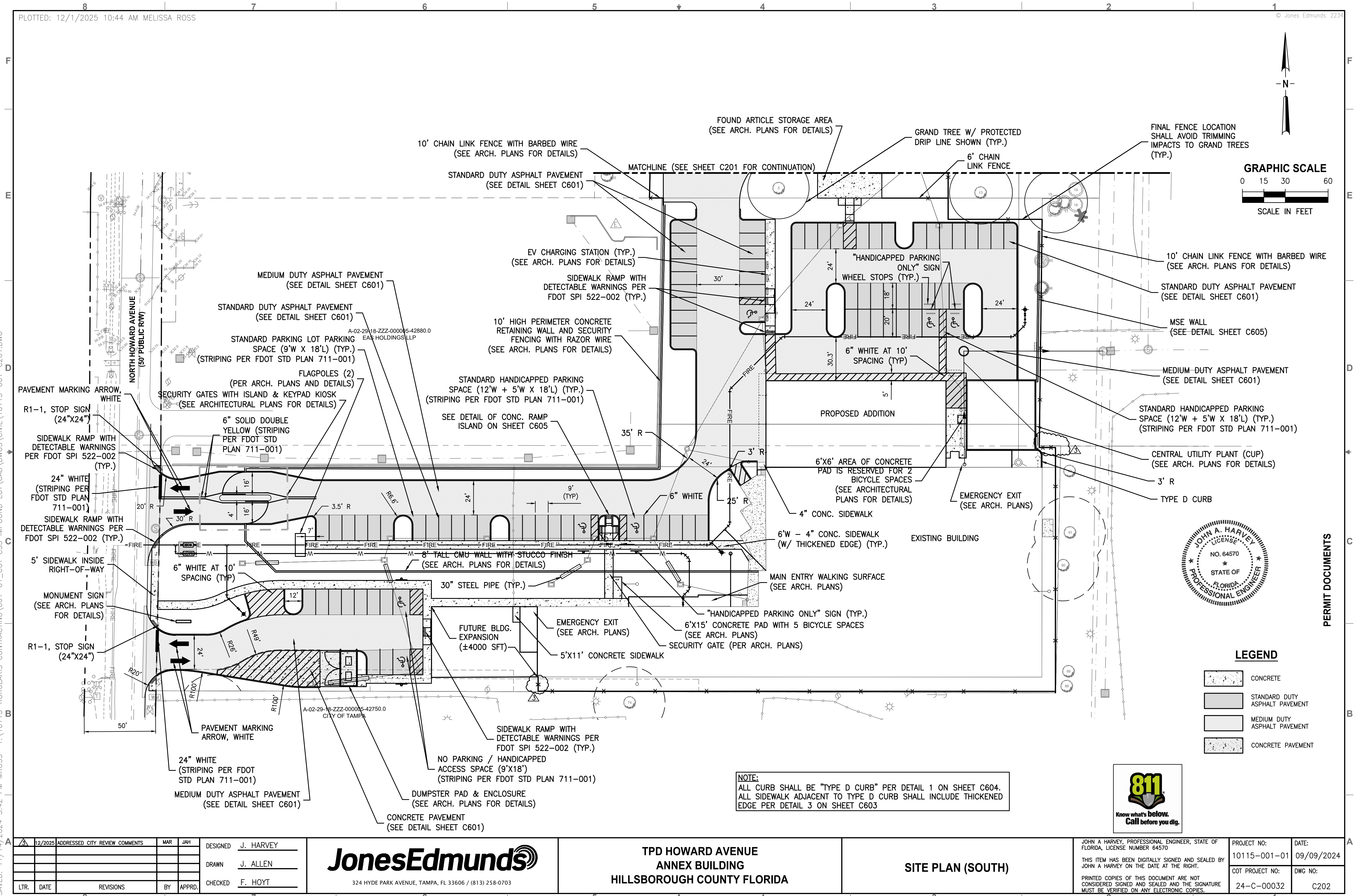
DENOTES MASONRY WALLS TO BE  
REINFORCED WITH #5 @ 48"O.C.



SAVED: 11/14/2024 3:42 PM MROSS Y:\10115-KOKOLAKIS CONTRACTING\001-01\_COT\_C35 IMPOUND LOT\CAD\DWGS\CIVIL\10115-001-C201.DWG

PLOTTED: 12/1/2025 10:44 AM MELISSA ROSS

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3	12/2025	ADDRESSED	CITY REVIEW	COMMENTS	MAR	JAH
LTR.	DATE	REVISIONS			BY	APPRD.

DESIGNED	J. HARVEY
DRAWN	J. ALLEN
CHECKED	F. HOYT

**JonesEdmunds**  
324 HYDE PARK AVENUE, TAMPA, FL 33606 / (813) 258-0703

TPD HOWARD AVENUE  
ANNEX BUILDING  
HILLSBOROUGH COUNTY FLORIDA

SITE PLAN (SOUTH)

JOHN A HARVEY, PROFESSIONAL ENGINEER, STATE OF FLORIDA, LICENSE NUMBER 64570  
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JOHN A HARVEY ON THE DATE AT THE RIGHT.  
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PROJECT NO:	10115-001-01	DATE:	09/09/2024
COT PROJECT NO:	24-C-00032	DWG NO:	C202

PERMIT DOCUMENTS



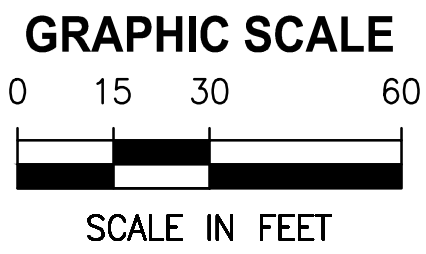
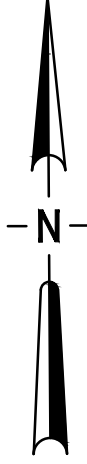
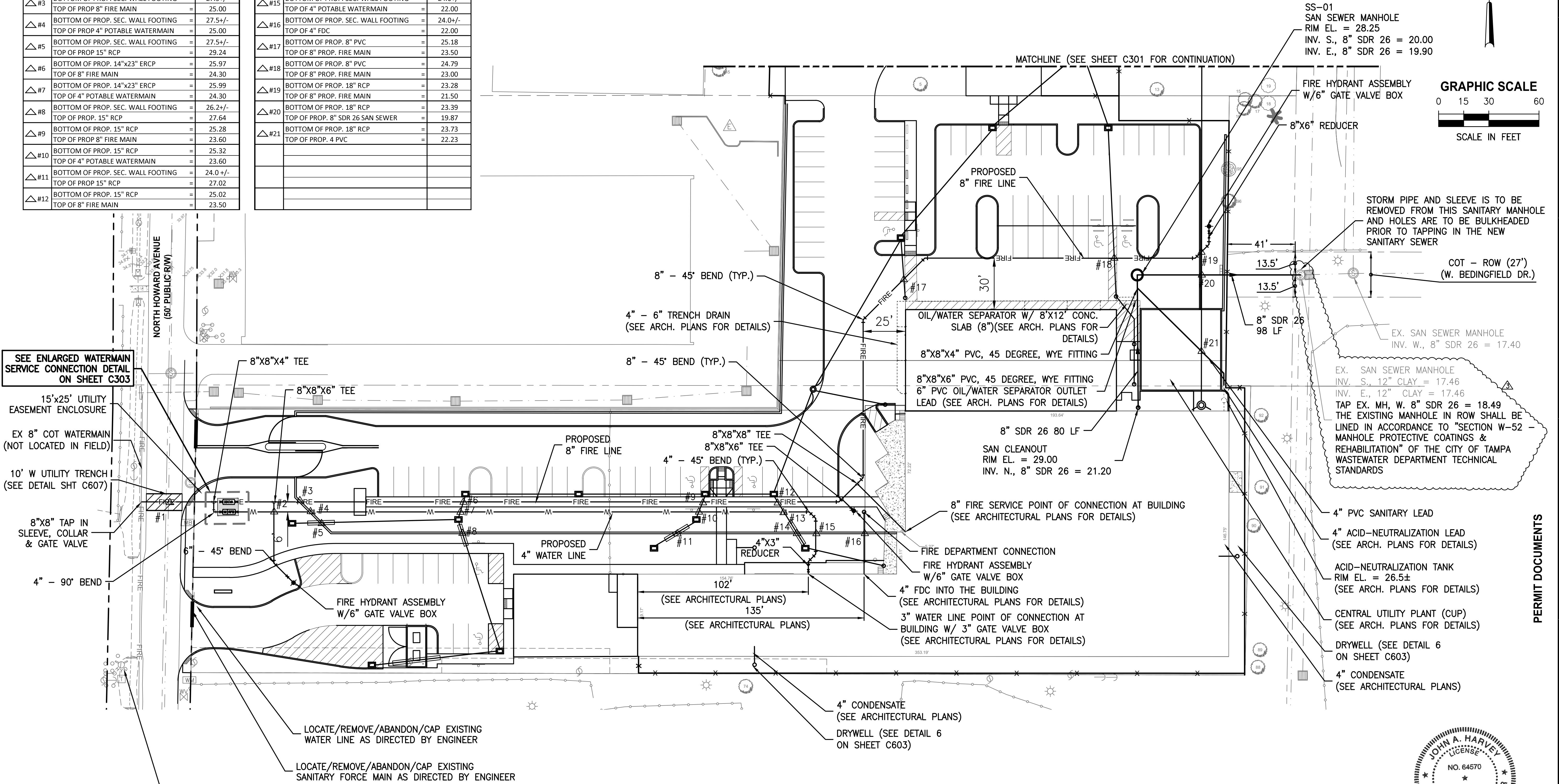
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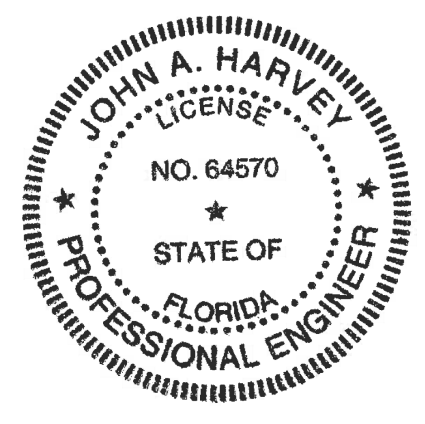
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UTILITY CONFLICT TABLE*		
LOC. I.D.	UTILITY TYPE	ELEV.
△ #1	BOTTOM OF EX. 8" CLAY SAN. SEWER	= 28.8+/-
	TOP OF PROP. 8" WATERMAIN	= 27.50
△ #2	BOTTOM OF PROP. 8" FIREMAIN	= 27.00
	TOP OF PROP 4" POTABLE WATERMAIN	= 25.50
△ #3	BOTTOM OF PROP. SEC. WALL FOOTING	= 27.5+/-
	TOP OF PROP 8" FIRE MAIN	= 25.00
△ #4	BOTTOM OF PROP. SEC. WALL FOOTING	= 27.5+/-
	TOP OF PROP 4" POTABLE WATERMAIN	= 25.00
△ #5	BOTTOM OF PROP. SEC. WALL FOOTING	= 27.5+/-
	TOP OF PROP 15" RCP	= 29.24
△ #6	BOTTOM OF PROP. 14"x23" ERCP	= 25.97
	TOP OF 8" FIRE MAIN	= 24.30
△ #7	BOTTOM OF PROP. 14"x23" ERCP	= 25.99
	TOP OF 4" POTABLE WATERMAIN	= 24.30
△ #8	BOTTOM OF PROP. SEC. WALL FOOTING	= 26.2+/-
	TOP OF PROP. 15" RCP	= 27.64
△ #9	BOTTOM OF PROP. 15" RCP	= 25.28
	TOP OF PROP 8" FIRE MAIN	= 23.60
△ #10	BOTTOM OF PROP. 15" RCP	= 25.32
	TOP OF 4" POTABLE WATERMAIN	= 23.60
△ #11	BOTTOM OF PROP. SEC. WALL FOOTING	= 24.0 +/-
	TOP OF PROP 15" RCP	= 27.02
△ #12	BOTTOM OF PROP. 15" RCP	= 25.02
	TOP OF 8" FIRE MAIN	= 23.50

UTILITY CONFLICT TABLE*		
LOC. I.D.	UTILITY TYPE	ELEV.
△ #13	BOTTOM OF PROP. 15" RCP	= 25.05
	TOP OF 4" POTABLE WATERMAIN	= 23.50
△ #14	BOTTOM OF PROP. SEC. WALL FOOTING	= 25.0+/-
	TOP OF PROP 15" RCP	= 26.61
△ #15	BOTTOM OF PROP. SEC. WALL FOOTING	= 24.0+/-
	TOP OF 4" POTABLE WATERMAIN	= 22.00
△ #16	BOTTOM OF PROP. SEC. WALL FOOTING	= 24.0+/-
	TOP OF 4" FDC	= 22.00
△ #17	BOTTOM OF PROP. 8" PVC	= 25.18
	TOP OF 8" PROP. FIRE MAIN	= 23.50
△ #18	BOTTOM OF PROP. 8" PVC	= 24.79
	TOP OF 8" PROP. FIRE MAIN	= 23.00
△ #19	BOTTOM OF PROP. 18" RCP	= 23.28
	TOP OF 8" PROP. FIRE MAIN	= 21.50
△ #20	BOTTOM OF PROP. 18" RCP	= 23.39
	TOP OF PROP. 8" SDR 26 SAN SEWER	= 19.87
△ #21	BOTTOM OF PROP. 18" RCP	= 23.73
	TOP OF PROP. 4" PVC	= 22.23



NOTE:  
SEE NOTE SHEET (SHT G103)  
AND UTILITY DETAILS (SHT C303)  
FOR NOTES RELATING TO UTILITIES



LTR.	DATE	REVISIONS	BY	APPRD.

DESIGNED	J. HARVEY
DRAWN	J. ALLEN
CHECKED	F. HOYT

**JonesEdmunds**

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TPD HOWARD AVENUE  
ANNEX BUILDING  
HILLSBOROUGH COUNTY FLORIDA

UTILITY PLAN (SOUTH)

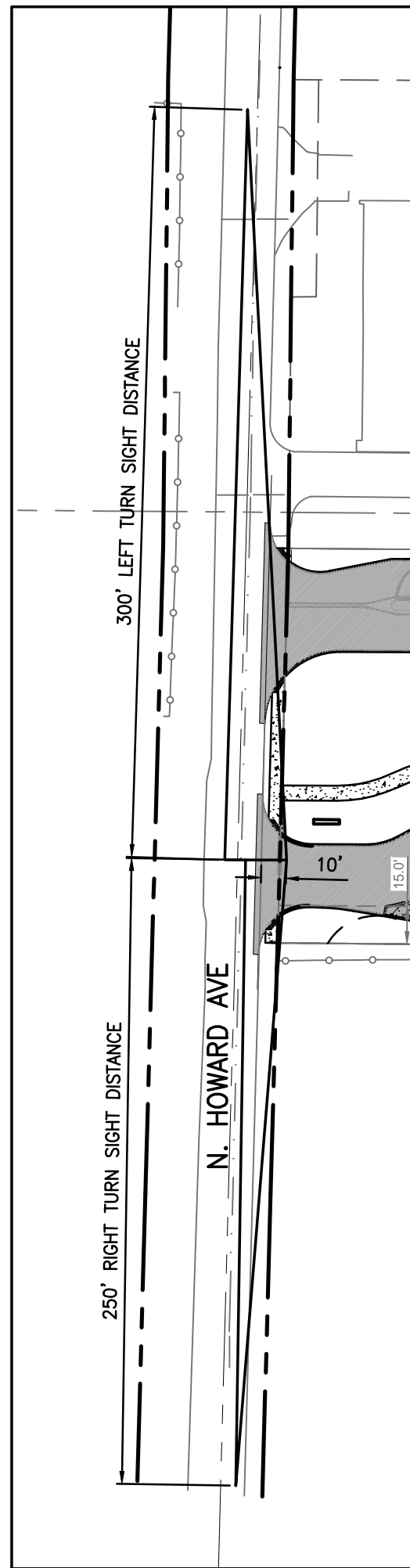
JOHN A HARVEY, PROFESSIONAL ENGINEER, STATE OF FLORIDA, LICENSE NUMBER 64570	PROJECT NO: 10115-001-01	DATE: 09/09/2024
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JOHN A HARVEY ON THE DATE AT THE RIGHT.	COT PROJECT NO: 24-C-00032	DWG NO: C302
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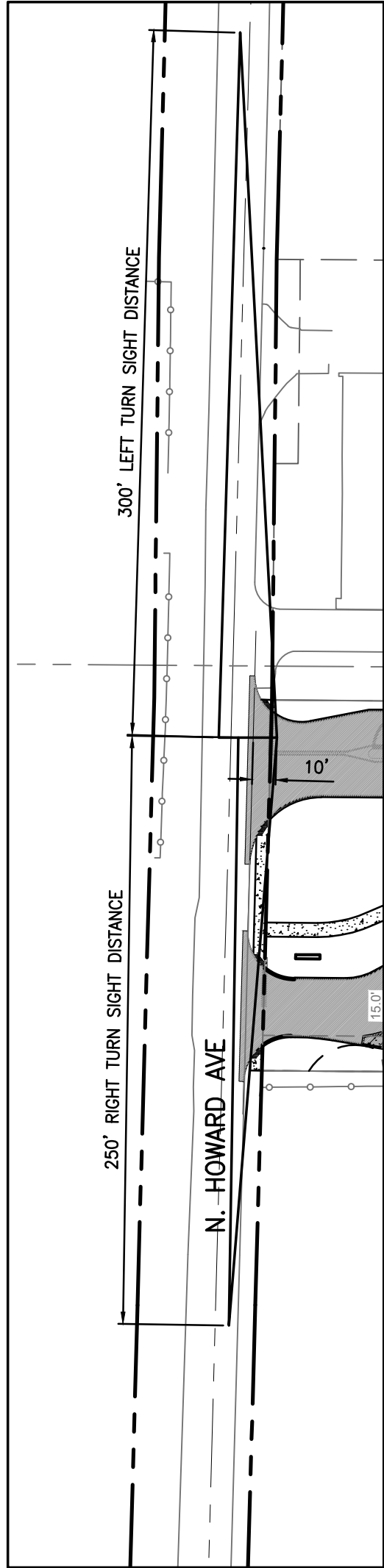
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8 7 6 5 4 3 2 1  
PLOTTED: 12/1/2025 11:13 AM MELISSA ROSS

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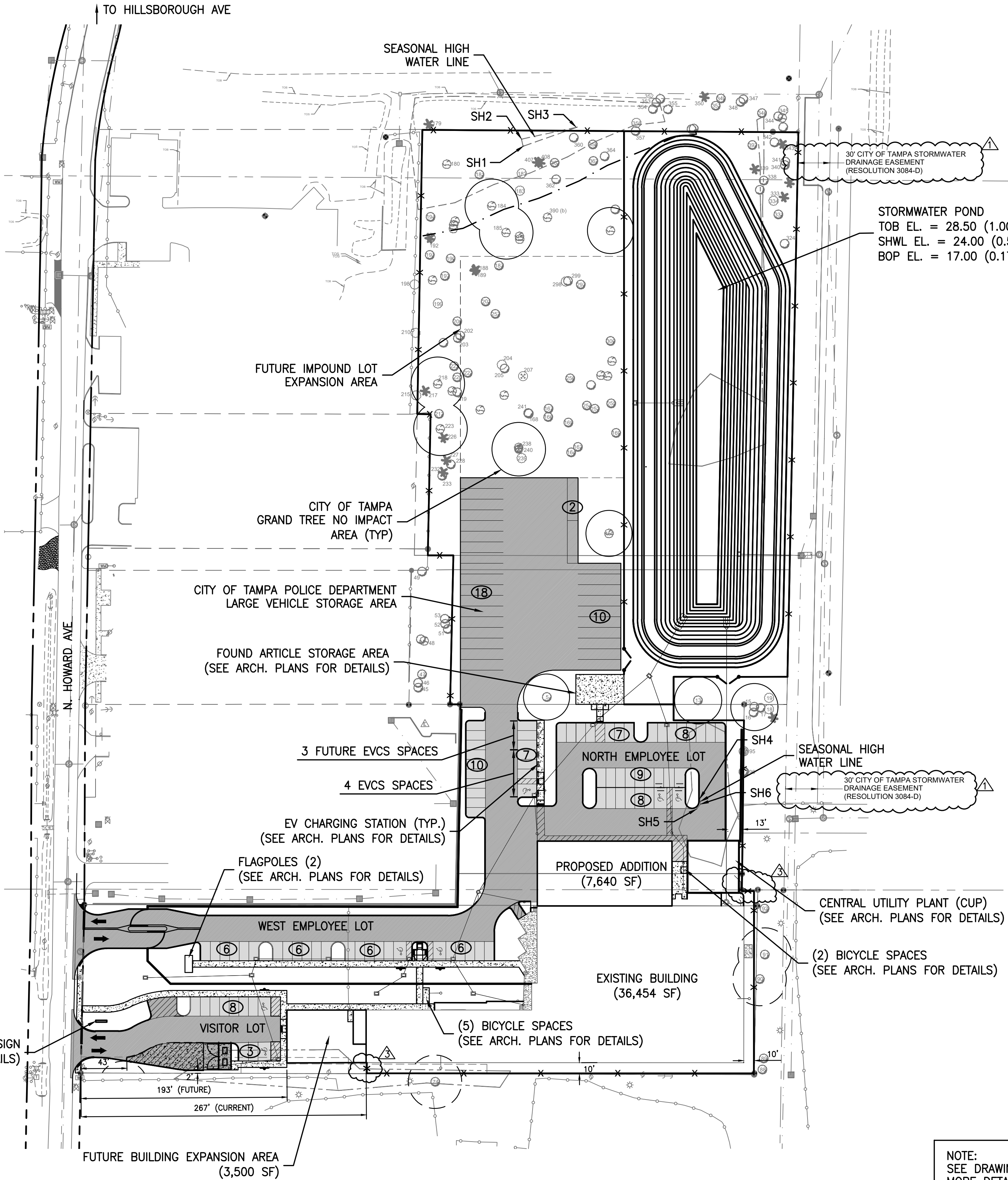


**SOUTH DRIVEWAY  
SIGHT DISTANCE DETAIL**  
(POSTED SPEED = 25 MPH)



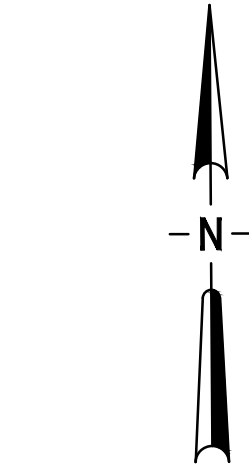
**NORTH DRIVEWAY  
SIGHT DISTANCE DETAIL**  
(POSTED SPEED = 25 MPH)

MONUMENT SIGN  
(SEE ARCH. PLANS FOR DETAILS)



NOTE:  
SEE DRAWINGS C201 AND C202 FOR  
MORE DETAILED SITE PLANS.

SEASONAL HIGH GROUNDWATER ELEVATIONS	
SH1	23.00
SH2	22.56
SH3	23.29
SH4	23.49
SH5	24.09
SH6	23.60



**GRAPHIC SCALE**  
0 30 60 120  
SCALE IN FEET

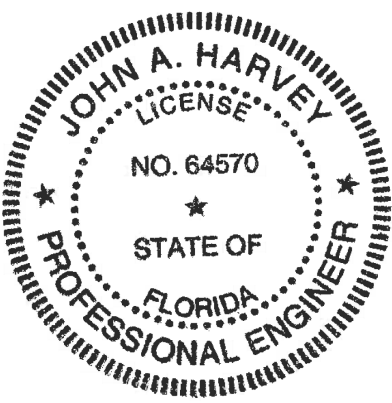
SITE INFORMATION TABLE	
OVERALL PROJECT NAME	TAMPA POLICE DEPARTMENT EVIDENCE AND FORENSICS FACILITY
SITE ADDRESS	5005 NORTH HOWARD AVENUE
SITE AREA	7.612 AC
GROSS FLOOR AREA	TOTAL = 47,594 SF (EX. BLDG. = 36,454 SF; PROP. ADDITION = 7,640 SF; FUTURE = 3,500 SF)
FLOOR AREA RATIO (FAR)	14.40%
IMPERVIOUS SURFACE AREA	3.318 AC
IMPERVIOUS SURFACE AREA RATIO (ISR)	43.59% (NOT INCLUDING FUTURE BUILDING AND IMPOUND LOT)
FUTURE ISR	51.87% (INCLUDING FUTURE BUILDING AND IMPOUND LOT)
MINIMUM LOT AREA	10,000 SFT (7.612 AC PROVIDED)
JURISDICTION	CITY OF TAMPA
STATE	FLORIDA
SECTION, TOWNSHIP, RANGE	SEC. 2, TWP 29 S., RNG 18 E.
PARCEL NUMBER	A-02-29-18-3HX-000003-00001.0 & A-02-29-18-ZZZ-000005-42900.0
CURRENT ZONING	CI (COMMERCIAL INTENSIVE)
EXISTING LAND USE	INDUSTRIAL/WAREHOUSE
FUTURE LAND USE	COMMUNITY COMMERCIAL
FEMA FLOOD ZONE	ZONE X (AREA OF MINIMAL FLOOD HAZARD)

SITE ANALYSIS TABLE		
CRITERIA	REQUIRED (MIN/MAX)	PROVIDED
<b>PARKING &amp; LOADING:</b>		
FRONT YARD SETBACK	10'	43'
SIDE YARD SETBACK	0'	2'
REAR YARD SETBACK	0'	13'
BUFFERS (PEB 627-284)	0'	2'
PARKING SPACES (SITE)	27-283.7 (2) h. - 10 EMPLOYEES X 0.6 = 6 SPACES 27-283.7 (6) g. - 20,974 X 3.3 SP/1000SF = 70 SPACES TOTAL = 76 SPACES**	84 SPACES
HANDICAPPED SPACES (SITE)	3	7
PARKING SPACES (EV)	N/A	4
PARKING SPACES (EV FUTURE)	N/A	3
PARKING SPACES (LARGE VEHICLE STORAGE)	N/A	30
BICYCLE SPACES	3	7
<b>BUILDING DATA &amp; SETBACKS:</b>		
FRONT YARD SETBACK	10'	267' (CURRENT)
SIDE YARD SETBACK	0'	10'
REAR YARD SETBACK	0'	10'
BUILDING MAX HEIGHT	45'	EXISTING 17'-6" PROPOSED 19'-11"

\*\*59 EMPLOYEE'S MAXIMUM SHIFT PER CITY OF TAMPA POLICE DEPARTMENT

**EVIDENCE & FORENSICS FACILITY PARKING LOT SPACES**  
NORTH EMPLOYEE LOT ==> 49 SPACES (6 EV, 1 EV HCPD, & 2 HCPD)  
WEST EMPLOYEE LOT ==> 24 SPACES (2 HDCP)  
VISITOR LOT ==> 11 SPACES (2 HDCP)  
-----  
TOTAL SPACES ==> 84 SPACES (6 EV, 1 EV HCPD, & 6 HDCP)

LARGE VEHICLE STORAGE AREA ==> 30 SPACES



06/2025	ADDRESSED CITY REVIEW COMMENTS	MAR	JAH
08/2025	ADDRESSED CITY REVIEW COMMENTS	MAR	JAH
12/2025	ADDRESSED CITY REVIEW COMMENTS	MAR	JAH
REVISIONS			
LTR.	DATE	BY	APPRD.

DESIGNED	J. HARVEY
DRAWN	J. ALLEN
CHECKED	F. HOYT

**JonesEdmunds**  
324 HYDE PARK AVENUE, TAMPA, FL 33606 / (813) 258-0703

**TPD HOWARD AVENUE  
ANNEX BUILDING  
HILLSBOROUGH COUNTY FLORIDA**

**OVERALL SITE PLAN**

JOHN A. HARVEY, STATE OF FLORIDA,  
PROFESSIONAL ENGINEER, LICENSE NO. 64570  
THIS ITEM HAS BEEN DIGITALLY SIGNED  
AND SEALED BY JOHN A. HARVEY, P.E. ON

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PROJECT NO:	DATE:
10115-001-01	09/09/2024
COT PROJECT NO:	DWG NO:
24-C-00032	G105