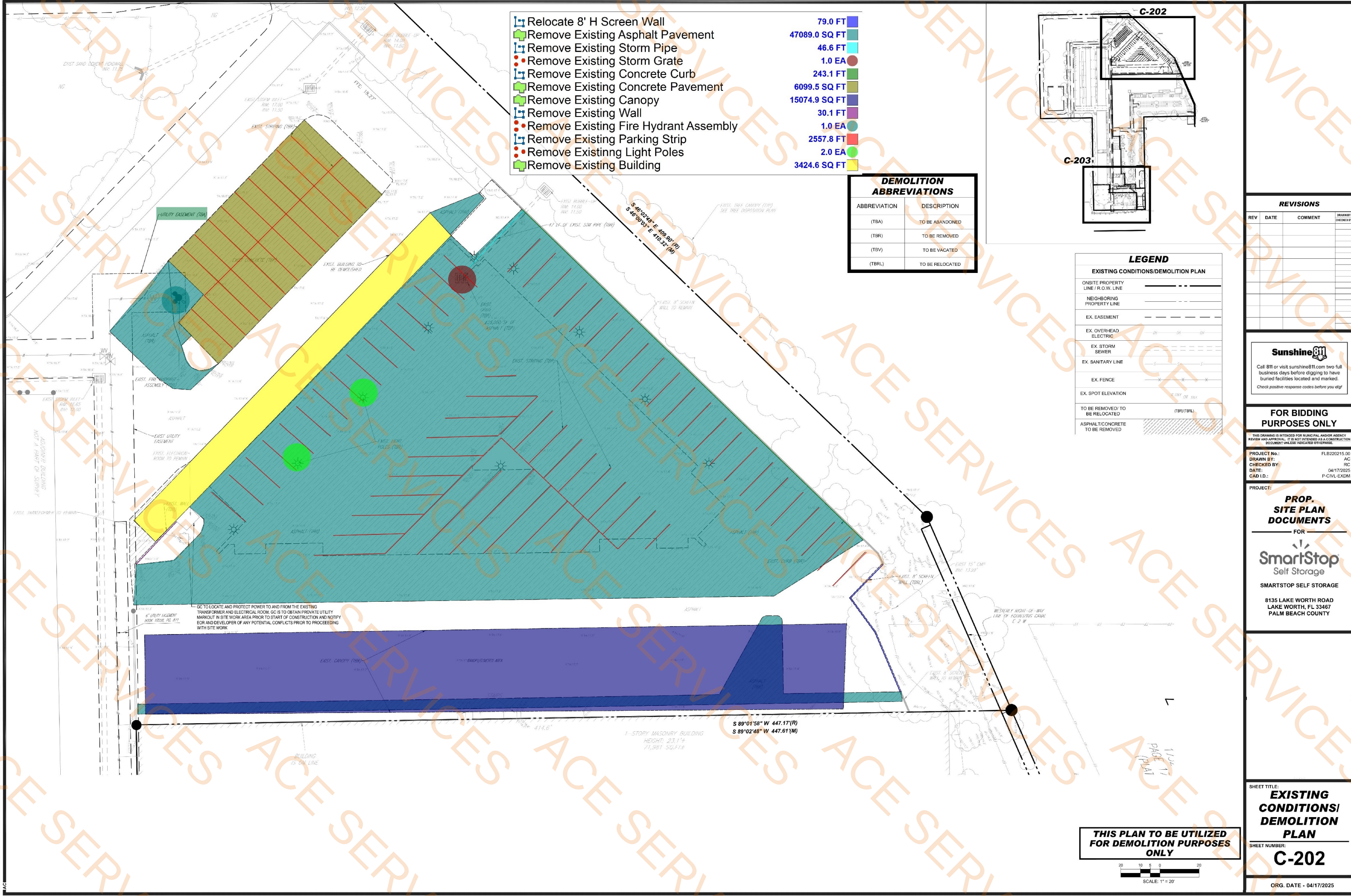
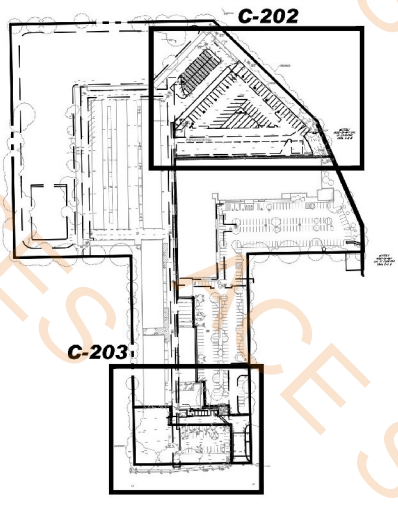




- Relocate 8' H Screen Wall
- Remove Existing Asphalt Pavement
- Remove Existing Storm Pipe
- Remove Existing Storm Grate
- Remove Existing Concrete Curb
- Remove Existing Concrete Pavement
- Remove Existing Canopy
- Remove Existing Wall
- Remove Existing Fire Hydrant Assembly
- Remove Existing Parking Strip
- Remove Existing Light Poles
- Remove Existing Building

- 79.0 FT
- 47089.0 SQ FT
- 46.6 FT
- 1.0 EA
- 243.1 FT
- 6099.5 SQ FT
- 15074.9 SQ FT
- 30.1 FT
- 1.0 EA
- 2557.8 FT
- 2.0 EA
- 3424.6 SQ FT

DEMOLITION ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
(TBA)	TO BE ABANDONED
(TBR)	TO BE REMOVED
(TBV)	TO BE VACATED
(TBRL)	TO BE RELOCATED



LEGEND	
EXISTING CONDITIONS/DEMOLITION PLAN	
ONSITE PROPERTY LINE / R.O.W. LINE	---
NEIGHBORING PROPERTY LINE	---
EX. EASEMENT	---
EX. OVERHEAD ELECTRIC	---
EX. STORM SEWER	---
EX. SANITARY LINE	---
EX. FENCE	---
EX. SPOT ELEVATION	---
TO BE REMOVED/ TO BE RELOCATED	(TBR/TBRL)
ASPHALT/CONCRETE TO BE REMOVED	---

REVISIONS			
REV	DATE	COMMENT	DRAWN BY

Sunshine811
Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.
Check positive response codes before you dig!

FOR BIDDING PURPOSES ONLY
THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGENCY REVIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUCTION DOCUMENT UNLESS INDICATED OTHERWISE.
PROJECT NO.: FLE220215.00
DRAWN BY: AC
CHECKED BY: RC
DATE: 04/17/2025
CAD ID: P-CIVL-EXDM

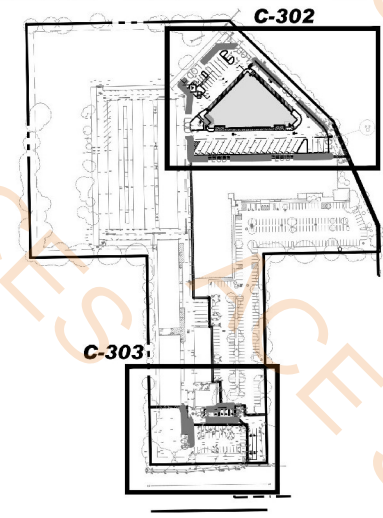
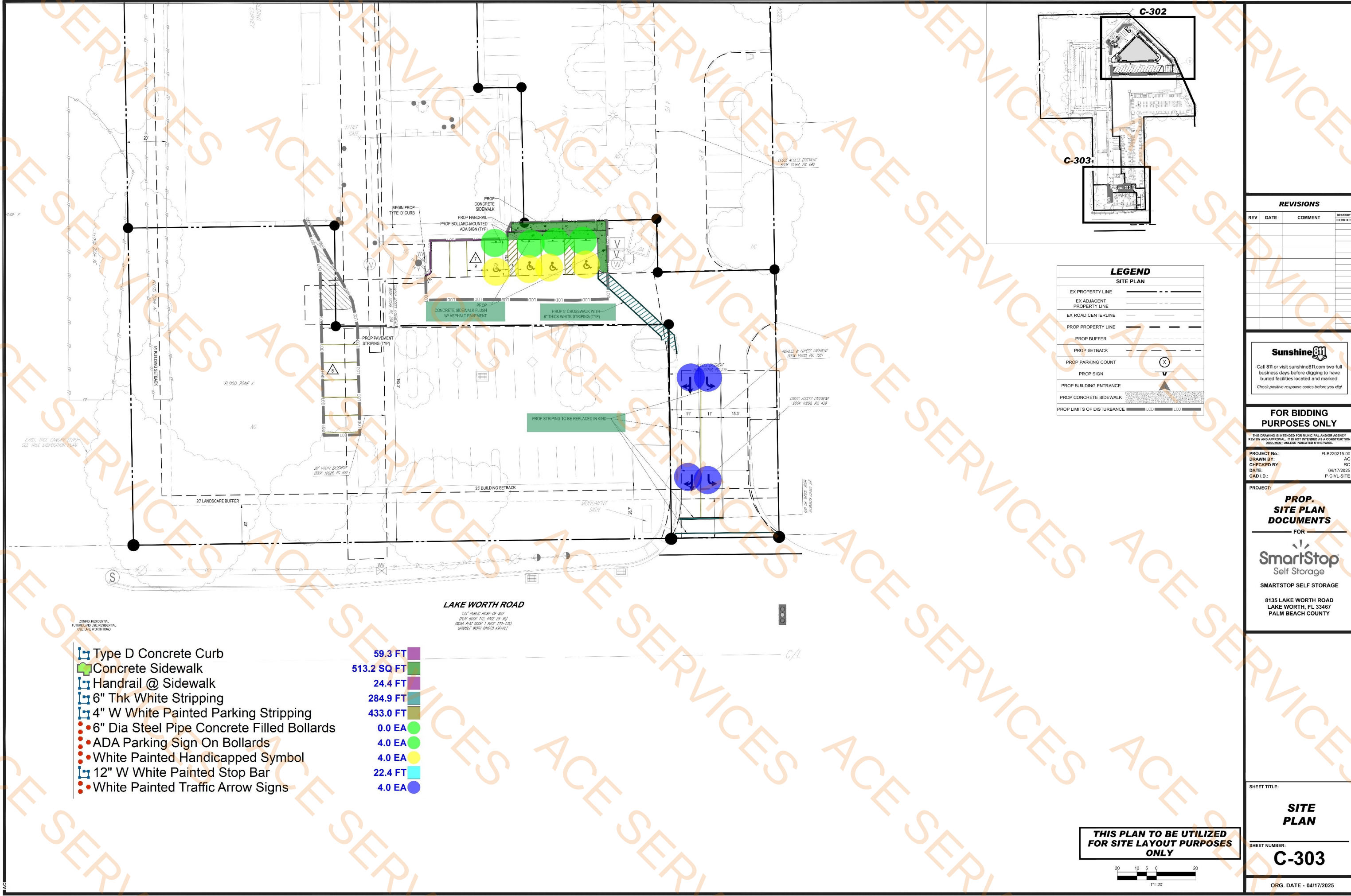
PROP. SITE PLAN DOCUMENTS
FOR
SmartStop Self Storage
SMARTSTOP SELF STORAGE
8135 LAKE WORTH ROAD
LAKE WORTH, FL 33467
PALM BEACH COUNTY

THIS PLAN TO BE UTILIZED FOR DEMOLITION PURPOSES ONLY



SHEET TITLE:
EXISTING CONDITIONS/ DEMOLITION PLAN
SHEET NUMBER:
C-202
ORG. DATE - 04/17/2025





LEGEND	
SITE PLAN	
EX PROPERTY LINE	---
EX ADJACENT PROPERTY LINE	---
EX ROAD CENTERLINE	---
PROP PROPERTY LINE	---
PROP BUFFER	---
PROP SETBACK	---
PROP PARKING COUNT	(X)
PROP SIGN	(V)
PROP BUILDING ENTRANCE	(V)
PROP CONCRETE SIDEWALK	(Hatched)
PROP LIMITS OF DISTURBANCE	LOD LOD

REVISIONS			
REV	DATE	COMMENT	DRAWN BY / CHECKED BY

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PROJECT No.:	FLB220215.00
DRAWN BY:	AC
CHECKED BY:	RC
DATE:	04/17/2025
CAD I.D.:	P-CIVL-SITE

PROJECT:

PROP. SITE PLAN DOCUMENTS

FOR

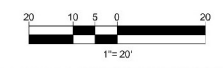
SmartStop
Self Storage

SMARTSTOP SELF STORAGE

8135 LAKE WORTH ROAD
LAKE WORTH, FL 33467
PALM BEACH COUNTY

Type D Concrete Curb	59.3 FT
Concrete Sidewalk	513.2 SQ FT
Handrail @ Sidewalk	24.4 FT
6" Thk White Stripping	284.9 FT
4" W White Painted Parking Stripping	433.0 FT
6" Dia Steel Pipe Concrete Filled Bollards	0.0 EA
ADA Parking Sign On Bollards	4.0 EA
White Painted Handicapped Symbol	4.0 EA
12" W White Painted Stop Bar	22.4 FT
White Painted Traffic Arrow Signs	4.0 EA

THIS PLAN TO BE UTILIZED FOR SITE LAYOUT PURPOSES ONLY



SHEET TITLE:

SITE PLAN

SHEET NUMBER:

C-303

ORG. DATE - 04/17/2025

Remove Trees

117.0 EA

TAG	COMMON NAME	BOTANICAL NAME	INVASIVES	DBH	HEIGHT	CANOPY	DISPOSITION
T1	LIVE OAK	Quercus Virginiana		15"	12'	54.39	Remain
T2	LIVE OAK	Quercus Virginiana		13"	11'	45.6	Remain
T3	LIVE OAK	Quercus Virginiana		16"	12'	51.09	Remain
T4	LIVE OAK	Quercus Virginiana		15"	12'	54.39	Remain
T5	LIVE OAK	Quercus Virginiana		15"	12'	54.39	Remain
T6	LIVE OAK	Quercus Virginiana		24"	15'	46.99	Remain
T7	LIVE OAK	Quercus Virginiana		16"	12'	51.09	Remain
T8	MAHOGANY	Swietenia Mahagoni		12"	9'	26.05	Remain
T9	LIVE OAK	Quercus Virginiana		12"	9'	26.05	Remain
T10	LIVE OAK	Quercus Virginiana		16"	12'	51.09	Remain
T11	LIVE OAK	Quercus Virginiana		6"	7'	20.37	Remain
T12	LIVE OAK	Quercus Virginiana		3"	6'	15.9	Remain
T13	LIVE OAK	Quercus Virginiana		16"	12'	51.09	Remain
T14	LIVE OAK	Quercus Virginiana		12"	9'	26.05	Remain
T15	LIVE OAK	Quercus Virginiana		8"	10'	25.69	Remain
T16	LIVE OAK	Quercus Virginiana		16"	12'	51.09	Remain
T17	LIVE OAK	Quercus Virginiana		6"	7'	20.37	Remain
T18	LIVE OAK	Quercus Virginiana		14"	11'	23.38	Remain
T19	LIVE OAK	Quercus Virginiana		16"	12'	51.09	Remain
T20	LIVE OAK	Quercus Virginiana		15"	12'	54.39	Remain
T21	LIVE OAK	Quercus Virginiana		18"	14'	42.95	Remain
T22	LIVE OAK	Quercus Virginiana		10"	8'	107.95	Remain
T23	LIVE OAK	Quercus Virginiana		9"	11'	34.54	Remain
T24	LIVE OAK	Quercus Virginiana		14"	11'	23.38	Remain
T25	LIVE OAK	Quercus Virginiana		12"	9'	26.05	Remain
T26	LIVE OAK	Quercus Virginiana		24"	15'	46.99	Remain
T27	LIVE OAK	Quercus Virginiana		10"	8'	107.95	Remain
T28	LIVE OAK	Quercus Virginiana		16"	12'	51.09	Remain
T29	LIVE OAK	Quercus Virginiana		15"	12'	54.39	Remain
T30	BIRCH	Betula Nigra		6"	7'	20.37	Remain
T31	BIRCH	Betula Nigra		6"	7'	20.37	Remain
T32	BRADFORD PEAR	Pyrus Calleryana	INVS	25"	18'	65.06	Remove
T33	BRADFORD PEAR	Pyrus Calleryana	INVS	20"	17'	53.59	Remove
T34	BRADFORD PEAR	Pyrus Calleryana	INVS	20"	17'	53.59	Remove
T35	CRAPE MYRTLE	Lagerstroemia Indica		3"	6'	15.9	Remove
T36	BRADFORD PEAR	Pyrus Calleryana	INVS	15"	12'	54.39	Remove
T37	BRADFORD PEAR	Pyrus Calleryana	INVS	28"	19'	28.41	Remove
T38	MULBERRY	Morus		5"	5'	25.66	Remove
T39	BRADFORD PEAR	Pyrus Calleryana	INVS	18"	14'	42.95	Remove
T40	CRAPE MYRTLE	Lagerstroemia Indica		3"	6'	15.9	Remove
T41	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	8"	10'	25.69	Remove
T42	CITRUS	Rutaceae		10"	8'	107.95	Remove
T43	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	7"	10'	52.81	Remove
T44	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	6"	7'	20.37	Remove
T45	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	4"	4'	41.13	Remove
T46	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	8"	10'	25.69	Remove
T47	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	8"	10'	25.69	Remove
T48	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	8"	10'	25.69	Remove
T49	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	30"	18'	40.48	Remove
T50	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	8"	10'	25.69	Remove
T51	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	40"	20'	71.19	Remove
T52	LIVE OAK	Quercus Virginiana		25"	16'	23.49	Remain
T53	LIVE OAK	Quercus Virginiana		25"	16'	23.49	Remain
T54	MANGROVE	Rhizophora Mangle		30"	18'	40.48	Remain
T55	LIVE OAK	Quercus Virginiana		28"	19'	28.41	Remain
T56	LIVE OAK	Quercus Virginiana		5"	5'	25.66	Remain
T57	LIVE OAK	Quercus Virginiana		34"	18'	38.16	Remain
T58	LIVE OAK	Quercus Virginiana		16"	12'	51.09	Remain
T59	CEDAR	Juniperus Virginiana		12"	9'	26.05	Remain
T60	LIVE OAK	Quercus Virginiana		14"	11'	23.38	Remain
T61	ASH	Fraxinus		16"	12'	51.09	Remain
T62	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	8"	10'	25.69	Remove
T63	MAHOGANY	Swietenia Mahagoni		25"	16'	23.49	Remain
T64	MAHOGANY	Swietenia Mahagoni		28"	19'	28.41	Remain
T65	LIVE OAK	Quercus Virginiana		25"	16'	23.49	Remain
T66	FIG	Ficus Carica		36"	18'	38.16	Remain
T67	LIVE OAK	Quercus Virginiana		22"	18'	37.8	Remain
T68	LIVE OAK	Quercus Virginiana		14"	11'	23.38	Remain
T69	LIVE OAK	Quercus Virginiana		18"	14'	42.95	Remain
T70	LIVE OAK	Quercus Virginiana		30"	18'	40.48	Remain
T71	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	10"	8'	107.95	Remove
T72	LIVE OAK	Quercus Virginiana		20"	17'	53.59	Remain
T73	LIVE OAK	Quercus Virginiana		32"	20	36.8	Remain
T74	LIVE OAK	Quercus Virginiana		32"	20	36.8	Remain
T75	LIVE OAK	Quercus Virginiana		30"	18'	40.48	Remain
T76	FIG	Ficus Carica		18"	14'	42.95	Remain
T77	LIVE OAK	Quercus Virginiana		24"	15'	46.99	Remain
T78	LIVE OAK	Quercus Virginiana		16"	12'	51.09	Remain
T79	LIVE OAK	Quercus Virginiana		18"	14'	42.95	Remain
T80	BRADFORD PEAR	Pyrus Calleryana	INVS	6"	7'	20.37	Remove
T81	BRADFORD PEAR	Pyrus Calleryana	INVS	3"	6'	15.9	Remove
T82	BRADFORD PEAR	Pyrus Calleryana	INVS	3"	6'	15.9	Remove
T83	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	3"	6'	15.9	Remove
T84	BRADFORD PEAR	Pyrus Calleryana	INVS	3"	6'	15.9	Remove
T85	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	3"	6'	15.9	Remove
T86	BRADFORD PEAR	Pyrus Calleryana	INVS	6"	7'	20.37	Remove
T87	BRADFORD PEAR	Pyrus Calleryana	INVS	5"	5'	25.66	Remove
T88	BRADFORD PEAR	Pyrus Calleryana	INVS	5"	5'	25.66	Remove
T89	BRADFORD PEAR	Pyrus Calleryana	INVS	5"	5'	25.66	Remove
T90	BRADFORD PEAR	Pyrus Calleryana	INVS	5"	5'	25.66	Remove
T91	BRADFORD PEAR	Pyrus Calleryana	INVS	4"	4'	41.13	Remove
T92	BRADFORD PEAR	Pyrus Calleryana	INVS	3"	6'	15.9	Remove
T93	LIVE OAK	Quercus Virginiana		12"	9'	26.05	Remain

T94	LIVE OAK	Quercus Virginiana		6"	7'	20.37	Remain
T95	LIVE OAK	Quercus Virginiana		6"	7'	20.37	Remain
T96	LIVE OAK	Quercus Virginiana		5"	5'	25.66	Remain
T97	LIVE OAK	Quercus Virginiana		13"	11'	45.6	Remain
T98	LIVE OAK	Quercus Virginiana		4"	4'	41.13	Remain
T99	LIVE OAK	Quercus Virginiana		6"	7'	20.37	Remain
T100	LIVE OAK	Quercus Virginiana		6"	7'	20.37	Remain
T101	LIVE OAK	Quercus Virginiana		4"	4'	41.13	Remain
T102	LIVE OAK	Quercus Virginiana		9"	11'	34.54	Remain
T103	LIVE OAK	Quercus Virginiana		10"	8'	107.95	Remain
T104	LIVE OAK	Quercus Virginiana		7"	10'	52.81	Remain
T105	LIVE OAK	Quercus Virginiana		9"	11'	34.54	Remain
T106	LIVE OAK	Quercus Virginiana		11"	8.5'	72.96	Remain
T107	LIVE OAK	Quercus Virginiana		12"	9'	26.05	Remain
T108	BRADFORD PEAR	Pyrus Calleryana	INVS	3"	6'	15.9	Remove
T109	BRADFORD PEAR	Pyrus Calleryana	INVS	4"	4'	41.13	Remove
T110	LIVE OAK	Quercus Virginiana		9"	11'	34.54	Remain
T111	LIVE OAK	Quercus Virginiana		5"	5'	25.66	Remain
T112	LIVE OAK	Quercus Virginiana		8"	10'	25.69	Remain
T113	LIVE OAK	Quercus Virginiana		4"	4'	41.13	Remain
T114	LIVE OAK	Quercus Virginiana		12"	9'	26.05	Remain
T115	LIVE OAK	Quercus Virginiana		8"	10'	25.69	Remain
T116	LIVE OAK	Quercus Virginiana		5"	5'	25.66	Remain
T117	LIVE OAK	Quercus Virginiana		8"	10'	25.69	Remain
T118	LIVE OAK	Quercus Virginiana		5"	5'	25.66	Remain
T119	LIVE OAK	Quercus Virginiana		8"	10'	25.69	Remain
T120	LIVE OAK	Quercus Virginiana		8"	10'	25.69	Remain
T121	LIVE OAK	Quercus Virginiana		5"	5'	25.66	Remain
T122	LIVE OAK	Quercus Virginiana		5"	5'	25.66	Remain
T123	LIVE OAK	Quercus Virginiana		7"	10'	52.81	Remain
T124	LIVE OAK	Quercus Virginiana		12"	9'	26.05	Remain
T125	LIVE OAK	Quercus Virginiana		10"	8'	107.95	Remain
T126	LIVE OAK	Quercus Virginiana		7"	10'	52.81	Remain
T127	LIVE OAK	Quercus Virginiana		7"	10'	52.81	Remain
T128	PINE	Pinus Elliottii		7"	10'	52.81	Remain
T129	LIVE OAK	Quercus Virginiana		7"	10'	52.81	Remain
T130	LIVE OAK	Quercus Virginiana		5"	5'	25.66	Remain
T131	LIVE OAK	Quercus Virginiana		6"	7'	20.37	Remain
T132	LIVE OAK	Quercus Virginiana		12"	9'	26.05	Remain
T133	LIVE OAK	Quercus Virginiana		12"	9'	26.05	Remain
T134	LIVE OAK	Quercus Virginiana		12"	9'	26.05	Remain
T135	LIVE OAK	Quercus Virginiana		12"	9'	26.05	Remain
T136	LIVE OAK	Quercus Virginiana		12"	13'	39.28	Remain
T137	CRAPE MYRTLE	Lagerstroemia Indica		4"	4'	41.13	Remain
T138	LIVE OAK	Quercus Virginiana		36"	18'	38.16	Remain
T139	LIVE OAK	Quercus Virginiana		9"	11'	34.54	Remain
T140	LIVE OAK	Quercus Virginiana		8"	10'	25.69	Remain
T141	LIVE OAK	Quercus Virginiana		15"	12'	54.39	Remain
T142	LIVE OAK	Quercus Virginiana		20"	17'	53.59	Remain
T143	LIVE OAK	Quercus Virginiana		8"	10'	25.69	Remain
T144	LIVE OAK	Quercus Virginiana		10"	12'	51.09	Remain
T145	LIVE OAK	Quercus Virginiana		18"	14'	42.95	Remain
T146	LIVE OAK	Quercus Virginiana		4"	4'	41.13	Remain
T147	LIVE OAK	Quercus Virginiana		14"	11'	23.38	Remain
T148	LIVE OAK	Quercus Virginiana		8"	10'	25.69	Remove
T149	UMBRELLA	Schefflera Actinophylla	INVS	16"	12'	51.09	Remove
T150	LIVE OAK	Quercus Virginiana		15"	12'	54.39	Remove
T151	LIVE OAK	Quercus Virginiana		12"	9'	26.05	Remove
T152	LIVE OAK	Quercus Virginiana		10"	8'	107.95	Remove
T153	LIVE OAK	Quercus Virginiana		15"	12'	54.39	Remove
T154	LIVE OAK	Quercus Virginiana		15"	12'	54.39	Remove
T155	LIVE OAK	Quercus Virginiana		30"	18'	40.48	Remove
T156	LIVE OAK	Quercus Virginiana		18"	14'	42.95	Remove
T157	PLUM	Prunus Domestica		7"	7'	20.37	Remove
T158	UMBRELLA	Schefflera Actinophylla	INVS	3"	6'	15.9	Remove
T159	LIVE OAK	Quercus Virginiana		30"	18'	40.48	Remove
T160	LIVE OAK	Quercus Virginiana		5"	5'	25.66	Remove
T161	PINE	Pinus Elliottii		15"	12'	54.39	Remove
T162	LIVE OAK	Quercus Virginiana		14"	11'	23.38	Remove
T163	LIVE OAK	Quercus Virginiana		5"	5'	25.66	Remove
T164	LIVE OAK	Quercus Virginiana		5"	5'	25.66	Remove
T165	FIG	Ficus Carica		18"	14'	42.95	Remove
T166	LIVE OAK	Quercus Virginiana		24"	15'	46.99	Remove
T167	MAHOGANY	Swietenia Mahagoni		6"	7'	20.37	Remove
T168	LIVE OAK	Quercus Virginiana		15"	12'	54.39	Remove
T169	LIVE OAK	Quercus Virginiana		12"	9'	26.05	Remove
T170	GEIGER	Cordia sebestena		3"	6'	15.9	Remove
T171	LIVE OAK	Quercus Virginiana		3"	6'	15.9	Remove
T172	LIVE OAK	Quercus Virginiana		3"	6'	15.9	Remove
T173	LIVE OAK	Quercus Virginiana		5"	5'	25.66	Remove
T174	LIVE OAK	Quercus Virginiana		3"	6'	15.9	Remove
T175	MAHOGANY	Swietenia Mahagoni		8"	10'	25.69	Remove
T176	LIVE OAK	Quercus Virginiana		5"	5'	25.66	Remove
T177	LIVE OAK	Quercus Virginiana		7"	10'	52.81	Remove
T178	LIVE OAK	Quercus Virginiana		7"	10'	52.81	Remove
T179	LIVE OAK	Quercus Virginiana		12"	9'	26.05	Remove
T180	LIVE OAK	Quercus Virginiana		10"	8'	107.95	Remove
T181	LIVE OAK	Quercus Virginiana		4"	4'	41.13	Remove
T182	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	8"	10'	25.69	Remove

A. AS PURSUANT TO THE ULDC, ARTICLE 14.C.9, THE IMPROVED PARCEL SHALL BE MAINTAINED FREE OF PROHIBITED VEGETATION LISTED IN APPENDIX 5. PROHIBITED INVASIVE NON-NATIVE VEGETATION A REMOVAL PLAN SHALL BE PROVIDED TO ERRADICATE THE INVASIVE SPECIES THAT APPEAR TO BE ON SITE.

TAG	COMMON NAME	BOTANICAL NAME	INVASIVES	DBH	HEIGHT	CANOPY	DISPOSITION
T183	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	12"	9'	26.05	Remove
T184	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	8"	10'	25.69	Remove
T185	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	7"	10'	52.81	Remove
T186	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	10"	8'	107.95	Remove
T187	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	16"	12'	51.09	Remove
T188	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	14"	11'	23.38	Remove
T189	LIVE OAK	Quercus virginiana	16"	12'	51.09	Remove	
T190	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	12"	9'	26.05	Remove
T191	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	10"	8'	107.95	Remove
T192	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	10"	8'	107.95	Remove
T193	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	5"	5'	25.66	Remove
T194	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	5"	5'	25.66	Remove
T195	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	12"	9'	26.05	Remove
T196	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	12"	9'	26.05	Remove
T197	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	6"	7'	20.37	Remove
T198	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	14"	11'	23.38	Remove
T199	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	10"	8'	107.95	Remove
T200	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	8"	10'	25.69	Remove
T201	CARROTWOOD	Cupaniopsis Anacardioides	INVS	5"	5'	25.66	Remove
T202	CARROTWOOD	Cupaniopsis Anacardioides	INVS	7"	10'	52.81	Remove
T203	CARROTWOOD	Cupaniopsis Anacardioides	INVS	12"	9'	26.05	Remove
T204	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	6"	7'	20.37	Remove
T205	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	5"	5'	25.66	Remove
T206	POISON TREE	POISON TREE	INVS	7"	10'	52.81	Remove
T207	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	14"	11'	23.38	Remove
T208	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	6"	7'	20.37	Remove
T209	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	10"	8'	107.95	Remove
T210	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	10"	8'	107.95	Remove
T211	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	4"	4'	41.13	Remove
T212	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	6"	7'	20.37	Remove
T213	FIG	Ficus Carica	26"	16"	23.49	Remove	
T214	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	8"	10'	25.69	Remove
T215	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	3"	6'	15.9	Remove
T216	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	3"	6'	15.9	Remove
T217	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	8"	10'	25.69	Remove
T218	LIVE OAK	Quercus virginiana	24"	11'	45.6	Remove	
T219	FIG	Ficus Carica	13"	15'	46.99	Remove	
T220	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	4"	4'	41.13	Remove
T221	LIVE OAK	Quercus virginiana	4"	4'	41.13	Remove	
T222	LIVE OAK	Quercus virginiana	3"	6'	15.9	Remove	
T223	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	4"	4'	41.13	Remove
T224	MIMOSA	ACACIA	5"	5'	25.66	Remove	
T225	MIMOSA	ACACIA	5"	5'	25.66	Remove	
T226	BRAZIL PEPPER TREE	Schinus terebinthifolia	INVS	6"	7'	20.37	Remove
T227	FIG	Ficus Carica	26"	16"	23.49	Remove	
T228	FIG	Ficus Carica	24"	15'	46.99	Remove	
T229	LIVE OAK	Quercus virginiana	13"	11'	45.6	Remove	
T230	LIVE OAK	Quercus virginiana	12"	9'	26.05	Remove	
T231	LIVE OAK	Quercus virginiana	15"	12'	54.39	Remove	
T232	CARROTWOOD	Cupaniopsis Anacardioides	INVS	13"	11'	45.6	Remove
T233	CARROTWOOD	Cupaniopsis Anacardioides	INVS	5"	5'	25.66	Remove
T234	POISON TREE	POISON TREE	INVS	10"	8'	107.95	Remove
T235	CARROTWOOD	Cupaniopsis Anacardioides	INVS	12"	9'	26.05	Remove
T236	CARROTWOOD	Cupaniopsis Anacardioides	INVS	10"	8'	107.95	Remove
T237	CARROTWOOD	Cupaniopsis Anacardioides	INVS	12"	9'	26.05	Remove
T238	CARROTWOOD	Cupaniopsis Anacardioides	INVS	7"	10'	52.81	Remove
T239	CARROTWOOD	Cupaniopsis Anacardioides	INVS	12"	9'	26.05	Remove
T240	CARROTWOOD	Cupaniopsis Anacardioides	INVS	10"	8'	107.95	Remove
T241	CARROTWOOD	Cupaniopsis Anacardioides	INVS	8"	10'	25.69	Remove
T242	LIVE OAK	Quercus virginiana	18"	14'	42.95	Remove	
T243	LIVE OAK	Quercus virginiana	10"	8'	107.95	Remove	
T244	BLACK WILLOW	Salix Nigra	26"	16"	23.49	Remove	
T245	CARROTWOOD	Cupaniopsis Anacardioides	INVS	14"	11'	23.38	Remove
T246	MULBERRY	Morus	10"	8'	107.95	Remove	
T247	CARROTWOOD	Cupaniopsis Anacardioides	INVS	8"	10'	25.69	Remove
T248	CARROTWOOD	Cupaniopsis Anacardioides	INVS	8"	10'	25.69	Remove
T249	CARROTWOOD	Cupaniopsis Anacardioides	INVS	8"	10'	25.69	Remove
T250	CARROTWOOD	Cupaniopsis Anacardioides	INVS	16"	12'	51.09	Remove
T251	CARROTWOOD	Cupaniopsis Anacardioides	INVS	5"	5'	25.66	Remove
T252	CARROTWOOD	Cupaniopsis Anacardioides	INVS	12"	9'	26.05	Remove
T253	CARROTWOOD	Cupaniopsis Anacardioides	INVS	14"	11'	23.38	Remove
T254	CARROTWOOD	Cupaniopsis Anacardioides	INVS	12"	9'	26.05	Remove
T255	CARROTWOOD	Cupaniopsis Anacardioides	INVS	14"	11'	23.38	Remove
T256	MULBERRY	Morus	14"	11'	23.38	Remove	
T257	LIVE OAK	Quercus virginiana	4"	4'	41.13	Remove	
T258	LIVE OAK	Quercus virginiana	3"	6'	15.9	Remove	
T259	LIVE OAK	Quercus virginiana	3"	6'	15.9	Remove	
T260	LIVE OAK	Quercus virginiana	6"	7'	20.37	Remove	
T261	LIVE OAK	Quercus virginiana	6"	7'	20.37	Remove	
T262	CYPRESS	Taxodium Distichum	6"	7'	20.37	Remove	
T265	LIVE OAK	Quercus virginiana	4"	4'	41.13	Remove	
T264	CYPRESS	Taxodium Distichum	3"	6'	15.9	Remove	
T268	LIVE OAK	Quercus virginiana	3"	6'	15.9	Remove	
T266	LIVE OAK	Quercus virginiana	6"	7'	20.37	Remove	
T267	LIVE OAK	Quercus virginiana	4"	4'	41.13	Remove	
T268	LIVE OAK	Quercus virginiana	3"	6'	15.9	Remove	
T269	LIVE OAK	Quercus virginiana	3"	6'	15.9	Remove	
T270	MAHOGANY	Sweetenia Mahogany	12"	9'	26.05	Remove	
T271	CYPRESS	Taxodium Distichum	12"	9'	26.05	Remove	
T272	CYPRESS	Taxodium Distichum	9"	11'	33.88	Remove	
T275	CYPRESS	Taxodium Distichum	10"	8'	107.95	Remove	
T274	LIVE OAK	Quercus virginiana	10"	8'	107.95	Remove	
T275	LIVE OAK	Quercus virginiana	12"	9'	26.05	Remove	
T276	LIVE OAK	Quercus virginiana	10"	8'	107.95	Remove	
T277	LIVE OAK	Quercus virginiana	7"	10'	52.81	Remove	
T278	LIVE OAK	Quercus virginiana	10"	8'	107.95	Remove	
T279	LIVE OAK	Quercus virginiana	9"	11'	34.54	Remove	
T280	PALM	Sabal Palmetto	12"	9'	26.05	Remove	
T282	PALM	Sabal Palmetto	12"	12'	16	Remove	
T283	PALM	Sabal Palmetto	12"	12'	16	Remove	
T284	PALM	Sabal Palmetto	12"	19'	19	Remove	
T285	PALM	Sabal Palmetto	12"	12'	20	Remove	
T286	PALM	Sabal Palmetto	12"	21'	21	Remove	
T287	PALM	Sabal Palmetto	14"	22'	22	Remove	
T288	PALM	Sabal Palmetto	15"	23'	23	Remove	
T289	LAUREL OAK	Quercus laureifolia	9"	21'	21	Remove	
T290	PALM	Sabal Palmetto	14"	13'	25	Remove	
T291	PALM	Sabal Palmetto	13"	10'	10	Remove	
T292	PALM	Sabal Palmetto	14"	10'	10	Remove	
T293	LAUREL OAK	Quercus laureifolia				Remove	
T294	LAUREL OAK	Quercus laureifolia	12	23	18	Remove	
T295	PALM	Sabal Palmetto	12	12	10	Remove	
T296	PALM	Sabal Palmetto	14	10	10	Remove	
T297	PALM	Sabal Palmetto	14	10	10	Remove	
T298	LAUREL OAK	Quercus laureifolia	6"	21'	21	Remove	
T299	LAUREL OAK	Quercus laureifolia	9"	22'	22	Remove	
T300	LAUREL OAK	Quercus laureifolia	16.5"	28'	28	Remove	
T301	LAUREL OAK	Quercus laureifolia	4"	11	6	Remove	
T302	LAUREL OAK	Quercus laureifolia	4"	10	5	Remove	
T303	LAUREL OAK	Quercus laureifolia				Remove	



455.8 FT

GENERAL LANDSCAPE NOTES:

1. ALL PLANTING BEDS TO BE MULCHED WITH 3" FLORIMULCH MEIALEUCA (COCOA BROWN) MULCH.
2. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION
3. DIGGING IN UTILITY EASEMENTS SHALL BE BY HAND ONLY
4. THIS PLAN IS TO BE UTILIZED FOR LANDSCAPE PURPOSES ONLY.
5. ALL DISTURBED UNPAVED AREAS, EXCLUDING PLANTING BEDS, ARE TO BE REVEGETATED AS LAWN IN ACCORDANCE WITH LANDSCAPE SPECIFICATION #2.C., UNLESS OTHERWISE STATED ON THIS PLAN.
6. SHRUBS PLANTED ALONG HEAD-IN PARKING STRIPS SHALL BE INSTALLED TO ALLOW A CLEARANCE OF TWO FEET FROM FACE OF CURB TO ALLOW FOR BUMPER OVERHANG.
7. IF IRRIGATION IS REQUIRED BY THE OWNER OR APPROVING MUNICIPALITY, THE CONTRACTOR SHALL PROVIDE AN IRRIGATION SYSTEM MEETING THE SPECIFICATIONS OF THE CHOSEN PRODUCT'S MANUFACTURER. THE IRRIGATION DESIGN SHALL ACCOMMODATE LAWN AND BED AREAS EACH UNDER SEPARATE ZONES TO MAXIMIZE WATER EFFICIENCY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ANY PERMITS REQUIRED FOR THE INSTALLATION OF A RUST-FREE IRRIGATION SYSTEM.
8. PLANT MATERIAL SUBSTITUTIONS MUST BE FORMALLY SUBMITTED TO BOKLER ENGINEERING AND THE MUNICIPAL ENGINEER AND LANDSCAPE CONSULTANTS FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. ANY PLANT MATERIAL THAT ARE TO BE INSTALLED WITHIN STORMWATER BMP FEATURES MUST BE NATIVE SPECIES.
9. WITHOUT EXCEPTION, WEED BARRIER FABRIC SHALL NOT BE INSTALLED WITHIN ANY BMP FACILITY. BMP FACILITIES INCLUDE RAINGARDENS, INFILTRATION TRENCHES, VEGETATIVE SWALES AND STORMWATER BASINS.
10. ANY TREE INSTALLED WITHIN 10 FT. OF NEW CONCRETE SIDEWALKS AND/OR NEARBY UNDERGROUND UTILITY OR PIPE SHOULD BE INSTALLED WITH BIOGRABBER ROOT BARRIER FABRIC AS SHOWN. SEE DETAIL DETAIL C-704.
11. THERE IS TO BE NO PLANTING OF TREES OR SHRUBS EITHER DIRECTLY OVER OR WITHIN 10 HORIZONTAL FEET OF THE SANITARY SEWER GRAVITY SEWERS AND FORCE MAIN.

NATIVE SPECIES:

- * NATIVE SPECIES - HIGH DROUGHT TOLERANCE
(OTHERS MEDIUM DROUGHT TOLERANCE)
** CONTRACTOR TO VERIFY SQUARE FOOTAGE

CONTRACTOR SHALL VERIFY PLANT QUANTITIES IN THE TABLE WITH THE PLAN. WHERE THERE IS A DISCREPANCY IN PLANT QUANTITIES, THE PLAN OVER RIDES THE PLANT LIST

ROOT BARRIER NOTES:

TREES SHOWN ON THIS PLAN ARE FOR GRAPHIC REPRESENTATION ONLY. TREE SPACING IS BASED ON DESIGN REQUIREMENTS AND THE TREES SHOWN ON THESE PLANS ATTEMPT TO ACCOMPLISH THAT SPACING WHILE MAINTAINING THE REQUIRED SETBACKS FROM UTILITIES. TREES MAY BE FIELD ADJUSTED TO AVOID CONFLICTS WITH DRIVEWAYS AND UNDERGROUND UTILITIES. IN ANY CASE THE TREES SHALL BE LOCATED IN THE FIELD IN ACCORDANCE WITH THE PLANTING DETAILS SHOWN.

ADDITIONALLY, TREES ARE TO BE INSTALLED WITH TEN FOOT (10') SEPARATION FROM ANY WATER OR SEWER MAIN AND/OR SERVICE, HYDRANTS AND LIFT STATIONS. IF A TEN FOOT (10') SEPARATION CANNOT BE ACHIEVED, THE TREE CAN BE INSTALLED WITH A ROOT BARRIER SYSTEM. REFER TO THE "ROOT BARRIER" DETAIL FOR INSTALLATION REQUIREMENTS. HOWEVER, IN NO CASE SHALL A TREE ENCOACH INTO A PBCEW WITHOUT PRIOR BCWUD APPROVAL AND ONLY SOD CAN BE INSTALLED WITHIN 7.5' OF A FIRE HYDRANT UNLESS OTHERWISE APPROVED BY THE FIRE MARSHAL AND PBWUD.

SEE DETAIL 8, SHEET C-704 FOR ROOT BARRIER DETAILS.

NOTE: ROOT BARRIER SHALL BE PROVIDED FOR ALL LANDSCAPING PROPOSED WITHIN 10 FEET OF DRAINAGE PIPES, STRUCTURES AND CHAMBERS.

1. PRIOR TO ISSUANCE OF A BUILDING PERMIT FOR BUILDING R (7,004 SF OFFICE BUILDING) A DEVELOPMENT ORDER AMENDMENT SHALL BE PROCESSED TO ADDRESS LANDSCAPE CONDITION 15 FOR SPECIAL PLANTING (BLDG PERMIT: BLDG - ZONING)

CONDITION 15:
SPECIAL PLANTING TREATMENT SHALL BE PROVIDED WITHIN THE SOUTH 160 FEET OF THE PROPERTY. PLANTING SHALL CONSIST OF THE FOLLOWING:
A. A MINIMUM OF THREE (3) SPECIMEN PALM (MEDJOL, CANARY, ROYAL, OR ANY OTHER SPECIES ACCEPTABLE TO THE LANDSCAPE SECTION); AND
B. SHRUB OR HEDGE MATERIALS (DRO/LANDSCAPE ZONING).

AMENDMENTS

ZONING STAMPS

REVISIONS

[illegible]

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PROJECT No.: FLB22021
DRAWN BY: GE
CHECKED BY: BV
DATE: 3/11/202
CAD I.D.: LANI

PROJECT:

**DEVELOPMENT
ORDER
AMENDMENT**

FOR



SMARTSTOP LAKE WORTH

8135 LAKE WORTH ROAD,
LAKE WORTH, FL, 33467

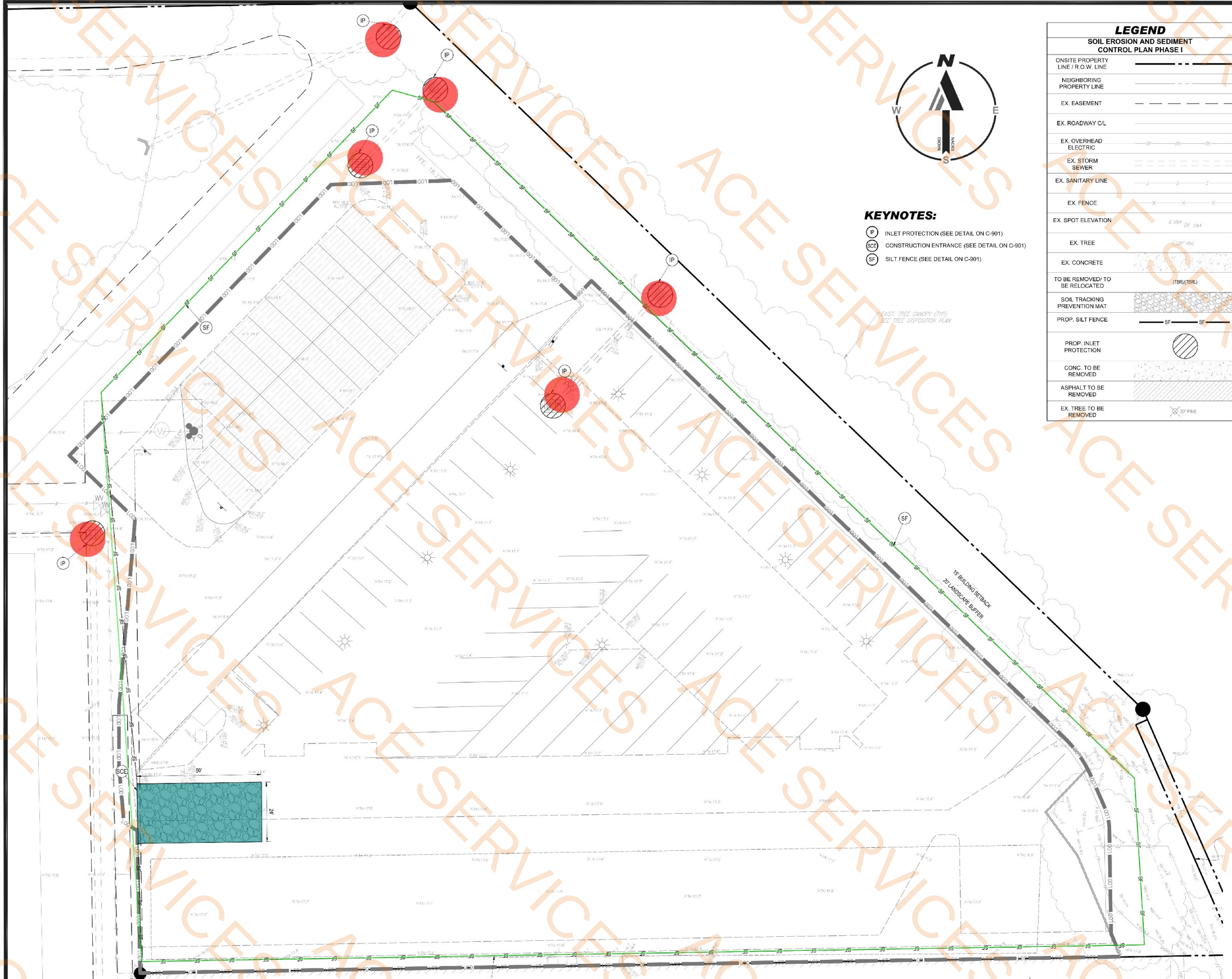
SHEET TITLE:

**LANDSCAPE
PLAN**

SHEET NUMBER:

ET NUMBER:
C-703

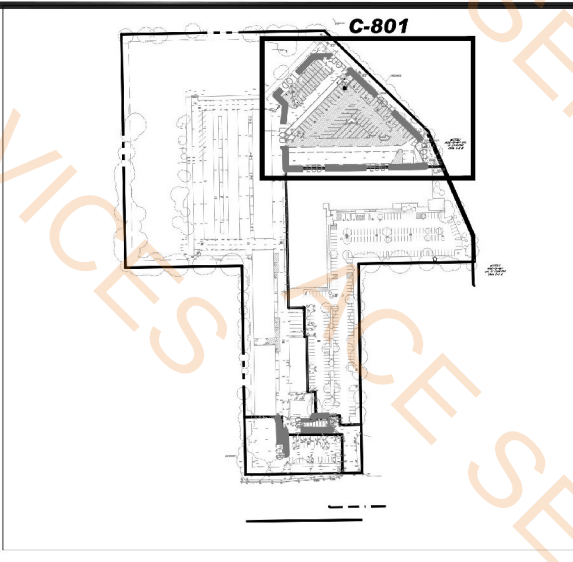
ORG. DATE - 3/11/2025



KEYNOTES:

- IP INLET PROTECTION (SEE DETAIL ON C-801)
- SCE CONSTRUCTION ENTRANCE (SEE DETAIL ON C-801)
- SF SILT FENCE (SEE DETAIL ON C-801)

LEGEND	
SOIL EROSION AND SEDIMENT CONTROL PLAN PHASE I	
ONSITE PROPERTY LINE / R.O.W. LINE	---
NEIGHBORING PROPERTY LINE	---
EX. EASEMENT	---
EX. ROADWAY C/L	---
EX. OVERHEAD ELECTRIC	---
EX. STORM SEWER	---
EX. SANITARY LINE	---
EX. FENCE	---
EX. SPOT ELEVATION	---
EX. TREE	---
EX. CONCRETE	---
TO BE REMOVED / TO BE RELOCATED	---
SOIL TRACKING PREVENTION MAT	---
PROP. SILT FENCE	---
PROP. INLET PROTECTION	---
CONC. TO BE REMOVED	---
ASPHALT TO BE REMOVED	---
EX. TREE TO BE REMOVED	---



POLLUTION PREVENTION NOTES

- EROSION AND SEDIMENT CONTROL BMPs IN ADDITION TO THOSE PRESENTED ON THESE PLANS SHALL BE IMPLEMENTED AS NECESSARY TO PREVENT TURBID DISCHARGES FROM FLOWING ONTO ADJACENT PROPERTIES OR ROADWAYS. OFF SITE STORMWATER CONVEYANCES OR RECEIVING WATERS, OR ON SITE WETLANDS AND SURFACE WATERS. BMPs SHALL BE DESIGNED, INSTALLED, AND MAINTAINED BY THE SITE OPERATOR TO ENSURE THAT OFF SITE SURFACE WATER QUALITY REMAINS CONSISTENT WITH FEDERAL, STATE, AND LOCAL REGULATIONS. THE OPERATOR IS THE ENTITY THAT OWNS OR OPERATES THE CONSTRUCTION ACTIVITY AND HAS AUTHORITY TO CONTROL THOSE ACTIVITIES AT THE PROJECT NECESSARY TO ENSURE COMPLIANCE.
- OFF SITE SURFACE WATER DISCHARGES, DISCHARGES TO ONSITE WETLANDS, OR SURFACE WATERS WITH TURBIDITY IN EXCESS OF 20 NEPHELOMETRIC TURBIDITY UNITS (NTU) ABOVE BACKGROUND LEVEL SHALL BE IMMEDIATELY CORRECTED. SUCH INCIDENTS SHALL BE REPORTED TO WATER RESOURCES WITHIN 24 HOURS OF THE OCCURRENCE. THE REPORT SHALL INCLUDE THE CAUSE OF THE DISCHARGE AND CORRECTIVE ACTIONS TAKEN.
- THE OPERATOR SHALL ENSURE THAT ADJACENT PROPERTIES ARE NOT IMPACTED BY WIND EROSION, OR EMISSIONS OF UNCONFINED PARTICULATE MATTER IN ACCORDANCE WITH RULE 62-296.320(4)(C)1, F.A.C., BY TAKING APPROPRIATE MEASURES TO STABILIZE AFFECTED AREAS.
- FUEL AND OTHER PETROLEUM PRODUCT SPILLS THAT ENTER STORMWATER DRAINS OR WATERBODIES, OR FUEL AND OTHER PETROLEUM PRODUCT SPILLS THAT ARE IN EXCESS OF 25 GALLONS SHALL BE CONTAINED, CLEANED UP, AND IMMEDIATELY REPORTED TO WATER RESOURCES. SMALLER GROUND SURFACE SPILLS SHALL BE CLEANED UP AS SOON AS PRACTICAL.
- IF CONTAMINATED SOIL AND/OR GROUNDWATER IS DISCOVERED DURING DEVELOPMENT OF THE SITE, ALL ACTIVITY IN THE VICINITY OF THE CONTAMINATION SHALL IMMEDIATELY CEASE AND WATER RESOURCES SHALL BE CONTACTED.
- PRIOR TO DEMOLITION OF EXISTING ON SITE STRUCTURES AN ASBESTOS SURVEY AND/OR ASBESTOS NOTIFICATION MAY BE REQUIRED.
- NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM:
 - A. NPDES CONSTRUCTION GENERIC PERMIT COVERAGE SHALL BE OBTAINED AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION COMMENCEMENT IN ACCORDANCE WITH RULE 62-291.300(4)(a), F.A.C.
 - B. A COPY OF THE CERTIFIED NPDES NOI, OR A COPY OF THE FDEP COVERAGE CONFIRMATION LETTER SHALL BE POSTED AT THE SITE IN ACCORDANCE WITH RULE 62-291.300(4)(a) PART III.C.2, F.A.C.
 - C. A COPY OF THE CERTIFIED NPDES NOI, OR A COPY OF THE FDEP COVERAGE CONFIRMATION LETTER SHALL BE PROVIDED TO WATER RESOURCES IN ACCORDANCE WITH RULE 62-291.300(4)(a) PART III.D.1, F.A.C.
 - D. THE SWPPP SHALL BE CERTIFIED IN ACCORDANCE WITH RULE 62-291.300(4)(a) PART V.D.5, F.A.C.
 - E. A COPY OF THE SWPPP, AND COPIES OF THE INSPECTION AND MAINTENANCE RECORDS SHALL BE MAINTAINED AT THE PROJECT SITE, AND SHALL BE READILY AVAILABLE TO COUNTY OR STATE INSPECTORS.
- THE DISCHARGE OF GROUNDWATER PRODUCED THROUGH DEWATERING, TO SURFACE WATERS, OR ANY PORTION OF THE MSA WILL REQUIRE SEPARATE PERMITTING FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP). PERMIT(S) SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF DEWATERING.

MAINTENANCE NOTES

- N.P.D.E.S. PERMIT COMPLIANCE REQUIRES INSPECTIONS EVERY 7 CALENDAR DAYS BY A NPDES QUALIFIED INSPECTOR AND PERIODIC INSPECTIONS WITHIN 24 HOURS OF ANY RAINFALL EVENT OF 0.5" OR GREATER. THESE INSPECTIONS MAY RESULT IN RECOMMENDATIONS FOR ROUTINE MAINTENANCE OF THE SOIL EROSION CONTROL DEVICES, AS WELL AS FURTHER MAINTENANCE AS OUTLINED BELOW. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ENSURE N.P.D.E.S. COMPLIANCE.
- INSPECTIONS BY CONTRACTOR MUST OCCUR AT LEAST ONCE A WEEK OR WITHIN 24 HOURS OF A STORM EVENT 0.5" OR GREATER.
 - THROUGHOUT THE CONSTRUCTION PERIOD, ALL MUDSILT TRACKED ONTO EXISTING ROADS FROM THE SITE DUE TO CONSTRUCTION SHALL BE IMMEDIATELY REMOVED BY THE CONTRACTOR.
 - CATCH BASIN INLET AND CONCRETE FLUME FILTERS SHALL BE MAINTAINED CLEAN AT ALL TIMES THROUGHOUT THE CONSTRUCTION PERIOD. WEEKLY INSPECTIONS WILL BE PERFORMED EVERY 7 CALENDAR DAYS. IF A FILTER HAS HOLES OR IS INUNDATED WITH SEDIMENT, THE FILTER WILL REQUIRE REPLACEMENT BY CONTRACTOR.
 - CONSTRUCTION ACCESS AND TRACKING MAT MUST BE MAINTAINED BY CONTRACTOR. REPLENISH CRUSHED AGGREGATE IF PRESENT LAYER IS FILLED WITH SEDIMENT, POOLING WATER, OR HAS RUTS. A NEW LAYER MAY BE ADDED IF OLD LAYERS BECOME COMPACTED.
 - SILT FENCE IS TO BE INSPECTED DAILY BY CONTRACTOR AND EVERY 7 CALENDAR DAYS BY N.P.D.E.S. QUALIFIED INSPECTOR. IF REPAIRS OR REPLACEMENT IS NECESSARY, IT SHALL BE PERFORMED IMMEDIATELY. THE SILT FENCE SHOULD BE TRENCHED IN, BACK-FILLED, AND STAPLED OR STAKED ACCORDING TO THE MANUFACTURERS SPECIFICATIONS. MAINTENANCE INCLUDES THE REMOVING OF BUILT-UP SEDIMENT. WHEN THE SEDIMENT ACCUMULATES TO 1/3 OF THE HEIGHT OF THE FENCE, CONTRACTOR MAY HAVE TO REMOVE, REPLACE, RETRENCH, OR RE-BACKFILL THE FENCE IF IT FAILS. IT WOULD ALSO BE NECESSARY TO REINSTALL IF ANY PORTION OF THE FENCING WAS DAMAGED BY CONSTRUCTION MACHINERY.
 - SEEDING OR RESEEDING MAY BE REQUIRED IMMEDIATELY WHERE HAVE BEEN DAMAGED BY RUNOFF.
 - THE CONTRACTOR SHALL CONTINUOUSLY ENSURE THAT THE PERIMETER OF THE SITE, INCLUDING CONSTRUCTION ENTRANCES, IS SECURED FROM ALLOWING DEBRIS TO LEAVE THE SITE DUE TO CONSTRUCTION ACTIVITY OR RAINFALL EVENTS. A WEEKLY LOG SHALL BE UPDATED AND KEPT ON SITE IN ACCORDANCE WITH THE N.P.D.E.S. PERMIT. BY BIDDING DOCUMENTS CONTRACTOR ACKNOWLEDGES HE/SHE IS AWARE OF N.P.D.E.S. GUIDELINES AND POLICIES AS WELL AS BEST MANAGEMENT PRACTICES AND ASSUMES SOLE RESPONSIBILITY FOR FINES IMPOSED BY GOVERNMENTAL AGENCIES DUE TO VIOLATIONS.

SEQUENCE OF CONSTRUCTION

- UPON IMPLEMENTATION AND INSTALLATION OF THE FOLLOWING AREAS: TRAILER, PARKING, LAYDOWN, PORTABLE RESTROOMS, WHEELED WASTE DISPOSAL (DUMPSTERS), WHEEL WASH, CONCRETE WASH-OUT, FUEL AND MATERIAL STORAGE CONTAINERS, SOLID WASTE CONTAINERS, ETC. IMMEDIATELY DENOTE THEM ON THE SITE MAPS AND NOTE ANY CHANGES IN THEIR LOCATIONS ON THE SITE MAP.
- PHASE 1
- CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AND INSTALL SILT FENCE.
 - INSTALL INLET PROTECTION AT EXISTING INLET(S).
 - PREPARE CLEARING AND GRUBBING OF THE SITE, IF APPLICABLE.
 - INSTALL STORMWATER CONVEYANCE STRUCTURES AND CULVERTS, ENSURE THAT NEW INLETS ARE PROTECTED PRIOR TO MAKING THE OUTFALL CONNECTION.
- PHASE 2
- PERFORM MASS GRADING, ROUGH GRADE TO ESTABLISH PROPOSED DRAINAGE PATTERNS.
 - START CONSTRUCTION OF THE PROPOSED BUILDING PAD AND STRUCTURES.
 - TEMPORARILY SEED WITH PURE LIVE SEED THROUGHOUT THE CONSTRUCTION DISTURBED AREAS THAT WILL BE INACTIVE FOR 7 DAYS OR MORE AS REQUIRED BY THE GENERIC PERMIT.

- Stabilized Construction Entrance
- Inlet Protection
- Silt Fence

1206.5 SQ FT
6.0 EA
1280.2 FT

THIS PLAN TO BE UTILIZED FOR
SOIL EROSION AND SEDIMENT
CONTROL PURPOSES ONLY



REVISIONS			
REV	DATE	COMMENT	DRAWN BY

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PROJECT NO.: FLB220215.00
DRAWN BY: AC
CHECKED BY: RC
DATE: 04/17/2025
CAD ID: P-CIVL-EROS

PROP. SITE PLAN DOCUMENTS

FOR

SmartStop Self Storage

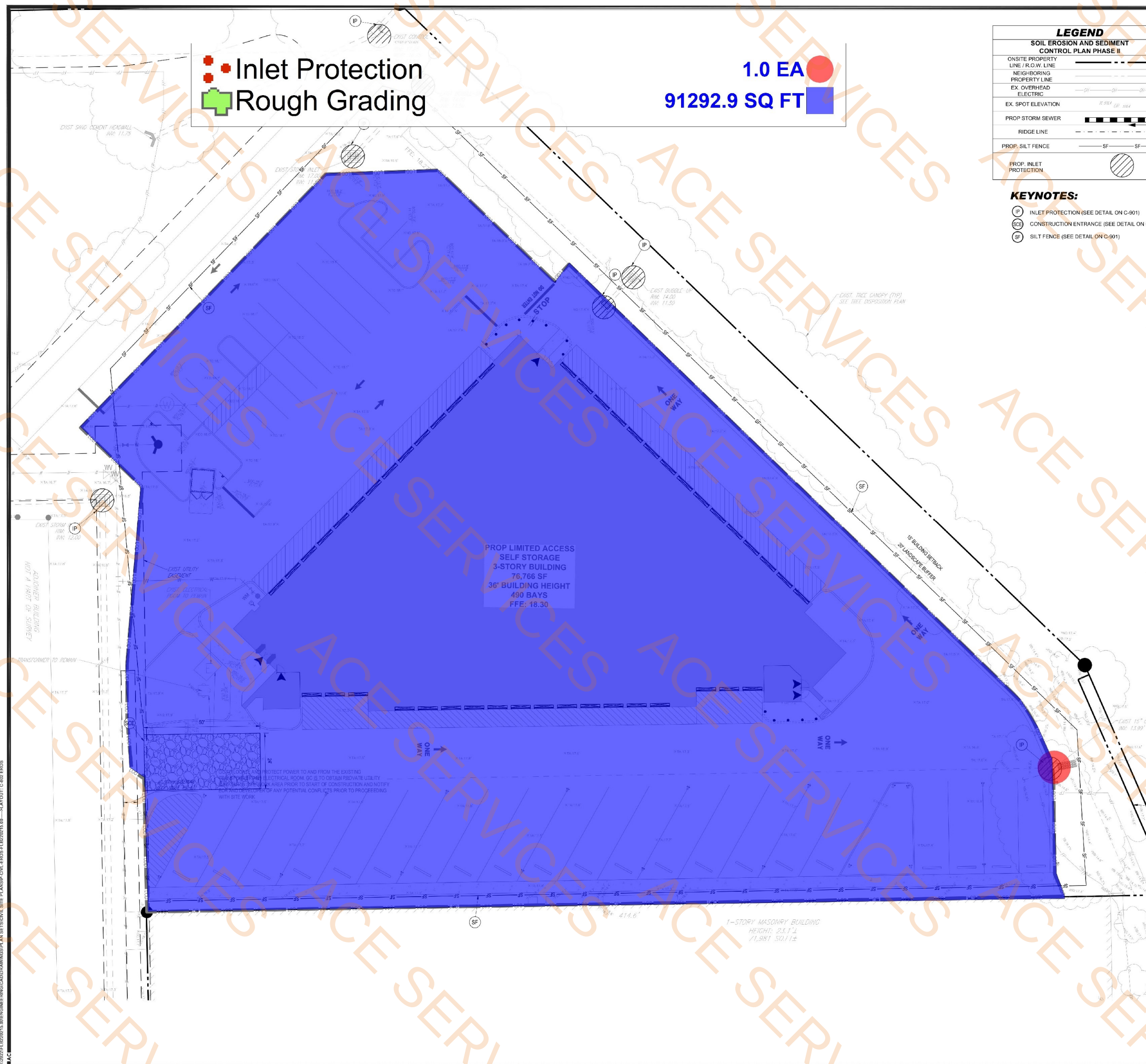
SMARTSTOP SELF STORAGE

8135 LAKE WORTH ROAD
LAKE WORTH, FL 33467
PALM BEACH COUNTY

SHEET TITLE:
SOIL EROSION AND SEDIMENT CONTROL PLAN PHASE 1

SHEET NUMBER:
C-801

ORIG. DATE - 04/17/2025



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1 FIRST FLOOR LIFE SAFETY PLAN
3/32" = 1'-0"

- Portable Fire Extinguisher W/Semi- Recessed Cabinet 11.0 EA
- Fire Department Knox Box 1.0 EA

LIFE SAFETY SYMBOL LEGEND	
Mark	Description
2-HR	2 - HOUR FIRE RATED WALL
→	DIRECTION OF TRAVEL
⊕	ILLUMINATED EXIT SIGN DIRECTIONAL INDICATOR / NO MORE THAN 100' APART IBC 1030
F.E.	PORTABLE FIRE EXTINGUISHER 2A: 10B: C TYPE, SEMI-RECESSED MOUNTED @ 4'-6" A.F.F., INSTALLED IN SEMI-RECESSED CABINET W/4" MAX. PROJECTION FROM WALL
KB	FIRE DEPARTMENT KNOX BOX PER CITY SPEC

FLOOR AREA: 24,727 S.F.
OCCUPANT 500 = 50 OCCUPANT
OCCUPANT 50 / 3 EXIT = 17 OCCUPANT PER EXIT
36" EXIT WIDTH / 0.20 = 180 EXIT PROVIDED

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Date: 2025.02.10 12:16:32 -05'00'

PROJECT 1
SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA
OWNER

REVISIONS		
No.	Description	Date

PROJECT STATUS
CONSTRUCTION DOCUMENTS
DATE 02-07-2025
PROJECT NUMBER 18-2023
SCALE AS SHOWN

DRAWN BY OH CHECKED BY BPH

DRAWING TITLE
1ST FLOOR
LIFE SAFETY PLAN

DRAWING NUMBER
G-101

AVAILATION OF THE PLAN FOR ANY PERSON UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT TO ALTER THESE PLANS AND SPECIFICATIONS. THIS DOCUMENT CONTAINS PROPERTY INFORMATION AND SHALL NOT BE USED OR REPRODUCED, OR ITS CONTENTS DISCLOSED IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF GMA ARCHITECTS & DEVELOPMENT CONSULTANTS.



1 SECOND FLOOR LIFE SAFETY PLAN
3/32" = 1'-0"

■ ■ Portable Fire Extinguisher W/Semi- Recessed Cabinet 12.0 EA

FLOOR AREA: 26,019 S.F.
OCCUPANT $\frac{1}{500}$ = 52 OCCUPANT
OCCUPANT $\frac{52}{2}$ EXIT = 26 OCCUPANT PER EXIT
36" EXIT WIDTH / 0.20 = 180 EXIT PROVIDED.

LIFE SAFETY SYMBOL LEGEND	
Mark	Description
---2HR---	2 - HOUR FIRE RATED WALL
→	DIRECTION OF TRAVEL
⬆ ⬆	ILLUMINATED EXIT SIGN DIRECTIONAL INDICATOR / NO MORE THAN 100' APART FBC 1030
⊗ F.E.	PORTABLE FIRE EXTINGUISHER 2A: 10B: C TYPE, SEMI-RECESSED MOUNTED @ 4'-6" A.F.F. INSTALLED IN SEMI-RECESSED CABINET W/4" MAX. PROJECTION FROM WALL
KB	FIRE DEPARTMENT KNOX BOX PER CITY SPEC

SEAL

Brian Herbert

ert

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Date: 2025.02.10 12:12:39 -05'00'

PROJECT 1

SMART STOP SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

OWNER

REVISIONS

No.	Description	Date

PROJECT STATUS

CONSTRUCTION DOCUMENTS

DATE

02-07-2025

PROJECT NUMBER

18-2023

SCALE

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DRAWING TITLE

2ND FLOOR LIFE SAFETY PLAN

DRAWING NUMBER

G-102

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1 THIRD FLOOR LIFE SAFETY PLAN
3/32" = 1'-0"

•• Portable Fire Extinguisher W/Semi- Recessed Cabinet

12.0 EA

LIFE SAFETY SYMBOL LEGEND	
Mark	Description
---2HR---	2 - HOUR FIRE RATED WALL
→	DIRECTION OF TRAVEL
⬆ ⬆	ILLUMINATED EXIT SIGN DIRECTIONAL INDICATOR / NO MORE THAN 100' APART FBC 1030
⊗ F.E.	PORTABLE FIRE EXTINGUISHER 2A: 10B: C TYPE, SEMI-RECESSED MOUNTED @ 4'-6" A.F.F. INSTALLED IN SEMI-RECESSED CABINET W/4" MAX. PROJECTION FROM WALL
KB	FIRE DEPARTMENT KNOX BOX PER CITY SPEC

FLOOR AREA: 26,053 S.F.
OCCUPANT $\frac{1}{500}$ = 52 OCCUPANT
OCCUPANT $\frac{52}{2}$ EXIT = 26 OCCUPANT PER EXIT
36" EXIT WIDTH / 0.20 = 180 EXIT PROVIDED.

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PROJECT 1
SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA
OWNER

REVISIONS		
No.	Description	Date

PROJECT STATUS
CONSTRUCTION DOCUMENTS
DATE
02-07-2025
PROJECT NUMBER
18-2023
SCALE
AS SHOWN

DRAWN BY: OH
CHECKED BY: BPH

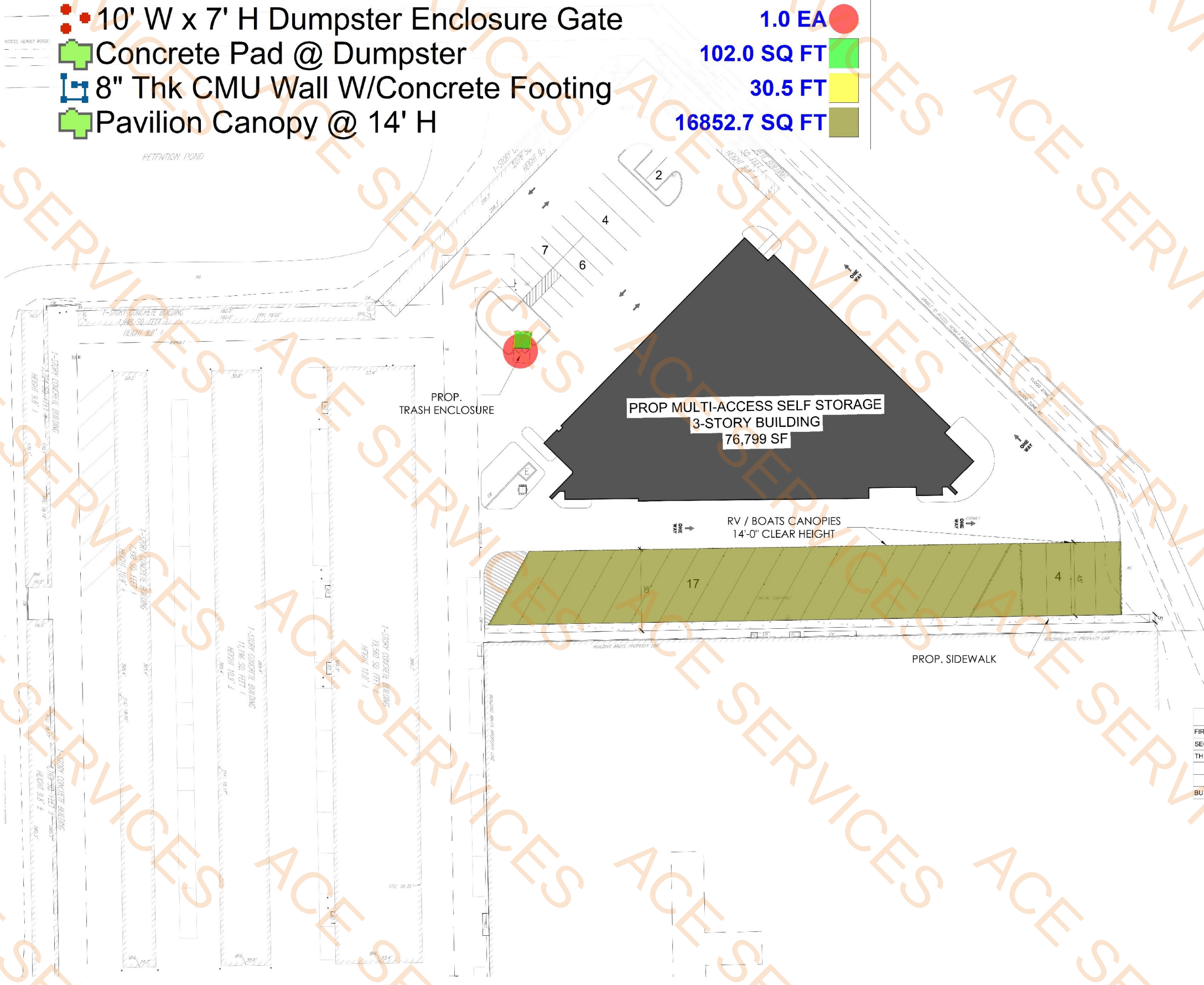
DRAWING TITLE
3RD FLOOR
LIFE SAFETY PLAN

DRAWING NUMBER
G-103

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- 10' W x 7' H Dumpster Enclosure Gate
- Concrete Pad @ Dumpster
- 8" Thk CMU Wall W/Concrete Footing
- Pavilion Canopy @ 14' H

1.0 EA
102.0 SQ FT
30.5 FT
16852.7 SQ FT



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Date: 2025.02.07 14:33:18 -05'00'

SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

PROJECT LOCATION
8135 LAKE WORTH RD. LAKE WORTH BEACH, FL. 33467
TOTAL APPROX. BUILDING AREA: 76,799 S.F.
APPROX. SITE AREA OF THIS PROJECT

BUILDING AREAS	AREA	APPROX. STOR. UNITS
FIRST FLOOR	24,727 SF	151
SECOND FLOOR	26,019 SF	175
THIRD FLOOR	26,053 SF	162
GROSS BUILDING AREA	76,799 SF	488
BUILDING FOOT PRINT	24,727 SF	

No.	Description	Date

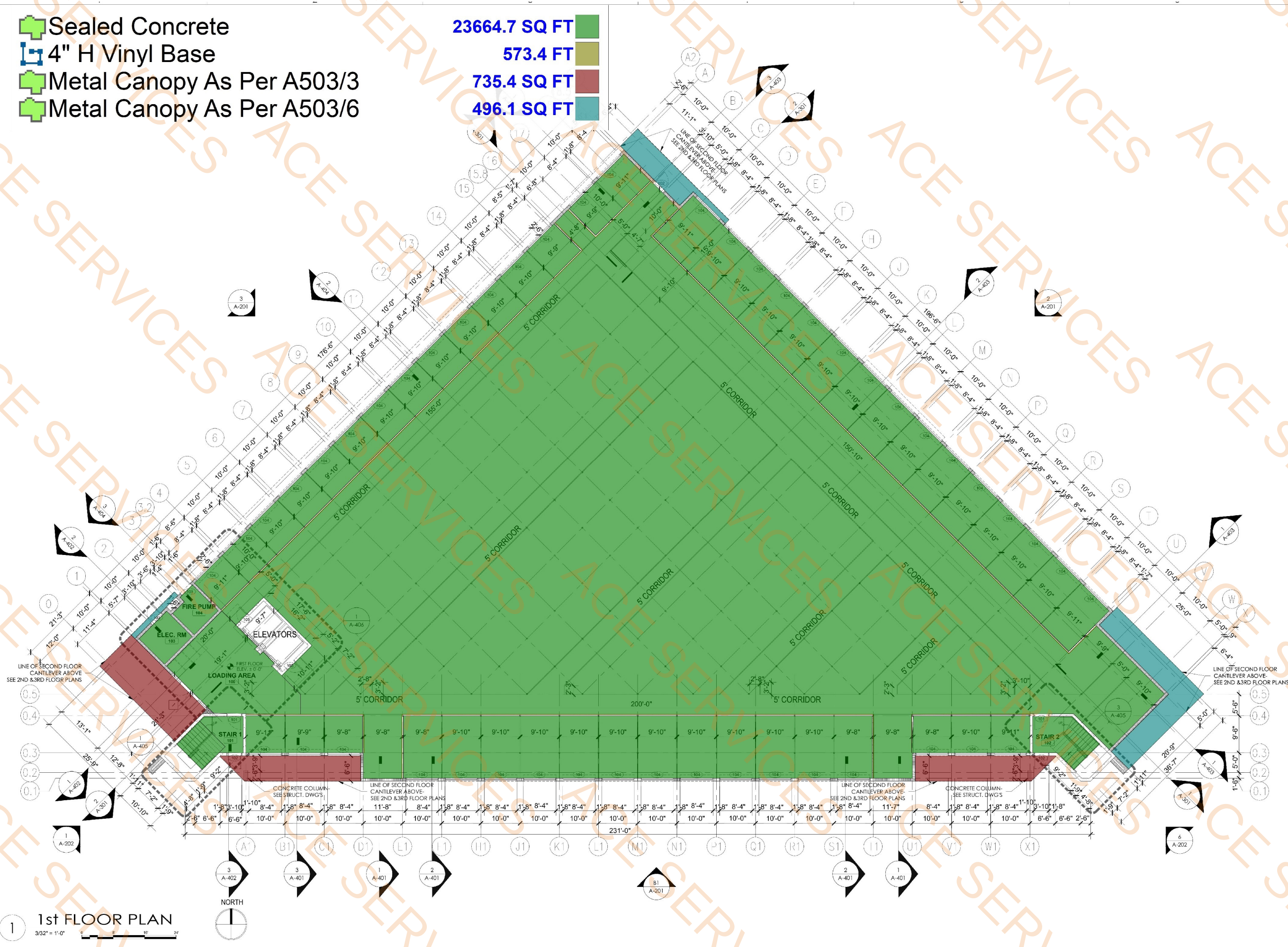


LOCATION MAP
NOT TO SCALE

CONSTRUCTION DOCUMENTS
DATE: 02-07-2025
PROJECT NUMBER: 18-2023
SCALE: AS SHOWN
DRAWN BY: OH
CHECKED BY: BPH
DRAWING TITLE: ARCHITECTURAL SITE PLAN
DRAWING NUMBER: AS-101

- Sealed Concrete
- 4" H Vinyl Base
- Metal Canopy As Per A503/3
- Metal Canopy As Per A503/6

23664.7 SQ FT
573.4 FT
735.4 SQ FT
496.1 SQ FT



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SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

No.	Description	Date

CONSTRUCTION DOCUMENTS

02-07-2025
18-2023

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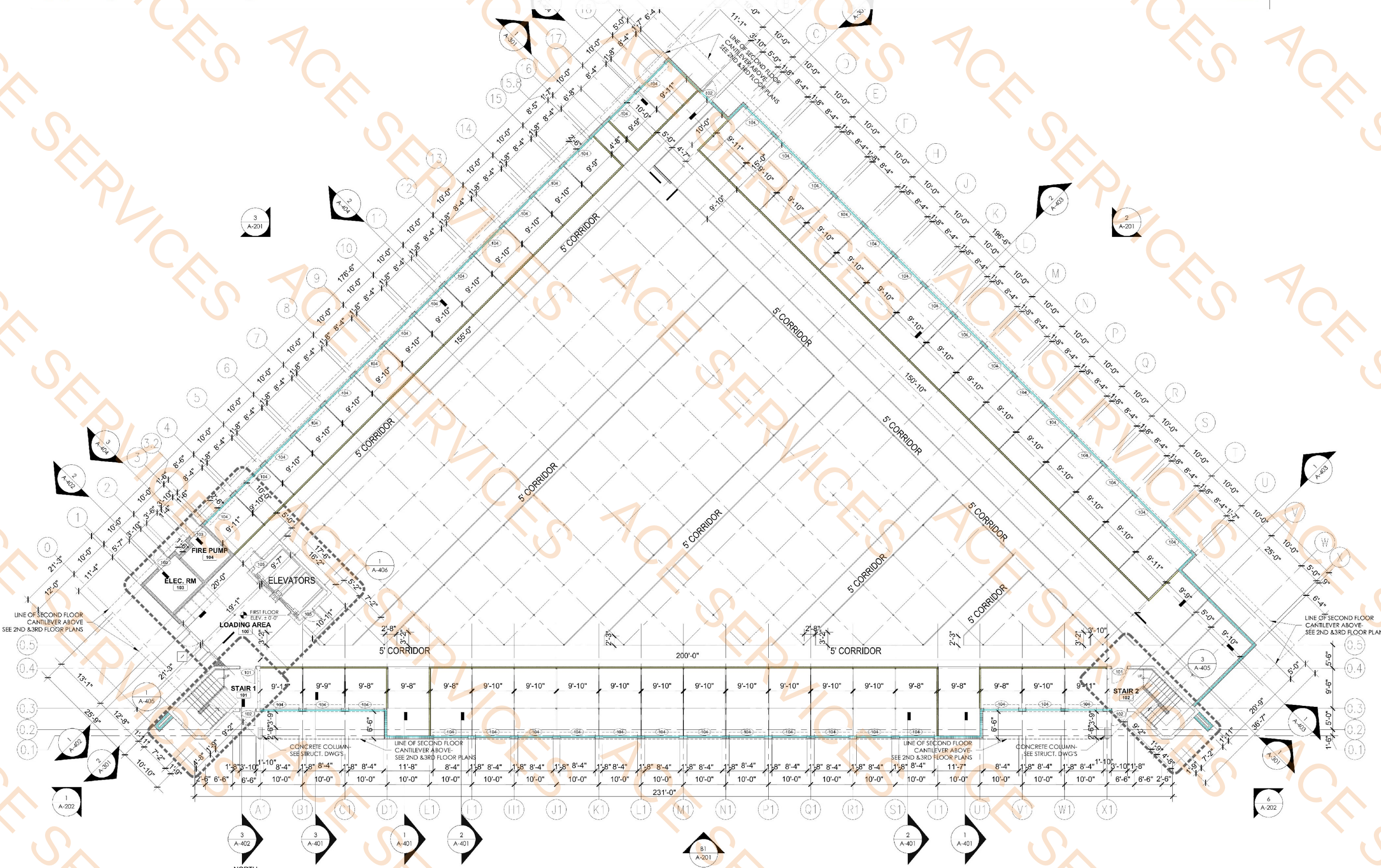
1st FLOOR PLAN

A-101

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8" Thk Split Face CMU Wall W/Class A Non Combustible Foam insulation @ 12' H
Tag W3 Wall @ 12' H

614.5 FT
570.4 FT



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Date: 2025.02.10 12:13:02 -05'00'

**SMART STOP
SELF STORAGE**

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

REVISIONS		
No.	Description	Date

PROJECT STATUS
CONSTRUCTION DOCUMENTS
DATE: 02-07-2025
PROJECT NUMBER: 18-2023
SCALE: AS SHOWN
DRAWN BY: OH
CHECKED BY: BPH
DRAWING TITLE: 1st FLOOR PLAN

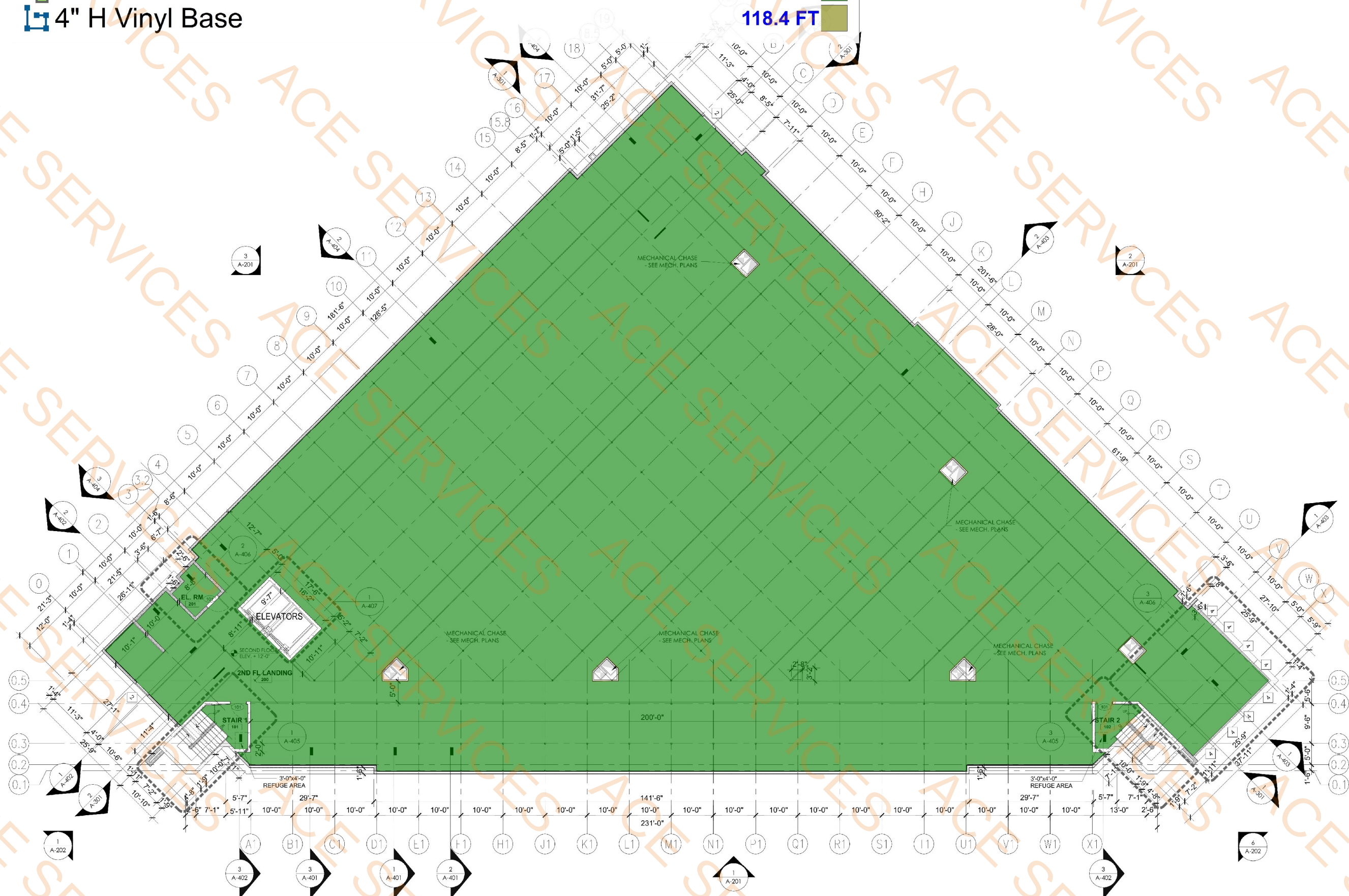
DRAWING NUMBER
A-101

1st FLOOR PLAN
3/32" = 1'-0"

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 Sealed Concrete
 4" H Vinyl Base

24885.0 SQ FT
118.4 FT



1 2nd FLOOR PLAN
3/32" = 1'-0"



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SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

REVISIONS		
No.	Description	Date

PROJECT STATUS
CONSTRUCTION DOCUMENTS

DATE: 02-07-2025
PROJECT NUMBER: 18-2023

SCALE: AS SHOWN

DRAWN BY: OH CHECKED BY: BPH

DRAWING TITLE: 2nd FLOOR PLAN

DRAWING NUMBER: A-102

- 6" Metal Stud Exterior Wall W/Exterior Sheathing @ 12' H
Tag W4 Wall @ 12' H
8" Thk Split Face CMU Wall W/Class A Non Combustible Foam insulation @ 12' H
Tag W2 Wall @ 12' H
6" Metal Stud Exterior Wall W/Exterior Sheathing @ 3'-6" H

596.3 FT
28.1 FT
54.8 FT
111.3 FT
50.8 FT

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SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

No.	Description	Date

CONSTRUCTION DOCUMENTS

02-07-2025

PROJECT NUMBER

18-2023

SCALE

AS SHOWN

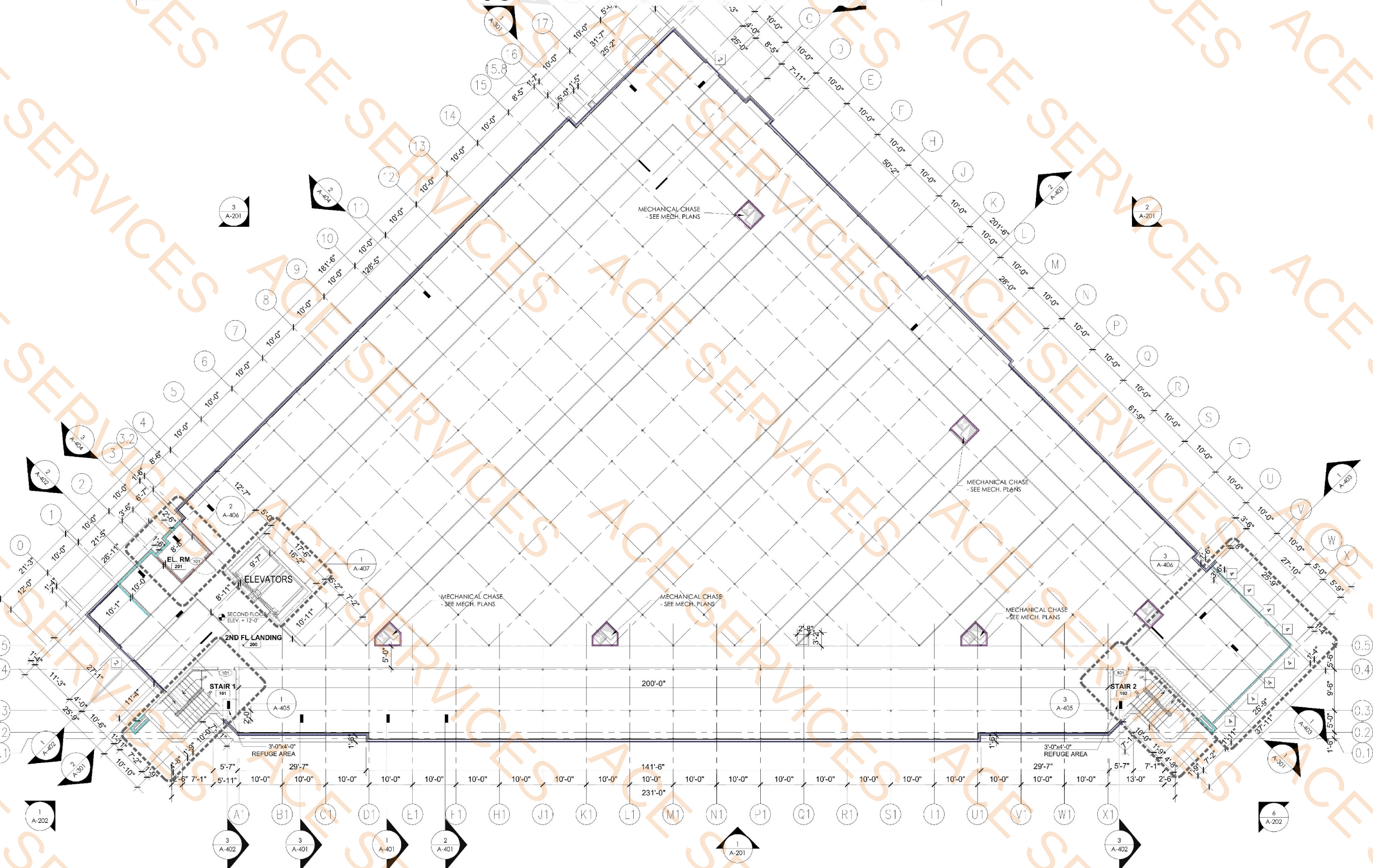
DRAWN BY: OH CHECKED BY: BPH

DRAWING TITLE

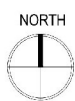
2nd FLOOR PLAN

DRAWING NUMBER

A-102



2nd FLOOR PLAN
3/32" = 1'-0"





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8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

[illegible]

PROJECT STATUS

CONSTRUCTION DOCUMENTS

02-07-2025

PROJECT NUMBER

18-2023

SCALE
AS SHOWN

A

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3rd FLOOR PLAN

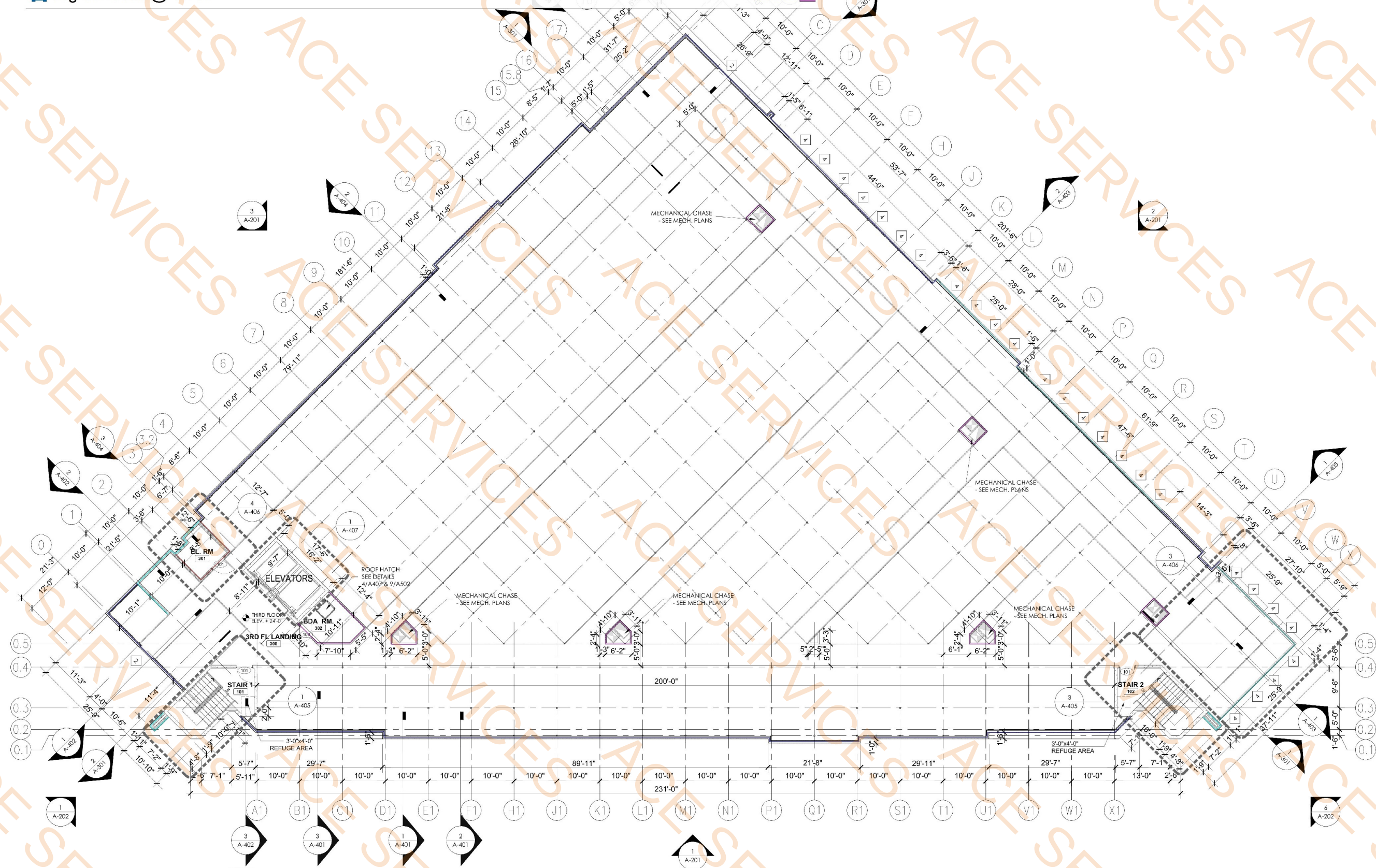
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- 6" Metal Stud Exterior Wall W/Exterior Sheathing @ 12' H
- Tag W4 Wall @ 12' H
- 8" Thk Split Face CMU Wall W/Class A Non Combustible Foam insulation @ 12' H
- 6" Metal Stud Exterior Wall W/Exterior Sheathing @ 3'-6" H
- Tag W2 Wall @ 12' H

527.2 FT
28.0 FT
54.1 FT
124.9 FT
143.8 FT



Brian Herbert

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Date: 2025.02.10
12:13:37 -05'00'

SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

REVISIONS		
No.	Description	Date

PROJECT STATUS
CONSTRUCTION DOCUMENTS

DATE
02-07-2025

PROJECT NUMBER
18-2023

SCALE
AS SHOWN

DRAWN BY
OH

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DRAWING TITLE
3rd FLOOR PLAN

DRAWING NUMBER
A-103

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ROOF AREA "D" CALCULATIONS

CALCULATION BASED ON FLORIDA BUILDING CODE - PLUMBING - 2023 ED.
RAINFALL RATE: = 5" PER HOUR (AS PER FIGURE 1106.1)

ROOF DRAINAGE AREA= 3,249 S.F. OF FLAT ROOF AREA

USE 1/2 OF VERTICAL = 663 S.F. OF VERTICAL PARAPET WALL AREA
PARAPET WALL AREA
(PER FBC PLUMBING 1106.4)

3,912 S.F. OF TOTAL ROOF DRAINAGE AREA

ROOF DRAIN SIZE: (1) ROOF DRAINS USED AT 3,912 S.F. OF PROJECTED ROOF AREA EA. (0.052 / 1 S.F.) = 203.4 G.P.M.
6"dia. ROOF DRAIN REQUIRED PER FPC Table 1106.2
6"dia. ROOF DRAIN 1/2 SLOPE YIELDS 487 >203.4 - OK
PROVIDE (1) 6" ROOF DRAIN

OVERFLOW ROOF DRAIN SIZE: (1) OVERFLOW DRAINS USED AT 3,912 S.F. OF PROJECTED ROOF AREA EA. (0.052 / 1 S.F.) = 203.4 G.P.M.
PROVIDE (1) 6" OVERFLOW DRAIN
LOCATE 2"min. OR 4"max. ABOVE ROOF DRAIN LEVEL

ROOF AREA "C" CALCULATIONS

CALCULATION BASED ON FLORIDA BUILDING CODE - PLUMBING - 2023 ED.
RAINFALL RATE: = 5" PER HOUR (AS PER FIGURE 1106.1)

ROOF DRAINAGE AREA= 5,315 S.F. OF FLAT ROOF AREA

USE 1/2 OF VERTICAL = 444 S.F. OF VERTICAL PARAPET WALL AREA
PARAPET WALL AREA
(PER FBC PLUMBING 1106.4)

5,759 S.F. OF TOTAL ROOF DRAINAGE AREA

ROOF DRAIN SIZE: (1) ROOF DRAINS USED AT 5,759 S.F. OF PROJECTED ROOF AREA EA. (0.052 / 1 S.F.) = 299.5 G.P.M.
6"dia. ROOF DRAIN REQUIRED PER FPC Table 1106.2
6"dia. ROOF DRAIN 1/2 SLOPE YIELDS 487 >299.5 - OK
PROVIDE (1) 6" ROOF DRAIN

OVERFLOW ROOF DRAIN SIZE: (1) OVERFLOW DRAINS USED AT 5,759 S.F. OF PROJECTED ROOF AREA EA. (0.052 / 1 S.F.) = 299.5 G.P.M.
PROVIDE (1) 6" OVERFLOW DRAIN
LOCATE 2"min. OR 4"max. ABOVE ROOF DRAIN LEVEL

ROOF AREA "B" CALCULATIONS

CALCULATION BASED ON FLORIDA BUILDING CODE - PLUMBING - 2023 ED.
RAINFALL RATE: = 5" PER HOUR (AS PER FIGURE 1106.1)

ROOF DRAINAGE AREA= 7,429 S.F. OF FLAT ROOF AREA

USE 1/2 OF VERTICAL = 444 S.F. OF VERTICAL PARAPET WALL AREA
PARAPET WALL AREA
(PER FBC PLUMBING 1106.4)

7,873 S.F. OF TOTAL ROOF DRAINAGE AREA

ROOF DRAIN SIZE: (1) ROOF DRAINS USED AT 7,873 S.F. OF PROJECTED ROOF AREA EA. (0.052 / 1 S.F.) = 409.4 G.P.M.
6"dia. ROOF DRAIN REQUIRED PER FPC Table 1106.2
6"dia. ROOF DRAIN 1/2 SLOPE YIELDS 487 >409.4 - OK
PROVIDE (1) 6" ROOF DRAIN

ROOF AREA "A" CALCULATIONS

CALCULATION BASED ON FLORIDA BUILDING CODE - PLUMBING - 2023 ED.
RAINFALL RATE: = 5" PER HOUR (AS PER FIGURE 1106.1)

ROOF DRAINAGE AREA= 8,313 S.F. OF FLAT ROOF AREA

USE 1/2 OF VERTICAL = 938 S.F. OF VERTICAL PARAPET WALL AREA
PARAPET WALL AREA
(PER FBC PLUMBING 1106.4)

9,251 S.F. OF TOTAL ROOF DRAINAGE AREA

ROOF DRAIN SIZE: (1) ROOF DRAINS USED AT 9,251 S.F. OF PROJECTED ROOF AREA EA. (0.052 / 1 S.F.) = 481.1 G.P.M.
6"dia. ROOF DRAIN REQUIRED PER FPC Table 1106.2
6"dia. ROOF DRAIN 1/2 SLOPE YIELDS 487 >481.1 - OK
PROVIDE (1) 6" ROOF DRAIN



- TPO Membrane Roof Over Insulation
- Roof Cricket
- Roof Curb W/Counter flashing
- Roof Edge @ Elevator (A502/6)
- 3'-4" x 3' Roof Hatch (A407/4)
- 1'-10" x 1' Roof Scupper W/7" x 4" Aluminum Downspout (A502/2)
- Roof Overflow Wall Scupper (A502/10)
- Parapet Wall @ 3'-9" H
- Parapet Wall @ 4'-3" H
- Parapet Wall @ 8'-0" H
- Parapet Wall @ 6'-0" H

24929.2 SQ FT
895.8 SQ FT
91.8 FT
54.3 FT
1.0 EA
4.0 EA
5.0 EA
204.0 FT
128.8 FT
141.9 FT
281.4 FT

Brian Herbert

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SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

No.	Description	Date

CONSTRUCTION DOCUMENTS

02-07-2025
18-2023

AS SHOWN
OH BPH

ROOF PLAN

A-104

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- Gypsum Board Ceiling
- 2" x 2" 14 GA Mesh Ceiling
- Exposed Ceiling
- Molding @ Mesh Ceiling

413.5 SQ FT
1890.8 SQ FT
21252.2 SQ FT
314.7 FT

CEILING LEGEND

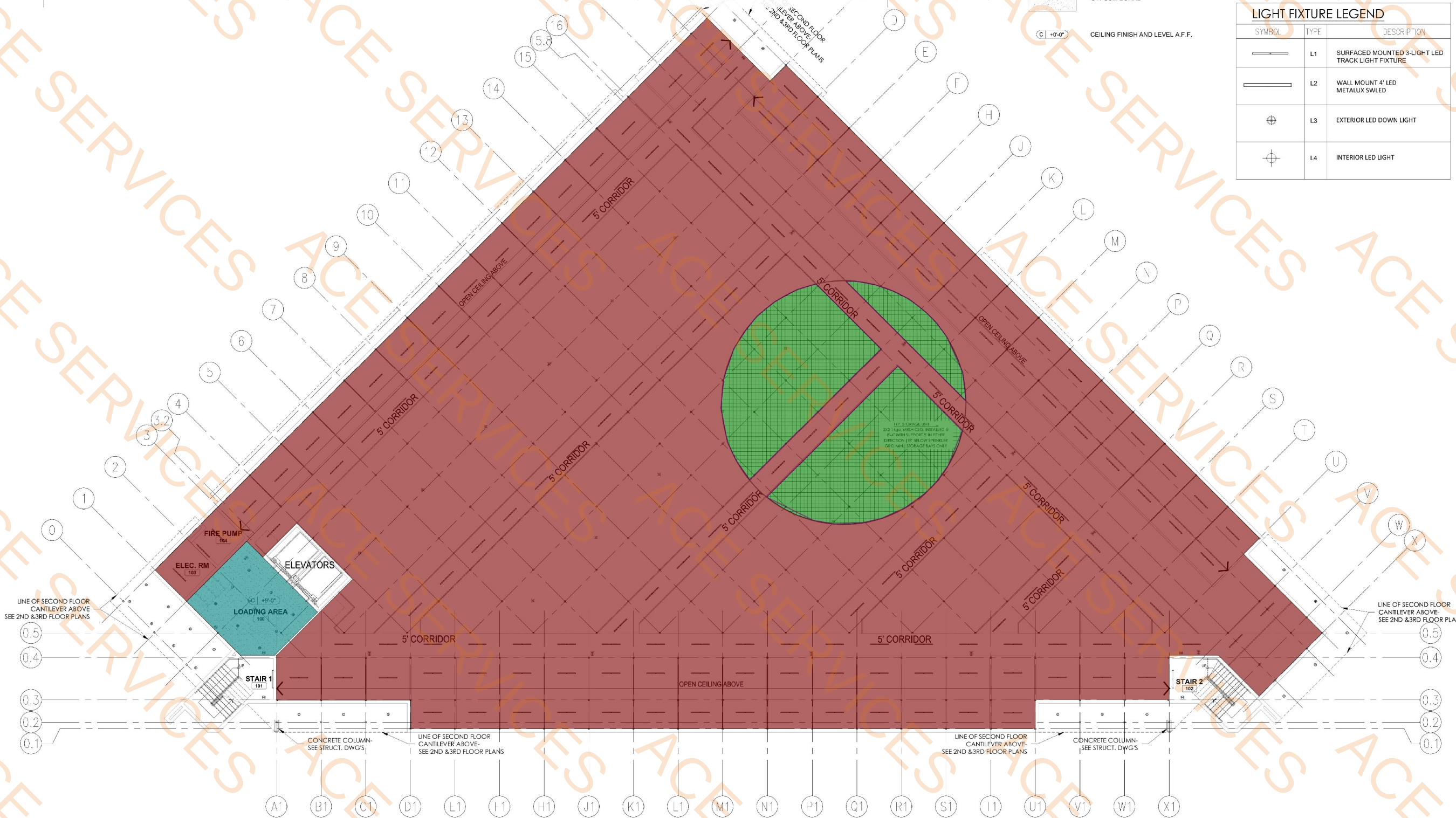
- A 2X2 14ga. MESH CL.G. INSTALLED @ 8'-4" WITH SUPPORT 5' IN EITHER DIRECTION (18" BELOW SPRINKLER GRID MIN.) STORAGE BAYS ONLY
- B EXPOSED STRUCTURE
- C GYPSUM BOARD
- (C) +0'-0" CEILING FINISH AND LEVEL A.F.F.

FIXTURE LEGEND

- DUAL FACE EXIT SIGN PROVIDE FIXTURE W/ BATTERY BACK UP. MATCH AREA INDICATES FACE OF SIGN (7 WATTS MAX. INPUT POWDER PER FACE).
- LINEAR GRILL DIFFUSER
- LINEAR GRILL RETURN
- 2X2 GRILL DIFFUSER
- 2X2 GRILL RETURN

LIGHT FIXTURE LEGEND

SYMBOL	TYPE	DESCRIPTION
	L1	SURFACED MOUNTED 3-LIGHT LED TRACK LIGHT FIXTURE
	L2	WALL MOUNT 4' LED METALUX SWLED
	L3	EXTERIOR LED DOWN LIGHT
	L4	INTERIOR LED LIGHT



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Date: 2025.02.07 14:20:54 -05'00'

SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

No.	Description	Date

CONSTRUCTION DOCUMENTS

DATE: 02-07-2025
PROJECT NUMBER: 18-2023

SCALE: AS SHOWN

DRAWN BY: OH CHECKED BY: BPH

DRAWING TITLE: 1st FLOOR REFLECTED CEILING PLAN

DRAWING NUMBER: A-105

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- 2" x 2" 14 GA Mesh Ceiling
- Exposed Ceiling
- Molding @ Mesh Ceiling

1890.8 SQ FT
22892.5 SQ FT
314.8 FT

CEILING LEGEND

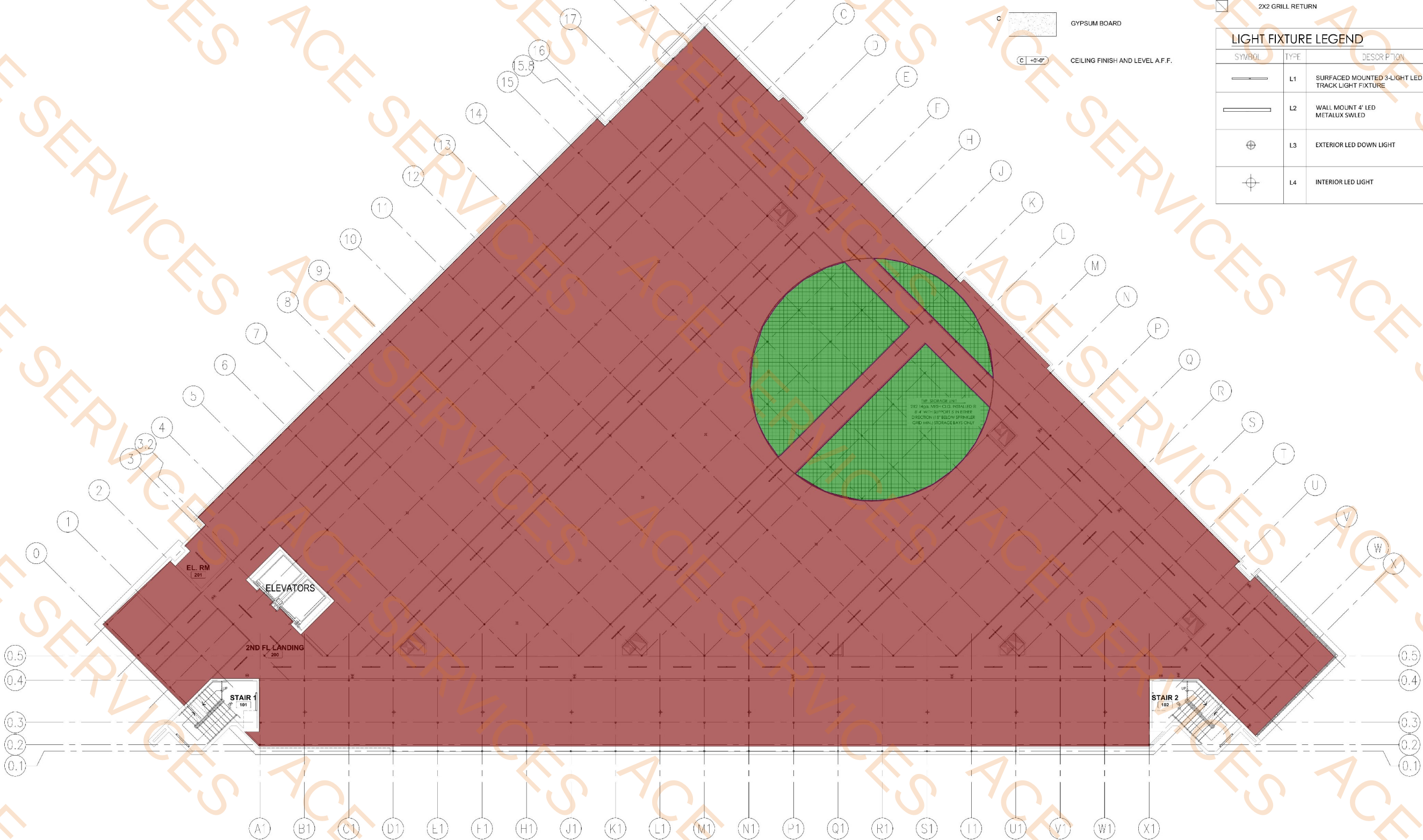
- A 2X2 14ga. MESH CLG. INSTALLED @ 8'-4" WITH SUPPORT 5' IN EITHER DIRECTION (18" BELOW SPRINKLER GRID MIN.) STORAGE BAYS ONLY
- B EXPOSED STRUCTURE
- C GYPSUM BOARD
- (C) +0'-0" CEILING FINISH AND LEVEL A.F.F.

FIXTURE LEGEND

- DUAL FACE EXIT SIGN PROVIDE FIXTURE W/ BATTERY BACK UP. MATCH AREA INDICATES FACE OF SIGN (7 WATTS MAX. INPUT POWDER PER FACE).
- LINEAR GRILL DIFFUSER
- LINEAR GRILL RETURN
- 2X2 GRILL DIFFUSER
- 2X2 GRILL RETURN

LIGHT FIXTURE LEGEND

SYMBOL	TYPE	DESCRIPTION
	L1	SURFACED MOUNTED 3-LIGHT LED TRACK LIGHT FIXTURE
	L2	WALL MOUNT 4' LED METALUX SWLED
	L3	EXTERIOR LED DOWN LIGHT
	L4	INTERIOR LED LIGHT



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SMART STOP SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

No.	Description	Date

CONSTRUCTION DOCUMENTS

02-07-2025

18-2023

AS SHOWN

DRAWN BY: OH CHECKED BY: BPH

2nd FLOOR REFLECTED CEILING PLAN

DRAWING NUMBER

A-106

- 2" x 2" 14 GA Mesh Ceiling
- Exposed Ceiling
- Molding @ Mesh Ceiling

1890.8 SQ FT
23283.9 SQ FT
306.6 FT

CEILING LEGEND

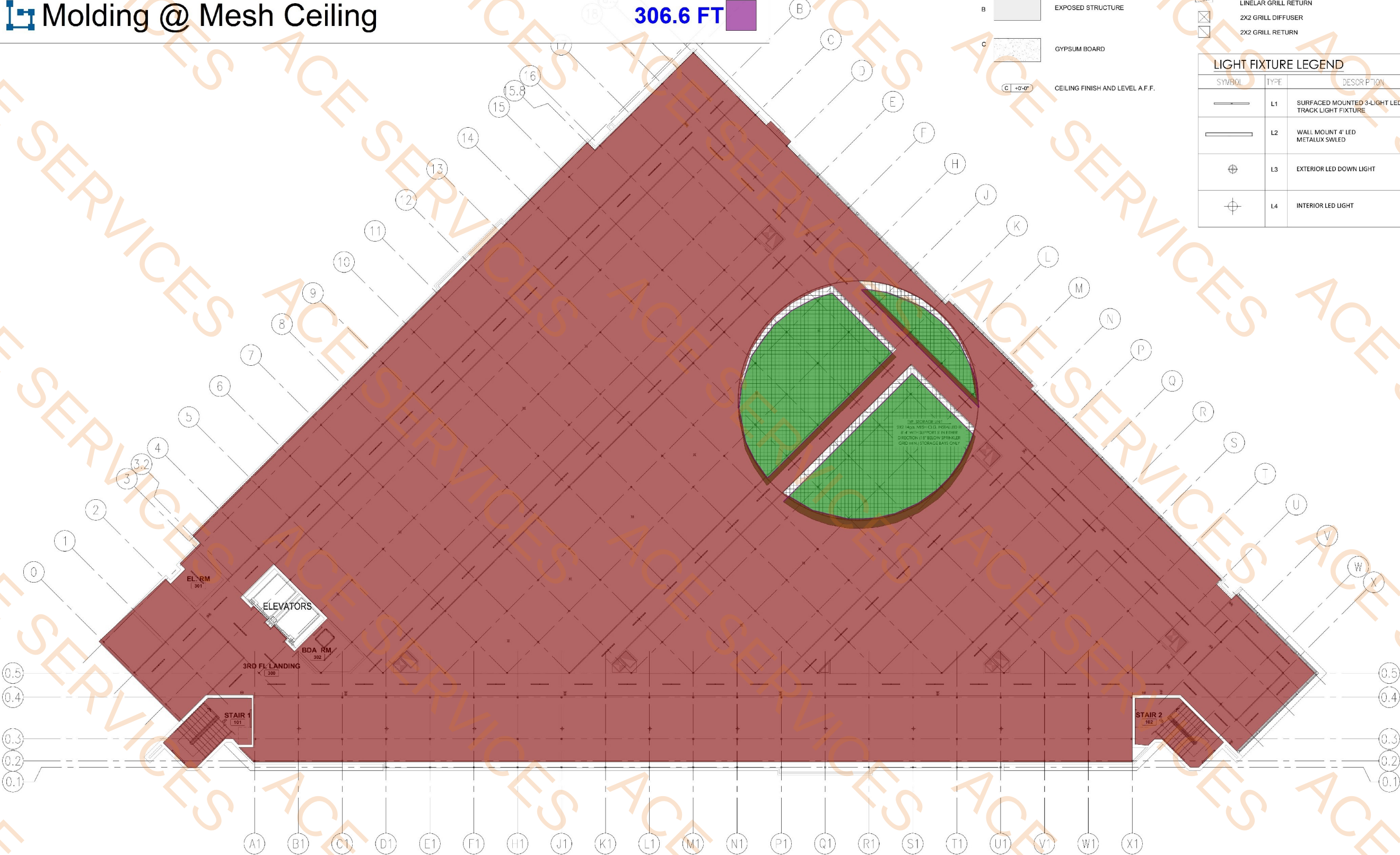
- 2X2 14ga. MESH CL.G. INSTALLED @ 8'-4" WITH SUPPORT 5' IN EITHER DIRECTION (18" BELOW SPRINKLER GRID MIN.) STORAGE BAYS ONLY
- EXPOSED STRUCTURE
- GYPSUM BOARD
- CEILING FINISH AND LEVEL A.F.F.

FIXTURE LEGEND

- DUAL FACE EXIT SIGN PROVIDE FIXTURE W/ BATTERY BACK UP. MATCH AREA INDICATES FACE OF SIGN (7 WATTS MAX. INPUT POWDER PER FACE).
- LINEAR GRILL DIFFUSER
- LINEAR GRILL RETURN
- 2X2 GRILL DIFFUSER
- 2X2 GRILL RETURN

LIGHT FIXTURE LEGEND

SYMBOL	TYPE	DESCRIPTION
	L1	SURFACED MOUNTED 3-LIGHT LED TRACK LIGHT FIXTURE
	L2	WALL MOUNT 4' LED METALUX SWLED
	L3	EXTERIOR LED DOWN LIGHT
	L4	INTERIOR LED LIGHT



1 3rd FLOOR RCP
3/32" = 1'-0"



Brian Herbert

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Brian Herbert
Date: 2025.02.07
14:21:48 -05'00'

SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

No.	Description	Date

PROJECT STATUS
CONSTRUCTION DOCUMENTS

DATE

02-07-2025

PROJECT NUMBER

18-2023

SCALE

AS SHOWN

DRAWN BY: OH CHECKED BY: BPH

DRAWING TITLE

3rd FLOOR

REFLECTED CEILING

PLAN

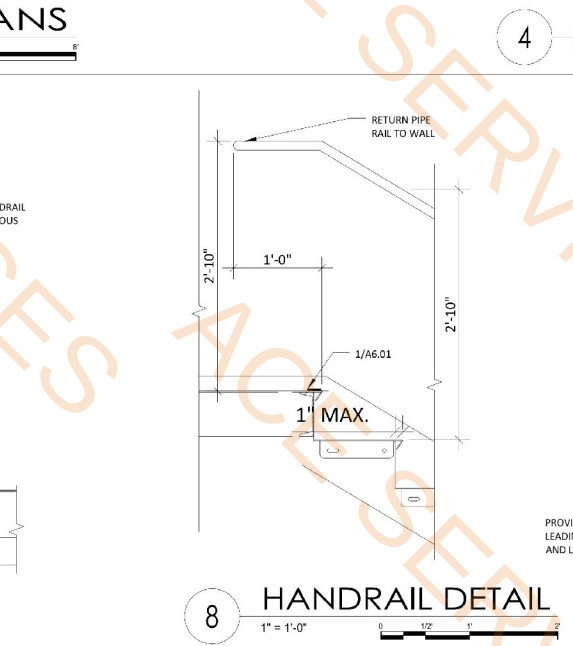
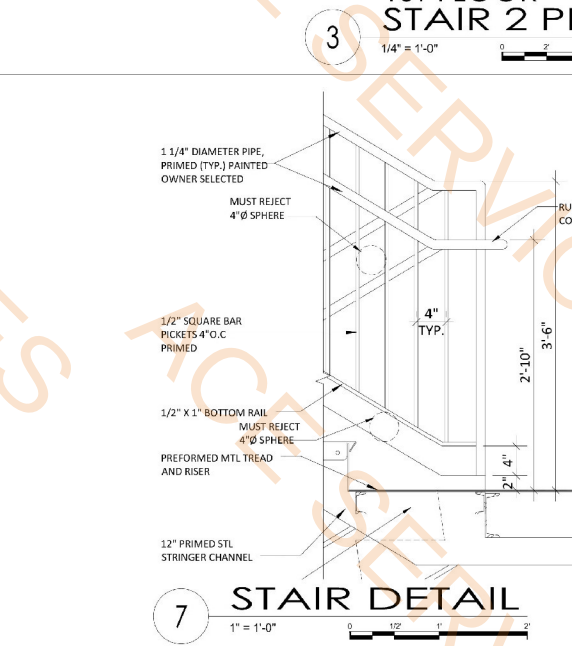
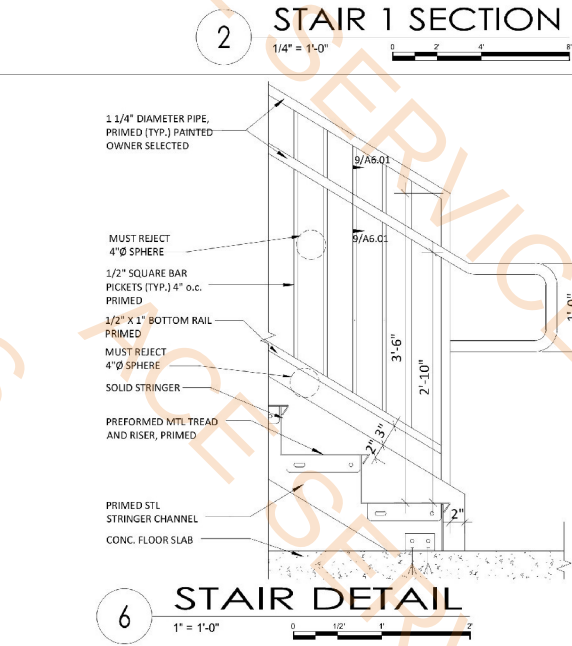
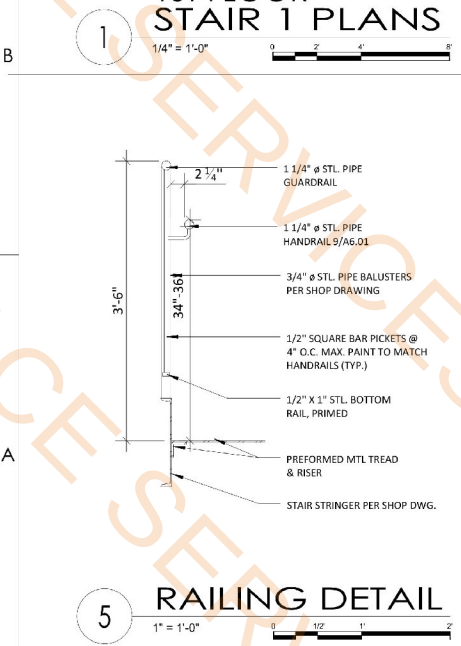
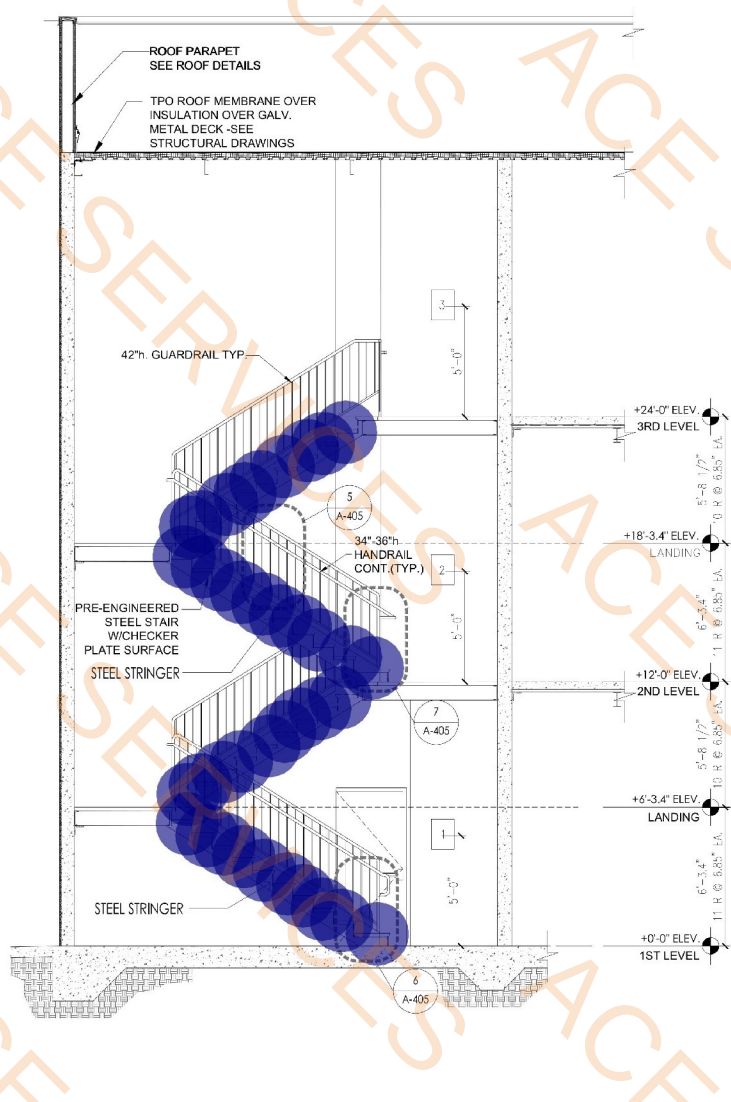
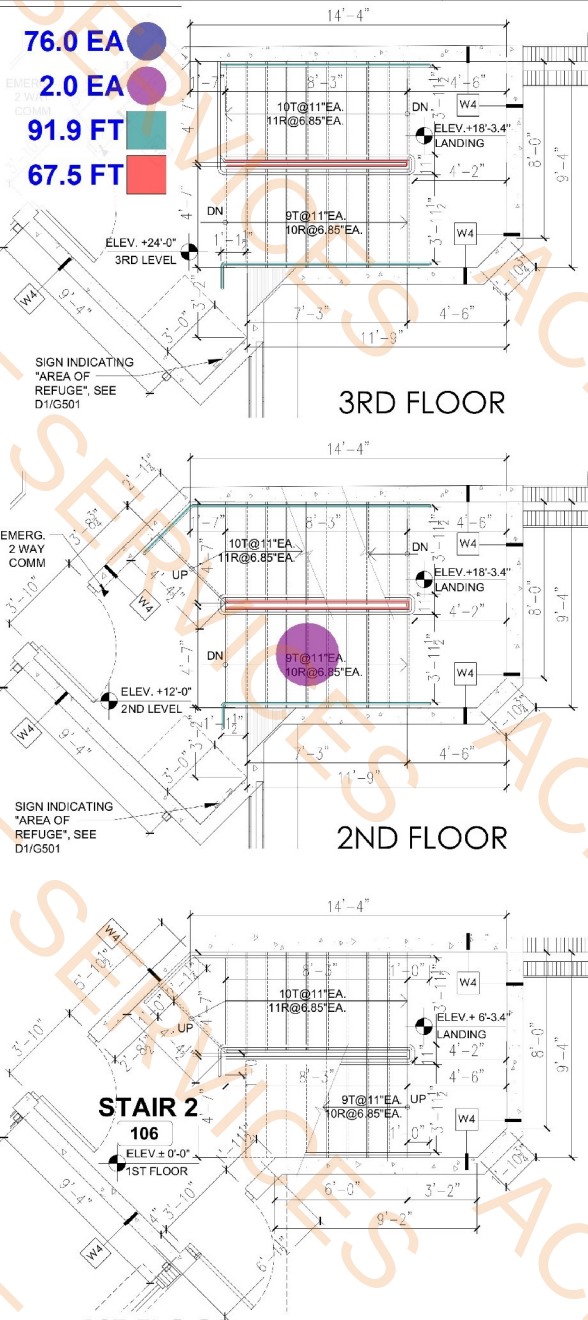
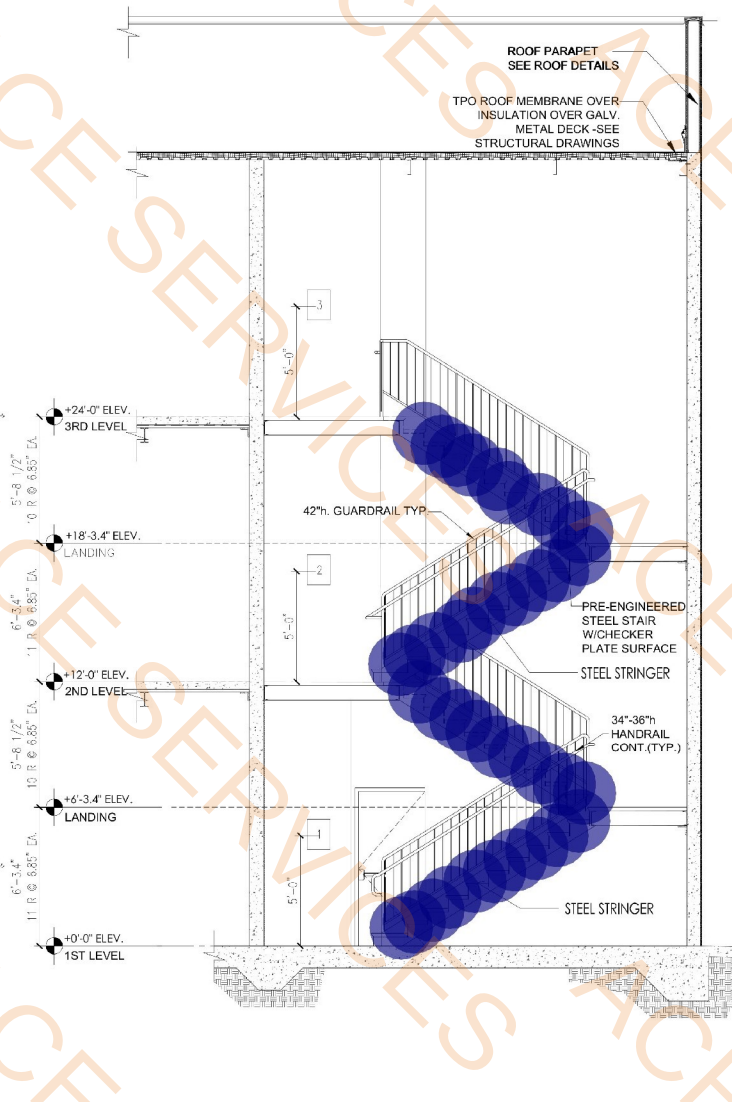
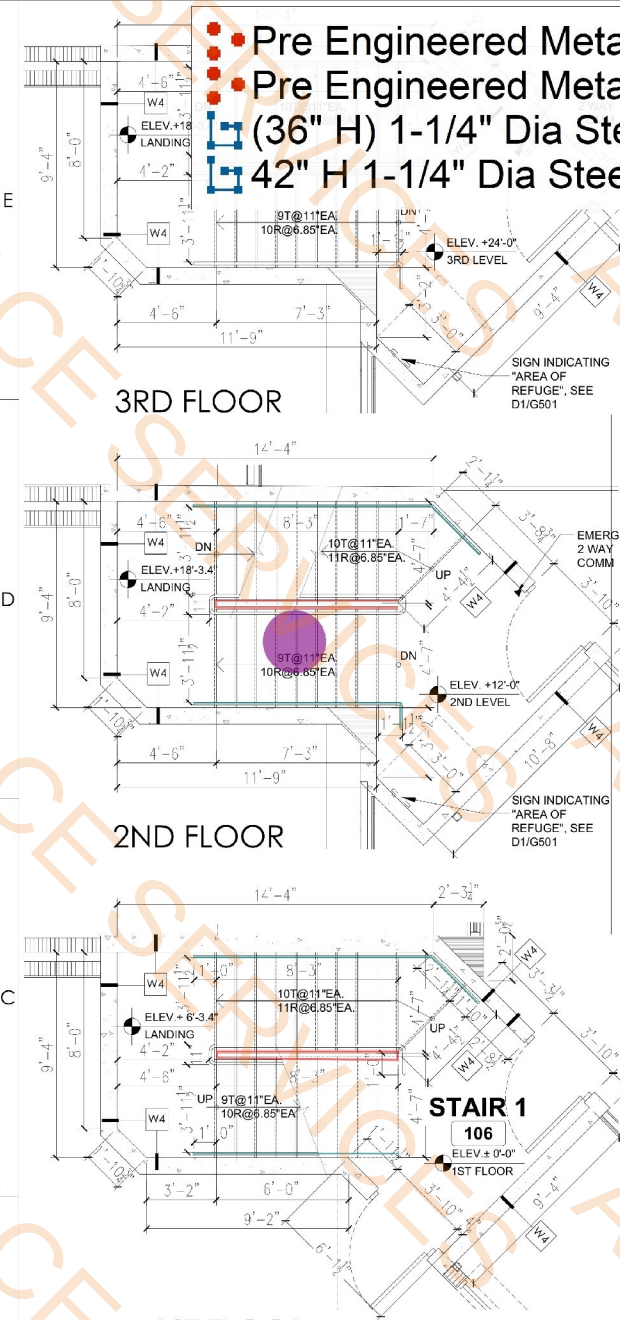
DRAWING NUMBER

A-107

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- Pre Engineered Metal Pan Stair Treads @ 11" D x 4'-7" W
- Pre Engineered Metal Stair Riser @ 6.85" H (42 EA)
- (36" H) 1-1/4" Dia Steel Pipe Handrail
- 42" H 1-1/4" Dia Steel Pipe Guardrail

- 76.0 EA
- 2.0 EA
- 91.9 FT
- 67.5 FT



Brian Herbert
Digitally signed by Brian Herbert
Date: 2025.02.10 12:15:29 -05'00'

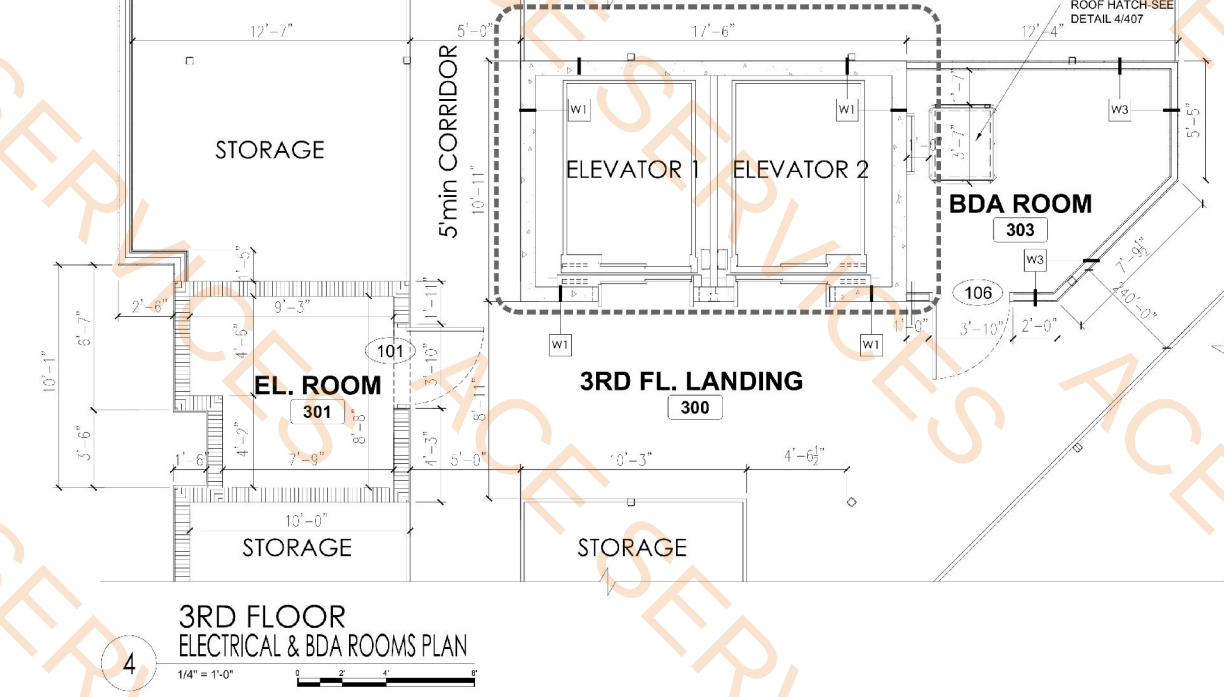
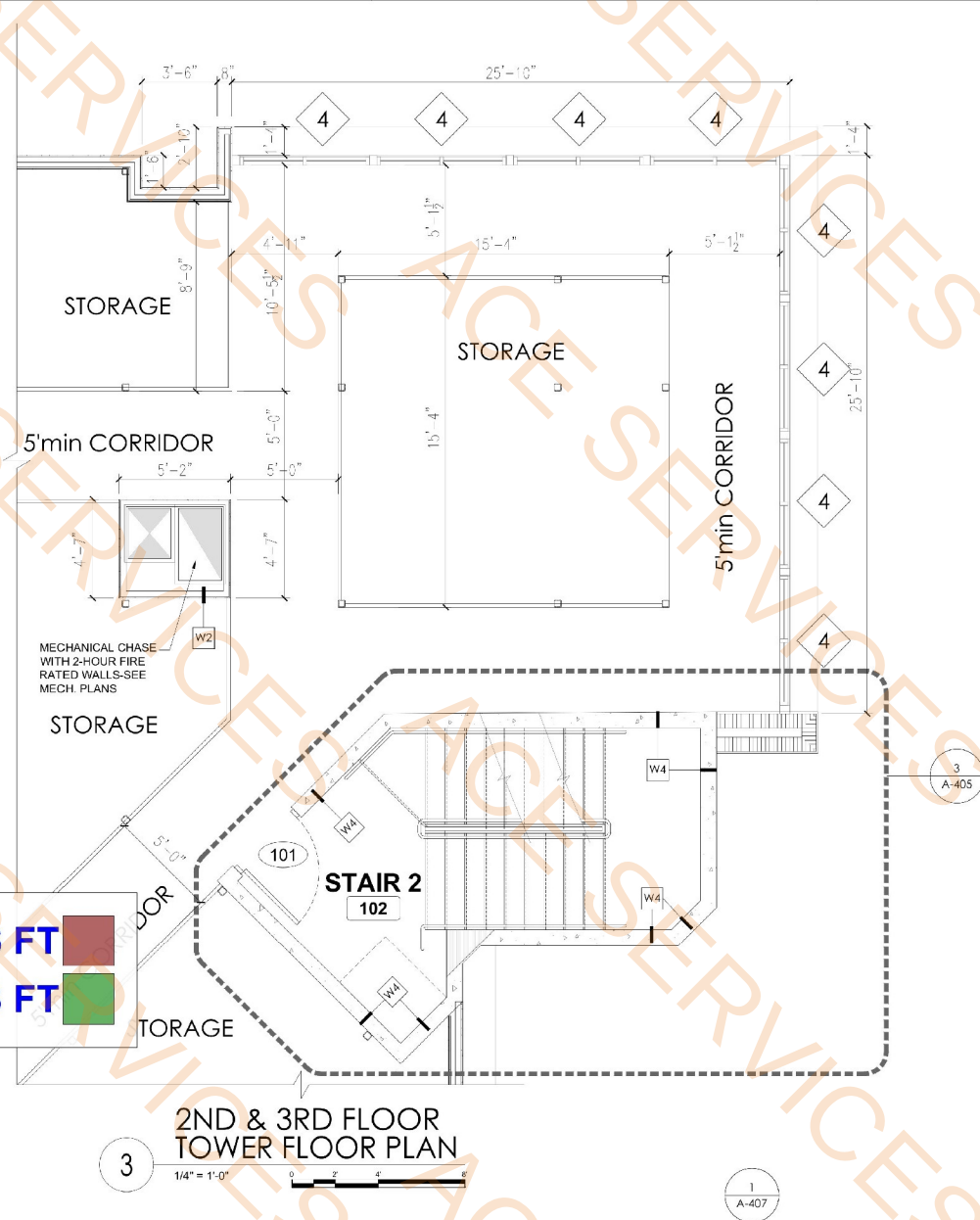
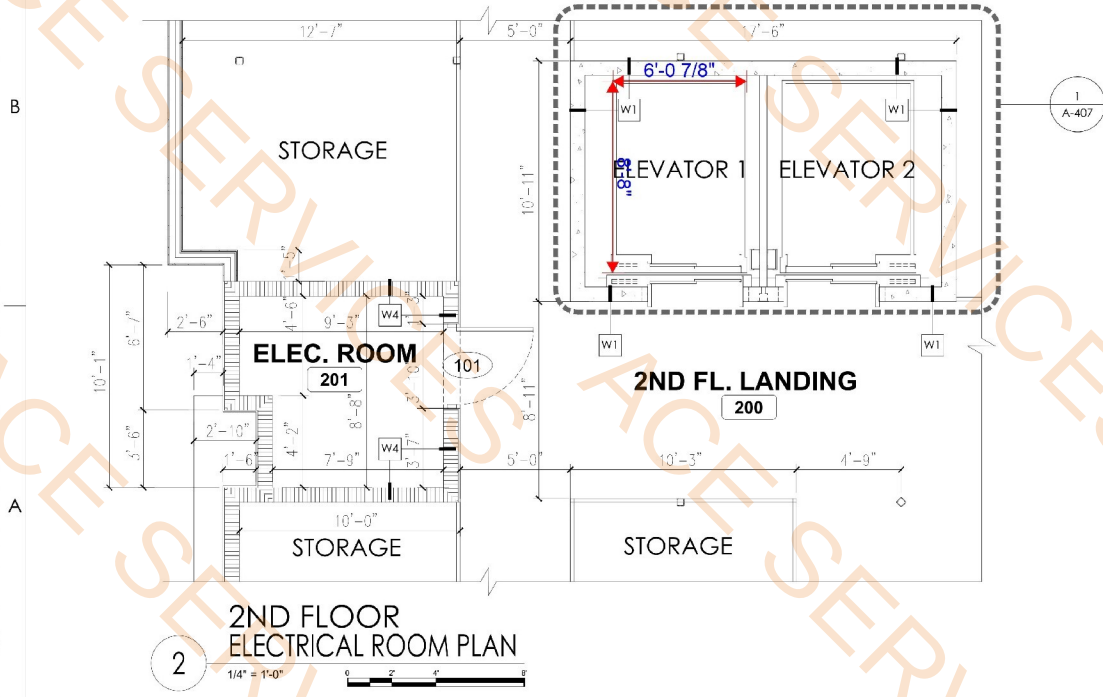
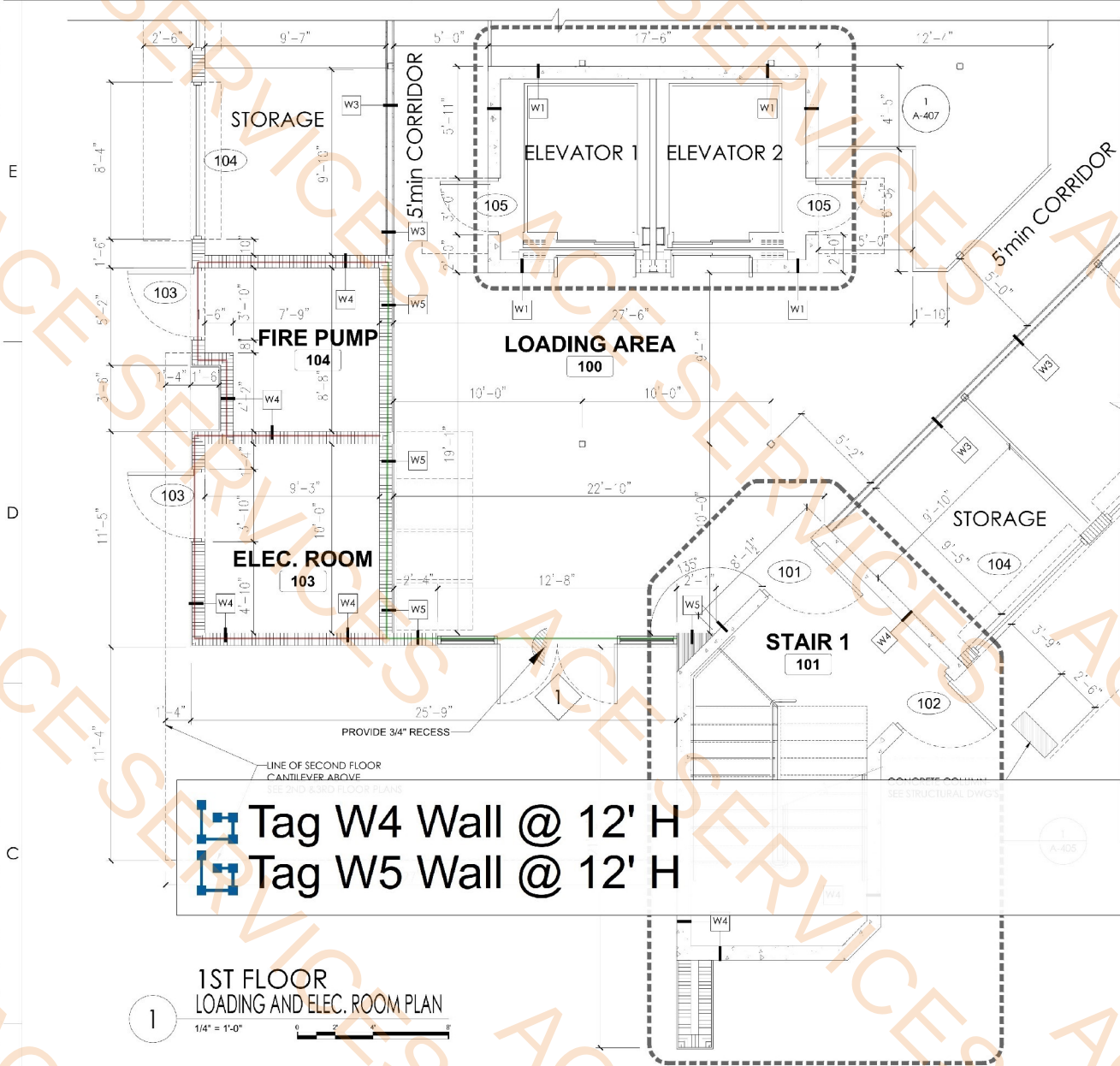
SMART STOP SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

No.	Description	Date
1	REVISIONS	
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PROJECT STATUS
CONSTRUCTION DOCUMENTS
DATE: 02-07-2025
PROJECT NUMBER: 18-2023
SCALE: AS SHOWN
DRAWN BY: OH
CHECKED BY: BPH
DRAWING TITLE: ENLARGED STAIRS & DETAILS
DRAWING NUMBER: A-405

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SELF STORAGE

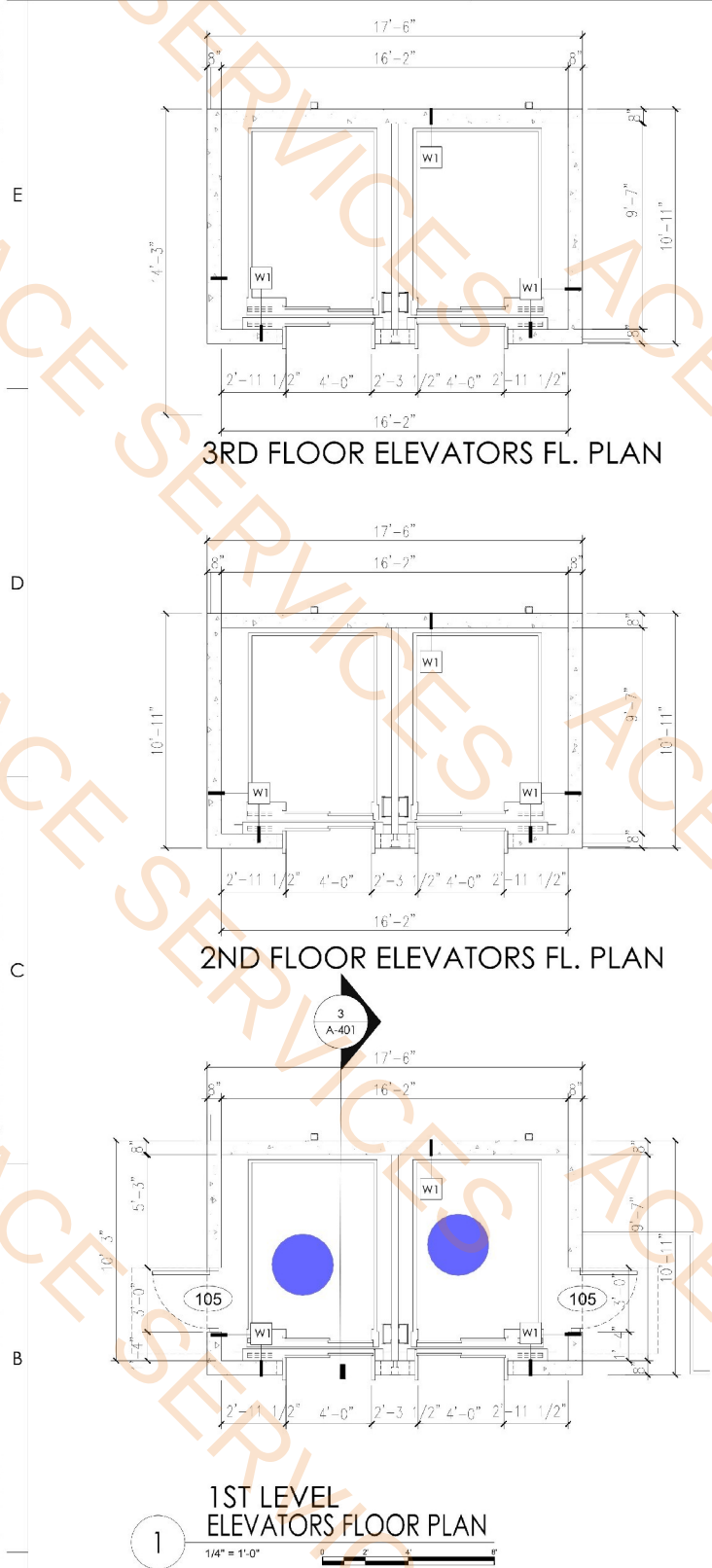
8135 LAKE WORTH RD.
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No.	Description	Date

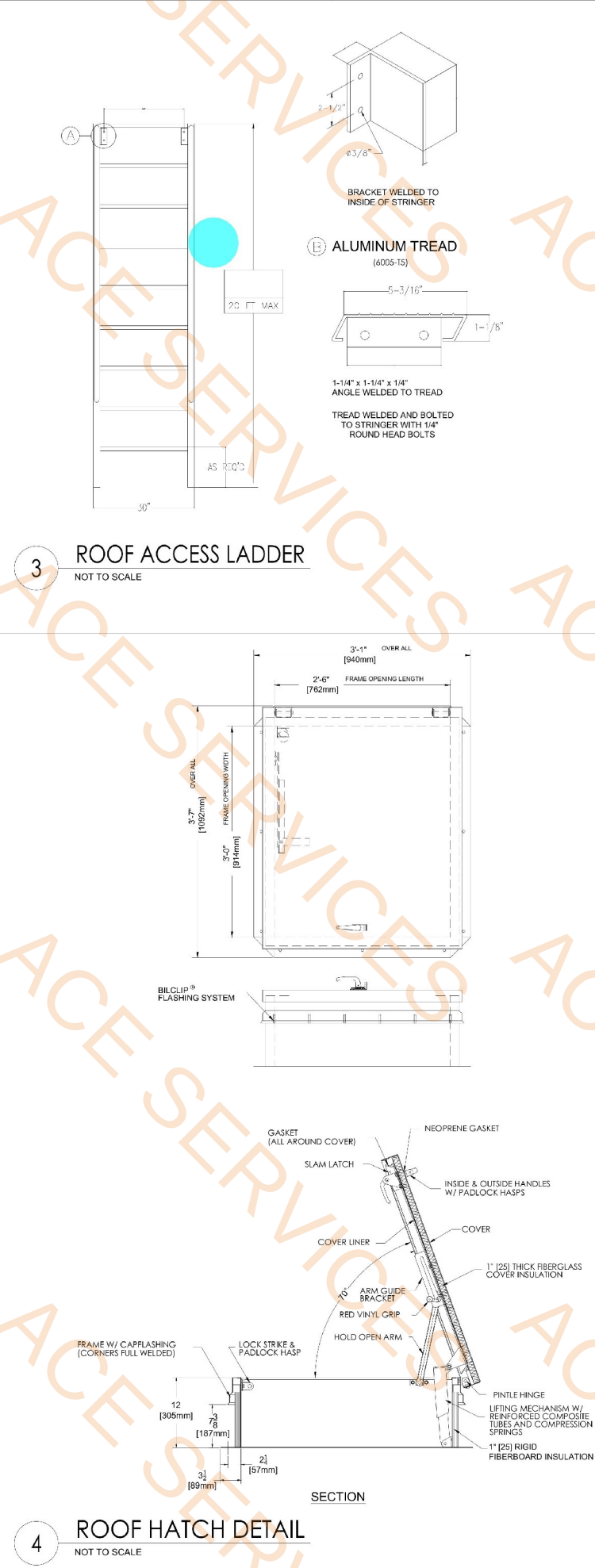
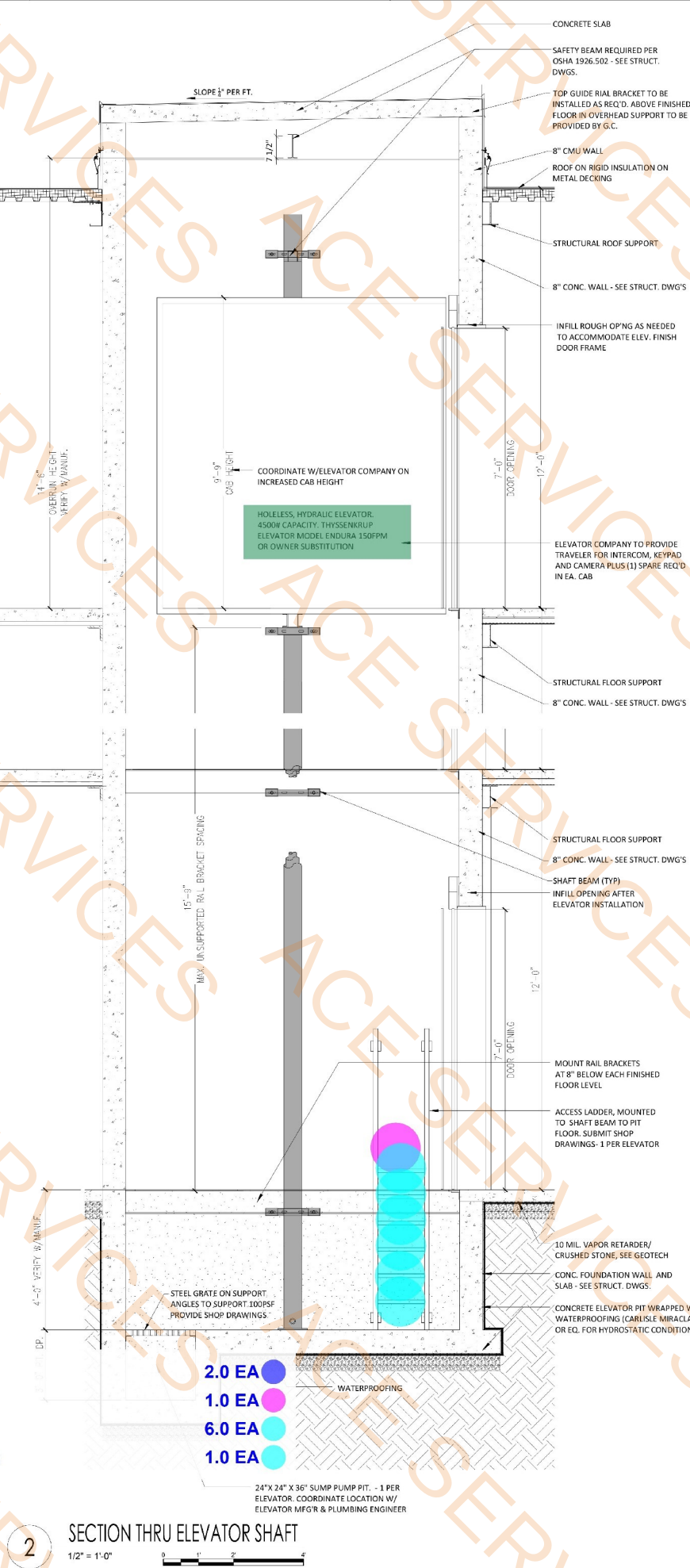
PROJECT STATUS
CONSTRUCTION DOCUMENTS
DATE: 02-07-2025
PROJECT NUMBER: 18-2023
SCALE: AS SHOWN
DRAWN BY: OH
CHECKED BY: BPH
DRAWING TITLE: ENLARGED PLANS

DRAWING NUMBER
A-406

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- 6' x 8'-8" Elevator Enclosure (2 Stops And 36' H)
- Elevator Access Ladder @ 8'-8" H
- 1'-4" W Elevator Ladder Treads
- Roof Access Ladder @ 20' H And 30" W Aluminum Treads



Brian Herbert

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Date: 2025.02.10 12:16:02 -05'00'

SMART STOP SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

OWNER

REVISIONS		
No.	Description	Date

PROJECT STATUS

CONSTRUCTION DOCUMENTS

DATE: 02-07-2025

PROJECT NUMBER: 18-2023

SCALE: AS SHOWN

DRAWN BY: OH CHECKED BY: BPH

DRAWING TITLE: ELEVATOR ENLARGED PLAN AND SECTION

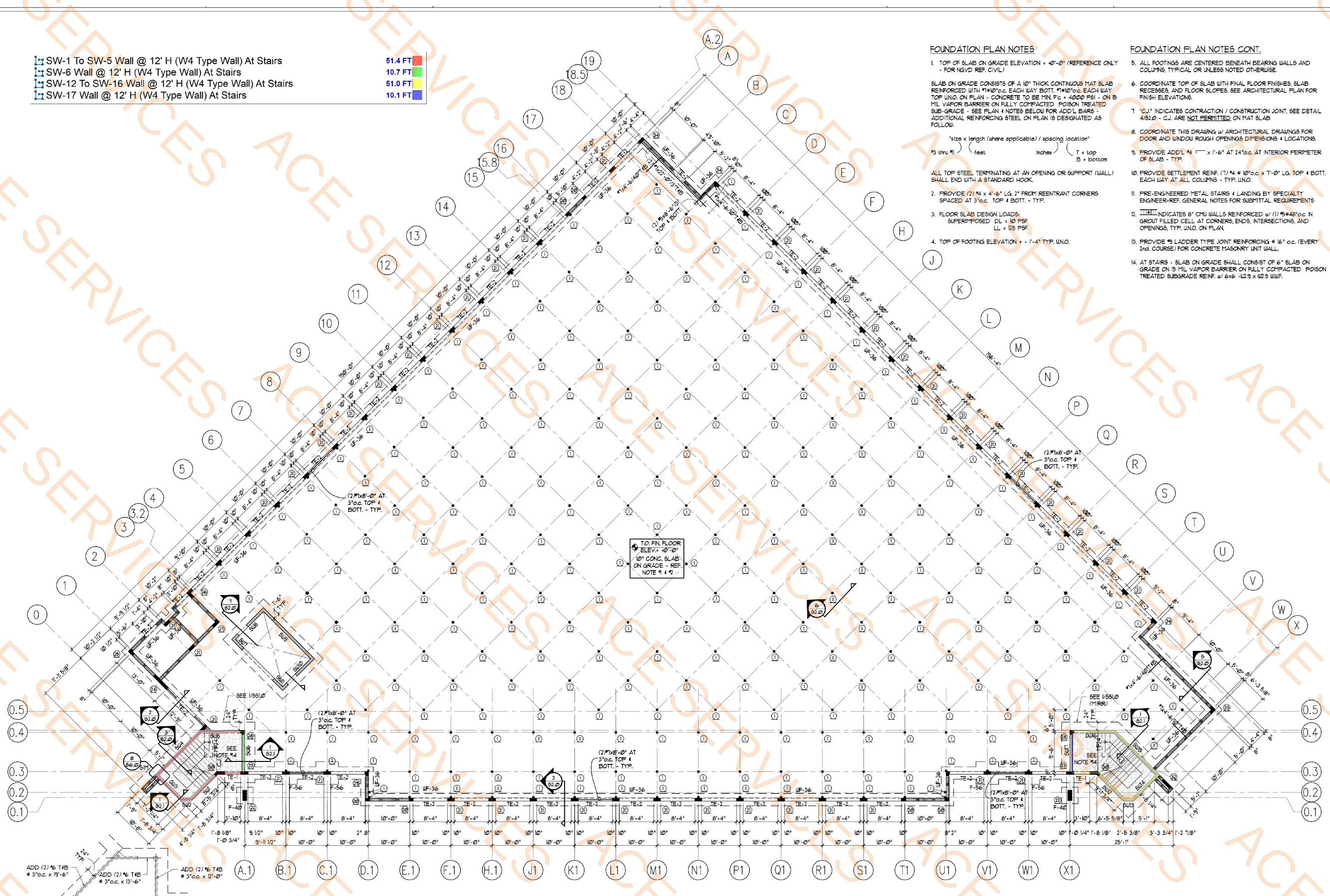
DRAWING NUMBER: A-407

1A. IN VULNERABLE AREAS, THE ARCHITECT SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE STRUCTURE AND THE ENVIRONMENT. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE STRUCTURE AND THE ENVIRONMENT. THE ARCHITECT SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE STRUCTURE AND THE ENVIRONMENT.

- SW-1 To SW-5 Wall @ 12' H (W4 Type Wall) At Stairs
- SW-6 Wall @ 12' H (W4 Type Wall) At Stairs
- SW-12 To SW-16 Wall @ 12' H (W4 Type Wall) At Stairs
- SW-17 Wall @ 12' H (W4 Type Wall) At Stairs

- 51.4 FT
- 10.7 FT
- 51.0 FT
- 10.1 FT

- FOUNDATION PLAN NOTES
- TOP OF SLAB ON GRADE ELEVATION = +0'-0" (REFERENCE ONLY - FOR NGVD REF. CIVIL)
 - SLAB ON GRADE CONSISTS OF A 10" THICK CONTINUOUS MAT SLAB REINFORCED WITH #10 @ 18" O.C. EACH WAY. TOP UNO. ON PLAN - CONCRETE TO BE MIN. FC = 4000 PSI - ON 15 MIL VAPOR BARRIER ON FULLY COMPACTED POISON TREATED SUB-GRADE - SEE PLAN & NOTES BELOW FOR ADD'L BARS - ADDITIONAL REINFORCING STEEL ON PLAN IS DESIGNATED AS FOLLOWS:
"size x length (where applicable) / spacing location"
#3 thru #11 feet inches T = top B = bottom
 - ALL TOP STEEL TERMINATING AT AN OPENING OR SUPPORT (WALL) SHALL END WITH A STANDARD HOOK.
 - PROVIDE (2) #4 x 4'-6" LG. 2" FROM REINFRANT CORNERS SPACED AT 3'-0" O.C. TOP & BOTT. - TYP.
 - FLOOR SLAB DESIGN LOADS:
SUPERIMPOSED DL = 10 PSF
LL = 125 PSF
 - TOP OF FOOTING ELEVATION = +1'-4" TYP. UNO.
- FOUNDATION PLAN NOTES CONT.
- ALL FOOTINGS ARE CENTERED BENEATH BEARING WALLS AND COLUMNS, TYPICAL OR UNLESS NOTED OTHERWISE.
 - COORDINATE TOP OF SLAB WITH FINAL FLOOR FINISHES, SLAB RECESSES, AND FLOOR SLOPES. SEE ARCHITECTURAL PLAN FOR FINISH ELEVATIONS.
 - "CJ" INDICATES CONTRACTION / CONSTRUCTION JOINT, SEE DETAIL 4/82.0 - C.J. ARE NOT PERMITTED ON MAT SLAB
 - COORDINATE THIS DRAWING w/ ARCHITECTURAL DRAWINGS FOR DOOR AND WINDOW ROUGH OPENINGS DIMENSIONS & LOCATIONS.
 - PROVIDE ADD'L #4 1" x 1'-6" AT 24" O.C. AT INTERIOR PERIMETER OF SLAB - TYP.
 - PROVIDE SETTLEMENT REIN. (1) #4 @ 10" O.C. x 1'-0" LG. TOP & BOTT. EACH WAY AT ALL COLUMNS - TYP. UNO.
 - PRE-ENGINEERED METAL STAIRS & LANDING BY SPECIALTY ENGINEER-REF. GENERAL NOTES FOR SUBMITTAL REQUIREMENTS
 - INDICATES 8" CMU WALLS REINFORCED w/ (1) #5 @ 48" O.C. IN GROUT FILLED CELL AT CORNERS, ENDS, INTERSECTIONS, AND OPENINGS, TYP. UNO. ON PLAN.
 - PROVIDE #5 LADDER TYPE JOINT REINFORCING @ 18" O.C. (EVERY 2nd COURSE) FOR CONCRETE MASONRY UNIT WALL.
 - AT STAIRS - SLAB ON GRADE SHALL CONSIST OF 6" SLAB ON GRADE ON 15 MIL VAPOR BARRIER ON FULLY COMPACTED POISON TREATED SUBGRADE REIN. w/ #6 @ 12" x 12" UNO.



T.O. FIN. FLOOR
ELEV. = +0'-0"
10" CONC. SLAB
ON GRADE - REF.
NOTE # 1 & 2

ADD (2) #10 T1B
@ 3'-0" O.C. x 13'-6"
ADD (2) #10 T1B
@ 3'-0" O.C. x 12'-0"
ADD (2) #10 T1B
@ 3'-0" O.C. x 12'-0"
ADD (2) #10 T1B
@ 3'-0" O.C. x 12'-0"
TYP. FTG. PAD AT STAIRS
SCALE: 3/32" = 1'-0"

FOUNDATION PLAN
SCALE: 3/32" = 1'-0"

Digitally signed by Lilya Melnikova
DN: cn=Lilya Melnikova, o=US, ou=BRUNTESSEN ENGINEERING PLLC, email=lmelnikova@bruntesse.com, c=US
Date: 2025.02.07 12:28:03 -0500
Lilya Melnikova

SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA
OWNER

REVISIONS		
No.	Description	Date

PROJECT STATUS
CONSTRUCTION DOCUMENTS
DATE
2024-12-01
PROJECT NUMBER
18-2023
SCALE
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BPH
DRAWING TITLE
FOUNDATION PLAN

DRAWING NUMBER
S1.0

- SW-1 To SW-5 Wall @ 12' H (W4 Type Wall) At Stairs
SW-6 Wall @ 12' H (W4 Type Wall) At Stairs
SW-17 Wall @ 12' H (W4 Type Wall) At Stairs
SW-12 To SW-16 Wall @ 12' H (W4 Type Wall) At Stairs
8" Thk Split Face CMU Wall W/Class A Non Combustible Foam insulation @ 12' H

43.6 FT
10.1 FT
10.2 FT
45.8 FT
15.5 FT

2ND FLOOR FRAMING PLAN NOTES

- FLOOR SYSTEM SHALL CONSIST OF 2" I_g COMPOSITE METAL DECK 1 1/2" NORMAL WEIGHT CONC. SLAB (5 1/2" TOTAL THICKNESS) ON STRUCTURAL STEEL BEAMS. SLAB TO BE REINFORCED WITH 6x6 -W4.102 WUF. METAL DECK MUST BE MIN. 2 SPAN CONTINUOUS - SINGLE SPANS NOT PERMITTED.
- FLOOR DESIGN LOADS:
DEAD LOADS:
DECK & SLAB 60 PSF
HUNG CEILING / MECH 10 PSF
TOTAL 70 PSF
LIVE LOAD 125 PSF
- INDICATES DIRECTION OF SPAN
- TOP OF SLAB ELEVATION = +12'-0"
- TOP OF STEEL ELEVATION = +11'-6 1/2"
- REFER SHT. 5 FOR BEAM TO BEAM, BEAM TO COL. AND BEAM TO CONC. BEAM CONN. SCHED.
- PROVIDE CONTINUOUS ANGLE AT DECK PERIMETER REF. SECTIONS
- COORDINATE THIS DRAWING w/ ARCHITECTURAL DRAWINGS FOR DOOR AND WINDOW ROUGH OPENINGS - DIMENSIONS & LOCATIONS.
- PRE ENGINEERED METAL PAN STAIRS & LANDING BY SPECIALTY ENGINEER
- INDICATES 8" CMU WALLS REINFORCED w/ (1) #5 @ 48" o.c. IN GROUT FILLED CELL AT CORNERS, ENDS, INTERSECTIONS, AND OPENINGS, TYP. UNO. ON PLAN.
- PROVIDE #3 LADDER TYPE JOINT REINFORCING @ 16" o.c. (EVERY 2nd COURSE) FOR CONCRETE MASONRY UNIT WALL.
- "E" " INDICATES EMBED PLATE TYPE - SEE SHEET 551 FOR EMBED PLATES

SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

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No.	Description	Date

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DATE
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PROJECT NUMBER
18-2023

SCALE
AS SHOWN

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OH

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DRAWING TITLE
2ND FLOOR FRAMING PLAN

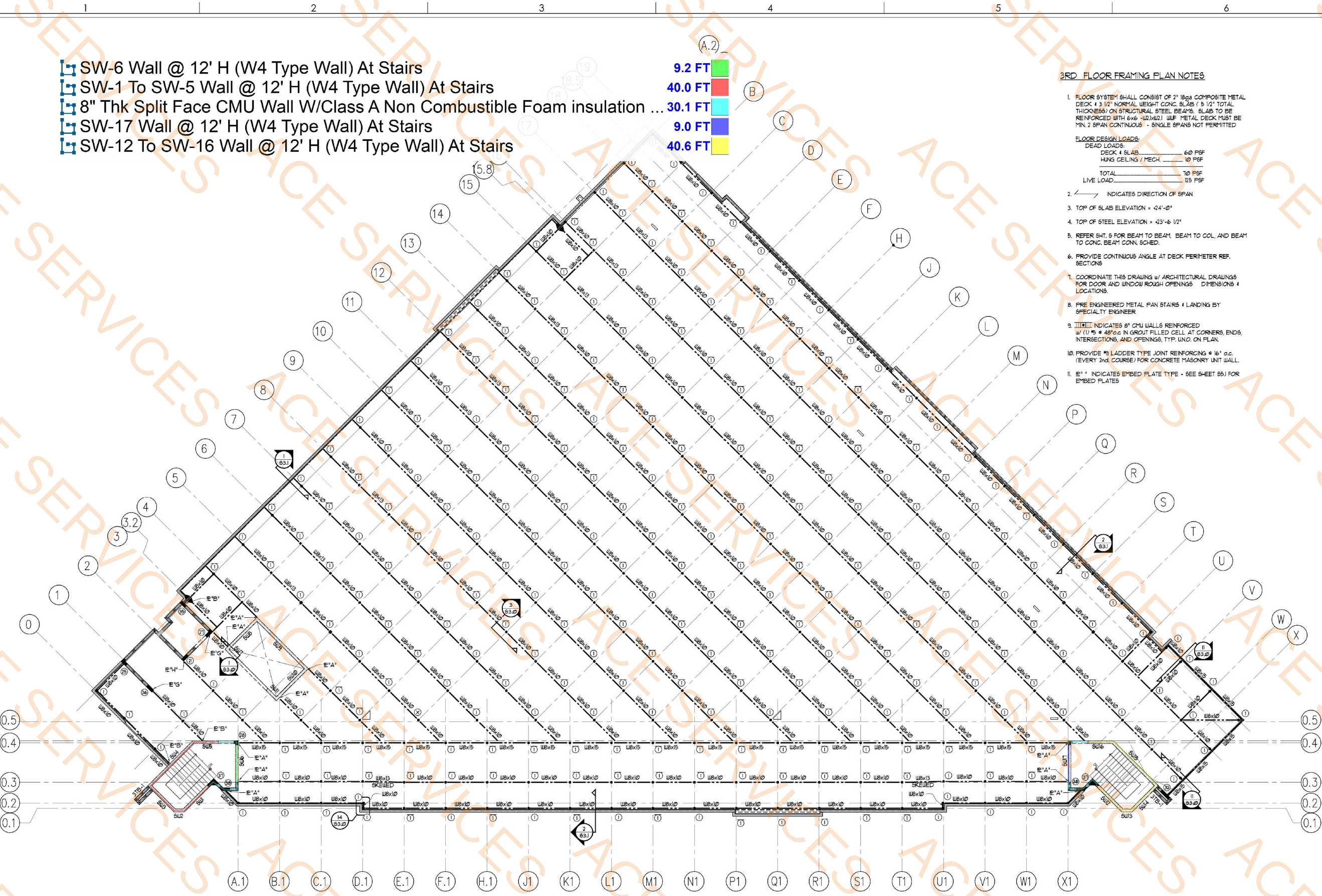
DRAWING NUMBER
S1.1

2ND FLOOR FRAMING PLAN
SCALE: 3/32" = 1'-0"



Digitally signed by Liliya Melnikova
DN: cn=Liliya Melnikova, c=US,
o=BRYNTESEN ENGINEERING PLLC,*
email=lilmelnikova@bryntesen.com
Date: 2025.02.07 12:18:01

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3RD FLOOR FRAMING PLAN NOTES

- FLOOR SYSTEM SHALL CONSIST OF 2" 18ga COMPOSITE METAL DECK + 3 1/2" NORMAL WEIGHT CONC. SLAB (5 1/2" TOTAL THICKNESS) ON STRUCTURAL STEEL BEAMS. SLAB TO BE REINFORCED WITH 6x6 W2x10/12 WUF. METAL DECK MUST BE MIN. 2 SPAN CONTINUOUS - SINGLE SPANS NOT PERMITTED.
- FLOOR DESIGN LOADS:
DEAD LOADS:
DECK & SLAB 60 PSF
HUNG CEILING / MECH. 10 PSF
TOTAL 70 PSF
LIVE LOAD 125 PSF
- INDICATES DIRECTION OF SPAN
- TOP OF SLAB ELEVATION = 44'-0"
- TOP OF STEEL ELEVATION = 43'-6 1/2"
- REFER SHT. 5 FOR BEAM TO BEAM, BEAM TO COL. AND BEAM TO CONC. BEAM CONN. SCHED.
- PROVIDE CONTINUOUS ANGLE AT DECK PERIMETER REF. SECTIONS
- COORDINATE THIS DRAWING w/ ARCHITECTURAL DRAWINGS FOR DOOR AND WINDOW ROUGH OPENINGS, DIMENSIONS & LOCATIONS.
- FIRE ENGINEERED METAL PAN STAIRS & LANDING BY SPECIALTY ENGINEER
- INDICATES 8" CMU WALLS REINFORCED w/ (1) #5 @ 48" o.c. IN GROUT FILLED CELL AT CORNERS, ENDS, INTERSECTIONS, AND OPENINGS, TYP. UNO. ON PLAN.
- PROVIDE #3 LADDER TYPE JOINT REINFORCING @ 16" o.c. (EVERY 2nd COURSE) FOR CONCRETE MASONRY UNIT WALL.
- E" * INDICATES EMBED PLATE TYPE - SEE SHEET 551 FOR EMBED PLATES

3RD FLOOR FRAMING PLAN
SCALE: 3/32" = 1'-0"



Digitally signed by Liliya Melnikova
DN: cn=Liliya Melnikova, c=US, o=BRYNTESEN ENGINEERING, s=PLLC, email=lmelnikova@bryntesen.com
Date: 2025.02.07 12:19:46 -0500
Liliya Melnikova

SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

REVISIONS		
No.	Description	Date

PROJECT STATUS
CONSTRUCTION DOCUMENTS

DATE

2024-12-01

PROJECT NUMBER

18-2023

SCALE

AS SHOWN

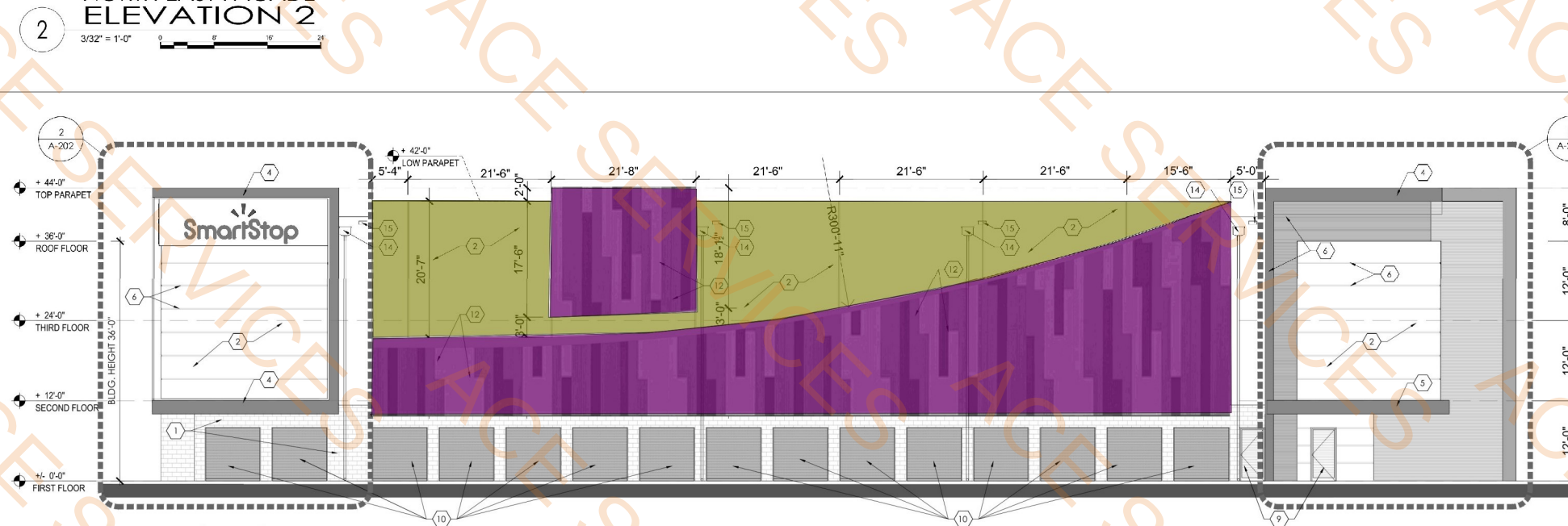
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DRAWING TITLE

3RD FLOOR FRAMING PLAN

DRAWING NUMBER

S1.2

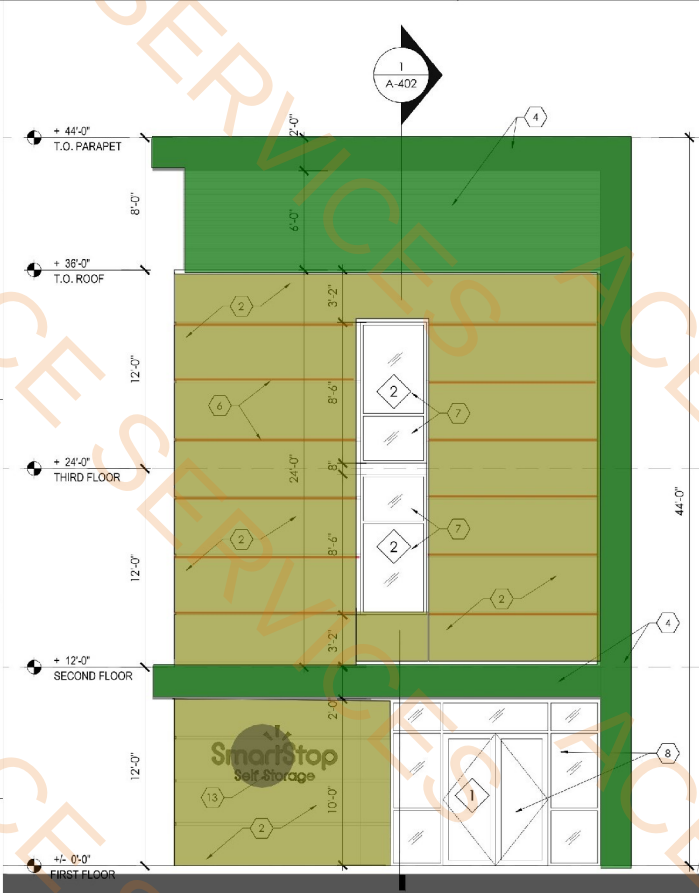


12	METAL PANEL	ALUMN-SMOOTH	MULTI COLOR-BLUE, LIGHT, MEDIUM & DARK GREY
13	PREFABRICATED SIGN	METAL, PLASTIC	SMARTSTOP SIGN
14	SCUPPER AND DOWNSPOUT	ALUMN	MEDIUM GREY
15	OVERFLOW SCUPPER	ALUMN	MEDIUM GREY

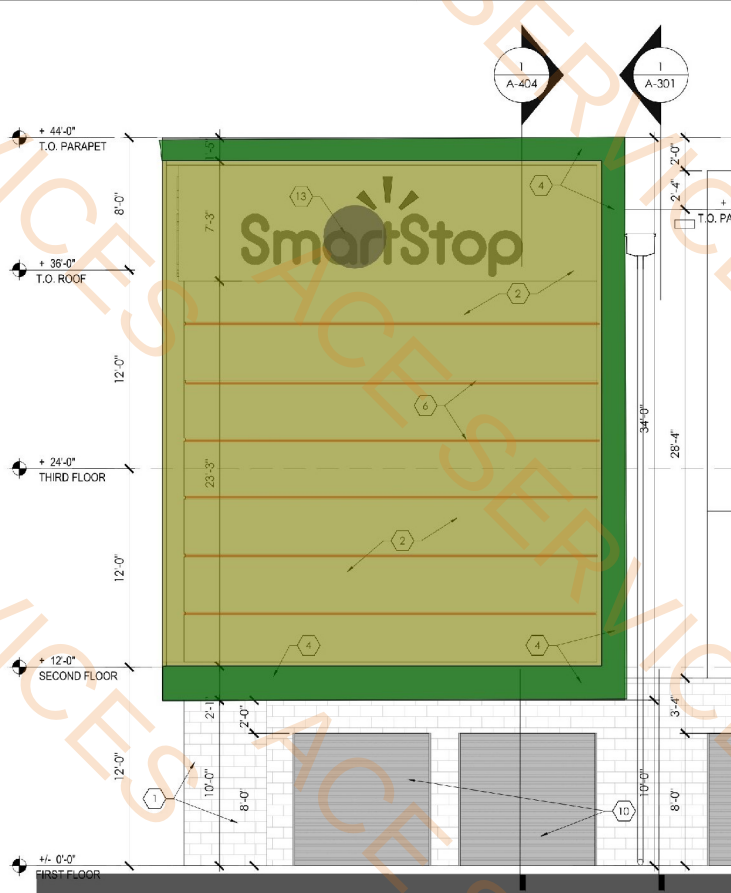
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A-201

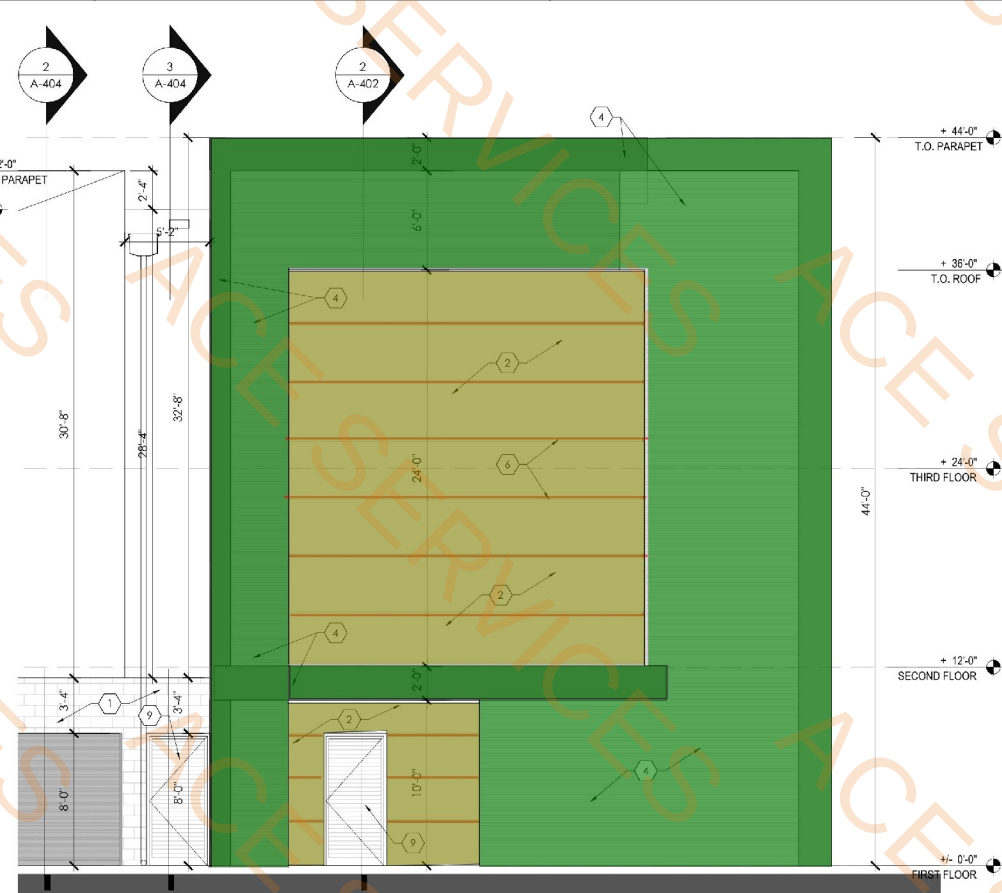
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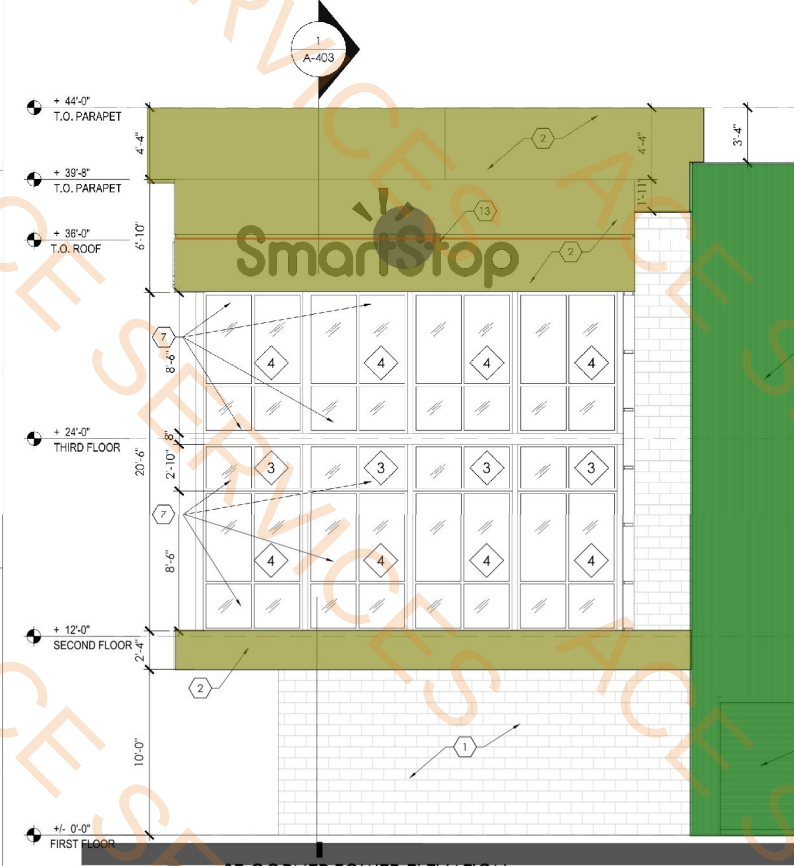
1 FRONT ENTRANCE TOWER ELEVATION
3/16" = 1'-0"



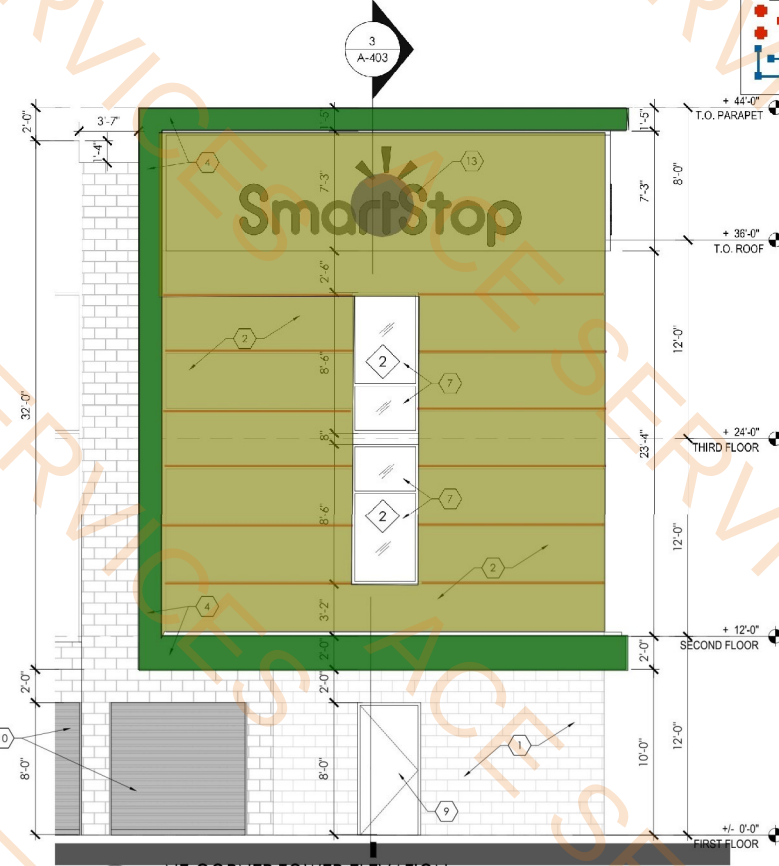
2 NW CORNER TOWER ELEVATION
3/16" = 1'-0"



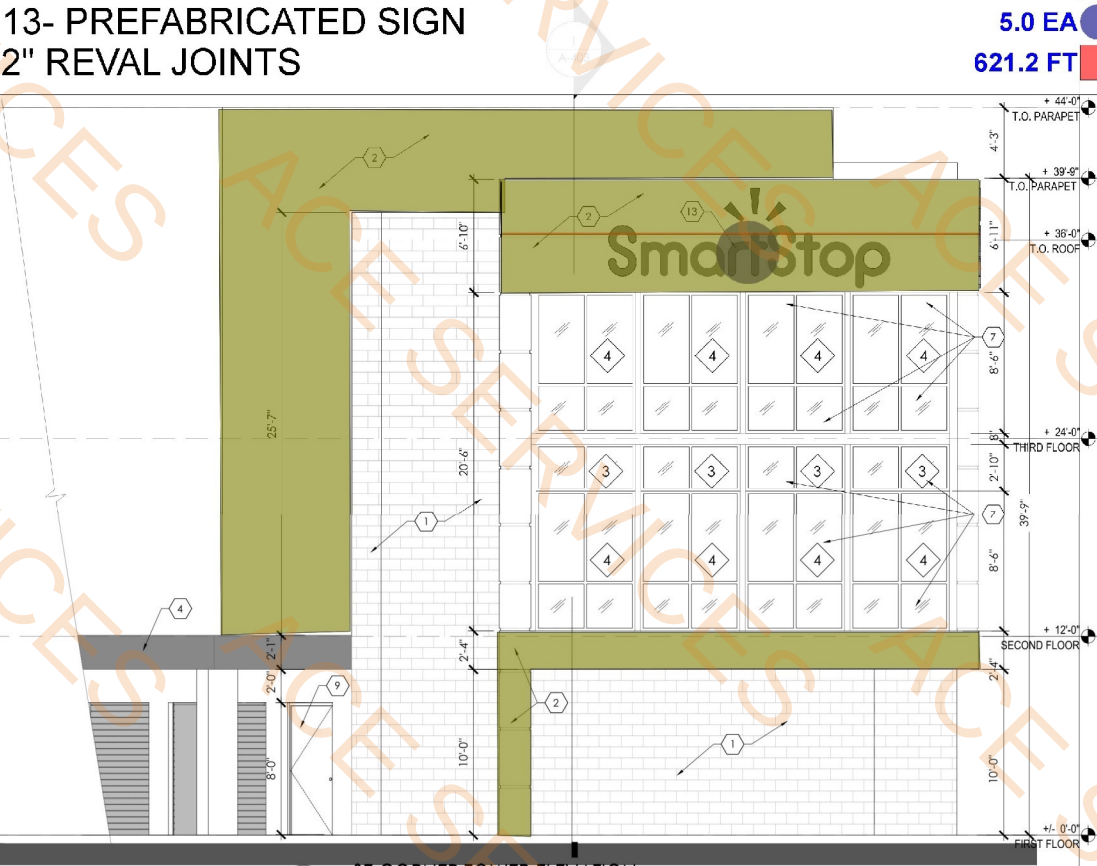
3 SIDE ENTRANCE TOWER ELEVATION
3/16" = 1'-0"



4 SE CORNER TOWER ELEVATION
3/16" = 1'-0"



5 NE CORNER TOWER ELEVATION
3/16" = 1'-0"



6 SE CORNER TOWER ELEVATION
3/16" = 1'-0"

- 4- METAL PANEL WALL SMOOTH FINISH
- 2- EXTERIOR EIFS SMOOTH FINISH
- 13- PREFABRICATED SIGN
- 2" REVAL JOINTS

1901.8 SQ FT
3881.8 SQ FT
5.0 EA
621.2 FT

Brian Herbert
Digitally signed by Brian Herbert
Date: 2025.02.07 14:25:32 -05'00'

SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

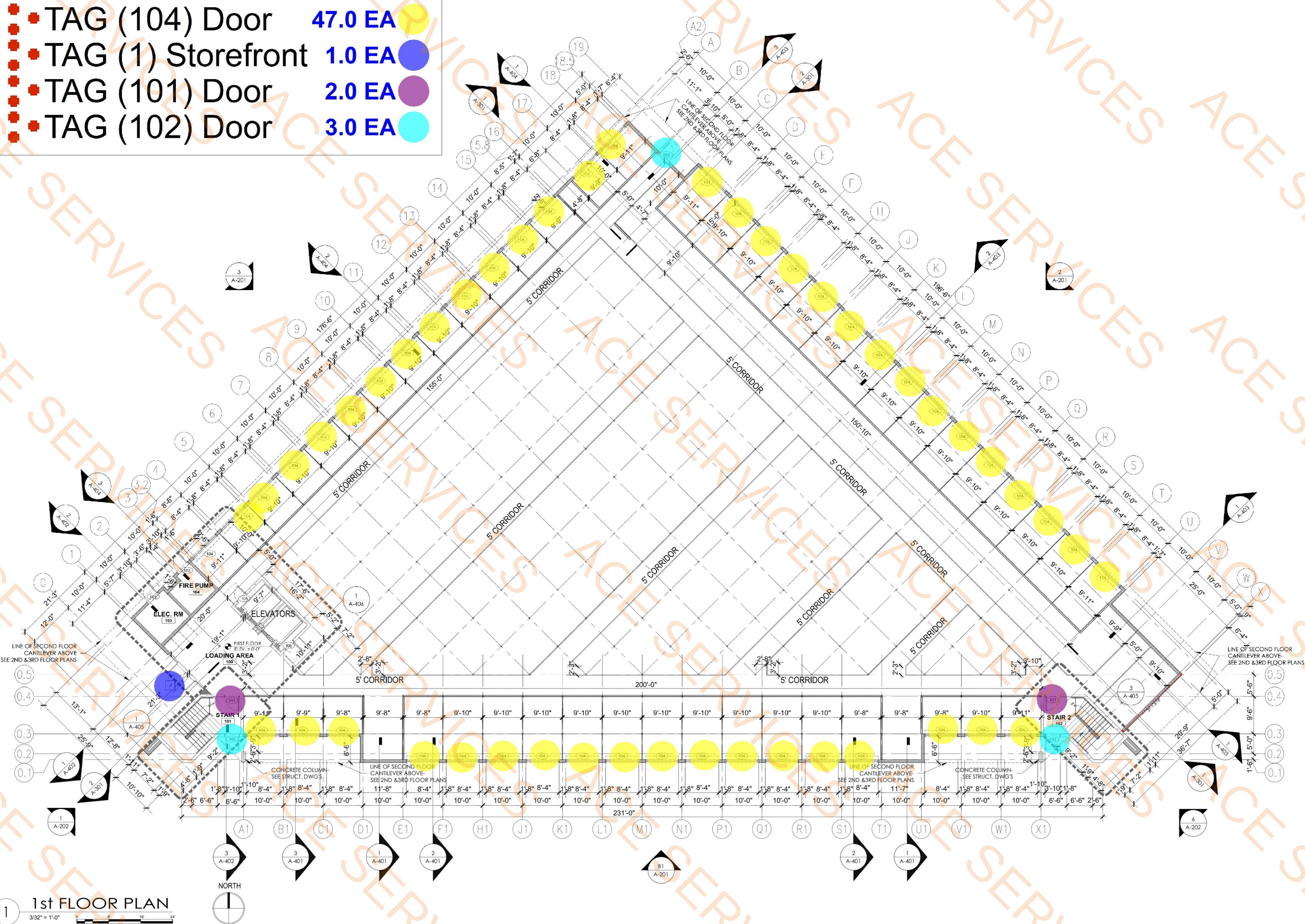
REVISIONS		
No.	Description	Date

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DATE: 02-07-2025
PROJECT NUMBER: 18-2023
SCALE: AS SHOWN
DRAWN BY: OH
CHECKED BY: BPH
DRAWING TITLE: ELEVATIONS DETAILS

DRAWING NUMBER
A-202

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A-101

- TAG (104) Door 47.0 EA
- TAG (1) Storefront 1.0 EA
- TAG (101) Door 2.0 EA
- TAG (102) Door 3.0 EA



Digitally signed by
Brian Herbert
Date: 2025.02.10 12:13:02 -05'00'

SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

No.	Description	Date

CONSTRUCTION DOCUMENTS

02-07-2025

18-2023

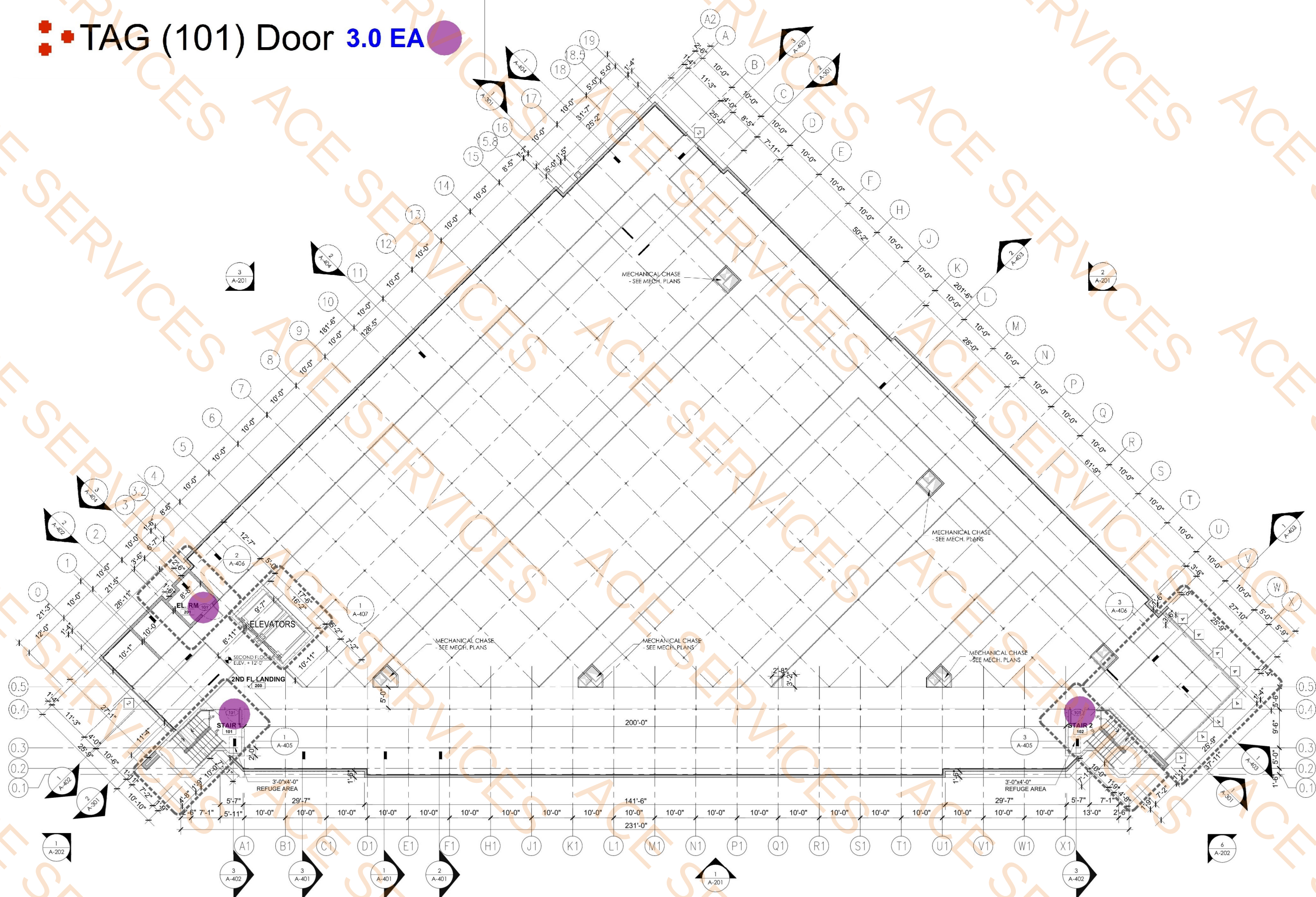
AS SHOWN

DRAWN BY: OH CHECKED BY: BPH

DRAWING TITLE: 1st FLOOR PLAN

DRAWING NUMBER: A-101

■ ■ TAG (101) Door 3.0 EA



1 2nd FLOOR PLAN
3/32" = 1'-0"
NORTH

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Date: 2025.02.10 12:13:20 -05'00'

PROJECT 1
SMART STOP SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA
(OWNER)

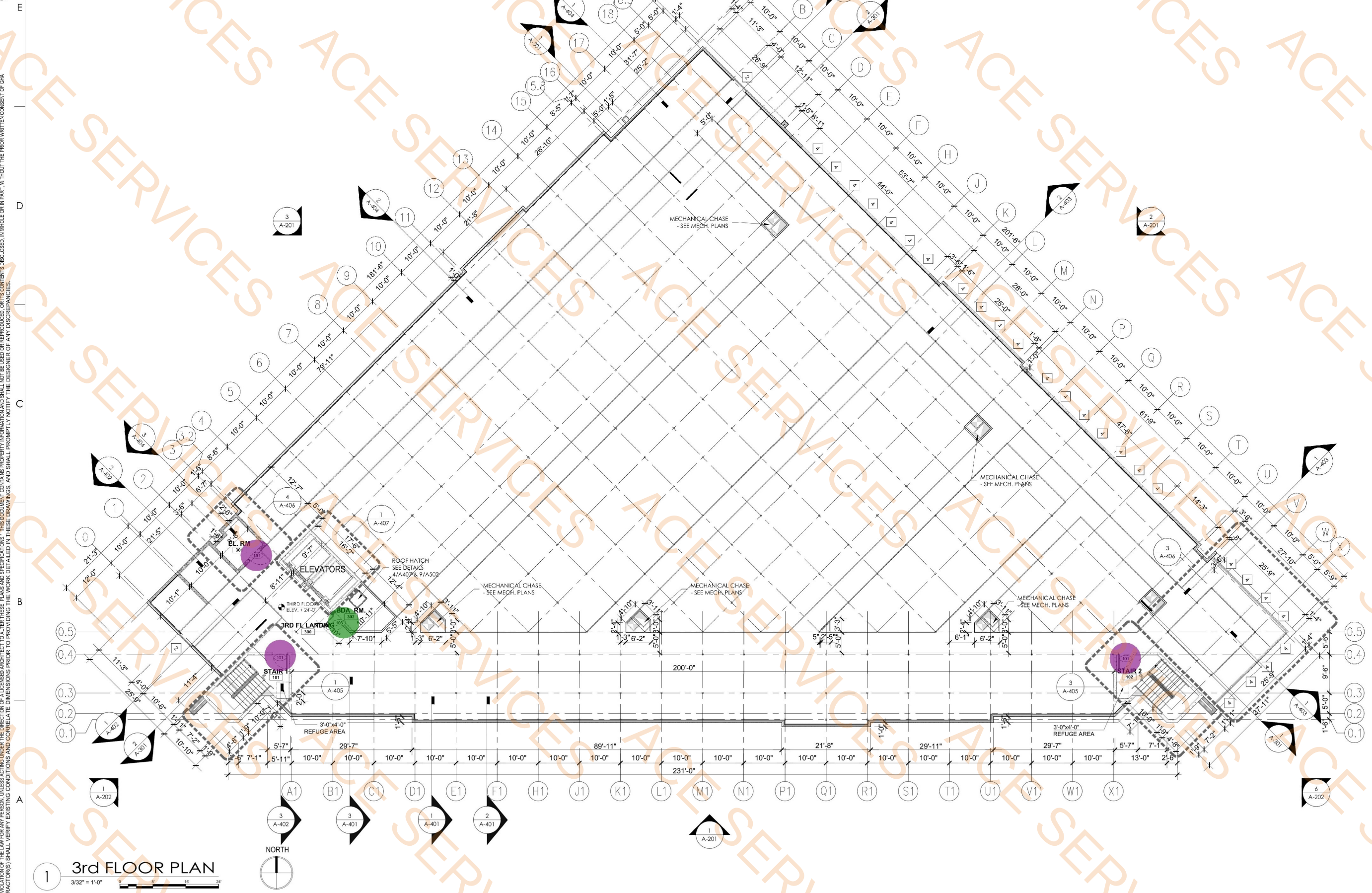
REVISIONS		
No.	Description	Date

PROJECT STATUS
CONSTRUCTION DOCUMENTS
DATE: 02-07-2025
PROJECT NUMBER: 18-2023
SCALE: AS SHOWN
DRAWN BY: OH
CHECKED BY: BPH
DRAWING TITLE: 2nd FLOOR PLAN

DRAWING NUMBER
A-102

■ TAG (106) Door
■ TAG (101) Door

1.0 EA
3.0 EA



3rd FLOOR PLAN
3/32" = 1'-0"

Brian Herbert
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Date: 2025.02.10 12:13:37 -05'00'
SMART STOP SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

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No.	Description	Date

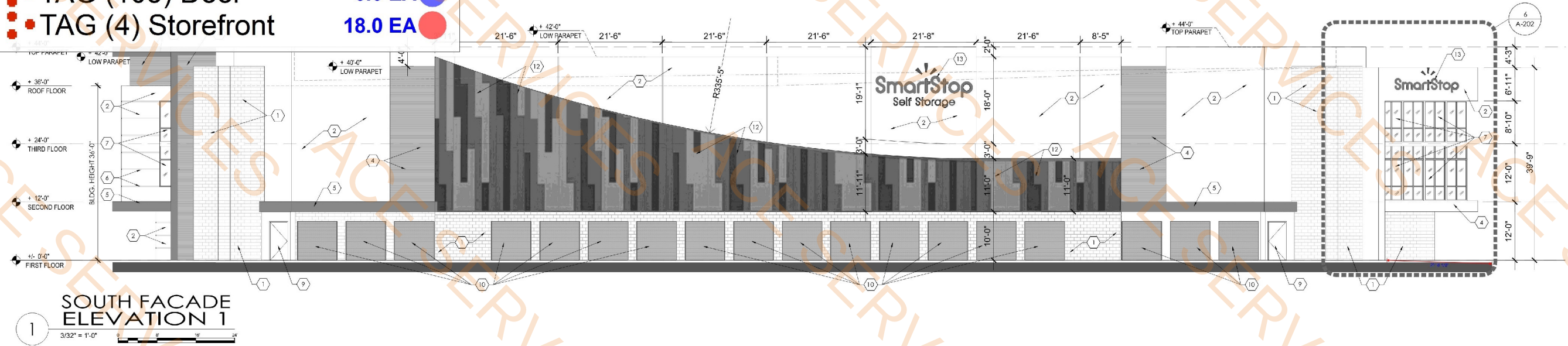
PROJECT STATUS
CONSTRUCTION DOCUMENTS
DATE: 02-07-2025
PROJECT NUMBER: 18-2023
SCALE: AS SHOWN
DRAWN BY: OH
CHECKED BY: BPH
DRAWING TITLE: 3rd FLOOR PLAN

DRAWING NUMBER
A-103

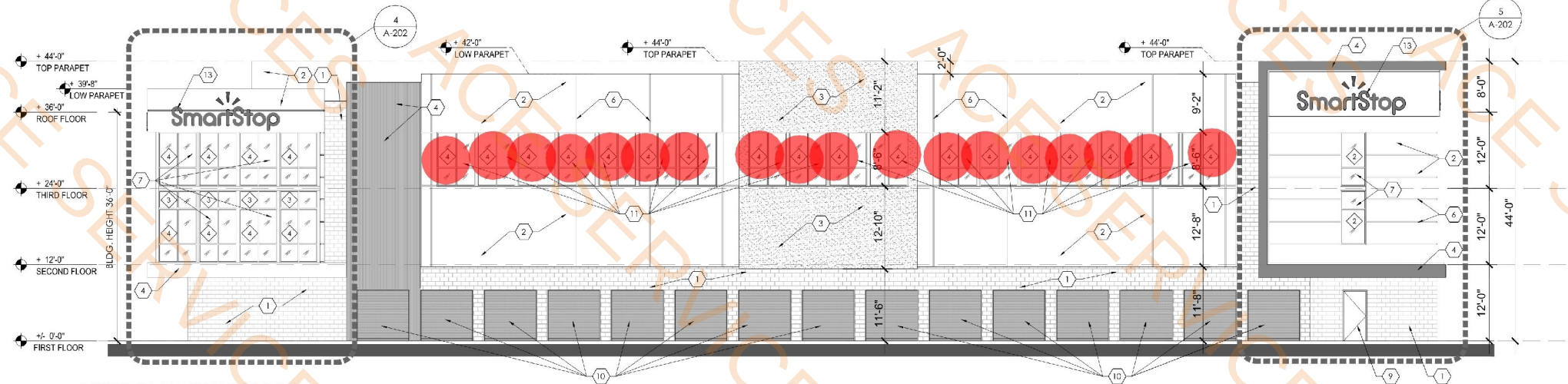
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- TAG (103) Door
- TAG (4) Storefront

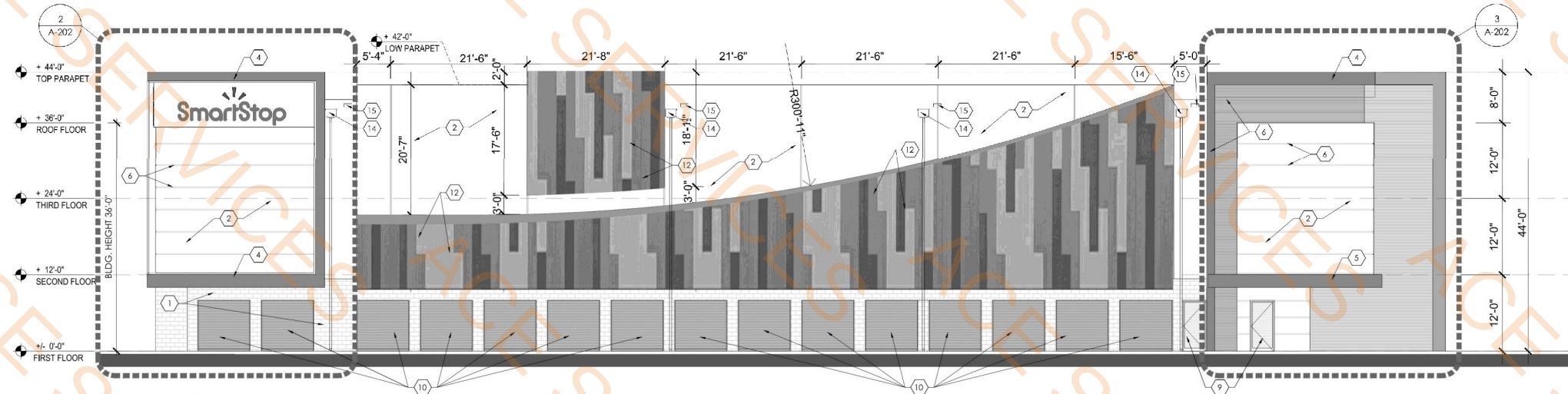
0.0 EA
18.0 EA



SOUTH FACADE ELEVATION 1



NORTH EAST FACADE ELEVATION 2



NORTH WEST FACADE ELEVATION 3

FINISH AND MATERIAL SCHEDULE			
MARK	MATERIAL	FINISH	COLOR
1	SPLIT FACE EXTERIOR CMU WALL	TEXTURED FINISH WITH WATERPROOFING SEALER	MASONRY BLOCK COLOR
2	EXTERIOR EIFS	SMOOTH FINISH	LIGHT SILVER
3	EXTERIOR EIFS	COARSE TEXTURED FINISH	COLOR BY OWNER
4	EXTERIOR METAL PANEL WALL	SMOOTH FINISH	SMARTSTOP BLUE
5	METAL CANOPY	SMOOTH FINISH	SMARTSTOP GREEN
6	2" REVEAL JOINT	PVC	COLOR BY OWNER
7	STOREFRONT WINDOWS	ALUMN/ GLASS	CLEAR ANODIZED ALUMN.
8	STOREFRONT DOORS	ALUMN/ GLASS	CLEAR ANODIZED ALUMN.
9	EGRESS DOORS	METAL	BM ULTRA WHITE
10	OVERHEAD DOOR	METAL	SMARTSTOP BLUE
11	STOREFRONT SPANDREL GLASS	ALUMN/	CLEAR ANODIZED
12	METAL PANEL	ALUMN-SMOOTH	MULTI COLOR-BLUE, LIGHT, MEDIUM & DARK GREY
13	PREFABRICATED SIGN	METAL, PLASTIC	SMARTSTOP SIGN
14	SCUPPER AND DOWNSPOUT	ALUMN	MEDIUM GREY
15	OVERFLOW SCUPPER	ALUMN	MEDIUM GREY

Digitally signed by Brian Herbert Date: 2025.02.07 14:27:50 -05'00'

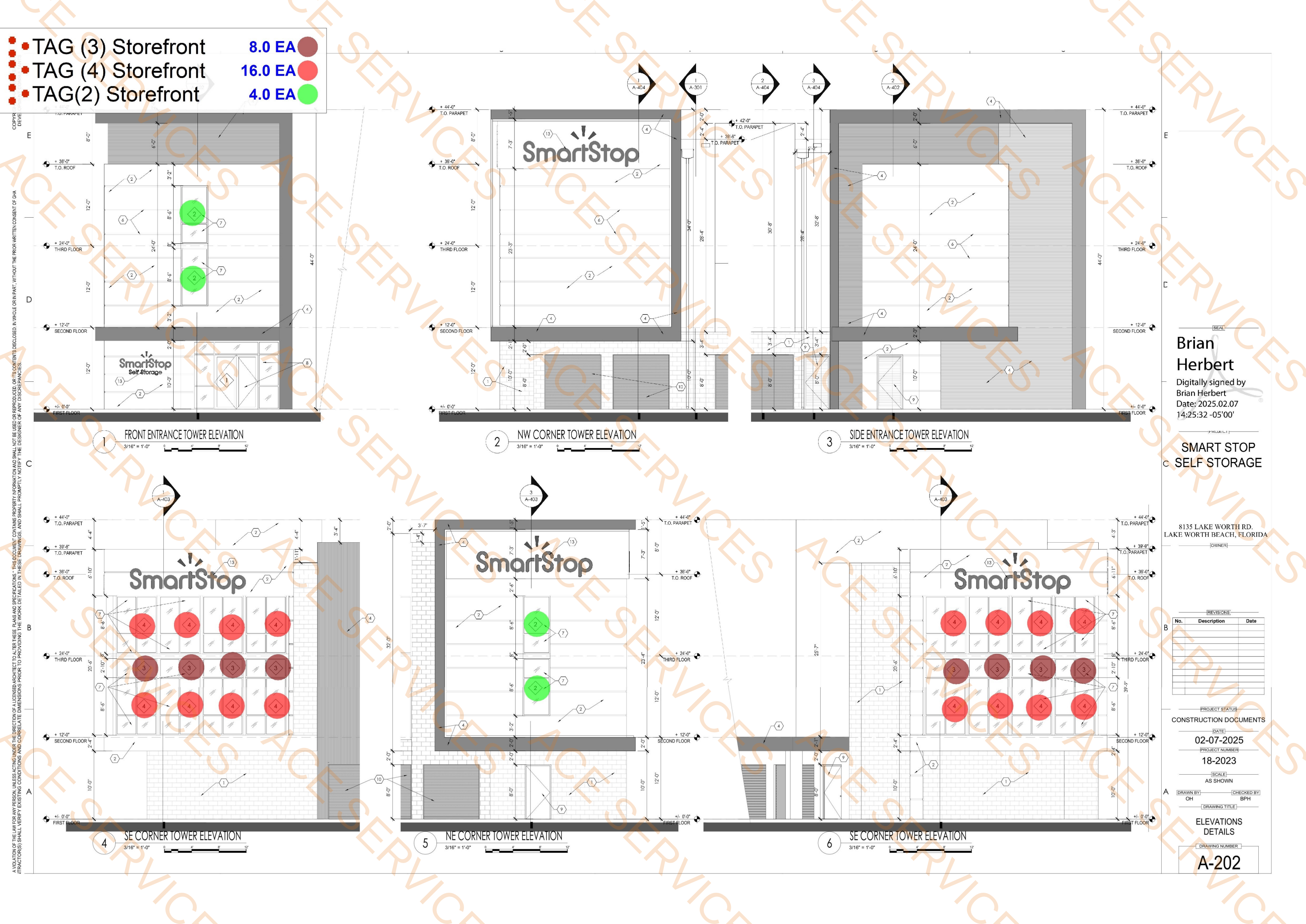
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8135 LAKE WORTH RD. LAKE WORTH BEACH, FLORIDA

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PROJECT STATUS
CONSTRUCTION DOCUMENTS
DATE: 02-07-2025
PROJECT NUMBER: 18-2023
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CHECKED BY: BPH
DRAWING TITLE: EXTERIOR ELEVATIONS

DRAWING NUMBER
A-201



- TAG (3) Storefront 8.0 EA
- TAG (4) Storefront 16.0 EA
- TAG(2) Storefront 4.0 EA

Brian Herbert
Digitally signed by Brian Herbert
Date: 2025.02.07 14:25:32 -05'00'

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LAKE WORTH BEACH, FLORIDA

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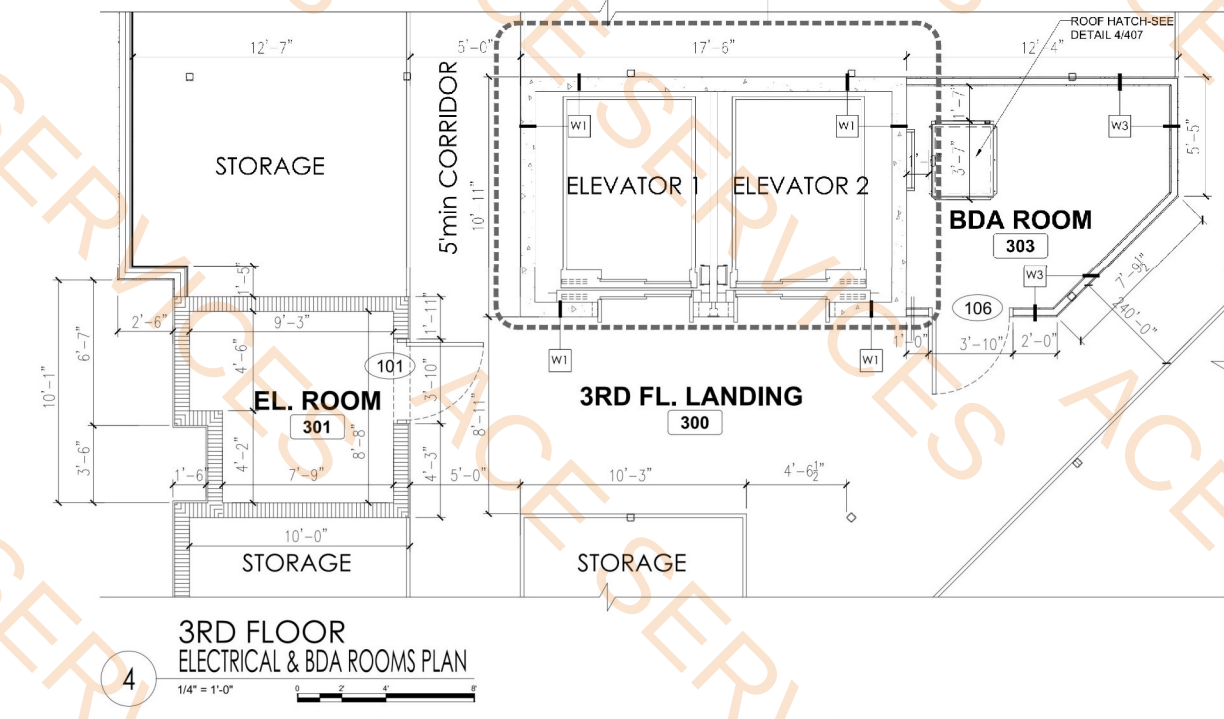
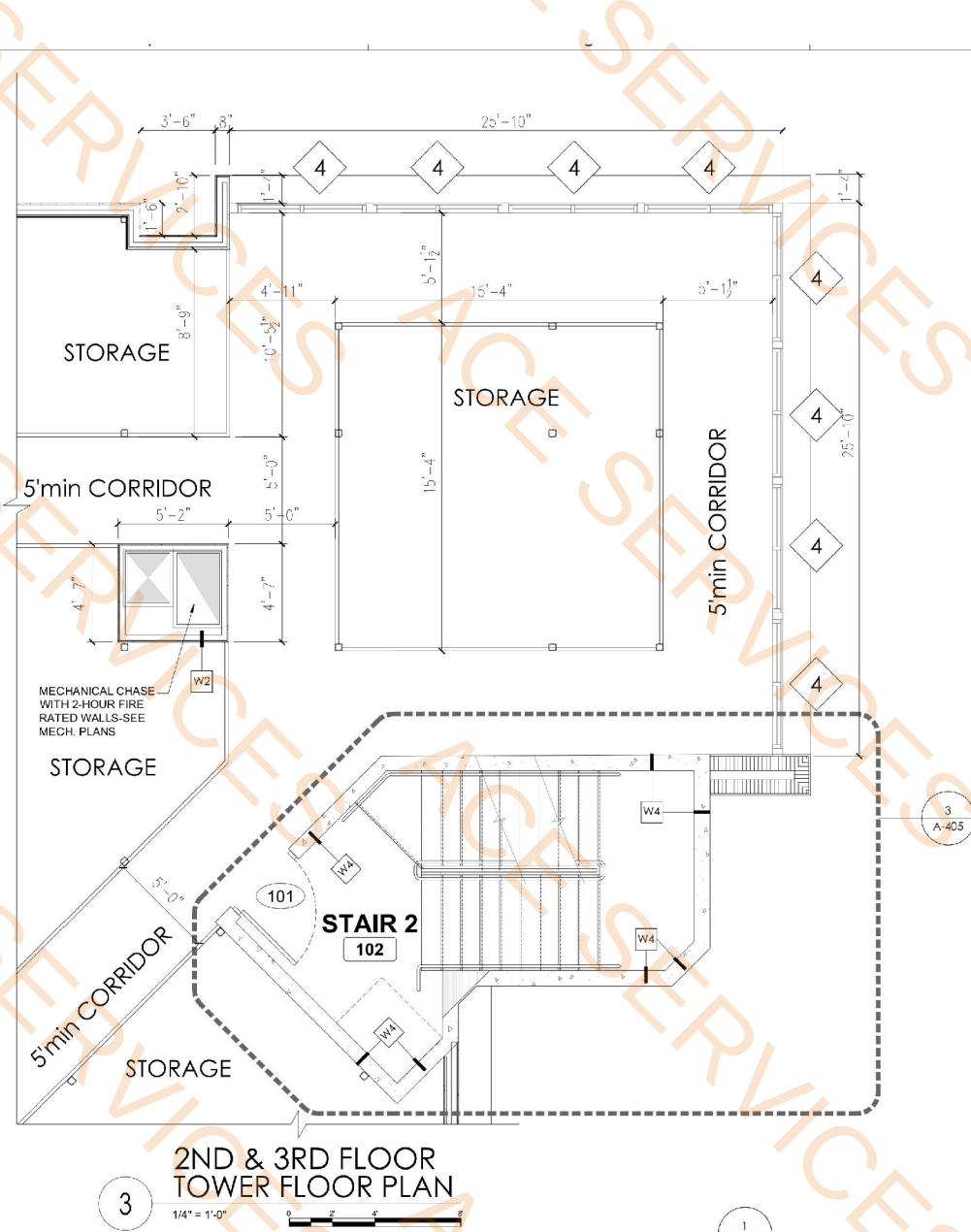
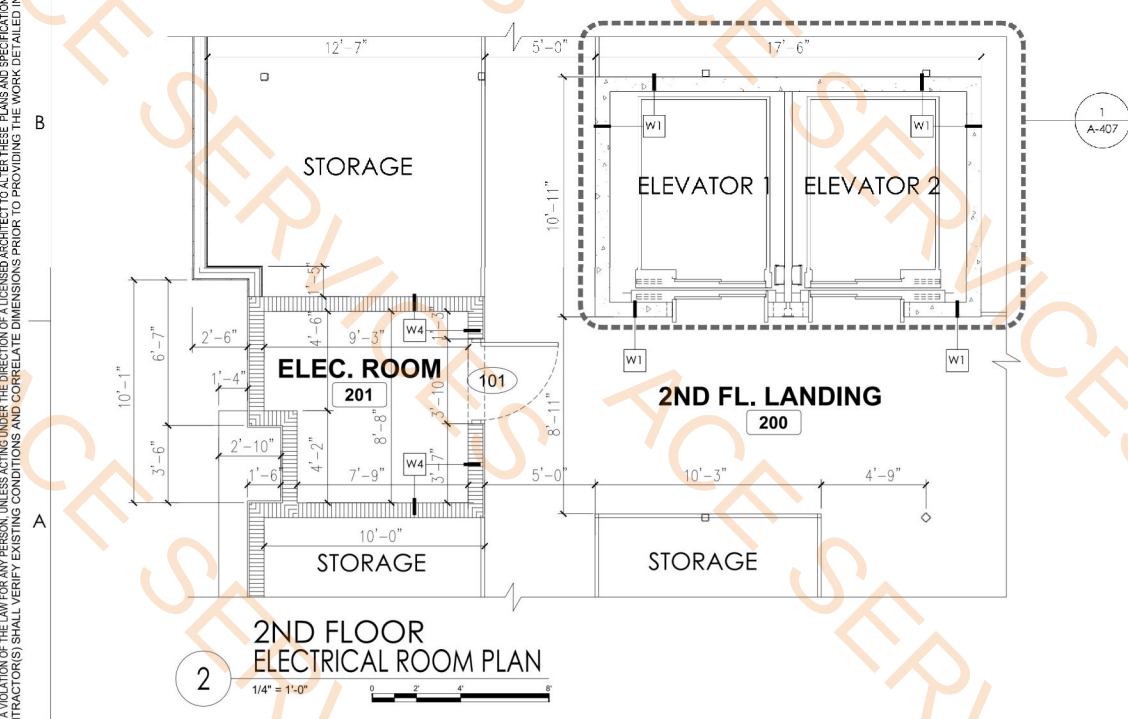
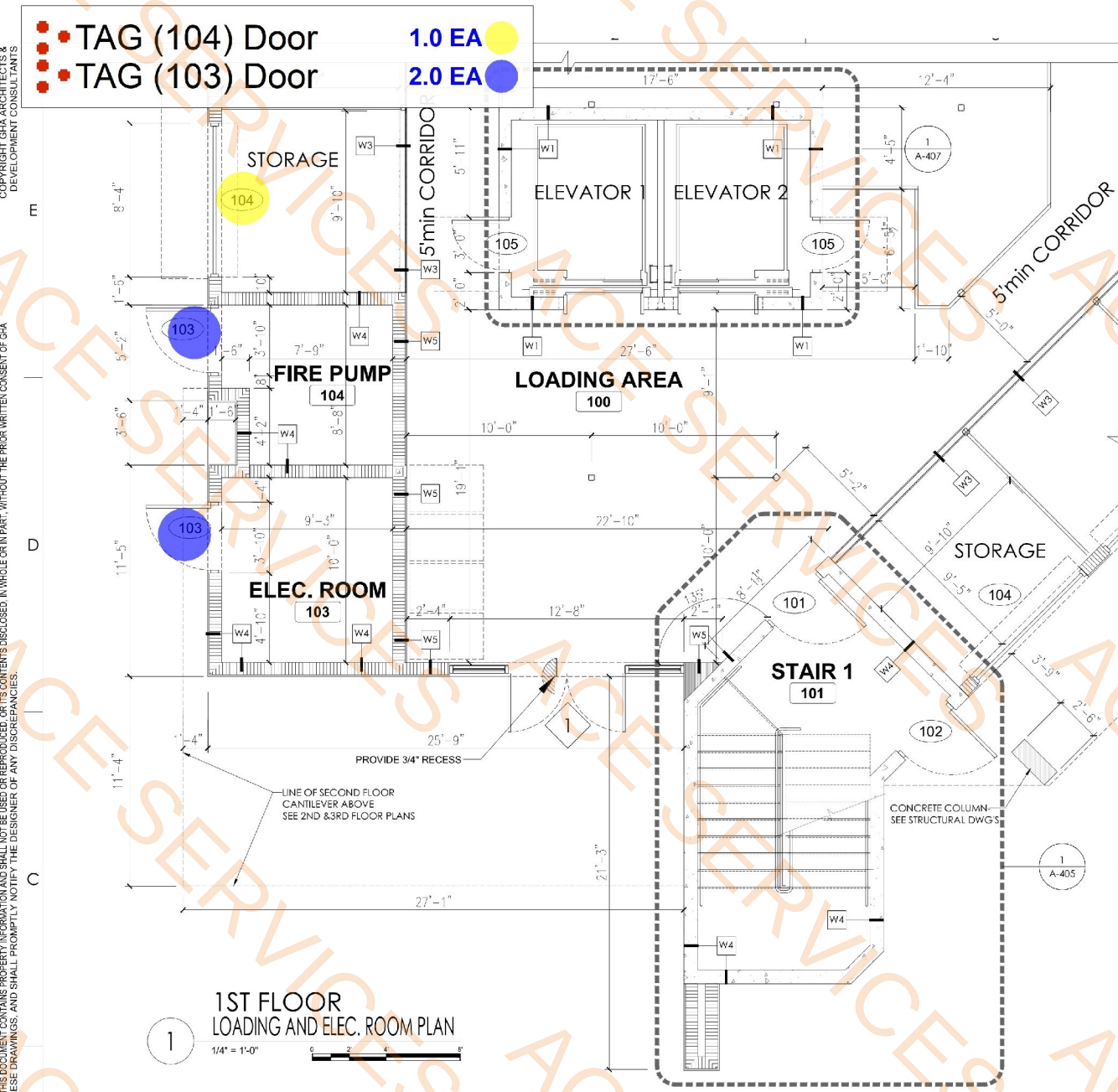
CONSTRUCTION DOCUMENTS

DATE: 02-07-2025
PROJECT NUMBER: 18-2023

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ELEVATIONS DETAILS
DRAWING NUMBER: A-202

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SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA
(OWNER)

REVISIONS		
No.	Description	Date

PROJECT STATUS
CONSTRUCTION DOCUMENTS
DATE: 02-07-2025
PROJECT NUMBER: 18-2023
SCALE: AS SHOWN
DRAWN BY: OH
CHECKED BY: BPH
DRAWING TITLE: ENLARGED PLANS

DRAWING NUMBER
A-406

TAG (105) Door

2.0 EA

3RD FLOOR ELEVATORS FL. PLAN

2ND FLOOR ELEVATORS FL. PLAN

1ST LEVEL ELEVATORS FLOOR PLAN

SECTION THRU ELEVATOR SHAFT

ROOF ACCESS LADDER

ROOF HATCH DETAIL

Brian Herbert

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Brian Herbert
Date: 2025.02.10
12:16:02 -05'00'

SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

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PROJECT STATUS
CONSTRUCTION DOCUMENTS

DATE
02-07-2025

PROJECT NUMBER
18-2023

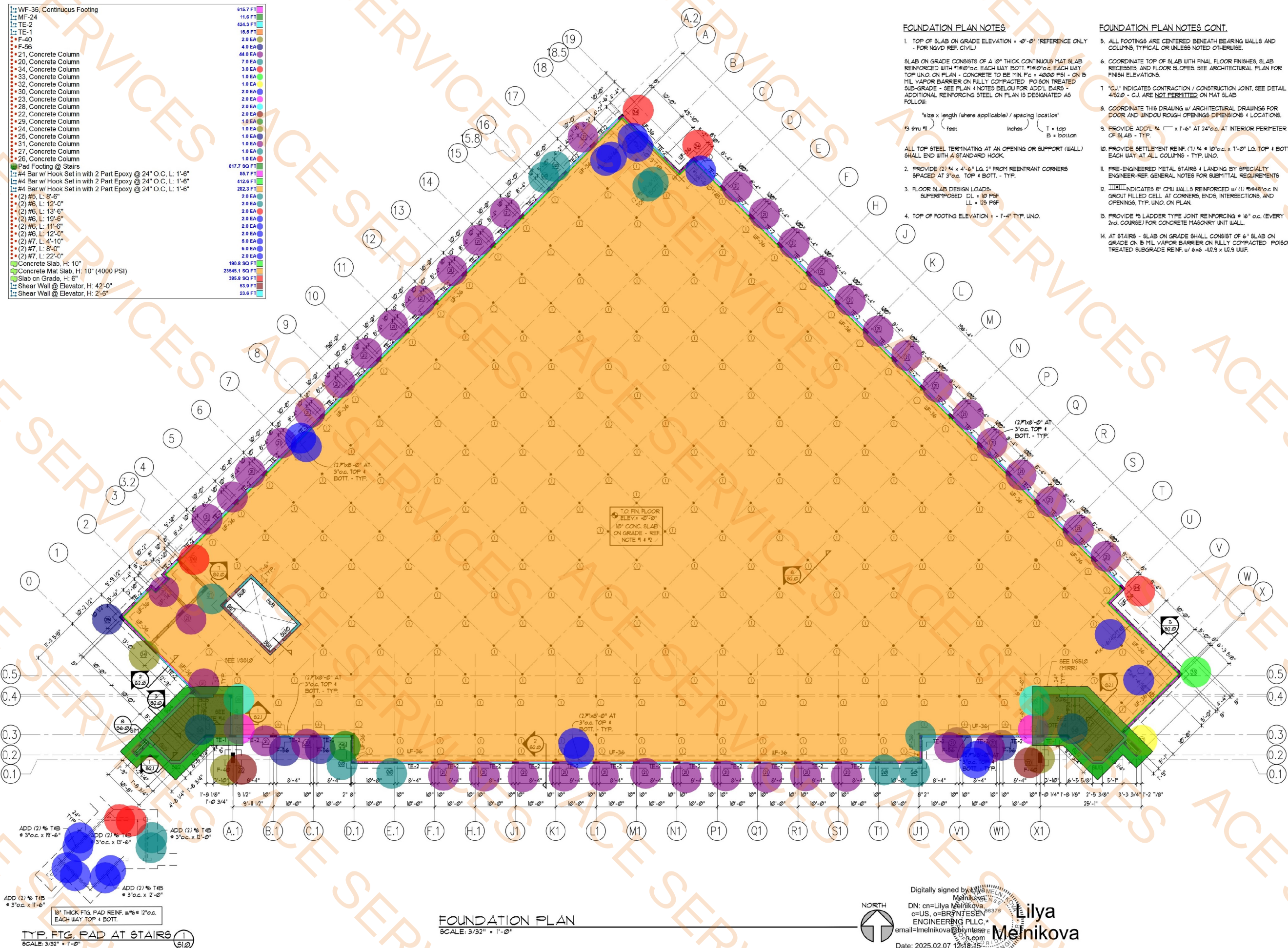
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AS SHOWN

DRAWN BY
OH

CHECKED BY
BPH

DRAWING TITLE
ELEVATOR ENLARGED
PLAN AND SECTION

DRAWING NUMBER
A-407



FOUNDATION PLAN NOTES CONT.

1. TOP OF SLAB ON GRADE ELEVATION = $\pm 0'-0"$ (REFERENCE ONLY - FOR NAVD REF. CIVIL)
- SLAB ON GRADE CONSISTS OF A 10" THICK CONTINUOUS MAT SLAB REINFORCED WITH #10 @ 10" O.C. EACH WAY BOT. #10 @ 10" O.C. EACH WAY TOP. ON PLAN - CONCRETE TO BE MIN. FC = 4000 PSI - ON 5 MIL VAPOR BARRIER ON FULLY COMPACTED POISON TREATED SUB-GRADE - SEE PLAN / NOTES BELOW FOR ADD'L BARS - ADDITIONAL REINFORCING STEEL ON PLAN IS DESIGNATED AS FOLLOWS:
- "size x length (where applicable) / spacing location"
- #3 thru #11 feet inches T = top B = bottom
- ALL TOP STEEL TERMINATING AT AN OPENING OR SUPPORT (WALL) SHALL END WITH A STANDARD HOOK
2. PROVIDE (2) #4 x 4'-6" LG. 2" FROM REINSTRNT CORNERS SPACED AT 3' o.c. TOP & BOT. - TYP.
3. FLOOR SLAB DESIGN LOADS:
SUPERIMPOSED DL = 10 PSF
LL = 25 PSF
4. TOP OF FOOTING ELEVATION = 1'-4" TYP. UNO.
5. ALL FOOTINGS ARE CENTERED BENEATH BEARING WALLS AND COLUMNS, TYPICAL OR UNLESS NOTED OTHERWISE.
6. COORDINATE TOP OF SLAB WITH FINAL FLOOR FINISHES, SLAB RECESSES, AND FLOOR R.O.F.s. SEE ARCHITECTURAL PLAN FOR FINISH ELEVATIONS.
7. "C.J." INDICATES CONTRACTION / CONSTRUCTION JOINT, SEE DETAIL 4152.0 - C.J. ARE NOT PERMITTED ON MAT SLAB
8. COORDINATE THIS DRAWING w/ ARCHITECTURAL DRAWINGS FOR DOOR AND WINDOW OPENINGS DIMENSIONS & LOCATIONS.
9. PROVIDE ADD'L #4 $\square$ x 1'-6" AT 24" o.c. AT INTERIOR PERIMETER OF SLAB - TYP.
10. PROVIDE SETTLEMENT REIN. (1) #4 @ 10" o.c. x 1'-0" LG. TOP & BOT. EACH WAY AT ALL COLUMNS - TYP. UNO.
11. PRE-ENGINEERED METAL STAIRS & LANDING BY SPECIALTY ENGINEER-REF. GENERAL NOTES FOR SUBMITTAL REQUIREMENTS
12. III INDICATES 8" CMU WALLS REINFORCED w/ (1) #6 @ 8" o.c. IN GROUT FILLED CELL AT CORNERS, ENDS, INTERSECTIONS, AND OPENINGS, TYP. UNO. ON PLAN
13. PROVIDE S LADDER TYPE JOINT REINFORCING @ 16" o.c. (EVERY 2nd COURSE) FOR CONCRETE MASONRY UNIT WALL.
14. AT STAIRS - SLAB ON GRADE SHALL CONSIST OF 6" SLAB ON GRADE ON 5 MIL VAPOR BARRIER ON FULLY COMPACTED POISON TREATED SUBGRADE REIN. w/ 6"x6 - @2.9 x 12.9 WUF.

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LAKE WORTH BEACH, FLORIDA

[illegible]

PROJECT STATUS

CONSTRUCTION DOCUMENTS

DATE
2024-12-01

PROJECT NUMBER
18-2023

SCALE
AS SHOWN

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DRAWING TITLE:

FOUNDATION PLAN

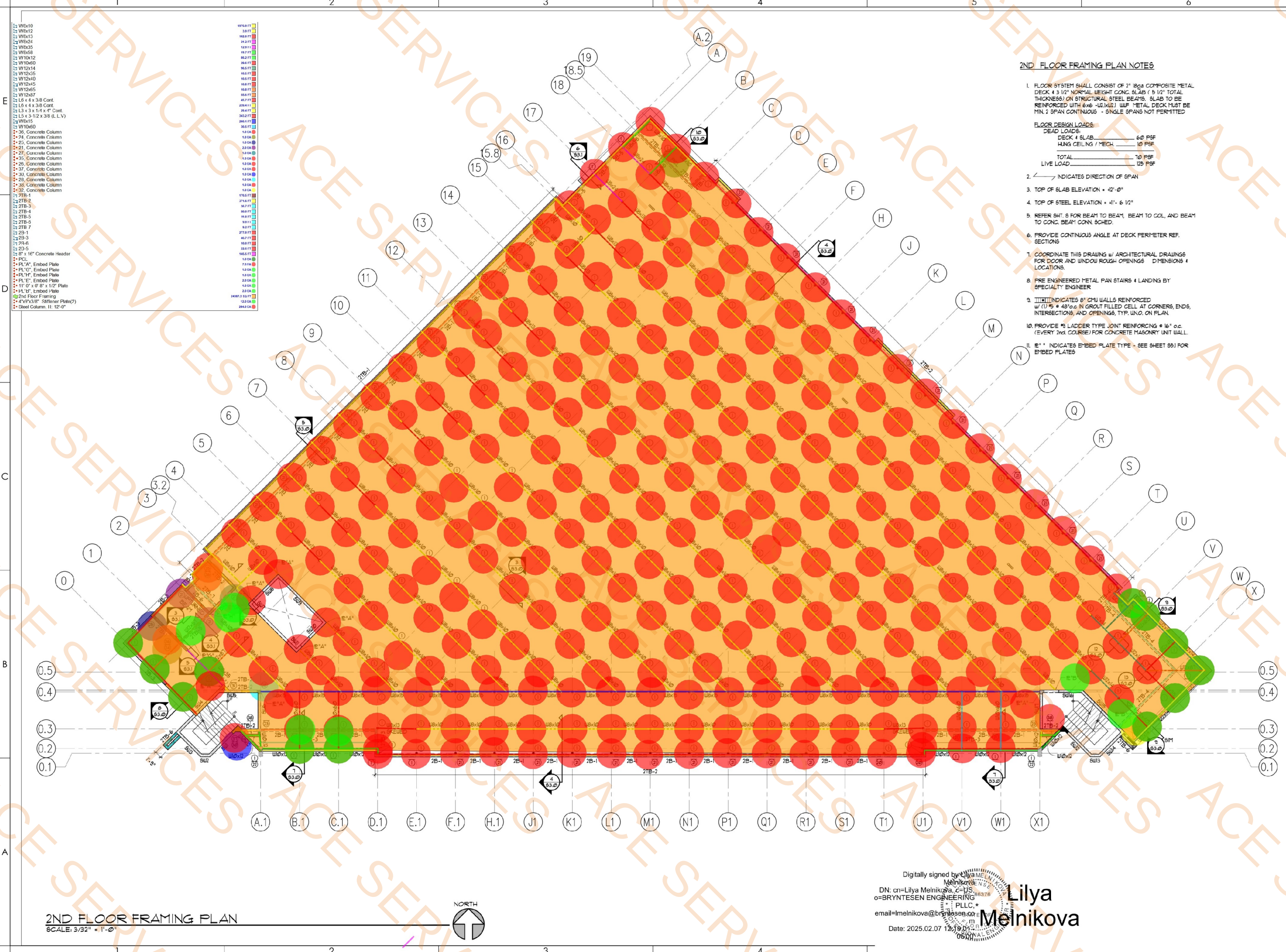
DRAWING NUMBER

C10

S1.0

Digitally signed by Lilya Melnikova
DN: cn=Lilya Melnikova, o=BRNJTES
ENGINEERING PLLC, email=lmelnikova@brnjtes
n.com
Date: 2025.02.07 12:38:15
CZ/NO

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- 2ND FLOOR FRAMING PLAN NOTES**
- FLOOR SYSTEM SHALL CONSIST OF 2" ϕ 808 COMPOSITE METAL DECK & 3 1/2" NOMINAL WEIGHT CONC. SLAB (5 1/2" TOTAL THICKNESS) ON STRUCTURAL STEEL BEAMS. SLAB TO BE REINFORCED WITH 6x6 -U/L/W/2. U/LF METAL DECK MUST BE MIN. 2 SPAN CONTINUOUS - SINGLE SPANS NOT PERMITTED.
 - FLOOR DESIGN LOADS:
DEAD LOADS:
DECK & SLAB _____ 60 PSF
HUNG CEILING / MECH. _____ 10 PSF
TOTAL _____ 70 PSF
LIVE LOAD _____ 120 PSF
 - INDICATES DIRECTION OF SPAN
 - TOP OF SLAB ELEVATION = 42'-0"
 - TOP OF STEEL ELEVATION = 41'-6 1/2"
 - REFER SHT. 5 FOR BEAM TO BEAM, BEAM TO COL, AND BEAM TO CONC. BEAM CONN. SCHED.
 - PROVIDE CONTINUOUS ANGLE AT DECK PERIMETER REF. SECTIONS
 - COORDINATE THIS DRAWING w/ ARCHITECTURAL DRAWINGS FOR DOOR AND WINDOW ROUGH OPENINGS, DIMENSIONS & LOCATIONS.
 - PRE ENGINEERED METAL PAN STAIRS & LANDING BY SPECIALTY ENGINEER
 - INDICATES 0" CMU WALLS REINFORCED w/ (1) 5" ϕ 48" o.c. IN GROUT FILLED CELL AT CORNERS, ENDS, INTERSECTIONS, AND OPENINGS, TYP. UNO. ON PLAN.
 - PROVIDE #3 LADDER TYPE JOINT REINFORCING @ 16" o.c. (EVERY 2nd COURSE) FOR CONCRETE MASONRY UNIT WALL.
 - INDICATES EMBED PLATE TYPE - SEE SHEET 051 FOR EMBED PLATES

SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
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REVISIONS		
No.	Description	Date

PROJECT STATUS
CONSTRUCTION DOCUMENTS

DATE
2024-12-01

PROJECT NUMBER
18-2023

SCALE
AS SHOWN

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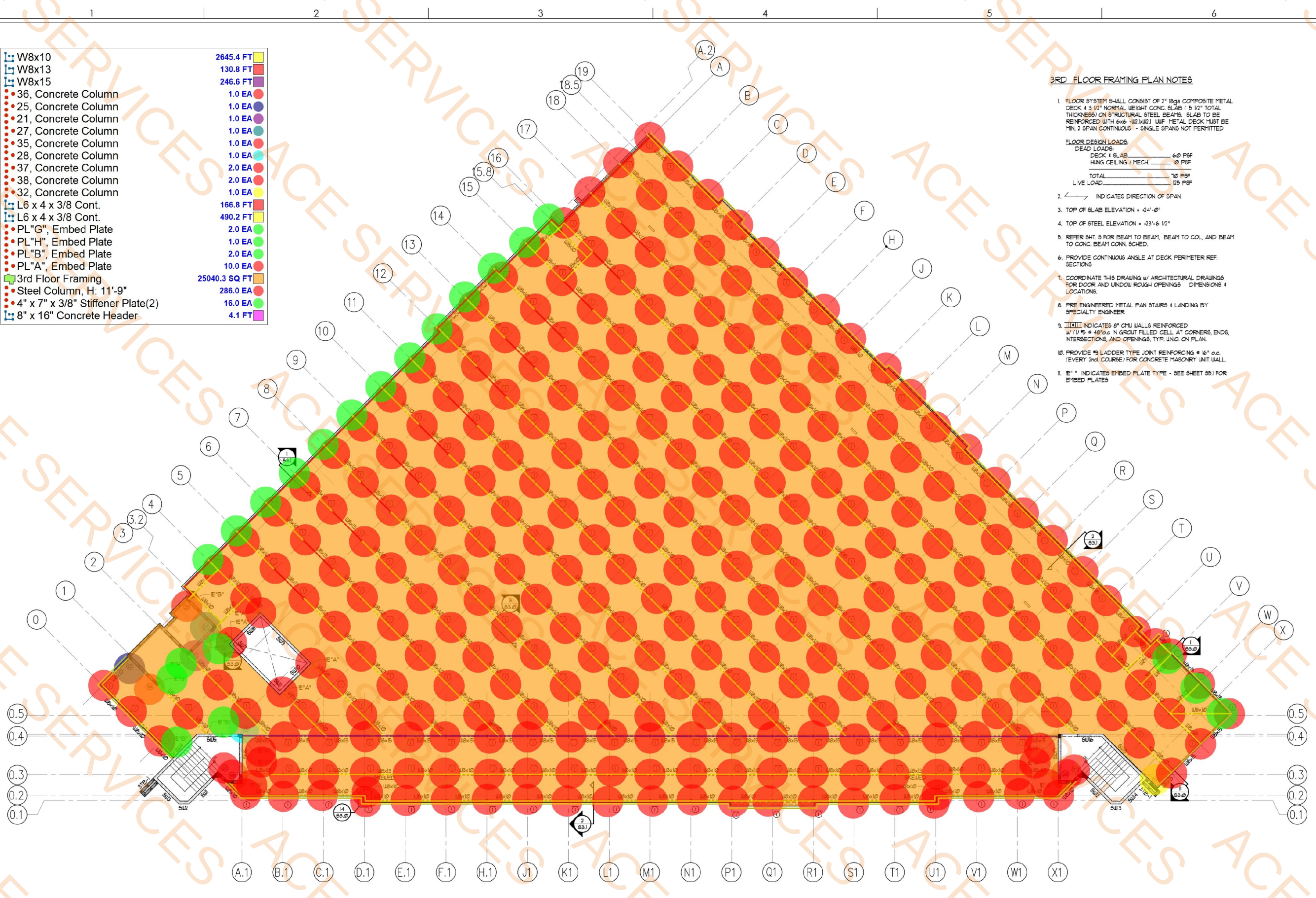
DRAWING TITLE
2ND FLOOR
FRAMING PLAN

DRAWING NUMBER
S1.1

Digitally signed by Liliya Melnikova
DN: cn=Liliya Melnikova, c=US,
o=BRYNTESEN ENGINEERING
PLLC,*
email=lmelnikova@bryntesen.com
Date: 2025.02.07 12:19:01

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- W8x10 2645.4 FT
- W8x13 130.8 FT
- W8x15 246.6 FT
- 36, Concrete Column 1.0 EA
- 25, Concrete Column 1.0 EA
- 21, Concrete Column 1.0 EA
- 27, Concrete Column 1.0 EA
- 35, Concrete Column 1.0 EA
- 28, Concrete Column 1.0 EA
- 37, Concrete Column 2.0 EA
- 38, Concrete Column 2.0 EA
- 32, Concrete Column 1.0 EA
- L6 x 4 x 3/8 Cont. 166.8 FT
- L6 x 4 x 3/8 Cont. 490.2 FT
- PL"G", Embed Plate 2.0 EA
- PL"H", Embed Plate 1.0 EA
- PL"B", Embed Plate 2.0 EA
- PL"A", Embed Plate 10.0 EA
- 3rd Floor Framing 25040.3 SQ FT
- Steel Column, H: 11'-9" 286.0 EA
- 4" x 7" x 3/8" Stiffener Plate(2) 16.0 EA
- 8" x 16" Concrete Header 4.1 FT



- 3RD FLOOR FRAMING PLAN NOTES**
- FLOOR SYSTEM SHALL CONSIST OF 2" 18ga COMPOSITE METAL DECK + 3 1/2" NORMAL WEIGHT CONC. SLAB (5 1/2" TOTAL THICKNESS) ON STRUCTURAL STEEL BEAMS. SLAB TO BE REINFORCED WITH 6x6 -10/12 U1F. METAL DECK MUST BE MIN. 2 SPAN CONTINUOUS - SINGLE SPANS NOT PERMITTED.
 - FLOOR DESIGN LOADS:
DECK + SLAB 60 PSF
HUNG CEILING / MECH 10 PSF
TOTAL 70 PSF
LIVE LOAD 125 PSF
 - INDICATES DIRECTION OF SPAN
 - TOP OF SLAB ELEVATION = 24'-0"
 - TOP OF STEEL ELEVATION = 23'-6 1/2"
 - REFER SHT. 5 FOR BEAM TO BEAM, BEAM TO COL., AND BEAM TO CONC. BEAM CONN. SCHED.
 - PROVIDE CONTINUOUS ANGLE AT DECK PERIMETER REF. SECTIONS
 - COORDINATE THIS DRAWING w/ ARCHITECTURAL DRAWINGS FOR DOOR AND WINDOW ROUGH OPENINGS, DIMENSIONS & LOCATIONS.
 - FIRE ENGINEERED METAL PAN STAIRS & LANDING BY SPECIALTY ENGINEER
 - INDICATES 8" CMU WALLS REINFORCED w/ (1) #4 @ 48" o.c. IN GROUT FILLED CELL AT CORNERS, ENDS, INTERSECTIONS, AND OPENINGS, TYP. UNO. ON PLAN.
 - PROVIDE #3 LADDER TYPE JOINT REINFORCING @ 16" o.c. (EVERY 2nd COURSE) FOR CONCRETE MASONRY UNIT WALL.
 - "E" * INDICATES EMBED PLATE TYPE - SEE SHEET 551 FOR EMBED PLATES

SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

REVISIONS		
No.	Description	Date

PROJECT STATUS
CONSTRUCTION DOCUMENTS
DATE 2024-12-01
PROJECT NUMBER 18-2023
SCALE AS SHOWN
DRAWN BY CH CHECKED BY BPH
DRAWING TITLE 3RD FLOOR FRAMING PLAN

DRAWING NUMBER
S1.2

3RD FLOOR FRAMING PLAN
SCALE: 3/32" = 1'-0"



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DN: cn=Liliya Melnikova, c=US, o=BRYNTESEN ENGINEERING, email=l.melnikova@bryntesen.com
Date: 2025.02.07 12:19:46
Liliya Melnikova

- L16 G 4N 4K
- L16 G 4R 4K
- L16 G 5N 4K
- L16 G 5M 4K
- L16 G 6N 4K (Skewed)
- L16 G 4 x 3/8 Cent.
- L16 G 7N 7K
- L16 G 9N 4K
- L16 G 4N 7K
- L16 G 2N 5K
- L16 G 2N 6K
- W01X10ust
- W10x12
- W10x15
- W10x19
- W10x22
- W10x30
- 12K3 K 20°-0"
- 12K3 K 22°-6"
- 12K3 K 23°-6"
- 12NSP L 15°-6"
- 12NSP L 20°-0"
- 10K1 L 7°-6"
- 10K1 L 7°-6"
- 10K1 L 11°-6" x 114" Basing, L 1°-5" (389 Qty.)
- 12S-X1
- 12K3
- 12NSP
- 12K3 w R4
- 12K3 w R Ext.
- 10KSXP
- 10K1
- 10K1 w Cant
- 10K1 w R4
- W0510
- Roof Framing
- "PLB", Ended Flange
- 8" x 15" Concrete Header
- Slab @ Elevator, H:0°-5'0" @ 12° O.C., T=8
- 4TE-1



ROOF FRAMING PLAN NOTES:

1. ROOF STRUCTURE IS 10ga GALVANIZED 159 ROOF DECK ON STEEL JOISTS (W40).
ATTACH TO ROOF STRUCTURE w/ 5/8" PUDDLE WELDS IN 36" JOIST SPACING
PATTERN 4 (8) 5/8" PUDDLE WELDS SIDELAP FASTENERS EACH SPAN - WELD
PERIMETER w/ 5/8" PUDDLE WELDS @ 6" o.c. - SEE ARCH. DUGS FOR ROOFING
SPEC - IF LIGHT WEIGHT INSULATED CONC. SPECIFIED PROVIDE VENTED DECK
2. SEE ARCHITECTURAL DRAWINGS FOR ROOFING MATERIAL ON METAL DECK
3. PROVIDE CONTINUOUS ANGLE AT ALL STEEL ROOF DECK PERIMETER REF
SECTIONS
4. STEEL JOISTS DESIGN CRITERIA: LL + 30 lb/sq ft, DL + 25 lb/sq ft.
5. STEEL JOISTS SHALL BE SPECIFIED FOR UPLIFT LOADS AND ROOF TOP UNIT
LOADS - SEE SHT. 502 FOR UPLIFT LOADS
6. JOIST INFO TO DESIGN JOISTS AND JOIST GIRDERS FOR CONCENTRATED LOADS
IN ACCORDANCE WITH AISC 360 (KIPS) - CONCENTRATED LOADS ARE
ADDITIONAL TO UNIFORMLY DISTRIBUTED LOADS OR POINT LOAD JOIST OR
GIRDER IS RATED FOR RTU LOADS SEE TABLE ON THIS SHEET
7. PROVIDE STEEL JOIST BRIDGING ANCHORS FOR ALL BRIDGING SEE SHT. 540 FOR
MORE INFO.
8. COORDINATE ROOF TOP OPENINGS WITH ARCHITECTURAL AND MECHANICAL
DRAWINGS FOR SIZE AND LOCATION.
9. REF. ARCH DUGS FOR PARAPET HEIGHTS.
10. COORD. SCUPPER LOCATIONS w/ ARCH. DUGS.
11. ROOF TOP UNITS AND A/C RACKS TO WITHSTAND WIND PRESSURES IN
ACCORDANCE WITH THE FBC 1606.0 HORIZONTAL AND VERTICAL PRESSURES TO
BE APPLIED SIMULTANEOUSLY:
HORIZONTAL = $(GC_{pf}) \times q \times (13) \times (.4706) \times .892 \text{ PSF}$
VERTICAL = $(GC_{pi}) \times q \times (13) \times (.4706) \times 1.06 \text{ PSF}$
12. PROVIDE W6x13 HOIST BEAMS OVER SHAFTS w/ "B" PLATE EMBEDS AT EACH END.

SMART STOP
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[illegible]

PROJECT STATUS
CONSTRUCTION DOCUMENTS

DATE 2024-12-01

PROJECT NUMBER
18-2023

SCALE
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DRAWN BY: OH
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DRAWING TITLE

ROOF FRAMING PLAN



DRAWING NUMBER

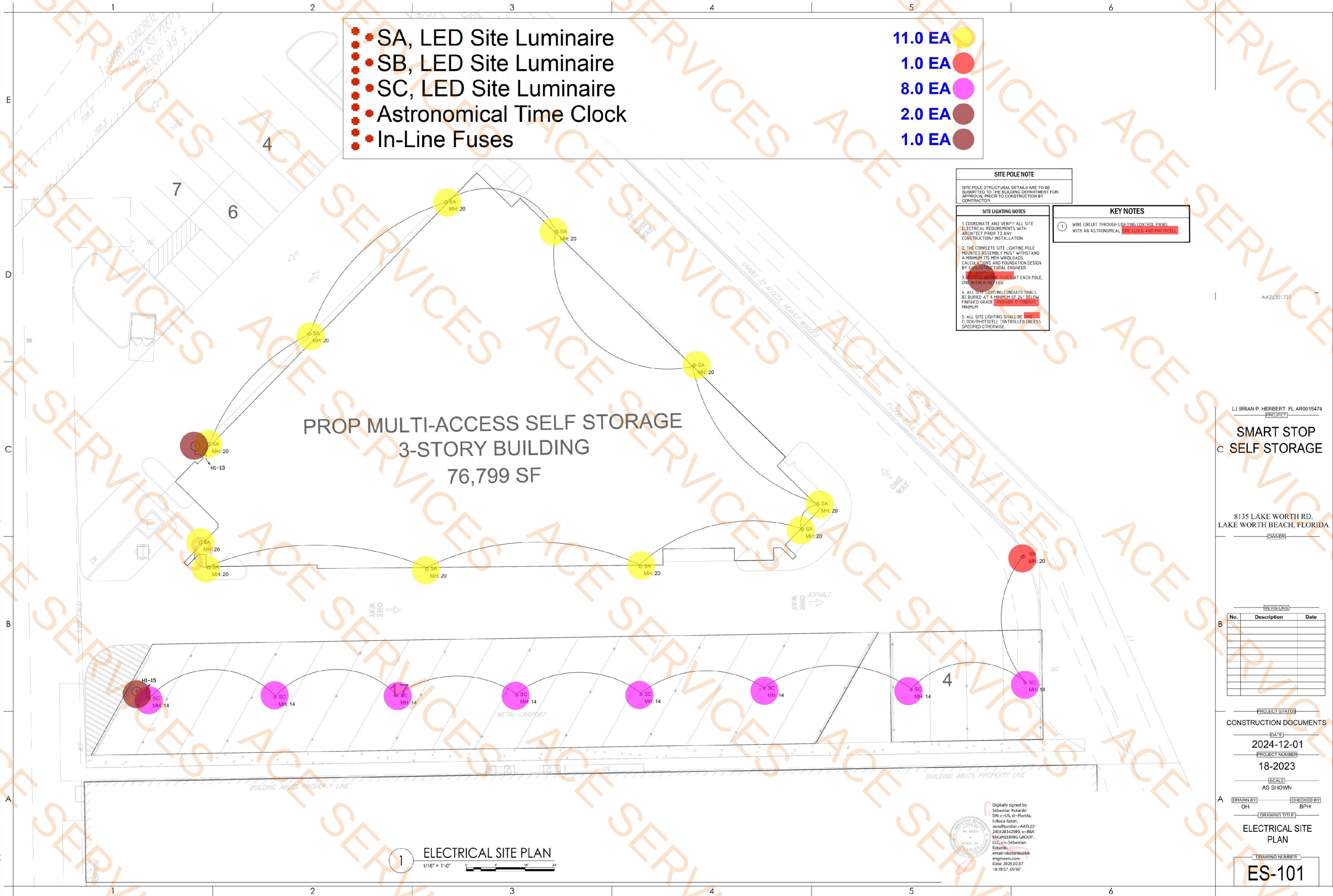
S1.3

ROOF FRAMING PLAN
SCALE: 3/32" = 1'-0"



Digitally signed by Liliya Melnikova
DN: cn=Liliya Melnikova, o=HS
o=БРНТЕСЕН
ENGINEERING PLLC,*
email=lmelnikova@brntesen.com
Date: 2025.02.07 12:21:37

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LJ BRIAN P. HERBERT FL AR0015474
PROJECT

SMART STOP
C SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

OWNER

REVISIONS		
No.	Description	Date

PROJECT STATUS
CONSTRUCTION DOCUMENTS

DATE
2024-12-01

PROJECT NUMBER
18-2023

SCALE
AS SHOWN

DRAWN BY
OH

CHECKED BY
BPH

DRAWING TITLE
ELECTRICAL SITE PLAN

DRAWING NUMBER
ES-101

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Sebastian Kotarski
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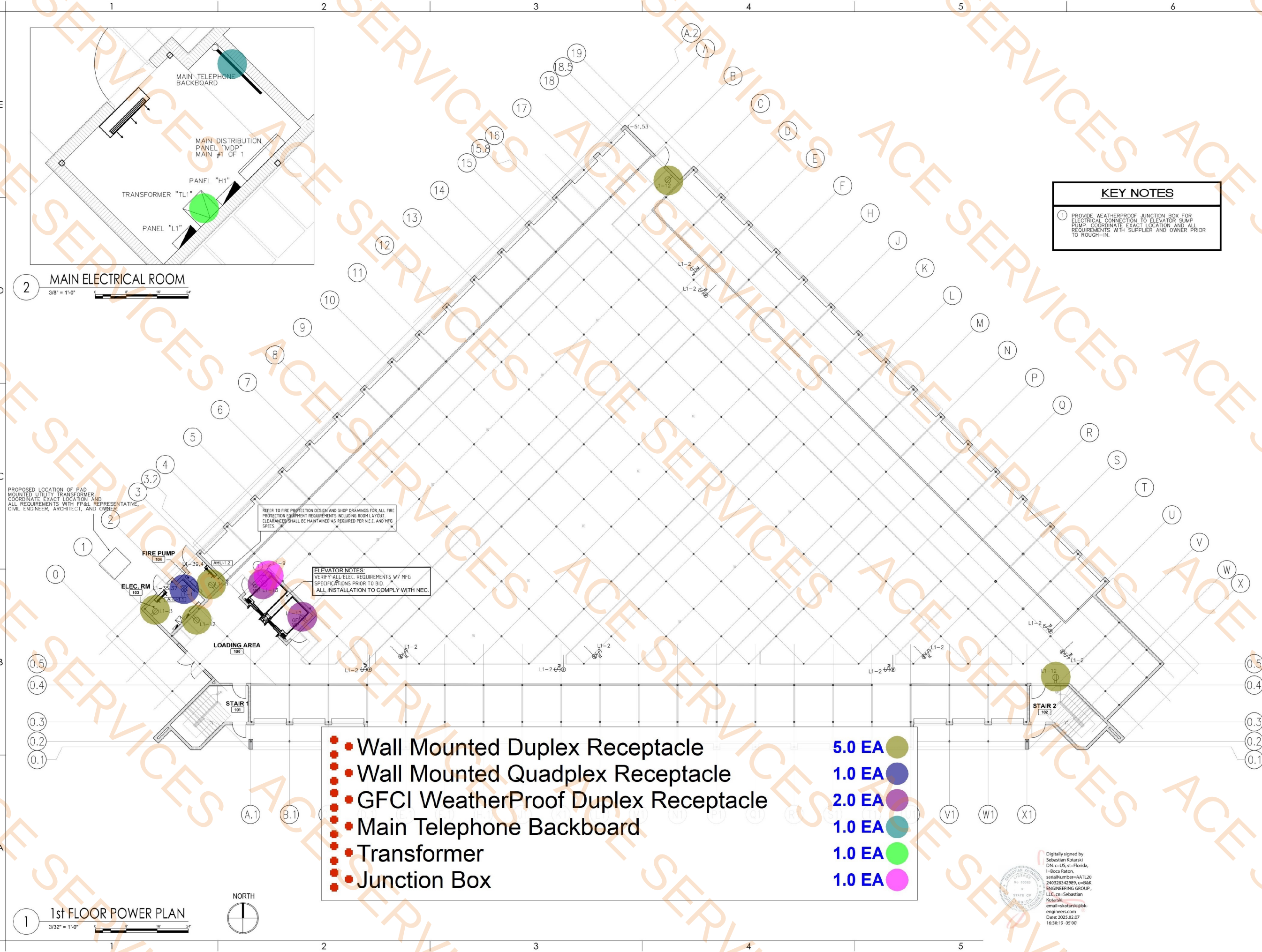
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KEY NOTES

1. PROVIDE WEATHERPROOF JUNCTION BOX FOR ELECTRICAL CONNECTION TO ELEVATOR SUMP PUMP. COORDINATE EXACT LOCATION AND ALL REQUIREMENTS WITH SUPPLIER AND OWNER PRIOR TO ROUGH-IN.

PROJECT
**SMART STOP
SELF STORAGE**

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

OWNER

REVISIONS		
No.	Description	Date

PROJECT STATUS
CONSTRUCTION DOCUMENTS
DATE: 2024-12-01
PROJECT NUMBER: 18-2023
SCALE: AS SHOWN

DRAWN BY: CH
CHECKED BY: BPH
DRAWING TITLE: 1st FLOOR POWER PLAN

DRAWING NUMBER: **E-101**

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Date: 2025.02.07
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$3/32" = 1'-0"$

A horizontal graphic scale bar with alternating black and white segments. It is marked with the numbers 0, 8, 16, and 24, representing feet.

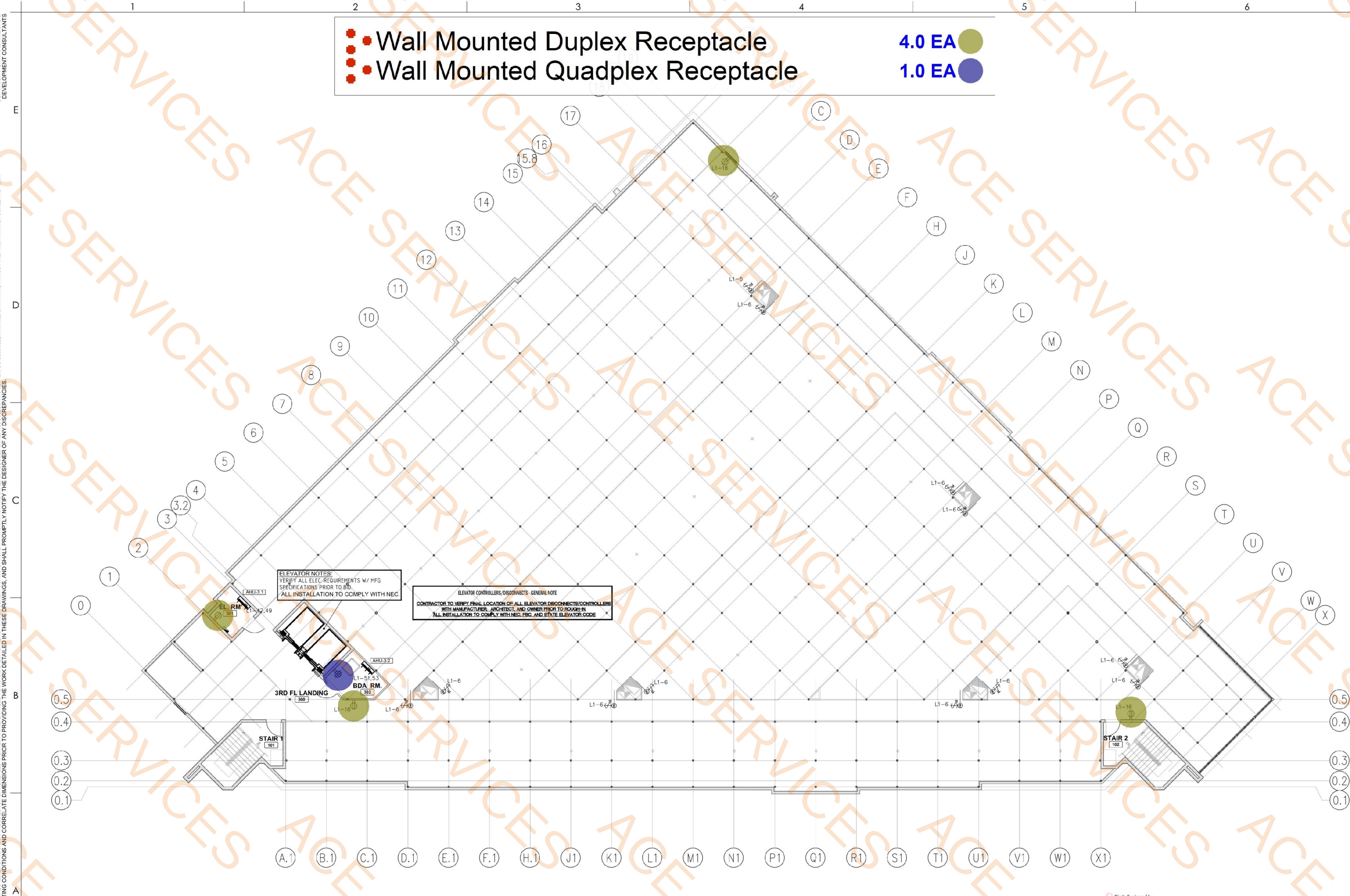
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E-102

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- Wall Mounted Duplex Receptacle 4.0 EA
- Wall Mounted Quadplex Receptacle 1.0 EA

4.0 EA

1.0 EA

PROJECT

SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

OWNER

REVISIONS

No.	Description	Date

PROJECT STATUS

CONSTRUCTION DOCUMENTS

DATE

2024-12-01

PROJECT NUMBER

18-2023

SCALE

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DRAWN BY: CH CHECKED BY: BPH

DRAWING TITLE

3rd FLOOR POWER
PLAN

DRAWING NUMBER

E-103

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- GFCI WeatherProof Duplex Receptacle
- Fusible Disconnect Switch
- Fusible Disconnect Switch

7.0 EA
6.0 EA
5.0 EA

KEY NOTES

1. PROVIDE FUSES AS RECOMMENDED BY EQUIPMENT MANUFACTURER.
2. ROOF TOP EQUIPMENT:
 - VERIFY EXACT CU LOCATION IN FIELD.
 - ELECTRICAL CONDUITS FOR THE ROOF MOUNTED UNITS SHALL BE RUN IN CEILING SPACE AND NOT ON ROOF DECK.
 - OTHERWISE, CONDUIT SHALL BE AS PER NEC 2020.
 - CIRCUIT BREAKER/DISCONNECT MUST MAINTAIN 3'-0" CLEARANCE IN FRONT.
 - CONTRACTOR TO PROVIDE 1/2" EMPTY CONDUIT WITH PULL STRINGS FOR CONTROL WIRING FROM CU TO EQUIPMENT TO BE INSTALLED.

PROJECT
**SMART STOP
SELF STORAGE**

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

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DRAWING TITLE

ROOF POWER
PLAN

DRAWING NUMBER

E-104

1 ROOF POWER PLAN
3/32" = 1'-0"

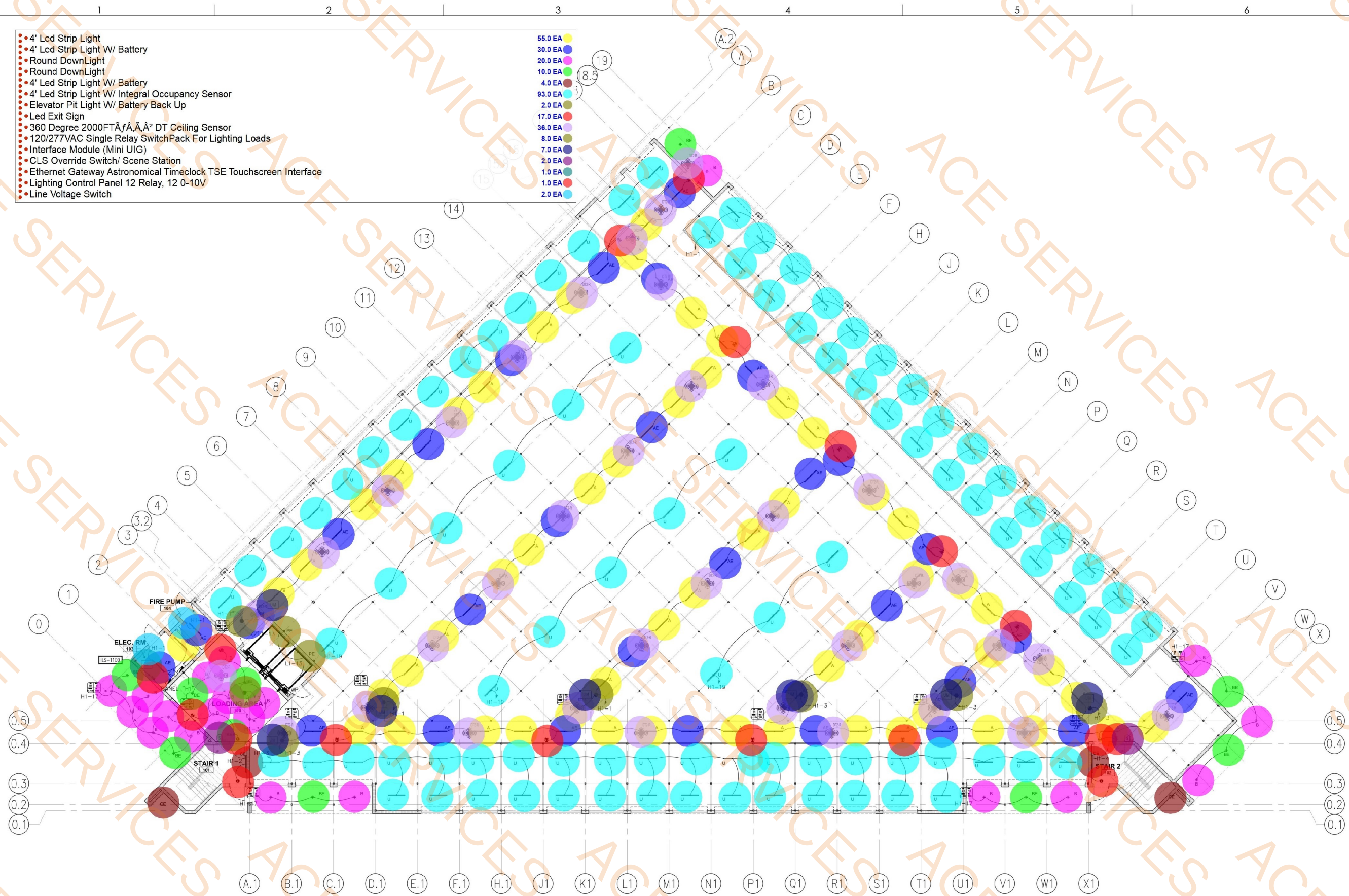


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- 4' Led Strip Light
- 4' Led Strip Light W/ Battery
- Round DownLight
- Round DownLight
- 4' Led Strip Light W/ Battery
- 4' Led Strip Light W/ Integral Occupancy Sensor
- Elevator Pit Light W/ Battery Back Up
- Led Exit Sign
- 360 Degree 2000FT² DT Ceiling Sensor
- 120/277VAC Single Relay SwitchPack For Lighting Loads
- Interface Module (Mini UIG)
- CLS Override Switch/ Scene Station
- Ethernet Gateway Astronomical Timeclock TSE Touchscreen Interface
- Lighting Control Panel 12 Relay, 12 0-10V
- Line Voltage Switch

- 55.0 EA
- 30.0 EA
- 20.0 EA
- 10.0 EA
- 4.0 EA
- 93.0 EA
- 2.0 EA
- 17.0 EA
- 36.0 EA
- 8.0 EA
- 7.0 EA
- 2.0 EA
- 1.0 EA
- 1.0 EA
- 2.0 EA



PROJECT
**SMART STOP
SELF STORAGE**

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PROJECT NUMBER
18-2023

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DRAWN BY
CH

CHECKED BY
BPH

DRAWING TITLE
1st FLOOR LIGHTING
PLAN

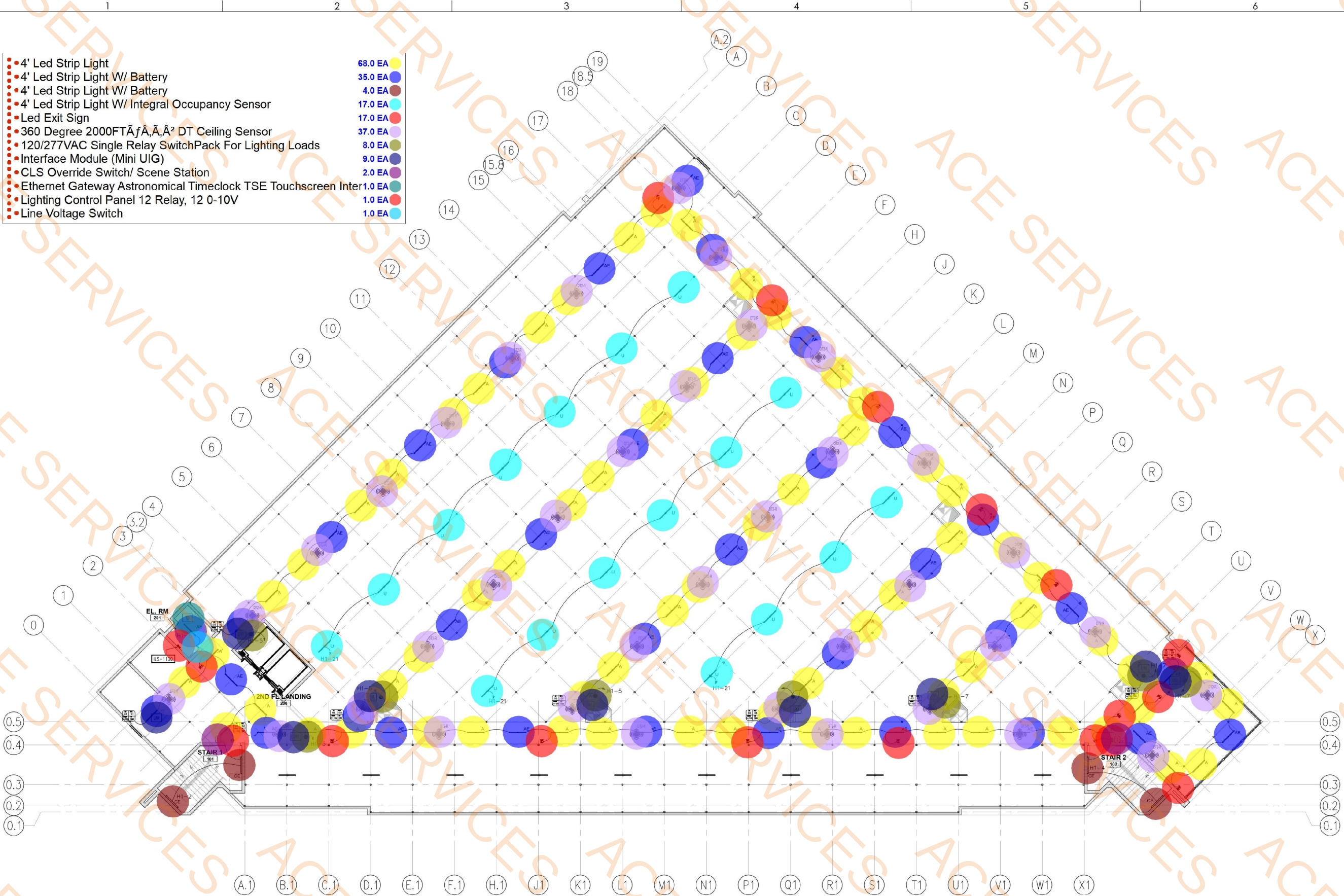
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E-201

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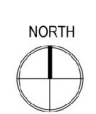
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- 4' Led Strip Light
- 4' Led Strip Light W/ Battery
- 4' Led Strip Light W/ Battery
- 4' Led Strip Light W/ Integral Occupancy Sensor
- Led Exit Sign
- 360 Degree 2000FT² DT Ceiling Sensor
- 120/277VAC Single Relay SwitchPack For Lighting Loads
- Interface Module (Mini UIG)
- CLS Override Switch/ Scene Station
- Ethernet Gateway Astronomical Timeclock TSE Touchscreen Inter
- Lighting Control Panel 12 Relay, 12 0-10V
- Line Voltage Switch

- 68.0 EA
- 35.0 EA
- 4.0 EA
- 17.0 EA
- 17.0 EA
- 37.0 EA
- 8.0 EA
- 9.0 EA
- 2.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA



1 2nd FLOOR LIGHTING PLAN
3/32" = 1'-0"



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PROJECT
**SMART STOP
SELF STORAGE**

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

OWNER

REVISIONS		
No.	Description	Date

PROJECT STATUS
CONSTRUCTION DOCUMENTS

DATE
2024-12-01

PROJECT NUMBER
18-2023

SCALE
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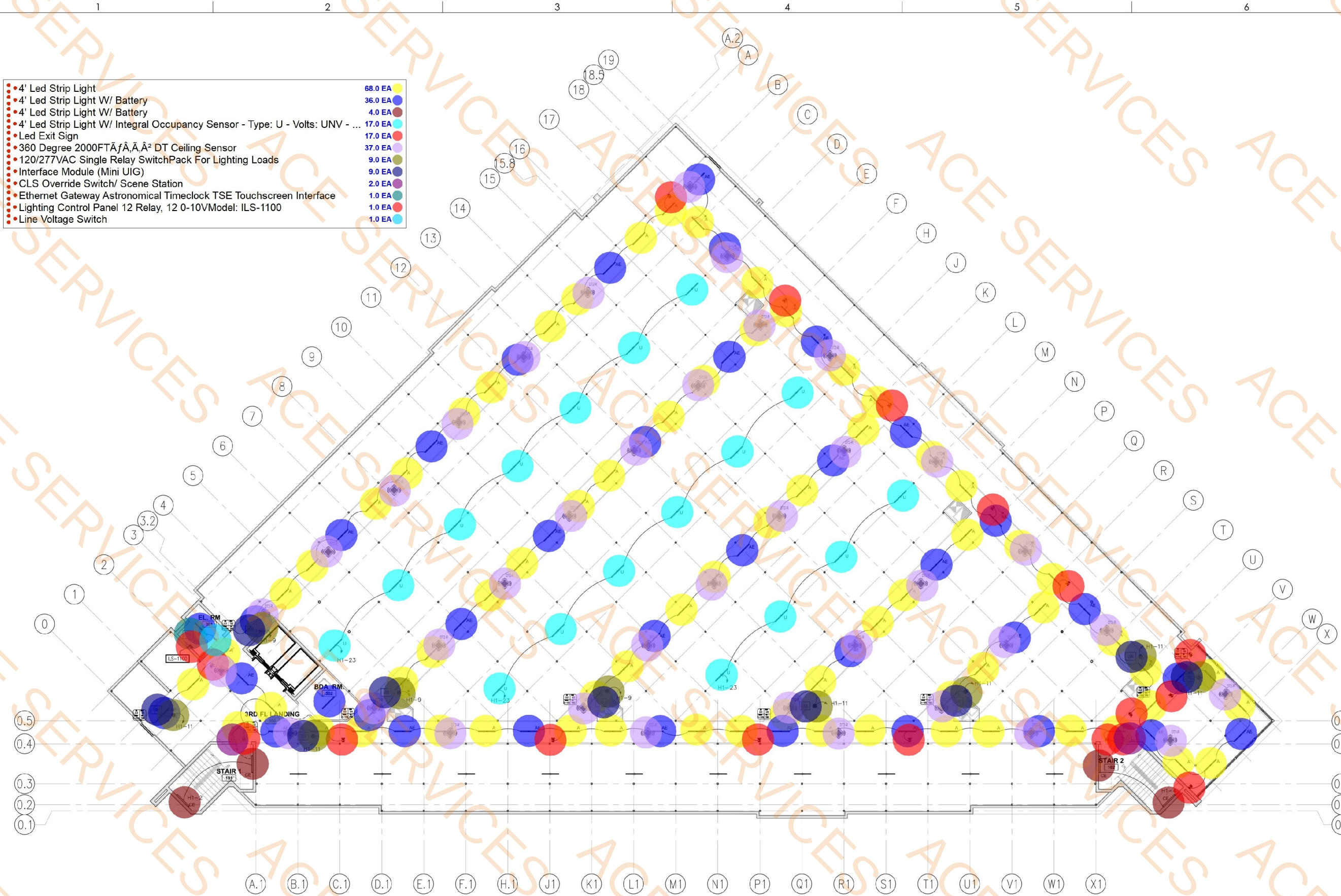
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DRAWING TITLE
2nd FLOOR LIGHTING
PLAN

DRAWING NUMBER
E-202

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1 3rd FLOOR LIGHTING PLAN
3/32" = 1'-0"



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PROJECT
**SMART STOP
SELF STORAGE**

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

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No.	Description	Date

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DATE

2024-12-01

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DRAWING TITLE
**3rd FLOOR LIGHTING
PLAN**

DRAWING NUMBER

E-203

SCHEDULE OF BRANCH CIRCUIT PANEL "AC3"

①①

MAIN: 400 AMP MAIN LUGS ONLY
SPEC: SQUARE D TYPE "NF" OR APPROVED EQUIVALENT
MOUNTING: SURFACE

VOLTAGE: 480/277V, 3Ø, 4 WIRE

AIC SYMM: 15,000

DESCRIPTION	WIRE	GND.	COND.	TRIP	OKT.	A PHASE KVA	B PHASE KVA	C PHASE KVA	OKT.	TRIP	COND.	GND.	WIRE	DESCRIPTION
RTU-1	#6	#10	1"	60	1	13.3 13.3			2	60	1"	#10	#6	RTU-4
					3		13.3 13.3		4					
					5			13.3 13.3	6					
RTU-2	#6	#10	1"	7	1	13.3 13.3			8	1"	#10	#6	#6	RTU-5
					9		13.3 13.3		10					
					11			13.3 13.3	12					
RTU-3	#6	#10	1"	13	1	13.3 13.3			14	1"	#10	#6	#6	RTU-6
					15		13.3 13.3		16					
					17			13.3 13.3	18					
SPACE	-	-	-	-	19	-	-	-	20	-	-	-	-	SPACE
SPACE	-	-	-	-	21	-	-	-	22	-	-	-	-	SPACE
SPACE	-	-	-	-	23	-	-	-	24	-	-	-	-	SPACE
SPACE	-	-	-	-	25	-	-	-	26	-	-	-	-	SPACE
SPACE	-	-	-	-	27	-	-	-	28	-	-	-	-	SPACE
SPACE	-	-	-	-	29	-	-	-	30	-	-	-	-	SPACE
SPACE	-	-	-	-	31	-	-	-	32	-	-	-	-	SPACE
SPACE	-	-	-	-	33	-	-	-	34	-	-	-	-	SPACE
SPACE	-	-	-	-	35	-	-	-	36	-	-	-	-	SPACE
SPACE	-	-	-	-	37	-	-	-	38	-	-	-	-	SPACE
SPACE	-	-	-	-	39	-	-	-	40	-	-	-	-	SPACE
SPACE	-	-	-	-	41	-	-	-	42	-	-	-	-	SPACE
						79.8	79.8	79.8	KVA PER PHASE					
						288.1	288.1	288.1	AMPS PER PHASE					
								230.4	TOTAL KVA					

REMARKS & KEY NOTES:

- ① ELECTRICAL CONTRACTOR SHALL PROVIDE AN ACCURATE PER FIELD CONDITIONS, TYPED UP PANEL SCHEDULE UPON COMPLETION OF THE PROJECT.
- ② VERIFY ELECTRICAL REQUIREMENTS OF ALL EQUIPMENT PRIOR TO CONSTRUCTION. ALL EQUIPMENT'S ELECTRICAL REQUIREMENTS SHALL BE CONFIRMED WITH MFG SPECS. VERIFY VOLTAGE, AMPERAGE, AND BREAKER SIZES.

Calculation of Fault Current
 Fault SCA Source = TA Primary Infinite
 SCA Available = Infinite
 Length Units = Feet
 Motor Load = None
 Motor SCA = None
 Motor SCA Treatment = Motor SCA Not Included
 System Voltage = 480
 System Phase = 3 Phase
 Transformers

Name	PH	Size	Pri.V	Sec.V	%Z	SCA,3PH
TA	FPL	3-PH 300	480	1.2	30.072	

Conductors

Name	Cond Cable	Size	Qty	Feet	SCA,3PH	
SIF	MAIN #1 OF 1 PVC, ABS	1/c, CU	350	2	20	28.702

Main-Feeders

Name	Cond Cable	Size	Qty	Feet	SCA,3PH	
F1	PANEL "H1"	EMT 1/c, CU	3/0	1	5	27.674

Source: EDR, Electrical Designer's Reference

-
- ELECTRICAL RISER DIAGRAM**
- 1st FLOOR**
- FEEDER SIZE KEY NOTES**
- 1 2 SETS OF 4-350CM THWN CU IN 3-1/2" C
 - 2 4#4/0 & 1#4 GND THWN CU IN 2-1/2" C.
 - 3 1#2/0 CU GND
 - 4 1#2 CU GROUNDING CONDUCTOR IN 3/4" SCHEDULE 40 PVC CONDUIT TO NEAREST EFFECTIVELY GROUNDING BUILDING STRUCTURAL STEEL MEMBER. BOND TO COLD WATER PIPE.
 - 5 4 #3 THWN CU IN 1-1/2" C
- SCHEDULE OF DRY-TYPE TRANSFORMERS**
- | MARK | KVA | VOLTAGE | | MOUNTING |
|------|-----|------------------|----------------------|----------|
| | | PRIMARY | SECONDARY | |
| TL1 | 75 | 480 VOLT
3#3W | 208/120 VOLT
3#4W | FLOOR |
- ELECTRICAL RISER DIAGRAM**
- NOT TO SCALE**

MAIN: 600 AMP / 3 POLE MAIN CIRCUIT BREAKER		VOLTAGE: 480/277V, 3ø, 4 WIRE						
SPEC: SQUARE I-LINE OR EQUAL		AIC 57,000						
DESIGNATION	DESCRIPTION	CIRCUIT BREAKER		FEEDER	A PHASE	B PHASE	C PHASE	NOTES
		FRAME	TRIP		KVA	KVA	KVA	
MDP-1	PANEL "1"	200	20	4#3/0 & 1#5 GND THWN CU IN 2-1/2"C	36.5	36.4	36.6	
MDP-2	PANEL "403"	400	4	4#60MCM & 1#3 GND THWN CU IN 4"C	79.8	79.8	79.8	
MDP-3	BREAKER PROVISION	---	---	---	---	---	---	
MDP-4	BREAKER PROVISION	---	---	---	---	---	---	
MDP-5	ELEVATOR #1	30	30	3#10 & 1#10 GND THWN CU IN 3/4"C	5.8	5.8	5.8	(1)
MDP-6	ELEVATOR #2	30	30	3#10 & 1#10 GND THWN CU IN 3/4"C	5.8	5.8	5.8	(1)
MDP-7	BREAKER PROVISION	---	---	---	---	---	---	
MDP-8	BREAKER PROVISION	---	---	---	---	---	---	
MDP-9	BREAKER PROVISION	---	---	---	---	---	---	
MDP-10	SPP	(3)	(3)	(3)	---	---	---	
					129.9	129.8	130.0	KVA PER PHASE
					468.9	468.6	469.4	AMPS PER PHASE
					389.7			TOTAL KVA

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engineers.com
Date: 2025.02.07
16:21:09 -05'00'

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SCHEDULE OF DRY-TYPE TRANSFORMERS				
MARK	KVA	VOLTAGE		MOUNTING
		PRIMARY	SECONDARY	
TL1	75	480 VOLT 3ø,3W	208/120 VOLT 3ø,4W	FLOOR

ELECTRICAL RISER DIAGRAM

NOT TO SCALE

[illegible]

PROJECT STATUS

CONSTRUCTION DOCUMENTS

DATE 0001-10-01

PROJECT NUMBER

18-2023

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DRAWN BY _____ **CHECKED BY** _____

OH BPH

DRAWING TITLE

RISER

AND

PANEL SCHEDULES

DRAWING NUMBER

E 301

E-301

MECHANICAL NEW WORK NOTES:

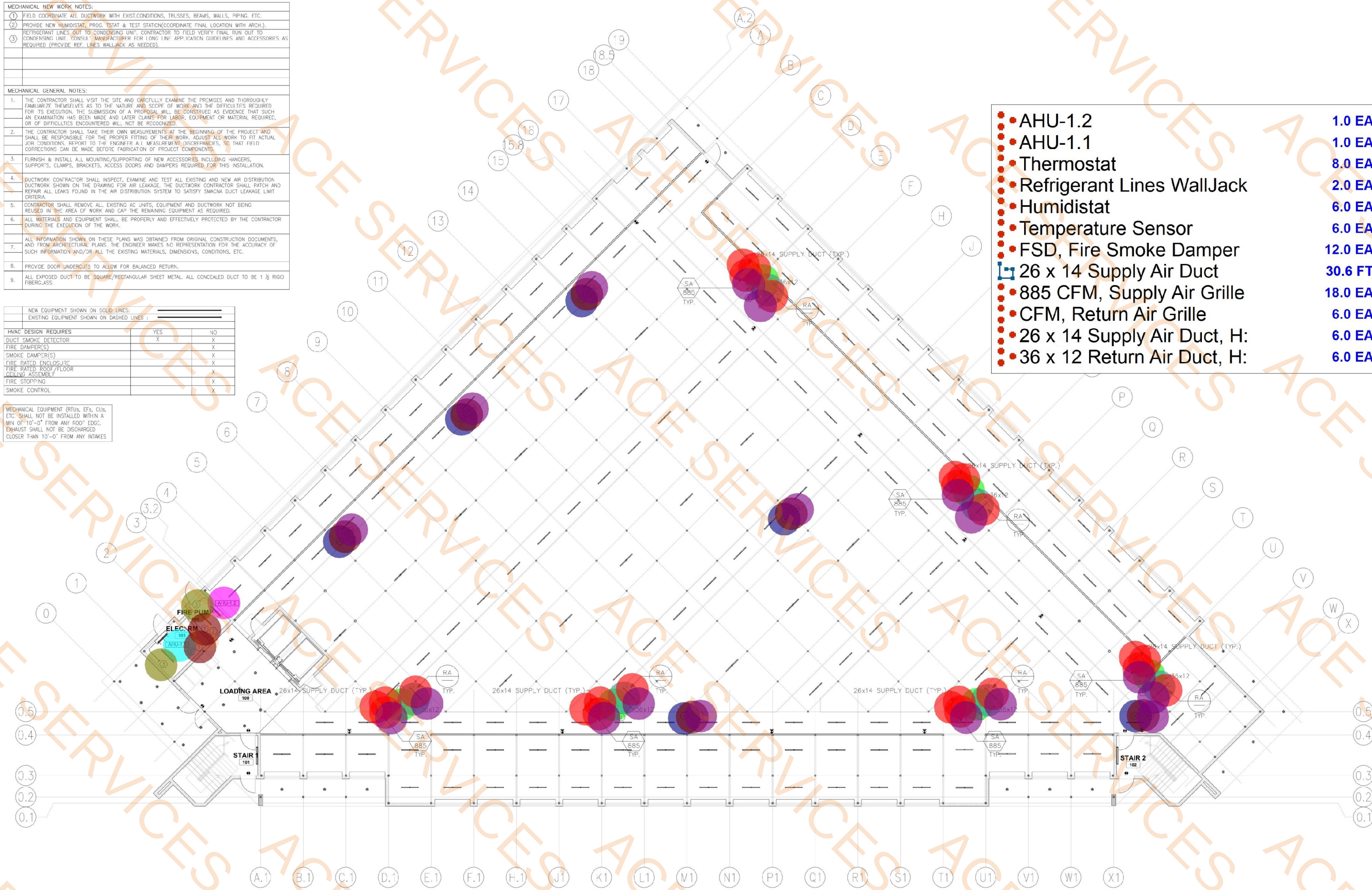
- FIELD COORDINATE ALL DUCTWORK WITH EXIST. CONDITIONS, TRUSSES, BEAMS, WALLS, PIPING, ETC.
- PROVIDE NEW HUMIDISTAT, PROG. TSTAT & TEST STATION (COORDINATE FINAL LOCATION WITH ARCH.).
- REFRIGERANT LINES OUT TO CONDENSING UNIT. CONTRACTOR TO FIELD VERIFY FINAL RUN OUT TO CONDENSING UNIT. CONSULT MANUFACTURER FOR LONG LINE APPLICATION GUIDELINES AND ACCESSORIES AS REQUIRED. (PROVIDE REF. LINES WALLJACK AS NEEDED).

MECHANICAL GENERAL NOTES:

- THE CONTRACTOR SHALL VISIT THE SITE AND CAREFULLY EXAMINE THE PREMISES AND THOROUGHLY FAMILIARIZE THEMSELVES AS TO THE NATURE AND SCOPE OF WORK AND THE DIFFICULTIES REQUIRED FOR ITS EXECUTION. THE SUBMISSION OF A PROPOSAL WILL BE CONSIDERED AS EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE AND LATER CLAIMS FOR LABOR, EQUIPMENT OR MATERIAL REQUIRED, OR OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED.
- THE CONTRACTOR SHALL TAKE THEIR OWN MEASUREMENTS AT THE BEGINNING OF THE PROJECT AND SHALL BE RESPONSIBLE FOR THE PROPER FITTING OF THEIR WORK. ADJUST ALL WORK TO FIT ACTUAL JOB CONDITIONS. REPORT TO THE ENGINEER ALL MEASUREMENT DISCREPANCIES, SO THAT FIELD CORRECTIONS CAN BE MADE BEFORE FABRICATION OF PROJECT COMPONENTS.
- FURNISH & INSTALL ALL MOUNTING/SUPPORTING OF NEW ACCESSORIES INCLUDING HANGERS, SUPPORTS, CLAMPS, BRACKETS, ACCESS DOORS AND DAMPERS REQUIRED FOR THIS INSTALLATION.
- DUCTWORK CONTRACTOR SHALL INSPECT, EXAMINE AND TEST ALL EXISTING AND NEW AIR DISTRIBUTION DUCTWORK SHOWN ON THE DRAWING FOR AIR LEAKAGE. THE DUCTWORK CONTRACTOR SHALL PATCH AND REPAIR ALL LEAKS FOUND IN THE AIR DISTRIBUTION SYSTEM TO SATISFY SMACNA DUCT LEAKAGE LIMIT CRITERIA.
- CONTRACTOR SHALL REMOVE ALL EXISTING AC UNITS, EQUIPMENT AND DUCTWORK NOT BEING REUSED IN THE AREA OF WORK AND CAP THE REMAINING EQUIPMENT AS REQUIRED.
- ALL MATERIALS AND EQUIPMENT SHALL BE PROPERLY AND EFFECTIVELY PROTECTED BY THE CONTRACTOR DURING THE EXECUTION OF THE WORK.
- ALL INFORMATION SHOWN ON THESE PLANS WAS OBTAINED FROM ORIGINAL CONSTRUCTION DOCUMENTS, AND FROM ARCHITECTURAL PLANS. THE ENGINEER MAKES NO REPRESENTATION FOR THE ACCURACY OF SUCH INFORMATION AND/OR ALL THE EXISTING MATERIALS, DIMENSIONS, CONDITIONS, ETC.
- PROVIDE DOOR UNDERCUTS TO ALLOW FOR BALANCED RETURN.
- ALL EXPOSED DUCT TO BE SQUARE/RECTANGULAR SHEET METAL. ALL CONCEALED DUCT TO BE 1 1/2" RIGID FIBERGLASS.

NEW EQUIPMENT SHOWN ON SOLID LINES:		
EXISTING EQUIPMENT SHOWN ON DASHED LINES:		
HVAC DESIGN REQUIRES	YES	NO
DUCT SMOKE DETECTOR	X	X
FIRE DAMPER(S)		X
SMOKE DAMPER(S)		X
FIRE RATED ENCLOSURE		X
FIRE RATED ROOF/FLOOR CEILING ASSEMBLY		X
FIRE STOPPING		X
SMOKE CONTROL		X

MECHANICAL EQUIPMENT (RTUS, EFS, CUS, ETC.) SHALL NOT BE INSTALLED WITHIN A MIN OF 10'-0" FROM ANY ROOF EDGE. EXHAUST SHALL NOT BE DISCHARGED CLOSER THAN 10'-0" FROM ANY INTAKES.



1 1st FLOOR MECHANICAL PLAN
3/32" = 1'-0"



Digitally signed by Juan Bedoya
DN: c=US, st=Florida, o=Boca Raton,
serialNumber=AATL2023052629978
s=B&K ENGINEERING GROUP, LLC,
email=jbedoya@bk-engineers.com
Date: 2025.02.07 16:58:29 -05'00'

PROJECT
**SMART STOP
SELF STORAGE**

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

OWNER

REVISIONS		
No.	Description	Date

PROJECT STATUS
CONSTRUCTION DOCUMENTS
DATE
2024-12-01
PROJECT NUMBER
18-2023
SCALE
AS SHOWN

DRAWN BY
CH
CHECKED BY
BPH

DRAWING TITLE
**1st FLOOR MECHANICAL
PLAN**

DRAWING NUMBER
M-101

MECHANICAL NEW WORK NOTES:

- FIELD COORDINATE ALL DUCTWORK WITH EXIST. CONDITIONS, TRUSSES, BEAMS, WALLS, PIPING, ETC.
- PROVIDE NEW PROGRAMMABLE THERMOSTAT (COORDINATE FINAL LOCATION WITH ARCH.).
- REFRIGERANT LINES OUT TO CONDENSING UNIT; CONTRACTOR TO FIELD VERIFY FINAL RUN OUT TO CONDENSING UNIT. CONSULT MANUFACTURER FOR LONG LINE APPLICATION GUIDELINES AND ACCESSORIES AS REQUIRED (PROVIDE REF. LINES WALLJACK AS NEEDED).

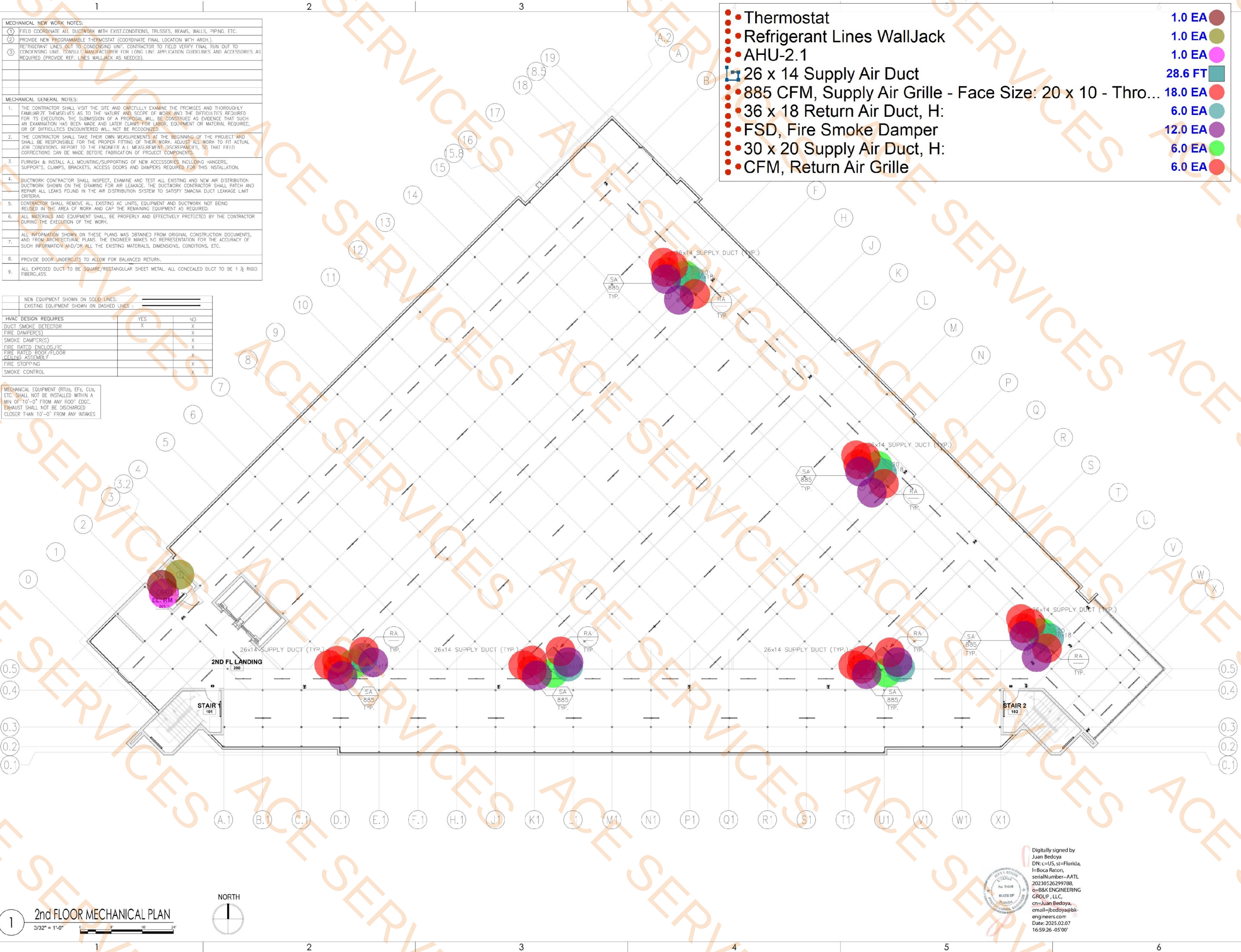
MECHANICAL GENERAL NOTES:

- THE CONTRACTOR SHALL VISIT THE SITE AND CAREFULLY EXAMINE THE PREMISES AND THOROUGHLY FAMILIARIZE THEMSELVES AS TO THE NATURE AND SCOPE OF WORK AND THE DIFFICULTIES REQUIRED FOR ITS EXECUTION. THE SUBMISSION OF A PROPOSAL WILL BE CONSIDERED AS EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE AND LATER CLAIMS FOR LABOR, EQUIPMENT OR MATERIAL REQUIRED, OR OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED.
- THE CONTRACTOR SHALL TAKE THEIR OWN MEASUREMENTS AT THE BEGINNING OF THE PROJECT AND SHALL BE RESPONSIBLE FOR THE PROPER FITTING OF THEIR WORK. ADJUST ALL WORK TO FIT ACTUAL JOB CONDITIONS. REPORT TO THE ENGINEER ALL MEASUREMENT DISCREPANCIES, SO THAT FIELD CORRECTIONS CAN BE MADE BEFORE FABRICATION OF PROJECT COMPONENTS.
- FURNISH & INSTALL ALL MOUNTING/SUPPORTING OF NEW ACCESSORIES INCLUDING HANGERS, SUPPORTS, CLAMPS, BRACKETS, ACCESS DOORS AND DAMPERS REQUIRED FOR THIS INSTALLATION.
- DUCTWORK CONTRACTOR SHALL INSPECT, EXAMINE AND TEST ALL EXISTING AND NEW AIR DISTRIBUTION DUCTWORK SHOWN ON THE DRAWING FOR AIR LEAKAGE. THE DUCTWORK CONTRACTOR SHALL PATCH AND REPAIR ALL LEAKS FOUND IN THE AIR DISTRIBUTION SYSTEM TO SATISFY SMACNA DUCT LEAKAGE LIMIT CRITERIA.
- CONTRACTOR SHALL REMOVE ALL EXISTING AC UNITS, EQUIPMENT AND DUCTWORK NOT BEING REUSED IN THE AREA OF WORK AND CAP THE REMAINING EQUIPMENT AS REQUIRED.
- ALL MATERIALS AND EQUIPMENT SHALL BE PROPERLY AND EFFECTIVELY PROTECTED BY THE CONTRACTOR DURING THE EXECUTION OF THE WORK.
- ALL INFORMATION SHOWN ON THESE PLANS WAS OBTAINED FROM ORIGINAL CONSTRUCTION DOCUMENTS, AND FROM ARCHITECTURAL PLANS. THE ENGINEER MAKES NO REPRESENTATION FOR THE ACCURACY OF SUCH INFORMATION AND/OR ALL THE EXISTING MATERIALS, DIMENSIONS, CONDITIONS, ETC.
- PROVIDE DOOR UNDERCUTS TO ALLOW FOR BALANCED RETURN.
- ALL EXPOSED DUCT TO BE SQUARE/RECTANGULAR SHEET METAL. ALL CONCEALED DUCT TO BE 1 1/2" RIGID FIBERGLASS.

NEW EQUIPMENT SHOWN ON SOLID LINES:		
EXISTING EQUIPMENT SHOWN ON DASHED LINES:		
HVAC DESIGN REQUIRES	YES	NO
DUCT SMOKE DETECTOR	X	X
FIRE DAMPER(S)		X
SMOKE DAMPER(S)		X
FIRE RATED ENCLOSURE		X
FIRE RATED ROOF/FLOOR		X
CEILING ASSEMBLY		X
FIRE STOPPING		X
SMOKE CONTROL		X

MECHANICAL EQUIPMENT (RTUs, EFS, CUS, ETC.) SHALL NOT BE INSTALLED WITHIN A MIN. OF 10'-0" FROM ANY ROOF EDGE. EXHAUST SHALL NOT BE DISCHARGED CLOSER THAN 10'-0" FROM ANY INTAKES.

- Thermostat
 - Refrigerant Lines WallJack
 - AHU-2.1
 - 26 x 14 Supply Air Duct
 - 885 CFM, Supply Air Grille - Face Size: 20 x 10 - Thro...
 - 36 x 18 Return Air Duct, H:
 - FSD, Fire Smoke Damper
 - 30 x 20 Supply Air Duct, H:
 - CFM, Return Air Grille
- | | |
|---------|--|
| 1.0 EA | |
| 1.0 EA | |
| 1.0 EA | |
| 28.6 FT | |
| 18.0 EA | |
| 6.0 EA | |
| 12.0 EA | |
| 6.0 EA | |
| 6.0 EA | |



PROJECT
**SMART STOP
SELF STORAGE**

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

OWNER

REVISIONS		
No.	Description	Date

PROJECT STATUS
CONSTRUCTION DOCUMENTS
DATE
2024-12-01
PROJECT NUMBER
18-2023
SCALE
AS SHOWN

BY
CH
CHECKED BY
BPH

DRAWING TITLE
**2nd FLOOR MECHANICAL
PLAN**

DRAWING NUMBER
M-102

Digitally signed by
Juan Bedoya
DN: c=US, st=Florida,
I=Boca Raton,
serialNumber=AATL
20230526299788,
o=B&K ENGINEERING
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ou=Juan Bedoya,
email=jbedoya@bk-
engineers.com
Date: 2025.02.07
16:59:26 -05'00'

MECHANICAL NEW WORK NOTES:

- FIELD COORDINATE ALL DUCTWORK WITH EXIST. CONDITIONS, TRUSSES, BEAMS, WALLS, PIPING, ETC.
- PROVIDE NEW PROGRAMMABLE THERMOSTAT (COORDINATE FINAL LOCATION WITH ARCH.).
- REFRIGERANT LINES OUT TO CONDENSING UNIT; CONTRACTOR TO FIELD VERIFY FINAL RUN OUT TO CONDENSING UNIT. CONSULT MANUFACTURER FOR LONG LINE APPLICATION GUIDELINES AND ACCESSORIES AS REQUIRED. (PROVIDE REF. LINE'S WALLJACK AS NEEDED).

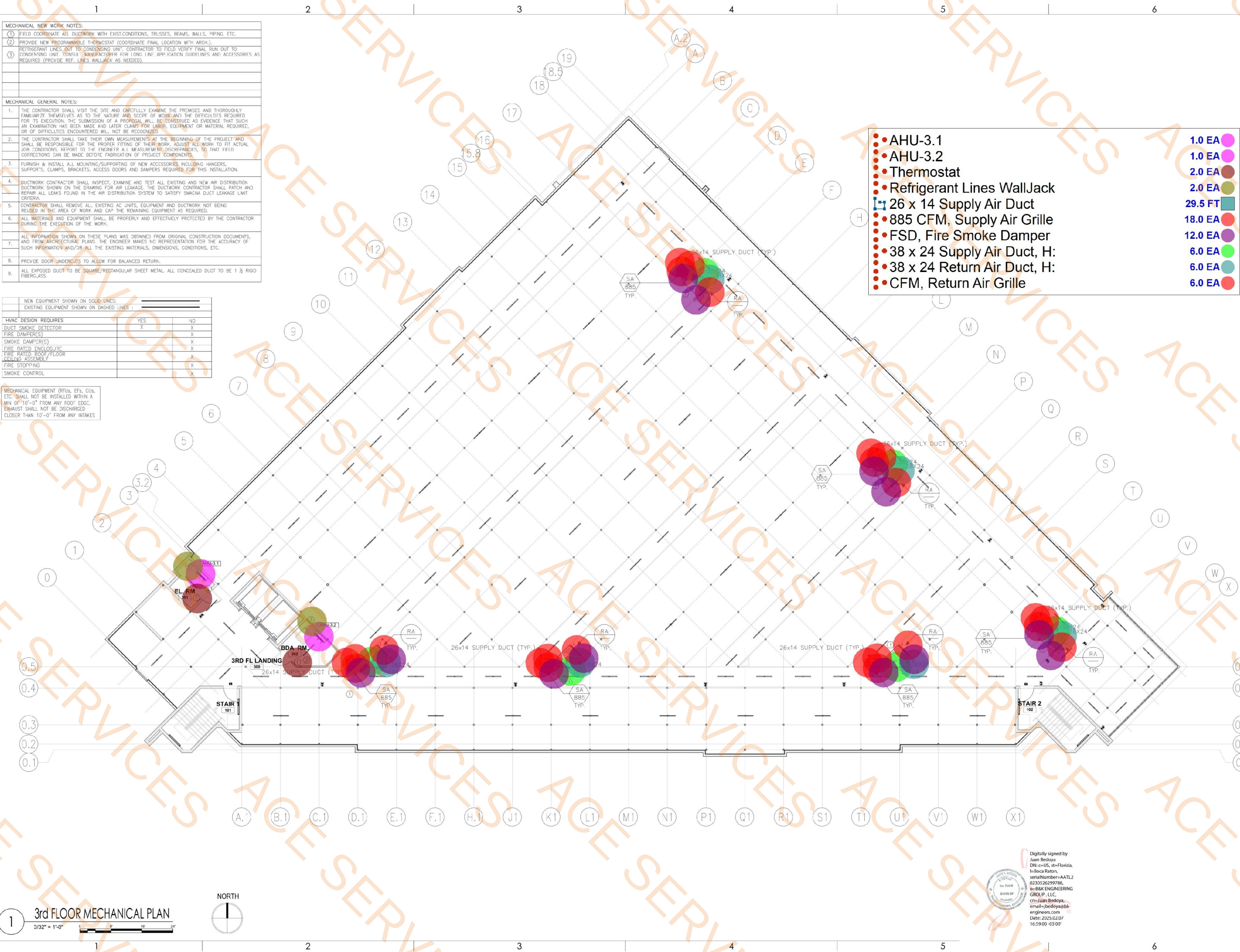
MECHANICAL GENERAL NOTES:

- THE CONTRACTOR SHALL VISIT THE SITE AND CAREFULLY EXAMINE THE PREMISES AND THOROUGHLY FAMILIARIZE THEMSELVES AS TO THE NATURE AND SCOPE OF WORK AND THE DIFFICULTIES REQUIRED FOR ITS EXECUTION. THE SUBMISSION OF A PROPOSAL WILL BE CONSIDERED AS EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE AND LATER CLAIMS FOR LABOR, EQUIPMENT OR MATERIAL REQUIRED, OR OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED.
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- CONTRACTOR SHALL REMOVE ALL EXISTING AC UNITS, EQUIPMENT AND DUCTWORK NOT BEING REUSED IN THE AREA OF WORK AND CAP THE REMAINING EQUIPMENT AS REQUIRED.
- ALL MATERIALS AND EQUIPMENT SHALL BE PROPERLY AND EFFECTIVELY PROTECTED BY THE CONTRACTOR DURING THE EXECUTION OF THE WORK.
- ALL INFORMATION SHOWN ON THESE PLANS WAS OBTAINED FROM ORIGINAL CONSTRUCTION DOCUMENTS, AND FROM ARCHITECTURAL PLANS. THE ENGINEER MAKES NO REPRESENTATION FOR THE ACCURACY OF SUCH INFORMATION AND/OR ALL THE EXISTING MATERIALS, DIMENSIONS, CONDITIONS, ETC.
- PROVIDE DOOR UNDERCUTS TO ALLOW FOR BALANCED RETURN.
- ALL EXPOSED DUCT TO BE SQUARE/RECTANGULAR SHEET METAL. ALL CONCEALED DUCT TO BE 1 1/2" RIGID FIBERGLASS.

NEW EQUIPMENT SHOWN ON SOLID LINES:		
EXISTING EQUIPMENT SHOWN ON DASHED LINES:		
HVAC DESIGN REQUIRES		
DUCT SMOKE DETECTOR	YES	NO
FIRE DAMPER(S)	X	X
SMOKE DAMPER(S)		X
FIRE RATED ENCLOSURE		X
FIRE RATED ROOF/FLOOR		X
CEILING ASSEMBLY		X
FIRE STOPPING		X
SMOKE CONTROL		X

MECHANICAL EQUIPMENT (RTUS, EFS, CUS, ETC.) SHALL NOT BE INSTALLED WITHIN A MIN OF 10'-0" FROM ANY ROOF EDGE. EXHAUST SHALL NOT BE DISCHARGED CLOSER THAN 10'-0" FROM ANY INTAKES.

- AHU-3.1
 - AHU-3.2
 - Thermostat
 - Refrigerant Lines WallJack
 - 26 x 14 Supply Air Duct
 - 885 CFM, Supply Air Grille
 - FSD, Fire Smoke Damper
 - 38 x 24 Supply Air Duct, H:
 - 38 x 24 Return Air Duct, H:
 - CFM, Return Air Grille
- | | |
|---------|--|
| 1.0 EA | |
| 1.0 EA | |
| 2.0 EA | |
| 2.0 EA | |
| 29.5 FT | |
| 18.0 EA | |
| 12.0 EA | |
| 6.0 EA | |
| 6.0 EA | |
| 6.0 EA | |



PROJECT
**SMART STOP
SELF STORAGE**

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

OWNER

REVISIONS		
No.	Description	Date

PROJECT STATUS
CONSTRUCTION DOCUMENTS
DATE
2024-12-01
PROJECT NUMBER
18-2023
SCALE
AS SHOWN

A
DRAWN BY
CH
CHECKED BY
BPH

DRAWING TITLE
**3rd FLOOR MECHANICAL
PLAN**

DRAWING NUMBER
M-103

Digitally signed by
Juan Bedoya
DN: c=US, st=Florida,
In: Boca Raton,
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o=B&B ENGINEERING
GROUP, LLC,
cn=Juan Bedoya,
email=jbedoya@bbk-
engineers.com
Date: 2025.02.07
16:59:00 -05'00'

MECHANICAL NEW WORK NOTES:

① CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ROOFTOP UNIT WITH BUILDING JOISTS & STRUCTURAL DRAWINGS.

MECHANICAL GENERAL NOTES:

1. THE CONTRACTOR SHALL VISIT THE SITE AND CAREFULLY EXAMINE THE PREMISES AND THOROUGHLY FAMILIARIZE THEMSELVES AS TO THE NATURE AND SCOPE OF WORK AND THE DIFFICULTIES REQUIRED FOR ITS EXECUTION. THE SUBMISSION OF A PROPOSAL WILL BE CONSIDERED AS EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE AND LATER CLAIMS FOR LABOR, EQUIPMENT OR MATERIAL REQUIRED, OR OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED.

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3. FURNISH & INSTALL ALL MOUNTING/SUPPORTING OF NEW ACCESSORIES INCLUDING HANGERS, SUPPORTS, CLAMPS, BRACKETS, ACCESS DOORS AND DAMPERS REQUIRED FOR THIS INSTALLATION.

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5. CONTRACTOR SHALL REMOVE ALL EXISTING AC UNITS, EQUIPMENT AND DUCTWORK NOT BEING REUSED IN THE AREA OF WORK AND CAP THE REMAINING EQUIPMENT AS REQUIRED.

6. ALL MATERIALS AND EQUIPMENT SHALL BE PROPERLY AND EFFECTIVELY PROTECTED BY THE CONTRACTOR DURING THE EXECUTION OF THE WORK.

7. ALL INFORMATION SHOWN ON THESE PLANS WAS OBTAINED FROM ORIGINAL CONSTRUCTION DOCUMENTS, AND FROM ARCHITECTURAL PLANS. THE ENGINEER MAKES NO REPRESENTATION FOR THE ACCURACY OF SUCH INFORMATION AND/OR ALL THE EXISTING MATERIALS, DIMENSIONS, CONDITIONS, ETC.

8. PROVIDE DOOR UNDERCUTS TO ALLOW FOR BALANCED RETURN.

9. ALL EXPOSED DUCT TO BE SQUARE/RECTANGULAR SHEET METAL. ALL CONCEALED DUCT TO BE 1 1/2" RIGID FIBERGLASS.

NEW EQUIPMENT SHOWN ON SOLID LINES:		
EXISTING EQUIPMENT SHOWN ON DASHED LINES:		
HVAC DESIGN REQUIRES	YES	NO
DUCT SMOKE DETECTOR	X	X
FIRE DAMPER(S)		X
SMOKE DAMPER(S)		X
FIRE RATED ENCLOSURE		X
FIRE RATED ROOF/FLOOR CEILING ASSEMBLY		X
FIRE STOPPING		X
SMOKE CONTROL		X

MECHANICAL EQUIPMENT (RTUs, EFs, CUs, ETC.) SHALL NOT BE INSTALLED WITHIN A MIN OF 10'-0" FROM ANY ROOF EDGE. EXHAUST SHALL NOT BE DISCHARGED CLOSER THAN 10'-0" FROM ANY INTAKES.



- RTU-1, Roof Top Unit
 - RTU-2, Roof Top Unit - O/A Supply CFM: 1200
 - RTU-3, Roof Top Unit
 - RTU-4, Roof Top Unit
 - RTU-5, Roof Top Unit
 - RTU-6, Roof Top Unit - O/A Supply CFM: 1200
 - CU-1.1
 - CU-1.2
 - CU-2.1
 - CU-3.1
 - CU-3.2
- 1.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA

PROJECT

SMART STOP
c SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

OWNER

REVISIONS		
No.	Description	Date

PROJECT STATUS

CONSTRUCTION DOCUMENTS

DATE: 2024-12-01

PROJECT NUMBER: 18-2023

SCALE: AS SHOWN

BY CH **CHECKED BY** BPH

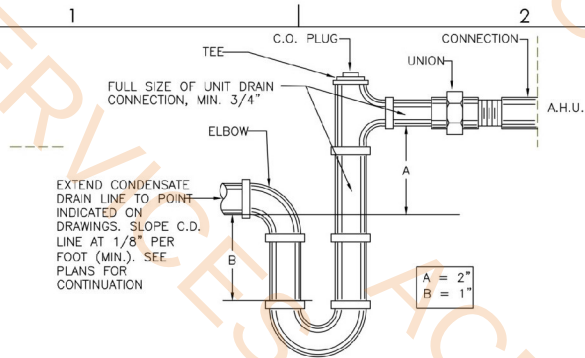
DRAWING TITLE

ROOF MECHANICAL PLAN

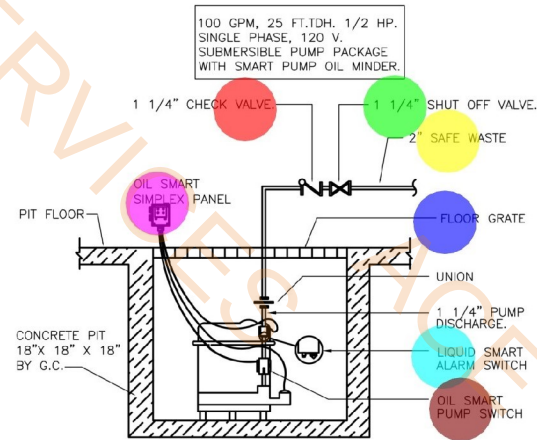
DRAWING NUMBER

M-104

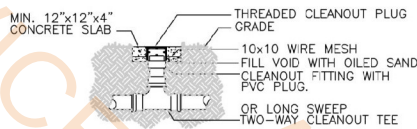
Digitally signed by
Juan Bedoya
DN: c=US, st=Florida,
In-Box: Raton,
serialNumber=AATL2
0230526299788,
o=B&K ENGINEERING
GROUP, LLC,
cn=Juan Bedoya,
email=jbedoya@bk-
engineers.com
Date: 2025.02.07
17:00:42 -05'00'



CONDENSATE TRAP
SCALE: N.T.S.



ELEVATOR SUMP PUMP
SCALE: N.T.S.



CLEAN-OUT TO GRADE (CTG)
SCALE: N.T.S.

- 1-1/4" Check Valve
- 1-1/4" Shut Off Valve
- 2" Safe Waste
- 18" x 18" Floor Grate
- Oil Smart Simplex Panel
- Liquid Smart Alarm Switch
- Oil Smart Pump Switch

- 1.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA
- 1.0 EA

PLUMBING SPECIFICATIONS

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2023, 8TH EDITION OF THE PLUMBING SECTION AND TO COMPLY WITH ALL LOCAL RULES AND ORDINANCES.
1. ALL WORKMANSHIP & MATERIALS TO BE IN STRICT ACCORDANCE WITH APPLICABLE NATIONAL, STATE, LOCAL CODES, RULES & ORDINANCES.
2. CONTRACTOR SHALL VISIT THE JOB SITE & THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING CONDITIONS.
3. ALL MATERIALS TO BE NEW AND OF GOOD QUALITY.
4. ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST-CLASS WORKMANLIKE MANNER. THE COMPLETE SYSTEM SHALL BE FULLY OPERATIONAL TO SATISFY THE PROJECT REQUIREMENTS.
5. ALL EXCAVATION & BACK FILL AS REQUIRED FOR THIS PROJECT SHALL BE A PART OF THIS CONTRACT.
6. REQUIRED INSURANCE SHALL BE PROVIDED BY THIS CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY & PROPERTY DAMAGE FOR THE DURATION OF WORK AND PER CONSTRUCTION AGREEMENT.
7. CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTIONS & TESTS. SUBSTITUTIONS BY THE CONTRACTOR SHALL HAVE ACCEPTANCE PRIOR TO WORK OR PROCUREMENT OF EQUIPMENT. ANY CHANGES MADE WITHOUT ACCEPTANCE WILL BE PAID BY THE CONTRACTOR TO RETURN TO THE ORIGINAL DESIGN.
8. EXISTING PIPE SIZES TO BE VERIFIED BY THE PLUMBER AND UPGRADED IF NOT LARGE ENOUGH TO ACCOMMODATE LOAD.
9. ALL WORK TO BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROCESS OF CONSTRUCTION.
10. THE CONTRACTORS AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR REVIEW OF THE GENERAL NOTES, SPECIFICATIONS, AND ALL OTHER DRAWINGS FOR ADDITIONAL REQUIREMENTS WHICH MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS.
11. DRAWINGS FOR PLUMBING WORK ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE, LAYOUT, AND EQUIPMENT REQUIRED. THE DRAWINGS SHALL NOT BE SCALED FOR EXACT MEASUREMENT. FIELD VERIFY FINAL LOCATIONS FOR EQUIPMENT. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR DIMENSIONS AND EXACT LOCATION OF PLUMBING FIXTURES. REFER TO MANUFACTURER'S INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND INSTALLATION REQUIREMENTS.
12. DRAWINGS AND SPECIFICATIONS GOVERN WHERE THEY EXCEED CODE REQUIREMENTS.
13. VERIFY LOCATION, SIZE, TRAPS, INVERTS, KNOWN DIRECTIONS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. ADVISE ARCHITECT/ENGINEER OF ANY DISCREPANCIES. ANY COST RESULTING FROM DISCREPANCIES THAT WERE DISCOVERABLE PRIOR TO BID OR CONSTRUCTION, SHALL BE PAID BY THE CONTRACTOR.
14. INSTALL SIOUX CHIEF 650 SERIES WATER HAMMER ARRESTORS IN PIPING TO QUICK-CLOSING VALVES AS DEFINED IN FLORIDA PLUMBING CODE.
15. PROVIDE SHUT-OFF VALVES IN THE SUPPLY PIPING TO EVERY FIXTURE.
16. ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE STOPS AND ACCESS PANELS MARK LEGIBLY.
17. CAP ALL PIPING OPENINGS DURING CONSTRUCTION UNTIL FINAL CONNECTIONS TO EQUIPMENT AND ACCESSORIES ARE MADE.
18. SANITARY PIPE 2" AND SMALLER SHALL BE SLOPED AT 1/4" PER FOOT. SANITARY PIPE 3" AND LARGER SHALL BE SLOPED AT 1/8" PER FOOT. CONDENSATE PIPING SHALL BE SLOPED AT A MINIMUM OF 1/4" PER FOOT.
19. WHERE SOIL CONDITIONS REQUIRE THE USE OF PIER OR PILING SUPPORTED GRADE BEAM CONSTRUCTION OR IN FILLED GROUND WHERE THE SOIL COMPACTION IS LESS THAN 95% THE SANITARY PIPING TO BE INSTALLED BY TRENCHING INTO THE FILL, AND THEN PUTTING HANGERS WITH SUPPORT RODS ON THE PIPES AS THEY ARE INSTALLED. THE HANGER RODS EXTENDING UPWARD TO BE EMBEDDED IN AND ANCHORED IN THE CONCRETE PER ASTM F2336-06B AND UNDERGROUND PIPE TO CONFORM TO ASTM STANDARD D2565.
20. DO NOT ROUTE ANY WET PIPING OVER ELECTRICAL EQUIPMENT OR THROUGH ELECTRICAL ROOMS, TELECOM ROOMS, OR ELEVATOR ROOMS.
21. WATER PIPING TO BE TYPE "L" COPPER ABOVE OR CPVC IF CEILING IS NOT A PLENUM OR AIR HANDLING SPACE AND TYPE "K" COPPER BELOW GRADE.
22. SD, WASTE AND STORM PIPING TO BE VERTICAL CAST IRON AND HORIZONTAL PVC.
23. SD, WASTE, VENT AND STORM PLASTIC PIPING SHALL BE PVC SCHEDULE #40 DWV CONFORMING TO ASTM D2665 FOR UNDERGROUND AND AS PER FLORIDA BUILDING CODE PLUMBING 2023 TABLE 702.2 & 702.3. WHERE CODE ALLOWS CAST IRON SHALL BE USED IN COMMON PLENUM AREAS OR FIRE RATED ASSEMBLIES/SHAFTS REQUIRED BY CODE OR LOCAL AUTHORITY. ALL PVC SHALL BE SOLID CORE ONLY. FOAM CORE IS EXCLUDED.
24. HOT WATER, TEMPERED WATER AND HOT WATER RETURN PIPES TO BE INSULATED WITH ARMAFLEX INSULATION FROM THE WATER HEATER TO THE FURTHEST FIXTURE PER 2023 FBC PLUMBING 607.2.1.
25. THE DISCHARGE WATER TEMPERATURE DISCHARGED FROM LAVATORIES, BIDETS & GROUP WASH FIXTURES LOCATED IN PUBLIC TOILET FACILITIES PROVIDED FOR CUSTOMERS, PATRONS AND VISITORS SHALL BE LIMITED TO A MAXIMUM TEMPERATURE OF 110°F (43°C) BY A WATER TEMPERATURE LIMITING DEVICE CONFORMING TO ASSE 1070 OR CSA B125.3.
26. THE DISCHARGE WATER TEMPERATURE FROM SHOWERS AND COMBINATION TUB/SHOWER VALVES SHALL BE LIMITED TO A MAXIMUM TEMPERATURE OF 120°F (49°C) BY A BALANCED-PRESSURE, THERMOSTATIC OR COMBINATION BALANCED-PRESSURE/THERMOSTATIC ANTI-SCALD VALVE CONFORMING TO ASSE 1016.
27. THE DISCHARGE WATER TEMPERATURE FROM BATHTUBS AND WHIRLPOOL BATHTUBS VALVES SHALL BE LIMITED TO A MAXIMUM TEMPERATURE OF 120°F (49°C) BY A WATER TEMPERATURE LIMITING DEVICE CONFORMING TO ASSE 1070 (EXCEPT WHERE SUCH PROTECTION IS OTHERWISE PROVIDED BY A COMBINATION TUB/SHOWER VALVE).
28. WHERE DISSIMILAR METALS ARE TO BE JOINED, APPROVED INSULATING DOMESTIC COUPLINGS, FLANGES, UNIONS, SHALL BE USED.
29. ALL PLUMBING PIPES PENETRATING FIRE RATED WALLS, CEILINGS AND/OR FLOORS SHALL BE PROVIDED WITH U.L. APPROVED FIRE RATED ASSEMBLY. (EQUAL TO WALL FIRE RATING - SEE ARCHITECTURAL DRAWINGS).
30. HOT WATER EXPANSION LOOPS SHALL BE INSTALLED AS REQUIRED TO PARTLY ABSORB TENSION OR COMPRESSION PRODUCED DURING ANTICIPATED CHANGE IN TEMPERATURE. INSTALL EXPANSION JOINTS OF SIZES OF PIPING IN WHICH THEY ARE INSTALLED. INSTALL ALIGNMENT GUIDES TO GUIDE EXPANSION AND TO AVOID LOADING STRESS.
31. NO PVC PIPING TO BE USED IN COMMON PLENUM AREAS.
32. WHERE CEILING SPACE IS A COMMON PLENUM NO COMBUSTIBLE MATERIALS ALLOWED.
33. CONDENSATE LINES TO BE COPPER/PVC DEPENDING ON PROJECT REQUIREMENTS. INSULATE WITH ARMAFLEX INSULATION.
34. CONTRACTOR SHALL GUARANTEE ALL MATERIALS & WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF ACCEPTANCE. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED THEREBY.
35. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO BID AND INSTALLATION. INFORM THE ARCHITECT/ENGINEER OF RECORD OF ANY DISCREPANCY BETWEEN THE DOCUMENTS AND THESE CONDITIONS AND HE SHALL INCLUDE IN HIS BID TO CORRECT THE SAME AS DIRECTED. THE ENGINEER AND THE ARCHITECT ARE NOT RESPONSIBLE FOR ANY ADDITIONAL COSTS RESULTING FROM VERIFIABLE EXISTING CONDITIONS DISCOVERED AFTER THE CONTRACT HAS BEEN AWARDED.
36. CONTRACTOR SHALL KEEP AS-BUILTS AND SUBMIT TO THE ENGINEER OF RECORD FOR REVIEW. ALL CHANGES SHALL BE FORWARDED A MINIMUM OF (2) WEEKS PRIOR TO FINAL INSPECTION. ANY PROFESSIONAL SERVICES FEES, SUCH AS REVISIONS OR AS-BUILTS, NECESSARY FOR FINAL C.O. SHALL BE COMPENSABLE TO THE CONSULTANT.

SCCR NOTE

CONTRACTOR AND MANUFACTURER SHALL PROVIDE ALL ELECTRICAL SYSTEMS FOR ALL EQUIPMENT, INCLUDING MECHANICAL AND PLUMBING EQUIPMENT WITH INTEGRAL DISCONNECTS, INTEGRAL BREAKERS, INTEGRAL MOTOR STARTERS, VFDs, CHILLER PANELS, PACKAGED UNIT PANELS, ETC., SHALL BE RATED WITH A SHORT CIRCUIT CURRENT RATING AT LEAST EQUAL TO THE IMMEDIATE UPSTREAM ELECTRIC OVERCURRENT PROTECTIVE DEVICE SHORT CIRCUIT RATING.

FLOOD ELEVATION

ALL CONSTRUCTION BELOW FLOOD ELEVATION SHALL BE FLOOD RESISTANT IN ACCORDANCE WITH FEMA TECHNICAL BULLETIN 2-2008 (I.E. WALLS, FINISHES, DOORS, FRAMES, BASE BOARD FOR GARAGE, STORAGE AREAS). ALL UTILITIES AND EQUIPMENTS AND ACCESSORIES (ELECTRICAL, MECHANICAL AND PLUMBING) SERVING THE BUILDING SHALL BE INSTALLED ABOVE THE BFE. (ASCE 24-05 CH. 7.0).

FIRE-SAFETY FLORIDA STATUTES

TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH F.B.C. 2023 SECTION 110.8.4.4 AND CHAPTER 633, FLORIDA STATUTES.

CONTRACTOR GENERAL CONDITIONS NOTES

- RFP'S: CONTRACTOR SHALL SUBMIT RFP'S WITH HIS PROPOSED SOLUTION IN A TIMELY MANNER. CONTRACTOR RECOGNIZES THE CONSULTANT SHALL REQUIRE UP TO 5 WORKING DAYS TO RESPOND.
- SUBMITTALS AND PRODUCT DATA: CONTRACTOR SHALL PREPARE A SUBMITTAL SCHEDULE FOR APPROVAL BY THE A/E. CONTRACTOR RECOGNIZES THE CONSULTANT SHALL REQUIRE UP TO 10 WORKING DAYS TO REVIEW SUBMISSIONS. ALL SUBMITTALS, PRODUCT DATA, SHALL BE CLEARLY STAMPED AND INDICATED APPROVED BY THE CONTRACTOR PRIOR TO SUBMISSION TO THE CONSULTANT.
- SHOP DRAWINGS: CONTRACTOR SHALL PREPARE A SHOP DRAWING SCHEDULE FOR APPROVAL BY THE A/E. CONTRACTOR RECOGNIZES THE CONSULTANT SHALL REQUIRE UP TO 10 WORKING DAYS TO REVIEW SHOP DRAWINGS. ALL SHOP DRAWINGS, SHALL BE CLEARLY STAMPED AND INDICATED APPROVED BY THE CONTRACTOR PRIOR TO SUBMISSION TO THE CONSULTANT.
- LAYOUT AND COORDINATION DRAWINGS: CONTRACTOR SHALL PREPARE SCALED COMPREHENSIVE COORDINATED LAYOUT DRAWINGS PROVIDE SECTIONS, GENERAL ARRANGEMENTS, ELEVATIONS INCLUDING ALL DISCIPLINES FOR HIS PROPOSED LAYOUT AND ROUTING PRIOR TO FABRICATION. SUBMIT TO OWNER AND A/E FOR REVIEW AND GENERAL CONFORMANCE. PROVIDE DRAWINGS THAT DEMONSTRATE VIA COORDINATED ELEMENTS AND SYSTEMS WITH STRUCTURE THAT CLEARLY INDICATE PROPOSED SYSTEMS WILL FIT, FUNCTION AS INTENDED, BE FREE OF INTERFERENCES AND CONFORM TO REQUIRED CODE AND MANUFACTURER WORKING AND MAINTENANCE CLEARANCES.
- DEVIATIONS FROM BASIS FOR DESIGN SYSTEMS SHALL BE CLEARLY IDENTIFIED ON ALL SUBMISSIONS.
- SUBSTITUTIONS:
A. CONTRACTOR SHALL PREPARE REQUESTS WITH COMPLETE COORDINATION INFORMATION, INCLUDE ALL CHANGES REQUIRED IN OTHER ELEMENTS OF THE WORK TO ACCOMMODATE THE SUBSTITUTION INCLUDING WORK PERFORMED BY THE OWNER AND THE SEPARATE CONTRACTORS.
B. PROVIDE COMPLETE SUPPORTING DATA QUALIFYING THE SUBSTITUTION COMPARED TO THE BASIS OF DESIGN SYSTEM. PROVIDE A DETAILED LIST OF ANY VARIANCES, PHYSICAL OR SPATIAL LAYOUTS, ELEVATIONS, ETC. TO THE BASIS OF DESIGN.
C. PROVIDE A STATEMENT INDICATING THE EFFECT THE SUBSTITUTION WILL HAVE ON THE WORK SCHEDULE IN COMPARISON TO THE SCHEDULE WITHOUT APPROVAL OF THE PROPOSED SUBSTITUTION, INCLUDE INFORMATION REGARDING THE EFFECT OF THE PROPOSED SUBSTITUTION ON THE CONTRACT TIME.
D. PROVIDE CERTIFICATION BY THE CONTRACTOR TO THE EFFECT THAT, IN THE CONTRACTOR'S OPTION, AFTER THOROUGH EVALUATION, THE PROPOSED SUBSTITUTION WILL RESULT IN WORK THAT IN EVERY SIGNIFICANT RESPECT IS EQUAL TO OR BETTER THAN THE WORK REQUIRED BY THE CONTRACT DOCUMENTS AND THAT IT WILL PERFORM ADEQUATELY IN THE APPLICATION INDICATED.
E. CONSULTANT'S EXPENSES THAT ARE INCURRED DUE TO REVISIONS OR SUBSTITUTIONS REQUESTED BY THE CONTRACTOR OR APPROVED BY THE OWNER SHALL BE COMPENSATED TO THE CONSULTANT BY THE CONTRACTOR.
- AS-BUILT DRAWINGS: THE CONTRACTOR SHALL MAINTAIN AND PREPARE A COMPLETE AND ACCURATE SET OF AS-BUILTS DURING THE PROJECT AND ISSUE TO THE A/E AND OWNER AT PROJECT CLOSEOUT. DURING THE COURSE OF THE PROJECT, THE CONTRACTOR SHALL ISSUE SKETCHES OR SCALED DRAWINGS FOR FIELD CHANGES THAT ARE PROPOSED OR MADE WHICH VARY FROM THE BASIS OF DESIGN. CONSULTANT EXPENSES THAT ARE INCURRED DUE TO SERVICES OR REVISIONS REQUIRED BY BUILDING DEPARTMENT, OWNER, CONTRACTOR, AND MANUFACTURER SHALL BE COMPENSABLE TO THE CONSULTANT BY THE CONTRACTOR.
- INSTALLATION, TESTING AND BALANCING, START UP, COMMISSIONING AND PERFORMANCE TROUBLESHOOTING OF SYSTEMS: CONTRACTOR RECOGNIZES HE IS SOLELY RESPONSIBLE FOR PERFORMANCE AND COMPLETION OF THESE SERVICES AS PART OF THE PROJECT REQUIREMENTS. DURING THE COURSE OF THE PROJECT, THE CONTRACTOR SHALL DOCUMENT THE SERVICES COMPLETED TO THE OWNER AND A/E. CONSULTANT EXPENSES THAT ARE INCURRED DUE TO SUPPORTING SERVICES OR REVISIONS REQUIRED BY BUILDING DEPARTMENT, OWNER, CONTRACTOR, AND MANUFACTURER SHALL BE COMPENSABLE TO THE CONSULTANT BY THE CONTRACTOR.
- CONTRACTOR/DELEGATED/SUCCESSOR ENGINEER - CONTRACTOR IS ASSIGNED TO PROVIDE DESIGN/BUILD SERVICES FOR SELECTED SYSTEMS. CONTRACTOR'S ENGINEER SHALL COMPLY WITH ALL FAC. 61615 REQUIREMENTS. DELEGATED/SUCCESSOR ENGINEER SHALL SUBMIT SIGNED/SEALED DRAWINGS TO A/E, TO AGENCIES, RESPOND TO ALL RFP'S, AGENCY COMMENTS, AND BECOME THE DESIGNATED SYSTEM ENGINEER OF RECORD.

PLUMBING SHEET INDEX

SHEET #	DESCRIPTION
P-001	PLUMBING SCHEDULES, LEGENDS, NOTES & INDEX
P-101	PLUMBING FIRST FLOOR PLAN AND RISERS
P-102	PLUMBING SECOND FLOOR PLAN
P-103	PLUMBING THIRD FLOOR PLAN
P-104	PLUMBING ROOF PLAN

SCOPE OF WORK

THE PROJECT CONSISTS OF PLUMBING WORK FOR NEW THREE STORY STORAGE FACILITY. DESIGN INCLUDES BUT SHALL NOT BE LIMITED DOMESTIC WATER, SANITARY, EQUIPMENT DRAINAGE, AND CONDENSATE.

PLUMBING LEGEND

—	SANITARY LINE
- - -	VENT LINE
—	CONDENSATE LINE (COND.)
—	RAINWATER LEADER (R.W.L.)
—	CONDENSATE P-TRAP
—	FLOOR DRAIN (F.D.)
H.B.	HOSE BIBB WITH S.O.V. & VACUUM BREAKER
O.H.	OVERHEAD
C.O.	CLEAN OUT
A.H.U.	AIR HANDLER UNIT

SMART STOP SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

REVISIONS

No.	Description	Date

PROJECT STATUS

CONSTRUCTION DOCUMENTS

DATE

2024-12-01

PROJECT NUMBER

18-2023

SCALE

AS SHOWN

CRAWN BY CH

CHECKED BY BPH

DRAWING TITLE

PLUMBING NOTES, LEGENDS AND SPECS

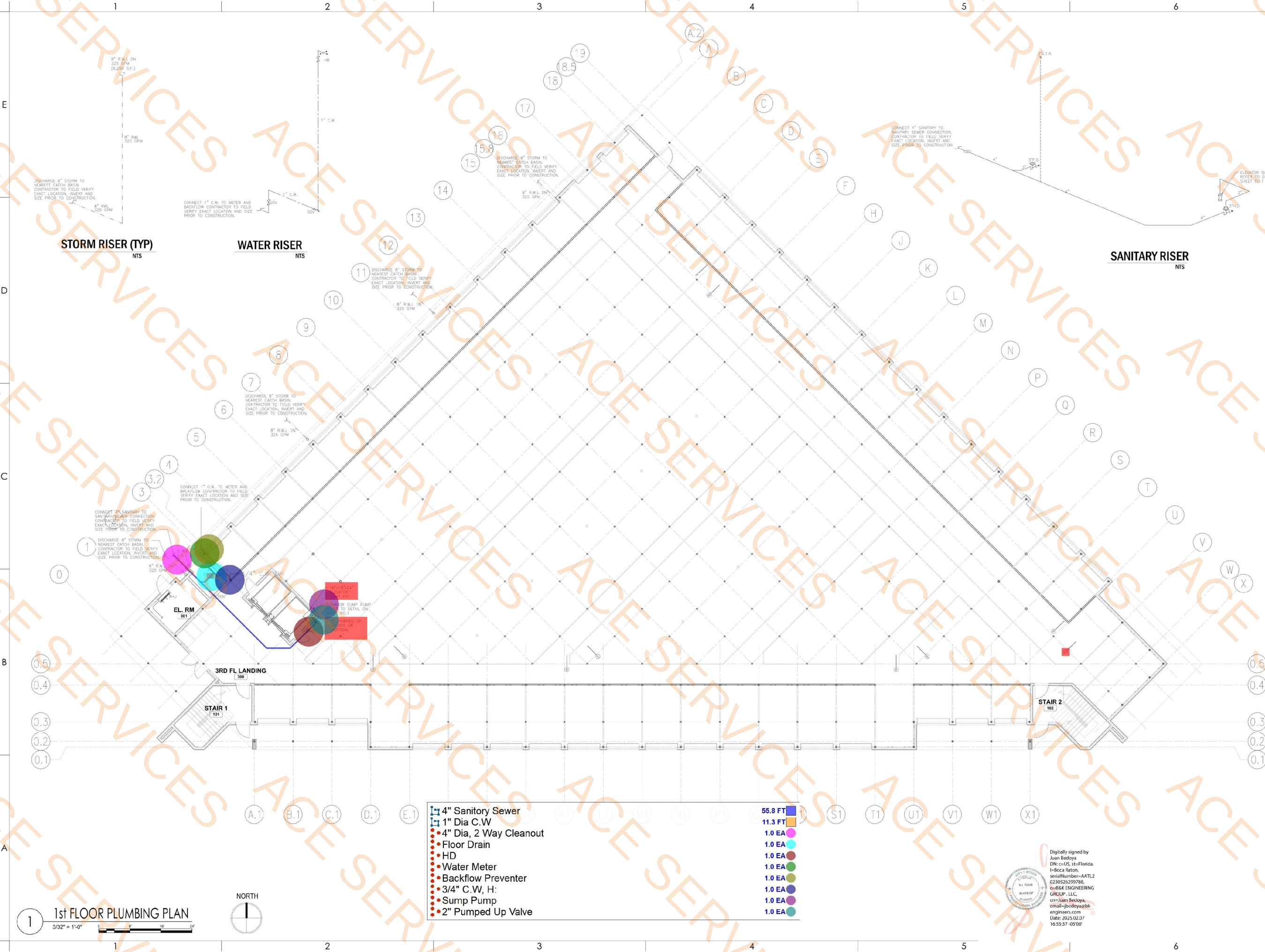
DRAWING NUMBER

P-001



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cn=Juan Bedoya, email=jbedoya@bk-engineers.com
Date: 2025.02.07 16:55:11 -05'00'

IT IS A VIOLATION OF THE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, TO ALTER THESE PLANS AND SPECIFICATIONS. THIS DOCUMENT CONTAINS PROPERTY INFORMATION AND SHALL NOT BE USED OR REPRODUCED OR ITS CONTENTS DISCLOSED, IN WHOLE OR IN PART, WITHOUT THE PRIOR WRITTEN CONSENT OF CHA DEVELOPMENT CONSULTANTS.



1 1st FLOOR PLUMBING PLAN
3/32" = 1'-0"

- 4" Sanitary Sewer
 - 1" Dia C.W
 - 4" Dia, 2 Way Cleanout
 - Floor Drain
 - HD
 - Water Meter
 - Backflow Preventer
 - 3/4" C.W. H
 - Sump Pump
 - 2" Pumped Up Valve
- 55.8 FT
 - 11.3 FT
 - 1.0 EA
 - 1.0 EA
 - 1.0 EA
 - 1.0 EA
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Digitally signed by
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PROJECT
SMART STOP
SELF STORAGE

8135 LAKE WORTH RD.
LAKE WORTH BEACH, FLORIDA

OWNER

REVISIONS		
No.	Description	Date

PROJECT STATUS
CONSTRUCTION DOCUMENTS

DATE
2024-12-01
PROJECT NUMBER
18-2023

SCALE
AS SHOWN

DRAWN BY
CH
CHECKED BY
BPH

DRAWING TITLE
1st FLOOR PLUMBING
PLAN

DRAWING NUMBER
P-101