



Wannemacher Jensen  
Architects, Inc.

132 Mirror Lake Drive North, Unit 301 St.  
Petersburg, Florida 33701-3214  
AA0002277

STRUCTURAL ENGINEER  
MASTER CONSULTING ENGINEERS, INC.

5523 WEST CYPRESS STREET, SUITE 200, TAMPA FL 33607

MEP & FP ENGINEER  
VOLT AIR CONSULTING ENGINEERS

6005 BENJAMIN ROAD, SUITE A, TAMPA, FL 33634

CIVIL ENGINEER  
DEUEL & ASSOCIATES

565 S HERCULES AVE, CLEARWATER, FL 33764

LANDSCAPE ENGINEER  
PLACEMAKER DESIGN STUDIO, LLC

415 PLAZA DR, DUNEDIN, FL 34698



CLEARWATER  
BRIGHT AND BEAUTIFUL • BAY TO BEACH

# CLEARWATER FIRE STATION #46



## CITY OFFICIALS

Frank Hibbard  
Mark Bunker  
Kathleen Beckman  
David Allbritton  
Hoyt Hamilton  
William B. Horne II

Mayor  
Councilmember  
Councilmember  
Councilmember  
Councilmember  
City Manager

**Tara L. Kivett, P.E.**  
City Engineer

Approved For  
Construction

CITY ENGINEER Tara L. Kivett, P.E. #86611

Date Approved

SCHEMATIC DESIGN

City Project No. 18-0028-FD  
City Plan Set No. 2018014

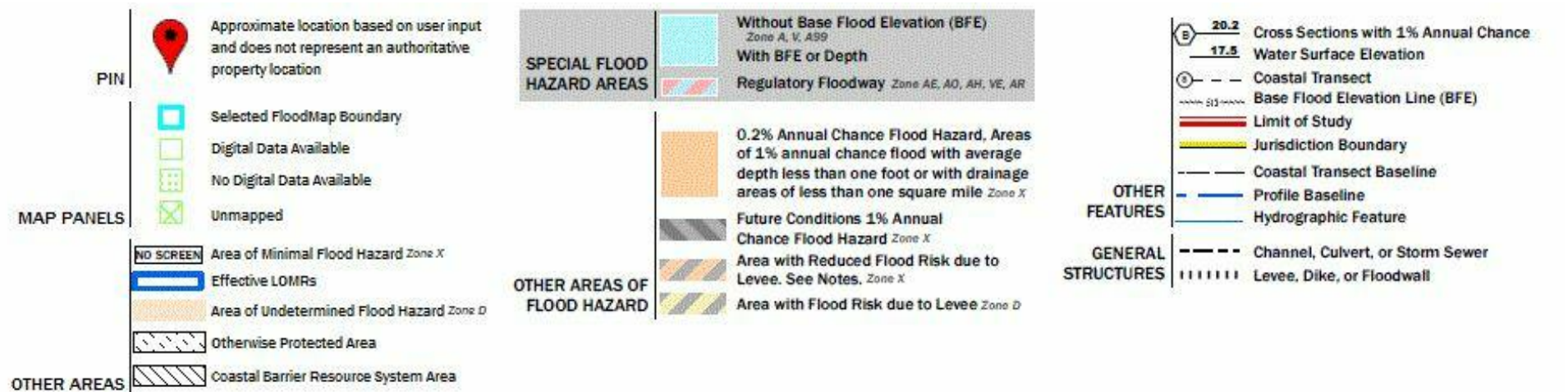


Project  
Location



## An aerial photograph of San Francisco, California, showing the city's grid and the San Francisco Bay. A red dot on the city grid, near the intersection of the city and the bay, is labeled 'PROJECT'. The map shows the city's layout, including the Golden Gate Bridge and the city's coastline. The project location is marked with a red dot and labeled 'PROJECT' in a white box.

CLEARWATER BEACH REV CLEARWATER CITY PARK



FEMA FLOOD ZONE: FLOOD ZONE VE 13 & AE 11, 12 (WITHIN 100' OF COASTAL CONSTRUCTION CONTROL LINE)  
 BASE FLOOD ELEVATION (BFE): 12' NAVD (2' FREE BOARD)  
 LOWEST FFE IN PROPOSED PROJECT: 14'-0" NAVD

RISK CATEGORY (FBC TABLE 1604.5): IV  
ULTIMATE DESIGN WIND SPEED: 157 MPH

1. ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK.
2. ALL WORKMANSHIP AND MATERIALS USED IN THE CONSTRUCTION OF THIS PROJECT SHALL CONFORM TO THE LATEST CITY OF CLEARWATER STANDARDS, CONTRACT DOCUMENTS AND SPECIFICATIONS UNLESS OTHERWISE NOTED.
3. SPECIFIC REQUIREMENTS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) ROADWAY AND TRAFFIC DESIGN STANDARDS, AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, MOST CURRENT EDITIONS, ARE INCORPORATED INTO THE CONTRACT DOCUMENTS BY REFERENCE.
4. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO CONSTRUCTION.
5. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AT LEAST 48 HOURS BEFORE BEGINNING CONSTRUCTION, DEMOLITION AND/OR EXCAVATION IN ACCORDANCE WITH FLORIDA STATUTES.
6. THE CONTRACTOR SHALL CALL "SUNSHINE STATE ONE CALL 1-800-432-4770 (OR 811) A MINIMUM OF 2 DAYS AND A MAXIMUM OF 5-DAYS PRIOR TO START OF CONSTRUCTION..
7. ALL CONSTRUCTION ACTIVITIES MUST CONFORM TO THE LOCAL NOISE ORDINANCE.
8. HOURS OF WORK SHALL BE IN ACCORDANCE WITH THE LOCAL GOVERNMENTAL AGENCY.
9. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
10. CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION SAFETY. SPECIAL PRECAUTIONS MAY BE REQUIRED IN THE VICINITY OF POWER LINES AND OTHER UTILITIES.
11. THE CONTRACTOR SHALL FURNISH, ERECT AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH THE US DEPARTMENT OF TRANSPORTATION, "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND THE LATEST FLORIDA DEPARTMENT OF TRANSPORTATION "ROADWAY AND TRAFFIC DESIGN STANDARDS."
12. THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN EFFECTIVE BARRICADES, DANGER SIGNALS, SIGNS AND PEDESTRIAN DETOURS IN ALL AREAS WHERE REQUIRED FOR THE PROTECTION OF THE WORK AND THE SAFETY OF THE PUBLIC.
13. MAINTENANCE OF TRAFFIC: IF IT BECOMES NECESSARY FOR THE CONTRACTOR TO CLOSE ANY STREET TO THROUGH TRAFFIC WITHIN THE LIMITS OF CONSTRUCTION, ACCESS FOR LOCAL TRAFFIC WITH DESTINATION WITHIN THE PROJECT LIMITS OF CONSTRUCTION SHALL BE MAINTAINED. IF DURING CONSTRUCTION, ACCESS FOR LOCAL TRAFFIC IS CHANGED, THEN THE PROPERTY OWNERS AFFECTED SHALL BE GIVEN AT LEAST THREE DAYS ADVANCE NOTICE. THE CONTRACTOR SHALL SUBMIT THE TRAFFIC CONTROL PLAN FOR APPROVAL PRIOR TO IMPLEMENTATION.
14. A REGISTERED LAND SURVEYOR AT THE CONTRACTORS EXPENSE SHALL RESET ALL SECTION CORNERS OR PROPERTY CORNERS DISLOCATED OR DISTURBED BY THE CONSTRUCTION ACTIVITIES.
15. UNLESS NOTED ON THE PLANS, FINAL GRADE IS TO GENERALLY BE THE SAME AS EXISTING GRADE. RESTORE UNIFORMLY AND FOR PROPER YARD DRAINAGE GRADE TOWARD ROADWAY.
16. ALL NEW UTILITIES SHALL BE INSTALLED WITH 36" MINIMUM COVER.
17. THE LOWEST PIPE SHALL BE INSTALLED FIRST WHERE UTILITIES CROSS.

18. THE CONTRACTOR SHALL PROVIDE ALL SHEETING, SHORING AND BRACING REQUIRED TO PROTECT ADJACENT STRUCTURES OR TO MINIMIZE TRENCH WIDTH. WHERE A SEPARATE PAY ITEM IS NOT PROVIDED, THE COST OF ALL SHEETING AND BRACING REQUIRED SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE ITEM OF WORK FOR WHICH SHEETING, SHORING AND BRACING IS ANTICIPATED TO BE REQUIRED IN ACCORDANCE WITH LOCAL, STATE, OR FEDERAL REGULATIONS FOR CONSTRUCTION.
19. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI (28 DAY STRENGTH), UNLESS OTHERWISE NOTED ON DRAWINGS.
20. MATERIALS INTERFERING WITH CONSTRUCTION SHALL BE DISPOSED OF AS DIRECTED BY THE ENGINEER UNLESS OTHERWISE NOTED ON PLANS.
21. ALL EXCESS SOIL RESULTING FROM CONSTRUCTION ACTIVITIES THAT IS NOT CLAIMED BY THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND DISPOSED OF BY THE CONTRACTOR.
22. AREAS OF EXPOSED EARTH RESULTING FROM CONSTRUCTION SHALL BE SODED IN KIND AS DIRECTED BY THE ENGINEER UNLESS OTHERWISE NOTED ON PLANS.
23. THE CONTRACTOR SHALL MAINTAIN AN ACCURATE SET OF MARKED-UP (AS-BUILT) DRAWINGS AT THE CONSTRUCTION SITE.
24. A CCTV INSPECTION THE NEW SEWER SYSTEM IN DIGITAL FORMAT UTILIZING THE INDUSTRY STANDARD PIPELINE ASSESSMENT AND CERTIFICATION PROGRAM (PACP) CODING SYSTEM SHALL BE PROVIDED TO THE CITY. THE CVDVIDEO SHALL BE TAKEN PRIOR TO PLACING THE NEW SEWER SYSTEM INTO SERVICE. DATA WILL BE COLLECTED UTILIZING CUES GRANITE SOFTWARE.
25. INSTALLATION OF GRAVITY SEWER PIPE SHALL BE IN CONFORMANCE WITH RECOMMENDED PRACTICES
26. CONTAINED IN ASTM D-2321. THE BOTTOM TRENCH WIDTH IN AN UNSUPPORTED TRENCH SHALL BE LIMITED TO THE MINIMUM PRACTICABLE WITH ALLOWING WORKING SPACE TO PLACE AND COMPACT THE HAUNCHING MATERIAL. THE USE OF TRENCH BOXES AND MOVABLE SHEETING SHALL BE PERFORMED IN SUCH A MANNER THAT REMOVAL, BOXFILL AND COMPACTION WILL NOT DISTURB COMPACTED HAUNCHING MATERIAL OR PIPE ALIGNMENT. DEWATERING OF THE TRENCH BOTTOM SHALL BE ACCOMPLISHED USING ADEQUATE MEANS TO ALLOW PREPARATION OF BEDDING, PLACEMENT OF THE HAUNCHING MATERIAL AND PIPE IN THE TRENCH WITHOUT STANDING WATER. DEWATERING SHALL CONTINUE UNTIL SUFFICIENT BOXFILL IS PLACED ABOVE THE PIPE TO PREVENT FLOTATION OR MISALIGNMENT. CONNECTIONS TO MANHOLES WITH SANITARY PIPE SHALL USE A JOINT 2 FEET IN LENGTH AND SHALL USE AN APPROVED WATER STOP AROUND PIPE JOINT ENTRY.
27. CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE MATERIALS, CONSTRUCTION DEBRIS, AND OTHER WASTE MATERIALS OFFSITE IN ACCORDANCE WITH APPLICABLE REGULATORY AGENCY REQUIREMENTS AT THE CONTRACTORS EXPENSE. ALL BACKFILL SHALL BE FREE OF UNSUITABLE MATERIALS.
28. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A HURRICANE PREPARATION PLAN TO THE CITY'S REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.
29. ANY DAMAGE TO CITY, COUNTY, OR STATE ROADS CAUSED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR IN A TIMELY MANNER AND TO THE SATISFACTION OF THE CITY ENGINEER. PAYMENT SHALL NOT BE MADE FOR THIS WORK.
30. THE CONTRACTOR SHALL PROTECT PRIVATE PROPERTY.
31. THE HORIZONTAL DATUM IS FLORIDA STATE PLANE COORDINATES, N.A.D. 83-90, FLORIDA WEST ZONE.
32. THE VERTICAL DATUM IS THE CITY OF CLEARWATER BENCH NETWORK, N.A.V.D. 1988.

ACC	AIR CONDITIONING	MAX	MAXIMUM
ACD	ACOUSTICAL	MECH	MECHANICAL
AD	AREA DRAIN	MEP	MECHANICAL ELECTRICAL, PLUMBING
ADA	AMERICANS WITH DISABILITIES ACT	MFR	MANUFACTURER
ADD	ADDITIONAL	MIN	MINIMUM
ADJ	ADJUSTABLE	MISC	MISCELLANEOUS
AFF	ABOVE FINISH FLOOR	MM	MILLIMETER
ALT	ALTERNATE	MTD	MOUNTED
ALUM	ALUMINUM	MTL	METAL
APPD	APPROVED	MULL	MULLION
APPROX	APPROXIMATE	N/A	NOT APPLICABLE
ARCH	ARCHITECTURAL	NC	NOISE CRITERIA
AUT	AUTOMATIC	NC	NOT IN CONTRACT
AV	AUDIO VISUAL	NO	NUMBER
B/W	BETWEEN	NOM	NOMINAL
BCA	BUILDING CONSTRUCTION AUTHORITY	NRC	NOISE REDUCTION COEFFICIENT
BLDG	BUILDING	NTS	NOT TO SCALE
CB	CEMENTITIOUS BACKER UNIT	ON	ON CENTER
CFM	COLD FORM METAL FRAMING	OH	OVER HEAD
CJ	CONTROL JOINT / CONSTRUCTION JOINT	OPNG	OPENING
CL	CENTER LINE	OPP	OPPOSITE
CLG	CEILING	OPP HD	OPPOSITE HAND
CLR	CLEAR	PAV	PAVER
CMU	CONCRETE MASONRY UNIT	PERF	PERFORATED
CNTR	COUNTER	PERIM	PERIMETER
CO	CLEANOUT	PERP	PERPENDICULAR
COL	COLUMN	PLAM	PLASTIC LAMINATE
CONC	CONCRETE	PLBG	PLUMBING
CONDI	CONDITION	PR	PAIR
CONN	CONNECTION	PREFAB	PREFABRICATED
CONT	CONTINUOUS	PT	PRESSURE TREATED
COORD	COORDINATE	PTD	PAINTED
CORR	CORRIDOR	PTN	PARTITION
CTR	CENTER	PTxx	PAINT
DBL	DOUBLE	Q	QUANTITY
DEMO	DEMOLITION	QTY	QUANTITY
DEPT	DEPARTMENT	R	RADIUS
DET	DETAIL	RCP	REFLECTED CEILING PLAN
DF	DRINKING FOUNTAIN	RD	ROOF DRAIN
DIA	DIAMETER	REC	RECESSED
DIFF	DIFFUSER	REF	REFERENCE
DM	DIMENSION	REQ	REQUIRE / REQUIRED
DIN	DOWNS	REV	REVISION / REVISED
DP	DIMENSION POINT	RM	ROOM
DR	DOOR	SCHED	SCHEDULE
DRN	DRAIN	SD	STORM DRAIN
DWG	DRAWING	SECT	SECTION
EA	EACH	SF	SQUARE FEET/FOOT
EJ	EXPANSION JOINT	SMT	SHEET
ELEV	ELEVATION	SH	SIMILAR
ELC	ELECTRICAL	SPEC	SPECIFICATION
ENCL	ENCLOSURE	SPKR	SPEAKER
EQ	EQUAL	SPR	SPRINKLER
EQUIP	EQUIPMENT	SQ	SQUARE
EW	EACH WAY	SS	STAINLESS STEEL
EWG	ELECTRICAL WATER COOLER	SSK	SERVICE SINK
EXIST	EXISTING	STD	STANDARD
EXP	EXPANSION	STL	STEEL
EXT	EXTERIOR	STOR	STORAGE
F/	FACE OF (SEE OTHER WORD)	STRL	STRUCTURAL
FA	FIRE ALARM	SUSP	SUSPENDED
FACP	FIRE ALARM CONTROL PANEL	SYMM	SYMMETRICAL
FD	FLOOR DRAIN	TEL	TELEPHONE OR TELECOM
FDC	FIRE DEPARTMENT CONNECTION	THK	THICKNESS
FEC	FIRE EXTINGUISHER CABINET	THRU	THROUGH
FEX	FIRE EXTINGUISHER	TV	TELEVISION
FF	FINISH FLOOR	TYP	TYPICAL
FFE	FURNITURE FINISHES & EQUIPMENT	UL	UNDERWRITERS LABORATORY
FHC	FIRE HOSE CABINET	UNFIN	UNFINISHED
FIN	FINISH	U.N.O.	UNLESS NOTED OTHERWISE
FIXT	FIXTURE	UON	UNLESS OTHERWISE NOTED
FL	FLOOR	URNAL	URNAL
FR	FRAME	VCT	VINYL COMPOSITION TILE
FRT	FIRE RETARDANT TREATED	VERT	VERTICAL
FE	FEET	VEST	VESTIBULE
FURN	FURNITURE/ FURNISHED	VIF	VERIFY IN FIELD
FURR	FURRING	W	WIDE, WIDTH
GA	GAUGE / GAGE	W/	WITH
GALV	GALVANIZED	W/O	WITHOUT
GC	GENERAL CONTRACT/OR	WC	WATER CLOSET
GL-xx	GLASS	WD	WOOD
GWB	GYPSPUM WALLBOARD	WDW	WINDOW
HB	HOSE BIBB	WWF	WELDED WIRE FABRIC
HCP	HANDICAPPED	XTR	EXISTING TO REMAIN
HDW	HARDWARE		
HM	HOLLOW METAL		
HORIZ	HORIZONTAL		
HC	HANDICAPPED		
HR	HOUR		
HSS	HOLLOW STRUCTURAL SECTION		
HT	HEIGHT		
HVAC	HEATING, VENTILATING, AIR CONDITIONING		
HW	HOT WATER		
IN	INCH		
INCL	INCLUDED / INCLUDING		
INFO	INFORMATION		
INT	INTERIOR		
INTERM	INTERMEDIATE		
ISA	INTNL SYMBOL OF ACCESSIBILITY		
LAV	LAVATORY		
LVR	LOUVER		
MAINT	MAINTENANCE		

1. EXISTING ITEMS AND CONDITIONS ARE DEPICTED AND DESCRIBED ON THESE DRAWINGS ACCORDING TO THE BEST AVAILABLE INFORMATION AND SURVEYS. THE ARCHITECT PROVIDES NO ASSURANCE AS TO, AND ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THESE DEPICTIONS AND DESCRIPTIONS. FIELD VERIFY AND DETERMINE, BY ANY MEANS NECESSARY, THE ACTUAL LOCATION, CONFIGURATION AND CONDITION OF ALL PERTINENT ITEMS, INCLUDING THOSE THAT MAY BE IN CONCEALED LOCATIONS. IF INVESTIGATION DISCOVERS THAT ACTUAL CONDITIONS DIFFER FROM WHAT IS DEPICTED OR DESCRIBED ON THESE DRAWINGS OR IF THE ITEMS AND CONDITIONS THAT ARE TO REMAIN AS PART OF THE FINISHED WORK ARE UNSUITABLE TO SUPPORT OR ACCOMMODATE THE WORK REQUIRED FOR THIS PROJECT, OR DO NOT COMPLY WITH BUILDING CODE REQUIREMENTS OR MEET CONSTRUCTION INDUSTRY STANDARDS, IMMEDIATELY NOTIFY THE ARCHITECT BY RFI AND DO NOT PROCEED WITH THE WORK UNTIL RECEIPT OF SUPPLEMENTAL INSTRUCTIONS FROM THE ARCHITECT.
2. ESTABLISH AREAS AND LIMITS OF CONSTRUCTION ACTIVITY ACCEPTABLE TO THE OWNER AND PROVIDE THE TEMPORARY FACILITIES REQUIRED TO ACCOMPLISH THE WORK INCLUDING: FIELD OFFICE, TOILETS, ELECTRIC SERVICE, SITE ACCESS, PARKING, STORAGE AND CONSTRUCTION STAGING AREAS. PROVIDE TEMPORARY WALKWAYS, DRIVEWAYS, BARRIERS, SIGNS AND ILLUMINATION TO SEPARATE AND PROTECT THE GENERAL PUBLIC FROM THE WORK RELATED ACTIVITIES. PROVIDE ACCESS ROUTES TO AND FROM AREAS OF CONSTRUCTION ACTIVITY FOR CONSTRUCTION PERSONNEL THAT COMPLY WITH ALL OSHA AND OTHER GOVERNMENT SAFETY AND ACCESSIBILITY REQUIREMENTS. ASSUME FULL LIABILITY FOR ANY DAMAGE TO ADJACENT PROPERTIES, DAMAGE TO PERSONAL PROPERTY, INJURY TO PERSONS, ETC. CAUSED BY WORK RELATED ACTIVITIES OR NEGLIGENCE.
3. PROVIDE TEMPORARY SHORING AS REQUIRED TO ADEQUATELY SUPPORT AND RETAIN EXISTING MATERIALS AND CONSTRUCTION AFFECTED BY THE WORK. PROTECT THOSE ITEMS, MATERIALS & FINISHES TO REMAIN. REMOVE ONLY THOSE ITEMS AND MATERIALS NECESSARY TO ACCOMMODATE THE WORK WITH CLEAN, UNIFORM CUTS. FILL AND PATCH REMAINING CONSTRUCTION AS REQUIRED WITH MATERIALS MATCHING THE ADJACENT MATERIALS IN COLOR, STRENGTH, AND APPEARANCE SO AS TO FINISH UNIFORMLY WITHOUT TELEGRAPHING DIFFERENCES BETWEEN THE PATCHES AND THE ADJACENT CONSTRUCTION. REPAIR OR REPLACE ANY ITEMS, MATERIALS OR FINISHES DAMAGED BY THE WORK AT NO COST TO THE OWNER.
4. PROVIDE THE ITEMS, PRODUCTS AND FEATURES AS DEPICTED, DESCRIBED AND SPECIFIED ON THE DRAWINGS. IF DISCREPANCIES ARE DISCOVERED ON THE DRAWINGS, NOTIFY THE ARCHITECT BY RFI AND DO NOT PROCEED WITH WORK RELATED TO ITEMS IN QUESTION UNTIL RECEIPT OF SUPPLEMENTAL INSTRUCTIONS FROM THE ARCHITECT. REQUESTS FOR SUBSTITUTIONS MAY BE SUBMITTED TO THE ARCHITECT FOR CONSIDERATION, DO NOT MAKE SUBSTITUTIONS WITHOUT THE APPROVAL OF THE ARCHITECT. WHERE A "BASIS-OF-DESIGN" PRODUCT IS SPECIFIED, A COMPARABLE PRODUCT MAY BE PROVIDED, SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
5. SUBMIT SHOP DRAWINGS, PRODUCT DATA AND SAMPLES TO THE ARCHITECT AND BCA FOR REVIEW AS REQUIRED BY THE CONTRACT DOCUMENTS. DO NOT PROCEED WITH WORK RELATED TO SUBMITTALS MARKED "REJECTED" OR "REVISE AND RESUBMIT" BY THE ARCHITECT, OR THE ARCHITECT'S CONSULTANTS. SUBMITTALS MARKED "REJECTED" OR "NO EXCEPTION TAKEN" OR "MAKE CORRECTIONS NOTED" DO NOT SUPERSEDE THE NEED TO COMPLY WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
6. DO NOT SCALE DRAWINGS. THE DIMENSIONS ON THE DRAWINGS GOVERN. WRITTEN NOTES REFERRING AN ITEM OR FEATURE WITH THE WORD "TYPICAL" (TYP) APPLY TO ALL IDENTICAL ITEMS OR FEATURES INDICATED ELSEWHERE ON THESE DRAWINGS.
7. PROVIDE A FLORIDA PRODUCT APPROVAL ISSUED BY THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION OR A MIAMI-DADE NOTICE OF ACCEPTANCE (NOA) ISSUED BY THE MIAMI-DADE COUNTY GOVERNMENT FOR EACH EXTERIOR COMPONENT AND CLADDING ASSEMBLY CERTIFYING THAT APPROVED TESTING HAS SUFFICIENTLY DEMONSTRATED THAT THE ASSEMBLY AND ITS COMPONENTS, AS DESIGNED AND MANUFACTURED, WILL WITHSTAND THE WIND LOADS AND WIND-BORNE MISSILE IMPACTS IN COMPLIANCE WITH ALL CODE AND JURISDICTIONAL REQUIREMENTS FOR THE PROJECT LOCATION WHEN INSTALLED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS INCLUDING INSTRUCTIONS THAT MAY BE PROVIDED WITH THE FLORIDA PRODUCT APPROVAL OR NOA DOCUMENTS. PROVIDE THESE DOCUMENTS AS PART OF THE SUBMITTAL FOR EACH OF THESE ITEMS AND ASSEMBLIES FOR BCA APPROVAL.
8. PROVIDE ALL ITEMS AND FEATURES DEPICTED AND DESCRIBED ON THESE DRAWINGS AND OTHER CONTRACT DOCUMENTS SO THEY ARE PROPERLY PLACED, ALIGNED, PLUMB, SECURED, FINISHED AND FUNCTIONING AS INTENDED. PROVIDE FINISHED WORK THAT MEETS OR EXCEEDS CURRENT INDUSTRY STANDARDS FOR QUALITY AND PERFORMANCE. ARRANGE AND CONDUCT INSPECTIONS OF THE FINISHED WORK WITH THE OWNER, THE ARCHITECT, AND THE AUTHORITY HAVING JURISDICTION. APPROVAL OF THE WORK BY THESE OR ANY OTHER PARTY OR AGENCY DOES NOT SUPERSEDE THE NEED TO COMPLY WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
9. REMOVE CONSTRUCTION DEBRIS, INCLUDING DEMOLISHED MATERIALS, FROM THE SITE AS REQUIRED TO PREVENT ACCUMULATION. TRANSPORT THESE MATERIALS OFF THE SITE IN A MANNER THAT WILL PREVENT SPILLAGE AND LEGALLY DISPOSE OF THESE MATERIALS AT AN EPA APPROVED DISPOSAL OR RECYCLING FACILITY.
10. KEEP COMPLETE AND LEGIBLE SETS OF CONSTRUCTION DOCUMENTS, ADDENDA, SUPPLEMENTAL INSTRUCTIONS, SUPPLEMENTAL DRAWINGS, MEETING NOTES, ETC. TOGETHER AND READILY AVAILABLE IN AN APPROPRIATE LOCATION ON SITE.
11. PROVIDE ONLY 2x6" NOMINAL MINIMUM PM WOOD BLOCKING USED IN CONCEALED SPACES. NO FIRE RETARDANT TREATED WOOD ALLOWED, UNLESS APPROVED BY BCA.
12. CONCEAL CONDUIT, PIPING, ETC. WITHOUT EXCEPTION. PROVIDE ACCESSIBLE JUNCTION BOXES, VALVES, CLEANOUTS, ETC., AS REQUIRED BY CODE.
13. WHERE POSSIBLE AND BEST PRACTICE, ALIGN THE SEAMS AND EDGES OF BREAK METAL AND FLASHING WITH ADJACENT DETAILS, EDGES OF MATERIAL TRANSITIONS, OR WITH BUILDING DESIGN FEATURES. CONSULT WITH ARCHITECT AS REQUIRED.
14. PER OWNER - CONTRACTOR AGREEMENT, PROJECT TO FOLLOW ALL OSHA STANDARDS AND REQUIREMENTS. INCLUDE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) EXCAVATION SAFETY STANDARD 29 C.P.R., SECTION 1926.530 SUBPART P, WHICH ARE INCORPORATED AS THE STATE STANDARD
15. ALL CONTRACTORS SHALL INCLUDE IN THEIR BID REFERENCE TO THE TRENCCH SAFETY STANDARD, WHERE RELEVANT, AND WRITTEN ASSURANCE THAT THE CONTRACTOR WILL COMPLY WITH CHAPTER 553, PART V TRENCCH SAFETY ACT, SECTIONS 553.60 THROUGH 553.64, FLORIDA STATUTES. ALL TRENCCH SAFETY SYSTEMS SHALL BE DESIGNED BY THE CONTRACTOR.
16. AT STOREFRONT GLASS OR ANY GLASS WALL, FURNISH AND INSTALL DIAGONAL BRACING ABOVE IN CONCEALED LOCATION (IF EXPOSED, CONFIRM LOCATION SIDE WITH ARCHITECT).
17. REQUESTS FOR SUBSTITUTIONS OF SPECIFIED ITEMS SHALL BE SUBMITTED IN WRITING WITHIN BID PROPOSAL FOR CONSTRUCTION TO THE ARCHITECT, AND WILL BE CONSIDERED ONLY IF THEY PROVIDE BETTER SERVICES, HAVE A MORE ADVANTAGEOUS DELIVERY DATE, OR HAVE A LOWER PRICE PROVIDING A CREDIT TO THE TENANT AND WILL NOT SACRIFICE QUALITY, APPEARANCE OR FUNCTION UNDER NO CIRCUMSTANCES WILL THE ARCHITECT BE REQUIRED TO PROVE THAT A PRODUCT PROPOSED FOR SUBSTITUTION IS OR IS NOT OF EQUAL QUALITY TO THE SPECIFIED PRODUCT.
18. SHOP DRAWINGS/SUBMITTALS ARE REQUIRED FOR BUT NOT LIMITED TO THE FOLLOWING: MILLWORK, STRUCTURAL MISCELLANEOUS STEEL, HARDWARE, WOOD AND METAL DOORS, AND EQUIPMENT. SHOP DRAWINGS SHOULD INCLUDE DETAILED FABRICATION AND ERECTION DRAWINGS, SETTING DRAWINGS, AND MATERIAL SCHEDULES. FABRICATION SHALL BEGIN ONLY AFTER ARCHITECT'S REVIEW AND APPROVAL OF SHOP DRAWINGS.

CATEGORY	SUB CATEGORY	MATERIAL	APPLICANT	DESCRIPTION	APPROVAL NUMBER
ROOFING	SINGLE PLY ROOF SYSTEMS	TPO	JOHNS MANVILLE	JM TPO 60 MIL SINGLE PLY ROOFING	FL 16758.2
EXTERIOR DOORS	SWINGING EXTERIOR DOOR ASSEMBLIES	STEEL	SCHLAGE	H-SERIES SINGLE FLUSH OUTSWING	FL 12400.2
EXTERIOR DOORS	SECTIONAL EXTERIOR DOOR ASSEMBLIES	STEEL/ GL	RAYNOR	ALUMAVIEW AV 300	FL 21372.1
EXTERIOR DOORS	ROLL-UP EXTERIOR DOOR ASSEMBLIES	ALUMINUM	OVERHEAD DOOR	EXTERIOR COILING DOOR SERIES 610 F265	FL 742.15
PANEL WALLS	STOREFRONT	ALUMINUM	YKK	AP YHS 50 FI	FL14218.1
PANEL WALLS	SOFFIT	ALUMINUM	FIRESTONE	UNACLAD UC-500 FLUSH PANEL	FL13684.1
PANEL WALLS	EXTERIOR FINISH SYSTEM	DENSGLASS	GEORGIA PACIFIC	EXTERIOR WALL SHEATHING	FL 2524-R7
LOUVERS	PANEL WALLS	ALUMINUM	RUSKIN	EME3625DFL WIND-DRIVEN RAIN RESISTANT STATIONARY LOUVER	FL 35026.1
PANEL WALLS	SIDING	FIBER CEMENT	JAMES HARDIE	ARTISAN SIDING W/ LOCK JOINT SYSTEM	FL 10477.2
ROOFING	ROOF HATCH	GALVANIZED STEEL	BILCO	ROOF HATCH - MODEL S-20 (30"x36")	FL 15510.1
FLOOD VENTS	STRUCTURAL COMPONENTS	STAINLESS STEEL	SMART VENTS, INC.	INSULATED FLOOD VENT MODEL 1540-520	FL 5822.3

\* BASIS-OF-DESIGN PRODUCTS: COMPARABLE PRODUCTS BY OTHER MANUFACTURERS MAY BE PROVIDED.

Room name			
101	ROOM TAG		
1001X	DOOR TAG		
1i	WINDOW TAG		
ST-X	STOREFRONT TAG		
X 6 X 6	WALL TAG		
XXX	SPECIALTY EQUIPMENT TAG		
1t	FLOOR TAG		
FV-X	FLOOD VENT 1-ONE VENT 2-DOUBLE VENT		
			EXTERIOR ELEVATION
			INTERIOR ELEVATION
			SECTION MARK

ALIGNMENT TAG				LEVEL HEAD
KEYNOTE TAG		Name Elevation		SPOT ELEVATION MARK
SPECIFIC NOTE TAG		1'-0" A.F.F.		

<b>RECORD DRAWINGS</b>		60% CD SET		3/22/2021
<b>SURVEYED BY:</b>	<b>DRAWN BY:</b>			
<b>REVIEWED BY:</b>				
<b>PROJECT ENGINEER</b>	<b>DATE</b>			
<b>APPROVED BY:</b>	<b>DATE</b>			
		<b>REVISION</b>	<b>BY</b>	<b>DATE</b>

ENGINEERING DEPARTMENT  
100 S. MYRTLE AVE.  
CLEARWATER, FL 331756

DWG NAME: DRAWING LEGEND AND BUILDING DATA	FIELD BOOK: XXXXXX	SURVEYED BY: XXXXXX	SCALE: As indicated
CONTRACT NO.: XXXXXXXX	DATE DRAWN: XX/XX/XXXX	DRAWN BY: Author	<div style="text-align: right; font-size: 2em; font-weight: bold;">G-101</div>
JOB NO.: 18-0028-PD	DESIGNED BY: Designer	CHECKED BY: Checker	
APPROVED BY <span style="font-size: 1.5em; font-family: cursive;">Approver</span>			DATE



DRAWING INDEX		
SHEET #	SHEET NAME	PERMIT
A-811	DOOR HARDWARE SCHEDULE	
E-000	LEGEND - ELECTRICAL	
E-001	SCHEDULES - ELECTRICAL	
E-100	SITE PLAN - ELECTRICAL	
E-201	LEVEL 1 - FLOOR PLAN - POWER	
E-301	LEVEL 1 - FLOOR PLAN - LIGHTING	
E-401	ENLARGED FLOOR PLAN & LIGHTING CONTROLS LAYOUT	
E-501	RISER DIAGRAM - ELECTRICAL	
E-502	CALCULATIONS -ELECTRICAL	
E-601	PANEL SCHEDULES - ELECTRICAL	
E-901	DETAILS - ELECTRICAL	
E-902	DETAILS - ELECTRICAL	
FP-000	LEGEND - FIRE PROTECTION	
FP-100	SITE PLAN - FIRE PROTECTION	
FP-200	UNDERGROUND - FLOOR PLAN - FIRE PROT.	
FP-201	LEVEL 1 - RCP - FIRE PROTECTION	
FP-901	DETAILS - FIRE PROTECTION	
M-000	LEGEND - HVAC	
M-201	LEVEL 1 - FLOOR PLAN - HVAC	
M-202	LEVEL 2 - FLOOR PLAN - HVAC	
M-801	SCHEDULES - HVAC	
M-802	SCHEDULES - HVAC	
M-901	DETAILS - HVAC	
M-903	KITCHEN DETAILS - HVAC	
M-904	KITCHEN DETAILS - HVAC	
M-905	KITCHEN DETAILS - HVAC	
M-906	KITCHEN DETAILS - HVAC	
M-907	KITCHEN DETAILS - HVAC	
M-908	KITCHEN DETAILS - HVAC	
M-909	KITCHEN DETAILS - HVAC	
M-910	KITCHEN DETAILS - HVAC	
P-000	LEGEND - PLUMBING	
P-100	SITE PLAN - PLUMBING	
P-200	UNDERGROUND - FLOOR PLAN - PLUMBING	
P-201	LEVEL 1 - FLOOR PLAN - GRAVITY	
P-301	LEVEL 1 - FLOOR PLAN - PRESSURE	
P-601	SCHEDULES - PLUMBING	
P-901	DETAILS - PLUMBING	
P-902	DETAILS - PLUMBING	
S101	GENERAL STRUCTURAL NOTES	
S102	WIND DESIGN DATA AND LOAD SCHEDULE	
S201	FOUNDATION PLAN	
S202	SLAB ON GRADE PLAN	
S203	2ND FLOOR FRAMING PLAN	
S205	LOW ROOF - FRAMING PLAN	
S206	HIGH ROOF FRAMING PLAN	
S301	TYPICAL DETAILS	
S302	TYPICAL DETAILS	
S303	TYPICAL DETAILS	
S304	TYPICAL DETAILS	
S305	TYPICAL DETAILS	
S306	TYPICAL DETAILS	
S308	TYPICAL DETAILS	
S309	TYPICAL DETAILS	
S310	TYPICAL DETAILS	
S401	SECTIONS AND DETAILS	
S402	SECTIONS AND DETAILS	
S403	SECTIONS AND DETAILS	
S404	SECTIONS AND DETAILS	
S405	SECTIONS AND DETAILS	
S406	SECTIONS AND DETAILS	
S407	SECTIONS AND DETAILS	
S408	SECTIONS AND DETAILS	
S501	WALL ELEVATIONS	
S502	WALL ELEVATIONS	
S503	WALL ELEVATIONS	
S504	WALL ELEVATIONS	
S505	WALL ELEVATIONS	
S601	SCHEDULES	
S602	SCHEDULES	
S701	ISOMETRIC VIEWS	
T-000	LEGEND - TECHNOLOGY	
T-100	SITE PLAN - TECHNOLOGY	
T-201	LEVEL 1 - FLOOR PLAN - TECHNOLOGY	
T-401	ENLARGED FLOOR PLANS	
T-501	RISERS - TECHNOLOGY	
T-901	DETAILS - TECHNOLOGY	
T-902	DETAILS - TECHNOLOGY	
T-903	DETAILS - TECHNOLOGY	
E-202	LEVEL 2 - FLOOR PLAN - POWER	
E-203	ROOF PLAN - POWER	
E-302	LEVEL 2 - FLOOR PLAN - LIGHTING	
FP-202	LEVEL 2 - RCP - FIRE PROTECTION	
M-203	ROOF PLAN - HVAC	
M-902	DETAILS - HVAC	
P-202	LEVEL 2 - FLOOR PLAN - GRAVITY	
P-203	ROOF PLAN - GRAVITY	
P-302	LEVEL 2 - FLOOR PLAN - PRESSURE	
T-202	LEVEL 2 - FLOOR PLAN - TECHNOLOGY	
00 TITLE		
G-100	COVER CLW	
01 GENERAL		
G-101	DRAWING LEGEND AND BUILDING DATA	
G-102	SHEET INDEX	
G-103	CODE ANALYSIS	
G-104	MOUNTING HEIGHTS	
G-105	UL LISTINGS	
03 LIFE SAFETY		
B-101	LEVEL 1 - LIFE SAFETY PLAN	
B-102	LEVEL 2 - LIFE SAFETY PLAN	
04 CIVIL		
C-1	EXISTING CONDITIONS/ DEMO. AND SOIL EROSION CONTROL PLAN	
C-2	SITE PLAN	
C-3	PAVING, GRADING AND DRAINAGE PLAN	
C-4	UTILITY PLAN	
05 LANDSCAPE		

DRAWING INDEX		
SHEET #	SHEET NAME	PERMIT
L0	TREE INVENTORY/ PRESERVATION PLAN	
L1	LANDSCAPE PLAN	
L2	LANDSCAPE NOTES	
L3	LANDSCAPE DETAILS	
06 DEMO		
AD-100	DEMO SITE PLAN	
07 ARCHITECTURAL		
A-001	SITE PLAN	
A-101	LEVEL 1 - FLOOR PLAN	
A-102	LEVEL 2 - FLOOR PLAN	
A-106	ROOF PLAN	
A-110	EOS PLAN - LEVEL 1	
A-111	EOS PLAN - LEVEL 2	
A-120	LEVEL 1 - DIMENSION PLAN	
A-121	LEVEL 1 - FLOOD VENTS DIMENSION PLAN	
A-122	LEVEL 2 - DIMENSION PLAN	
A-123	HIGH PLAN - DIMENSION PLAN	
A-124	ROOF - DIMENSION PLAN	
A-201	LEVEL 1 - RCP	
A-202	LEVEL 2 - RCP	
A-203	LEVEL 2 - HIGH RCP	
A-300	EXTERIOR ELEVATIONS	
A-301	EXTERIOR ELEVATIONS	
A-302	EXTERIOR ELEVATIONS	
A-303	EXTERIOR ELEVATIONS	
A-310	BUILDING SECTIONS	
A-311	BUILDING SECTIONS	
A-312	BUILDING SECTIONS	
A-313	BUILDING SECTIONS	
A-400	ENLARGED WATER CLOSET PLANS AND ELEVATIONS	
A-410	ENLARGED PLANS AND ELEVATIONS	
A-411	ENLARGED PLANS AND ELEVATIONS	
A-412	ENLARGED PLANS AND ELEVATIONS	
A-413	ENLARGED PLANS AND ELEVATIONS	
A-414	ENLARGED PLANS AND ELEVATIONS	
A-415	ENLARGED PLANS AND ELEVATIONS	
A-420	MILLWORK SECTIONS	
A-421	MILLWORK SECTIONS	
A-500	INTERIOR ELEVATIONS	
A-501	INTERIOR ELEVATIONS	
A-600	STAIR PLAN & SECTIONS	
A-601	STAIR PLAN & SECTIONS	
A-602	STAIR PLAN & SECTIONS	
A-603	STAIR PLAN & SECTIONS	
A-604	STAIR PLANS & SECTIONS	
A-605	LADDER SECTIONS	
A-607	STAIR DETAILS	
A-620	CEILING DETAILS	
A-621	CEILING DETAILS	
A-702	WALL SECTIONS	
A-720	BREAKAWAY WALLS PLAN DETAILS	
A-721	ENCLOSURE DETAILS	
A-722	ENCLOSURE DETAILS	
A-724	ENCLOSURE DETAILS	
A-725	ENCLOSURE DETAILS	
A-800	PARTITION TYPES	
A-801	PARTITION TYPES	
A-802	PARTITION TYPES	
A-803	PARTITION DETAILS	
A-810	DOOR SCHEDULES	
A-812	DOOR DETAILS	
A-813	DOOR DETAILS	
A-830	EXTERIOR STOREFRONT & LOUVER ELEVATIONS	
A-831	INTERIOR STOREFRONT ELEVATIONS	
A-832	STOREFRONT AND LOUVER DETAILS	
08 INTERIOR		
ID-101	LEVEL 1 - FINISH PLAN	
ID-102	LEVEL 2 - FINISH PLAN	
ID-201	LEVEL 1 - FURNITURE PLAN	
ID-202	LEVEL 2 FURNITURE PLAN	
ID-401	INTERIOR DETAILS	
ID-402	INTERIOR DETAILS	

PRELIMINARY NOT FOR CONSTRUCTION

RECORD DRAWINGS		60% CD SET		3/22/2021
SURVEYED BY:	DRAWN BY:			
REVIEWED BY:				
APPROVED BY:	PROJECT ENGINEER	DATE		
		DATE	REVISION	BY DATE

CITY OF CLEARWATER, FLORIDA  
ENGINEERING DEPARTMENT  
100 S. MYRTLE AVE.  
CLEARWATER, FL 331756

CLEARWATER FIRE STATION #46

DWG NAME: SHEET INDEX	FIELD BOOK: XXXXXX	SURVEYED BY: XXXXXX	SCALE:
CONTRACT NO.: XXXXXX	DATE DRAWN: XXXXXX	DRAWN BY: Author	
JOB NO.: 18-0028-FD	DESIGNED BY:	CHECKED BY: Checker	SHEET NO.: <b>G-102</b>
APPROVED BY Approver		DATE	



SCOPE OF WORK			
THIS SET OF DOCUMENTS DESCRIBES A NEW 11,468 G.S.F. FIRE STATION INCLUDING: EXTERIOR AND INTERIOR FINISHES, ELECTRICAL SYSTEMS, MECHANICAL SYSTEMS, FIRE PROTECTION, AND PLUMBING. SITE WORK INCLUDES NEW SIDEWALKS, ASPHALT, CONCRETE DRIVEWAY, PARKING, DRAINAGE AND LANDSCAPE IMPROVEMENTS INCLUDING IRRIGATION. THE STRUCTURE IS COMPOSED OF BREAKAWAY CONCRETE SLABS ON PILES, STRUCTURAL BRICK WALLS, STUCCO ON CONCRETE MASONRY UNIT WALLS, INTERIOR METAL STUD FRAMING, BREAKAWAY WALLS, AND TPO ROOFING ON STEEL ROOF JOISTS OVER METAL DECK.			
ABBREVIATIONS			
N/A	NOT APPLICABLE AS PART OF THIS PROJECT		
AGP	ABOVE GRADE PLAN - STORY		
FDVA	FIRE DEPARTMENT VEHICLE ACCESS		
FSD	FIRE SEPARATION DISTANCE		
AHJ	AUTHORITY HAVING JURISDICTION		
OL	OCCUPANT LOAD		
APPLICABLE CODES			
2020	( A )	FLORIDA BUILDING CODE - BUILDING, 7TH EDITION	
2020	( C )	FLORIDA BUILDING CODE - ACCESSIBILITY, 6TH EDITION	
2020	( D )	FLORIDA BUILDING CODE - PLUMBING, 6TH EDITION	
2020	( E )	FLORIDA BUILDING CODE - ENERGY, 6TH EDITION	
2020	( F )	FLORIDA FIRE PREVENTION CODE, 6TH EDITION	
2020	( G )	FLORIDA FIRE PREVENTION CODE - LIFE SAFETY, 6TH EDITION	
2020	( H )	FLORIDA BUILDING CODE - MECHANICAL, 6TH EDITION	
2020	( J )	NATIONAL ELECTRICAL CODE	
2020	( K )	FLORIDA BUILDING CODE - FUEL GAS, 6TH EDITION	
ALTERATION LEVEL - (B) CH. 5			
N/A			
THRESHOLD BUILDING - (A) CH. 202			
N/A			
HIGH RISE BUILDING - (A) CH. 403			
N/A			
USE AND OCCUPANCY CLASSIFICATION - (A) CH. 3; (F) CH. 6 ; (G) CH. 26 & 42			
OCCUPANCY:		R-2/ S-2 MIXED USE - NON-SEPARATED	
* EXCEPTIONS HERE			
1. (A) 508.3.3 EXCEPTION 2 GROUP R-2 SLEEPING UNITS SHALL BE SEPARATED FROM OTHER SLEEPING UNITS AND FROM OTHER OCCUPANCIES CONTIGUOUS TO THEM IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 420.			
2. TABLE (A) 509 - BIO HAZARD LAUNDRY OVER 100 SQ. FT. SHALL HAVE AUTOMATIC FIRE SPRINKLER SYSTEM			
SPECIAL DETAILED REQUIREMENTS BASED ON USE & OCCUPANCY - (A) CH. 4			
(A) 406.6 - ENCLOSED PARKING GARAGE			
(A) 420.2 - WALL SEPARATION AT SLEEPING UNITS			
(A) 420.6 - FIRE ALARM AND SMOKE ALARM			
TYPES OF CONSTRUCTION - (A) CH. 6			
OCCUPANCY	CONST. TYPE	FIRE-RESISTANCE RATING FOR BUILDING ELEMENTS (TABLE 601)	TYPE 2-B
R2 / S2	2-B	PRIMARY STRUCTURAL FRAME	0
		BEARING WALLS EXTERIOR	0
		BEARING WALLS INTERIOR	0
		NONBEARING WALLS AND PARTITIONS EXTERIOR	0
		NONBEARING WALLS AND PARTITIONS INTERIOR	0
		FLOOR CONSTRUCTION AND SECONDARY MEMBERS	0
		ROOF CONSTRUCTION AND SECONDARY MEMBERS	0
FIRE-RESISTANCE OF EXTERIOR WALLS - (A) TABLE 602			
	R-2	S-2	
X > 30'	0	0	
COLUMN PROTECTION - (A) CH. 704.2 : NA			
PROTECTION OF THE PRIMARY STRUCTURAL FRAME OTHER THAN COLUMNS - (A) CH. 704.3 :		NA	
EXTERIOR STRUCTURAL MEMBERS - (A) CH. 704.10:		NA	
GENERAL BUILDING HEIGHTS AND AREAS - (A) CH. 5			
ALLOWABLE HEIGHT, STORIES, AND AREA :		2B, SPRINKLERED	
OCCUPANCY	HEIGHT (FT) (A) TABLE 504.3	STORY (A) TABLE 504.4	AREA (SF) (A) 506.2
R-2	75'	5	64,000
S-2	75'	4	104,000
ACTUAL HEIGHT, STORIES AND AREA			
OCCUPANCY	HEIGHT (FT)	STORY	AREA (SF)
R-2	18' 9"	2	5,058
S-2	18' 9"	2	5,821

PRELIMINARY NOT FOR CONSTRUCTION

RECORD DRAWINGS		60% CD SET		3/22/2021
SURVEYED BY:	DRAWN BY:			
REVIEWED BY:				
APPROVED BY:	PROJECT ENGINEER	DATE		
		DATE	REVISION	BY DATE

FIRE AND SMOKE PROTECTION FEATURES - (A) CH. 7				
EXTERIOR WALLS - (A) CH. 705				
	PROJECTIONS: SHALL NOT EXTEND CLOSER TO FSD THAN (A) TABLE 705.2: NA			
	FIRE-RESISTANCE RATINGS - (A) CH. 705.5: NA			
MAXIMUM AREA OF EXTERIOR WALL OPENINGS BASED ON FIRE SEPARATION DISTANCE (A) TABLE 705.8:				
	GREATER THAN 30' - NO LIMIT			
VERTICAL SEPARATION OF OPENINGS (A) CH. 705.8.5:		NA		
FIRE WALLS (A) CH. 706:		NA		
FIRE BARRIERS (A) CH. 707, (G) 8.3:		1 HR		
FIRE PARTITIONS (A) CH. 708:		1/2 HR AT SLEEPING UNITS		
SMOKE BARRIERS (A) CH. 709, (G) 8.5:		NA		
SMOKE PARTITIONS (A) CH. 710, (G) 8.4:		REQUIRED MET BY PROVIDING SMOKE PARTITIONS AT SLEEPING UNITS		
FLOOR AND ROOF ASSEMBLIES (A) CH. 711:		1 HR		
VERTICAL OPENINGS (A) CH. 712, (G) 8.6:		1 HR		
FIRE-RESISTANCE RATING OF SHAFTS (A) CH. 713, (G) 8.6.4:		1 HR		
ELEVATOR LOBBIES (A) CH. 30:		NA		
CONCEALED SPACES (A) CH. 718:		NA		
	FIREBLOCKING (A) CH. 718.2: NA			
	DRAFTSTOPPING IN FLOORS (A) CH. 718.3:			
	718.3.3 EXCEPTION - NOT REQUIRED IF BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM			
	DRAFTSTOPPING IN ATTICS (A) CH. 718.4:			
	718.4.3 EXCEPTION - NOT REQUIRED IF BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM			
FIRE AREAS (A) CH. 707.3.10: NA				
INTERIOR FINISHES - (A) CH. 8 ; (G) CH. 26, 42				
INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY (TABLE 803.11)				
	OCCUPANCY	EXITING ELEMENTS	CORRIDORS	ROOM & ENCLOSED SPACES
	R-2	C	C	C
	S-2	C	C	C
FIRE PROTECTION SYSTEMS - (A) CH. 9 ; (B) CH. 704, 804, 904; (G) 26, 42				
AUTOMATIC SPRINKLER SYSTEMS (A) CH. 903				
	903.2.8 AUTOMATIC SPRINKLER SYSTEMS REQUIRED IN R OCCUPANCY			
	SPRINKLER SHALL BE INSTALLED THROUGHOUT IN ACCORDANCE TO NFPA 13 (A) 903.2.10.1			
PORTABLE FIRE EXTINGUISHERS - WHERE REQUIRED (A) 906.3.1 (G 6.2.2)				
	R-2 - CLASS A, ORDINARY HAZARD			
	S-2 - CLASS A, ORDINARY HAZARD			
CLASS A, ORDINARY HAZARD FIRE EXTINGUISHER REQUIREMENTS (A) 906.1				
	RATED: 2-A			
	MAX. FLOOR AREA PER UNIT OF A = 1,500 SF			
	MAX. FLOOR AREA FOR EXTINGUISHER = 11,250 SF			
	MAX. TRAVEL DISTANCE = 75 FT			
FIRE ALARM AND DETECTION SYSTEMS - WHERE REQUIRED (A) 907.2				
(A) 907.2.9	GROUP R-2 FIRE ALARM SYSTEMS AND SMOKE ALARMS SHALL BE INSTALLED IN GROUP R-2 OCCUPANCIES AS REQUIRED IN SECTIONS 907.2.9.1 THROUGH 907.2.9.3			
(A) 907.2.9.11.2	INSTALLED NEAR COOKING APPLIANCES			
MEANS OF EGRESS - (A) CH. 10; (G) TABLE 7.3.1.2				
OCCUPANT LOAD (A) TABLE 1004.1.2: SEE LIFE SAFETY SHEET FOR FLOOR PLAN SHOWING OCCUPANT LOADS FOR EACH ROOM.				
MEANS OF EGRESS SIZING (A) CH. 1005: 0.3" x OL FOR STAIRS AND 0.2" x OL FOR OTHER EGRESS COMPONENTS. SEE LIFE SAFETY SHEET FOR FLOOR PLAN SHOWING STAIRS AND EGRESS COMPONENTS AND WIDTH REQUIRED AND WIDTH PROVIDED.				
MAXIMUM COMMON PATH OF EGRESS TRAVEL DISTANCE (A) TABLE 1006.2.1 ; (G) 26.2, 42.2				
	R-2	125' (WITH SPRINKLER SYSTEM)		
	S-2	100' (WITH SPRINKLER SYSTEM)		
ACCESSIBLE MEANS OF EGRESS (A) CH. 1009 (C) 206.2.4				
	NEED (1) ACCESSIBLE MEANS OF EGRESS/ SPACE MIN. OR (2) WHEN TWO EXITS ARE REQUIRED.			
EXIT TRAVEL DISTANCE (A) TABLE 1017.2 ; (G) 26.2.6 - 42.2.6				
	R-2	250' (WITH SPRINKLER SYSTEM)		
	S-2	400' (WITH SPRINKLER SYSTEM)		
CORRIDOR FIRE-RESISTANCE RATING (A) TABLE 1020.1				
	R-2	OL > 10 = 1/2 HR. (WITH SPRINKLER SYSTEM)		
	S-2	OL > 30 = 0 HR. (WITH SPRINKLER SYSTEM)		
MINIMUM CORRIDOR WIDTH (A) TABLE 1020.1				
	ANY FACILITIES NOT LISTED BELOW - 44"			

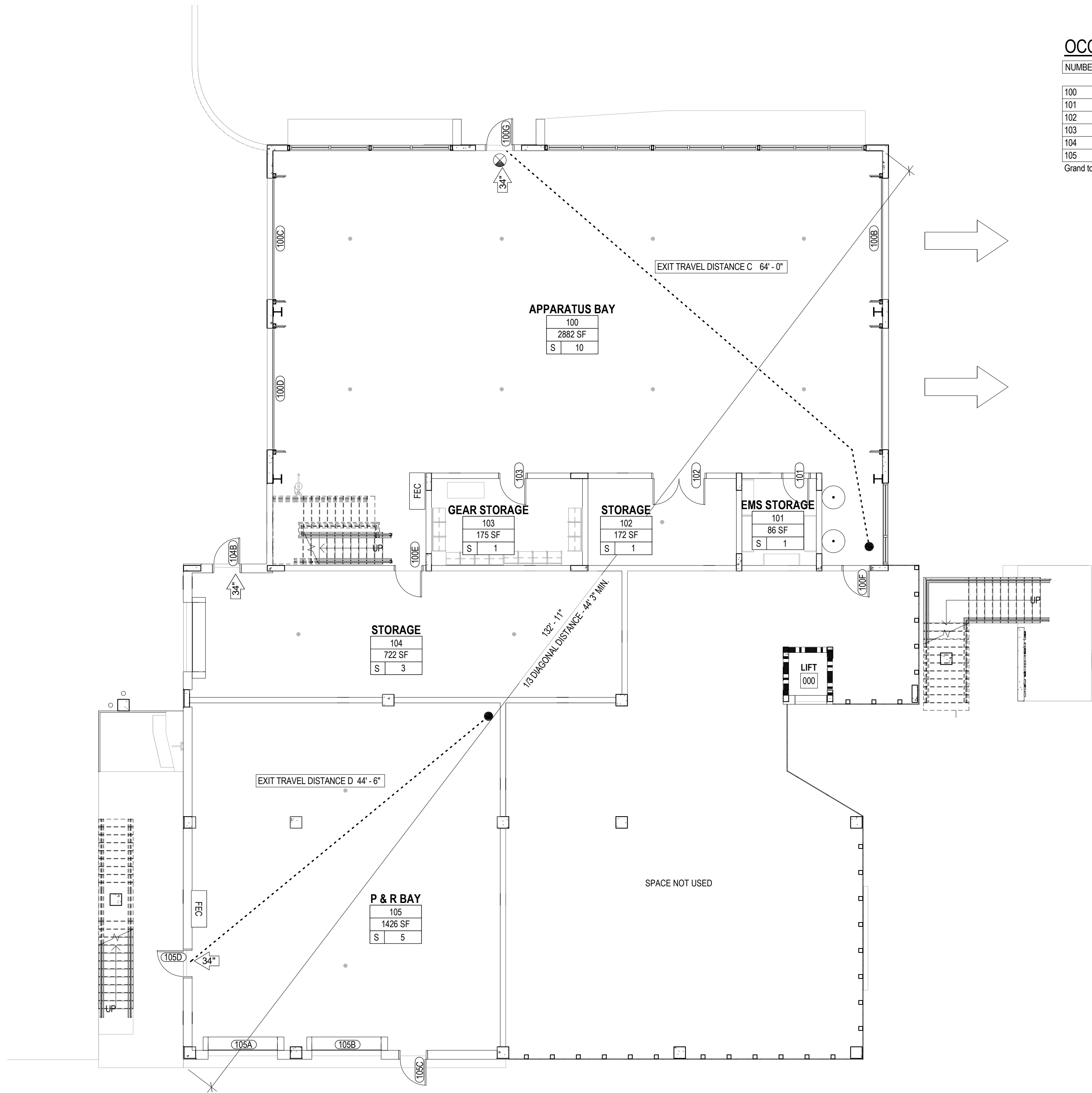
CITY OF CLEARWATER, FLORIDA  
ENGINEERING DEPARTMENT  
100 S. MYRTLE AVE.  
CLEARWATER, FL 331756

CLEARWATER FIRE STATION #46

MEANS OF EGRESS - (A) CH. 10		
DEAD END TRAVEL DISTANCE (A) CH. 1020.4 : (G) 26.2 - 42.2		
	R-2	50' (WITH SPRINKLER SYSTEM)
	S-2	50' (WITH SPRINKLER SYSTEM)
ACCESSIBILITY (C)		
SCOPING REQUIREMENTS (C) CH. 2		
	FACILITY AND SITE REQUIRED TO BE ACCESSIBLE	
ACCESSIBLE ROUTE (C) CH. 206		
	206.2.1 SITE ARRIVAL POINTS: 1 REQUIRED	
	206.2.2 CONNECTED SPACES: ALL SPACES ARE REQUIRED TO BE ACCESSIBLE AND CONNECTED BY AN ACCESSIBLE ROUTE	
ACCESSIBLE ENTRANCES (C) CH. 206.4		
	206.4.1 PUBLIC ENTRANCES: AT LEAST 60% OF ALL PUBLIC ENTRANCES SHALL BE ACCESSIBLE	
OTHER FEATURES AND FACILITIES (C) CH. 213		
	213.2 TOILET AND BATHING FACILITIES: ONE TYPE OF EACH FIXTURE, ELEMENT, CONTROL OR DISPENSER SHALL BE ACCESSIBLE	
	213.3.1 WATER CLOSET COMPARTMENT: ONE WC MUST BE ACCESSIBLE. IF WC + URINALS > 6, PROVIDE ONE AMBULATORY ACCESS WC	
	213.3.4 LAVATORIES: AT LEAST 5%, BUT NOT LESS THAN ONE SHALL BE ACCESSIBLE	
	212 KITCHENS AND KITCHENETTES: SHALL BE ACCESSIBLE	

DWG NAME: CODE ANALYSIS	FIELD BOOK: XXXXXX	SURVEYED BY: XXXXXX	SCALE: 12" = 1'-0"
CONTRACT NO.: XXXXXX	DATE DRAWN: XXXXXX	DRAWN BY: Author	
JOB NO.: 18-0028-FD	DESIGNED BY:	CHECKED BY: Checker	SHEET NO.: <b>G-103</b>
APPROVED BY Approver			
DATE			





EGRESS WIDTH - LEVEL 1

PER SECTION 1005, FBC, BUILDING			
OCCUPANT LOAD	DOOR (INCHES PER OCCUPANT)	DOOR	
		DOOR WIDTH REQUIRED (INCHES)	DOOR WIDTH PROVIDED (INCHES)
18	0.2	36	170

OCCUPANCY COUNT- LEVEL 1

NUMBER	ROOM NAME	AREA	OCCUPANCY TYPE	SQFT PER PERSON	OCCUPANT TOTAL
100	APPARATUS BAY	2882 SF	S	300	10
101	EMS STORAGE	86 SF	S	300	0
102	STORAGE	172 SF	S	300	1
103	GEAR STORAGE	175 SF	S	300	1
104	STORAGE	722 SF	S	300	2
105	P & R BAY	1426 SF	S	300	5
Grand total: 6				5464 SF	18

LIFE SAFETY GENERAL NOTES

1. REFER CODE ANALYSIS SHEET G-103 FOR INTERIOR FINISH FLAME SPREAD RATING CLASSIFICATION.

2. VERIFY LOCATIONS FOR FIRE ALARM PULL STATIONS, FIRE ALARM ANNUNCIATOR PANEL, FIRE ALARM REMOTE CONTROL PANEL, EMERGENCY LIGHTING, STROBES AND AUDIBLE ALERTS.

3. INSTALL FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 10 BY A LICENSED FIRE EQUIPMENT DEALER. INSPECT, TAG, AND MOUNT ALL FIRE EXTINGUISHERS. SEE LOCATION IN PLAN.

4. ALL PANIC AND FIRE EXIT HARDWARE TO BE COMPLIANT WITH FBC SECTION 1008.1.10.

5. ALL ACCESS-CONTROLLED EGRESS DOORS TO BE COMPLIANT WITH FBC SECTION 100.1.4.4.

6. THRESHOLDS FOR ALL EXTERIOR DOORS CANNOT EXCEED 1/4" IN HEIGHT.

7. FINAL EXIT SIGNS AND EMERGENCY LIGHTING LOCATIONS ARE SUBJECT TO THE APPROVAL OF THE GOVERNING JURISDICTION. REFER SHEET G-104 FOR MOUNTING HEIGHTS U.N.O. BY FIRE MARSHAL. APPLICABLE SIGNAGE SHALL BE PROVIDED BY CONTRACTOR AND COORDINATE WITH OTHER BUILDING SIGNAGE. REFER TO FBC SECTION 1013.4 FOR RAISED CHARACTER AND BRAILLE EXIT SIGNS REQUIREMENT.
9. IF GOVERNING JURISDICTION RELOCATES ELEMENTS FROM ARCHITECTURAL SPECIFICATION, INFORM ARCHITECT, OWNER, AND AHJ PRIOR TO INSTALLATION. FIELD REVISED INFORMATION MUST BE INCLUDED IN "AS BUILT" DOCUMENTATION.

10. EMERGENCY FIXTURES SHALL BE TIED TO GENERATOR W/ TEST DOCUMENTATION PROVIDED TO ARCHITECT PRIOR TO SUBSTANTIAL COMPLETION.

11. FIRE DIVISIONS SHALL BE CONTINUOUS THROUGH ANY CONCEALED SPACE IN FLOOR OR ROOF CONSTRUCTIONS.

12. CONCEALED SPACES WITHIN PARTITIONS, WALLS, FLOORS, ROOFS, STAIRS, FURRED PIPE SPACES, COLUMN ENCLOSURES, ETC. SHALL BE FIRESTOPPED.

13. PATCH ALL FIREPROOFING DAMAGED DURING CONSTRUCTION. RESTORE INTEGRITY OF FIREPROOFING AS REQUIRED BY BUILDING AND FIRE CODES AS REQUIRED BY GOVERNING AUTHORITIES.

14. ALL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES SHALL BE SEALED AS REQUIRED BY BUILDING AND FIRE CODES AND AS BY GOVERNING AUTHORITIES.

15. SEE FIRE PROTECTION DRAWINGS AND SPECIFICATIONS FOR SPRINKLER LAYOUT.

LIFE SAFETY PLAN LEGEND

- \*COORDINATE ITEMS W/ ELECTRICAL AS REQUIRED
- ILLUMINATED (DIRECTIONAL) EXIT SIGN

FACP

X-FEC

OL

(1001X)

(1001X)

(S)

-S-S-S-

1-HR FIRE SEPARATION
- F

F

X

(H)

KNOX

X
- 200-

TOTAL EXIT ACCESS TRAVEL DISTANCE (FEET)

-100-

TOTAL COMMON PATH OF TRAVEL (FEET)

ROOM TAG

Room name		
101	←	ROOM NUMBER
150 SF	←	ROOM AREA
B XX	←	OCCUPANCY TYPE   OCCUPANT COUNT

1 LEVEL 1 - LIFE SAFETY PLAN  
1/8" = 1'-0"

PRELIMINARY NOT FOR CONSTRUCTION

RECORD DRAWINGS		60% CD SET		3/22/2021
SURVEYED BY:	DRAWN BY:			
REVIEWED BY:				
APPROVED BY:	PROJECT ENGINEER	DATE		
		DATE	REVISION	BY DATE

CITY OF CLEARWATER, FLORIDA  
ENGINEERING DEPARTMENT  
100 S. MYRTLE AVE.  
CLEARWATER, FL 331756

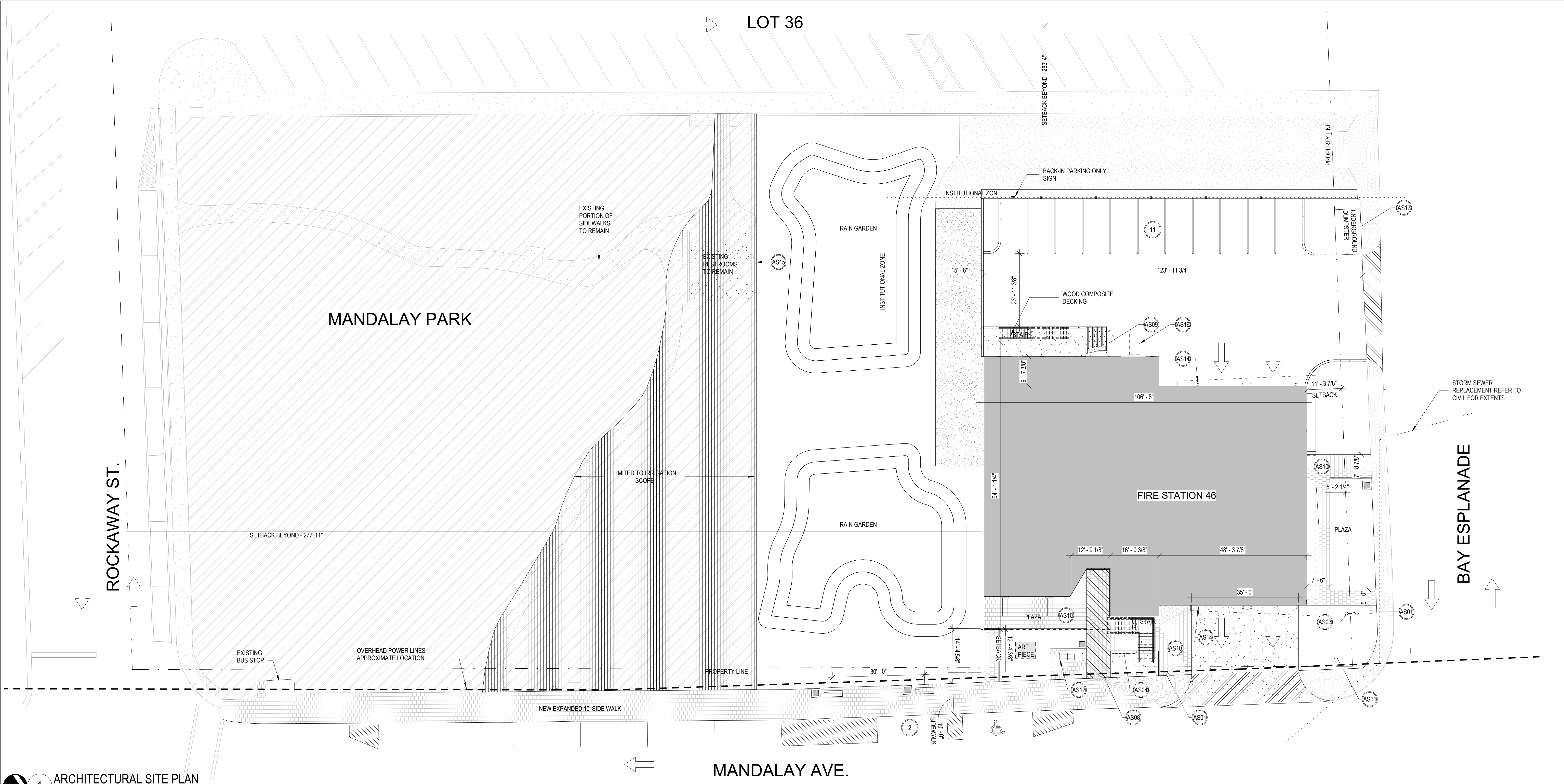
CLEARWATER FIRE STATION #46

DWG NAME: LEVEL 1 - LIFE SAFETY PLAN	FIELD BOOK: XXXXXX	SURVEYED BY: XXXXXX	SCALE: 1/8" = 1'-0"
CONTRACT NO.: XXXXXXX	DATE DRAWN: XXXX/XXXX/XXXX	DRAWN BY: Author	
JOB NO.: 18-0028-FD	DESIGNED BY: Designer	CHECKED BY: Checker	SHEET NO.: B-101
APPROVED BY: Approver			DATE









1 ARCHITECTURAL SITE PLAN  
1/16" = 1'-0"

SPECIFIC KEYNOTES - SITE	
NUMBER	TEXT
A229	LIMESTONE PAVERS, REFER TO CIVIL
AS01	EXISTING UTILITY POLE
AS02	RIGHT OF WAY SETBACK
AS03	EXISTING FLAG POLE
AS04	MONUMENT SIGN
AS05	GENERATOR YARD
AS06	TRASH ENCLOSURE
AS07	FIRE HYDRANT
AS08	EXISTING OVERHEAD POWER LINES, APPROXIMATE LOCATION
AS09	BUILT-IN STINGRAY STATION
AS10	LIMESTONE PAVERS
AS11	TRAFFIC SIGNAL LOCATION
AS12	129313 (3) POWDER COATED BICYCLE STALLS
AS13	354913.16 MASONRY FLOODWALL
AS14	034813 PAINTED 8" CONCRETE BOLLARDS
AS15	PROTECT EXISTING STRUCTURE TO REMAIN
AS16	GREASE INTERCEPTOR, REFER TO PLUMBING
AS17	323323 UNDERGROUND TRASH AND RECYCLE BIN, BY OTHERS

SITE PLAN LEGEND

● X-X" AFF	FINISH FLOOR LEVEL AT BUILDING ENTRY POINT	○ UTILITY POLE	
	FIRE DEPARTMENT CONNECTION		EXISTING FLAGPOLE TO REMAIN
	NUMBER OF PARKING SPACES		AREA N.I.C.
---	PROPERTY LINE		LIMITED TO IRRIGATION SCOPE
- - - -	SETBACK		CONCRETE
- · - · -	APPROX. ZONING LINE FROM CITY GIS		ACCESSIBLE ROUTE
○	LIGHT BOLLARD		PAVERS
	TRASH RECEPTACLE		SHELL
	BENCH		

PARKING COUNT:

USE	STANDARD OF MEASUREMENT	TOTAL REQUIRED	S.P. PROVIDED	H.C. PROVIDED	TOTAL PROVIDED	BICYCLE REQUIRED	BICYCLE PROVIDED
FIRE STATION (5,068sf)	4 PER 1000 SF GFA	21	12	1	13	NA	12

\*1 SP AND 1 HC SPACE ARE LOCATED ON MADALAY AVE.  
\*\*REQUESTING FLEXIBLE DEVELOPMENT LEVEL II - COMPREHENSIVE INFILL REDEVELOPMENT PROJECT

ZONING LEGEND

*ZONING DISTRICT: INSTITUTIONAL DISTRICT (I) *FUTURE LAND USE MAP: INSTITUTIONAL (I)			
FEMA FLOOD ZONE: FLOOD ZONE VE 13 & AE 11, 12 (BASED ON SURVEY) BASE FLOOD ELEVATION (BFE): 12' (+ 2' FREE BOARD) DESIGN FLOOD ELEVATION (DFE): 14'			
GROSS LOT AREA: GROSS I-ZONE AREA: BUILDING FOOTPRINT: BUILDING GSF BUILDING GSF (CONDITIONED) MAX F.A.R. MAX F.A.R. (CONDITIONED) MAX I.S.R.		155,101 S.F. (3.561 ACRES) 22,614 S.F. 7,971 S.F. 11,468 S.F. 5,068 S.F. .65 ALLOWED/ .507 PROPOSED (11,468 S.F.) .65 ALLOWED/ .224 PROPOSED (5,115 S.F.) .85 ALLOWED/ .773 PROPOSED (17,471 S.F.)	
**BUILDING HEIGHT (FROM DFE):		50' ALLOWED/ 18' 9" PROPOSED	
***BUILDING SETBACKS:		INSTITUTIONAL	BEACH BY DESIGN
FRONT YARD (EAST)		25' REQUIRED	0' REQUIRED (80% FRONTAGE)
FRONT YARD (NORTH)		25' REQUIRED	15' REQUIRED (FLD 10' REDUCTION)
SIDE YARD (WEST)		10' REQUIRED	10' REQUIRED
SIDE YARD (SOUTH)		10' REQUIRED	10' REQUIRED
			PROPOSED
			12' 4"
			11' 4"
			283' 4"
			277' 11"

PRELIMINARY NOT FOR CONSTRUCTION

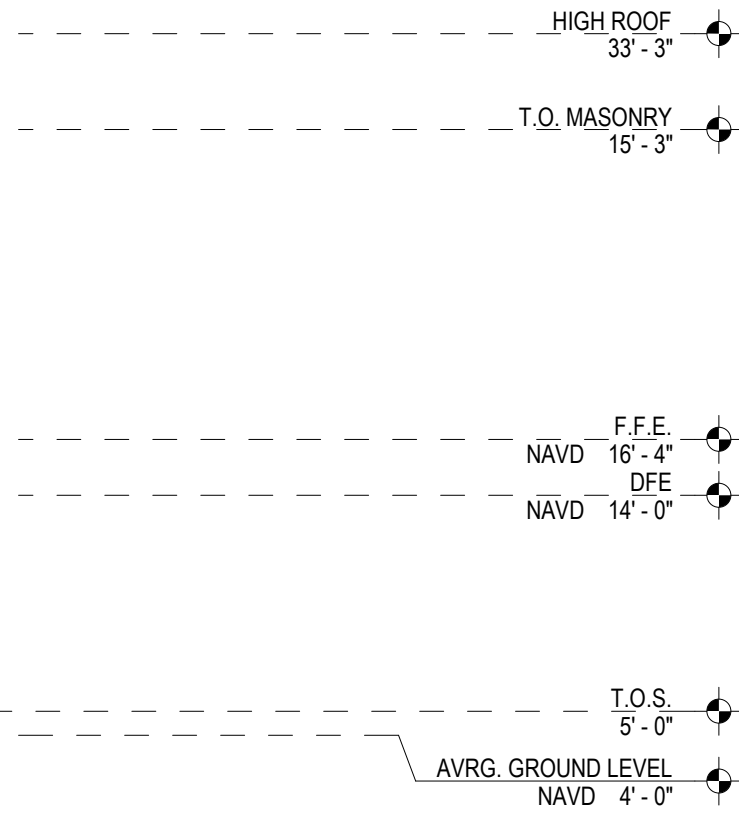
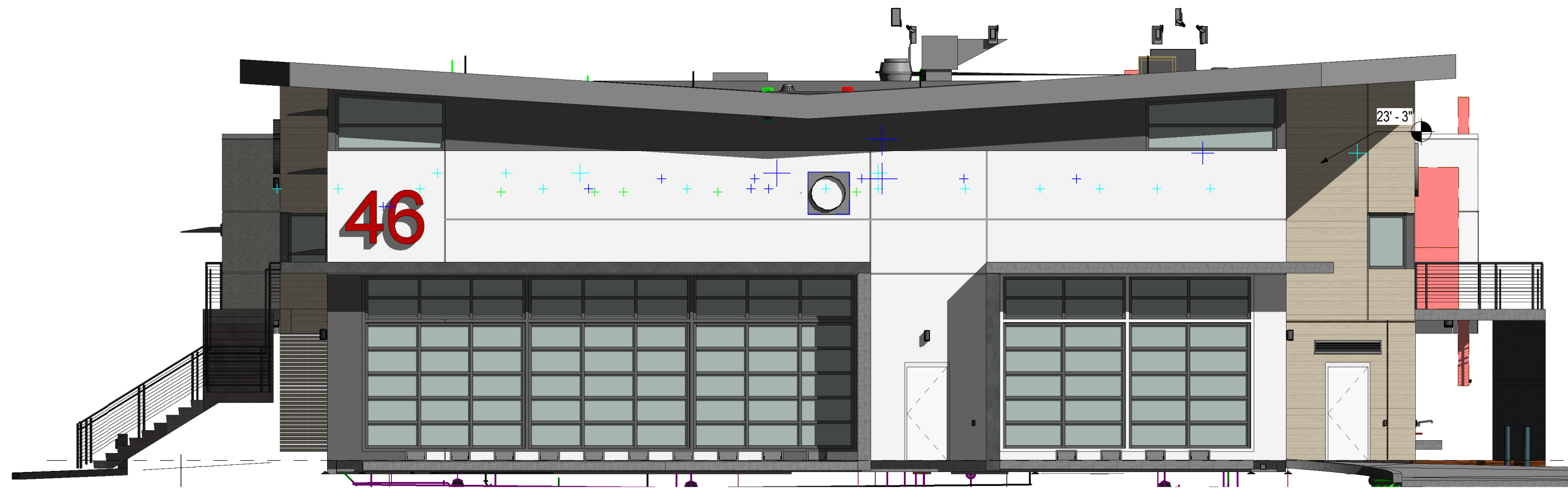
RECORD DRAWINGS		60% CD SET	3/22/2021
SURVEYED BY:	DRAWN BY:		
REVIEWED BY:			
APPROVED BY:	PROJECT ENGINEER	DATE	
		DATE	
	REVISION	BY	DATE

CITY OF CLEARWATER, FLORIDA  
ENGINEERING DEPARTMENT  
100 S. MYRTLE AVE.  
CLEARWATER, FL 331756

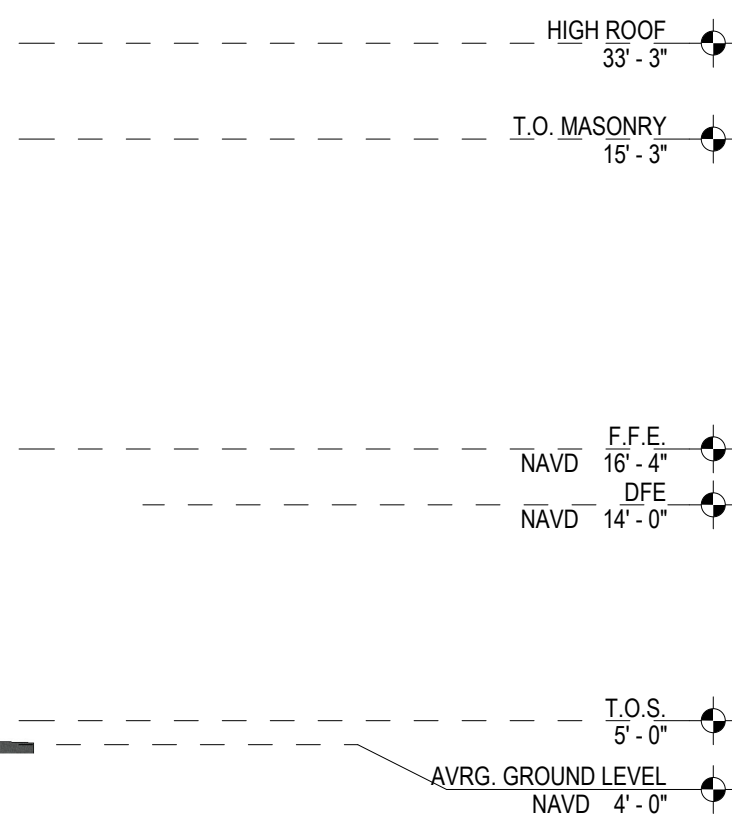
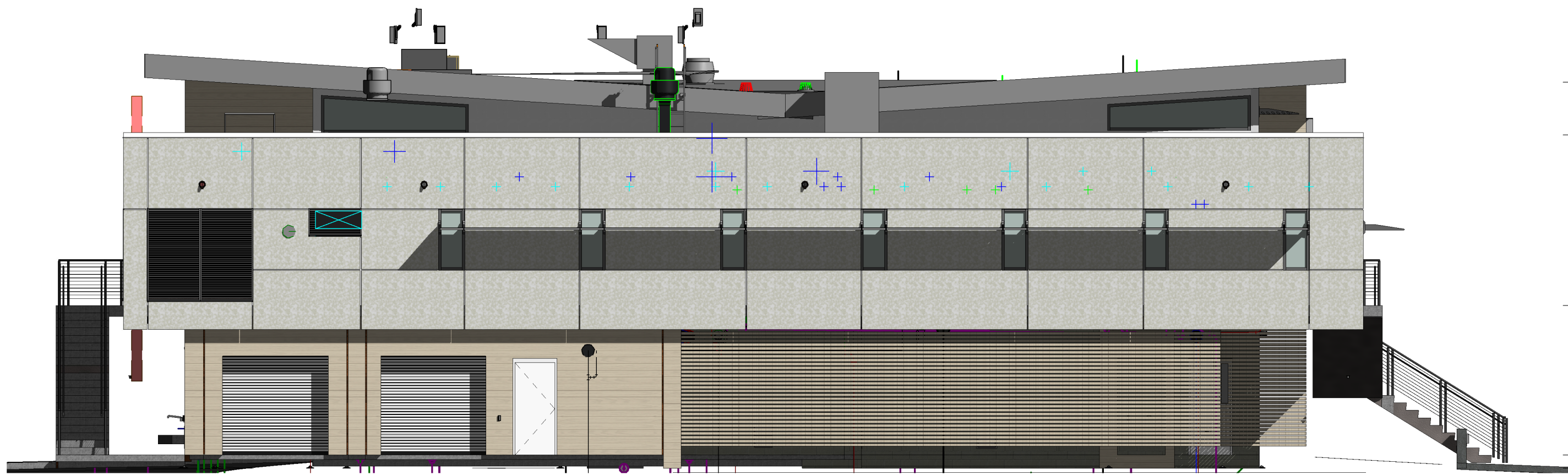
CLEARWATER FIRE STATION #46

DWG NAME: SITE PLAN	FIELD BOOK: XXXXXX	SURVEYED BY: XXXXXX	SCALE: As indicated
CONTRACT NO.: XXXXXX	DATE DRAWN: XXXXXX	DRAWN BY: Author	
JOB NO.: 18-0028-FD	DESIGNED BY: Designer	CHECKED BY: Checker	SHEET NO.: <b>A-001</b>
APPROVED BY Approver		DATE	





1 NORTH ELEVATION - COLOR  
1/8" = 1'-0"



2 SOUTH ELEVATION - COLOR  
1/8" = 1'-0"

PRELIMINARY NOT FOR CONSTRUCTION

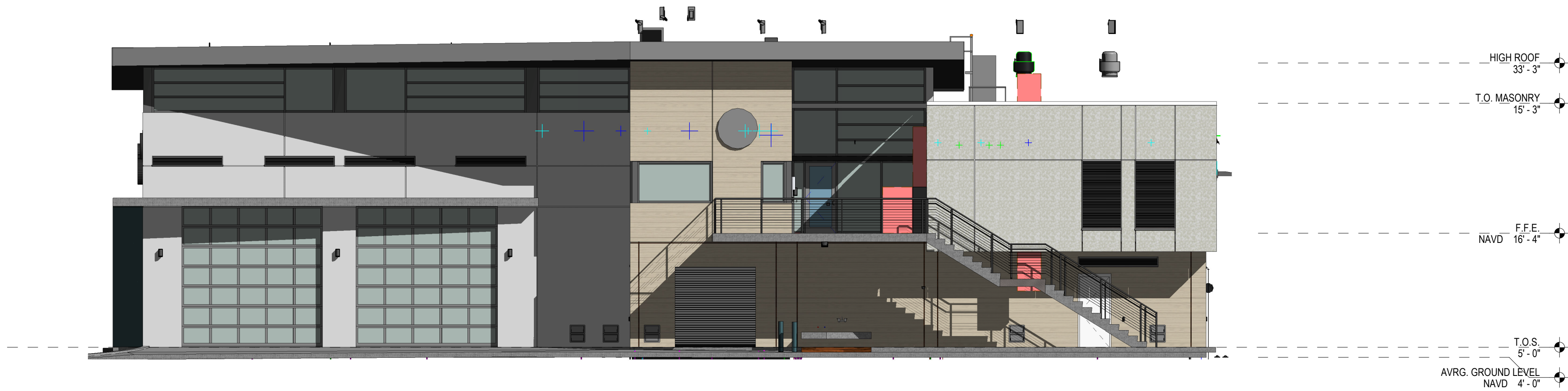
RECORD DRAWINGS		60% CD SET		3/22/2021
SURVEYED BY:	DRAWN BY:			
REVIEWED BY:				
APPROVED BY:	PROJECT ENGINEER	DATE		
		DATE	REVISION	BY DATE

CITY OF CLEARWATER, FLORIDA ENGINEERING DEPARTMENT 100 S. MYRTLE AVE. CLEARWATER, FL 331756		CLEARWATER FIRE STATION #46		DWG NAME: EXTERIOR ELEVATIONS	FIELD BOOK: XXXXXX	SURVEYED BY: XXXXXX	SCALE: 1/8" = 1'-0"
				CONTRACT NO.:	DATE DRAWN:	DRAWN BY:	
				XXXXXX	XXXXXX	Author	
				JOB NO.:	DESIGNED BY:	CHECKED BY:	SHEET NO.:
				18-0028-FD	DESIGNER	Checker	A-302
				APPROVED BY		Approver	
						DATE	





1 EAST ELEVATION - COLOR  
1/8" = 1'-0"



2 WEST ELEVATION - COLOR  
1/8" = 1'-0"

PRELIMINARY NOT FOR CONSTRUCTION

RECORD DRAWINGS		60% CD SET		3/22/2021
SURVEYED BY:	DRAWN BY:			
REVIEWED BY:				
	PROJECT ENGINEER	DATE		
APPROVED BY:				
	DATE	REVISION	BY	DATE

CITY OF CLEARWATER, FLORIDA  
ENGINEERING DEPARTMENT  
100 S. MYRTLE AVE.  
CLEARWATER, FL 331756

CLEARWATER FIRE STATION #46

DWG NAME: EXTERIOR ELEVATIONS	FIELD BOOK: XXXXXX	SURVEYED BY: XXXXXX	SCALE: 1/8" = 1'-0"
CONTRACT NO.: XXXXXXXX	DATE DRAWN: XXXX/XXXX	DRAWN BY: Author	
JOB NO.: 18-0028-FD	DESIGNED BY: Designer	CHECKED BY: Checker	SHEET NO.: <b>A-303</b>
APPROVED BY Approver		DATE	