



# CITY OF NORTH LAUDERDALE FIRE STATION 44

## STRUCTURAL HARDENING WIND MITIGATION PROJECT

**BID SET  
MAR.-24-20**

### GENERAL NOTES

- CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SITE & VERIFY ALL EXISTING UTILITY SERVICE LOCATIONS IN ALL AREAS INCLUDED IN THE SCOPE OF WORK PRIOR TO COMMENCING CONSTRUCTION.
- ANY EXISTING ITEMS THAT ARE DISTURBED, DAMAGED OR REMOVED DURING CONSTRUCTION SHALL BE REPLACED WITH NEW OR REPAIRED TO THE OWNERS SATISFACTION AND LIKE NEW CONDITION.
- DO NOT DISTURB ANY STRUCTURAL COMPONENTS OF EXISTING BUILDINGS WITHOUT PRIOR WRITTEN APPROVAL BY ARCHITECT.
- DO NOT DISTURB ANY EXISTING UTILITIES, UNLESS SPECIFICALLY STATED ON PLANS, WITHOUT PRIOR WRITTEN APPROVAL BY ARCHITECT.
- CONTRACTOR SHALL USE ALL POSSIBLE CARE TO PROTECT ALL EXISTING MATERIALS, SURFACES, AND FURNISHINGS FROM DAMAGE DURING ALL PHASES OF CONSTRUCTION.
- ALL UNANTICIPATED AND UNFORESEEN DEMOLITION AND OR NEW CONSTRUCTION CONDITIONS WHICH REQUIRE DEVIATION FROM THE PLANS AND NOTES HEREIN SHALL BE REPORTED TO THE ARCHITECT, IN WRITING, PRIOR TO COMMENCING SAID WORK.
- ARCHITECT SHALL NOT BE LIABLE FOR PROBLEMS RELATING TO UNFORESEEN EXISTING CONDITIONS. NOTIFY ARCHITECT, IN WRITING, IMMEDIATELY IF PROBLEMS ARISE.
- ALL NEW MATERIAL AND/OR PATCHWORK SHALL BE PROVIDED TO MATCH EXISTING MATERIALS AND/OR ADJOINING WORK WHERE PRACTICAL, EXCEPT AS SPECIFICALLY NOTED HEREIN.
- UNLESS NOTED OTHERWISE, THE CONTRACTOR SHALL FURNISH WRITTEN GUARANTEES FOR ALL TRADES FOR A MINIMUM OF ONE YEAR. DEFECTIVE MATERIALS OR WORKMANSHIP SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- GENERAL CONTRACTOR IS TO THOROUGHLY REVIEW ALL DRAWINGS AND PROVIDE OVERVIEW TO ALL TRADES. ALL SUBCONTRACTORS ARE TO REVIEW ALL DRAWING SHEETS - GENERAL CONTRACTOR TO PROVIDE COMPLETE SETS OF PLANS TO ALL SUBCONTRACTORS FOR REVIEW. ITEMS SHOWN ON ARCHITECTURAL DRAWINGS ARE REQUIRED TO BE COMPLETELY INSTALLED REGARDLESS OF IF THEY ARE NOT SPECIFICALLY DESIGNATED ON DRAWINGS. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL REQUIRED ITEMS WITH ALL SUBCONTRACTORS AND THROUGHOUT ALL PHASES OF CONSTRUCTION.
- GENERAL CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS INCLUDING DIMENSIONS OF ELEMENTS AND AREAS WHERE THE WORK IS TO TAKE PLACE PRIOR TO BIDDING THE PROJECT AND ORDERING ANY MATERIALS.
- ALL WORK SHALL BE DONE IN ACCORDANCE W/ ALL APPLICABLE NATIONAL, STATE & LOCAL CODES AND ORDINANCES. WORK SHALL BE DONE IN A WORKMANLIKE MANNER AS PER STANDARD BUILDING TECHNIQUES AND PRACTICES.
- G.C. IS RESPONSIBLE TO FILE AND OBTAIN BUILDING DEPARTMENT PERMITS, UNLESS NOTED OTHERWISE. THE CITY PERMIT FEES IS WAIVED HOWEVER THE COUNTY PERMIT FEES (NOMINAL) SHALL BE PAID BY THE CONTRACTOR.
- G.C. IS RESPONSIBLE FOR ALL SAFETY CONDITIONS RELATING TO JOB CONSTRUCTION.
- G.C. TO BE RESPONSIBLE FOR ALL HOISTING RELATED TO WORK IN THIS CONTRACT.
- G.C. IS TO VISIT THE SITE AND CAREFULLY INSPECT THE EXISTING CONDITIONS AFFECTING THE WORK. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS MUST BE REPORTED TO ARCHITECT IN WRITING.
- G.C. IS TO CONTROL JOB CLEANING TO PREVENT DIRT, DEBRIS AND DUST FROM THE PREMISES BEING ALTERED.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ARCHITECT FOR REVIEW PRIOR TO COMMENCING WORK, FABRICATION OR ORDERING OF A PARTICULAR ITEM, MATERIAL OR SYSTEM.
- CONTRACTOR TO VERIFY W/ BUILDING DEPARTMENT IF ADDITIONAL ITEMS, COMPONENTS, SHOP DRAWINGS OR REVISIONS TO PLANS ARE REQUIRED. CONTRACTOR SHALL NOT BEGIN CONSTRUCTION & ORDERING OF MATERIALS UNTIL THE BUILDING PERMIT HAS BEEN ISSUED & ALL REVIEW BOARDS & AGENCIES HAVE APPROVED SAID PLANS AND SHOP DRAWINGS. CONTRACTOR TO THOROUGHLY REVIEW EXISTING STRUCTURE & BUILDING COMPONENTS BEFORE DURING THE CONSTRUCTION PROCESS. ARCHITECT & THEIR CONSULTANTS SHALL NOT BE LIABLE FOR PROBLEMS RELATING TO EXISTING CONDITIONS. NOTIFY ARCHITECT IMMEDIATELY IF PROBLEMS ARISE.
- CONTRACTOR IS TO COORDINATE ALL CUTTING AND PATCHING FOR SERVICES AS CALLED FOR ON DRAWINGS.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS INCLUDING AREAS, OPENING SIZES, AND ANY OTHER REQUIRED DIMENSION PRIOR TO BIDDING THE PROJECT AND ORDERING ANY MATERIALS.
- THERE IS A FEMA GRANT FOR THIS PROJECT. CONTRACTOR SHALL COMPLY W/ ALL GRANT TERMS & CONDITIONS; PROVIDE IN PROGRESS & FINAL CLOSEOUT ACCOUNTING AS REQUIRED BY THE GRANT, AND COMPLETE THE PROJECT WITHIN THE GRANT SPECIFIED TIME FRAME.

### STRUCTURAL HARDENING SCOPE OF WORK

THIS IS A WIND MITIGATION PROJECT FOR NORTH LAUDERDALE FIRE STATION 44 INCLUDING ITS MAIN BUILDING AND ITS GENERATOR ROOM. THE SCOPE OF WORK SHALL INCLUDE THE FOLLOWING ITEMS:

- STRUCTURES SHALL BE STRENGTHENED TO HAVE THE CAPACITY TO WITHSTAND WINDS OF 200 MPH.
- PATCH INTERIOR AND EXTERIOR STUCCO AND PAINT TO MATCH EXISTING ADJACENT SURFACES.
- REMOVE AND REPLACE ALL IMPACT RESISTANT LOUVERS
- REMOVE AND REPLACE ALL IMPACT RESISTANT MAN DOORS
- INSTALL NEW BOLLARDS
- PROVIDE HURRICANE TIE-DOWNS FOR ALL MECHANICAL EQUIPMENT.
- REMOVE EXISTING WINDOWS THAT WON'T BE REPLACED. INFILL OPENINGS AS PER DRAWING SPECIFICATIONS.

THE SCOPE OF WORK DESCRIBED HERE IS INTENDED TO BE FOR GENERAL INFORMATION TO THE BUILDING DEPARTMENT AND CONTRACTOR. THE ENTIRE SCOPE OF WORK IS DESCRIBED IN THE FULL SET OF CONSTRUCTION DOCUMENTS INCLUDING ALL DRAWINGS AND SPECIFICATIONS.

### CITY OF NORTH LAUDERDALE

**MAYOR:** ANA M. ZIADE  
**VICE MAYOR:** LORENZO WOOD  
**CITY COMMISSION:** SAMSON BORGELIN  
 MARIO BUSTAMANTE  
 RICH MOYLE  
**CITY MANAGER:** AMBREEN BHATTY  
**FIRE CHIEF:** RODNEY TURPEL  
**CITY STAFF:** SAM MAY  
 INTERIM PUBLIC WORKS DIRECTOR

### LOCATION MAP



THIS PROJECT

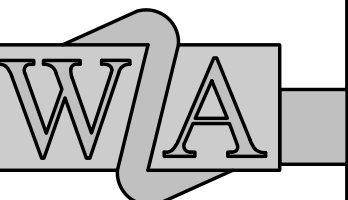
### DRAWING INDEX

- FIRE STATION 44**  
**A0.00 COVER SHEET, LOCATION MAP, CODE INFO., INDEX SHEET**
- ARCHITECTURAL:**  
**A1.00 DEMOLITION FLOOR PLAN**  
**A1.01 FLOOR PLAN**  
**A2.00 EXTERIOR ELEVATIONS - DEMOLITION**  
**A2.01 EXTERIOR ELEVATIONS**  
**A3.01 BUILDING SECTION**  
**A3.02 BUILDING DETAILS**  
**A9.01 DOOR SCHEDULE / DOOR ELEVATIONS, DETAILS**  
**A9.03 LOUVER SCHEDULE / LOUVER ELEVATIONS, DETAILS**  
**A10.01 GENERATOR ROOM. SEE DETAIL 8/A10.01**

### BUILDING CODE INFORMATION

<b>CONSTRUCTION :</b>	EXISTING BUILDING	:	IIIA
<b>MAIN BUILDING AREA:</b>	7,011 SQ FT		
<b>GENERATOR ROOM AREA:</b>	109 SQ FT		
<b>MAIN BUILDING HEIGHT:</b>	EXISTING	:	25'-1"
<b>GENERATOR ROOM HEIGHT:</b>	EXISTING	:	13'-0"
<b>CLASSIFICATION OF WORK:</b>	LEVEL 1 ALTERATION PER FBCE SIXTH EDITION (2017) SECTION 503		
<b>OCCUPANCY :</b>	S-2 / R-2		
<b>RISK CATEGORY :</b>	IV		
<b>BASIC WIND SPEED :</b>	200 MPH		
<b>GROUND EXPOSURE :</b>	C		
<b>FLOOD ZONE :</b>	AH		
<b>MINIMUM FLOOD ELEVATION :</b>	12' NAVD 88		
<b>EXISTING ELECTRIC SERVICE :</b>	3ø 120/208V		

CONSTRUCTION TO COMPLY WITH THE FLORIDA BUILDING CODE SIXTH EDITION (2017) & LATEST REVISIONS, F.S. SECTION 633, AND FLORIDA FIRE PREVENTION CODE SIXTH EDITION (2017). ASCE 7-10



**WALTERS  
ZACKRIA  
ARCHITECTS**

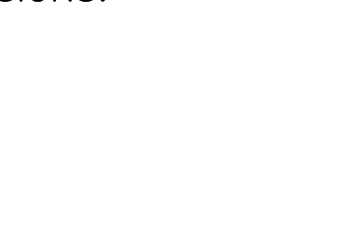
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**CITY OF NORTH LAUDERDALE  
FIRE STATION 44 RENOVATION  
WIND MITIGATION PROJECT  
7700 HAMPTON BLVD.  
NORTH LAUDERDALE, FL 33068**

DRAWN BY: OM/AC  
CHECKED BY: AZ  
DATE: 03/24/20  
REVISIONS:



1905

SHEET

**A0.00**

COVER SHEET