

MUNRO HALL SITE PLAN
SCALE: 1/16" = 1'-0"

SCOPE OF WORK:

PROJECT INCLUDES ALL MATERIALS, LABOR, EQUIPMENT, SERVICES, AND ALL OPERATIONS NECESSARY FOR THE DESIGN AND INSTALLATION OF A NEW FIRE SUPPRESSION SPRINKLER SYSTEM AT MUNRO HALL, BUILDING #261, AT THE UNITED STATES COAST GUARD TRAINING CENTER (TRACEN) IN CAPE MAY, NEW JERSEY.

MAJOR WORK ITEMS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

- DESIGN WET PIPE FIRE SPRINKLER SYSTEM TO COVER ENTIRE BUILDING IN ACCORDANCE WITH IBC AND NFPA 13.
- PRODUCE CONSTRUCTION DOCUMENTS INCLUDING FULL DRAWINGS AND SPECIFICATIONS.
- THE IN/TO EXISTING WATER DISTRIBUTION SYSTEM AND BRING NEW DEDICATED FIRE MAIN INTO BUILDING.
- INSTALL CONDUIT FIRE SPRINKLER SYSTEM THROUGHOUT BUILDING.
- INSTALL CONDUIT SCHEDULED FIRE SPRINKLER SYSTEM INTO NEW FIRE SPRINKLER SYSTEM. DISCONNECT EXISTING SPRINKLER SYSTEM FROM POTABLE WATER SOURCE.
- MONITOR NEW FIRE SPRINKLER SYSTEM VIA THE EXISTING SIEMENS MODEL XLS FIRE ALARM SYSTEM CONTROL PANEL.
- PRESSURE TEST ENTIRE SPRINKLER SYSTEM.
- PROVIDE AS-BUILT DRAWINGS.
- MOBILIZATION, DEMOBILIZATION AND CLEAN UP.
- SUPERVISION, MATERIALS, EQUIPMENT, TRANSPORTATION, LABOR AND ALL OTHER INCIDENTALS NECESSARY TO COMPLETE THE WORK IN A PROFESSIONAL MANNER IN ACCORDANCE WITH THE INTENT OF THE PROJECT WHETHER EXPLICITLY STATED IN THE REQUEST FOR PROPOSAL OR NOT.

REFER TO THE SPECIFICATIONS FOR FURTHER DETAILS.

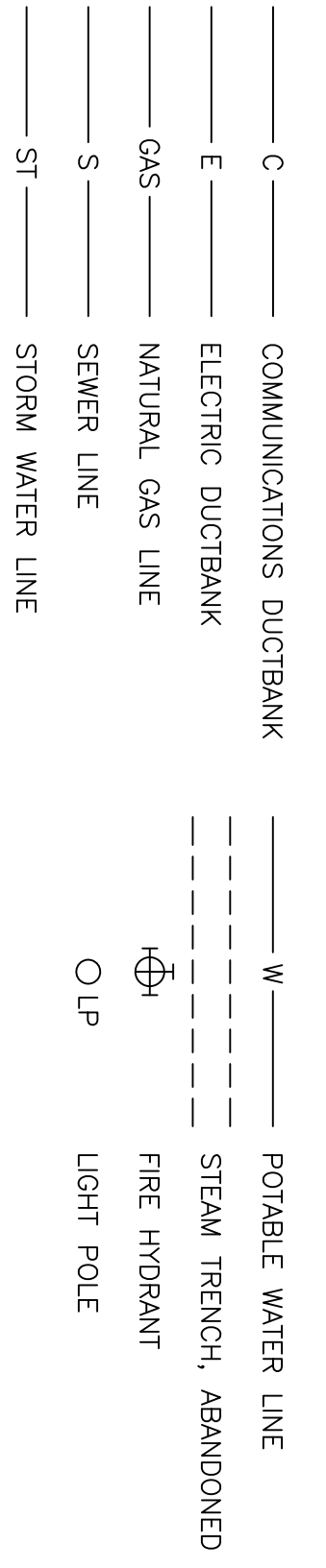
GENERAL NOTES:

- THE INFORMATION PROVIDED ON THE CONTRACT DRAWINGS IS BELIEVED TO BE CORRECT. HOWEVER, THE CONTRACTOR SHALL FIELD VERIFY ALL INFORMATION.
- TWO PRE-BID SITE VISITS WILL BE SCHEDULED BY THE OWNER. THE FIRST PRE-BID SITE VISIT WILL BE HELD APPROXIMATELY TWO WEEKS AFTER THE RELEASE OF THE SOLICITATION. THE SECOND PRE-BID SITE VISIT WILL BE HELD APPROXIMATELY THREE WEEKS AFTER THE RELEASE OF THE SOLICITATION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE PROJECT ENGINEER, STEVEN MCKAY, FACILITIES ENGINEERING, DESIGN SECTION AT 609-898-8408 OR STEVEN.C.MCKAY@USCG.MIL TO OBTAIN THE SPECIFIC DATES, AS NO OTHER SITE VISITS WILL BE SCHEDULED.
- THE CONDITION AND/OR EXISTENCE OF WATER VALVES TO ISOLATE THE 12" WATER MAIN IS UNKNOWN. IT IS ANTICIPATED THAT THE CONTRACTOR WILL NEED TO WET TAP THE ASBESTOS CONCRETE WATER MAIN. HYDRAULIC TESTS PERFORMED PREVIOUSLY AT A FIRE HYDRANT IN THE VICINITY OF MUNRO HALL YIELDED THE FOLLOWING RESULTS: STATIC PRESSURE 64 PSI, RESIDUAL PRESSURE 42 PSI, RESIDUAL FLOW 11.63 GPM. THESE RESULTS MAY BE USED FOR BIDDING PURPOSES. FOLLOWING AWARD, CONTRACTOR SHALL VERIFY RESULTS WITH ADDITIONAL TESTING.
- SOME OF THE EXISTING FLOOR TILES CONTAIN ASBESTOS. CONTRACTOR SHALL FOLLOW ALL CURRENT REGULATIONS WHEN DRILLING THROUGH ASBESTOS TILE.
- CRAMM SPACES ARE CONSIDERED TO BE CONFINED SPACES. REFER TO THE REQUEST FOR PROPOSAL FOR CONFINED SPACE REQUIREMENTS.
- THERE IS THE POSSIBILITY THAT PORTIONS OF AN ABANDONED STEAM UTILITY TRENCH STILL EXIST IN THE AREAS SHOWN. A TYPICAL STEAM TRENCH WOULD CONSIST OF 6" REINFORCED CONCRETE WALLS, FLOORS & LIDS WITH APPROXIMATE DIMENSIONS OF 4' WIDE X 4' HIGH. THE BURIED DEPTH VARIES FROM LOCATION TO LOCATION.
- CONTRACTOR SHALL PROTECT ALL EXISTING EQUIPMENT / FURNISHINGS FROM DAMAGE. CONTRACTOR MAY BE REQUIRED TO MOVE FURNISHINGS AS NECESSARY TO PERFORM WORK.
- RESTORE ALL DISTURBED AREAS TO THEIR ORIGINAL CONDITION. BROKEN SECTIONS OF CONCRETE SIDEWALK SHALL BE REPLACED IN THEIR ENTIRETY (BETWEEN EXPANSION JOINTS). SIMPLY PATCHING SIDEWALK SECTIONS IS NOT ACCEPTABLE. RUTS LEFT BY TRUCKS OR EQUIPMENT SHALL BE GRADED SMOOTH. TOPSOIL SHALL BE ADDED AS NECESSARY TO BRING THE AFFECTED AREAS BACK TO THE ORIGINAL GRADE. PLANT PERENNIAL GRASS SEED IN ALL DISTURBED GRASS AREAS.
- CONTRACTOR SHALL WORK AROUND THE COAST GUARD CLASSROOM SCHEDULES AND MAY BE REQUIRED TO RELOCATE FROM ONE AREA TO ANOTHER DURING THE SAME WORK DAY.

CONSTRUCTION START DATE & PHASING:

- ON-SITE CONSTRUCTION SHALL NOT START BEFORE 10/11/19. CONTRACTOR MAY COMPLETE INSPECTIONS, HYDRAULIC TESTS, DESIGN DOCUMENTS, ETC. PRIOR TO START DATE.
- BUILDING WILL BE PARTIALLY OCCUPIED FOR THE DURATION OF THE PROJECT. SOME AREAS WILL BE OCCUPIED DAILY. SOME AREAS WILL BE VACANT FOR THE DURATION OF THE PROJECT. THE ROOM SCHEDULES GIVEN ON THE FLOOR PLAN DRAWINGS PROVIDE THE BEST INFORMATION AVAILABLE AT THIS TIME, BUT ARE SUBJECT TO CHANGE.
- CONTRACTOR SHALL WORK AROUND THE COAST GUARD CLASSROOM SCHEDULES AND MAY BE REQUIRED TO RELOCATE FROM ONE AREA TO ANOTHER DURING THE SAME WORK DAY.

LEGEND

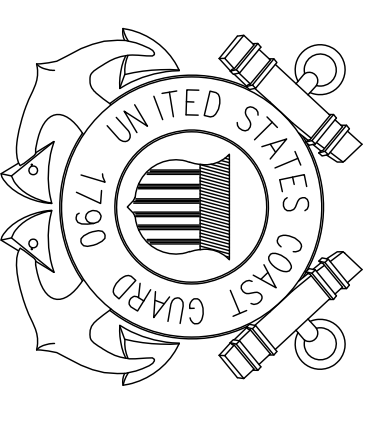


DRAWING INDEX

SHEET NO.	DESCRIPTION
C1	SITE PLAN
A1	FIRST FLOOR PLAN
A2	SECOND FLOOR PLAN
A3	THIRD FLOOR PLAN

CONSULTANTS

**U. S. COAST GUARD
TRAINING CENTER
CAPE MAY**



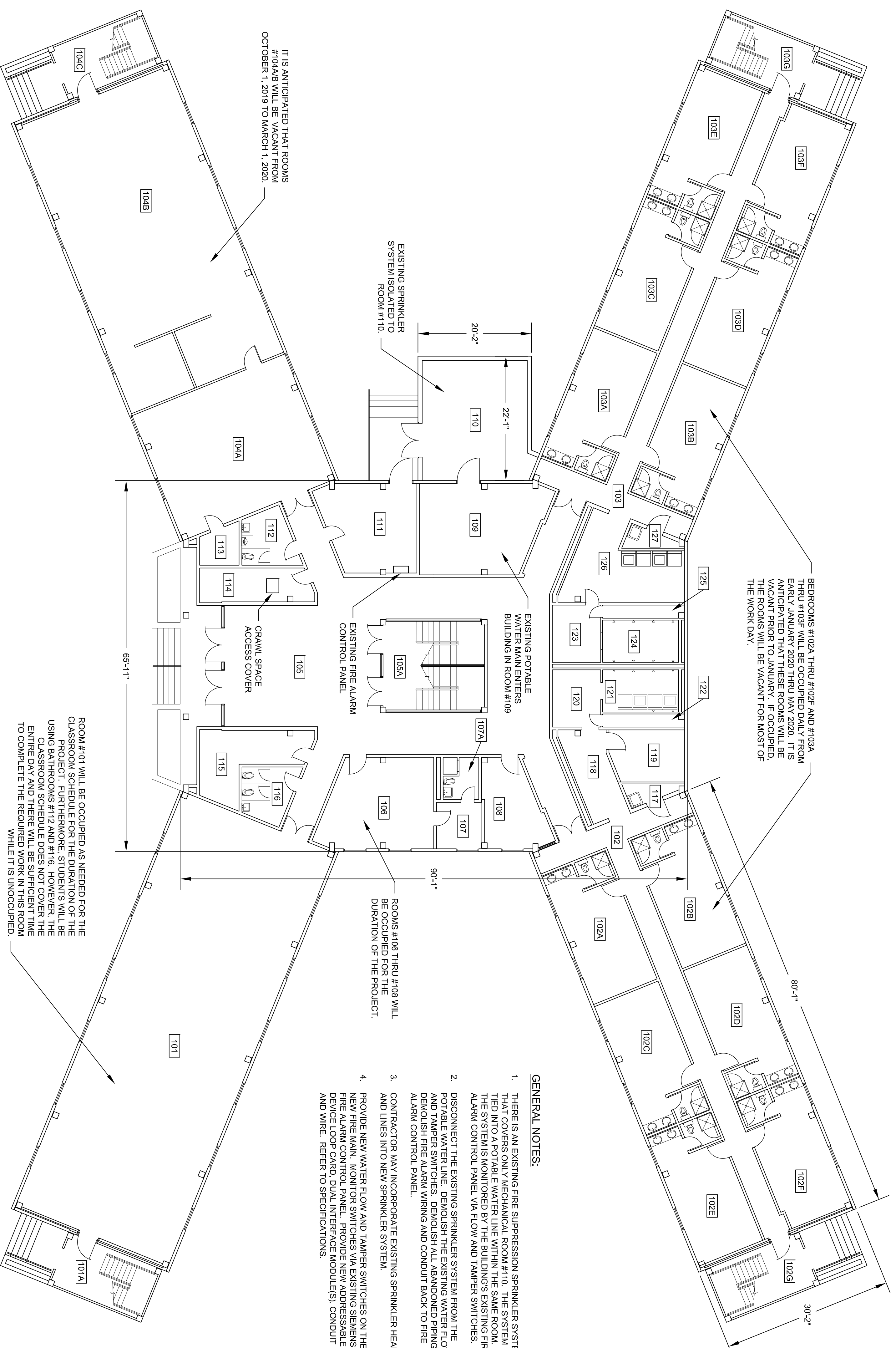
USCG, TRACEN CAPE MAY
1 MUNRO AVE.
CAPE MAY, NJ 08204-5092

MARK	DATE	DESCRIPTION

A/E PROJECT NO.:	GMS-1566
CAD FILE NAME:	SCM
DESIGNED BY:	SCM
DRAWN BY:	SCM
EDITED BY:	
CHECKED BY:	
SCALE:	AS SHOWN PLOT SCALE:
SHEET TITLE	

**MUNRO HALL FIRE SUPPRESSION
TRACEN
CAPE MAY**
NEW JERSEY
BUILDING #261
CIVIL
SITE PLAN

PROJECT ENG.	BRANCH CHIEF
APPROVING OFFICER	3/11/19
DATE	
PROJECT NUMBER	DRAWING NUMBER
3581616	T-7065-CD
DISCIPLINE/SHT. NO.	SHEET 1 OF 4
C/1	



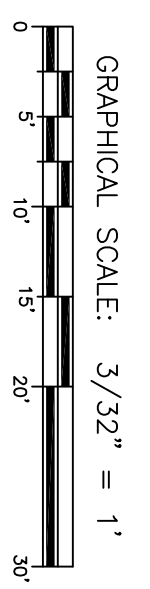
- GENERAL NOTES:**
1. THERE IS AN EXISTING FIRE SUPPRESSION SPRINKLER SYSTEM THAT COVERS ONLY MECHANICAL ROOM #110. THE SYSTEM IS TIED INTO A PORTABLE WATER LINE WITHIN THE SAME ROOM. THE SYSTEM IS MONITORED BY THE BUILDING'S EXISTING FIRE ALARM CONTROL PANEL VIA FLOW AND TAMPER SWITCHES.
 2. DISCONNECT THE EXISTING SPRINKLER SYSTEM FROM THE PORTABLE WATER LINE. DEMOLISH THE EXISTING WATER FLOW AND TAMPER SWITCHES. DEMOLISH ALL ABANDONED PIPING, DEMOLISH FIRE ALARM WIRING AND CONDUIT BACK TO FIRE ALARM CONTROL PANEL.
 3. CONTRACTOR MAY INCORPORATE EXISTING SPRINKLER HEADS AND LINES INTO NEW SPRINKLER SYSTEM.
 4. PROVIDE NEW WATER FLOW AND TAMPER SWITCHES ON THE NEW FIRE MAIN. MONITOR SWITCHES VIA EXISTING SIEMENS FIRE ALARM CONTROL PANEL. PROVIDE NEW ADDRESSABLE DEVICE LOOP CARD. DUAL INTERFACE MODULE(S). CONDUIT AND WIRE. REFER TO SPECIFICATIONS.

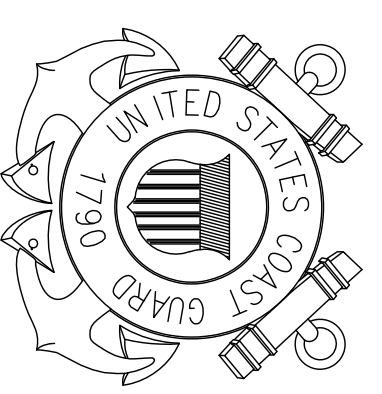
**MUNRO HALL, BLDG #261,
FIRST FLOOR PLAN**

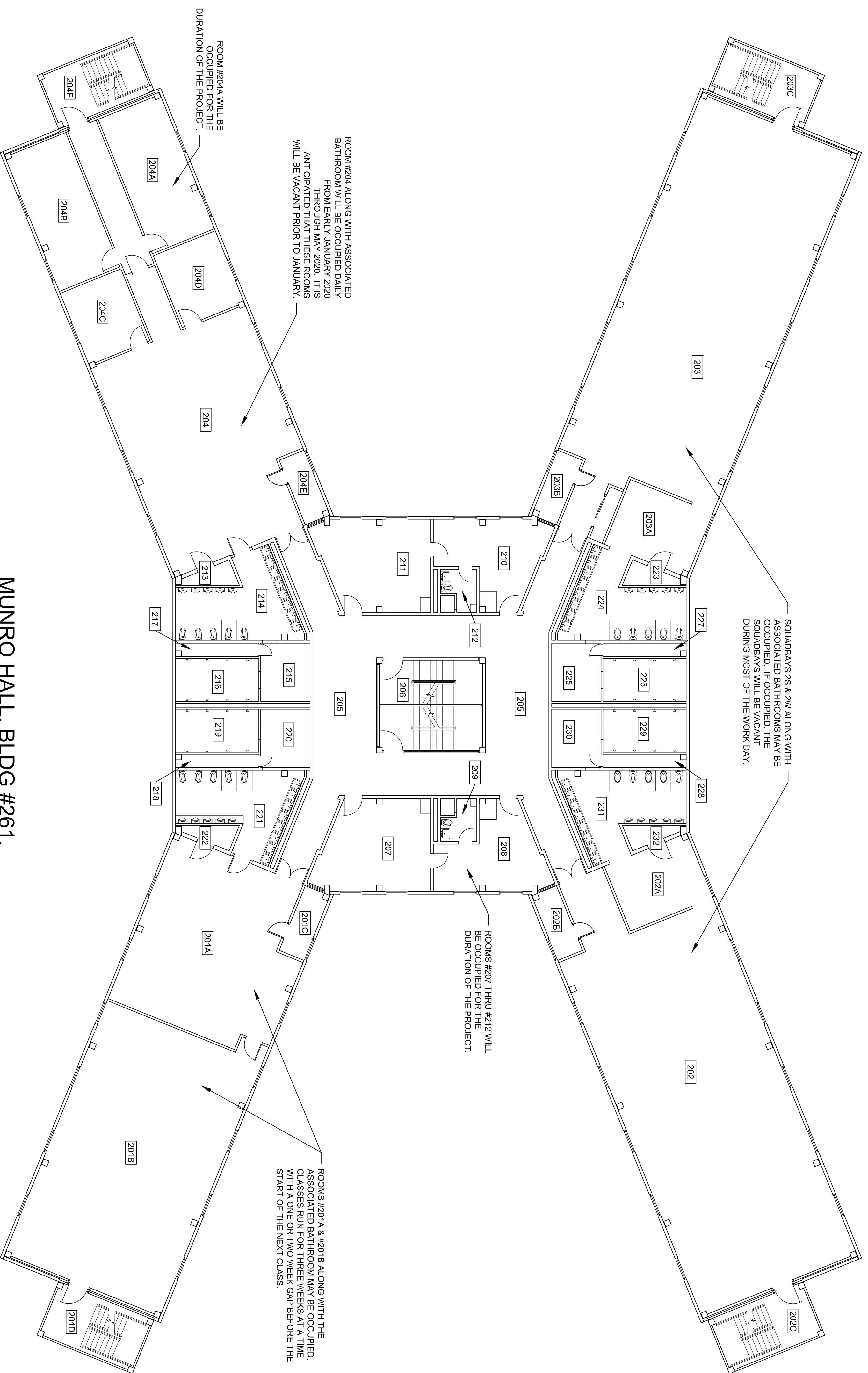
SCALE: 3/32" = 1'-0"

RM #	DESCRIPTION	CEILING
101	CLASSROOM	ACT
101A	STAIRWELL	ACT
102	HALLWAY	ACT
102A	BEDROOM	ACT
102B	BEDROOM	ACT
102C	BEDROOM	ACT
102D	BEDROOM	ACT
102E	BEDROOM	ACT
102G	STAIRWELL	ACT
103	HALLWAY	ACT
103A	BEDROOM	ACT
103B	BEDROOM	ACT
103C	BEDROOM	ACT
103D	BEDROOM	ACT
103E	BEDROOM	ACT
103F	BEDROOM	ACT
103G	STAIRWELL	ACT
104	LOUNGE	ACT
104B	CLASSROOM	ACT
104C	STAIRWELL	ACT
105	VESTIBULE	ACT
106A	STAIRWELL	ACT
106	OFFICE	ACT
107	CHANGING ROOM	ACT
107A	BATHROOM	GWB
108	STORAGE	ACT
109	MECHANICAL ROOM	ACT
110	MECHANICAL ROOM	-
111	ELECTRICAL ROOM	ACT
112	BATHROOM	-
113	STORAGE	-
114	STORAGE	-
115	STORAGE	-
116	PIPE CHASE	ACT
117	BATHROOM	-
118	PASSAGEWAY	GWB
119	BATHROOM	GWB
120	PASSAGEWAY	GWB
121	LAUNDRY	GWB
122	PIPE CHASE	-
123	STORAGE	GWB
124	STORAGE	GWB
125	PIPE CHASE	-
126	LAUNDRY	GWB
127	PIPE CHASE	-

ACT: ACOUSTICAL CEILING TILE
GWB: GYPSUM WALLBOARD



<p>U. S. COAST GUARD TRAINING CENTER CAPE MAY</p>  <p>USCG, TRACEN CAPE MAY 1 MUNRO AVE. CAPE MAY, NJ 08204-5092</p>		<p>CONSULTANTS</p>												
<p>ISSUE</p> <table border="1"> <tr><th>MARK</th><th>DATE</th><th>DESCRIPTION</th></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>		MARK	DATE	DESCRIPTION										<p>PROJECT NO.: GMS-1566</p> <p>CAD FILE NAME: SCM</p> <p>DESIGNED BY: SCM</p> <p>DRAWN BY: SCM</p> <p>EDITED BY:</p> <p>CHECKED BY:</p>
MARK	DATE	DESCRIPTION												
<p>SCALE: AS SHOWN PLOT SCALE:</p> <p>SHEET TITLE</p> <p>MUNRO HALL FIRE SUPPRESSION TRACEN</p> <p>CAPE MAY NEW JERSEY ARCHITECTURAL FIRST FLOOR PLAN</p>		<p>PROJECT ENG. BRANCH CHIEF</p> <p>DATE: 3/11/19</p> <p>APPROVING OFFICER</p> <p>PROJECT NUMBER: 3581616 DRAWING NUMBER: T-7066-AD</p> <p>DISCIPLINE/SHT NO: A/1 SHEET 2 OF 4</p>												

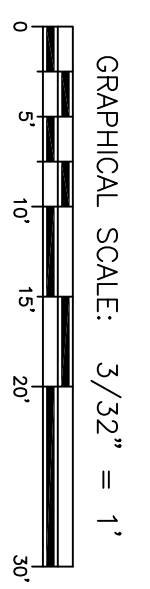


**MUNRO HALL, BLDG #261,
SECOND FLOOR PLAN**
SCALE: 3/32" = 1'-0"

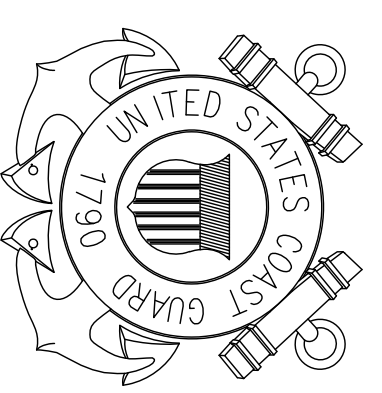
ROOM SCHEDULE, SECOND FLOOR

RM #	DESCRIPTION	CEILING
201A	LOUNGE	ACT
201B	CLASSROOM	ACT
201C	HVAC DUCT CHASE	-
201D	STAIRWELL	-
202	SQUADRAY, 2W	ACT
202A	CHANGING ROOM	ACT
202B	HVAC DUCT CHASE	-
202C	STAIRWELL	-
203	SQUADRAY, 2S	ACT
203A	CHANGING ROOM	ACT
203B	HVAC DUCT CHASE	-
203C	STAIRWELL	-
204	CLASSROOM	ACT
204A	OFFICE	ACT
204B	OFFICE	ACT
204C	STORAGE	ACT
204D	STORAGE	ACT
204E	HVAC DUCT CHASE	-
204F	STAIRWELL	-
205	HALLWAY	ACT
206	STAIRWELL	-
207	OFFICE	ACT
208	OFFICE	ACT
209	BATHROOM	GWB
210	OFFICE	ACT
211	OFFICE	ACT
212	BATHROOM	GWB
213	CHANGING ROOM	-
214	BATHROOM	GWB
215	CHANGING ROOM	ACT
216	SHOWER	GWB
217	PIPE CHASE	-
218	PIPE CHASE	-
219	SHOWER	GWB
220	CHANGING ROOM	ACT
221	BATHROOM	GWB
222	PIPE CHASE	-
223	PIPE CHASE	-
224	BATHROOM	ACT
225	CHANGING ROOM	ACT
226	SHOWER	GWB
227	PIPE CHASE	-
228	PIPE CHASE	-
229	SHOWER	GWB
230	CHANGING ROOM	ACT
231	BATHROOM	ACT
232	PIPE CHASE	-

ACT: ACOUSTICAL CEILING TILE
GWB: GYPSUM WALLBOARD



CONSULTANTS



**U. S. COAST GUARD
TRAINING CENTER
CAPE MAY**

USCG, TRACEN CAPE MAY
1 MUNRO AVE.
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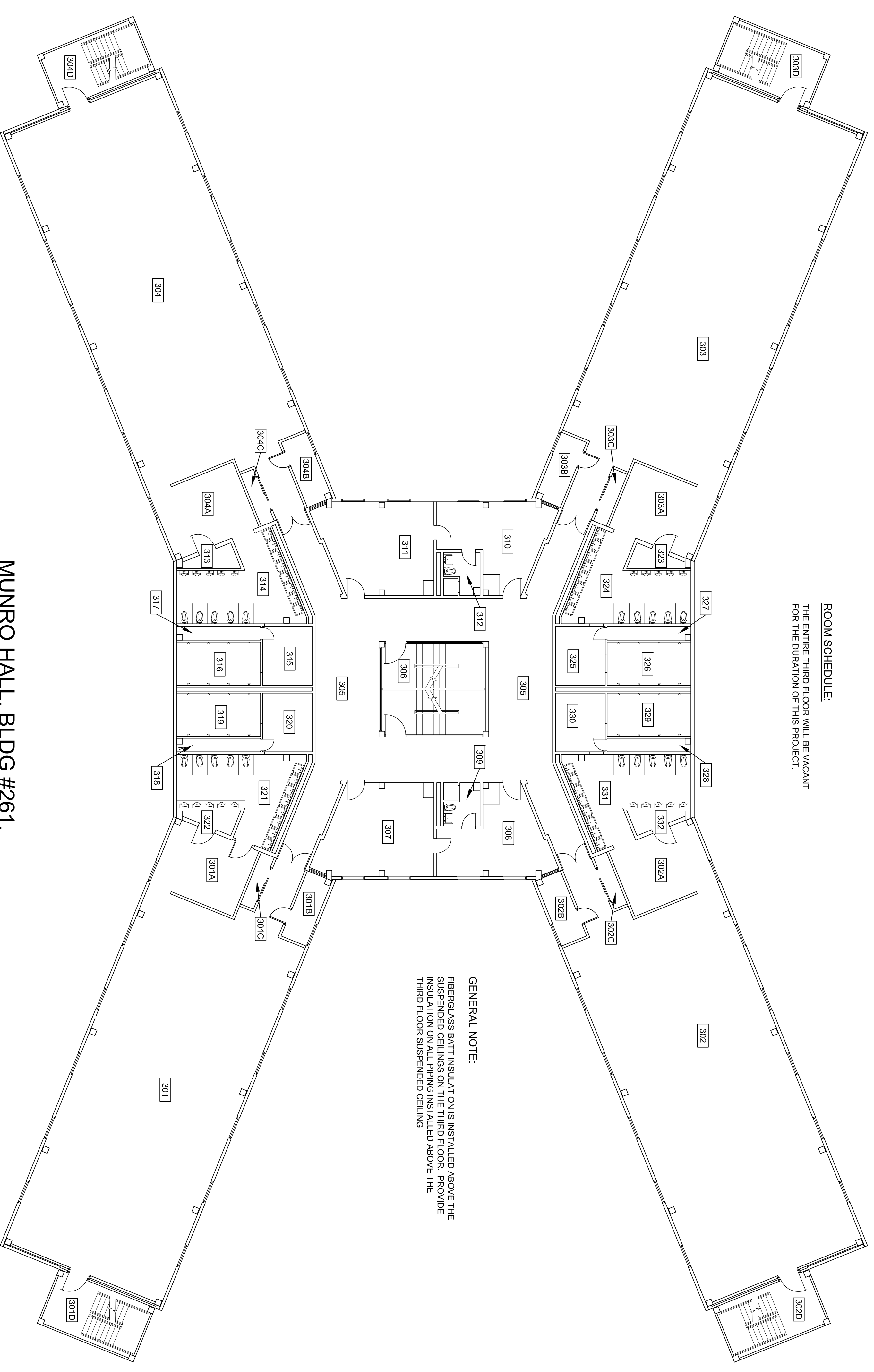
**MUNRO HALL FIRE SUPPRESSION
TRACEN**
CAPE MAY NEW JERSEY
ARCHITECTURAL
SECOND FLOOR PLAN

PROJECT ENG.	BRANCH CHIEF
APPROVING OFFICER	3/11/19
DATE	
PROJECT NUMBER	DRAWING NUMBER
3581616	T-7067-AD
DISCIPLINE/SHT. NO	SHEET 3 OF 4
A/2	

1 2 3 4



ROOM SCHEDULE:
THE ENTIRE THIRD FLOOR WILL BE VACANT FOR THE DURATION OF THIS PROJECT.

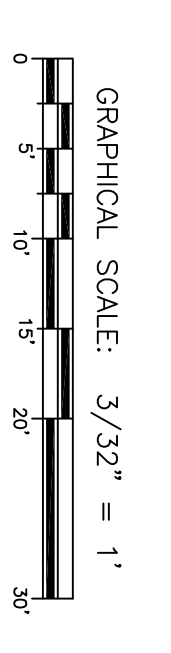


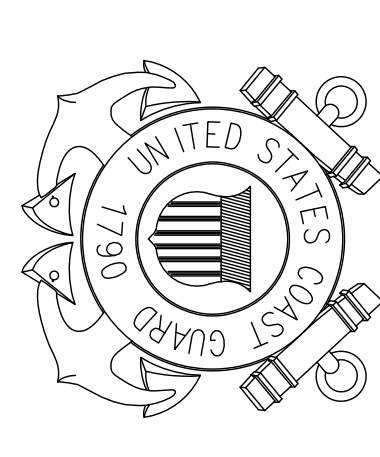
GENERAL NOTE:
FIBERGLASS BATT INSULATION IS INSTALLED ABOVE THE SUSPENDED CEILINGS ON THE THIRD FLOOR. PROVIDE INSULATION ON ALL PIPING INSTALLED ABOVE THE THIRD FLOOR SUSPENDED CEILING.

**MUNRO HALL, BLDG #261,
THIRD FLOOR PLAN**
SCALE: 3/32" = 1'-0"

RM #	DESCRIPTION	CEILING
301	SQUADRAY 3N	ACT
301A	CHANGING ROOM	ACT
301B	HVAC DUCT CHASE	-
301C	CLOSET	ACT
301D	STAIRWELL	-
302	SQUADRAY 3W	ACT
302A	CHANGING ROOM	ACT
302B	HVAC DUCT CHASE	-
302C	CLOSET	ACT
302D	STAIRWELL	-
303	SQUADRAY 3S	ACT
303A	CHANGING ROOM	ACT
303B	HVAC DUCT CHASE	-
303C	CLOSET	ACT
303D	STAIRWELL	-
304	SQUADRAY 3E	ACT
304A	CHANGING ROOM	ACT
304B	HVAC DUCT CHASE	-
304C	CLOSET	ACT
304D	STAIRWELL	-
305	HALLWAY	ACT
306	STAIRWELL	-
307	OFFICE	ACT
308	OFFICE	ACT
309	BATHROOM	ACT
310	OFFICE	ACT
311	OFFICE	ACT
312	BATHROOM	ACT
313	PIPE CHASE	ACT
314	BATHROOM	ACT
315	CHANGING ROOM	ACT
316	SHOWER	GWB
317	PIPE CHASE	-
318	PIPE CHASE	GWB
319	SHOWER	-
320	CHANGING ROOM	ACT
321	BATHROOM	ACT
322	PIPE CHASE	-
323	PIPE CHASE	-
324	BATHROOM	ACT
325	CHANGING ROOM	ACT
326	SHOWER	GWB
327	PIPE CHASE	-
328	SHOWER	GWB
329	SHOWER	GWB
330	CHANGING ROOM	ACT
331	BATHROOM	ACT
332	PIPE CHASE	-

ACT: ACOUSTICAL CEILING TILE
GWB: GYPSUM WALLBOARD



CONSULTANTS	
 U. S. COAST GUARD TRAINING CENTER CAPE MAY	
USCG, TRACEN CAPE MAY 1 MUNRO AVE. CAPE MAY, NJ 08204-5092	
ISSUE	
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SCALE: AS SHOWN PLOT SCALE:	
SHEET TITLE	
MUNRO HALL FIRE SUPPRESSION TRACEN CAPE MAY NEW JERSEY ARCHITECTURAL THIRD FLOOR PLAN	
PROJECT ENG.	BRANCH CHIEF
APPROVING OFFICER	3/11/19
PROJECT NUMBER	DATE
3581616	DRAWING NUMBER
	T-7068-AD
DISCIPLINE/SHT NO	SHEET 4 OF 4
A/3	