

Carver Police Station Carver, MA

MONTHLY PROGRESS REPORT
February 2020



Architect:



Jacunski Humes Architects, LLC

General Contractor:



Tower Construction Corp.

Owner's Project Manager:



prepared by:
Daedalus Projects, Inc.

PROJECT
Carver Police Station**PROJECT MANAGER**
Joe Sullivan**CONTRACTOR**
Tower Construction**ON SITE REPRESENTATIVE**
Paul Richards

MONTHLY PROGRESS REPORT February 2020**GENERAL COMMENTARY OF MONTHLY PROGRESS**

During the month of February, the site had been cleared and perimeter fence was installed around entire site along with silt fence and filter socks. Stone was delivered and stockpiled on site. Due to a few rainy days, the site contractor (Dig-It Construction) arrived on site on 2/13. Activity on site for the remainder of February included survey work / control points; three stormwater infiltration beds were completed per plan. Compaction testing on the backfill material was conducted by Briggs Engineering & Testing as required. Soil samples were sent to Briggs for proctors and sieve analysis. Two underground storage tanks were found during site excavation which were then removed by the Town. Dave Siedentopf (Town of Carver) coordinated the permits and removal of the tanks by Frank Corp. Environmental Services. A few inspections were conducted by the Carver Fire Chief. Soil samples in the area of the tanks were tested by Riverhawk Environmental and found to be negative for petroleum or any other hazardous materials. The site was cleared to resume work. Site trailers were delivered and established, and Eversource was on site to connect temp power. The site subcontractor started installation of the stormwater drainage structures and piping as well as sanitary piping. Building layout and excavation for the building footings and foundations will begin in early March.

SCHEDULE COMMENTARY

Tower Construction provided a baseline schedule with a substantial completion date of March 26, 2021.

DIVISION 31 – EARTHWORK**Section 31000 Earthwork:****Week of February 3**

- Stone delivered and stockpiled for future use
- Layout of subsurface infiltration beds

Week of February 10

- Completed layout of subsurface infiltration bed #2.
- Excavated entire area of the bed and completed.
- Installation of the 6” stone base.
- Fabric installed at the south end per the plan detail.
- Put down the fabric (scour pad) for the inlets at south end.
- Started to install the chambers at the south end.

Week of February 17

- Continued with the installation of subsurface infiltration bed # 2.
- Chambers were installed, stone was backfilled to 18” above the top of the chambers.
- Inspection risers installed as was the 12” HDPE manifolds including drainage inlets.
- System was covered with fabric and backfill started.
- Completed backfill & compaction of SIB # 2 using 9 ton drum roller.
- Laid out SIB # 3, started excavation and discovered an existing underground steel tank measuring 6’W X 24’L. Stopped work in this area and moved to the location of SIB #1.

- Completed installation of the chambers for SIB # 1, stone backfilled to 6” above the top of the chambers, 12” HDPE manifold installed, inspection risers installed and fabric cover over the entire bed. Sand cover in three 9” lifts, compacted with the drum roller.

Week of February 24

- Frank Corp Environmental Services on site to remove the recently discovered underground steel tanks (2). The large tank was found to be empty & dry, the smaller tank contained approx. 200 gallons of old petroleum product which was pumped out into 55 gal. drums and removed from the site. Both tanks were excavated and set on grade where they were examined by the Env. Scientist & Carver Fire Chief. Soils around the tanks did not appear to contain petroleum product, soil samples tested on site by the scientist were negative. Approval was given by the Fire chief to remove the tanks from the site, tanks were loaded onto flat bed and trucked away.
- Continued with misc. site work (moving dirt, grading of site) while waiting for the tanks to be tested & removed from the site. Layout of sand infiltration bed # 3 (SIB#3) completed and excavation started.
- Continued with installation of sand infiltration bed # 3 (SIB#3). Completed excavation and installed 6” stone base. Fabric set in place and chambers installed as were the observation risers and 6” PVC manifolds w/ inlets per plan. Stone backfill to six inches above the top of the chambers, covered with fabric topped w/ approx. 18” of sand in two lifts, compacted with drum roller. Raised the site elevation using stockpiled material on site. Material was then graded and compacted with the drum roller.

OPM ACTIVITIES

CHA’s on-site representative is overseeing and photo-documenting the daily activities and materials delivered to the site. Daily construction activity reports are uploaded weekly to a share file site. Town of Carver officials are contacted as the need arises and the client is aware of any project challenges. We are tracking and verifying the accuracy of certified payroll reports for Carver weekly. Construction Meetings are held weekly in the site trailer. Notes are kept and distributed by CHA. CHA is tracking the construction progress versus the project schedule and coordinating and integrating the Owner’s outside vendors into the contractor’s construction schedule.

DESIGNER ACTIVITIES

JHA visits the site to confer, clarify and verify with the contractor and OPM. They are providing documentation for agreed-upon changes. They are reviewing submittals and RFIs in a timely manner as they are being sent.

CHA and JHA review the contractor’s application for payment and adjust with JHA as the installed work dictates. The Team then recommends the adjusted payment sum to the Town’s Procurement Officer.

QUALITY CONTROL

CHA and Tower’s superintendent inspect the site daily and JHA inspects bi-weekly.

SAFETY COMPLIANCE

Ongoing safety walks are performed. No outstanding issues at this time.

ID	Item Section	Task Name	Duration	Start	Finish	Predecessors	Resources	Cost
1	011000	Permitting	20 days	Mon 2/3/20	Fri 2/28/20		3,4,8,9	Tower
2	011010	Notice to Proceed	1 day	Mon 3/2/20	Mon 3/2/20	2	655-5 days,5,8,9	Tower
3	013300	Submit Procedures	80 days	Mon 3/2/20	Fri 5/22/20	2		Tower & Subs
4	015000	Temporary Facilities	5 days	Tue 3/3/20	Mon 3/9/20	3		Tower
5	015010	Mobilization	10 days	Tue 2/25/20	Mon 3/9/20	3,5-5 days	7,75-10 days	Tower & Subs
6	017123	Field Engineering	5 days	Tue 2/25/20	Mon 3/2/20	6,5-10 days	11,75-3 days	
7	015000	Temporary Fence	5 days	Mon 3/2/20	Fri 3/6/20	2	9	Mobile
8	312500	Erosion Measures & Control	5 days	Mon 3/9/20	Fri 3/13/20	2,8	10	Dig-It
9	024113	Selective Site Demolition	10 days	Mon 3/16/20	Fri 3/27/20	9		Dig-It
10	312314	Excavation Foundation	5 days	Thu 3/27/20	Wed 3/24/20	7,5-3 days	12	Dig-It
11	031004	Concrete Foundation	20 days	Thu 3/26/20	Wed 4/1/20	11	13,14	DW Forms
12	072100	Foundation Insulation	3 days	Thu 4/2/20	Mon 4/6/20	12		Tower & Dig-It
13	312314	Backfill Foundation	3 days	Thu 4/2/20	Mon 4/6/20	12	15	Dig-It
14	312314	Excavate Underlab Utilities	10 days	Tue 4/7/20	Mon 4/20/20	14	14,75-8 days	Dig-It
15	220000	Underlab Plumbing	10 days	Thu 4/9/20	Wed 4/22/20	1,5,75-8 days	17,18,19	LPAn
16	240000	Underlab Electrical	4 days	Thu 4/23/20	Tue 4/28/20	16	20	AEC
17	210000	Underlab Fire Protection	2 days	Thu 4/23/20	Fri 4/24/20	16	20	TBD
18	230000	Underlab Mechanical	2 days	Thu 4/23/20	Fri 4/24/20	16	20	GBH
19	312314	Backfill Underlab Utilities	5 days	Wed 4/29/20	Tue 5/5/20	17,18,19	21	Dig-It
20	030004	Concrete Reinforcing & Slab Preparation	15 days	Wed 5/6/20	Tue 5/26/20	20	2,2,75-10 days	Olivera
21	033004	Slab-On-Grade	15 days	Wed 5/13/20	Tue 6/2/20	21,5-10 days	23	Olivera
22	031204	Structural Steel	10 days	Wed 6/3/20	Tue 6/16/20	22	24,25,29	Engineered Welding
23	033004	Infill Piers after Columns	4 days	Wed 6/3/20	Mon 6/22/20	23	26,27,28	Olivera
24	081113	Door Frames Delivered	2 days	Wed 6/3/20	Thu 6/18/20	23		NBP
25	042000	Masonry	18 days	Tue 6/23/20	Thu 7/16/20	24		Commercial
26	240000	Rough Electric	18 days	Tue 6/23/20	Thu 7/16/20	24		AEC
27	220000	Rough Plumbing	18 days	Tue 6/23/20	Thu 7/16/20	24		LPAn
28	092100	Metal Stud Framing	15 days	Wed 6/3/20	Tue 7/7/20	23	30,32	Barber
29	092100	Exterior Wall Sheathing	10 days	Wed 7/8/20	Tue 7/21/20	29	31,75-5 days	Barber
30	074600	Air Shield on Sheathing	5 days	Wed 7/15/20	Tue 7/21/20	30,5-5 days		Empire
31	061000	Rough Carpentry	5 days	Wed 7/8/20	Tue 7/14/20	29	33	Empire
32	061754	Wood Trusses	7 days	Wed 7/15/20	Thu 7/23/20	32	34	Hardpine & Empire
33	061000	Roof Sheathing	5 days	Fri 7/24/20	Thu 7/30/20	33	35	Empire
34	061000	Wood Framing	10 days	Fri 7/17/20	Thu 8/13/20	34	36,75-5 days	Empire
35	060000	Roof Line Trim	10 days	Fri 8/7/20	Thu 8/20/20	3,5,5-5 days	37,38,43,44	Empire
36	085400	Windows	5 days	Fri 8/7/20	Thu 8/27/20	36	40,41,42,45	Empire
37	073113	Roof	10 days	Fri 8/7/20	Thu 8/13/20	36	39	Belcour
38	041000	Garbo	10 days	Fri 8/14/20	Thu 8/13/20	38		Belcour
39	089119	Louvers	3 days	Fri 8/7/20	Tue 8/11/20	37		Tower & McDermott
40	066000	PVC Trim	15 days	Fri 8/28/20	Thu 9/17/20	37		Empire
41	074444	Siding	15 days	Fri 8/28/20	Thu 9/17/20	37		Empire
42	084113	Aluminum Systems	5 days	Fri 8/7/20	Thu 8/27/20	36		Hard Glass
43	083613	Overhead Doors	5 days	Fri 8/7/20	Thu 8/27/20	36	46	Next Generation
44	079000	Sealants	10 days	Fri 8/28/20	Thu 9/10/20	37		Delirio
45	070000	Weatherlight	1 day	Fri 8/28/20	Fri 8/28/20	44	47,48,49,50	
46	230000	Interior Mechanical	20 days	Mon 8/31/20	Fri 9/25/20	46	51,53	GBH
47	210000	Interior Fire Protection	20 days	Mon 8/31/20	Fri 9/25/20	46	51,53	TBD
48	240000	Interior Electric	20 days	Mon 8/31/20	Fri 9/25/20	46	51,53	AEC
49	220000	Interior Plumbing	20 days	Mon 8/31/20	Fri 9/25/20	46	51,53	LPAn
50	078400	Finestopping	5 days	Mon 9/28/20	Fri 10/2/20	47,48,49,50	52	All Trades
51	055000	Misc. Metals	5 days	Mon 10/5/20	Fri 10/9/20	51		Engineered Welding
52	072100	Insulation	15 days	Mon 9/28/20	Fri 10/16/20	47,48,49,50	54	Quality Insulation
53	092100	Gypsum Assemblies	25 days	Mon 10/19/20	Fri 11/20/20	53	55	Barber
54	099000	Priming	5 days	Mon 11/23/20	Fri 11/27/20	54	56	Sands
55	095113	Acoustical Grid	7 days	Mon 11/23/20	Thu 12/3/20	55	57,58,59,60,61	Central
56	230000	Above Ceiling Mech	7 days	Wed 12/9/20	Thu 12/17/20	56	64	GBH
57	220000	Above Ceiling Plumbing	7 days	Wed 12/9/20	Thu 12/17/20	56	64	LPAn
58	240000	Above Ceiling Electrical	7 days	Wed 12/9/20	Thu 12/17/20	56	64	AEC
59	210000	Above Ceiling Fire Protection	7 days	Wed 12/9/20	Thu 12/17/20	56	64	TBD
60	111900	Detention Systems	7 days	Wed 12/9/20	Thu 12/17/20	56	62,63	Jails Inc
61	094000	Resinous Flooring	7 days	Fri 12/18/20	Mon 12/28/20	61		NDF
62	099000	Paint 1st Coat	10 days	Fri 12/18/20	Thu 12/31/20	61	65,66,67,68	Stands
63	095113	Ceiling Tiles	8 days	Fri 12/18/20	Tue 12/29/20	57,58,59,60	69,78,79-10 days	Central
64	096500	Resilient Flooring	15 days	Fri 1/1/21	Thu 1/21/21	63	69,70,71,72,73,74	CM Services
65	096810	Carpet	8 days	Fri 1/1/21	Tue 1/12/21	63	69,70,71,72,73,74	Floneworks
66	093000	Tile	15 days	Fri 1/1/21	Thu 1/21/21	63	69,70,71,72,73,74	Capital Flooring
67	097200	Walkovers	5 days	Fri 1/1/21	Thu 1/7/21	63	69,70,71,72,73,74	TBD
68	087100	Doors and Hardware	15 days	Fri 1/2/21	Thu 2/5/21	64,65,66,67,68		NBP and Tower
69	111914	Lockers	4 days	Fri 1/2/21	Wed 1/27/21	65,66,67,68		Jiffy
70	105514	Postal Equipment	2 days	Fri 1/2/21	Mon 1/25/21	65,66,67,68		TBD
71	132314	Milwork	8 days	Fri 1/2/21	Tue 2/2/21	65,66,67,68	77,79	T&C Milwork
72	132314	Casework	10 days	Fri 1/2/21	Thu 2/4/21	65,66,67,68	77,79	T&C Milwork
73	102800	Toilet Accessories	5 days	Fri 1/2/21	Thu 1/28/21	65,66,67,68		Tower
74	102113	Toilet Partitions	2 days	Fri 1/2/21	Mon 1/25/21	65,66,67,68		Tower
75	102113	Wire Mesh Partition	1 day	Fri 1/2/21	Fri 1/22/21	65,66,67,68		Tower
76	101423	Signage	5 days	Fri 2/5/21	Thu 2/11/21	72,73		Cascadia
77	115213	Projection Screen	2 days	Wed 1/23/21	Thu 1/24/21	64,75-10 days		Tower
78	099000	Paint Final Coat	10 days	Fri 2/5/21	Thu 2/18/21	72,73	80,81,82,83,84,85	Stands
79	120620	Window Treatment	3 days	Fri 2/19/21	Tue 2/23/21	79		Tower



Town Dug Out Underground Tank



Old UST Found On Site



Backfilling Site Utilities



Backfilling Site Utilities



Installation and Backfill of Site Drainage Structures



Installation and Backfill of Site Drainage Structures



Continued Backfill of Site Drainage Structures



Continued Backfill of Site Drainage Structures

RFI LOG

TOWER CONSTRUCTION		Project: Carver Police		Architect Info					
TOWER CONSTRUCTION CORP		Project #: 2252							
RFI#	Date	Subject	Question	Response	Responded Date	Discipline	Status	Cost change	Scope
1	1.06.20	Reinforcing for Masonry Walls at Haunches	Can the reinforcing for the masonry details F1 / S3.1 and F2 / S3.1 be changed to having the #5 bars be drilled 8" embedment into the haunches with epoxy? We feel this will yield a more accurate center cell of CMU anchor point.	Post - installing the rebar dowels is acceptable. Submit proposed adhesive product for review	1.09.20	Structural	Closed		
2	1.06.20	Outbuilding Exterior Wall Section	Can the detail F3 / S3.1 on the outbuilding be changed to F2 / S3.0 to eliminate the small cap piece of wall? We would follow the detail F3 / S3.1 on all door / opening locations. Please advise.	In the "typical Section" of detail F3/S-3.1 ignore the horizontal line showing approximately 8" below the top wall. There is no cap on the top of the wall; the full height of the wall is to be placed monolithically	1.09.20	Structural	Closed		
3	1.30.20	Structural Steel Moment Connection Detail	The structural steel vendor would like to offer an alternative on the moment connection details per the sketch below for the columns. The proposed detail is being suggested as they would prefer to use this to avoid the multiple splices in columns that accrue resulting in the design differences in elevation. An example would be at grids line G & D. Also, the 1/2" wall thickness of columns would be adequate for this type of connection. This would result in an approximate savings of \$1,000.00 to the project which a formal proposal can be provided. Please advise if this is acceptable	This should ne a substitution request, not an RFI, An engineering analysis is required it evaluate the proposed substitution. Please submit signed and sealed drawings and calculations which indicate that the proposed connection has the same (or more) capacity than the detail on the structural drawings. Alternately, we could be hired by contractor to investigate the capacity of proposed connection	2.07.2020	Structural	Closed		
4	02.18.2020	Underground Tank encounter	While performing the site cuts, the site contractor encountered an unforeseen underground tank. There is some liquid present within the tank and does have trace smell of a fuel/oil scent. We have marked up the plan with the approximate location. Please review and advise.	The Town will handle the tank's removal directly with Frank Environmental Corporation and LSP oversight. The tentative date for it's removal is Monday, February 24th. The Town's contact for this procedure is David Siedentopf, Director of Operations and Maintenance, Town of Carver. Phone: 508-866-465-9030.	2.20.2020	Site	Closed		
5	3.04.2020	Site Antenna Information	For coordination purposes, please provide the following information regarding the Antenna adjacent to the proposed Outbuilding Foundation Footprint Location of Electrical stub up risers for the specified ductbank Confirmation that there is not any power required for this antenna (currently there is only empty conduits to this location from the Communications Room to the Antenna footprint. Contact person for electrical coordination	The radio tower vendor is Cyber Comm Inc. out of Bridge Water, MA. Contact business card are attached. They are being requested to attend he job meeting on march 18th	3.09.2020				
6	3.04.2020	Unforeseen Concrete at Building Excavation	While excavating for the foundation at the rear section by the NARC. Storage 130 and Mechanical Room 127 an unforeseen section of concrete was encountered. The appx sketch below is the section where it was encountered, but Tower does not know the extent of the limits where the foundation stops in either direction. The appx elevation at the top of the concrete is 95.90±. This is appx and may vary. Please note there are water services and foundation in this area which the bottom of the water trench entering the building is 96.60 so it may impact the waterline in the site depending on the limits.						
7	3.04.2020	Communication Vendor	Please provide the contact person for the Owner Supplied Communications vendor so that our electrician and door consultant can properly plan their coordination efforts.						
8	3.05.2020	Foundation Dampproofing	Can you please confirm that the foundation walls do not require damp-proofing at the request of the foundation subcontractor? There is a note in specification section 033004 2.1 L that damp-proofing product to be used as specified, but there are no areas specified locations on the drawings. Please confirm that this note in the specification does not apply.	There are no areas requiring damp-proofing within the scope of work	3.06.2020				

SHOP DRAWING LOG

PROJECT: New Facility for the Carver Police Department, 3 Center Street, Carver, Massachusetts								STATE PROJECT No.:			
G.C.: Tower Construction Corporation								JHA PROJECT No.: 1830			
TEAM: JH Architects (JHA); Garcia-Galuska-DeSousa (GGD); Linden Landscape Architects (LLA); Szewczak Associates (SA); Paul Hawley Associates (PHA); CAMA (CAMA); Building Engineering Resources (BER)								G.C. PROJECT No.: 2252			
JHA SHOP DRAWING NUMBER	G.C. SHOP DRAWING NUMBER	DESCRIPTION	DATE REC'D	DATE SENT	DATE REC'D	DATE SENT	DATE REC'D	DATE RTN'D	REVIEWER	ACTION / REMARK	COMMENTS
			- From - G.C.	- To - Owner	- From - Owner	- To - Consult	- From - Consult	- To - G.C.			
DIVISION 0 - OWNER SUBMISSIONS											
DIVISION 1 - GENERAL REQUIREMENTS											
011000-001-1	011000-01s	Carver Site Access Plan	01/29/20	01/29/20	02/20/20	01/29/20	01/29/20	02/20/20	ToC/LLA	AN	
011000-002-1	011000-02	Carver Police Schedule	02/19/20	-	-	-	-	02/27/20	JHA	A	
DIVISION 2 - EXISTING CONDITIONS											
DIVISION 3 - CONCRETE											
032004-001-1	032004-01	Rebar Shop Drawing	01/15/20	-	-	01/15/20	-	-	SA/LLA	-	Incorporated into 032004-001-2
032004-001-2	032004-02	Rebar Shop Drawing	01/22/20	-	-	01/28/20	02/05/20	02/05/20	SA/LLA	AC/RR	
033004-001-1	033004-02s	Concrete Slab on Grade	02/19/20	-	-	02/19/20	02/24/20	02/24/20	SA	AC	
033004-002-1	033004-4s	Footings and Foundation Walls	02/19/20	-	-	02/19/20	02/24/20	02/24/20	SA	AC	
DIVISION 4 - MASONRY											
042000-001-1	042000-01s	Unit Masonry	01/22/20	-	-	01/22/20	01/29/20	02/05/20	JHA	A	
042000-002-1	042000-02s	Masonry Reinforcement Shop Drawings	01/22/20	-	-	01/22/20	01/29/20	01/30/20	SA/JHA	AC	
042000-003-1	042000-03s	Precast Concrete Products	02/14/20	-	-	-	-	02/14/20	JHA	AC	
042000-004-1	042000-04s	Precast Concrete Profile	02/18/20	-	-	-	-	02/19/20	JHA	AC	
DIVISION 5 - METALS											
051204-001-1	051204-01	Anchor Bolts Setting Plan & Details	01/15/20	-	-	01/15/20	01/29/20	01/29/20	SA	AC	
051204-002-1	051204-02s	Structural Steel Drawings	02/13/20	-	-	02/13/20	02/27/20	02/27/20	SA	RR	
DIVISION 6 - WOOD & PLASTICS											
061754-001-1	061754-01s	Truss Shop Drawing	01/27/20	-	-	01/28/20	02/11/20	02/11/20	SA	RR	

SHOP DRAWING LOG

PROJECT: New Facility for the Carver Police Department, 3 Center Street, Carver, Massachusetts							STATE PROJECT No.:				
G.C.: Tower Construction Corporation							JHA PROJECT No.: 1830				
TEAM: JH Architects (JHA); Garcia-Galuska-DeSousa (GGD); Linden Landscape Architects (LLA); Szewczak Associates (SA); Paul Hawley Associates (PHA); CAMA (CAMA); Building Engineering Resources (BER)							G.C. PROJECT No.: 2252				
JHA SHOP DRAWING NUMBER	G.C. SHOP DRAWING NUMBER	DESCRIPTION	DATE REC'D - From - G.C.	DATE SENT - To - Owner	DATE REC'D - From - Owner	DATE SENT - To - Consult	DATE REC'D - From - Consult	DATE RTN'D - To - G.C.	REVIEWER	ACTION / REMARK	COMMENTS
DIVISION 7 - THERMAL & MOISTURE PROTECTION											
073113-001-1	073113s	Asphalt Shingles	02/18/20	-	-	-	-	02/20/20	JHA	AC/RR/R	
079200-001-1	079200-01s	Elastomeric Joint Sealant	01/30/20	-	-	-	-	02/10/20	JHA	R	
079200-002-1	079200-02s	Sealant Color Chart	01/30/20	-	-	-	-	02/10/20	JHA	RR	
079200-003-1	079200-03s	Non-Sag Urethane Sealant	01/30/20	-	-	-	-	02/10/20	JHA	A	
079200-004-1	079200-04s	Acrylic-Emulsion Sealant and Color Chart	01/30/20	-	-	-	-	02/03/20	JHA	AC	
079200-005-1	079200-05s	Security Sealant	01/30/20	-	-	-	-	01/30/20	JHA	R	
079200-005-2	079200-05s Rev1	Security Sealant	02/07/20	-	-	-	-	02/07/20	JHA	A	
079200-006-1	079200-06s	Resilient Silicone Sealant	01/30/20	-	-	-	-	02/03/20	JHA	R	
DIVISION 8 - OPENINGS											
087113-001-1	087113-01s	Automatic Doors	02/12/20	-	-	-	-	02/14/20	JHA	AC	
089119-001-1	089119-01s	Louver SD & Color Chart	02/24/20	-	-	-	-	02/27/20	JHA	AC	
DIVISION 9 - FINISHES											
095113-001-1	095113-01 095113-02 095113-03 095113-04 095113-05	Acoustical Ceiling Panels	01/02/20	-	-	-	-	01/07/20	JHA	AC	
095113-002-1	095113-06	Acoustical Ceiling Samples	01/13/20	-	-	-	-		JHA		Awaiting physical samples
094000-001-1	094000-01s	Industrial Floor System	02/07/20	-	-	-	-	02/07/20	JHA	R	
096500-001-1	096500-01s	Solid Vinyl Tile (SVT-01)(SVT-02)(SVT-03)	01/30/20	-	-	01/30/20	02/06/20	02/07/20	CAMA	A	
096500-002-1	096500-02s	Luxury Vinyl Tile (LVT-01)	01/30/20	-	-	01/30/20	02/06/20	02/07/20	CAMA	AC	
096500-003-1	096500-03s	Rubber Anti-Static Tile (ESD-01)(ESD-02)(ESD-03)	01/30/20	-	-	01/30/20	02/06/20	02/07/20	CAMA	AC	
096500-004-1	096500-04s	Resilient Base	01/30/20	-	-	01/30/20	02/06/20	02/07/20	CAMA	AC	
096500-005-1	096500-05s	Samples	01/30/20	-	-	01/30/20	02/06/20	02/07/20	CAMA	AC	
099000-001-1	099000-01	Painting Product Data	01/15/20	-	-	01/15/20	01/29/20	01/29/20	CAMA	RR	
099000-001-2	099000-01 R1	Painting Product Data	01/31/20	-	-	01/31/20	02/06/20	02/07/20	CAMA	AC	
DIVISION 10 - SPECIALTIES											

SHOP DRAWING LOG

PROJECT: New Facility for the Carver Police Department, 3 Center Street, Carver, Massachusetts								STATE PROJECT No.:			
G.C.: Tower Construction Corporation								JHA PROJECT No.: 1830			
TEAM: JH Architects (JHA); Garcia-Galuska-DeSousa (GGD); Linden Landscape Architects (LLA); Szewczak Associates (SA); Paul Hawley Associates (PHA); CAMA (CAMA); Building Engineering Resources (BER)								G.C. PROJECT No.: 2252			
JHA SHOP DRAWING NUMBER	G.C. SHOP DRAWING NUMBER	DESCRIPTION	DATE REC'D - From - G.C.	DATE SENT - To - Owner	DATE REC'D - From - Owner	DATE SENT - To - Consult	DATE REC'D - From - Consult	DATE RTN'D - To - G.C.	REVIEWER	ACTION / REMARK	COMMENTS
DIVISION 11 - EQUIPMENT											
DIVISION 12 - FURNISHINGS											
DIVISION 13 - SPECIAL CONSTRUCTION											
134700-001-1	134700-01 134700-02 134700-03	Bullet Resistant Protection	02/24/20	-	-	-	-	02/27/20	JHA	AC	
DIVISION 14 - CONVEYING EQUIPMENT											
DIVISION 21 - FIRE SUPPRESSION											
210000-001-1	210000-01s	Fire Protection	01/17/20	-	-	01/17/20			BER		<i>Inquiry about relevance due to Rebid</i>
DIVISION 22 - PLUMBING											
220000-001-1	220000-01s	Tight Tank	02/17/20	-	-	02/17/20	03/02/20	03/02/20	BER	AC	
220000-002-1	220000-02s	Water Heaters	02/17/20	-	-	02/17/20	03/02/20	03/02/20	BER	A	
220000-003-1	220000-03s	Pumps	02/17/20	-	-	02/17/20	03/02/20	03/02/20	BER	A	
220000-004-1	220000-04s	Pipe I.D.	02/17/20	-	-	02/17/20	03/02/20	03/02/20	BER	A	

SHOP DRAWING LOG

PROJECT: New Facility for the Carver Police Department, 3 Center Street, Carver, Massachusetts								STATE PROJECT No.:			
G.C.: Tower Construction Corporation								JHA PROJECT No.: 1830			
TEAM: JH Architects (JHA); Garcia-Galuska-DeSousa (GGD); Linden Landscape Architects (LLA); Szewczak Associates (SA); Paul Hawley Associates (PHA); CAMA (CAMA); Building Engineering Resources (BER)								G.C. PROJECT No.: 2252			
JHA SHOP DRAWING NUMBER	G.C. SHOP DRAWING NUMBER	DESCRIPTION	DATE REC'D	DATE SENT	DATE REC'D	DATE SENT	DATE REC'D	DATE RTN'D - To - G.C.	REVIEWER	ACTION / REMARK	COMMENTS
			- From - G.C.	- To - Owner	- From - Owner	- To - Consult	- From - Consult				
220000-005-1	220000-05s	Water Meter	02/17/20	-	-	02/17/20	03/02/20	03/02/20	BER	A	
220000-006-1	220000-06s	Cross Connection Points	02/17/20	-	-	02/17/20	03/02/20	03/02/20	BER	A	
220000-007-1	220000-07s	Pipe Supports	02/21/20	-	-	02/24/20	03/02/20	03/02/20	BER	A	
220000-008-1	220000-08s	Sleeves, Inserts, Fire Stopping & Escutcheons	02/21/20	-	-	02/24/20	03/02/20	03/02/20	BER	A	
220000-009-1	220000-09s	Pipe Materials	02/21/20	-	-	02/24/20	03/02/20	03/02/20	BER	A	
220000-010-1	220000-10s	Copper Pipe	02/21/20	-	-	02/24/20	03/02/20	03/02/20	BER	A	
220000-011-1	220000-11s	Sanitary Waste & Vent	02/21/20	-	-	02/24/20	03/02/20	03/02/20	BER	A	
220000-012-1	220000-12s	Press & Temp Control Devices	02/21/20	-	-	02/24/20	03/02/20	03/02/20	BER	A	
220000-013-1	220000-13s	Insulation	02/21/20	-	-	02/24/20	03/02/20	03/02/20	BER	A	
220000-014-1	220000-14s	Traps & Strainers	02/21/20	-	-	02/24/20	03/02/20	03/02/20	BER	AC	
220000-015-1	220000-15s	Thermometers & Pressure Gauges	02/21/20	-	-	02/24/20	03/02/20	03/02/20	BER	A	
220000-016-1	220000-16s	Wall Hydrants & Hose Bibbs	02/21/20	-	-	02/24/20	03/02/20	03/02/20	BER	A	
220000-017-1	220000-17s	Water Hammer Arrestors	02/21/20	-	-	02/24/20	03/02/20	03/02/20	BER	A	
DIVISION 23 - HVAC											
DIVISION 26 - ELECTRICAL											
260000-001-1	260000-01s	Fire Alarm System	02/12/20	-	-	02/12/20	02/14/20	02/14/20	BER	A/AC/RR	
260000-002-1	260000-02s	Engine Generator System	02/12/20	-	-	02/12/20	02/14/20	02/14/20	BER	AC/RR	
260000-003-1	260000-03s	Lightning Protection	02/12/20	-	-	02/12/20	02/14/20	02/14/20	BER	A/AC/RR	
260000-003-2	260000-03s Rev1	Lightning Protection	02/20/20	-	-	02/20/20	02/20/20	02/24/20	BER/JHA	A/AC	
260000-004-1	260000-04s	Storm Switch (ATS)	02/20/20	-	-	02/20/20	02/21/20	02/24/20	BER	AC	
DIVISION 27 - COMMUNICATIONS											
DIVISION 31 - EARTHWORK											
312500-001-1	312500-01s	Erosion Control	01/17/20	-	-	01/17/20	01/27/20	01/28/20	LLA	A	
312500-002-1	312500-02s	SWPPP	02/17/20	-	-	02/17/20	02/25/20	02/25/20	GGD	RR	

SHOP DRAWING LOG

PROJECT: New Facility for the Carver Police Department, 3 Center Street, Carver, Massachusetts								STATE PROJECT No.:			
G.C.: Tower Construction Corporation								JHA PROJECT No.: 1830			
TEAM: JH Architects (JHA); Garcia-Galuska-DeSousa (GGD); Linden Landscape Architects (LLA); Szewczak Associates (SA); Paul Hawley Associates (PHA); CAMA (CAMA); Building Engineering Resources (BER)								G.C. PROJECT No.: 2252			
JHA SHOP DRAWING NUMBER	G.C. SHOP DRAWING NUMBER	DESCRIPTION	DATE REC'D	DATE SENT	DATE REC'D	DATE SENT	DATE REC'D	DATE RTN'D	REVIEWER	ACTION / REMARK	COMMENTS
			- From - G.C.	- To - Owner	- From - Owner	- To - Consult	- From - Consult	- To - G.C.			
DIVISION 32 - EXTERIOR IMPROVEMENTS											
321313-001-1	033004-03s	Exterior Flatwork	02/19/20	-	-	02/19/20	02/24/20	02/24/20	LLA	A	
DIVISION 33 - UTILITIES											
330000-001-1	330000-01	Manhole and Precast Concrete Structure	01/08/20	-	-	01/08/20	01/16/20	01/17/20	GGD	RR	
330000-001-2	330000-01s	Manhole and Precast Concrete Structure	02/17/20	-	-	02/17/20	02/25/20	02/25/20	GGD	AC	
330000-002-1	330000-01s	Site Utilities	01/17/20	-	-	01/17/20	01/28/20	01/28/20	GGD	AC	
330000-003-1	330000-02s	Sewers and Pipes	01/17/20	-	-	01/17/20	01/24/20	01/24/20	GGD	RR	
330000-004-1	033004-01s	Concrete Ductbank	02/19/20	-	-	02/19/20	02/24/20	02/24/20	GGD	RR	
330000-005-1	330000-03s	K-RAP Base	02/27/20	-	-	02/27/20			GGD		Engineer RFI outstanding



**ON-SITE REPRESENTATIVE
DAILY REPORT**

PROJECT: Carver Police Station	PROJECT #:	Report Number: 01
---------------------------------------	-------------------	--------------------------

Contract Time:	Date:	2-11-2020
Days Elapsed:	Day:	Tuesday
Extensions:	Weather:	Heavy rain all day
Days Remaining:	Temperature Cycle at 7 AM:	34 – 42
Site Condition:	Sand site, appears to drain well	

Contractor	Workforce	
Dig – It Construction	No workers on site today	0
Total Workforce		0

Miscellaneous Others		
Total Misc. Workforce		

Construction Activity:

- No work on site today due to wet weather

Clerk's remarks:

- Site has been cleared, perimeter fence installed around entire site. Installation of silt fence & filter socks also installed at site perimeter inside the fence.
- Stopped at Town Hall twice to pick up plans / specs. Bill nor Mike were in at the time. Will try again tomorrow.

Site Visitors/Meetings:

Deliveries:

- Materials previously delivered to the site include the subsurface infiltration system, pipe, fabric, frames & grates / covers for the drainage & system.

Equipment Used:



**ON-SITE REPRESENTATIVE
DAILY REPORT**

PROJECT: Carver Police Station	PROJECT #:	Report Number: 03
---------------------------------------	-------------------	--------------------------

Contract Time:	Date:	2-13-2020
Days Elapsed:	Day:	Thursday
Extensions:	Weather:	Rain
Days Remaining:	Temperature Cycle at 7 AM:	34-44
Site Condition:	Some standing water	

Contractor	Workforce	
Dig – It Construction	Foreman	1
	Laborer	1
	Total Workforce	2

Miscellaneous Others	
	Total Misc. Workforce

Construction Activity:

- Contractor was on site to do layout only of the subsurface infiltration beds. Surveyor was expected to be on site also but was a no show.

Clerk's remarks:

- Discussed the project with the site contractor foreman (Jason), plans to start work on the site drainage tomorrow.

Site Visitors/Meetings:

- Bill Harriman w/ the Town Building Committee was on site to deliver the plans & specs to me.

Deliveries: none

Equipment Used: none



**ON-SITE REPRESENTATIVE
DAILY REPORT**

PROJECT: Carver Police Station	PROJECT #:	Report Number: 8
---------------------------------------	-------------------	-------------------------

Contract Time:	Date: 2-21-2020	
Days Elapsed:	Day: Friday	
Extensions:	Weather: sun / clouds	
Days Remaining:	Temperature Cycle at 7 AM:	
Site Condition:	Dry	

Contractor	Workforce	
Total Workforce		0

Miscellaneous Others	
Total Misc. Workforce	

Construction Activity: No activity on site today, crew was sent to an emergency job elsewhere.

Clerk's remarks: Time spent today in the office catching up on reports & reviewing the project plans & specs.

Site Visitors/Meetings:

Deliveries:

Equipment Used:



**ON-SITE REPRESENTATIVE
DAILY REPORT**

PROJECT: Carver Police Station	PROJECT #:	Report Number: 9
---------------------------------------	-------------------	-------------------------

Contract Time:	Date: 2-24-2020	
Days Elapsed:	Day: Monday	
Extensions:	Weather: Sunny	
Days Remaining:	Temperature Cycle at 7 AM: 39-56 deg.	
Site Condition:	Dry	

Contractor	Workforce	
Dig -It Construction	Foreman	1
	Operators	1
	Laborers	3
Frank Corp. Environmental Service	Foreman	1
	operator	1
	laborers	5
Turner Construction	Superintendent	1
Total Workforce		13

Miscellaneous Others		
, River Hawk Environmental	Environmental Scientist	1
Total Misc. Workforce		1

Construction Activity:

- Frank Corp Environmental Services on site at 8:15 a.m. to remove the recently discovered underground steel tanks (2). The large tank was found to be empty & dry, the smaller tank contained approx. 200 gallons of old petroleum product which was pumped out into 55 gal. drums & removed from the site. Both tanks were excavated and set on grade where they were examined by the Env. Scientist & Carver Fire Chief. Soils around the tanks did not appear to contain petroleum product, soil samples tested on site by the scientist were negative. Approval was given by the Fire chief to remove the tanks from the site, tanks were loaded onto flat bed & trucked away. OK to continue with sitework in these areas.
- Dig – It Construction continued with misc. site work (moving dirt, grading of site) while waiting for the tanks to be tested & removed from the site. Layout of sand infiltration bed # 3 (SIB#3) completed & excavation started prior to end of the day @ 3:30 p.m. Will continue w/ work on SIB#3 tomorrow morning.

Clerk's remarks:

- Permits for the tank removal were obtained by Frank Corp. from Carver Fire Dep't. as required. Technically not part of this project.

Site Visitors/Meetings: Bill Harriman, Dave Siedentopf

Deliveries: One of two job trailers for Turner was delivered to the site & set up in the northwest corner of the site.

Equipment Used: CAT Excavator 335F, Volvo Loader L120H, dump truck, CAT dozer D5K



**ON-SITE REPRESENTATIVE
DAILY REPORT**

PROJECT: Carver Police Station	PROJECT #:	Report Number: 10
---------------------------------------	-------------------	--------------------------

Contract Time:	Date: 2-25-2020	
Days Elapsed:	Day: Tuesday	
Extensions:	Weather: Cloudy	
Days Remaining:	Temperature Cycle at 7 AM: 38 -45 deg.	
Site Condition:	Dry	

Contractor	Workforce	
Dig -It Construction	Foreman	1
	Operators	1
	Laborers	4
Turner	Superintendent	1
Total Workforce		7

Miscellaneous Others	
Total Misc. Workforce	

Construction Activity:

- Dig – It Construction continued with installation of sand infiltration bed # 3 (SIB#3). Completed excavation & installed 6” stone base. Fabric set in place & chambers installed as were the observation risers & 6” PVC manifolds w/ inlets per plan. Stone backfill to six inches above the top of the chambers, covered with fabric topped w/ approx. 18” of sand in two lifts, compacted with drum roller. All work per plan. Contractor spent the remainder of the day raising the site elevation using stockpiled material on site. Material was then graded & compacted with the drum roller. Done for the day at 3:00 p.m.
- Turner superintendent on site setting up the job trailers. The second trailer was delivered late yesterday.

Clerk’s remarks:

Site Visitors/Meetings: Bill Harriman, Dave Siedentopf, Joe Sullivan

Deliveries:

Equipment Used:

- CAT Excavator336E, CAT Dozer D5K, Volvo Loader L120H, Volvo dump truck, Skid steer, Drum Roller



**ON-SITE REPRESENTATIVE
DAILY REPORT**

PROJECT: Carver Police Station	PROJECT #:	Report Number: 11
---------------------------------------	-------------------	--------------------------

Contract Time:	Date:	2-26-2020
Days Elapsed:	Day:	Wednesday
Extensions:	Weather:	Cloudy / Occasional. showers
Days Remaining:	Temperature Cycle at 7 AM:	38 – 45
Site Condition:	Moist	

Contractor	Workforce	
Dig – It Construction	Foreman	1
Turner Construction	Superintendent	1
	Total Workforce	2

Miscellaneous Others	
	Total Misc. Workforce

Construction Activity:

- Dig-It Const.: Not much activity on site today due to lack of necessary materials. Deliveries expected over the next couple days. Crew sent to another job. The Foreman spent the day reconstructing the construction entrance pad at the south end of the site. He also reestablished the silt fence at the entire site perimeter & regraded the entire site which included moving on site excavated material to low areas where needed.
- Turner Construction: Superintendent on site, spent day setting up the two job trailers which were delivered this week. Plans to start foundations next Monday, 3/2/20.

Clerk's remarks:

Site Visitors/Meetings:

Deliveries:

Equipment Used: Volvo L120H Loader, CAT D5K Dozer, Drum roller



**ON-SITE REPRESENTATIVE
DAILY REPORT**

PROJECT: Carver Police Station	PROJECT #:	Report Number: 12
---------------------------------------	-------------------	--------------------------

Contract Time:	Date: 2-27-2020	
Days Elapsed:	Day: Thursday	
Extensions:	Weather: Heavy rain / wind	
Days Remaining:	Temperature Cycle at 7 AM: 37 – 44 deg.	
Site Condition:	Wet / standing water	

Contractor	Workforce	
Total Workforce		

Miscellaneous Others	
Total Misc. Workforce	

Construction Activity: Due to the heavy rain, there is no construction activity on site today. Spoke w/ Dig – It Construction foreman on the phone. He informed me that since drainage structures have not been delivered, there will not be any work on site tomorrow (Friday) either. He will return to the site on Monday.

Clerk's remarks:

Site Visitors/Meetings:

Deliveries: none

Equipment Used: none