

**ADDENDUM TO PROPOSAL DOCUMENT(S)**

**ADDENDUM NUMBER:** #1      **DATE OF ISSUANCE:** 2/20/2020      **PAGE NUMBER:** 1 of 5

**PROPOSAL NUMBER & TITLE:** 20-094P Design Central Landfill Warm Storage Addition

**ISSUING OFFICE:**



Purchasing Division  
Matanuska-Susitna Borough  
350 East Dahlia Avenue  
Palmer, Alaska 99645  
Phone: 907-861-8601  
Facsimile: 907-861-8617  
Email: purchasing@matsugov.us

**PREVIOUS ADDENDUM ISSUED:** NA

Addendum Number	Date of Issuance

**DEADLINE FOR SUBMISSION OF QUESTIONS:**

As Advertised: 2/19/2020 @ 5:00 PM  
Revised by Addendum Number: NA  
Revised to: NA

**DATE AND HOUR OF PROPOSAL CLOSING:**

As Advertised: 2/25/2020 @ 4:00 PM  
Revised by Addendum Number: NA  
Revised to: NA

The following corrections, changes, additions, deletions, revisions, and/or clarifications are hereby made a part of the Contract Documents. In case of conflicts between this Addendum and previously issued Documents, this Addendum shall take precedence. **The proposer must acknowledge receipt of this Addendum in the space provided on the Submittal Page**, failure to do so may subject the proposer to **disqualification**.

**CLARIFICATIONS RESULTING FROM PROPOSER'S QUESTIONS:**

- Q: RFP relevant project experience states to list three recently completed projects. Can MSB provide a number for what the MSB will consider recent? Should we not include projects that are 10 years old? 5 years?  
A: Within the last 5 years.
- Q: Are cost estimates to be provided?  
A: The statement of probable construction cost estimates are not needed at this time, they can be developed once a firm is under contract.
- Q: Is there any available subsurface geotechnical information for the existing building or other nearby infrastructure?  
A: Yes, see attachment "D" of the RFP documents.
- Q: Was the existing pre-engineered metal building originally designed to accommodate this addition?  
A: No, not to our knowledge.
- Q: What size sectional doors are required for the largest piece of equipment? New eave height will be 16'-8" if we follow the existing slope.  
A: 12' minimum ht. x 12' wide
- Q: What is the existing building foundation type  
A: See attachment #1 to this addendum for foundation drawings.

**ADDENDUM ATTACHMENTS:**

- Foundation Drawings (4 pages)

**END OF ADDENDUM**

**APPROVED BY:** Signature on File

## FOUNDATION NOTES

### GENERAL

ALL MATERIALS, WORKMANSHIP AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THE STRUCTURAL DRAWINGS AND NOTES LISTED BELOW. MINIMUM PROVISIONS OF THE 2000 INTERNATIONAL BUILDING CODE AND LOCAL AMENDMENTS SHALL APPLY WHERE DETAILS ARE NOT SHOWN OR DESCRIBED. OTHER APPLICABLE CODES AND STANDARDS ARE GIVEN BELOW.

### DESIGN LOADS -

DESIGN LOADS FOR THE METAL BUILDING ARE FOUND IN THE WRITTEN SPECIFICATION. COLUMN REACTIONS FOR THE FOUNDATION DESIGN HAVE BEEN PROVIDED BY HCI.

### FOUNDATIONS -

A GEOTECHNICAL REPORT FOR THE SITE WAS NOT PROVIDED BY THE OWNER. THE FOUNDATION DESIGN IS BASED ON AN ASSUMED ALLOWABLE SOIL BEARING PRESSURE OF 3000 PSF. THE FOUNDATION IS ASSUMED TO BE PLACED ON UNDISTURBED, NON-FROST-SUSCEPTIBLE SOIL OR ON COMPACTED STRUCTURAL FILL. THE OWNER SHOULD RETAIN A GEOTECHNICAL ENGINEER TO VERIFY CONDITIONS AND TO PROVIDE RECOMMENDATIONS.

### CONCRETE -

A CONCRETE MIX DESIGN SHALL BE SUBMITTED 15 DAYS BEFORE PLACEMENT. MIX SHALL BE PROPORTIONED SO AS TO HAVE 28-DAY STRENGTH LISTED BELOW.

CONCRETE MIX DESIGN REQUIREMENTS		
USE	FUTURE SLABS ON GRADE	FOUNDATIONS
F'c (28 DAYS)	4000 PSI	3500 PSI
MIN CEMENT / CY	6 SACK	5 1/2 SACK
MAX W/C RATIO	0.45	0.50
MAX SLUMP	3"	5"

CEMENT SHALL BE ASTM C150, TYPE I OR TYPE III. AGGREGATES SHALL CONFORM TO ASTM C33. WATER SHALL BE POTABLE.

USE WATER-REDUCING ADMIXTURE IN ALL CONCRETE. USE ACCCELERATING ADMIXTURE IN CONCRETE PLACED BELOW 50 DEGREES F. USE AIR-ENTRAINING ADMIXTURE IN ALL CONCRETE.

READY-MIX CONCRETE SHALL COMPLY WITH THE REQUIREMENTS OF ASTM C-94.

FOUNDATIONS AND OTHER STRUCTURAL CONCRETE SHALL HAVE A STRENGTH OF  $F_c=3500$  PSI @ 28 DAYS WITH A MINIMUM OF 5-1/2 SACKS OF CEMENT PER CU. YD. AND A MAXIMUM WATER/CEMENT RATIO OF 0.50.

CONCRETE SHALL BE PLACED PROPERLY SO AS TO AVOID SEGREGATION, AND IN ACCORDANCE WITH ACI 304. HONEYCOMBING OR POCKETS; SURFACES WHERE EXPOSED SHALL BE LEFT SMOOTH AND FREE FROM PROTRUDING FINS, RIDGES AND IRREGULARITIES.

CONCRETE SHALL BE KEPT MOIST AT LEAST 7 DAYS AFTER POURING, AND PROTECTED FROM FREEZING OR RAPID DRYING.

### SPECIAL INSPECTIONS -

THE OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PERFORM PERIODIC INSPECTIONS OF THE FOLLOWING TYPES OF WORK IN ACCORDANCE WITH IBC CHAPTER 17.

1. REINFORCNG STEEL PLACEMENT, ANCHOR BOLT PLACEMENT, DRILLED IN CONCRETE ANCHORS.



1506 West 36th Avenue  
Anchorage, Alaska 99503  
Phone: 907.561.1011  
Fax: 907.563.4220  
www.pndengineers.com



Mat Su Central Landfill

Storage Facility

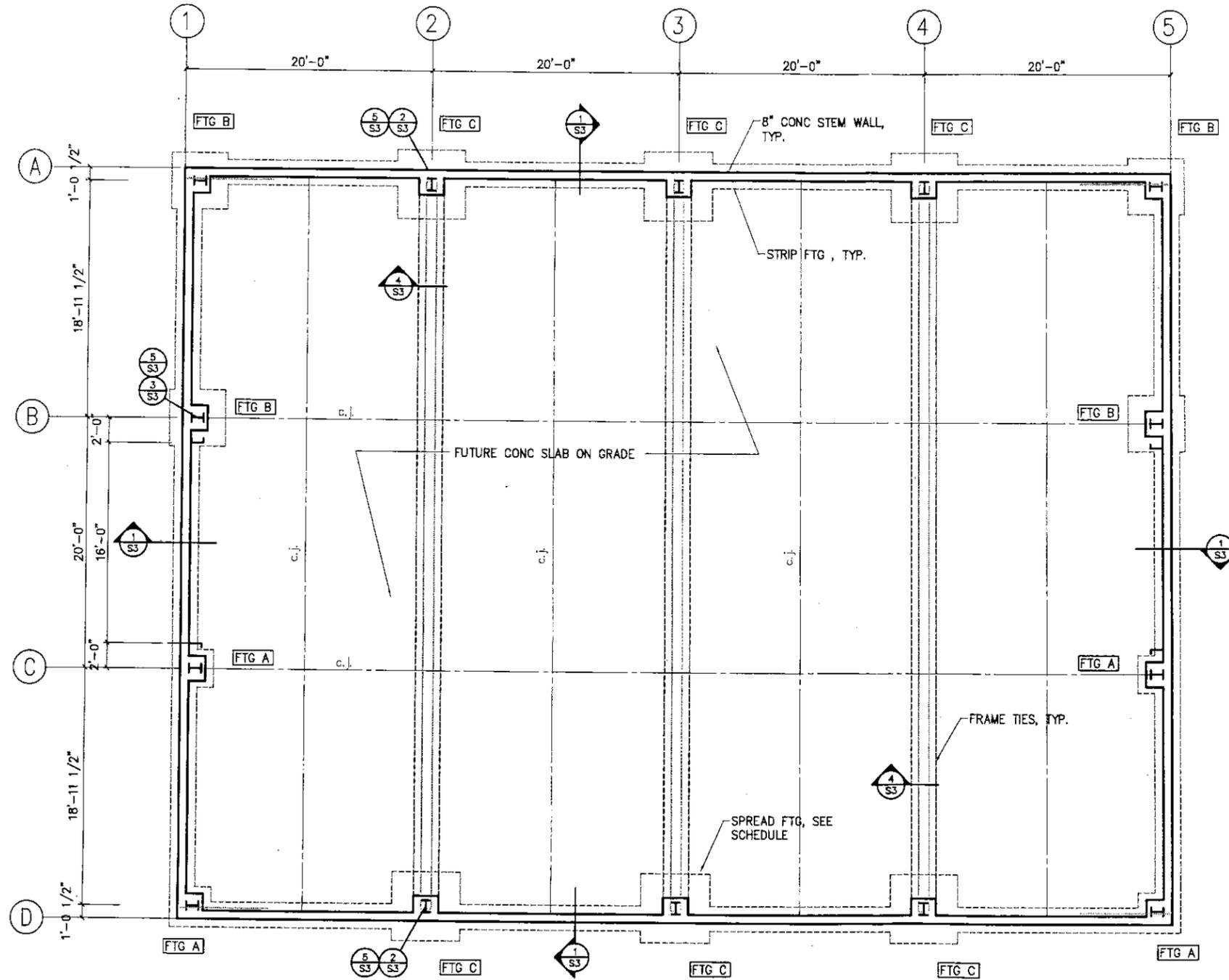
PROJECT:

SHEET:

Pentavich, Nottingham, and Droge, Inc. (PND) is not responsible for safety programs, methods or procedures of operation, or the construction of the design shown on these drawings. Where specifications are general or not called out, the specifications shall conform to standards of industry. Drawings are for use on this project only and are not intended for reuse without written approval from PND. Drawings are also not to be used in any manner that would constitute a claimant directly or indirectly to PND.

DESIGNED BY:	BH
DRAWN BY:	WAY
CHECKED BY:	CK
DATE:	3/31/04
PROJECT NO.	041046
SHT NO.	

CAD File: J:\2004\041046 Central Landfill Storage 816g\Structural\Draws\52.dwg, [Plotted: Tue, 13 Apr 2004 - 10:18am]



**FOUNDATION PLAN**  
SCALE 1/8" = 1'-0"

**SHEET NOTES:**

REFERENCE ELEVATION FOR FLOOR SLAB IS 100'-0".  
REFER TO CIVIL DRAWINGS FOR ACTUAL SLAB  
ELEVATION.

FOOTING SCHEDULE			
FTG MARK	FTG SIZE	DEPTH	REINFORCING
FTG A	3'-0"x3'-0"	1'-6"	4-#5 BARS EA WAY, BOTTOM MAT
FTG B	4'-6"x4'-6"	1'-6"	6-#5 BARS EA WAY, TOP & BOT MATS
FTG C	5'-6"x5'-6"	1'-6"	7-#5 BARS EA WAY, TOP & BOT MATS

C.J. INDICATES SAWN CONTROL JOINT IN FUTURE SLAB  
ON GRADE.

1506 West 36th Avenue  
Anchorage, Alaska 99503  
Phone: 907.561.1011  
Fax: 907.563.4220  
www.pndengineers.com



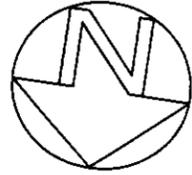
**Mat Su Central Landfill**

**Storage Facility**

PROJ: 041046  
REV. DATE DESCRIPTION  
1. 3/31/04

DESIGNED BY: BH  
DRAWN BY: WAY  
CHECKED BY: CK  
DATE: 3/31/04  
PROJECT NO. 041046  
SHT NO.





- #1 Circuit Receptical
- #2 Circuit Receptical
- #3 CO2 Detection
- #4 Emergency Exit
- Sign/Light
- #5 Heater Circuit
- #6 Overhead Operator
- #7 220v Welders (2)
- #8 Head Bolt Heater
- #9 Exterior Light Circuits
- #10 Overhead Lights

- 16'x16' Metal Overhead Door
- Overhead Door
- 20 lb ABC Dry Chemical Fire Extinguisher w/support
- Enstar - Natural Gas Meter
- Metal Halide Lights (typ)

16'x16' Metal Overhead Door

Steppers Const., Inc.

SCALE: NTS		APPROVED BY: RHENRY		Date: 07/07/2004	
Drawn by: RFH		REVISID: 08/09/04		Matonuska-Sustina Borough Storage Facility	
DRAWING NO: C1 - Rev B.					

