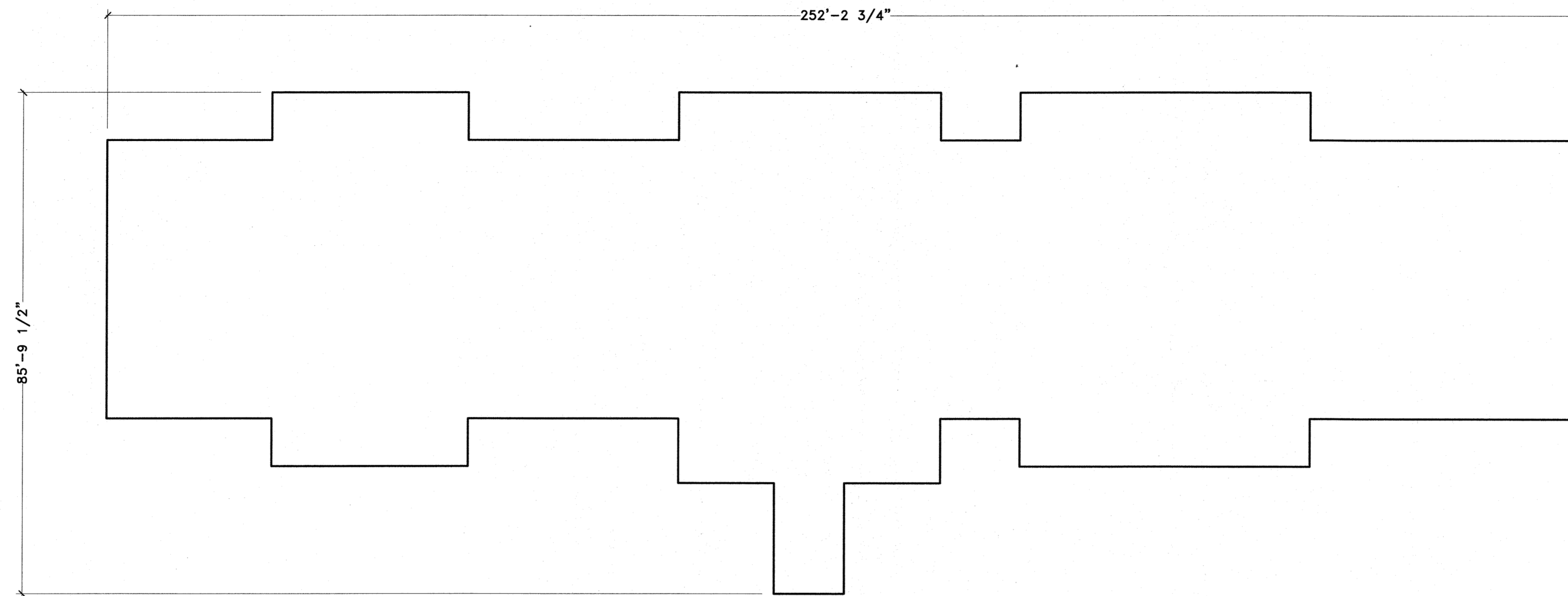
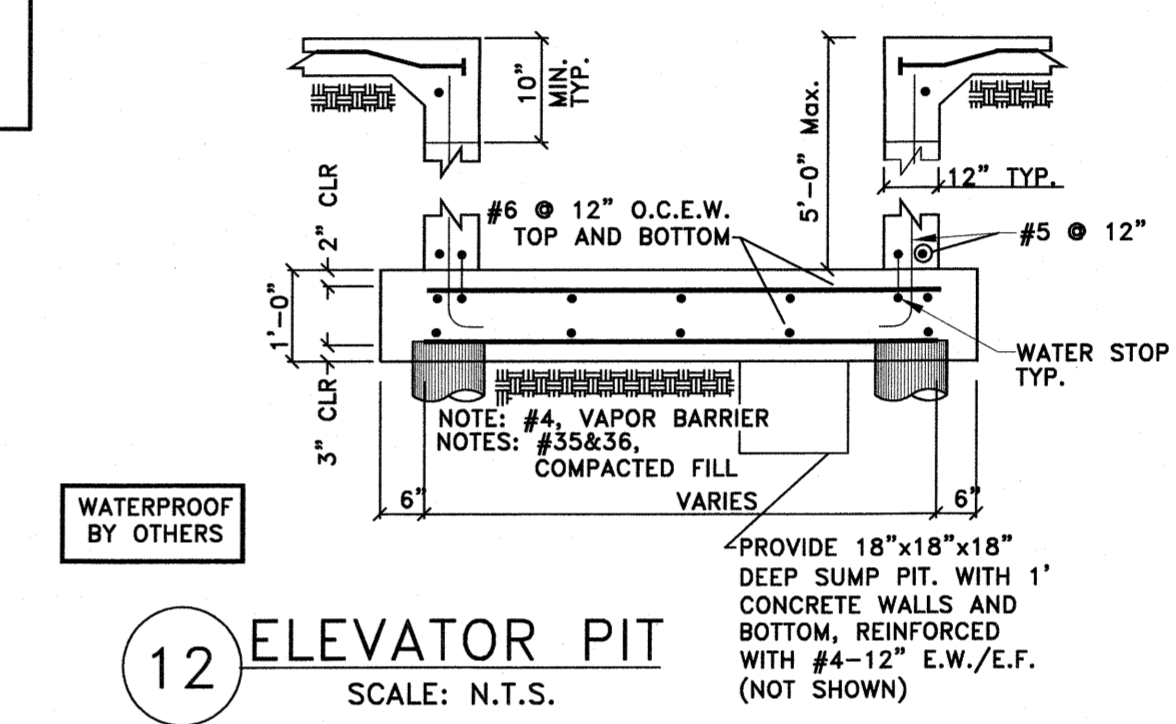
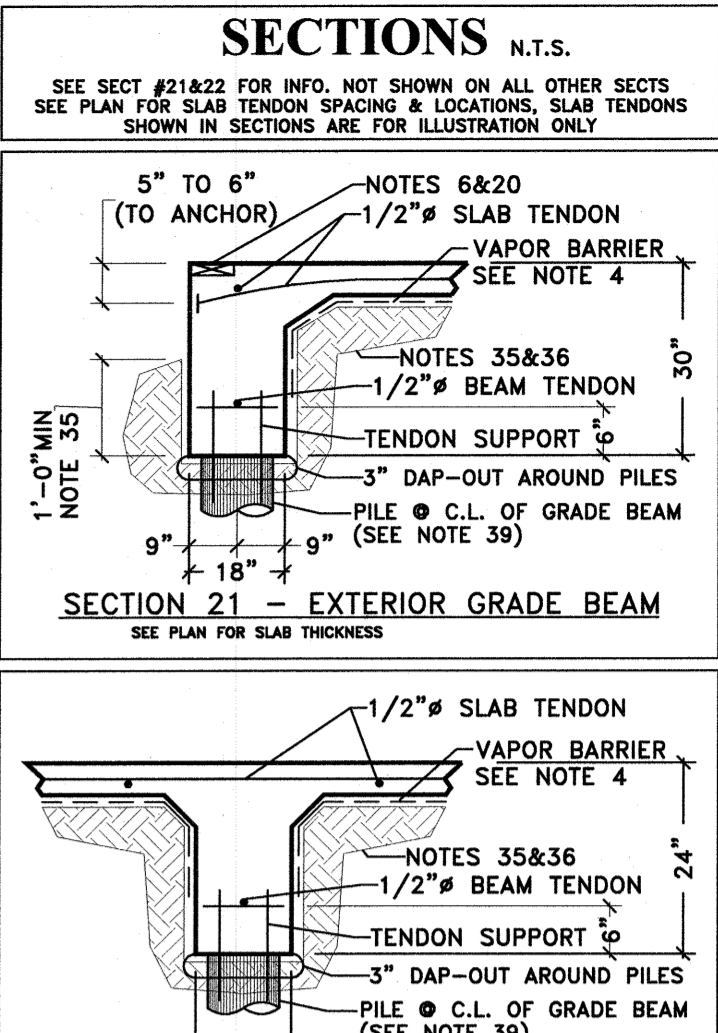
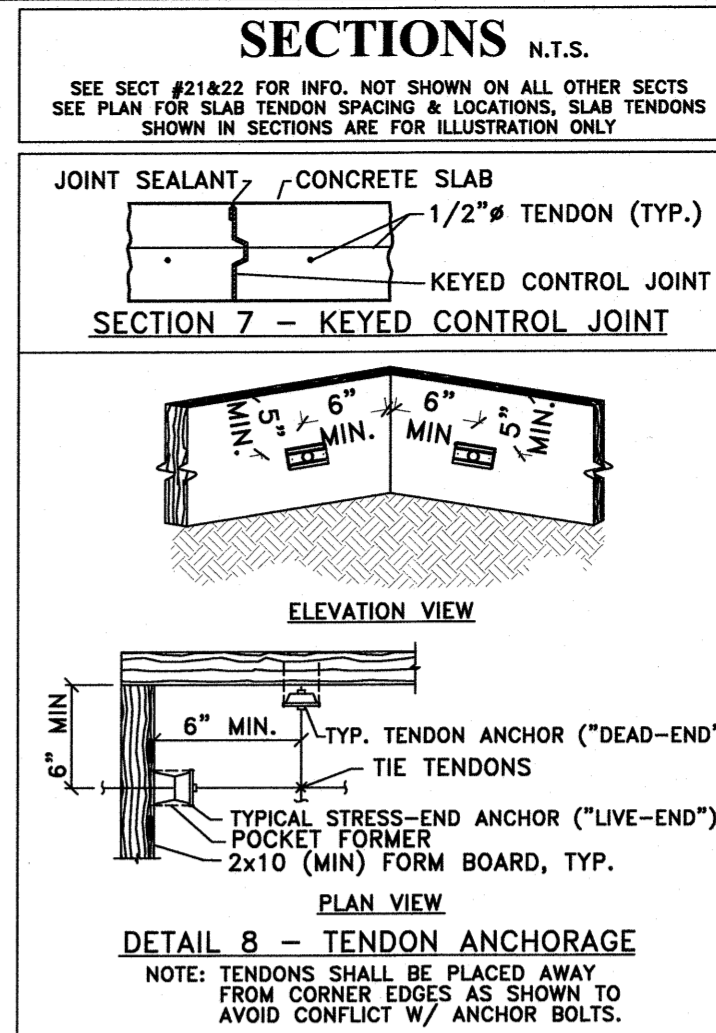


LEGEND	
	= Single End Stressing
	= Double End Stressing
	PILE: See plan
	RECESSED: Highlighted areas may be recessed (See Architectural)
	REBAR: This Beam to be 4 #5 Rebar. (2 Top, 2 Bottom) w/6x6 W4/4 ties @ 18" o.c.
	WWF: WWF 6x6 W4/4 ties (Place on top of tendons or at mid-depth of slab)



KEY PLAN



**INSTALLER NOTES**

PILES

- GENERAL NOTES:**
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  - Contractor shall thoroughly consolidate concrete, especially at tendon anchorages.
- CONCRETE CURING**
- Contractor shall cure concrete in accordance with ACI-308 (latest edition as appropriate) immediately after finishing to control shrinkage cracking.
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- FORMWORK**
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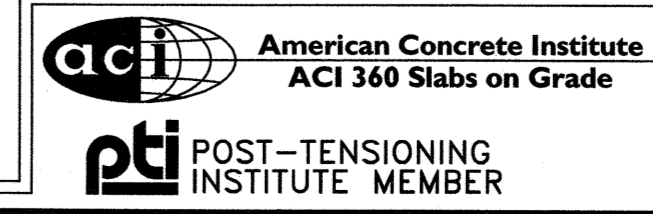
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**McMath Construction**  
Mainstay Suites  
Highway 27  
Cameron Parish  
Hackberry, Louisiana

**COAST CONCRETE SERVICES, INC.**  
29072 Krentel Road, Lacombe, LA 70445  
800-641-3690, 985-882-8001, Fax 985-882-1534

Date:	Sq. Ft.	Sales Rep.	Drawn By	Project Number
06/28/16	14,448	HA	MD	16-1253
Sheet Description				Sheet Number
Notes, Sections, Details				<b>S-1 of 3</b>



**LEGEND**

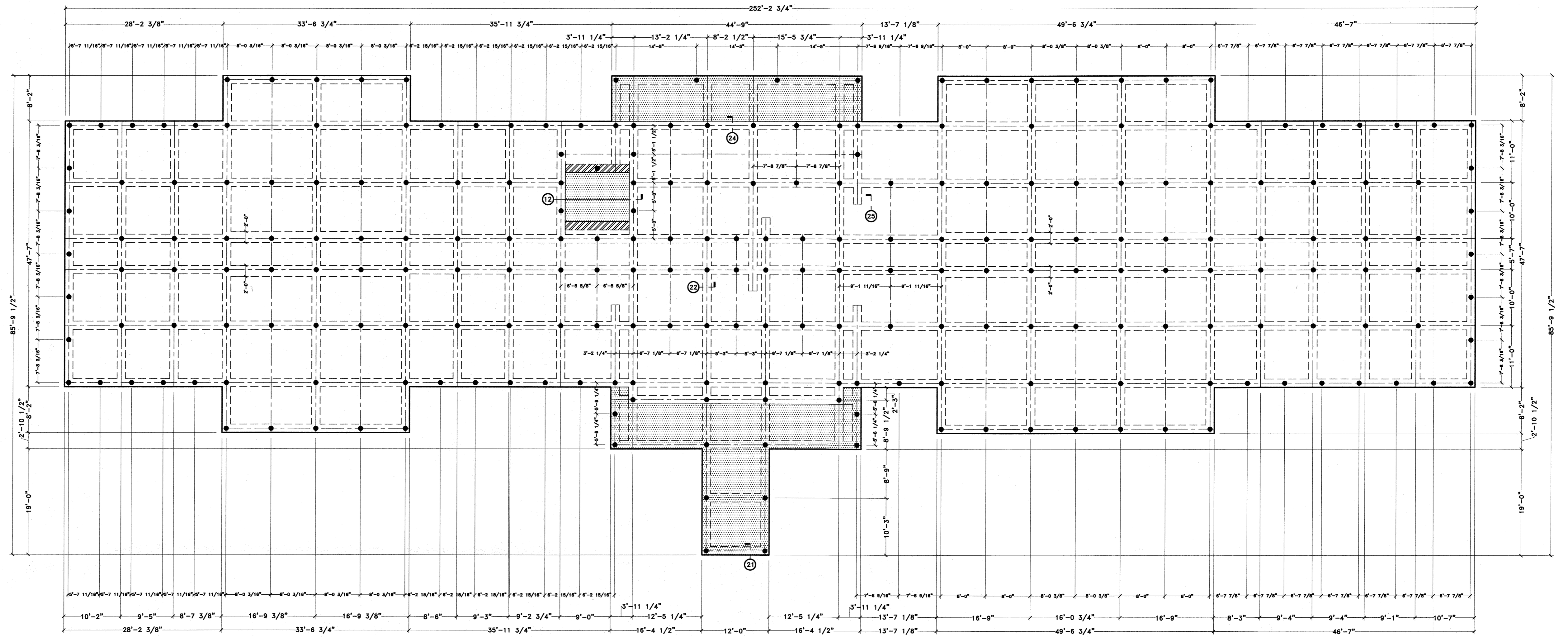
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**INSTALLER NOTES**

PILES

**Pile Plan**      3/32"=1'-0"

240 PILES REQUIRED  
15 TON DESIGN LOAD  
PILES SHALL BE CLASS B PILES  
MINIMUM TIP EMBEDMENT INTO NATURAL SOIL = 30'-0"

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STATE OF LOUISIANA  
PERCY A. FREEMAN, JR.  
LICENSE NO. 39573  
PROFESSIONAL ENGINEER  
CIVIL ENGINEERING

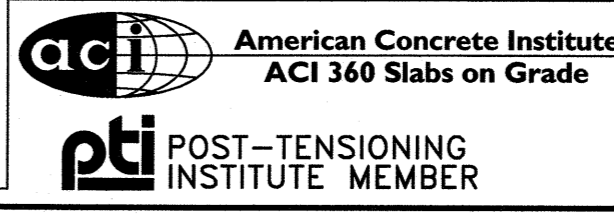
REVISION	DESCRIPTION	DATE	BY
1	REVISED PILE LAYOUT	06/30/16	MD

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Date:	Sq. Ft.	Sales Rep.	Drawn By	Project Number
06/28/16	14,448	HA	MD	16-1253

Sheet Description: Pile Plan Notes      Sheet Number: S-2 of 3



**LEGEND**

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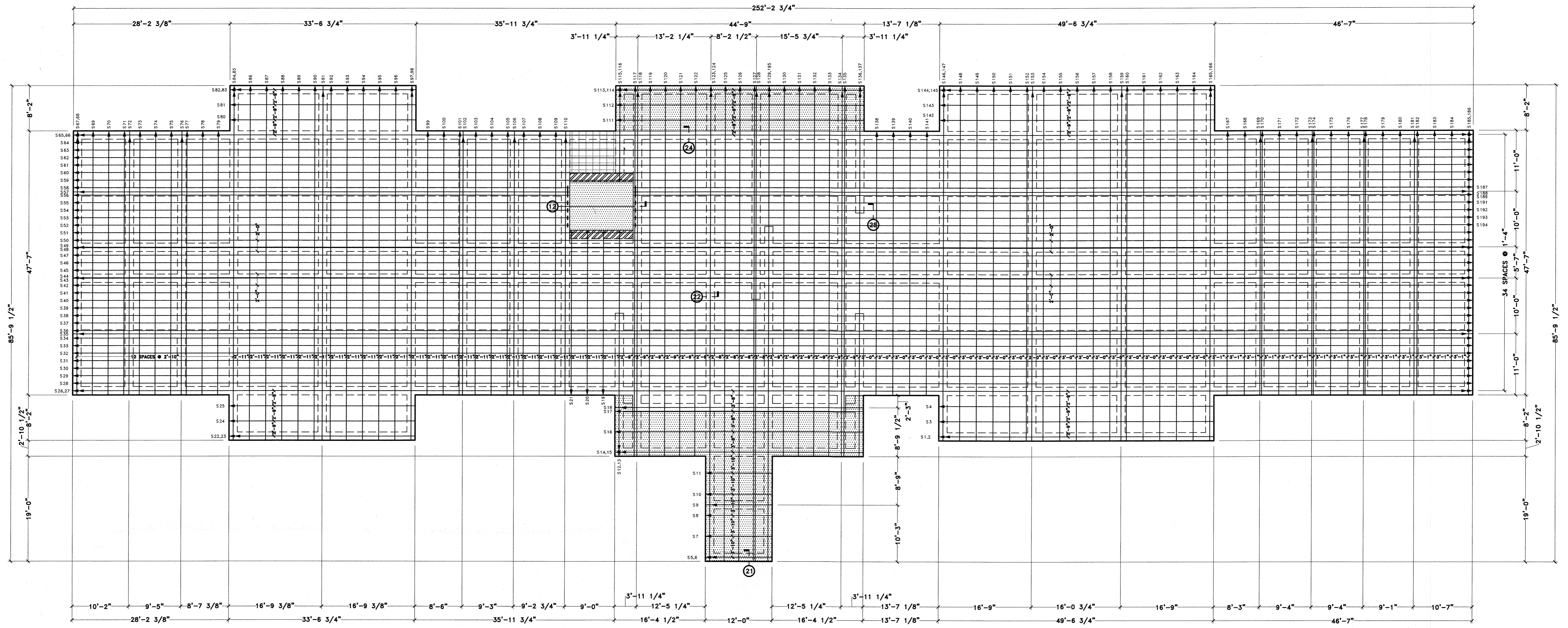
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**~ELONGATION CHART~**

Tendon Numbers	Quantity	Length	Calculated Elongation	+10%	-10%	
S1 to S4	4	49'	7"	3 7/8	4 1/4	3 1/2
S5 to S11	7	12'	0"	3/4	7/8	5/8
S12 to S13	2	40'	9"	3 1/8	3 1/2	2 3/4
S14 to S18	5	44'	9"	3 1/2	3 7/8	3 1/8
S19 to S21	3	29'	8"	2 1/4	2 1/2	2"
S22 to S25	4	33'	7"	2 5/8	2 7/8	2 3/8
S26 to S51	26	252'	3"	20 1/8	22 1/8	18 1/8
S52 to S58	7	89'	6"	7 1/8	7 7/8	6 3/8
S59 to S66	8	252'	3"	20 1/8	22 1/8	18 1/8
S67 to S79	13	47'	7"	3 3/4	4 1/8	3 3/8
S80 to S83	4	33'	7"	2 5/8	2 7/8	2 3/8
S84 to S96	15	63'	11"	5 1/8	5 3/8	4 5/8
S99 to S110	12	47'	7"	3 3/4	4 1/8	3 3/8
S111 to S114	4	44'	9"	3 1/2	3 7/8	3 1/8
S115 to S116	2	17'	4"	1 1/8	1 1/4	1"
S117 to S122	6	66'	10"	5 3/8	5 7/8	4 7/8
S123 to S129	7	85'	10"	6 7/8	7 1/2	6 1/4
S130 to S137	8	66'	10"	5 3/8	5 7/8	4 7/8
S138 to S141	4	47'	7"	3 3/4	4 1/8	3 3/8
S142 to S145	4	49'	7"	3 7/8	4 1/4	3 1/2
S146 to S166	21	63'	11"	5 1/8	5 3/8	4 5/8
S167 to S185	20	47'	7"	3 3/4	4 1/8	3 3/8
S187 to S194	8	151'	4"	12 1/8	13 3/8	10 7/8
S195 to S195	1	85'	10"	6 7/8	7 1/2	6 1/4

Total Cable If w/o Tails = 18025' - 10"

Total Number of Cuts = 195



**FOUNDATION PLAN** 3/32"=1'-0"

4" THICK CONCRETE SLAB  
(CONCRETE: 3,000 PSI MIN. COMPRESSIVE STRENGTH AT 28 DAYS)  
1 LAYER OF 6 MIL. VAPOR BARRIER  
MAX. FILL HEIGHT ALLOWED = 20 INCHES

**INSTALLER NOTES**

PILES

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  - All tendons in excess of 110' in length are intended to be stressed to 33.0 kips from both sides.
  - Post-Tension tendons may be stressed in any sequence and the dead and live ends of the tendons may be reversed from that shown at the convenience of the post-tension contractor.
  - Installation sequence of conventional and post-tension reinforcing must be coordinated by general contractor & installer. When any conflict occurs between location of tendon and location of mild steel reinforcing, location of tendon shall take precedence.

- GEOTECHNICAL**
- Fill and site preparation shall be in accordance with soil report by Daniel J. Holder, P.E., Inc. dated 08/22/15; addendum 09/18/16. The foundation design on this plan is for a maximum fill height as noted on the plan. Placement of fill in excess of this amount will void engineer's design and hold engineer harmless if differential settlement occurs.
  - Soil compaction is the responsibility of Contractor/Owner. Compaction shall be in accordance with ASTM D698. Owner should obtain soil report to verify conditions prior to construction. Failure to properly test or compact soil will void engineer's design and hold engineer harmless if differential settlement occurs.
  - Contractor/Owner shall protect foundation from the effects of moisture evaporation due to tree's adjacent to the structure. Denying replenishment of moisture to the soil results in a loss and consequent shrinkage of the soil mass. Such shrinkage promotes differential settlement & structure cracking.
  - The contractor/homeowner shall maintain positive drainage away from the foundation at all times. All runoff water shall be carried away from the slab to prevent saturation of the foundation sub-base fill at all times during construction & throughout the life of the structure. Installation of flowerbeds must not collect water at foundation edges. It is recommended the general contractor inform the owner of these requirements at the time the property title is transferred (see chapters 12 & 13 of "Construction & Maintenance Procedures Manual for Post-Tensioned Slab-on-Ground Construction" by the Post-Tensioning Institute).
- PILES**
- Pile size and tip embedment shall be as indicated on plan unless driven to refusal (refusal shall be as specified in geotechnical report/building code). Piles are not to be vibrated. Timber piles shall be per ASTM D25 and shall meet AWWA standards C3-92 for preservative retention. The owner/contractor shall verify the size of each pile used and keep a log of the driving record of each pile. Only license pile driving contractors shall be used for pile installation. Failure to adhere to any of these specifications will void the engineer's design and hold engineer harmless if differential settlement occurs.

3			
2			
1	REVISED PILE LAYOUT	06/30/18 MD	
REV	DESCRIPTION	DATE	BY

**McMath Construction**  
 Mainstay Suites  
 Highway 27  
 Cameron Parish  
 Hackberry, Louisiana

**COAST CONCRETE SERVICES, INC.**  
 29072 Krentel Road, Lacombe, LA 70445  
 800-641-3690, 985-882-8001, Fax 985-882-1534

Date:	Sq. Ft.	Sales Rep.	Drawn By	Project Number
06/28/16	14,448	HA	MD	16-1253
Sheet Description	Tendon Plan			Sheet Number
Notes				S-3 of 3

