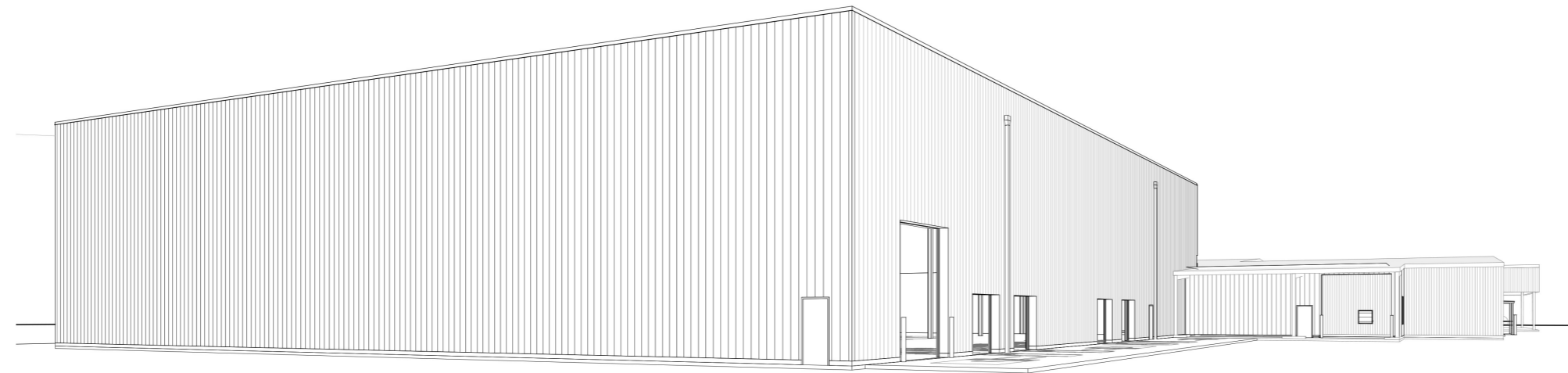


LONESTAR DOCK PRODUCTS

2623 FM-161, Hughes Springs, TX 75656



VICINITY MAP



PERMIT ISSUE - PRICING SET | FEBRUARY 23, 2024

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ARCHITECT
PEREZ
 ARCHITECTURE STUDIO
 PLANNING | ARCHITECTURE | INTERIORS
 PEREZ ARCHITECTURE STUDIO, LLC
 MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS | TEXAS SOCIETY OF ARCHITECTS
 MESQUITE, TEXAS 75149
 214.718.0584
 julio@parchstudio.com

LONESTAR DOCK PRODUCTS
 ADDRESS
 2623 FM-161
 Hughes Springs, TX 75656

OWNER
LONESTAR REALTY (ADVISED BY GUS OF IDEAL)
 1501 S Mopac Expy Ste 220
 Austin, TX 78746
 289.682.7245
 gbonenfant@idealwarehouse.com
 CONTACT: Gabriel Bonenfant

MAILING ADDRESS
 1 Royal Gate Blvd, Unit 1
 Vaughan, ON
 Canada, L4L 8Z7

CONTRACTOR
TEXAS BUILT CONSTRUCTION, LLC
 860 Hembry St, Ste 401
 Lewisville, TX 75057
 469.615.1901
 n.folse@tbbuiltconstruction.com
 CONTACT: Nick Folse

STRUCTURAL
YORK ENGINEERING SERVICES
 801 Sandy Trail
 Keller, TX 72648
 817.266.2042
 devon@york-engineering.com
 CONTACT: Devon York

MEP
APE ENGINEERING
 1340 Dove Drive
 Midlothian, TX 76065
 972.351.7550
 ruslaquey@yahoo.com
 CONTACT: Russell Laquey

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JULIO PEREZ, AIA
 TX REF. NO. 25338

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REV.	DATE	ISSUE

202324
 PROJECT NUMBER
COVER SHEET

G1
 SHEET NUMBER

2018 IBC SCHEDULE OF STRUCTURAL SPECIAL INSPECTIONS

1. SPECIAL INSPECTIONS / TESTING:
 - 1.1. "SPECIAL STRUCTURAL INSPECTION" SHALL NOT RELIEVE THE OWNER OR THEIR AGENT FROM REQUESTING THE JURISDICTION BUILDING DEPARTMENT INSPECTIONS REQUIRED BY SECTION 109 OF THE IBC. SPECIAL INSPECTION WORK AND THE FINAL LETTER OF COMPLIANCE HAVE NOT BEEN INCLUDED IN THE STRUCTURAL ENGINEER OF RECORD'S SCOPE OF SERVICES. THE OWNER IS RESPONSIBLE FOR OBTAINING THE SERVICES OF THE SPECIAL INSPECTOR AND THE TESTING LABORATORY. SPECIAL INSPECTIONS CAN BE PROVIDED BY AN INDEPENDENT SPECIAL INSPECTOR APPROVED BY THE BUILDING AUTHORITY OR BY THE ENGINEER OF RECORD. THE SPECIAL INSPECTION WORK DOES NOT INCLUDE THE TESTING LABORATORY SERVICES AS CALLED FOR ON THE DRAWINGS.
 - 1.2. ARRANGEMENTS FOR SPECIAL INSPECTIONS SHOULD BE MADE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE OWNER IF SPECIAL INSPECTIONS ARE REQUIRED ON THE APPROVED PERMIT DRAWINGS AND FOR NOTIFYING THE TESTING LABORATORY AND SPECIAL INSPECTOR IN A TIMELY MANNER PRIOR TO PROCEEDING WITH CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK REQUIRING INSPECTIONS WITHOUT THE TESTING LABORATORY'S OR SPECIAL INSPECTOR'S PRESENCE. THE STRUCTURAL ENGINEER WILL NOT PROVIDE A FINAL LETTER OF COMPLIANCE AFTER THE WORK IS COMPLETE UNLESS HE HAS PERFORMED THE SPECIAL INSPECTIONS.
 - 1.3. REPORTING FOR SPECIAL INSPECTION:
 - 2.1. SPECIAL INSPECTION AND TESTING REPORTS SHALL BE COMPLETED AND DISTRIBUTED AT THE COMPLETION OF EACH TASK. PROVIDE COPIES OF REPORTS TO: CONTRACTOR, OWNER, ARCHITECT AND STRUCTURAL ENGINEER OF RECORD. SPECIAL INSPECTOR TO KEEP A NON-COMPLIANCE LIST DOCUMENTING ITEMS INSPECTED NOT MEETING APPROVED CONSTRUCTION DOCUMENTS AND WHEN / HOW RESOLVED.
 2. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING IN ACCORDANCE WITH IBC CHAPTER 17, THE FOLLOWING TYPES OF WORK REQUIRE SPECIAL INSPECTIONS AND TESTING:
 3. SPECIAL INSPECTION AND TESTING REPORTS SHALL BE COMPLETED AND DISTRIBUTED AT THE COMPLETION OF EACH TASK. PROVIDE COPIES OF REPORTS TO: CONTRACTOR, OWNER, ARCHITECT AND STRUCTURAL ENGINEER OF RECORD. SPECIAL INSPECTOR TO KEEP A NON-COMPLIANCE LIST DOCUMENTING ITEMS INSPECTED NOT MEETING APPROVED CONSTRUCTION DOCUMENTS AND WHEN / HOW RESOLVED.

SPECIAL INSPECTION AND VERIFICATION OF SOILS				
SPECIAL INSPECTION REQUIRED Y/N	VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC REFERENCE
Y	1. VERIFY MATERIALS BELOW FOOTINGS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	---	X	1705.6
Y	2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	---	X	1705.6
Y	3. PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS.	---	X	1705.6
Y	4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL.	X	---	1705.6
Y	5. PRIOR TO PLACEMENT OF CONTROLLED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	---	X	1705.6

SPECIAL INSPECTION OF FABRICATED ITEMS				
SPECIAL INSPECTION REQUIRED Y/N	VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC REFERENCE
Y	1. INSPECTION OF THE FABRICATED ITEMS PERFORMED DURING FABRICATION, OR FABRICATOR MEET NOTED EXCEPTIONS.	---	X	1704.2.5
Y	2. VERIFY OF FABRICATED ITEMS.	---	X	1705.10

SPECIAL INSPECTION AND VERIFICATION OF COLD FORMED METAL FRAMING				
SPECIAL INSPECTION REQUIRED Y/N	VERIFICATION AND INSPECTION TASK	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA
		CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC SECTION
Y	1. SEATING OF STUDS IN TRACK.	---	X	---
Y	2. WELDING OF ELEMENTS.	---	X	1705.11.2
Y	3. SCREW ATTACHMENTS, BOLTING, ANCHORING, AND OTHER FASTENING OF COMPONENTS.	---	X	1705.11.2
Y	4. STEEL STUD BRIDGING SPACING AND END ATTACHMENT.	---	X	2211
Y	5. WELDED CONNECTIONS ARE TOUCHED UP WITH PAINT.	---	X	1705.11.2
Y	6. VERIFY STRUCTURAL STUD SIZE, DEPTH, AND GAGE.	---	X	2211

SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION					
SPECIAL INSPECTION REQUIRED Y/N	VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA	
		CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC SECTION	REFERENCED STANDARD
Y	1. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS: <ol style="list-style-type: none"> a. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS. b. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED. 	---	X	---	APPLICABLE ASTM MATERIAL SPECIFICATIONS: AISC 308 SECTION A3.3
Y	2. INSPECTION OF HIGH-STRENGTH BOLTING: <ol style="list-style-type: none"> a. BEARING TYPE CONNECTIONS. b. SLIP-CRITICAL CONNECTIONS. 	---	X	---	AISC 308, SECTION M2.5
Y	3. MATERIAL VERIFICATION OF STRUCTURAL STEEL: <ol style="list-style-type: none"> a. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS. b. MANUFACTURER'S CERTIFIED MILL TEST REPORTS. 	---	---	---	ASTM A 6, OR ASTM A 568
Y	4. MATERIAL VERIFICATION OF WELD FILLER MATERIALS: <ol style="list-style-type: none"> a. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS. b. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED. 	---	---	---	AISC 308, SECTION A3.5
Y	5. INSPECTION OF WELDING: <ol style="list-style-type: none"> a. STRUCTURAL STEEL: <ol style="list-style-type: none"> 1) COMPLETE AND PARTIAL PENETRATION GROOVE WELDS. 2) MULTIPASS FILLET WELDS. 3) SINGLE-PASS FILLET WELDS + 5/16" 4) SINGLE-PASS FILLET WELDS < 5/16" 5) FLOOR AND ROOF DECK WELDS. b. REINFORCING STEEL: <ol style="list-style-type: none"> 1) VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A 706. 2) REINFORCING STEEL-RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND BOUNDARY ELEMENTS OF SPECIAL REINFORCED CONCRETE SHEAR WALLS AND SHEAR REINFORCEMENT. 3) SHEAR REINFORCEMENT. 4) OTHER REINFORCING STEEL. 	X	---	---	---
Y	6. INSPECTION OF STEEL FRAME JOINT DETAIL FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS: <ol style="list-style-type: none"> a. DETAILS SUCH AS BRACING AND STIFFENING. b. MEMBER LOCATIONS. c. APPLICATION OF JOINT DETAILS AT EACH CONNECTION. 	---	X	---	---

SPECIAL INSPECTION AND VERIFICATION OF CONCRETE CONSTRUCTION					
SPECIAL INSPECTION REQUIRED Y/N	VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA	
		CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC SECTION	REFERENCED STANDARD
Y	1. INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS AND PLACEMENT.	---	X	1705.3	ACI 318: 3.5, 7.1-7.7
N	2. INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH TABLE 1704.3, ITEM 5b.	---	---	1705.3	ANS D1.4 ACI 318: 3.5.2
Y	3. INSPECT BOLTS AND ANCHOR PLATES WITH ATTACHED HEADED STUDS, OR REBAR TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED.	X	---	1705.3	---
Y	4. VERIFYING USE OF REQUIRED DESIGN MIX.	---	X	1705.3	ACI 318: CH. 4, 5.2-5.4
Y	5. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	---	1705.3	ASTM C 172 ASTM C 31 ACI 318: 5.6, 5.8
Y	6. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	---	1705.3	ACI 318: 5.9, 5.10
Y	7. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	---	X	1705.3	ACI 318: 5.11-5.13
N	8. INSPECTION OF PRESTRESSED CONCRETE: <ol style="list-style-type: none"> a. APPLICATION OF PRESTRESSING FORCES. b. GROUTING OF BONDED PRESTRESSING TENDONS IN THE SEISMIC-FORCE-RESISTING-SYSTEM. 	X	---	---	ACI 318: 18.20 ACI 318: 18.18.4
N	9. ERECTION OF PRECAST (TLT UP PANELS) CONCRETE MEMBERS.	---	X	---	ACI 318: CH. 16
Y	10. VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORING AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	---	X	---	ACI 318: 6.2
Y	11. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	---	X	---	ACI 318: 6.1.1
Y	12. EPOXY ANCHORS AND EXPANSION ANCHORS WHERE CALLED FOR IN DRAWINGS.	X	---	---	---



YORK ENGINEERING SERVICES, PLLC
 Consulting Structural Engineers
 Firm No: 12621
 801 Sandy Trail
 Keller, TX 75248
 817.266.2042 ph
 888.316.4814 fax
 devon@york-engineering.com
 YES Project #23-11003

ARCHITECT
PEREZ
 ARCHITECTURE STUDIO
 PLANNING | ARCHITECTURE | INTERIORS
 PEREZ ARCHITECTURE STUDIO, LLC
 MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS | TEXAS SOCIETY OF ARCHITECTS

MESQUITE, TEXAS 75149
 214. 718. 0584
 julio@parchstudio.com

PROJECT

LONESTAR DOCK PRODUCTS

ADDRESS
 2623 FM-161
 Hughes Springs, TX 75656

OWNER

LONESTAR REALTY (ADVISED BY GUS OF IDEAL)
 1501 S Mopac Expy Ste 220
 Austin, TX 78746
 289.682.7245
 gbonenfant@idealwarehouse.com
 CONTACT: Gabriel Bonenfant

MAILING ADDRESS
 1 Royal Gate Blvd, Unit I
 Vaughan, ON
 Canada, L4L 8Z7

CONTRACTOR

TEXAS BUILT CONSTRUCTION, LLC
 860 Hembry St, Ste 401
 Lewisville, TX 75057
 469.615.1901
 n.foise@tbbuiltconstruction.com
 CONTACT: Nick Folse

STRUCTURAL

YORK ENGINEERING SERVICES
 801 Sandy Trail
 Keller, TX 72648
 817.266.2042
 devon@york-engineering.com
 CONTACT: Devon York

MEP

APE ENGINEERING
 1340 Dove Drive
 Midlothian, TX 76065
 972.351.7550
 ruslaquey@yahoo.com
 CONTACT: Russell Laquey

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JULIO PEREZ, AIA
 TX REF. NO. 25338

SEA L

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REV.	DATE	ISSUE

202324
 PROJECT NUMBER

SPECIAL INSPECTIONS

S1.1
 SHEET NUMBER

REV.	DATE	ISSUE

- F4
- F5
- F6
- F7
- F2
- F1
- F3
- 10/S3.0: Saw Joint
- P1
- P2
- P3
- 1/S3.1: 1'-6"W x 2'H Grade Beam
- 2/S3.1:
- 4/S3.1:
- 4A/S3.1
- 3/S3.1
- 9/S3.1
- 5/S3.1
- 8" Thick Slab On Grade
- 11/S3.1

- 2.0 EA
- 3.0 EA
- 6.0 EA
- 10.0 EA
- 3.0 EA
- 1.0 EA
- 4.0 EA
- 3063.1 FT
- 4.0 EA
- 6.0 EA
- 6.0 EA
- 272.3 FT
- 6.3 FT
- 67.1 FT
- 94.3 FT
- 13.8 FT
- 137.0 FT
- 185.1 FT
- 30193.9 SQ FT
- 15.8 FT

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

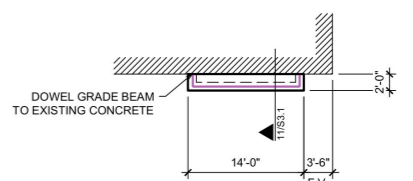
FOUNDATION PLAN NOTES:

- COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL PLANS AND DETAILS.
- REFERENCED FINISH FLOOR = 10'-0" ACTUAL FINISH FLOOR = REF. CIVIL.
- REFERENCE ARCHITECTURAL FOR ALL SIDEWALKS AND STOODS.
- REFERENCE SHEET S1.0 AND S1.1 FOR GENERAL NOTES AND DIMENSIONS WITH ARCHITECTURAL SPECIFICATIONS.
- SLAB SHALL BE 8" THICK CONCRETE REINFORCED WITH #4 AT 14" O.C.E.W. OVER PREPARED SUBGRADE AS SPECIFIED BY THE GEOTECHNICAL REPORT.
- SLAB REINFORCEMENT SHALL BE PLACED 2 1/2" FROM SLAB SURFACE.
- REFER TO ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS FOR SLAB PENETRATION AND DRAIN LOCATIONS.
- WAREHOUSE FLOOR FLATNESS SHALL BE AS DESCRIBED IN ASTM E1155 ABD ACI 302 AS A COMPOSITE FLATNESS OF 40 AND A COMPOSITE LEVELNESS OF 35.
- G.C. TO COORDINATE OVERHEAD DOOR RECESS DIMENSIONS WITH MANUFACTURER SPECIFICATIONS.
- REFER TO S3.0 FOR TYPICAL FOUNDATION DETAILS.
- REFER TO S5.0 FOR BRACED FRAME ELEVATIONS.

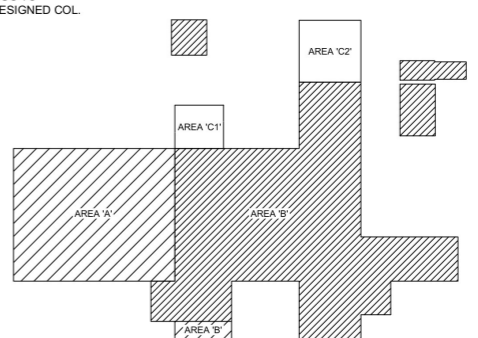
MARK	SIZE	NOTES
C1	HSS7x7x5/16	-
C2	HSS7x7x3/8	-
C3	W10x49	-
C4	W10x60	-
C5	W10x68	-
C6	BY OTHERS	DEFERRED CANOPY

REFER TO S3.2 FOR BASE PLATE INFORMATION.

MARK	SIZE - LENGTH x WIDTH x DEPTH	REINFORCING
F1	4'-0"x4'-0"x1'-2"	4-#5 E.W. BOTTOM
F2	6'-0"x6'-0"x1'-2"	7-#5 E.W. BOTTOM
F3	7'-0"x7'-0"x1'-2"	8-#5 E.W. BOTTOM
F4	8'-0"x8'-0"x1'-6"	10-#6 E.W. BOTTOM
F5	9'-0"x9'-0"x1'-6"	10-#6 E.W. BOTTOM
F6	10'-0"x10'-0"x1'-6"	12-#5 E.W. BOTTOM
F7	8'-0"x8'-0"x1'-6"	8-#4 TOP 10-#6 BOTTOM

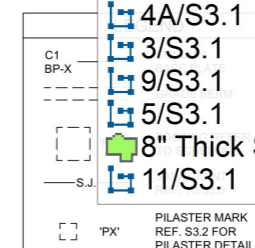
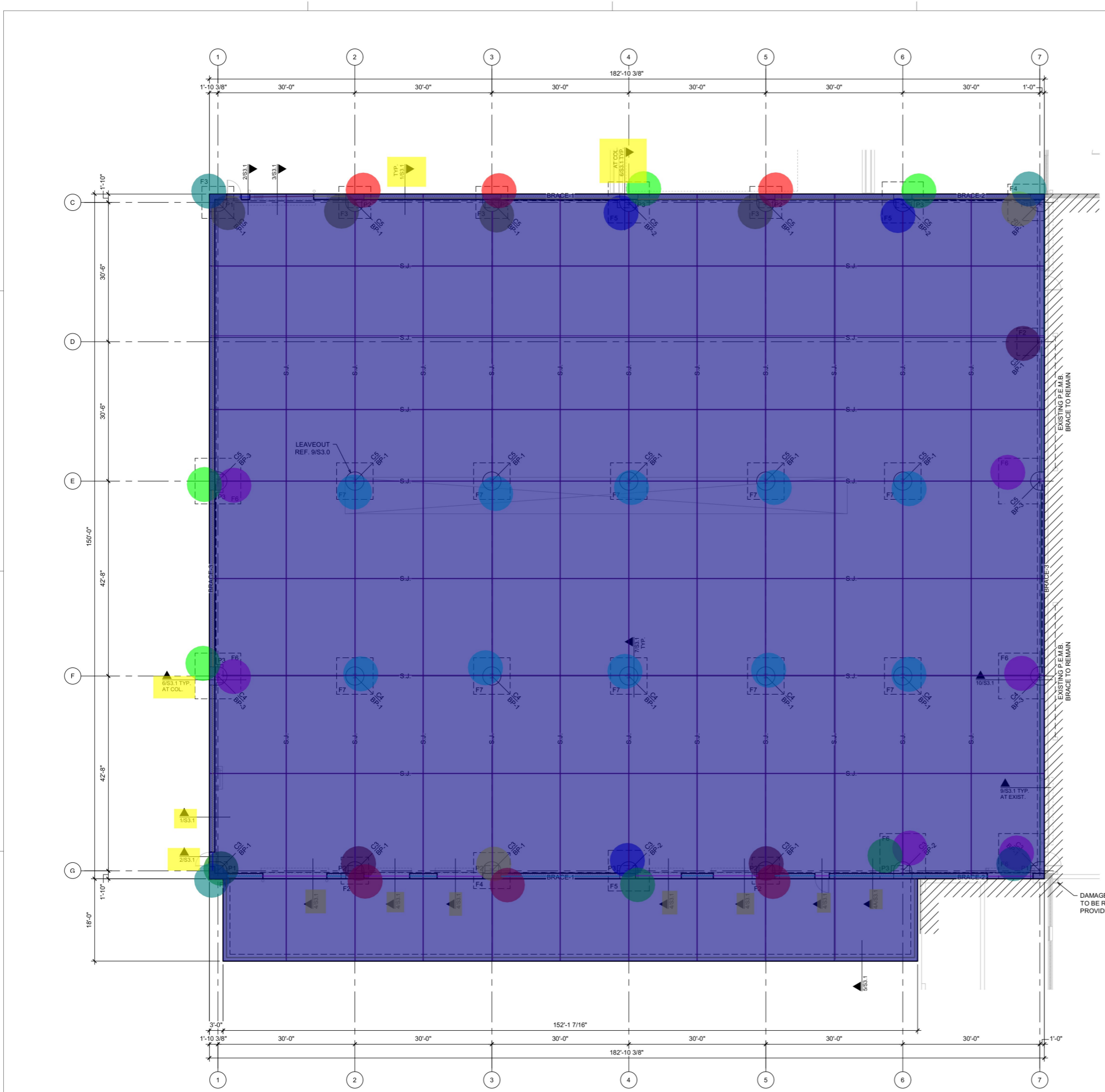


AREA 'B' PARTIAL FOUNDATION PLAN
 SCALE: 3/32" = 1'-0"



KEYPLAN

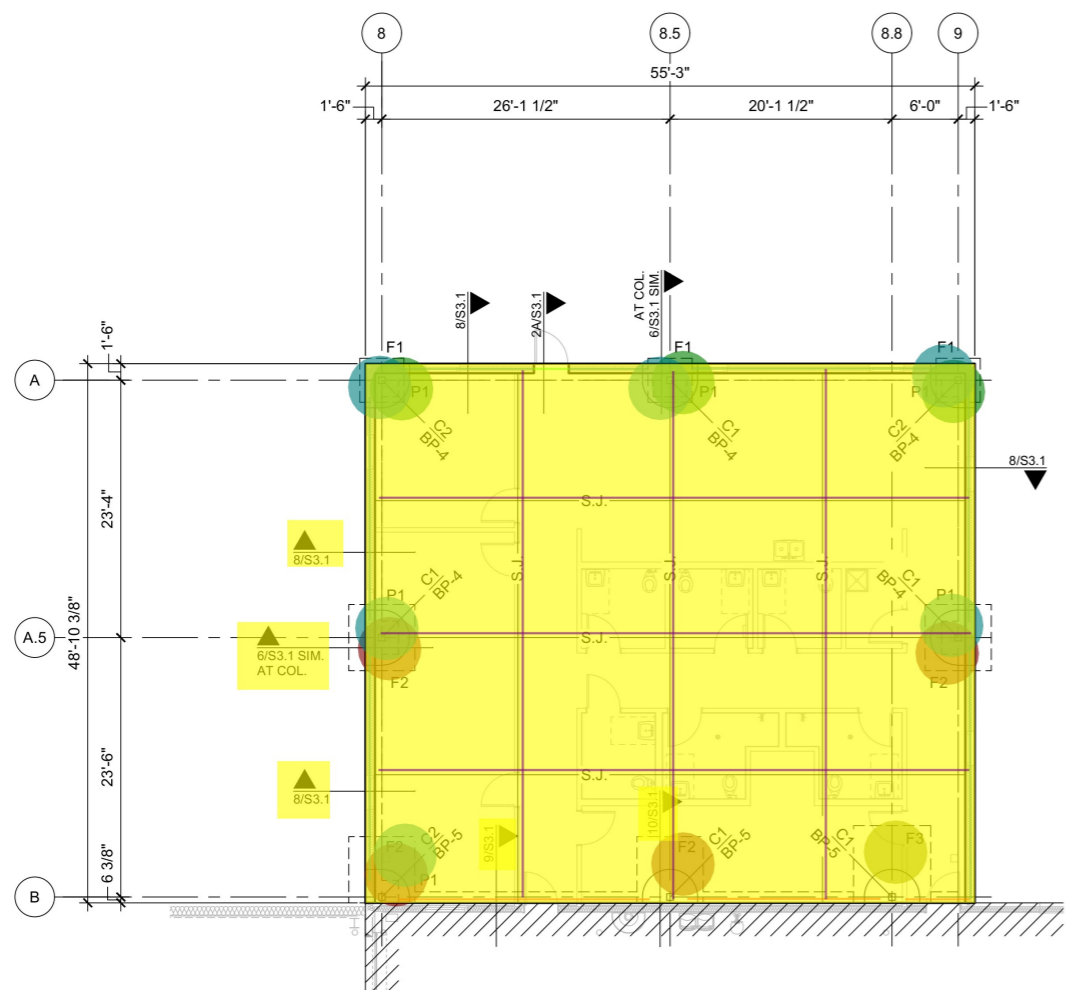
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 801 Sandy Trail
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 YES Project #23-11003



PILASTER MARK REF. S3.2 FOR PILASTER DETAILS

DAMAGED EXISTING COLUMN TO BE REPLACED, GC TO PROVIDE EQUAL DESIGNED COL.

REV.	DATE	ISSUE



1 AREA 'C1' FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

- FOUNDATION PLAN NOTES:
- COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL PLANS AND DETAILS.
 - REFERENCED FINISH FLOOR = 100'-0" : ACTUAL FINISH FLOOR = REF. CIVIL.
 - REFERENCE ARCHITECTURAL FOR ALL SIDEWALKS AND STOOPS.
 - REFERENCE SHEET S1.0 AND S1.1 FOR GENERAL NOTES AND SPECIAL INSPECTIONS.
 - SLAB SHALL BE 5" THICK CONCRETE REINFORCED WITH #3 AT 14" O.C.E.W. OVER PREPARED SUBGRADE AS SPECIFIED BY THE GEOTECHNICAL REPORT
 - SLAB REINFORCEMENT SHALL BE PLACED 1 1/2" FROM SLAB SURFACE.
 - REFER TO ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS FOR SLAB PENETRATION AND DRAIN LOCATIONS.
 - REFER TO S3.0 FOR TYPICAL DETAILS.

LEGEND

C1	COLUMN	C1	COLUMN
BP-X	BASE PLATE	'FX'	FOOTING REFER TO SCHEDULE
---	GRADE BEAM	S.J.	SAWN JOINT REF. 10/S3.0
		'PX'	PILASTER MARK REF. S3.1 FOR PILASTER DETAILS

• F1	3.0 EA
• F2	4.0 EA
• F3	1.0 EA
■ 10/S3.0: 5" Slab Saw Joint	304.4 FT
• P1	6.0 EA
■ 8/S3.1	127.6 FT
■ 9/S3.1	46.2 FT
■ 2A/S3.1	3.2 FT
■ 5" Thick Slab on Grade	2702.6 SQ FT

COLUMN SCHEDULE

MARK	SIZE	NOTES
C1	HSS7x7x5/16	-
C2	HSS7x7x3/8	-
C3	W10x49	-
C4	W10x60	-
C5	W10x68	-
C6	BY OTHERS	DEFERRED CANOPY

REFER TO S3.2 FOR BASE PLATE INFORMATION.

FOOTING SCHEDULE

MARK	SIZE - LENGTH x WIDTH x DEPTH	REINFORCING
F1	4'-0"x4'-0"x1'-2"	4-#5 E.W. BOTTOM
F2	6'-0"x6'-0"x1'-2"	7-#5 E.W. BOTTOM
F3	7'-0"x7'-0"x1'-2"	8-#5 E.W. BOTTOM
F4	8'-0"x8'-0"x1'-6"	10-#6 E.W. BOTTOM
F5	9'-0"x9'-0"x1'-6"	10-#6 E.W. BOTTOM
F6	10'-0"x10'-0"x1'-6"	12-#5 E.W. BOTTOM
F7	8'-0"x8'-0"x1'-6"	8-#4 TOP 10-#6 BOTTOM

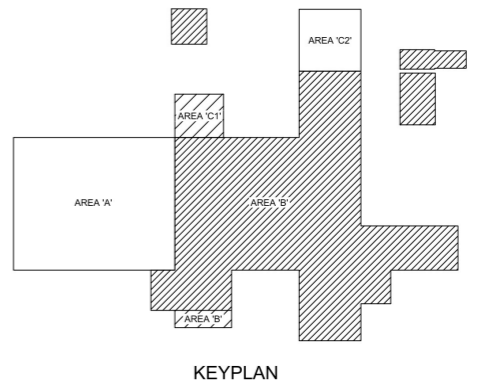
2 AREA 'C1' ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

- ROOF FRAMING PLAN NOTES:
- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.
 - VERIFY ALL DUCT AND CHASE PENETRATIONS WITH THE MECHANICAL AND ARCHITECTURAL DRAWINGS.
 - REFERENCE SHEET S1.0 & S1.1 FOR GENERAL NOTES AND SPECIAL INSPECTIONS.
 - ROOF DECKING:
 - ROOF DECK SHALL BE 1.5 TYPE B-22 GAGE AS SPECIFIED BY THE STEEL DECK INSTITUTE AND SHALL BE PAINTED. DECK SHALL BE WELDED IN A 3/8" PATTERN TO SUPPORTS AT LAPS AND ENDS, AND AT 12 INCHES ON CENTER SUPPORTS BETWEEN LAPS, WITH 1 SIDELAP SCREW. REFERENCE GENERAL NOTES FOR ADDITIONAL INFORMATION
 - JOIST BEARING DEPTH, NOTIFY ENGINEER OF RECORD IF VARIES.
 - K SERIES = 2 1/2" U.N.O.

- REFER TO S4.0 FOR TYPICAL STEEL DETAILS.
- REFER TO S4.1 FOR TYPICAL CFMF DETAILS.
- REFER TO S5.0 FOR KNEE BRACE (K.B.) DETAIL.
- EXTERIOR COMPONENT AND CLADDING (C&C) COLD-FORMED METAL FRAME DESIGN, REF. SCHEDULE ON SHEET S2.2.

LEGEND

———	JOIST
———	BEAM
---	JOIST BRIDGING REF. JOIST MANUF.
---	DIAGONAL BRACE



YORK ENGINEERING SERVICES, PLLC
Consulting Structural Engineers
Firm No: 12621
801 Sandy Trail
Keller, TX 76248
817.266.2042 ph
888.316.4814 fax
devon@york-engineering.com
YES Project #23-11003

LONESTAR DOCK PRODUCTS

ADDRESS
 2623 FM-161
 Hughes Springs, TX 75656

LONESTAR REALTY (ADVISED BY)
 GUS OF IDEAL
 1501 S Mopac Expy Ste 220
 Austin, TX 78746
 289.682.7245
 gbonenfant@idealwarehouse.com
 CONTACT: Gabriel Bonenfant

1 Royal Gate Blvd, Unit I
 Vaughan, ON
 Canada, L4L 8Z7

TEXAS BUILT CONSTRUCTION, LLC
 860 Hembry St, Ste 401
 Lewisville, TX 75057
 469.615.1901
 n.foise@tbbuiltconstruction.com
 CONTACT: Nick Foise

YORK ENGINEERING SERVICES
 801 Sandy Trail
 Keller, TX 72648
 817.266.2042
 devon@york-engineering.com
 CONTACT: Devon York

AFE ENGINEERING
 1340 Dove Drive
 Midlothian, TX 76065
 972.351.7550
 ruslaquey@yahoo.com
 CONTACT: Russell Laquey

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JULIO PEREZ, AIA
 TX REF. NO. 25338

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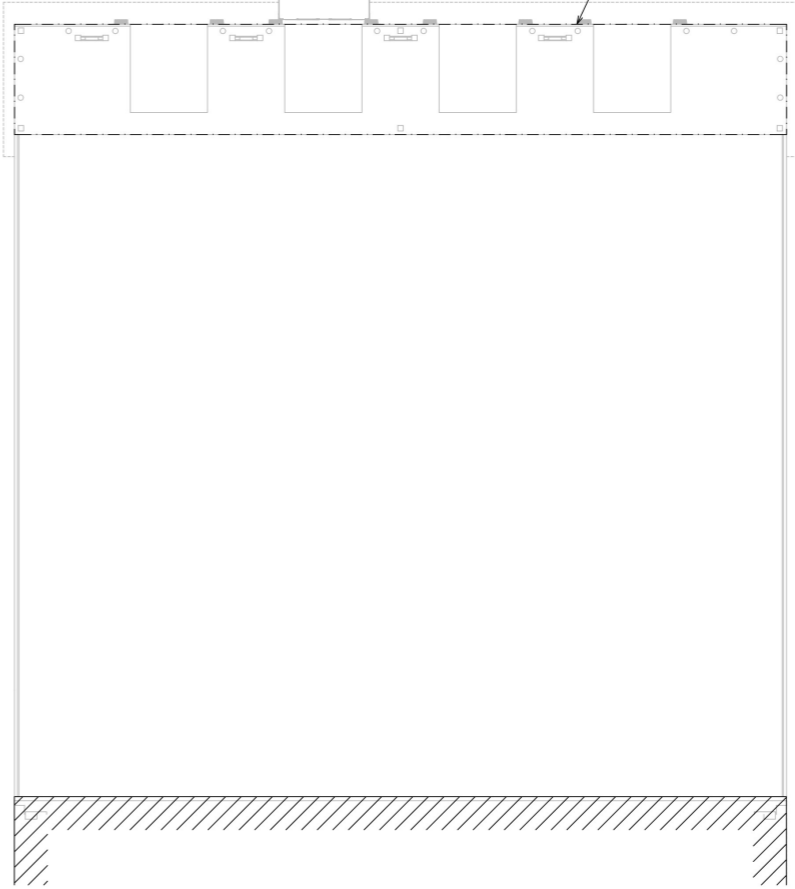
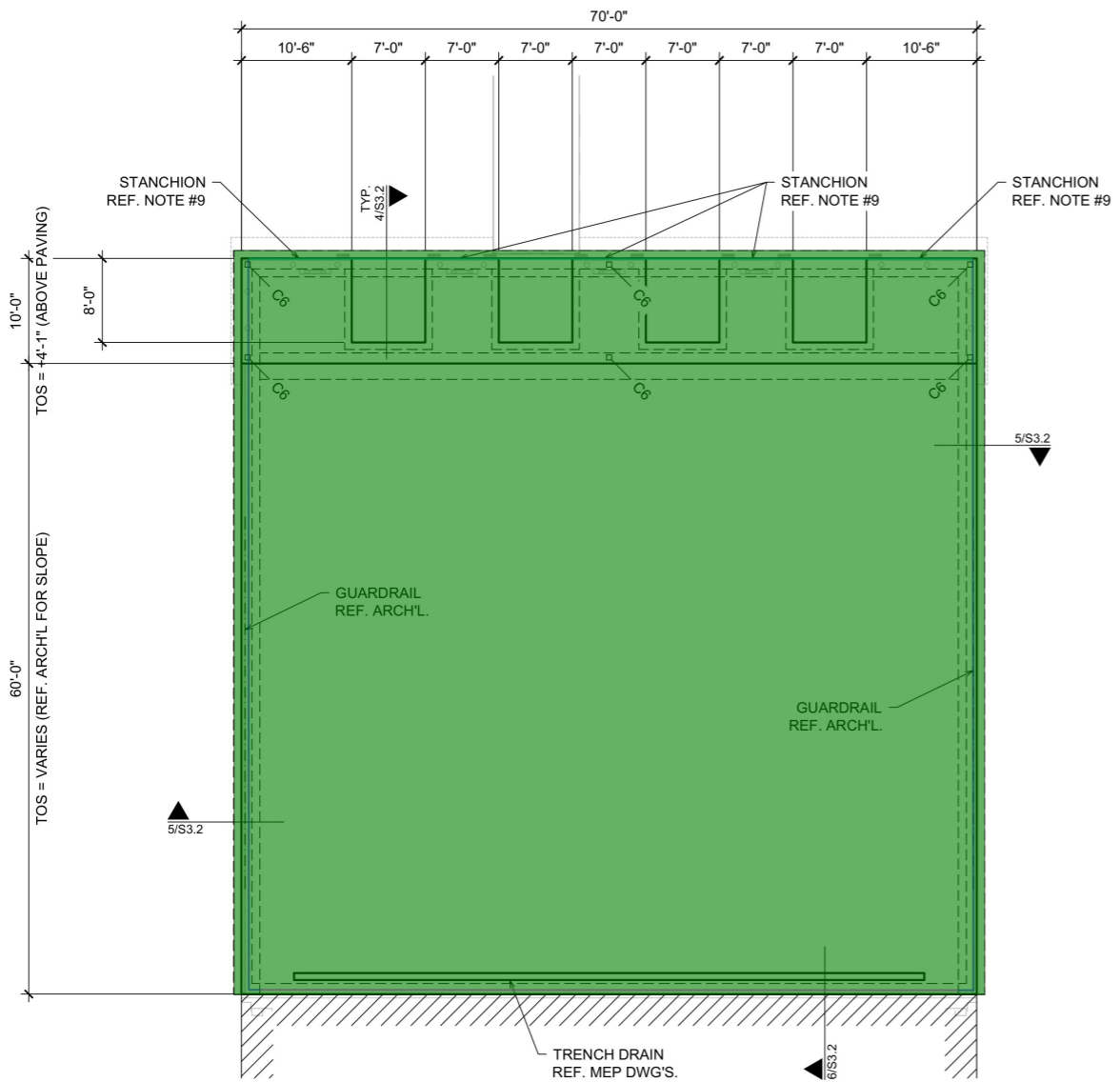
REV.	DATE	ISSUE

202324
 PROJECT NUMBER

AREA 'C2' FOUNDATION & ROOF FRAMING PLANS

S2.4

	5/S3.2	141.8 FT	
	6/S3.2	66.4 FT	
	4/S3.2	68.9 FT	
	6" Thick Slab On Grade	5063.7 SQ FT	



1 AREA 'C2' FOUNDATION PLAN
 SCALE: 1/8" = 1'-0"

- FOUNDATION PLAN NOTES:**
- COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL PLANS AND DETAILS.
 - REFERENCED FINISH FLOOR = 100'-0" : ACTUAL FINISH FLOOR = REF. CIVIL.
 - REFERENCE ARCHITECTURAL FOR ALL SIDEWALKS AND STOOPS.
 - REFERENCE SHEET S1.0 AND S1.1 FOR GENERAL NOTES AND SPECIAL INSPECTIONS.
 - COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL PLANS AND DETAILS.
 - EXPOSED SLAB SHALL BE 6" THICK CONCRETE REINFORCED WITH #4 AT 16" O.C.E.W. OVER PREPARED SUBGRADE AS SPECIFIED BY THE GEOTECHNICAL REPORT.
 - SLAB REINFORCEMENT SHALL BE PLACED 1 1/2" FROM SLAB SURFACE
 - SAW-CUTS TO BE PLACED AT EACH COLUMN GRID AND A MAXIMUM OF 18'-0" O.C., REF. 10/S3.0
 - REFER TO ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS FOR SLAB PENETRATION AND DRAIN LOCATIONS.
 - REFER TO S3.0 FOR TYPICAL FOUNDATION DETAILS.
 - GENERAL CONTRACTOR TO COORDINATE DOCK LEVELER STANCHION AND J-BOX LOCATION AND DETAILING FOR PLACEMENT AND EMBEDMENT INTO CONCRETE.

COLUMN SCHEDULE

MARK	SIZE	NOTES
C1	HSS7x7x5/16	-
C2	HSS7x7x3/8	-
C3	W10x49	-
C4	W10x60	-
C5	W10x68	-
C6	BY OTHERS	DEFERRED CANOPY

REFER TO S3.2 FOR BASE PLATE INFORMATION.

FOOTING SCHEDULE

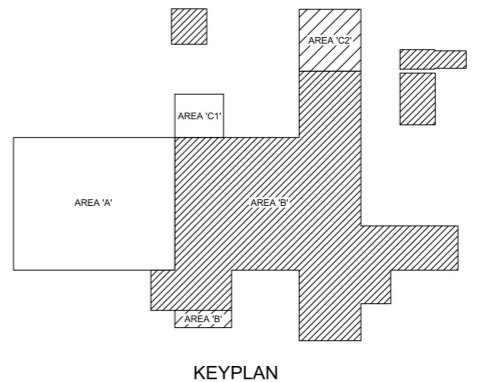
MARK	SIZE - LENGTH x WIDTH x DEPTH	REINFORCING
F1	4'-0"x4'-0"x1'-2"	4-#5 E.W. BOTTOM
F2	6'-0"x6'-0"x1'-2"	7-#5 E.W. BOTTOM
F3	7'-0"x7'-0"x1'-2"	8-#5 E.W. BOTTOM
F4	8'-0"x8'-0"x1'-6"	10-#6 E.W. BOTTOM
F5	9'-0"x9'-0"x1'-6"	10-#6 E.W. BOTTOM
F6	10'-0"x10'-0"x1'-6"	12-#5 E.W. BOTTOM
F7	8'-0"x8'-0"x1'-6"	8-#4 TOP 10-#6 BOTTOM

2 AREA 'C2' ROOF FRAMING PLAN
 SCALE: 1/8" = 1'-0"

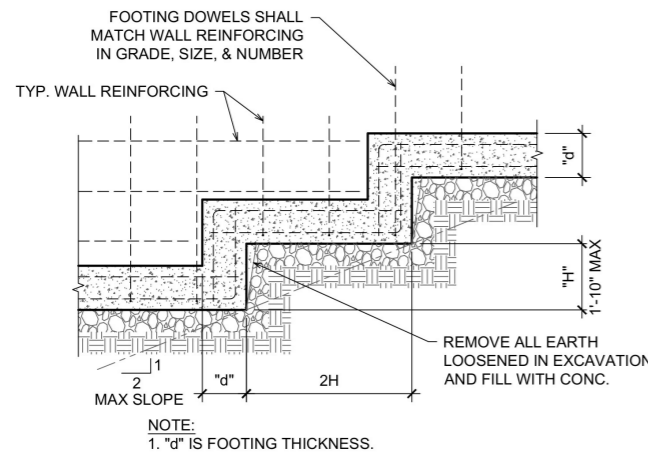
- ROOF FRAMING PLAN NOTES:**
- VERIFY ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS.
 - VERIFY ALL DUCT AND CHASE PENETRATIONS WITH THE MECHANICAL AND ARCHITECTURAL DRAWINGS.
 - REFERENCE SHEET S1.0 & S1.1 FOR GENERAL NOTES AND SPECIAL INSPECTIONS.
 - REFER TO S1.0 FOR DEFERRED SUBMITTAL REQUIREMENTS FOR CANOPY.

LEGEND

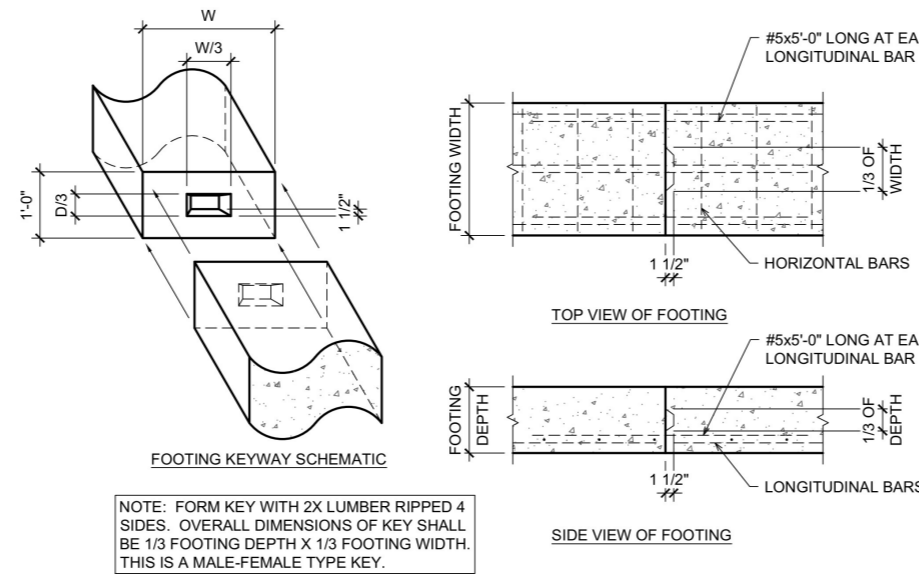
	C1	COLUMN
	BP-X	BASE PLATE
		GRADE BEAM
'FX' symbol"/>	'FX'	FOOTING REFER TO SCHEDULE
	S.J.	SAWN JOINT
'PX' symbol"/>	'PX'	PILASTER MARK REF. S3.1 FOR PILASTER DETAILS



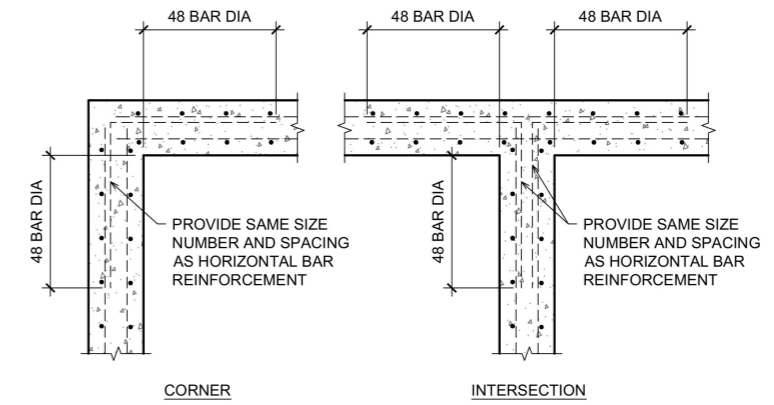
YORK ENGINEERING SERVICES, PLLC
 Consulting Structural Engineers
 Firm No: 12621
 801 Sandy Trail
 Keller, TX 75248
 817.266.2042 ph
 888.316.4814 fax
 devon@york-engineering.com
 YES Project #23-11003



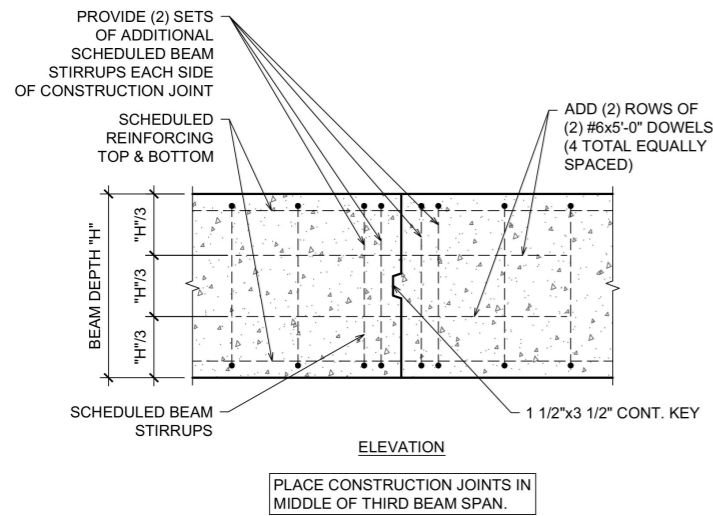
1 TYPICAL STEPPED WALL FOOTING
NOT TO SCALE



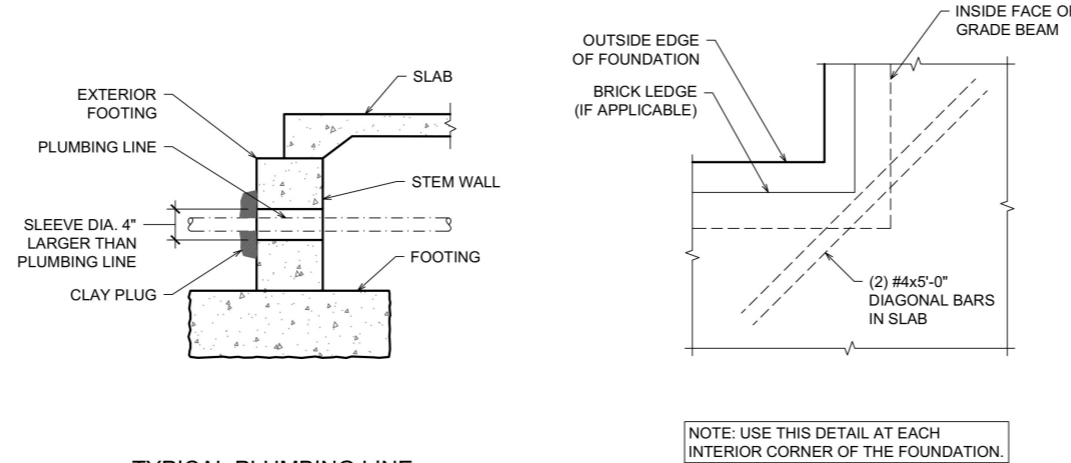
2 TYPICAL FOOTING CONSTRUCTION JOINT DETAIL
NOT TO SCALE



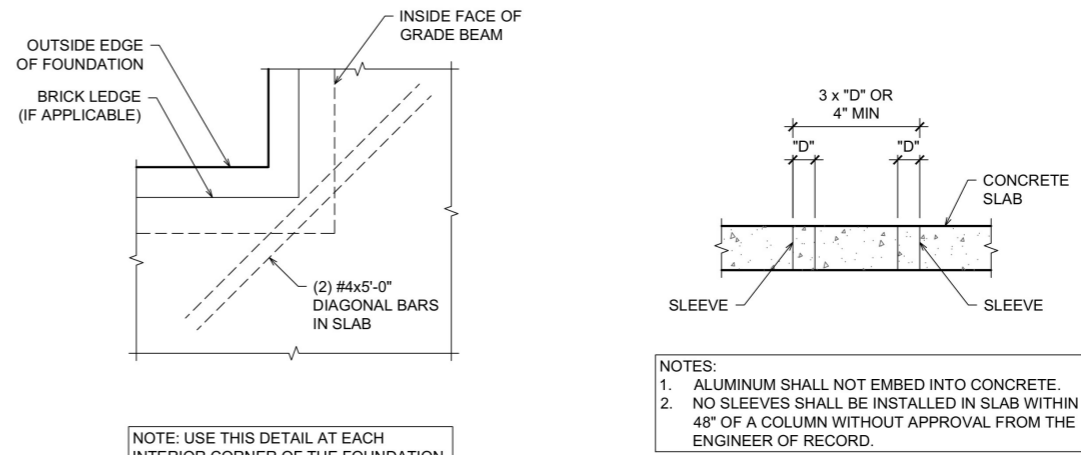
3 TYPICAL GRADE BEAM REINFORCING
NOT TO SCALE



4 TYPICAL GRADE BEAM/STEM WALL CONSTRUCTION JOINT
NOT TO SCALE

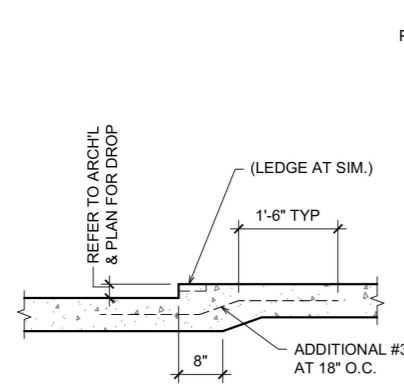


5 TYPICAL PLUMBING LINE PENETRATION DETAIL
NOT TO SCALE

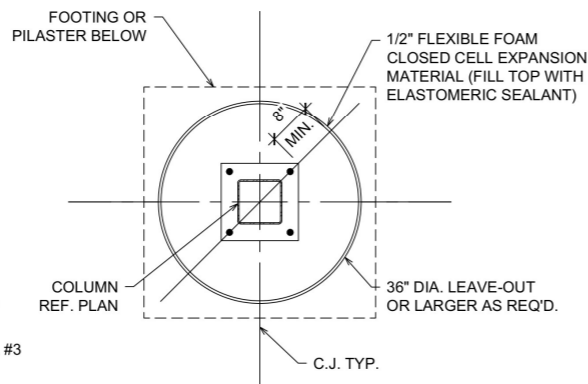


6 TYPICAL SLAB DIAGONALS
SCALE: 3/4" = 1'-0"

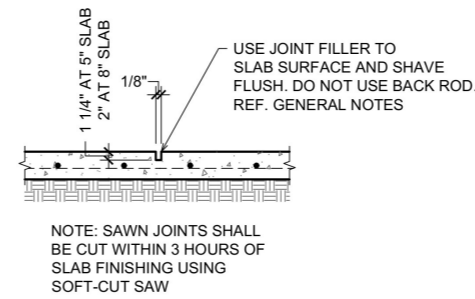
7 TYPICAL SLAB SLEEVE PENETRATION SECTION
NOT TO SCALE



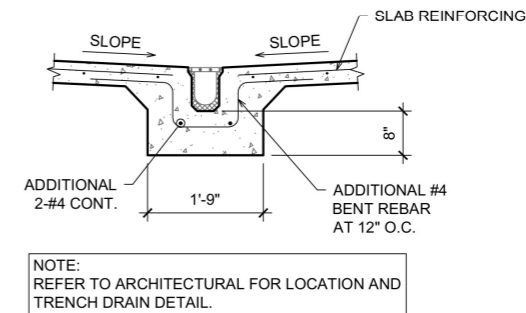
8 TYPICAL SLAB STEP DETAIL
NOT TO SCALE



9 TYPICAL COLUMN BLOCKOUT
NOT TO SCALE



10 SAWN JOINT DETAIL
SCALE: 3/4" = 1'-0"



11 TYPICAL TRENCH DRAIN DETAIL
NOT TO SCALE



YORK ENGINEERING SERVICES, PLLC
Consulting Structural Engineers
Firm No: 12621
801 Sandy Trail
Keller, TX 76248
817.266.2042 ph
888.316.4814 fax
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YES Project #23-11003

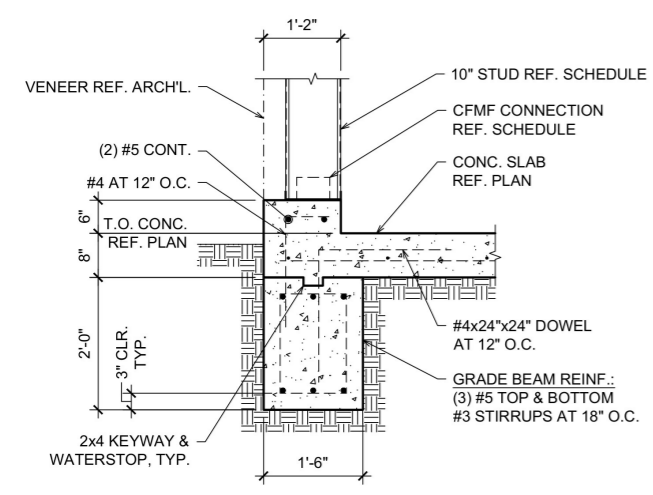
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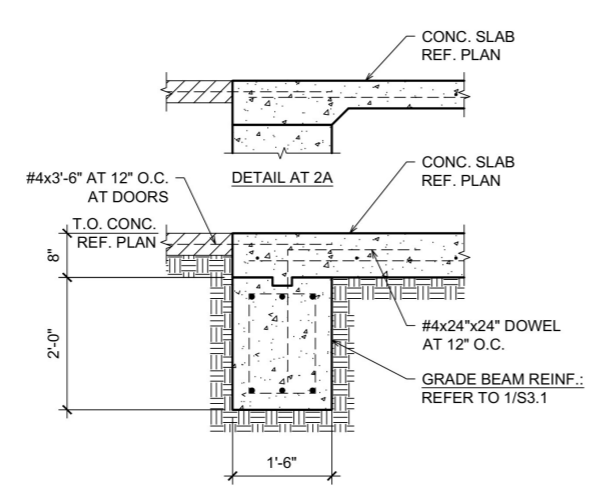
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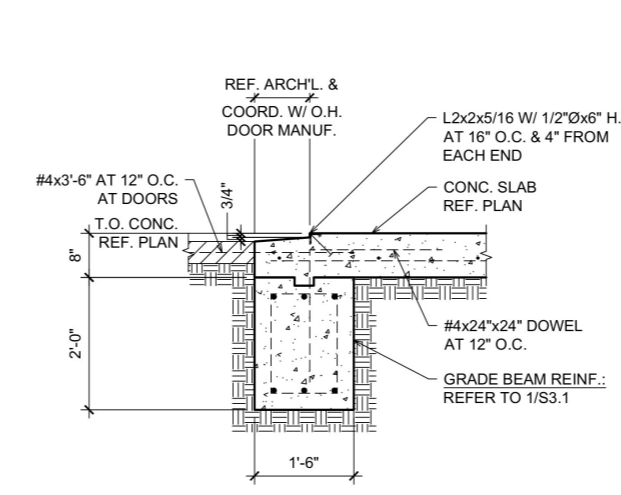
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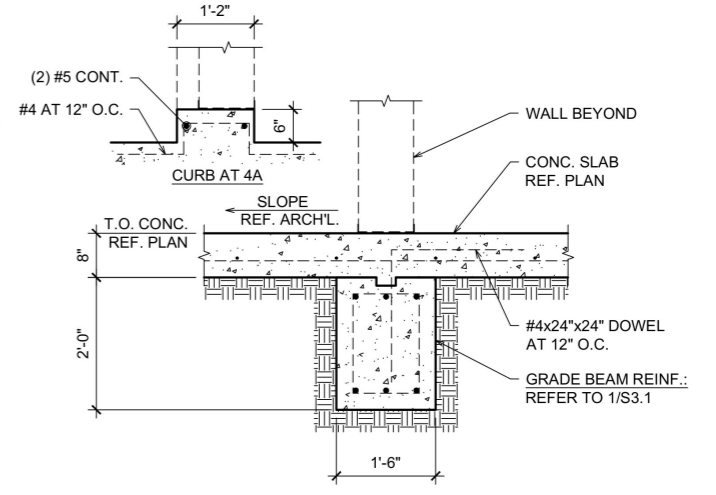
1 FOUNDATION SECTION
 SCALE: 3/4" = 1'-0"



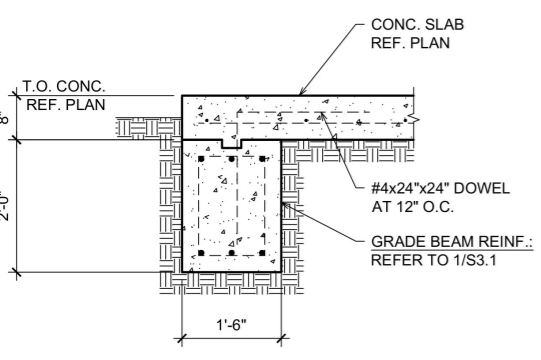
2 FOUNDATION SECTION
 SCALE: 3/4" = 1'-0"



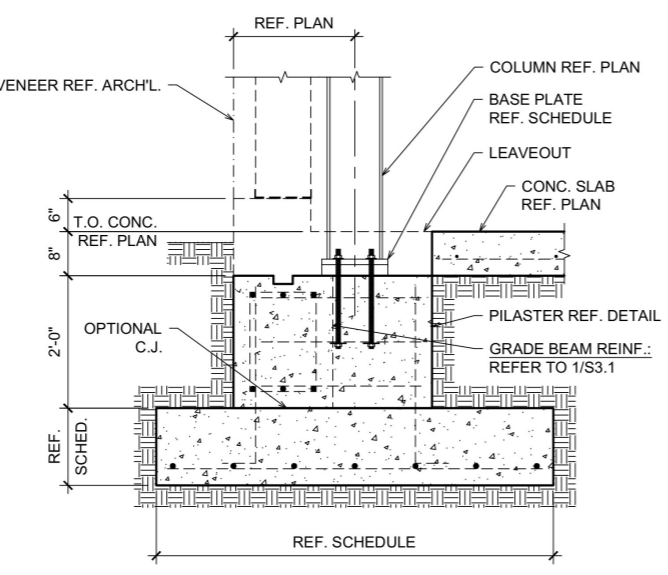
3 FOUNDATION SECTION
 SCALE: 3/4" = 1'-0"



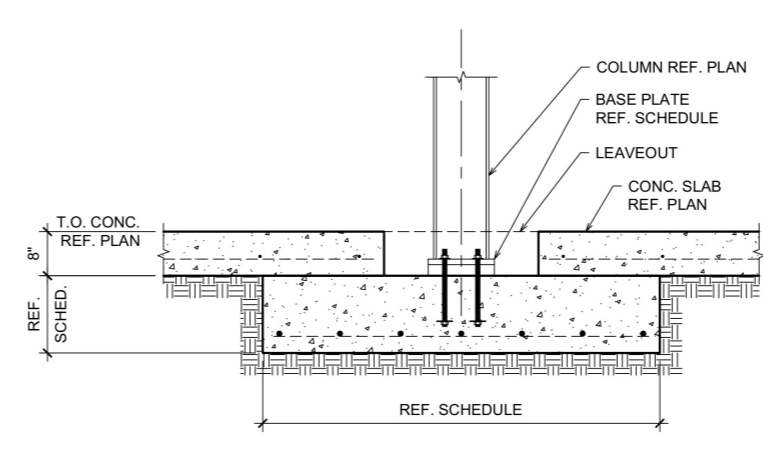
4 FOUNDATION SECTION
 SCALE: 3/4" = 1'-0"



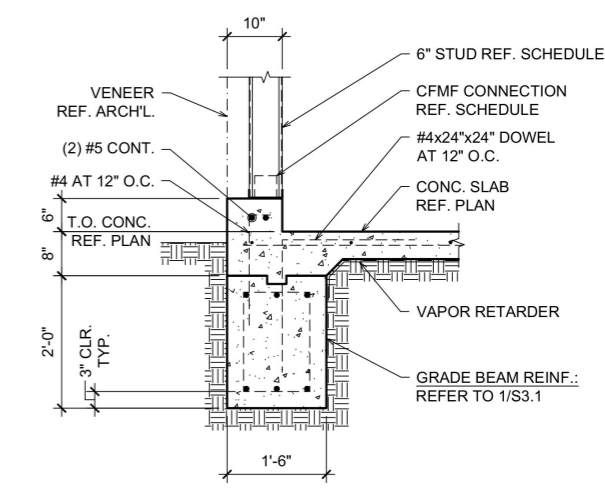
5 FOUNDATION SECTION
 SCALE: 3/4" = 1'-0"



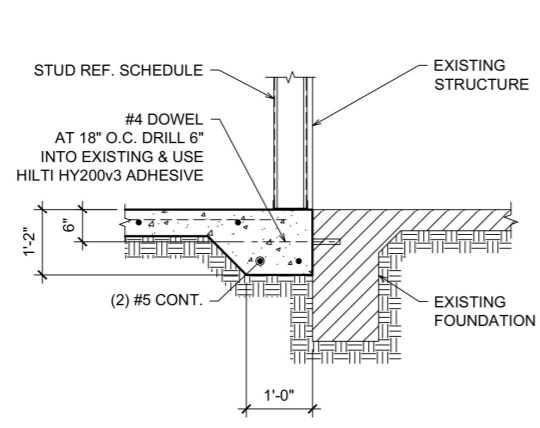
6 FOUNDATION SECTION
 SCALE: 3/4" = 1'-0"



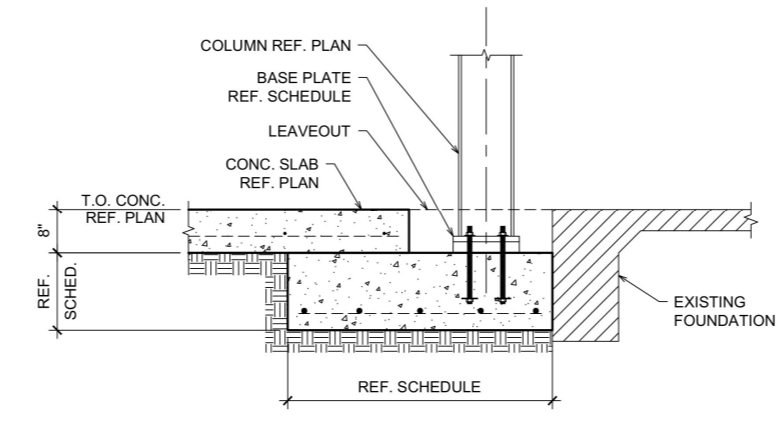
7 FOUNDATION SECTION
 SCALE: 3/4" = 1'-0"



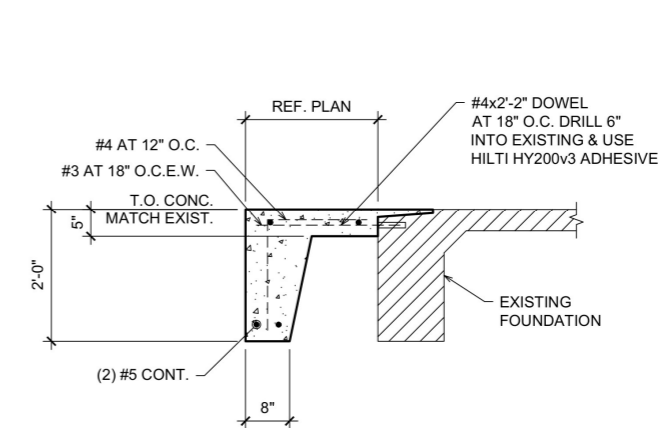
8 FOUNDATION SECTION
 SCALE: 3/4" = 1'-0"



9 FOUNDATION SECTION
 SCALE: 3/4" = 1'-0"



10 FOUNDATION SECTION
 SCALE: 3/4" = 1'-0"



11 FOUNDATION SECTION
 SCALE: 3/4" = 1'-0"

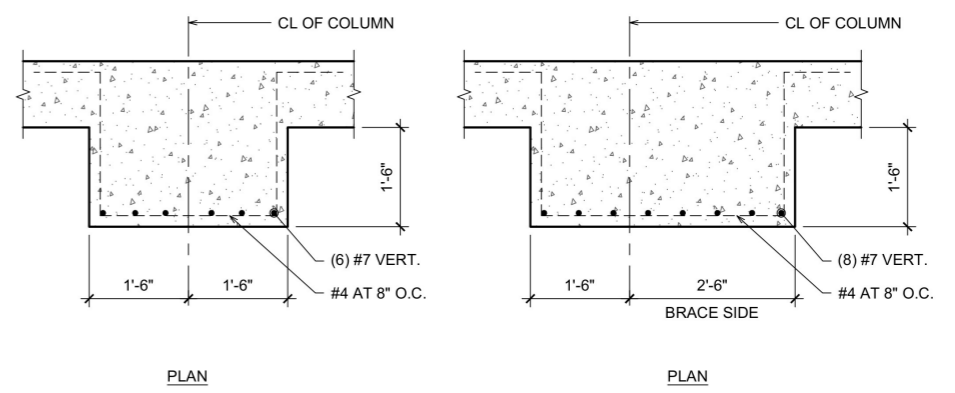
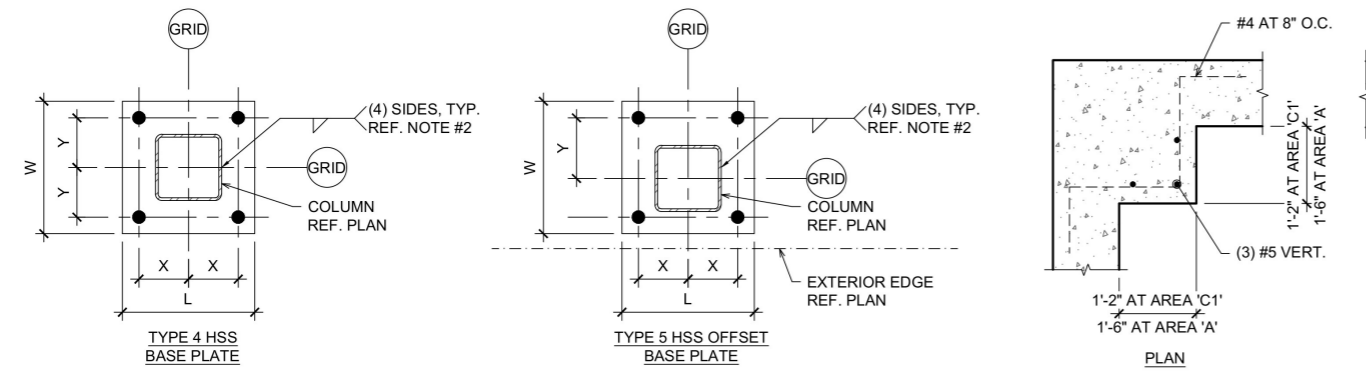
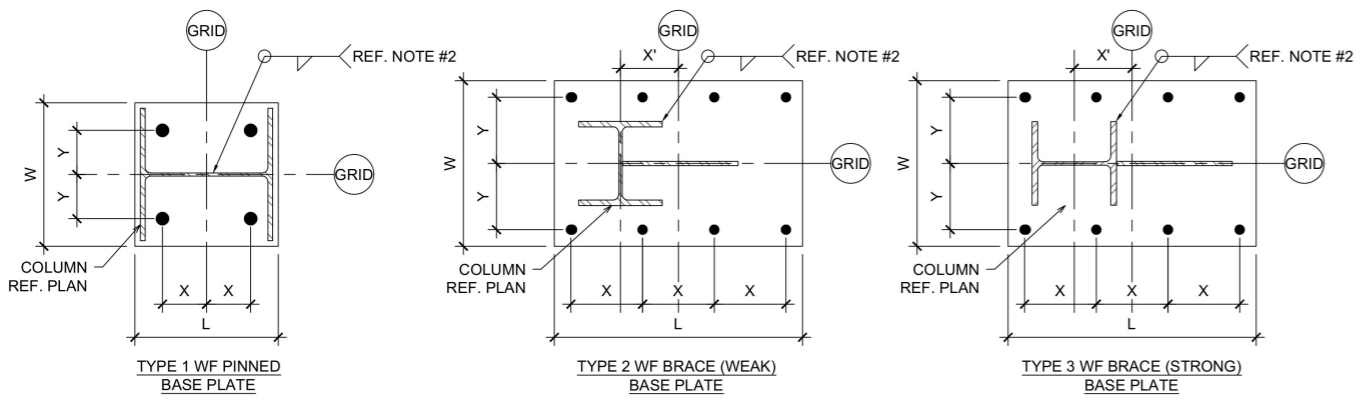
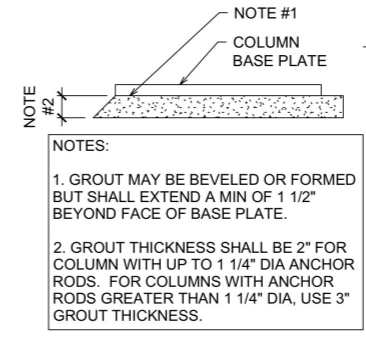
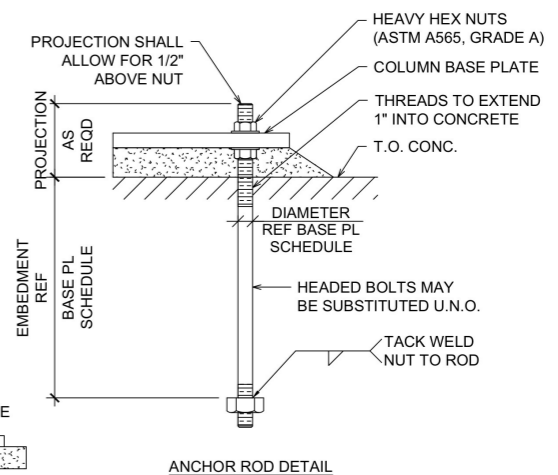
YORK ENGINEERING SERVICES, PLLC
 Consulting Structural Engineers
 Firm No: 12621
 801 Sandy Trail
 Keller, TX 76248
 817.266.2042 ph
 888.316.4814 fax
 devon@york-engineering.com
 YES Project #23-11003

BASE PLATE SCHEDULE										
MARK	COLUMN SIZES	LENGTH (L)	WIDTH (W)	X	X'	Y	THICKNESS (T)	ANCHOR RODS (NUM-DIA x EMBED)	BASE PLATE TYPE	ANCHOR ROD GRADE
BP-1	W10	16"	16"	2.5"	--	2.5"	1"	4 - 3/4" DIA x 1'-0"	1	36
BP-2	W10 BRACE (WEAK)	28"	20"	8"	7.5"	8"	1 1/4"	8 - 1" DIA x 1'-0"	2	36
BP-3	W10 BRACE (STRONG)	28"	20"	8"	7.5"	8"	1 1/4"	8 - 1" DIA x 1'-0"	3	36
BP-4	HSS7x7	16"	16"	6"	--	6"	1"	4 - 3/4" DIA x 1'-0"	4	36
BP-5	HSS7x7 (OFFSET)	16"	16"	6"	--	9"	1"	4 - 3/4" DIA x 1'-0"	4	36

NOTE(S):
1. CIRCULAR OR SQUARE WASHERS MEETING THE SIZE SHOWN ON ANCHOR ROD HOLE AND WASHER SCHEDULE ARE ACCEPTABLE
2. SIZE WELDS PER AISC MINIMUM FILLET REQUIREMENTS, U.N.O.
3. ALL ANCHOR RODS SHALL BE ASTM F1554 GRADE
4. ANY COLUMN, OR BASE PLATE, EXPOSED TO EXTERIOR GRADE SHALL BE COATED WITH AN EPOXY/BITUMASTIC COATING

ANCHOR ROD HOLE & WASHER SCHEDULE			
ANCHOR ROD DIAMETER	MAX HOLE DIAMETER	MIN. WASHER SIZE	MIN. WASHER THICKNESS
3/4"	1 1/4"	2"	1/4"
7/8"	1 1/2"	2 1/2"	5/16"
1"	1 3/4"	3"	3/8"
1 1/4"	2"	3"	1/2"
1 1/2"	2 1/4"	3 1/2"	1/2"
1 3/4"	2 1/2"	4"	5/8"
2"	3 1/4"	5"	3/4"

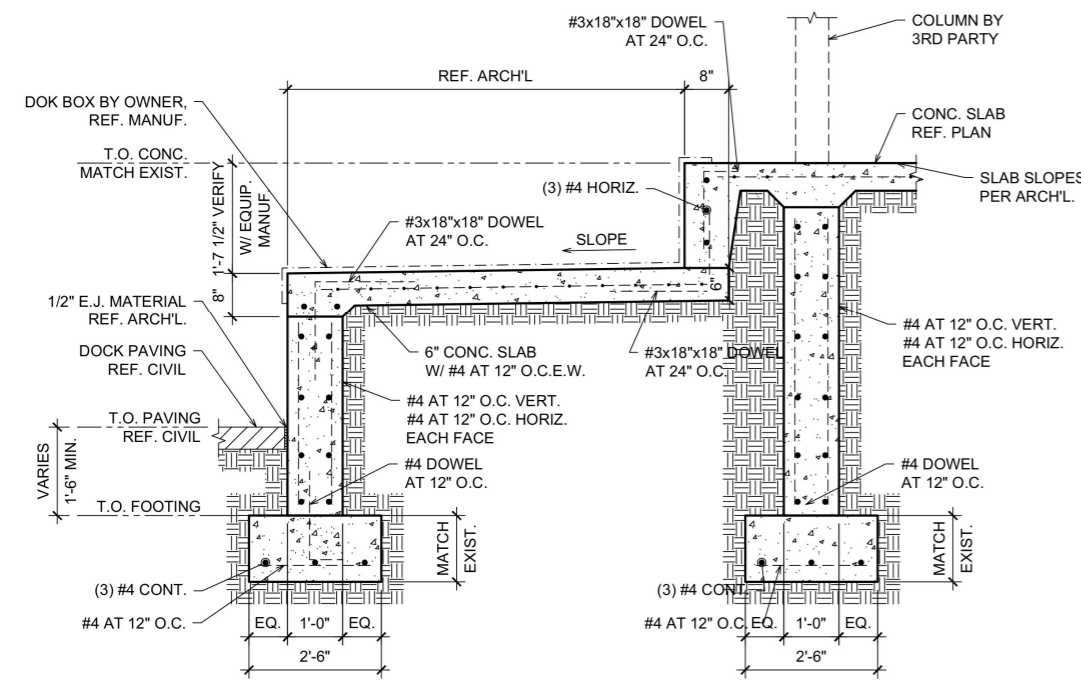
NOTE(S):
1. CIRCULAR OR SQUARE WASHERS MEETING THE SIZE SHOWN ARE ACCEPTABLE



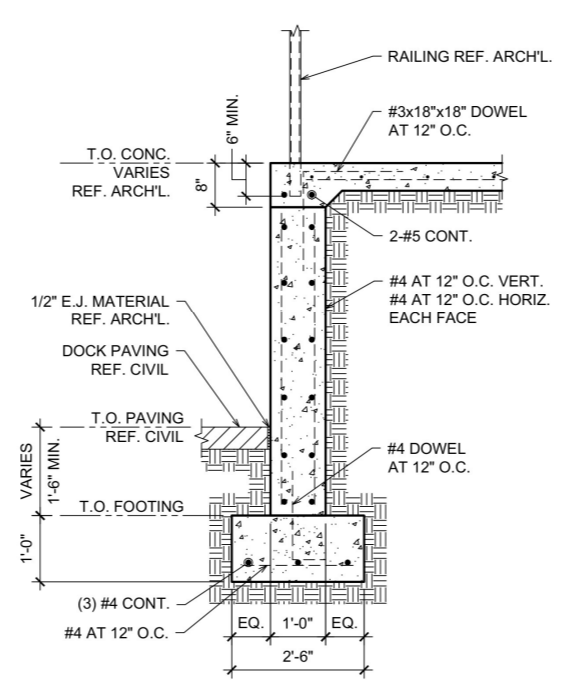
1 TYPICAL PERIMETER PILASTERS (U.N.O.) 'P1'
SCALE: 3/4" = 1'-0"

2 PILASTER DETAIL - 'P2'
SCALE: 3/4" = 1'-0"

3 PILASTER DETAIL - 'P3'
SCALE: 3/4" = 1'-0"



4 FOUNDATION SECTION
SCALE: 3/4" = 1'-0"



5 FOUNDATION SECTION
SCALE: 3/4" = 1'-0"

6/S3.2: **3.7 SQ FT**

#4 AT 12" O.C.
#3 AT 18" O.C.E.W.
T.O. CONC. MATCH EXIST.
EXISTING FOUNDATION
SLOPE
REF. 11/S3.0 FOR MORE TRENCH INFO.
(2) #5 CONT.
8"

6 FOUNDATION SECTION
SCALE: 3/4" = 1'-0"

ARCHITECT
PEREZ
ARCHITECTURE STUDIO
PLANNING | ARCHITECTURE | INTERIORS
MEMBER OF THE AMERICAN INSTITUTE OF ARCHITECTS | TEXAS SOCIETY OF ARCHITECTS
MESQUITE, TEXAS 75149
214.718.0584
julio@parchstudio.com

PROJECT
LONESTAR DOCK PRODUCTS
ADDRESS
2623 FM-161
Hughes Springs, TX 75656

OWNER
LONESTAR REALTY (ADVISED BY GUS OF IDEAL)
1501 S Mopac Expy Ste 220
Austin, TX 78746
289.682.7245
gbonenfant@idealwarehouse.com
CONTACT: Gabriel Bonenfant

CONTRACTOR
TEXAS BUILT CONSTRUCTION, LLC
860 Hemby St, Ste 401
Lewisville, TX 75057
469.615.1901
n.foise@tbbuiltconstruction.com
CONTACT: Nick Folsie

STRUCTURAL
YORK ENGINEERING SERVICES
801 Sandy Trail
Keller, TX 76248
817.266.2042
devon@york-engineering.com
CONTACT: Devon York

MEP
APE ENGINEERING
1340 Dove Drive
Midlothian, TX 76065
972.351.7550
ruslaquey@yahoo.com
CONTACT: Russell Laquey

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REV.	DATE	ISSUE

202324
PROJECT NUMBER

FOUNDATION DETAILS

S3.2
SHEET NUMBER

YORK ENGINEERING SERVICES, PLLC
Consulting Structural Engineers
Firm No: 12821
801 Sandy Trail
Keller, TX 76248
817.266.2042 ph
888.316.4814 fax
devon@york-engineering.com
YES Project #23-11003

GENERAL SUMMARY

Prepared for: **LONESTAR DOCK PRODUCTS, 2623 FM-161 HUGHES SPRINGS, TX 75656**
 Project ID: **29072024**
 Scope: **Concrete**
 No. Of Floors: **1**
 Date: **30-Jul-24**



BUILDING GSF		37,960		
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)	
1000	General Requirements	\$ -	\$ -	
3000	Concrete	\$ -	\$ -	
32000	Exterior Improvement	\$ -	\$ -	
TOTAL TRADE COST		\$ -	\$ -	
OVERHEAD AND PROFIT				
	15%	\$ -	\$ -	
INSURANCE	0%	\$ -	\$ -	
CONTINGENCY	0%	\$ -	\$ -	
TAX	0%	\$ -	\$ -	
SUGGESTED BID		\$ -	\$ -	



DETAILED BREAKDOWN OF ITEMS

Prepared for: **LONESTAR DOCK PRODUCTS, 2623 FM-161 HUGHES SPRINGS, TX 75656**
 Project ID: **29072024**
 Scope: **Concrete**



TOTAL TRADE COST	\$0
OH & PROFIT	\$0
INSURANCE	
CONTINGENCY	\$0
TAX	\$0
SUGGESTED BID	\$0

Date: **30-Jul-24**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTIT Y	WASTAG E	QUANTITY W/ WASTAGE	UNIT MANHOU R	HOURL Y WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
30		6/S3.2	Concrete	CY	9	10%	10	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
31			Reinforcement: 4-#5 Conti.	LBS	277	10%	305	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
32			Additional Reinforcement: #4@12" O.C (4'-6" L)	LBS	204	10%	225	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
33			Dowel Reinforcement: #3@18" O.C (3'-2" L)	LBS	55	10%	61	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
34			Excavation	CY	9	10%	10	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
			Continuous Concrete Thickened Edge (0.8 SF)	LF	183								
35		9/S3.1	Concrete	CY	5	10%	6	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
36			Reinforcement: 2-#5 Conti.	LBS	382	10%	420	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
37			Dowel Reinforcement: #4@18" O.C (1'-10" L) - Use Hilti HY200v3 Adhesive	LBS	159	10%	175	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
38			Excavation	CY	5	10%	6	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
			Continuous Concrete Footing @ Existing Foundation (2.3 SF)	LF	16								
39		11/S3.1	Concrete	CY	1	10%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
40			Reinforcement: 4-#5 Conti.	LBS	66	10%	73	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
41			Additional Reinforcement: #4@12" O.C (3'-3" L)	LBS	37	10%	41	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
42			Dowel Reinforcement: #4@18" O.C (2'-2" L) - Use Hilti HY200v3 Adhesive	LBS	15	10%	17	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
43			Excavation	CY	1	10%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
			CONTINUOUS CONCRETE CURB										
			0'-6" W x 1'-2" H Continuous Concrete Curb	LF	367								
44		1, 4A /S3.1	Concrete	CY	8	10%	9	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
45			Reinforcement: 2-#5 Conti + #4 Dowel @ 12" O.C (2' L)	LBS	1400	10%	1540	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
46			Form Work	SF	367	10%	403	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
			0'-6" W x 0'-10" H Continuous Concrete Curb	LF	128								
47		8 /S3.1	Concrete	CY	2	10%	2	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
48			Reinforcement: 2-#5 Conti + #4 Dowel @ 12" O.C (2.4 LF)	LBS	447	10%	492	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
49			Form Work	SF	128	10%	140	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
			PAD FOOTING										
			F1: 4'-0" x 4'-0" x 1'-2" Concrete Pad Footing	EA	4								
50		Footing Schedule / S2.0	Concrete	CY	3	10%	3	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
51			Reinforcement: 4-#5 E.W Bottom	LBS	125	10%	138	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
52			Form Work	SF	75	10%	82	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
53			Excavation	CY	4	10%	5	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
54			Backfill	CY	2	10%	2	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
			F2: 6'-0" x 6'-0" x 1'-2" Concrete Pad Footing	EA	7								
55		Footing Schedule /	Concrete	CY	11	10%	12	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
56			Reinforcement: 7-#5 E.W Bottom	LBS	588	10%	647	0.000	\$ -	\$ -	\$ -	\$ -	\$ -

DETAILED BREAKDOWN OF ITEMS

Prepared for: **LONESTAR DOCK PRODUCTS, 2623 FM-161 HUGHES SPRINGS, TX 75656**
 Project ID: **29072024**
 Scope: **Concrete**



TOTAL TRADE COST	\$0
OH & PROFIT	\$0
INSURANCE	
CONTINGENCY	\$0
TAX	\$0
SUGGESTED BID	\$0

Date: **30-Jul-24**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTIT Y	WASTAG E	QUANTITY W/ WASTAGE	UNIT MANHOU R	HOURL Y WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
57		Footing Schedule / S2.0	Form Work	SF	196	10%	216	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
58	Excavation		CY	15	10%	16	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
59	Backfill		CY	4	10%	4	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			F3: 7'-0" x 7'-0" x 1'-2" Concrete Pad Footing	EA	5								
60		Footing Schedule / S2.0	Concrete	CY	11	10%	12	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
61	Reinforcement: 8-#5 E.W Bottom		LBS	563	10%	620	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
62	Form Work		SF	163	10%	180	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
63	Excavation		CY	14	10%	15	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
64	Backfill		CY	3	10%	4	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			F4: 8'-0" x 8'-0" x 1'-6" Concrete Pad Footing	EA	2								
65		Footing Schedule / S2.0	Concrete	CY	7	10%	8	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
66	Reinforcement: 10-#6 E.W Bottom		LBS	466	10%	512	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
67	Form Work		SF	96	10%	106	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
68	Excavation		CY	9	10%	10	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
69	Backfill		CY	2	10%	2	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			F5: 9'-0" x 9'-0" x 1'-6" Concrete Pad Footing	EA	3								
70		Footing Schedule / S2.0	Concrete	CY	14	10%	15	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
71	Reinforcement: 10-#6 E.W Bottom		LBS	789	10%	867	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
72	Form Work		SF	162	10%	178	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
73	Excavation		CY	17	10%	18	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
74	Backfill		CY	3	10%	3	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			F6: 10'-0" x 10'-0" x 1'-6" Concrete Pad Footing	EA	6								
75		Footing Schedule / S2.0	Concrete	CY	33	10%	37	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
76	Reinforcement: 12-#5 E.W Bottom		LBS	1464	10%	1611	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
77	Form Work		SF	360	10%	396	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
78	Excavation		CY	40	10%	44	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
79	Backfill		CY	7	10%	8	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			F7: 8'-0" x 8'-0" x 1'-6" Concrete Pad Footing	EA	10								
80		Footing Schedule / S2.0	Concrete	CY	36	10%	39	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
81	Reinforcement: 8-#4 Top, 10-#6 Bottom		LBS	1578	10%	1736	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
82	Form Work		SF	480	10%	528	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
83	Excavation		CY	45	10%	50	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
84	Backfill		CY	9	10%	10	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			CONCRETE PILASTER										
			P1: 2'-2" x 2'-6" x 2'-0" Concrete Pad Footing	EA	3								
85			Concrete	CY	1	10%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
86	Reinforcement: 4-#5 Vert. + #4 @ 8" O.C		LBS	124	10%	136	0.000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

DETAILED BREAKDOWN OF ITEMS

Prepared for: **LONESTAR DOCK PRODUCTS, 2623 FM-161 HUGHES SPRINGS, TX 75656**
 Project ID: **29072024**
 Scope: **Concrete**



TOTAL TRADE COST	\$0
OH & PROFIT	\$0
INSURANCE	
CONTINGENCY	\$0
TAX	\$0
SUGGESTED BID	\$0

Date: **30-Jul-24**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURL Y WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
87		1/S3.2	Form Work	SF	56	10%	62	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
88			Excavation	CY	9	10%	10	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
89			Backfill	CY	8	10%	9	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
			P1: 2'-6" x 2'-6" x 2'-0" Concrete Pad Footing	EA	4								
90			Concrete	CY	2	10%	2	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
91			Reinforcement: 3-#5 Vert. + #4 @ 8" O.C	LBS	124	10%	136	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
92		1/S3.2	Form Work	SF	80	10%	88	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
93			Excavation	CY	22	10%	24	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
94			Backfill	CY	20	10%	22	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
			P1: 2'-2" x 2'-2" x 2'-0" Concrete Pad Footing	EA	3								
95			Concrete	CY	1	10%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
96			Reinforcement: 3-#5 Vert. + #4 @ 8" O.C	LBS	87	10%	96	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
97		1/S3.2	Form Work	SF	52	10%	57	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
98			Excavation	CY	7	10%	8	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
99			Backfill	CY	6	10%	7	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
			P2: 2'-6" x 3'-0" x 2'-0" Concrete Pad Footing	EA	6								
100			Concrete	CY	3	10%	4	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
101			Reinforcement: 6-#7 Vert. + #4 @ 8" O.C	LBS	438	10%	482	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
102		2/S3.2	Form Work	SF	132	10%	145	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
103			Excavation	CY	27	10%	30	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
104			Backfill	CY	24	10%	27	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
			P3: 2'-6" x 4'-0" x 2'-0" Concrete Pad Footing	EA	6								
105			Concrete	CY	4	10%	5	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
106			Reinforcement: 8-#7 Vert. + #4 @ 8" O.C	LBS	546	10%	600	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
107		3/S3.2	Form Work	SF	156	10%	172	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
108			Excavation	CY	49	10%	54	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
109			Backfill	CY	45	10%	49	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
			CONCRETE STEM WALL										
			1'-0"W x 4'-8"H Concrete Wall	LF	142								
110		5/S302	Concrete	CY	25	10%	27	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
111			Reinforcement: #4@12" E.W + B.F	LBS	2033	10%	2236	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
112			Dowel Reinforcement: #3@12" O.C (3' L)	LBS	162	10%	179	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
113			Form Work	SF	1324	10%	1456	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
			1'-0"W x 3'-0"H Concrete Wall	LF	69								
114		4/S302	Concrete	CY	8	10%	8	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
115			Reinforcement: #4@12" E.W + B.F	LBS	745	10%	819	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
116			Dowel Reinforcement: #3@12" O.C (3' L)	LBS	80	10%	88	0.000	\$ -	\$ -	\$ -	\$ -	\$ -

DETAILED BREAKDOWN OF ITEMS

Prepared for: **LONESTAR DOCK PRODUCTS, 2623 FM-161 HUGHES SPRINGS, TX 75656**
 Project ID: **29072024**
 Scope: **Concrete**



TOTAL TRADE COST	\$0
OH & PROFIT	\$0
INSURANCE	
CONTINGENCY	\$0
TAX	\$0
SUGGESTED BID	\$0

Date: **30-Jul-24**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
117			Form Work	SF	414	10%	455	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
			1'-0"W x 4'-8"H Concrete Wall	LF	69								
118		4/S302	Concrete	CY	12	10%	13	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
119			Reinforcement: #4@12" E.W + B.F	LBS	995	10%	1095	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
120			Form Work	SF	644	10%	708	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
			0'-8"W x 1'-7"H Concrete Wall	LF	69								
121		4/S302	Concrete	CY	3	10%	3	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
122			Reinforcement: 3-#4 Conti.	LBS	141	10%	155	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
123			Dowel Reinforcement: #3@12" O.C (3' L)	LBS	80	10%	88	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
124			Form Work	SF	109	10%	120	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
			CONCRETE SLAB										
			8" Thick Concrete Slab On Grade	SF	30194								
125		Plan Notes / S2.0	Concrete	CY	749	10%	824	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
126			Reinforcement: #4@14" O.C E.W	LBS	36295	10%	39924	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
127			Prepared Sub-Grade	SF	30194	10%	33213	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
128			Form Work	SF	471	10%	518	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
			5" Thick Concrete Slab On Grade	SF	2703								
129		Plan Notes / S2.3	Concrete	CY	42	10%	46	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
130			Reinforcement: #4@14" O.C E.W	LBS	3249	10%	3574	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
131			Prepared Sub-Grade	SF	2703	10%	2973	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
132			Form Work	SF	88	10%	96	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
			6" Thick Concrete Slab On Grade	SF	5064								
133		Plan Notes / S2.4	Concrete	CY	94	10%	103	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
134			Reinforcement: #4@16" O.C E.W	LBS	5341	10%	5875	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
135			Prepared Sub-Grade	SF	5064	10%	5570	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
136			Form Work	SF	142	10%	157	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
			SAWN JOINT										
137		10/S3.0	1/8" Wide x 2" Deep Sawn Joint - Use Joint Filler To Slab Surface	LF	3063	10%	3369	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
138			1/8" Wide x 1-1/4" Deep Sawn Joint - Use Joint Filler To Slab Surface	LF	304	10%	335	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
SUBTOTAL \$												-	
EXTERIOR IMPROVEMENTS													
PAVEMENT													

DETAILED BREAKDOWN OF ITEMS

Prepared for: **LONESTAR DOCK PRODUCTS, 2623 FM-161 HUGHES SPRINGS, TX 75656**
 Project ID: **29072024**
 Scope: **Concrete**



TOTAL TRADE COST	\$0
OH & PROFIT	\$0
INSURANCE	
CONTINGENCY	\$0
TAX	\$0
SUGGESTED BID	\$0

Date: **30-Jul-24**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
139	A1.1	A1.1	5" Thick x 2' W Concrete Pavement @ New Downspout System (327 LF) <i>-Note: We Have Assumed Pavement Thickness & Material. Kindly Verify</i>	CY	10	10%	11	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
SUBTOTAL \$												-	
PROJECTED COST												\$0	
OVERHEAD AND PROFIT												15%	\$0
INSURANCE												0%	\$0
CONTINGENCY												0%	\$0
TAX												0%	\$0
SUGGESTED BID												\$0	

MATERIAL LIST

Prepared for: **LONESTAR DOCK PRODUCTS, 2623 FM-161 HUGHES SPRINGS, TX 75656**
 Project ID: **29072024**
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SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
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CONCRETE

	CONCRETE				
1	Concrete	CY	1208	10%	1329
	REINFORCEMENT				
2	Reinforcement	LBS	67733	10%	74506
3	Reinforcement #3 (2730 LF) (1 Bar = 20' L)	Bars	137	0%	137
4	Reinforcement #4 (86870 LF) (1 Bar = 20' L)	Bars	4344	0%	4344
5	Reinforcement #5 (10219 LF) (1 Bar = 20' L)	Bars	511	0%	511
6	Reinforcement #6 (2199 LF) (1 Bar = 20' L)	Bars	110	0%	110
7	Reinforcement #7 (662 LF) (1 Bar = 20' L)	Bars	31	0%	31
	FORMWORK				
8	Formwork	SF	9331	10%	10264

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SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
	EXCAVATION				
9	Excavation	CY	591	10%	650
	BACKFILL				
10	Backfill	CY	295	10%	325
	SUB-GRADE				
11	Prepared Sub-Grade	SF	37960	10%	41756
	SAWN JOINT				
12	1/8" Wide x 2" Deep Sawn Joint - Use Joint Filler To Slab Surface	LF	3063	10%	3369
13	1/8" Wide x 1-1/4" Deep Sawn Joint - Use Joint Filler To Slab Surface	LF	304	10%	335