SURVEY NOTES:

1. PARTIAL TOPOGRAPHICAL INFORMATION WAS TAKEN FROM A PARTIAL SITE SURVEY PERFORMED BY FORCUM LANNOM CONTRACTORS IN SEPTEMBER 2021.
2. COORDINATES ARE REFERENCED TO A LOCAL COORDINATE SYTSTEM.
3. FINISH FLOOR OF EX. BUILDING REFERENCED AS 100.00 IS ASSUMED.

SITE PREPARATION AND EARTHWORK NOTES:

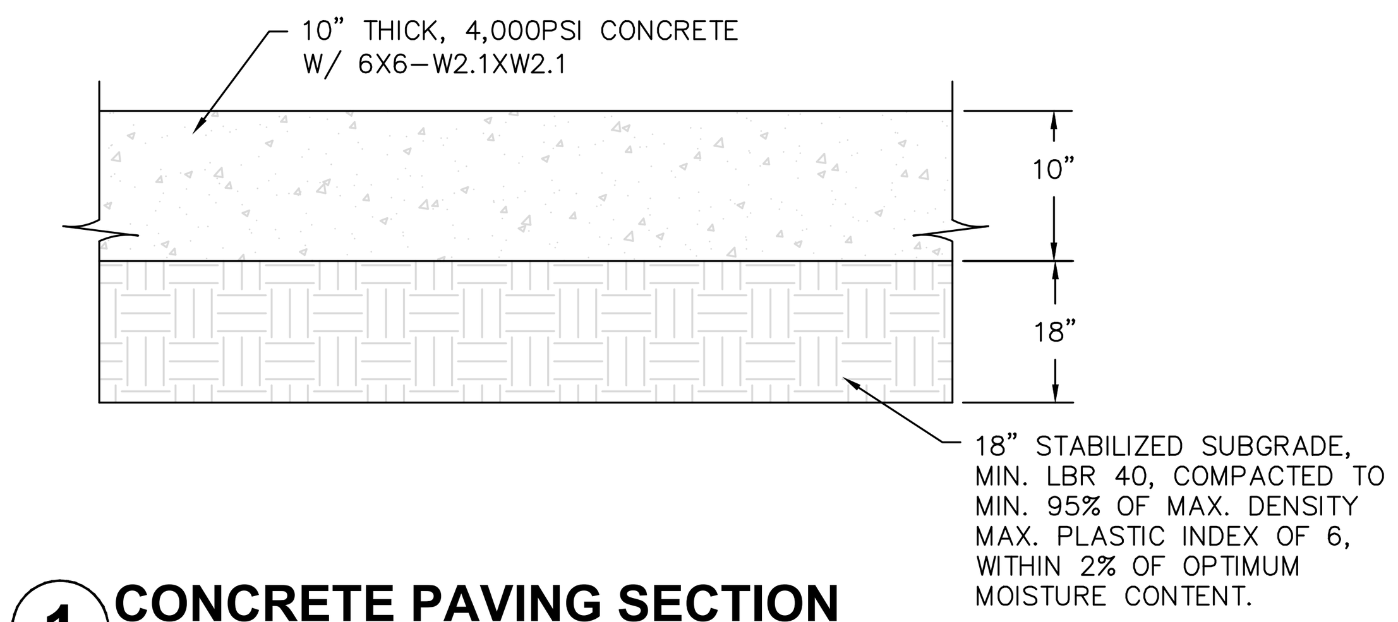
1. MINIMUM COMPACTION REQUIREMENTS HAVE BEEN ASSUMED FROM PAST GEOTECHNICAL REPORTS. FINAL REQUIREMENTS MUST BE PROVIDED BY THE SOILS TESTING ENGINEERING.
2. THE UPPER 18 INCHES OF SUBGRADE BELOW THE PAVEMENT SHALL BE SCARIFIED AND RECOMPACTED TO 95% MODIFIED PROCTOR MAX DRY WEIGHT DENSITY WITH A MOISTURE CONTENT WITHIN 2% OF THE OPTIMUM MOISTURE CONTENT.
3. IN AREAS WHERE STRUCTURAL FILL IS REQUIRED, THE FILL SHALL BE PLACED IN LIFTS OF 6 INCHES AND COMPACTED TO 100% STANDARD PROCTOR MAX DRY WEIGHT DENSITY. STRUCTURAL FILL SHALL CONSIST OF GRANULAR SOIL CONTAINING LESS THAN 10% MATERIAL PASSING NO 200 SIEVE.
4. STRIPPED AREAS TO RECEIVE FILL AS REQUIRED. THICKNESS & COMPACTION REQUIREMENTS TO BE DETERMINED BY SOILS ENGINEER.
5. WHEN FIELD TESTS INDICATE THAT INSTALLED COMPACTED MATERIAL DOES NOT MEET REQUIREMENTS, THE CONTRACTOR WILL PROVIDE ADDITIONAL COMPACTION UNTIL SPECIFIED DENSITY IS ACHIEVED, OR REMOVE AND REPLACE DEFECTIVE MATERIAL AS DIRECTED BY SOILS ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
6. SITE PREPARATION: TREES AS INDICATED, VEGETATION, ROOTS, AND ANY SOFT SOILS IN THE BUILDING OR PAVEMENT AREAS WILL BE STRIPPED FROM THE GROUND SURFACE AND REMOVED FROM SITE. TOP SOIL SHALL BE STOCK PILED ON SITE AND RE-SPREAD AS REQUIRED IN YARD AREAS.
7. PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATE TOP OF FINISHED GRADE UNLESS OTHERWISE NOTED.
8. ALL FILL MATERIALS AS REQUIRED TO BRING CUT/FILL OPERATIONS TO GRADE SHALL MEET THE SELECT FILL REQUIREMENTS IF TAKEN FROM ONSITE OR APPROVED BY THE SOILS ENGINEER.

UTILITY NOTES:

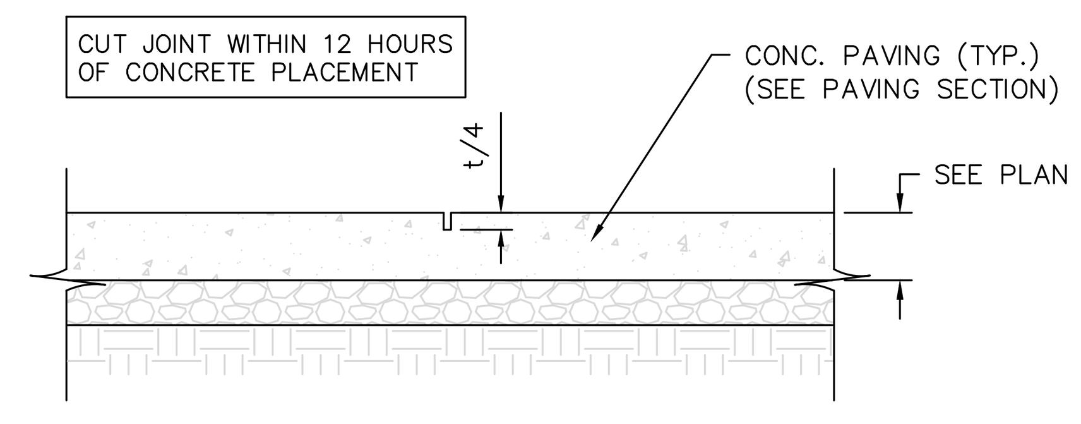
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE UTILITY COMPANY TO DETERMINE THE EXACT LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES PRIOR TO THE INITIATION OF ANY CONSTRUCTION. CONTRACTOR SHALL ALSO ASSUME FULL RESPONSIBILITY FOR DAMAGE TO ANY UTILITIES ENCOUNTERED WITHIN CONSTRUCTION LIMITS.
2. UTILITIES SHOWN WERE TAKEN FROM EXISTING DRAWINGS PROVIDED BY OWNER. ALL UTILITIES SHALL BE FIELD VERIFIED. CALL 1-800-432-4770 TO NOTIFY FLORIDA ONE-CALL SYSTEM INC. 3 BUSINESS DAYS PRIOR TO EXCAVATION.

GENERAL CONSTRUCTION NOTES:

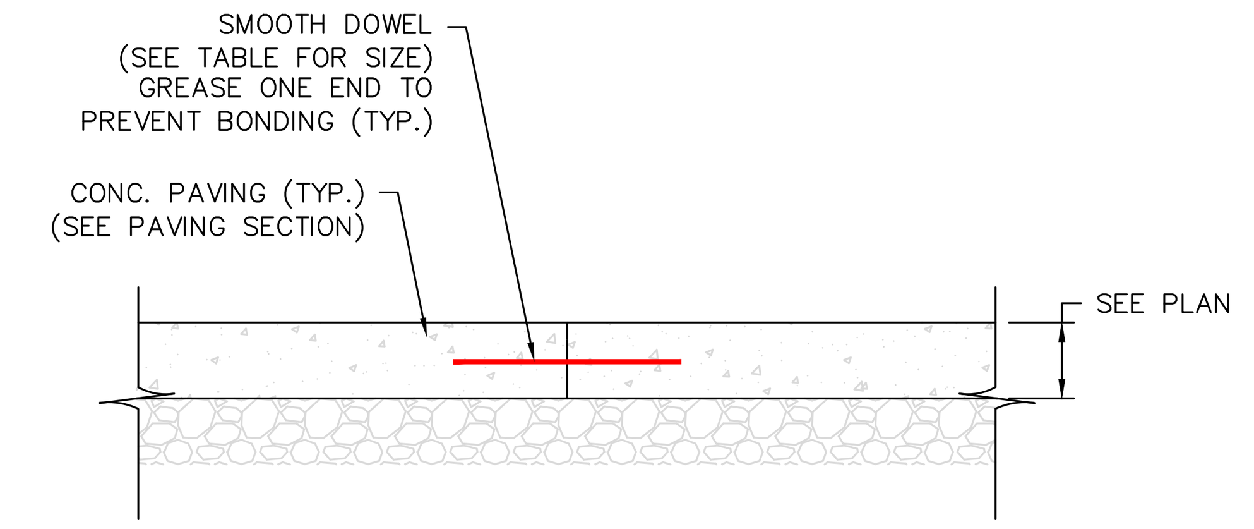
1. PROPERTY LINES SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION. GRADING, CLEARING, AND THE ERECTION OR REMOVAL OF FENCES ALONG PROPERTY LINES SHALL BE FULLY COORDINATED WITH ADJACENT PROPERTY OWNERS BEFORE BEGINNING CONSTRUCTION.
2. VERIFY SITE CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY CITY OF HEARNE CONSTRUCTION INSPECTION OFFICE & ENGINEER OF ANY VARIATIONS PRIOR TO COMMENCEMENT OF WORK.
3. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTIES.
4. THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL MEASURES PRIOR TO INITIATING CONSTRUCTION. SEE SPECIFIC NOTES, DRAWINGS, & DETAILS FOR MEASURES REQUIRED.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL REQUIRED BUILDING PERMITS HAVE BEEN OBTAINED PRIOR TO BEGINNING ANY CONSTRUCTION.
6. ANY ASPHALT PAVEMENT, CONCRETE PAVING, OR SIDEWALKS DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITY SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF ANY TRENCH STABILIZATION REQUIRED BY OSHA CONSTRUCTION STANDARD FOR EXCAVATIONS, 29 CFR PART 1926, SUBPART P.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION RELATED SURVEYING, INCLUDING ALL LAYOUT AND GRADE STAKING.
9. CONTRACTOR SHALL NOTIFY THE WARE COUNTY CONSTRUCTION INSPECTION OFFICE A MINIMUM OF 24 HOURS PRIOR TO BEGINNING CONSTRUCTION.



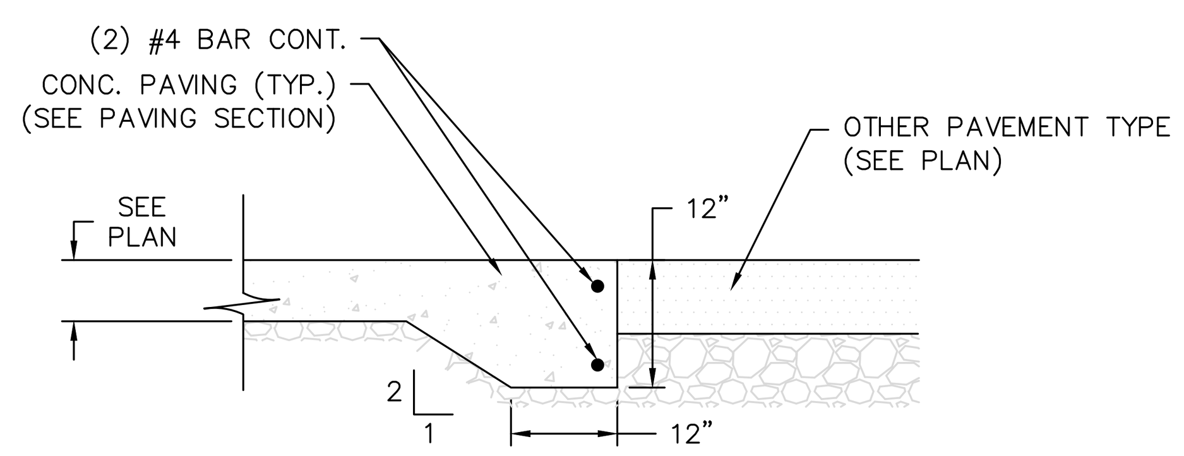
1 CONCRETE PAVING SECTION
SCALE: N.T.S.



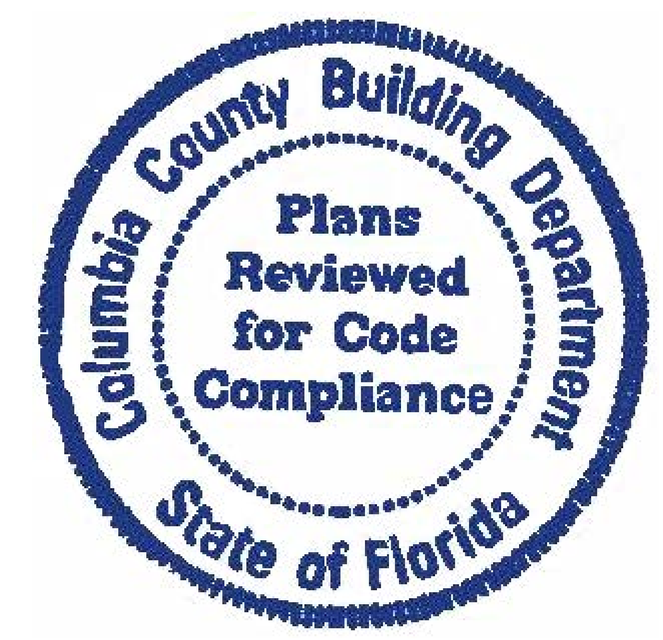
5 TYP. CONTROL JOINT DETAIL
SCALE: N.T.S.



3 TYP. CONSTRUCTION JOINT DETAIL @ CONC. PAVING
SCALE: N.T.S.



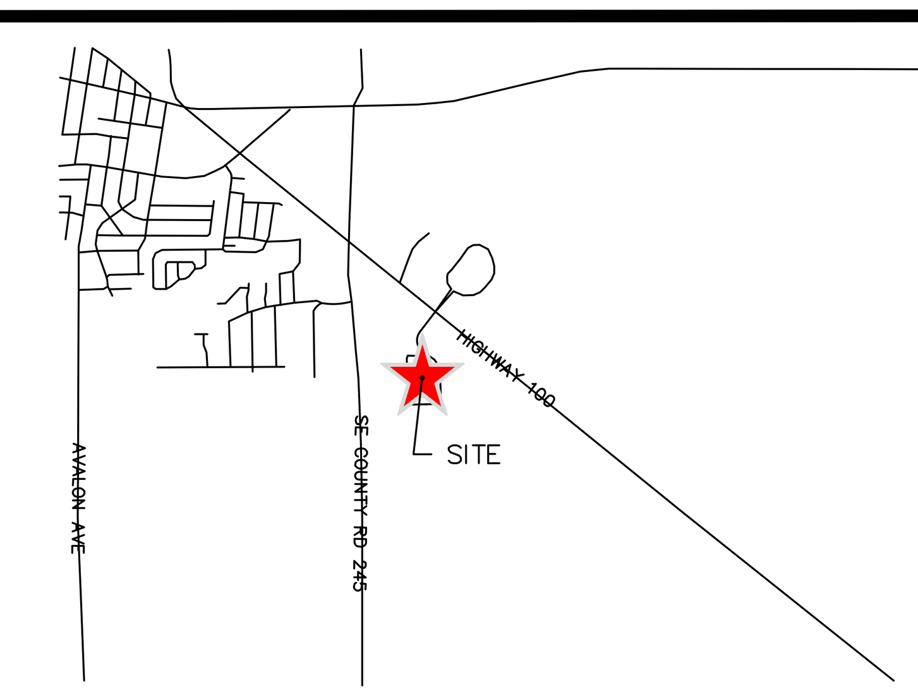
6 CONCRETE PAVING TRANSITION TURNDOWN
SCALE: N.T.S.



DOWEL SIZE & SPACING FOR CONSTRUCTION & CONTRACTION JOINTS (TABLE 6.1-ACI 360R-10) DIAMOND DOWEL PER TABLE 3.2-ACI 302.1R-04

SLAB DEPTH (IN.)	DOWEL DIMENSIONS (IN.) CONSTRUCTION JOINT		DOWEL SPACING O.C. (IN.)	
	ROUND	DIAMOND	ROUND	DIAMOND
5 TO 6	3/4 X 10	1/4 X 4 1/2 X 4 1/2	12	18
7 TO 8	1 X 13	3/8 X 4 1/2 X 4 1/2	12	18
9 TO 11	1-1/4 X 15	3/4 X 4 1/2 X 4 1/2	12	20

Know what's **below.**
Call before you dig.



VICINITY MAP
N.T.S.

TRUE NORTH

SITE ADDRESS: 388 SE ENTERPRISE CT. LAKE CITY, FLORIDA 32025

OWNER: CARLISLE CONSTRUCTION MATERIALS, LLC

OWNES: ENGINEER: RANDALL RHODES

ZONING: I

MASTER LEGEND

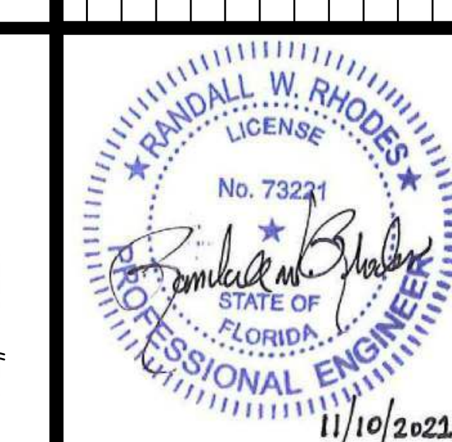
SANITARY SEWER LINE
NATURAL GAS LINE
DOMESTIC WATER LINE
SPRINKLER LINE
FENCE LINE
EXISTING STORM DRAINAGE PIPE
NEW STORM DRAINAGE PIPE
RAILROAD TRACKS
OVERHEAD ELECTRIC LINE
UNDERGROUND ELECTRIC LINE
PROPERTY LINE
HEAVY DUTY ASPHALT PAVING
LIGHT DUTY ASPHALT PAVING
GRAVEL PAVING
CONCRETE PAVING
SEALED ASPHALT
GRASS AREA
RIP-RAP
WORK POINT
NUMBER OF PARKING SPACES
EXISTING SPOT ELEVATIONS
PROPOSED SPOT ELEVATIONS
DIRECTION OF FLOW
PROPOSED CONTOURS
EXISTING CONTOURS

RCP: REINFORCED CONCRETE PIPE
CMP: CORRUGATED METAL PIPE
PP: POWER POLE
FFE: FINISHED FLOOR ELEVATION
CONC: CONCRETE
CPS: COTTON PICKER SPINDLE
T/C: TOP OF CURB
B/C: BOTTOM OF CURB
T/G: TOP OF GRATE
TBM: TEMPORARY BENCH MARK
RCB: REINFORCED CONCRETE BOX

NOTICE

NO.	DATE	DESCRIPTION

RANDALL W. RHODES
PE# 73221



PROJECT NO. 2116TN
DRAWN BY CEO
DESIGN LEADER
CHECKED BY
REVIEWED BY (PROJECT MANAGER)

NEW EQUIPMENT FOUNDATION & CANOPY
CARLISLE CONSTRUTION MATERIALS
LAKE CITY, FLORIDA

FORCUM LANNOM CONTRACTORS, LLC
350 US Hwy. 51 Bypass S. Dyersburg, Tennessee 38024 PH: (731) 287-4700

Sheet Name GENERAL NOTES, LEGENDS
Date 11-10-2021
Sheet C0.1

OVERALL EXISTING/DEMO. PLAN

SCALE: 1"=10'-0"

10' 0 10' 20' 30'

TRUE NORTH

NO.	DATE	DESCRIPTION

RANDALL W. RHODES
P.E.# 73221

RANDALL W. RHODES LICENSE No. 73221 STATE OF FLORIDA PROFESSIONAL ENGINEER
11/10/2021

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CHECKED BY -

REVIEWED BY
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LAKE CITY, FLORDIA

FORCUM LANNOM CONTRACTORS, LLC
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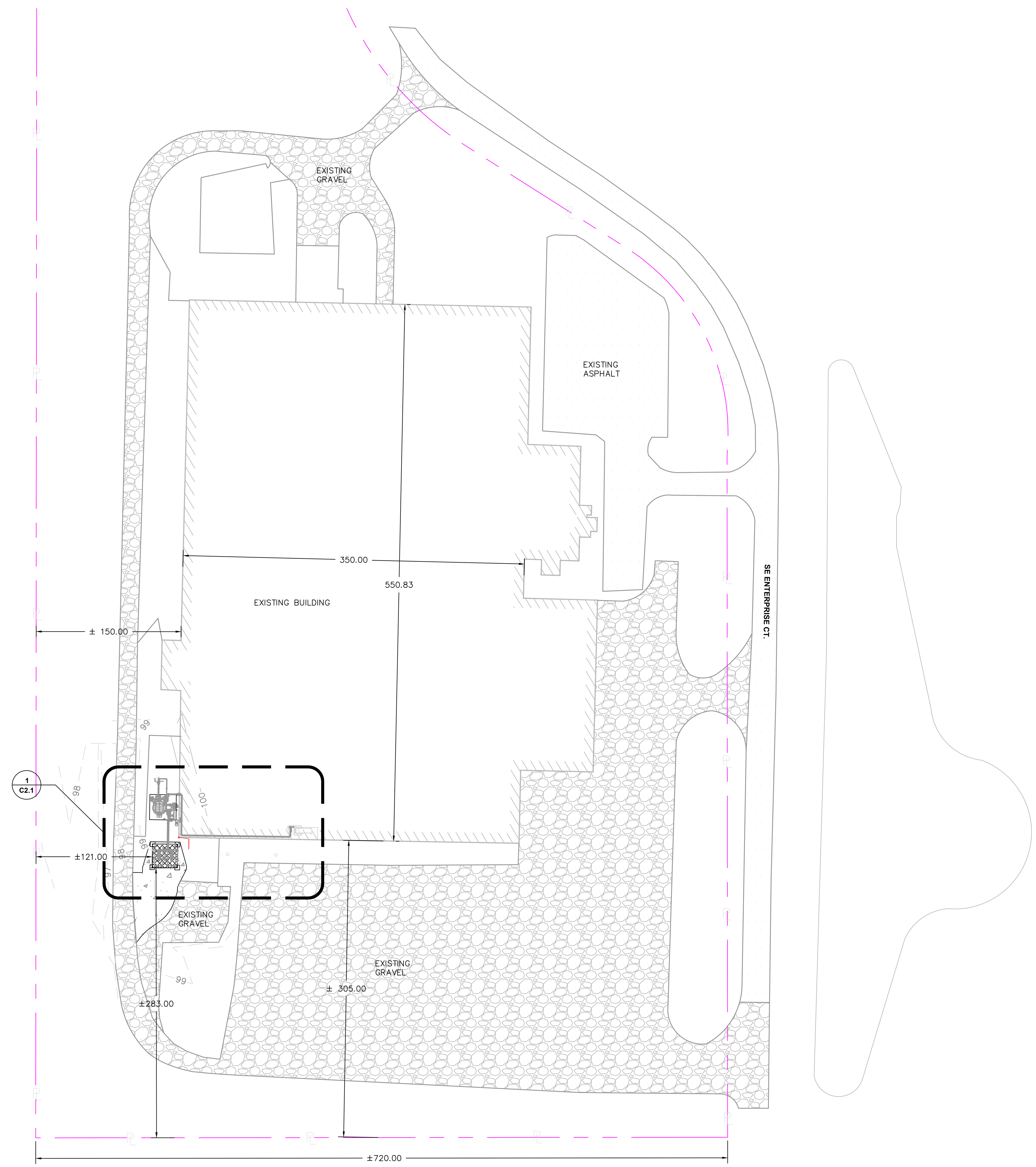
Sheet Name
OVERALL
EXISTING/DEMO. PLAN

Date **11-10-2021**

Sheet **C1.0**



TRUE NORTH

OVERALL SITE PLAN

SCALE: 1"=30'-0"

30' 0 30' 60' 90'

NOTICE

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NO.	DATE	DESCRIPTION

RANDALL W. RHODES
PE# 73221

RANDALL W. RHODES LICENSE No. 73221 STATE OF FLORIDA PROFESSIONAL ENGINEER
11/10/2021

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LAKE CITY, FLORDIA

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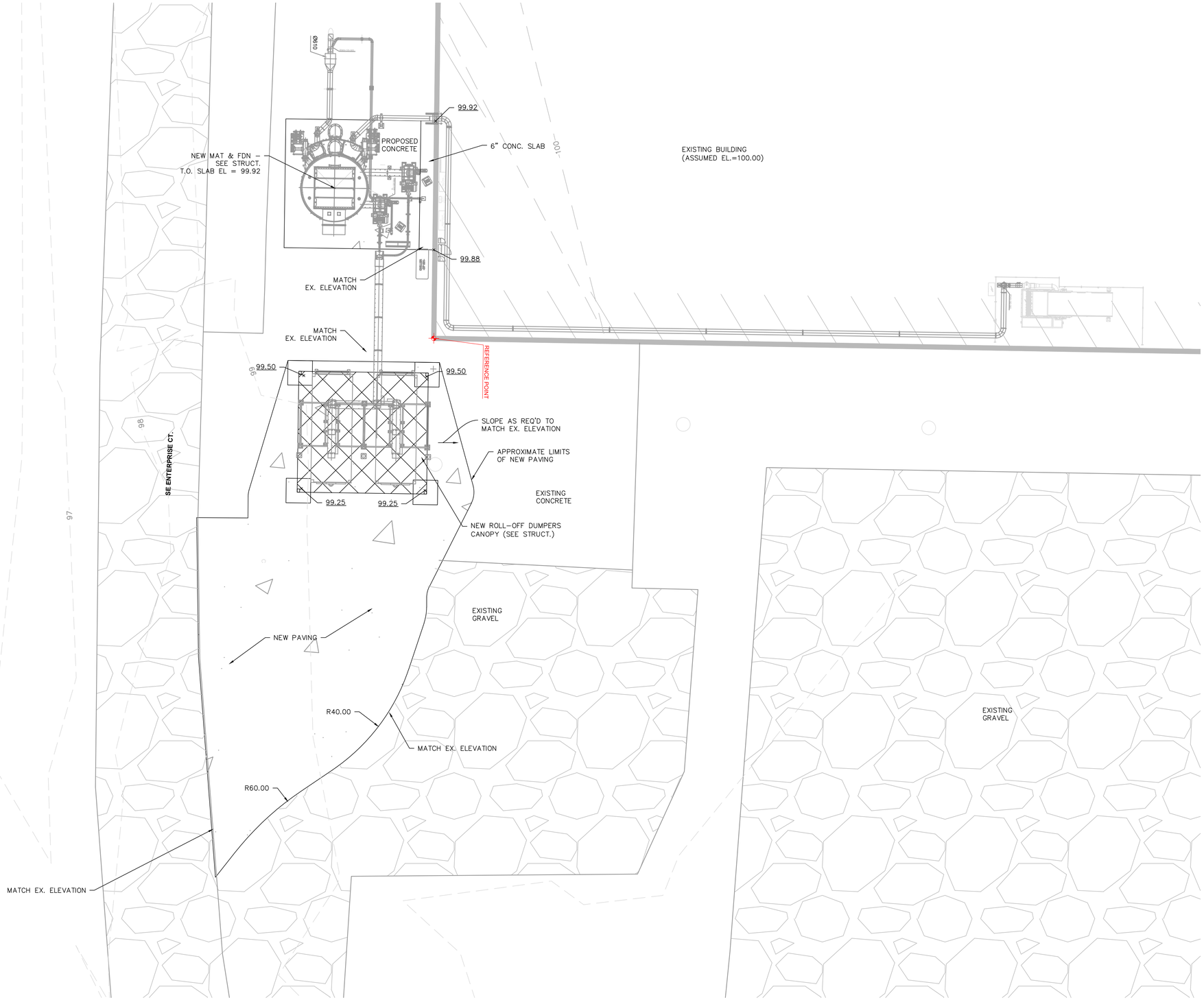
350 US Hwy. 51 Bypass S. Dyersburg, Tennessee 38024 PH: (731) 287-4700

Sheet Name
OVERALL SITE PLAN

Date **11-10-2021**

Sheet **C2.0**



ENLARGED SITE PLAN

SCALE: 1"=10'-0"

10' 0 10' 20' 30'

TRUE NORTH

NOTE:
1. NO IMPERVIOUS AREA WILL BE ADDED.
2. STORMWATER MANAGEMENT WILL NOT BE ALTERED FOR THIS EQUIPMENT & CANOPY INSTALLATION.

NO.	DATE	DESCRIPTION

RANDALL W. RHODES
P.E.# 73221

RANDALL W. RHODES LICENSE No. 73221 STATE OF FLORIDA PROFESSIONAL ENGINEER
11/10/2021

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LAKE CITY, FLORDIA

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350 US Hwy, 51 Bypass S. Dyersburg, Tennessee 38024 PH: (731) 287-4700

Sheet Name
ENLARGED SITE PLAN

Date **11-10-2021**

Sheet **C2.1**

SHALLOW FOUNDATION GENERAL NOTES

2200.01
MAXIMUM ALLOWABLE NET BEARING PRESSURE FOR FOOTINGS= 2,500 PSF. SEE SOILS REPORT NO. 03-385 DATED SEPTEMBER 30, 2003 AND SOILS REPORT NO. 21-00398-01 DATED SEPTEMBER 20, 2021 BY CAL-TECH TESTING, INC.

2200.02
THE GENERAL CONTRACTOR SHALL OBTAIN A COPY OF THE GEOTECHNICAL EVALUATION AND OBSERVE ALL RECOMMENDATIONS IN THE REPORT.

2200.03
FOOTING EXCAVATIONS SHALL BE OBSERVED BY AN EXPERIENCED GEOTECHNICAL ENGINEER PRIOR TO STEEL OR CONCRETE PLACEMENT IN ORDER TO ASSESS THAT THE FOUNDATION MATERIALS ARE CONSISTENT WITH THE FINDINGS IN THE GEOTECHNICAL EVALUATION.

2200.04
IN THE EVENT THAT THE SOILS TEST RESULTS ARE DISAPPROVED, FOOTING EXCAVATIONS SHALL BE UNDERCUT (UNDER THE DIRECTION OF THE SOILS ENGINEER) UNTIL SOILS OF ADEQUATE BEARDING CAPACITY ARE ENCOUNTERED. BACKFILL UNDER FOOTINGS SHALL CONSIST OF CONCRETE F'C = 2500 PSI @ 28 DAYS PLACED UP TO THE PROPOSED BOTTOM OF FOOTING ELEVATION.

2200.05
ALL FILLING, BACKFILLING, COMPACTING AND RECOMPACTING MUST HAVE A MINIMUM COMPACTION PERCENTAGE OF THE MAXIMUM DENSITY AS SPECIFIED IN THE GEOTECHNICAL REPORT.

2200.06
FOR REQUIREMENTS OF EARTHWORK, SUBGRADE PREPARATION, ENGINEERED BACKFILL AND COMPACTION, OVER EXCAVATION, WATERPROOFING, AND OTHER PERTINENT REQUIREMENTS AND INFORMATION REFER TO GEOTECHNICAL EVALUATION AND SPECIFICATIONS.

2200.07
ALL WATER SHALL BE REMOVED FROM FOUNDATION EXCAVATIONS PRIOR TO PLACING OF CONCRETE. IF BOTTOMS OF TRENCHES BECOME SOFTENED DUE TO WATER BEFORE FOOTINGS ARE CAST, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL FOLLOW RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.

2200.08
ALL PIPES (WATER LINES, SEWER LINES, ETC.) AND CONDUITS RUNNING THROUGH WALLS/ SLABS SHALL BE PROTECTED WITH ½" EXPANSION MATERIAL.

2200.09
CONTINUOUS FOOTING PERPENDICULAR TO PIPE RUNS SHALL BE EITHER LOWERED TO ALLOW PIPES TO PASS THROUGH ABOVE SUCH FOOTINGS OR HAVE CONCRETE JACKET IF PIPES ARE LOW ENOUGH TO BE PLACED BELOW SUCH FOOTINGS. FOOTINGS PARALLEL TO PIPE RUNS SHALL BE LOWERED TO AVOID SURCHARGE ONTO THE TRENCH EXCAVATIONS.

2200.10
REFER TO CIVIL PLANS FOR LIMITS OF EXCAVATION.

CONCRETE GENERAL NOTES

3100.01
ALL DETAILING, FABRICATION AND PLACING OF REINFORCING STEEL SHALL CONFORM TO THE ACI STANDARD "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" (ACI 315).

3100.02
CONCRETE SHALL BE ENTRAINED WITH 4-7% AIR, SHALL DEVELOP 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.

3100.03
CHAMFER ALL EXPOSED EXTERNAL CORNERS OF CONCRETE WITH 3/4" X 45° CHAMFER, UNLESS NOTED OTHERWISE.

3100.04
ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60.

3100.05
ALL REINFORCING BAR SPLICES SHALL BE 44 BAR DIAMETERS.

3100.06
ALL REINFORCING BAR HOOKS SHALL BE ACI STANDARD HOOK, UNLESS NOTED OTHERWISE.

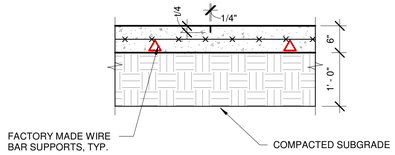
3100.07
PROVIDE TWO #5 X 5'-0" LONG DIAGONAL BARS IN TOP FACE AT ALL RE-ENTRANT CORNERS IN SLAB.

3100.08
PROVIDE CORNER BARS IN FOOTINGS & TURN-DOWN SLABS SAME SIZE & SPACING AS LONGITUDINAL REINFORCING.

3100.09
PROVIDE (1) #4 HOOP WITH 8" LAP IN SLAB AROUND FLOOR DRAINS AND COLUMNS.

3100.10
BAR SUPPORTS AT FOOTINGS & SLAB-ON-GRADE SHALL BE FACTORY MADE WIRE BAR SUPPORTS.

3100.11
ALL SLOTS, SLEEVES AND OTHER EMBEDDED ITEMS SHALL BE SET BEFORE CONCRETE IS PLACED. SEE CIVIL, ELECTRICAL, MECHANICAL, AND VENDOR'S DRAWINGS FOR SIZE & LOCATIONS.



6" SLAB-ON-GRADE

1 CONC. CONTROL JT.
Scale: 3/4" = 1'-0"

TYPICAL STRUCTURAL ABBREVIATIONS

ACI	AMERICAN CONCRETE INSTITUTE	EXP	EXPANSION	PEMB	PRE-ENGINEERED METAL BUILDING
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	FIN.	FINISH	PL, or ℙ	PLATE
ASTM	AMERICAN SOCIETY OF TESTING MATERIALS	FLR	FLOOR	PLF	POUNDS PER FOOT
AB	ANCHOR BOLT	FDN	FOUNDATION	PROJ	PROJECTION
L	ANGLE	FTG	FOOTING	PSF	POUNDS PER SQUARE FOOT
ARCH	ARCHITECT	F.S.	FAR SIDE	PSI	POUNDS PER SQUARE INCH
BLDG	BUILDING	GA	GAUGE	R	RADIUS
BM	BEAM	GALV	GALVANIZED	REINF	REINFORCEMENT
BOT	BOTTOM	HK	HOOK	REQ'D	REQUIRED
BRG	BEARING	HORIZ	HORIZONTAL	RTU	ROOF TOP UNIT
℄	CENTER LINE	H.S.A.	HEADED STUD ANCHOR	SCHED	SCHEDULE
CLR	CLEAR	J.B.E.	JOIST BEARING ELEVATION	SECT	SECTION
COL	COLUMN	JST	JOIST	SIM	SIMILAR
CONC	CONCRETE	JT	JOINT	SJI	STEEL JOIST INSTITUTE
CONN	CONNECTION	LLH	LONG LEG HORIZONTAL	S.O.G.	SLAB ON GRADE
CONT	CONTINUOUS	LLV	LONG LEG VERTICAL	SPA	SPACING
DIA, or Ø	DIAMETER	LONG.	LONGITUDINAL	SPECS	SPECIFICATIONS
DIM	DIMENSION	LG	LONG	STD	STANDARD
DTL	DETAIL	MAX	MAXIMUM	STL	STEEL
DN	DOWN	MECH	MECHANICAL	TOC	TOP OF CONCRETE
do	DITTO	MBM	METAL BUILDING MANUFACTURER	TOF	TOP OF FOOTING
DWG	DRAWING	MIN	MINIMUM	TOS	TOP OF STEEL
DWL	DOWEL	MISC	MISCELLANEOUS	TOW	TOP OF WALL
EA	EACH	MFR	MANUFACTURER	TRANS.	TRANSVERSE
EL	ELEVATION	MTL	METAL	TYP	TYPICAL
EQ	EQUAL	N.S.	NEAR SIDE	UNO	UNLESS NOTED OTHERWISE
EW	EACH WAY	o.c.	ON CENTER	VERT	VERTICAL
EXIST.	EXISTING	O.F.	OUTSIDE FACE	W/	WITH
		OPNG	OPENING	WP	WORK POINT
		OVHD	OVERHEAD	WWF	WELDED WIRE FABRIC

NO.	DATE	DESCRIPTION

RANDALL W. RHODES
PE# 73221

RANDALL W. RHODES LICENSE No. 73221 STATE OF FLORIDA PROFESSIONAL ENGINEER
11/10/2021

PROJECT NO. 2116TN
DRAWN BY CEO
DESIGN LEADER DHZ
CHECKED BY
REVIEWED BY
(PROJECT MANAGER)

NEW EQUIPMENT FOUNDATION AND CANOPY
CARLISLE CONSTRUCTION MATERIALS
LAKE CITY, FLORDIA

FORCUM LANNOM CONTRACTORS, LLC
350 US Hwy. 51 Bypass S. Dyersburg, Tennessee 38024 PH: (731) 287-4700

Sheet Name
FOUNDATION GENERAL NOTES AND TYPICAL DETAILS

Date 11-10-2021

Sheet S1.1

11/12/2021 9:29:57 AM

STRUCTURAL STEEL GENERAL NOTES

5100.01
ALL DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF THE AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.

5100.02
WIDE FLANGES & WT TEES SHALL CONFORM TO ASTM A992 WITH A YIELD STRENGTH OF 50 KSI.

5100.03
STEEL TUBES SHALL CONFORM TO ASTM A500, GRADE B WITH A YIELD STRENGTH OF 46 KSI.

5100.04
STEEL PIPE SHALL CONFORM TO ASTM A53, GRADE B WITH A YIELD STRENGTH OF 35 KSI.

5100.05
ALL OTHER STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36.

5100.06
HEADED STUD ANCHORS (H.S.A.) SHALL CONFORM TO ASTM AIO8.

5100.07
ALL ANCHOR BOLTS SHALL CONFORM TO ASTM A1554 GRADE 36. NUTS FOR ANCHOR BOLTS SHALL CONFORM TO ASTM A563, GRADE A, HEAVY HEX AND ANCHOR BOLT WASHERS SHALL CONFORM TO FS F-W-92.

5100.08
ALL WELDING SHALL CONFORM TO THE SPECIFICATIONS OF THE AMERICAN WELDING SOCIETY. WELDING ELECTRODES SHALL BE E-70 SERIES. WELDING SHALL BE DONE BY A CERTIFIED WELDER.

5100.09
WELDS NOT CALLED OUT ON DRAWINGS ARE MINIMUM SIZE FILLET WELDS IN ACCORDANCE WITH AWS D1.1, LATEST EDITION. FILLET WELDS SHALL BE CONTINUOUS WHERE LENGTH IS NOT SPECIFIED ON DRAWINGS. WELDS SHOWN ON DRAWINGS ARE THE MINIMUM FOR DESIGN REQUIREMENTS. FABRICATOR'S SHOP DRAWINGS SHALL REFLECT WELDS IN CONFORMANCE WITH AWS REQUIREMENTS.

5100.10
HIGH STRENGTH BOLTS SHALL BE 3/4" DIAMETER BOLTS (UNLESS NOTED OTHERWISE) CONFORMING TO ASTM A325. CONNECTIONS SHALL BE DESIGNED AS BEARING TYPE WITH THREADS IN SHEAR PLANE. HOLES SHALL BE 1/16" LARGER THAN BOLT SIZE.

5100.11
ALL BOLTS SHALL BE TIGHTENED TO A SNUG-TIGHT CONDITION. A SNUG TIGHT CONDITION IS DEFINED AS THE TIGHTNESS ATTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF A MAN USING AN ORDINARY SPUD WRENCH. ALL CONNECTED ELEMENTS MUST BE BROUGHT INTO SNUG CONTACT.

5100.12
BEARING ENDS OF ALL COLUMNS SHALL BE SQUARE CUT.

5100.13
NO OPENINGS SHALL BE CUT IN STRUCTURAL MEMBERS UNLESS SHOWN ON THE DRAWINGS.

5100.14
STEEL FRAME IS NON-SELF-SUPPORTING AND COLUMN ANCHOR BOLTS ARE DESIGNED FOR A COMPLETED CONDITION ONLY. ROOF DECK AND KNEE BRACES ARE REQUIRED TO PROVIDE LATERAL STABILITY FOR THE FRAME AND RESISTANCE TO SEISMIC FORCES. CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING REQUIRED TO MAINTAIN STABILITY OF STRUCTURAL SYSTEM.

5100.15
ALL COLUMN BASE PLATES SHALL BEAR ON 1 1/2" NON-SHRINK NON-METALLIC GROUT UNLESS NOTED OTHERWISE.

5100.16
ANCHOR BOLT HOLES IN BASE PLATES SHALL BE SIZED IN ACCORDANCE WITH AISC "DETAILING FOR STEEL CONSTRUCTION".

5100.17
SHOP DRAWINGS FOR STRUCTURAL STEEL SHALL BE SUBMITTED FOR APPROVAL PRIOR TO FABRICATION.

STEEL DECK GENERAL NOTES

5300.01
ROOF DECK SHALL BE 1 1/2" DEEP, 22 GAUGE, PAINTED WIDE RIB TYPE AND SHALL HAVE NESTED SIDE LAPS (VULCRAFT 1.5B22 OR APPROVED EQUAL). SEE FRAMING PLAN AND DETAILS FOR LIMITS OF DECK.

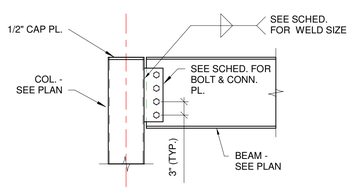
5300.02
ROOF DECK SHALL BE WELDED TO THE STEEL FRAMING PER THE ROOF DECK FASTENING PATTERN AS SPECIFIED IN DETAIL 5/S1.2.

5300.03
ALL DECK SHALL BE FASTENED PER STEEL DECK INSTITUTE (SDI) REQUIREMENTS.

5300.04
DECK SPECIFIED HAS BEEN DETERMINED ON BASIS OF 3 SPAN CONDITION; DECK SUPPLIER SHALL USE HEAVIER GAUGE IF REQUIRED FOR ONE & TWO SPAN CONDITIONS.

DESIGN LOADS

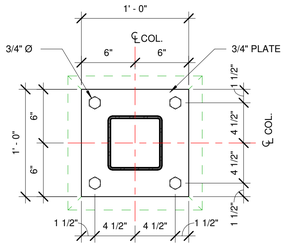
1. ROOF DEAD LOAD:.....20 PSF
2. ROOF LIVE LOAD:.....20 PSF
3. SNOW LOAD:
   - GROUND SNOW LOAD: 0 PSF
4. WIND LOAD:
   - BASIC WIND SPEED (3-SECOND GUST) = 140 mph (120 mph MIN. PER FBC)
   - WIND IMPORTANCE FACTOR (Iw) = 1.0 (1.15 for C&C)
   - BUILDING CATEGORY II
   - WIND EXPOSURE B
5. SEISMIC:
   - OCCUPANCY CATEGORY II
   - IMPORTANCE FACTOR = 1.0
   - SDS = 0.105
   - SDI = 0.088
   - SITE CLASS D
   - SEISMIC DESIGN CATEGORY B
   - BASIC STRUCTURAL SYSTEM - STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE
   - SEISMIC RESISTING SYSTEM - STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE
   - RESPONSE MODIFICATION COEFFICIENT (R) = 3.0
   - SYSTEM OVERSTRENGTH FACTOR (Omega) = 3.0
   - DEFLECTION AMPLIFICATION FACTOR (Cd) = 3.0
   - ANALYSIS PROCEDURE - EQUIVALENT LATERAL FORCE PROCEDURE
6. BUILDING CODE:
   - 2020 FLORIDA BUILDING CODE



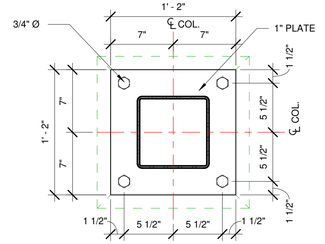
TYP. CONN. SCHEDULE

BEAM SIZE	CONN. PL. THK.	CONN. PL. WELD	NO. OF BOLTS	A325-N BOLT SIZE
W8, C8	1/4"	3/16"	2	3/4" Ø
W10	1/4"	3/16"	2	3/4" Ø
W12	3/8"	1/4"	3	3/4" Ø
W14	3/8"	1/4"	3	3/4" Ø
W16	3/8"	1/4"	4	3/4" Ø

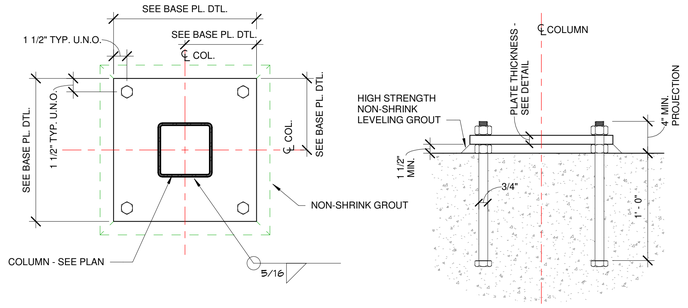
1 TYP. BM TO COL AND BM TO BM CONNECTION
Scale: 3/4" = 1'-0"



2 HSS6x6 BASE PL.
Scale: 1 1/2" = 1'-0"

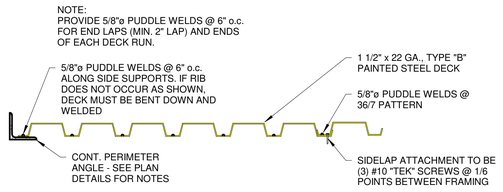


3 HSS8x8 BASE PL.
Scale: 1 1/2" = 1'-0"



PLAN VIEW SECTION VIEW

4 TYP. BASE PL. DTL.
Scale: 1 1/2" = 1'-0"



5 ROOF DECK ATTACHMENT PATTERN
Scale: 1 1/2" = 1'-0"

NO. | DESCRIPTION | DATE

RANDALL W. RHODES
PE# 73221

RANDALL W. RHODES LICENSE No. 73221 STATE OF FLORIDA PROFESSIONAL ENGINEER
11/10/2021

PROJECT NO. 2116TN
DRAWN BY CEO
DESIGN LEADER DHZ
CHECKED BY
REVIEWED BY
(PROJECT MANAGER)

NEW EQUIPMENT FOUNDATION AND CANOPY
CARLISLE CONSTRUCTION MATERIALS
LAKE CITY, FLORDIA

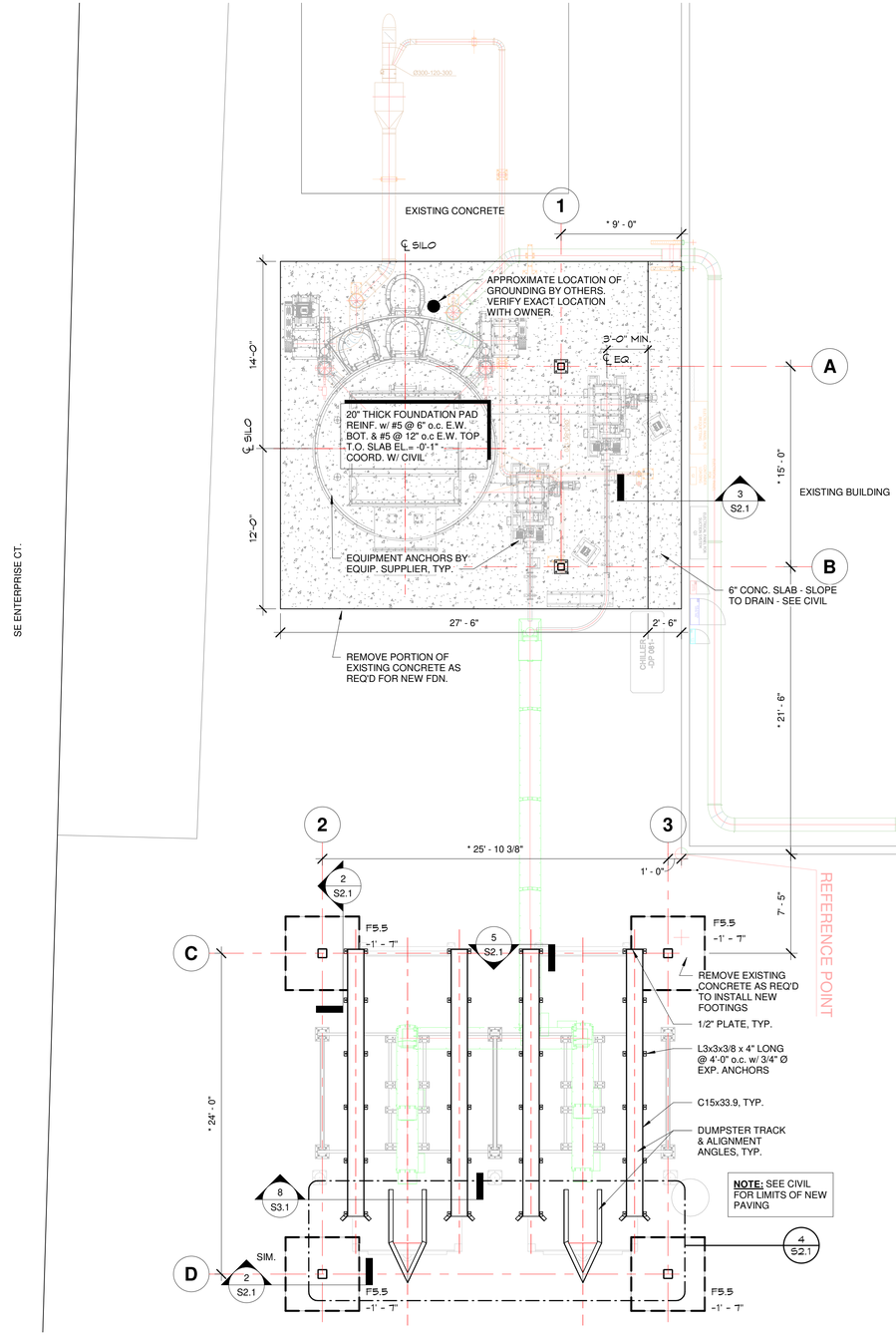
FORCUM LANNOM CONTRACTORS, LLC
350 US Hwy. 51 Bypass S. Dyersburg, Tennessee 38024 PH: (731) 287-4700

Sheet Name
FRAMING GENERAL NOTES AND TYPICAL DETAILS

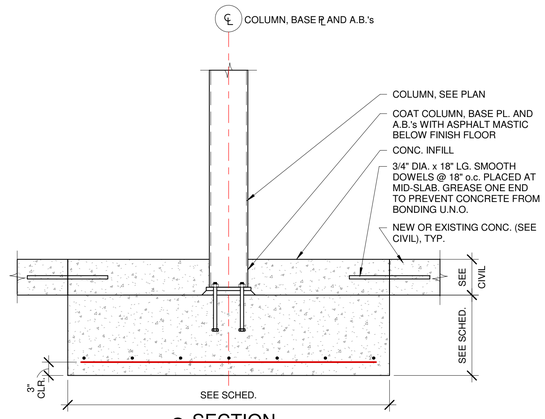
Date 11-10-2021

Sheet S1.2

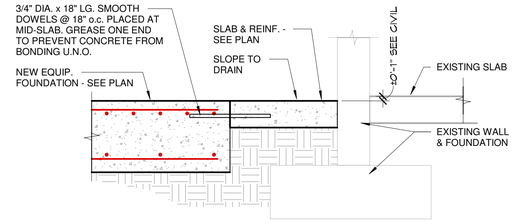
11/12/2021 9:29:57 AM



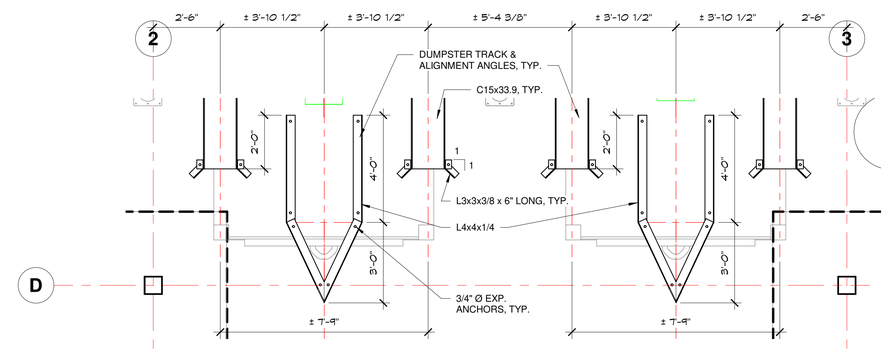
1 FOUNDATION PLAN
Scale: 3/16" = 1'-0"



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



3 SECTION
Scale: 3/4" = 1'-0"



4 ENLARGED PLAN
Scale: 3/8" = 1'-0"

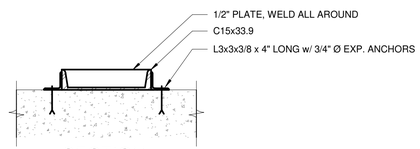
DUMPSTER TRACK NOTES:
1. COORDINATE EXACT LOCATION w/OWNER.
2. COORDINATE ALL DIMENSIONS w/ OWNER.

FOUNDATION PLAN NOTES:
1. SLAB-ON-GRADE CONSTRUCTION - SEE PLAN.
2. ALL ELEVATIONS ARE BASED ON EXISTING FINISH FLOOR ELEVATION = 0'-0". FIELD VERIFY ACTUAL FINISH FLOOR.
3. SEE SHEET S1.1 FOR GENERAL NOTES AND TYPICAL DETAILS.
4. SEE CIVIL FOR DIMENSIONS NOT SHOWN.

FOUNDATION PLAN LEGEND:

F7.0 — FTG. MARK (SEE FTG. SCHED.)
0" — TOP OF FTG. EL.
± DENOTES DIMENSION TO BE FIELD VERIFIED.
* DENOTES DIMENSION TO BE COORD. W/ EQUIP. PROVIDER

FOOTING SCHEDULE				
FTG. MARK	LENGTH	WIDTH	THICKNESS	REINFORCING
F5.5	5' - 6"	5' - 6"	1' - 6"	(6) #5 EA. WAY, BOT.



5 SECTION
Scale: 1" = 1'-0"

TRUE NORTH

SE ENTERPRISE CT.

11/12/2021 9:30:00 AM

NO.	DATE	DESCRIPTION

RANDALL W. RHODES
PE# 73221

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NEW EQUIPMENT FOUNDATION AND CANOPY
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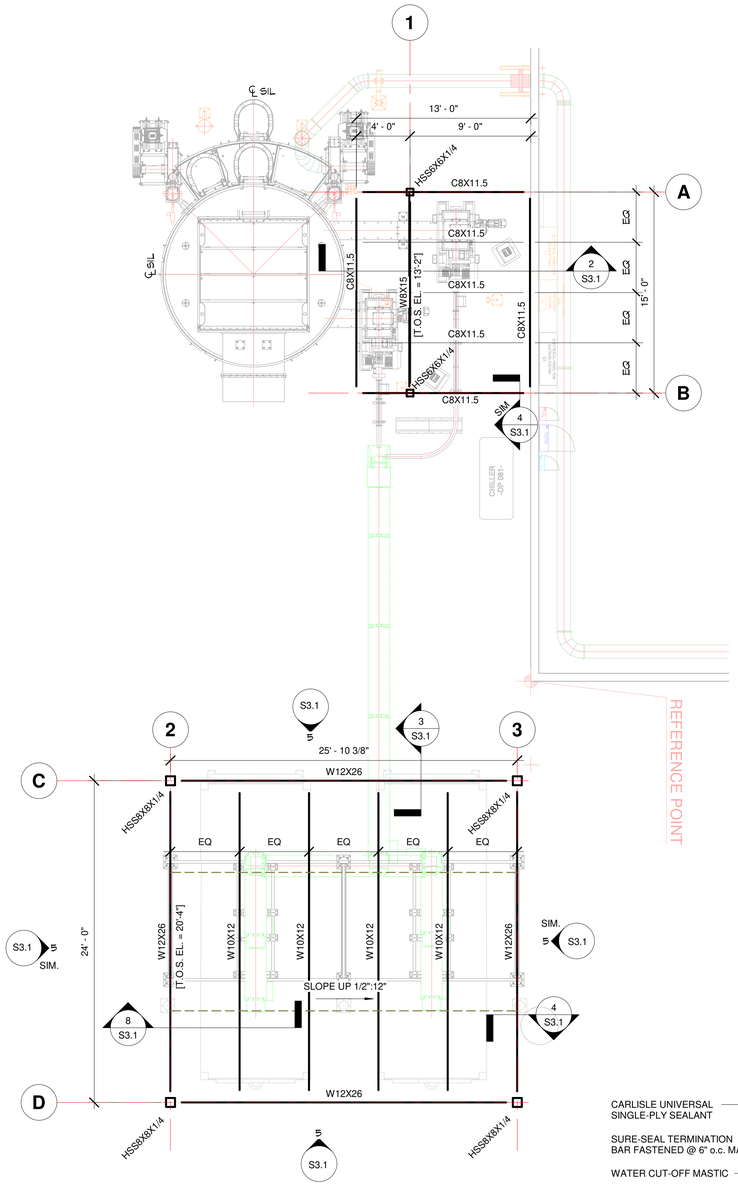
LAKE CITY, FLORDIA

FORCUM LANNOM CONTRACTORS, LLC
350 US Hwy. 51 Bypass S. Dyersburg, Tennessee 38024 PH: (731) 287-4700

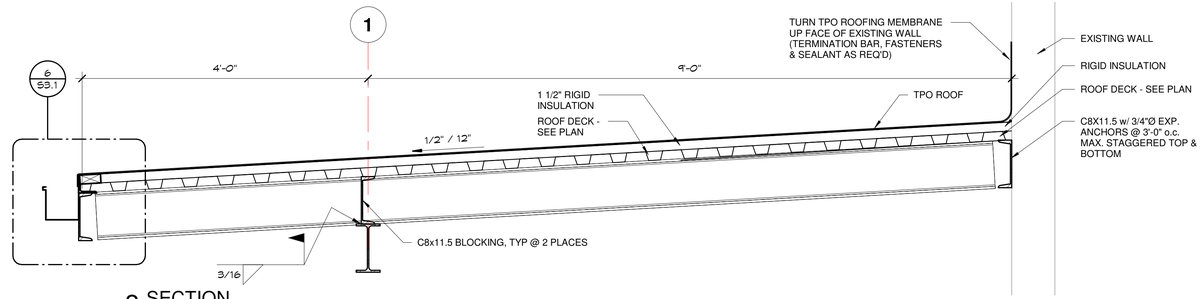
Sheet Name
FOUNDATION PLAN AND DETAILS

Date 11-10-2021

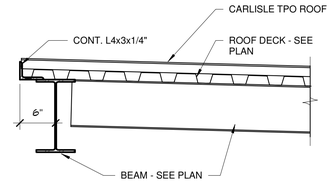
Sheet S2.1



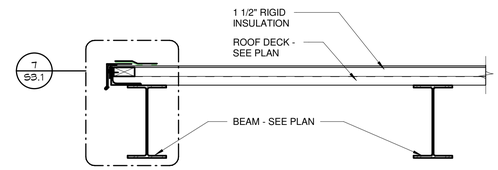
1 FRAMING PLAN
Scale: 3/16" = 1'-0"



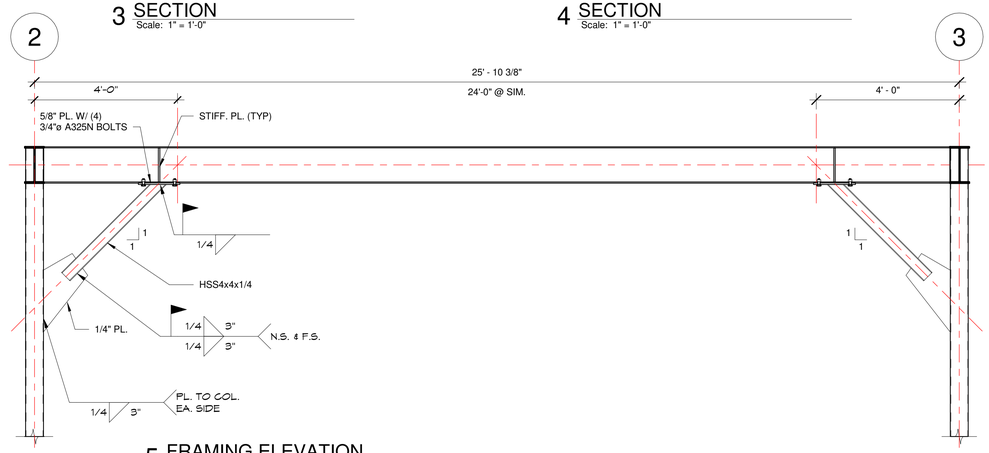
2 SECTION
Scale: 1" = 1'-0"



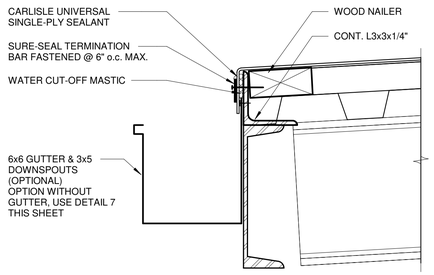
3 SECTION
Scale: 1" = 1'-0"



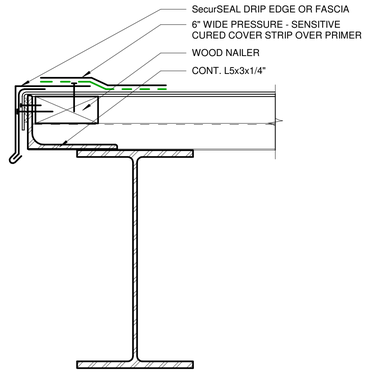
4 SECTION
Scale: 1" = 1'-0"



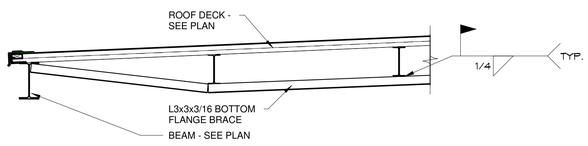
5 FRAMING ELEVATION
Scale: 1/2" = 1'-0"



6 GUTTER DETAIL
Scale: 3" = 1'-0"



7 EDGING DETAIL
Scale: 3" = 1'-0"



8 SECTION
Scale: 1/2" = 1'-0"

FRAMING PLAN NOTES:

1. 1 1/2" ROOF DECK - 1 1/2" PRIMED WIDE RIB STEEL DECK. SEE STEEL DECK GENERAL NOTES FOR ATTACHMENT REQUIREMENTS.
2. TOP OF STEEL DENOTES TOP OF MAIN STEEL
3. TOP OF STEEL EL. VARIES – SEE PLAN.
4. ALL ELEVATIONS BASED ON EXIST. FINISH FLOOR EL. 0'-0".
5. SEE DWG. S1.2 FOR GENERAL NOTES AND TYPICAL DETAILS.
6. SEE FOUNDATION/CIVIL DRAWINGS FOR DIMENSIONS NOT SHOWN.

FRAMING PLAN LEGEND:

- - - -	DENOTES L3x3x3/16 FLANGE BRACING
T.O.S.	DENOTES TOP OF STEEL
O.F.	DENOTES OUTSIDE FACE
±	DENOTES DIMENSION TO BE FIELD VERIFIED
[43' - 8 1/4"]	DENOTES TOP OF STEEL/DECK BEARING EL.

NO.	DATE	DESCRIPTION

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PE# 73221

RANDALL W. RHODES LICENSE No. 73221 STATE OF FLORIDA PROFESSIONAL ENGINEER
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Sheet Name
FRAMING PLAN AND DETAILS

Date 11-10-2021

Sheet S3.1

11/12/2021 9:30:02 AM