

LOCAL ISSUING AUTHORITY
 CITY OF ATLANTA OFFICE OF BUILDINGS
 55 TRINITY AVENUE, 3RD FLOOR SUITE 3900
 ATLANTA, GA 30303
 PHONE: 404-330-6150

UTILITY CONTACTS:

ELECTRIC POWER: TBD

PHONE SERVICE: TBD

WATER SERVICE: TBD

SEWER: TBD

**CONSTRUCTION PLANS FOR
 DAT FIRE JERK CHICKEN
 226 NORTHSIDE DRIVE
 ATLANTA, GEORGIA 30313**

GENERAL NOTES:

OWNER/ DEVELOPER: JAY JOHNSON
 226 NORTHSIDE DRIVE
 ATLANTA, GA 30313
 PHONE: 917-615-3122

ENGINEER: SOUTH ENGINEERING RESOURCES
 CONTACT: 3470 PRAIRIE DRIVE
 SNELLVILLE, GA 30039
 PHONE: 404-428-3445

SURVEYOR: DELTA SURVEYORS
 260 PEACHTREE STREET NW #2200
 ATLANTA, GA, 30303

SITE ADDRESS: 226 NORTHSIDE DRIVE
 ATLANTA, GA 30313

PARCEL NUMBER: 14 00840011135

1. PARCEL AREA: 0.19 ACRES (8,324 S.F.)

2. DISTRICT: 4TH

LAND LOT: 14

3. ALL CONTRACTORS UTILIZING THIS PLAN SET AND THE INFORMATION
 CONTAINED THEREON SHOULD CALL 1800-282-7411 3 DAYS BEFORE
 BEGINNING CONSTRUCTION.

PROPOSED BUILDINGS USE: COMMERCIAL RESTAURANT
 PROPOSED LOT AREA = 8,324 SF

PARCEL QUANTITIES

PERVIOUS CALCULATIONS:
 OPEN SPACE AREA: 0.06 ACRES (2,613 S.F.)
 0.06 AC./ 0.19 AC. = 32% OPEN SPACE
 TOTAL SITE PERVIOUS AREA: 0.10 ACRES (4,356 S.F.) = 53%

IMPERVIOUS CALCULATIONS:
 ROOF: 0.03 ACRES (1,320 S.F.)
 ASPHALT PAVEMENT: 0.08 ACRES (2,350.00 S.F.)
 CONCRETE PAVEMENT: 0.01 ACRES (466 S.F.)*
 TOTAL SITE IMPERVIOUS AREA: 0.09 ACRES (4,136 S.F.) = 47%

STATE WATERS DO NOT EXIST ON OR
 ARE WITHIN 200 FT OF THIS SITE.

F.I.R.M. NOTE
 AS SHOWN ON FLOOD INSURANCE RATE MAP
 OF FULTON COUNTY, GEORGIA COMMUNITY
 PANEL NUMBER: 13121C0357F
 EFFECTIVE DATE: SEPTEMBER 18, 2013
 THIS PROPERTY IS LOCATED IN ZONE X

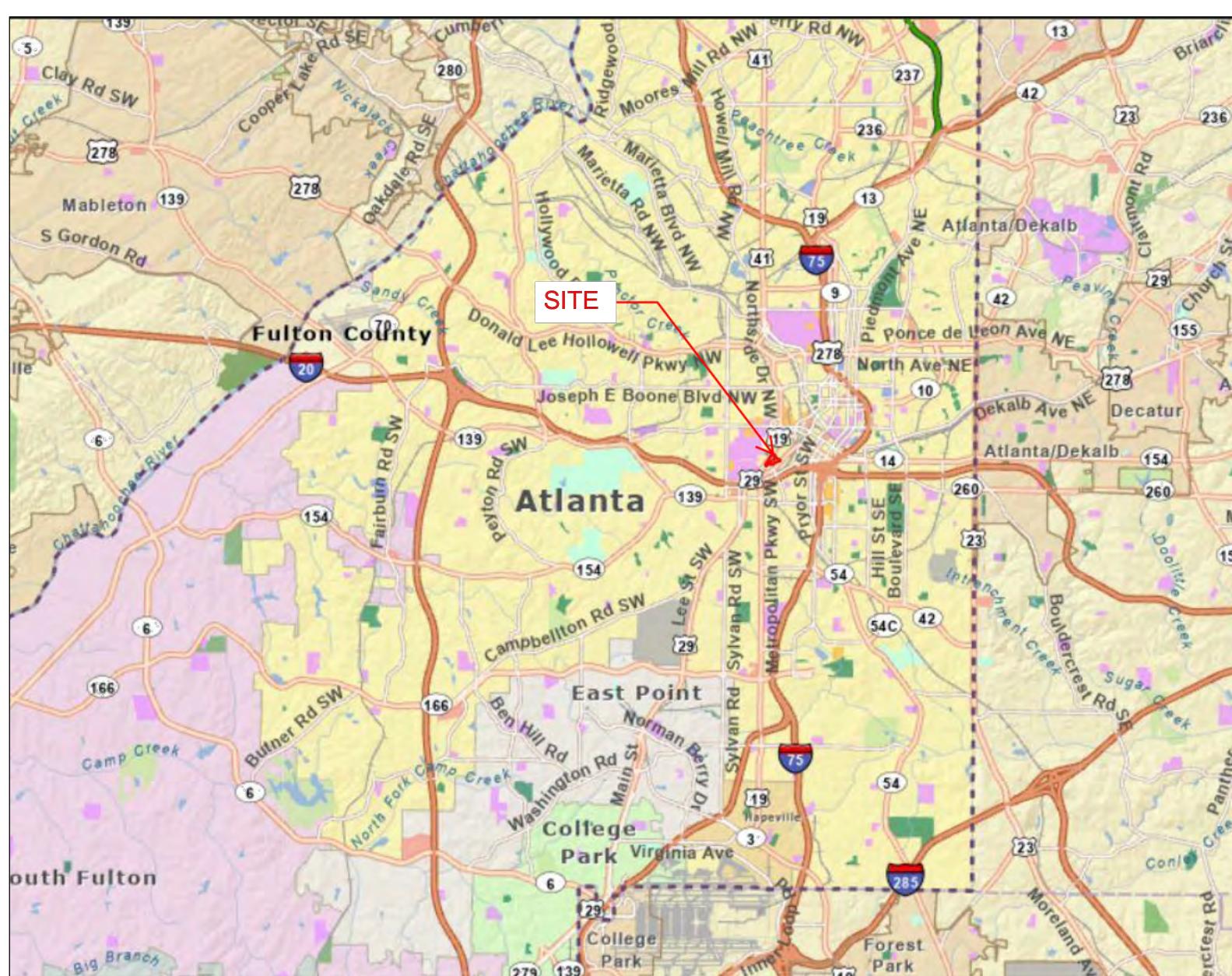
24 HOUR CONTACT
 JAY JOHNSON
 (917) 615-3122



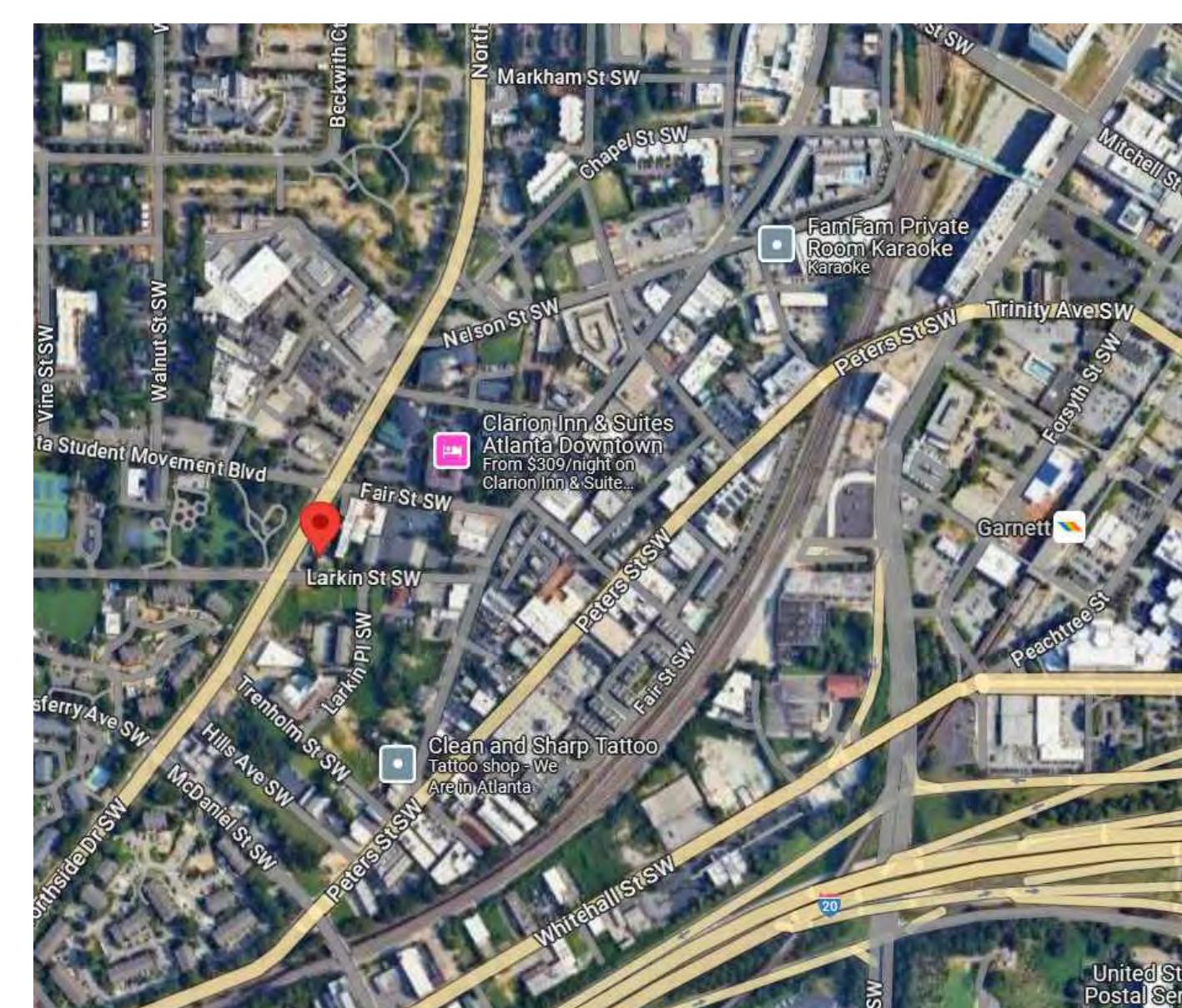
**DISTRICT: 4TH
 LAND LOT: 14
 ZONING : MRC-3 (MIXED RESIDENTIAL COMMERCIAL)
 PARCEL ID: 14 00840011135
 APRIL 4, 2025**

DRAWING INDEX

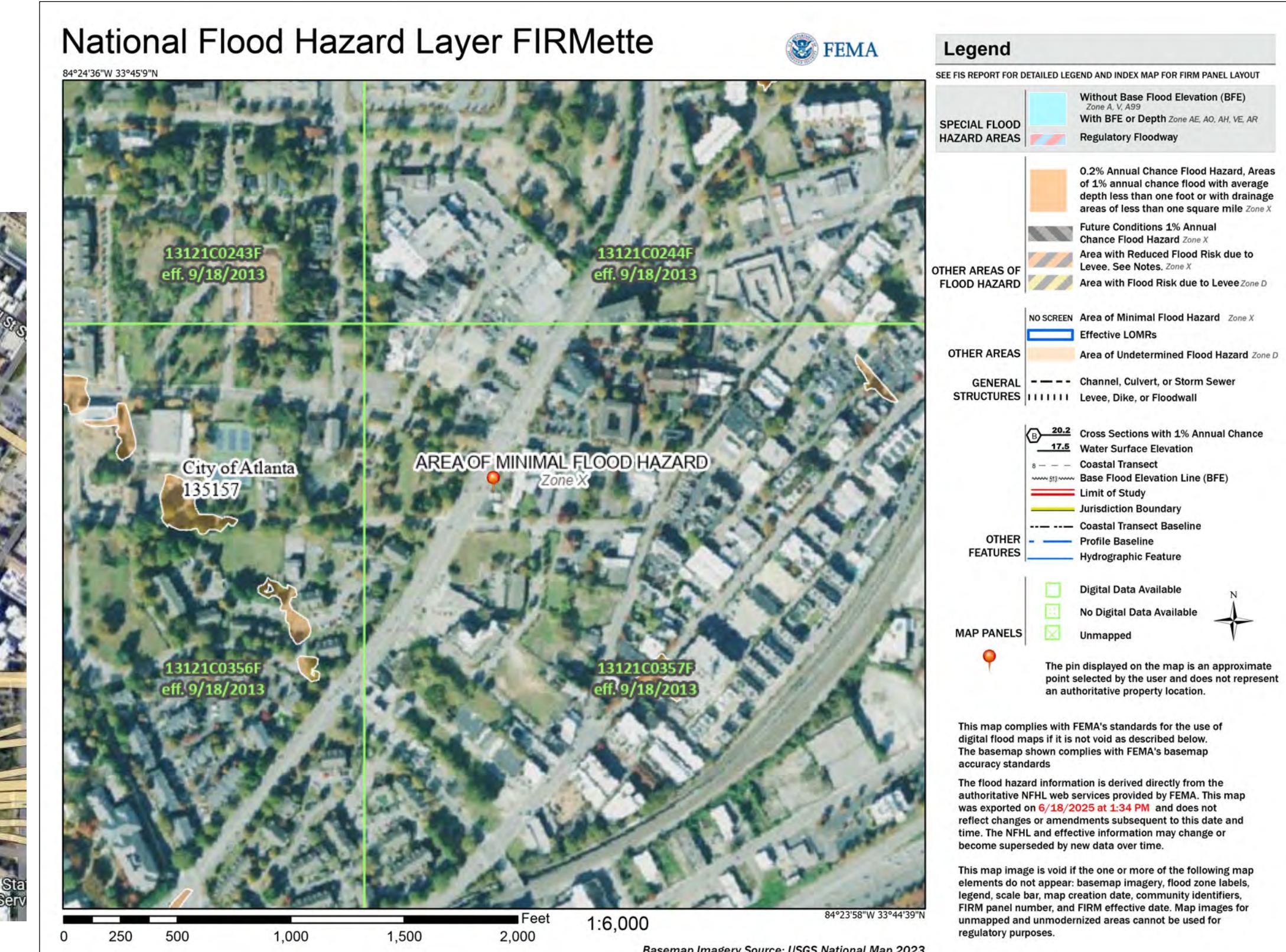
COVER SHEET	G1
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EROSION CONTROL DETAILS AND NOTES	C5
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VICINITY MAP



LOCATION MAP



DEMOLITION NOTES:

- PRIOR TO LAND DISTURBANCE ACTIVITIES, THE CONTRACTOR SHALL SCHEDULE A PRECONSTRUCTION MEETING THE CITY SITE DEVELOPMENT INSPECTOR. CALL 404-546-1300.
- ELEVATIONS SHOWN ARE HEREON ARE PER THE NAVD 1988 DATUM.
- ALL ELEVATIONS ARE TO BE VERIFIED PRIOR TO CONSTRUCTION ACTIVITIES.
- NO GRADED SLOPES SHALL EXCEED 2H:1V.
- ALL CONSTRUCTION AND MATERIALS ARE TO CONFORM TO THE LATEST CODES, STANDARDS, AND SPECIFICATIONS OF THE CITY OF ATLANTA AND FULTON COUNTY.
- UNDERGROUND UTILITIES ARE SHOWN AS PER SUE PERFORMED BY OTHERS.
- NO GRADING IS TO BE CONDUCTED IN THE RIGHT-OF-WAY.
- AT ALL POINTS ALONG THE EXISTING RIGHT-OF-WAY WHERE THE EXISTING CURB HEIGHT IS LESS THAN 5 (FIVE) INCHES HIGH, THE EXISTING CURB SHALL BE REMOVED AND REPLACED OR RESET TO MINIMUM CITY OF ATLANTA REQUIREMENTS AND ADJACENT SIDEWALK REPLACED.
- EXISTING SANITARY SEWER LINE TO REMAIN IN SERVICE. THE CONTRACTOR IS TO TAKE REASONABLE MEASURES TO MAINTAIN AND PROTECT EXISTING SANITARY SEWER DURING CONSTRUCTION.
- DEMOLITION TAKING PLACE INSIDE THE CRITICAL ROOT ZONE (C.R.Z.) IS TO BE DONE BY HAND.
- NO HEAVY MACHINERY IS ALLOWED WITHIN THE C.R.Z. AREAS.
- CONTRACTOR AND OWNER MUST ENSURE UTILITIES ARE DISCONNECTED PRIOR TO ANY DEMOLITION WORK TAKING PLACE.
- NO TREES ARE TO BE DESTROYED DURING DEMOLITION.
- NO CUT OR FILL OF EARTH WITHIN THE C.R.Z. OF EXISTING TREES IS ALLOWED.

DEMOLITION QUANTITY CALCULATIONS:
15,055 CUFT OF STRUCTURE REMOVED
397 CUFT OF PAVEMENT REMOVED
236 CUFT OF WALL REMOVED
15,688 CUFT OF DEMOLITION MATERIAL
581 CUYD OF DEMOLITION MATERIAL

EARTHWORK CALCULATIONS:
298 CUYD CUT
0 CUYD FILL
NET: 298 CUYD CUT



Know what's
below.
Call before you dig.

NORTHSIDE DRIVE SW ~ APPARENT 90' R/W

LARKIN STREET ~ APPARENT 50' R/W



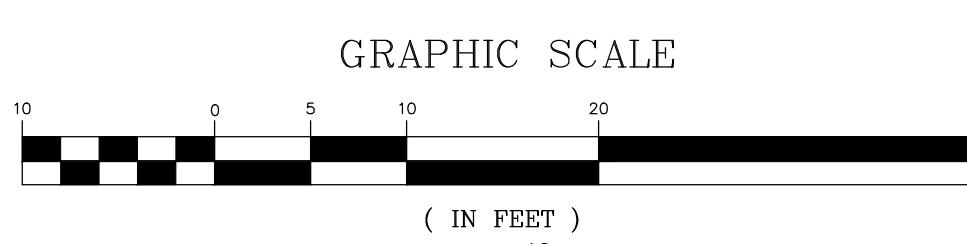
DEMOLITION PLAN

N/F
JONES, MELVINA ARMSTRONG &
MACK, THELMA A
14 00840011026
MRC-3-C

LEGEND

- W EXISTING WATER
- W EXISTING WATER METER
- EXISTING HYDRANT
- EXISTING WATER VALVE
- GAS EXISTING GAS
- OHP EXISTING OVERHEAD POWER
- EXISTING POWER POLE
- + + + + EXISTING FENCE
- + + + + + + EXISTING TELEPHONE
- 1046 EXISTING CONTOUR
- EXISTING SIDEWALK
- STRUCTURE DEMOLITION
- PAVEMENT DEMOLITION
- CONCRETE DRIVEWAY REMOVAL
- EXCAVATION
- ~~~~~ WALL DEMOLITION
- BOLLARD DEMOLITION

N/F
HERMAN J RUSSELL CENTER FOR
INNOVATION &
ENTREPRENEURSHIP INC
14 00840011109
MRC-3-C
DB:56980, PG:523



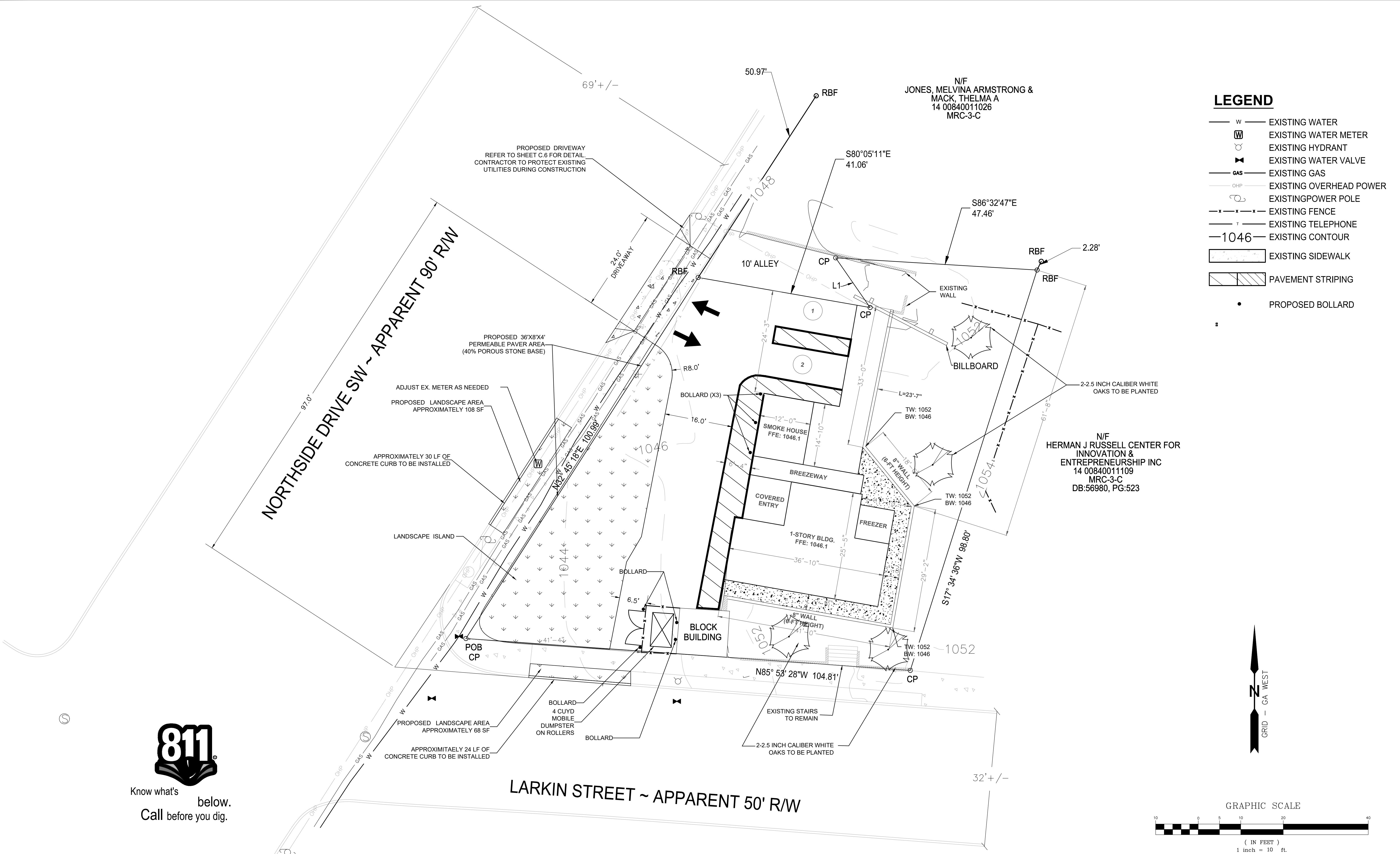
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REVIEWED BY:	DATE:			DATE:



**SOUTH ENGINEERING
RESOURCES, L.L.C.**
3470 PRAIRIE DRIVE
SNELLVILLE, GA 30039

SCALE: 1" = 10'
SHEET NO. C.2

DATE: 05/08/2025
226 NORTHSIDE DRIVE
ATLANTA, GA 30313



DRAWN BY: DATE:	APPROVED BY: TITLE:
 DATE:	 DATE:
REVIEWED BY: DATE:	 DATE:
 DATE:	 DATE:
 DATE:	 DATE:



SITE AND GRADING PLAN



**SOUTH ENGINEERING
RESOURCES, L.L.C.**

SCALE: 1" =10'

DATE: 05/08/2025

SHEET NO.

**226 NORTHSIDE DRIVE
ATLANTA, GA 30313**

LEGEND

W	EXISTING WATER
W	EXISTING WATER METER
○	EXISTING HYDRANT
■	EXISTING WATER VALVE
GAS	EXISTING GAS
OHP	EXISTING OVERHEAD POWER
POLE	EXISTING POWER POLE
—x—x—x—	EXISTING FENCE
—t—	EXISTING TELEPHONE
—1046—	EXISTING CONTOUR
[]	EXISTING SIDEWALK
[+]	EXCAVATION
[/]	INLET PROTECTION
[X]	CONSTRUCTION EXIT
—○—	SILT FENCE
— - -	LIMITS OF DISTURBANCE
DS1	(MULCHING)
DS2	TEMPORARY SEEDING
DS3	PERMANENT SEEDING
DS4	PERMANENT SODDING

PERVIOUS CALCULATIONS:
3368 SF PRE-CONDITIONS PERVERIOUS
2490 SF POST-CONDITIONS
NET: 878 SF IMPERVIOUS ADDED

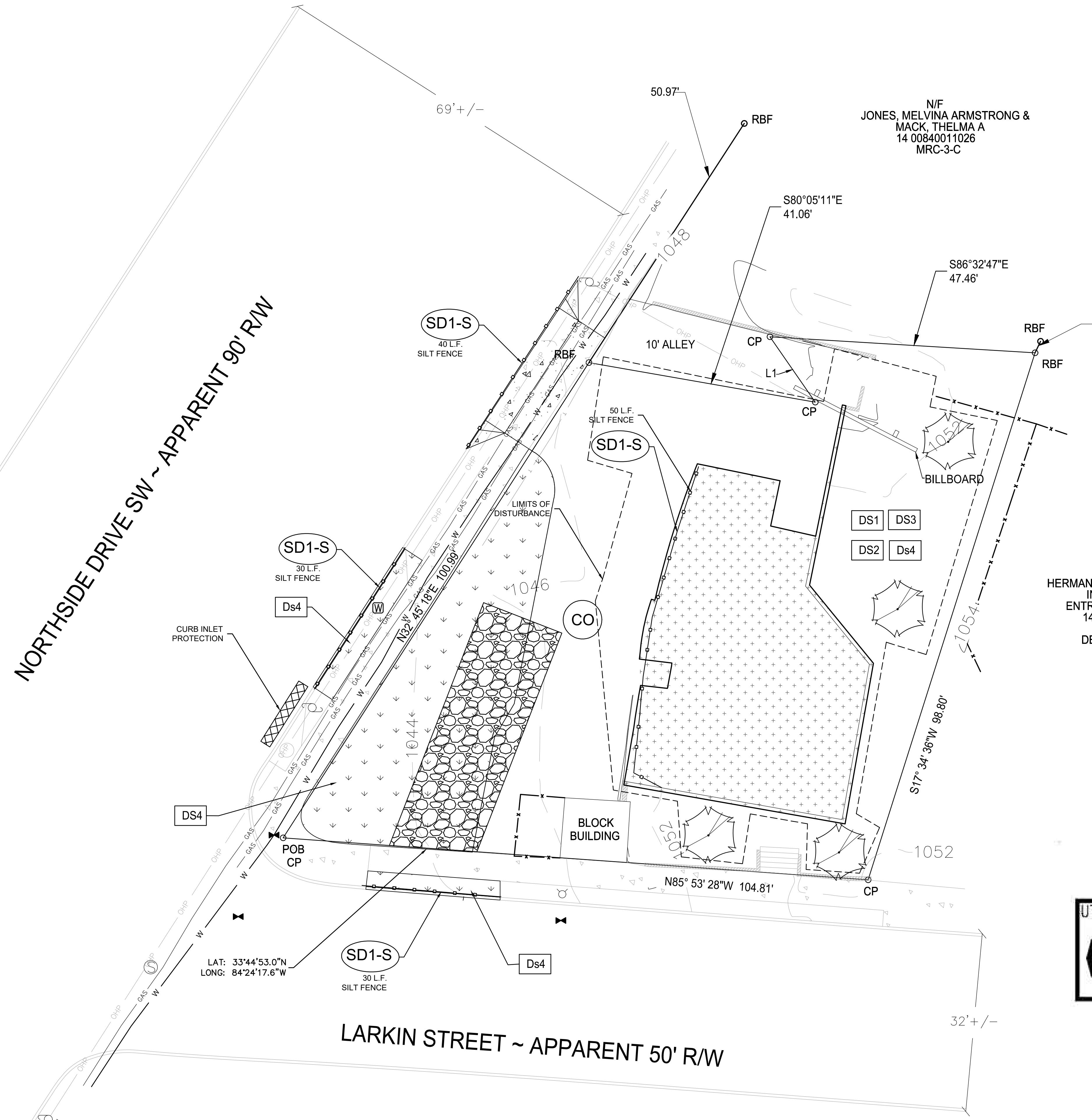
EARTHWORK CALCULATIONS:
298 CUYD CUT
0 CUYD FILL
NET: 298 CUYD CUT

SITE AREA:
8324 SF
0.191 ACRES

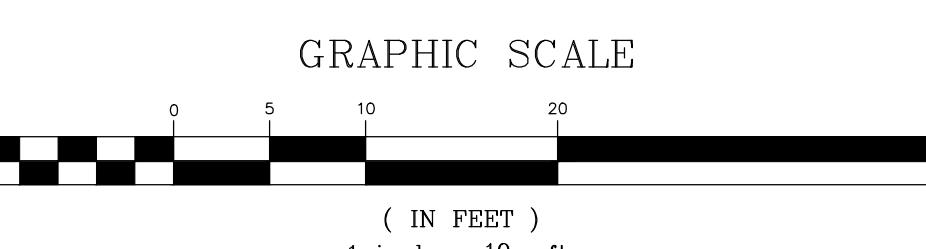
DISTURBED AREA:
4684 SF
0.11 ACRES

NORTHSIDE DRIVE SW ~ APPARENT 90' R/W

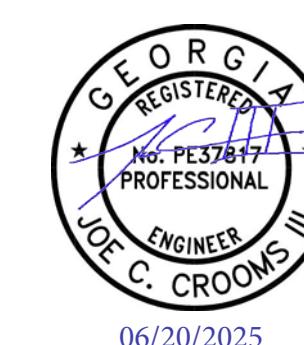
	Georgia Soil and Water Conservation Commission
Joe C. Crooms	
Level II Certified Design Professional	
CERTIFICATION NUMBER <u>0000071173</u>	
ISSUED: <u>04/22/2023</u> EXPIRES: <u>04/22/2026</u>	



GRID - GA WEST



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REVIEWED BY:	DATE:		DATE:	



EROSION CONTROL PLAN



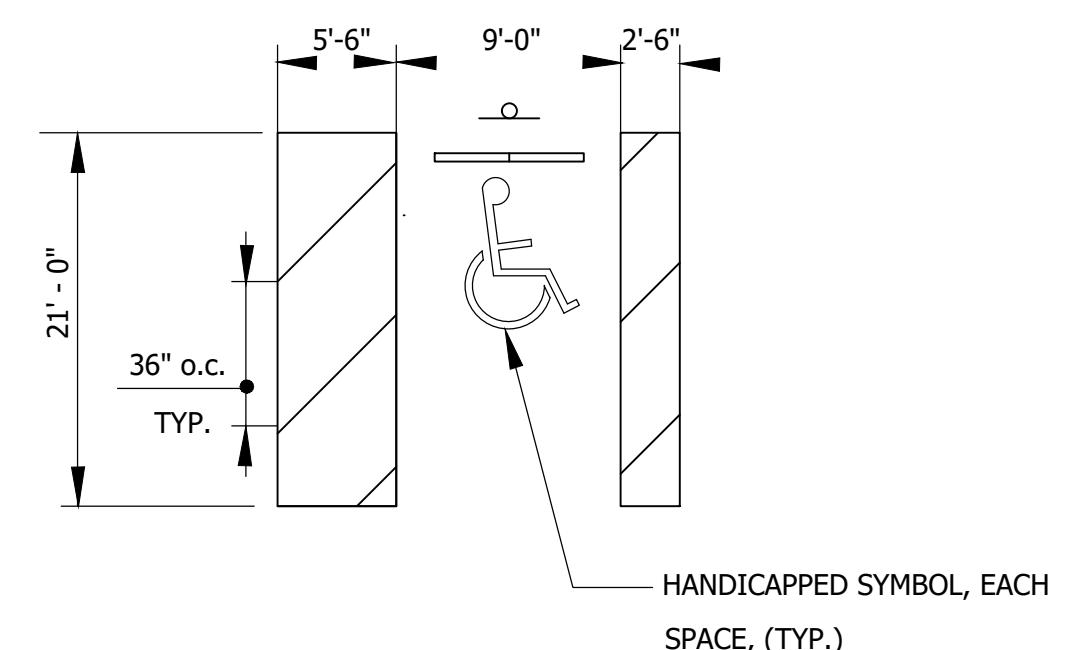
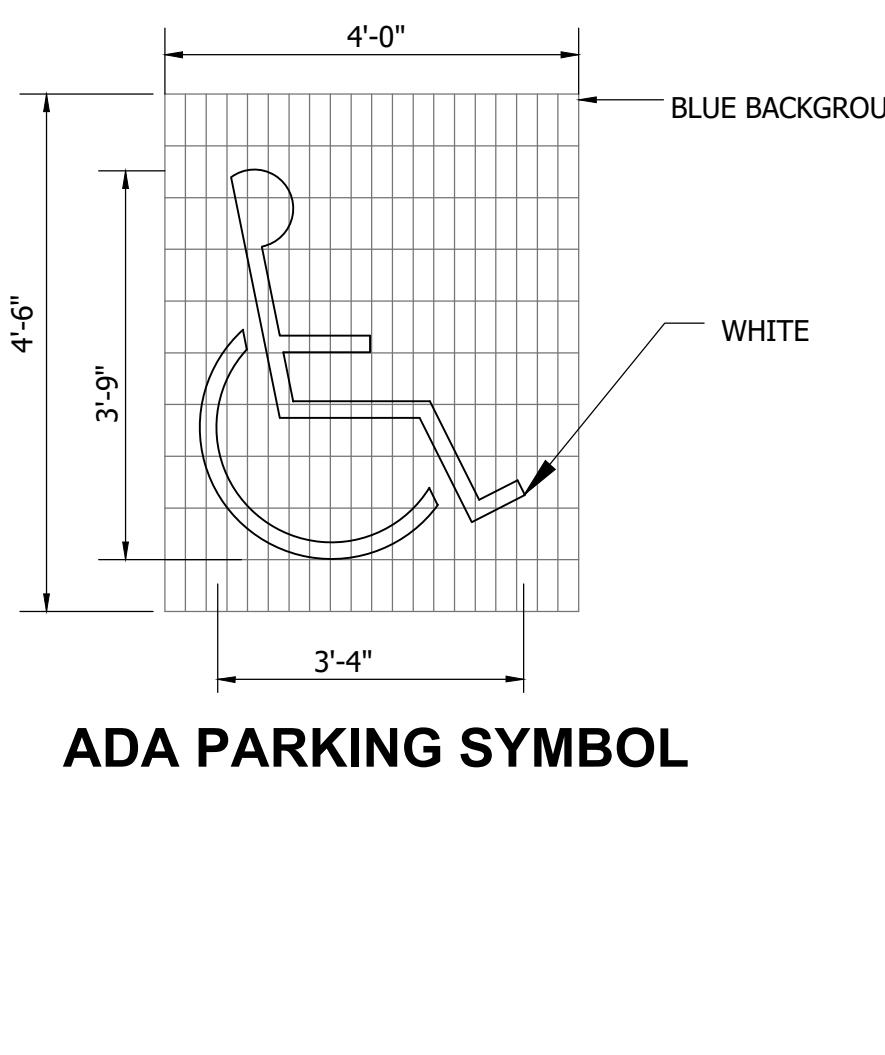
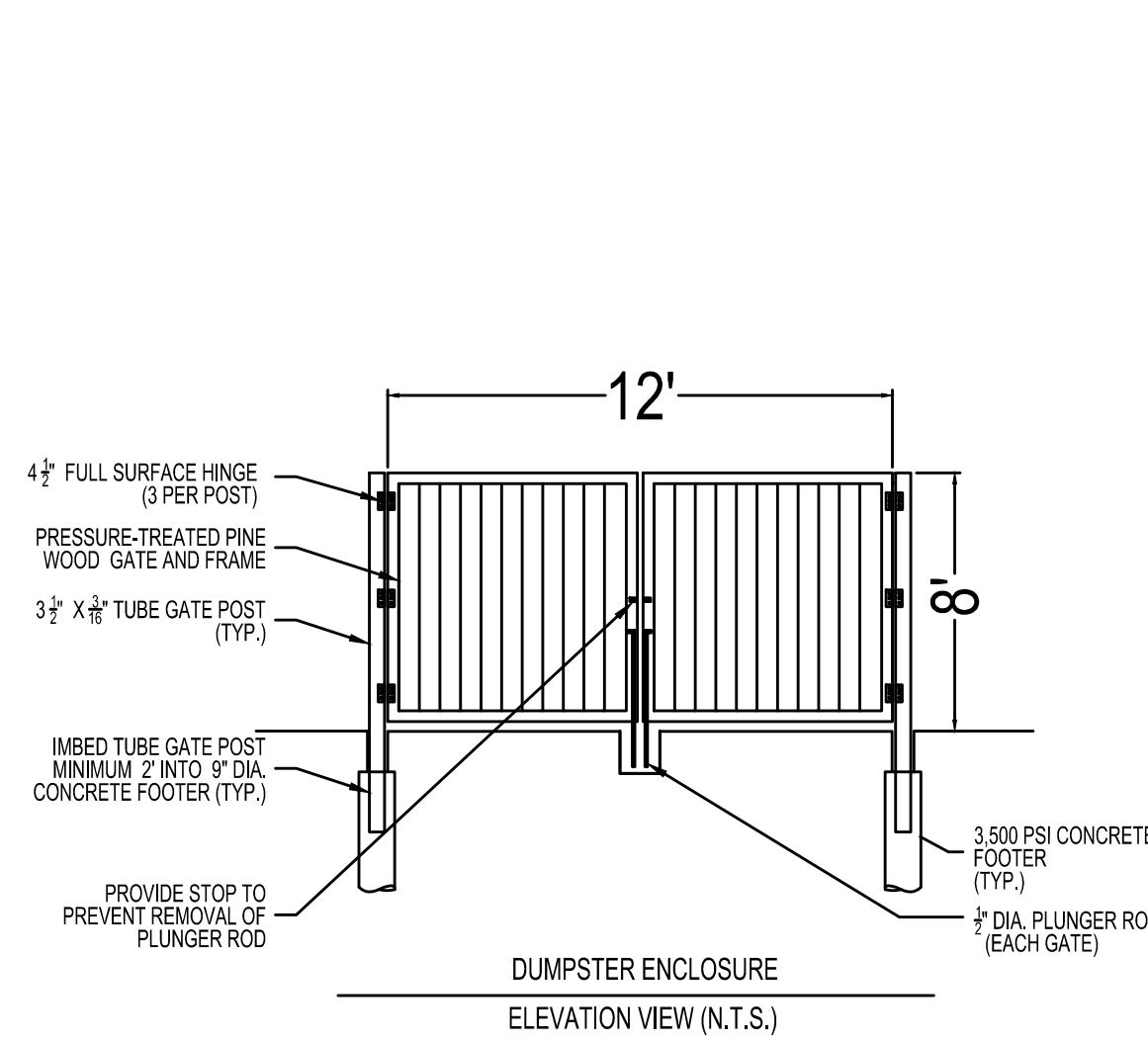
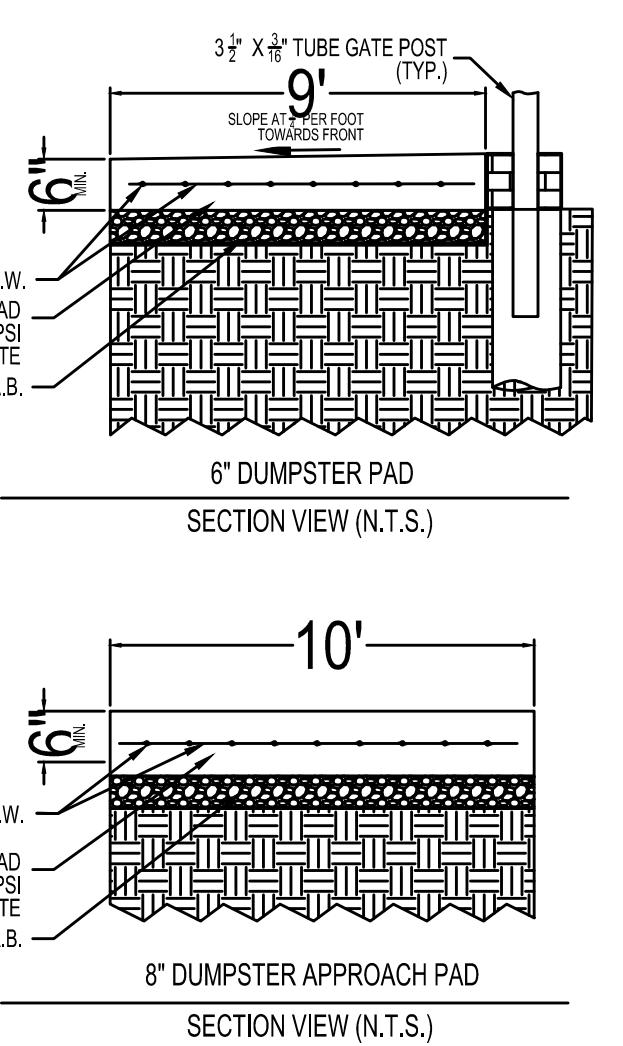
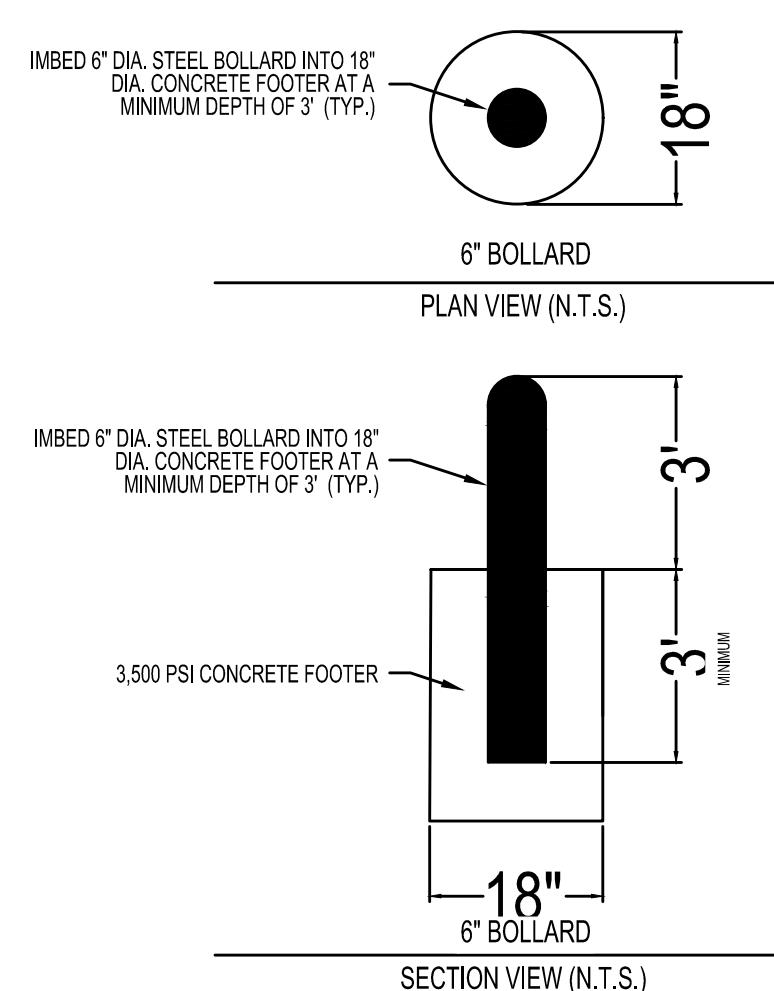
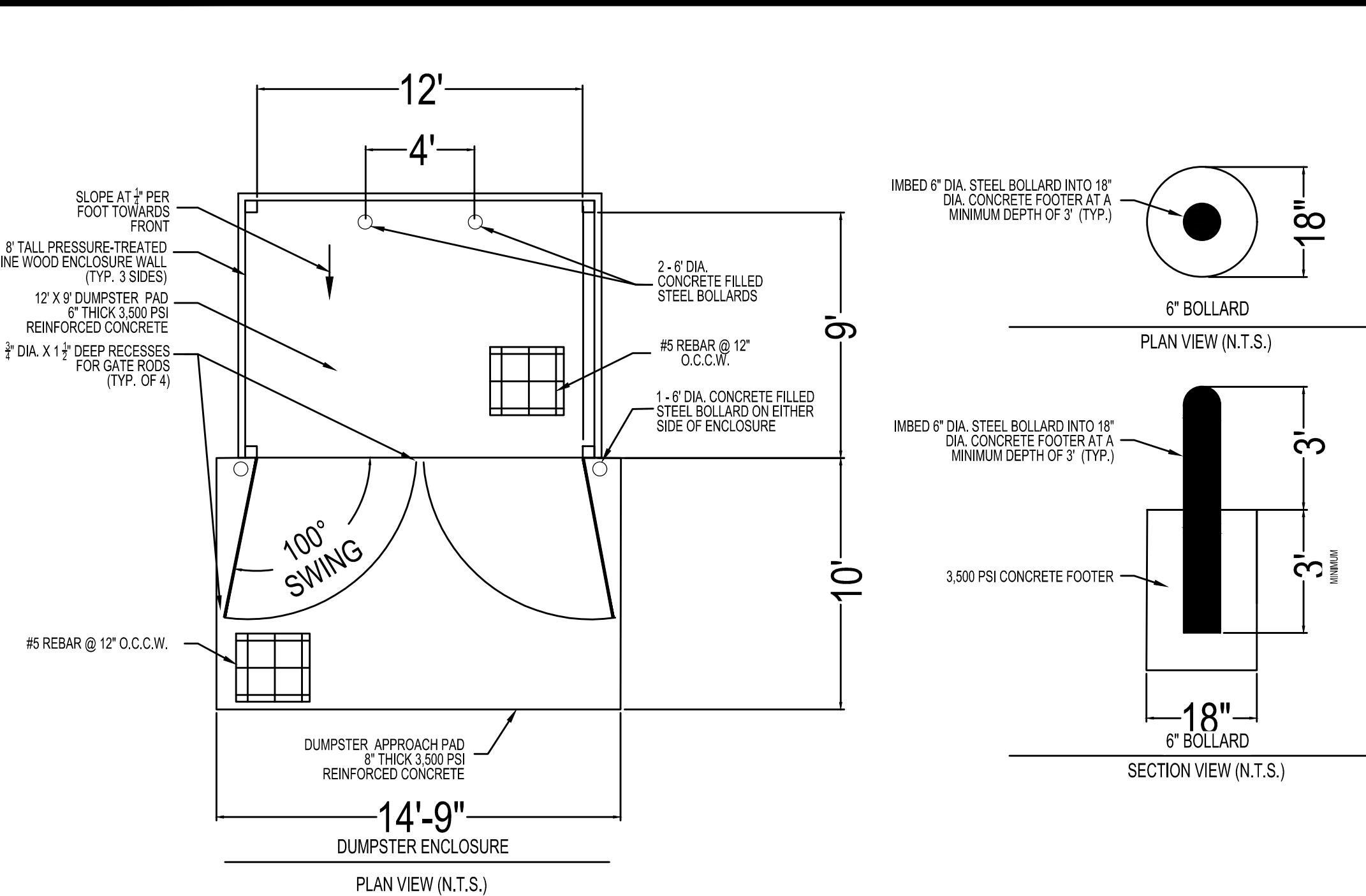
SOUTH ENGINEERING
RESOURCES, L.L.C.
3470 PRAIRIE DRIVE
SNELLVILLE, GA 30039

SCALE: 1" = 10'

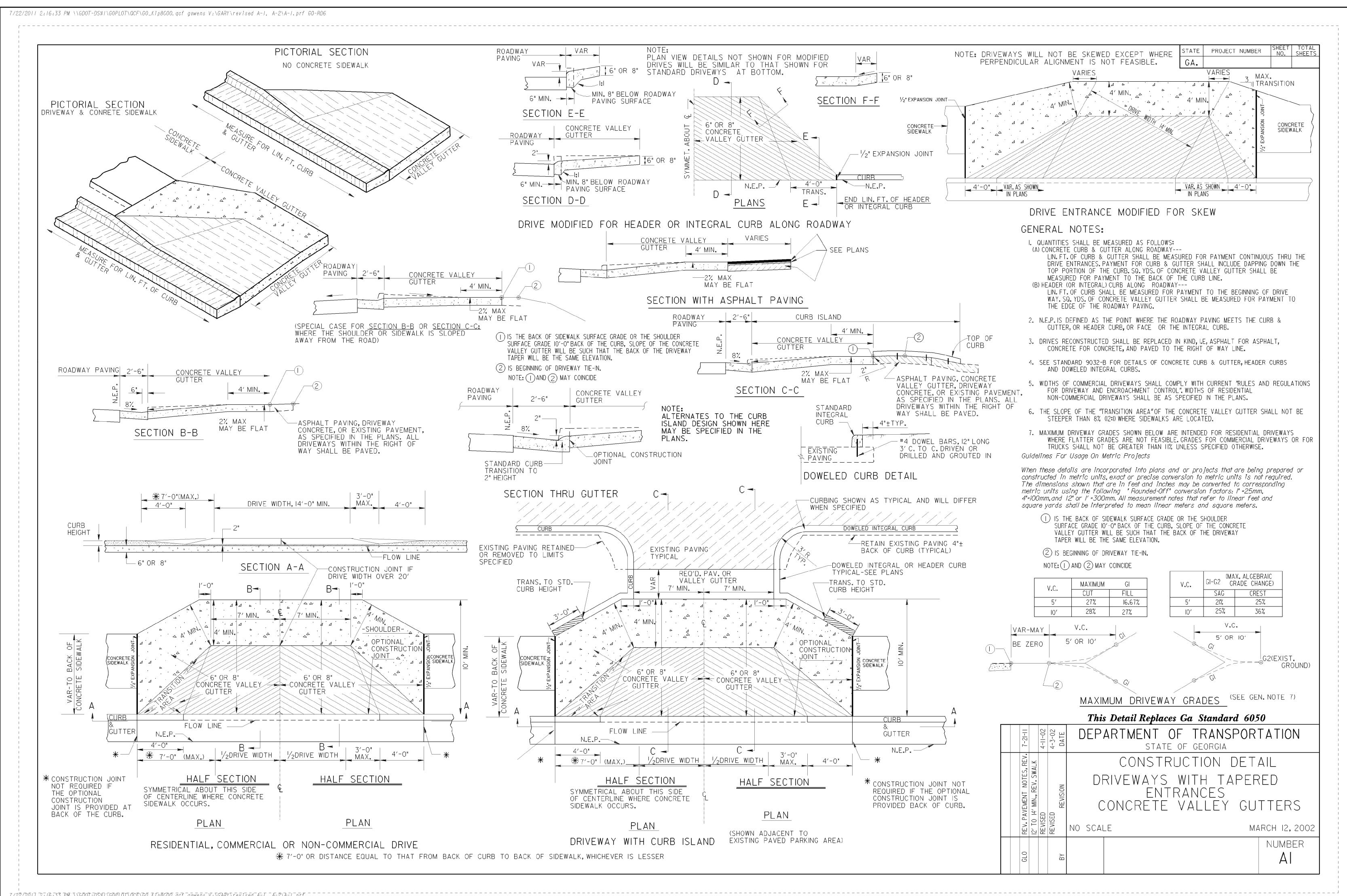
DATE: 05/08/2025

SHEET NO.
C.4

226 NORTHSIDE DRIVE
ATLANTA, GA 30313



ADA PARKING SPACE



DRAWN BY:	DATE:	APPROVED BY:	TITLE:	DATE:
REVIEWED BY:	DATE:			DATE:



CIVIL DETAILS



SOUTH ENGINEERING
RESOURCES, L.L.C.
3470 PRAIRIE DRIVE
SNELLVILLE, GA 30039

SCALE: N.T.S.
SHEET NO. C.6

DATE: 05/08/2025
226 NORTHSIDE DRIVE
ATLANTA, GA 30313

Georgia Stormwater Management Manual

Stormwater Quality Site Development Review Tool

Version 2.2

General Information

Name of Developer:	Dat Fire Jerk Chicken	Date Submitted:	4/4/2025
Development Name:	226 Northside Drive	Permit Number:	
Site Location / Address:	Atlanta, GA 30313	Developer Contact:	Jay Johnson
Development Type:	Commercial/Retail	Phone Number:	917-615-3122
		Name of Engineer(s):	South Engineering Resources
		Maintenance Responsibility:	

Site Summary

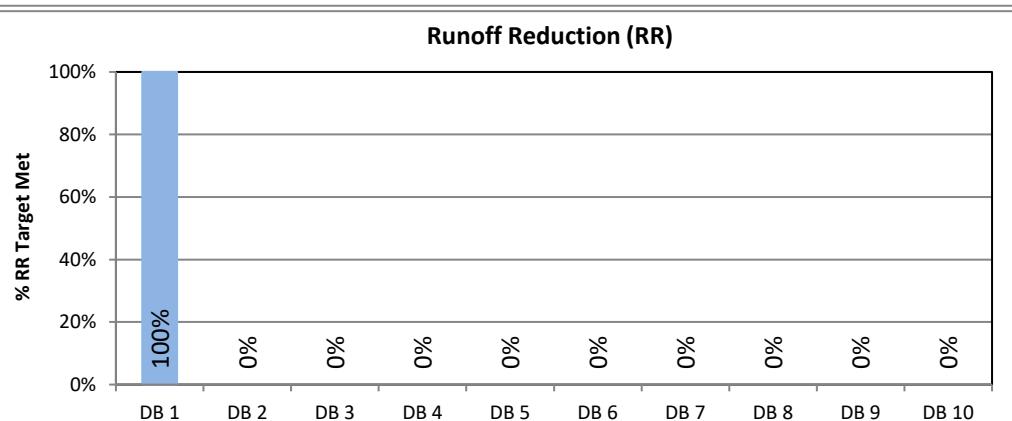
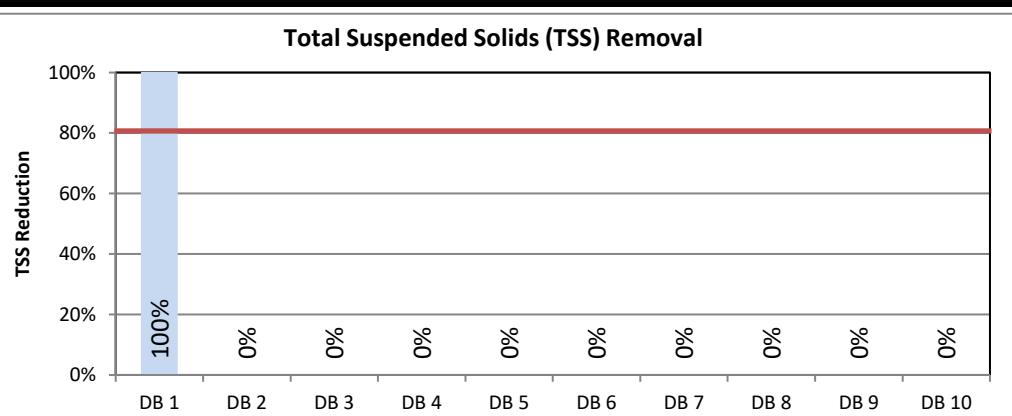
Total Pre-Development Area (ac): 0.19
Total Post-Development Area (ac): 0.19
Total Treated Area (ac): 0.19
Total Untreated Area (ac): 0.00

		I (ac)	P (ac)	CA (ac)
Basin 1	DB 1	0.13	0.06	0.00
Drainage Basin 2	DB 2	0.00	0.00	0.00
Drainage Basin 3	DB 3	0.00	0.00	0.00
Drainage Basin 4	DB 4	0.00	0.00	0.00
Drainage Basin 5	DB 5	0.00	0.00	0.00
Drainage Basin 6	DB 6	0.00	0.00	0.00
Drainage Basin 7	DB 7	0.00	0.00	0.00
Drainage Basin 8	DB 8	0.00	0.00	0.00
Drainage Basin 9	DB 9	0.00	0.00	0.00
Drainage Basin 10	DB 10	0.00	0.00	0.00
TOTAL		0.13	0.06	0.00

I = Impervious Area, P = Pervious Area, CA = Conservation Area

Target Runoff Reduction Volume Achieved? Yes
Target TSS Removal Achieved? Yes

Total Target Runoff Reduction Volume (cf) 459
 Runoff Reduction Volume Achieved (cf) 459
 Total Target Water Quality Volume (cf) 551
 % TSS Removal Achieved 100%



Official Use Only

Tracking #:
Reviewed By:
Date Approved:

Conditions of Approval:

Georgia Stormwater Management Manual
Stormwater Quality Site Development Review Tool, v2.2
Runoff Reduction and TSS Removal Efficiencies

	data input cells	constant values					
	Runoff Reduction %	Effective TSS Removal %	Runoff Reduction Method	Drainage Area Restrictions	Units	Min/Max	
Bioretention Basin (w/ underdrain)	50%	85%	Storage	5	acres	Max	
Bioretention Basin (w/ upturned underdrain)	75%	85%	Storage	5	acres	Max	
Bioretention Basin (w/o underdrain)	100%	100%	Storage	5	acres	Max	
Bioslope (A & B hydrologic soils)	50%	85%	Storage	--	--	--	
Bioslope (C & D hydrologic soils)	25%	85%	Storage	--	--	--	
Downspout Disconnect (A & B hydrologic soils)	50%	80%	Convey	2500	ft ²	Max	
Downspout Disconnect (C & D hydrologic soils)	25%	80%	Convey	2500	ft ²	Max	
Dry Detention Basin	0%	60%	Storage	75	acres	Max	
Dry Extended Detention Basin	0%	60%	Storage	--	--	--	
Dry Well	100%	100%	Storage	2500	ft ²	Max	
Enhanced Dry Swale (w/ underdrain)	50%	80%	Storage	5	acres	Max	
Enhanced Dry Swale (w/o underdrain)	100%	100%	Storage	5	acres	Max	
Enhanced Wet Swale	0%	80%	Storage	5	acres	Max	
Grass Channel (A & B hydrologic soils)	25%	50%	Convey	5	acres	Max	
Grass Channel (C & D hydrologic soils)	10%	50%	Convey	5	acres	Max	
Gravity (oil-grit) Separator	0%	40%	Convey	5	acres	Max	
Green Roof	60%	80%	Storage	--	--	--	
Infiltration Trench	100%	100%	Storage	5	acres	Max	
Multi-Purpose Detention Basin	0%		Storage	--	--	--	
Organic Filter	0%	80%	Storage	10	acres	Max	
Permeable Paver System (w/ underdrain)	50%	80%	Storage	--	--	--	
Permeable Paver System (w/ upturned underdrain)	75%	80%	Storage	--	--	--	
Permeable Paver System (w/o underdrain)	100%	100%	Storage				
Pervious Concrete (w/ underdrain)	50%	80%	Storage	--	--	--	
Pervious Concrete (w/ upturned underdrain)	75%	80%	Storage				
Pervious Concrete (w/o underdrain)	100%	100%	Storage	--	--	--	
Porous Asphalt (w/ underdrain)	50%	50%	Storage	--	--	--	
Porous Asphalt (w/ upturned underdrain)	75%	50%	Storage				
Porous Asphalt (w/o underdrain)	100%	100%	Storage	--	--	--	
Porous Asphalt (OGFC, PEM)	0%	50%	Convey	--	--	--	
Proprietary System							
Rainwater Harvesting			Storage				
Regenerative Stormwater Conveyance	0%	80%	Storage	50	acres	Max	
Sand Filter	0%	80%	Storage	10	acres	Max	
Site Reforestation/Revegetation	0%	0%	Convey	--	--	--	
Soil Restoration (can be used to remediate C & D soils)	0%	0%	Convey	--	--	--	
Stormwater Planter / Tree Box	50%	80%	Storage	2500	ft ²	Max	
Stormwater Pond	0%	80%	Storage	10-25	acres	Min	
Stormwater Wetlands – Level 1	0%	80%	Convey	5	acres	Min	
Stormwater Wetlands – Level 2	0%	85%	Convey	5	acres	Min	
Submerged Gravel Wetlands	0%	80%	Convey	5	acres	Min	
Underground Detention	0%	0%	Convey	--	--	--	
Vegetated Filter Strip (A & B hydrologic soils)	50%	60%	Convey	--	--	--	
Vegetated Filter Strip (C & D hydrologic soils)	25%	60%	Convey	--	--	--	
[User Input 1]							
[User Input 2]							
[User Input 3]							

Georgia Stormwater Management Manual

Stormwater Quality Site Development Review Tool, v2.2

Development Name: **Dat Fire Jerk Chicken**

Drainage Basin Name: **Basin 1**

data input cells

calculation cells

constant values

Site Data

Indicate Pre-Development Land Cover and Runoff Curve Numbers in the Site's Disturbed Area

Cover Type	HSG* A (acres)	CN	HSG B (acres)	CN	HSG C (acres)	CN	HSG D (acres)	CN	Total	% Cover
Open space - Fair condition (grass cover 50% to 75%)	49	0.08	69		79		84	0.08	42%	
Impervious	98	0.11	98		98		98	0.11	58%	
Select a land cover type...	0		0		0		0	0.00	0%	
Select a land cover type...	0		0		0		0	0.00	0%	
Select a land cover type...	0		0		0		0	0.00	0%	
Local Jurisdiction Input								0.00	0%	
Other								0.00	0%	
Total	0.00		0.19		0.00		0.00		0.19	100%

*HSG = hydrologic soil group

Impervious (ac)	0.11
Weighted CN	86
Potential Max Soil Retention, S_{pre} (in)	1.65

Indicate Post-Development Land Cover and Runoff Curve Numbers in the Site's Disturbed Area

Cover Type	HSG A (acres)	CN	HSG B (acres)	CN	HSG C (acres)	CN	HSG D (acres)	CN	Total	% Cover
Impervious	98	0.13	98		98		98	0.13	68%	
Open space - Fair condition (grass cover 50% to 75%)	49	0.06	69		79		84	0.06	32%	
Select a land cover type...	0		0		0		0	0.00	0%	
Select a land cover type...	0		0		0		0	0.00	0%	
Select a land cover type...	0		0		0		0	0.00	0%	
Local Jurisdiction Input								0.00	0%	
Other								0.00	0%	
Total	0.00		0.19		0.00		0.00		0.19	100%

Impervious (ac)	0.13
Rv	0.67
Weighted CN	89
Potential Max Soil Retention, S_{post} (in)	1.26

Conservation Area Credits

Scenario 1: Natural Conservation Area *See the GSMM Volume 2, Section 2.3.3.3 for more information.

Check the box if a portion of the post-developed area is protected by a conservation easement or equivalent form of protection.

Area (ac) of development protected by a conservation easement or equivalent form of protection.

Note: The green cell will unlock if the Scenario 1 box above is checked

Scenario 3: Soil Restoration *See the GSMM Volume 2, Section 4.23 for more information.

Check the box if a portion of the post-developed area employs soil restoration and is protected by a conservation easement or equivalent form of protection.

Area (ac) of development with restored soils and protected by a conservation easement or equivalent form of protection.

Note: The green cell will unlock if the Scenario 3 box above is checked

Scenario 2: Site Reforestation/Revegetation *See the GSMM Volume 2, Section 4.22 for more information.

Check the box if a portion of the post-developed area employs site reforestation/revegetation and is protected by a conservation easement or equivalent form of protection.

Area (ac) of development reforested/revegetated and protected by a conservation easement or equivalent form of protection.

Note: The green cell will unlock if the Scenario 2 box above is checked

Scenario 4: Site Reforestation/Revegetation & Soil Restoration

*See the GSMM Volume 2, Section 4.22 and 4.23 for more information.

Check the box if the same portion of the post-developed area employs site reforestation/revegetation and soil restoration, and is protected by a conservation easement or equivalent form of protection.

Area (ac) with restored soils in a reforested & revegetated area and protected by a conservation easement or equivalent form of protection.

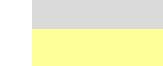
Note: The green cell will unlock if the Scenario 4 box above is checked

Total Conservation Area Credit (acres) **0.00**

Georgia Stormwater Management Manual

Stormwater Quality Site Development Review Tool, v2.2

Development Name: **Dat Fire Jerk Chicken**
 Drainage Basin Name: **Basin 1**

 data input cells
 calculation cells
 constant values

Water Quality Goals

Target Runoff Reduction Storm (in) **1.00**

Total Site Area for Water Quality Volume (acres) **0.19**
 Target Runoff Reduction Volume (cf) **459**
 Target Water Quality Volume (cf) **551**

Select BMPs for Runoff Reduction and Water Quality

	Area Draining to Each BMP			Storage Volume Provided by BMP (cf)	RR Conveyance Volume Provided by BMP (cf)	Down-stream BMP	Runoff Reduction Calculations					WQ Calculations		
	On-site Pervious Area (acres)	On-site Impervious Area (acres)	Offsite Area (acres)				RR Volume from Direct Drainage (cf)	RR Volume from Upstream Practices (cf)	Total RR Volume Received by BMP (cf)	Runoff Reduction %	RR Achieved (cf)	Remaining RR Volume (cf)	WQ _v from Direct Drainage (cf)	Effective TSS Removal %
BMP 1	Permeable Paver System (w/o underdrain)	0.06	0.13	460			459	0	459	100%	459	0	551	100%
BMP 2	Select a BMP...						0	0	0	N/A	0	0	0	N/A
BMP 3	Select a BMP...						0	0	0	N/A	0	0	0	N/A
BMP 4	Select a BMP...						0	0	0	N/A	0	0	0	N/A
BMP 5	Select a BMP...						0	0	0	N/A	0	0	0	N/A
BMP 6	Select a BMP...						0	0	0	N/A	0	0	0	N/A
BMP 7	Select a BMP...						0	0	0	N/A	0	0	0	N/A
BMP 8	Select a BMP...						0	0	0	N/A	0	0	0	N/A
BMP 9	Select a BMP...						0	0	0	N/A	0	0	0	N/A
BMP 10	Select a BMP...						0	0	0	N/A	0	0	0	N/A
	TOTAL	0.06	0.13	0.00			459				459		551	
	UNTREATED AREA (acres)	0.00	0.00											

Target Runoff Reduction Volume (cf)	459
Target Achieved?	Yes!
Remaining Runoff Reduction Volume (cf)	0
Target Water Quality Volume (cf)	551
% TSS Removal Achieved	100%
Target Achieved?	Yes!
Remaining TSS Removal %	0%

Channel and Flood Protection Calculations

Georgia Stormwater Management Manual

Stormwater Quality Site Development Review Tool, v2.2

Development Name: **Dat Fire Jerk Chicken**
Drainage Basin Name: **Basin 1**

 data input cells
 calculation cells
 constant values

Target Rainfall Event (in)	1-yr, 24-hr storm	2-yr, 24-hr storm	25-yr, 24-hr storm	100-yr, 24-hr storm

	1-yr, 24-hr storm	2-yr, 24-hr storm	25-yr, 24-hr storm	100-yr, 24-hr storm
Pre-Development Runoff Volume (in)	0.00	0.00	0.00	0.00
Post Development Runoff Volume (in) with no BMPs	0.00	0.00	0.00	0.00
Post-Development Runoff Volume (in) with BMPs	0.00	0.00	0.00	0.00
Adjusted CN	0	0	0	0

*See Stormwater Management Standards to Determine Detention Requirements.

Comments

GENERAL NOTES

1. SCALE

REFER TO DRAWING FOR SCALE

2. CODES

ANY CHANGES SHALL COMPLY WITH NATIONAL, STATE, AND LOCAL BUILDING CODES

3. GEORGIA ACCESSIBILITY CODE

WE CERTIFY THAT WE HAVE PREPARED THESE PLANS IN CONFORMITY WITH GEORGIA ACCESSIBILITY CODE - 120-3-20 FOR MAKING BUILDING AND FACILITIES ACCESSIBLE TO AND USABLE BY PHYSICALLY HANDICAPPED PEOPLE TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF FOR THE SCOPE OF THE WORK HEREIN PERMITTED

4. JOB SITE

PRIOR TO SUBMITTING BID, CONTRACTOR SHALL VISIT JOB SITE AND NOTIFY DESIGNER OF ANY PHYSICAL CONDITIONS NOT INCLUDED IN CONSTRUCTION DOCUMENTS WHICH REQUIRE CORRECTIVE ACTION.

5. FIRE EXTINGUISHERS

TENANT SHALL INSTALL (1) FIRE EXTINGUISHER FOR EVERY 75 FEET OF TRAVEL DISTANCE, AS INDICATED ON DRAWING, AND AS FURTHER REQUIRED BY GOVERNING CODES.

6. SITE DISCREPANCIES

CONTRACTOR TO SITE VERIFY ALL DIMENSIONS AND PRE-EXISTING CONDITIONS; CONTACT DESIGNER AND BUILDING REPRESENTATIVE IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL BEGINNING FABRICATION AND STARTING CONSTRUCTION.

7. SPRINKLERS-FIRE ALARM

NON-SPRINKLED/UN-PROTECTED

8. SEWER

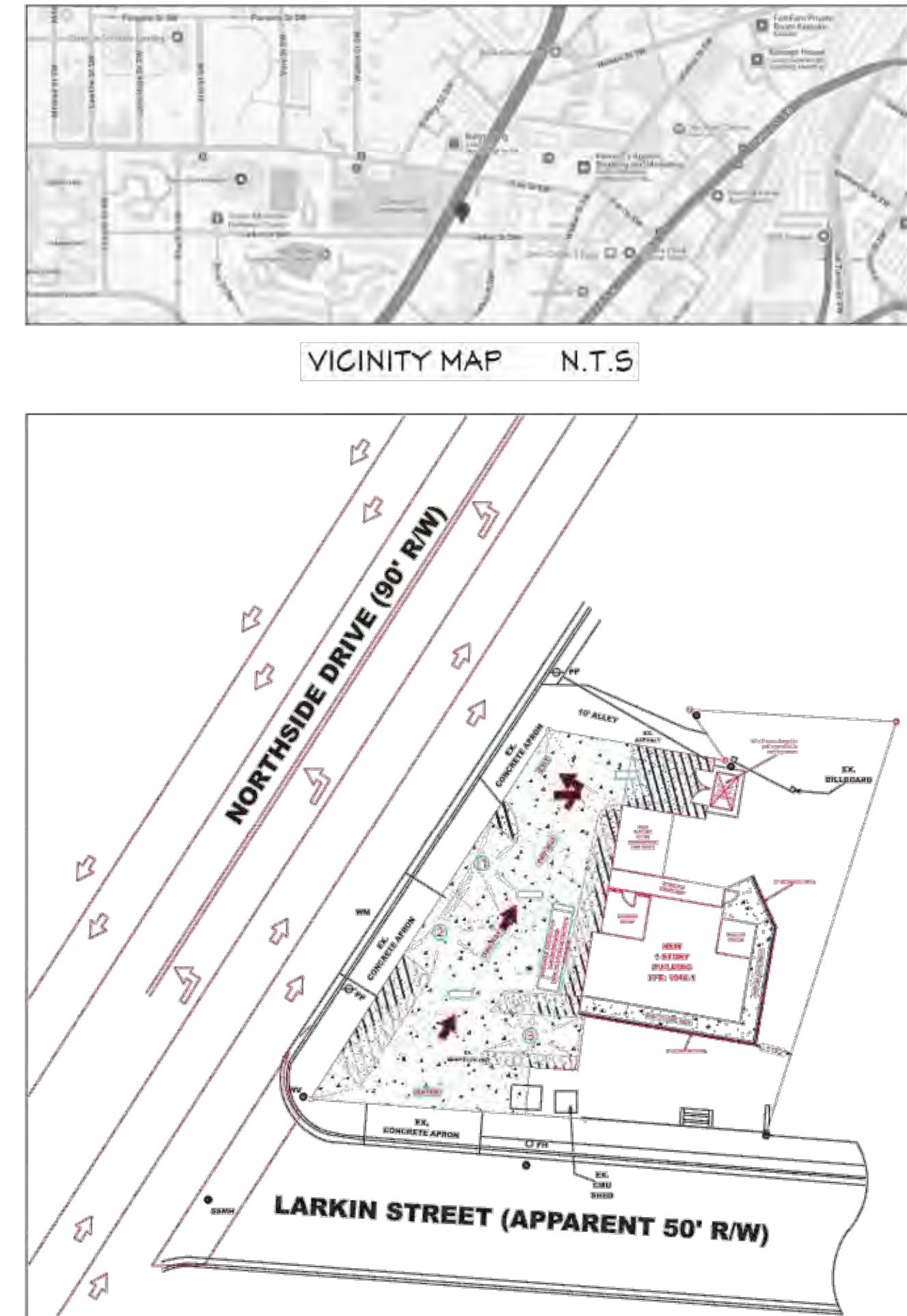
RECONNECTING TO EXISTING SEWER LINE. USING EXISTING SEWER LATERAL CONNECTION LOCATED IN R/W

9. GREASE TRAP

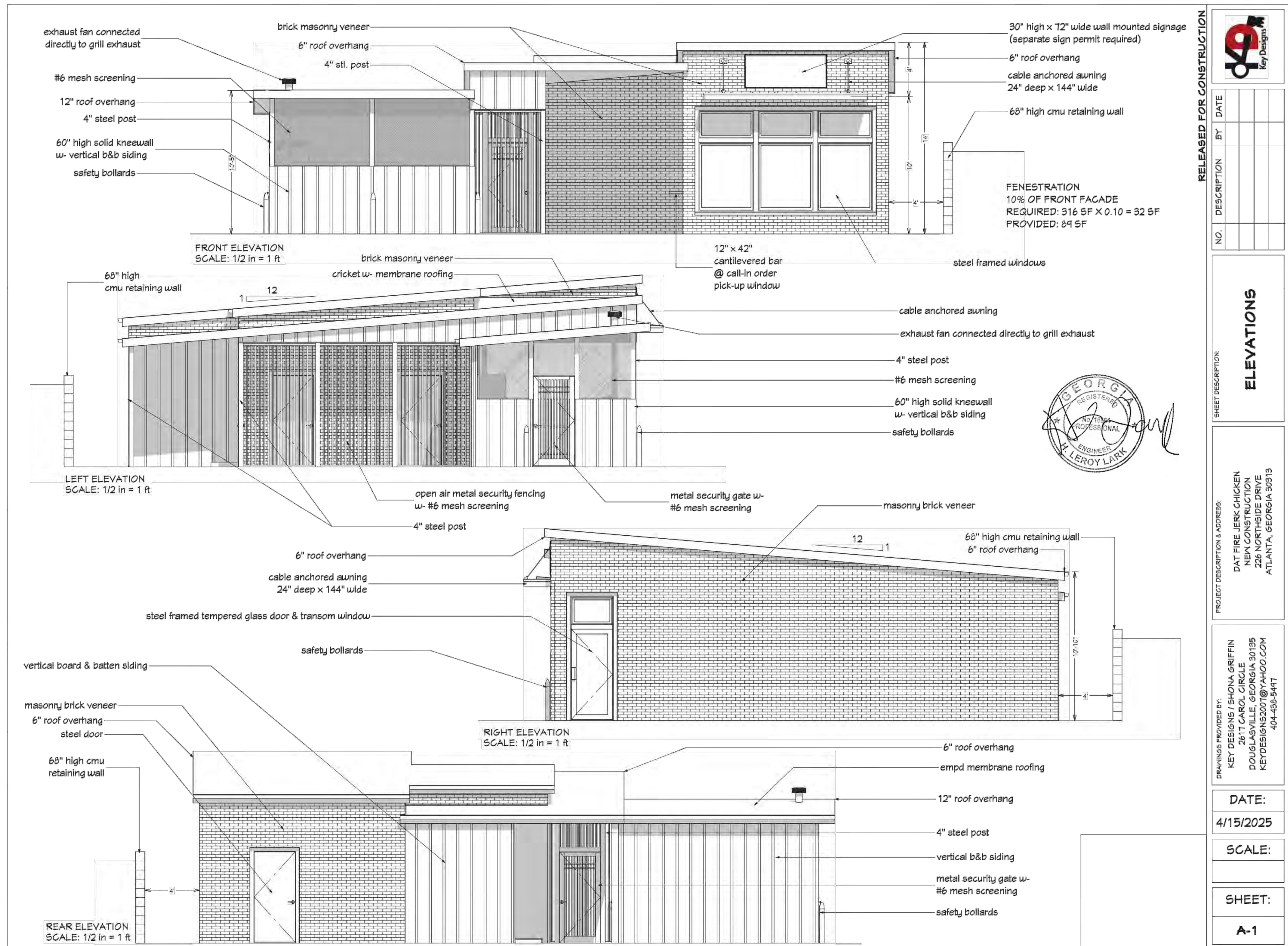
NEW INDOOR GREASE TRAPS PER PLAN

10. PARKING

EXISTING PARKING LOT TO BE RE-STRIPPED.



RELEASED FOR CONSTRUCTION																							
																							
<table border="1"> <tr> <td>NO.</td> <td>DESCRIPTION</td> <td>BY</td> <td>DATE</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>				NO.	DESCRIPTION	BY	DATE																
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SHEET:																							
C-1																							



EQUIPMENT SCHEDULE

1. hand sink w- 1/2" air gap
2. 3-compartment sink w/ drain board
3. 5-compartment steam table
4. 3x9 hood vent
5. stainless steel work table
6. gas range w/oven
7. fryer
8. up-right food warmer
9. ice machine w- 1/2" air gap
10. water heater
11. mop sink w- vacuum breaker - 1/2" airgap
12. stainless steel prep table w-under counter fridge
13. meat prep sink w-1/2" air gap
14. vegetable/fruit prep sink w-1/2" air gap
15. upright freezer
16. walk-in fridge
17. 5' high metal storage racks
18. drink cooler
19. wood/charcoal grill
20. ansul fire suppression system
21. turbine vent
22. dump sink - 1/2" air gap
23. employee storage lockers
24. hose bib-backflow preventer
25. above ground 40lb grease trap
26. below ground 200lb grease trap
27. gas rice cooker
28. countertop warmer
29. drink cooler

HEALTH AND SAFETY NOTES

lighting:
all lights to be shielded or fitted with shatter proof light bulbs

floors:
tile floors to be slip-proof mats and duckboards shall be non-absorbent, grease resistant, and such size, design, and construction to facilitate easy cleaning. install new cove base molding to kitchen, restrooms, and service areas as needed.

walls and ceilings:
walls, ceilings, and doors to remain in good repair. the walls including non-supporting partition wall coverings, and ceilings of food prep, food storage, equipment washing, and utensil washing areas, and toilet rooms shall be light colored, smooth, non-absorbent, and easily cleanable.

grease trap:
prep sink and mop sink to be serviced by grease interceptor

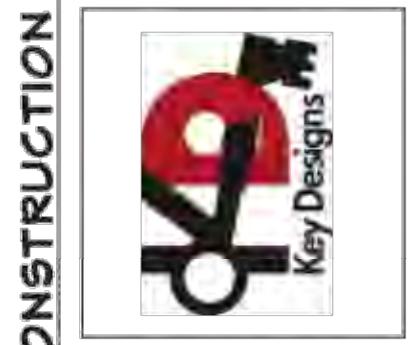
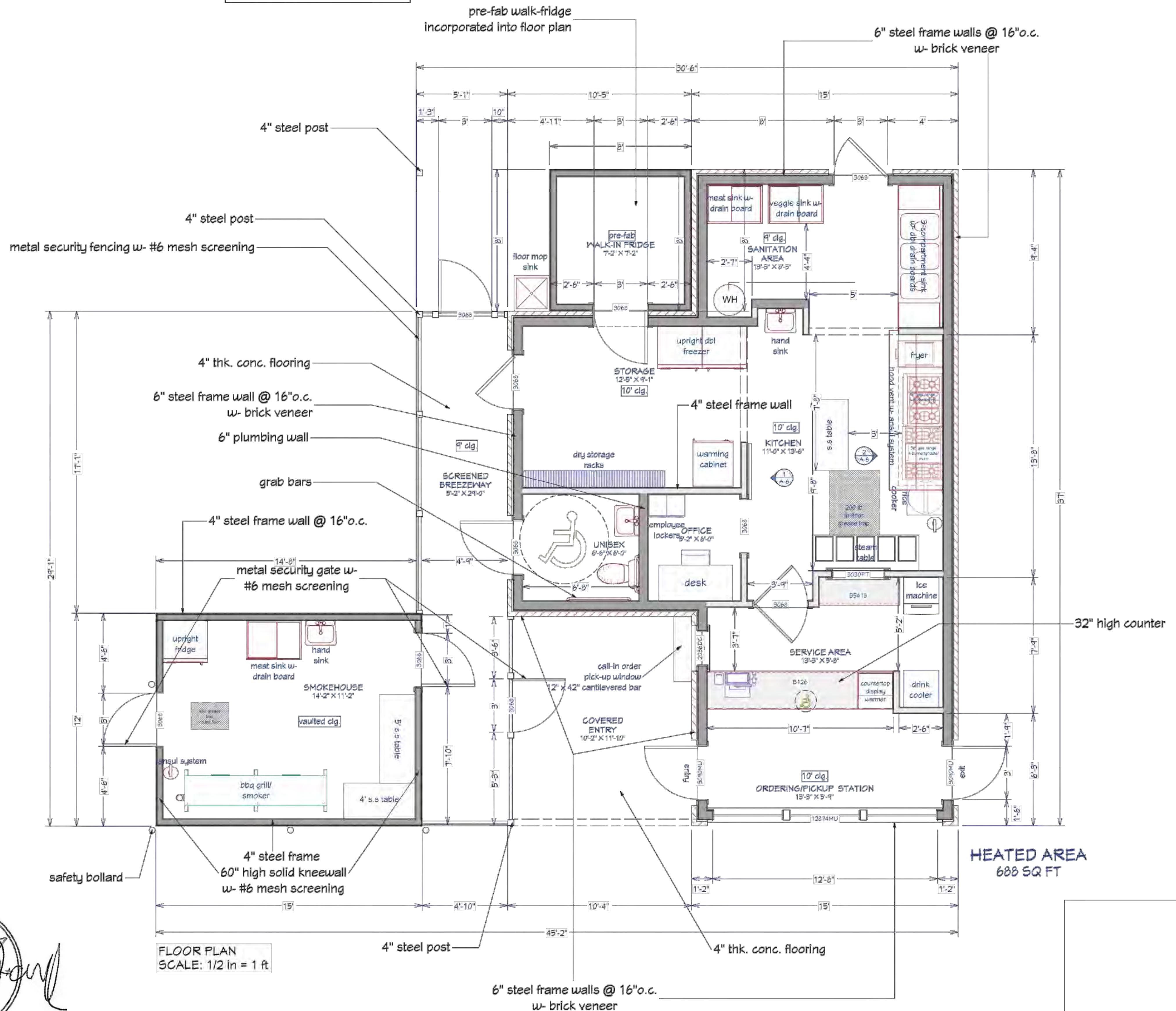
dumpster area:
new dumpster and padding to be installed. hose bib required with vacuum breaker required.

indirect sewer:
3-compartment sink, ice machine, coffee and tea equipment, soda equipment, and hose bib to have indirect sewer connections.

note:
*** all walls and ceiling tiles in prep areas, dishwashing areas, bars, restrooms and front service counter "must be smooth, non-absorbent, non-porous, light in color and easily cleanable surfaces.
- all equipment must be UL and NSF approved

FINISH SCHEDULE

room	floor	wall	base	ceiling	light shields
dining	slip-proof tile	gyp. board w-wipeable paint	cove	2x2 acoustic tile	shielded
food prep areas	slip-proof tile	frp panels	cove	2x2 vinyl tile	shielded
dry goods storage	slip-proof tile	frp panels	cove	2x2 vinyl tile	shielded
restrooms	slip-proof tile	frp panels	cove	2x2 vinyl tile	shielded
walk-in fridge	slip-proof metal	metal panels	n/a	2x2 vinyl tile	shielded



RELEASED FOR CONSTRUCTION

NO.	DESCRIPTION	BY	DATE

FLOOR PLAN	
SHEET DESCRIPTION:	

PROJECT DESCRIPTION & ADDRESS:	
DAT FIRE JERK CHICKEN NEW CONSTRUCTION 226 NORTHSIDE DRIVE ATLANTA, GEORGIA 30313	

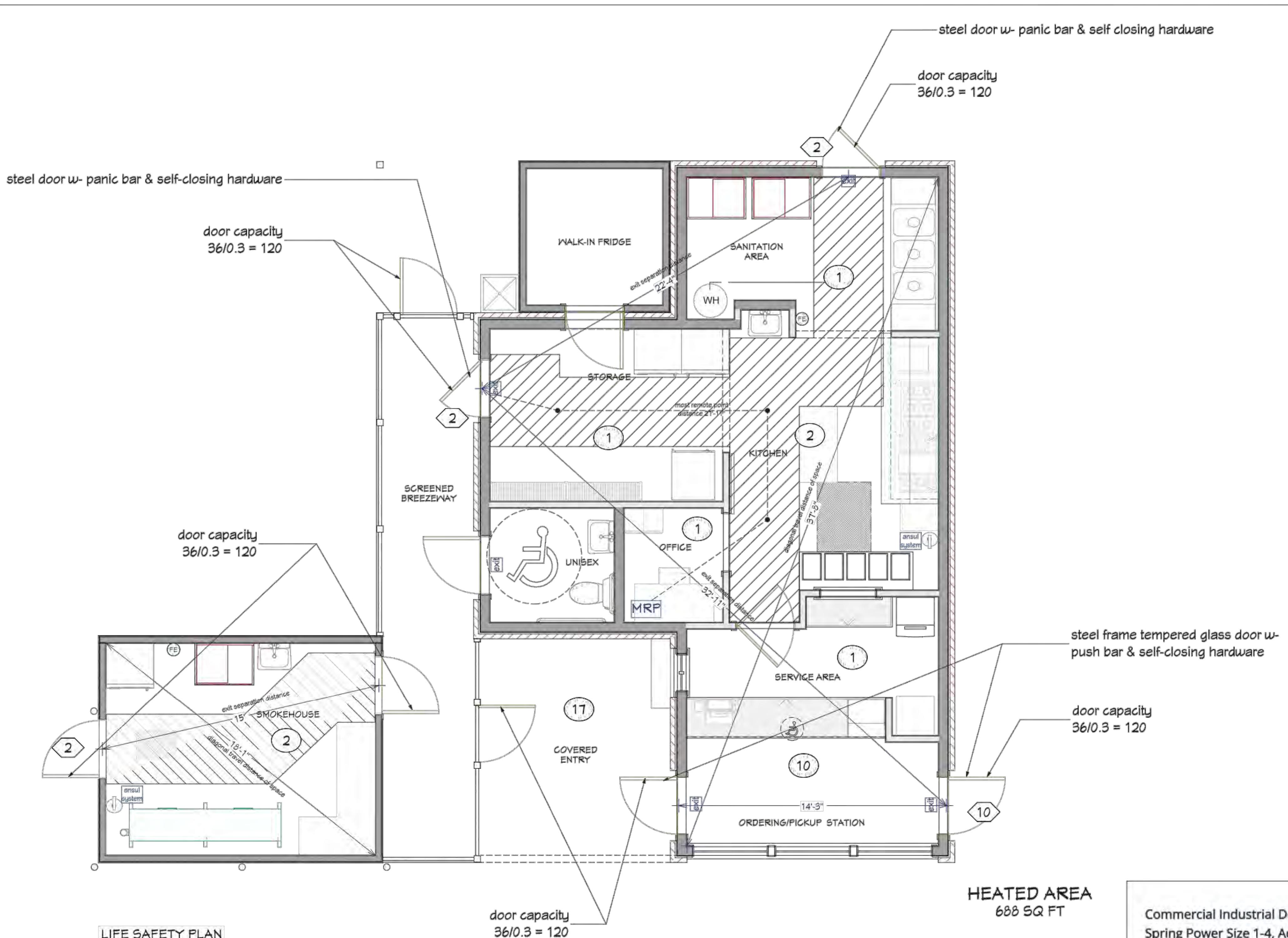
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KEY DESIGNS / SHONA GRIFFIN 2611 CAROL CIRCLE DOUGLASSVILLE, GEORGIA 30135 KEYDESIGNS2007@YAHOO.COM 404-438-5497	

DATE:	
4/15/2025	

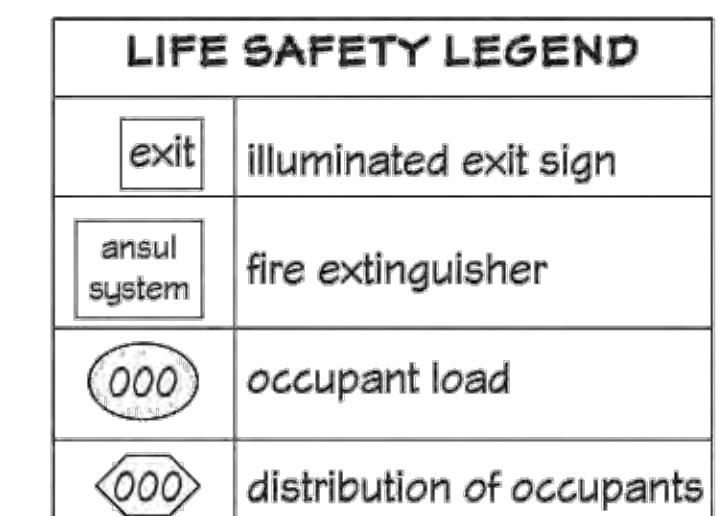
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SHEET:	

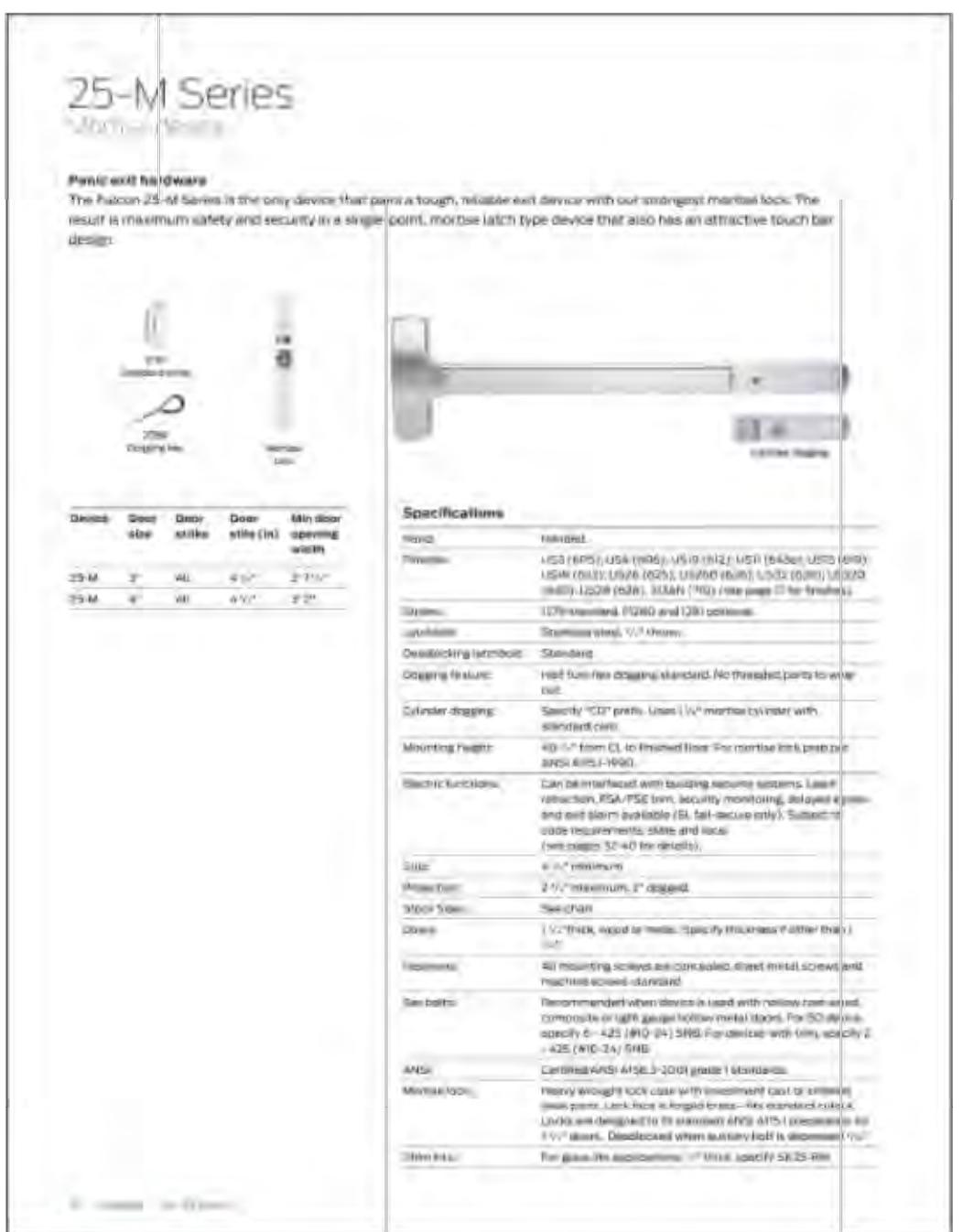
A-2



<u>OCCUPANT LOAD</u>			
area	sq. ft.	person per sf.	total
kitchen	159 sf.	100	2
sanitation	101 sf.	100	1
storage	112 sf.	500	1
service	86 sf.	100	1
order/pickup	75 sf.	7	10
entry	120 sf.	7	17
office	31 sf.	150	1
smokehouse	158 sf.	100	2
total occupants			35 people



LIFE SAFETY PLAN
SCALE: 1/2 in = 1 ft



Commercial Industrial Door Closer, Adjustable Spring Power Size 1-4, Adjustable Closing and Latch Speed, Backcheck Safety Feature

The Door Closers USA Commercial Door Closer is your go-to solution for securing commercial spaces with ease and reliability. Perfect for applications such as hollow metal doors, wood doors, and more, it boasts an adjustable closing speed and latching speed for optimal safety and performance. Equipped with a backcheck feature, it prevents doors from slamming open, prolonging door life. Additionally, its fully adjustable internal closing spring ensures compatibility with virtually any size commercial door. Trust Door Closers USA for top-quality, dependable commercial door hardware.

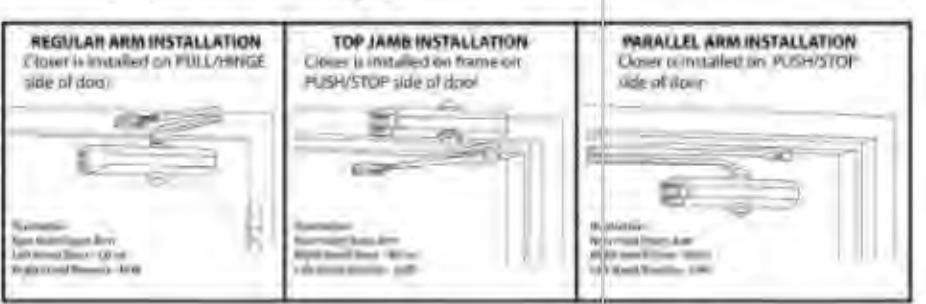
more information.

Features

- For Commercial Industrial Applications
- Grade 1 - Highest Grade Available For A Door Closer. Tested For Over 2 Million Door Cycles
- Non Handed: Can Be Installed On Right or Left Handed Doors
- Universal Mounting: Can Be Installed Top Jamb, Regular, or Parallel Mount
- Fully Adjustable Closing Speed and Latch Speed
- Fully Adjustable Backcheck Feature (Stops Door From Slamming Open)
- Fully Adjustable Spring Power Size 1-4 (Can Be Used On All Major Commercial Door Sizes)
- UL Listed

Universal Mounting

- This unique door closer design is non-handed (can be used on right or left hand doors) and can be mounted in the 3 different configurations below.

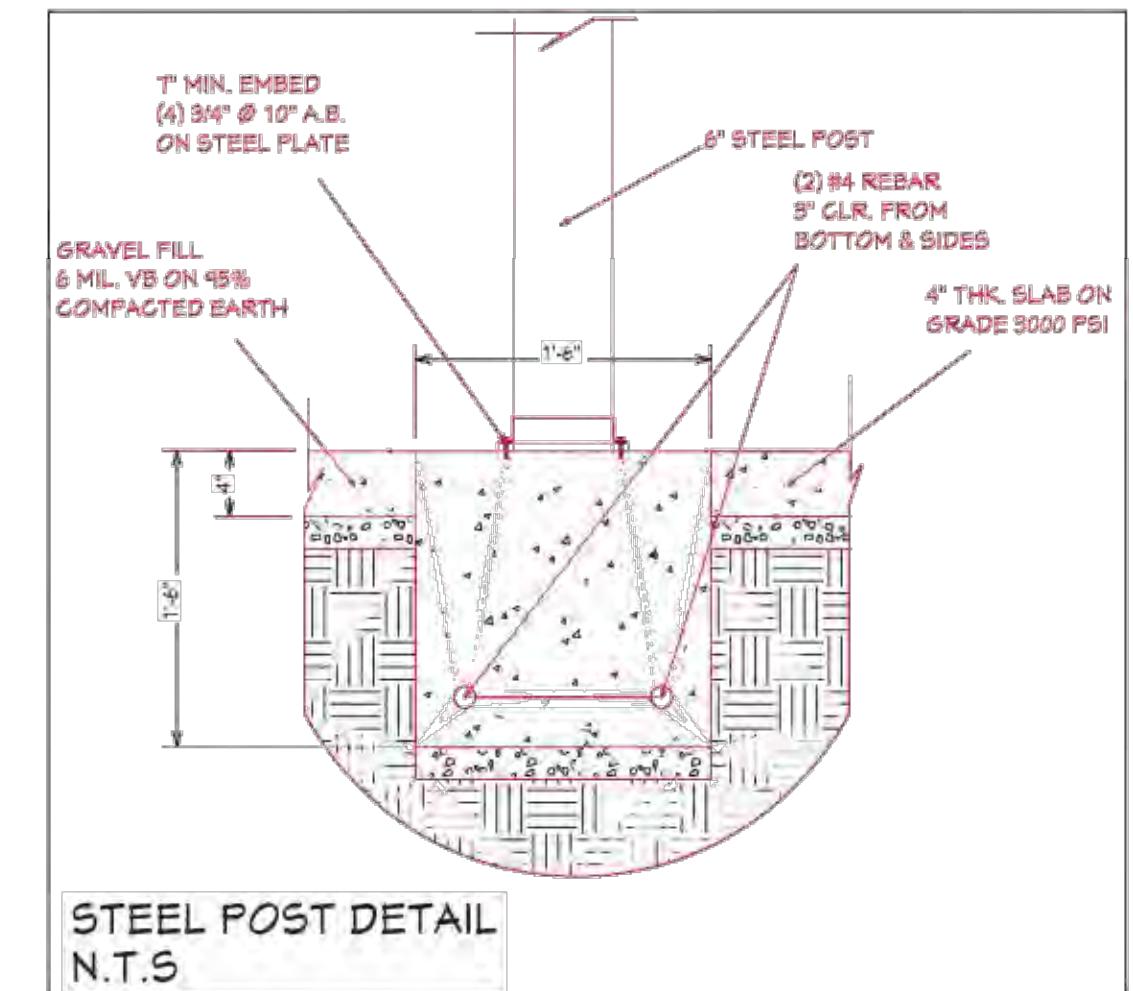


FOUNDATION GENERAL NOTES

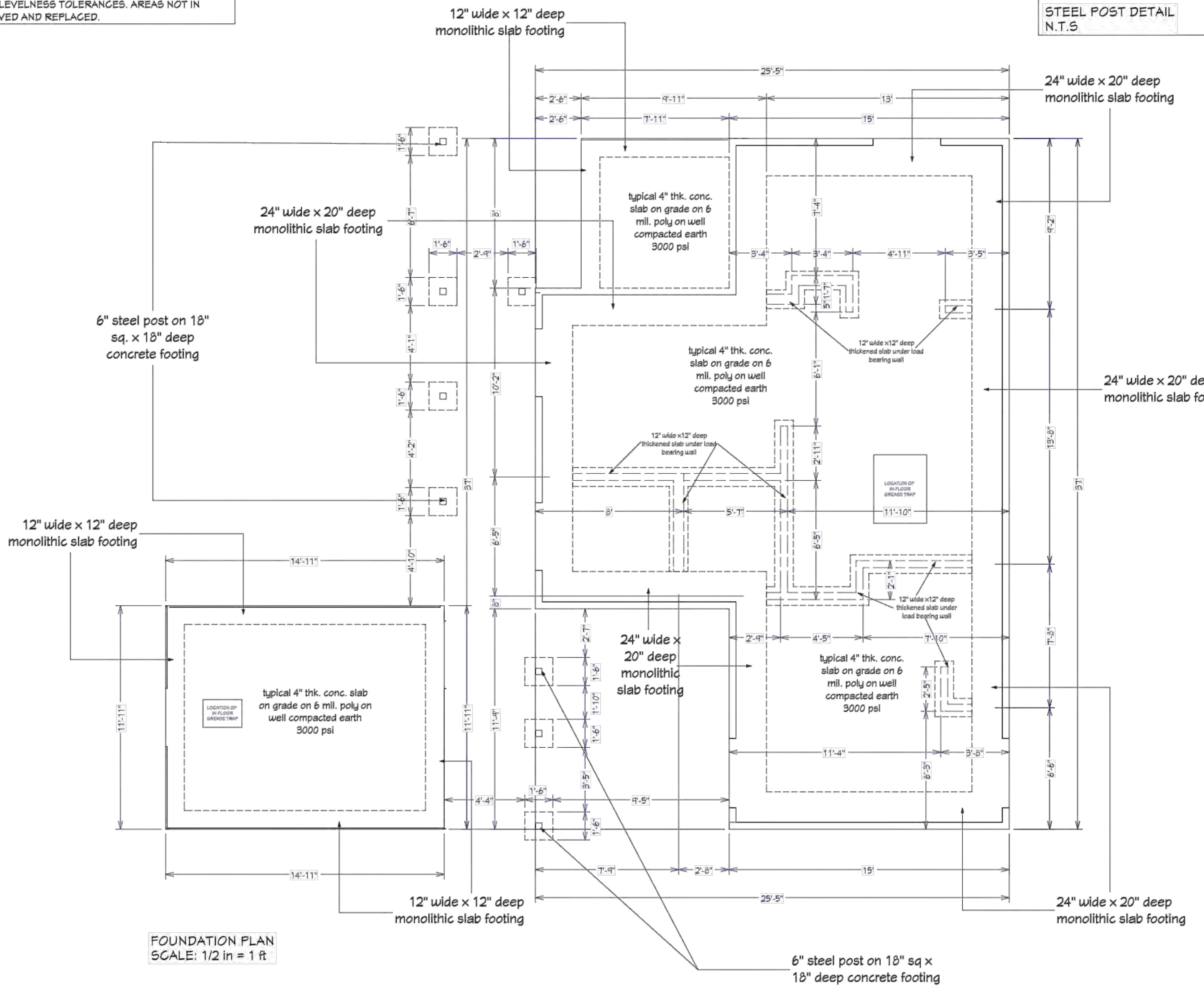
- THE SLAB THICKNESS SHALL BE 4" THICK MINIMUM.
- THE TYPICAL EDGE TURNDOWN SHALL BE 12" WIDE X A MINIMUM OF 18" DEEP WITH A MINIMUM OF 12" BENEATH THE EXTERIOR FINISHED GRADE.
- TURNDOWN FOOTINGS SHALL BE POURED MONOLITHIC WITH THE SLAB AND SHALL BE THE SIZE NOTED ON THE PLANS.
- THE SLAB SHALL BE SAWCUT TWICE TO A FINAL DEPTH OF 1-1/4" WITHIN 12 HOURS OF POURING SLAB. LOCATE AS SHOWN ON PLANS.
- THE SLAB SHALL BE WET CURED FOR A MINIMUM OF 4 DAYS AND A CURING AGENT (30 PERCENT SOLIDS) APPLIED AFTER THE WET CURE IS REMOVED. THE WET SHALL BE MAINTAINED CONTINUOUSLY FOR THE 4 DAYS.
- ALL CONCRETE SHALL BE A STRENGTH OF 3000 PSI IN 28 DAYS, SHALL HAVE A MINIMUM OF 10 PERCENT OF 3/4" AGGREGATE, SHALL HAVE A MAXIMUM SLUMP OF 5", SHALL HAVE A MAXIMUM WATER CEMENT RATIO OF .55 AND SHALL NOT HAVE MORE THAN 1 GALLON OF WATER PER YARD OF CONCRETE ADDED AT THE SITE.
- THE FOOTING SOIL SHALL BE VIRGIN MATERIAL WITH A SAFE SOIL BEARING PRESSURE OF NOT LESS THAN 3000 PSF. AND THE PAD SHALL BE COMPACTED TO 45 PERCENT STANDARD PROCTOR.
- THE SLAB SHALL BE POURED WITHIN THE REQUIREMENTS OF ACI-318 REGARDING FLATNESS AND LEVELNESS TOLERANCES. AREAS NOT IN TOLERANCE MUST BE REMOVED AND REPLACED.

GENERAL NOTES

- ALL INTERIOR NON-LOAD BEARING WALLS - FRAME W/ STUDS @ 16" O.C. W/ DOUBLE TOP PLATE.
- ALL ANGLES ON PLAN ARE 45 DEGREES UNLESS OTHERWISE NOTED
- VERIFY ALL DIMENSIONS IN THE FIELD.
- ALL CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE CODE BUILDING CODES.
- WHERE DRAWINGS ARE IN CONFLICT WITH OTHER DRAWINGS CONTRACTOR SHALL NOTIFY DESIGNER.



STEEL POST DETAIL
N.T.S.



RELEASED FOR CONSTRUCTION



FOUNDATION PLAN

SHEET DESCRIPTION:

PROJECT DESCRIPTION & ADDRESS:
DAT FIRE JERK CHICKEN
NEW CONSTRUCTION
226 NORTHSIDE DRIVE
ATLANTA, GEORGIA 30313

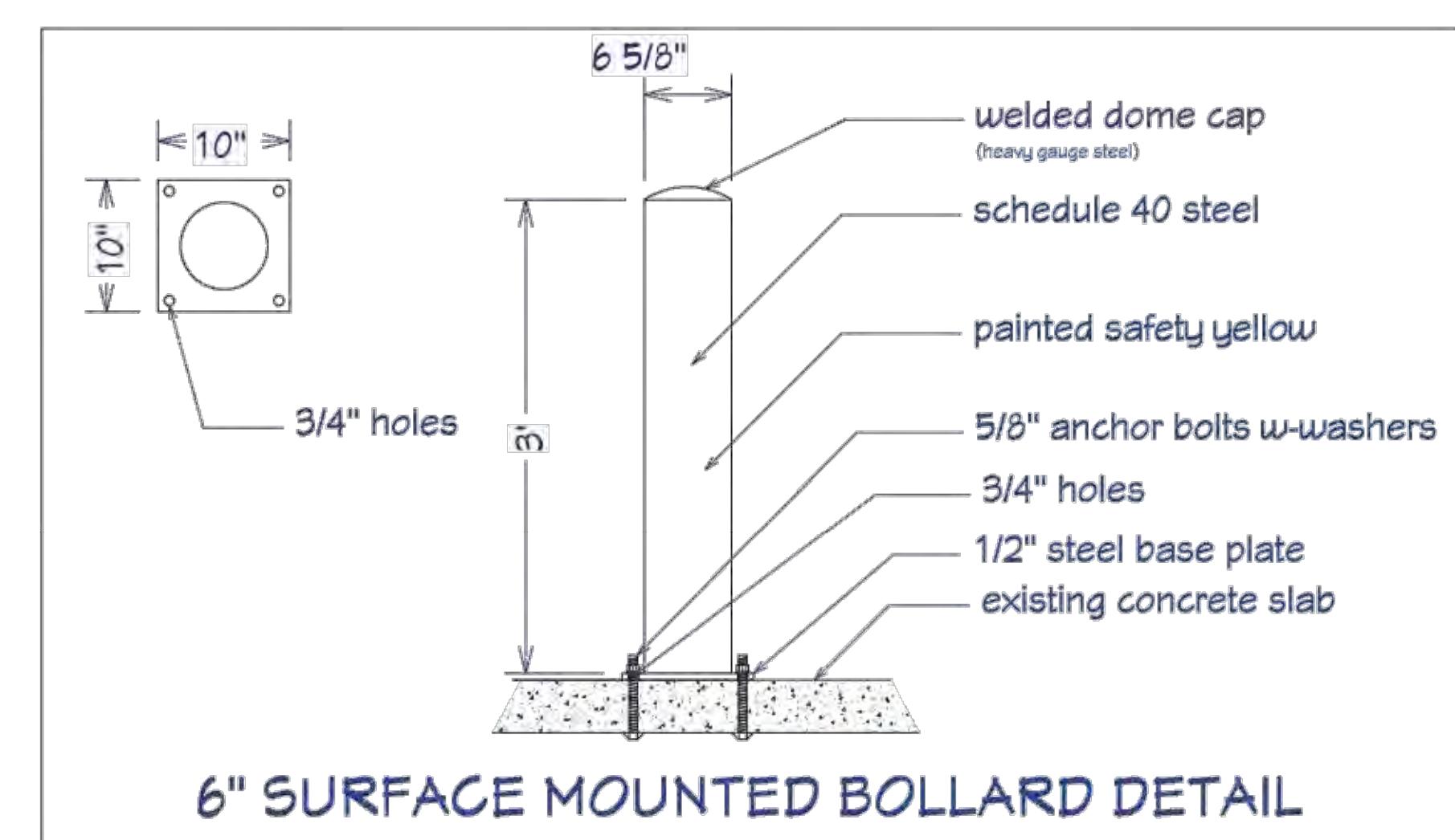
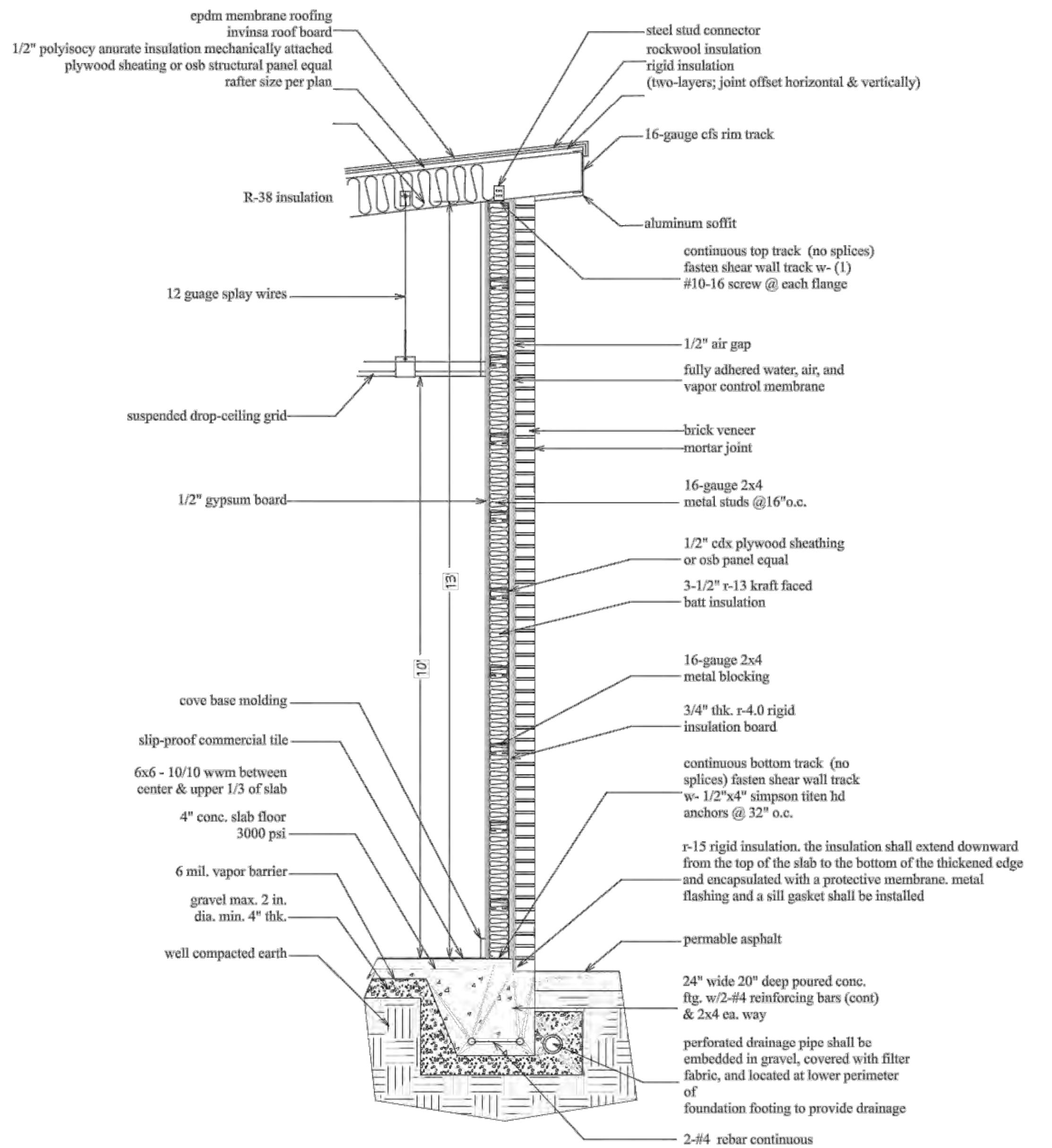
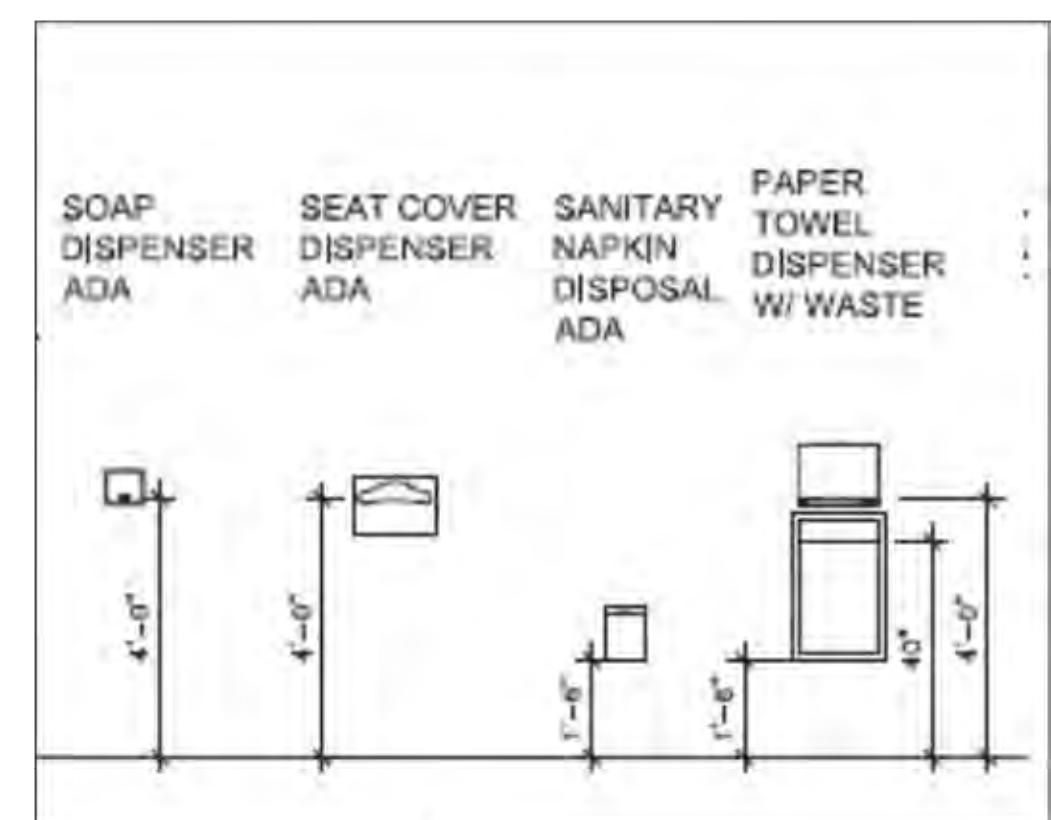
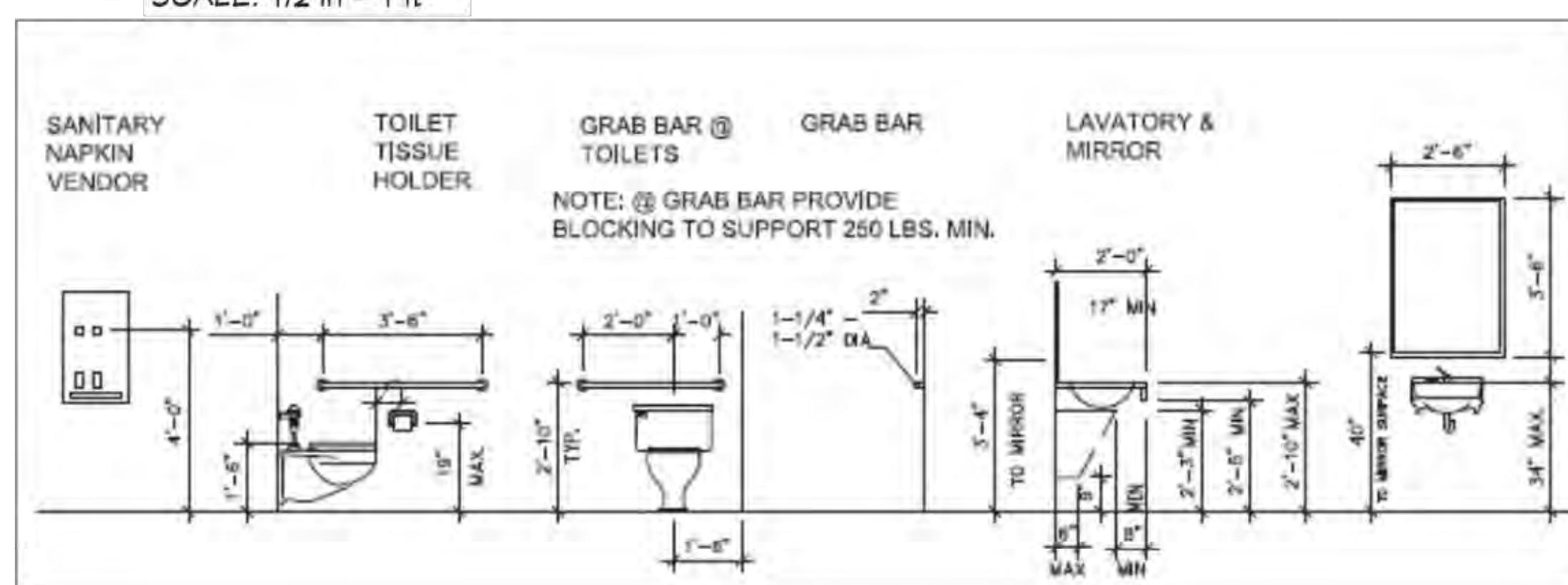
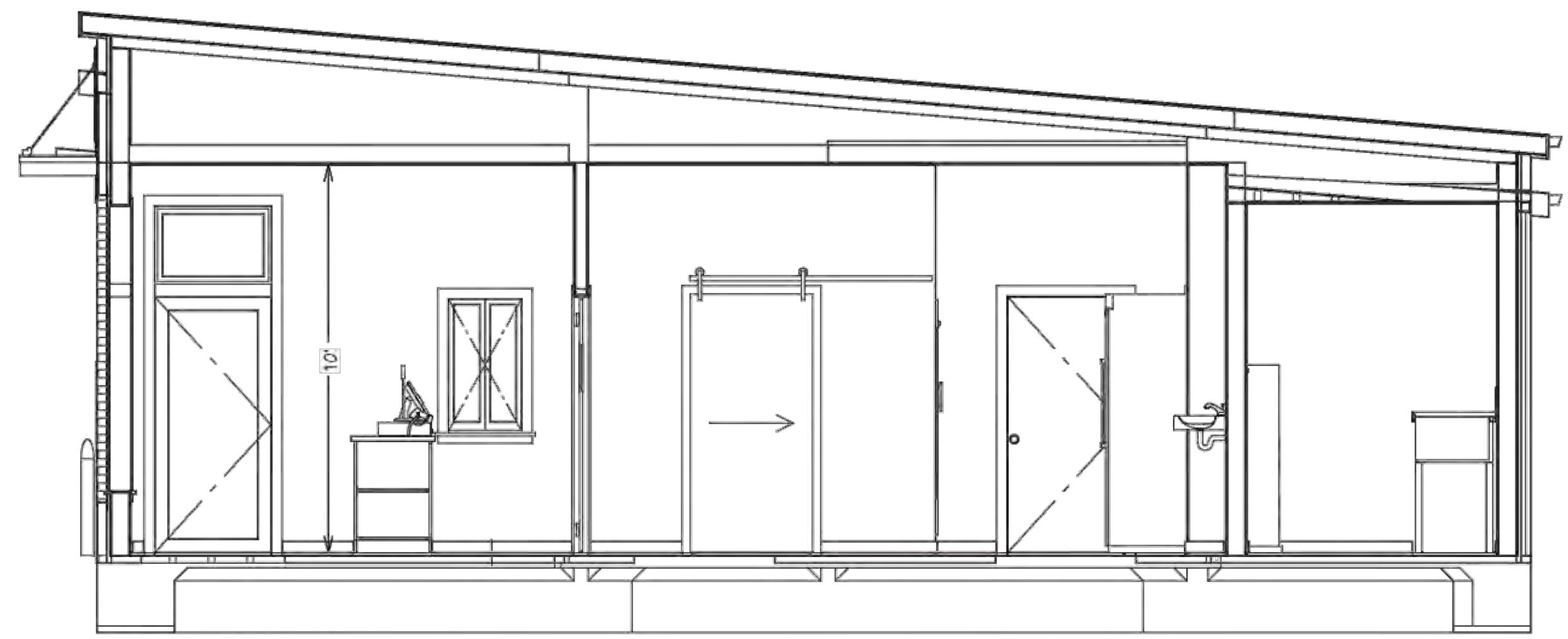
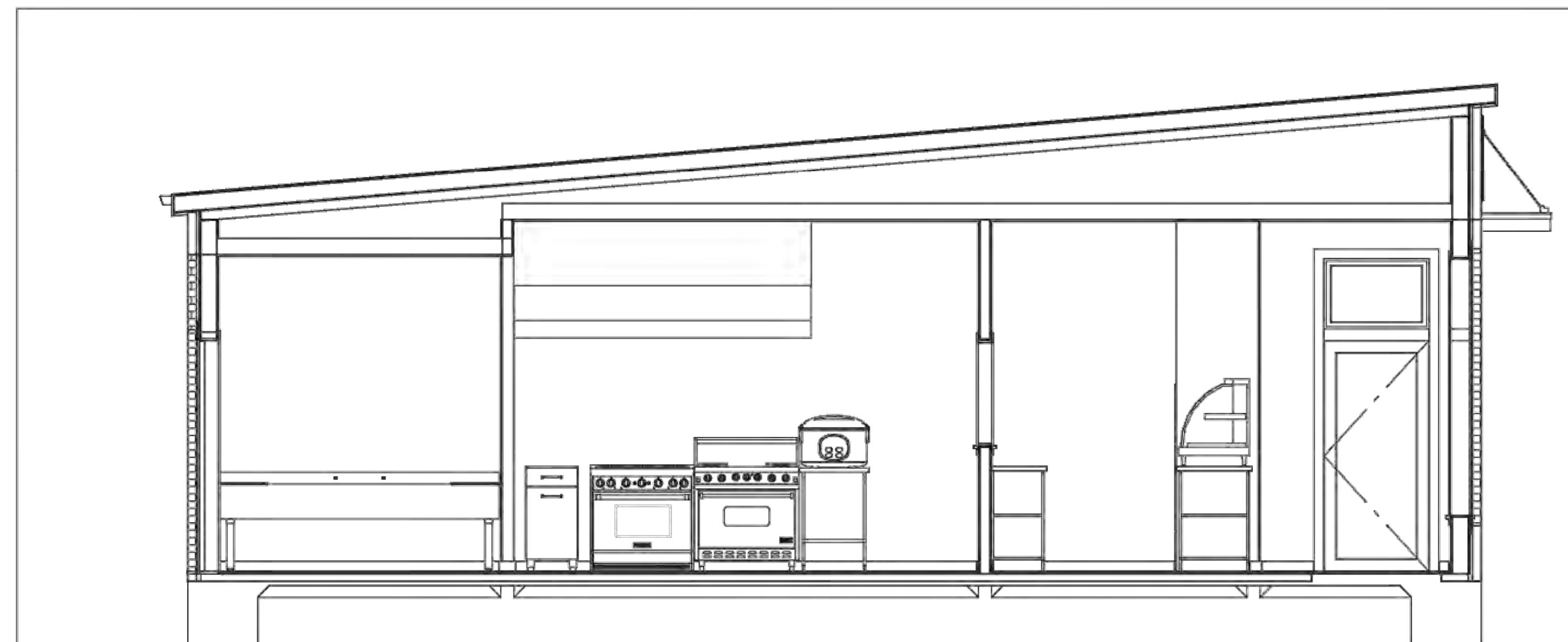
DRAWINGS PROVIDED BY:
KEY DESIGNS / SHONA GRIFFIN
2617 CAROL CIRCLE
DOUGLASSVILLE, GEORGIA 30335
KEYDESIGNS2007@YAHOO.COM
404-438-5497

DATE:
4/15/2025

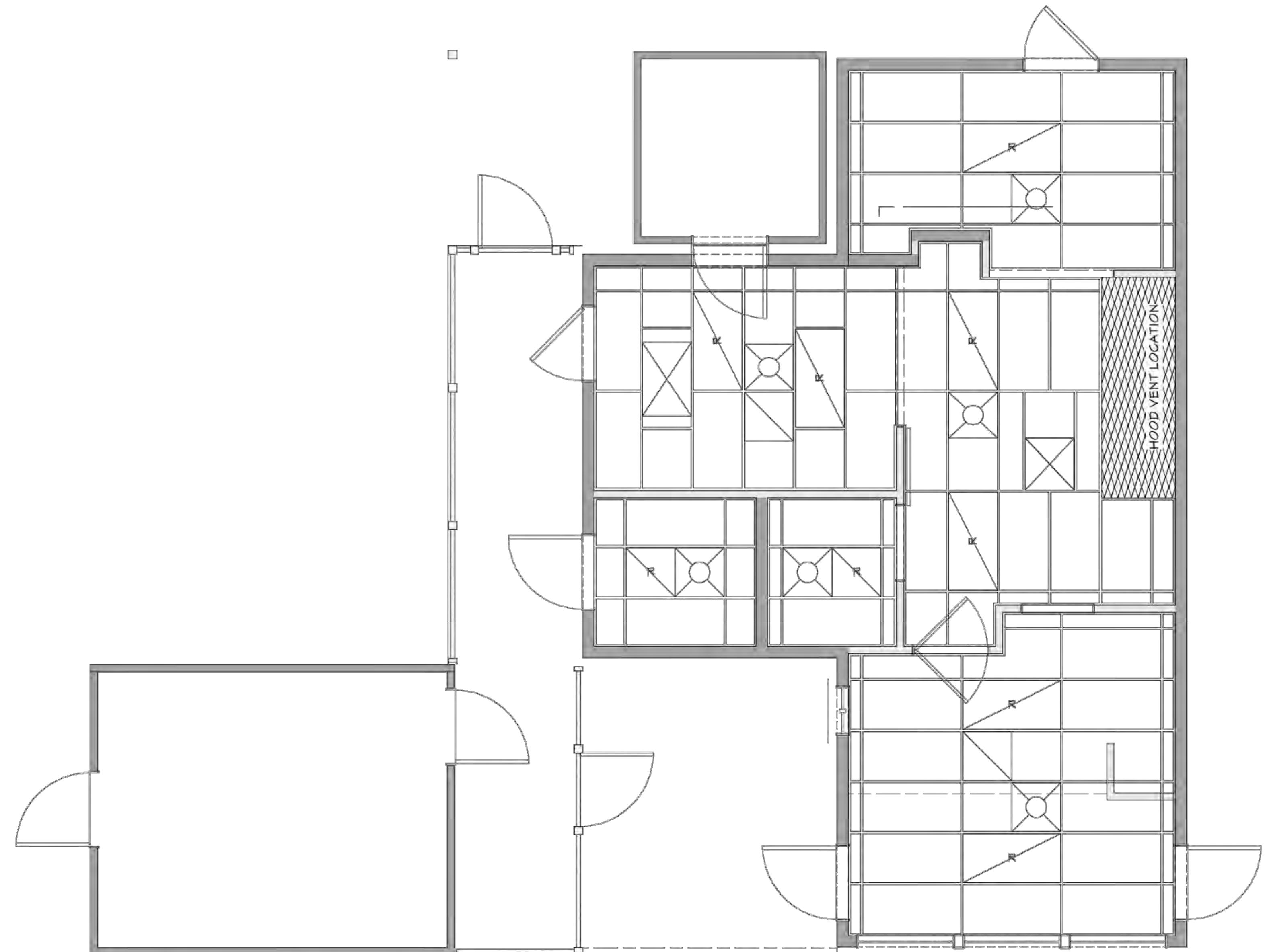
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SHEET:
A-4



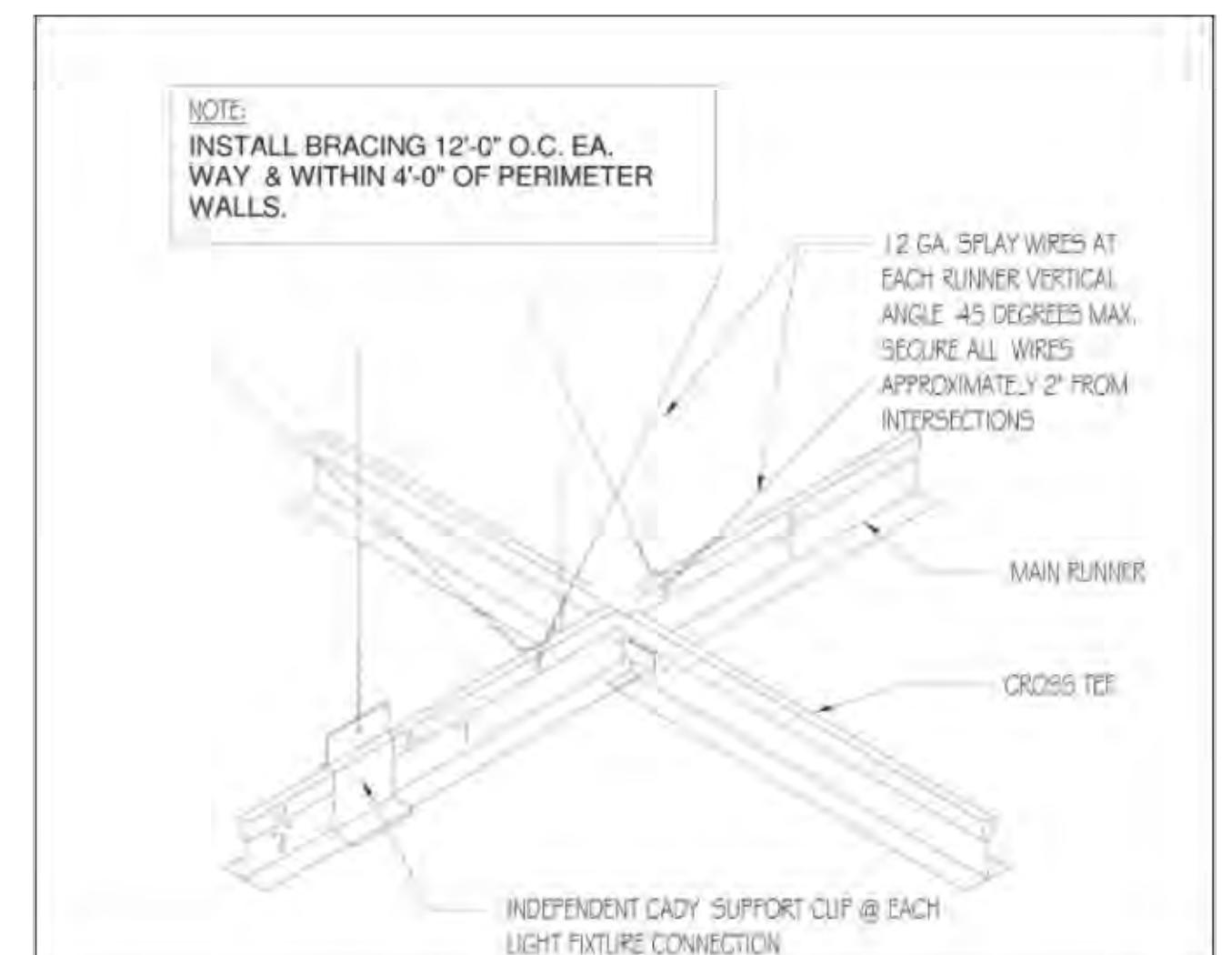


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NO.	DESCRIPTION	BY	DATE
SECTIONS & TYPICAL DETAILS			
<p>PROJECT DESCRIPTION & ADDRESS: DAT FIRE JERK CHICKEN NEW CONSTRUCTION 226 NORTHSIDE DRIVE ATLANTA, GEORGIA 30313</p>			
<p>DRAWINGS PROVIDED BY: KEY DESIGNS / SHONA GRIFFIN 2617 CAROL CIRCLE DOUGLASSVILLE, GEORGIA 30135 KEYDESIGNS2007@YAHOO.COM 404-438-5477</p>			
<p>DATE: 4/15/2025</p>			
<p>SCALE: 1/2 in = 1 ft</p>			
<p>SHEET: A-5</p>			



CEILING PLAN LEGEND

	HVAC SUPPLY REGISTER
	HVAC RETURN AIR REGISTER
	INDIRECT FLUORESCENT LIGHTING
	ARMSTRONG 2X4 SMOOTH CEILING TILES
	ILLUMINATED EXIT SIGNS W- BACKUP BATTERY



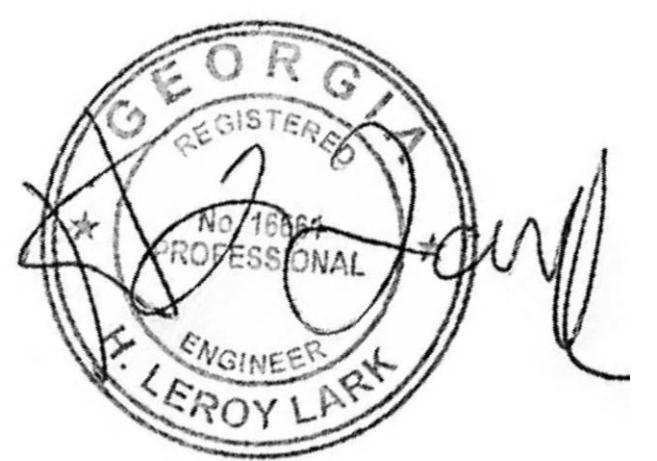
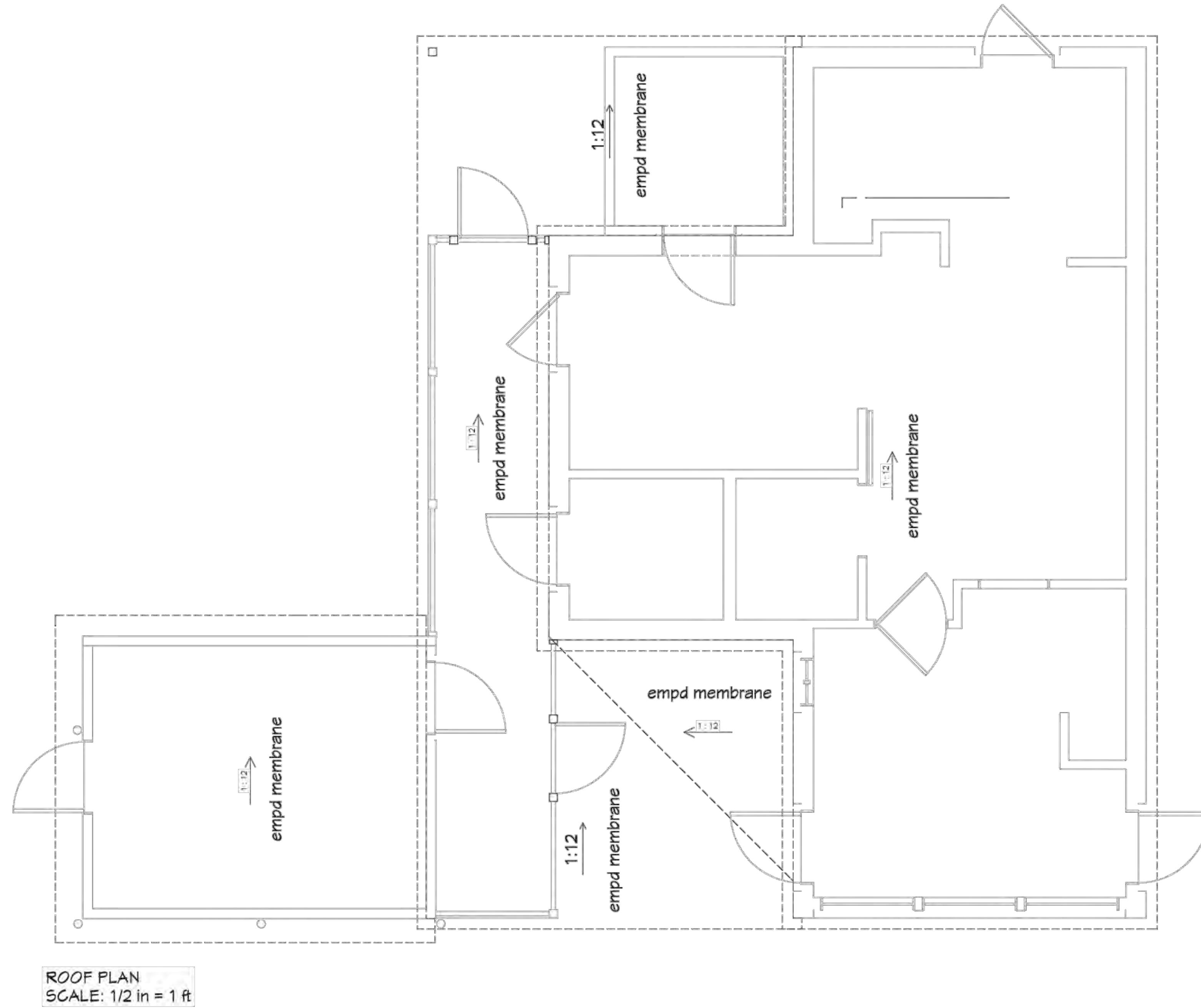
DROP CEILING DETAIL N.T.S

RELEASED FOR CONSTRUCTION			
NO.	DESCRIPTION	BY	DATE
CEILING PLAN			
SHEET DESCRIPTION:			
PROJECT DESCRIPTION & ADDRESS:			
DAT FIRE JERK CHICKEN NEW CONSTRUCTION 226 NORTHSIDE DRIVE ATLANTA, GEORGIA 30313			
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KEY DESIGNS / SHONA GRIFFIN 2611 CAROL CIRCLE DOUGLASSVILLE, GEORGIA 30135 KEYDESIGNS2000@YAHOO.COM 404-486-5497			
DATE:			
4/15/2025			
SCALE:			
SHEET:			
A-6			









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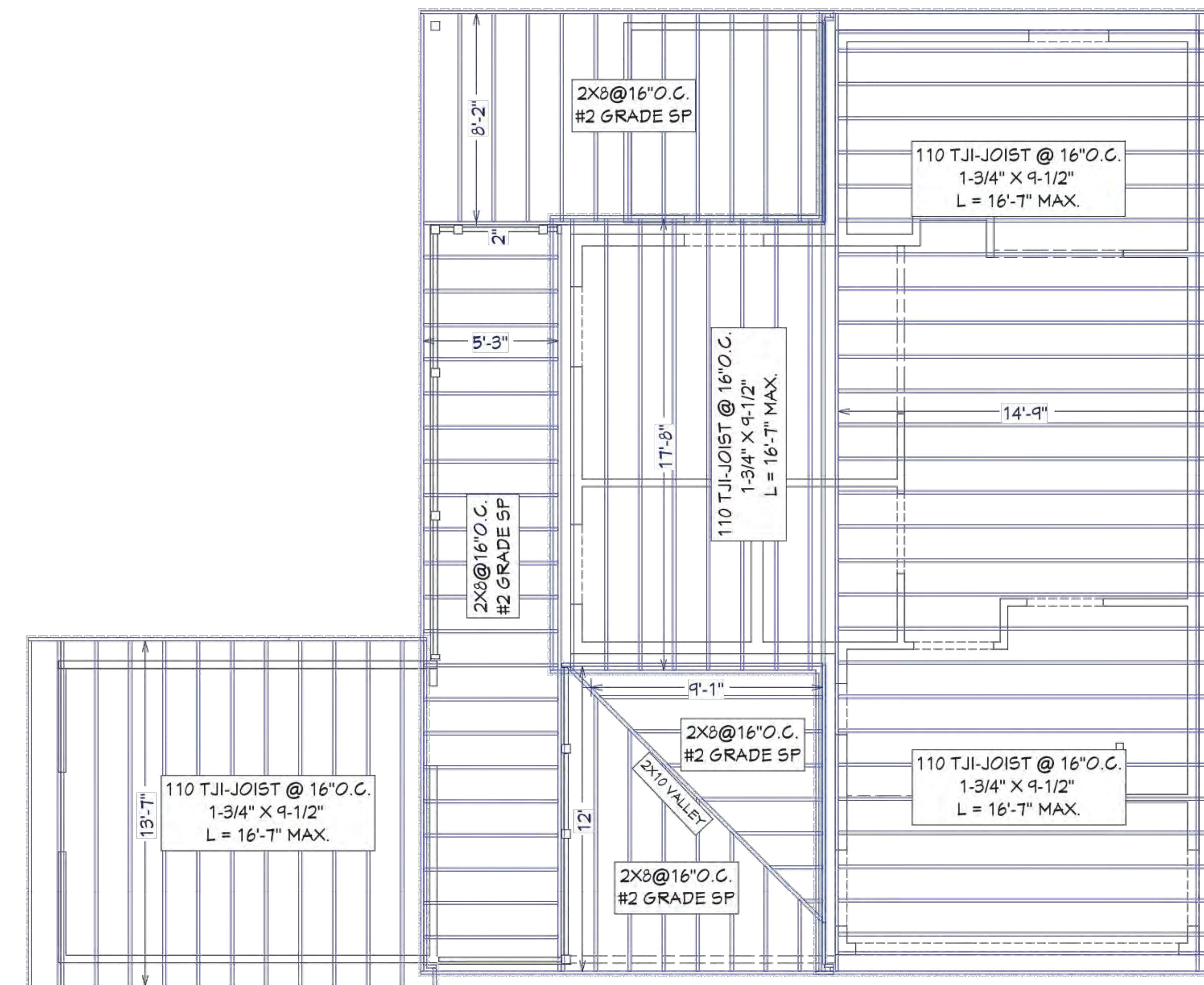


90°-180°
JOISTS

ROOF SPAN TABLE

Maximum Horizontal Clear Spans—Roof

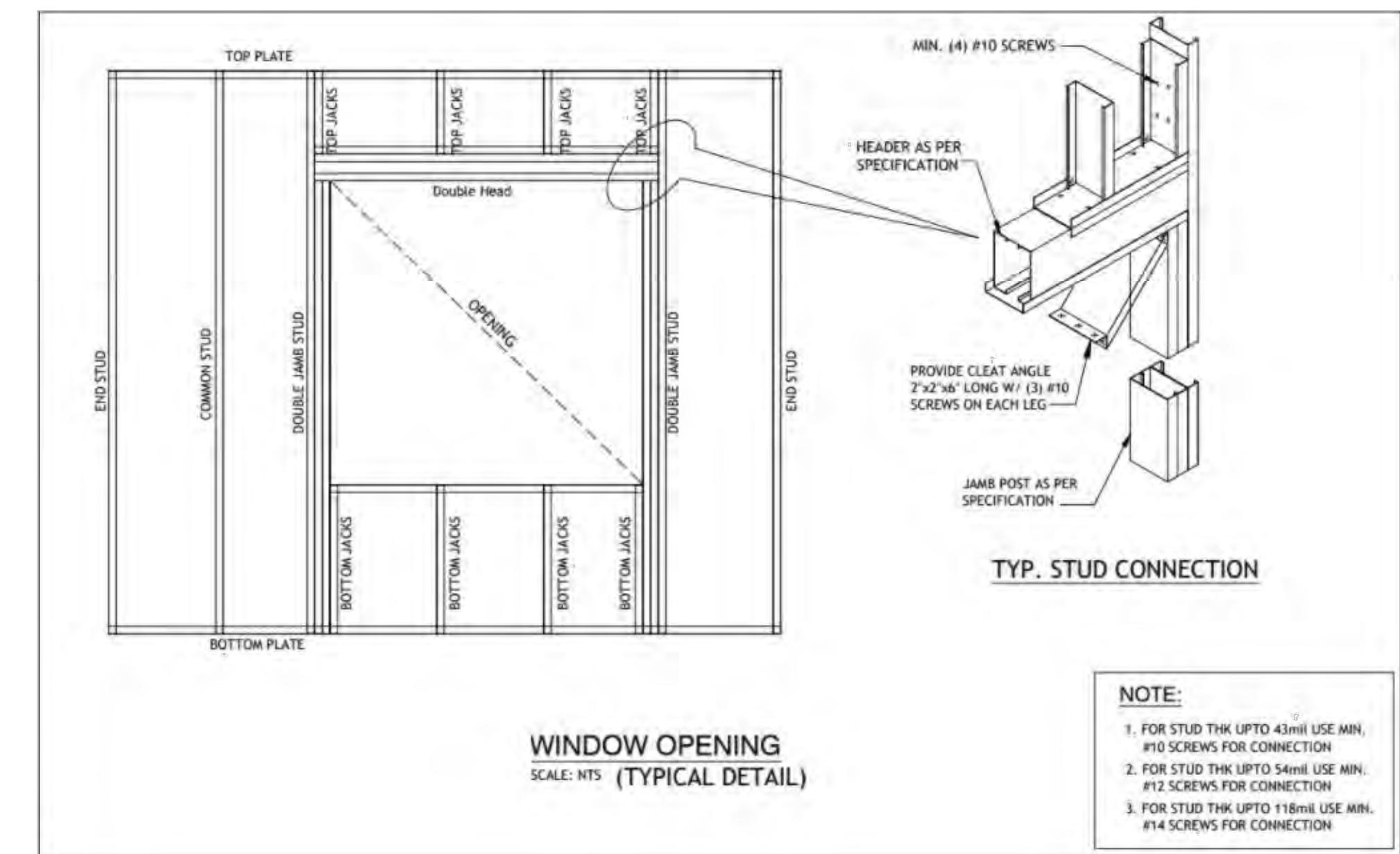
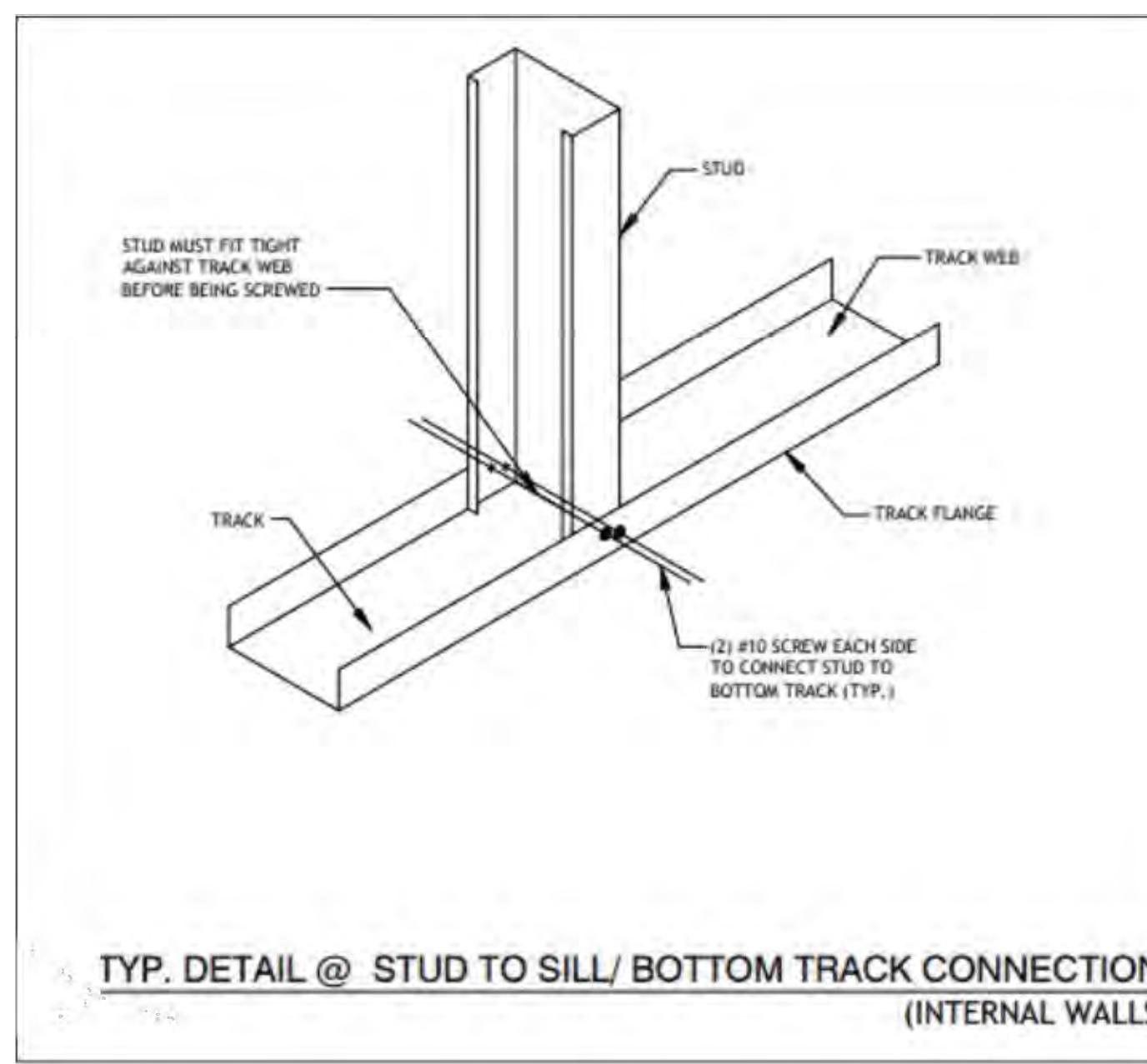
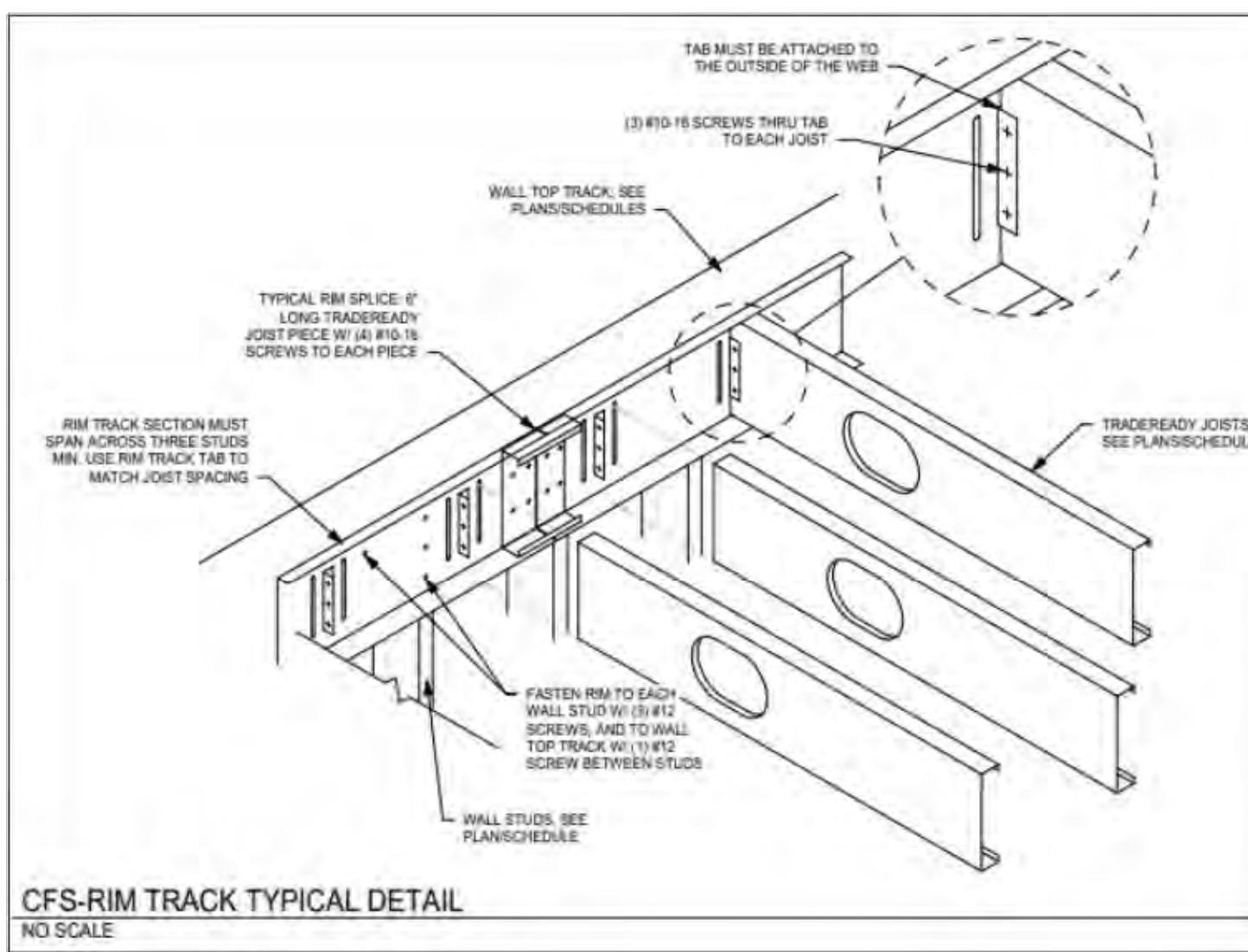
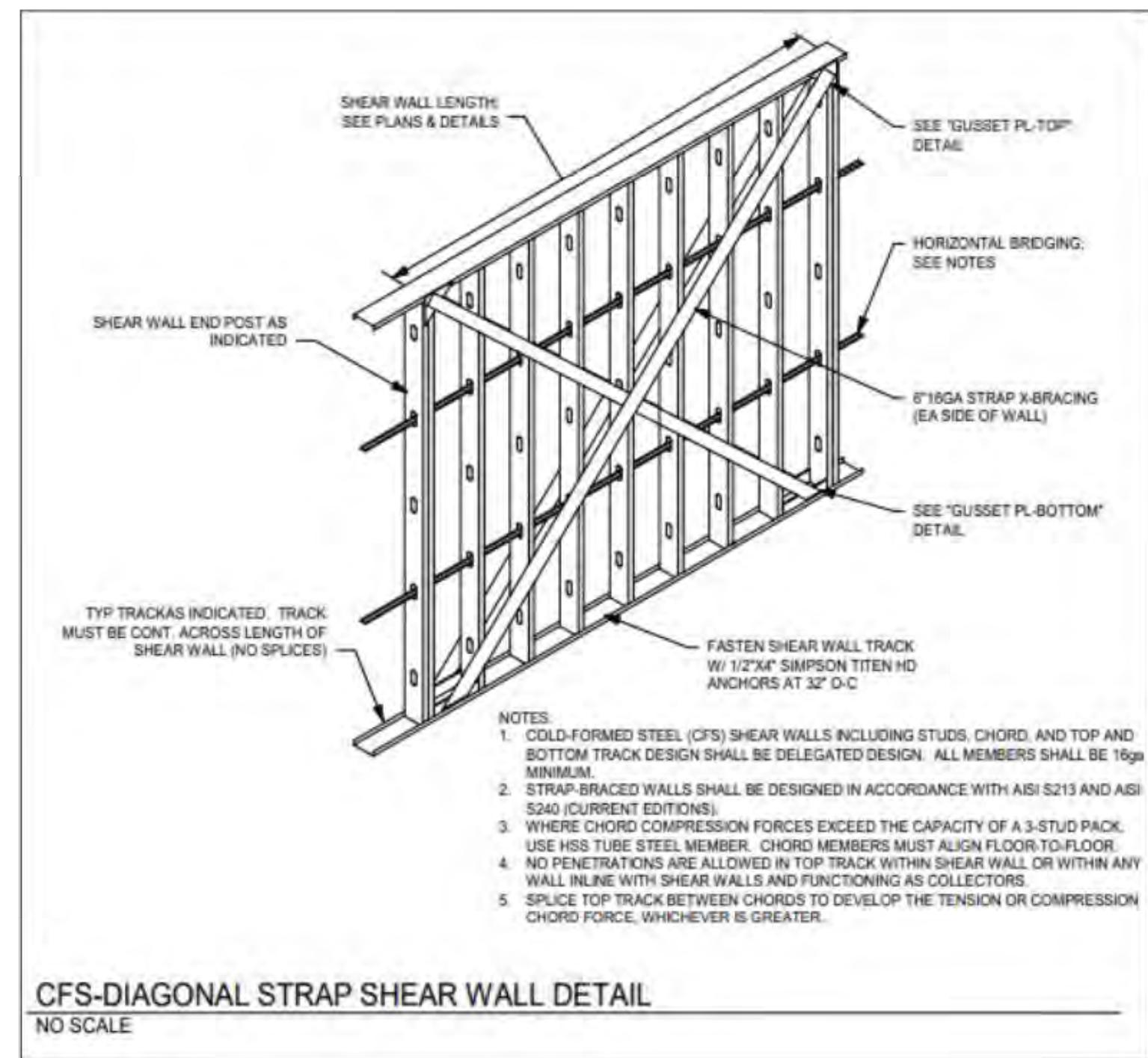
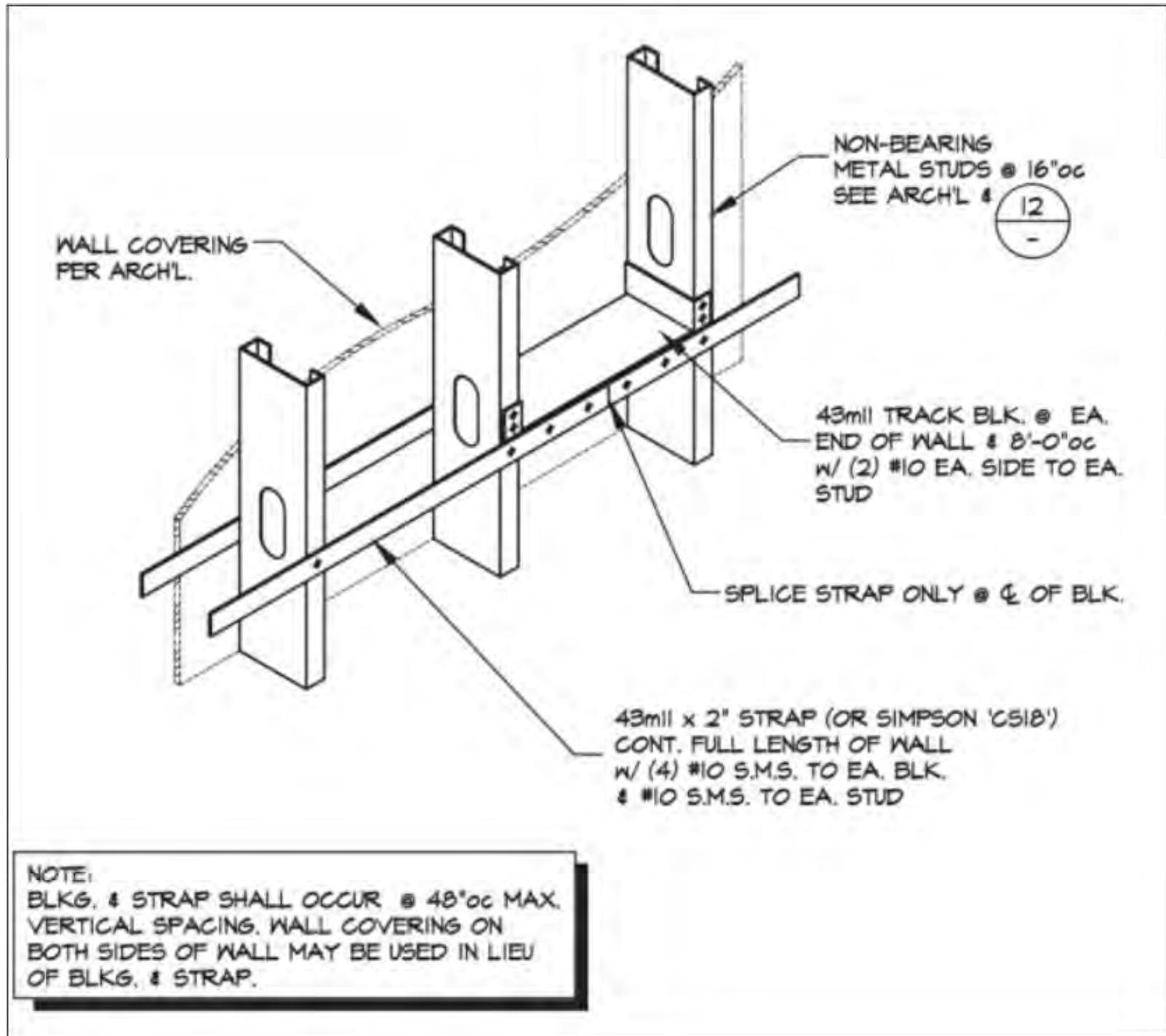
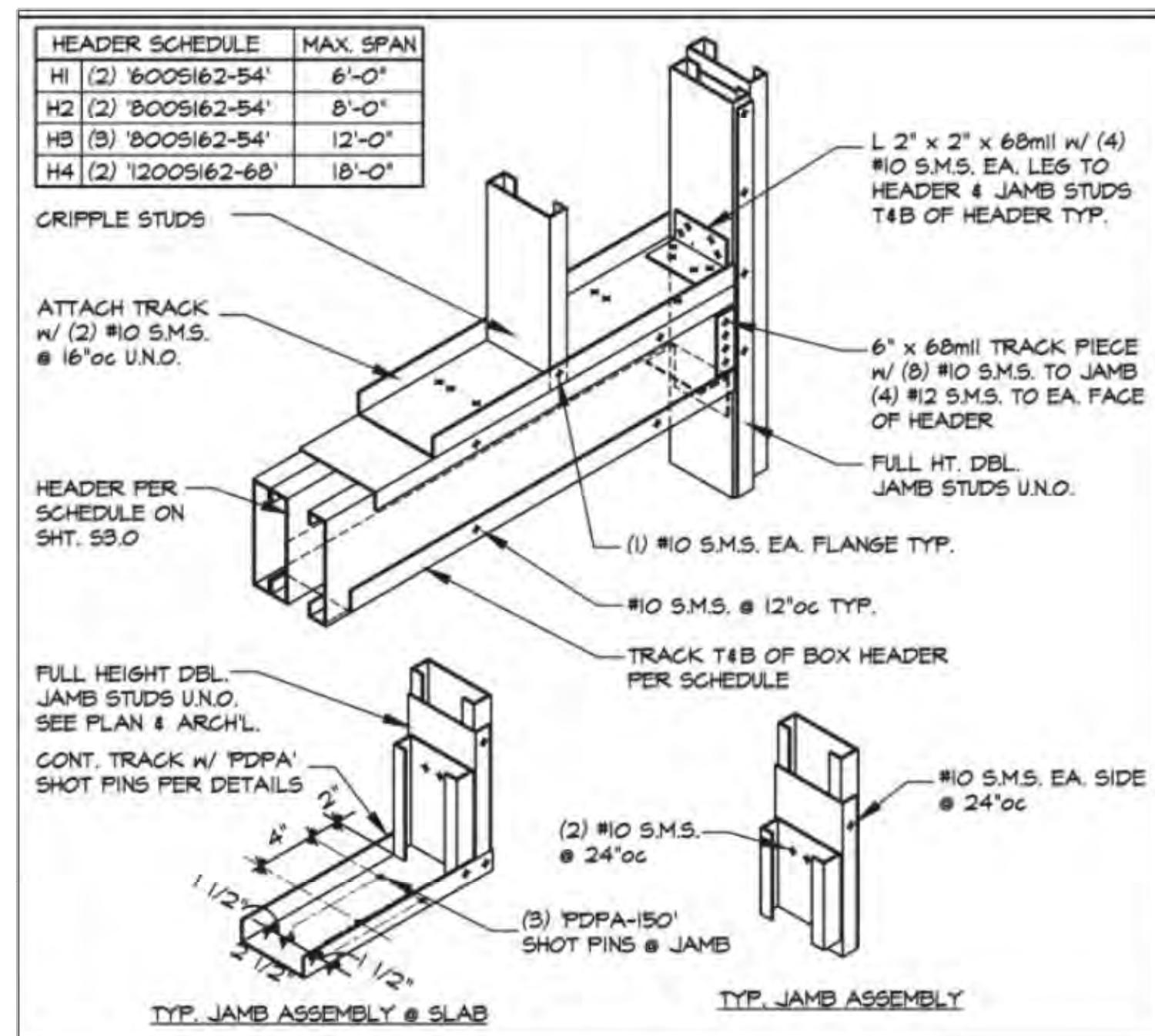
O.L. Spanning	Span	D.F.	Design Live Load (DL) and Deadload (DL) in PSD												
			Non-Snow (125%)				Snow Load Area (115%)				Snow Load Area (115%)				
			DL + 180L		DL + 280L		DL + 180L		DL + 280L		DL + 180L		DL + 280L		
90°	10'	DL	Low	High	Low	High	Low	High	Low	High	Low	High	Low	High	
			110	10'-0"	17'-10"	19'-1"	16'-1"	18'-2"	18'-9"	18'-10"	17'-2"	19'-2"	18'-11"	18'-12"	
			210	21'-4"	38'-10"	39'-2"	37'-10"	39'-2"	38'-4"	39'-6"	38'-5"	39'-5"	38'-6"	39'-6"	
110°	10'	DL	220	21'-11"	39'-10"	39'-10"	36'-11"	38'-10"	36'-2"	38'-10"	36'-10"	38'-10"	36'-10"	38'-10"	36'-10"
			110	12'-11"	23'-4"	23'-9"	20'-2"	23'-8"	21'-4"	23'-10"	21'-4"	23'-10"	21'-11"	23'-12"	
			210	25'-3"	37'-4"	36'-1"	37'-4"	36'-2"	37'-3"	38'-11"	35'-4"	37'-5"	37'-4"	38'-5"	38'-5"
120°	10'	DL	220	10'-11"	22'-10"	22'-10"	18'-11"	20'-10"	18'-10"	20'-10"	18'-10"	20'-10"	18'-10"	20'-10"	18'-10"
			360	37'-9"	52'-10"	52'-10"	33'-9"	52'-10"	33'-10"	52'-10"	33'-10"	52'-10"	33'-11"	52'-11"	33'-11"
			560	31'-11"	48'-2"	48'-2"	30'-11"	48'-2"	30'-2"	48'-2"	30'-2"	48'-2"	30'-3"	48'-3"	30'-3"
130°	10'	DL	110	17'-2"	24'-3"	25'-3"	22'-2"	24'-3"	23'-4"	22'-4"	22'-4"	22'-4"	21'-6"	23'-6"	21'-6"
			210	28'-8"	35'-2"	34'-3"	25'-1"	34'-3"	25'-2"	34'-2"	25'-2"	34'-2"	25'-5"	34'-5"	25'-5"
			360	28'-3"	38'-1"	38'-1"	28'-1"	38'-1"	28'-1"	38'-1"	28'-1"	38'-1"	28'-4"	38'-4"	28'-4"
140°	10'	DL	110	26'-2"	33'-1"	33'-1"	23'-6"	33'-1"	23'-7"	33'-1"	23'-7"	33'-1"	23'-8"	33'-8"	23'-8"
			210	31'-10"	39'-2"	39'-2"	30'-4"	39'-2"	30'-5"	39'-2"	30'-5"	39'-2"	30'-11"	39'-11"	30'-11"
			360	36'-11"	42'-2"	42'-2"	33'-9"	42'-2"	33'-10"	42'-2"	33'-10"	42'-2"	34'-6"	42'-6"	34'-6"
150°	10'	DL	110	37'-10"	43'-10"	43'-10"	33'-6"	43'-10"	33'-7"	43'-10"	33'-7"	43'-10"	33'-11"	43'-11"	33'-11"
			210	41'-10"	47'-10"	47'-10"	37'-6"	47'-10"	37'-7"	47'-10"	37'-7"	47'-10"	37'-11"	47'-11"	37'-11"
			360	46'-11"	52'-2"	52'-2"	43'-9"	52'-2"	43'-10"	52'-2"	43'-10"	52'-2"	44'-6"	52'-6"	44'-6"
160°	10'	DL	110	46'-10"	52'-10"	52'-10"	42'-6"	52'-10"	42'-7"	52'-10"	42'-7"	52'-10"	42'-11"	52'-11"	42'-11"
			210	51'-10"	57'-10"	57'-10"	48'-6"	57'-10"	48'-7"	57'-10"	48'-7"	57'-10"	48'-11"	57'-11"	48'-11"
			360	56'-11"	62'-2"	62'-2"	53'-9"	62'-2"	53'-10"	62'-2"	53'-10"	62'-2"	54'-6"	62'-6"	54'-6"
170°	10'	DL	110	55'-10"	61'-10"	61'-10"	57'-6"	61'-10"	57'-7"	61'-10"	57'-7"	61'-10"	57'-11"	61'-11"	57'-11"
			210	60'-10"	66'-10"	66'-10"	62'-6"	66'-10"	62'-7"	66'-10"	62'-7"	66'-10"	62'-11"	66'-11"	62'-11"
			360	65'-11"	71'-2"	71'-2"	68'-9"	71'-2"	68'-10"	71'-2"	68'-10"	71'-2"	69'-6"	71'-6"	69'-6"
180°	10'	DL	110	64'-10"	70'-10"	70'-10"	67'-6"	70'-10"	67'-7"	70'-10"	67'-7"	70'-10"	67'-11"	70'-11"	67'-11"
			210	69'-10"	75'-10"	75'-10"	71'-6"	75'-10"	71'-7"	75'-10"	71'-7"	75'-10"	71'-11"	75'-11"	71'-11"
			360	74'-11"	80'-2"	80'-2"	77'-9"	80'-2"	77'-10"	80'-2"	77'-10"	80'-2"	78'-6"	80'-6"	78'-6"
190°	10'	DL	110	73'-10"	79'-10"	79'-10"	76'-6"	79'-10"	76'-7"	79'-10"	76'-7"	79'-10"	76'-11"	79'-11"	76'-11"
			210	78'-10"	84'-10"	84'-10"	81'-6"	84'-10"	81'-7"	84'-10"	81'-7"	84'-10"	81'-11"	84'-11"	81'-11"
			360	83'-11"	89'-2"	89'-2"	86'-9"	89'-2"	86'-10"	89'-2"	86'-10"	89'-2"	87'-6"	89'-6"	87'-6"
200°	10'	DL	110	82'-10"	88'-10"	88'-10"	85'-6"	88'-10"	85'-7"	88'-10"	85'-7"	88'-10"	85'-11"	88'-11"	85'-11"
			210	87'-10"	93'-10"	93'-10"	90'-6"	93'-10"	90'-7"	93'-10"	90'-7"	93'-10"	90'-11"	93'-11"	90'-11"
			360	92'-11"	98'-2"	98'-2"	95'-9"	98'-2"	95'-10"	98'-2"	95'-10"	98'-2"	96'-6"	98'-6"	96'-6"
210°	10'	DL	110	91'-10"	97'-10"	97'-10"	94'-6"	97'-10"	94'-7"	97'-10"	94'-7"	97'-10"	94'-11"	97'-11"	94'-11"
			210	96'-10"	102'-10"	102'-10"	99'-6"	102'-10"	99'-7"	102'-10"	99'-7"	102'-10"	99'-11"	102'-11"	99'-11"
			360	101'-11"	107'-2"	107'-2"	104'-9"	107'-2"	104'-10"	107'-2"	104'-10"	107'-2"	105'-6"	107'-6"	105'-6"
220°	10'	DL	110	100'-10"	106'-10"	106'-10"	103'-6"	106'-10"	103'-7"	106'-10"	103'-7"	106'-10"	103'-11"	106'-11"	103'-11"
			210	105'-10"	111'-10"	111'-10"	108'-6"	111'-10"	108'-7"	111'-10"	108'-7"	111'-10"	108'-11"	111'-11"	108'-11"
			360	110'-11"	116'-2"	116'-2"	113'-9"	116'-2"	113'-10"	116'-2"	113'-10"	116'-2"	114'-6"	116'-6"	114'-6"
230°	10'	DL	110	109'-10"	115'-10"	115'-10"	112'-6"	115'-10"	112'-7"	115'-10"	112'-7"	115'-10"	112'-11"	115'-11"	112'-11"
			210	114'-10"	120'-10"	120'-10"	117'-6"	120'-10"	117'-7"	120'-10"	117'-7"	120'-10"	117'-11"	120'-11"	117'-11"
			360	119'-11"	125'-2"	125'-2"	122'-9"	125'-2"	122'-10"	125'-2"	122'-10"	125'-2"	123'-6"	125'-6"	123'-6"
240°	10'	DL	110	118'-10"	124'-10"	124'-10"	121'-6"	124'-10"	121'-7"	124'-10"	121'-7"	124'-10"	121'-11"	124'-11"	121'-11"
			210	123'-10"	129'-10"	129'-10"	126'-6"	129'-10"	126'-7"	129'-10"	126'-7"	129'-10"	126'-11"	129'-11"	126'-11"
			360	128'-11"	134'-2"	134'-2"	131'-9"	134'-2"	131'-10"	134'-2"	131'-10"	134'-2"	132'-6"	134'-6"	132'-6"
250°	10'	DL	110	127'-10"	133'-10"	133'-10"	130'-6"	133'-10"	130'-7"	133'-10"	130'-7"	133'-10"	130'-11"	133'-11"	130'-11"
			210	132'-10"	138'-10"	138'-10"	135'-6"	138'-10"	135'-7"	138'-10"	135'-7"	138'-10"	135'-11"	138'-11"	135'-11"
			360	137'-11"	143'-2"	143'-2"	140'-9"	143'-2"	140'-10"	143'-2"	140'-10"	143'-2"	141'-6"	143'-6"	141'-6"
260°	10'	DL	110	136'-10"	142'-10"	142'-10"	143'-6"	142'-10"	143'-7"	142'-10"	143'-7"	142'-10"	143'-11"	142'-11"	143'-11"
			210	141'-10"	147'-10"	147'-10"	144'-6"	147'-10"	144'-7"	147'-10"	144'-7"	147'-10"	144'-11"	147'-11"	144'-11"
			360	146'-11"	152'-2"	152'-2"	149'-9"	152'-2"	149'-10"	152'-2"	149'-10"	152'-2"	150'-6"	152'-6"	150'-6"
270°	10'	DL	110	145'-10"	151'-10"	151'-10"	148'-6"	151'-10"	148'-7"	151'-10"	148'-7"	151'-10"	148'-11"	151'-11"	148'-11"
			210	150'-10"	156'-10"	156'-10"	153'-6"	156'-10"	153'-7"	156'-10"	153'-7"	156'-10"	153'-11"	156'-11"	153'-11"
			360	155'-11"	161'-2"	161'-2"	158'-9"	161'-2"	158'-10"	161'-2"	158'-10"	161'-2"	159'-6"	161'-6"	159'-6"
280°	10'	DL	110	154'-10"	160'-10"	160'-10"	157'-6"	160'-10"	157'-7"	160'-10"	157'-7"	160'-10"	157'-11"	160'-11"	157'-11"
			210	159'-10"	165'-10"	165'-10"	162'-6"	165'-10"	162'-7"	165'-10"	162'-7"	165'-10"	162'-11"	165'-11"	162'-11"
			360	164'-11"	170'-2"	170'-2"	167'-9"	170'-2"	167'-10"	170'-2"	167'-10"	170'-2"	168'-6"	170'-6"	168'-6"
290°	10'	DL	110	163'-10"	169'-10"	169'-10"	166'-6"	169'-10"	166'-7"	169'-10"	166'-7"	169'-10"	166'-11"	169'-11"	166'-11"
			210	168'-10"	174'-10"	174'-10"	171'-6"	174'-10"	171'-7"	174'-10"	171'-7"	174'-10"	171'-11"	174'-11"	171'-11"
			360	173'-11"	179'-2"	179'-2"	176'-9"	179'-2"	176'-10"	179'-2"	176'-10"	179'-2"	177'-6"	179'-6"	177'-6"
300°	10'	DL	110	172'-10"	178'-10"	178'-10"	175'-6"	178'-10"	175'-7"	178'-10"	175'-7"	178'-10"	175'-11"	178'-11"	175'-11"
			210	177'-10"	183'-10"	183'-10"	180'-6"	183'-10"	180'-7"	183'-10"	180'-7"	183'-10"	180'-11"	183'-11"	180'-11"
			360	182'-11"	188'-2"	188'-2"	185'-9"	188'-2"	185'-10"	188'-2"	185'-10"	188'-2"	186'-6"	188'-6"	186'-6"
310°	10'	DL	110	181'-10"	187'-10"	187'-10"	184'-6"	187'-10"	184'-7"	187'-10"	184'-7"	187'-10"	184'-11"	187'-11"	184'-11"
			210	186'-10"	192'-10"	192'-10"	189'-6"	192'-10"	189'-7"	192'-10"	189'-7"	192'-10"	189'-11"	192'-11"	189'-11"
			360	191'-11"	197'-2"	197'-2"	194'-9"	197'-2"	194'-10"	197'-2"	194'-10"	197'-2"	195'-6"	197'-6"	195'-6"
320°	10'	DL	110	190'-10"	196'-10"	196'-10"	193'-6"	196'-10"	193'-7"	196'-10"	193'-7"	196'-10"	193'-11"	196'-11"	193'-11"
			210	195'-10"	201'-10"	201'-10"	198'-6"	201'-10"	198'-7"	201'-10"	198'-7"	201'-10"	198'-11"	201'-11"	198'-11"
			360	200'-11"	206'-2"	206'-2"	199'-9"	206'-2"							



ROOF FRAMING PLAN
SCALE: 1/2 in = 1 ft



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<table border="1"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td></tr> </tbody> </table>				NO.	DESCRIPTION	BY	DATE																				
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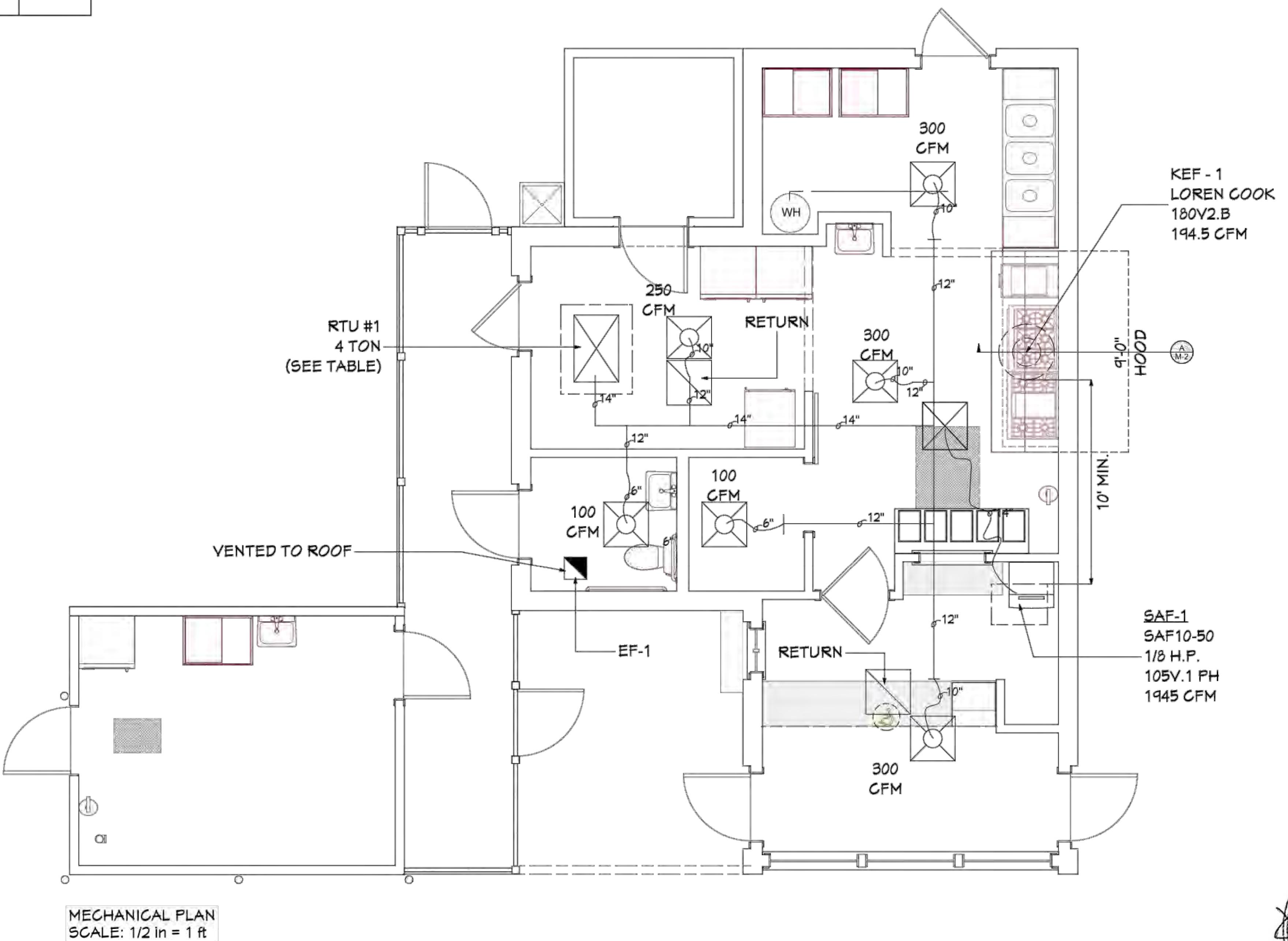


																																			
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HVAC EQUIPMENT SCHEDULE									
MARK	CFM	HEATING	A.G.A.	COOLING	EER	OSA	MAKE	MODEL	REMARKS
		INPUT	OUTPUT		TOTAL	SENSIBLE			
RTU-1	1350	10 KW	10 KW	100	36	28	13	DAIKIN	DSH0481D0000015 COOLING - 4 TON
							DAIKIN		HEATING - 10 KW

OUTSIDE AIR CALCULATION							
OCCUPANCY CLASSIFICATION	AREA OF SPACES (S.F.)	EST. PERSONS PER 1000 S.F.	REQ. VENTILATION (CFM/PERSON)	REQ. VENTILATION (CFM/S.F.)	REQ. TOTAL VENTILATION NEEDED (CFM)	PROVIDED VENTILATION (CFM)	REMARKS
COMMERCIAL RESTAURANT	688	--	--	0.7	482	500	
	688				482	500	TOTALS

FAN SCHEDULE								
MARK	CFM	SP	RPM	HP%	POWER	MAKE	MODEL	REMARKS
EF-1	100	0.05	1050	50 WATTS	115/160	FENN	Z6	



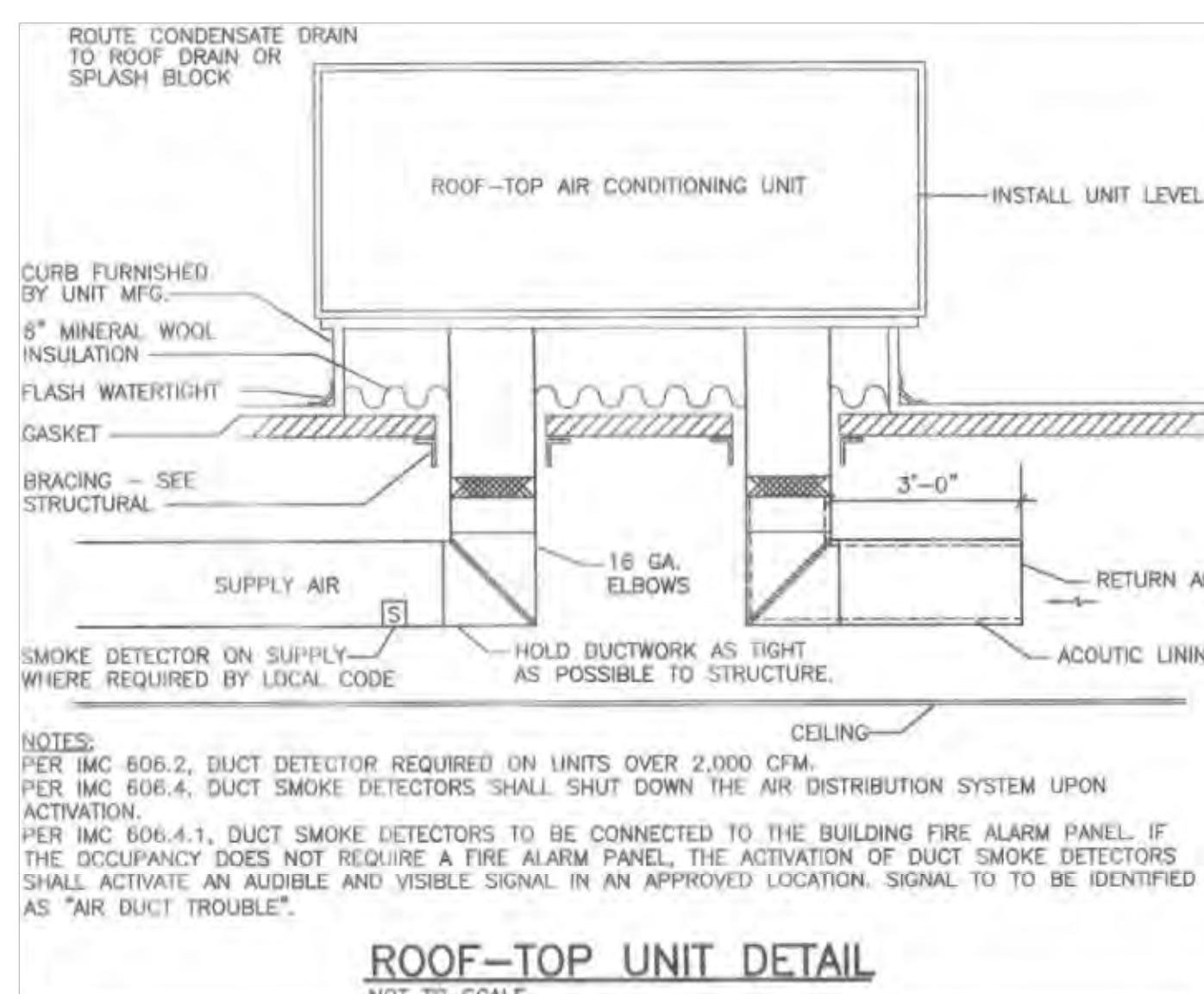
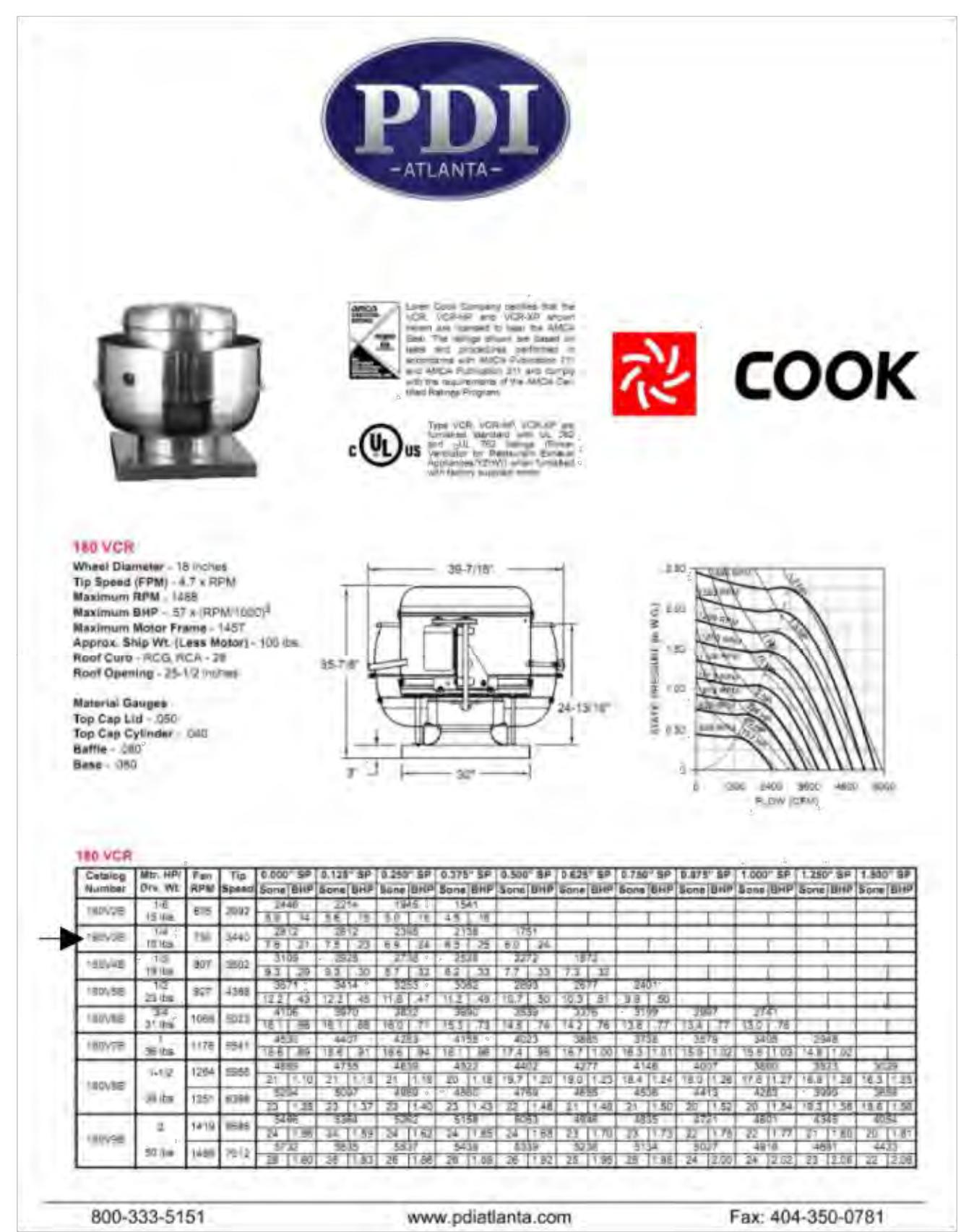
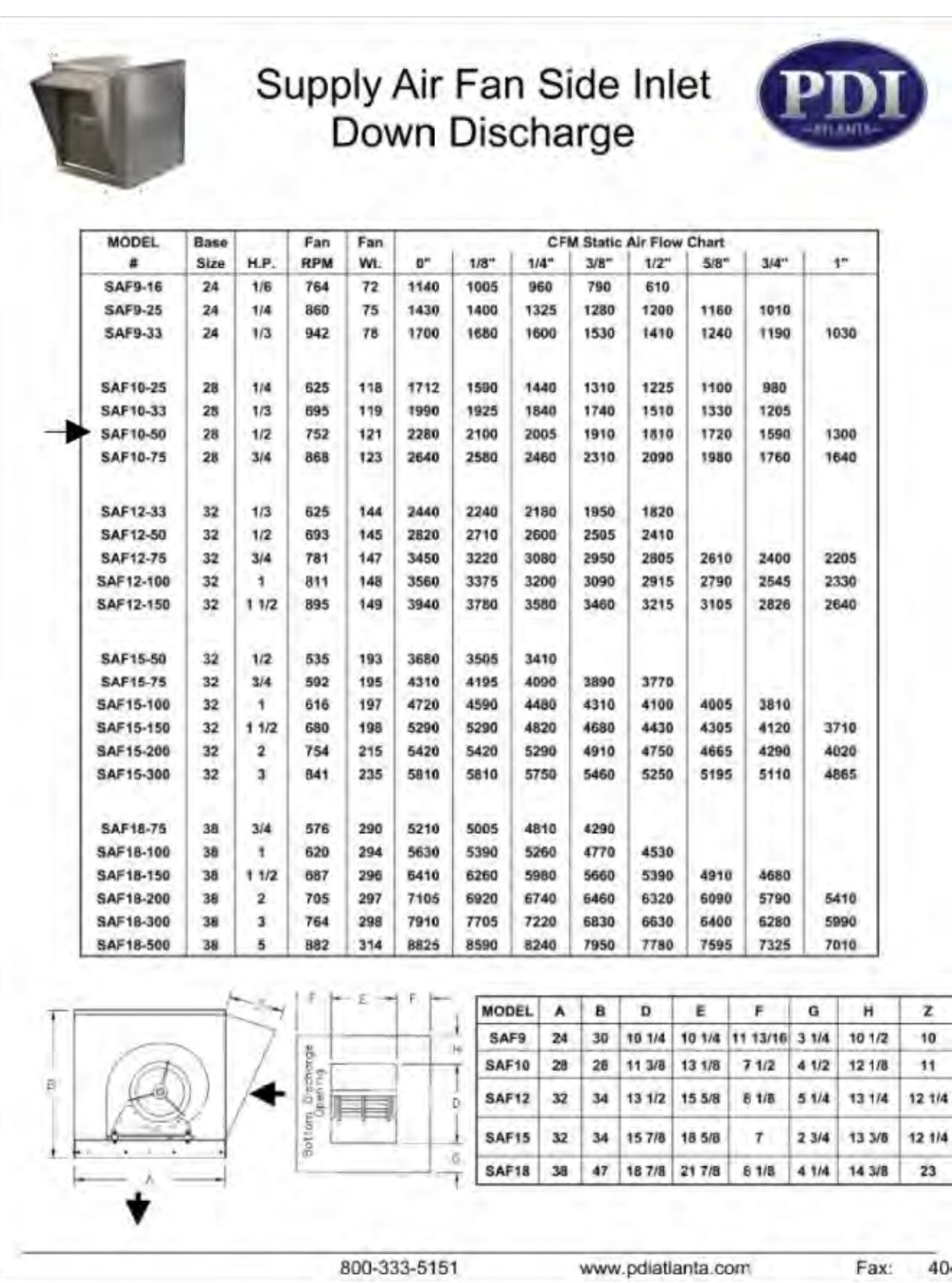
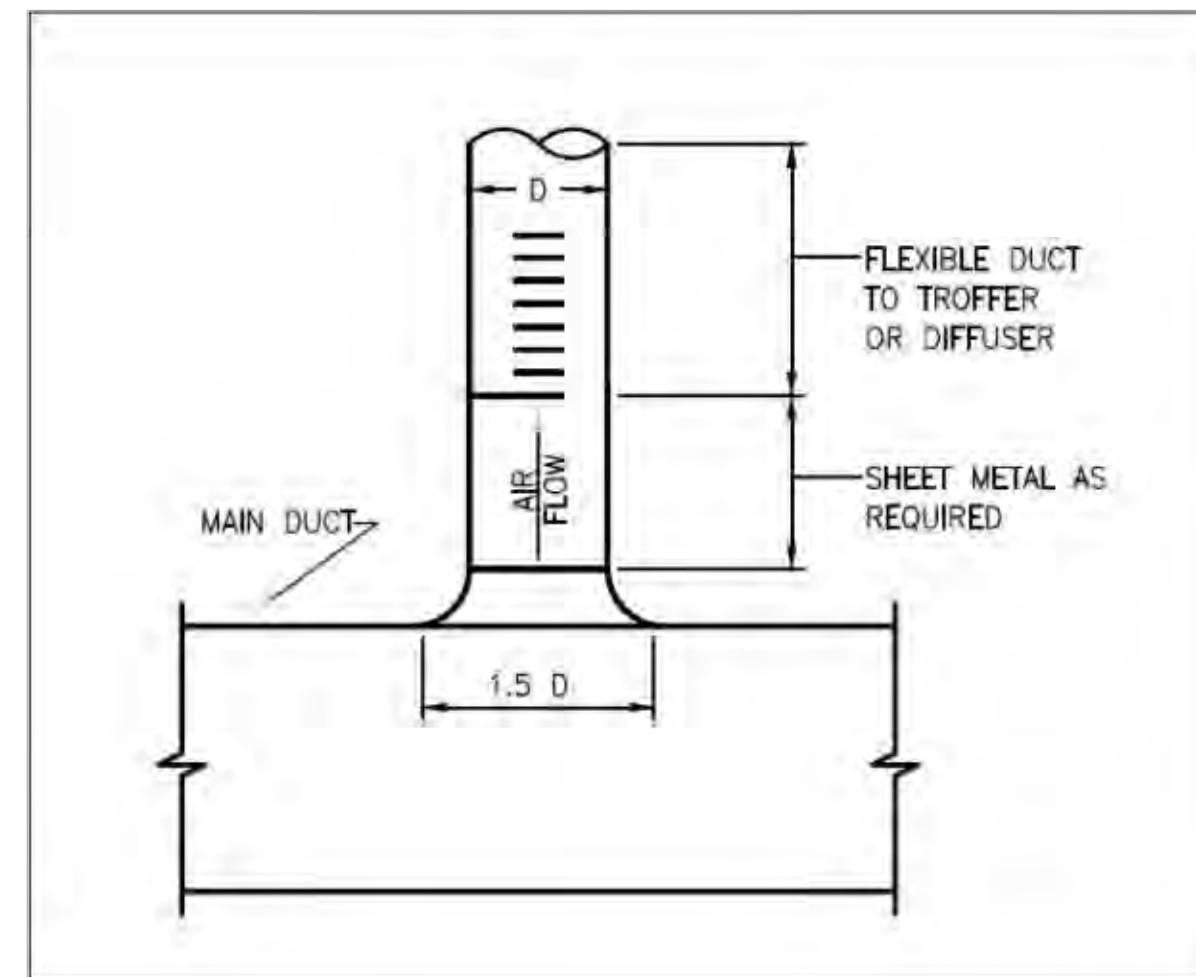
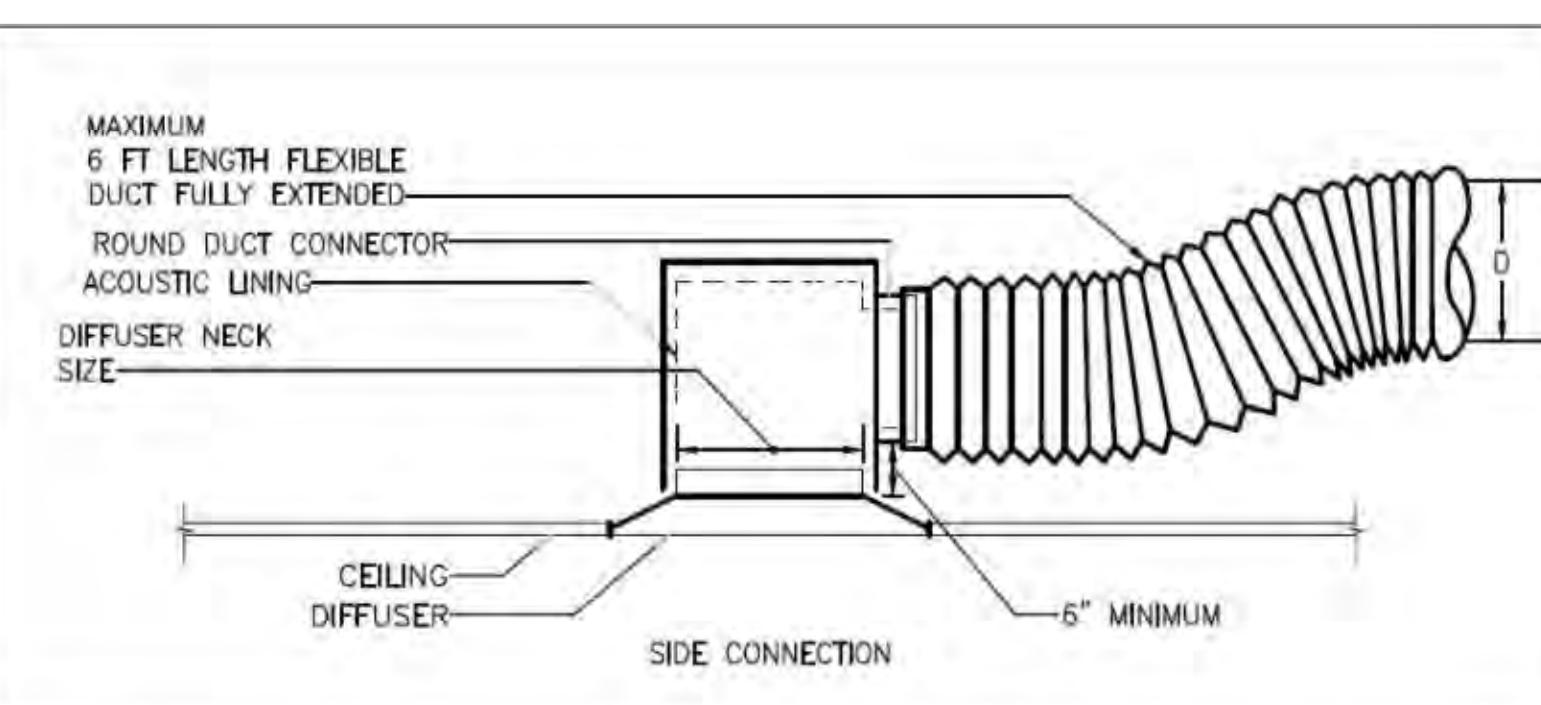
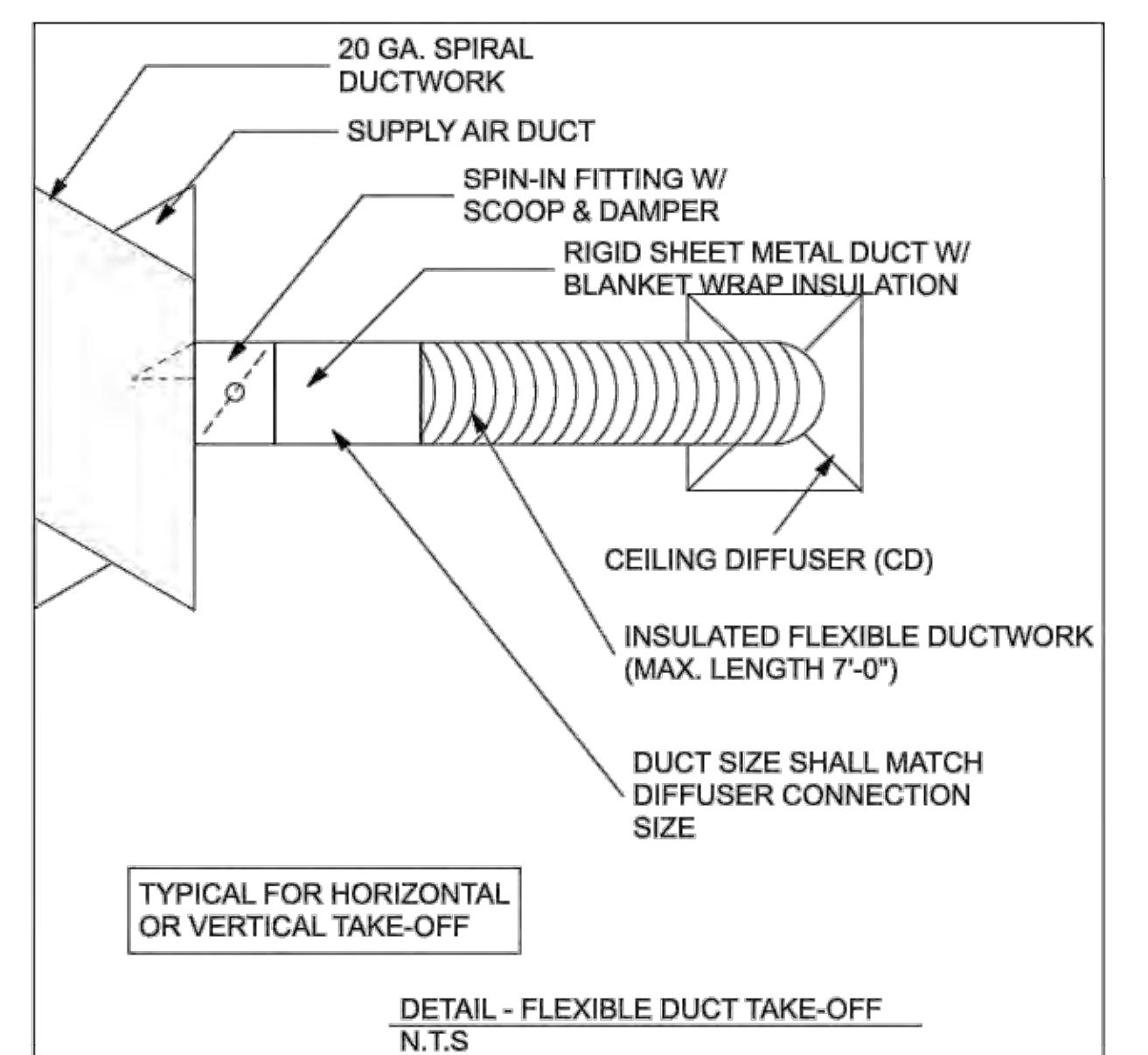
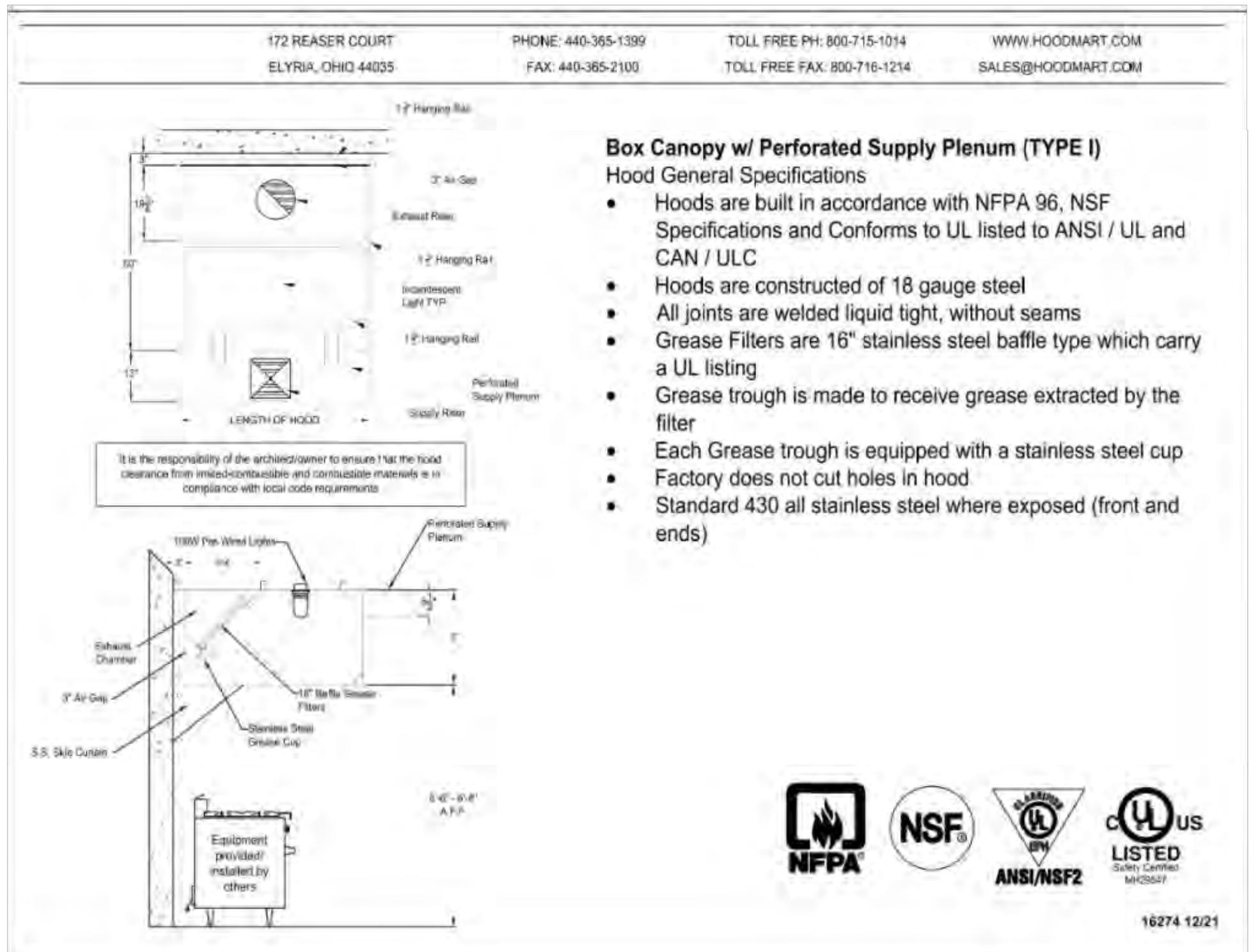
NOTES:

- HVAC SYSTEM INSTALLER SHALL FIELD VERIFY THE SITE CONDITIONS AND OBTAIN A SEPARATE INSTALLATION PERMIT FROM THE CITY OF ATLANTA BUILDING DEPARTMENT PRIOR TO START OF ANY WORK FOR THIS PROJECT.

RELEASED FOR CONSTRUCTION	
NO.	DESCRIPTION
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SHEET DESCRIPTION:	
MECHANICAL PLAN	
PROJECT DESCRIPTION & ADDRESS:	
DAT FIRE JERK CHICKEN NEW CONSTRUCTION 226 NORTHSIDE DRIVE ATLANTA, GEORGIA 30313	
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KEY DESIGNS / SHONA GRIFFIN 2617 CAROL CIRCLE DOUGLASSVILLE, GEORGIA 30135 KEYDESIGNS2007@YAHOO.COM 404-438-5447	
DATE:	
4/15/2025	
SCALE:	
SHEET:	
M-1	

[Handwritten signature over the stamp]

GEORGIA
REGISTERED
No. 18641
PROFESSIONAL
ENGINEER
LEROY LARK
404-438-5447

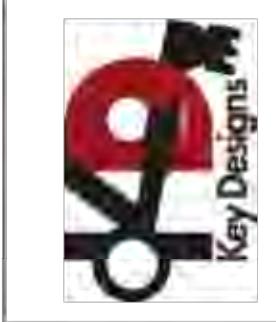


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MECHANICAL DETAILS

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DATE:	4/15/2025
SCALE:	
SHEET:	M-2

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MECHANICAL NOTES					
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DATE:		4/15/2025			
SCALE:					
SHEET:		M-4			
					
12. VIBRATION ISOLATION AND SEISMIC RESTRAINTS A. GENERAL 1) PROVIDE ISOLATION FOR EQUIPMENT, PIPING AND DUCTWORK. 2) INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. 3) PROVIDE LEVELING DEVICES AND APPROVED RESILIENT RESTRAINING DEVICES AS REQUIRED TO LIMIT EQUIPMENT AND PIPING MOTION IN EXCESS OF 1/4 IN. 4) ACCEPTABLE MANUFACTURERS MASON INDUSTRIES INC. b. VIBRATION ELIMINATOR CO. c. KORFUND DYNAMICS CORP. d. CEILING-HUNG FANS AND EQUIPMENT 1) PROVIDE SPRING HANGER ROD ISOLATORS, STEEL COMPRESSION SPRING AND NEOPRENE SOUND PAD WITHIN A STEEL RETAINER BOX SIMILAR TO MASON TYPE PCH. 2) 1 IN. MINIMUM STATIC DEFLECTION, 1/2 IN. MINIMUM RESERVE DEFLECTION. FACTORY-FRELOADED TO 75 PERCENT OF RATED LOAD. 3) PROVIDE SUPPLEMENTAL STEEL AS REQUIRED WHERE EQUIPMENT OR STRUCTURE CANNOT SUPPORT POINT LOADS. e. SEISMIC RESTRAINTS 1) PROVIDE SEISMIC RESTRAINTS FOR ALL MECHANICAL EQUIPMENT AS REQUIRED BY CODE. SEISMIC RESTRAINTS SHALL BE CAPABLE OF SAFELY ACCEPTING EXTERNAL FORCES AS REQUIRED BY CODE WITHOUT FAILURE, AND SHALL MAINTAIN EQUIPMENT, PIPING, CONDUIT, DUCT AND PRESSURE REDUCING BOXES IN A CAPTIVE POSITION. SEISMIC RESTRAINTS SHALL NOT SHORT CIRCUIT ISOLATION SYSTEMS OR TRANSMIT OBSTRUCTION VIBRATION OR NOISE, AND SHALL BE PROVIDED IN ALL EQUIPMENT SCHEDULES ON DRAWINGS. 2) SEISMIC RESTRAINTS a. SEISMIC RESTRAINT TYPE I: EACH CORNER OR SIDE SEISMIC RESTRAINT SHALL INCORPORATE MINIMUM 5/8 (6MM) THICK PAD LIMIT STOPS. RESTRAINTS SHALL BE MADE OF PLATE, STRUCTURAL MEMBERS OR SQUARE METAL TUBING IN WELDED ASSEMBLY, INCORPORATING RESILIENT PADS. ANGLE BUMPERS ARE NOT ACCEPTABLE. SYSTEM TO BE FIELD BOLTED TO DECK WITH MINIMUM 1/06 LOAD CAPACITY. SEISMICALLY RATED SPRING MOUNTINGS, SUCH AS MASON b. SEISMIC RESTRAINT, TYPE II: METAL CABLE TYPE WITH APPROVED AND FASTENING DEVICES TO EQUIPMENT AND STRUCTURE. SYSTEM TO BE FIELD BOLTED TO DECK OR OVERHEAD STRUCTURAL MEMBERS OR DECK WITH AIRCRAFT CABLE PER SMAGNA GUIDELINES. 13. KITCHEN EXHAUST SYSTEM A. KITCHEN HOOD EXHAUST DUCT INCLUDING FAN DISCHARGE TO ATMOSPHERE SHALL BE PROVIDED AS FOLLOWS: 1) MINIMUM NO. 1400 BLACK STEEL. 2) ALL SEAMS, JOINTS AND PENETRATIONS SHALL BE LIQUID TIGHT CONTINUOUS EXTERNAL ARC WELDED, EXCEPT WHERE THE DUCT STUB COLLAR OF THE HOOD IS CONNECTED TO THE EXHAUST DUCT. CONNECTION TO THE HOOD SHALL BE CONTINUOUS LIQUID TIGHT EXCEPT FOR ARC WELDED OR STAINLESS STEEL FLANGE PER ASME 2004 OR AS REQUIRED BY THE BUILDING DEPARTMENT. 3) ANGLE OF SPREADING SHALL BE MINIMUM 1/4 IN. (10 X 1/4 IN.) AT A MAXIMUM 4 FT. ON CENTERS AND IN ACCORDANCE WITH SMAGNA RECTANGULAR INDUSTRIAL DUCT CONSTRUCTION STANDARDS. 4) CLEANOUT DOORS SHALL BE PROVIDED ON HORIZONTAL DUCTS AND SHALL BE MOUNTED MAXIMUM 20 FT. APART AND AT EACH CHANGE OF DIRECTION. CLEANOUT DOORS ON HORIZONTAL DUCT SHALL BE MOUNTED ON SIDE OF DUCT. BOTTOM EDGE SHALL BE NOT LESS THAN 2 IN. ABOVE THE BOTTOM OF DUCT. CLEANOUT DOORS AT VERTICAL DUCTS SHALL BE MOUNTED AT BASE, DOOR AND FRAME SHALL BE SAME GAUGE AS DUCT. HINGES SHALL BE VENTLOCK NO. 260, EXTRA HEAVY ZINC PLATED, LATCHES SHALL BE VENTLOCK NO. 140, CAST ZINC. GASKETS SHALL BE BETWEEN DOOR AND FRAME. GASKETS SHALL BE 1/8 IN. DOUBLE THICKNESS RUBBER. CLEANOUT DOOR SIZE SHALL BE MAXIMUM 24 IN. AND MINIMUM SHALL BE 24 IN. ONE SIDE, AND OTHER SIDE SHALL BE 2 IN. LESS THAN DUCT SIZE. 5) ALL KITCHEN EXHAUST DUCTWORK SHALL BE SLOPED TOWARDS EXHAUST HOOD. B. ALL KITCHEN HOOD EXHAUST DUCTWORK SHALL BE INSULATED AS FOLLOWS: 1) INSULATION: CALCIUM SILICATE BLOCK. THE MAXIMUM K FACTOR SHALL BE 0.44 AT 300 DEGREES F MEAN TEMPERATURE WITH A MINIMUM DENSITY OF 12 LB. THE BLOCK SHALL BE SCORED AS REQUIRED TO FIT ROUND DUCTS AND EQUIPMENT. PROVIDE THICKNESS AS REQUIRED TO PROVIDE 2 HOUR FIRE RATING, NO LESS THAN 2 IN. MINIMUM THICKNESS. REQUIREMENT SHALL BE INSTALLED IN TWO EQUAL THICKNESS LAYERS WITH STAGGERED JOINTS ON SEAM. THE INSULATION SHALL BE ASBESTOS FREE AND BE SIMILAR TO MANVILLE THERMO-12. 2) FINISH: WHITE FINISHING AND INSULATING CEMENT. ONE (1) COAT SHALL BE APPLIED OVER HEXAGONAL WIRE MESH. THE CEMENT SHALL BE SIMILAR TO KEENE SUPERSLICK. C. KITCHEN EXHAUST FAN: FURNISHED BY OTHERS AND INSTALLED BY MECHANICAL CONTRACTOR. 14. PIPING - GENERAL REQUIREMENTS A. COMPLETE WITH PIPE FITTINGS, VALVES, STRAINERS, MOTORIZED VALVE OPERATORS, STRAINERS, HANGERS, SUPPORTS, GUIDE, SLEEVES, AND ACCESSORIES. B. ALL PIPING SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE FOLLOWING CODES AND STANDARDS: 1) AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) 2) AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) 3) AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) 4) MANUFACTURERS STANDARDIZATION SOCIETY OF THE VALVE AND FITTING INDUSTRY (MSS) C. ALL PRESSURIZED PIPING TO BE TESTED HYDROSTATICALLY TO 150 PSI OR 150 PERCENT OF OPERATING PRESSURE, WHICHEVER IS GREATER, BUT NEVER EXCEED TEST PRESSURE ANSI B16.1 BASIS. TEST DURATION TO BE 2 HOURS WITH NO PRESSURE CHANGE CORRECTED FOR TEMPERATURE CHANGE. REPAIR OR REPLACE LEAKS OR DEFECTS WITHOUT ADDITIONAL TEST. D. PROVIDE DIELECTRIC FITTINGS WHERE DISSIMILAR METALS ARE TO BE JOINED. E. PIPE SUPPORTS 1) PROVIDE ADEQUATE SUPPORT FOR PIPE AND CONTENTS TO PREVENT SAGGING, VIBRATION, OR SWAYING AND ALLOW FOR EXPANSION AND CONTRACTION. PROVIDE SUPPLEMENTAL STEEL AS REQUIRED WHERE STRUCTURE CANNOT SUPPORT POINT LOADS. 2) HORIZONTAL PIPING TO BE SUPPORTED BY FORGED STEEL ADJUSTABLE CLEVIS TYPE HANGER. MAXIMUM SPACING AS FOLLOWS: a. COPPER 3 IN. AND SMALLER: 7 FT. b. ADDITIONAL SUPPORTS AT CHANGES IN DIRECTION, RUNOUTS, AND CONCENTRATED LOADS DUE TO VALVES, ETC. c. ADDITIONAL SUPPORTS AT CHANGES IN DIRECTION, RUNOUTS, AND CONCENTRATED LOADS DUE TO VALVES, ETC. 3) VERTICAL PIPING a. BASE ELBOW SUPPORT WITH BEARING PLATE ON STRUCTURAL SUPPORT b. GUIDES AT EVERY SECOND FLOOR (SPACING NOT TO EXCEED 25 FT.) c. TOW SUPPORT HANGER OR SADDLE IN HORIZONTAL CONNECTION WITH PROVISIONS FOR EXPANSION. d. INTERMEDIATE STEEL RISER CLAMP SUPPORT BOLTED AND WELDED TO PIPE BEARING ON STRUCTURAL STEEL OR BEARING PLATE AT FLOOR. 15. CONDENSATE DRAIN PIPING A. PIPE: ASTM B80, HARD DRAWN COPPER TUBING TYPE "L". B. FITTINGS: SOLDERED JOINT FITTINGS, #8 SOLDER. C. FITCH EXCEPT AS NOTED. 1) 1 1/2 IN. IN. IN. PREFERRED. 2) 1 1/2 IN. 8 FT. MINIMUM. D. SWING CHECK VALVE: AT CONDENSATE PUMP DISCHARGE. 300 LB WOG, BRONZE BODY SOLDER ENDS, REGRIND BRONZE DISC TO BE USED WITH COPPER TUBING. JENKINS FIG. 1222. 16. REFRIGERANT PIPING 1) PIPE: COPPER ACR IN ACCORDANCE WITH STM B20. 2) FITTINGS: KROUGHT COPPER WITH SILVER BRAZING ALLOY SOLDER SIMILAR TO HANDY AND HARMAN EASY-FLO. 17. MOTORS A. MOTORS (UNDER HVAC WORK): IN ACCORDANCE WITH NEMA, IEEE AND ANSI C50 STANDARDS. 1) STANDARD EFFICIENCY UNLESS OTHERWISE NOTED. 2) 1.15 SERVICE FACTOR 3) SQUIRREL CAGE INDUCTION, OPEN DRIP-PROOF TYPE, 1750 RPM, NEMA TYPE B INSULATION CLASS, CONTINUOUS DUTY, EXCEPT AS NOTED. 18. MOTOR CONTROLLERS A. PROVIDED BY HVAC CONTRACTOR AND INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR. B. NEMA ENCLOSURE, WEATHERPROOF WHERE MOUNTED OUTDOORS. C. WITH OVERLOAD PROTECTION, COORDINATE ALL MOTOR CONTROLLER TYPES AND SIZES WITH MOTOR TYPES AND SIZES. D. 1/2 HP AND LARGER: PROVIDE MAGNETIC STARTER. 1) COMBINATION UNFUSED DISCONNECT SWITCH AND MAGNETIC STARTER EXCEPT AS NOTED. 2) OVERLOAD PROTECTION IN EACH PHASE LEG WITH RESET IN ENCLOSURE. 3) HOA SELECTOR SWITCH FOR AUTOMATICALLY OPERATED MOTORS. SAFETY CONTROLS COMMON TO BOTH CONTROLS. 4) RED, GREEN AND AMBER PILOT LIGHTS. 5) SWITCHES: HORSE-POWER-RATED, EXTERNAL PADLOCKING TYPE. 6) HOLDING COIL: 10 WATT, 120 VOLT. 7) CONTACTS: MIN. LINE AND MINIMUM (2) - NORMALLY OPEN, (2) - NORMALLY CLOSED 10 AMP AUXILIARIES, IN ADDITION TO OVERLOAD PROTECTION AS SPECIFIED. 8) CONTROL TRANSFORMERS: FOR MOTORS OVER 120 VOLTS, TO STEP DOWN CONTROL VOLTAGE TO 120 VOLTS; OF THE REQUIRED CAPACITY, WITH FUSE AND GROUND CONNECTION ON VOLTAGE SIDE. 4) FUSES: SIMILAR TO BUSSMAN. 10) RELAYS TO SUPPLEMENT AUXILIARY CONTACTS IN CONTROLLER, MINIMUM 10-WATT COIL AND TWO 10 AMP CONTACTS. 11) TERMINALS: SUITABLE FOR CONDUCTORS NOTED AND AS APPROVED. F. ACCEPTABLE MANUFACTURERS 1) CUTLER-HAMMER 2) SCHNEIDER 3) ALLEN BRADLEY 19. SMOKE DETECTOR A. THE ELECTRICAL CONTRACTOR SHALL SUPPLY DUCT MOUNTED IONIZATION-TYPE SMOKE DETECTORS AND PROVIDE ALL WIRING. B. THIS CONTRACTOR SHALL INSTALL THE SMOKE DETECTOR IN THE DUCT AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL NOT OVERSTAY A SMOKE DETECTOR IN A LOCUS WHERE ITS OPERATING RANGE (TYPICALLY 30-100 DEGREES F) WILL BE EXCEEDED. C. THE SUPPLY FAN AND ALL ASSOCIATED EQUIPMENT SHALL STOP AND ALL DAMPERS SHALL RETURN TO THEIR "NORMAL" POSITION IF PRODUCTS OF COMBUSTION ARE DETECTED. RESET FOR THE SMOKE DETECTOR SHALL BE AT THE FIRE ALARM PANEL (OR FIRE COMMAND STATION). D. THIS CONTRACTOR SHALL ASSIST THE ELECTRICAL CONTRACTOR IN TESTING THE DUCT-MOUNTED SMOKE DETECTION SYSTEM.					

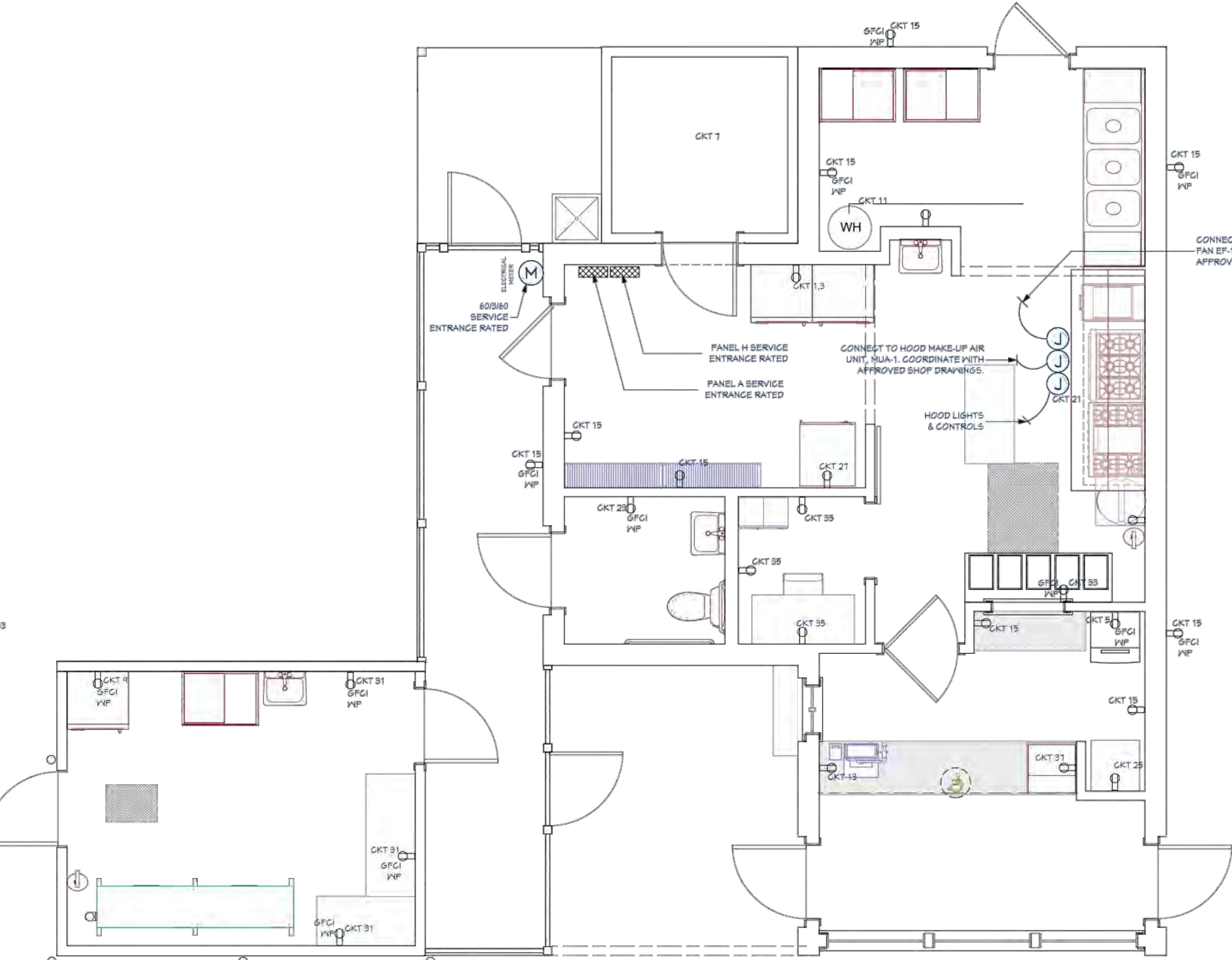
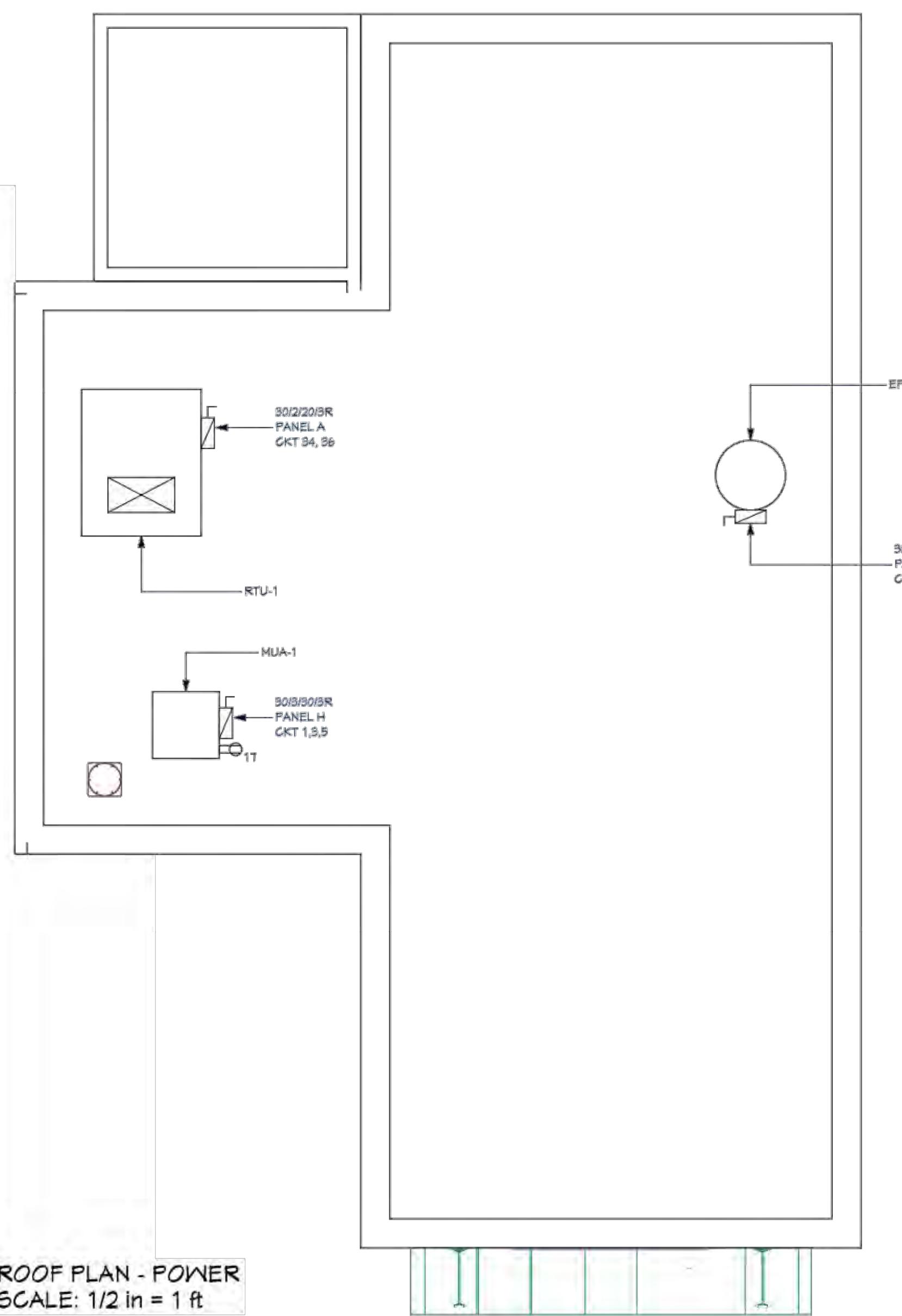
20. EQUIPMENT					
A. FANS 1) GENERAL (APPLIES TO ALL FAN TYPES EXCEPT AS NOTED). a. PROVIDE CENTRIFUGAL TYPE, NON-OVERLOADING DESIGN EXCEPT AS NOTED WITH MINIMUM CAPACITIES AS NOTED AND WITH CERTIFIED RATINGS BY AMCA. WHEEL SHALL BE FACTORY BALANCED STATICALLY AND DYNAMICALLY. BRAKE HORSEPOWER RATINGS SHALL NOT BE MORE THAN 5 PERCENT ABOVE WHAT IS NOTED ON DRAWINGS. DRIVES SHALL BE MATCHED, MULTIPLE V-BELT DRIVE UNLESS OTHERWISE NOTED WITH MINIMUM CAPACITY OF 1.4 TIMES RATED MOTOR HP. FULLEYS SHALL BE CAST IRON. b. MOTOR PULLEY SHALL BE VARIABLE PITCH DIAMETER EXCEPT FANS WITH VARIABLE INLET VANES. SUPPLY AND INSTALL ONE FIXED PITCH PULLEY CHARGE AS REQUIRED PER FAN TO BALANCE SYSTEMS. COMPANION SHEAVES SHALL MAINTAIN BELTS PARALLEL. BELT GUARDS SHALL BE IN COMPLIANCE WITH OSHA REGULATIONS AND WITH TACHOMETER OPENING FOR FAN SPEED MEASUREMENTS. MANUFACTURER SHALL PROVIDE REPLACEMENT FIXED PITCHED SHEAVES WHERE NEEDED TO BALANCE SYSTEM. c. PROVIDE REMOVABLE FLANGED SCREWS AT INLETS OR OUTLETS WHERE NO CONNECTING DUCTWORK IS INDICATED. d. USE BEARING BALL, ROLLER OR TAPER. PROVIDE PRESSURE TYPE LUBRICATING FITTINGS WITH PRESSURE RELIEF FITTINGS EXTENDED TO ACCESSIBLE LOCATIONS. MINIMUM 1-10 LIFE RATING; 50,000 HOURS PER AFBCA STANDARD B-10 OR 25,000 HOURS AVERAGE (B-50) LIFE AT MAXIMUM CATALOG RATING. e) ROOF MOUNTED CENTRIFUGAL EXHAUST FANS SHALL BE OF SPUN ALUMINUM CONSTRUCTION WITH BACKWARD INCLINED, NON-OVERLOADING FAN WHEELS, ADJUSTABLE BELT DRIVE OR DIRECT DRIVE, MOTOR OUT OF AIR STREAM, INTERNAL VIBRATION ISOLATION, BIRD SCREEN, PREFABRICATED ROOF CURB, SELF-ACTING BACKDRAFT DAMPER AND MOTOR DISCONNECT SWITCH. SIMILAR TO FENN VENTILATOR DOMEX DX. f) FLANGE BACKDRAFT DAMPER FOR NON-DUCTED DISCHARGE AND WEATHER COVER FOR OUTDOOR INSTALLATION. PROVIDE V-BELT DRIVEN WITH ADJUSTABLE PULLEYS AND OPEN DRIP PROOF MOTORS. PROVIDE FANS WITH VIBRATION ISOLATORS. PROVIDE PRE-FABRICATED EQUIPMENT CURBS FOR ROOF MOUNTING. FANS SHALL BE SIMILAR TO FENN VENTILATOR DYNAMO. 21. AUTOMATIC CONTROLS - GENERAL REQUIREMENTS A. FURNISH AND INSTALL A COMPLETE ELECTRIC OR ELECTRONIC CONTROL SYSTEM TO PROVIDE TEMPERATURE CONTROL AS SPECIFIED UNDER DESCRIPTION OF OPERATION. B. WORK SHALL INCLUDE ALL WIRING, CONTROL EQUIPMENT, AND ACCESSORIES NECESSARY TO MAKE THIS SYSTEM COMPLETE. ALL WORK SHALL BE COORDINATE WITH CONTRACTOR AND MANUFACTURER FOR INTERCONNECTION WITH CONTROLS INCLUDED IN EQUIPMENT. ALL CONTROL WORK SHALL BE INSTALLED BY THE HVAC CONTRACTOR. C. ACCEPTABLE MANUFACTURERS 1) CARRIER CONTROL UNIT D. THERMOSTATS 1) KITCHEN THERMOSTAT SHALL BE 7-DAY PROGRAMMABLE THERMOSTAT MODEL B3CSCSFTN-02. LANDLORD REQUIREMENTS VERIFY ALL DEMOLITION WITH BUILDING OWNER TO BID AND START OF WORK. CONTRACTOR IS RESPONSIBLE FOR ALL WORK REQUIRED BY THE LANDLORD NOT SHOWN ON THESE PLANS. VERIFY ANY WORK REQUIRED TO PROTECT LANDLORD AND TENANT FIRE ALARM/LIFE SAFETY SYSTEM WIRING AND DEVICES, DUCTWORK, PLUMBING, COMMUNICATE SYSTEM WIRING, ETC. DURING DEMOLITION AND NEW CONSTRUCTION WITH BUILDING OWNER AND THE TENANT'S DESIGNER PRIOR TO BID/START OF WORK. ALL ROOFING WORK SHALL BE PERFORMED BY THE LANDLORD'S ROOFER. CONTRACTOR SHALL COORDINATE STRUCTURAL REVIEW WITH BUILDING OWNER. ALL ROOFTOP EQUIPMENT MUST BE STENCILED WITH TENANT'S NAME AND SPACE NUMBER WITH EXTERIOR GRADE PAINT. PROVIDE ROOF PROTECTION PADES AROUND ALL ROOFTOP EQUIPMENT AND UNDER ALL PIPING AND CONDUIT SUPPORTS. VERIFY CONNECTIONS REQUIREMENTS AND POINT AND SIZES OF CONNECTIONS TO THE LANDLORD'S SANITARY WASTE, GREASE WASTE, VENT, WATER AND GAS TRAPS BUILDING OWNER PRIOR TO BID. VERIFY LANDLORD APPROVED METHODS FOR ATTACHING TO THE BUILDING STRUCTURE FOR ALL HVAC, PIPING AND ELECTRICAL EQUIPMENT. ATTACHING TO THE ROOF DECK IS NOT ACCEPTED. PROVIDE ACCESS TO ALL LANDLORD'S EQUIPMENT LOCATED WITHIN THE TENANT'S SPACE. VERIFY WATER METER REQUIREMENTS WITH THE LOCAL UTILITY COMPANY PRIOR TO BID. METER MUST READ IN GALLONS. METER MUST BE INSTALLED NO MORE THAN 4-0' AFF. WATER METER MUST ALSO BE INSTALLED IN ACCORDANCE WITH ARTESIAN REQUIREMENTS. CONTRACTOR SHALL COORDINATE WITH THE LANDLORD'S DESIGN CRITERIA. FURNISH SHOP DRAWINGS FOR ALL EQUIPMENT TO THE LANDLORD AND THE ENGINEER FOR REVIEW.					

PANEL: A	LOCATION: BACK OF HOUSE	208/120 VOLTS / 3 PHASE / 4 WIRE	MAIN BUS: 200 AMPS / NEUTRAL: 100							
		MOUNTING:	MAIN LUGS ONLY							
		• SURFACE	MAIN SKR: 150 AMPS							
		• FLUSH	PROVIDE WITH FEED - THRU LUGS							
		• ISOL GND BUS	AIC: 18,000 AMPS							
			- SHUNT TRIP BRKR							
CRT #	TRIP/POLE	DESCRIPTION OF LOAD	WIRE & GND SIZE	LOAD PER PHASE (VA) (VA)	LOAD (VA)	WIRE & GND SIZE	DESCRIPTION OF LOAD	TRIP/POLE	CRT	
				A B C						
1	20/1	REACH-IN FREEZER	20A	1080 1080	0	50B	SPARE	50/2	2	
3	20/1	REACH-IN FREEZER	20A	1080	1080	0			4	
5	20/1	ICE MAKER	20A	660	660	0	20B	SPARE	15/2	5
7	20/1	WALK-IN FRIDGE	20A	4800 4800	0				9	
9	20/1	UP-RIGHT FRIDGE	20A	1080	1450	350	20B	MICROWAVE	20/2	10
11	20/1	GAS WATER HEATER CONTROLS	20A	200	1050	050			12	
13	20/1	FOS-1	20A	200 200	0	20B	SPARE	20/2	14	
15	20/1	RECP-CONVENIENCE	20A	540	540	0			16	
17	20/1	RECP-ROOFTOP	20A	360	560	0	20B	SPARE	20/2	18
19	20/1	LIGHTING CONTRACTOR	20A	200 200	0				20	
21	20/1	EXHAUST HOOD LTS/CONTROLS	20A	400	400	0	30B	SPARE	50/2	22
23	20/1	RECP - TOILET ROOMS	20A	360	360	0			24	
25	20/1	DRINK COOLER	20A	864	864	0	30B	SPARE	50/2	26
27	20/1	FOOD WARMER	20A	1500	1500	0			28	
29	20/1	LIGHTING SMOKEHOUSE	20A	1200	1200	0	20B	SPARE	20/2	30
31	20/1	RECP-SMOKEHOUSE	20A	360 360	0				32	
33	20/1	STEAM TABLE	20A	5150	5150	0	20B	ROOF TOP UNIT	20/2	34
35	20/1	RECP-OFFICE	20A	360	360	0			36	
37	20/1	COUNTERTOP WARMER	20A	1200	1200	0		SPARE	20/1	38
39	20/1	LIGHTING - EXTERIOR	20A	720	720	0		SPARE	20/1	40
41	20/1	LIGHTING-EXIT SIGN	20A	100	100	0		SPARE	20/1	42
43	20/1	SPARE	20A	0	1135	1135	20A	LIGHTING - SERVICE COUNTER	20/1	44
45	20/1	SPARE	20A	0	1200	1200	20A	LIGHTING - COUNTER	20/1	46
47	20/1	SPARE	0	0	0	0	20A	SPARE	20/1	48
49	35/2	HOOD EXHAUST FAN EF-1	40D	2102	2102	0	20A	SPARE	20/1	50
51				2102	2102	0		SPARE	20/1	52
53				2102	3422	1520	20A	LIGHTING KITCHEN	20/1	54
		TOTAL BY PHASE	11441	13222	7512					
		TOTAL CONNECTED LOAD = 32675 VA						SPARE = 10%		
		TOTAL CONNECTED AMP = 136 AMPS								
								TOTAL DEMAND LOAD = 21670 VA		
								TOTAL DEMAND AMPS = 90 AMPS		

PANEL: H LOCATION: BACK OF HOUSE			208/120 VOLTS / 3 PHASE / 4 WIRE MOUNTING: ○ SURFACE ○ FLUSH ○ ISOL GND BUS						MAIN BUS: 100 AMPS / NEUTRAL: 100% ○ MAIN LUGS ONLY ○ MAIN BKR: 100 AMPS ○ PROVIDE WITH FEED - THRU LUGS AIC: 10,000 AMPS			
CKT #	TRIP/ POLE	DESCRIPTION OF LOAD	WIRE & COND SIZE	LOAD (VA)	PER PHASE			LOAD (VA)	WIRE & COND SIZE	DESCRIPTION OF LOAD	TRIP/POLE	CKT #
					A	B	C					
1	30/3	MUA-1	300D	2522	3302			780	20B	AC-1	15/2	2
3				2522	3302			780				4
5				2522			2522	0		SPACE ONLY		6
7		SPACE ONLY		0	0			0				8
9				0		0		0		SPACE ONLY		10
11				0			0	0				12
13		SPACE ONLY		0	0			0		SPACE ONLY		14
15		SPACE ONLY		0		0		0				16
17		SPACE ONLY		0			0	0		SPACE ONLY		18
TOTAL BY PHASE				3302	3302	2522						

ELECTRICAL LOAD SUMMARY				
TENANT VOLTAGE:	208 VOLTS	5 PHASE	AREA:	1240 SQ. FT.
LOADS	CONNECTED VA	DEMAND FACTOR	DESIGN VA	
LIGHTING	5875	125%		3594
RECEPTACLES	1480	100% FOR FIRST 10KW 50% THEREAFTER		1480
HEATING	0	0		0
AIR CONDITIONING	18251	100%		18251
MISCELLANOUS	200	100%		200
KITCHEN EQUIPMENT	24620	65%		16003
SUBTOTAL	50926			40026
SPARE @ 20%	10185			8006
TOTALS:	61111			48034
VA PER SQUARE FOOT	49			39
CONNECTED AMPS = 136			DESIGN AMPS = 90	

RELEASED FOR CONSTRUCTION



POWER PLAN
SCALE: 1/2 in = 1 ft

The logo for Key Designs is located in the top left corner. It features a stylized icon of a key, with a red head and a black shank and bow. To the right of the icon, the word "Key" is written in a bold, black, sans-serif font, and "Designs" is written in a smaller, regular black font below it. The entire logo is contained within a thin black rectangular border.

ELECTRICAL POWER PLAN

SHEET DESCRIPTION:

DESCRIPTION & ADDRESS:

NGS PROVIDED BY:
Y DESIGNS / SHONA GRIFFIN
2617 CAROL CIRCLE
UGLASSVILLE, GEORGIA 30135
DESIGNS2007@YAHOO.COM
404-438-5497

DATE:

SCALE:

SHEET:

E-1

POWER GENERAL NOTES:

1. REFER TO LIGHT FIXTURE SCHEDULE ON SHEET E-2 AND ARCHITECTURAL REFLECTED CEILING PLAN.
2. COORDINATE FIXTURE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLAN.

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	CATALOG	LAMPS	WATTS	VOLTS	MOUNT	NOTES
A	KITCHEN TROFFER 2X2 RECESSED, 3 LAMP	LITHONIA	CPX 2X2 3200LM 40K M4	LED	31.5	120	RECESSED	
B	KITCHEN TROFFER 2X4 RECESSED, 3 LAMP	LITHONIA	CPX 2X4 AL08 SWNT M2	LED	50.5	120	RECESSED	
C	20" FARMHOUSE PENDANT LIGHT	CARSON STEEL LIGHTING	THE CARSON	LED	22	120	CEILING	
D	16" GOOSENECK 9" DOME	CARSON STEEL LIGHTING	THE VENICE	LED	22	120	WALL	
E	11" GOOSENECK	CARSON STEEL LIGHTING	THE TOPANGA	LED	22	120	WALL	

ELECTRICAL LEGEND	
	2x4 RECESSED FLUORESCENT LIGHT FIXTURE
	2x2 RECESSED FLUORESCENT LIGHT FIXTURE
	110V DUPLEX GFCI RECEPTACLES
	110V DUPLEX GFCI RECEPTACLES
	CEILING-MOUNTED LIGHT FIXTURE
	SINGLE-POLE SWITCH
	3-WAY SWITCH
	4-WAY SWITCH
	WEATHER-PROOF SWITCH
	ELECTRICAL METER
	WALL-MOUNTED ELECTRICAL PANEL BOX
	THERMOSTAT

RELEASED FOR CONSTRUCTION



NO.	DESCRIPTION	BY	DATE

**ELECTRICAL
LIGHTING PLAN**

SHEET DESCRIPTION:

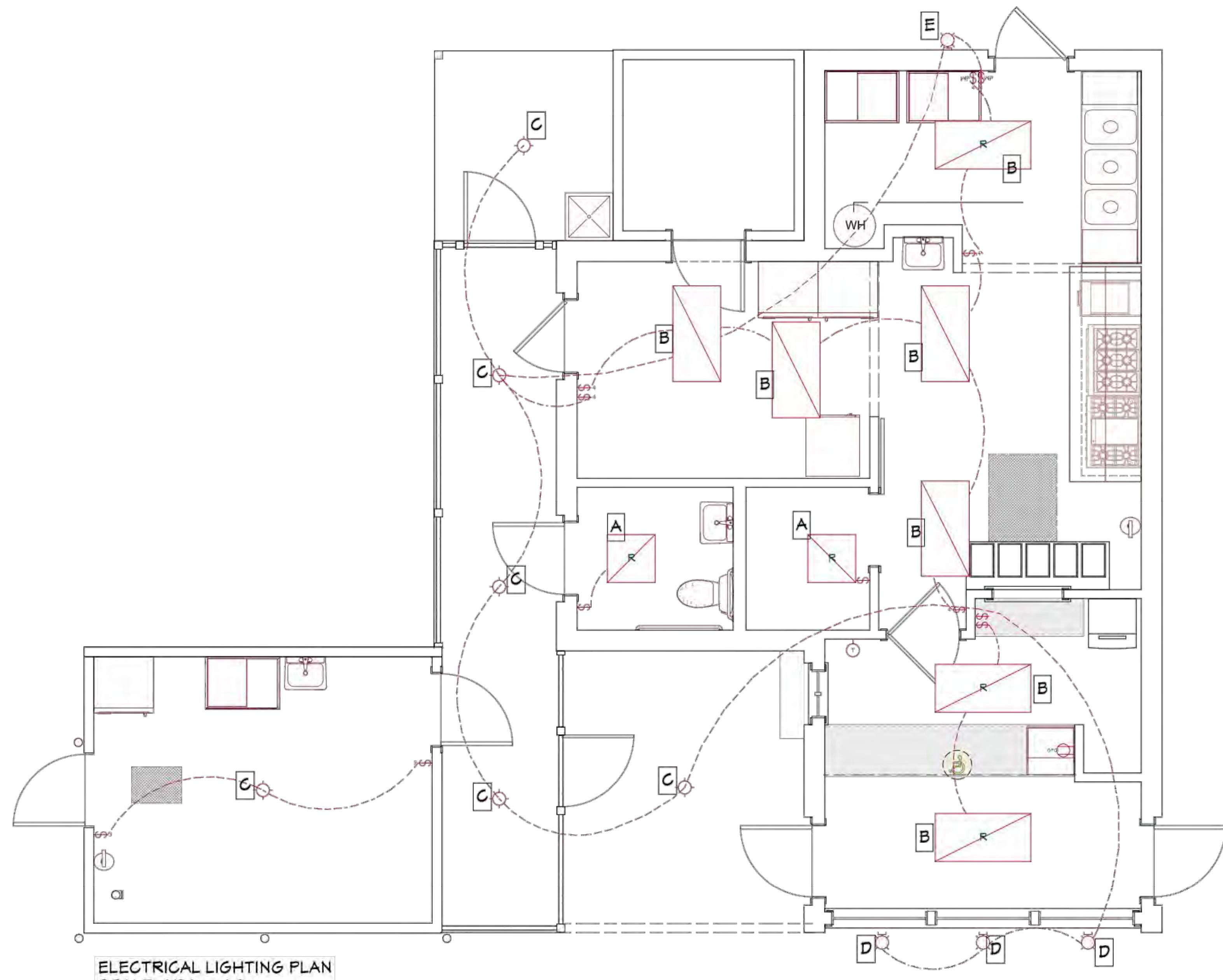
PROJECT DESCRIPTION & ADDRESS:
DAT FIRE JERK CHICKEN
NEW CONSTRUCTION
226 NORTHSIDE DRIVE
ATLANTA, GEORGIA 30313

DRAWINGS PROVIDED BY:
KEY DESIGNS / SHONA GRIFFIN
2611 CAROL CIRCLE
DOUGLASSVILLE, GEORGIA 30135
KEYDESIGNS2007@YAHOO.COM
404-438-5497

DATE:
4/15/2025

SCALE:
1/2 in = 1 ft

SHEET:
E-2



ELECTRICAL GENERAL NOTES

1. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK. FOLLOW DRAWINGS IN LAYING OUT WORK AND CHECK DRAWINGS OF OTHER TRADES TO VERIFY CONDITIONS, MAINTAIN HEADROOM AND SPACE CONDITIONS.

2. SECURE ALL SUPPORTS TO BUILDING STRUCTURE UTILIZING TOGGLE BOLTS (HOLLOW MASONRY), EXPANSION SHIELDS OR INSERTS (CONCRETE AND BRICK), MACHINE SCREWS (METAL), BEAM CLAMPS (FRAMEWORK), WOOD SCREWS (WOOD) OR FAN THRU STRAPS (METAL DECK). NAILS, RAIL PLUGS AND WOOD PLUGS ARE NOT PERMITTED. WHERE REQUIRED BY STRUCTURE, PROVIDE THIN BOLTS AND RAIL PLATES. SUPPORT HORIZONTAL RUNS OF METALLIC RACEWAYS NOT MORE THAN 10 FT. APART; SUPPORT RACEWAY RISERS AT EACH FLOOR LEVEL. RUN EXPOSED RACEWAYS PARALLEL WITH OR AT 45° ANGLES TO WALLS.

3. PASS RACEWAYS OVER WATER, STEAM OR OTHER PIPING WHEN FULL BOXES ARE NOT REQUIRED. NO RACEWAY WITHIN 6 INCHES OF STEAM OR HOT WATER PIPES OR APPLIANCES (EXCEPT PIP CROSSINGS WHERE RACEWAY SHALL BE AT LEAST 3 INCH FROM PIPE COVERS).

4. CUT CONDUIT ENDS SQUARE, REAM SMOOTH, PAINT MALE THREAD OF FIELD THREADED RACEWAYS WITH GRAPHITE BASE PIPE COMPOUND. DRAIN UP TIGHT WITH RACEWAY COUPLING.

5. HORIZONTAL OR CROSS RUNS IN PARTITIONS AND WALLS ARE NOT PERMITTED. DO NOT RUN CONDUIT IN PRECAST ROOF SLABS, IN 2 INCH SLAB, OR IN TERRAZZO FLOOR FINISH.

6. LEAVE WIRE WITH SUFFICIENT SLACK TO PERMIT MAKING FINAL CONNECTIONS. RACEWAYS OVER 10 FT. LONG IN WHICH WIRING IS NOT INSTALLED FURNISH WIRE.

7. SET BOXES SQUARE AND TRUE WITH BUILDING FINISH, ERECT WALL AND SWITCH OUTLETS IN ADVANCE OF FURRING AND FIREPROOFING, SECURE TO BUILDING STRUCTURE BY ADJUSTABLE STRAP IRONS.

8. VERIFY LOCATIONS OF OUTLETS AND SWITCHES IN FINISHED ROOMS WITH ARCHITECTURAL DRAWINGS OF INTERIOR DETAILS AND FINISH. IN CENTERING OUTLETS AND LOCATING BOXES AND OUTLETS, ALLOW FOR OVERHEAD PIPES, DUCTS AND MECHANICAL EQUIPMENT, VARIATIONS IN FIREPROOFING AND PLASTERING, WINDOW AND DOOR TRIM, PANELING, HUNG CEILINGS AND THE LIKE. CORRECT AND INACCURACY RESULTING FROM FAILURE TO DO SO WITHOUT EXPENSE TO OWNER.

9. LOCATIONS INDICATED FOR LOCAL WALL SWITCHES ARE SUBJECT TO MODIFICATIONS AT OR NEAR DOORS. COORDINATE WITH ARCHITECT AND INSTALL SWITCH ON SIDE OPPOSITE HINGE. VERIFY FINAL HINGE LOCATIONS IN FIELD PRIOR TO SWITCH OUTLET INSTALLATION.

10. COVERS OF JUNCTION AND FULLBOXES SHALL BE READILY ACCESSIBLE.

11. PROVIDE FULLBOXES WHERE INDICATED, WHERE REQUIRED BY CODE AND WHEREVER NECESSARY TO FACILITATE PULLING OF WIRE, COORDINATE FULLBOX LOCATIONS WITH OTHER TRADES.

12. EMPTY RACEWAY RUNS: PROVIDE FULLBOXES EVERY 100 FT AND AS INDICATED. COORDINATE LOCATIONS WITH OTHER TRADES.

13. JUNCTION AND FULLBOXES: LOCATE GENERALLY NOT EXPOSED IN FINISHED SPACES. WHERE NECESSARY, REROUTE RACEWAYS OR MAKE OTHER ARRANGEMENTS FOR CONCEALMENT.

14. SUPPORT PANEL, JUNCTION AND FULLBOXES INDEPENDENTLY TO BUILDING STRUCTURE WITH NO WEIGHT BEARING ON RACEWAYS.

15. ALL ACCESS DOOR LOCATIONS SHALL BE REVIEWED BY ARCHITECT PRIOR TO INSTALLATION.

16. CONNECT CONDUIT TO MOTOR CONDUIT TERMINAL BOXES WITH FLEXIBLE CONDUIT (MINIMUM 18 IN. LENGTH AND 50% SLACK). DO NOT TERMINATE IN OUTDOOR RACEWAYS TO MOTOR FOUNDATION.

17. PROVIDE 2814 INDICATING PILOT LIGHT WIRES FROM PILOT LIGHT IN CONTROLLER TO LOAD SIDE OF DISCONNECT SWITCH. RUN WIRES IN BRANCH CIRCUIT CONDUIT AND INCREASE CONDUIT SIZE AS REQUIRED.

18. FULL NO THERMOPLASTIC WIRES AT TEMPERATURES LOWER THAN 32°F (0°C). PROVIDE CABLE SUPPORTS FOR WIRE IN RISER CONDUITS AS REQUIRED BY CODE.

19. PROVIDE SEPARATE RACEWAYS FOR CONDUCTORS OF NORMAL AND EMERGENCY CIRCUITS. COMMON BOXES: PROVIDE BARRIERS BETWEEN EMERGENCY AND NORMAL WIRING.

20. HEIGHTS OF OUTLETS FROM FINISHED FLOOR TO CENTERLINE OF OUTLET:

RECEPTACLES AND TELEPHONES:
 - GENERALLY: 1'-6"
 - OVER WORK BENCHES: 3'-6"
 - WALL SWITCHES: 3'-10"
 - WALL FIXTURES: 7'-0"
 - MOTOR CONTROLLERS FA: 9'-0"
 - SPEAKERS & STROBES: 8'-9" AFF OR 6" BELOW CEILING (WHICHEVER IS LOWER)
 - FA FULL STATIONS: 4'-0"
 - CLOCKS: 7'-6"
 - FA STROBE LIGHTS: 6'-8" TO BOTTOM
 - EXIT SIGNS: 8' FROM TOP OF OPENING TO UNDERSIDE OF FIXTURE
 - EMERGENCY LIGHTS: 12' FROM CEILING TO CENTERLINE OF FIXTURE

EXCEPTIONS: AT JUNCTION OF DIFFERENT WALL FINISH MATERIALS, ON MOLDING OR BREAK IN WALL SURFACE, IN VIOLATION OF CODE REQUIREMENTS, AS NOTED OR DIRECTED.

CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND CONFIRMING ALL MOUNTING HEIGHTS WITH ARCHITECT AND ARCHITECTURAL DRAWINGS.

21. WIRE COLOR CODING: AS PER CODE. WHERE COLOR-CODED CABLE IS NOT AVAILABLE, CERTIFY IN WRITING AND REQUEST PERMISSION FOR OVERLAP COLOR TAPE OF CONDUCTORS (MINIMUM LENGTH 6') IN ACCESSIBLE LOCATIONS. COLOR CODING, ONCE SELECTED, MUST BE USED CONSISTENTLY FOR THE ENTIRE PROJECT.

22. FIRESTOPPING SHALL BE INSTALLED WHENEVER WIRING OR RACEWAYS CROSS FIRE RATED CONSTRUCTION.

23. LIGHTING FIXTURE SCHEDULE STANDARD NOTE: LIGHTING FIXTURE SCHEDULE SHOWN ON ENGINEER'S DRAWINGS ARE FOR INFORMATION PURPOSES ONLY. LIGHTING FIXTURES SHOWN ARE THOSE SELECTED BY ARCHITECT. ENGINEER SHALL NOT BE RESPONSIBLE FOR INFORMATION SHOWN RELATED TO FIXTURE SELECTION AND OVERALL LIGHTING DESIGN. REFER TO ARCHITECTURAL DRAWINGS FOR FURTHER INFORMATION.

24. EXPOSED CONDUITS ARE NOT PERMITTED EXCEPT AT PANEL LOCATION. CONCEAL ALL CONDUITS IN WALLS AND ABOVE CEILINGS.



1. GENERAL

A. THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, AIA DOCUMENT A201, LATEST EDITION, AND THESE SPECIFICATIONS AS APPLICABLE ARE PART OF THIS CONTRACT.

B. ALL APPLICABLE CODES, LAWS AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK ARE HEREBY INCORPORATED HEREIN AND MADE A PART OF THESE SPECIFICATIONS, AND THEIR PROVISIONS SHALL BE CARRIED OUT BY THE CONTRACTOR WHO SHALL INFORM THE OWNER, PRIOR TO SUBMITTING A PROPOSAL, OF ANY WORK OR MATERIAL WHICH VIOLATES ANY OF THE ABOVE LAWS AND REGULATIONS. ANY WORK DONE BY THE CONTRACTOR CAUSING SUCH VIOLATION SHALL BE CORRECTED BY THE CONTRACTOR.

C. INVESTIGATE EACH SPACE THROUGH WHICH EQUIPMENT MUST BE MOVED. WHERE NECESSARY, EQUIPMENT SHALL BE SHIPPED FROM MANUFACTURER IN SECTIONS OF SIZE SUITABLE FOR MOVING THROUGH AVAILABLE RESTRICTIVE SPACES. ASCERTAIN FROM BUILDING OWNER AND TENANT AT WHAT TIMES OF DAY EQUIPMENT MAY BE MOVED THROUGH ALL AREAS.

D. INSTALL WORK SO AS TO BE READILY ACCESSIBLE FOR OPERATION, MAINTENANCE AND REPAIR. MINOR DEVIATIONS FROM DRAWINGS MAY BE MADE TO ACCOMPLISH THIS, BUT CHANGES, WHICH INVOLVE EXTRA COST, SHALL NOT BE MADE WITHOUT APPROVAL.

E. REMOVAL AND RELOCATION OF CERTAIN EXISTING WORK MAY BE NECESSARY FOR THE PERFORMANCE OF THE GENERAL WORK. ALL EXISTING CONDITIONS CANNOT BE COMPLETELY DETAILED ON THE DRAWINGS. THE CONTRACTOR SHALL SURVEY THE SITE AND INCLUDE ALL CHANGES AND CHARGES IN MAKING UP THE WORK PROPOSAL.

F. PROVIDE ALL NECESSARY FLASHING AND COUNTER FLASHING TO MAINTAIN THE WATERPROOFING INTEGRITY OF THE BUILDING AS REQUIRED BY THE INSTALLATION OR REMOVAL OF CONDUIT AND EQUIPMENT. PROVIDE EQUIPMENT CURBS AS REQUIRED.

G. THE WORK IN THE BUILDING SHALL BE DONE WHEN AND AS DIRECTED IN A MANNER SATISFACTORY TO THE OWNER. THE WORK SHALL BE PERFORMED SO AS TO CAUSE THE LEAST POSSIBLE INCONVENIENCE AND DISTURBANCE TO THE PRESENT OCCUPANTS.

H. ALL MATERIAL AND EQUIPMENT SHALL BE NEW UNLESS OTHERWISE NOTED AND SHALL BE IN ACCORDANCE WITH BUILDING STANDARDS.

I. INSURANCE: IN ACCORDANCE WITH BUILDING REQUIREMENTS AND SHALL INCLUDE A HOLD HARMLESS CLAUSE FOR OWNER AND ENGINEER.

J. THE FINAL ACCEPTANCE SHALL BE MADE AFTER THE CONTRACTOR HAS ADJUSTED HIS EQUIPMENT, TESTED THE VARIOUS SYSTEMS, DEMONSTRATED THAT IT FULFILLS THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS AND HAS FURNISHED ALL THE REQUIRED CERTIFICATES OF INSPECTION AND APPROVAL.

2. SCOPE OF WORK

A. PROVIDE LABOR, MATERIALS, EQUIPMENT, SERVICES AND FEES NECESSARY FOR COMPLETE AND SAFE INSTALLATION IN CONFORMITY WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL OTHER APPLICABLE INDUSTRY, NATIONAL AND LOCAL CODES AND AUTHORITIES HAVING JURISDICTION, AS INDICATED ON DRAWINGS AND HERIN SPECIFIED.

B. ALL DRAWINGS, PLANS, DETAILS, SPECIFICATIONS AND SPECIFICATION ADDENDA ARE MADE PART OF THIS CONTRACT AND SHALL APPLY TO ALL WORK UNDER THE CONTRACT UNLESS OTHERWISE AMENDED, MODIFIED, SUPPLEMENTED OR SPECIFIED HEREIN.

C. THE CONTRACTOR SHALL FURNISH A WRITTEN GUARANTEE TO REPLACE OR REPAIR DEFECTS AND ASSUME RESPONSIBILITY FOR ALL EXPENSES INCURRED FOR ANY WORKMANSHIP AND EQUIPMENT IN WHICH DEFECTS DEVELOP WITHIN ONE YEAR FROM THE DATE OF FINAL CERTIFICATE FOR PAYMENT AND/OR FROM DATE OF ACTUAL USE OF EQUIPMENT OR OCCUPANCY OF SPACES BY OWNER INCLUDED UNDER THE VARIOUS PARTS OF THE WORK, WHICHEVER DATE IS EARLIER. THIS WORK SHALL BE DONE AS DIRECTED BY THE OWNER. THIS GUARANTEE SHALL ALSO PROVIDE THAT WHERE DEFECTS OCCUR, THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR ALL EXPENSES INCURRED IN REPAIRING OR REPLACING WORK OF OTHER TRADES AFFECTED BY DEFECTS, REPAIRS OR REPLACEMENTS IN EQUIPMENT SUPPLIED BY THE CONTRACTOR.

D. THE CONTRACTOR SHALL GIVE NECESSARY NOTICE, FILE DRAWINGS AND SPECIFICATIONS WITH ALL DEPARTMENTS HAVING JURISDICTION, OBTAIN PERMITS OR LICENSES NECESSARY TO CARRY OUT THIS WORK AND PAY ALL FEES THEREFOR. THE CONTRACTOR SHALL ARRANGE FOR INSPECTIONS AND TESTS OF ANY OR ALL PARTS OF THE WORK IF SO REQUIRED BY AUTHORITIES AND PAY ALL CHARGES FOR SAME. THE CONTRACTOR SHALL PAY ALL COSTS FOR, AND FURNISH TO THE OWNER BEFORE FINAL BILLING, ALL CERTIFICATES NECESSARY AS EVIDENCE THAT THE WORK INSTALLED CONFORMS WITH ALL REGULATIONS WHERE THEY APPLY TO THIS WORK.

3. SHOP DRAWINGS

A. PRIOR TO THE INSTALLATION OF ANY WORK AND PROCUREMENT OF EQUIPMENT, CONTRACTOR SHALL PROVIDE COMPLETE SETS OF COORDINATED SHOP DRAWINGS OF ALL NEW AND EXISTING EQUIPMENT, INDICATING CAPACITY, DIMENSIONS AND SEQUENCE OF OPERATION FOR WRITTEN APPROVAL BY THE ENGINEER.

B. INDICATE ON EACH SHOP DRAWINGS SUBMITTED:

1.) PROJECT NAME AND LOCATION
 2.) ITEM IDENTIFICATION

4. GENERAL PROVISIONS FOR ELECTRICAL WORK

A. SPECIFICATIONS ARE OF SIMPLIFIED FORM AND INCLUDE INCOMPLETE SENTENCES, WORDS OR PHRASES SUCH AS "THE CONTRACTOR SHALL," "SHALL BE," "FURNISH," "PROVIDE," "A," "THE," AND "ALL" HAVE BEEN OMITTED FOR BREVITY.

B. DEFINITIONS

1.) "PROVIDE": TO SUPPLY, INSTALL AND CONNECT UP COMPLETE AND READY FOR SAFE AND REGULAR OPERATION THE PARTICULAR WORK REFERRED TO UNLESS SPECIFICALLY OTHERWISE NOTED.

2.) "INSTALL": TO ERECT, MOUNT AND CONNECT COMPLETE WITH RELATED ACCESSORIES.

3.) "FURNISH" OR "SUPPLY": TO PURCHASE, PRODUCE, ACQUIRE AND DELIVER COMPLETE WITH RELATED ACCESSORIES.

4.) "WORK": LABOR, MATERIALS, EQUIPMENT, APPARATUS, CONTROLS, ACCESSORIES AND OTHER ITEMS REQUIRED FOR PROPER AND COMPLETE INSTALLATION.

5.) "FITTINGS": PIPING FITTINGS, WIRE, BOXES AND RELATED ITEMS.

6.) "CONCEALED": EMBEDDED IN MASONRY OR OTHER CONSTRUCTION, INSTALLED IN FURRED SPACES, WITHIN DOUBLE PARTITIONS OR HUNG CEILINGS, IN TRENCHES, IN GROUT, IN CONCRETE OR IN ENCLOSURES.

7.) "EXPOSED": NOT INSTALLED UNDERGROUND OR "CONCEALED" AS DEFINED ABOVE.

8.) "SIMILAR" OR "EQUAL": EQUAL IN MATERIALS, WEIGHT, SIZE, DESIGN AND EFFICIENCY OF SPECIFIED PRODUCT.

C. GENERAL

1.) THE DRAWINGS SHOW THE APPROXIMATE LOCATIONS OF ALL APPARATUS, EQUIPMENT AND CONDUIT. THE EXACT LOCATIONS OF THE WHICH ARE SUBJECT TO THE CONTRACTOR'S JUDGEMENT AND REQUEST. THE CONTRACTOR MAY MAKE ANY NECESSARY CHANGES IN THE LOCATION INDICATED WITHOUT EXTRA COST, WHILE THE GENERAL RUN OF CONDUIT AND CABLES ARE INDICATED ON THE DRAWINGS, IT IS NOT INTENDED THAT THE EXACT ROUTING OR LOCATIONS OF CONDUIT AND CABLES BE DETERMINED THERE FORM.

2.) THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED BENDS, OFFSETS, FULL BOXES AND OBSTRUCTIONS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL HIS/HER WORK TO CONFORM TO THE STRUCTURE, MAINTAIN HEADROOM AND KEEP OPENINGS AND PASSAGES CLEAR.

3.) THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH ALL TRADES.

4.) WIRE ALL FIXTURES, DEVICES, ETC., TO RESPECTIVE PANEL AND CONTROLS AS SHOWN ON PLANS IN SYMBOL FORM.

5.) CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN-UP AND REMOVAL FROM THE SITE OF RESULTING DEBRIS UPON COMPLETION OF WORK UNDER THIS SECTION.

6.) PROVIDE SEPARATE SYSTEMS AND ENCLOSURES FOR 120/208 POWER AND CONTROL WIRING. COMMON FULL BOXES AND JBS ARE NOT ACCEPTABLE.

7.) LOCATIONS INDICATED FOR LOCAL WALL SWITCHES ARE SUBJECT TO RELOCATIONS. AT OR NEAR DOORS INSTALL SWITCH INSIDE OPPOSITE HINGE, VERIFY FINAL DOOR HINGE LOCATION IN FIELD PRIOR TO SWITCH OUTLET INSTALLATION.

8.) HEIGHTS OF OUTLET FROM FINISHED FLOOR TO CENTERLINE OF OUTLETS SHALL CONFORM TO ADA CODE REQUIREMENTS.

D. TEMPORARY LIGHT AND POWER

1.) PROVIDE TEMPORARY LIGHT AND POWER SYSTEMS AT EARLIEST POSSIBLE DATE WITHIN THE CONSTRUCTION AREAS FOR THE REQUIREMENTS OF ALL TRADES AS HEREIN DESCRIBED. EXTEND SYSTEMS TO NEW CONSTRUCTION AS SOON AS PHYSICALLY POSSIBLE. MAINTAIN SYSTEM DURING WORKING HOURS OF ALL TRADES. OWNER WILL PAY FOR COST OF ENERGY. PROVIDE ALL REQUIRED MAINTENANCE, INCLUDING LAMPS AND SOCKETS.

E. QUALITY ASSURANCE

1.) QUALITY AND GAUGE OF MATERIALS: NEW, BEST OF THEIR RESPECTIVE KINDS, FREE FROM DEFECTS AND LISTED BY UNDERWRITERS LABORATORIES, INC., OR OTHER NATIONALLY APPROVED TESTING AGENT AND BEARING THEIR LABEL. MATERIALS AND EQUIPMENT OF SIMILAR APPLICATION SHALL BE OF SAME MANUFACTURER, EXCEPT AS NOTED.

2.) GUARANTEE: ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE. CURRENT CHARACTERISTICS

a. SERVICE: AND 120/208 VOLT, 3 PHASE, 4 WIRE, 60 HERTZ WITH GROUNDED NEUTRAL.

b. DISTRIBUTION: AND 120/208 VOLT, 3 PHASE, 4 WIRE, 60 HERTZ WITH GROUNDED NEUTRAL.

F. MATERIALS

1.) NAMEPLATES: PROVIDE BLACK LAMINOID SHEET WITH 9/16 IN. WHITE LETTERING, FASTENED WITH EPOXY CEMENT FOR EACH DISCONNECT SWITCH, CIRCUIT BREAKER, PANEL, CABINET, TRANSFORMER, ENCLOSURE, MOTOR CONTROLLER AND THE LIKE. NAMEPLATES SHALL DESCRIBE THE NAME AND NUMBER OF EACH COMPONENT.

2.) CABLE: USE TAG OR CONDUCTOR PASSING THROUGH SPLICE OR FULLBOX WITH A WHITE LINEN TAG, INDICATING POINT OF ORIGIN AND TERMINATION OF THE CIRCUIT.

3.) INSERTS AND SUPPORTS

a. INSERTS: STEEL, SLOTTED TYPE, FACTORY PAINTED.

(1) MAXIMUM LOADING 15% OF RATING.

b. SUPPORTS FROM BUILDING CONSTRUCTION: INSERTS, BEAM CLAMPS, STEEL FISHPLATES (IN CONCRETE FILL ONLY), CANTILEVER BRACKETS OR OTHER MEANS.

c. GROUPED LINES AND SERVICES: TRAPEZE HANGERS OR BOLTED ANGLES OR CHANNELS.

d. WHERE BUILDING CONSTRUCTION IS INADEQUATE: PROVIDE ADDITIONAL FRAMING. SUBMIT FOR REVIEW BY OWNER AND STRUCTURAL ENGINEER.

g. PAINT SHALL BE THE BEST GRADE FOR ITS PURPOSE. DELIVER IN ORIGINAL SEALED CONTAINERS AND APPLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. COLORS SHALL BE AS SELECTED BY OWNER. UTILIZE GALVANIZED IRON PRIMER ON PANEL AND FULL BOXES, AFTER FABRICATION, UTILIZE HOT DIPPED GALVANIZED OR DIPPED IN ZINC CHROMATE FOR OUTLET BOXES, JUNCTION BOXES, CONDUIT HANGERS, RODS, INSERTS AND SUPPORTS. RED LEAD OR ZINC CHROMATE WITH FINISH TO MATCH SURROUNDINGS SHALL BE USED FOR MARRED SURFACES OF STEEL EQUIPMENT AND RACEWAYS. A FIELD-APPLIED ZINC CHROMATE PRIME COAT SHALL BE UTILIZED FOR STEEL AND IRONWORK.

H. BRUSH AND CLEAN WORK PRIOR TO CONCREATING, PAINTING AND ACCEPTANCE. PAINTED EXPOSED WORK SOILED OR DAMAGED; CLEAN AND REPAIR TO MATCH ADJOINING WORK BEFORE FINAL ACCEPTANCE. REMOVE DEBRIS FROM INSIDE AND OUTSIDE OF MATERIAL AND EQUIPMENT.

I. FINAL LOCATIONS AND MOUNTING ORIENTATIONS OF ALL SWITCHES, RECEPTACLES AND LIGHT FIXTURES SHALL BE VERIFIED WITH ENGINEER, PRIOR TO ROUGH IN.

J. ALL ACCESS DOOR LOCATIONS SHALL BE REVIEWED BY ENGINEER PRIOR TO INSTALLATION.

5. CUTTING AND PATCHING

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING OF THE EXISTING AND NEW CONSTRUCTION WORK, WHICH MAY BE REQUIRED FOR THE PROPER INSTALLATION OF THE ELECTRICAL WORK. ALL PATCHING SHALL BE OF THE SAME MATERIALS, WORKMANSHIP, AND FINISH, AND SHALL ACCURATELY MATCH ALL SURROUNDING WORK.

B. CORE BORING OF CONCRETE FLOORS AND/OR WALLS IF REQUIRED, IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.

6. COORDINATION

A. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EQUIPMENT WITH ARCHITECTURAL DRAWINGS, IN CENTERING OUTLETS AND LOCATING BOXES AND OUTLETS, ALLOW FOR OVERHEAD PIPES, DUCTS, AND MECHANICAL EQUIPMENT, VARIATIONS IN FIRE PROOFING AND PLASTERING, WINDOW AND DOOR TRIM, PANELING, HUNG CEILINGS, AND THE LIKE AND CORRECT ANY INACCURACY RESULTING FROM FAILURE TO DO SO WITHOUT EXPENSES TO THE OWNER.

7. EQUIPMENT FURNISHED BY OTHERS

A. THE CONTRACTOR SHALL FURNISH AND INSTALL WIRE, JUNCTION BOXES, DISCONNECTS AND MAKE FINAL CONNECTIONS FOR EQUIPMENT FURNISHED BY OTHERS, AS SHOWN ON DRAWINGS. COORDINATE WITH ALL OTHER TRADES OR DETAILS FOR INSTALLATION. CONTRACTOR SHALL CHECK ALL OTHER TRADE DRAWINGS AND SPECIFICATIONS FOR EQUIPMENT TO BE INSTALLED BY OTHERS. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER WIRING AND NECESSARY ELECTRICAL ADJUSTMENTS TO EQUIPMENT TO CONFORM TO SPECIFIED REQUIREMENTS OF THE EQUIPMENT.

8. LOW-VOLTAGE DISTRIBUTION EQUIPMENT

A. ALL EQUIPMENT SHALL CONFORM TO NEMA, ANSI AND IEE STANDARDS.

B. DISCONNECT SWITCHES SHALL BE FUSED OR NON-FUSED AS NOTED.

1.) VOLTAGE SHALL BE AS REQUIRED.

2.) SWITCHES SHALL BE HEAVY DUTY, EXCEPT AS NOTED, AND HORSEPOWER RATED FOR MOTOR LOADS.

3.) TOGGLE TYPE SWITCHES SHALL BE NON-FUSED, LOAD BREAK, HAVING MAXIMUM RATINGS OF 20 AMP AT 600 VOLTS AND 30 AMP AT 240 VOLTS.

4.) KNIFE-BLADE TYPE SWITCHES SHALL BE LOAD BREAK, QUICK-BREAK, UL CLASS R UP TO 600 AMP. MAXIMUM RATING EXCEPT AS NOTED SHALL BE 800 AMP. ARC QUENCHERS SHALL BE PROVIDED.

5.) ALL SWITCH ENCLOSURES SHALL BE DEAD FRONT, NEMA TYPE 1, EXCEPT AS NOTED.

6.) PLUGS SHALL BE UL LISTED.

1.) DUAL ELEMENT FUSES SHALL BE UTILIZED FOR MOTOR LOADS. TIME DELAY SHALL HAVE A MAXIMUM RATING OF 600 AMP AT REQUIRED VOLTAGE. 200,000 AMP INTERRUPTING CAPACITY FUSE SHALL BE UL CLASS R.

2.) CURRENT LIMITING FUSES SHALL BE UTILIZED FOR OTHER LOADS. 200,000 AMP INTERRUPTING CAPACITY SHALL BE UL CLASS R UP TO 600 AMP. CLASS L OVER 600 AMP.

3.) ALL FUSES SHALL BE PROVIDED BY SAME MANUFACTURER. PROVIDE 1 SPARE MATCHING FUSE FOR EACH SET OF 3.

9. CIRCUIT BREAKERS

1.) MAGNETIC CASE BREAKERS SHALL BE THERMAL-MAGNETIC, QUICK-MAKE-QUICK-BREAK, BOLT-ON TYPE, MANUALLY OPERATED WITH INSULATED TRIP-FREE HANDLE.

2.) MULTIPOLAR TYPE BREAKERS SHALL CONTAIN INTERNAL TRIP BAR.

3.) TERMINALS SHALL BE SUITABLE FOR COPPER OR ALUMINUM CABLE.

4.) FURNISH AUXILIARY DEVICES WHERE REQUIRED FOR SHUNT TRIPPING, OPEN AND CLOSE MOTOR OPERATOR AND ALARM INDICATION.

5.) ENCLOSURES SHALL BE DEAD FRONT, NEMA TYPE 1, OR AS NOTED.

6.) FRAMES, INTERRUPTING CAPACITY AND INTERCHANGEABLE TRIPS SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED:

a. 120 VOLTS, 15 AMP: 120,000 AMP, 10,000 TRIPS, 2 1/2 POLES.

b. 240 VOLTS, 100-AMP FRAME: 200,000 AMP, 2 1/2 POLES.

c. 240 VOLTS, 200-AMP FRAME: 200,000 AMP, 2 1/2 POLES WITH INTERCHANGEABLE TRIP.

d. CIRCUIT BREAKERS TO BE INSTALLED IN EXISTING PANEL BOARDS, SHALL BE OF THE SAME MANUFACTURER, TYPE AND A.I.G. RATING AS PRESENTLY IN USE.

E. PANEL BOARDS:

1.) 3 PHASE SWITCHING UNITS SHALL BE 4-PIRE CIRCUIT-BREAKER TYPE UNLESS OTHERWISE NOTED ON PANEL SCHEDULES.

2.) BREAKERS SHALL BE HARD DRAWN COPPER, MINIMUM 90 PERCENT CONDUCTIVITY, SILVER OR TIN-PLATED JOINTS.

3.) CABINETS SHALL BE GALVANIZED SHEET STEEL, BACK BOX, WITH DOOR AND TRIM AND LAID AND WELDED CORNERS.

4.) HARDWARE SHALL BE CHROME PLATED WITH FLUSH LOCKSET HANDLE ASSEMBLY (UP TO 45 IN. HIGH DOORS) OR VAULT HANDLE, LOCK AND 3-POINT CATCH (LARGER THAN 45 IN. HIGH DOORS).

5.) HINGES SHALL BE SEMI-CONCEALED, 5-KNUCKLE STEEL WITH NONFERROUS PINS, 180-DEGREE OPENING, LOCATED A MAXIMUM 26 IN. ON CENTERS. PROVIDE DOOR-IN-DOOR CONSTRUCTION.

6.) MINIMUM GUTTER SPACES FOR LIGHTING PANELS SHALL BE 5 5/8 IN. SIDES, TOP AND BOTTOM.

7.) DIRECTORY HOLDER SHALL BE METAL FRAME WITH CLEAR PLASTIC, TRANSPARENT COVER.

8.) ALL CIRCUIT BREAKERS SHALL BE PROVIDED WITH CIRCUIT BREAKER COVERS.

9.) BALANCE THE LOAD OVER PHASES WHEN NEP CIRCUITS ARE ADDED TO NEW PANELS.</p

E. PROVIDE RACEWAYS ONLY AS HEREIN SPECIFIED, EXCEPT AS NOTED.

1. RACEWAYS SHALL BE RUN CONCEALED, EXCEPT AS NOTED.

2. PROVIDE RACEWAY SUPPORT UTILIZING CEILING TRAPEZE, STRAPHANGERS, OR WALL BRACKET. PROVIDE U-BOLTS AT EACH FLOOR LEVEL OF RISER RACEWAYS AND CONNECT TO ACCEPTABLE SUPPORTS. PROVIDE RISER CLAMPS AT EACH FLOOR LEVEL OF RISER RACEWAYS AND PER CODE.

3. SECURE ALL RACEWAYS TO SUPPORTS WITH PIPE STRAPS OR U-BOLTS. SPACING OF SUPPORTS SHALL BE A MINIMUM OF 10 FT. ON CENTER OF METALLIC RACEWAY AND AS REQUIRED FOR NONMETALLIC RACEWAY. SPACING SHALL BE 5 FT. ON CENTER FOR RACEWAYS AND PER CODE AND AS NOTED FOR OTHERS. MOUNT SUPPORTS TO STRUCTURE MASONRY WITH TOGGLE BOLTS ON HOLLOW MASONRY, EXPANSION SHIELDS OR INSERTS IN CONCRETE AND BRICK, MACHINE SCREWS ON METAL, BEAM CLAMPS ON FRAMEWORK, WOOD SCREWS ON WOOD AND PAN THROUGH STRAPS IN METAL DECK. MAIN, RAM PLUGS OR WOOD PLUGS SHALL NOT BE PERMITTED. WHERE REQUIRED BY STRUCTURE, FURNISH THROUGH BOLTS AND FISHPLATES.

4. EXPOSED RACEWAYS SHALL BE RUN PARALLEL WITH OR AT RIGHT ANGLES TO WALLS.

5. PROVIDE CLEARANCE OF 1/2 IN. FROM RACEWAY TO OTHER PIPING (MINIMUM 3 IN. SEPARATION FROM STEAM AND HOT WATER PIPES, EXCEPT 1 IN. FROM PIPE COVER AT CROSSING AND 1/8 IN. FOR PARALLEL RUNS).

6) FOR HUNG CEILING OUTLETS, RUN IN HUNG CEILING AND CONNECT TO CEILING SUPPORT CHANNELS. IN MASONRY AND Poured CONCRETE, RUN VERTICALLY ONLY.

7) MAINTAIN GROUNDING CONTINUITY OF UNINTERRUPTED METALLIC RACEWAYS WITH GROUND CONDUCTOR, AND IN FLEXIBLE CONDUIT FOR FEEDERS AND MOTOR TERMINAL CONNECTIONS.

8) EMPTY RACEWAYS OVER 10 FT. LONG: PROVIDE FISH OR FULL WIRE GALVANIZED OR NYLON ROPE.

9) RIGID STEEL CONDUIT SHALL BE PERMITTED FOR FEEDERS AND BRANCH CIRCUITS. PAINT MAKE THREADS OF FIELD-THREADED CONDUIT WITH GRAPHITE-BASE PIPE COMPOUND AND BUTT CONDUIT ENDS. TOUCH UP MARRED SURFACES AND FIELD-CUT THREADS, CRC-COLD GALVANIZED.

10) EMT SHALL BE PERMITTED FOR BRANCH CIRCUITS ONLY, IN DRY LOCATIONS, DRY WALLS, HUNG CEILINGS, HOLLOW BLOCK WALLS AND FURRED SPACES.

11) FLEXIBLE STEEL CONDUIT MAY BE UTILIZED FOR SHORE CONNECTIONS WHERE RIGID CONDUIT IS IMPRACTICAL.

a. FROM OUTLET BOX TO RECESSED LIGHTING FIXTURE: PROVIDE MINIMUM 4 FT. AND MAXIMUM 6 FT. LENGTHS.

b. FOR CONNECTION TO MOTOR TERMINAL BOX, TRANSFORMER AND OTHER VIBRATING EQUIPMENT: PROVIDE WITH POLYVINYL SHEATHING, 18 IN. IN LENGTH.

c. CONNECT GROUND CONDUCTOR TO ENCLOSURE OR RACEWAY AT EACH END.

d. FOR EXPANSION JOINT CROSSINGS, CROSS AT RIGHT ANGLES AND ANCHOR ENDS.

12) CUT CONDUIT ENDS SQUARE, REAM SMOOTH, PAINT MALE THREADS OF FIELD-THREADED RACEWAYS WITH GRAPHITE BASE PIPE COMPOUND, DRAW UP TIGHT WITH RACEWAY COUPLING.

13) ALL COUPLINGS ON EMT RACEWAYS SHALL BE COMPRESSION TYPE UP TO AND INCLUDING 2 IN. CONDUIT. SET SCREW TYPE FITTINGS SHALL BE USED ON 2 1/2 IN. EMT, CONTROL AND LARGE.

14) EXPANSION FITTINGS SHALL BE INSTALLED AT RIGHT ANGLES WITH CLIP. JOINT CENTERED IN EXPANSION JOINT. PROVIDE A LENGTH OF RACEWAY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PRESENT FITTINGS SHALL ALLOW FOR TEMPERATURE VARIATION.

15) RACEWAYS PASSING THROUGH FIRE-RATED CONSTRUCTION: SEAL OPENING WITH FIRE SEALANT APPROPRIATE TO MAINTAIN FIRE RATING OF CONSTRUCTION.

16) PROVIDE RACEWAYS CONTINUITY TESTS OF RESISTANCE OF FEEDER CONDUITS FROM SERVICE TO POINT OF FINAL DISTRIBUTION USING 1 CONDUCTOR RETURN. MAXIMUM RESISTANCE SHALL BE 25 OHMS.

11. KIRKE AND CABLE

A. PROVIDE WIRE AND CABLE COMPLETE WITH ACCESSORIES.

B. SIZE REFERENCE SHALL BE ANSI EXCEPT AS NOTED.

C. POWER CONDUCTOR SHALL BE COPPER, ASTM STANDARD SOLID (NO. 10 AND SMALLER) OR STRANDED (NO. 8 AND LARGER). GENERAL USE CABLES SHALL BE NO. 12 MINIMUM.

1. AT 120 VOLTS AND OVER 100 FT. CIRCUIT LENGTH PROVIDE NO. 10 MINIMUM.

D. CONTROL AND ALARM CABLE, EXCEPT AS NOTED, SHALL BE NO. 14 MINIMUM.

E. ADJUSTABLE BENDS ARE REQUIRED FOR MAIN VOLTAGE FEEDERS. USE RACEWAY SIZES FOR LARGER WIRE AS REQUIRED.

F. INSULATION SHALL BE RUNNED THROUGH PLATE AND WIRE. ASTM AND IEC STANDARDS THIN OR THIN SHALL BE UTILIZED FOR FEEDERS AND BRANCH CIRCUITS EXCEPT AS NOTED. TYPE SFF-2 SHALL BE UTILIZED FOR BRANCH CIRCUITS LOCATED IN WIRING CHANNELS OF CONTINUOUS FLUORESCENT FIXTURES AND IN AMBIENT TEMPERATURES OVER 40 DEGREES C. FOR UNGROUNDED ISOLATED BRANCH CIRCUITS PROVIDE GR205-LINKED POLYETHYLENE INSULATION (TYPE XHHW).

G. PRE-MANUFACTURED ARMORED CABLE MAY BE UTILIZED FOR ALL NORMAL BRANCH CIRCUITS IN DRY HOLLOW STUD WALL LOCATIONS, ABOVE ACCESSIBLE CEILING AND WHERE PERMITTED BY ARTICLE 820 OF THE NATIONAL ELECTRICAL CODE ONLY.

1. MINIMUM CONDUCTOR SIZE SHALL BE NO. 12 ANG. COPPER.

2. PROVIDE ONE-INTEGRAL GREEN INSULATED CONTINUOUS GROUND CONDUCTOR AND BARE BONDING CONDUCTOR IN DIRECT CONTACT WITH THE OUTER WALL JACKET.

H. THE INSULATION OF ALL CONDUCTORS SHALL BE 40 DEGREES C RATED THERMOPLASTIC WITH COLOR CODING AS FOLLOWS:

1) WHERE COLOR-CODED CABLE IS NOT AVAILABLE, CERTIFY IN WRITING AND REQUEST PERMISSION FROM CITY INSPECTORS TO OVERLAP CONDUCTORS WITH 6 IN. OF COLOR TAPE IN ACCESSIBLE LOCATIONS.

2) 120/208 VOLT SYSTEM

a. BLACK FOR A PHASE

b. RED FOR B PHASE

c. BLUE FOR C PHASE

3) NEUTRAL WIRE SHALL UTILIZE WHITE OUTER COVERING THROUGHOUT.

4) EQUIPMENT GROUND WIRE SHALL UTILIZE GREEN OUTER COVERING THROUGHOUT.

I. PROVIDE FLAMEPROOF LINER OR FIBER TAGS IN ACCESSIBLE LOCATIONS. FOR FEEDERS INDICATE FEEDER NUMBER, SIZE, PHASE AND POINTS OF ORIGIN AND TERMINATIONS; FOR CONTROL AND ALARM WIRING INDICATE TYPE (CONTROL OR ALARM), SIZE OF WIRE, AND POINTS OF ORIGIN AND TERMINATIONS.

J. TERMINATIONS, SPLICES AND TAPS UNDER 600 VOLTS:

1) COPPER CONDUCTORS NO. 10 AND SMALLER SHALL UTILIZE COMPRESSION-TYPE OF TWIST-ON SPRING-LOADED CONNECTORS AND CLEAR NYLON PLIERS.

2) COPPER CONDUCTORS NO. 8 AND LARGER SHALL UTILIZE MECHANICAL BOLTED PRESSURE OR HYDRAULIC COMPRESSION TYPE USING MANUFACTURER'S RECOMMENDED TOOLS.

3) CABLE LUGS AND CONNECTORS SHALL UTILIZE COMPRESSION TYPE OF SAME METAL AS CONDUCTOR. PROVIDE TO MATCH CABLE, WITH MARKING INDICATING SIZE AND TYPE.

4) COPPER LUG CONNECTIONS TO BUS BARS: USE ANTI-SEIZE COMPOUND TANG.

K. FULL NO THERMOPLASTIC WIRES AT TEMPERATURES LOWER THAN 32 DEGREES F.

L. THERMOPLASTIC WIRES SHALL NOT BE INSTALLED IN COMPUTER AREA RAISED FLOORS.

M. PERFORM CONTINUITY AND INSULATION TESTS. MEGGER TEST 100 PERCENT OF FEEDERS, 10 PERCENT OF BRANCH CIRCUITS AND ALL MOTOR BRANCH CIRCUITS OVER 25 HP.

N. PERFORM TESTS PRIOR TO CONNECTING EQUIPMENT AND IN PRESENCE OF AUTHORIZED REPRESENTATIVES. SUBMIT WRITTEN REPORT OF RESULTS. CORRECT OR REPLACE CABLE TESTING BELOW MANUFACTURER'S STANDARDS.

12. POWER WIRING

A. PROVIDE ALL POWER WIRING TO ALL MOTORS AND EQUIPMENT FURNISHED UNDER ALL CONTRACTS ON THE PROJECT. INCLUDE EXTENSIONS FROM CONTROLLERS TO MOTORS AND MOTOR CONNECTIONS. MOUNT AND WIRE ALL CONTRACTORS AND POWER DEVICES FURNISHED UNDER ALL CONTRACTS.

13. CONTROL WIRING

A. PROVIDE ALL CONTROL WIRING FOR MOTORS AND EQUIPMENT FURNISHED UNDER ALL CONTRACTS AND AS SPECIFICALLY SHOWN ON THE DRAWINGS, EXCEPT AS NOTED FOR MECHANICAL/PLUMBING EQUIPMENT. INCLUDE MOUNTING AND WIRING OF ALL CONTROL DEVICES FURNISHED WITH EQUIPMENT.

B. CONTROL WIRING LESS THAN 120 VOLTS FOR MOTORS, ALARMS FOR EQUIPMENT FURNISHED UNDER MECHANICAL/PLUMBING WILL BE PROVIDED UNDER DIVISION 15 CONTRACT.

14. DEVICES

A. LOCAL SWITCHES

1) CONVENTIONAL QUOTE TOGGLE TYPE, RATED AT 20 AMP, 120/277 VOLT AC. THE OWNER OR CONTRACTOR SHALL SELECT TOGGLE COLOR.

2) MINIATURE QUOTE TOGGLE TYPE, RATED AT 20 AMP, 120/277 VOLT AC.

3) PILOT LIGHT TOGGLE TYPE WITH NEON LAMP, RATED AT 20 AMP, 120/277 VOLT

B. MANUAL MOTOR STARTER

1) FLUSH MOUNTED TYPE WITH INTEGRAL THERMAL OVERLOAD PROTECTION AND PILOT LIGHT

C. INLET RECEPTACLES

1) CONVENTIONAL, DUPLEX CONVENIENCE 120 VOLT, 2 POLE, 3 WIRE, 20 AMP WITH U GROUND SLOT GROUNDED, EXCEPT AS NOTED. DEVICE SHALL MEET AND EXCEED:

a. UL 485

b. UL NATIONAL SPECIFICATION WC-516 LISTING.

c. NEMA WD-1 AND WD-6.

d. OWNER OR CONTRACTOR SHALL SELECT FACE COLOR.

2) GROUND FAULT INTERRUPTER WITH SELF-PROTECTION AND LED INDICATOR LIGHT.

3) SPECIAL RECEPTACLES

a. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE SPECIAL RECEPTACLES REQUIRED TO MATCH PROVIDED, NEW EQUIPMENT PLUGS.

4) RECEPTACLE ORIENTATION

a. CONTRACTOR SHALL COORDINATE ORIENTATION OF DEVICE OF CONTRACTOR

b. DEVICE PLATES

1) REINFORCED THERMOPLASTIC BY SAME MANUFACTURER OF DEVICES.

15. LIGHTING FIXTURES

A. MANUFACTURE AND INSTALL LIGHTING FIXTURES IN ACCORDANCE WITH NEC ARTICLE 410.

B. PROVIDE ALL LIGHTING FIXTURES INDICATED, COMPLETE WITH LAMPS, INCLUDE ALL INTERIOR LIGHTING FIXTURES, AND ALL EXTERIOR FIXTURES MOUNTED ON THE BUILDING. PROVIDE ALL PLACED CEILING PLANS AND FIXTURE SCHEDULES FOR FIXTURE SPECIFICATIONS.

C. FURNISH ALL PLASTER OR DRY WALL FRAMES

D. USE FIXTURES CONFORMING TO UL STANDARDS, AND BEARING UL LABEL

E. ALL FLUORESCENT ELECTRONIC BALLASTS SHALL MEET OR EXCEED THE REQUIREMENTS OF:

1) ANSI/IEEE C62.41 (AMERICAN NATIONAL STANDARDS INSTITUTE)

2) FCC PART 18 (RF AND EMI)

3) GEM (CERTIFIED BALLAST MANUFACTURERS)

4) UL (UNDERWRITERS LABORATORIES)

5) IEC (INTERNATIONAL ELECTRICAL STANDARDS)

6) NEMA (NATIONAL APPLIANCE ENERGY CONSERVATION AMENDMENTS)

7) NEC (NATIONAL ELECTRICAL CODE)

F. GENERAL CONSTRUCTION

1) PLASTICS: 100 PERCENT VIRGIN ACRYLIC, REFER TO FIXTURE LIST FOR FURTHER DESCRIPTION

2) METAL

a. MATERIAL: STEEL, ALUMINUM OR OTHER TYPES MENTIONED.

b. B & S GAUGE: NO. 22 MINIMUM FOR HOUSINGS, WITH APPROPRIATE CROSS-SECTIONAL CONFIGURATION FOR FIXTURE HOUSING; THINNER SHEET METAL ACCEPTABLE FOR BALLAST ENCLOSURES AND INCIDENTAL PURPOSES.

3. FINISHES

a. CORROSION PROTECTION: PLATING, BONDERIZING, PRIMING, ELECTROSTATIC PAINTING, OR OTHER APPROVED MEANS.

b. COLOR: FACTORY STANDARD UNLESS OTHERWISE NOTED.

c. FINISH: COATING: BAKED PAINT OR ENAMEL ON STEEL AND ALUMINUM; BAKED CLEAR LACQUER OR OTHER DURABLE TRANSPARENT FILM ON POLISHED METAL SURFACES.

d. EXPOSED HARDWARE: NOT ACCEPTABLE ON VISIBLE SURFACES OF FIXTURES IN FINISHED AREAS UNLESS OTHERWISE NOTED.

e. OPERATING TEMPERATURE: NOT TO EXCEED 25 DEGREES C, TEMPERATURE RISE OVER 40 DEGREES C, A MAXIMUM 90 DEGREES BALLAST HOT SPOT WHEN FLUORESCENT FIXTURE IS OPERATED IN 25 DEGREES C AMBIENT. MAXIMUM CASE TEMPERATURE SHALL NOT EXCEED 65 DEGREES C.

f. PROVIDE APPROPRIATE MOUNTING ACCESSORIES FOR EACH FIXTURE, COMPATIBLE WITH THE VARIOUS STRUCTURAL CONDITIONS THAT WILL BE ENCOUNTERED. PROVIDE FASTENING CLIPS (EARTHQUAKE CLIPS) FOR LIGHTING FIXTURES THAT ARE SUPPORTED FROM FRAMING MEMBERS OF SUSPENDED CEILINGS.

g. ASSEMBLE, WIRE AND INSTALL ALL LIGHTING FIXTURES AT THEIR RESPECTIVE OUTLETS AS INDICATED AND ASSUME RESPONSIBILITY FOR THEIR CONDITION UNTIL ACCEPTANCE BY OWNER.

h. EXPOSED HARDWARE: NOT ACCEPTABLE ON VISIBLE SURFACES OF FIXTURES IN FINISHED AREAS UNLESS OTHERWISE NOTED.

i. FIXTURES AND ACCESSORIES: FIXTURES SHALL BE MADE OF STRANDED WIRE WITH INSULATION TEMPERATURE RATING EQUAL TO OR HIGHER THAN THAT OF WIRE SUPPLIED WITH THE FIXTURE, OR SPECIFIED BY FIXTURE MANUFACTURER. FIXTURES ARE TO BE CONNECTED TO BRANCH CIRCUITS VIA JUNCTION BOX USING FLEXIBLE CONDUIT OF LENGTHS BETWEEN 4 FT. MINIMUM AND 6 FT. MAXIMUM.

j. THE USE OF FLEXIBLE CONDUIT, TO FIXTURES IN ANY LENGTH OVER 6 FT. IS PERMITTED ONLY WHEN A SEPARATE GROUND WIRE IS INSTALLED ALONG WITH THE CONDUCTORS INSIDE THE FLEXIBLE CONDUIT. IN THIS APPLICATION THE GROUND WIRE MUST BOND THE LIGHTING FIXTURE HOUSINGS TO EACH OTHER AND/OR TO THE JUNCTION BOX. ALL FLEXIBLE CONDUIT SHALL BE SUPPORTED AS REQUIRED BY NEED AND SHALL BE INSTALLED IN A WORKMANLIKE MANNER.

k. NOTE THAT SPECIFICATIONS FOR RECESSED FIXTURES GENERALLY DO NOT INCLUDE MOUNTING ACCESSORIES, AND THAT EACH FIXTURE IS TO BE USED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS, SUCH AS LAY-IN EXPOSED GRID, CONCEALED SPLINE TILE, OR DRYWALL VERIFY MOUNTING AS WELL AS EACH SPACE BEFORE PLACING FIXTURES SO THAT PROPER QUANTITIES FOR EACH CONDITION WILL BE DELIVERED IN TIME TO AVOID CONSTRUCTION DELAYS.

l. SECURELY FASTEN LIGHTING FIXTURES TO FRAMING MEMBERS OF SUSPENDED CEILINGS WITH FASTENING CLIPS, AS SPECIFIED, CLOP EACH FIXTURE TO ALL ADJOINING FRAMING MEMBERS TO PREVENT MOVEMENT OF THE MEMBERS AWAY FROM THE FIXTURES.

m. SUPPORT EXIT SIGNS IN TILE CEILINGS WITH RAILS THAT SPAN BETWEEN RUNNERS OF CEILING SUSPENSION SYSTEM. USE FLANGED FIXTURES FOR FINISHED APPEARANCES.

n. SUPPORT FLUORESCENT FIXTURES IN DRYWALL CEILINGS FROM PLASTER FRAMES, WITH ADJUSTABLE LUGS ON SIDE OF FIXTURE OR Yoke MOUNTING AS RECOMMENDED BY FIXTURE MANUFACTURER. USE FLANGED FIXTURES FOR FINISHED APPEARANCE, UNLESS OTHERWISE NOTED.

o. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF ALL FIXTURES.

16. EMPTY RACEWAY SYSTEMS

A. A COMPLETE EMPTY RACEWAY SYSTEM CONSISTING OF BLANK 4-11/16 IN. SQ. X 2-1/8 IN. DEEP OUTLET BOXES WITH SINGLE OR DOUBLE GANG DRYWALL FLUSH COLLAR AS NOTED. METALLIC RACEWAY WITH FULL STRING SHALL BE PROVIDED AND INSTALLED WHERE SHOWN FOR THE FOLLOWING SYSTEMS:

1) TELEPHONE/DATA (SINGLE GANG)

2) CABLE TELEVISION (SINGLE GANG)

B. RACEWAY SIZE SHALL BE A MINIMUM OF 3/4 IN. OR AS DOCUMENTED IN PLANS AND DETAILS.

C. ALL METALLIC RACEWAY SYSTEMS SHALL BE STUBBED UP AND TERMINATE IN ACCESSIBLE CEILING. END BUSHINGS AND FULL WIRES SHALL BE PROVIDED. BONDING OF ALL RACEWAY SYSTEMS TO PROVIDE A COMMON GROUND PATH SHALL BE PROVIDED.

D. ACTUAL DEVICES, CONNECTORS, WIRING COMPLETE WITH TERMINATIONS AND BOX COVERS SHALL BE PROVIDED BY THE OWNER.

17. FIRE STOPPING

A. DRAWINGS AND GENERAL PROVISIONS OF CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION SPECIFICATION SECTIONS, APPLY TO WORK OF THIS SECTION.

B. PROVIDE ALL REQUIRED FIRE STOPPING. WORK INCLUDES FIRE-STOPPING PENETRATIONS OF FIRE-RESISTANCE RATED FLOORS, WALLS AND PARTITIONS IN NEW CONSTRUCTION.

C. FIRE RESISTANT JOINT SEALERS: PROVIDE MANUFACTURER'S STANDARD FIRE-STOPPING SEALANT WITH ACCESSORY MATERIALS HAVING FIRE RESISTANCE RATING AS INDICATED AS ESTABLISHED BY TESTING IDENTICAL ASSEMBLIES PER ASTM E814 BY UNDERWRITERS LABORATORIES OR OTHER TEST LABORATORY AND INSPECTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

D. MATERIALS: PROVIDE THE FOLLOWING:

1) ONE-PART FIRE-STOPPING SEALANT: ONE PART LATEX BASED INTUMESCENT SEALANT FORMULATED FOR USE IN A THROUGH-PENETRATION FIRE-STOP SYSTEM FOR SEALING OPENINGS AROUND CABLES, CONDUIT, PIPES AND SIMILAR PENETRATIONS THROUGH WALLS AND FLOORS.

18. TESTS

A. BEFORE MAKING TESTS, COMPLETE ALL CONNECTIONS AT PANELS, FIXTURES AND OTHER EQUIPMENT. INSTALL FUSES AND HAVE ALL WIRING CONTINUOUS FROM SERVICE EQUIPMENT TO UTILIZATION OUTLETS. CORRECT ALL UNDESIRABLE GROUND, OPEN AND SHORT CIRCUIT CONDITIONS.

B. PROVIDE SOURCE OF TEMPORARY POWER FOR MAKING TESTS IF NORMAL BUILDING POWER IS NOT AVAILABLE AT THE TIME.

C. TAKE AND RECORD THE FOLLOWING READINGS ON SYSTEMS 600 VOLTS AND BELOW:

1) MEGGER TESTS OF ALL FEEDER CIRCUIT CONDUCTORS, GROUND CONDUCTORS, AND CONDUIT GROUND.

2) AMMETER READINGS ON ALL PHASES AND NEUTRAL OF EACH FEEDER TO INDICATE BALANCE.

3) AMMETER READINGS ON ALL PHASES OF EACH POLYPHASE MOTOR. INCLUDE NAMEPLATE FULL LOAD CURRENT OF EACH MOTOR ON DATA SHEET.

4) CERTIFY THAT ALL OVERLOAD DEVICES HAVE BEEN SET IN ACCORDANCE WITH DATA SHOWN ON THE DRAWINGS AND/OR MANUFACTURER'S RECOMMEND SETTING.

D. SEND FINAL CERTIFIED TEST REPORTS AND CERTIFICATIONS TO THE ENGINEER FOR APPROVAL AND TRANSMITTAL TO THE OWNER.

19. DEMONSTRATION OF COMPLETE ELECTRICAL SYSTEMS

A. SUBMIT WRITTEN CERTIFICATION THAT ELECTRICAL SYSTEMS ARE COMPLETE AND OPERATIONAL. SUBMIT CERTIFICATION WITH CONTRACTOR'S REQUEST FOR FINAL REVIEW.

B. AT THE TIME OF FINAL REVIEW OF ELECTRICAL WORK, DEMONSTRATION THE OPERATION OF ELECTRICAL SYSTEMS. FURNISH LABOR, APPARATUS AND EQUIPMENT FOR SYSTEMS' DEMONSTRATION. THE VARIOUS TEST SHALL BE WITNESSED BY AND THE OWNER OF HIS REPRESENTATIVE.

C. THE CONTRACTOR SHALL FURNISH ALL TEST EQUIPMENT, MATERIALS, LABOR, AND TEMPORARY POWER HOOK-UPS TO PERFORM START-UP AND ALL TESTS AS REQUIRED TO OBTAIN FINAL FIELD ACCEPTANCE FROM OWNER. ALL TESTS SHALL BE CONDUCTED IN THE PRESENCE OF THE OWNER OR HIS REPRESENTATIVE. ALL TEST PROCEDURES SHALL CONFORM TO THIS SPECIFICATION AND APPLICABLE STANDARDS THE SAME AS RECOMMENDED BY OSHA, NFPA, ETC.

D. ONE-CONTRACTOR'S COPY OF RELEVANT COPIES FOR ALL TESTS AND TEST RECORD TESTING SHALL BE PERFORMED BY AND UNDER THE IMMEDIATE SUPERVISION OF THE CONTRACTOR. TEST RECORD SHALL BE KEPT FOR EACH PIECE OF EQUIPMENT. COPIES SHALL BE FURNISHED TO THE ENGINEER FOR REVIEW AND/OR APPROVAL.

E. A VISUAL INSPECTION OF ALL ELECTRICAL EQUIPMENT, TO CHECK FOR THE FOREIGN MATERIAL, TIGHTNESS OR WIRING AND CONNECTION, PROPER GROUNDING, MATCHING NAMEPLATE CHARTS WITH SPECIFICATION, ETC., SHALL BE MADE PRIOR TO ACTUAL TESTING.

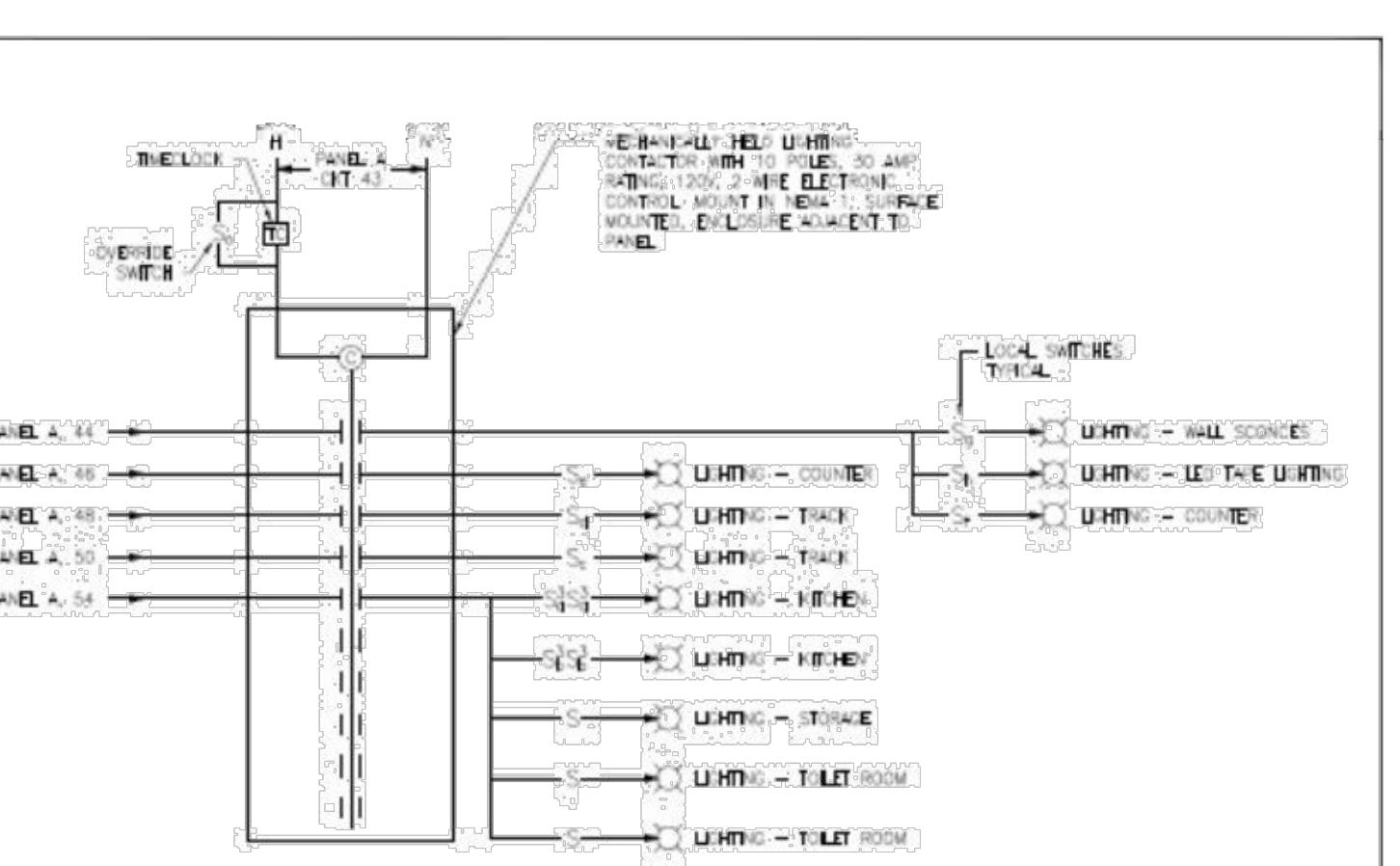
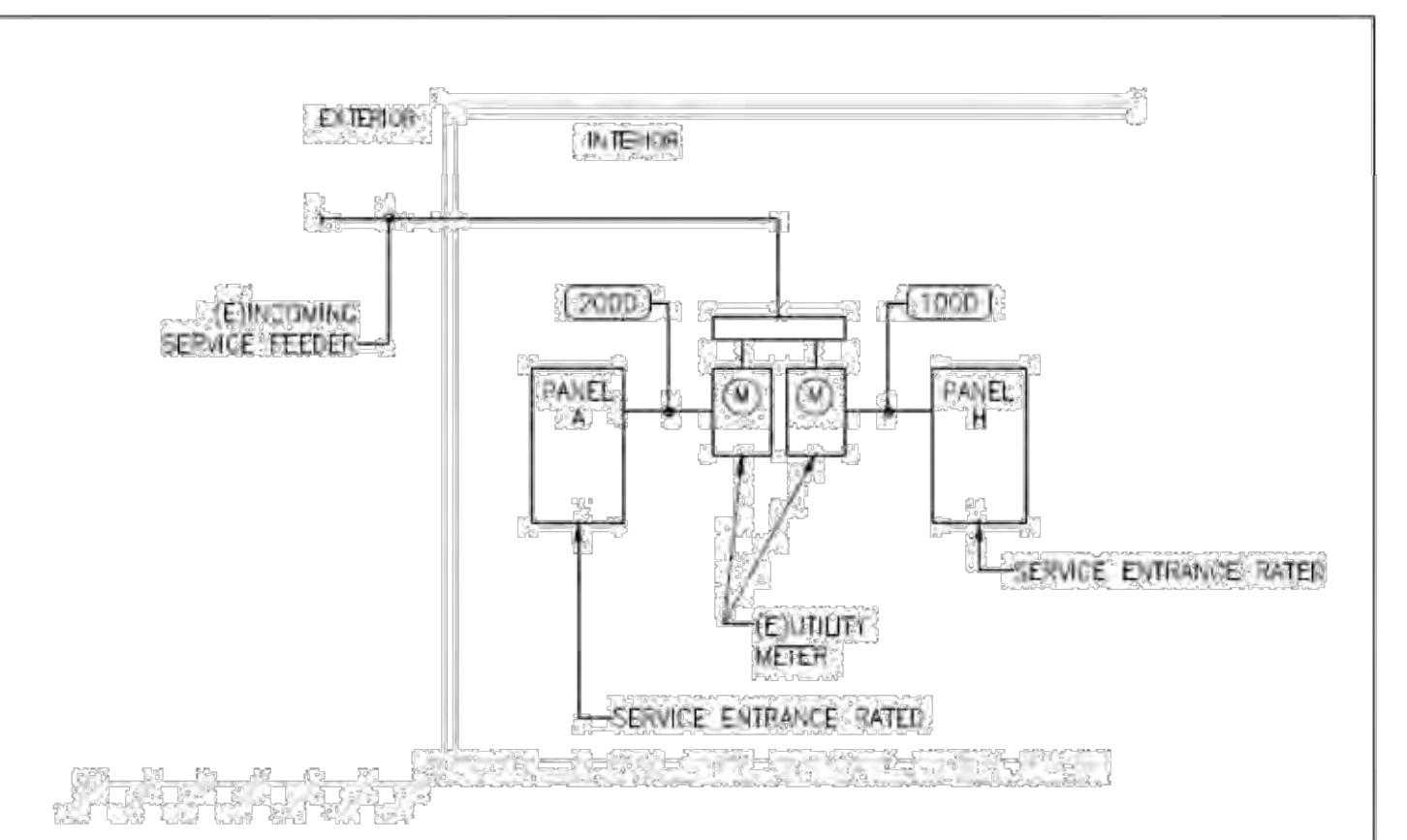
20. SPECIAL ENGINEERING SERVICES

A. IN THE INSTANCE OF COMPLEX OR SPECIALIZED ELECTRICAL SYSTEMS SUCH AS EMERGENCY SYSTEM FIRE ALARM OR SIMILAR MISCELLANEOUS SYSTEMS, THE INSTALLATION, FINAL CONNECTIONS AND TESTING OF SUCH SYSTEMS SHALL BE MADE UNDER THE DIRECT SUPERVISION OF COMPETENT AUTHORIZED SERVICE ENGINEERS WHO SHALL BE IN THE EMPLOY OF THE RESPECTIVE EQUIPMENT MANUFACTURER.

B. ANY AND ALL EXPENSES INCURRED BY THESE EQUIPMENT MANUFACTURERS' REPRESENTATIVES RELATED TO THIS PROJECT, SHALL BE BORNE BY THE ELECTRICAL CONTRACTOR.

21. DESIGN MODIFICATIONS

A. DRAWINGS SHOW ELECTRICAL SYSTEMS, WHICH SUPPLY, CONTROL, AND/OR MONITOR SYSTEMS SPECIFIED ELSEWHERE. THE ELECTRICAL SYSTEM SHOWN HAS BEEN BASED ON SPECIFIC MANUFACTURERS DATA OR INFORMATION CONVEYED TO THE ELECTRICAL DESIGNER. WHERE ANY AGREEMENT OR CHANGE IS MADE TO SUPPLY EQUIPMENT OR LARGER CAPACITY OR DIFFERENT ELECTRICAL CHARACTERISTICS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE ELECTRICAL SYSTEM TO EFFECT SUCH CHANGES WITHIN THE INTENT OF THESE SPECIFICATIONS AND TO INFORM THE ENGINEER, IN WRITING, OF SUCH CHANGE.



PLUMBING AND ACCESSORY SCHEDULE					
TAG	TYPE	MANUFACTURER	STYLE/MODEL NO.	ACCESSORY	COMMENTS
WC-1	TANK TYPE FLOOR MOUNTED	GERBER	21-518	SEAT: WHITE WITH TRU-BRO PROTECTION	OR EQUAL
LAV-1	RESTROOM SINK - ADA AND FAUCET	GERBER	12-884	FAUCET: MOEN CHATEAU L4621-CHROME WITH WATTS LF1107 WITH TRU-BRO PROTECTION	OR EQUAL
WH-1	WATER HEATER	-	60 GALLON	4.5 KW, 120 V	OR EQUAL
MS-1	MOP SINK	FIAT	MSB 2424, 24X24 IN. X 10 IN. HIGH MOLDED STONE RECEPTOR W- 2 ALUMINUM BUMPER GUARDS	T&S B-0665	OR EQUAL

PLUMBING SYMBOLS & ABBREVIATIONS

<u>S</u>	SANITARY SYSTEM PIPING	AFF	ABOVE FINISHED FLOOR
<u>AP</u>	SANITARY VENT SYSTEM PIPING	AP	ACCESS PANEL
<u>AD</u>	AREA DRAIN	AD	
<u>BP</u>	BACKFLOW PREVENTER	BP	
<u>CI</u>	CAST IRON	CI	
<u>FC</u>	FLOOR CLEANOUT	FC	
<u>DN</u>	COLD WATER	DN	Down
<u>FD</u>	FLOOR DRAIN	FD	
<u>HB</u>	HOSE BIB	HB	
<u>HW</u>	HOT WATER	HW	
<u>HWR</u>	HOT WATER RETURN	HWR	
<u>IE</u>	INVERT ELEVATION	IE	
<u>RWC</u>	RAIN WATER CONDUCTOR	RWC	
<u>R</u>	RELOCATED	R	
<u>S</u>	SOIL	S	
<u>SA</u>	SOIL STACK	SA	
<u>SS</u>	SPECIFIC SOURCE	SS	
<u>UP</u>	UP	UP	
<u>V</u>	Vents	V	
<u>VF</u>	VERIFY IN FIELD	VF	
<u>VTR</u>	VENT THROUGH ROOF	VTR	
<u>W</u>	Waste	W	
<u>WC</u>	WALL CLEANOUT	WC	
<u>WS</u>	WASTE STACK	WS	
<u>ZVB</u>	ZONE VALVE BOX	ZVB	

RELEASED FOR CONSTRUCTION

NO.	DESCRIPTION	BY	DATE

SANITARY PLAN	
SHEET DESCRIPTION:	

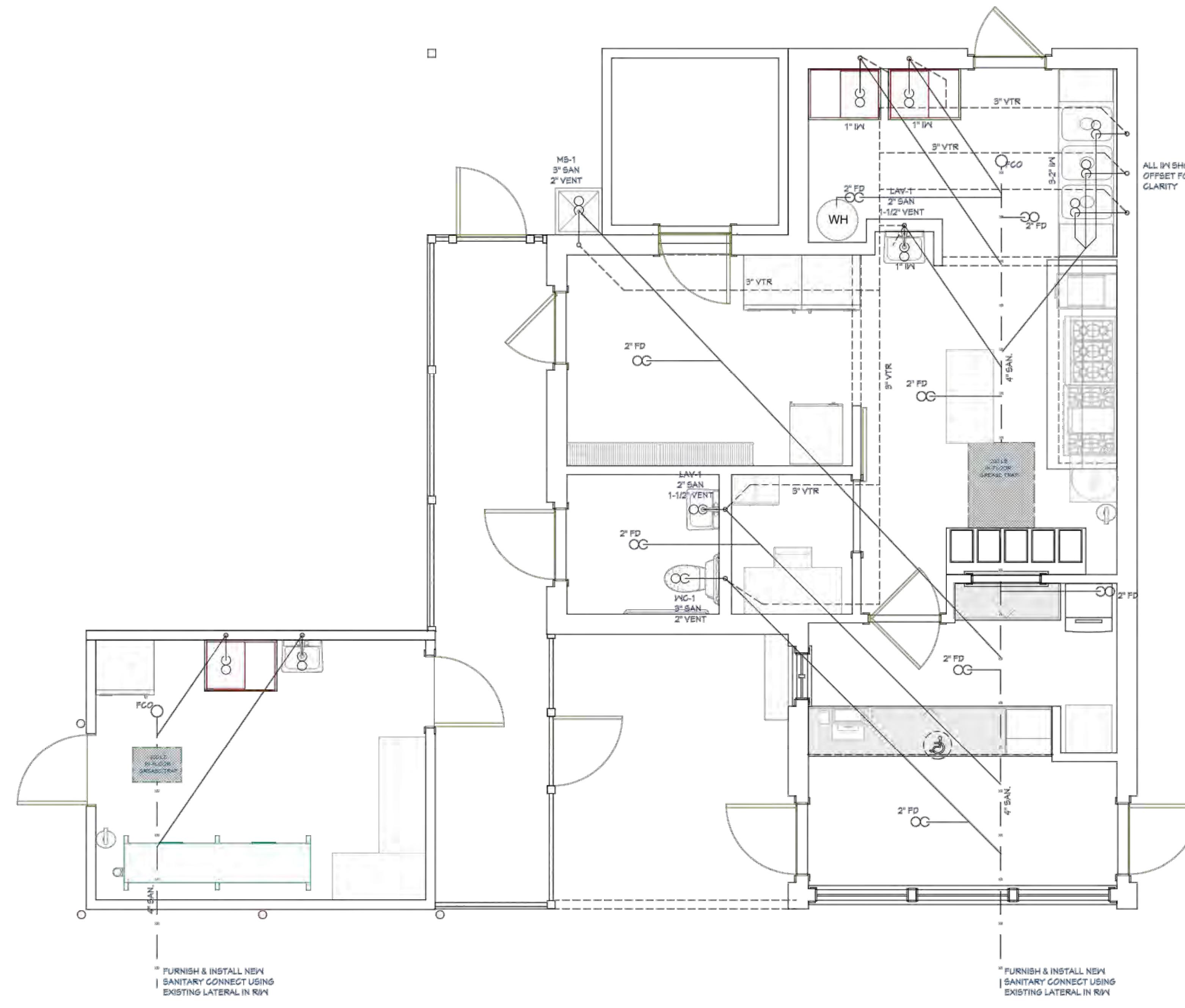
PROJECT DESCRIPTION & ADDRESS:	DAT FIRE JERK CHICKEN NEW CONSTRUCTION 226 NORTHSIDE DRIVE ATLANTA, GEORGIA 30313
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DRAWINGS PROVIDED BY:	KEY DESIGNS / SHONA GRIFFIN 2611 CAROL CIRCLE DOUGLASSVILLE, GEORGIA 30135 KEYDESIGNS2007@YAHOO.COM 404-438-5497
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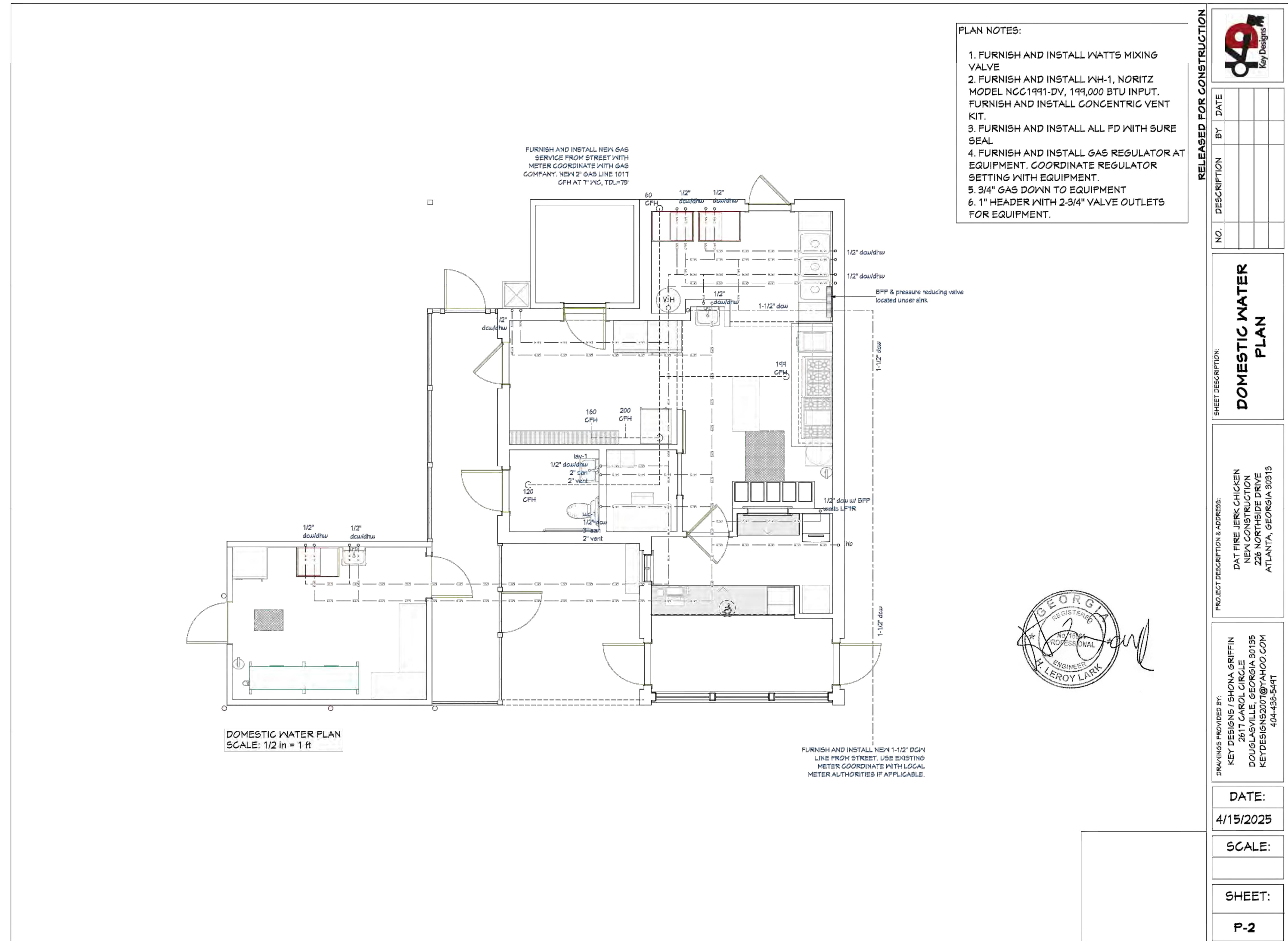
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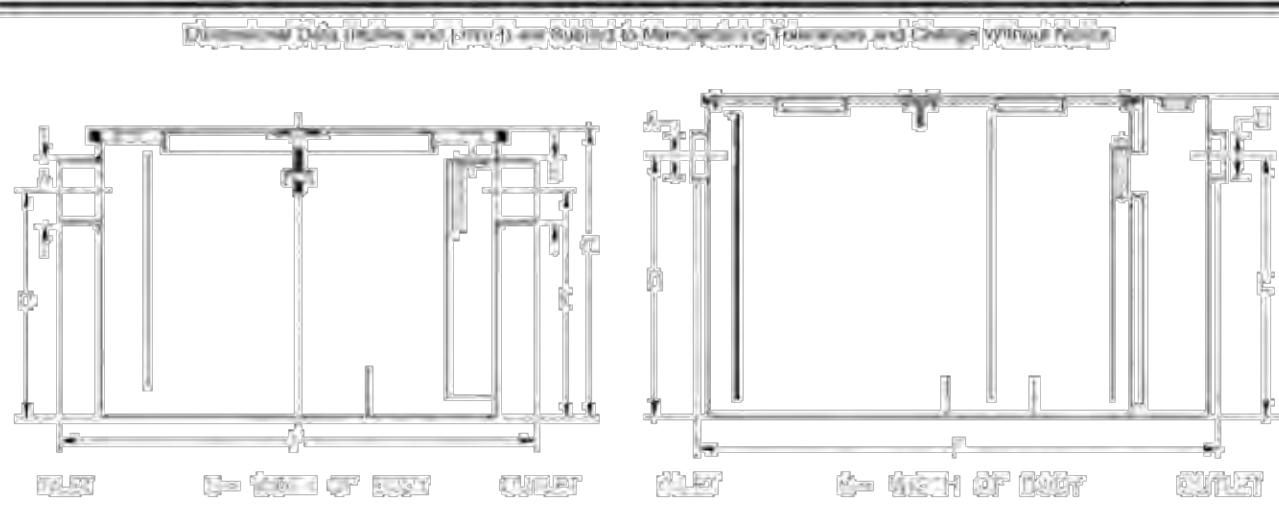
NOTE:

- INSTALL TRAP PRIMER AT ALL FLOOR DRAIN
- FREEZE PROTECTION REQUIRED FOR PIPING ROUTED OVER NON-HEATED SPACES AND EXTERIOR MOUNTED FIXTURES.
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PLUMBING SPECIFICATION CODES & STANDARDS <p>THE FOLLOWING CODES AND STANDARDS SHALL BE FOLLOWED FOR ALL WORK AND INTENT IN THIS PROJECT:</p> <ol style="list-style-type: none"> 1. 2024 NATIONAL STANDARD PLUMBING CODE 2. NFPA 54 - NATIONAL FUEL GAS CODE <p>GENERAL REQUIREMENTS</p> <ol style="list-style-type: none"> 1.) COORDINATE WORK AND EQUIPMENT OF MECHANICAL TRAPS WITH WORK AND EQUIPMENT SPECIFIED ELSEWHERE TO ASSURE COMPLETE AND APPROPRIATE INSTALLATION. PERIODIC PIPE, SUCH AS EXCAVATION, BACKFILL, CONCRETE, FLASHING, ETC., REQUIRED UNDER DIVISION 15 IN ACCORDANCE WITH REQUIREMENTS OF APPLICABLE DIVISION OF SPECIFICATIONS. 2.) EXCEPT WHEN OTHERWISE SHOWN ON THE CONTRACT DRAWINGS OR SPECIFIED, TERMINATE VENTS PASSING THROUGH ROOF 24 INCHES ABOVE ROOF. 3.) WHERE DEVICES, SUCH AS VALVES, DAMPERS, TRAPS, JUNCTION BOXES, ETC., ARE CONCEALED IN CONSTRUCTION OR BEHIND WALL OR CEILING SURFACE, AND WHERE ACCESS PANELS ARE NOT INDICATED ON DRAWINGS, FURNISH ACCESS PANEL OF ADEQUATE SIZE TO PERMIT SERVICE OR ADJUSTMENT OF SUCH CONCEALED DEVICE, BUT IN NO CASE SHALL PANEL BE LESS THAN 12"X18". <p>PIPING</p> <ol style="list-style-type: none"> 1.1 DOMESTIC HOT AND COLD WATER PIPING: <ol style="list-style-type: none"> ABOVE GROUND PIPE: COPPER TUBING, TYPE L, DRAWN TEMPER, CONFORMING TO ASTM B 88. BELLOW GROUND PIPE: PIPE SHALL BE COPPER TUBING TYPE K CONFORMING TO ASTM B 88. C. FITTINGS: WROUGHT COPPER, SOLDER JOINT, CONFORMING TO ANSI B16.22. 2.1 STORM, VENT, AND SANITARY PIPE: <ol style="list-style-type: none"> A. UNDERGROUND, WITHIN BUILDING, SERVICE WEIGHT, EXTERNALLY COATED CAST IRON HUB-AND-SPIGOT SOIL PIPE AND FITTINGS, CONFORMING TO ASTM A 14, WITH CAULKED OAKUM AND LEAD JOINTS, OR WITH ELASTOMER FUSION JOINTS WITH MULTI-TITE GASKET AS MANUFACTURED BY U.S. PIPE AND FITTINGS CO. B. ABOVE GROUND, WITHIN BUILDING, SERVICE WEIGHT, COATED HUBLESS, CAST IRON SOIL PIPE AND FITTINGS CONFORMING TO CIEPI 201 AND ASTM A-888 WITH JOINTS MADE OF NEOPRENE SEALING SLEEVE SURROUNDING BY SERIES 200 STAINLESS STEEL SHIELD AND CLAMP ASSEMBLY. C. PIPING SMALLER THAN 2 INCHES IN DIAMETER SHALL BE COPPER TUBE TO ASTM B 306, TYPE DWV, DRAWN TEMPER FOR NONPRESSURE APPLICATION, WITH CAST BRONZE SOLDER-JOINT DRAINAGE FITTINGS CONFORMING TO ANSI B16.23 OR NARRUGED COPPER SOLDER-JOINT DRAINAGE FITTINGS WITH DIMENSIONS TO ANSI B16.24, ALTERNATE: POLYVINYL CHLORIDE (PVC) SCHEDULE 40 DWV TYPE PIPE AND FITTINGS CONFORMING TO ASTM D 3034 SUITABLE FOR SOLVENT CEMENT JOINTS. (APPROVED FOR NON-PLUMBER AREAS) D.1) NATURAL GAS PIPING: <ol style="list-style-type: none"> A. FOR ABOVE GROUND, INTERIOR GAS PIPING 3 INCH AND SMALLER: BLACK STEEL PIPE CONFORMING TO ASTM A 53 GRADE B, DIMENSIONS TO ANSI B36.10, WITH PIPE SIZE 1/2" AND 1" APPROVABLE IRVING. B. TESTING AND CLEANING OF SYSTEMS: <ol style="list-style-type: none"> A. BEFORE TESTING, COMPLETE THE INSTALLATION OF EACH PIPE LINE, INCLUDING FINAL SUPPORTS, HANGERS AND ANCHORS, INSULATION AND PAINTING. GLEAN PIPING AND EQUIPMENT OF METAL CUTTINGS AND FOREIGN MATTER AS THEY ARE AND IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS. B. TEST: DOMESTIC WATER SYSTEMS: 165 PSI; 30 MINUTES C. TEST: SANITARY AND STORM WATER SYSTEM: STATIC FILL - NO LEAKAGE; 30 MINUTES D. FLUSHING: FLUSH CLEAN WITH NEAT POTABLE WATER AND DRAINED AT ALL LOWPOINTS. CONNECTED EQUIPMENT (COILS, ETC.) SHALL BE ISOLATED AND FLUSHED INDIVIDUALLY. E. SANITIZATION: FILL PIPING SYSTEM INSIDE BUILDING, BEGINNING AT POINT OF MAIN SHUT-OFF VALVE, WITH SOLUTION 100 PPM OF AVAILABLE CHLORINE. RETAIN SANITIZATION IN SYSTEMS FOR NOT LESS THAN 4 HOURS, DURING WHICH TIME ALL VALVES AND FAUCETS SHALL BE OPENED FOR FLUSHING, UNTIL CHLORINE IS NO LONGER DETECTED. DRAIN SYSTEM. F. AFTER SANITIZATION, FLUSH SOLUTION FROM SYSTEM WITH CLEAN DRINKING WATER UNTIL RESIDUAL CHLORINE CONTENT IS NOT GREATER THAN 1.0 PPM AT EXTREME END OF SYSTEM. <p>VALVES</p> <ol style="list-style-type: none"> 1.1 DOMESTIC WATER VALVES (WATTS, STOCKHAM, WATTS, APOLLO): <ol style="list-style-type: none"> A. SHUT-OFF VALVES - 2 IN. AND SMALLER: BALL VALVES CLASS 600, TWO PIECE DESIGN, BRONZE BODY, CHROME PLATED BALL, REINFORCED TEFON SEATS, BLOWOUT PROOF STEM, THREADED ENDS. B. CHECK VALVES - 2 IN. AND SMALLER: CLASS 125, BRONZE BODY, SWING TYPE BRONZE DISC, THREADED ENDS. 2.1 NATURAL GAS VALVES (HAMMOND, WATTS, STOCKHAM, DEZURIK): <ol style="list-style-type: none"> A. VALVES 2 IN. AND SMALLER: U.L. LISTED A.G.A APPROVED, TWO PIECE, FULL PORT, CARBON STEEL, BALL VALVE, WITH STAINLESS STEEL BALL, PRESSURE RATED STEM, RPTFE SEATS, THREADED ENDS RATED AT 1500 PSI WOB. B. EMERGENCY SHUT-OFF : VALVE TO BE C.G.A. CERTIFIED, U.L. LISTED SOLENOID NORMALLY OPEN TYPE, RATED FOR MINIMUM OF 5 PSI, WITH ALUMINUM BODY, NBR SEALS, DISC AND DIAPHRAGM, STAINLESS STEEL SPRINGS, CORE AND PLUNGET AS MANUFACTURED BY ASCO SERIES B215 OR APPROVED EQUAL. 120V/1PH/60HZ. <p>HANGERS</p> <ol style="list-style-type: none"> 1.1 GENERAL: <ol style="list-style-type: none"> A. PROVIDE HANGERS AND SUPPORTS MANUFACTURED BY B-LINE, ELCEN METAL PRODUCTS OR GRINNELL, UNLESS OTHERWISE SPECIFIED. B. EXCEPT AS OTHERWISE INDICATED PROVIDE FACTORY-FABRICATED PIPE HANGERS, SUPPORTS, RISER CLAMPS, ROD ATTACHMENTS, BUILDING ATTACHMENTS, SHEAR AND SADDLES, OF THE FOLLOWING MSS TYPES LISTED, TO SUIT PIPING SYSTEMS. C. SELECT AND APPLY SUPPORTS IN ACCORDANCE WITH MSS SP-64 AND MANUFACTURER'S PUBLISHED PRODUCT INFORMATION. D. SELECT SIZE OF HANGERS AND SUPPORTS TO FIT PIPE SIZE FOR BARE PIPING, AND TO FIT AROUND PIPING INSULATION WITH SADDLE OR SHEAR FOR INSULATED PIPING. E. PROVIDE PLASTIC COATED OR COPPER-PLATED HANGERS AND SUPPORTS FOR COPPER-PIPING SYSTEMS. F. EQUIPMENT: <ol style="list-style-type: none"> A. HORIZONTAL PIPE HANGERS: ADJUSTABLE STEEL CLEVIS HANGERS: MSS TYPE 1; ADJUSTABLE STEEL BAND HANGERS: MSS TYPE 7; B. INSTALLATION: <ol style="list-style-type: none"> A. ALL PIPE HANGERS, SUPPORTS, CLAMPS, AND ATTACHMENTS TO SUPPORT PIPING PROPERLY FROM BUILDING STRUCTURE, AND COMPLYING WITH MSS SP-64, SP-24, AND ENFORCED PLUMBING CODE, DO NOT USE WIRE OR PERFORATED METAL TO SUPPORT PIPING, AND DO NOT SUPPORT PIPING FROM OTHER PIPING. B. ARRANGE FOR GROUPING OF PARALLEL RUNS OF HORIZONTAL PIPING TO BE SUPPORTED TOGETHER ON TRAPEZE TYPE HANGERS WHERE POSSIBLE. C. INSTALL ADDITIONAL BUILDING ATTACHMENTS WHERE SUPPORT IS REQUIRED FOR ADDITIONAL CONCENTRATED LOADS, INCLUDING VALVES, FLANGES, GUIDES, STRAINERS, EXPANSION JOINTS, AND AT CHANGES IN DIRECTION OF PIPING. D. INSTALL HANGERS AND SUPPORTS COMPLETE WITH NECESSARY INSERTS BOLTS, RODS, NUTS, WASHERS AND OTHER ACCESSORIES. E. NOT USED F. INSTALL HANGERS AND SUPPORTS TO ALLOW CONTROLLED MOVEMENT OF PIPING SYSTEMS AND TO PERMIT FREEDOM OF MOVEMENT BETWEEN PIPE ANCHORS, AND TO FACILITATE ACTION OF EXPANSION JOINTS, EXPANSION LOOPS, EXPANSION BENDS AND SIMILAR UNITS, IF PROVIDED. G. PROVIDE A SUPPORT NOT OVER ONE FOOT FROM EACH CHANGE IN DIRECTION PIPE FITTING JOINT AND NOT OVER FIVE FEET FROM A VALVE. <p>PIPE PENETRATIONS AND SLEEVES</p> <ol style="list-style-type: none"> 1.1 GENERAL: <ol style="list-style-type: none"> A. FOR ALL PENETRATIONS, PROVIDE PIPE SLEEVE 2 PIPE DIAMETERS LARGER THAN PASSING PIPE. B. HILT, SM, APPROVED MANUFACTURERS C. INSULATION: <ol style="list-style-type: none"> A. PROVIDE MINERAL FIREPROOFING FILLER MATERIAL IN THICKNESSES REQUIRED FOR EACH PIPE SLEEVE. B. PROVIDE CLOSED-CELL POLYETHYLENE FOAM OR OPEN-CELL POLYURETHANE FOAM BACKUP STRIP FOR FILLER MATERIAL. C. PROVIDE BUTYL ELASTOMER OR EPOXIDIZED POLYURETHANE TERPOLYMER FLEXIBLE VAPOR BARRIER SEALANT FOR SEALING BOTH ENDS OF PIPE SLEEVE. D. FIRE RATED CONSTRUCTION: <ol style="list-style-type: none"> A. ALL PIPE PENETRATION SEAL SYSTEMS SHALL BE UL APPROVED AND APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION FOR THE APPLICATION. B. PROVIDE SMOKE-TIGHT AND FIRE-TIGHT SEAL USING AN INTUMESCENT ELASTOMERIC MATERIAL IN PUTTY OR CAULK FORM. C. REMOVE INSULATION FROM PIPING AT THE PORTION OF THE PIPE PASSING THROUGH THE SLEEVE. <p>INSULATION</p> <ol style="list-style-type: none"> 1.1 APPROVED MANUFACTURERS: <ol style="list-style-type: none"> A. FIBERGLASS PIPING AND DUCTWORK INSULATION: JOHN MANVILLE, KNAUF, OWENS-CORNING. B. FIBERGLASS PIPE INSULATION: PIPE INSULATION, MEETING ASTM STANDARD C 547, CONSISTING OF INORGANIC GLASS FIBERS BONDED WITH THERMOSETTING RESIN, MOLED INTO TUBULAR SECTIONS SPLIT LENGTHWISE, MANUFACTURER: JOHN-MANVILLE MICRO-LOK A.P.T. JACKETS SHALL BE FACTORY-APPLIED, COMPOSITE WITH INSULATION, WITH MAXIMUM WATER VAPOR PERMEANCE OF 0.02 PERMS, FABRICATED FROM WHITE KRAFT PAPER BONDED TO ALUMINUM FOIL, REINFORCED WITH FIBERGLASS SCRIM. C. EXECUTION: <ol style="list-style-type: none"> A. APPLY INSULATION ON CLEAN, DRY SURFACES AFTER LEAKAGE AND OTHER TESTS HAVE BEEN COMPLETED. B. FOR DOMESTIC COLD AND HOT WATER SYSTEMS PROVIDE 1 IN. FIBERGLASS INSULATION. <p>PLUMBING SPECIALTIES</p> <ol style="list-style-type: none"> 1.1 BACKFLOW PREVENTERS (ON DOMESTIC WATER LINES) SHALL BE SIMILAR TO WATTS SERIES 604, REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER, ALL BRONZE CONSTRUCTION, WITH STAINLESS STEEL TRIM, FOR SIZE UP TO 2 IN. AND EPOXY COATED CAST IRON BODY WITH BRONZE SEATS AND STAINLESS STEEL TRIM FOR 2-1/2 INS. AND LARGER, WITH EPOXY COATED FDA APPROVED STRAINER AND EPOXY COATED SHUT-OFF VALVES (BALL TYPE FOR UP TO 3 IN. DIA. AND 0.5. AND Y. TYPE FOR 4 IN. DIA. AND LARGER). 2.1 SHOCK ABSORBERS - MARK 5A: J.R. SMITH NO. 5000 SERIES ALL STAINLESS STEEL DESIGNED TO LAST LIFE OF PIPING, TYPE A - NO. 5005, TYPE B - NO. 5010, TYPE C - NO. 5020, TYPE D - NO. 5030; OR PRECISION PLUMBING PRODUCTS, INC., "SC" SERIES, PISTON OPERATED, TYPE C COPPER BARREL WITH BRASS THREADED ADAPTER DESIGNED TO LAST LIFE OF PIPING, TYPE A - SC-500, TYPE B - SC-100, TYPE D - SC-1200. A. PROVIDE MANUFACTURED COLOMBOIDS, OF STAINLESS STEEL, ON BOTH DOMESTIC COLD AND HOT WATER LINES INSTALL IN UPRIGHT POSITION AT ALL QUICK CLOSING VALVES AND COLOMBOIDS. LOCATE AND SIZE IN ACCORDANCE WITH PLUMBING AND DRAINAGE INSTITUTE'S STANDARDS. <p>CLEANOUTS AND PLATES: J.R. SMITH MODELS AS INDICATED BELOW:</p> <ol style="list-style-type: none"> 1.1 APPROVED INSTALLATION TYPES: <ol style="list-style-type: none"> A. FINISHED FLOOR: J.R. SMITH 4025, DUGG CAST IRON BODY AND FRAME, WITH ROUND ADJUSTABLE SCORIATED SECURED NICKEL BRONZE TOP, TAPER THREAD BRONZE PLUG. B. EXECUTION: <ol style="list-style-type: none"> A. PROVIDE CLEANOUTS ON ALL DRAINAGE PIPING AT 50 FT. INTERVALS ON LINES UP TO 4 IN. AND 100 IN. APART ON LINES OVER 4 IN. IN DIAMETER AT EACH CHANGE IN DIRECTION OF 45 DEGREES OR MORE, AT EACH ADDITIONAL LOCATION SHOWN ON THE DRAWINGS; CLEANOUTS SHALL BE FULL SIZE FOR PIPES UP TO 4 IN. AND NOT LESS THAN 4 IN. FOR LARGER PIPES. <p>FIXTURES</p> <ol style="list-style-type: none"> 1.1 GENERAL: <ol style="list-style-type: none"> A. FIXTURES SHALL BE FREE FROM IMPERFECTION, TRUE AS TO LINE, ANGLES, CURVES, AND COLOR; SMOOTH, WATERTIGHT, AND PRACTICALLY NOISELESS IN OPERATION. B. VALVES, ESCUTCHEONS, FAUCETS, TRAPS, EXPOSED PIPING, ETC., SHALL BE BRASS, CHROME PLATED OVER NICKEL PLATE WITH SATIN FINISH, ANY HANGER NUTS VISIBLE SHALL LIKEWISE BE CHROME PLATED OVER NICKEL PLATE. C. BEFORE ROUGHING WORK IS STARTED, SUBMIT TO THE DESIGNER COMPLETE FIGURED DRAWINGS AND CUTS OF EACH AND ALL OF THE PLUMBING FIXTURES, FITTINGS, TRIMMING, ETC., AND SECURE APPROVAL BEFORE PROCEEDING WITH THE INSTALLATION OF ANY WORK. D. PROVIDE ALL HANGERS, SUPPORTS, BRACKETS, ETC., FOR THE PROPER INSTALLATION OF ALL FIXTURES REQUIRING OF THE FIXTURES, AND IF BUILT INTO PARTITIONS OR WALL SHALL BE SET AS THE WALL PROGRESSES. E. ALL FIXTURES SHALL THE STANDARD RECOMMENDED MOUNTING HEIGHTS INDICATED BY THE FIXTURE MANUFACTURER OR AS REQUIRED THE DESIGNER LAND AND DETAILS. 	
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GENERAL NOTES <p>1. THE ENTIRE PLUMBING SYSTEM SHALL BE IN ACCORDANCE WITH THE ADOPTED PLUMBING CODE AND THE LOCAL PLUMBING INSPECTOR.</p> <p>2. ALL WORK SHALL BE COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION. CONTRACTOR SHALL PROVIDE ANY NECESSARY OFFSETS, REROUTING, ETC. REQUIRED FOR A COMPLETE AND COORDINATED INSTALLATION.</p> <p>3. THESE PLANS ARE DIAGRAMMATIC, CONTRACTOR SHALL PROVIDE ALL NECESSARY OFFSETS, TEES, ELBOWS, TRAPS, STOPPS ETC FOR A COMPLETE WORKING PLUMBING SYSTEM.</p> <p>4. THE CONTRACTOR SHALL OBTAIN AND PAY ALL FEES RELATED TO PERMITTING, INSPECTIONS, TAPS, ETC.</p> <p>5. ALL WASTE PIPING SHOWN IS BELOW SLAB/INTWALLS, IN CASEWORK, OR CONNECTED TO FIXTURES, UNLESS NOTED OTHERWISE.</p> <p>6. ALL VENT PIPING SHOWN IS ABOVE CEILINGS/INTWALLS UNLESS NOTED OTHERWISE.</p> <p>7. ALL PIPING SYSTEMS SHALL BE SUPPORTED AS REQUIRED BY THE ADOPTED PLUMBING CODE AND MANUFACTURER'S RECOMMENDATIONS.</p> <p>8. ALL PIPING PENETRATIONS THRU NEW WALLS/FLOORS SHALL BE SEALED TO EQUAL THE RATING OF THE NEW WALL OR FLOOR.</p> <p>9. THE PLUMBING CONTRACTOR SHALL COORDINATE ALL UNDERSLAB PLUMBING PIPING WITH ALL STRUCTURAL FOUNDATIONS AND WITH SITE UTILITY ELEVATION INVERTS.</p> <p>10. THE ENTIRE DOMESTIC WATER SYSTEM SHALL BE DISINFECTED AND TESTED IN ACCORDANCE TO THE PLUMBING CODE.</p> <p>11. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN THE DOCUMENTATION SHOWN ON THE PLANS & ACTUAL FIELD CONDITIONS.</p> <p>12. ALL HORIZONTAL SOIL, WASTE & STORM PIPING 3" & UNDER SHALL SLOPED @ 1/4" /FT. ALL HORIZONTAL SOIL, WASTE & STORM PIPING 4" & ABOVE SHALL SLOPED @ 1/8" /FT. UNLESS OTHERWISE NOTED.</p>	
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ZURN GT2700 GREASE INTERCEPTOR SPECIFICATION SHEET TAG	
	
GT2700-4 through GT2700-50 GT2700-75 & GT2700-100	

Model Number	A/B Inch/Inch In-Hub	Flow Rate G.P.M. [L/s]	Capacity Gross Lbs. [kg]	Dimension in Inches		
				C	D/E	F
GT2700-4	1/2 (1)	4 [118]	8 [4]	10 [254]	7 1/4 [184]	16-3/8 [419]
GT2700-7	2 (5)	7 [180]	14 [61]	11-1/8 [293]	8 1/4 [208]	17-3/8 [438]
GT2700-10	2 (5)	10 [260]	20 [91]	11-3/4 [298]	8-1/4 [210]	19-3/8 [452]
GT2700-15	2 (5)	15 [381]	30 [134]	9-3/4 [238]	21-3/4 [552]	18-3/4 [435]
GT2700-20	3 (7)	20 [514]	40 [180]	11-3/8 [298]	24-5/8 [625]	17-7/8 [438]
GT2700-25	3 (7)	26 [644]	50 [229]	11-3/8 [298]	27-7/8 [710]	19-7/8 [455]
GT2700-35	4 (102)	36 [912]	70 [321]	18-3/4 [476]	34-3/8 [866]	28-1/2 [727]
GT2700-50	4 (102)	40 [1093]	100 [455]	21-1/2 [546]	36 [906]	30-3/8 [777]
GT2700-75	4 (102)	75 [203]	150 [683]	22-3/4 [587]	48-1/2 [1200]	40-1/4 [1022]
GT2700-100	4 (102)	100 [239]	200 [911]	27 [686]	43 [584]	44 [1118]

GT2700 Grease Interceptor
 Recommended for removing and retaining grease from wastewater in kitchen and restaurant areas where food is prepared. Grease trap is transition-resistant coated stainless steel with in-hub connections, flow diffusing baffle, integral trap, and vented inlet flow control device.

OPTIONS

JP2700 6 [152] Extension



* Similarly furnished unless otherwise specified.

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Reg. #

Date: 2/15/2018

C/N: No. 13958

Prod. J. No. GT2700

Ver. 0000000000

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PIPE HANGER CHART			
PIPE DIAMETER	STEEL PIPE	COPPER	ROD SIZE
1/2"	8	5	3/8"
3/4"	9	5	3/8"
1"	9	6	3/8"
1-1/4"	9	7	3/8"
1-1/2"	12	8	3/8"
2"	13	8	3/8"
2-1/2"	14	9	1/