IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 232303

SEPTIC IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4747904203.120

APPLICANT/OWNER: Barry Mitchell APPLICANT ADDRESS: 147 Troy Mill RD Hamptonville NC 27020

SITE ADDRESS: 120 Jennings Rd Statesville NC 28625 PHONE: ALT. PHONE

SITE DIRECTIONS: Exit 54 Hwy 21 N ⓒ on Jennings Site on Right, Behind the Gas Station. SAP CONTROLLED: ☑ YES ☐ NO

SUBDIVISION: Lora B. Fox Pro SECTION: ~ LOT # 1-16 LOT AREA: 2.65 DESIGN FLOW: 200 gpd. L.T.A.R.: .30

Septic Tank	1000	(gal)	STB	851	Date	4-10-18.	☑ New System	☐ Repair	☐ Expansion
Pump Tank	-	(gal)	PT		Date		System Type: I II (III) IV V VI		
Pump Make	-	Model			Serial #		System Description:	25% Reduction	
# Nitrification Fields	1	# Lines	4		Linear Ft	200	Repair System Description:	50% Reduction	
Trench Width	36	Trench Bottom Depth(Low side)		34	Gravel Depth	~	Maintenance Agreement Required:	☐ YES	☑ NO
							☑ GRAVITY	☐ PRESSURE	

☐ Residence No. Bedrooms
☑ Business No. Persons
☐ Other No. Employees 8
☑ Slab ☐ Crawl Space
☐ Basement w/plumbing ☐ Basement w/o plumbing

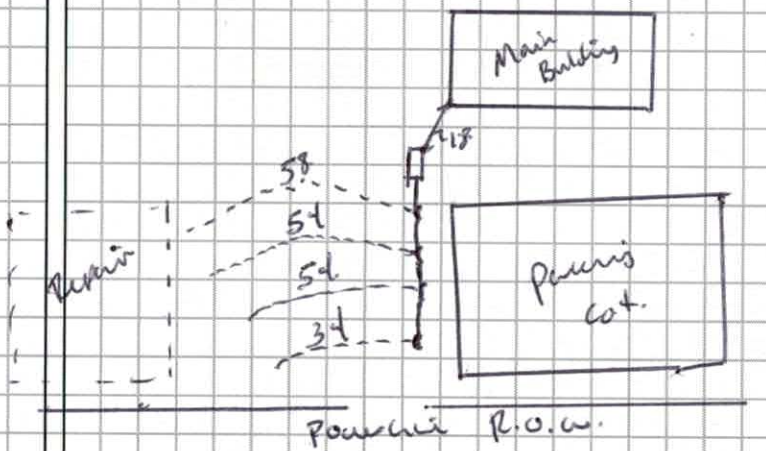
Water Supply
☐ Private
☐ Public
☐ Community

Comments / Conditions: Install 200 Linear Ft of Drainfield. Keep System out of Parking area - Do not Drive, park, pave, grade, or bury utilities in the Drainfield area. Pre construction Meeting Required.

INITIAL SITE SKETCH

See attached Survey Showing Exact Placement of Tank and Drainfield Areas. Drawing Dated 4/30/2018.

AS BUILT SKETCH



Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☐ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☑ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Date: Installed by: A-1 Backhoe

IMPROVEMENT PERMIT by: Benjamin A. Bathrick Date: 4/30/2018 OPERATION PERMIT by: Benjamin A. Bathrick Date: 6/13/18.

AUTHORIZATION TO CONSTRUCT by: Benjamin A. Bathrick Date: 4/30/2018. Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inpsector to confirm your inspection time.

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet 1 of 1
PROPERTY ID #: 4747904 20
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
(Complete all fields in full)

OWNER: Barry Mitchell
APPLICATION DATE 1/3/18
ADDRESS: 120 Jenny's RD.
DATE EVALUATED: 4/17/18
PROPOSED FACILITY: Business
PROPOSED DESIGN FLOW (.1949): 200gpd Strength
PROPERTY SIZE: 2.65
LOCATION OF SITE: 120 Jenny's RD. Sc
PROPERTY RECORDED: Yes.
WATER SUPPLY: ☐ Private ☑ Public ☐ Well ☐ Spring ☐ Other N/A
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	2%	0-60	Loamy Sap. M	NSNP VFR NEP		0	Loamy Sap.	/	PS .3.
2	2%	0-32	CL WSBK	SS SP FR SEP	2.5Y 4/6	32.	Loamy Sap	/	PS .3.
		32-55	Loamy SapM	NSNP VFR NEP					
3	2%	0-36	CL WSBK	SSSP FR SEP.	2.5Y 4/6	36	Loamy Sap	/	PS .3.
		36-53	Loamy SapM	NSNP VFR				/	
4	2%	0-30.	CL WS.	SSSP FR SEP	2.5Y 4/6	30		/	PS .3.
		30-55	Loamy Sap	SSSP VFR					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY:
OTHER(S) PRESENT:

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			EXP (Expansive)	M (Massive)
D (Drainage Way)						CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SiL (Silt Loam)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

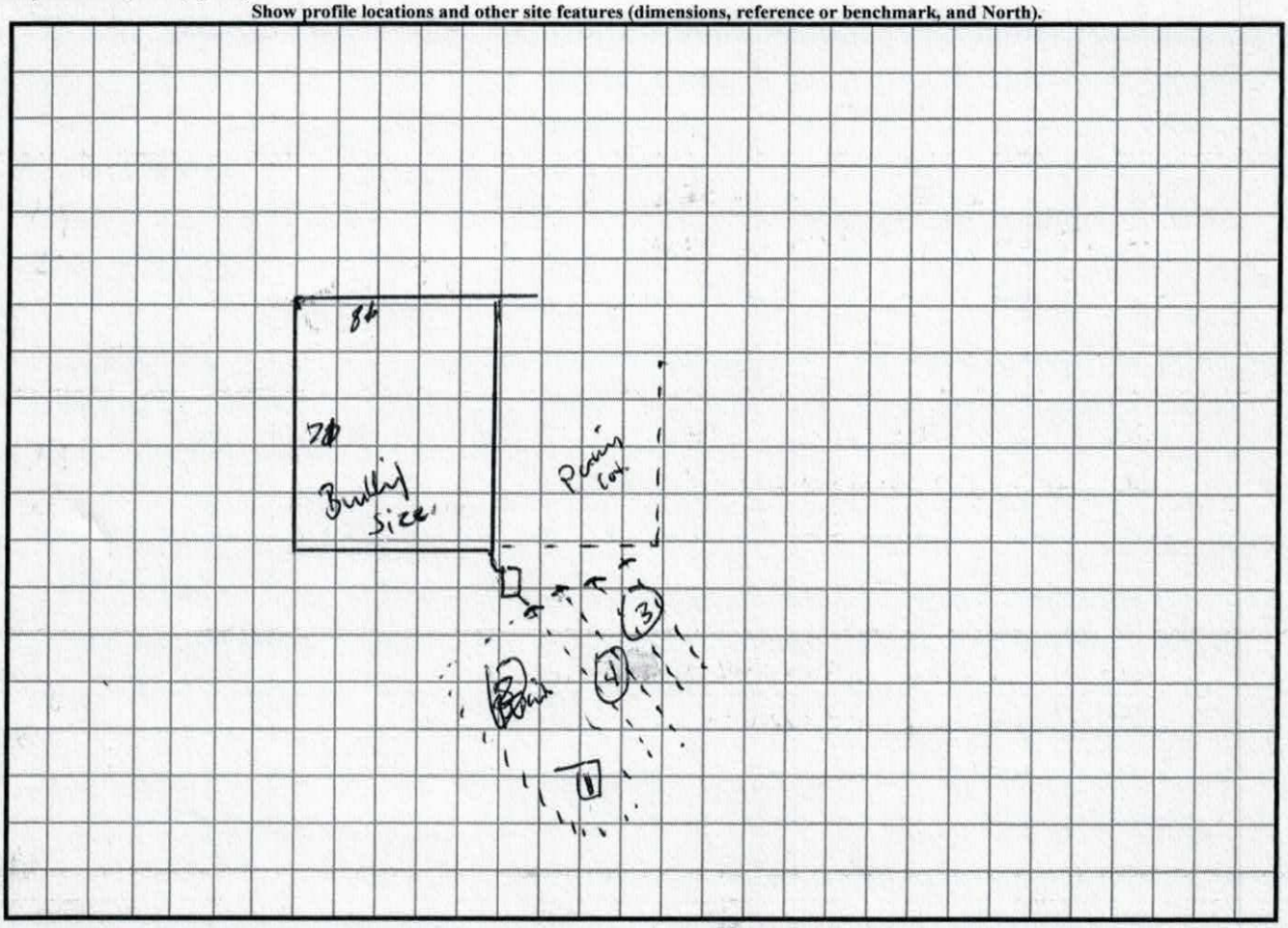
NOTES

HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).



40
50
50
30.

232303

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(X) Septic Improvement Permit ( ) Authorization to Construct ( ) Existing System Inspection ( ) Septic System Repair

THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED. APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.

Page 2: *Site Plan Worksheet* form MUST accompany this application

The following optional attachments may also be submitted: ( ) Survey Plat, scaled no more than 1 inch = 60 feet
Place an (X) beside whichever is submitted if applicable (X) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY) 147 Trax Mill Rd., Hamptonville NC

Applicant Name: Barry McCrary Address: ~~120 Jennings Rd.~~ Zip: 27020

Applicant Email: bmccrary@mcmullan-inc.com Phone: 704-315-3386 Alt. Phone:

Owner Name: Address: Zip:

Owner Email: Phone: Alt. Phone:

Property Information:

Street Address: 120 Jennings Rd., Statesville NC

Subdivision Name: Section/Phase: Lot Number:

Driving Directions:

Site Development Information: *(check or complete ALL that apply*

CHECK FOUNDATION TYPE

( ) New Single Family Residence — Maximum Number of Bedrooms: — ( ) Crawl Space Foundation
( ) New Multi-Family Residence — Maximum Number of Occupants: — (X) Concrete Slab Foundation
( ) Accessory Building — ( ) Swimming Pool — ( ) Basement with Plumbing
( ) Bedroom(s) Addition — ( ) Other Addition/Structure: — ( ) Basement without Plumbing
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem:
Non-Residential Site Development: Type of Business: Canine Rental
Square Footage of Building: 5600 Max. Number of Employees: 8 Max. Number of Seats/Beds/Other: 8

25 gal/per employee

Water Supply: ( ) Replacement Well – Reason:
( ) Multi-connection Well Number of Houses: Number of Persons:

( ) New Well ( ) Existing Well ( ) Community Well ( ) City Water (X) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)* Year existing system installed:
( ) No Preference ( ) Alternative (X) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other:

Please answer the following to the best of your ability:
( ) Yes (X) No Does the site contain any jurisdictional wetlands?
( ) Yes (X) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (X) No Is the site subject to approval by any other public agency?

I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

Signature: _____ 1.3.18
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

Possible pits next Tuesday or Thursday.
1/16 1/18.

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative:

Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship

In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:

Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form.

If there are multiple property owners, then all property owners must sign the form that designates a legal representative.

By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

I, Barry Mocnik, am the legal owner(s) of the property located at 120 Jennings Rd, Statesville, NC 2, identified as PIN (Parcel Identification Number) 4747-90-4202, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) _____, _____, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
- Application for Compliance Inspection

I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

_____ 1.3.16 _____ _____

Signature of Owner(s) Date Signature of Witness Date

Please return this signed form to the appropriate office:

Mooresville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
adrienne.shea@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

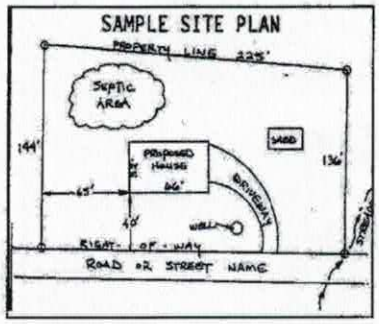
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

SITE PLAN WORKSHEET

SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM OR WELL PERMIT!!!*

Place an (X) beside each item as you complete the site plan:

- (X) Property Line measurements are clearly identified
- (X) All proposed structures are indicated
- (X) Front and side setbacks from property line
- (X) Preferred driveway location
- ( ) Preferred well location
- (X) Preferred septic system location
- (X) North arrow, or other sufficient indicator of direction



Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property	N/A
Location of easements and rights of ways on your property	N/A
Location of any designated wetlands on the property	N/A

USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

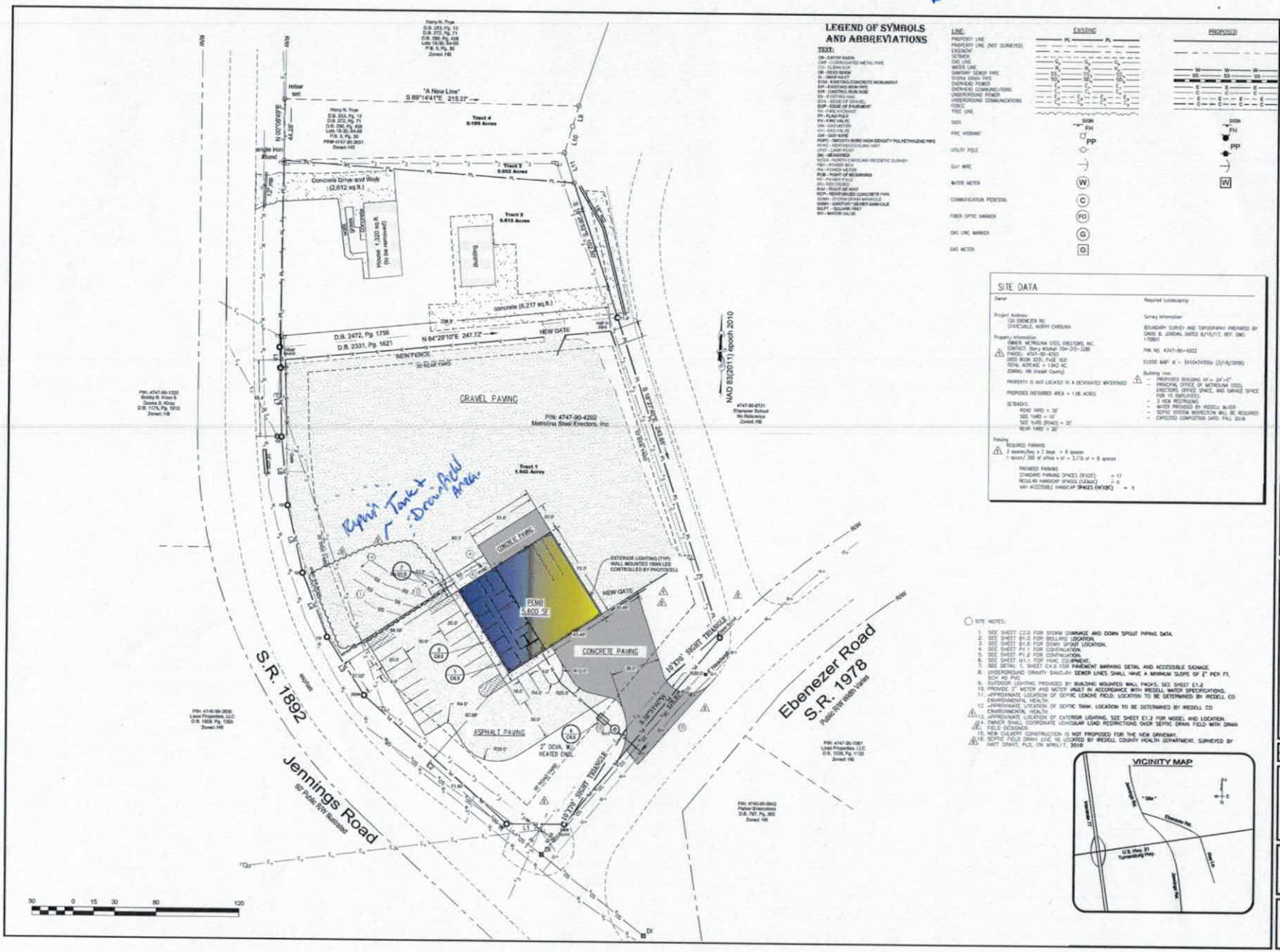
See Attached

Signature: _____ 1.3.18

Property owner or owner's legal representative signature (SIGNATURE REQUIRED) — DATE

APPROVED APR 30 2018

BAB.



LEGEND OF SYMBOLS AND ABBREVIATIONS

TEXT:

LINE:

EXISTING / PROPOSED

SIGN
FIRE HYDRANT
UTILITY POLE
GUY WIRE
WATER METER
COMMUNICATION PEDESTAL
FIBER OPTIC MARKER
DIG UNC MARKER
GAS METER

SITE DATA

Owner

Project Address:
100 EBENEZER RD
STATESVILLE, NORTH CAROLINA

Property Information:
OWNER: METROLINA STEEL ERECTORS, INC.
CONTACT: Stacy Mishler 704-315-1288
PARCEL: 4747-90-4202
DEED BOOK 3235, PAGE 1622
TOTAL ACREAGE = ± 5.842 AC.
ZONING: HB (Iredell County)

PROPERTY IS NOT LOCATED IN A DESIGNATED WATERSHED

PROPOSED DISTURBED AREA = ± 1.95 ACRES

SETBACKS:
ROAD YARD = 30'
SIDE YARD = 10'
SIDE YARD (ROAD) = 30'
REAR YARD = 20'

Parking
REQUIRED PARKING:
2 spaces/bay + 2 bays = 6 spaces
1 space/ 300 sf office + sf = 3,178 sf = 9 spaces

PROVIDED PARKING
STANDARD PARKING SPACES (9'X20') = 17
REGULAR HANDICAP SPACES (12'X20') = 0
VAN ACCESSIBLE HANDICAP SPACES (9'X20') = 1

Required Landscaping

Survey Information:
BOUNDARY SURVEY AND TOPOGRAPHY PREPARED BY DAVID B. JORDAN, DATED 8/15/17, REF. DWG. 17-0801

PIN NO. 4747-90-4202

FLOOD MAP: # - 3410470200J (5/19/2006)

Building Use:
- PROPOSED BUILDING AT = 24'-0"
- PRINCIPAL OFFICE OF METROLINA STEEL ERECTORS, OFFICE SPACE, AND GARAGE SPACE FOR 15 EMPLOYEES.
- 2 NEW RESTROOMS
- WATER PROVIDED BY IREDELL W-008
- SEPTIC SYSTEM INSPECTION WILL BE REQUIRED
- EXPECTED COMPLETION DATE: FALL 2018

SITE NOTES:

1. SEE SHEET C2.0 FOR STORM DRAINAGE AND DOWN SPOUT PIPING DATA.
2. SEE SHEET B1.0 FOR BOLLARD LOCATION.
3. SEE SHEET B1.0 FOR DOWN SPOUT LOCATION.
4. SEE SHEET P1.1 FOR CONTINUATION.
5. SEE SHEET P1.2 FOR CONTINUATION.
6. SEE SHEET M1.1 FOR HVAC EQUIPMENT.
7. SEE DETAIL 1, SHEET C4.2 FOR PAVEMENT MARKING DETAIL AND ACCESSIBLE SIGNAGE.
8. SPOT/GROUND GRAVITY SANITARY SEWER LINES SHALL HAVE A MINIMUM SLOPE OF 1" PER FT, SCH. 40 PVC.
9. OUTDOOR LIGHTING PROVIDED BY BUILDING MOUNTED WALL PACKS. SEE SHEET E1.2
10. PROVIDE 2" METER AND METER VAULT IN ACCORDANCE WITH IREDELL WATER SPECIFICATIONS.
11. APPROXIMATE LOCATION OF SEPTIC LOADING FIELD. LOCATION TO BE DETERMINED BY IREDELL CO ENVIRONMENTAL HEALTH.
12. APPROXIMATE LOCATION OF SEPTIC TANK. LOCATION TO BE DETERMINED BY IREDELL CO ENVIRONMENTAL HEALTH.
13. APPROXIMATE LOCATION OF EXTERIOR LIGHTING. SEE SHEET E1.2 FOR MODEL AND LOCATION.
14. OWNER SHALL COORDINATE VEHICULAR LOAD RESTRICTIONS OVER SEPTIC DRAIN FIELD WITH DRAIN FIELD DESIGNER.
15. NEW CULVERT CONSTRUCTION IS NOT PROPOSED FOR THE NEW DRIVEWAY.
16. SEPTIC FIELD DRAWN 11/16/18 IS LOCATED BY IREDELL COUNTY HEALTH DEPARTMENT. SURVEYED BY MATT GRANT, PLS, ON APRIL17, 2018

VICINITY MAP

G.L. WILSON BUILDING COMPANY
160 WILSON FARM ROAD · STATESVILLE, NC 28625-8088
Phone: 704.872.2411 · Fax: 704.872.6281 · www.buildgreatbuildings.com
Commercial and Industrial Construction Since 1945

G.L. WILSON BUILDING CORPORATE SEAL F-0267 NORTH CAROLINA

NORTH CAROLINA REGISTERED LANDSCAPE ARCHITECT D. MARK TART 2035

4/19/18

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ISSUES/REVISIONS

REV	DATE	DESCRIPTION	BY
1	12/20/17	PLANNING DEPT COMMENTS	PSB
2	1/16/18	OWNER REQUESTED CHG	PSB
		DRAIN FIELD RELOCATION	
		NCDOT COMMENTS	
3	4/19/18	FIELD LOCATED DRAIN FIELD	PSB

DESIGN NO. : 3917-113 DRAWN BY: PSB
ISSUED DATE : 12/15/17

A PROPOSED FACILITY FOR:

METROLINA STEEL ERECTORS INC.

160 EBENEZER RD
STATESVILLE, NC

SITE PLAN

C1.0

Acknowledgement Of
Plans Submittal ONLY!
Benjamin Batt Date 1/30/2018
Mark Date

DOOR SCHEDULE

NO.	TYPE	WIDTH	HEIGHT	THICKNESS	DOOR MATERIAL	DOOR FINISH	DOOR GLAZING	DOOR U-VALUE	FIRE RATING	FRAME MATERIAL	FRAME FINISH	COMMENTS
101	A	3'-0"	7'-0"	1 3/4"	ALUMINUM	CLR ANODIZED				ALUMINUM	CLR ANODIZED	
102	A	3'-0"	7'-0"	1 3/4"	S.C. WOOD	STAINED				H. METAL	PAINT	
103	A	3'-0"	7'-0"	1 3/4"	S.C. WOOD	STAINED				H. METAL	PAINT	
104	A	3'-0"	7'-0"	1 3/4"	S.C. WOOD	STAINED				H. METAL	PAINT	
105	A	3'-0"	7'-0"	1 3/4"	S.C. WOOD	STAINED				H. METAL	PAINT	
106	A	3'-0"	7'-0"	1 3/4"	S.C. WOOD	STAINED				H. METAL	PAINT	
107	A	3'-0"	7'-0"	1 3/4"	S.C. WOOD	STAINED				H. METAL	PAINT	
108	A	3'-0"	7'-0"	1 3/4"	S.C. WOOD	STAINED				H. METAL	PAINT	
109	A	3'-0"	7'-0"	1 3/4"	S.C. WOOD	STAINED				H. METAL	PAINT	
110	A	3'-0"	7'-0"	1 3/4"	S.C. WOOD	STAINED				H. METAL	PAINT	
111	A	3'-0"	7'-0"	1 3/4"	S.C. WOOD	STAINED				H. METAL	PAINT	
112	A	3'-0"	7'-0"	1 3/4"	S.C. WOOD	STAINED				H. METAL	PAINT	
113	A	3'-0"	7'-0"	1 3/4"	S.C. WOOD	STAINED				H. METAL	PAINT	
114	A	3'-0"	7'-0"	1 3/4"	H. METAL	PAINT				H. METAL	PAINT	
115A	A	3'-0"	7'-0"	1 3/4"	H. METAL	PAINT	VIS		20 MIN	H. METAL	PAINT	
115B	A	3'-0"	7'-0"	1 3/4"	H. METAL	PAINT	VIS		90 MIN	H. METAL	PAINT	
116	A	3'-0"	7'-0"	1 3/4"	H. METAL	FACTORY	VIS			H. METAL	FACTORY	PROVIDED BY P.E.M.S. MFR.
116C	A	3'-0"	7'-0"	1 3/4"	H. METAL	FACTORY	VIS			H. METAL	FACTORY	PROVIDED BY P.E.M.S. MFR.
116D	SD	12'-0"	12'-0"	1 1/2"	STEEL	PAINT	VIS			FIELD	PAINT	PROVIDE ELECTRIC OPERATOR
116E	SD	12'-0"	12'-0"	1 1/2"	STEEL	PAINT	VIS			FIELD	PAINT	PROVIDE ELECTRIC OPERATOR
116F	SD	12'-0"	12'-0"	1 1/2"	STEEL	PAINT	VIS			FIELD	PAINT	PROVIDE ELECTRIC OPERATOR
116G	SD	12'-0"	12'-0"	1 1/2"	STEEL	PAINT	VIS			FIELD	PAINT	PROVIDE ELECTRIC OPERATOR
201	A	3'-0"	7'-0"	1 3/4"	H. METAL	PAINT	VIS		90 MIN	STOREFRONT	H. METAL	PAINT

DOOR TYPES & NOTES

A FLUSH

B FULL GLASS (STOREFRONT)

B1 COILING DOOR

7'-0" x 4" VINYL (SEE NOTES)

SIDE HDR. OR ALUM. FRAME

DBL. HDR. OR ALUM. FRAME

GENERAL HARDWARE CONFIGURATIONS:
ENTRANCE = KEYED ONE SIDE, LOCK AND UNLOCK POSITIONS, THUMB CONTROL DEADBOLT OPPOSITE KEY SIDE
PASSAGE = NOT KEYED, NO LOCKABLE POSITION
STORAGE = KEYED ONE SIDE, ALWAYS LOCKED POSITION, LATCH OVERRIDE OPPOSITE KEYED SIDE, NO THUMB CONTROL
OFFICE = KEYED ONE SIDE, LOCK AND UNLOCK POSITIONS, LATCH OVERRIDE OPPOSITE KEYED SIDE, NO THUMB CONTROL
PRIVACY = NOT KEYED, ALWAYS UNLOCKED POSITION, PRIVACY SIDE ENTRANCE LOCK WHEN CLOSED, AUTOMATIC UNLOCK WHEN LATCH OPERATED FROM PRIVACY SIDE
PUSH/PULL = PUSH PLATE AND PULL BAR ON APPROPRIATE SIDES, NO LATCHING HARDWARE PRESENT.
PANIC = COMPLETE OVERRIDE UNLOCK PUSH BAR ON EMERGENCY EGRESS SIDE, ENTRY AVAILABLE ON EXTERIOR SIDE.
PANIC (EXIT ONLY) = SAME AS PANIC HARDWARE ABOVE EXCEPT NO OPERABLE HARDWARE TO EXTERIOR.
TDF = LOCATION OF THUMB CONTROLLED DEAD BOLT TO SPECIFIED HARDWARE

ALL DOOR HARDWARE TO MEET "ADA" AS REQUIRED.
ALL EXTERIOR PERSONNEL DOORS TO HAVE WEATHER STRIPPING & THRESHOLD.
ALL EXTERIOR SWINGING DOOR ASSEMBLIES SHALL HAVE A MINIMUM U-VALUE OF 0.60
ALL GLAZING IN DOORS IS TO BE TEMPERED.
ALL GLAZING IN FIRE RATED DOORS IS TO BE WIRE RATED
ALL HARDWARE SHALL BE VON DUPRIN, SCHLAGE, OR EQUAL.
SEE SCHEDULE FOR SIZES AND FINISHES

ROOM FINISH SCHEDULE

NO.	ROOM NAME	FLOOR FINISH	BASE	WALL FINISH NORTH	WALL FINISH EAST	WALL FINISH SOUTH	WALL FINISH WEST	SOUND BATTS	MISC TRIM	CEILING HEIGHT	CEILING FINISH	REMARK
101	ENTRY	VCT	RB	GWB / PT	GWB / PT	GWB / PT	GWB / PT	YES		ACT22	9'-0"	
102	OFFICE / REC	CPT	RB	GWB / PT	GWB / PT	GWB / PT	GWB / PT			ACT22	9'-0"	
103	OFFICE	CPT	RB	GWB / PT	GWB / PT	GWB / PT	GWB / PT			ACT22	9'-0"	
104	OFFICE	CPT	RB	GWB / PT	GWB / PT	GWB / PT	GWB / PT			ACT22	9'-0"	
105	OFFICE	CPT	RB	GWB / PT	GWB / PT	GWB / PT	GWB / PT			ACT22	9'-0"	
106	OFFICE	CPT	RB	GWB / PT	GWB / PT	GWB / PT	GWB / PT			ACT22	9'-0"	
107	OFFICE	CPT	RB	GWB / PT	GWB / PT	GWB / PT	GWB / PT			ACT22	9'-0"	
108	LT.	VCT	RB	GWB / PT	GWB / PT	GWB / PT	GWB / PT			ACT22	9'-0"	
109	STORAGE	CPT	RB	GWB / PT	GWB / PT	GWB / PT	GWB / PT			ACT22	9'-0"	
110	OFFICE	CPT	RB	GWB / PT	GWB / PT	GWB / PT	GWB / PT			ACT22	9'-0"	
111	CONF. / BREAK RM.	CPT	RB	GWB / PT	GWB / PT	GWB / PT	GWB / PT			ACT22	9'-0"	
112	HALLWAY	VCT	RB	GWB / PT	GWB / PT	GWB / PT	GWB / PT			ACT22	9'-0"	
113	MALE	VCT	RB	GWB (WP) / PT	GWB (WP) / PT	GWB (WP) / PT	GWB (WP) / PT	YES		ACT22	9'-0"	
114	FEMALE	VCT	RB	GWB (WP) / PT	GWB (WP) / PT	GWB (WP) / PT	GWB (WP) / PT	YES		ACT22	9'-0"	
115	UNISEX	VCT	RB	GWB (WP) / PT	GWB (WP) / PT	GWB (WP) / PT	GWB (WP) / PT	YES		ACT22	9'-0"	
116	ENTRY	VCT	RB	GWB / PT	GWB / PT	GWB / PT	GWB / PT			ACT22	9'-0"	
117	OFFICE / REC	CPT	RB	GWB / PT	GWB / PT	GWB / PT	GWB / PT			ACT22	9'-0"	
118	CRANE STORAGE AREA	CONC								EXP		APPLY CURE & SEAL FINISH

FINISHES LEGEND

FLOORS
CONC = SEALED CONCRETE, SMOOTH TROWEL FINISH

FLOOR FINISHES:
VCT = VINYL COMPOSITION TILE
CPT = CARPET CONSTRUCTION TILE
RT = RUBBER TILE
SHEET = SHEET
VT = HARD TILE
EP = EPOXY COATING

BASE
RB = RUBBER (4" TALL)
WD = WOOD
HT = HARD TILE
CPT = CARPET

WALLS
GWB = GYPSUM WALLBOARD ON STUDS OR FURRING
MR = MOISTURE RESISTANT
CMU = CONCRETE MASONRY UNITS
CONC = FORMED CONCRETE
MTL = METAL PANELS
PLWD LINER = 3/8" PLYWOOD LINER TO 8'-0" A.F.F.

WALL FINISHES:
PT = PAINTED
HT = HARD TILE
FRP = FIBER REINFORCED PLASTIC PANELS

OPTIONS:
SBB = SOUND BATT INSULATION
WC(T) = WAINSCOT

CEILINGS
EXP = EXPOSED TO STRUCTURE
GWB = GYPSUM WALLBOARD
MTL = SUSPENDED METAL PANELS
MR = MOISTURE RESISTANT
ACT22 = SUSPENDED ACOUSTICAL TILES 2x2
ACT24 = SUSPENDED ACOUSTICAL TILES 2x4
FRP = FIBER REINFORCED PLASTIC PANELS

CEILING FINISHES:
PT = PAINTED
ST = STAINED
PF = PREFINISHED
PTD = PRIMED

OPTIONS:
SBB = SOUND BATT INSULATION

MISC
TRIM OR ACCENTS:
CHR = CHAIR RAIL
CRN = CROWN MOULDING
CSG = DOOR AND WINDOW CASING
CWB = CORNER MOULDING OR PROTECTION

FINISHES:
PT = PAINTED
ST = STAINED
PF = PREFINISHED

KING STUD, 6000ZR-54 @ (CHAMFERED DOORS)
TRACK TOP & BOTTOM, GAUGE TO MATCH HEADER STUDS
SCREW HEADER TO JACK STUD TRACK WITH (1) SCREW FOR EACH INCH OF DEPTH
JACK STUD (TRACK & (L) STUD)
JAMB POST ASSEMBLY
JACK STUD (L) TRACK AND (L) STYLE STUD, GAUGE TO MATCH HEADER MEMBERS, EXTEND TRACK TO TOP OF HEADER, SCREW TRACK TO KING STUD AND SCREW @ 4'-0" O.C. SCREW TRACK TO JACK STUD WITH SCREWS @ 4'-0" O.C. EACH SIDE

2 JAMB AND HEADER FRAMING @ EXTERIOR WALLS

COLD FORMED FRAMING NOTES

1. ALL DESIGN, FABRICATION AND ERECTION OF LIGHT GAGE METAL FRAMING SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICAN IRON AND STEEL INSTITUTE'S "DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS".

2. ALL LIGHT GAGE METAL FRAMING MEMBERS AND ACCESSORIES SHALL MEET THE REQUIREMENTS OF ASTM 653-80. ALL STUDS/JOISTS AND TRACKS SHALL MEET THE REQUIREMENTS OF ASTM 446-79. THE YIELD STRESS FOR STUDS/JOISTS AND HEADERS SHALL BE AS FOLLOWS: MEMBERS OF 33 AND 18 MIL MATERIAL - FY = 33 K/S.I. MEMBERS OF 16, 14 AND 12 MIL MATERIAL - FY = 50 K/S.I. THE YIELD STRESS FOR TRACKS AND ACCESSORIES, FY = 33 K/S.I.

3. ALL LIGHT GAGE METAL FRAMING MEMBERS AND ACCESSORIES SHALL BE OF THE TYPE, GAGE, SIZE AND SPACING SHOWN ON THE DRAWINGS AND SHALL BE EQUAL TO MEMBERS MANUFACTURED BY DIETRICH INDUSTRIES.

4. TRACK GAGE IS TO MATCH GAGE OF STUDS OR JOISTS UNLESS NOTED OTHERWISE. ALL TRACK BUTT JOINTS ARE TO BE ATTACHED TO A COMMON STRUCTURAL MEMBER OR SPLICED. SPLICE TO BE A 12" PIECE OF STUD MATERIAL, GAGE TO MATCH TRACK. PROVIDE 6 SCREWS EACH SIDE OF SPLICE.

5. WELDED CONNECTIONS TO BE WIRE BRUSHED AND PAINTED WITH GALVANIZED PAINT.

6. STUDS SHALL BE CUT SQUARE AND TO PROPER LENGTH SUCH THAT EACH END OF THE STUDS BEARS DIRECTLY AGAINST THE WEB OF THE RUNNERS.

MOLD OF TRADE PLATE TO FLANGE OF W-SHAPE. PLACE WIDTH TO MATCH WIDTH OF W-SHAPE FLANGE PLATE SLOPE TO MATCH SLOPE OF FLOOR SLAB AT O.H. DOOR OPENING

(2) 3/4" DIA. x 8" LONG HEADED STUDS WELDED TO PLATE

W-SHAPE

B.O.F. OF W-SHAPE EMBEDDED INTO SLAB, SEE PLAN

OUTLINE OF CONC. TURNDOWN & THICKENED SLAB (SHOWN DASHED)

3 WT FLANGE EXTENSION AT O.H. DOOR

1 FIRST FLOOR PLAN

PLAN NORTH

G.L. WILSON BUILDING COMPANY

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ISSUES / REVISIONS

REV	DATE	DESCRIPTION	BY

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Metrolina Steel Erectors
160 Ebenezer Road
Statesville, North Carolina

FLOOR PLAN AND SCHEDULES

B1.0