717.354.7770 | www.MODLOGIQ.com
191 Quality Circle New Holland, PA 17557

OUTLINE SPECIFICATION

Temporary Modular Healthcare Facilities **March 23, 2020**

THIS IS A SAMPLE OUTLINE SPECIFICATION THAT CAN AND WOULD BE MODIFIED AS REQUESTED OR REQUIRED.

General Criteria:

1. SUBJECT BUILDING:
   - Module(s):
   - Width: 13'10"
   - Length: 39'
   - Shipping Height: 13'5"

2. CODE CLASSIFICATION:
   - Building Area: See attached
   - Number of Stories: One
   - Construction: II-B or As Required

3. DESIGN LOADS:
   - Floor Live Load: Per Code
   - Wind Load: Per Code
   - Ground Snow Load: Per Code

Modular Support/Foundation:

- Option 1:Axis/MODLOGIQ will set Modular Units on timbers, etc which will be sitting directly onto pavement/Concrete with an approximate 18 -24 inch "crawl space" below
- Option 2: Axis/MODLOGIQ will provide KIP loads, load points, and a recommended description of attachment method of building to foundation.
- Access Ramping/Stairs will be provided as needed (Built at site)

Floor Construction:

- Structural Steel Frame with Cross Members
- R30 Batt Insulation
- ¾" Plywood Subfloor
- 12"x12"x1/8" VCT w/4" Vinyl cove base in all areas other than bathroom which will have 6" Vinyl Cove Base- Based on Armstrong Imperial Texture Standard Excelon
- Axles, Tires and Hitches

Exterior Wall Construction:

- 28 Gauge High Rib Siding- Manufacturers Standard Color
- Continuous Rigid Insulation
- Z Bars or Strapping
- Tyvek or Equal Weather Barrier
- 5/8″ Exterior Gypsum Sheathing
- 6″ Steel Stud
- R21 Fiberglass Batt Insulation
- Vapor Barrier
- 5/8” Vinyl Covered Gypsum with Battens- all seams caulked

Interior Wall Construction:

- 3-5/8″ Steel Stud framing
- Fiberglass Sound Batt Insulation
- 5/8” Vinyl Covered Gypsum with Battens- all seams caulked

Ceilings:

- 2x2 washable ACT
- Prelude 15/16 Grid

Roof Construction:

- Structural Steel Frame and Cross Members
- 1-1/2” B Deck
- R-35 Continuous Poly Iso
- ¼” DensDeck
- Adhered 45mil Black EPDM
- Roof Edge Trim to Match Siding
- Gutter and Downspouts to site

Doors - Exterior:

- Commercial Double Insulated Steel Doors with Half Lite Glass, Panic Hardware, Closers, Weather stripping

Doors – Interior:

- 3′8″ x 7′0″ Aluminum/Glass Doors and Frames with Standard Grade 1 Hardware for patient rom

entry (option for Transfer Grill Panel)

- 3′0″ x 7′0″ Hollow Metal Doors and Frames with Standard Grade 1 Hardware for support spaces
- 6′0″ x 7′0″ Hollow Metal Exterior Insulated Doors and Frames with Standard Grade 1 Hardware for Egress

Windows - Exterior:

- 1 Per Isolation/Treatment Room 3’ x 4’ Fixed Vinyl Windows- White

Painting:

- Epoxy Paint for all Walls, HM Doors, and Frames,etc.– 2 finish coats

Casework:

- P-Lam cabinets in Nurses Station AWI - custom grade cabinets
- Particleboard-core casework - White melamine interiors 120 degree self-concealed hinge - 4" Wire pulls Laminate Slab doors/drawers - PVC edge-banding
- 1/2" white vinyl wrapped drawer box - Full-extension drawer slides 32mm adjustable shelf holes - Metal shelf pins
- Solid Surface countertops for all wet areas, a standard color, and 4" backsplash
- P. Lam Counters at all other “non-wet” areas

Electrical:

- Lighting:
  - Provide and install 2x2 LED lay in fixtures-Sealed
  - Provide and install emergency battery packs with 2 heads each.
  - Provide and install ceiling mount exit signs.
  - Provide and install exterior remote emergency fixtures.
  - Provide and install exterior LED wall mount fixture with integral photocell.
  - Provide and install single pole toggle switches for occupancy sensor override.
  - Provide and install exterior LED wall packs with integral photocell at exterior doors.
- Power:
  - Provide and install local distribution panel at each Modular Unit
  - Provide and install Hospital Grade Duplex Receptacles and GFCI where required
- Low Voltage:
  - Provide and install back boxes with ¾″ EMT conduit stubs to above ceiling Nurses Call and Low Voltage Requirements- 3 per room
  - Provide and install back box with ¾″stubs for Fire Alarm
  - All wiring, jacks, terminations and low voltage devices and testing for all low voltage to be coordinated/provided by others.

- All Wiring to be MC
- All Devices to be Hospital Grade
- Provide an Emergency Generator if Emergency Power is not local or available
- Final mate line connections and testing onsite by others, anything outside or below the modules or not specifically listed not included.

HVAC:

- OPTION – 1 ISOLATION CONCEPT
- READILY AVAILABLE AHU Packaged Units with Heat Pumps to be set on exiting site adjacent to Modular Units AND CONFIGURED TO RUN AT 100% OUTSIDE AIR
- UNITS TO BE CONFIGURED IN SERIES TO COMPENSATE FOR ADDITIONAL CAPACITY AND STATIC PRESSURE NEEDS
- Provision for separate unit for “Clean” area
- Galvanized ductwork with 1-1/2” FSK duct wrap
- Each Patient Room with 12 air changes per hour
- 100% outside air with direct exhaust to exterior
- +/- 5,000 CFM Utility fans on Roof
- +/- 275 CFM Fans for Ante Rooms

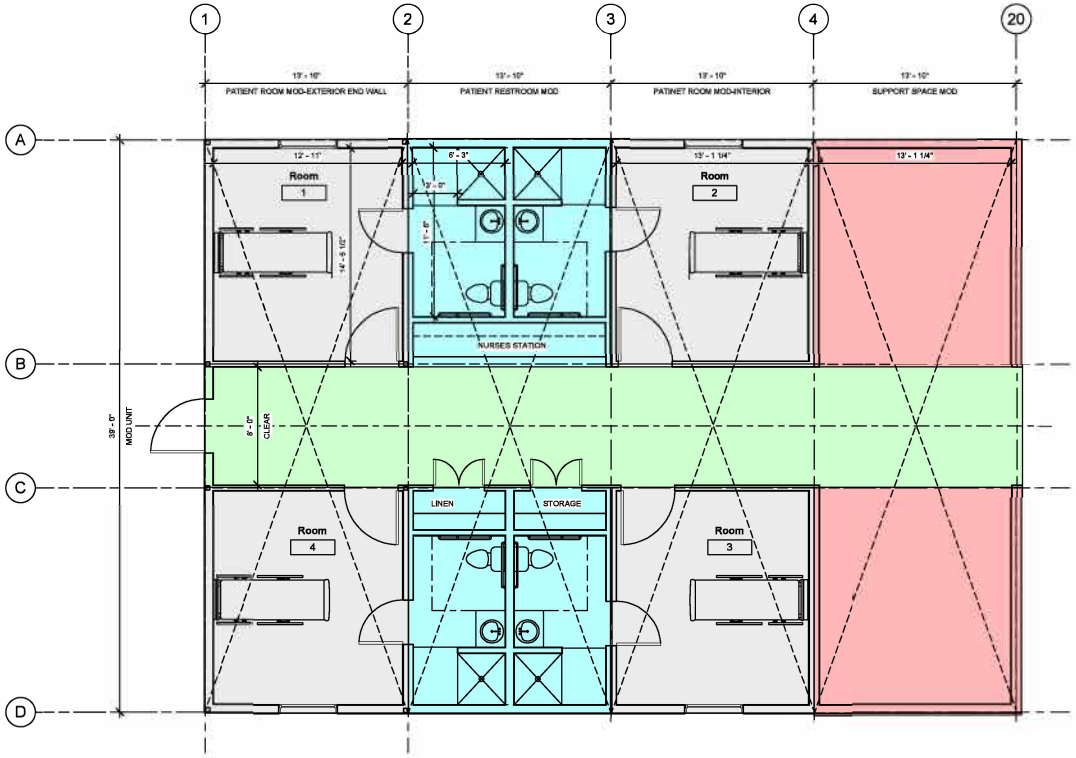
Plumbing:

- Floor Mounted Toilet - Tank Type
- Wall Hung Lavatory Sink- Manual Faucet
- Copper Domestic Water Piping
- Cast Iron DWV
- Water Heater
- Domestic Water assumed connected to existing Facility
- Sanitary Waste Water assumed to be connected to existing Facility or connected to a Storage Tank
- Medical Gases assumed to be connected to existing Facility or to a manifold system with cylinders

SPRINKLER:

- Complete dry pipe system installed for connection to Facility

END OF DOCUMENT



1 Level 1
1/4" = 1'-0"

MODLOGIQ
SMART OFF-SITE CONSTRUCTION
FORMERLY NRB (USA), INC.

MAIN PHONE:1-717-354-7770
TOLL FREE:1-877-459-2160
FAX:1-717-354-7774

191 QUALITY CIRCLE
NEW HOLLAND, PA 17557
WWW.MODLOGIQ.COM

AXIS
DESIGN-BUILD-INTERIOR DESIGN
CONSTRUCTION TYPE 5B AUTHORIZED

Axis Construction Corp.
125 Laser Court
Hauppauge, NY 11788
P: 631-243-5970
F: 631-243-5973
www.theaxisgroup.com

SEAL & SIGNATURE

THE INFORMATION CONTAINED IN THIS DRAWING REMAINS THE PROPERTY OF NRB (USA) INC. AND SHALL NOT BE MODIFIED OR COPIED WITHOUT THE WRITTEN CONSENT. SPECIFICATIONS, WHEN PROVIDED, SHALL BE READ IN CONJUNCTION WITH THIS DRAWING

SHEET ISSUES / REVISIONS

NO	DATE	DESCRIPTION

PROJECT:
PROTOTYPE HC UNITS

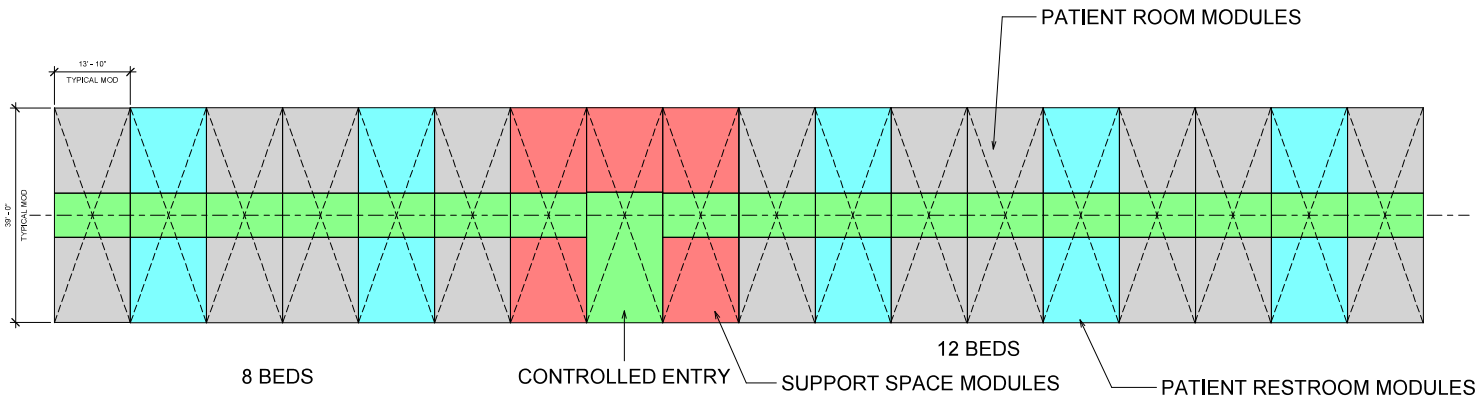
SHEET TITLE:
PARTIAL FLOOR PLAN

SEAL & SIGNATURE

PRELIMINARY
NOT FOR CONSTRUCTION

DATE:	Issue Date
PROJ. NO.:	Number
DESIGNER:	WRB
PROJ. MANAGER:	-
DRAWING NO:	A101

3/15/2026 11:32:39 AM



1 SINGLE STORY RECTANGULAR
3/32" = 1'-0"

20 BEDS TOTAL

MODLOGIQ
SMART OFF-SITE CONSTRUCTION
FORMERLY NRB (USA), INC.
MAIN PHONE: 1-717-354-7770
TOLL FREE: 1-877-455-2160
FAX: 1-717-354-7774
191 QUALITY CIRCLE
NEW HOLLAND, PA 17557
WWW.MODLOGIQ.COM

Axis Construction Corp.
125 Laser Court
Hauppauge, NY 11788
P: 631-243-5970
F: 631-243-5973
www.theaxisgroup.com

SEAL & SIGNATURE

THE INFORMATION CONTAINED IN THIS DRAWING REMAINS THE PROPERTY OF NRB (USA) INC. AND SHALL NOT BE MODIFIED OR REPRODUCED WITHOUT PRIOR WRITTEN CONSENT. SPECIFICATIONS, WHEN PROVIDED, SHALL BE READ IN CONJUNCTION WITH THIS DRAWING.

SHEET ISSUES / REVISIONS

NO.	DATE	DESCRIPTION

PROJECT:
Project Name

Enter address here

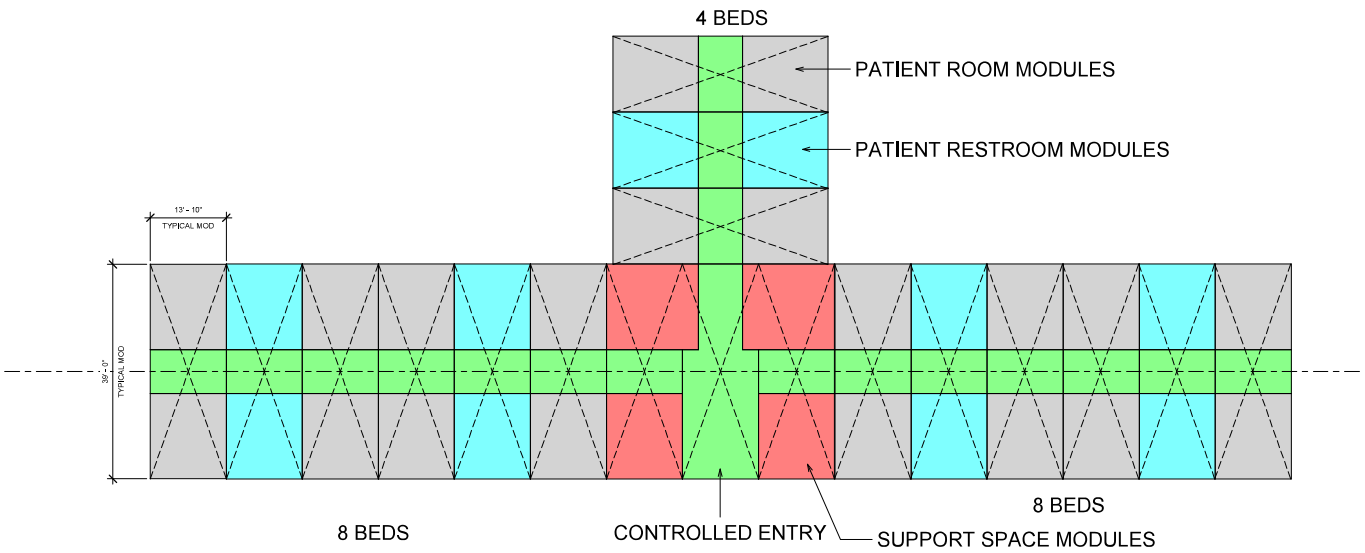
SHEET TITLE:
SINGLE STORY - RECTANGULAR

SEAL & SIGNATURE

PRELIMINARY
NOT FOR CONSTRUCTION

DATE:	Issue Date Project
PROJ. NO.:	Number
DESIGNER:	Designer
PROJ. MANAGER:	Checker
DRAWING NO:	A104

3/19/2020 11:35:21 AM



1 SINGLE STORY T SHAPED
3/32" = 1'-0"

20 BEDS TOTAL

MODLOGIQ
SMART OFF-SITE CONSTRUCTION
FORMERLY NRB (USA), INC.
MAIN PHONE: 1-717-354-7770
TOLL FREE: 1-877-455-2160
FAX: 1-717-354-7774
191 QUALITY CIRCLE
NEW HOLLAND, PA 17557
WWW.MODLOGIQ.COM

Axis Construction Corp.
125 Laser Court
Hauppauge, NY 11788
P: 631-243-5970
F: 631-243-5973
www.theaxisgroup.com

SEAL & SIGNATURE

THE INFORMATION CONTAINED IN THIS DRAWING REMAINS THE PROPERTY OF NRB (USA) INC. AND SHALL NOT BE MODIFIED OR REPRODUCED WITHOUT PRIOR WRITTEN CONSENT. SPECIFICATIONS, WHEN PROVIDED, SHALL BE READ IN CONJUNCTION WITH THIS DRAWING.

SHEET ISSUES / REVISIONS

NO.	DATE	DESCRIPTION

PROJECT:
Project Name

Enter address here

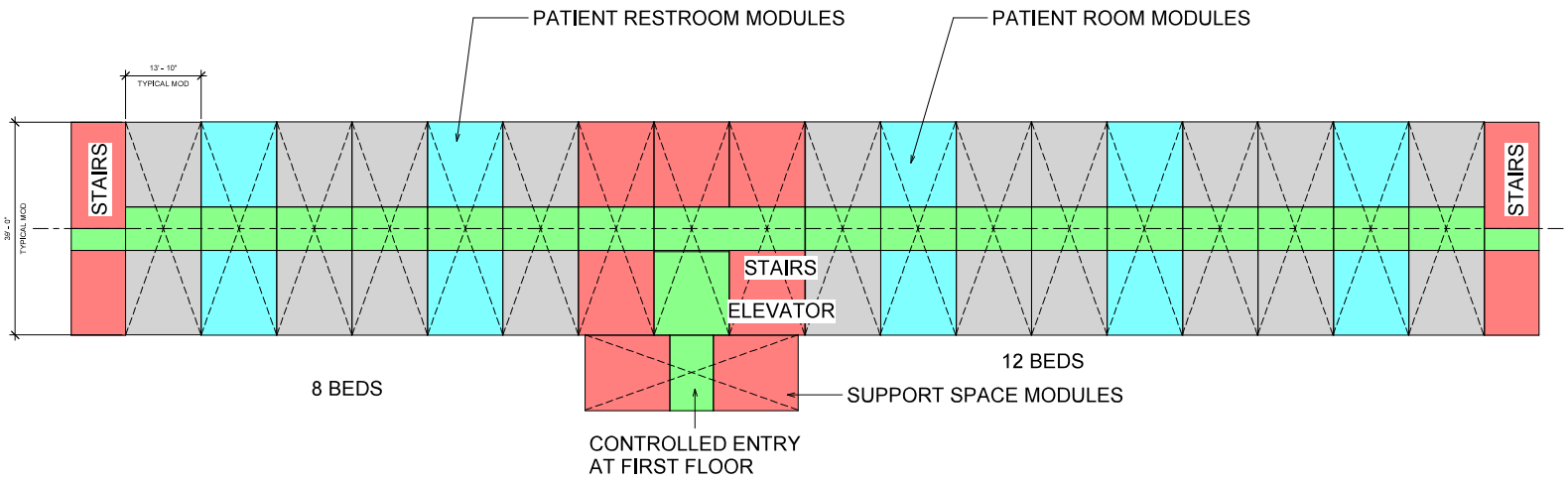
SHEET TITLE:
SINGLE STORY - T SHAPE

SEAL & SIGNATURE

PRELIMINARY
NOT FOR CONSTRUCTION

DATE:	Issue Date Project
PROJ. NO.:	Number
DESIGNER:	Designer
PROJ. MANAGER:	Checker
DRAWING NO:	A102

3/19/2020 11:35:21 AM



1 MULTI-STORY RECTANGULAR
3/32" = 1'-0"

20 BEDS PER FLOOR

MODLOGIQ
SMART OFF-SITE CONSTRUCTION
FORMERLY NRB (USA), INC.
MAIN PHONE: 1-717-354-7770
TOLL FREE: 1-877-455-2160
FAX: 1-717-354-7774
191 QUALITY CIRCLE
NEW HOLLAND, PA 17557
WWW.MODLOGIQ.COM

Axis Construction Corp.
125 Laser Court
Hauppauge, NY 11788
P: 631-243-5970
F: 631-243-5973
www.theaxisgroup.com

SEAL & SIGNATURE

THE INFORMATION CONTAINED IN THIS DRAWING REMAINS THE PROPERTY OF NRB (USA) INC. AND SHALL NOT BE MODIFIED OR REPRODUCED WITHOUT PERMISSION. CONTRACTORS, SUBCONTRACTORS, VENDORS PROVIDED SHALL BE READ IN CONJUNCTION WITH THIS DRAWING.

SHEET ISSUES / REVISIONS

NO.	DATE	DESCRIPTION

PROJECT:
Project Name

Enter address here

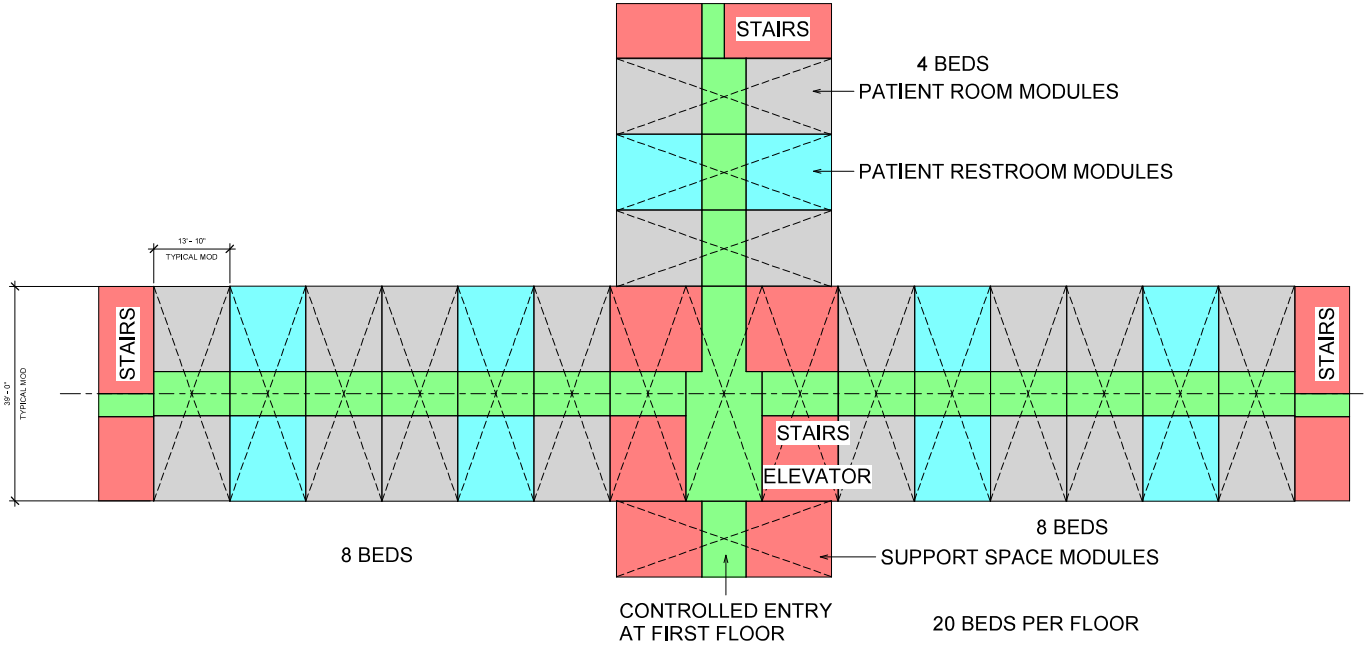
SHEET TITLE:
MULTI-STORY - RECTANGULAR

SEAL & SIGNATURE

PRELIMINARY
NOT FOR CONSTRUCTION

DATE:	Issue Date Project
PROJ. NO.:	Number
DESIGNER:	Designer
PROJ. MANAGER:	Checker
DRAWING NO:	A103

3/19/2020 11:35:21 AM



1 MULTI-STORY T SHAPED
3/32" = 1'-0"

MODLOGIQ
SMART OFF-SITE CONSTRUCTION
FORMERLY NRB (USA), INC.
MAIN PHONE: 1-717-354-7770
TOLL FREE: 1-877-455-2160
FAX: 1-717-354-7774
191 QUALITY CIRCLE
NEW HOLLAND, PA 17557
WWW.MODLOGIQ.COM

Axis Construction Corp.
125 Laser Court
Hauppauge, NY 11788
P: 631-243-5970
F: 631-243-5973
www.theaxisgroup.com

SEAL & SIGNATURE

THE INFORMATION CONTAINED IN THIS DRAWING REMAINS THE PROPERTY OF NRB USA INC. AND SHALL NOT BE MODIFIED OR REPRODUCED WITHOUT PRIOR WRITTEN CONSENT. SPECIFICATIONS, WHEN PROVIDED, SHALL BE READ IN CONJUNCTION WITH THIS DRAWING.

SHEET ISSUES / REVISIONS

NO.	DATE	DESCRIPTION

PROJECT:
Project Name

Enter address here

SHEET TITLE:
MULTI-STORY T-SHAPE

SEAL & SIGNATURE

PRELIMINARY
NOT FOR CONSTRUCTION

DATE:	Issue Date
PROJ. NO.:	Project Number
DESIGNER:	Designer
PROJ. MANAGER:	Checker
DRAWING NO:	A101

3/19/2020 11:35:21 AM