FOUNDATION PLAN

METAL SIDING BRACE WALL WITH TOTAL LENGTH PER SCHEDULE. PROVIDE MINIMUM 6' LONG PANEL AT ANY LOCATION. TOTAL LENGTH CAN BE PLACED IN ONE LOCATION IN A CONTIGUOUS CONFIGURATION. PROVIDE A MINIMUM 6 X 6 POST AND 30" DEEP FOOTING @ PANEL ENDS U.N.O.

INSTALL 24" DIA. DRILLED FOOTING WITH DEPTH AS NOTED PER CONSTRUCTION SCHEDULE. TYPICAL FOR ALL FOOTINGS, U.N.O.

ALTERNATE PLYWOOD SHEAR WALL WITH A TOTAL LENGTH PER SCHEDULE, 4' MIN. FOR ANY PANEL IN THE WALL LINE. PLYWOOD PANELS REPLACE METAL BRACE WALLS TO ALLOW FOR MORE WALL OPENINGS. TOTAL LENGTH CAN BE PLACED IN ONE LOCATION.

OPTION: INSTALL 4" CONCRETE SLAB FOR CONstrained FOOTING CONDITION

6 X 6 HEM FIR P.T. COLUMN, TYP. @ ENDWALLS U.N.O. PER CONSTRUCTION SCHEDULE

Bw PER SCHED. 12'-0" MAX.

LARGE DOOR OPENING OPTION

NOTE:
OPENINGS FOR ALL DOORS MAY BE PLACED AT ANY LOCATION ALONG ANY WALL LINE PROVIDED THE MINIMUM TOTAL BRACE WALL OR SHEAR WALL LENGTH IS ACHIEVED. THE MINIMUM WALL LENGTH FOR EACH WALL TYPE USED SHALL BE MAINTAINED. A 6 X 6 POST AND FOOTING PER SCHEDULE SHALL BE PROVIDED AT EACH END OF A BRACE WALL OR SHEAR WALL.
ENGINEERED CABLE END TRUSS WITH OPTIONAL DROP TOP CHORD FOR OVERHANG CONDITION (TYP.)

OPTIONAL OVERHANG, DESIGN ENDWALL TRUSS FOR LOADING

PURLINS @ 24" O.C., SIZE AS PER CONSTRUCTION SCHEDULE

ENGINEERED TRUSSES INSTALLED ON EACH SIDE OF COLUMNS, DESIGN FOR SNOW LOADS PER THE CONSTRUCTION SCHEDULE (TYP.)

25 GA. CORRUGATED METAL ROOFING FASTENED PER PLAN

NOTE: TRUSSES CALCULATIONS SHALL BE PROVIDED TO THE INSPECTOR PRIOR TO THE INSTALLATION OF TRUSSES.
1) **TYPICAL NON-CONSTRANDED COLUMN FTG.**

- 6 x P.T. COLUMN PER SCHEDULE EMBEDDED IN FOOTING
- 2 x 6 DF #2 SOLID BLKG. BETWEEN GRTS #/ 16d @ 6" O.C. INTO COLUMN
- 2 x 6 DF #2 GRTS @ 24" O.C. W/ 3 - 3" DECK SCREWS EACH COLUMN
- 26 GA. CORRUGATED METAL SIDING W/ FASTENERS PER PLAN
- 2 x 6 HF #2 P.T. BASE GRT W/ 3 - 3" DECK SCREWS EACH COLUMN
- #4 PIPED HARP IN TO EXTEND MINIMUM 3/4" INTO SLAB EACH SIDE
- MIN. 4" CONCRETE SLAB
- 20d NAILS SPIKED W/ MIN. 1 1/2" EMBEMENT INTO COLUMN IN A UNIFORMLY SPACED PATTERN. QUANTITY EACH FACE AS PER SCHEDULE

2) **TYPICAL CONSTRAINED COLUMN FTG.**

- 6 x P.T. COLUMN PER SCHEDULE EMBEDDED IN FOOTING
- 2 x 6 DF #2 SOLID BLKG. BETWEEN GRTS #/ 16d @ 6" O.C. INTO COLUMN
- 2 x 6 DF #2 GRTS @ 24" O.C. W/ 3 - 3" DECK SCREWS EACH COLUMN
- 26 GA. CORRUGATED METAL SIDING W/ FASTENERS PER PLAN
- 2 x 6 HF #2 P.T. BASE GRT W/ 3 - 3" DECK SCREWS EACH COLUMN
- #4 PIPED HARP IN TO EXTEND MINIMUM 3/4" INTO SLAB EACH SIDE
- MIN. 4" CONCRETE SLAB
- 20d NAILS SPIKED W/ MIN. 1 1/2" EMBEMENT INTO COLUMN IN A UNIFORMLY SPACED PATTERN. QUANTITY EACH FACE AS PER SCHEDULE

**Concrete Footing**

- 24" DIA. MIN. PER SCHEDULE
- 2" FREE-DRAINING GRAVEL BED W/ POSTS
3 TYP. NON-CONSTRAINED COLUMN FTG. @ SHEAR WALL

4 TYP. CONSTRAINED COLUMN FTG. @ SHEAR WALL
5) TYPICAL CONSTRAINED COLUMN FTG. HAIRPIN

6) TYPICAL NAILER BLOCKING @ METAL SHEAR PANEL/COLUMNS

7) TYPICAL NAILER BLOCKING @ SHEAR PANEL/COLUMNS
8 TYPICAL TRUSS/COLUMN/ENDWALL DETAIL

9 TYPICAL TRUSS/COLUMN/EAVE DETAIL