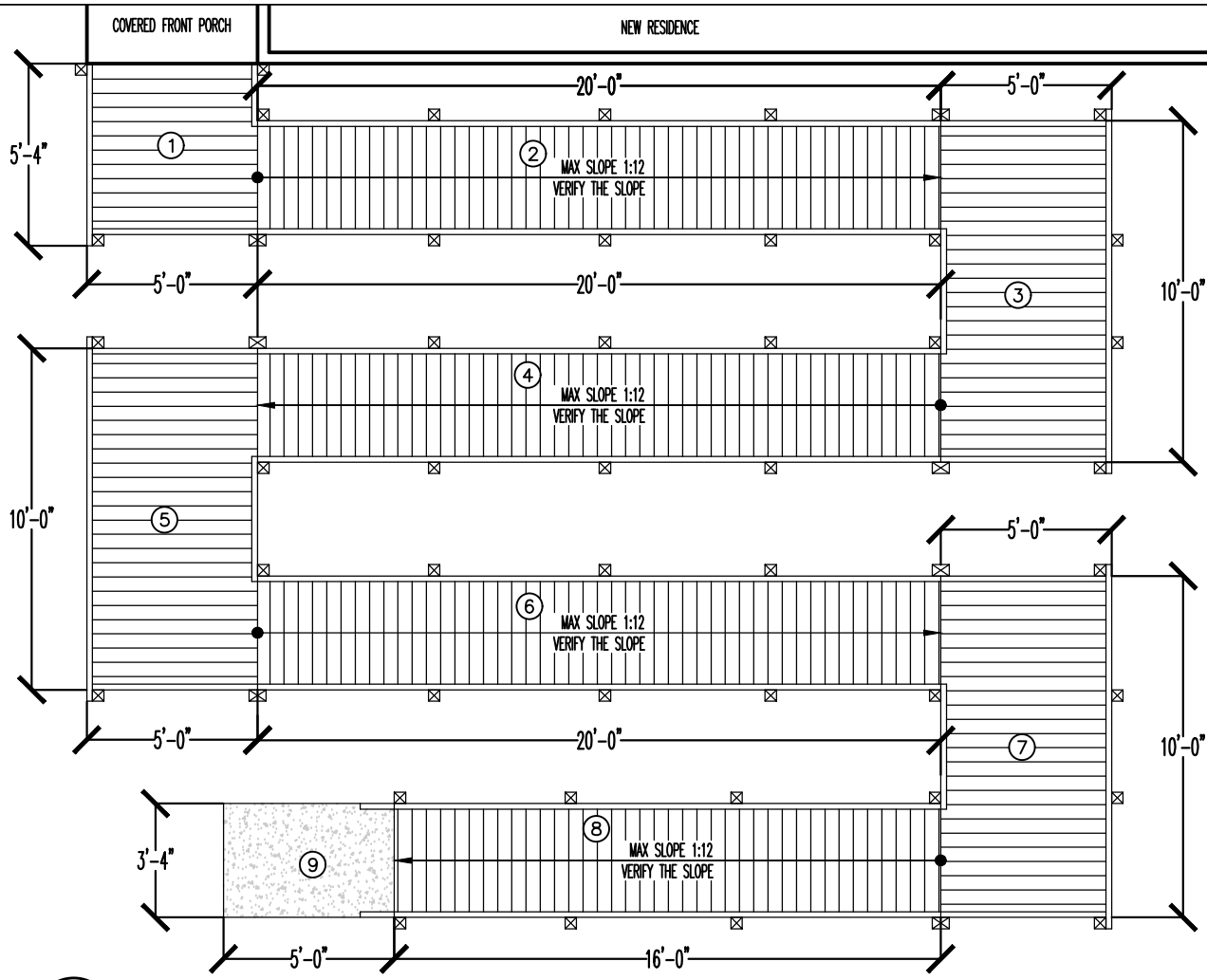


CONSTRUCTION NOTES

SEE "DESCRIPTION OF CONTRACTOR WORK" FOR A DESCRIPTION OF WORK AND MATERIALS. RAMP SYSTEM, WITH SLOPE 1:12, TO INCLUDE:

1. TOP LANDING
2. TOP RAMP
3. MIDDLE LANDING #1
4. MIDDLE RAMP #1
5. MIDDLE LANDING #2
6. MIDDLE RAMP #2
7. BOTTOM LANDING
8. BOTTOM RAMP
9. CONCRETE LANDING

WOOD:

1. GROUND CONTACT AND NON GROUND CONTACT LUMBER SHALL BE PRESERVED WITH ACQ (ALKALINE COPPER QUATERNARY) AND SHALL BEAR A VISIBLE QUALITY MARK.
2. DECKING SHALL BE 2"X6" PRESERVED LUMBER FOR NON GROUND CONTACT USE.
3. ALL LUMBER TO BE PRESSURE TREATED AND MARKED PER NC BUILDING CODE.

FASTENERS:

1. NAILS SHALL BE 16D RING SHANK, HOT DIPPED GALVANIZED OR 12D ELECTROPLATED FOR NAIL GUN. ANY FASTENERS (NAILS, SCREWS, BOLT, JOIST HANGERS, ETC.) SHALL COMPLY WITH THE MANUFACTURER AS BEING APPROPRIATE FOR USE WITH TYPE OF PRESERVED LUMBER BEING USED.
2. STRUCTURAL SCREWS SHALL BE USED FOR SECURING 2"X6" JOISTS TO 4"X4" VERTICAL POSTS.

CONCRETE:

1. VERTICAL 4"X4" POSTS SHALL BE SUPPORTED BY CONCRETE FOOTINGS (4" PRECAST OR 6" POUR IN PLACE). FOOTING AREA SHALL NOT BE LESS THAN 110 SQ. INCHES WITH ASPECTS RATIO NOT GREATER THAN 2:1. TRIBUTARY AREA SHALL NOT EXCEED 16 SQ. FEET.
   VERTICAL POSTS ARE LATERAL SUPPORTED WITH CONCRETE BACK FILL FROM FOOTING TO GROUND LEVEL.
2. CONCRETE PAD AT BASE OF RAMP SHALL BE AT LEAST 4" THICK AND SHALL BE GRADE LEVEL (NO DROP OFF). SLOPE SHALL NOT EXCEED 1:48 FALLING AWAY FROM RAMP DECK. ALL CONCRETE SHALL BE AIR ENTRAINED (NO AIR BUBBLES).
3. COMPRESSIVE STRENGTH OF ALL CONCRETE SHALL BE 2500 PSI. ALL CONCRETE SURFACES SHALL RECEIVE A LIGHT BROOM FINISH SIDE TO SIDE WITH NO POOLING AREAS.

HANDRAILS:

1. THERE SHALL BE HANDRAILS ON BOTH SIDES OF RAMP(S), LANDING(S), STEPS, AND EXISTING PORCHES AS SHOWN ON DRAWING. UPPER EDGE OF TOP RAIL SHALL BE ROUND USING A ROUTER WITH 1/2" ROUND-OVER BIT. SAND THE RAILS TO ELIMINATE SPLINTERS.
2. TOP HAND RAIL SHALL BE OVERLAPPED ON 4"X4" POST OR BUTT JOINTED ON 4"X6" POST AS SHOWN ON THIS DRAWING. BOLTS OR NAILS ARE ACCEPTABLE.

POSTS:

1. ALL POSTS SHALL BE 4"X4" PRESERVED LUMBER UNLESS THE DISTANCE FROM TOP OF CONCRETE FOOTING TO BOTTOM OF GIRDER IS GREATER THAN OR EQUAL TO 8' AND LESS THAN 20' THEN POSTS SHALL BE 6"X6" PRESERVED LUMBER.
   WHERE POST(S) IS (ARE) LOCATED OVER EXISTING CONCRETE USE ELEVATED
2. POST BASE. ATTACH POST BASE(S) TO BOTTOM OF POST(S) AND ANCHOR TO EXISTING CONCRETE USING ONE 5/8" (MIN.) GALVANIZED BOLT.

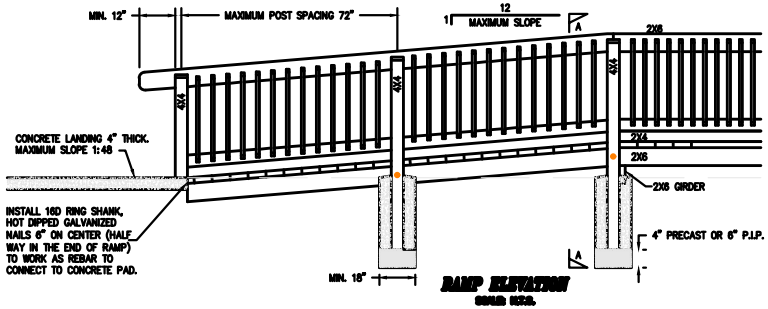
MIN. RAMP:

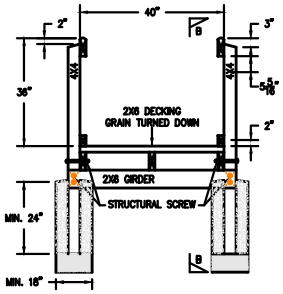
1. WHEN RAMP ENDS ON EXISTING CONCRETE SURFACES USE 1/4" THICK ALUMINUM OR 1/8" THICK STEEL DIAMOND TREAD FLOOR PLATE.
2. DADO LAST FLOOR DECKING BOARD 2" WIDE X 1/4" DEEP. ATTACH MIN RAMP TO LAST FLOOR DECKING BOARD AND SUPPORT WEDGES USING ROUND HEAD SCREWS.

1 / S1 MODIFIED RAMP CONDITIONS

1/4"=1'-0"

NOTE: SIDE ENTRANCE RAMP





	PRELIMINARY - DO NOT USE FOR CONSTRUCTION
	PROGRESS DRAWINGS - DO NOT USE FOR CONSTRUCTION
	PRELIMINARY PLAN - NOT FOR RECORDATION, CONVEYANCES, OR SALES
	FINAL DRAWING - NOT RELEASED FOR CONSTRUCTION
X	FINAL DRAWING - RELEASED FOR CONSTRUCTION

CHICORA
Engineering & Construction

CHICORA, PLLC.
ENGINEERING & CONSTRUCTION
LICENSE NO.: P-1697
P.O. BOX 3400
PEMBROKE, NC 28372
(910)322-6836

1231 Murchisontown Road
SANFORD, NORTH CAROLINA

Ramp Layout Plan

No.	Revision/Issue	Date
	##############	

Date	05/20/25
Drawn by	PEJ
Checked by	DL
Sheet	S1