

NCDPS RANDALL BUILDING RENOVATION

ABBREVIATIONS

AFF above finish floor ACT acoustical tile ADJ adjacent ALUM aluminum AB anchor bolt ANOD anodized APPROX approximate ARCH architectural BSMT basement BRG bearing BID bid alternate BD board BOT bottom BLDG building CPT carpet CI cast iron CLG ceiling CT ceramic tile CLSRM classroom CO clean out CLR clear COL column CONC concrete CMU conc. masonry unit CONST construction CM construction manager CONT continuous CJ control joint CSK counter sunk DEPT department DET detail DIA diameter DIM dimension DS down spout DWG drawing

EA each ELEC electric EWC elec. water cooler EL elevation ELEV elevator EQ equal EQUIP equipment EXIST existing EJ expansion joint cover EXP exposed EXT exterior FOC face of concrete FOM face of masonry FIN finish FFE finished floor elev. FE fire extinguisher FLR floor FD floor drain FLUOR fluorescent FTG footing FND foundation GALV galvanized GA gauge GC general contract(or) GL glass GLZ glazing GYP BD gypsum board HDW hardware HD heavy duty HT height HM hollow metal HORIZ horizontal HB hose bibb

ID inside diameter IF inside face INSUL insulation INT interior KPL kickplate LAB laboratory LAM laminate LAV lavatory LVR louver LPT low point MH manhole MFR manufacture(r) MBL marble MAS masonry MO masonry opening MATL material MAX maximum MECH mechanical MTL metal MIN minimum MISC miscellaneous MVBL moveable NOM nominal NIC not in contract NTS not to scale OC on center OPNG opening OPP opposite OD outside diameter OF outside face OH overhang OHD over head P.T. pressure treated PNT paint(ed) PTN partition PLAM plastic laminate PLYWD plywood PVC polyvinyl chloride PSF pounds/ sq. ft. PSI pounds/ sq. in. PROP property

QTY quantity QT quarry tile R radius REF reference REINF reinforcing(e) REQD required RA return air REV revision(s), revised REBAR steel reinforc. bai

RD roof drain RDL roof drain leader RM room RB rubber base SECT section SS service sink SHT sheet SIM similar SC solid core SPEC specification(s) SPKLR sprinkler SF square feet SQ IN square inch STD standard STL steel STOR storage STRUCT structural SUSP suspend(ed) TEL telephone THRES threshold TOM top of masonry TOS top of steel TYP typical

TOS top of steel TYP typical UPS uninterrupted power supply UON unless otherwise noted

VERT vertical VB vinyl base VCT vinyl composition tile WSCT wainscot WC water closet WWF welded wire fabric WWM welded wire mesh WG wire glass W/ with WD wood WB wood base

DESIGN TEAM

OWNER:

North Carolina Department of Public Safety Raleigh, North Carolina Contact: Daniel Godwin 919–324–1228

ARCHITECT:

Davis Kane Architects, P.A. Raleigh, North Carolina Contact: Robert Stevenson, AIA Contact: Chad Volk 919–719–2811

STRUCTURAL ENGINEER:

Lynch Mykins Structural Engineers, PC Raleigh, North Carolina

Contact: Jeff Morrison, PE 919-782-1833

SHEET INDEX

<u>TITLE SHEETS:</u>

G001 COVER SHEET G002 BUILDING CODE SUMMARY G003 LIFE SAFETY PLAN G004 WORK RESTRICTIONS

ARCHITECTURAL:

A001 PLANS A002 ENLARGED PLANS & DETAILS A003 DETAILS

STRUCTURAL:

SOOI STRUCTURAL NOTES SIOI STRUCTURAL DETAILS

Т 6



	ALLOWABLE HEIGHT EXISTING BUILDING, NO CHANGE	EXISTING BUILDING, NO CHANG
Name of Project: <u>NCDPS Randall Building Renovation</u> Address: <u>827-831 W Morgan St, Raleigh, NC</u> Suite #: Dwner or Authorized Agent: Shane Godwin Phone #: 919-324-1228	Allowable Height Shown on Code	ENERGY SUMMARY
Email: <u>daniel.godwin@dac.nc.gov</u> Fax #: <u>919-716-3978</u> Dwned By: <u>-</u> City/County Private X State	PlansReferenceBuilding Height in Feet (Table 504.3)H =ftH =ft	The following data shall be considered minimum and any special attribute required meet the energy code shall also be provided. Each Designer shall furnish the required
Code Enforcment Jurisdiction:CityCountyState Name of Jurisdiction:	Building Height in Stories (Tbale 504.4) S = S = Table 504.4	portions of the project information for the plan data sheet. If performance method state the annual energy cost for the standard reference design vs annual energy c for the proposed design.
CONTACT Robert Stevenson	FIRE PROTECTION REQUIREMENTS EXISTING BUILDING, NO CHANGE	Existing building envelope complies with code:
Architectural Davis Kane Architects, PA Robert Stevenson 6214 919-833-3737	BUILDING ELEMENT FIRE RATING DETAIL # DESIGN # DESIGN # FOR DESIGN # SEPARATION REQ'D* PROVIDED AND FOR RATED FOR DISTANCE W/ HD* SHEET # DATED DEFIDATION PATED	Exempt Building: No Yes (Provide code or statutory reference): Climate Zone: 3A 4A 5A
Clectrical Fire Alarm	DISTANCE (FEET) (W/R* REDUCTION) SHELT # RATED ASSEMBLY PENETRATION RATED JOINTS Structural Frame, including columns arears trusses Image: Columns arears trusses Image: Columns arears trusses Image: Columns arears trusses	Method of Compliance: Energy Code 🗌 Performance 🔲 Prescriptive ASHRAE 90.1 🗌 Performance 🗌 Prescriptive
Iumbing Iechanical	Bearing Walls	(If "Other" specify source here)
Structural Engineers, PC Jeff Morrison 27813 919-782-1833	East Image: Constraint of the second secon	THERMAL ENVELOPE:
$\frac{ }{ } = $	Nonbearing Walls and Partitions Image: Constraint of the second	Description of assembly : TPO membrane on polyiso insulation
	Fost Image: Cost in the second seco	U-Value of total assembly
2018 NC BUILDING CODE: New Building Addition Renovation	Interior Walls and Partitions Image: Construction including Floor construction including Image: Construction including supporting beams and joists Image: Construction including	R-Value of insulation Skylights in each Assembly
Shell/Core — Contact the local inspection jurisdiction for possible additional procedures and requirements Phased Construction — Shell/Core — Contact the local	Columns Supporting Floors	Total square footage of skylights in each assembly
inspection jurisdiction for possible procedures and requirements	Roof Ceiling Assembly Image: Columns Supporting Roof Shafts Enclosures - Exit Image: Columns Support Co	Exterior Walls (each assembly) Description of assembly :
Alteration: Level I Level II Level II	Shafts Enclosures - Other Image: Consider separation Corridor Separation Image: Consider separation	U-Value of total assembly
🗌 Historic Property 🛛 Change of Use	Party/ Fire Wall Separation	Openings (windows or doors w/ glazing) U-Value of assembly
CONSTRUCTED:(date)1960CURRENT OCCUPANCY(S)(Ch.3)BUSINESS GROUP BRENOVATED:(date)1964PROPOSED OCCUPANCY(S)(Ch.3)BUSINESS GROUP B	Incidental Use Separation	Solar heat gain coefficient:
DCCUPANCY CATEGORY (Table 1604.5): Current:	* Indicate section number permitting reduction	Door U-Values
Proposed: I I II III IV	PERCENTAGE OF WALL OPENING CALCULATIONS EXISTING BUILDING, NO CHANGE	vvalls below grade leach assembly) Description of assembly :
	Fire Separation Distance (feet) from Protection Protection (%) Allowable Area Actual Shown on Plans (%)	U-Value of total assembly R-Value of insulation
$\Box = B \qquad \Box = A \qquad \Box = V = A \qquad \Box = V = B \qquad \Box = $	Property Lines (IdDle /UD.8)	Floors over unconditioned space (each assembly)
prinklers: 🛛 No 🗌 Partial 🗌 Yes 🗌 NFPA 13 🗌 NFPA 13R 🗌 NFPA 13D tandpipes: 🖾 No 📋 Yes Class 🦳 I 🦳 II 🦳 III 🦳 Wet 🗔 Drv		Description of assembly : U-Value of total assembly
ire District: 🛛 No 🗌 Yes Floor Hazard Area: 🗌 No 🗌 Yes		R-Value of insulation
for additional procedures and requirements)	LIFE SAFETY SYSTEM REQUIREMENTS	Floors slab on grade Description of assembly :
ROSS BUILDING AREA TABLE	Exit Signs: No Yes	U-Value of total assembly
LOOR EXISTING (SQ FT) NEW (SQ FT) RENOVATION (SQ FT) Ground Floor 13.030	Smoke Detection Systems: No Yes Partial	Horizontal/vertical requirement:
1st Floor 12,900 2nd Floor 13,030		
3rd Floor 13,030 TOTAL 51,990	LIFE SAFETY PLAN REQUIREMENTS	2018 APPENDIX B
	Life Safety Plan Sheet #: G003 $M \text{Fire and for small lasting (Charter 7)}$	BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS STRUCTURAL DESIGN
Primary Occupancy Classification(s):	Assumed and real property line locations (if not on the site plan)	(PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)
Assembly A-1 A-2 A-3 A-4 A-5 Business X	 Excertor wan opening area with respect to distance to assume property lines (705.8) Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2) Occupant loads for each area 	Importance factors: Snow (Is)
Educational [] Factory [] F—1 Moderate [] F—2 Low Hazardous [] H—1 Detonate [] H—2 Deflacente [] H 3 Combust	Exit access travel distances (1017) M Common path of travel distances (Tables, 1000, 0.1, %, 1000, 7.0(1))	Seismic (Ie) Live Loads: Roof psf
$\square H-4 \text{ Health} \square H-5 \text{ HPM}$ Institutional $\square H-1 \text{ Condition} \square 1 \square 2$	 Common path of traver distances (Tables 1006.2.1 & 1006.3.2(1)) Dead end lengths (1020.4) Olever with a title for a the title to the second secon	Mezzanine psf Floor psf
$\square I - 2 \text{ Condition} \qquad \square 1 \qquad \square 2 \\ \square I - 3 \text{ Condition} \qquad \square 1 \qquad \square 2 \qquad \square 3 \qquad \square 4 \qquad \square 5$	 Clear exit widths for each exit door Maximum calculated occupant load capacity each exit door can accommodate based on earess width (1005.3) 	Ground Snow Load: psf Wind Load: Basic Wind Speed psf
□ I-4 Mercantile □ Residential □ P-1 □ P-2 □ P-3 □ P-4	Dased on egress whath (1005.3) A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation.	Exposure Category
Storage S-1 Moderate S-2 Low High-piled Parking Gargae Open Ficlosed Repair Gargae	□ Location of doors with delayed agrees looks and the grount of dolay (1010.1.0.7)	SEISMIC DESIGN CATEGORY: 🗌 A 🗌 B 🔲 C 🔲 D
Utility and Miscellaneous	Location of doors with electromagnetic egress locks and the amount of aelay (1010.1.9.7) Location of doors with electromagnetic egress locks (1010.1.9.9)	Provide the following Seismic Design Parameters:
accessory occupancy Classification(s):	Location of emergency escape windows (1030) The energy fortune of each fire many (200)	Risk Category (Table 1604.5) 🔲 I 🗌 III 🗌 III 🗌 IV Spectral Response Accelaration Ss %g S1 %g
pecial Uses (Unapter 4 -List Code Sections): pecial Provisions (Chapter 5 - List Code Sections):	Intel square rootage of each fire area (202)	Site Classification (ASCE 7)
ixed Occupancy: No Yes Separation: Hr. Exception:	ы Note any coae exceptions or table notes that may have been utilized regarding the items above	Basic Structural System Bearing Wall Dual w/ Special Moment Fram
Non-Separated Use (508.3.) - The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies	ACCESSIBLE DWELLING UNITS N/A	Building Frame Dual w/ Intermediate R/C or Moment Frame Inverted Pendulum
to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.	Total Accessible Accessible Type A Type A Type B Type B Total	Analysis Frocedure: Li Simplified Li Equivalent Lateral Force Li Dyr Architectural. Mechanical, Components anchored: Di Yes Di No
□ Separated Use (508.4) - See below for area calculations for each story, the area of the secondary should	Units Units Units Units Units Units Units Accessible Units Required Provided Required Provided Required Provided Provided	LATERAL DESIGN CONTROL: Farthquake
be such that the sum of the ratios of the actual floor area of the occupancy shall divided by the allowable floor area for each use shall not exceed 1.		
Actual Area of Occupancy A Actual Area of Occupancy B1		<i>SOIL BEARING CAPACITIES:</i> Field Test (provide copy of test report) psf
Allowable Area of Occupancy A 🧮 Allowable Area of Occupancy B 🛸	ACCESSIBLE PARKING (SECTION 1106) EXISTING BUILDING, NO CHANGE	Presumptive Bearing Capacity psf Pile Size. Type. and Capacity psf
+ + = ≤ 1	LOT OR TOTAL # OF PARKING SPACES # OF ACCESSIBLE SPACES PROVIDED TOTAL # PARKING REQUIRED PROVIDED REGULAR WITH 5' VAN SPACE WITH ACCESSIBLE	
EXISTING BUILDING, NO CHANGE	ACCESS AISLE 132" ACCESS 8" ACCESS AISLE PROVIDED	
tory Description Bldg Area (B) (C) (D) Table Area for Frontage Allowable Area		
No. and Use Per Story 506.2 ⁴ Area Increase ^{1,5} per Story or Unlimited ^{2,3}		
	PLUMBING FIXTURE REQUIREMENTS EXISTING BUILDING, NO CHANGE (SECTION 2902.1)	
	USE WATERCLOSETS URINALS LAVATORIES SHOWERS DRINKING FOUNTAINS	
Frontage area increases from Section 506.2 are computed thus: a. Perimeter which fronts a public way or open space having 20 feet minimum	Image: Internal of the second seco	
width = $-$ ft (F) b. Total Buildina Perimeter = $-$ ft (P)	C REQ'D	
c. Ratio $(F/P) = \\(F/P)$ d. W = Minimum width of public way =ft (W)	SPECIAL APPROVALS	
e. Percentage of frontage increase $I_f = 100[F/P-0.25] \times W/30 = \$ (%)	Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS,	
Unimited area applicable under conditions of 507.	etc, describe below)	
Maximum Building Area = total number of stories in the building x D (maximum 3 (505.2)		
Maximum Building Area = total number of stories in the building x D (maximum 3 stories)(506.2). The maximum area of open parking garages must comply with 406.5.4. The maximum		

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2018 APPENDIX B BUILDING CODE SU MECHANICAL DESIG (PROVIDE ON THE	JMMARY FOR ALL COMMER GN MECHANICAL SHEETS IF J	SEE MECHAN RCIAL PROJECTS APPLICABLE)	IICAL DRAWINGS	н	DAVIS KAN ARCHITECTS, F 503 OBERLIN ROAD SUITE RALEIGH, NC 27605
MECHANICAL SYST Thermal Zone winte	EMS, SERVICE SYSTEMS A or dry bulb:	ND EQUIPMENT		_	919.833.3737 www.daviskane.com
summ <i>Interior design</i> winte summ	ner dry bulb: <i>conditions</i> er dry bulb: ner dry bulb:				PROJECT INFORMATIO
relati Building Heatin Building Coolin Mechanical Sp	ve humidity: g Load: g Load: acing Conditioning System	7		-G	
Unita G H	ry description of unit: neating efficiency: cooling efficiency:				ርባ
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List equipmen	Size category. If oversized t efficiencies:	, state reason: 			3UIL
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ELECTRICAL SYSTE Method of Con Lighting Sched lamp numb	EM AND EQUIPMENT Inpliance: Energy Code ASHRAE 90.1 Jule (each fixture type) type required in fixture per of lamps in fixture	☐ Performance ☐ Pr ☐ Performance ☐ Pr	escriptive escriptive		TION 22-25118-
ballas numb total total total	st type used in fixture per of ballasts in fixture wattage per fixture interior wattage specified exterior wattage specified	∨s. allowed (whole buildi	ng or space by space)		DPS NOVA: ID NO.
Additional Efficient (When using ta ☐ C400 ☐ C400 ☐ C400	ciency Package Options he 2018 NCECC; not requi 6.2 More Efficient HVAC 1 6.3 Reduced Power Lightir 6.4 Enhanced Digital Light	<i>vired for ASRAE 90.1)</i> Equipment Performance ng Density ing Controls		Ε	
	6.5 On-Site Renewable Er 6.6 Dedicated Outdoor Air 6.7 Reduced Energy Use i	lergy System n Ser∨ice Water Heating 	3	_	ALANE ARCHING
					AVG PALE LOR H.C.
				- D	R. STERA
					BELLA CARDUNAL
					DKA JOB NUMBER 2221
				-c	REVISIONS
					These drawings are the property of Davis K
				— В	Architects, P.A. They may not be reused fo purpose without written permission. Copyright@2023 by Davis Kane Architects All rights reserved. PA: ROBERT STEVEN PM: CHAD \ Drawn By:
					Plot Date: 8/21/2023 4:0 File Name: 2221_ View: F
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	G	ENERAL	L NOTES:				<u>C</u>	AST
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G–	5.	PORTIONS OF	F THE STRUCTURE HAVE NOT BEEN RE	NOT ALTERED AN EVIEWED FOR CO	D NOT AFFECTED E MPLIANCE WITH TH	BY THE IE CODE	0.	COVER GREAT
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		STAIRWA	AYS			F		
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E-		ANCHORS A. ANC 1. A	S/ADHESIVES MUST CHORAGE TO CONC ADHESIVE ANCHOR	BE USED: CRETE S FOR CRACKED A	AND UNCRACKED C	ONCRETE USE:		
		a o o	a. HILTI HIT-HY 200 (TE-CD OR TE-Y VC40U) WITH ST) SAFE SET SYSTE D) AND VC 20/40 V FEEL THREADED F	EM WITH HILTI HOLI ACUUM SYSTEM (V ROD PER ICC ESR-3	LOW DRILL BIT /C 20-U OR 187.		
		B. REBA 1. A	AR DOWELING INTO ADHESIVE ANCHOR	EZ SCREW ANCH CONCRETE S FOR CRACKED A	ORS PER ICC ESR-	ONCRETE USE:		
		a	a. HILTI HIT-HY 200 (TE-CD OR TE-Y 40-U) WITH CON) SAFE SET SYSTE D) AND VC 20/40 \ ITINUOUSLY DEFC	EM WITH HILTI HOLI ACUUM SYSTEM (V DRMED REBAR PER	LOW DRILL BIT YC 20-U OR VC ICC ESR-3187.		
D-		C. ANCF 1. A a	ADHESIVE ANCHOR ADHESIVE ANCHOR A. HILTI HIT-HY 27(PENDING)	S USE:) MASONRY ADHE	RY SIVE ANCHORING S	SYSTEM (ICC		
		b 2. N	D. STEEL ANCHOR THREADED ROD MECHANICAL ANCH	ELEMENT MUST). ORS USE:	BE HILTI HAS-E CON	ITINUOUSLY		
		a D. ANCH 1. A	A. HILTI KWIK HUS HORAGE TO HOLLO ADHESIVE ANCHOR	EZ SCREW ANCH W / MULTI-WYTHE S USE:	ORS PER ICC ESR : MASONRY	3056.		
		b	PERICCESR-334 D. STEEL ANCHOR THREADED ROL	ELEMENT MUST	BE HILTI HAS-E CON	ITINUOUSLY EEL REBAR.		
0		с	C. THE APPROPRIA	ATE SIZE SCREEN UFACTURER'S RE	TUBE MUST BE US COMMENDATION.			
C-		2. ALTERNA ENGINEEF REQUEST THE RELE	TE POST INSTALLE R FOR REVIEW AND IS MUST BE ACCOM	D ANCHOR PRODU POSSIBLE APPRO PANIED BY AN ICO DE FOR SEISMIC	JCTS MAY BE SUBN DVAL. ALL SUBSTIT C ESR SHOWING CO USES LOAD RESIS	IITTED TO THE UTION OMPLIANCE WITH TANCE		
		INSTALLA ADHESIVE TEMPERA	TION CATEGORY, A E ANCHOR EVALUA TURE AND INSTALL	ND COMPREHENS TION WILL ALSO C ATION TEMPERAT	SIVE INSTALLATION ONSIDER CREEP, I URE. ALTERNATE	INSTRUCTIONS. N-SERVICE PRODUCTS MAY		
		3. INSTALL A	MODIFICATIONS TO ANCHORS PER THE HOR PACKAGING	O ANCHOR DIAME	TER, SPACING, AND			
		4. THE CONT REPRESE	TRACTOR MUST AR ENTATIVE TO PROVI	RANGE FOR AN A DE ONSITE INSTA	NCHOR MANUFACT LLATION TRAINING	URER'S FOR ALL OF		
В-		THEIR AN RECORD I CONTRAC THE COMI	ICHORING PRODUC MUST RECEIVE DO CTOR'S PERSONNEL MENCEMENT OF AN	TS SPECIFIED. TH CUMENTED CONF WHO INSTALL AN ICHOR INSTALLAT	E STRUCTURAL EN RMATION THAT ALL ICHORS ARE TRAIN ION.	GINEER OF _ OF THE IED PRIOR TO		
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Δ		THE BARS REINFOR FERROSC	S CAN BE CUT, THE CING BARS AT THE CAN OR GPR.	CONTRACTOR MULOCATIONS OF TH	IST LOCATE THE PO IE CONCRETE ANC	DSITION OF THE HORS, BY		
~ ~		7. ALL POST TO VERIF MANUFAC SCHEDUL	INSTALLED ANCHO Y INSTALLATION HA CTURER'S WRITTEN E OF SPECIAL INSF	ORS REQUIRE CON AS BEEN PERFORI INSTRUCTIONS. F PECTIONS FOR AD	ITINUOUS SPECIAL MED IN ACCORDANG REFERENCE THE ST DITIONAL INFORMA	INSPECTIONS CE WITH THE TATEMENT AND TION.		
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-IN-PLACE CONCRETE NOTES:

RETE MUST BE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE 301 AND 318.

RETE FOR EXTERIOR STAIR (EXPOSURE CLASS C2): f'c = 4000 PSI, 4.5% 5% ENTRAINED AIR), MAXIMUN WATER CEMENTITIOUS RATION = 0.45.

ORCING MATERIALS MUST BE AS FOLLOWS: EINFORCING BARS - ASTM A615, GRADE 60, DEFORMED, WITH ASTM A775 EPOXY COATING WITH LESS THAN 2% DAMAGE EACH 12" BAR LENGTH.

EINFORCING STEEL AND EMBEDDED ITEMS SUCH AS ANCHOR RODS AND PLATES MUST BE ACCURATELY PLACED AND ADEQUATELY TIED AND ORTED BEFORE CONCRETE IS PLACED TO PREVENT DISPLACEMENT ND PERMITTED TOLERANCES.

RETE COVER TO REINFORCING STEEL MUST CONFORM TO THE MINIMUM R RECOMMENDATIONS IN ACI 318, UNLESS THE DRAWINGS SHOW TER COVER REQUIREMENTS.

CONTINUOUS REINFORCING STEEL 57 X BAR DIAMETER, TYPICAL UNLESS RWISE NOTED.

CTURAL STEEL NOTES:

TURAL STEEL MUST BE IN ACCORDANCE WITH THE AMERICAN INSTITUTE EEL CONSTRUCTION (AISC) 360.

TURAL STEEL MUST COMPLY WITH THE FOLLOWING SPECIFICATIONS: TRUCTURAL STEEL SHAPES, PLATES AND BARS UNLESS OTHERWISE OTED - ASTM A36, Fy = 36 KSI

DIP GALVANIZE AFTER FABRICATION THE FOLLOWING: NGLES AND PLATES SUPPORTING MASONRY IN EXTERIOR WALLS.

AFF	ABOVE FINISHED FLOOR	HVY	HEAVY
ARCH	ARCHITECT	INT	INTERIOR
BD	BAR DIAMETER	JBE	JOIST BEARING ELEVATION
BF	BRACED FRAME	JT	JOINT
BFJ	BUII DING EXPANSION JOINT	KC'I	KEYED CONSTRUCTION JOINT
BLDG		1	
ROD	BOTTOM OF DECK	LLV	LONG LEG VERTICAL
ΒΟΤ, Β	BOTTOM	LSH	LONG SIDE HORIZONTAL
BRG	BEARING	LSV	LONG SIDE VERTICAL
BTWN	BETWEEN	LTWT	LIGHTWEIGHT
СТОС	CENTER TO CENTER	IWC	LIGHTWEIGHT CONCRETE
CEME		MAS	MASONRY
CJ		MAX	MAXIMUM
CL	CENTERLINE	MECH	MECHANICAL
CLR	CLEAR	MF	MOMENT FRAME
CMU	CONCRETE MASONRY UNIT	MFR	MANUFACTURER
COL	COLUMN	MID	MIDDLE
CONC	CONCRETE	MIN	MINIMIM
CONN	CONNECTION		
CONSTR		MOS	
CONSTR	CONSTRUCTION	MOS	MIDDEPTH OF SLAB
CONT	CONTINUOUS	NOM	NOMINAL
COORD	COORDINATE	NTS	NOT TO SCALE
CTR	CENTER	OC	ON CENTER
CTRD	CENTERED	OPH	OPPOSITE HAND
CW	CURTAIN WALL	OPNG	OPENING
DBI		PAF	
DCJ	DOWELED CONSTRUCTION	PAR	PARALLEL
	JOINT	PC	PIECE
DIA, Ø	DIAMETER	PEMB	PRE-ENGINEERED METAL
DJ	DOUBLE JOIST		BUILDING
DWGS	DRAWINGS	PEN	PENETRATE. PENETRATION
FA	FACH	PERP	
EJ		R	RADIUS
EL	ELEVATION	REF	REFERENCE, REFER TO
ELEV	ELEVATOR	REINF	REINFORCE, REINFORCED,
EMBED	EMBEDMENT		REINFORCING
EOD	EDGE OF DECK	REQD	REQUIRED
EOS	EDGE OF SLAB	REQMTS	REQUIREMENTS
FQ	FQUAL	SCHED	SCHEDULE
		SE	
		SGD	
EXP	EXPANSION	SIM	SIMILAR
EXI	EXTERIOR	SJ	SAWED JOIN I
FD	FLOOR DRAIN	SL	SLOPE
FDN	FOUNDATION	SOG	SLAB-ON-GRADE
FO	FACE OF	SPF	SIDEPLATE FRAME
FF FI	FINISHED FLOOR	STD	STANDARD
	FLEVATION	TRE	TRUSS BEARING ELEVATION
	EINISH		
	FINISHED FLOOR	T&G	
FOB	FACE OF BUILDING	THK	THICKNESS
FOC	FACE OF CONCRETE	TOC	TOP OF CONCRETE
FOM	FACE OF MASONRY	TOF	TOP OF FOOTING
FOS	FACE OF SLAB/ STUD	ТОМ	TOP OF MASONRY
FRMG	FRAMING	TOCP	TOP OF CONCRETE PEDESTAL
FTG	FOOTING	TOS	TOP OF STEEL
FV +		TS	
C^{1}			
GALV			
GEN	GENERAL	UUN	UNLESS OTHERWISE NOTED
GR BM	GRADE BEAM	VERT	VERTICAL
Н	HIGH	W/	WITH
HK	HOOK	WP	WORKING POINT
HORIZ	HORIZONTAL	WSP	WOOD STRUCTURAL PANEL(S)
HSS	HOLLOW STRUCTURAL	WWR	
	SECTION	** **! \	
нт	HEIGHT		
111			

PLAN LEGEND:

(-X'-X")	=	TOP OF FOOTING ELEVATION MEASURED FROM REFERENCED FINISHED FIRST FLOOR ELEVATION = 0'-0"
• • • •	=	TOP OF SLAB ELEVATION MEASURED FROM REFERENCED FINISHED FIRST FLOOR ELEVATION = 0'-0"
	=	CHANGE IN ELEVATION - REF ARCH DWGS FOR DIMENSIONS
↔ SL	=	DIRECTION OF SLOPE
$\langle X \rangle$ or X	=	PLAN KEY NOTE MARK
\mathbf{x}	=	COLUMN GRID MARK
		SECTION/DETAIL NUMBER/LETTER
$\left(\begin{array}{c} \mathbf{X} \\ \mathbf{SX} \end{array}\right)$	=	SECTION/DETAIL MARK
		SHEET NUMBER WHERE SECTION/DETAIL MARK IS DRAWN

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NCDPS RANDALL BUILDING RENOVATION SCO ID NO. 22-25118-014 827-831 W Morgan St, Raleigh, NC 27603
SEALS
LINCHAROL INCLAROL IN
CAROL 1
SEAL 051551 4EL R. BRAND 08/21/2023
SEAL 051551 <i>MGINEER</i> <i>AEL R. BRANDUMBER</i> 2221
SEAL 051551 <i>MGINEER</i> <i>AEL R. BRANDOWNER</i> 2221 REVISIONS
SEAL 051551 MGINEER JAC R. BRAMO 08/21/2023 DKA JOB NUMBER 2221 REVISIONS
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1 3

#4 AT 12" OC W/ STD HOOK.
 DRILL AND EPOXY BAR
 WITH 6" EMBED INTO
 EXISTING STRUCTURE

- #4 AT 12" OC. DRILL AND FPOXY BAR WITH 6"

EPOXY BAR WITH 6" EMBED INTO EXISTING STRUCTURE

— #5 AT 12" OC BOT

EXISTING
 CONCRETE
 STRUCTURE

- L5x3x3/8" (LLV) W/ 8" OF BEARING EA END