Hollis School Board Wednesday, September 4, 2019 Hollis Primary School 6:00 PM All Times are estimates and subject to change without notice

- 6:00 Call to Order
- 6:05 Agenda Adjustments Approve Meeting Minutes Nominations/Resignations/Correspondence
- 6:10 Principal's report
- 6:20 Public Input
- 6:30 Discussion
- Transportation Update
- SAU Barn update
- Update on our Budget building efforts
- Updates on your August leadership retreat
- Discussion relating to a district policy on recycling

7:15 Deliberations

- To see what action the Board will take regarding the policy memo submitted by the policy committee
- 7:25 Non Public under RSA 91-A: 3II (a) Compensation and/or (c) reputation
- 7:30 Motion to adjourn

Hollis School District Administrative Report September 2019

Calendar, Events, Programs

- September 2nd No School Labor Day
- September 5th HPS Open House for Grades prek 3 at 5:30 PM
- September 10th Band Rental Night for Hollis & Brookline Students (Grades 4 6) at CSDA
- September 11th HUES Open House for Grades 4 6 at 5:30 PM

H	HPS	HUES						
Grade	Enrollment	Grade	Enrollment					
PreK	4							
PreK 3	7	4	97 (+1)					
PreK 4	6	5	100 (+2)					
К	68	6	102 (+1)					
1	90							
2	83							
3	86							
Total	Hollis School D	istrict Enroll	ment: 643					

Enrollment for 2019/2020:

Building & Grounds:

The building and grounds have been well taken care of this summer with thanks to our custodial crew for working diligently and systematically to get everything ready for the 2019/2020 school year!

- HUES:
 - Fencing along the playground area has been replaced if needed and some sections have been stained with plans for updating this throughout the year
 - o Tiling of lower level is complete and finishing touches are underway
 - o Curb painting and refreshing of parking lot lines are being completed
 - o Materials are all in with little on backorder and in classrooms ready for use.
- HPS:
 - We are ready for opening day! Painting, deep cleaning, floor waxing, new carpets, and lots of shuffling of furniture is done!
 - Trees were taken down in the playground area for safety.
 - The playground equipment has finally been replaced and is ready to go for our kindergarten students.
 - Mrs. Robinson has vetted and sorted all arrivals of new materials! Thank you for getting our teacher materials to the right rooms and ready to go!

Staffing & Students:

- HUES we have registered 22 new students this year! Our new student orientation was a big success and our new families are now prepared for the school year.
- HUES several teachers have volunteered to come in during the summer to meet and greet students one more time before the school year begins.
- HPS/HUES we welcome Anne Elser to our team! She joins us as our Special Education Administrator for the Hollis School District.
- HPS we had a successful new student orientation, almost all 24 new students showed up! We are excited to have new additions to our community!
- HPS we had a successful summer hosting RTI and ESY at HPS for our students prek 6.
- HPS we are looking forward to Open House on September 5th, that's just around the corner!



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ADJ. ADJUSTABLE ADJ. ADJUSTABLE AFF. ADOVE FINGH FLOOR SUBJECT AUTINUM ALMINUM ALMINUM ALMINUM BOARD BOARD BOARD BOARD BOARD BOARD BULLT-IN BL BULLT-IN CONCECTE CONCECT	Windy Hill Associates Architecture NEW BOSTON, NH 003-487-5252 ITTLE PAGE DRAUN BY: DAE DATE: 8-23-19 DESIGN DEVELOPMENT
PROGRESS NOT FOR CONSTRUCTION	A0-0



GENERAL CONDITIONS

- 1. THE CONTRACTOR SHALL INVESTIGATE EXISTING CONDITIONS PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL COMPARE ALL GRADES, LINES, LEVELS AND DIMENSIONS SHOWN ON THE DRAWINGS WITH ACTUAL SITE CONDITIONS, AND SHALL PROMPTLY REPORT ANY INCONSISTENCIES TO THE ARCHITECT PRIOR TO STARTING WORK.
- 2. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOBSITE SAFETY.
- 3. ALL WORK SHALL BE PERFORMED IN A WORKMAN LIKE MANNER. DEFECTIVE MATERIALS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- 4. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, AND FOR COORDINATING ALL WORK.
- 5. ALL CONSTRUCTION SHALL COMPLY WITH THE INTERNATIONAL BUILDING CODE AND ALL LOCAL ZONING AND BUILDING ORDINANCES.
- 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF: a.EXCAVATIONS
 - **b.ALL MATERIALS AND EQUIPMENT STORED AT THE** SITE
 - C.EXISTING UTILITIES dexisting landscaping and plant materials TO REMAIN
- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY FACILITIES INCLUDING: A. TEMPORARY ELECTRICITY
- b.TELEPHONE, FAX, COPIER, AND E-MAIL, IF REQUIRED
- C.TEMPORARY HEAT
- d.PORTABLE TOILET
- 8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SITE ACCESS INCLUDING SNOW REMOVAL
- 9. THE CONTRACTOR SHALL MAKE HIS BEST EFFORT TO MINIMIZE CONSTRUCTION WASTE BY PROCURING MATERIALS OF APPROPRIATE QUANTITY AND DIMENSIONS FOR THE PROJECT.
- 10. THE CONTRACTOR SHALL PROVIDE BING FOR WOOD METAL, PLASTIC, AND CARDBOARD RECYCLABLES, AND DELIVER THEM TO THE APPROPRIATE RECYCLERS, UNRECYCLABLE WASTE SHALL BE KEPT TO A MINIMUM, AND DISPOSED OF IN A SEPARATE BIN. ALTERNATELY THE CONTRACTOR SHAL DELIVER WASTE TO A RECYCLING FACILITY FOR SEPARATION AND RECYCLING. MINIMUM RECYCLED TO BE 15% OF ALL WASTE
- 11. SUBSTITUTIONS OF MATERIALS OR PRODUCTS LISTED ON THE DRAWINGS OR IN THE SPECIFICATIONS SHALL NOT BE MADE WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT OR OWNER.
- 12. ANY ADDITION, DELETION OR REVISION IN THE DRAWINGS OR SCOPE OF WORK SHALL BE BY WRITTEN CHANGE ORDER ONLY. ANY APPROVAL FROM THE BUILDING OFFICIAL FOR A CHANGE IN THE WORK SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- 13. THE SITE SHALL BE MAINTAINED IN A NEAT AN ORDERLY CONDITION AT ALL TIMES. THE FINISHED PROJECT SHALL BE PROFESSIONALLY CLEANED AFTER COMPLETION OF THE PUNCH LIGT.

SITE

- ELECTRICAL, CABLE AND FIBER OPTIC SERVICE TO BE CONTINUED UNDERGROUND TO NEW ENTRANCE AS SHOWN ON PLANS.
- 2. SEPTIC TO BE INSTALLED AS SHOWN ON PLANS. 3. REMOVE MINIMUM NUMBER OF TREES AS REQUIRED OR AS SHOWN ON SITE PLAN. PROTECT TREES AND OTHER PLANTS TO REMAIN INCLUDING STEMS FROM SCARRING AND ROOT SYSTEMS FROM COMPACTION DUE TO HEAVY EQUIPMENT.
- 4. PROVIDE ALL EXCAVATION AND BACKFILL TO COMPLETE THE WORK AND MEET THE GRADES AS SHOWN ON THE DRAWINGS. EXCESS CUT (IF ANY, SHALL REMAIN ON SITE AT LOCATION DETERMINED BY OWNER. GRADE AND STOCK-PILE EXCAVATION MATERIALS FOR RE-USE ON SITE.
- 12. REPORT TO ARCHITECT ANY ADVERSE SOIL CONDITIONS OR THE PRESENCE OF SUBSURFACE WATER IN ANY EXCAVATIONS.
- 13. SUB-SURFACE FILL SHALL BE SANDY GRAVELY MIX MAX 4" DIA STONES AS APPROPRIATE, FREE OF EXPANSIVE CLAY, ROOTS, ORGANIC AND TOXIC MATERIALS, USE ALL STOCKPILED AND OTHER MATERIAL AVAILABLE ON SITE BEFORE IMPORTING.
- 14. TOPSOIL SHALL BE MINIMUM 6" LOAM RAKED TO FINISH GRADE, USE ALL STOCKPILED MATERIAL BEFORE IMPORTING.
- 15. PLANT AND SEED AS SHOWN ON PLANS OR AS DIRECTED BY OWNER.

- 17. DRIVEWAY CONFIGURATION TO REMAIN.
- CONCRETE

1. SEE STRUCTURAL

ROUGH CARPENTRY 1. SEE STRUCTURAL

FINISH CARPENTRY

- 5. EXTERIOR SIDING SHALL BE FIBER CEMENT
- 1. ALL CLOSETS SHALL BE EQUIPPED WITH WOOD CUSHIONS.
- THERMAL AND MOISTURE
- DRAWINGS.
- AT DENSITY OF 3.5 LBS PER CU. FT.
- AT DENSITY OF 2.1 LBS PER CU FT.
- APPROVED EQUAL.
- BEEN PROPERLY SEALED.
- HOUR @ 50 PA. JOINTS.
- SHIELD OR EQUAL

MECHANICAL

- R-VALUE ASSUMPTIONS. 2. SEE MECHANICAL PLANS

PLUMBING

- FLOW,
- TANK.

ELECTRICAL

1. SEE ELECTRICAL PLANS

16. PROVIDE 4" DIA PERFORATED PVC FOUNDATION DRAIN IN CRUGHED STONE BED WRAPPED WITH FILTER FABRIC AROUND ENTIRE FOUNDATION, RUN PIPE DOWN-HILL TO DAYLIGHT OUTFALL.

1. PAINT GRADE INTERIOR TRIM AND MOLDINGS TO BE POPLAR UNLESS OTHERWISE NOTED.

2. ALL JOINTS TO BE TIGHT AND TRUE AND SECURELY FASTENED. CORNERS SHALL BE NEATLY MITERED. BUTTED OR COPE-CUT WITH NAILS SET AND SURFACES FREE OF TOOL MARKS

3. ALL WORK SHALL BE MACHINE AND/OR HAND SANDED AND FREE OF PLANER, SANDER OR OTHER MACHINE MARKS. ALL SHARP EDGES AND SPLINTERS SHALL BE REMOVED AND ALL SURFACES COMPLETELY PREPARED FOR FINISH.

4. ALL DOORS SHALL BE ACCURATELY FIT WITH NOT MORE THAN 1/8" CLEARANCE AT TOP RAIL AND STILES. BOTTOM CLEARANCE TO BE ADJUSTED FOR FINISH FLOOR COVERING. ALL DOORS SHALL OPERATE FREELY BUT NOT LOOGELY WITHOUT STICKING OR BINDING OR HINGE BOUND CONDITION.

PATTERN AS INDICATED ON DRAWINGS. FOLLOW ALL MANUFACTURER'S INSTALLATION INSTRUCTIONS. 6. EXTERIOR TRIM SHALL BE CELLULAR PVC SUCH AS

AZEK OR EQUAL OR AS SPECIFIED ON DRAWINGS. NAILED PER MANUFACTURER'S INSTRUCTIONS. COUNTERSINK AND FILL ALL FASTENERS. PAINT ALL TRIM COLOR AS SELECTED BY OWNER.

RODS AND SHELVES ON METAL BRACKETS AS APPROPRIATE FOR CLOSET USE, OR AS INDICATED ON DRAWINGS. ADJUSTABLE SHELVES TO BE SUPPORTED ON BRASS SHELF CLIPS WITH RUBBER

PROVIDE THERMAL ENVELOPE TO ENERGY STAR STANDARD AS MINIMUM REQUIREMENT. 2. INSULATION SHALL BE AS CALLED FOR ON THE

a.DENSE-PACK CELLULOSE INSULATION SHALL BE

b.DENSE-PACK FIBERGLASS INSULATION SHALL BE

C.SPRAY FOAM INSULATION SHALL BE CLOSED CELL URETHANE WITH LOW GLOBAL WARMING POTENTIAL SUCH AS LAPOLLA FOAM LOK 2000 4K OR

d.LOOSE FILL CELLULOSE ATTIC INSULATION TO BE INSTALLED TO A LEVEL DEPTH AS INDICATED ON DRAWINGS AFTER ALL ATTIC PENETRATIONS HAVE

ERIGID INSULATION SHALL BE AS CALLED FOR ON PLANS. EXPOSED EXTERIOR INSULATION ABOVE GRADE SHALL BE COVERED WITH FIBER CEMENT BOARD AS INDICATED ON DRAWINGS.

3. BUILDING AS A WHOLE SHALL BE TESTED WITH A BLOWER DOOR AND AIR LEAKS SEALED TO MAXIMUM INFILTRATION RATE OF 2 AIR CHANGES PER

4. HOUSE-WRAP TO BE CONTINUOUS SPUN OLEFIN MEMBRANE WITH COMPATIBLE TAPE OVER ALL

5. ROOFING TO BE AS SHOWN ON PLANS. AREAS WITHIN 6' OF EAVES AND 4' OF VALLEYS TO BE LINED WITH SELF-ADHESIVE MEMBRANE, GRACE ICE AND WATER

MECHANICAL EQUIPMENT TO BE DESIGNED USING MANUAL HEAT LOSS/HEAT GAIN FORMULAE USING ACTUAL DESIGN INSULATION VALUES FOR WALLS, CEILINGS, ROOFS, WINDOWS AND DOORS. DO NOT OVERSIZE EQUIPMENT BASED ON CODE OR LOWER

ALL SUPPLY LINES TO BE 1/2" PEX OR EQUAL

2. ALL DRAINS AND VENTS TO BE PVC UNLESS OTHERWISE SPECIFIED ON DRAWINGS. 3. ALL SHOWER HEADS TO BE MAX 2.0 GPM RATED

4. ALL TOILETS TO BE DUAL FLUSH, MAX 1.5 GALLON

SPECIFICATIONS



PROGRESS





UNEXCIVATED BASEMENT PLAN 1/8"=1'-Ø"









				WINDOW SCHEDUL	.E		
NUMBER	TYPE	FRAME SIZE	OPERATION	MANUFACTURER	GLAZING	TEMPERED	COMMENTS
ØØI	A	2'-8"×4'-Ø"	TILT-TURN	LOGIC	172/CLEAR/172 ARGON		
ØØ2	A	2'-8"×4'-Ø"	TILT-TURN	LOGIC	172/CLEAR/172 ARGON		
101	в	2'-4"x3'-9"	TILT-TURN	LOGIC	172/CLEAR/172 ARGON		
1Ø2	C	3'-Ø"x1'-1Ø"	HOPPER	LOGIC	172/CLEAR/172 ARGON		
1Ø3	D	2'-Ø"×1'-1Ø"	HOPPER	LOGIC	172/CLEAR/172 ARGON		
104	D	2'-Ø"×1'-1Ø"	HOPPER	LOGIC	172/CLEAR/172 ARGON		
105	D	2'-Ø"x1'-1Ø"	HOPPER	LOGIC	172/CLEAR/172 ARGON		
106	D	2'-Ø"×1'-1Ø"	HOPPER	LOGIC	172/CLEAR/172 ARGON		
IØT	B	2'-4"x3'-9"	TILT-TURN	LOGIC	172/CLEAR/172 ARGON		
108	ß	2'-4"x3'-9"	TILT-TURN	LOGIC	172/CLEAR/172 ARGON		
109	ß	2'-4"x3'-9"	TILT-TURN	LOGIC	172/CLEAR/172 ARGON		
110	C	3'-Ø"x1'-1Ø"	HOPPER	LOGIC	172/CLEAR/172 ARGON	×	
111	C	3'-Ø"x1'-1Ø"	HOPPER	LOGIC	172/CLEAR/172 ARGON	×	
112	E	5'-Ø"x2'-6"	FIXED	LOGIC	172/CLEAR/172 ARGON		
113	E	5'-Ø"x2'-6"	FIXED	LOGIC	172/CLEAR/172 ARGON		
2Ø1	в	2'-4"x3'-9"	TILT-TURN	LOGIC	172/CLEAR/172 ARGON		
2Ø2	С	3'-Ø"x1'-1Ø"	HOPPER	LOGIC	172/CLEAR/172 ARGON		
2Ø3	D	2'-Ø"×1'-1Ø"	HOPPER	LOGIC	172/CLEAR/172 ARGON		
2Ø4	D	2'-Ø"×1'-1Ø"	HOPPER	LOGIC	172/CLEAR/172 ARGON		
2Ø5	D	2'-Ø"×1'-1Ø"	HOPPER	LOGIC	172/CLEAR/172 ARGON		
206	D	2'-Ø"x1'-1Ø"	HOPPER	LOGIC	172/CLEAR/172 ARGON		
207	B	2'-4"x3'-9"	TILT-TURN	LOGIC	172/CLEAR/172 ARGON		
2Ø8	в	2'-4"x3'-9"	TILT-TURN	LOGIC	172/CLEAR/172 ARGON		
209	G	PR 2'-4"x3'-9"	TILT-TURN	LOGIC	172/CLEAR/172 ARGON		
21Ø	в	2'-4"x3'-9"	TILT-TURN	LOGIC	172/CLEAR/172 ARGON		
211	в	2'-4"x3'-9"	TILT-TURN	LOGIC	172/CLEAR/172 ARGON		
212	C	3'-Ø"x1'-1Ø"	HOPPER	LOGIC	172/CLEAR/172 ARGON		
213	С	3'-Ø"x1'-1Ø"	HOPPER	LOGIC	172/CLEAR/172 ARGON		
214	F	PR 6'-0"x1'-4"	FIXED	LOGIC	172/CLEAR/172 ARGON		
215	F	PR 6'-0"x1'-4"	FIXED	LOGIC	172/CLEAR/172 ARGON		

			DOORS			-
NUMBER	TYPE	SIZE	FRAME	FIRE RATING	HARDWARE	COMMENTS
001	А	3'-Ø"xT'-Ø"	H.M. K.D	1-HOUR	AF	
ØØ2	А	3'-Ø"xT'-Ø"	H.M. K.D	1-HOUR	EF	
<i>0</i> 03	А	3'-Ø"×7'-Ø"	H.M. K.D	1-HOUR	EF	
101	А	3'-Ø"xT'-Ø"	H.M. K.D		CFG	
102	А	3'-Ø"xT'-Ø"	H.M. K.D	1 1/2-HOUR	AF	
103	A	3'-Ø"xT'-Ø"	H.M. K.D	1 1/2-HOUR	EF	
104	А	3'-Ø"xT'-Ø"	H.M. K.D	1 1/2-HOUR	DF	
105	А	3'-Ø"xT'-Ø"	H.M. K.D	1 1/2-HOUR	BF	
106	А	3'-Ø"xT'-Ø"	H.M. K.D	1 1/2-HOUR	EF	
107	А	3'-Ø"xT'-Ø"	H.M. K.D	1 1/2-HOUR	BF	
108	А	3'-Ø"×T'-Ø"	H.M. K.D	1 1/2-HOUR	CFG	
2Ø1	А	3'-Ø"x1'-Ø"	H.M. K.D	1 1/2-HOUR	AF	
2Ø2	А	3'-Ø"xT'-Ø"	H.M. K.D	1 1/2-HOUR	EF	
2Ø3	A	3'-Ø"x7'-Ø"	H.M. K.D	1 1/2-HOUR	DF	
2Ø4	A	3'-Ø"x1'-Ø"	H.M. K.D	1 1/2-HOUR	BF	
2Ø5	A	3'-Ø"x1'-Ø"	H.M. K.D	1 1/2-HOUR	BF	
206	A	3'-Ø"x1'-Ø"	H.M. K.D	1 1/2-HOUR	BF	
2Ø7	A	3'-Ø"x1'-Ø"	H.M. K.D	1 1/2-HOUR	EF	
208	A	3'-Ø"xT'-Ø"	H.M. K.D	1 1/2-HOUR	BF	

HAF	NDWARE SCHE
А	PASSAGE
в	KEYED OFFI
С	KEYED ENTI
D	PRIVACY
E	KEYED STO
F	SELF-CLOSI
G	EXTERIOR U
	AND THRES

NOTES: • ALL HARDWARE TO BE ADA COMPLIANT. • ALL HARDWARE TO BE OPERABLE FROM INSIDE SPACES WITHOUT USE OF KEY. ALL HARDWARE TO BE ANSI GRADE 1.
ALL DOORS TO BE 1 3/4" SOLID CORE BIRCH SLAB DOORS. • BACK-SETS TO BE 2-3/4"

HEDULE:

FICE LOCK

TRY LOCK

OREROOM LOCK SING: Weather Strip

3HOLD.

BEARING BUTT HINGES W/ RADIUS

ROOM FINISH SCHEDULE
 WALLS

 NUMBER FLOOR
 BASE
 NORTH
 EAST
 SOUTH
 WEST
 CEILING

 ØØI
 A
 D
 E
 E
 E
 E
 002 A 003 A E E E E E E | E | E | E *0*04 BH E E E E E E F E E 1Ø2 B 1Ø3 C 104 C 105 B F E E F E G G G G E 106 BH 107 B E E E E E E E E E E 2Ø1 C 2Ø2 B 2Ø3 C 2Ø4 C E E F F E E E F E 2*0*5 C 2*0*6 B F E E F E G G G G E 207 C 2Ø8 BH E E E E E 209 B E E E E

		BARN to Office CONVERSION FOR SAU 41 7 LUND LN, HOLLIS, NH
COMMENTS COMMENTS RUBBER STAIR TREADS AND RISERS WOOD GIRTS EXPOSED WOOD GIRTS EXPOSED WOOD GIRTS EXPOSED RUBBER STAIR TREADS AND RISERS RUBBER STAIR TREADS AND RISERS	ROOM FINISHES KEY: A SEALED CONCRETE B VCT 12"x12" C CARPTE - LEVEL LOOP COMMERCIAL GRADE D RUBBER COVE BASE E GWB. SMOOTH FINISH PAINTED PRIME PLUS 2 F VERTICAL PINE STAINED G TILE WAINSCOTT, GWB. ABOVE PAINTED H RUBBER STAIR TREADS AND RISERS I OPEN TO ROOF DECK - STAINED PINE J OPEN TO FLOOR DECK ABOVE	Windy Hill Associates Architecture NEW BOSTON, NH 603-487-5252
		SCHEDULES DRAWN BY: DAE DATE: 8-23-19 DESIGN DEVELOPMENT
PROGRES	S Construction	C 2019 WINDY HILL ASSOCIATES ALL RIGHTS RESERVED

Phases:

- Post bottom repairs by qualified Timber framer must be completed at D1, and Posts A1-A5 prior to Rigging and excavation. - Excavate and remove organic soils at cribbing locations, and provide firm base at approximate bottom of footing level in those locations. Adjust elevation if undermining of existing footings and foundation become a concern. -Excavate walls to allow needles to extend past foundation as

necessary -Install cribbing and needles at locations shown. Cribbing locations shown in dashed lines are optional but will require larger steel needles. Alternate rigging plans must be submitted for review. -Remove 1st floor decking and joists and girts.

with existing girders. -Raise posts, remove tenon on post bottom, install 1-1/2" x 8" x 24" hardwood sliding block under post so that block bears on both existing girder and new lvl girder and then lower posts.

-Slide posts from existing to new girder.

allow concrete forms to be filled -After excavation and foundation is complete, move structure North 1' and back toward the east approximately 8" and then lower approx 1'onto new foundation and posts.

Construction and Design Services

www.dodgco.com

Consultant Address Address Phone Fax e-mail

Consultant Address Address Phone Fax e-mail

A

В

 (\mathbf{C})

 $\left(\mathsf{D} \right)$

Post Below

Post Above

Post Above and Below

Post Continuous Above and Below

Serviceable timber

Non-Serviceable timber

Consultant Address Address Phone Fax

e-mail

Consultant Address Address Phone Fax e-mail

Consultant Address Address Phone Fax e-mail

Date Description No.

Hollis SAU Office

8 Lund Lane Hollis NH **Rigging Plan**

S101b

Project number Date

Drawn by

Scale

Checked by

FW-03 4-13-18 Author Checker

Serviceable timber Non-Serviceable timber

New PT SYP dimensional lumber

New EWP timber

www.dodgco.com

Consultant Address Address Phone Fax e-mail

Description Date No.

Hollis SAU Office

8 Lund Lane Hollis NH 1st Floor Framing Plan

S102

Project number Date Drawn by Checked by

Scale

FW-03 4-13-18 Author Checker

Consultant Address Address Phone Fax e-mail

Consultant Address Address Phone Fax e-mail

Consultant Address Address Phone Fax

e-mail

Consultant Address Address Phone Fax e-mail

Consultant Address Address Phone Fax e-mail

Description Date No.

Hollis SAU Office

8 Lund Lane Hollis NH

2nd Floor framing plan Project number

S103

Date

Scale

Drawn by

Checked by

4-13-18 Author Checker

FW-03

_							
		Round 7" - 8" Ø continuous rafter					ğ ər
			ayatem	— 1x10 ridge board		system	
	Flying plate		n plate carrying			n plate carrying	
Bearing SI	/×/		Canted puri			Canted puri	
				te w 2@ yp (34)	Connect rafter to canted pla 3/8"x8" GRK RSS screws. 1		
<u> </u>							
)	A		B			C	

Consultant Address Address Phone Fax e-mail

No.

____ Bearing SIP panel wall below

Description

Date

Consultant Address Address Phone Fax e-mail

Description Date No.

Hollis SAU Office

8 Lund Lane Hollis NH

Bent 1

Project number

Date

Scale

Drawn by

Checked by

FW-03 4-13-18 Author Checker S105

Consultant Address Address Phone Fax e-mail

Description Date No.

Hollis SAU Office

8 Lund Lane Hollis NH

Bent 2

S106

Project number

Date

Scale

Drawn by

Checked by

FW-03 4-13-18 Author Checker

Consultant Address Address Phone Fax e-mail

Consultant Address Address Phone Fax e-mail

Consultant Address Address Phone Fax

e-mail

Consultant Address Address Phone Fax e-mail

Consultant Address Address Phone Fax e-mail

Date Description No.

Hollis SAU Office

8 Lund Lane Hollis NH

Bent 3

S107

Project number

Date

Scale

Drawn by

Checked by

FW-03 4-13-18 Author Checker

Consultant Address Address Phone Fax e-mail

Date Description No.

Hollis SAU Office

8 Lund Lane Hollis NH

Bent 4

S108

Project number

Date

Scale

Drawn by

Checked by

FW-03 4-13-18 Author Checker

Consultant Address Address Phone Fax e-mail

Description Date No.

Hollis SAU Office

8 Lund Lane Hollis NH

Bent 5

S109

Project number

Date

Scale

Drawn by

Checked by

FW-03 4-13-18 Author Checker

Consultant Address Address Phone Fax e-mail

Description Date No.

Hollis SAU Office

8 Lund Lane Hollis NH Purlin Plate

S110

Project number

Date

Scale

Drawn by

Checked by

FW-03 4-13-18 Author Checker

Consultant Address Address Phone Fax e-mail

Description Date No.

Hollis SAU Office

8 Lund Lane Hollis NH South wall framing

Project number

Date

Scale

Drawn by

Checked by

S111

Checker 3/8" = 1'-0"

FW-03 4-13-18

Author

Consultant Address Address Phone Fax e-mail

Date Description No.

Hollis SAU Office

8 Lund Lane Hollis NH

Existing -1st Floor ect number framing FW Project number FW-03

Date Drawn by

Scale

Checked by

4-13-18 Checker

S122

3/8" = 1'-0"

GD

Consultant Address Address Phone Fax e-mail

Description Date No.

Hollis SAU Office

8 Lund Lane Hollis NH

Existing - 2nd Floor Project number Framing Plan FW-03 4-13-18 Date

Drawn by

Scale

Checked by

S123

3/8" = 1'-0"

Author

Checker

- **C**

A

—(**B**)

Post Above and Below

Post Continuous Above and Below

Serviceable timber

Non-Serviceable timber

Consultant Address Address Phone Fax e-mail

B

Consultant Address Address Phone Fax e-mail

Description Date No.

Hollis SAU Office

8 Lund Lane Hollis NH

Existing - 3rd Floor Project number Framing FW-03

Date Drawn by

Scale

Checked by

4-13-18 Author Checker S124

Consultant Address Address Phone Fax e-mail

Description Date No.

Hollis SAU Office

8 Lund Lane Hollis NH

Existing - Bent 1

Project number

Date

Scale

Drawn by

Checked by

FW-03 4-13-18 Author Checker S125

Serviceable timber

Non-Serviceable timber

www.dodgco.com

Consultant Address Address Phone Fax e-mail

Description Date No.

Hollis SAU Office

8 Lund Lane Hollis NH

Existing - Bent 2

S126

Project number Checked by

Date

Scale

Drawn by

FW-03 4-13-18 Author Checker

Consultant Address Address Phone Fax e-mail

Description Date No.

Hollis SAU Office

8 Lund Lane Hollis NH

Existing - Bent 3

S127

Project number

Date

Scale

Drawn by

Checked by

FW-03 4-13-18 Author Checker

Serviceable timber

Non-Serviceable timber

www.dodgco.com

Consultant Address Address Phone Fax e-mail

Description Date No.

Hollis SAU Office

8 Lund Lane Hollis NH

Existing - Bent 4

S128

Project number Drawn by Checked by

Date

Scale

FW-03 4-13-18 Author Checker

Serviceable timber

Non-Serviceable timber

Dodgco Construction and Design Services

www.dodgco.com

Consultant Address Address Phone Fax e-mail

Description Date No.

Hollis SAU Office

8 Lund Lane Hollis NH

Existing - Bent 5

S129

Project number Drawn by Checked by

Date

Scale

FW-03 4-13-18 Author Checker

THE PROJECT MANAGER FOR THIS PROJECT IS NOTED BELOW: PLEASE REFER ALL QUESTIONS, SUBMITTALS AND CORRESPONDENCE TO THE PROJECT MANAGER. HVAC PROJECT MANAGER: IRIS WAITT EMAIL: IRISW@DESIGNDAYMECH.COM PHONE: (603) 801–2221 ADDRESS: 206 UNION ST. MILFORD, NH 03055

HOLLIS SAU BARN 4 LUND LN. HOLLIS, NH

FOR:

WINDY HILL ASSOCIATES NEW BOSTON, NH

BASEMENT, FIRST, AND SECOND FLOOR HVAC PLAN

DESIGNED BY: DRAWN BY: CHECKED BY: DDM JOB #: SCALE:

IW TBS AWA 1911O AS NOTED

DATE: 08/16/2019

Hollis SALL Para Hollis NUL				D-	r 2015 184	C Chartar			2012												DECIOTES								
				Ре		C Chapter			-2013												KEGISTER	K GRILLE L	JIFFUSEF		E (KGD)				
Ventilation Calculations & Airflows																	MARK	MAKE	MODEL	DAMPER			1		FRAME STYLE			DESCRIPTION	NOTES
												<u> </u>					RGD-S-	PRICE	520D	YES		E DEFLECTIO		SEE DWGS	AS NEEDED	STE		SUPPLY	1
					Requirem	ents					Supp	ly					RGD-S-2		SMD	NO				SEE DWGS	AS NEEDED	SIE	<u>=L</u>		
	Occupancy	Rp	Pz	Rp*P	z Ra	Az	Ra*Az	Vbz		Voz	Vpz	Exhaust					RGD-S-3		SDG 520LD	NU						SIE			
Room Name	Classification	cfm/p	# Occ	cfm	cfm/sf	F Ft2	cfm	cfm	Ez	cfm	cfm	cfm	Notes				RGD-E-		SDCP	NO						SIE		EXHAUST	
South Basement File Storage	Storage Rooms				0.12	913	110	110	1.0	110	125	150					NOTES:		3001		JE INA				AS NEEDED		<u>-</u>	EXHAUST	
North Basement File Storage	Storage Rooms				0.12	206	25	25	1.0	25	25						1. RGD MC		ERS ARE TO	BE USED FO	R TRIM ONLY. I	PRIMARY VOL	.UME DAMPE	RS ARE TO BE	INSTALLED IN		∟ \$_		<u>.</u>
Basement Corridor	Corridor				0.06	67	4	4	1.0	4	25						2. PROVID	E AIR SCOOP	FOR BALANC	ING							<u> </u>		
Office Carol	Office	5.0	2	10	0.06	134	8	18	1.0	18	25																		
First Floor West Toilet	Toilet room -public					58						100																	
Conference Room	Conference Room	5.0	34	170	0.06	783	47	217	1.0	217	225	150								ELECTI	RIC DUCT H	IEATER SO	CHEDULE	E (EDH)					
Office Rich	Office	5.0	1	5	0.06	120	7	12	1.0	12	25				MARK	SERVE	S MAKE	M	ODEL	COLLAR DI	AMETER (IN.)	CFM	EAT	LAT	KW V	OLT/PH	AMPS	CONTROL	NOTES
Chair Storage	Storage Rooms				0.12	72	9	9	1.0	9	50				EDH-1	ERV-1	THERMOL	EC TER-	10-5-240		10"	500	41.2	72.8	5.0	240/1	20.8	SCR	1
	ERV-1 Total		37	185		2353	209	394	1.0	394	500	400		E	EDH-2	ERV-2	THERMOL	EC TER	-6-2-240		6"	175	38.5	74.6	2.0	240/1	8.3	SCR	1
											Req O	A		N	IOTES:														
											500			1. F	PROVIDE	AIRFLOW	SENSOR, DISCO	DNNECT, DUC	TEMP. SENS	SOR									
Office Amy	Office	5.0	1	5	0.06	184	11	16	1.0	16	25																		
Copy/Files	Copy, printing rooms	5.0	1	5	0.12	102	12	17	1.0	17	25										LOUVER S	SCHEDULE	E (L)						
Office Kathy	Office	5.0	1	5	0.06	116	7	12	1.0	12	25			MARK	N	MAKE	MODEL	SIZE (IN.)	FREE AREA	CFM		APD (IN WC)	FRAME	BLADES	PURPOSE		- FINIS	SH SCREEN	NOTES
Office Gina	Office	5.0	1	5	0.06	197	12	17	1.0	17	25				CPE			VV X □ 12"v30"	1.04	500	(1 F M)	<0.03							
Collaboration Area	Lobby	5.0	5	25	0.06	334	20	45	1.0	45	50				GRE	FNHECK	ESD-435	12"x30"	1.04	400	385	<0.03	NON-FLGE	DRAINABLE	E FXHAUST			BIRD	
Office Anne	Office	5.0	1	5	0.06	132	8	13	1.0	13	25			L-3	GRE	ENHECK	ESD-435	24"X12"	0.3	175	583	0.053	NON-FLGE	D DRAINABLE		ALUMINUN	л MIL'	BIRD	1
Toilet	Toilet room -public					58						100		L-4	GRE	ENHECK	ESD-435	24"X12"	0.3	125	417	<0.03	NON-FLGE	DRAINABLE	E EXHAUST	ALUMINUN	/ MIL	BIRD	1
Empty	Storage Rooms				0.12	50	6	6	0.5	12		25		NOTES	•														
	ERV-2 Total		10	50		1173	76	126	1.0	132	175	125		1. TRIANC	GULAR G	RILLE													
											Req O	A																	
											175																		
																			VR			BOX SCHE							
		Wh	nole Bui	Iding Pro	essure									MAR	K I	SYSTEM #	MAKE	MODE		IBER OF	FROM OU	TDOOR UNIT	(IN)	TO INDOOR	UNITS (IN)	VOLT/PH	MCA	MOCP	NOTES
		0^	F۸	cfm	Positivo																IQUID GAS	DISCHARGE	GAS	LIQUID	GAS				
		cfm	cfm		rusitive									VRF-FS	SB-1-1	1	TOSHIBA	RBM-Y0611	F6PUL	6									
		675	525		150									VRF-FS	B-1-2	1	TOSHIBA	RBM-Y0611	F6PUL	6									
															ES:														

Hollis SAU E	Barn, Hollis, N	IH		
Design Con	ditions			
ASHRAE We	eather Statio	n - Manchest	er Regional, Manchester,	NH
Climate Zor	ne 5A			
AHU Desig	n Conditions	1	1	
Season	Value	Units	Description	Source
Winter	-17.3	°F	OA Temp	ASHRAE 50 Year Extreme Design Conditions
Winter	70.0	°F	Indoor Temp	2009 IECC Section 302.1
Summer	91.1	°F	OA Dry-Bulb Temp	2013 ASHRAE Fundamentals, Chap 14, Cooling 0.4%
Summer	71.9	°F	OA Wet-Bulb Temp	2013 ASHRAE Fundamentals, Chap 14, Cooling 0.4%
Summer	75.0	°F	Indoor Temp	2009 IECC Section 302.1

M
VRF
VRF-I
VRF-
OTES

ELECTRIC RADIANT CEILING PANEL SCHEDULE (ERCP)

MARK	SERVES	MAKE	MODEL	WATTS	VOLT/PH	AMPS	PANEL SIZE	NOTES
ERCP-1	FIRST FLOOR TOILET	QMARK	CP378F	375.0	208/1	1.8	24X24	1
ERCP-2	SECOND FLOOR TOILET	QMARK	CP378F	375.0	208/1	1.8	24X24	1
NOTES:								
1. LINE VOL	TAGE WALL THERMOSTAT							

ELECTRIC WALL HEATER SCHEDULE (EWH)											
MARK	SERVES	MAKE	MODEL	KW	VOLT/PH	AMPS	STYLE	NOTES			
EWH-1	BARN STAIR	QMARK	AWH4408F	4.0/2.0	208/1	19.2/9.6	SURFACE	1			
NOTES:											
	TUEDMOOTAT										

1. INTEGRAL THERMOSTAT

	REGISTER GRILLE DIFFUSER SCHEDULE (RGD)								
MARK	MAKE	MODEL	DAMPER	PATTERN	NECK SIZE	FRAME STYLE	MATERIAL	DESCRIPTION	NOTES
RGD-S-1	PRICE	520D	YES	DOUBLE DEFLECTION	SEE DWGS	AS NEEDED	STEEL	SUPPLY	1
RGD-S-2	PRICE	SMD	NO	LOUVERED FACE DIRECTIONAL	SEE DWGS	AS NEEDED	STEEL	SUPPLY	
RGD-S-3	PRICE	SDG	NO	SPIRAL DUCT GRILLE	SEE DWGS	AS NEEDED	STEEL	SUPPLY	2
RGD-E-1	PRICE	530LD	YES	45° SINGLE DEFLECTION	SEE DWGS	AS NEEDED	STEEL	EXHAUST	1
RGD-E-2	PRICE	SDGR	NO	SPIRAL DUCT GRILLE	SEE DWGS	AS NEEDED	STEEL	EXHAUST	
NOTES:									
1. RGD MOUN	ITED DAMPE	RS ARE TO E	BE USED FOR	TRIM ONLY. PRIMARY VOLUME DAI	MPERS ARE TO B	E INSTALLED IN TH	HE DUCTS.		

	ELECTRIC DUCT HEATER SCHEDULE (EDH)											
MARK	SERVES	MAKE	MODEL	COLLAR DIAMETER (IN.)	CFM	EAT	LAT	KW	VOLT/PH	AMPS	CONTROL	NOTES
EDH-1	ERV-1	THERMOLEC	TER-10-5-240	10"	500	41.2	72.8	5.0	240/1	20.8	SCR	1
EDH-2	ERV-2	THERMOLEC	TER-6-2-240	6"	175	38.5	74.6	2.0	240/1	8.3	SCR	1
NOTES:												

VRF INDOOR UNIT SCHEDULE (VRF-IN)

					JOOR UNIT 3		VRF-IIN)						
ARK	SYSTEM #	SERVES	MAKE	MODEL	TOTAL/SENS COOLING (MBH)	HEATING (MBH)	HIGH/LOW (CFM)	MAX ESP (IN) (IN W.C.) VAPOR-LIQ UID	VOLT/PH	MCA	МОСР	STYLE	NOTES
IN-1-1	1	BASEMENT FILE STORAGE - NORTH	TOSHIBA	MMK-AP0073H2UL	6.8 / 5.3	4.3	230 - 340	3/8 - 1/4	208/1	0.3	15	HIGH WALL	
IN-1-2	1	BASEMENT FILE STORAGE - SOUTH	TOSHIBA	MMK-AP0093H2UL	8.7 / 6.2	5.3	230 - 350	3/8 - 1/4	208/1	0.3	15	HIGH WALL	1
IN-1-3	1	CAROL OFFICE	TOSHIBA	MMK-AP0073H2UL	6.8 / 5.3	4.3	230 - 340	3/8 - 1/4	208/1	0.3	15	HIGH WALL	1
IN-1-4	1	CONFERENCE ROOM - WEST	TOSHIBA	MMK-AP0183H2UL	16.4 / 10.6	10.1	320 - 490	1/2 - 1/4	208/1	0.5	15	HIGH WALL	1
IN-1-5	1	CONFERENCE ROOM - EAST	TOSHIBA	MMK-AP0183H2UL	16.4 / 10.6	10.1	320 - 490	1/2 - 1/4	208/1	0.5	15	HIGH WALL	
IN-1-6	1	RICH OFICE	TOSHIBA	MMK-AP0073H2UL	6.8 / 5.3	4.3	230 - 340	3/8 - 1/4	208/1	0.3	15	HIGH WALL	
IN-1-7	1	ANNE OFFICE	TOSHIBA	MMK-AP0073H2UL	6.8 / 5.3	4.3	230 - 340	3/8 - 1/4	208/1	0.3	15	HIGH WALL	
IN-1-8	1	GINA OFFICE	TOSHIBA	MMK-AP0073H2UL	6.8 / 5.3	4.3	230 - 340	3/8 - 1/4	208/1	0.3	15	HIGH WALL	
IN-1-9	1	AMY OFFICE	TOSHIBA	MMK-AP0073H2UL	6.8 / 5.3	4.3	230 - 340	3/8 - 1/4	208/1	0.3	15	HIGH WALL	
N- 1-10	1	KATHY OFFICE	TOSHIBA	MMK-AP0073H2UL	6.8 / 5.3	4.3	230 - 340	3/8 - 1/4	208/1	0.3	15	HIGH WALL	
IN-1-11	1	COLLABORATION AREA	TOSHIBA	MMK-AP0123H2UL	11.0 / 7.6	6.8	230 - 350	3/8 - 1/4	208/1	0.3	15	HIGH WALL	

VFR OUTDOOR UNIT SCHEDULE (VRF-OUT)

									(• /						
				COOLING		HEATING		REFRIGERANT PIPING			ELECTRICAL					
MARK	SYSTEM #	MAKE	MODEL	TONS	TOTAL MBH	IEER	MBH	COP	REFRIG	LIQUID LINE	SUCTION LINE	DISCHARGE LINE	VOLT/PH	MCA	МОСР	NOTES
VRF-OUT-1	1	TOSHIBA	MMY-MAP0966FT9P-UL	8	100.4	28.30	62.4	3.85	R-410A	1/2"	7/8"	3/4"	208/3	34	40	
NOTES:																

	ENERGY RECOVERY UNIT SCHEDULE (ERV)											
							HEAT EXC	HANGER				
MARK	MAKE	MODEL	SUPPLY/EXHAUST (CFM)	SUP/EXH ESP (IN. WC)		WINTER		SUMMER				
					OA DB/WB	RA DB/RH	SA DB	OA DB/WB	RA DB/RH	SA DB/WB		
ERV-1	RENEWAIRE	HE1XINH	500 / 400	1.0 / 1.0	-17.6 / -17.3	70 / 35%	41.2	91.1 / 71.9	75 / 50%	80.3 / 66.7		
ERV-2	RENEWAIRE	EV200	175 / 125	_4 / _4	-17.6 / -17.3	70 / 35%	38.5	91.1 / 71.9	75 / 50%	80.8 / 67.1		
NOTES:												
1. BACKDRA	AFT DAMPER, MOTO	DRIZED ISOLATION D	AMPERS, DIGITAL TIM	E CLOCK, ECM N	IOTOR							
2.8" BACKD	RAFT DAMPER, PE	RCENTAGE TIMER C	ONTROL									

•)	

		ELECT	RICAL						
OA/EA MHP	VOLT/PH	FLA (PER MOTOR)	MCA	MOCP	FILTER	NOTES			
.5 / .5	208/1	4.8	10.8	15	2" MERV-8	1			
.1	120/1	11.5	-	-	1" MERV-8	2			
PROGRESS DRAWING NOT FOR CONSTRUCTION									

DESIGN DAY Mechanicals Inc

THE PROJECT MANAGER FOR THIS PROJECT IS NOTED BELOW: PLEASE REFER ALL QUESTIONS, SUBMITTALS AND CORRESPONDENCE TO THE PROJECT MANAGER. HVAC PROJECT MANAGER: INTE THE THE INTERNATION INTER

PROJECT:

HOLLIS SAU BARN 4 LUND LN. HOLLIS, NH

FOR:

WINDY HILL ASSOCIATES new boston, nh

VENTILATION CALCULATIONS, DESIGN CONDITIONS & SCHEDULES

DESIGNED BY: DRAWN BY: CHECKED BY: DDM JOB #: SCALE:

REVISIONS:

IW TBS AWA 1911O AS NOTED

DATE: 08/16/2019

TELNET SERVICE WEATHER HEAD AND DROP TO METER 320 CL #82360481 240V 3W - EXISTING OVERHEAD VOICE AND CATV CABLES TO REMAIN EXISTING OVERHEAD REMAIN ?

> LOCATIONS OF TRANSFORMER PADS, SWITCHGEAR PADS, LIGHTING POLE BASES, ETC. ARE INDICATED ON THIS SITE ELECTRICAL PLAN FOR INFORMATION PURPOSES ONLY. THE GENERAL CONTRACTOR SHALL SEEK AND OBTAIN PERMISSION TO INSTALL ANY AND ALL EQUIPMENT PADS, POLE BASES AND/OR CONDUIT DUCTBANKS FROM ALL INTERESTED PARTIES, INCLUDING THE CIVIL ENGINEER, THE PROJECT DEVELOPER, THE UTILITY COMPANIES, ETC. PRIOR TO LOCATING AND PERMANANTLY INSTALLING SITE APPURTENANCES.

PROJECT DEVELOPER, THE UTILITY COMPANIES, ETC. PRIOR TO LOCATING AND PERMANANTLY INSTALLING SITE APPURTENANCES.

1. CONDUIT SWEEPS RISING INTO TRANSFORMER PADS, SECTIONALIZING CABINETS, UTILITY POLE RISERS, ETC. SHALL BE GALVANIZED STEEL CONDUIT & SHALL BE A MINIMUM OF 36" BEND. ALL CONDUIT SLEEVES PENETRATING FOUNDATION WALLS SHALL BE GALVANIZED RIGID STEEL.

2. THE TRANSFORMER PAD SHALL BE CONSTRUCTED BY THE GENERAL CONTRACTOR. THE GROUNDING GRID SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH PSNH STANDARDS.

3. ALL SECONDARY CONDUCTORS ¢ SECONDARY LUGS SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR, FINAL CONNECTION OF SECONDARY CABLES SHALL BE PERFORMED BY ELECTRICAL CONTRACTOR.

4. THE GENERAL CONTRACTOR SHALL PROVIDE A 6" BASE OF MECHANICALLY TAMPED SAND UNDER AND AROUND EACH UNDERGROUND CONDUIT BANK.

5. MINIMUM CONDUIT COVER SHALL BE 18" BELOW GRADE TO TOP OF CONDUIT. CONDUIT DEPTH SHALL BE 24" BELOW GRADE WHERE CONDUIT IS RUN UNDER AREAS SUBJECTED TO VEHICULAR TRAFFIC.

6. EACH ITEM REFERRED TO THIS NOTE IS A 300 KVA 13,800 VOLTS WYE PRIMARY TO 277/480 VOLT 3¢ WYE SECONDARY PAD MOUNTED DISTRIBUTION TRANSFORMER PROVIDED BY PSNH (REFER TO SPECIFICATIONS). REFER TO TRANSFORMER PAD DETAIL ON DRAWING SE-3 FOR WORK REQUIRED BY THE GENERAL CONTRACTOR AND THE ELECTRICAL CONTRACTOR.

7. ALL PRIMARY CABLES, LOAD BREAK SWITCHES, LUGS, CONNECTORS, BOLTS, NUTS, WASHERS, ETC. SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH PSNH. REQUIREMENTS AND SPECIFICATIONS. FINAL CONNECTIONS OF PRIMARY CABLES WILL BE PROVIDED BY THE ELECTRICAL CONTRACTOR.

8. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH A 3/8" NYLON PULL WIRE FOR THEIR ENTIRE LENGTH.

9. THE GENERAL CONTRACTOR SHALL PERFORM ALL EXCAVATION AND BACKFILLING NECESSARY FOR THE ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL UNDERGROUND PRIMARY, SECONDARY, FIRE ALARM, CATV, AND

INDICATED ON THIS DRAWING. 10. BEFORE BACKFILLING, CALL THE ELECTRICAL INSPECTOR AND PSNH FOR INSPECTION OF POWER DUCT BANKS AND MANHOLES.

TELEPHONE CONDUITS, CABLES ETC. AS

11. EXTEND SECONDARY CONDUITS AND CONDUCTORS UP TO MAIN SWITCHBOARD. (REFER TO FLOOR PLAN DRAWINGS FOR EXACT LOCATION).

12. MAINTAIN A HORIZONTAL SEPERATION OF AT LEAST 12" BETWEEN POWER AND TELEPHONE DUCT BANKS, CONCRETE ENCASEMENT OF POWER AND TELEPHONE DUCT BANKS (WHERE REQUIRED) SHALL BE FORMED AND POURED SEPERATELY.

13. THE GENERAL CONTRACTOR SHALL PROVIDE PROTECTIVE BOLLARDS AS REQUIRED BY P.S.N.H. STANDARDS FOR THE PAD MOUNTED TRANSFORMERS.

14. EXTEND PRIMARY CONDUIT DUCTBANK TO LOCATION SHOWN, CAP

LIGHTING PLAN NOTES		√
LISING INTO UTILITY POLE RISERS, ETC. SHALL L CONDUIT & SHALL BE A MINIMUM OF 36" BEND.		イ
S PENETRATING FOUNDATION WALLS SHALL BE TEEL. TRACTOR SHALL PROVIDE A 6" BASE OF		AL
ED SAND UNDER AND AROUND EACH NEW IT BANK. COVER SHALL BE 18" BELOW GRADE TO TOP OF		
EPTH SHALL BE 24" BELOW GRADE WHERE ER AREAS SUBJECTED TO VEHICULAR TRAFFIC. . CONTRACTOR SHALL PERFORM ALL EXCAVATION		for
CESSARY FOR THE ELECTRICAL CONTRACTOR TO UNDERGROUND SITE LIGHTING CONDUITS, CATED ON THIS DRAWING.		3
NG, CALL THE ELECTRICAL INSPECTOR AND THE ANY FOR INSPECTION OF POWER DUCT BANKS		SLO
TING CABLES AND CONDULTS TO SITE LIGHTING		ler
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		22 MANCHE DEI T: 603.870.
		Windy Hill
		Associates Architecture
		NEW BOSTON, NH 603-487-5252
		PROJECT * 218265E
		CHECKD BY: RFG/JH DATE: 08/16/19
		SCALE: 1/8"=1'-0"
		PLAN & NOTES
		© 2019 WINDY HILL ASSOCIATES ALL RIGHTS RESERVED
		SE1-2
		I I

F	LIGHT OUTLET AND FIXTURE - LETTER REFERS TO FIXTURE SCHEDULE		WIRING DEVICES -
	FLUORESCENT OR LINEAR INCANDESCENT FIXTURE		
C,ROOR P ଅଠା	INCANDESCENT, FLUORESCENT, OR H.I.D. FIXTURE WALL MOUNTED FIXTURE		DOUBLE DUPLEX
-0	DIRECTIONALLY ORIENTATED FIXTURE		DUPLEX - GROUNI
• <i>o</i> r E	FIXTURE EQUIPPED WITH INTEGRAL EMERGENCY BATTERY UNIT OR FIXTURE WIRED TO EMERGENCY CIRCUIT OR EMERGENCY INVERTER		DUPLEX - ISOLAT DUPLEX - WEATH
	FIXTURE WIRED TO NIGHT LIGHTING CIRCUIT	R 🖨	RANGE OUTLET -
8	EXIT SIGN - SINGLE FACE OUBLE FACE - DIRECTIONAL ARROWS AS INDICATED		TAMPERPROOF TY DUPLEX - KICKPL
	WIRING DEVICES - SWITCHES 20A., 120/277V. M.H. 48" TO 🦕 EXCEPT AS NOTED		DUPLEX - MOUNT
S	SINGLE POLE		DUPLEX WITH INT
52		©H	SPECIAL PURPOSE
38 64			CLOCK OUTLET -
یر بر	SINGLE POLE SWITCH WITH THERMAL ELEMENT		WIREMOLD G4000 DUPLEX 20A-125V
	DIMMER SWITCH - 600W-120V (UNLESS NOTED OTHERWISE) LINEAR SLIDE BAR TYPE		REQUIRED BY THE
FLD	DIMMER SWITCH - FLOURESCENT RATED - LINEAR SLIDE BAR TYPE		
SMC	MAINTAINED CONTACT-THREE POSITION-CENTER OFF-SINGLE POLE-DOUBLE THROW		
5	SPEED SWITCH - FURNISHED BY HVAC CONTRACTOR - INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR	FBP	FLUSH MOUNTED
SD	DOOR OPERATED SWITCH	FBT	FLUSH MOUNTED
	OCCUPANCY SENSORS / AUTOMATIC CONTROL DEVICES		#880MP WITH 88
6	WALL MOUNTED - PIR AND ULTRASONIC, 120/277V RATED, MANUAL OVERIDE, WHITE FINISH - 15 MINUTE	FB	DUAL GANG FLU OUTLET AND BR
9	SETTING - WATTSTOPPER #DW-100-W		DUAL GANG FLU
s ₂	DUAL CIRCUIT WALL MOUNTED - PIR AND ULTRASONIC, 120/277V RATED, MANUAL OVERIDE, WHITE FINISH - 15 MINUTE SETTING - WATTSTOPPER #DW-200-W		RECEPTACLE AN
6	SURFACE CEILING MOUNTED - PIR AND ULTRASONIC, 120/277V RATED, WHITE FINISH - WITH POWER	PT	TRIPLE GANG FI DATA/VOICE OU
SCLG	PACK(S) AS REQUIRED - WATTSTOPPER #DT-300 - EXTENDED RANGE LENS, 24V DC		TRIPLE GANG F
WPSH	WALL MOUNTED LOW TEMPERATURE PIR OCCUPANCY SENSOR - 24V DC, WIDE ANGLE LENS - WATTSTOPPER #CB100 WITH POWER PACK(S) AS REQUIRED - MOUNTED OF RELAKING		COMBINATION -
-	WALL MOUNTED - DIGITAL COUNT DOWN TIMER 120/2771/ RATED MANUAL OVERIDE (FIELD SET DIR	PT BF	FURNITURE SYS
ST	SWITCHES AT 2 HOURS), WHITE FINISH - WATTSTOPPER #TS400W		POWER ONLY FI
HDGCG	SURFACE CEILING MOUNTED PASSIVE INFRARED - 24V DC RATED - WHITE FINISH - 15 MINUTE SETTING -		CONNECTION - F
	HIGH DENSITY LENS. WATTSTOPPER #CI-300-1 WITH POWER PACK(S) AS REQUIRED.	PT 🔀	VOICE/DATA ON
HV/HD (S) CLG	SURFACE CEILING MOUNTED PASSIVE INFRARED - 24V DC RATED - WHITE FINISH - 15 MINUTE SETTING - HIGH DENSITY LENS. WATTSTOPPER #CI-24-1 WITH INTERNAL ISOLATED RELAY		MONIMENT TYPE
	SURFACE CEILING MOUNTED PASSIVE INFRARED - 24V DC RATED - WHITE FINISH - 15 MINUTE SETTING -		BACE EEED MOD
HV B CLG	EXTENDED RANGE LENS. WATTSTOPPER #CI-24 WITH INTERNAL ISOLATED RELAY		DAJE FEED MOD
DT (S) CLG	SURFACE CEILING MOUNTED DUAL TECHNOLOGY - 24V DC RATED - WHITE FINISH - 15 MINUTE SETTING - HIGH DENSITY LENS, WATTSTOPPER #DT-300 WITH POWER PACK(S) AS REQUIRED		
99	POWER PACK AND ENCLOSURE - 120/277V, 20A INPUT RATED, WATTSTOPPER #BZ-100	L D	NON-FUSIBLE DIS
	A A = MOUNTED BIR DIMMARIE A A = GAUTCU GENGOR = 120/2771/ BATED = A TE EINIGU = 15 MINUTE		FUSIBLE DISCON
S DIM	SETTING. WATTSTOPPER #WD-180-W		ENCLOSED CIRCL
	DAYLIGHTING SENSORS / AUTOMATIC CONTROL DEVICES		MAGNETIC MOTO
	SURFACE CEILING MOUNTED DAYLIGHTING CONTROLLER - SINGLE ZONE - 24V DC RATED. WATTSTOPPER		MOTOR - NUMER
52 05 020	#LS-101 WITH POWER PACK(S) AS REQUIRED.		TRANSFORMER -
MZOSCLG	SURFACE CEILING MOUNTED DAYLIGHTING CONTROLLER - MULTI ZONE - 24V DC RATED. WATTSTOPPER WITH POWER PACK(S) AS REQUIRED.		LIGHTING AND/O
DS	SURFACE CEILING MOUNTED LINE VOLTAGE DAYLIGHT SENSOR HUBBELL #DIC-PC-0		METER - CHECK
	DAYLICHT SENSOR DIMMING MODULE - 24/ DC RATED WATT STOPPER I CD-203 WITH BT-203 POWER	VFD	VARIABLE FREQU
DS DM	PACK AND LS-EB ENCLOSURE - MOUNT NIGH ON WALL ADJACENT TO LITE CONTROLS CONTROL SPLICE		
			BATTERY UNIT -
	CONDUIT AND WIRING (BRANCH AND FEEDER CIRCUITRY)	R	BATTERY UNIT -
<i>\</i>	CONDUIT AND WIRING - DIAGONAL LINES INDICATE # OF WIRES (GROUNDING WIRE NOT SHOWN) MINIMUM WIRE SIZE #12 AWG, MINIMUM CONDUIT SIZE 3/4" (TYPICAL U.N.O.)	M	BATTERY UNIT -
o	CONDUIT TURNING UP	►	REMOTE HEAD-W
•	CONDUIT TURNING DOWN	4,6	REMOTE HEADS-
	HOMERUN TO PANELBOARD DESIGNATED - 2 #12 \$ #12G-3/4"C. TO 20A-1P CIRCUIT BREAKER (TYPICAL UNLESS NOTED OTHERWISE)	—E—	EMERGENCY WIRI
•~	FLEXIBLE CONDUIT AND EQUIPMENT CONNECTION	WP -	WEATHERPROOF
		WP 📣	WEATHERPROOF
	MISCELLANEOUS		EMERGENCY TRA
	EXING SYMBOL		
EL EL	ECTRIC RADIATION - FURNISHED AND INSTALLED BY HVAC CONTRACTOR, WIRED BY THE		
(FP) PU	BLIC ADDRESS FLUSH CEILING MOUNTED SPEAKER WITH VOLUME CONTROL		FEEDER TYPE B
CR CA	RD READER - PROVIDED BY SECURITY SYSTEM VENDOR		PLUG-IN TYPE E
JorJ JU	ACTION BOX		END CABLE TAP
	1E CLOCK (SWITCH) 7 DAY ASTRONOMIC DIAL - 24 HOUR - DIGITAL CONTROL - BATTERY BACKUP	CB1	PLUG-IN CIRCUIT
	E VOLTAGE THERMOSTAT		
	ECTRIC DOOR RELEASE		EXISTING EQUIP
	ECTRIC DOOR RELEASE WER POLE - DUAL CHANNEL AXIAL OUTLET FOR CATV	ETR	DUTTED DENOT
	ECTRIC DOOR RELEASE WER POLE - DUAL CHANNEL AXIAL OUTLET FOR C.A.T.V.	ETR E= XR	EXISTING FOUR
	ECTRIC DOOR RELEASE WER POLE - DUAL CHANNEL AXIAL OUTLET FOR C.A.T.V.	ETR E= XR RX	EXISTING EQUIP NEW LOCATION
	ECTRIC DOOR RELEASE WER POLE - DUAL CHANNEL AXIAL OUTLET FOR C.A.T.V.		EXISTING EQUIP NEW LOCATION EXISTING EQUIP
	ECTRIC DOOR RELEASE WER POLE - DUAL CHANNEL AXIAL OUTLET FOR C.A.T.V.		EXISTING EQUIF NEW LOCATION EXISTING EQUIF MASTER SCHEDULI
	ECTRIC DOOR RELEASE WER POLE - DUAL CHANNEL AXIAL OUTLET FOR C.A.T.V. NOTE: THIS SY	ETR E XR RX X MBOL LIST IS A	EXISTING EQUIF NEW LOCATION EXISTING EQUIF MASTER SCHEDULE
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	ECTRIC DOOR RELEASE WER POLE - DUAL CHANNEL AXIAL OUTLET FOR C.A.T.V. NOTE: THIS SY	ETR E XR RX X MBOL LIST IS A	EXISTING EQUIP NEW LOCATION EXISTING EQUIP MASTER SCHEDULE
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	ECTRIC DOOR RELEASE WER POLE - DUAL CHANNEL AXIAL OUTLET FOR C.A.T.V. NOTE: THIS SY NOTE: TH		EXISTING EQUIP NEW LOCATION EXISTING EQUIP MASTER SCHEDULE
TC TIN LV T LIN DR EL PP PO TV CO	ECTRIC DOOR RELEASE WER POLE - DUAL CHANNEL AXIAL OUTLET FOR C.A.T.V. NOTE: THIS SY NOTE: THIS SY NOTE: THIS SY NDUIT SHALL BE RUN CONCEALED WHEREVER POSSIBLE. RUN EXPOSED CONDUIT PERPENDICULAR OR PARALL IDUIT SIZES INDICATED ON HOMERUNS SHALL RUN CONTINUOUS THROUGHOUT CIRCUIT.		EXISTING EQUIP NEW LOCATION EXISTING EQUIP MASTER SCHEDULE
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TC TIN LV T LIN DR EL PP PO TV CO ELECTRICAL CO WIRE AND CO NIRING SYSTEMS CONDUITS AND THER TRADES	ECTRIC DOOR RELEASE WER POLE - DUAL CHANNEL AXIAL OUTLET FOR C.A.T.V. NOTE: THIS SY NOTE: TH	ETR ETR XR RX X MBOL LIST IS A MBOL LIST IS A EL TO BUILDIN GID STEEL RAC E FIELD COORD	EXISTING EQUIP NEW LOCATION EXISTING EQUIP MASTER SCHEDULE G WALLS OR COL CEWAYS AND IN A
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IC TIN LV T LIN DR EL PP PO IV TV CO IV IV CO IV TV IV CO IV CONDUITS AND IV CONDUCTS AND IV CONDUCTS AND IV CONDUCTS AND IV CONDUCTS AND IV COORDUCTS AND IV COORDUCTS AND <td>ECTRIC DOOR RELEASE WER POLE - DUAL CHANNEL AXIAL OUTLET FOR C.A.T.V. NOTE: THIS SY NOTE: THIS SY NO</td> <td>ETR ETR E XR RX X MBOL LIST IS A MBOL LIST IS A EL TO BUILDIN GID STEEL RAC E FIELD COORD PANELBOARDS RESPECTIVE PA</td> <td>EXISTING EQUIF NEW LOCATION EXISTING EQUIF MASTER SCHEDULI G WALLS OR COL CEWAYS AND IN A DINATED SO AS TO SHALL BE A MIN NELBOARDS SHAL</td>	ECTRIC DOOR RELEASE WER POLE - DUAL CHANNEL AXIAL OUTLET FOR C.A.T.V. NOTE: THIS SY NOTE: THIS SY NO	ETR ETR E XR RX X MBOL LIST IS A MBOL LIST IS A EL TO BUILDIN GID STEEL RAC E FIELD COORD PANELBOARDS RESPECTIVE PA	EXISTING EQUIF NEW LOCATION EXISTING EQUIF MASTER SCHEDULI G WALLS OR COL CEWAYS AND IN A DINATED SO AS TO SHALL BE A MIN NELBOARDS SHAL

DMPOUND AT THE VARIANT TEMPERATURE AREA. 10. WHEN ROUGHING IN, OUTLET BOXES FOR DEVICES SHALL BE MEASURED OFF OF FINISHED FLOOR TO A SET HEIGHT, AND THEN ALIGNED HORIZONTALLY SO THAT ALL DEVICES WILL BE LEVEL WITHIN A GIVEN AREA.

11. PROVIDE ELECTRICAL OUTLET DEVICE PLATE GASKETS IN ALL WIRING DEVICE BOXES INSTALLED IN WALLS SEPARATING CONDITIONED AND UNCONDITIONED SPACES. 12. ALL RACEWAY PENETRATIONS THROUGH FIRE RATED WALL, CEILING, OR FLOOR ASSEMBLIES SHALL BE PROPERLY FIRE SEALED. 13. PROVIDE SEISMIC RESTRAINTS FOR ALL ELECTRICAL EQUIPMENT IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE 2015 EDITION RECOMMENDATIONS, SEISMIC SYSTEM DESIGN AND CALCULATIONS SHALL BE PREPARED AND STAMPED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF NEW HAMPSHIRE.

		ELECTRICAL LEGEND		
		WIRING DEVICES - RECEPTACLES 20A., 125V. GROUNDING TYPE. M.H. 18" TO 🖕 A.F.F. (EXCEPT AS NOTED)		
	æ	DUPLEX - WALL MOUNTED		FIRE ALARI MANUAL PU
	GELGE	DUBLE DUPLEX DUPLEX - GROUND FAULT INTERRUPTER TYPE WITH LED INDICATOR STATUS LIGHT		HORN/STRO
CIRCUIT		DUPLEX - ISOLATED GROUND TYPE	ÞEs	SPEAKER/S
		DUPLEX - WEATHERPROOF RANGE OUTLET - 50A 125/250V GROUNDING TYPE	520 DE	FIRE ALARM
		TAMPERPROOF TYPE RECEPTACLE		STROBE UN
		DUPLEX - KICKPLATE MOUNTING DUPLEX - MOUNTED 42" A.F.F. OR ABOVE COUNTER BACKSPLASH	KK	KEY KEEPEI
		DUPLEX WITH INTEGRAL USB PORTS - MOUNTED 42" A.F.F. OR ABOVE COUNTER BACKSPLASH	Ð	HEAT DETE
	Ø-I	SPECIAL PURPOSE RECEPTACLE - REFER TO FLOOR PLANS FOR TYPE	HDF	HEAT DETE
	Ф	CLOCK OUTLET - SINGLE OR DUPLEX - 15A., 120V., MTD. 8'-0" A.F.F. TO E	(SD)	SMOKE DET
		WIREMOLD G4000 DUAL CHANNEL SURFACE MOUNTED (42" A.F.F.) RACEWAY SYSTEM WITH DUPLEX 20A-125V OUTLETS 24" O.C. ALTERNATELY WIRED AND DATA/VOICE OUTLETS AS	ه ل	WALL MOUN
		REQUIRED BY THE TENANT	(SD)-	SINGLE OR
	~		(SD).	SINGLE OR
	<u> </u>	FLUOR BOXES AND POKE THRU DEVICES		FREQUENCY
ITRACTOR	FB	#880MP WITH 880MPA, 817P FLANGE AND 829CK1 COVER PLATE		AUDIBLE DI
	FBI	FLUSH MOUNTED TELECOM FLOOR BOX WITH CONDUIT TAKE-OFF FOR VOICE/DATA CABLING. WALKER		BEAM TYPE
		#880MP WITH 880MPA, 817P FLANGE AND 829CKI COVER PLATE DUAL GANG FLUGH MOUNTED CAST IRON FLOOR BOX WITH 120V-20A DUPLEY RECEPTACLE DATA/VOICE	BDH	BEAM TYPE
INUTE	FB	OUTLET AND BRASS COVER PLATE	SAGD-	DUCT MOUN
	V	DUAL GANG FLUSH MOUNTED FIRE RATED POKE-THRU DEVICE WITH 20A-125V DUPLEX RECEPTACLE AND DATA/VOICE OUTLET AND BRASS COVER PLATE - REFER TO DETAIL ON DRAWING E-*	RTS	REMOTE INI
		TRIPLE GANG FLUSH MOUNTED FIRE RATED POKE-THRU DEVICE WITH 20A-125V DUPLEX RECEPTACLE,		WATER FLO
R		DATA/VOICE OUTLET AND CATV OUTLET AND BRASS COVER PLATE - REFER TO DETAIL ON DRAWING E-*		TAMPED /C
	FB T T	DATA/VOICE OUTLET AND CATV OUTLET AND BRASS COVER PLATE - REFER TO DETAIL ON DRAWING E-*		TAMPER GA
5		COMBINATION POWER AND VOICE/DATA FIRE RATED MONUMENT TYPE POKE THRU DEVICE FOR FURNITURE SYSTEM CONNECTION - REFER TO DETAIL ON DRAWING E-*		WIRED BY
IP	ਸ਼ ਕਿਤ	POWER ONLY FIRE RATED MONUMENT TYPE POKE THRU DEVICE FOR FURNITURE SYSTEM	(FS)	PRESSURE
TTING -		CONNECTION - REFER TO DETAIL ON DRAWING E-*	RAI	REMOTE AL
TTING -	PT	VOICE/DATA ONLY FIRE RATED MONUMENT TYPE POKE THRU DEVICE FOR FURNITURE SYSTEM CONNECTION - REFER TO DETAIL ON DRAWING E-*		REMOTE DI
	PT	MONUMENT TYPE FIRE RATED POKE THRU - REFER TO DETAIL ON DRAWING E-*		PED EVTED
FTING -	BF	BASE FEED MODULE CONNECTION TO PARTITION SYSTEM - REFER TO DETAIL ON DRAWING E-*	Щ. Ц.	
TING -			(R)FA	FIRE ALARI
		MOTOR CONTROLS AND DISTRIBUTION EQUIPMENT		MONITOR M
		FUSIBLE DISCONNECT SWITCH - RATING AS INDICATED		CONTROL M
JTE	Ē	ENCLOSED CIRCUIT BREAKER - RATING AS INDICATED		VENTILATIO
	1⊠	MAGNETIC MOTOR STARTER - NUMERAL INDICATES NEMA SIZE	肻	MASTER BO
OPPER	$\sqrt{1}$	MOTOR - NUMERAL INDICATES HORSEPOWER	_ هې_	SMOKE DET
		CONTROL PANEL	177 🕞 🔊	SINGLE OR
PPER		LIGHTING AND/OR POWER PANELBOARD		FREQUENCY
	묘	METER - CHECK METER EMON-DEMON WITH "PEAK DEMAND" READING - AMPERE AS INDICATED	PE ^{GD} L	MONOXIDE I
	VFD	VARIABLE FREQUENCY DRIVE	CO ®D _{PE}	COMBINATIC
LICE		EMERGENCY LIGHTING SYSTEMS - 12 VOLT	60	INFRARED +
		BATTERY UNIT - DUAL-LITE #1715N12V031 (TYPICAL UNLESS NOTED OTHERWISE)	SB (6D)	STSTEM PH
	R	BATTERY UNIT - DUAL-LITE #LZ20N12VO3L (TYPICAL UNLESS NOTED OTHERWISE)		SYSTEM PH
	M 📩	BATTERY UNIT - DUAL-LITE #EV402L (TYPICAL UNLESS NOTED OTHERWISE)		COMBINATIC
	┣╴	REMOTE HEAD-WALL MOUNTED - DUAL-LITE #LZRSW1203L (TYPICAL U.N.O.) (UL DAMP LOCATION LISTED)		
	4,6	REMOTE HEADS-WALL MOUNTED - DUAL-LITE #LZRDWI203L (TYPICAL U.N.O.) (UL DAMP LOCATION LISTED)		SMOKE/FIRE
	—E—	EMERGENCY WIRING - 2#12-1/2" CONDUIT (TYPICAL UNLESS NOTED OTHERWISE)		
	WP ►	WEATHERPROOF EMERGENCY REMOTE HEAD - DUAL-LITE #OCRSW1203L		
		WEATHERPROOF EMERGENCY REMOTE HEADS - DUAL-LITE #OCRDW1203L		VOICE/E
	TR	EMERGENCY TRANSFER RELAY - REFER TO DETAIL ON DRAWING E-*		TELEPH
		BUSWAY DISTRIBUTION SYSTEM	\triangleright	DATA C
	XXXXX	FEEDER TYPE BUSWAY-AMPERAGE AS INDICATED	-	- CABLE
	777777	PLUG-IN TYPE BUSWAY-AMPERAGE AS INDICATED	→ D	- CABLE
	E _C	END CABLE TAP BOX	۲	DATA A
	C _B J	PLUG-IN CIRCUIT BREAKER UNIT - REFER TO SCHEDULE	1.1	
		EXISTING ELECTRICAL EQUIPMENT	9 [[]]]]]]]	9" WIDE, ·
	ETR	EXISTING EQUIPMENT TO REMAIN	18 [[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]	18" WIDE,
	<u></u>	DOTTED DENOTES EXISTING EQUIPMENT	24 [[]]]]]]]	24" WIDE.
	XR RX	EXISTING EQUIPMENT TO BE RELOCATED NEW LOCATION OF RELOCATED EXISTING FLECTRICAL FOURMENT		90° HORIZO
	X	EXISTING EQUIPMENT TO BE REMOVED		CABLE TR
ι Ε. Ι ΠΙΣ ΣΥΛ	NDUL LIST IS A	MASTER SCHEDULE, SUME OF THE STMOULS LISTED ADOVE MATINUT BE APPLICABLE TO THE SCOPE OF WORK FOR THIS	PRUJEUI.	

GENERAL NOTES

EMT OR RIGID STEEL RACEWAYS AND IN ALL PREMANUFACTURED

SHALL BE FIELD COORDINATED SO AS TO AVOID CONFLICTS WITH

RESPECTIVE PANELBOARDS SHALL BE A MINIMUM OF #10 AWG

IRCUIT TO RESPECTIVE PANELBOARDS SHALL BE A MINIMUM OF #10

14. OUTLETS OR DEVICES MOUNTED ON EXISTING CMU OR CONCRETE WALLS SHALL BE 15. ELECTRICAL RACEWAYS WHICH TRAVERSE THROUGH CMU WALLS SHALL BE PROPERL 16. FEEDERS OR BRANCH CIRCUITS TO ALL ELECTRICALLY POWERED ROOFTOP MOUNTED ROOFTOP AIR CONDITIONING UNITS THE POWER CIRCUIT AND RACEWAY SHALL RISE UP OTHER ELECTRICALLY POWERED ROOFTOP EQUIPMENT PROVIDE PITCH POCKETS AND RA 17. BACK TO BACK RECEPTACLES, SWITCH, AND/OR VOICE/DATA DEVICES AND OUTLETS RATED WALL PARTITIONS.

18. CONFIRM THE VOLTAGE AND AMPERAGE CHARACTERISTICS OF ALL ELECTRICALLY PO CONTRACTORS PRIOR TO COMMENCING WORK AND BEFORE ORDERING ELECTRICAL DISTI 19. THE ELECTRICAL CONTRACTOR SHALL ENSURE THAT ALL RIGID OR FLEXIBLE WIRING FINISHED SPACE) THROUGH PERFORATED OR BLADE TYPE SUPPLY OR RETURN AIR CEIL 20. THE VOICE/DATA CONTRACTOR SHALL ENSURE THAT ALL RIGID OR FLEXIBLE WIRING FINISHED SPACE) THROUGH PERFORATED OR BLADE TYPE SUPPLY OR RETURN AIR CEIL 21. ALL WALL MOUNTED LIGHTING CONTROL DEVICES (I.E. ELECTRONIC TIMER SWITCHES SWITCH LEGS OR CIRCUIT CONDUCTORS RUN FROM THE WALL BOX TO THE AREA LIGHTI 22. STRUCTURAL METAL THAT IS INTERCONNECTED TO FORM A METAL BUILDING FRAME INTENTIONALLY GROUNDED SHALL BE BONDED TO THE BUILDING GROUNDING ELECTRODE 23. ALL WIRING DEVICES SHALL HAVE THEIR PANELBOARD ORIGIN AND CIRCUIT NUMBER 24. WIRING DEVICE COLORS SHALL AS FOLLOWS, UNLESS NOTED OTHERWISE: NORMAL WALLPLATES. NORMAL/STANDBY OR EMERGENCY POWER: RED WITH RED FACEPLATES.

WITH ARCHITECT PRIOR TO ORDERING. 25. ALL WIRING DEVICES, OUTLET BOXES, ETC SHALL BE FLUSH MOUNTED IN NEW WALLS OR CEILINGS, UNLESS SPECIFICALLY NOTED OTHERWISE. 26. ALL NEMA 5-15R AND 5-20R RECEPTACLES SHALL BE TAMPER RESISTANT TYPE UNLESS SPECIFICALLY NOTED OTHERWISE.

M CONTROL PANEL	
ULL STATION - M.H. 48" TO & A.F.F "S" INDICATES MANUAL STATION WITH STOPPER COVER OBE UNIT - M.H. 80" AFF OR 6" BELOW CEILING - CANDELA RATING AS INDICATED	
STROBE UNIT - M.H. 80" AFF OR 6" BELOW CEILING - CANDELA RATING AS INDICATED	
NIT - M.H. 80" A.F.F. OR 6" BELOW CEILING - CANDELA RATINGS AS INDICATED	
ER - LOCK BOX - 10 KEY CAPACITY	
ECTOR - COMBINATION TYPE - "DC" INDICATES DUAL CONTACTS	
TECTOR - FIXED TEMPERATURE TIPE TECTOR - "DC" INDICATES DUAL CONTACTS	
NTED SMOKE DETECTOR MULTISTATION LOCAL 120V PHOTOELECTRIC TYPE WALL MOUNTED SMOKE DETECTOR RNAL LOW FREQUENCY AUDIBLE DEVICE AND BATTERY BACKUP MULTISTATION LOCAL 120V PHOTOELECTRIC TYPE SMOKE DETECTOR WITH INTERNAL LOW Y AUDIBLE DEVICE AND BATTERY BACKUP MULTISTATION LOCAL 120V CARBON MONOXIDE DETECTOR WITH INTERNAL LOW FREQUENCY DEVICE AND BATTERY BACKUP E SMOKE DETECTOR - TRANSMITTER	Versíon
E SMOKE DETECTOR - RECEIVER	<u> </u>
NTED SMOKE DETECTOR - INSTALLED BY HVAC CONTR.,FURNISHED & WIRED BY ELECT. CONTR. IDICATING AND TESTING STATION WITH LED INDICATING LIGHT BATTERY UNIT	T C
OW SWITCH - FURNISHED AND INSTALLED BY SPRINKLER CONTR., WIRED BY ELECTRICAL CONTR. SUPERVISORY) SWITCH - FURN. & INSTALLED BY SPRINKLER CONTR., WIRED BY ELEC. CONTR. WITCH - POST INDICATOR VALVE - FURNISHED & INSTALLED BY SPRINKLER CONTRACTOR, ELECTRICAL CONTRACTOR	LIG, N LIG, N
SWITCH - FURNISHED AND INSTALLED BY SPRINKLER CONTR., WIRED BY ELECTRICAL CONTR.	$ \downarrow \downarrow \downarrow$
IGITAL DISPLAY UNIT	Ĭ O II Ĭ
DOOR HOLDER	
RIOR FLASHING BEACON	
M BELL - FURNISHED AND INSTALLED BY SPRINKLER CONTR., WIRED BY ELECTRICAL CONTR. 10DULE 10DULE	LUND ZYN
ON OVERIDE MODULE	
TECTOR WITH INTEGRAL THERMAL ELEMENT	
MULTISTATION LOCAL 120V PHOTOELECTRIC TYPE SMOKE DETECTOR WITH INTERNAL LOW Y AUDIBLE AND VISUAL DEVICE AS WELL AS BATTERY BACKUP. CANDELA RATING AS INDICATED. MULTISTATION LOCAL 120V PHOTOELECTRIC TYPE SMOKE DETECTOR WITH INTEGRAL CARBON DETECTOR, INTERNAL LOW FREQUENCY AUDIBLE DEVICE AND BATTERY BACKUP ON SMOKE DETECTOR (PHOTOELECTRIC) AND CARBON MONOXIDE DETECTOR WITH THERMAL AND HEAT DETECTION	
HOTOELECTRIC SMOKE DETECTOR WITH VERIFICATION FEATURE	
HOTOELECTRIC SMOKE DETECTOR WITH VERIFICATION FEATURE AND 520HZ SOUNDER BASE ON SMOKE DETECTOR (PHOTOELECTRIC) AND CARBON MONOXIDE DETECTOR WITH THERMAL AND HEAT DETECTION, VERIFICATION FEATURE AND 520HZ SOUNDER BASE	
TAGE RELAY - 120V TO 24V DC E DAMPER FURNISHED AND INSTALLED BY OTHERS, WIRED BY THE ELECTRICAL CONTRACTOR	SUITE 8A
VOICE/DATA SYSTEMS VOICE CONNECTION TO PARTITION SYSTEM - REFER TO DETAIL ON DRAWING E-*	SVSTEMS SVSTEMS ROAD, H 03033
DATA OUTLET - WALL MOUNTED - REFER TO DETAIL ON DRAWING E-*	STER I
HONE OUTLET - WALL MOUNTED - REFER TO DETAIL ON DRAWING E-* OUTLET - WALL MOUNTED - REFER TO DETAIL ON DRAWING E-*	ANCHE 803.870
HOMERUN TO TERMINAL STRIP - REFER TO NOTES ON VOICE/DATA PLANS HOMERUN TO PATCH PANEL - REFER TO NOTES ON VOICE/DATA PLANS ANTENNA STUB - PROVIDED BY TELECOMMUNICATIONS SYSTEM VENDOR	22 M
CABLE TRAY SYSTEMS	
4" HIGH ALUMINUM LADDER TYPE CABLE TRAY STRAIGHT SECTION, 6" RUNG SPACING 4" HIGH ALUMINUM LADDER TYPE CABLE TRAY STRAIGHT SECTION, 6" RUNG SPACING	Associates
, 4" HIGH ALUMINUM LADDER TYPE CABLE TRAY STRAIGHT SECTION, 6" RUNG SPACING CONTAL BEND	
RAY TEE-SIZE AS REQUIRED	603-487-5252
SURFACE MOUNTED IN APPROPRIATE BOXES. LY WEATHERSEALED.	
D EQUIPMENT SHALL BE RUN IN THE JOIST SPACE ON THE UNDERSIDE OF THE ROOF DECK. FOR TO THE TERMINALS OF THE UNIT CONTROL PANEL WITHIN THE CURB CUT OPENING. FOR ALL CACEWAY SEALS AS REQUIRED.	DRAWN BY: CMM CHECKD BY: RFG/JH DATE: 08/16/19
POWERED HVAC, PLUMBING OR FIRE PROTECTION EQUIPMENT WITH THE MECHANICAL RIBUTION EQUIPMENT.	SCALE: N.T.S.
G SYSTEMS INSTALLED CONCEALED ABOVE SUSPENDED CEILINGS ARE NOT VISIBLE (FROM THE ILING REGISTERS OR DIFFUSERS.	
NG SYSTEMS INSTALLED CONCEALED ABOVE SUSPENDED CEILINGS ARE NOT VISIBLE (FROM THE ILLING REGISTERS OR DIFFUSERS.	LEGEND & SPECIFICATION
S, OCCUPANCY SENSORS, ETC.) SHALL HAVE A NEUTRAL CONDUCTOR INCLUDED WITH THE TING CONTROLLED.	
RS STAMPED OR TAPED ON THE BACKSIDE OF THEIR ASSOCIATED WALLPLATE.	C 2019
POWER DEVICES: WHITE WITH WHITE WALL PLATES, ISOLATED GROUND: ORANGE WITH WHITE UPS POWER: GREEN WITH WHITE FACEPLATES. CONFIRM COLOR OF DEVICES AND WALLPLATES	WINDY HILL ASSOCIATES ALL RIGHTS RESERVED
IS OR CEILINGS UNLESS SPECIFICALLY NOTED OTHERWISE	1 1

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	ELECTRICAL SPECIFICATIONS
1. THE GENERAL CONDITIONS	SHALL BE CONSIDERED AS FORMING A PART OF THESE SPECIFICATI
2. THE SCOPE OF WORK SH	ALL CONSIST OF ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES
INDICATED ON THE DRAWING	S AND IN THESE SPECIFICATIONS. THE WORK SHALL INCLUDE, BUT S
FOLLOWING: A. MODIFICATIONS B. GROUNDING AN C. WIRING DEVICE D. POWER WIRING E. LIGHTING SYST F. FIRE ALARM S G. ALL OTHER SY	TO THE SECONDARY DISTRIBUTION SYSTEM AS INDICATED ON THE ND BONDING OF ELECTRICAL SYSTEMS AND EQUIPMENT. ES (SWITCHES AND RECEPTACLES) COMPLETE WITH ASSOCIATED WAL TO HVAC, PLUMBING AND FIRE PROTECTION EQUIPMENT OR APPLIAN FEM INCLUDING ALL FIXTURES, LAMPS, SWITCHING, ETC. AS REQUIRE SYSTEM MODIFICATIONS COMPLETE WITH DEVICES AND WIRING.
3. ALL ELECTRICAL WORK SI	HALL MEET OR EXCEED THE LATEST REQUIREMENTS OF ALL NATIONA
AUTHORITIES HAVING JURISE	DICTION OVER ELECTRICAL CONSTRUCTION WORK AND THE PROJECT.
4. OBTAIN AND PAY FOR A PERTAINING TO THIS PORTIC	LL PERMITS, FEES, INSPECTIONS, AND TESTS, AND COMPLY WITH AIDN OF THE CONTRACT.
5. ALL WORK PROVIDED UN	IDER THIS SECTION SHALL BE GUARANTEED FOR ONE YEAR FROM TH
6. PRIOR TO PURCHASING A	ANY EQUIPMENT OR MATERIALS A LIST OF THEIR MANUFACTURERS A
SHALL BE SUBMITTED TO TH	HE ARCHITECT FOR APPROVAL.
7. ALL BRANCH WIRING, AN	D MAIN FEEDERS RUN IN EXPOSED AREAS SHALL BE RUN IN EMT RA
WIRING WITH ARCHITECT FOR	R APPROVAL PRIOR TO ROUGHIN. BRANCH CIRCUITRY RUN ABOVE SU
WALLS SHALL BE METAL CL	AD CABLE TYPE MC W/ INSULATED GROUND CONDUCTOR. ISOLATED
CIRCUITED WITH "HOSPITAL G	GRADE" BX.
8, ALL WIRING SHALL BE CO CONDUCTOR SIZE SHALL BE AND LARGER.	PPER WITH 600V INSULATION, THWN OR THHN FOR BRANCH CIRCUITE #12 AWG. USE SOLID OR STRANDED CONDUCTORS FOR #12 AND #10 /
9. THE ELECTRICAL CONTRACT	CTOR SHALL PROVIDE OUTLET, JUNCTION AND PULL BOXES AT ALL .
TO FACILITATE THE PULLING	, SUPPORTING, OR CONNECTING OF WIRES AND CABLES.
10. STANDARD DUPLEX CON	VENIENCE RECEPTACLES SHALL BE 20A-125V-3 WIRE, GROUNDING TY
WHITE IN COLOR. STANDARD	SWITCHES SHALL BE TOGGLE TYPE, AC QUITE DESIGN, 20A 125V/27
PROVIDE WHITE PLASTIC WA	LLPLATES WITH ALL WIRING DEVICES.
11. ALL EQUIPMENT AND SY NATIONAL ELECTRICAL CODE	STEMS SHALL BE GROUNDED IN ACCORDANCE WITH BEST INDUSTRY
12. BEFORE AN APPLICATION	N FOR FINAL ACCEPTANCE OF THE WORK, ALL TESTS DEEMED NECES
PROPER EXECUTION OF THE	WORK SHALL HAVE BEEN PERFORMED AND COMPLETED IN THE PRES
OR DEFICIENCIES DISCOVERE	D IN ANY OF THE ELECTRIC WORK SHALL BE CORRECTED.
13. AS PART OF THE ELECT	RICAL WORK, A COMPLETE SET OF "AS BUILTS" OR RECORD ELECTR
DELIVERED TO THE ARCHITE	CT. THE DRAWINGS SHALL BE PREPARED ON AUTOCAD AND SUBMIT
REPRODUCIBLE PLOTS AT TH	HE COMPLETION OF THE PROJECT.
14. SUPPORT AND FASTEN 1	ELECTRICAL WORK IN ACCORDANCE WITH BEST INDUSTRY PRACTICE.
15. ALL ELECTRICAL CONDU	IT SHALL BE RUN CONCEALED WHEREVER POSSIBLE. RUN EXPOSED
TO BUILDING WALLS OR COL	.UMNS.
16. EXCEPT WHERE MODIFIED	D BY A SPECIFIC NOTATION TO THE CONTRARY, IT SHALL BE UNDER
DESCRIPTION OF ANY ELECT	RICAL ITEM IN THE DRAWINGS OR SPECIFICATIONS FOR ELECTRICAL
TO FURNISH, INSTALL AND C	CONNECT THE ITEM AS PART OF THE ELECTRICAL WORK REGARDLES
SPECIFICALLY STATED TO D	O SO.
17. IT SHALL BE UNDERSTO	OD THAT THE SPECIFICATIONS AND DRAWINGS FOR ELECTRICAL WOR
TAKEN TOGETHER FOR A CO	MPLETE INTERPRETATION OF THE ELECTRICAL WORK, EXCEPT THAT
REFER TO AN INDIVIDUAL EL	LEMENTS OF WORK, TAKE PRECEDENCE OVER THE SPECIFICATIONS W
18. THE ELECTRICAL CONTR	ACTOR SHALL BE PERMITTED TO INSPECT THE CONDITIONS AT THE
TO INSPECT EXISTING CONDI	TIONS OR TO FULLY UNDERSTAND THE WORK WHICH IS REQUIRED SH
CONTRACTOR FROM HIS/HER	OBLIGATIONS TO FURNISH AND INSTALL THE WORK IN ACCORDANCE
CONTRACT DRAWINGS AND L	UNDER ALL SITE CONDITIONS AS THEY EXIST.
19. IN SPACES WITHIN SUSP	ENDED CEILINGS UTILIZED AS RETURN AIR PLENUMS, ALL WIRING SY
RACEWAYS OR SHALL BE UL	. APPROVED FIRE RATED PLENUM CABLE.
20. ALL MATERIALS SHALL	BE NEW AND SHALL BEAR THE UL LABEL.
21. THE INSULATION OF EAC CODE REQUIREMENTS.	LH WIRE OR CABLE SHALL BE COLOR CODED, AS PER THE 120/208V (
22. QMQB DISTRIBUTION SW SWITCHES.	ITCHES SHALL BE NEMA TYPE HEAVY DUTY (GENERAL DUTY WHERE
23. THE HVAC CONTRACTOR	SHALL PROVIDE MAGNETIC MOTOR STARTERS WHERE INDICATED FO
AUXILIARY CONTACTS IN MO	TOR STARTERS WHERE REQUIRED FOR INTERLOCKING PURPOSES.
24. THE GENERAL CONTRACT	TOR SHALL BE RESPONSIBLE FOR ALL CUTTING, PATCHING OR CORIN
REQUIRED FOR THE INSTALL	ATION OF ANY ELECTRICAL WORK.
25. PROVIDE A TEMPORARY	LIGHTING AND POWER SYSTEM THROUGHOUT THE SPACE FOR USE D
THE EXISTING PANELBOARDS	FOR THE TEMPORARY FEED POINT. PROVIDE ALL EQUIPMENT THAT
PANELS, ETC. REMOVE ALL	TEMPORARY WIRING, FIXTURES AND OUTLETS AT THE TERMINATION
GENERAL CONTRACTOR SHAL	L PAY FOR ALL ENERGY CONSUMED DURING THE CONSTRUCTION PER
26. THE GENERAL CONTRACT	TOR SHALL X-RAY THE SLAB BEFORE CUTTING OR CORING ANY EXIS
27. THE ELECTRICAL CONTR	ACTOR SHALL BE RESPONSIBLE FOR THE DEMOLITION AND REMOVAL
THE DESIGNATED RENOVATE	D AREAS UNLESS SPECIFICALLY NOTED OTHERWISE. COORDINATE ALL
ARCHITECT BEFORE COMMEN	CING WORK.
20. OUTLETS OR DEVICES M 29. THE GENERAL CONTRACT	TOR SHALL BE RESPONSIBLE FOR REMOVING AND RE-INSTALLING ALL
THE ELECTRICAL CONTRACTOR	OR TO PERFORM HIS/HER WORK.
30. ALL DRY TYPE TRANSFO	ORMERS SHALL BE VENTILATED TYPE AND SHALL BE TP-1 RATED.
31. ALL WIRING DEVICES SH THEIR ASSOCIATED WALLPLA	ALL HAVE THEIR PANELBOARD ORIGIN AND CIRCUIT NUMBERS STAMF
32. PANELBOARDS SHALL BI	E OF BOLT-ON CONSTRUCTION WITH EQUIPMENT GROUND BAR AND T
33. ALL NEW FIRE ALARM D	DEVICES SHALL BE AS MANUFACTURED BY THE EXISTING FIRE ALARM

SHALL BE CAREFULLY EXAMINED

ED TO COMPLETE ALL WORK BE LIMITED TO, THE

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- , MUNICIPAL AND OTHER
- ORDINANCES AND CODES
- DF ACCEPTANCE OF THE WORK. DRAWINGS" CATALOG CUTS
- COORDINATE ANY EXPOSED CEILINGS OR RUN WITHIN STUD RECEPTACLES CIRCUITS SHALL BE
- (HHW FOR FEEDERS, MINIMUM STRANDED COPPER FOR #8 AWG
- 6 WHERE THEY ARE REQUIRED
- \$ SIDE WIRED. NEMA 5-20R, GRADE WHITE IN COLOR.
- AND SHALL COMPLY WITH 2017
- THE ARCHITECT TO SHOW THE ARCHITECT, ANY DEFECTS
- AWINGS SHALL BE MADE UP AND ISK AND ONE SET OF
- PERPENDICULAR OR PARALLEL
- HAT THE INDICATION AND/OR RRIES WITH IT THE INSTRUCTION THER OR NOT IT IS
- OMPLIMENTARY AND ARE TO BE ONS ON THE DRAWINGS, WHICH EY CONFLICT WITH SAME.
- HE/SHE SO DESIRES. FAILURE EXCUSE THE ELECTRICAL ESE SPECIFICATIONS AND THE
- UST EITHER BE RUN IN METALLIC
- OV 2017 NATIONAL ELECTRIC
- ESS) HORSEPOWER RATED
- NICAL EQUIPMENT. PROVIDE
- L AND FLOOR SURFACES
- E CONSTRUCTION PERIOD. USE REQUIRED INCLUDING METERING, CONSTRUCTION PERIOD. THE
- CRETE SLABS OR SURFACES. EXISTING ELECTRICAL WORK IN FO BE DEMOLISHED WITH THE
- RIATE BOXES.
- G CEILING TILES REQUIRED FOR
- APED ON THE BACKSIDE OF
- CUIT DIRECTORIES.
- CTURER.
- HE COMPLETION OF THE WORK N.

LIGHT FIXTURE SCHEDULE									
MOUNTING FLUORESCENT				INCANDESCENT/HID E>				T	LANDSCAPE
RECESSED			FR		R XR				LR
CEILING/SURFACE		FC		<u>с</u>		XC		LC	
WALL FW PENDANT/SUSPENDED/POLE EP		FN FP		 					
	TRACK		FT		Ť				LT
TYPE	DESCRIPTION		MANUFACTURER \$ CATALOG NO.		LAP NO.	1PS TYPE	INF VOLTS	NUT WATTS	REMARKS
FR	2X4 3/L RECESSED STATIC INDIRECT/DIRECT FLUORESCENT FIXTURE W/ PERF BASKET	FOC. FLU:	AL POINT LIGHTING # 24B3T8S277GPSEQWH		3-32W	F <i>0</i> 32T8 835 ALTO	277	90	SEE NOTES #21,22,24,26,27
FRA	SAME AS TYPE "FR" EXCEPT WITH INTEGRAL EMERGENCY BATTERY	FOC. FLU:	AL POINT LIGHTING # 24B3T8S277GPSEQWH-EN	71300	3-32W	F <i>0</i> 32T8 835 ALTO	277	90	SEE NOTES #21,22,23,24,26,27
FRI	2X2 3/L RECESSED STATIC INDIRECT/DIRECT FLUORESCENT FIXTURE W/ PERF BASKET	FOC. FLU:	AL POINT LIGHTING # 22B3T8S277GPSEQWH		3-17W	F017T8 835 ALTO	277	49	SEE NOTES #21,22,24,26,27
FRIA	SAME AS TYPE "FRI" EXCEPT WITH INTEGRAL EMERGENCY BATTERY	FOC. FLU:	AL POINT LIGHTING # 22B3T8S277GPSEQWH-EN	11300	3-17W	F017T8 835 ALTO	277	49	SEE NOTES #21,22,23,24,26,27
XW XC XP	SINGLE FACE UNIVERSAL MOUNT ILLUMINATED LED EXIT SIGN WITH INTEGRAL EMERGENCY BATTERY	DUA EVEI	L LITE # JRWE		LED	LED	120 277	2.9	PROVIDE DIRECTIONAL ARROWS AS INDICATED
XWI XCI XPI	DUAL FACE UNIVERSAL MOUNT ILLUMINATED LED EXIT SIGN WITH INTEGRAL EMERGENCY BATTERY	DUA EVEI	L LITE # JRWE		LED	LED	120 277	2.9	PROVIDE DIRECTIONAL ARROWS AS INDICATED
XW2	SINGLE FACE WALL MOUNTED LED EXIT SIGN WITH EMERGENCY BATTERY AND DUAL HEADS	DUA LTUI	L LITE # RW303L		LED	LED	120	5.3	PROVIDE DIRECTIONAL ARROWS AS INDICATED
XW2A	SINGLE FACE WALL MOUNTED LED EXIT SIGN WITH EMERGENCY BATTERY AND NO HEADS	DUA EVEI	L LITE # JRWE	LED	LED	120 277	5.3	PROVIDE DIRECTIONAL ARROWS AS INDICATED	

 PIXTURE SCHEDULE TO SET À STANDARD OF GUALITY FOR THE LIGHTING FIXTURES SUBSTITUTION OF LIGHTING PIXTURES, BOAL DE ALLOWED WHEN THE SUBSTITUTED PIXTURES, BOAL DE ALLOWED AND ARE APROVED BY THE BISINEER. FIXTURES WITH LAMPS OR ARRAYS SPECIFIED AS & FOOT IN LENGTH MUST BE PROVIDED AS SPECIFIED AS & FOOT IN LENGTH MUST BE PROVIDED AS SPECIFIED. SUBSTITUTION OF TWO TANDER FOOT LAMPS IN LEUG OF & FOOT LAMP WILL NOT BE ACCEPT ALLOWED WITH ADVITED OF & FOOT LAMP WILL NOT BE ACCEPT ALLOWED WITH A WHITE COVERED OUTER INSULATING PVC JACKET WITH NO VISIBLE MARKINGS. ALL PROVERS SHALL BE COL DISTORING DISTORTION ALLOWER CLIPS AT ALL PIXTURE JOINTS. ALL PIXTURES MONTED IN AREAS SPECATING CADDITIONED AND UNCONDITIONED SPACES SHALL BE IC LABELED ALL PIXTURES MONTED IN AREAS SPECATING COMPLIANCE WITH NEXT COVES SHALL BE FIELD THEASURED AND THE MARKING CUSTORTION THEASURED AND THE MARKING CUSTOR SHALL BE FIELD THEASURED AND THE MARKING CUSTOR SHALL BE COM MERCURY T.C.L.P. COMPLIANT. ALL FIVTURES EQUIPPED NITH EARTHOLIASY CUSTORTION THETHER SHALL ALSO BE EQUIPPED NITH INTEGRAL TEST SHALL BE COMPEDED NITH EARTHOLIASE OF SUPPORT. ALL FIVTURES EQUIPPED NITH INTEGRAL EMERGENCY BACKUP BATTERIES SHALL ALSO BE EQUIPPED NITH ALCEDS HAND HOLE FOR ROUTINE MAINTERS WHEN AN LED ENDO-OLIFE INDICASE THAT ARA ALCED AT THE ACCESS HAND HOLE FOR ROUTINE MAINTERS WHEN ALLE ENDO-OLIFE INDICASE THAT ARA ALCED FOR ROUTED AND HAND ALLE FOR ROUTINE MAINTER SURGE PROVIDED WITH ALUMINARE SURGE PROTECTOR SHALL BE PROVIDED ANTH A LUMINARE SURGE PROTECTOR ROUTINE MAINTER SURG	 LIGHT FIXTURE SCHEDULE NOTES 1. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL LIGHTING FIXTURES COMPLETE WITH MOUNTING ACCESSORIES TO MEET JOB CONDITIONS. 2. THE ELECTRICAL CONTRACTOR SHALL VERIFY FIXTURE MOUNTING AND EXACT LOCATIONS AGAINST ARCHITECTS REFLECTED CEILING PLANS, ELEVATIONS AND DETAIL DRAMINGS. 3. SERIES FIXTURES SHALL BE LENGTH AS SHOWN ON DRAWINGS. 4. FIXTURE HEITTERS SHOWN OKCE ON A CONTINUOUS ROW OF FIXTURES SHALL BE TYPICAL FOR THAT ROW UNLESS OTHERWISE NOTED. 5. ALL FIXTURES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE, INDEPENDENT OF HUNG CEILING. 6. ZACT LOCATIONS AND MOUNTING HEIGHTS OF ALL FIXTURES SHALL BE CONFIRMED WITH THE ARCHITECT PRIOR TO ROUGHING IN. 7. INFORMATION LISTED IN THE SECOND COLUMN OF THE FIXTURE SCHEDULE ABOVE SIST SHE GENERAL DESCRIPTION OF EACH FIXTURES SHALL BE SUPPORTED THE STANDARD OF GULAIN OF THE FIXTURE SCHEDULE SETS THE GENERAL DESCRIPTION OF EACH FIXTURES MOUNTED UNDER THEN NOTIFY THE ENGINEER BEFORE ORDERING SAID FIXTURE. 8. ALL LIGHTING FIXTURES MOUNTED WER OPEN NOOD DISPLAYS OR CASES SHALL BE EQUIPPED WITH LENESS OR THE LAMPS SHALL BE FITTED WITH PROTECTIVE TUBE GUARDS. 9. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR AMINIC RA DJUSTING ALL DIRECTIONALLY ORIENTED FIXTURES AT THE COMPLETION OF THE PROJECT AS PER THE ENGINEER STRUCTION. 10. ALL LIGHTING FIXTURES MOUNTED OVER OPEN FOOD DISPLAYS SHALL BE FITTED WITH PROTECTIVE TUBE GUARDS. 9. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR AMINIC RA DJUSTING ALL DIRECTIONALLY ORIENTED FIXTURES AT THE COMPLETION OF THE PROJECT AS PER THE ENGINEERS' DIRECTION. 10. ALL LIGHTING FIXTURES MOTED OTHERWISE. 11. ALL INDIVIDUALLY MOUNTED AND GROUP OR PATTERN MOUNTING HEIGHTS AS INDECOTOL OF THERMISE. 12. MANUFACTURES SHALL BE EQUIPPED WITH LINDABLE O-IOV DRIVERS UNLESS NOTED OTHERWISE. 13. ALL INDIVIDUALLY MOUNTED AND GROUP OR PATTERN MOUNTING HEIGHTS AS IND	Barn to Office Conversion for SAU 41 4 LUND LN, HOLLIS, NH
LENGTH MUST BE PROVIDED AS SPECIFIED. SUBSTITUTION OF TWO TANDER 4 PROVIDED AS SPECIFIED. SUBSTITUTION OF INKO TANDER CABLE CORE DROPS TO SUSPENSION MOUNTED STRAIGHT CABLE WITH A WHITE COVERED OUTER INSULATING PVC JACKET WITH NO VISIBLE MARKINGS. 15. FOR ALL FIXTURES EQUIPPED WITH REFLECTORS, PROVIDE ALIGNER CLIPS AT ALL FIXTURES INSTALLED IN AREAS SEPERATING CONDITIONED AND UNCONDITIONED SPACES SHALL BE IC ABELED. 17. ALL ED DRIVERS SHALL BE UL LISTED AND COMPLY WITH ALL FCC AND NETAL LED IS STALLED IN AREAS SEPERATING CONDITIONED AND UNCONDITIONED SPACES SHALL BE IC ABELED. 18. ALL RECESSED GRID CEILING MOUNTED LIGHTING FIXTURES SHALL BE LESS THAN 20% AND GREATER THAN 10%. CREET FACTORS SHALL BE LESS THAN 20% AND POWER FACTOR SHALL BE RESS THAN 16.4 NO POWER FACTOR SHALL ALSO RE SHALL BE FIELD INCOMPED INT VERSE SHALL BE LESS THAN 16.4 NO POWER FACTOR SHALL ALSO DE EQUIPPED WITH INTEGRAL ENTRY SHALL BE FOUNDED INCOMED LIGHTING FIXTURES SHALL BE FOUNDED INT AND FOLSE THAT ARE IN COMPLIANCE WITH NECK. 40.036 WITH AND FOWER FACTOR SHALL ALSO DE EQUIPPED WITH INTEGRAL TEST SHICHES SHALL ALSO DE MOUNTED, GROUND MOUNTED OR BOLLARD TYPE LIGHTING FIXTURES SHALL BE TROM THE ILLUMINATE SURGE FORTECTOR (LSP) DEVICE THE LSP PROVIDED WITH A LUMINARE SURGE PROTECTOR (LSP) DEVICE THE LSP PROVIDED WITH A CHECKED BY: CMM CHECKED BY: REGOVER SHALL BE PROVIDED WITH A LED EDD-OF-LIFE DIVICES SHALL BE LOCATED AT THE ACCESS HAND HOLE FOR PROUNTS # E0.3-20KA WITH AN LED EDD-OF-LIFE DIVICES SHALL BE DOCARE DAW. 24. ALL EXTERIOR BUILDING MOUNTED LICHTING FIXTURES SHALL BE PROVIDED WITH A LIMINARE SURGE PROTECTOR (LSP) DEVICE THE LSP DEVICES SHALL BE LOCATED AT AN ACCESSIBLE L	 12. MANUFACTURERS AND CATALOG NUMBERS ARE LISTED IN THE FIXTURE SCHEDULE TO SET A STANDARD OF QUALITY FOR THE LIGHTING FIXTURES, SUBSTITUTION OF LIGHTING FIXTURES WILL BE ALLOWED WHEN THE SUBSTITUTED FIXTURE(S) EQUAL OR EXCEED THE AESTHETIC AND PERFORMANCE CHARACTERISTICS OF THE LIGHTING FIXTURE(S) SPECIFIED, AND ARE APPROVED BY THE ENGINEER. 13. FIXTURES WITH LAMPS OR ARRAYS SPECIFIED AS 8 FOOT IN 	
 ALL RECESSED FIXTURES INSTALLED IN AREAS SEPERATING CONDITIONED AND UNCONDITIONED SHALL BE IC LABELED. T. ALL LED DRIVERS SHALL BE UL LISTED AND COMPLY WITH ALL FCC AND NETH LIMITE TOTAL HARMONIC DISTORTION CREST FACTORS SHALL BE LESS THAN 20% AND GREATER THAN 10%. CREST FACTORS SHALL BE GREATER THAN 90%. A. ALL FIXTURES MOUNTED IN COVES SHALL BE FIELD MEASURED AND THE MAXIMUM LENGTH OF UNITS SHALL BE FROVIDED AND THE MAXIMUM LENGTH OF UNITS SHALL BE FROVIDED TO CONTINUOUSLY ILLUMINATE COVES. A. ALL FIXTURES MOUNTED IN COVES SHALL BE FIELD MEASURED AND THE MAXIMUM LENGTH OF UNITS SHALL BE FROVIDED TO CONTINUOUSLY ILLUMINATE COVES. A. ALL FIXTURES CALL CAMPLIANT. ALL FLUCRESCENT LAMPS OR LED ARRAYS SHALL BE LOW MERCURY T.C.L.P. COMPLIANTE. ALL FLUCRESCENT LAMPS OR LED ARRAYS SHALL BE LOW MERCURY T.C.L.P. COMPLIANT. ALL FLUCRESCENT LAMPS OR SUPPORT. ALL FLUCRESCENT LAMPS OR DE EQUIPPED WITH INTEGRAL EMERGENCY BACKUP BATTERIES SHALL ALSO BE EQUIPPED WITH INTEGRAL EMERGENCY BACKUP BATTERIES SHALL ALSO BE EQUIPPED WITH INTEGRAL EMERGENCY BACKUP BATTERIES SHALL ALSO BE EQUIPPED WITH INTEGRAL EMERGENCY BACKUP BATTERIES SHALL ALSO DE FORMENANT CELLINGS. ALL EXTERIOR LED POLE MOUNTED, GROUND MOUNTED OR BOLLARG TYPE LIGHTING FIXTURES SHALL BE PROVIDED WITH A LUMINAIRE SURGE PROTECTOR (LSP) DEVICES SHALL BE PROVIDED WITH A LUMINAIRE SURGE PROTECTOR (LSP) DEVICES SHALL BE THOMAS RESEARCH PRODUCTS # EDJS-20KA WITH AN LED LIGHTING FIXTURES SHALL BE PROVIDED WITH A LUMINAIRE SURGE PROTECTOR (LSP) DEVICES SHALL BE LOCATED AT AN ACCESSIBLE LOCATED AT THE ACCESSE AND HOLE FOR ROUTINE MUNTED, WITH THIN THE BUILDING, FOR ROUTINE MUNTED AUDATED, WITHIN THE BUILDING, FOR ROUTINE MAINTENANCE. LSP SHALL BE LOCATED AT AN ACCESSIBLE LOCATION JUNCTION BOX MOUNTED, WITHIN THE BUILDING, FOR ROUTINE MAINTENANCE. LSP SHALL BE LOCATED AT AN ACCESSIBLE LOCATION SUMAINTED, WITHIN THE BUILDING, FOR ROUTINE MAINTENANCE. LSP SHALL BE THOMAS RESEARCH PROVED EQ	 LENGTH MUST BE PROVIDED AS SPECIFIED. SUBSTITUTION OF TWO TANDEM 4 FOOT LAMPS IN LIEU OF 8 FOOT LAMP WILL NOT BE ACCEPTABLE. 4. ALL POWER CABLE CORD DROPS TO SUSPENSION MOUNTED FIXTURES SHALL BE DONE SO WITH 600V, #12 AWG TYPE SO STRAIGHT CABLE WITH A WHITE COVERED OUTER INSULATING PVC JACKET WITH NO VISIBLE MARKINGS. 5. FOR ALL FIXTURES EQUIPPED WITH REFLECTORS; PROVIDE ALIGNER CLIPS AT ALL FIXTURE JOINTS. 	SYSTEMS ENGINEERING, INC. ROAD, SUITE 8A H 03038 : 603.432.4255
MEASURED AND THE MAXIMUM LENGTH OF UNITS SHALL BE PROVIDED TO CONTINUOUSLY ILLUMINATE COVES. 4. ALL RECESSED GRID CEILING MOUNTED LIGHTING FIXTURES SHALL BE EQUIPPED WITH EARTHQUAKE CLIPS THAT ARE IN COMPLIANCE WITH N.E.C. 410.36 MEANS OF SUPPORT. 20. ALL FLUORESCENT LAMPS OR LED ARRAYS SHALL BE LOW MERCURY T.C.L.P. COMPLIANT. 21. ALL FIXTURES EQUIPPED WITH INTEGRAL EMERGENCY BACKUP BATTERIES SHALL ALSO BE EQUIPPED WITH INTEGRAL TEST SWITCHES THAT ARE ACCESSABLE AND VISIBLE FROM THE ILLUMINATED SPACE WITHOUT THE REMOVAL OF SUSPENDED ACOUSTICAL CEILINGS OR PERMENANT CEILINGS. 22. ALL EXTERIOR LED POLE MOUNTED, GROUND MOUNTED OR BOLLARD TYPE LIGHTING FIXTURES SHALL BE PROVIDED WITH A LUMINAIRES SHADE ACCESS SHALL BE PROVIDED WITH A LUMINAIRES SHADE ADD. FIXTURES SHALL BE PROVIDED WITH A LUMINAIRES SHALL COMPLY WITH LM74 AND LM80 TESTING STANDARDS. 23. ALL EXTERIOR LED POLE MOUNTED, GROUND MOUNTED OR BOLLARD TYPE LIGHTING FIXTURES SHALL BE THOMAS RESEARCH PRODUCTS ** EOL3-20KA WITH AN LED END-OF-LIFE INDICATOR LIGHT, OR APPROVED EQUAL. 24. ALL EXTERIOR BUILDING MOUNTED LED LIGHTING FIXTURES SHALL BE PROVIDED WITH A LUMINAIRE SURGE PROTECTOR (LSP) DEVICES THE LSP DEVICES SHALL BE COATECT AT AN ACCESSIBLE LOCATION, JUNCTION BOX MOUNTED, WITHIN THE BUILDING, FOR ROUTINE MAINTENANCE. LSP SHALL BE THOMAS RESEARCH PRODUCTS * BOP3-277-20KA-TN OR APPROVED EQUAL.	 6. ALL RECESSED FIXTURES INSTALLED IN AREAS SEPERATING CONDITIONED AND UNCONDITIONED SPACES SHALL BE IC LABELED. 7. ALL LED DRIVERS SHALL BE UL LISTED AND COMPLY WITH ALL FCC AND NEMA LIMITS. TOTAL HARMONIC DISTORTION LEVELS SHALL BE LESS THAN 20% AND GREATER THAN 10%. CREST FACTORS SHALL BE LESS THAN 1.6 AND POWER FACTOR SHALL BE GREATER THAN 90%. 8. ALL FIXTURES MOUNTED IN COVES SHALL BE FIELD 	22 MANCHESTER DERRY N T: 603.870.9009
 22. ALL LED LUMINAIRES SHALL COMPLY WITH LM79 AND LM80 TESTING STANDARDS. 23. ALL EXTERIOR LED POLE MOUNTED, GROUND MOUNTED OR BOLLARD TYPE LIGHTING FIXTURES SHALL BE PROVIDED WITH A LUMINAIRE SURGE PROTECTOR (LSP) DEVICE. THE LSP DEVICES SHALL BE LOCATED AT THE ACCESS HAND HOLE FOR ROUTINE MAINTENANCE. LSP SHALL BE THOMAS RESEARCH PRODUCTS # EOL3-20KA WITH AN LED END-OF-LIFE INDICATOR LIGHT, OR APPROVED EQUAL. 24. ALL EXTERIOR BUILDING MOUNTED LED LIGHTING FIXTURES SHALL BE PROVIDED WITH A LUMINAIRE SURGE PROTECTOR (LSP) DEVICE. THE LSP DEVICES SHALL BE LOCATED AT AN ACCESSIBLE LOCATION, JUNCTION BOX MOUNTED, WITHIN THE BUILDING, FOR ROUTINE MAINTENANCE. LSP SHALL BE THOMAS RESEARCH PRODUCTS # BSP3-277-20KA-TN OR APPROVED EQUAL. 	 PIEASURED AND THE MAXIMUM LENGTH OF UNITS SHALL BE PROVIDED TO CONTINUOUSLY ILLUMINATE COVES. ALL RECESSED GRID CEILING MOUNTED LIGHTING FIXTURES SHALL BE EQUIPPED WITH EARTHQUAKE CLIPS THAT ARE IN COMPLIANCE WITH N.E.C. 410.36 MEANS OF SUPPORT. ALL FLUORESCENT LAMPS OR LED ARRAYS SHALL BE LOW MERCURY T.C.L.P. COMPLIANT. ALL FIXTURES EQUIPPED WITH INTEGRAL EMERGENCY BACKUP BATTERIES SHALL ALSO BE EQUIPPED WITH INTEGRAL TEST SWITCHES THAT ARE ACCESSABLE AND VISIBLE FROM THE ILLUMINATED SPACE WITHOUT THE REMOVAL OF SUSPENDED ACOUSTICAL CEILINGS OR PERMENANT CEILINGS. 	Windy Hill Associates Architecture NEW BOSTON, NH 603-487-5252 REVISIONS:
	 ²². ALL LED LUMINAIRES SHALL COMPLY WITH LM74 AND LM80 TESTING STANDARDS. ²³. ALL EXTERIOR LED POLE MOUNTED, GROUND MOUNTED OR BOLLARD TYPE LIGHTING FIXTURES SHALL BE PROVIDED WITH A LUMINAIRE SURGE PROTECTOR (LSP) DEVICE. THE LSP DEVICES SHALL BE LOCATED AT THE ACCESS HAND HOLE FOR ROUTINE MAINTENANCE. LSP SHALL BE THOMAS RESEARCH PRODUCTS # EOL3-20KA WITH AN LED END-OF-LIFE INDICATOR LIGHT, OR APPROVED EQUAL. ²⁴. ALL EXTERIOR BUILDING MOUNTED LED LIGHTING FIXTURES SHALL BE PROVIDED WITH A LUMINAIRE SURGE PROTECTOR (LSP) DEVICE. THE LSP DEVICES SHALL BE LOCATED AT AN ACCESSIBLE LOCATION, JUNCTION BOX MOUNTED, WITHIN THE BUILDING, FOR ROUTINE MAINTENANCE. LSP SHALL BE THOMAS RESEARCH PRODUCTS # BSP3-277-20KA-TN OR APPROVED EQUAL. 	PROJECT # 218265E DRAWN BY: CMM CHECKD BY: RFG/JH DATE: 08/16/19 SCALE: N.T.S. LIGHTING FIXTURE

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	ELECTRIC WORK NOTE SCHEDULE OF MECHAN
(1.)	REFER TO FLOOR PLANS FOR EXACT QUANT ALL SCHEDULED EQUIPMENT SHALL BE FUR UNLESS NOTED OTHERWISE.
2.	INSERT PLUG OF EQUIPMENT INTO RECEPTA
3.	EXTEND INDICATED POWER CIRCUIT AND CO THE EQUIPMENT. WHEN THE SCHEDULED EQUIPMENT, THE FINAL PORTION OF THE PO LENGTH) SHALL BE WITH FLEXIBLE METALL
4.	LEAVE SUITABLE SLACK ON WIRES FOR POU PROVIDE SUITABLE PLATE ON OUTLET BOX
5.	PROVIDE DISCONNECT MEANS AND CONNECT BETWEEN TERMINATION OF BUILDING WIRING OF DISCONNECT MEANS AND MOUNTING LOC INSTRUCTION ISSUED BY THE MANUFACTURI
6.	PROVIDE CONTROL CIRCUIT RUN FROM EQUI RUN TO CONTAIN AN ADEQUATE NUMBER
$\left< 7. \right>$	EQUIPMENT IS PROVIDED WITH INTEGRAL D HOUSING.
8.	EQUIPMENT IS PROVIDED WITH INTEGRAL S OFF POSITION. PROVIDE NECESSARY POWER OPERATION.
(q.)	INSTALL CONTROLLER FURNISHED SEPARAT
(10.)	MOTOR IS PART OF FACTORY WIRED MULTI PACKAGE EQUIPMENT FURNISHED AND INST COMPLETE WITH INTEGRAL MOTOR STARTED TO ONE SET OF LINE TERMINALS AS SHOWN
(11.)	PROVIDE "HAND-OFF-AUTO" CONTROL IN ST
(12.)	PROVIDE WHERE INDICATED ON DRAWINGS , PILOT LIGHT.
(13.)	HVAC CONTRACTOR FURNISHES AND INSTAL MOTOR. ELECTRICAL CONTRACTOR WIRES T
(14.)	MAGNETIC MOTOR STARTER WITH "HAND" " STARTER COVER. IS FURNISHED BY ELECTR WIRED BY ELECTRICAL CONTRACTOR.
(15.)	EQUIPMENT IS PROVIDED WITH A CONTROL AND OVERCURRENT DEVICE.
(16.)	ELECTRICAL CONTRACTOR PROVIDES A DUF ONE STARTERS, CIRCUIT BREAKERS, OVERI PILOT LIGHTS, AUTOMATIC ALTERNATION C ENCLOSURE.
(17.)	MECHANICAL CONTRACTOR PROVIDES A VAN COMPLETE WITH INTERNAL OVERCURRENT D
(18.)	EACH ITEM REFERRED TO THIS NOTE IS AN EQUIPMENT TO BE RELOCATED. REFER TO INFORMATION.
(19).	UNIT IS FURNISHED WITH INTEGRAL DISCON TRANSFORMER. WIRING TO COMPONENTS PR CONTRACTOR.
20.	MECHANICAL CONTRACTOR FURNISHES A VA CONTRACTOR INSTALLS AND WIRES.
21.	PROVIDE PILOT RELAY FOR EACH DESIGNATINTERFACE WITH LOCAL AREA LIGHTING OCO MECHANICAL EQUIPMENT IN CONJUNCTION W (TYPICAL).

ELECTRIC WORK NOTES PERTAINING TO SCHEDULE OF SPECIAL EQUIPMENT

$\langle 1. \rangle$	REFER TO FLOOR PLANS FOR EXACT QUANTITIES O ALL SCHEDULED EQUIPMENT SHALL BE FURNISHED
$\langle 2. \rangle$	INSERT PLUG OF EQUIPMENT INTO RECEPTACLE.
3.	EXTEND INDICATED POWER CIRCUIT AND CONNECT THE EQUIPMENT. WHEN THE SCHEDULED EQUIPMENT MOVEMENT, THE FINAL PORTION OF THE POWER FE LENGTH) SHALL BE WITH FLEXIBLE METALLIC CONT EQUIPMENT IS SUBJECTED TO MOISTURE THE FIN, SHALL BE WITH LIQUID- TITE FLEXIBLE CONDUIT.
4 .	LEAVE SUITABLE SLACK ON WIRES FOR POWER CIR PROVIDE SUITABLE PLATE ON OUTLET BOX.
5.	PROVIDE DISCONNECTING MEANS AND CONNECTIONS SAME BETWEEN TERMINATION OF BUILDING WIRING TYPE OF DISCONNECTING MEANS AND MOUNTING LO WITH INSTRUCTION ISSUED BY THE MANUFACTURE
6.	PROVIDE CONTROL CIRCUIT RUN FROM EQUIPMENT RUN TO CONTAIN AN ADEQUATE NUMBER OF WI
7.	EXTEND INDICATED POWER CIRCUIT AND CONNECT FURNISHED AND INSTALLED BY OTHERS, WIRED BY
8.	EQUIPMENT IS PROVIDED WITH UNIT MOUNTED CON STARTERS & CONTROLLERS PROVIDE NECESSARY F EQUIPMENT OPERATION.
(9).	PROVIDE APPROPRIATE NEMA TWIST LOCK OUTLET MANUFACTURER.
$\langle 10. \rangle$	PROVIDE CIRCUIT BREAKER AS INDICATED FOR LO
	COORDINATE EXACT LOCATION OF POWER FEED EN EQUIPMENT MANUFACTURER. UTILIZE MANUFACTURE RACEWAYS TO EXTEND WIRING BETWEEN INTERCON
(12.)	PROVIDE EQUIPMENT ELECTRICAL CORD & PLUGS R MANUFACTURER.
(13.)	PROVIDE ELECTRICAL WORK AS PER DETAIL ON DI
(14.)	COORDINATE EXACT LOCATION AND MOUNTING HEIG EQUIPMENT VENDOR AND GENERAL CONTRACTOR P FOR DEVICE.
(15.)	EQUIPMENT IS FED VIA OVERHEAD CORD DROP RE DROP DETAIL.

ES PERTAINING TO NICAL EQUIPMENT

NTITIES OF ALL SCHEDULED EQUIPMENT. RNISHED AND INSTALLED BY OTHERS.

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CONNECT SAME TO THE LINE TERMINALS OF QUIPMENT IS SUBJECT TO VIBRATION OR POWER FEED (NOT TO EXCEED 48" IN LIC CONDUIT.

OWER CIRCUIT CONNECTION BY OTHERS.

TIONS AS REQUIRED TO INTERPOSE SAME NG AND LINE TERMINALS OF UNIT -- TYPE OCATION TO BE IN ACCORDANCE WITH RER OF THE UNIT.

JIPMENT STARTER TO ACTUATING DEVICE ER OF WIRES FOR PROPER OPERATION.

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STARTER AND ACTUATING DEVICE WITH R AND CONTROL WIRING FOR EQUIPMENT

TE FROM ELECTRIC WORK AS DIRECTED.

IPLE MOTOR "SINGLE LINE CONNECTION" TALLED SEPARATE FROM ELECTRIC WORK ERS. EXTEND INDICATED POWER CIRCUIT WN ON THE DRAWINGS.

STARTER COVER. A REMOTE "START-STOP" STATION WITH

ALLS A TIME CLOCK FOR CONTROL OF THE CLOCK. "OFF" "AUTO" CONTROL MOUNTED IN

TRICAL CONTRACTORS, INSTALLED AND

PANEL WITH INTEGRAL MOTOR STARTER IPLEX MOTOR CONTROLLER WITH (2) NEMA ERLOAD RELAYS, H-O-A CONTROLLER, CONTROLS IN A COMMON NEMA ONE

ARIABLE FREQUENCY DRIVE FOR MOTOR DEVICE.

N EXISTING UNIT OF MECHANICAL FLOOR PLANS FOR ADDITIONAL

NNECT AND 120/240V CONTROL PROVIDED BY THE ELECTRICAL

ARIABLE FREQUENCY DRIVE. ELECTRICAL

ATED MECHANICAL UNIT. RELAY TO CCUPANCY SENSOR TO DE-ACTIVATE WITH DE-ACTIVATION OF LOCAL LIGHTING

NTITIES OF ALL SCHEDULED EQUIPMENT. JRNISHED AND INSTALLED BY OTHERS. FACLE.

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QUIPMENT STARTER. TO ACTUATING DEVICE BER OF WIRES FOR PROPER OPERATION.

CONNECT TO ILLUMINATED SIGNAGE WIRED BY ELECTRICAL CONTRACTOR.

NTED CONTROL PANEL WITH INTEGRAL ESSARY POWER & CONTROL WIRING FOR

COUTLET AS REQUIRED BY EQUIPMENT

FOR LOCAL SHUTOFF.

FEED ENTRANCE TO EQUIPMENT WITH UFACTURER'S CASE MOUNTED ELECTRICAL INTERCONNECTED PIECES OF EQUIPMENT. PLUGS RECOMMENDED BY THE EQUIPMENT

AIL ON DRAWING E-?.

TING HEIGHT OF WIRING DEVICE WITH ACTOR PRIOR TO ROUGHING IN OUTLET BOX

DROP REFER TO DRAWING E-13 FOR CORD

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To: Andy Corey

- From: Hollis School Board Policy Committee
- RE: Policy Recommendations
- Date: August 27, 2019

The HSB Policy Committee makes the following recommendations for the September 4, 2019 School Board meeting:

Present for a *Third Reading and Adopt*:

- 1. DJ: Purchasing
- 2. DJB: Purchasing Procedures
- 3. EHAB: Data Governance and Security
- 4. BEDG: Minutes
- 5. BEDH: Public Participation at Board Meetings

Present for a *First Reading*:

- 1. JCA: Change of School or Assignment
- 2. JEC: Manifest Educational Hardship
- 3. EHB: Data/Records Retention
- 4. GADA: Employment References and Verification (Prohibiting Aiding and Abetting of Sexual Abuse) NEW POLICY

Category R

PURCHASING

The acquisition of supplies, equipment, and services will be centralized in the business office, which functions under the supervision of the Superintendent or his/her designee, and through whose office all purchasing transactions are conducted.

The Hollis School Board assigns the Superintendent the responsibility for the quality and quantity of purchases made. The prime guidelines governing this responsibility are that all purchases fall within the framework of budgetary limitations and that they be consistent with the approved educational goals and programs of the Hollis School District.

The Business Administrator shall be responsible for all phases of purchasing in accordance with Board policy; for requisitions, current order purchasing, writing of specifications for bids, deliveries, storage, and other tasks related to the purchases, acceptance and distribution of supplies.

No contract or purchase order is valid without the approval of the Business Administrator.

Legal Reference:

RSA <u>194-C</u>:4 II (a), Superintendent Services

NH Code of Administrative Rules, Section <u>303</u>.01 (b), Substantive Duties of School Boards

1st Reading: May 12, 2005 2nd Reading: August 4, 2005 Adoption: March 9, 2006

1st Reading: June 5, 2019 2nd Reading: August 7, 2019 3rd Reading & Adoption: September 4, 2019 Category O

PURCHASING PROCEDURES

Procedures for purchasing will be developed by the Superintendent or his/her designee.

Purchasing procedures will be designed to avoid assumption of risk and to ensure the best possible <u>price value</u> for the desired products and services.

These procedures will require that all purchases are made on properly approved purchase orders and that for items not put to bid, price quotations will be solicited.

Special arrangements may be made for ordering perishable and emergency supplies.

Legal References:

RSA 194-C:4 II (a), Superintendent Services

NH Code of Administrative Rules Section 303.01 (b), Substantive Duties of School Boards

1st Reading: June 5, 2019 2nd Reading: August 7, 2019 3rd Reading & Adoption: September 4, 2019

EHAB

Category: Priority/Required by Law Related Policies <u>EHAA</u>, <u>EHB</u>, <u>GBEBD</u>, <u>GBEF</u>, <u>IHBH</u>, <u>JICJ</u>, <u>JICL</u>, <u>JICM</u>, <u>KD</u>, & <u>KDC</u>

DATA GOVERNANCE AND SECURITY

To accomplish the District's mission and comply with the law, the District must collect, create and store information. Accurately maintaining and protecting this data is important for efficient District operations, compliance with laws mandating confidentiality, and maintaining the trust of the District's stakeholders. All persons who have access to District data are required to follow state and federal law, District policies and procedures, and other rules created to protect the information.

The provisions of this policy shall supersede and take precedence over any contrary provisions of any other policy adopted prior to the date of this policy.

A. Definitions

<u>Confidential Data/Information</u> - Information that the District is prohibited by law, policy or contract from disclosing or that the District may disclose only in limited circumstances. Confidential data includes, but is not limited to, personally identifiable information regarding students and employees.

<u>Critical Data/Information</u> - Information that is determined to be essential to District operations and that must be accurately and securely maintained to avoid disruption to District operations. Critical data is not necessarily confidential.

B. Data and Privacy Governance Plan - Administrative Procedures.

1. <u>Data Governance Plan</u>. The Superintendent, in consultation with the <u>one or more</u> District Information Security Officers ("ISOs") (see paragraph C, below) shall create a Data and Privacy Governance Plan ("Data Governance Plan"), to be presented to the Board no later than June 30, 2019. Thereafter, the Superintendent, in consultation with the <u>an</u> ISO, shall update the Data Governance Plan for presentation to the Board no later than June 30 each year.

The Data Governance Plan shall include:

(a) An inventory of all software applications, digital tools, and extensions. The inventory shall include users of the applications, the provider, purpose, publisher, privacy statement, and terms of use;

(b) A review of all software applications, digital tools, and extensions and an assurance that they meet or exceed minimum standards set by the New Hampshire Department of Education;

(c) Policies and procedures for access to data and protection of privacy for students and staff including acceptable use policy for applications, digital tools, and extensions used on District hardware, server(s) or through the District network(s);

(d) A response plan for any breach of information; and

(e) A requirement for a service provider to meet or exceed standards for data protection and privacy.

2. <u>Policies and Administrative Procedures</u>. The Superintendent, in consultation with the <u>an</u> ISOs, is directed to review, modify and recommend (policies) create (administrative procedures), where necessary, relative to collecting, securing, and correctly disposing of District data (including, but not limited to Confidential and Critical Data/Information, and as otherwise necessary to implement this policy and the Data Governance Plan. Such policies and/or procedures may or may not be included in the annual Data Governance Plan.

C. Information Security Officers.

The Network Administrator and the Database Manager are hereby designated as the District's Information Security Officers (ISOs) and report directly to the Superintendent or designee. The ISOs are responsible for implementing and enforcing the District's security policies and administrative procedures applicable to digital and other electronic data, and suggesting changes to these policies, the Data Governance Plan, and procedures to better protect the confidentiality and security of District data. The ISOs will work with the both District and building level administrators and Data managers (paragraph E, below) to advocate for resources, including training, to best secure the District's data.

Any <u>The other members</u> of the full technology team (the ISOs, the Assistant Superintendent of Curriculum, Instruction, and Assessment, and the Business Administrator) are the District's alternate ISOs and will assume the responsibilities of the an ISO when the ISOs are not available.

D. <u>Responsibility and Data Stewardship</u>.

All District employees, volunteers and agents are responsible for accurately collecting, maintaining and securing District data including, but not limited to, Confidential and/or Critical Data/Information.

E. Data Managers.

All District administrators are data managers for all data collected, maintained, used and disseminated under their supervision as well as data they have been assigned to manage in the District's data inventory. Data managers will monitor employee access to the information to ensure that confidential information is accessed only by employees who need the information to provide services to the District and that confidential and critical information is modified only by authorized employees. Data managers will assist the ISOs in enforcing District policies and procedures regarding data management.

F. Confidential and Critical Information.

The District will collect, create or store confidential information only when the Superintendent or designee determines it is necessary, and in accordance with applicable law. The District will provide access to confidential information to appropriately trained District employees and volunteers only when the District determines that such access is necessary for the performance of their duties. The District will disclose confidential information only to authorized District contractors or agents who need access to the information to provide services to the District and who agree not to disclose the information to any other party except as allowed by law and authorized by the District.

District employees, contractors and agents will notify the <u>an</u> ISOs or designee immediately if there is reason to believe confidential information has been disclosed to an unauthorized person or any information has been compromised, whether intentionally or otherwise. The ISOs or designee will investigate immediately and take any action necessary to secure the information, issue all required legal notices and prevent future incidents. When necessary, the Superintendent, ISOs, or designee are authorized to secure resources to assist the District in promptly and appropriately addressing a security breach as stipulated in the Data Governance Plan.

Likewise, the District will take steps to ensure that critical information is secure and is not inappropriately altered, deleted, destroyed or rendered inaccessible. Access to critical information will only be provided to authorized individuals in a manner that keeps the information secure.

All District staff, volunteers, contractors and agents who are granted access to critical or confidential information/data are required to keep the information secure and are prohibited from disclosing or assisting in the unauthorized disclosure of such confidential or critical data/information. All individuals using confidential and critical data/information will strictly observe all administrative procedures, policies and other protections put into place by the District including, but not limited to, maintaining information in locked rooms or drawers, limiting access to electronic files, updating and maintaining the confidentiality of password protections, encrypting and redacting information, and disposing of information no longer needed in a confidential and secure manner.

G. Using Online Services and Applications.

District staff members are encouraged to research and utilize online services or applications to engage students and further the District's education mission. District employees, however, are prohibited from installing or using applications, programs or other software, or online system/website until the DGT (Data Governance Team) approves the vendor and the software or service used. Before approving the use or purchase of any such software or online service, the an ISOs or designee shall verify that it meets the requirements of the law, Board policy, and the Data Governance Plan, and that it appropriately protects confidential and critical data/information. This prior approval is also required whether or not the software or online service is obtained or used without charge.

H. Training.

The ISOs will provide appropriate training to employees who have access to confidential or critical information to prevent unauthorized disclosures or breaches in security. All school employees will receive annual training in the confidentiality of student records, and the requirements of this policy and related procedures and rules.

I. Data Retention and Deletion.

The ISOs or designee shall establish a retention schedule for the regular archiving and deletion of data stored on District technology resources. The retention schedule should comply with, and be incorporated into the data/record retention schedule established under Policy <u>EHB</u> and administrative procedure <u>EHB-R</u>, including but not limited to, provisions relating to Litigation and Right to Know holds as described in Policy <u>EHB</u>.

J. Consequences

Employees who fail to follow the law or District policies or procedures regarding data governance and security (including failing to report) may be disciplined, up to and including termination. Volunteers may be excluded from providing services to the District. The District will end business relationships with any contractor who fails to follow the law, District policies or procedures, or the confidentiality provisions of any contract. In addition, the District reserves the right to seek all other legal remedies, including criminal and civil action and seeking discipline of an employee's teaching certificate.

The District may suspend all access to data or use of District technology resources pending an investigation. Violations may result in temporary, long-term or permanent suspension of user privileges. The District will cooperate with law enforcement in investigating any unlawful actions. The Superintendent or designee has the authority to sign any criminal complaint on behalf of the District.

Any attempted violation of District policies, procedures or other rules will result in the same consequences, regardless of the success of the attempt.

Legal References:

15 U.S.C. §§ 6501-6506 * Children's Online Privacy Protection Act (COPPA)
20 U.S.C. § 1232g * Family Educational Rights and Privacy Act (FERPA)
20 U.S.C. § 1232h * Protection of Pupil Rights Amendment (PPRA)
20 U.S.C. § 1400-1417 * Individuals with Disabilities Education Act (IDEA)
20 U.S.C. § 7926 * Elementary and Secondary Education Act (ESSA)
RSA 189:65 * Definitions
RSA 186:66 * Student Information Protection and Privacy
RSA 189:67 * Limits on Disclosure of Information
RSA 189:68 * Student Privacy
RSA 189:68-a * Student Online Personal Information
RSA 359-C:19-21 * Right to Privacy/Notice of Security Breach

District Policy History:

First reading: June 5, 2019 Second Reading: August 7, 2019 3rd Reading & Adoption: September 4, 2019 Category R

MINUTES

The Secretary shall keep a record of the actions of Board meetings. The Board may provide a paid transcribing secretary to record minutes of meetings. The minutes of the Board shall be maintained, filed securely, and posted online available to the public. The minutes shall include all motions and resolutions including the names of makers of motions and the results of all votes. Papers not a part of a formal motion may be omitted if they are referred to and identified by some method.

Copies of the draft minutes of a meeting shall be sent to the members of the Board before the meeting at which they are to be approved. Corrections to the minutes may be made at the meeting at which they are to be approved. Corrections shall appear in the official minutes and in the minutes of the meeting in which changes were made.

All minutes shall be kept in accordance with RSA <u>91-A</u>:2 and 3 III and will be in the custody of the Superintendent, who will make them available no later than 5 business days after the meeting to interested citizens on request. (72 hours for minutes of non-public sessions)

Legal References:

RSA <u>91-A</u>:3 III, Public Records and Meetings: Non-Public Sessions

RSA <u>91-A</u>:4 I, Public Records and Meetings: Minutes and Records available for Public Inspection

RSA <u>91-A</u>:2 II, Public Records and Meetings: Meetings Open to Public

Adoption: December 15, 2004

1st Reading; June 5, 2019 2nd Reading: August 7, 2019 3rd Reading & Adoption: September 4, 2019

Category R See Also <u>KE</u>, <u>KEB</u>

PUBLIC PARTICIPATION AT BOARD MEETINGS

The primary purpose of School Board meetings is to conduct the business of the Board as it relates to school policies, programs and operations. The Board encourages residents to attend Board meetings so that they may become acquainted with the operation and programs of the schools. All official meetings of the Board shall be open to the press and public. However, the Board reserves the right to meet and to adjourn or recess a meeting at any time. The Board also reserves the right to enter non-public session at any time, in accordance with the provisions RSA 91-A:3.

In order to assure that persons who wish to appear before the Board may be heard and, at the same time, it may conduct its meetings properly and efficiently, the Board adopts as policy the following procedures and rules pertaining to public participation at Board meetings:

Rules of Order

- 1. The Board will provide a maximum of fifteen minutes to hear public comments at the beginning of each regular Board meeting. This period may be extended by a majority vote of the Board. Additionally, the Board may include additional public comment period for specific agenda items with a time limit for public comment specified on the pertinent agenda.
- 2. Individual speakers will be allotted three minutes per person. Speakers may not relinquish allotted time to another speaker. For specific meetings and/or specific agenda items, The Board may at the outset of the public comment period increase the individual time limit for all speakers.
- 3. The Chair will recognize speakers on a first come basis.
- 4. In order to comply with the minute requirements of RSA 91-A:2, II, speakers shall identify themselves clearly for the record.
- 5. Except as otherwise provided in this policy, members of the public may offer comments on agenda items or upon any other matter of public concern directly relating to the District's school policies, programs and operations. In the interest of preserving individual privacy and due process rights, the Board requests that comments (including complaints) regarding individual employees (other than the Superintendent) or individual students be directed to the Superintendent in accord with the complaint/grievance resolution processes set forth in School Board Policies <u>KE</u> and/or KEB. Complaints regarding the Superintendent, may be made either during public comment, or directed to the School Board Chair as described in Board Policy <u>KEB</u>.
- 6. Any comments which do not adhere to the above, or which disrupt the official business of the Board may be ruled out of order by the Chair. Repeated disruption may result in the individual being asked to leave the meeting. Obscene speech, comments threatening bodily harm, or other unprotected speech will not be tolerated.
- 7. The Board Chair may terminate the speaker's privilege of address if the speaker does not follow the above rules of order. Repeated violations or disruptions may result in the intervention of law enforcement, with the potential for criminal charges.

Persons appearing before the Board are reminded that members of the Board are without authority to act independently as individuals in official matters. Thus, questions may be directed to individual Board members, but answers must be deferred pending consideration by the full Board.

With the aim of maintaining focus on the issues in discussion, it is desired that all speakers strive to adhere to ordinary norms of decorum and civility.

Legal References:

RSA 91-A:2, Meetings Open to Public

RSA 91-A:3, Non-Public Sessions

U.S. Constitution, 1st Amendment

Revised: May 2007 Revised: July 1998, November 1999, February 2004 First Reading: October 10, 2012 Second Reading: December 12, 2012 Third Reading: April 10, 2013 Approved: April 10, 2013

1st Reading: June 5, 2019 2nd Reading: August 7, 2019 3rd Reading & Adoption: September 4, 2019 Category P See Also <u>JEC</u>, <u>JFAB</u>

CHANGE OF SCHOOL OR ASSIGNMENT POLICY

In circumstances where the best interests of a pupil warrant a change of school or assignment, the Superintendent is authorized to re-assign a pupil from the public school to which he/she is currently assigned to another public school, or to approve a request from another superintendent to accept a transfer of a pupil from a school district that is not part of the SAU, under the following conditions.

The Superintendent's decision shall be based on the best interests of the pupil, as determined by the Superintendent. The Superintendent may develop administrative regulations concerning the factors that will be considered in making such a determination.

If the Superintendent determines that the best interests of the pupil warrant a reassignment, he/she may approve reassignment of the pupil to (a) another school within the same school district, (b) another school district within the same SAU, or (c) a school district in another SAU, subject to the pupil meeting the admission requirements of such school, and subject to the agreement of the superintendent of the receiving SAU.

The Superintendent's re-assignment decision shall be in writing, and shall be final and binding.

<u>Pupils reassigned under this policy will be counted in the average daily membership in residence of a given</u> pupil's resident school district. Said pupil's resident district will forward any tuition payment due to the <u>District to which the pupil was assigned.</u>

Tuition will be charged as per policy JFAB.

The cost of transportation for any pupil reassigned under this policy will be the sole responsibility of the parent/guardian.

MANIFEST EDUCATIONAL HARDSHIP CHANGE OF ASSIGNMENT

When a parent(s)/legal guardian(s) believe that an initial assignment has been made which will result in a manifest educational hardship to the pupil, said parent(s)/legal guardian(s) may seek a change of assignment in accordance with RSA <u>193</u>:3 I. and II., and Policy JEC, Manifest Educational Hardship.

Legal Reference:

RSA 193:3, III, Change of School Assignment

RSA 193:3, I. and II, Manifest Educational Hardship

RSA 193:14-a, Change of School Assignment; Duties of State Board of Education

1st Reading: October 20, 2005

2nd Reading: February 9, 2006

Adoption: March 9, 2006

Reviewed:

1st Reading: June 1, 2016

2nd Reading: July 18, 2016

3rd Reading: July 18, 2016 (Waived)

Adopted: July 18, 2016

Category P See Also JCA

MANIFEST EDUCATIONAL HARDSHIP

Resident students of the Hollis School District shall be assigned to a public school within the District by the Superintendent, or designee.

The Hollis School Board recognizes that in unusual and extraordinary circumstances, parent(s) or guardian(s) may wish to request a change of assignment to another public school. When the parent(s) or guardian(s) believe that the assignment which has been made will result in a manifest educational hardship to the student, the Board will consider these requests, according to the procedure outlined below.

PROCEDURE FOR CONSIDERATION OF A MANIFEST EDUCATIONAL HARDSHIP REQUEST

1. The parent(s) or guardian(s) shall make a written request, through the Superintendent's office, detailing the specific reasons why they believe that the current assignment constitutes a manifest educational hardship. Any such written request shall be made by the parent(s) or guardian(s) within fifteen (15) days of the assignment made by the Superintendent or designee.

2. The Board will schedule a time at a regular board meeting held within thirty (30) days of receipt of the written request of the parent(s) or guardian(s) to hear the parent(s) or guardian(s) request. At such time, the parent(s) or guardian(s)may address the Board. The Board will hear the parent(s) or guardian(s) request in non-public session, subject to the right of the parent(s) or guardian(s) to have the matter heard in non-public session under RSA 91-A:3 II. (c).

3. The parent(s) or guardian(s) of the student may use whatever information which they deem is appropriate to support their request. At a minimum, however, the parent(s) or guardians(s) must submit information demonstrating to the School Board that the current assignment is detrimental or has a negative effect on the student.

4. In determining whether the current assignment of the student constitutes a manifest educational hardship, and what the corresponding appropriate action should be (which may include, but not be limited to, assignment to a public school in another district) the Board shall consider all information given it by the parent(s) or guardian(s), the recommendations of the Superintendent, and any other information which the Board deems relevant and useful.

5. The Board reserves the legal right to make a determination on whether a given request constitutes a manifest educational hardship, and what the corresponding action should be, on a case-by-case basis.

6. The Board will render its decision in writing within fifteen (15) days after the Board meeting in which the parent(s) or guardian(s) addressed the Board, and will forward its written decision to the parents or guardians via US mail.

7. If a parent or guardian is aggrieved by the decision of the Board, he/she may appeal to the State Board of Education in accordance with the provisions of Ed 200.

<u>8. If the child is assigned to attend school in another district ("receiving district"), tuition to be paid by</u> <u>SAU 41 to the receiving district shall be computed as provided in RSA 193:4.</u> Some or all of the tuition may be waived by the Superintendent/board of the receiving district.

The cost of transportation shall be the responsibility of the parent/guardian.

Legal Reference:

RSA 91-A:3 II. (c), Non-Public Sessions

RSA <u>193</u>:3, Change of School or Assignment; Manifest Educational Hardship or Best Interest; Excusing Attendance

RSA 193:14-a, Change of School Assignment; Duties of Board of Education

NH Code of Administrative Rules, Section Ed. 320, Manifest Educational Hardship

NH Code of Administrative Rules, Section Ed. 200, Practice & Procedure

Lisbon Regional School District v. Landaff School District, 114 NH 674 (1974)

1st Reading: October 20, 2005

2nd Reading: February 9, 2006

Adoption: March 9, 2006

Reviewed:

1st Reading: June 1, 2016

2nd Reading: July 18, 2016

3rd Reading: July 18, 2016 (Waived)

Adopted: July 18, 2016

EHB

Category P See Also <u>JRA</u> and <u>GBJ</u>

DATA/RECORDS RETENTION

The Superintendent shall develop procedures for a records retention system <u>that is in compliance with RSA</u> 189:29-a and Department of Education regulations, and also addresses retention/destruction of all other records which are not subject to specific statutes.

Legal References:

RSA 189:29-a, Records Retention and Disposition

RSA 186-C:10-a Retention of Individualized Education Programs

NH Code of Administrative Rules, Section Ed. 306.04 (a) (4), Records Retention

Appendix EHB-R

1st Reading: June 2, 2005 2nd Reading: August 4, 2005 Adoption: March 9, 2006

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Category: Priority/Required by Law Related Policies: GBCD, GBJ, GCF, GDB

EMPLOYMENT REFERENCES AND VERIFICATION (PROHIBITING AIDING AND ABETTING OF SEXUAL ABUSE)

The District shall act in good faith when providing employment references and verification of employment for current and former employees.

The School District, and its employees, contractors, and agents, are prohibited from providing a recommendation of employment, and/or from otherwise assisting any school employee, contractor, or agent in obtaining a new position or other employment if he/she or the District has knowledge of, or probable cause to believe that the other employee, contractor, or agent ("alleged perpetrator") engaged in illegal sexual misconduct with a minor or student. This prohibition does not include the routine transmission of administrative and personnel files.

In addition, this prohibition does not apply if:

1. The information giving rise to probable cause has been properly reported to a law enforcement agency with jurisdiction;

2. The information giving rise to probable cause has been reported to any other authorities as required by local, state or federal law (for instance New Hampshire Division of Children, Youth and Families "DCYF"), and

3. At least one of the following conditions applies:

a. The matter has been officially closed;

b. The District officials have been notified by the prosecutor or police after an investigation that there is insufficient information for them to proceed;

c. The school employee, contractor, or agent has been charged with, and acquitted or otherwise exonerated; or

d. The case or investigation remains open and there have been no charges filed against or indictment of the school employee, contractor, or agent within four years of the date on which the information was reported to a law enforcement agency.

Legal References:

20 U.S.C. 7926(a) (§8546(a) of the Elementary and Secondary Education Act/Every Student Succeeds Act