DUST COLLECTION SYSTEM

EAST HIGH SCHOOL

2929 CHARLES STREET, ROCKFORD, ILLINOIS

JEFFERSON HIGH SCHOOL

4145 SAMUELSON ROAD, ROCKFORD, ILLINOIS



2905 Creekside Court, Suite 'B', Rockford, IL 61114 (815)-961-0504 BellesFirm@yahoo.com License No. 184-001868



GENERAL NOTES

GENERAL

DRAMINGS AND SPECIFICATIONS ARE INTENDED TO PROVIDE THE BASIS FOR PROPER COMPLETION OF THE WORK SUITABLE FOR THE INTENDED USE OF THE OWNER. ANYTHING NOT EXPRESSLY SET FORTH BUT WHICH IS REASONABLE IMPLIED OR NECESSARY FOR PROPER PERFORMANCE OF THE PROJECT SHALL BE INCLUDED.

DOCUMENTS ARE WRITTEN IN THE IMPERATIVE MODE. EXCEPT WHERE SPECIFICALLY INTENDED OTHERWISE, THE SUBJECT OF ALL IMPERATIVE STATEMENTS IS THE CONTRACTOR. FOR EXAMPLE, 'PROVIDE TILE' MEANS 'CONTRACTOR SHALL PROVIDE TILE.'

THE CONTRACTOR SHALL CHECK THE WORK AREA, BUILDING COMPONENETS, INCLUDING UTILITIES, AND SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE SITE. ALL DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING WITH ANY WORK.

BEFORE ORDERING MATERIAL OR DOING WORK, EACH CONTRACTOR SHALL BE RESPONSIBLE FOR MEASURING THE PHYSICAL DIMENSIONS OF THE SITE TO HIS NEEDS, SUFFICIENT TO EXECUTE THE WORK DESIRED BY THE OWNER. EACH CONTRACTOR SHALL DETERMINE CONTRACT LIMITS OF THE SITE IN SUFFICIENT DETAIL TO EXECUTE THE WORK DESIRED BY THE OWNER. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF HIS MEASUREMENTS. MEASUREMENTS GIVEN ON THE DRAWINGS ARE FOR REFERENCES ONLY.

THE USER OF THESE DRAWINGS AGREES TO HOLD THE ARCHITECT HARMLESS FOR ANY RESPONSIBILITY IN REGARD TO CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES AND FOR ANY JOBSITE SAFETY PRECAUTIONS AND PROGRAMS. FURTHER THE USER OF THESE DRAWINGS SHALL HOLD THE ARCHITECT HARMLESS FOR COST AND PROBLEMS ARISING FROM NEGLIGENCE OF CONTRACTOR, SUBCONTRACTOR, TRADESMEN, OR WORKMEN. THE USE OF THESE DRAWINGS ALSO IMPLIES THAT THE ARCHITECT SHALL TAKE NO RESPONSIBILITY FOR THE PLANNED USER'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE DRAWINGS CONTRACT

DO NOT SCALE DRAWINGS. USE FIGURED DIMENSIONS. LARGE SCALE DRAWINGS AND DETAILS TAKE PRECEDENCE OVER SMALL SCALE DRAWINGS.

CUT STONE

STEEL OR IRON

STUD WALL OR PARTITION

ALL LABOR, MATERIALS, AND CONSTRUCTION SHALL COMPLY AND CONFORM WITH ALL RULES, REGULATIONS, CODES AND ORDINANCES OF ALL FEDERAL. STATE AND LOCAL AUTHORITIES HAVING JURISDICTION OVER THE WORK, INCLUDING THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) AND THE AMERICAN WITH DISABILITIES ACT (ADA).

THE CONTRACTOR SHALL INCLUDE ALL LABOR, MATERIALS AND EQUIPMENT FOR ALL WORK SHOWN OR SPECIFIED, INCLUDING TEMPORARY FACILITIES,

THE CONTRACTOR SHALL KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIAL AND RUBBISH AND AT THE COMPLETION OF THE WORK, SHALL REMOVE FROM THE PREMISES ALL RUBBISH, IMPLEMENTS AND SURPLUS MATERIALS AND LEAVE THE BUILDING BROOM - CLEAN.

WORK NOT INDICATED IN ANY PART OF THESE DRAWINGS, BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES SHALL

THE GENERAL CONTRACTOR AND ALL SUB-CONTRACTORS, EACH AS HIS TRADE APPLIES, SHALL BE RESPONSIBLE FOR INTERPRETATIONS, CLARIFICATIONS, RECONCILIATION OF CONTRADICTIONS, OR INSUFFICIENT INFORMATION OR SHALL SUBMIT DETAILS TO THE ARCHITECT PRIOR TO CONSTRUCTION. WHERE CONTRADICTIONS OCCUR (FOR BIDDING PURPOSES, THE ITEM REQUIRING THE GREATER LABOR OR MATERIAL SHALL GOVERN.

EACH CONTRACTOR SHALL REVIEW THE DRAWINGS OF OTHER TRADES TO VERIFY SPACES IN WHICH THEIR WORK WILL BE INSTALLED WILL BE CLEAR OF OBSTRUCTIONS. WHERE THERE IS EVIDENCE THAT WORK WILL INTERFER WITH OTHER CONTRACTORS, EACH SHALL ASSIST IN WORKING OUT SPACE CONDITIONS FOR SATISFACTORY ADJUSTMENTS.

CONTRACTOR SHALL MAINTAIN ONE (I) COMPLETE MARKED UP SET OF "AS-BUILT" PROJECT PRINTS DURING CONSTRUCTION. CONTRACTOR SHALL SUBMIT "AS-BUILTS" FOR REVIEW BY ARCHITECT AND ENGINEER AS REQUESTED. AT COMPLETION OF PROJECT, THE CONTRACTOR SHALL PROVIDE TWO (2) SEPARATE SETS OF REPRODUCIBLES OF THESE "AS-BUILT" PRINTS. ONE (I) SET FOR THE OWNER, AND ONE (I) SET FOR THE ARCHITECT CONTRACTOR SHALL RETAIN COPY OF THE PROJECT FOR HIS RECORDS.

Α

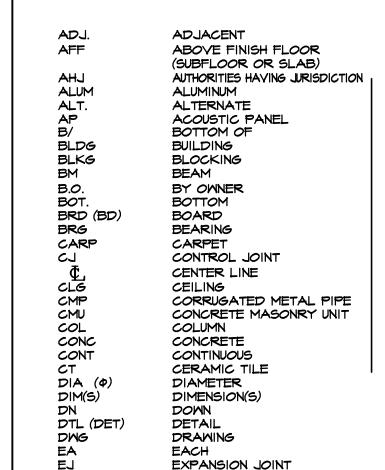
NAME #

LOOSE OR BATT INSULATION

PLASTER OR DRYWALL

_ | _ STRUCTURAL STEEL

ABBREVIATIONS



ELECTRIC(AL)

2012 ICC [IFC] INTERNATIONAL FIRE CODE

2014 IDPH [IPC] ILLINOIS PLUMBING CODE

2015 ICC [IMC] INTERNATIONAL MECHANICAL CODE

2014 NFPA 70 [NEC] NATIONAL ELECTRICAL CODE

ELECTRIC WATER COOLER FLOOR DRAIN FIRE EXTING., BRACKET MOUNTED FIRE EQUIPMENT CABINET FIXTURE FNDN FOUNDATION FACE OF WALL FIBERGLASS REINFORCED GYPSUM BASE BOARD GYP BD (GWB) GYPSUM WALL BOARD HEADER HARDWARE HOLLOW METAL HORIZ HORIZONTAL INTERIOR DIMENSION

INCLUDING

INTERIOR

LAVATORY

TAIOL

INSULATION

EQUIPMENT

EXIST (EX)

MECHANICAL MEDIUM DENSITY FIBERBOARD MANUFACTURER MASONRY OPENING MFGR(MFR) MANUFACTURER NOT IN CONTRACT NOT TO SCALE ON CENTER OUTSIDE DIMENSION OVERHEAD OPPOSITE HAND P (PNT) (PTD PAINT(ED) PLUS OR MINUS REMOVE THIS ITEM

LONG LEG HORIZONTAL

LONG LEG VERTICAL

LINEAR FOOT

LEFT HAND

PLYWOOD

RISERS

MECH.

M.O. MTD MTL (MET)

NTS

OPNG OPP HND

PLYMD

STAINLESS STEEL SS GLASS SINGLE STRENGTH STRUCTURAL SUSPENDED SEALED CONCRETE TONGUE & GROOVE TEMPERED TERRAZZO THICK THROUGH TYPICAL UNDERGROUND UNDERWRITER'S LABORITORIES UNLESS NOTED OTHERWISE VERTICAL VERIFY IN FIELD VENEER PLASTER VENT THRU ROOF VINYL WALL COVERING WATER CLOSET

WATER RESISTANT

GYPSUM WALL BOARD

ROUGH OPENING

SQUARE FOOT

SOLID CORE

5 CONC

T & G

THRU TYP

VERT V.I.F.

_wrR□B C BELLES

SEALS

Rob C. Belles 07-01-2016 DATE: EXPIRES: 11-30-2016

PROFESSIONAL DESIGN FIRM ARCHITECT CORPORATION 184-001868

STATEMENT OF COMPLIANCE

I have prepared, or caused to be prepared under my direct supervision, the attached plans and specifications and state that, to the best of my knowledge and belief and to the extent of my contractual obligation, they are in compliance with the Environmental Barriers Act [410 ILCS 25] and the Illinois Accessibility Code (71 III. Adm. Code 400).

SHEET INDEX MATERIAL INDICATIONS GRAPHIC SYMBOLS CODE DATA SHEET | DESCRIPTION BUILDING ROUGH WOOD TYPE OF PROJECT: RENOVATION EAST HIGH SCHOOL NO CHANGE IN USE GRAVEL OR SAND FILL FINISH WOOD TYPE OF CONSTRUCTION: CONCRETE USE GROUP CLASSIFICATION: E (EDUCATIONAL) LIGHT WEIGHT CONCRETE NON-SEPARATED BRICK MASONRY _____ - ___ ELEVATION MARK ACOUSTICAL TILE FIRE SUPPRESSION SYSTEM: NONE REINFORCING BARS (END) LAMINATED BEAM DOOR NUMBER **BUILDING CODES** REINFORCING BARS (SIDE) ----VAPOR BARRIER 2012 ICC [IBC] INTERNATIONAL BUILDING CODE WALL TYPE 1997 CDB [IAC] ILLINOIS ACCESSIBILITY CODE (APRIL 24, 1997) CONCRETE BLOCK RIGID INSULATION 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN 2015 ICC [IECC] INTERNATIONAL ENERGY CONSERVATION CODE

INTERIOR ELEVATION

ROOM NAME/NUMBER

ROOM NUMBER/CEILING HEIGHT

ALL CONTRACTORS AND SUB-CONTRACTORS, EACH AS HIS OWN TRADE

ACCESSIBILITY CODE, AND THE FEDERAL AMERICANS WITH DISABILITIES

RESPONSIBLE FOR RECONCILIATION OF CONTRADICTIONS OR INCOMPLETE

APPLIES, SHALL BE RESPONSIBLE FOR ACQUAINTING HIMSELF WITH THE

ANSI AII7.I, THE STATE OF ILLINOIS CAPITAL DEVELOPMENT BOARD

ACT, AND SHALL BE RESPONSIBLE FOR COMPLYING WITH THESE

STANDARDS AS THEY APPLY TO WORK UNDER CONTRACT. ALL

WHETHER SHOWN ON PLANS OR NOT.

SUB-CONTRACTORS, EACH AS HIS OWN TRADE APPLIES, SHALL BE

INFORMATION PERTAINING TO THE ABOVE REFERENCED STANDARDS

KEY PLAN, EQUIPMENT APRON PLAN, APRON DETAILS, FENCE DETAIL, WINDOW ELEVATION, AND DUCT SUPPORT DETAIL

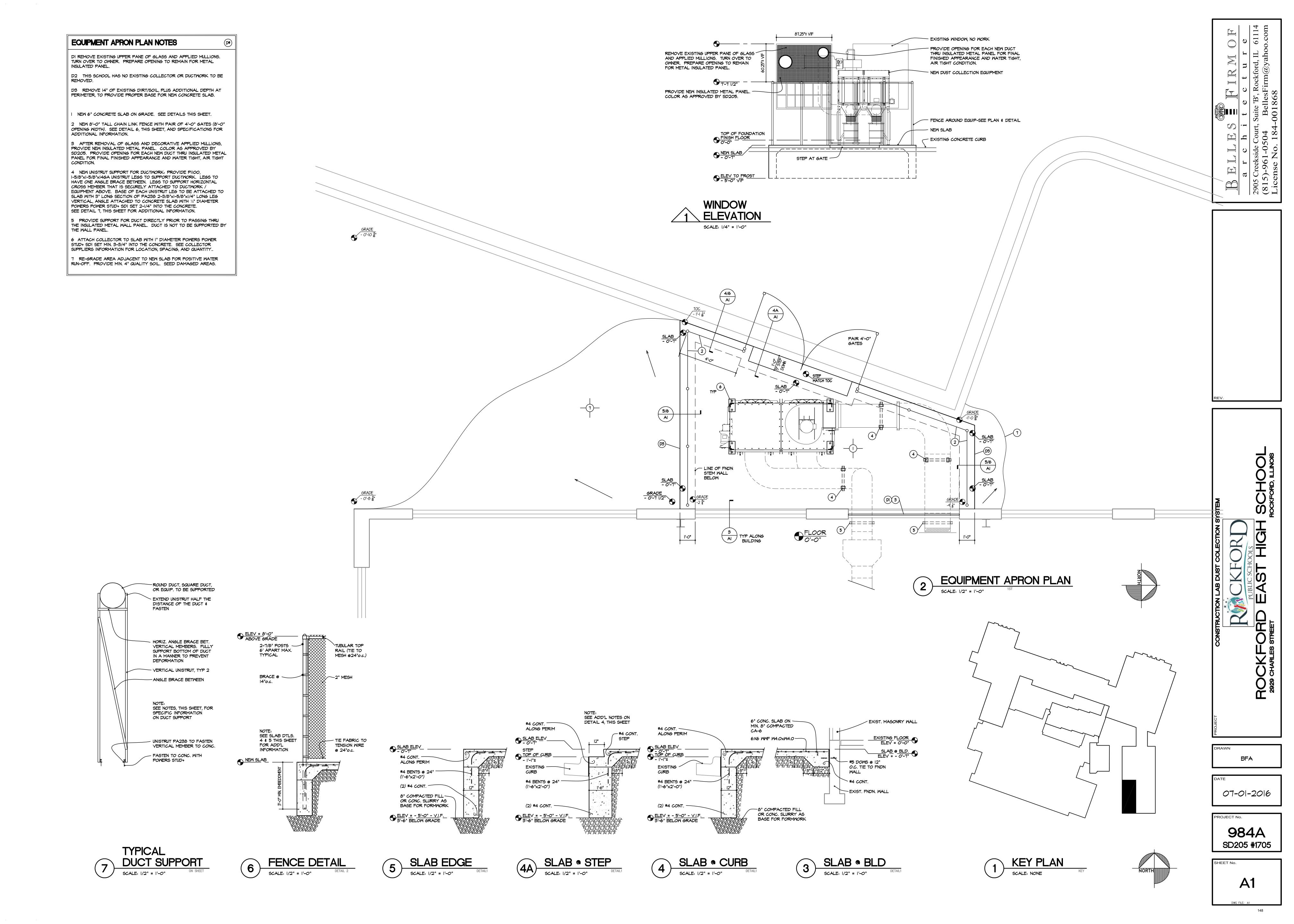
MECHANICAL PLAN, DUCTMORK LAYOUT ELEVATION, OWNER'S EQUIPMENT SCHEDULE, AND PANEL SCHEDULE

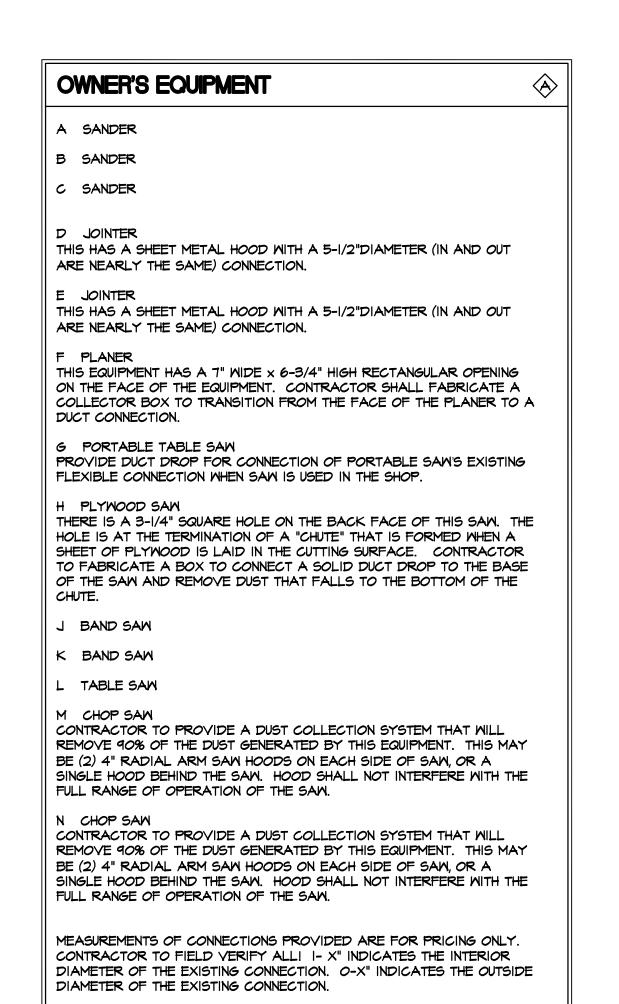
PHOTOS OF OWNER'S EQUIPMENT FOR REFERENCE ONLY

JEFFERSON HIGH SCHOOL KEY PLAN, DEMOLITION PLAN, REVISED PLAN, SLAB DETAILS. AND DUCT SUPPORT DETAIL

MEI.I MECHANICAL PLAN, DUCTWORK LAYOUT ELEVATION, AND OWNER'S EQUIPMENT SCHEDULE

ME2.1 PHOTOS OF OWNER'S EQUIPMENT FOR REFERENCE ONLY PHOTOS OF OWNER'S EQUIPMENT FOR REFERENCE ONLY





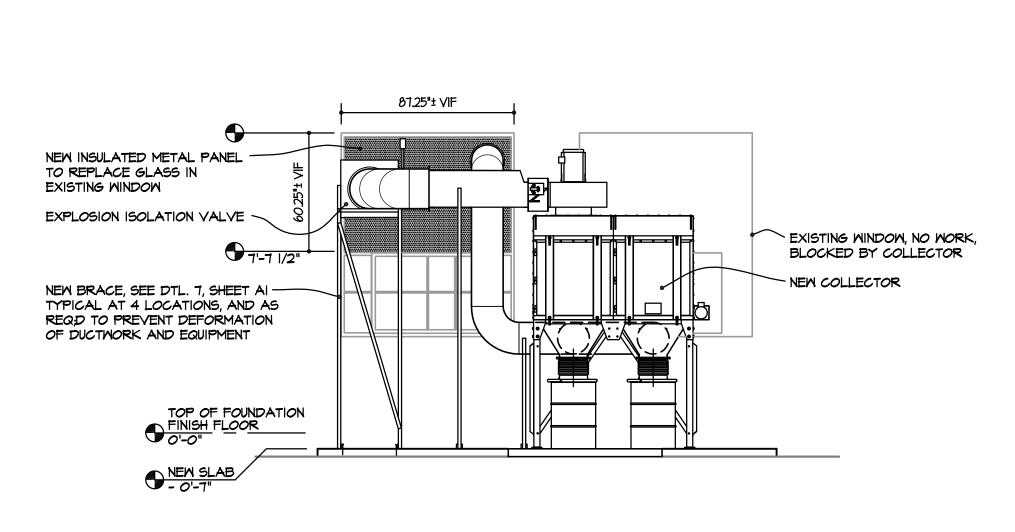
COLLECTION EQUIPMENT	A
A 5,000 CFM SELF-CONTAINED DUST COLLECTOR WITH MIN. (2) 55 GALLON DRUM COLLECTION. EQUAL TO UAS MODEL SDC 700 WITH UA MODEL SFI5DD FAN.	\ S
B FAN OUTLET SILENCER CAPABLE OF LIMITING NOISE OUTPUT TO 80dBA, or less.	
C NO RETURN VALVE EXPLOSION ISOLATION VALVE AND CONTROL PANEL FOR SYSTEM SHUT DOWN, DUST LEVEL, AND POWER INTEGRATION	ON.

D SUPPLY GRILLE ON END OF DUCT: INDUSTRIAL ROUND DIFFUSER,

STEEL, EQUAL TO CARNES MODEL SSDB.

MECHANICAL PLAN NOTES

MI PROVIDE 5" BLEED-IN DUCT TO ACCOMMODATE EXTRA/FUTURE CAPACITY OF THE 5,000CFM SYSTEM SPECIFIED.



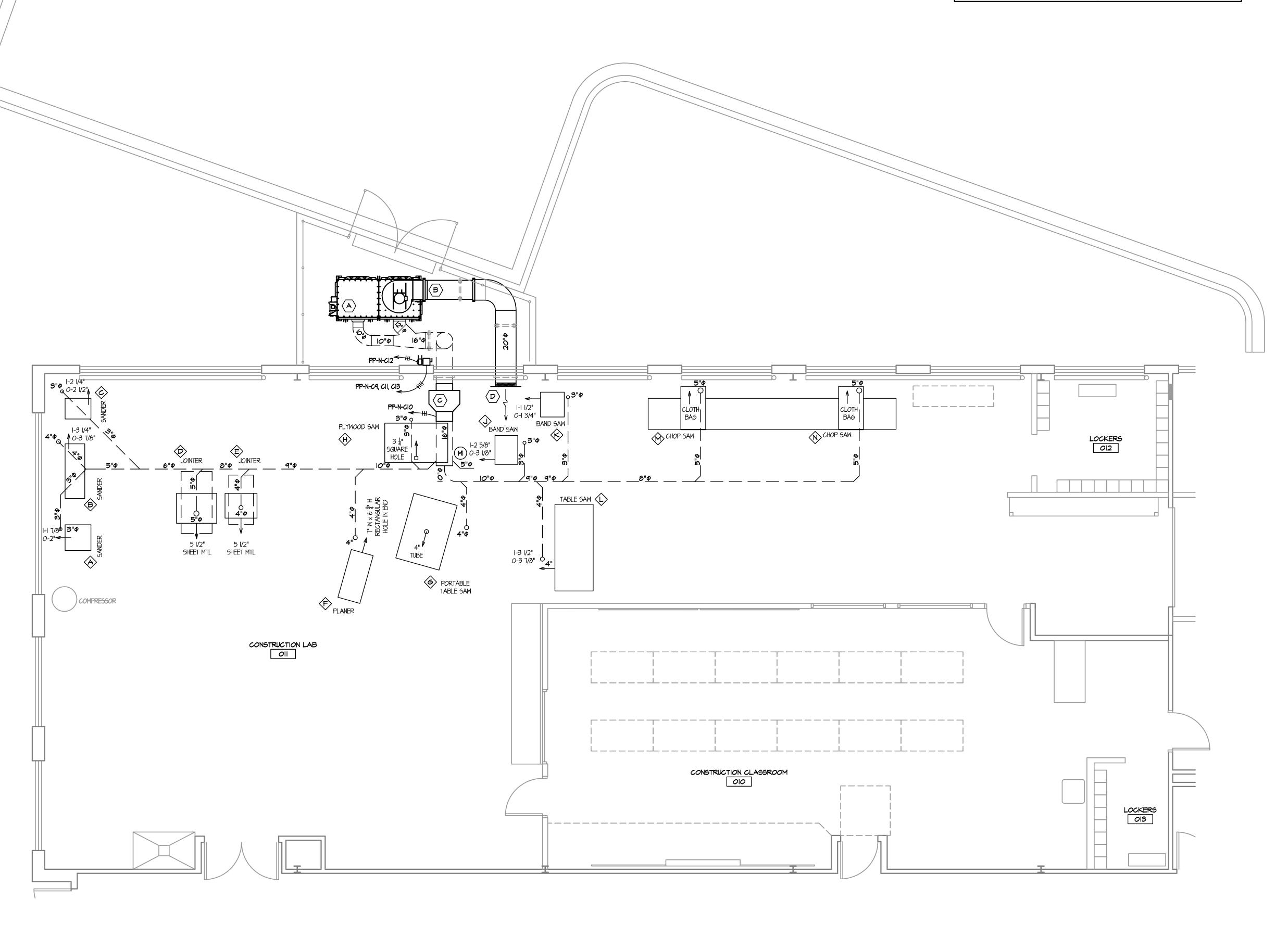


DUCTWORK ALTERNATIVES BASE BID: PROVIDE STANDARD, SINGLE WALL, G-90, GALVANIZED, SPIRAL DUCT FOR DUST COLLECTION Up to 8Ф dia. 24 GA 8ф to 14ф dia. 22 GA 150 to 240 dia. 18 GA ELBOWS AND BRANCHES TO BE TWO (2) GAUGES HEAVIER THAN STRAIGHT PIPE OF EQUAL DIAMETER. ADJUSTABLE ELBOWS AND 90 DEGREE TEES ARE NOT TO BE PROVIDED. ELBOWS TO BE MINIMUM OF 1.5 CENTERLINE RADIUS. BRANCH ENTRANCE LEGS TO BE 45 DEGREE. 90 DEGREE TEES ARE <u>NOT</u> TO BE PROVIDED! STANDARD SLIP FIT CONNECTIONS WITH COUPLINGS. ALTERNATE BID: PROVIDE SINGLE WALL, G-90, GALVANIZED, CLAMP TOGETHER, STANDARD GASKETED, DUCTWORK BY Nordfab, Duct Inc, OR EQUAL FOR DUST COLLECTION ELBOWS TO BE MINIMUM OF 1.5 CENTERLINE RADIUS. BRANCH ENTRANCE LEGS TO BE 45 DEGREE. 90 DEGREE TEES ARE <u>NOT</u> TO BE PROVIDED! FULLY WELDED, LEAK-TIGHT SEAMS.

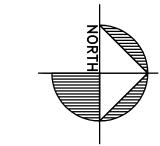
SYMBOL	KEY
	EXHAUST DUCT SHOWN ACTUAL SIZE
	EXHAUST DUCT SHOWN AS SINGLE LINE
_" o O	DUCT DROP
	CLEAN AIR RETURN SHOWN ACTUAL SIZE
	AIR RETURN GRILLE/REGISTER
← #	WIRE RUN TO PANEL
В	120V CONVENIENCE RECEPTACLE PROVIDE WEATHERPROOF AND GFCI AS REQ'D AT EXTERIOR
	DISCONNECT

DISCONNECT SWITCHES	
ALL ELECTRICAL DISCONNECT SWITCHES SHALL BE FURNIHSED & INSTALLED BY THE ELECTRICAL CONTRACTOR. EACH DISCONNECTING MEANS SHALL BE LEGIBLY MARKED TO INDICATE ITS PURPOSE UNLESS LOCATED AND ARRANGED SO THE PURPOSE IS EVIDENT. MARKING SHALL BE SUFFICIENT TO	
MITHSTAND THE ENVIRONMENT INVOLVED.	

3-PHASE 250 AMP MAIN BREAKER												
CIRC	CIRCUIT		BREAKER AMPS	BREAKER AMPS			CIRCUIT USAGE		CIRC			
ı	SPARE	-	20	30	2	,	מפת	ED	2			
3	MASHER	P	20	VI				DRYER				
5	POWER	P	20	20) P		POV	VER	6			
7	SMART BD	P	20	20) M	1	OH DOOR		8			
9	9		50	20) P	·	BACKI	PRAFT	10			
Ш	COLLECTOR	М	50	20) P	<u>, </u>	POWER		12			
13			VIF				EMF	אדי	14			
15	EMPTY								16			
17	1								18			
19									20			
21									22			
23									24			
25									26			
27									28			
29									30			
31									32			
33									34			
35									36			
37									38			
39	\overline{V}							/	40			







DATE

07-01-2016

PROJECT No.

984A
SD205 #1705

SHEET No.





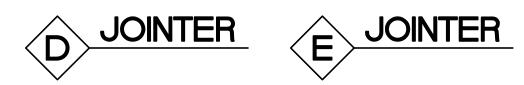
B SANDER







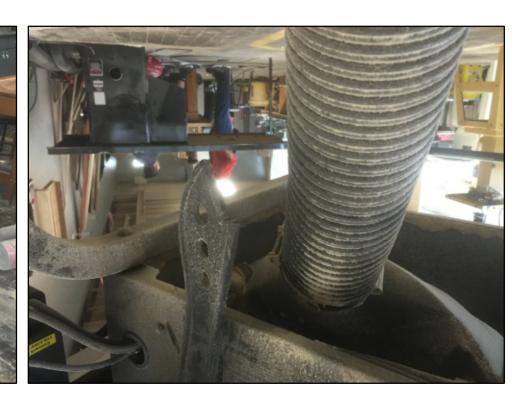


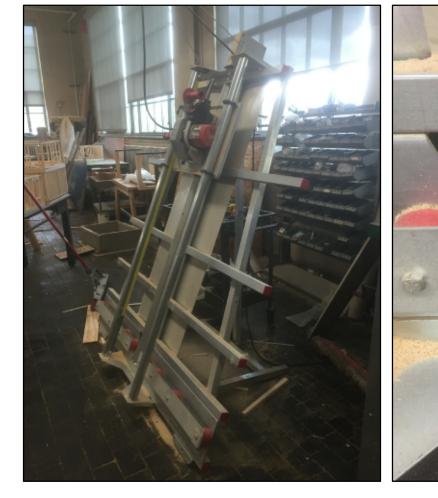










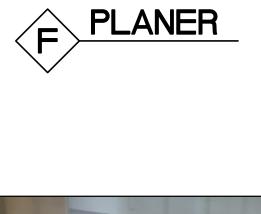


H PLYWOOD SAW



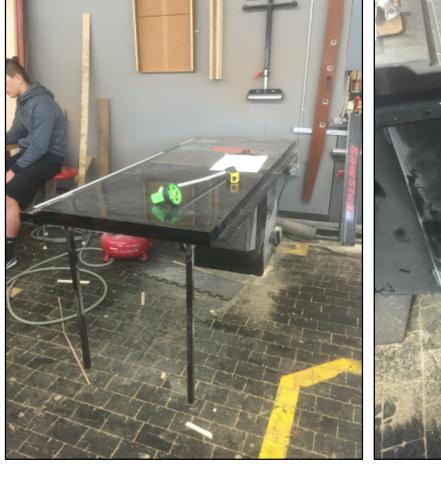


J BAND SAW



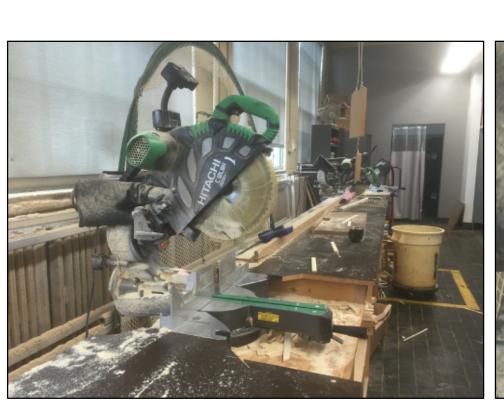




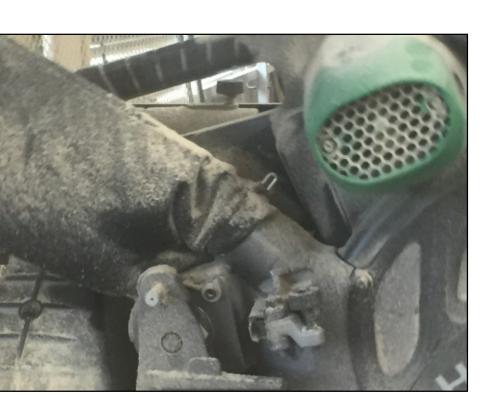


L TABLE SAW





C SANDER



CHOP SAW

K BAND SAW



N CHOP SAW



A SANDER

B SANDER C SANDER

THIS HAS A SHEET METAL HOOD WITH A 5-1/2"DIAMETER (IN AND OUT ARE NEARLY THE SAME) CONNECTION.

THIS HAS A SHEET METAL HOOD WITH A 5-1/2"DIAMETER (IN AND OUT ARE NEARLY THE SAME) CONNECTION.

F PLANER
THIS EQUIPMENT HAS A 7" WIDE × 6-3/4" HIGH RECTANGULAR OPENING
ON THE FACE OF THE EQUIPMENT. CONTRACTOR SHALL FABRICATE A
COLLECTOR BOX TO TRANSITION FROM THE FACE OF THE PLANER TO A
DUCT CONNECTION.

G PORTABLE TABLE SAW
PROVIDE DUCT DROP FOR CONNECTION OF PORTABLE SAW'S EXISTING
FLEXIBLE CONNECTION WHEN SAW IS USED IN THE SHOP.

H PLYWOOD SAW
THERE IS A 3-1/4" SQUARE HOLE ON THE BACK FACE OF THIS SAW. THE
HOLE IS AT THE TERMINATION OF A "CHUTE" THAT IS FORMED WHEN A
SHEET OF PLYWOOD IS LAID IN THE CUTTING SURFACE. CONTRACTOR
TO FABRICATE A BOX TO CONNECT A SOLID DUCT DROP TO THE BASE
OF THE SAW AND REMOVE DUST THAT FALLS TO THE BOTTOM OF THE
CHUTE.

- BAND SAW
- K BAND SAW
- TABLE SAW

M CHOP SAW CONTRACTOR TO PROVIDE A DUST COLLECTION SYSTEM THAT WILL REMOVE 90% OF THE DUST GENERATED BY THIS EQUIPMENT. THIS MAY BE (2) 4" RADIAL ARM SAW HOODS ON EACH SIDE OF SAW, OR A SINGLE HOOD BEHIND THE SAW. HOOD SHALL NOT INTERFERE WITH THE

CONTRACTOR TO PROVIDE A DUST COLLECTION SYSTEM THAT WILL REMOVE 90% OF THE DUST GENERATED BY THIS EQUIPMENT. THIS MAY BE (2) 4" RADIAL ARM SAW HOODS ON EACH SIDE OF SAW, OR A SINGLE HOOD BEHIND THE SAW. HOOD SHALL NOT INTERFERE WITH THE FULL RANGE OF OPERATION OF THE SAW.

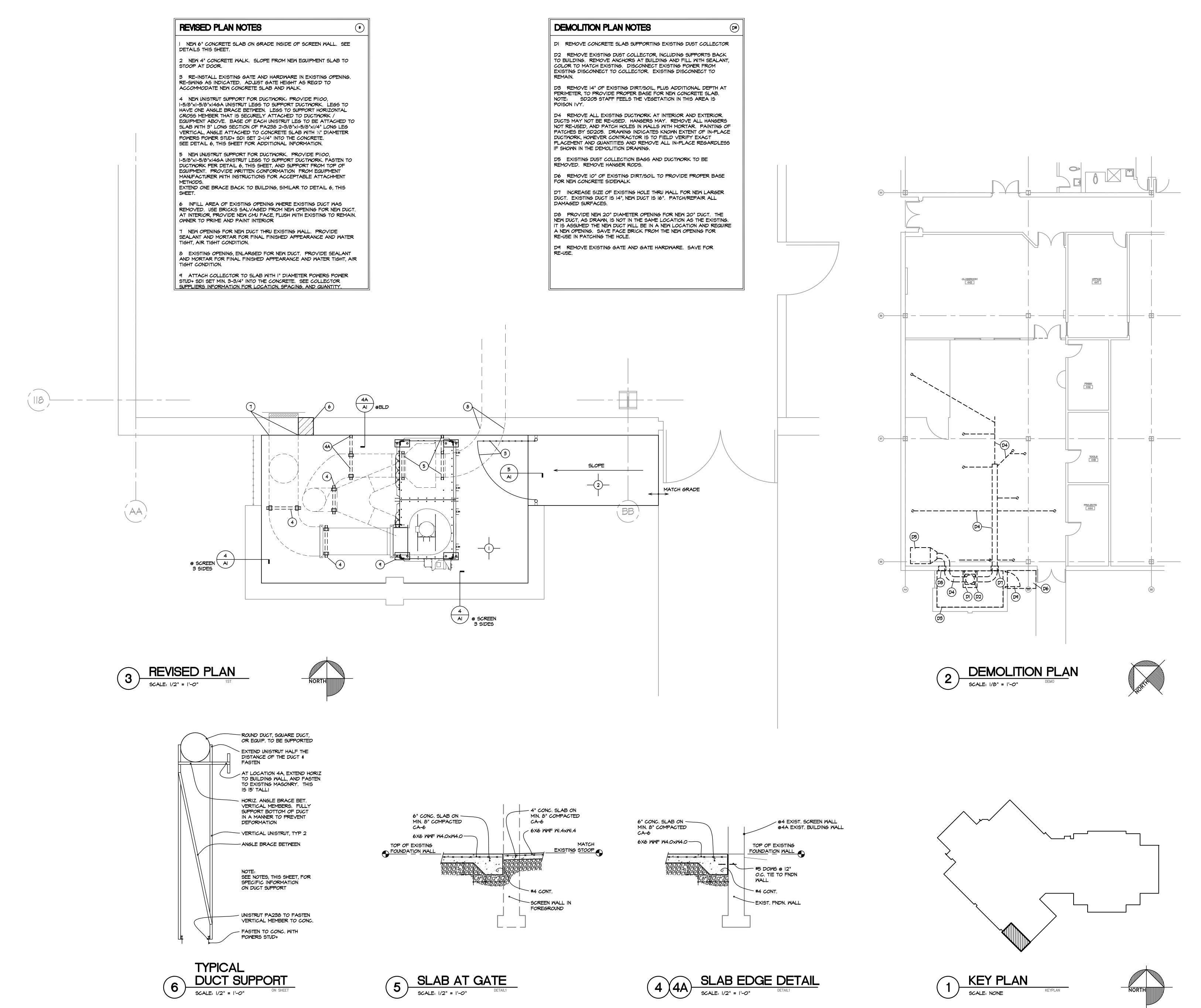
FULL RANGE OF OPERATION OF THE SAW.

MEASUREMENTS OF CONNECTIONS PROVIDED ARE FOR PRICING ONLY. CONTRACTOR TO FIELD VERIFY ALL! I- X" INDICATES THE INTERIOR DIAMETER OF THE EXISTING CONNECTION. O-X" INDICATES THE OUTSIDE DIAMETER OF THE EXISTING CONNECTION.

07-01-2016 PROJECT No. 984A

> SHEET No. ME2

SD205 #1705



ELLES FIRMOF

r c h i t e c t u r e

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-961-0504 BellesFirm@yahoo.com

nse No. 184-001868

B E L L E S

a r c h i t

2905 Creekside Court, Sui
(815)-961-0504 B

REV.

CONSTRUCTION LAB DUST COLECTION SYSTEM

RECKFORD

JEFFERSON HIGH SCHOOLS

A445 SAMIRE SON STREET

A445 SAMIRE SON STREET

BOCKFORD III

DRAWN

BFA

BFA

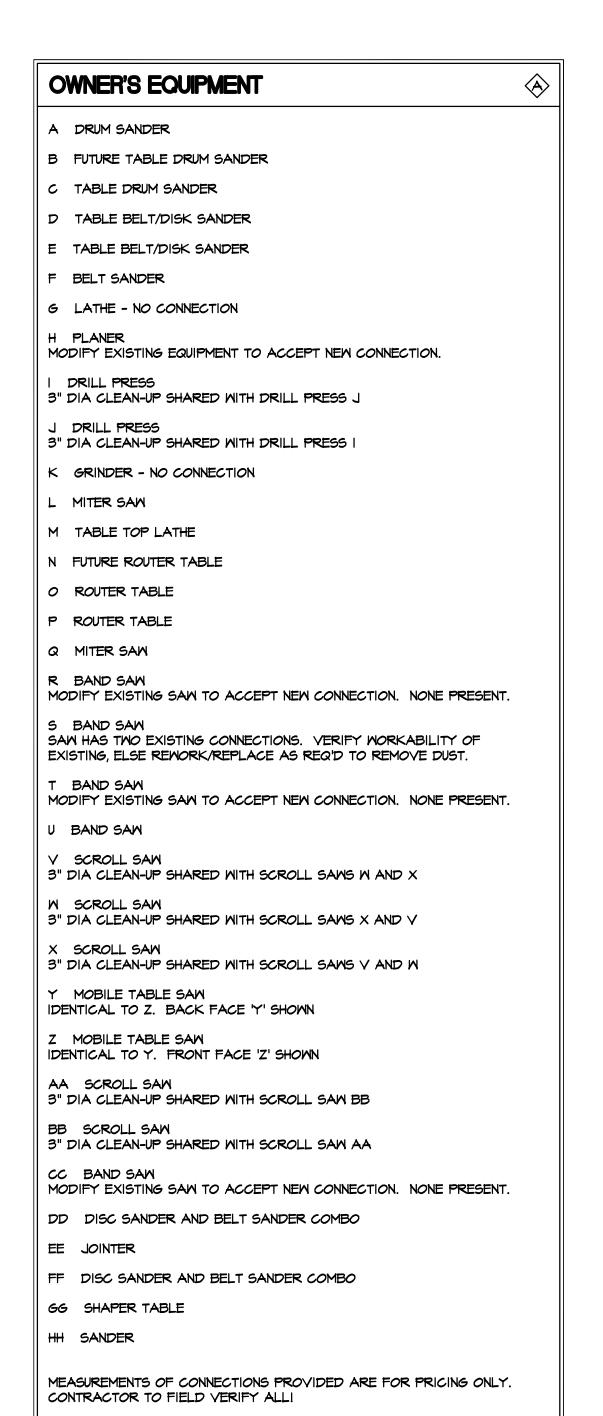
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984B SD205 #1706

SHEET No.

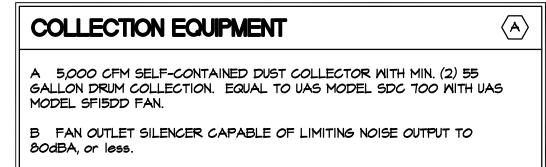
A1.1

DWG FILE: A1



BG = BLAST GATE, TO ALLOW CLOSING OF THIS CONNECTION TO

USING THE BLAST GATES.



C NO RETURN VALVE EXPLOSION ISOLATION VALVE AND CONTROL

D SUPPLY GRILLE ON END OF DUCT: INDUSTRIAL ROUND DIFFUSER,

PANEL FOR SYSTEM SHUT DOWN, DUST LEVEL, AND POWER INTEGRATION.

MECHANICAL PLAN NOTES

STEEL, EQUAL TO CARNES MODEL SSDB.

MI PROVIDE 3" DROP WITH BLAST GATE. TERMINATE APPROX. 36" AFF. PROVIDE TRANSITION TO 1-1/2" FLEXIBLE TUBE. PROVIDE 8' OF FLEXIBLE TUBE TO BE USED FOR CLEAN-UP OF EQUIPMENT IN THIS LOCATION. NO CONNECTION TO EQUIPMENT. SD205 TO PROVIDE "HOOK" FOR STORAGE OF HOSE WHEN NOT IN USE.

#

EI EXISTING DISCONNECT FOR EXISTING COLLECTOR. EQUIPMENT SUPPLIER TO VERIFY POWER AVAILABLE IS ADEQUATE FOR COLLECTOR UNIT TO BE PROVIDED. NOTIFY ARCHITECT AND PROJECT MANAGER IMMEDIATELY IF EXISTING POWER IS NOT ACCEPTABLE. COORDINATE WITH ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR TO PROVIDE PROPER OVER CURRENT PROTECTION, AND MODIFY EXISTING AS REQUIRED BY NEW EQUIPMENT.

E2 ELECTRICAL CONTRACTOR TO PROVIDE NEW 120V, 20A, IPH, MEATHERPROOF, GFCI, CONVENIENCE RECEPTACLE FOR MAINT. OF NEW

E3 PROVIDE NEW 120V POWER FOR BLAST GATE CONTROLS FROM NEAREST AVAILABLE SOURCE. ELECTRICAL CONTRACTOR TO COORDINATE REQUIREMENTS WITH EQUIPMENT SUPPLIER.

DUCTWORK ALTERNATIVES

150 to 240 dia. 18 GA

BASE BID: PROVIDE STANDARD, SINGLE WALL, G-90, GALVANIZED, SPIRAL DUCT FOR DUST COLLECTION Up to 8Φ dia. 24 GA 80 to 140 dia. 22 GA

ELBOWS AND BRANCHES TO BE TWO (2) GAUGES HEAVIER THAN STRAIGHT PIPE OF EQUAL DIAMETER.

ADJUSTABLE ELBOWS AND 90 DEGREE TEES ARE NOT TO BE PROVIDED.

ELBOWS TO BE MINIMUM OF 1.5 CENTERLINE RADIUS.

BRANCH ENTRANCE LEGS TO BE 45 DEGREE. 90 DEGREE TEES ARE <u>NOT</u> TO BE PROVIDED!

STANDARD SLIP FIT CONNECTIONS WITH COUPLINGS.

ALTERNATE BID: PROVIDE SINGLE WALL, G-90, GALVANIZED, CLAMP TOGETHER, STANDARD GASKETED, DUCTWORK BY Nordfab, Duct Inc, OR EQUAL FOR DUST COLLECTION

ELBOWS TO BE MINIMUM OF 1.5 CENTERLINE RADIUS.

BRANCH ENTRANCE LEGS TO BE 45 DEGREE.

90 DEGREE TEES ARE NOT TO BE PROVIDED!

FULLY WELDED, LEAK-TIGHT SEAMS.

PROVIDE ADEQUATE FLOW IN THE SYSTEM. ALL EQUIPMENT WILL NOT BE RUN AT THE SAME TIME. CONTRACTOR SHALL PROVIDE THE OWNER TRAINING ON CORRECT OPERATION AND BALANCING OF THE SYSTEM

SHOWN ACTUAL SIZE — _ "\$ EXHAUST DUCT SHOWN AS SINGLE LINE DUCT DROP ____ CLEAN AIR RETURN SHOWN ACTUAL SIZE ______ AIR RETURN GRILLE/REGISTER WIRE RUN TO PANEL 120V CONVENIENCE RECEPTACLE PROVIDE WEATHERPROOF AND GFCI AS REQ'D AT EXTERIOR DISCONNECT

EXHAUST DUCT

SYMBOL KEY

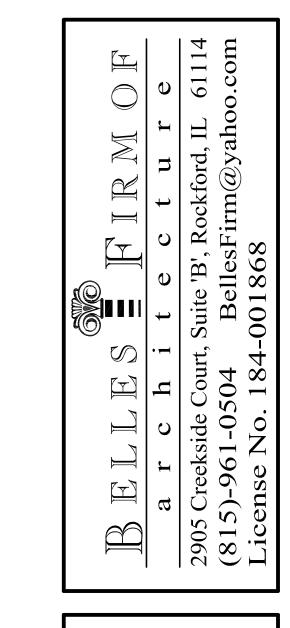
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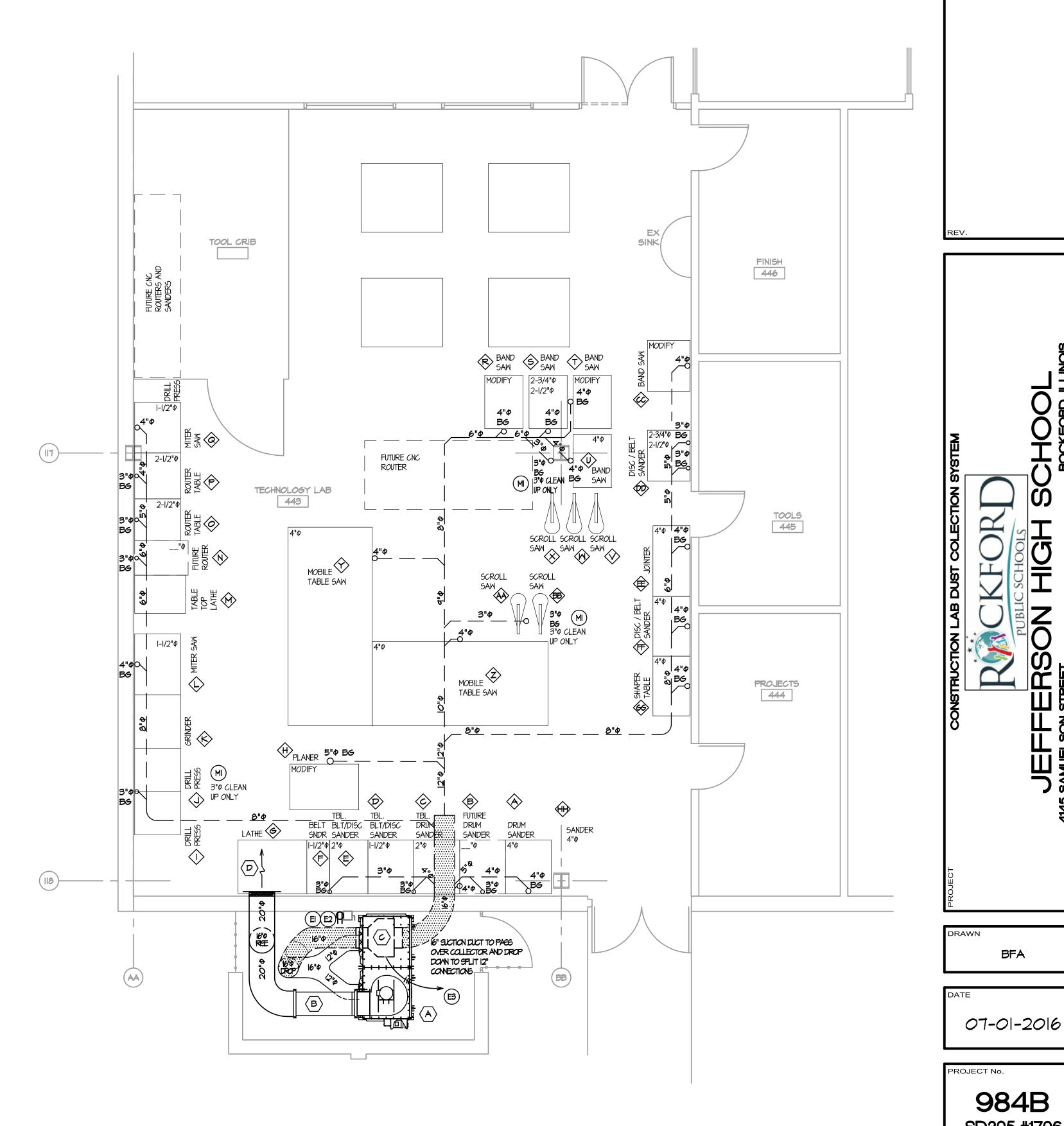
DISCONNECT SWITCHES ALL ELECTRICAL DISCONNECT SMITCHES SHALL BE FURNIHSED & INSTALLED BY THE ELECTRICAL CONTRACTOR. EACH DISCONNECTING MEANS SHALL BE LEGIBLY MARKED TO INDICATE ITS PURPOSE UNLESS

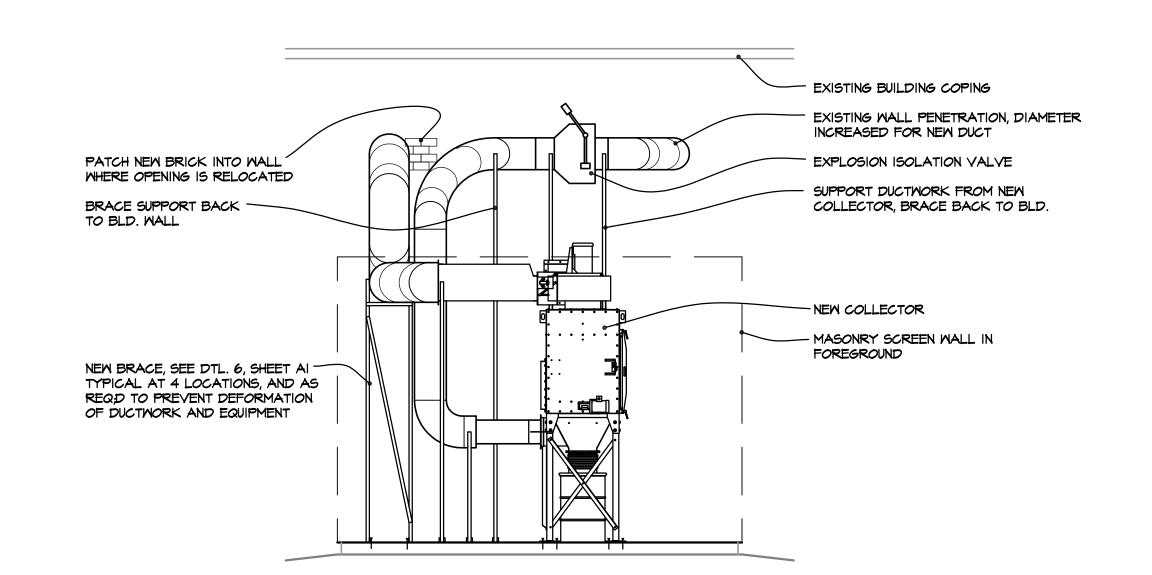
LOCATED AND ARRANGED SO THE PURPOSE IS

EVIDENT. MARKING SHALL BE SUFFICIENT TO

WITHSTAND THE ENVIRONMENT INVOLVED.











SD205 #1706 **ME1.1**

984B











DRUM SANDER DELT/DISK SANDER F BELT SANDER NO CONNECTION H PLANER NO CONNECTION DRUM SANDER E BELT/DISC SANDER B FUTURE TABLE DRUM SANDER

NUP GRINDER NO CONNECTION MITER SAW

OF DRILL PRESS

3" CLEAN UP













M TABLE TOP LATHE NO CONNECTION

THE O ROUTER TABLE P ROUTER TABLE O MITER SAW O ROUTER TABLE
N FUTURE ROUTER

N FUTURE ROUTER

P ROUTER TABLE
P ROUTER TABLE

R BAND SAW

S BAND SAW













T BAND SAW

U BAND SAW

V SCROLL SAW W SCROLL SAW

Y Z MOBILE TABLE SAW BACK FACE

Z Y MOBILE TABLE SAW FRONT FACE

OWNER'S EQUIPMENT SEE SHEET MEI FOR LIST OF OWNER'S EQUIPMENT

ME2.1

07-01-2016

984B

SD205 #1706







DISK/BELT SANDER





DISK/BELT SANDER

GG SHAPER TABLE

SCROLL SAW

BB SCROLL SAW

JOINTER

CONSTRUCTION LAB DUST COLECTION SYSTEM

REPORT COLECTION SYSTEM

PUBLIC SCHOOLS

A145 SAMUELSON STREET

ROCKFORD, ILLING

DRAWN RCB

07-01-2016

984B SD205 #1706

ME3.1

OWNER'S EQUIPMENT

SEE SHEET MEI FOR LIST OF OWNER'S EQUIPMENT