

Bullitt County Public Schools

1040 Highway 44 East Shepherdsville, Kentucky 40165

502-869-8000 Fax 502-543-3608 www.bullittschools.org

MEMO

TO:

Jesse Bacon

FROM:

Mark Mitchell

DATE:

August 14, 2018

RE:

Board Agenda Item – Approval of Architectural Drawings – Bullitt

East High School Dugout Expansion - Rangaswamy and Assoc., Inc.

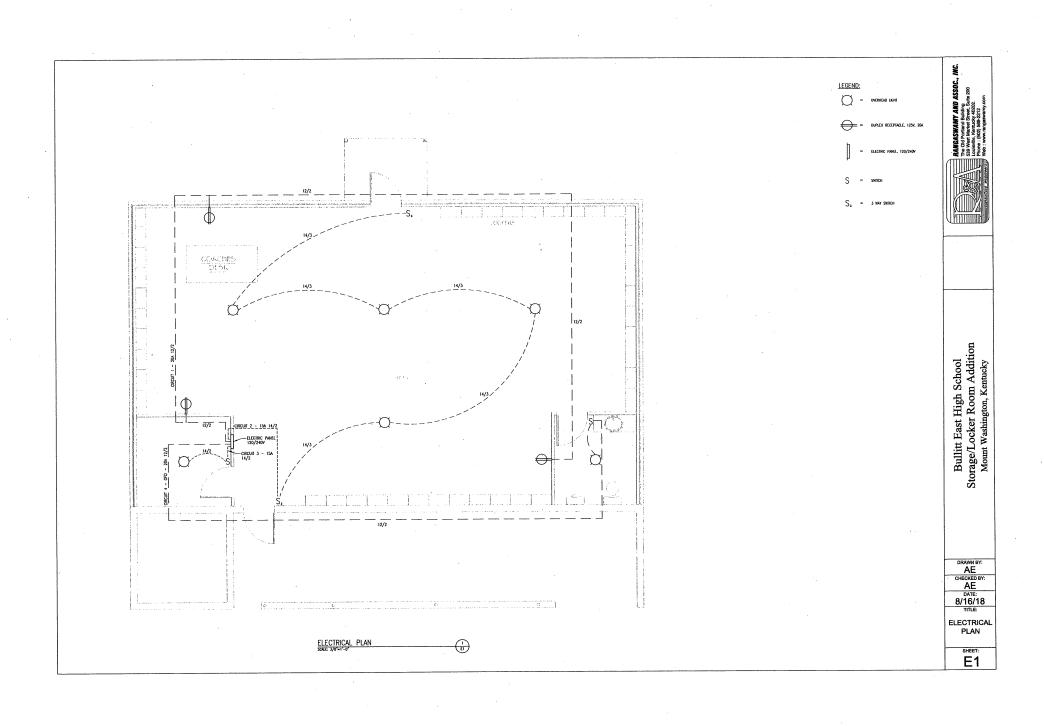
Presented for Board approval are the architectural drawings relating to the Bullitt East High School Dugout Expansion project as prepared by Rangaswamy and Assoc., Inc. These are the structural, architectural and electrical drawings required by KDE. Upon approval, the drawings will be sent to KDE for their approval and records.

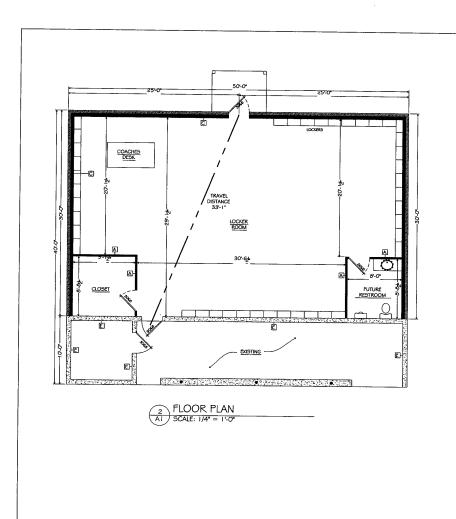
I recommend the Board's approval of the architectural drawings prepared by Rangaswamy and Assoc., Inc.

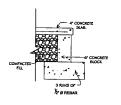
Attachment:

Architectural Drawings

Bliffer

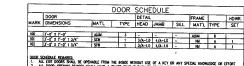






3 RUNS OF J Y 8 REBAR

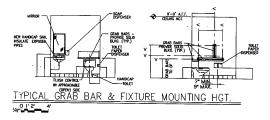
2
BLOCK W/BRICK LEDGE
A- J 2" = 1'-0"



 ALL DOOR-OPENING DEMCES SMALL HARY A SUMPE THAT IS EASY TO GRASE WITH ONE HAND AND DOES NOT IT DIGHT CRESSING, PRICHING OF TRESHING OT THE WEST TO OPERIATE (LEVER, PUSH/PULL).
 SON DOORS TO BE STANETD ALL 6 SIDES, COLOR TALD, BY OWNER.
 ADA SIGNAGE SHALL HAVE BHEE DOSES ELETTIES ON DARK (STB. COLOR) BACKGROUND, ACRYLIC SIGN CONSTRUCTION WY JAPPED THE CITIES AC GROUP 2 BRAILET TAG, RATED FOR INTERDOR OF EXTERDOR US



HARDWARE SETS: STILE AND PAIGH BY OWNER
SETING.1
1/2 PR. NINGES
1/

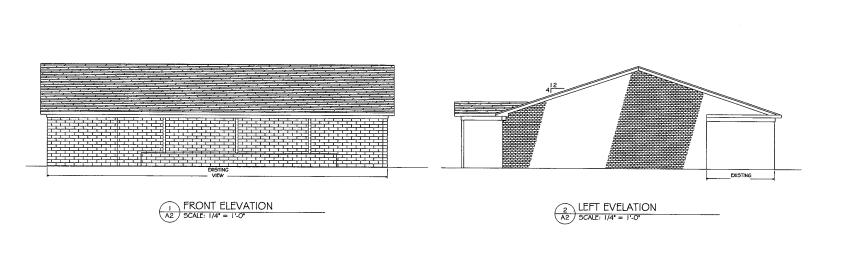


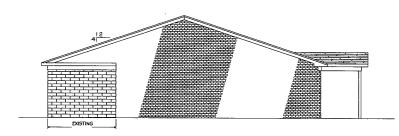
Bullitt East High School Storage/Locker Room Addition Mount Washington, Kentucky

DRAWN BY:
AE
CHECKED BY:
AE
DATE:
8/10/18
TITLE:

FLOOR PLAN

A1







RIGHT ELEVATION

SCALE: 1/4" = 1'-0"

REAR ELEVATION
SCALE: 1/4" = 1'-0"





Bullitt East High School Storage/Locker Room Addition Mount Washington, Kentucky

DRAWN BY: AE CHECKED BY: AE 8/10/18 TITLE:

ELEVATIONS

SHEET:

- 1. COHCRETE: MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS (I'c) -CAST IN PLACE CONCRETE (C.LP.) = 4000 PSI (U.N.O.)
- 2. MASONRY HET AREA COMPRESSIVE STRENGTH OF UNREINFORCED MASONRY, I'm = 1500 PSI = SEE SECTION 4.1 FOR GROUT AND MORTAR REQUIREMENTS.
- 3. CONCRETE REINFORCING STEEL: ASTN A615, GRADE 60.

DEAD	SUPER-IMPOSED DEAD	LIVE
-	-	-
20	-	20.0
12.0	-	20.0
8.5	-	0.0
	- 20 12.0	20 -

MODE.

THE ABOVE TABLEATED LOADS ARE THE BASS FOR DESIGN AND INCLUDE ALLOPMANCES FOR SUPERBURSED LOADS, WHIRE NOT SPICEDULT LISTED. THE MACHINEL LOADION AND DESCON RECOMMENTS FOR SPICED CONCENTRATED AND LOCALED SUPERBURSED LOADS, IN ADDITION TO THE BASS ALLOPMANCES, AND REPRESENDED LOADS, IN ADDITION TO THE BASS ALLOPMANCES, AND REFERENCE IN THE PLANS.

SPECIAL DESIGN LOADS (PSF):
(LOAD CONDITIONS TO BE INCLUDED IN COMPONENT DESIGNS BY
SPECIALTY ENGINEERS):

5
NCR

SNOW (NON-SIMULTANEOUS W/LL) SOIL BEARING PRESSURES (PSF):

SPREAD FOOTINGS CONTINUOUS STR		1,500	
PARAM	ETERS USED IN THE DESIGN OF FORCE-RESISTING STRUCTURAL		
SNOW:			
	CROUND SHOW LOAD (I ROOF MANUAL SHOW LOAD (P SHOW EXPOSURE FACTOR (ON LOAD INFORTANCE FACTOR (THERMAL FACTOR (m) -	15.0 PSF 16.5 PSF 0.9 1.1 1.0
WHO:	BASIC WIND SPEED (W	*1 -	120 MPH
	WIND IMPORTANCE FACTOR (- 1	1.0
	INTERNAL PRESSURE COEFFICE		C 0.18 (+/~)
	DESIGN WIND PRESSURE F		0.18 (+/-)
	COMPONENTS AND CLADO	HG -	30 PSF
SEISMIC:	SEISMIC IMPORTANCE FACTOR (le) -	1.25
	RISK CATEGO	RY .	i i i
MAPPED S	PECTRAL RESPONSE ACCELERATE AT SHORT PERIODS (S	OH _	0.197(C)
MAPPED S	PECTRAL RESPONSE ACCELERATI	OŃ	0.137(0)
	AT ONE SEC PERIOD (S	51) -	0.104 (C)
	on based on Geo-Tech Repo Pectral response accelerati		D
	AT SHORT PERIODS (SE	(S) =	0,210 (G)
DESIGN S	PECTRAL RESPONSE ACCELERATI	OŃ	
	AT ONE SEC PERIOD (SE SEISMOC DESIGN CATEGO		0.165 (G) R
RACK	SEISMIC FORCE RESISTING SYST		
500	ASSECTION STATE		BEARMS WALL SYSTEMS, LIGHT-FRAME (WOOD) WALLS SHEATHED WITH WOOD STRUCTURAL PAMELS RATED FOR SHEAR RESISTANCE OR STEEL SHEATS
	DESIGN BASE SHE	AR =	3.2 KIPS
	SEISMIC RESPONSE COEFF. (I SPONSE MODIFICATION FACTOR	<u>.</u>) -	0.0404
RE	SPONSE MODIFICATION FACTOR : ANALYSIS PROCEDI:		
	ZIP CC	0E = !	40047
			38.0404 N
	(DOM)	ne -	85 5500 W

5. SPECIAL INSPECTIONS ARE REQUIRED AS FOLLOWS (PER KBC)

KBC SECTION	REQUIRED YES HO	DESCRIPTION OF INSPECTION OR TEST TO BE PERFORMED	COMPLY WITH REQUIREMENTS OF
1704	x	INSPECTION OF FABRICATORS:	ART. 1704.2.5
1704	x	G. STRUCTURAL TIMBER/WOOD FABRICATION SHOP	ART. 1704.2.5
1705	x	MASONRY CONSTRUCTION (NON ESSENTIAL FACILITIES)	ART. 1705.4 (LEVEL A)
1705	x	WOOD CONSTRUCTION	ART. 1705.5
1705	x	SOILS/SITE PREPARATION	ART. 1705.6
SPECIAL INS	PECTIONS FOR	WHO RESISTANCE (ART. 1705.10):	
1705	x	STRUCTURAL HOOD	ART. 1705.10.1
1705	x	ROOF AND WALL CLADOING	ART. 1705.10.3

NOTE: INSPECTION OF FABRICATION SHOPS SHALL BE WAVED BASED UPON THE FOLLOWING AFFILIATIONS:

LIGHT GAGE METAL PLATED WOOD TRUSS - ACTIVE MEMBER COMPANY WITH THE WOOD TRUSS COUNCIL OF AMERICA (W.T.C.A.) STRUCTURAL THIBER/WOOD - ACTIVE HEMBER COMPANY WITH THE AMERICAN WOOD COUNCE (A.W.C.)

ALL COSTS ASSOCIATED WITH ANY HECESSARY FAB SHOP INSPECTIONS OF MON-CERTIFIED AND HON-HEIBER PLANTS SHALL BE THE RESPONSIBILITY OF THE FARRICATION SHOP AND PAID DIRECTLY TO THE PROJECT'S SPECIAL INSPECTION FIRM.

- 6. PROMSKIN FOR FUTURE EXPANSION: NONE
- 7. THIS BUILDING WAS DESIGNED IN ACCORDANCE WITH:

BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY, ACI 318-CURRENT EDITION, ALTERNATE DESIGN METHOD. "BUILDING CODE REQUIREMENTS AND SPECIFICATION FOR MASONRY STRUCTURES", ACI 530-XX/ASCE 5-XX/TNS 402-XX (CURRENT EDITIONS).

- 1.2 SUBMITTALS

 AN EXPERIENCE TO SHOP ROBBERS IN THE CONDUCT TO CONDUCT A SEASON A RECEIVED CORRECT SHOP ROBBERS SHOP ROBB
- 2. SIOP PROMINGS SHALL BE EXPLICIT. SUFFICIENT INFORMATION AND DETRIES SHALL BE SARWIN TO BESIDE THAN FRANCAIDES, INSTALLERS AND DESCRIBES SHALL BE SARWIN TO BESIDE THAN FRANCAIDES, INC. BOOK PORMINGS SHALL BE AND SHALL REFERENCE WHAT IS TO SECRETARY THAN IT SO THE SHALL REFERENCE WHAT IS THE PROFILE OF THE PLACE SHOULD BE ANDRED AND SHABITLES WE BE RETURNED FOR EXPLICIT REPRESENTATIONS.
- A MIGHT THE CHARGE OF ENGINEER OF EDUCE THE PRESCRIATIONS.

 3. MIGHT THE COMMERCIOR IS GUIDED TO PROMOE ENGINEER OF STORY, THE SHAP BROWNESS AND CALLADIONS SHAPITED ARE TO BE IN ACCORDANCE WITH THE FOLLOWING SHAPITEM AND SOMER PROMOSES. THE FILES SHAPITED SHALL BE DESCRIBED SHAT SHEED HE FILES SHAPITED SHALL BE DESCRIBED SHAPITED SHAP
- DRUMINGS:

 A. EACH SHEET OF A SET SHALL BEAR THE STAMP, SIGNATURE AND THE DATE SIGNED. THE SIGNATURE SHALL BE ACROSS THE STAMP.
- B. THE SHEET 1 OR TITLE PAGE SHALL BE WET SIGNED IN A DIFFERENT COLORED INK THAN THE MEDIA AND CONTAIN THE DATES OF SIGNATURE AND EXPRAIDON DATE OF REGISTRATION IN ADDITION TO THE REQUIREMENTS STATED IN ITEM A.
- CALCULATIONS: C. EACH SHEET OF A SET SHALL BEAR THE STAMP, SIGNATURE AND THE DATE SIGNED, THE SIGNATURE SHALL BE ACROSS THE STAMP.
- D. THE SHEET I OR TITLE PAGE SHALL BE WET SIGNED IN A DIFFERENT COLORED INX THAN THE MEDIA AND CONTAIN THE DAIES OF SIGNATURE AND EXPRAINTON DATE OF REGISTRATION IN ADDITION TO THE REGULARLESTS STATED IN TIEM A.

STAIPPING WHOLE OR PORTIONS OF DESIGN DRAWNSS, & THERE USE AS SHOP DRAWNINS, IS IN VIOLATION OF CODE OF PROFESSIONAL PRACTICE. AND COMBUCT ADAPTED BY THE KENTLICHY STAILE BOARD OF REGISTRATION FOR PROFESSIONAL ENGRIEDES & LAND SURFICIES & A. AS PER KIRS 322.180(17). THE REGISTRATION OF THE REGISTRATION.

1.3 TYPICAL DETAILS

- . TYPICAL DETAILS SHOWN IN THESE PLANS ARE PROMORD TO ILLUSTRATE DESIGN PHILOSOPHIES AND MINIMUM REQUIREMENTS.
- 3. COORDINATION OF THE EXACT LOCATIONS, AND QUARTIES, OF THE FEMICIAL DEVIAL CONDITIONS OF THE EXACT LOCATIONS, AND QUARTIES, OF THE FEMICIAL DEVIAL CONDITIONS IS COMPANSION TO THE ACTUAL PROJECT CONDITIONS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTINUATION, AND PREVENUED AT NO ADDITIONAL COSTS TO THE OWNER OR THE OWNER'S ACOUNTS.

2.1 FOUNDATION NOTES

- PRIOR TO CONSTRUCTION OF ANY PERMANENT STRUCTURE, ALL TOPSOL. AND ORGANIC MATERIAL, OR PROZEN, WET, SOFT, LOOSE, OR UNDESKRIBLE SORL SHALL BE REMOVED.
- FOOTINGS SHALL BORF OF FIRM UNDSTRIKED WITEOM, OR OR DISCRETED FALL MATTER, ECCOSED WITEON MO AS IN THE CORTICEMENT, DAYLONGER PROPERTY AND AS IN THE CORTICEMENT, DAYLONGER PROPERTY SHALL CORTICE, ANY INSTRUMENT MANUEL SHALL BE RECOVER FROM THE CORTICE AND THE PROPERTY SHALL CORTICE DECIMALISTS.

 THE CORTICE OF THE PROPERTY HE TERMS LADSHORDED FROM THE STATE OF THE SHALL BE RECTURED TO MANUEL OF THE SHALL BE RETURNED. THE SHALL BE RETURNED TO MANUEL OF THE SHALL BE RETURNED TO THE SHALL BE RETURNED TO THE SHALL BE RETURNED. THE SHALL BE RETURNED TO THE SHALL BE RETURNED.
- Soul Daposed in the bases of all satisfactory foundation excavations shall be protected acades any detribution. Compact in Condition such as from destributed, than or freezhge, surface runoify shall not be allowed to enter the excavation.
- . THE UNDERSIDE OF ALL FOOTINGS SUBJECTED TO OUTSIDE WEATHER CONDITIONS SHALL BE LOCATED AT LEAST 2"-6" BELOW FINAL EXTERIOR GRADE AT ANY GIVEN POINT FOR FROST PROTECTION, UNLESS OTHERMSE INDICATED.
- . ADEQUATE DRAINAGE SHALL BE PROVIDED AT THE SITE TO MINIMIZE ANY MICREASE IN MOISTURE CONTENT OF THE FOUNDATION SOLS.
- THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING EXISTING POOTING AND STRUCTURE ELEVATIONS AND LOCATIONS BEFORE COMMERCING EXCHANTION AND/OR UNDERPHINING AND BRACING OPERATIONS ADJACENT THERETO.
- . MINIMUM THUCKNESS OF THE DRAWAGE MEDIA UNDER ALL SLABS WITHIN THE BUILDING ENVELOPE SHALL BE 4° urgless noted otherwise.
- B. PROVIDE WRISH POLYETHYLENE SHEET (NOT MANUFACTURED FROM RECYCLED MATERIUS) OF NOT LESS THAN 6 ML. INCONESS UNDER ALL SLASS WITHIN THE BULLIONE DINELOPE AS A WAPTE BURBERY, WAPPE BURBERS SHALL MEET ON EXCEED ASTM E 1745 CLASS A PERFORMANCE REQUIREMENTS AS FOLLOWS:
- DOED ARM I 195 CASA A PRINSWAYER ROUNGINGS & FOLIORS: A MINUL PRINSWAYER PLAN 19784 19784 (MINUL PRINSWAYER) 6. PRIAMPER PRINSWAYER PLAN 19784 19784 (MINUL PRINSWAYER) 6. PRIAMPER PRINSWAYER PLAN 1978 (MINUL PRINSWAYER) 6. PRINSWAYER PRINSWAYER PLAN 1978 (MINUL PRINSWAYER) 6. PRINSWAYER PRINSWAYER PLAN 1979 (MINUL PRINSWAYER PLAN 1978 1978 CHANG MANINE PLAN 1978 (MINUL PRINSWAYER PLAN 1979) (MINUL PLAN 1979) (M
- THE CONTROL MENTS CHARMEN FIRE SAME.

 IN THE DOOR THE TRANSMAN RESIDES ONE ARE DOCUMETED THAT DO NOT MEET OR DOCUMETED THAT DO NOT MEET OR DOCUMET. CONSILT THE RECORDER ARRANGE OF THE PROPERTY OF THE ADMITISTANCE OF THE ADMITI

3.1 CONCRETE NOTES

- ALL CONCRETE THAT IS LESS THAN 2'-0" BELOW FINAL FINISHED GRADE, WITH THE EXCEPTION OF INTEROR SLABS ON GRADE OR DECK, SHALL BE ASTM C260 AIR-ENTRANED AT A RATE OF 6X (*/-1.5X).
- CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL AS OUTLINED HEREIN AND SHALL BE INDICATED ON THE APPLICABLE REINFORCING STEEL SHOP DRAWNIGS. UNLESS NOTED OTHERWISE:

TOP T/4 (2" MAX.): T = SLAB THICKNESS IN INCHES SAME AS BOTTOM COVER FOR FOUNDATIONS (3")

- FOURANTONS AND STRUCTURAL BASE SLABS:
 AT FORBED SURFACES & BOTTOMS BEARING ON CONCRETE WORK MAT. 2 N. AT WAFGRABE SURFACES INCLODE BOTTOMS IN CONTACT WITH SORS. 3 N. OWER TOP OF POTTOMS. 2 NY. OWER TOP OF PILES. 2 NY.
- EXPOSED SURFACES:

 NO REINFORCING IN AREAS EXPOSED TO EARTH, WEATHER, SENAGE, WATER OR HIGH HUMBITY SHALL HAVE COVER LESS THAN 2".
- 3. CENTER ALL FOOTHICS UNDER HALL, PIER OR COLLINN ABOVE UNLESS
 OTHERWISE INDICATED
- PROMDE CORNER BURS AT ALL CONCRETE WALL CORNERS AND INTERSECTIONS. CORNER BARS SHALL BE LIP SPLICED WITH THE FACE HORIZONTAL BURS AND ARE TO MATCH THE FACE HORIZONTAL BURS IN SZE, CRADE AND SPACING, UNLESS ONHERINSE SHOWN.
- 5. UNLESS ORBERNISE BORCATED, CONTINUOUS WALL FOOTBOS SWALL BE TWICE THE MOTH OF THE WALL ABOVE AND THE FOOTBOC THICKNESS SWALL BE EXAM. TO THE WORLD ABOVE THE WARM FOOTBOCK SWALL BE EXAM. TO THE WORDH OF THE WARM FOOTBOCK SWALL BE ONE FOOT PROVIDE (3) AF CONTINUOUS BOTTOM BUSS, WITH AF AT 24" CD. TRANSPORTER BUSS, SHIRM DIRECTORS SHOWS HORSENS SHOWN DIRECTORS SHO
- ALL CONCRETE FLAT WORK, SUCH AS FLOOR SLABS, SHALL BE WET CURED FOR A MINIMUM OF SEVEN DAYS OR BY A CURING METHOD APPROVED BY THE PROJECT MECHIFICITY.

3.2 SLAB NOTES

- I. UNLESS NOTIOD ORGANISS, ALL INTEROR AND EXTEROR SLASS ON GRADE SMALL BE REPOYDRED MITH TREBUSERS DO'T IS MANUFICINERS BY PROPEO CONDECTE. STRISLE, OR APPROPED EXAMELED, AT INTEL DOSONE SMET OF ONE AND A HALF POUNDS FOR CUBE VAND OF CONDETTE. REBEST SMALL CHIEF HAS SALL FIRST SMALL CHIEF BEST SMALL ONLY DE AMBIGUEDON MIS DO SODICIONO CERTIFICA PACALITY. THE REBUS SMALL ONLY DE AMBIGUEDON MIS DO SODICIONO AT THE BUILDY THE PROPER SMALL ONLY DE AMBIGUEDON TO THE CONCRETE MIX AT THE BUILDY FOR THE PROPER SMALL ONLY DE AMBIGUEDON.
- PROVIDE ADDITIONAL BAR REINFORCEMENT IN SLABS AT ALL RE-ENTRANT CORNERS, ACUTELY ANGLED SLAB BOUNDARIES AND PENETRATIONS, AS SHOWN IN THE TYPICAL DETAILS.
- Some in the Typical Lebas.

 Same of Groupe Carties.

 Same of Cart

3.3 CONCRETE TESTING

- GENERAL: UNLESS SPECIFICALLY NOTED OTHERWISE, QUALITY ASSURANCE OF CONCRETE IN PLACE SHALL COMPLY WITH THE PROMISIONS OF ACT 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE", QUARRENT EDITION.
- SINGUING, CONCRETE, CRESCHI LERION
 STANDARD LEVEL, ON LESTS IN POPE OF DISCHARGE FOR DICH POUR SESSION FOR
 DICH THE OF CONCRETE, ADMITIONAL TESTS INFOLL CONCRETE CONCRETION STEEDS IT
 DICH THE OF THE OFFICE OF THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OWNER OWNER OF THE OWNER OW
- AIR CONTENT: ASTA C173 VOLUMETRIC METHOD FOR LIGHT WEIGHT CONCRETE; ASTA C231 PRESSURE METHOD FOR MORMAL WEIGHT CONCRETE; ONE FOR EACH POUR SESSION FOR EACH TYPE OF AIR-ENTRAINED CONCRETE.
- 4. CONCRETE TEMPERATURE: TEST HOURLY WHEN AR TEMPERATURE IS 40 DEGREES F (4 DEGREES C) AND BELOW; AND WHEN 80 DEGREES F (27 DEGREES C) AND ABOVE; AND EACH TIME A SET OF COMPRESSION TEST SPECIMENS ARE MADE.
- 5. COMPRESSION TEST SPECIMEN ASTAL CALL ONE SET OF (4) STIMMAND CHANGES FOR EACH COMPRESSIVE STRENGTH TEST, MALESS OTHERWISE DRECTED, MOLD AND STORE CHANGES IN LIBORATORY FOR LIBORATORY CHEB TEST SPECIMENS EXCEPT STORE IN
- THE R THIS—CHEED TEST SPECIALS ARE REQUEST.

 COUNTESTANT STRONG HERES ARE LIKE OF SET FOR DOLF PORE \$55500 HOURS DOLF OF SET FOR DOLF PORE \$55500 HOURS DOLF OF SET FOR DOLF CHEES OF SET FOR SET FOR

4.1 CONCRETE MASONRY NOTES

- ALI BLOOKS SHALL BE LIGHTWIGHT, MOSTURE CONTROLLED (ASTA C90), AND SHALL BE LIND IN RUNNING BOND, UNILESS HOTED OTHERWISE HOTHING IN THE STRUCTURAL PLANS IS INTENDED TO DICTATE BOND PATTERNS. VERRY BOND PATTERN RECOURDLEDTS WITH THE ARCHITECT.
- 2. FILL ALL CORES OF CONCRETE BLOCKS SOUID WITH 3000 psi CONCRETE OR GROUT WHERE PLACED PERSAMENTLY BELOW GRADE AND/OR SUB LEVEL.

5.1 ROUGH CARPENTRY NOTES

- ALL WORK SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENTS AND THE FOLLOWING CURRENT DESIGN CODES.
- A "TIMBER CONSTRUCTION MANUAL" INCLUDING CODES OF STANDARD PRACTICE OF THE AMERICAN INSTITUTE OF TRUBER CONSTRUCTION (MIC.).
- "DESIGN CRITERIA FOR TRUSSED RAFTERS", U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (1950.2).
- C. "NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSSES". ANS/TPI 1 CURRENT EDITION.
- CONSTRUCTION & ERECTION PRACTICES:

 A. ANS/TPI 1 "NATIONAL DESIGN STANDARD FOR METAL-PLATE CONNECTED HOOD TRUSS CONSTRUCTION".
- 8. TPI HB "COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING & BRACING METAL PLATE CONNECTED WOOD TRUSSES".
- C. TPI DSB "RECOMMENDED DESIGN SPECIFICATION FOR TEMPORARY BRACING OF METAL PLATE CONNECTED WOOD TRUSSES".
- WOOD TRUSS COUNCIL OF AMERICA, INC. "BIWARHT1x17-P": GUIDE FOR MANDLING, INSTALLING, RESTRAINING & BRACING OF TRUSSES.
- E. WOOD TRUSS COUNCIL OF AMERICA, INC. "B2TEMP--D": TRUSS INSTALLATION & TEMPORARY RESTRAINT/BRACING.
- F. WOOD TRUSS COUNCIL OF AMERICA, INC. "TIBHIBCHECK-D": CHECKLIST FOR HANDLING AND INSTALLING TRUSSES.
- G. WOOD TRUSS COUNCIL OF AMERICA, INC. "67PCT-0": TEMPORARY & PERMANENT RESTRAINT/BRACING FOR PARALLEL CHORD TRUSSES.
- H. WOOD TRUSS COUNCIL OF AMERICA, INC. "TIBFLOOR-D": FLOOR TRUSS FACT
- J. MATERIAL:
 SOUTHERN PME #2, M G K D OR EDUNNLEHT (MARMUM)
 BEHONG SWICLE MODER, FIB 1450 PS
 OHER STRESSCHOTT, E 1750,000 PS
 LAND OF DEPLICITION TO SPAN RATIO 1,500,000 PS
- PRESSURE TREATED LINERS MAY ETHER UTILIZE ALKALINE COPPER QUAT (ACQ-0), COPPER AZQUE (CA-C) OR INDROMAC BORDH (SEX), HOWE OF THESE TREATENTS TRALL COMMAN AUMONA SUBLET CONTROLATES OF PRESSURE TREATING METHODS AND CREMICALS TO THE ARRITECT FOR REVIEW.
- Trusses over 35'-0" span shall be fabricated entirely of southern PNC /1, dense grade, structural kilin dried, or equivalent.
- 4. FABRICATION AND ERECTION:
- IRUSSES:
 A. CAMBER ALL TRUSSES UPWARD SPAN/500.
- A CHARGE ALL ROSSES CHANGE SHAVE BOSH FOR CONCEPTUAL PROPERTY AND THE PROP
- C. TRUSSES SHALL NOT BE FABRICATED PRIOR TO SUCH REVIEW BY THE ARCHITECT.
- LOCITIONS WRITE: A GROOP TRISS; FRAUES AND ANOTHER CROSET TRISS.

 E. AL ESCETION AND TEMPORATE RESULTS, CO. SHALL ES IL OCCORRIGHEST WITH
 THE MANIFACTURESTS' ECCUMBINATIONS AND SHALL ES UNDETWEND HE
 POPURATION PROPONEL, RECEIVED MAY ET PER TOMBRITANT AND
 RECOLLECTIONS OF TO INVESTIGAT. RESULTE AT BURGON BLUTH, FULL
 THE POPURATION AND PERMANDED BURGON, BURGOS SOFTO TRISSES, THE
 TOMBRITANT AND RECOLLEDATIONS FOR BRACING MOOD TRISSES*, TRUSS
 FULL ENTITURE, BUT 1-16.
- PAJE INSTITUTE PROPERTIES FOR SECURITY STATES WITH STATES AND SECURITY SECUR
- C. IF BRACING OF THEB MEMBERS, TO PREMENT BUCKLING, IS REQUIRED BY DESCRIPTION DETAILS OF BRACING SMALL BE SUBMITTED AS PART OF THE SIGNOF/RECTION BOWRINGS, REACOUND THE SEZ OF THE MEMBER, LIMITION OF MEMBER, DESCRIPTION, CETTER OF BRACING, SEZ OF NALS, THE OF MALS, MALIANE PATTERN AND CONNECTION DETAILS.
- H. BECCOM BROWNES SHALL BE COMPLETE WITH LATOUT INDICATING TYPES OF TRISSES, THERE PLACEMENT AND ALL PERMINENT RECIONS REQUIRED FOR THE CONTRICT DOCUMENTS AND THE ATTRICHARDS IS "PROOF BOOK" LETHOD IS DAMFORD, ALL DETAILS OF ATTRICHARDS IF "PROOF BOOK" TO THE "MOTHER TRISS" SHALL BE SHOWN IN DETAIL. GENERAL CARPENTRY:
- A PROVIDE SOLID BLOCKING OF FULL DEPTH FOR WALLS AT 4'-O' ON CENTER FROM BOTTOUS, AND AT 8'-O' ON CENTER FOR ROOF OR FLOOR SUSTS, PROVIDE A MINIMUM OF OHE ROW OF BLOCKING PER WALL OR PER SPAN OF ROOF OR FLOOR JOIST.
- B. PROVIDE MINIMUM (3)—"2 x WIDTH OF WALL STUD" AT EACH END OF OPENINGS TO SUPPORT UNITELS OR BEAUS UNLESS NOTED OTHERMISE
- C. ALL CONNECTIONS IN THIRPER/MODO FINANCE SHALL BE ACHEVED THROUGH SAPSON N-35 FINANCE ANCHORS OR APPROVED COMMULENT, SELECT AND DES SPECIAL PROPOSE CONNECTIONS SUCH AS ODER HAMBER AND COLLIAN ANCHORS, AS NECESSAY, F NOT HOTED IN PLANS. CONNECTIONS BY TOE NAMES HILL NOT BE FEBRUARIES (URLO.)
- ALL FASTERINGS SHALL BE IN COMPLIANCE WITH TABLE 2304.9.1 OF THE KENTUCKY BULLDING CODE. CURRENT EDITION. LINLESS. SHOWN OTHERWISE.

- PSL = PARALLEL STRAND LUMBER ("PARALLAM" BY TRUS JOKST, OR APPROVED EQUIVALENT)
- LSL = LAMMATED STRAND LUMBER ("TIMBERSTRAND" BY TRUS JOIST, OR APPROVED EQUIPMENT)
- TH = MANUFACTURED WOOD "1" JOIST ("THI JOIST" BY TRUS JOIST, OR APPROVED EQUIVALENT)
- MODO FRAMING MEMBERS, OTHER THAN PRE-FABRICATED TRUSSES, SHALL ONLY BE MOTOHED, BORED OR DOLLED PER THE TYPICAL DETAILS, FIELD ALTERATIONS TO THE TRUSSES WILL ONLY BE PERMITTED WITH WRITTEN PERMISSION OF THE TRUSS EMONTER.
- 7. ALL HABING HOT HOTED ON SPECIFIC DETAILS SHALL BE PER THE TYPICAL DETAILS CHIROCAL DRIVE CHIROCAL DRIVE HAD THE COLLING HAUT ATTRIBUTES LISTED.

BELOW:	BOALDING CODES A	ED THE COMMON	NAT VINEBOIE
NAR_TYPE	REO'D, DWANTER 0.113	REO'D, CAGE	TENGUR
84	0.131	11.5	2 1/2*
104	0.148*	9	3- "-
12d	0.148*	9	3 1/4
164	0.162*	8	3 1/2
204	0.192*	6	4"
30d	0.207*	5	4 1/2"

- PROVIDE A MINISTRA OF 1/4-31 SO, ONLYWAYED STEEL PLAKE WINGER UNDER DIGH MIT OF TOWNSHORN MICHOR BOLTS OF SHEAP MILLS. THE MOSE IN THE PLANT WINGERS OF PROMITTED 10 SE GOMBOULT SOUTHD WIND A MIGH OF UP TOWN OF THE PROVIDED STEEL OF THE PROVIDED STEEL OF THE PLANT OF THE PROVIDED STEEL OF THE PROVIDED STEEL STEEL THE PLANT WINGER AND THE MIT.

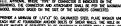
E. IF THE PROJECT COMMANS "DPOSED—TO-NEW LUMBER COMPONENTS, IT IS MANAGORY THAT ALL INFORMACE, SUCH AS TRAMING AMMONES AND JOST WANGESS, ALL ROSALIDA IN A RATA AND IMPROVA MANAGER, ALL FRANCIS AND ORGER MANAGER ALL FRAN



LVL OR M. = LAMINATED VENEER LUMBER ("MICROLLAM" BY TRUS JOIST, OR APPROVED EQUIVALENT)

 $\mbox{SIP} = \mbox{STRUCTURAL INSULATED PANELS ("FISCHERSIPS" BY FISCHERSIPS, IHC., OR APPROVED EQUIVALENT)$





- 10. IN ORDER TO MANAME MODO SHRINGER, ALL LONDBEMBING COMPONENTS
 (MICLIOMON TRANSSES, ACRIST AND BAPTERS) SHALL HAVE A MANAMAN MOSTINE
 CONTROL OF 125 (MOST) BANDS MOURSHOOD TO HEAR STILL ATTER ROOF HAS
 AND MOST AND STRAPS SHALL BE RE-MANIHEDE AND SHEEDED THE
 ACHINESS AND STRAPS SHALL BE RE-MANIHEDE AND SHEEDED TO LOOSE
 CORRECTIONS.
- PLUMBING, MECHANICAL, ELECTRICAL AND DRYWALL SUB-CONTRACTORS SHALL ACCOUNT FOR A MAXIMUM DIFFERENTIAL SHRINKAGE OF 1/1" PER FLOOR IN ALL CONDUITS, DUCTS, PIPING, CONNECTIONS, ETC.
- ALL SLL PLATES IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESERVATIVE TREATED (P.T.) HOOD. WOOD FRALING MEMBERS IN DIRECT CONTACT WITH CONCRETE OR MASONRY SHALL BE P.T. WOOD.
- 13. ALL PASTEMENS, INCLUDING MITS & MINCHESS, IN COUNTECT WITH PROSERVAINCE TREATED WOOD SHALL BE HOT-DR POLAWARED OR STAMELESS STELL. THE COUNTER WOODS SHALL BE HOT-DR POLAWARED OR STAMELESS STELL. THE MOOD SCRIPES AS LACE SCRIPE AND ASSESSMENT OF THE MOOD SCRIPES AS LACE SCRIPE AND ASSESSMENT OF THE MOOD SCRIPES AS LACE SCRIPE AND ASSESSMENT OF THE MOOD SCRIPES FOR ASSESSMENT OF THE MOOD ASSESSMENT FOR PASTEM BOOS, CLASS SCRIPE AND ASSESSMENT OF THE MOOD ASSESSMENT FOR PASTEM BOOS, CLASS SCRIPE AND ASSESSMENT OF THE MOOD ASSESSMENT FOR PASTEM BOOS, CLASS SCRIPE AND ASSESSMENT OF THE MOOD ASSESSMENT OF THE MOOD

RANGASWANT AND ASSOC., II.
The Old Portland Building
SS9 Weet Market Street, Solte 200
Louiseline, Formulay 44202.
Louiseline, Formulay 44202.
Phone: (1922) 888-221.
Web : www.rangaswamy.com



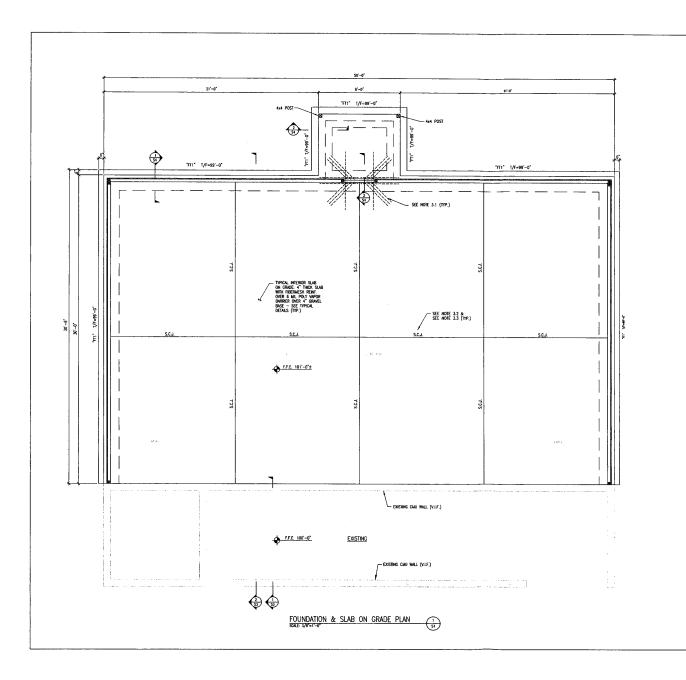


Bullitt East High School forage/Locker Room Addition Mount Washington, Kentucky

DRAWN BY: ΑE CHECKED BY AE 8/10/18

GENERAL **PROVISIONS**

SO



GENERAL NOTES:

FOUNDATION NOTES:

SLAB ON GRADE NOTES:

- 3.1 PROVIDE ADD'L REINF. SLAB RE-ENTRANT CORNERS PER TYPICAL DETAIL 5/SS
- 3.2 SLAB CONSTRUCTION/CONTROL JOINT LOCATIONS, INDICATED ON THE PLANS AS CLI OR SCI., ARE CONCEPTUL ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE FINAL LATOUT & PLACEMENT OF THE REGULET DAYS DAYS AS NOTED IN THE CORECUL PROSPERS AND TYPICAL DETAILS. SUBJETT JOINT LATOUT SCHEMARIC TO ARCHITECT FOR REVIEW PRIOR TO SLAB POURS.
- 3.4 ALL FLOOR DRAWS MAY NOT BE SHOWN. COORDWATE EXACT LOCATIONS AND QUANTITIES WITH THE PLUMBING DRAWNISS, PROMOE POSTING SLOPES/MARPS TO THE FLOOR SLAB BY ORGER TO PROVIDE REQUIRED DRAWNINGS. COORDWATE FLOOR INSIDES WITH THE ARCHITECT

STRIP FOOTING TYPE:

"FTI" - 2'-0" WIDE x 12" THICK #/(3) #4 LONGIT. & #408" C/C TRANSV. AT BOTTOM, SEE PLAN FOR TOP OF FOOTING ELEVATION.

LEGENDS:

2x4 WOOD STUD WALL WITH APA RATED SHEATHING 19/32 THK. w/10d COMMON NALS @ EDGE NALING @ 6" O.C. AND FIELD NALING @ 12" O.C.



12 THE CRISING STRUCTURE ELECTRIC SHOWN ON THE DRIVEN MAY REEN TRANSCRIBED MADE CONTACT OF THE CRISING SHOWNERS, CRISINGERD SALE, RED YEARY DESTRUCTION OF THE CRISING SHOWNERS, CRISINGERD SALE, RED YEARY DESTRUCTION ADMINISTRATION OF THE RESPONSE OF THE RESPONSE OF THE CRISINGER CONTRICTOR. THE GREEK CONTRICTOR SERVICE SERVICE FOR REVIEWABLINNER THE DESIRICATION ELECTRIC DAVID THE CRISINGER CRISINGER SERVICE TO AMOUNTED CONCEPTION OF THE RESPONSE.







Bullitt East High School Storage/Locker Room Addition Mount Washington, Kentucky

& SLAB ON

S1

AE CHECKED BY: ΑE 8/10/18

FOUNDATION GRADE PLAN

