# STORAGE BUILDINGS B,C,D,E BBL STORAGE, LLC 4845 HWY 5555 SPRINGFIELD, KY 40069

# **ARCHITECT**:

**KEYES ARCHITECTS AND ASSOCIATES** 4717 PRESTON HIGHWAY LOUISVILLE, KENTUCKY 40213 PH: (502) 636-5113 CONTACT: JOY WILSON EMAIL: JWILSON@KEYESARCHITECTS.COM ARCHITECT: CHARLES J. KEYES III

# OWNER:

BBL STORAGE, LLC 4845 HWY 555 SPRINGFIELD, KY 40069 502-507-1290 MICHAEL SALSMAN MSALSMAN1261@GMAIL.COM

# **CONTRACTOR:**

BCD, INC. 1962 FILIATREAU LANE BARDSTOWN KY 40004

JASON HARROD JHARROD@BARDSTOWN.COM

| whites I. Keys                                | PROJE   | CT INFORM            | ΙΑΤΙΟ                        | N           |  |  |
|---|---|----------------------|------------------------------|-------------|--|--|
| HEALSTERNES<br>3470<br>COMMENTIN<br>TRANSPORT | APPLICABLE BUILDING<br>BUILDING CODE / KBC<br>ACCESSIBILITY CODE<br>117.1<br>ENERGY CODE / IECC | :<br>/ ANSI 20       | 2018<br>009 / 2010 A<br>2012 | NSI         |  |  |
| "THINKING STREET                              | USE AND OC  | CUPANCY: H3 - WAR    | EHOUSE                       |             |  |  |
|   | CONSTRUCT   | ION TYPE: II-B       |                              |             |  |  |
|   | BUILDING INFORMATIO<br>EXPLOSION PROOF W<br>SPRINKLER RISER RO                                  | IRING - NO HEATING C |                              |             |  |  |
|   | TOTAL BUILI<br>FIRE SUPPRESSION: F  |                      |                              | 43,400 s.f. |  |  |
|   | OCCUPANCY ALLOWANCE   |                      |                              |             |  |  |
|   | FUNCTION OF SPACE   | ALLOWANCE            | AREA                         | OCCUPANCY   |  |  |
|   | WAREHOUSE   | 500 GROSS            | 43,400                       | 86          |  |  |
|   |   |                      |                              |             |  |  |

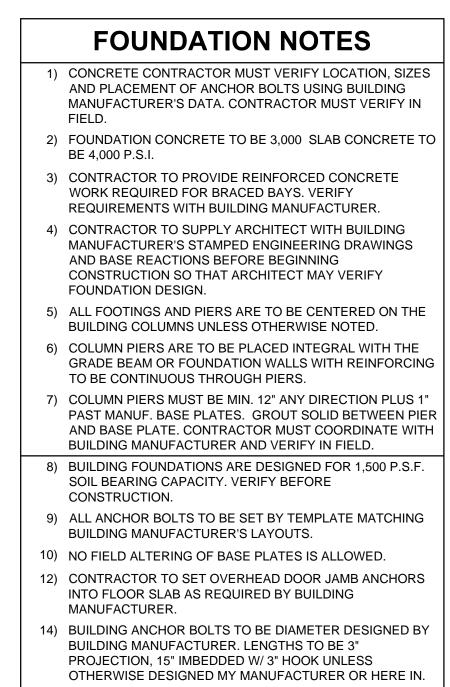
BASED ON THE BLOW COUNTS MEASURED BY MEANS OF OVERALL SITE FROM THE GEOTECHNICAL ENGINEERS TESTING, THE SOILS ENCOUNTERED AT THAT LEVEL ARE COMPETENT TO SUPPORT FOUNDATIONS DESIGNED BASED ON AN ALLOWABLE NET BEARING CAPACITY OF UP TO 2,500 POUNDS PER SQUARE FOOT. BY THE 2015 EDITION OF THE INTERNATIONAL BUILDING CODE, THIS IS A VERY DENSE SOIL AND SOFT ROCK PROFILE, SITE CLASS C. THE SPECTRAL RESPONSE ACCELERATION COEFFICIENTS, FOR THIS AREA, AS PROVIDED BY U.S.G.S., FEMA DESIGN PARAMETERS ARE: SS = 0.184 G SMS = 0.220 G SDS = 0.147 G S1 = 0.100 G SM1 = 0.170 G SD1 = 0.118 G

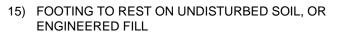
TOTAL OCCUPANCY ALLOWANCE:

86

| ISS | UE DATI |                |
|-----|---------|----------------|
| RE\ | /ISIONS | NOTE<br>SYMBOL |
|     |         |                |
|     |         |                |
|     |         |                |
|     |         |                |
|     |         |                |
|     |         |                |
|     |         |                |
|     |         |                |

| Sheet List Table    |                                 |  |  |  |  |  |  |
|---------------------|---------------------------------|--|--|--|--|--|--|
| Sheet Number        | Sheet Title                     |  |  |  |  |  |  |
| T1.01               | Title Sheet                     |  |  |  |  |  |  |
| Foundation Plans    | & Details                       |  |  |  |  |  |  |
| F1.01               | Foundation Plan                 |  |  |  |  |  |  |
| F2.01               | Foundation Details              |  |  |  |  |  |  |
| Life Safety Plans   |                                 |  |  |  |  |  |  |
| LS1.01              | Life Safety Plan                |  |  |  |  |  |  |
| Floor Plans         |                                 |  |  |  |  |  |  |
| A1.01               | Floor Plan                      |  |  |  |  |  |  |
| Exterior Elevations | 5                               |  |  |  |  |  |  |
| A2.01               | Exterior Elevations             |  |  |  |  |  |  |
| Schedules and Sta   | andards                         |  |  |  |  |  |  |
| A3.02               | Accessibility Site Details      |  |  |  |  |  |  |
| Details & Sections  |                                 |  |  |  |  |  |  |
| A5.01               | Wall Sections and Details       |  |  |  |  |  |  |
| A5.02               | Wall Sections and Stair Details |  |  |  |  |  |  |
| A5.03               | Stair Details                   |  |  |  |  |  |  |
| A6.01               | Door Details                    |  |  |  |  |  |  |
| Specifications      |                                 |  |  |  |  |  |  |
| SP1.01              | Specifications                  |  |  |  |  |  |  |
| SP1.02              | Specifications                  |  |  |  |  |  |  |





D 9'-0" x 9'-0" x 2'-0" MIN (13) #5 BARS E.W. TOP AND BTM.

E 6'-6" x 6'-6" x 2'-0" MIN (9) #5 BARS E.W. TOP AND BTM.

FOOTING SCHEDULE

MIN. PIER

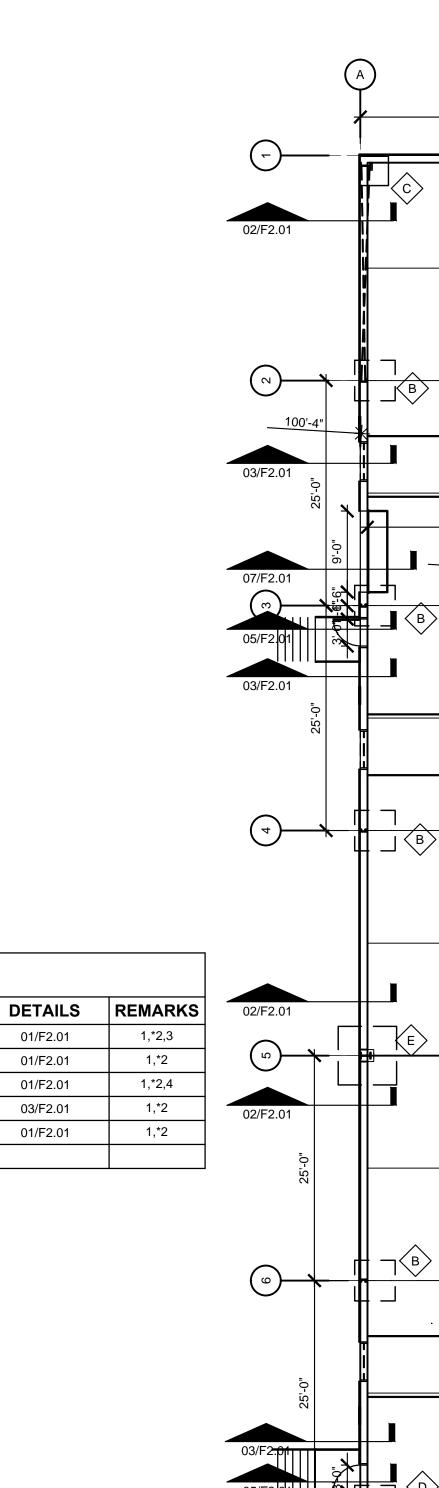
\*12" x 24"

REINFORCING

(9) #5 BARS E.W. TOP AND BTM.

(6) #5 BARS E.W. BTM.

(5) #5 BARS E.W. BTM.



03/F2.01

02/F2.01

100'-4

ק<₿〉

\_\_\_\_11'-0"

 $\checkmark$ 

## **REMARKS**

TYPE

В

С

F

SIZE

4'-6" x 4'-6" x 1'-3"

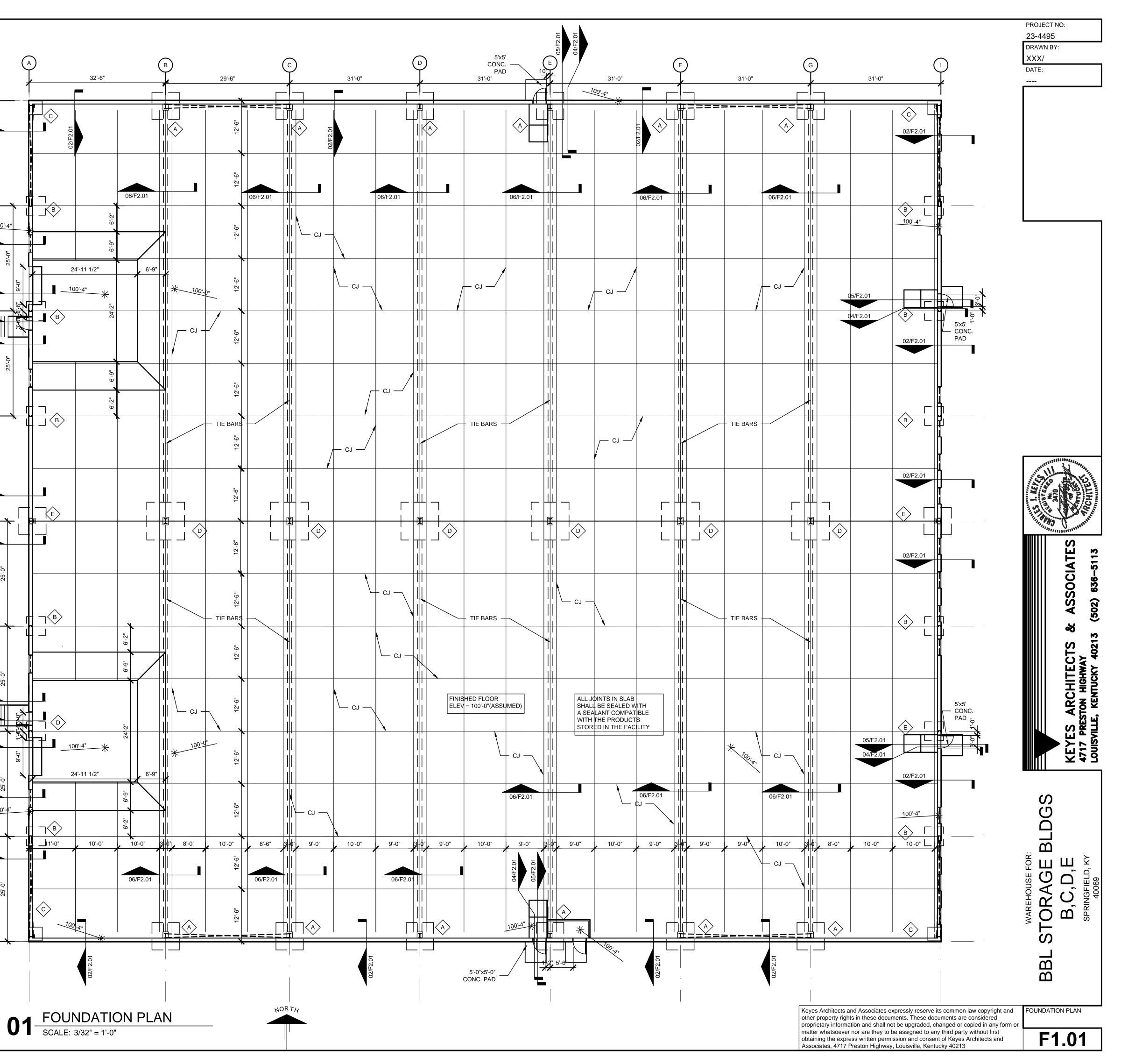
3'-3" x 3'-3" x 1'-3"

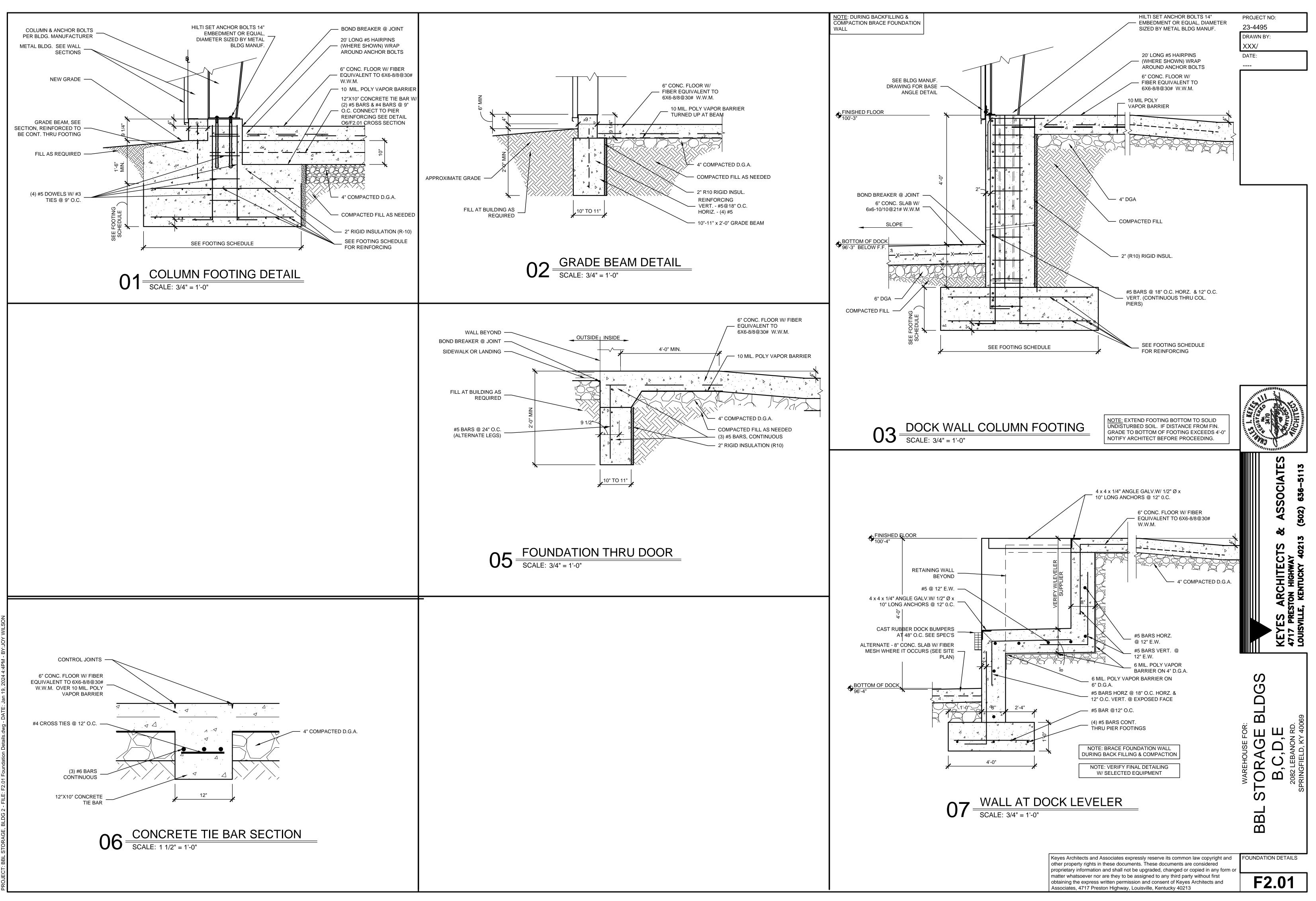
TBD

A 6-6" x 6'-6" x 2'-0" MIN

1. PIER AND FOUNDATION WITH WALL CURB. 2. \*VERIFY ALL PIER DIMENSIONS WITH BASE PLATE SIZES AND CURB DEPTH PRIOR TO FORMING AND POUTING CONCRETE, SEE FOUNDATION NOTE #7

**NOTE**: GENERAL CONTRACTOR RESPONSIBLE FOR COORDINATION OF ALL SUB TRADES AND REQUIREMENTS BY OWNER **NOTE:** ELECTRICAL, HVAC AND PLUMBING TO BE RELOCATED PER FEDERAL, STATE AND LOCAL CODES. GENERAL CONTRACTOR TO COORDINATE.





| LIFE SAFETY PATHWAYS |  |                                   |             |           |            |          |  |  |
|----------------------|--|-----------------------------------|-------------|-----------|------------|----------|--|--|
|                      |  |                                   | тот         | AL TRAVI  | EL DISTA   | NCE      |  |  |
|                      |  |                                   | DOOR NU     | MBER      |            |          |  |  |
| LOCATION             | с  | OMMON PATH                        | EXIT 101    | EXIT 103  | EXIT 105   | EXIT 106 |  |  |
| 1                    | -  | -                                 | 45'-5"      | -         | -          | 125'-5"  |  |  |
| 2                    | -  | -                                 | -           | 51'-1"    | 51'-4"     | -        |  |  |
| 3                    | A  | 8'-1"                             | -           | -         | 128'-7"    | 47'-0"   |  |  |
| PATHWAY KE           | Y PLAN:  |                                   | •           |           |            |          |  |  |
| $\longrightarrow$    | : TRAVEL   | PATH W/ DIRECTION                 | OF FLOW     |           |            |          |  |  |
| (#)                  | : TRAVEL PATH STARTING LOCATION, WHERE "#" = LOCATION<br>COLUMN IN THIS TABLE. |                                   |             |           |            |          |  |  |
| #                    | : COMMON PATH LOCATION, WHERE "#" = LOCATION COLUMN IN THIS TABLE.             |                                   |             |           |            |          |  |  |
| #                    |  | OR LOCATION, WHE<br>NSH SCHEDULE. | RE "#" = DC | DOR IN TH | IS TABLE / | AND IN   |  |  |

| E       | EMERGENCY LIGHT FIXTURE SCHEDULE                           |  |          |  |  |  |  |  |
|---------|--|--|----------|--|--|--|--|--|
| TYPE    | DESCRIPTION  | MODEL#   | BULBS    |  |  |  |  |  |
| ER<br>▽ | EMERGENCY REMOTE HEAD                                      | SEE ELECTRICAL, EXPLOSION PROOF<br>FIXTURES REQUIRED | INCLUDED |  |  |  |  |  |
| EM      | EMERGENCY LIGHT W/ BATTERY<br>PACK REMOTE HEAD WHERE SHOWN | SEE ELECTRICAL, EXPLOSION PROOF<br>FIXTURES REQUIRED | INCLUDED |  |  |  |  |  |
| EXM     | COMBINATION EXIT/EMERGENCY<br>FIXTURE W/ BATTERY PACK      | SEE ELECTRICAL, EXPLOSION PROOF<br>FIXTURES REQUIRED | INCLUDED |  |  |  |  |  |

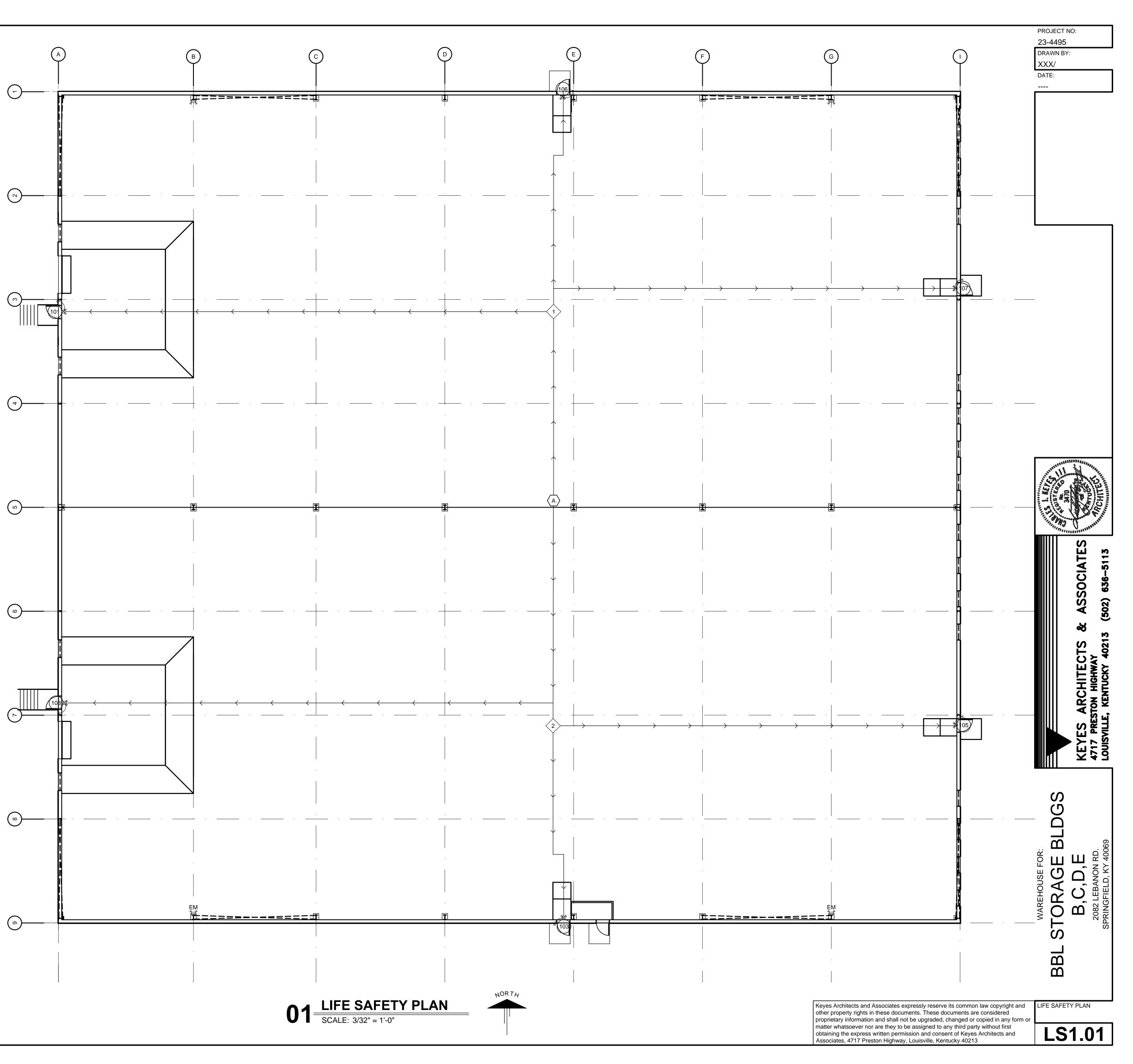
( m)-

(m)-

NOTE: EXIT EMERGENCY LIGHTING IS ON AN "NL" CIRCUIT

| CODE AN           | ALYSIS                       |   |            |
|-------------------|------------------------------|---|------------|
| CATEGORY          | CODE REFERENCE               | REQUIREMENT/DESIGNA<br>TION                               | PROVIDED   |
| CONSTRUCTION TYPE | TABLE 506.2                  |   | 2-B        |
| OCCUPANCY GROUPS  | TABLE 304.1                  |   | H-3        |
| OCCUPANCY LOAD    | TABLE 1004.1.2               | 500 SF GROSS PER OCCUPANT<br>48 TOTAL OCCUPANTS           |            |
| ALLOWABLE AREA    | TABLE 506.2                  | TABULAR 14,000 SF<br>WITH PERIMETER INCREASE<br>24,500 SF | 24,000S.F. |
| EXIT CALCULATIONS | SECTION 1006.3.2             | COMMON PATH OF EGRESS<br>TRAVEL GROUP                     | 25 FT      |
|                   | SECTION 1017<br>TABLE 1017.2 | EXIT ACCESS TRAVEL DISTANCE                               | 150 FT     |





 WALL LEGEND

 9 1/2" METAL BUILDING GIRTS WITH METAL SIDING

 3 5/8" METAL STUDS WITH ONE LAYER OF 5/8" TYPE x

 GYP BOARD ON EACH SIDE

 \*ALL MATERIALS ARE SIZES LISTED IN THIS LEGEND UNLESS

 OTHERWISE DIMENSIONED ON THIS PLAN OR SPECIFIED IN THE

 DETAILS AT A DIFFERENT SIZE

# **ROOM FINISH SCHEDULE**

| ROOM # | ROOM NAME            | FLOOR    | BASE              | WALLS                | CEILING<br>MTL        | CEILING<br>HGT |
|--------|----------------------|----------|-------------------|----------------------|-----------------------|----------------|
| 101    | WAREHOUSE            | CONCRETE | CONCRET<br>E CURB | OPEN TO<br>STRUCTURE | OPEN TO<br>STRUCTURE  | VARIES         |
| 102    | SPRINKLER RISER ROOM | CONCRETE | -                 | OPEN TO<br>STRUCTURE | 5/8" TYPE X<br>GYP BD | 10'            |

# FINISH SCHEDULE KEY

CONCRETE SEALED CONCRETE FLOOR - SEE SPECIFICATIONS

MECHANICAL WINDOW TYPE OPENINGS SCHEDULE REMAR LETTE SILL SIZE GLAZING FRAME DETAILS R HEIGHT KS PER MANUF. 6'-8" 48"x48" PER MANUF. А 52 3/4" x 52 3/4" PER 6'-8" PER MANUF. В MANUF.

WINDOW SCHEDULE REMARKS

1) MECHANICAL LOUVERS- SEE MECHANICAL DRAWINGS FOR SPECIFICATIONS

| DO         | OR S         |      | DOOR TYPE    |       |              |             |
|------------|--------------|------|--------------|-------|--------------|-------------|
| NUMBE<br>R | SIZE         | FIRE | MATER<br>IAL | FRAME | HARD<br>WARE | DETAILS     |
| 101        | 3'-0"x7'-0"  | -    | H.M.         | METAL | 1            | 01,02/A6.01 |
| 102        | 9'-0"x10'-0" | -    | STEEL        | STEEL | 1            | 03,04/A6.01 |
| 103        | 3'-0"x7'-0"  | -    | H.M.         | METAL | 2            | 01,02/A6.01 |
| 104        | 3'-0"x7'-0"  | -    | H.M.         | METAL | 1            | 01,02/A6.01 |
| 105        | 3'-0"x7'-0"  | -    | H.M.         | METAL | 2            | 01,02/A6.01 |
| 106        | 3'-0"x7'-0"  | -    | H.M.         | METAL | 2            | 01,02/A6.01 |
| 107        | 3'-0"x7'-0"  | -    | H.M.         | METAL | 2            | 01,02/A6.01 |
| 108        | 9'-0"x10'-0" | -    | STEEL        | STEEL | 1            | 03,04/A6.01 |
| 109        | 3'-0"x7'-0"  | -    | H.M.         | METAL | 2            | 01,02/A6.01 |

**NOTE**: ALL DIMENSIONS ARE TO FACE OF STUD **NOTE**: GENERAL CONTRACTOR RESPONSIBLE FOR

COORDINATION OF ALL SUB TRADES AND REQUIREMENTS BY OWNER

**NOTE**: ELECTRICAL, HVAC AND PLUMBING TO BE RELOCATED PER FEDERAL, STATE AND LOCAL CODES. GENERAL CONTRACTOR TO COORDINATE.

DOOR HARDWARE SCHEDULE \*NRP = NON-REMOVABLE PIN

1-1/2 PR. HINGES (NRP)
 1 RIM PANIC WITH OUTSIDE TRIM

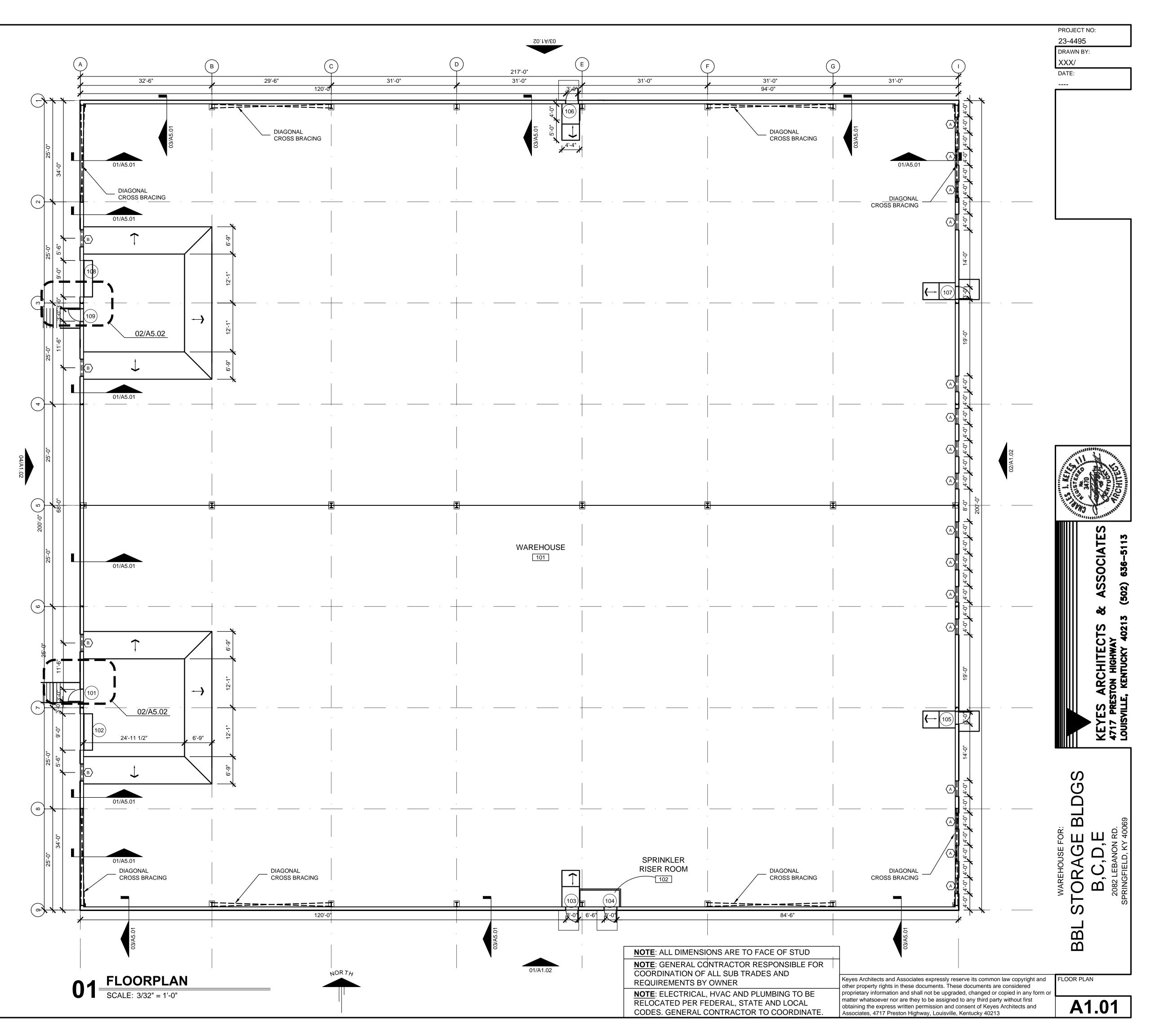
1 CLOSER 1 PICKGUARD

2) 1-1/2 PR. HINGES (NRP)

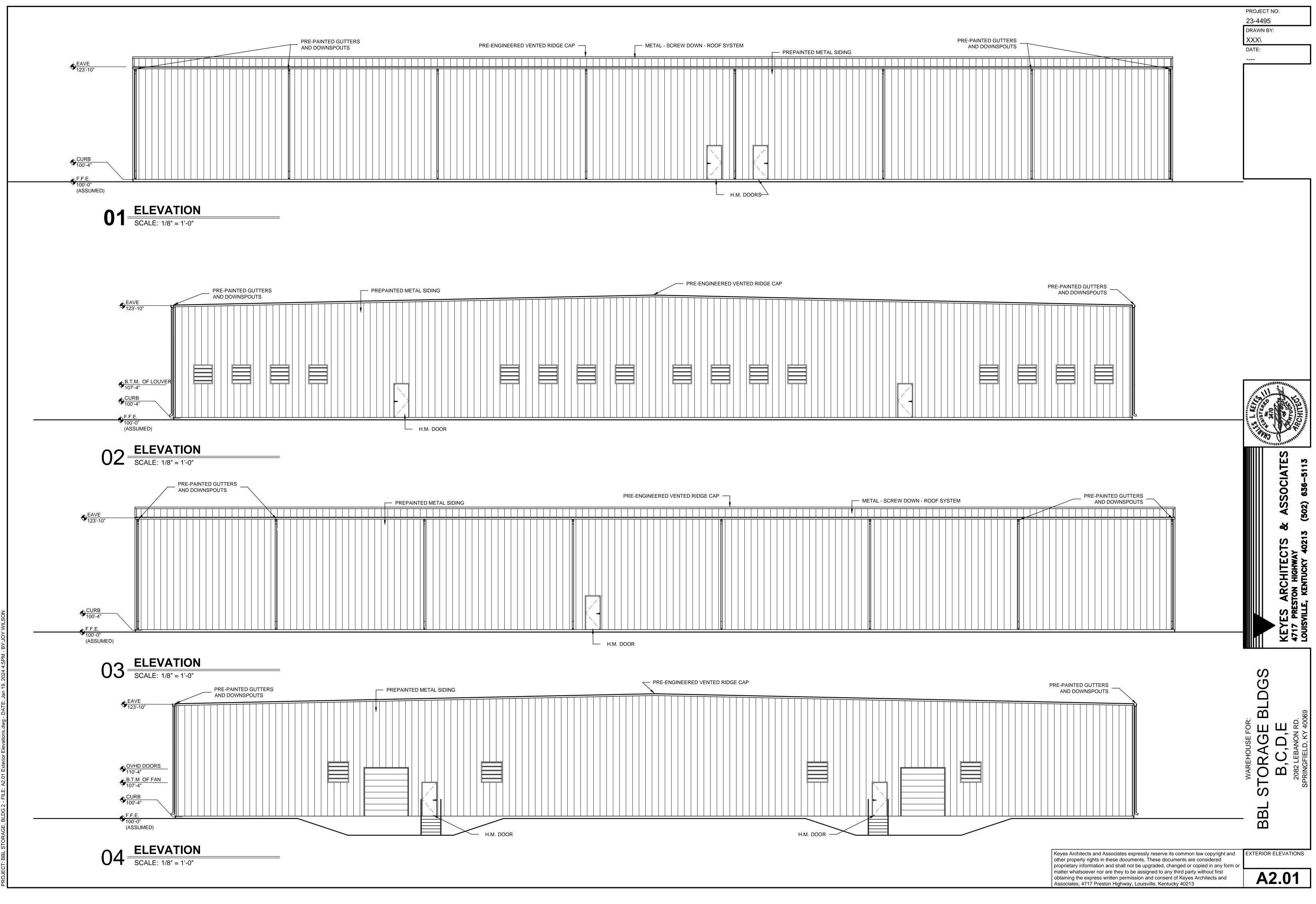
- 1 PANIC DEVICE W/ NO OUTSIDE TRIM
- 1 CLOSER 1 PICKGUARD

3) HARDWARE BY MANUFACTURER

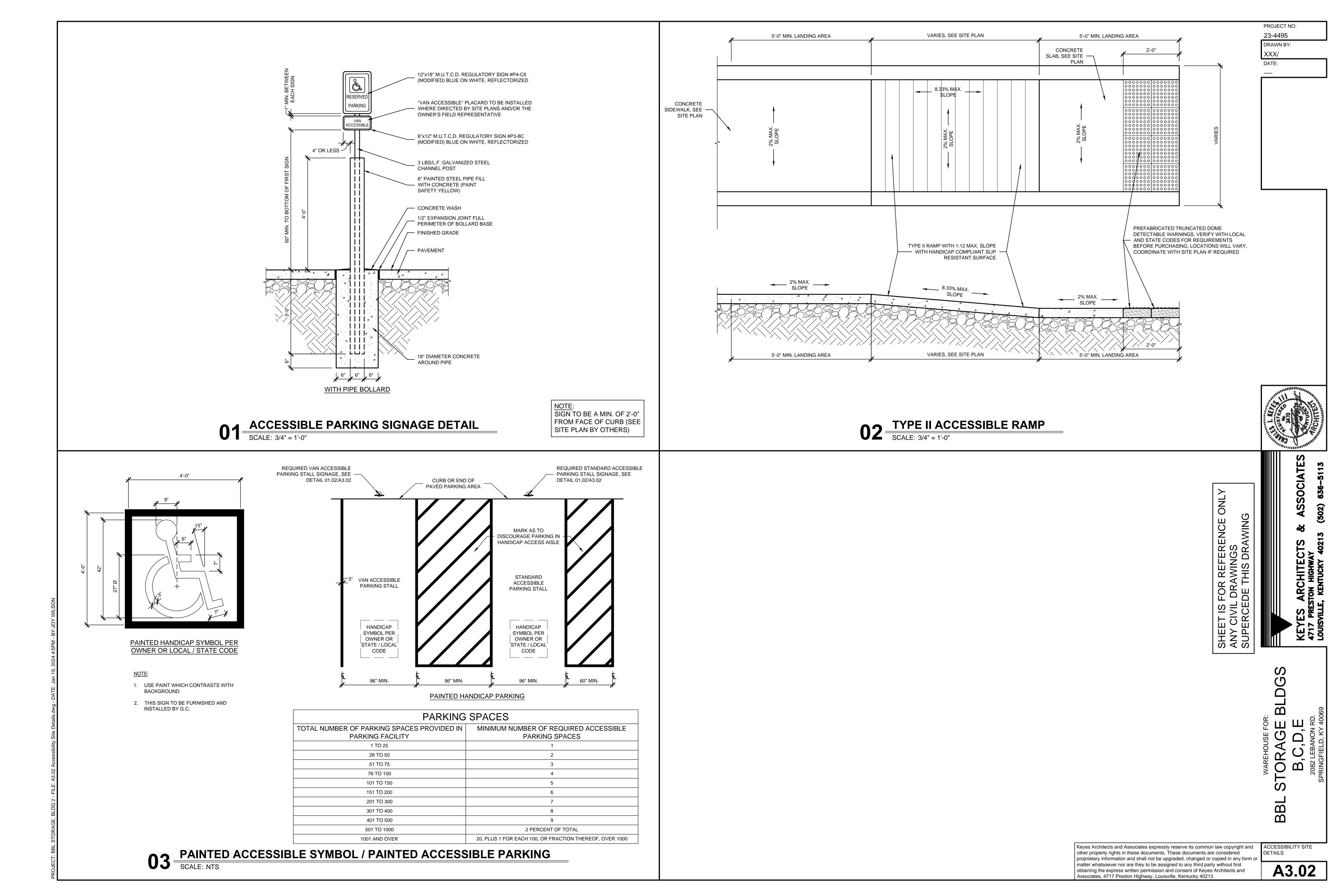
NOTE: ALL DOORS KEYED ALIKE TO MATCH AN EXISTING KEYWAY

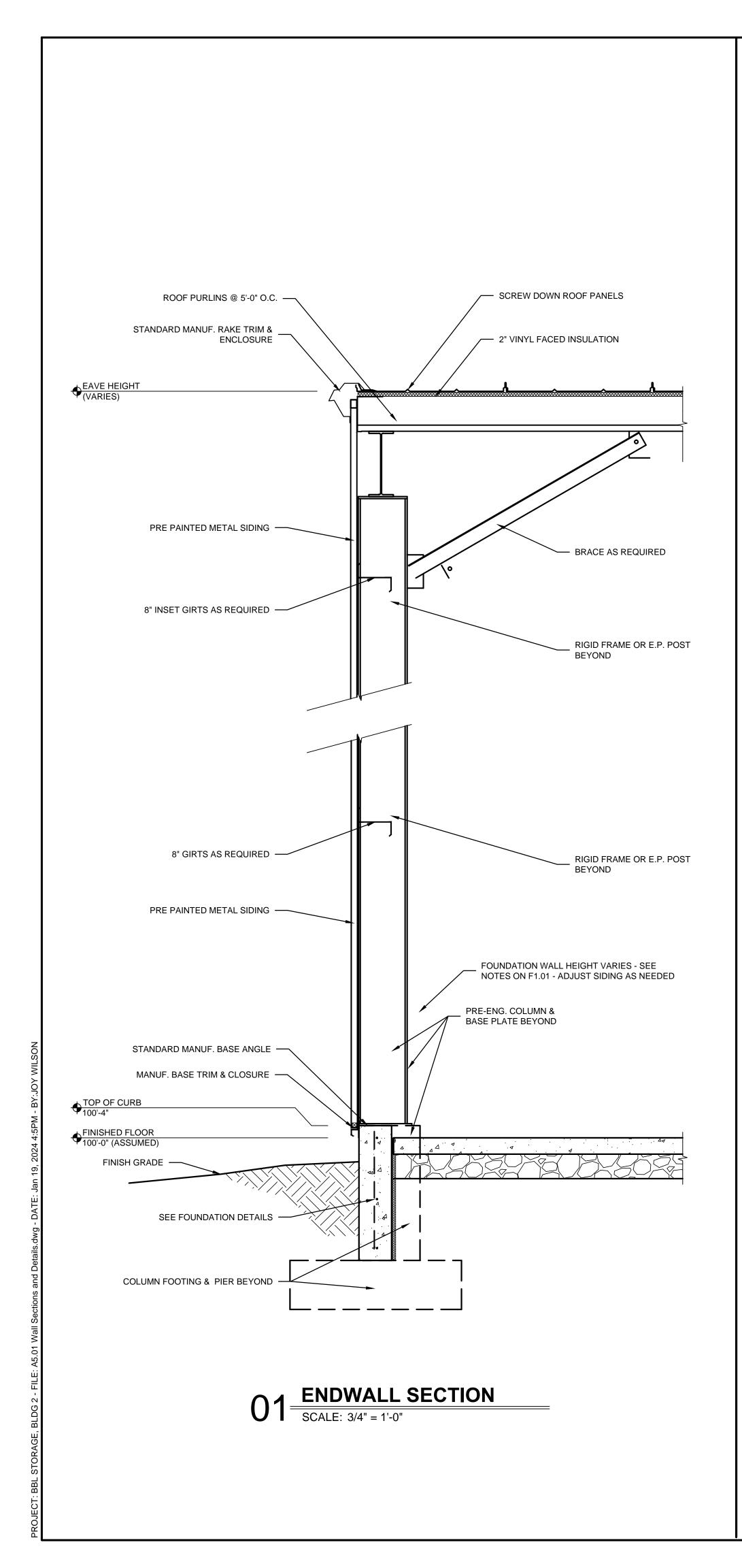


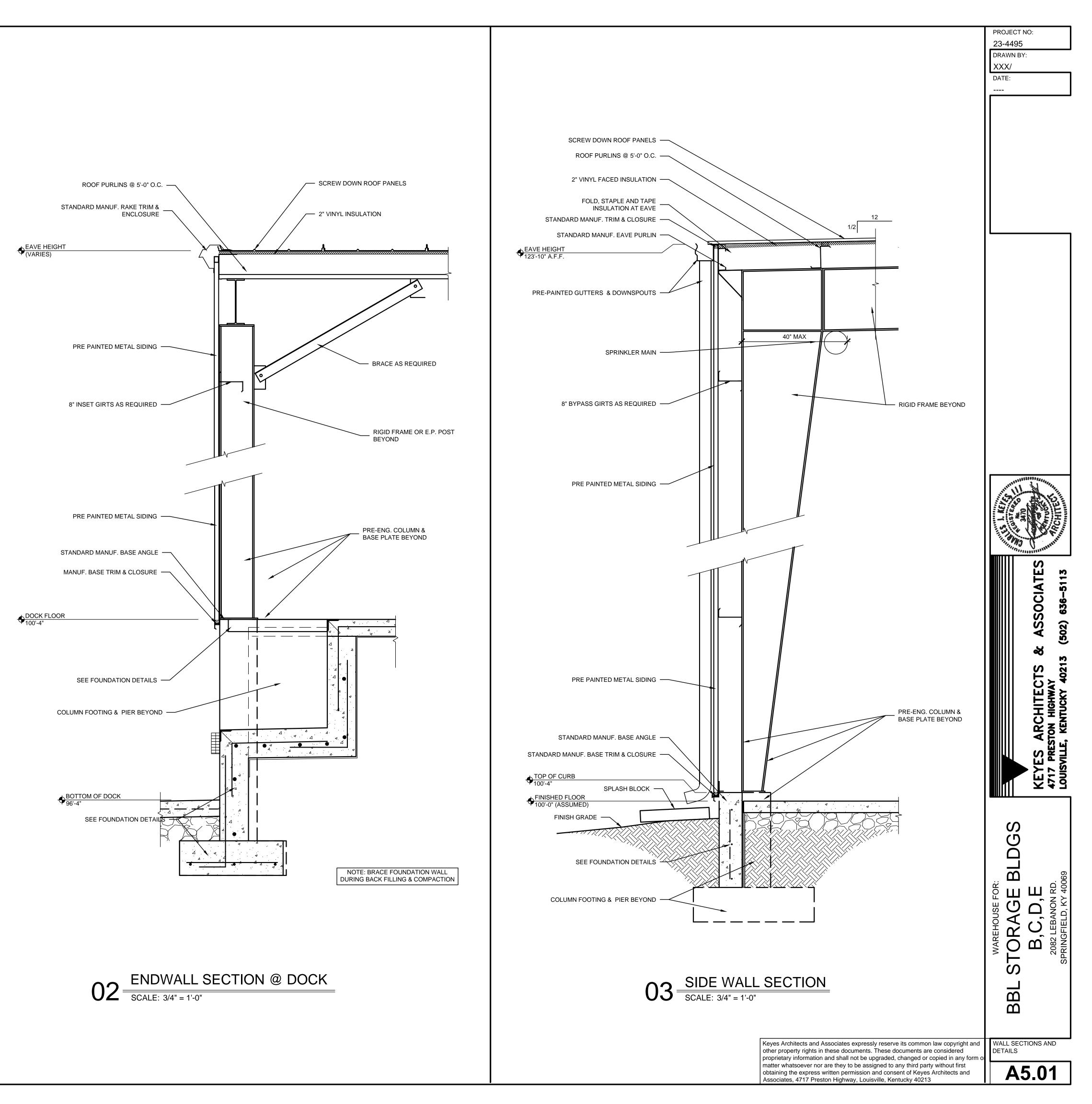
CT: BBL STORAGE, BLDG 2 - FILE: A1.01 Floor Plan.dwg - DATE: Jan 19, 2024 4:5PM - BY:JOY WILSON

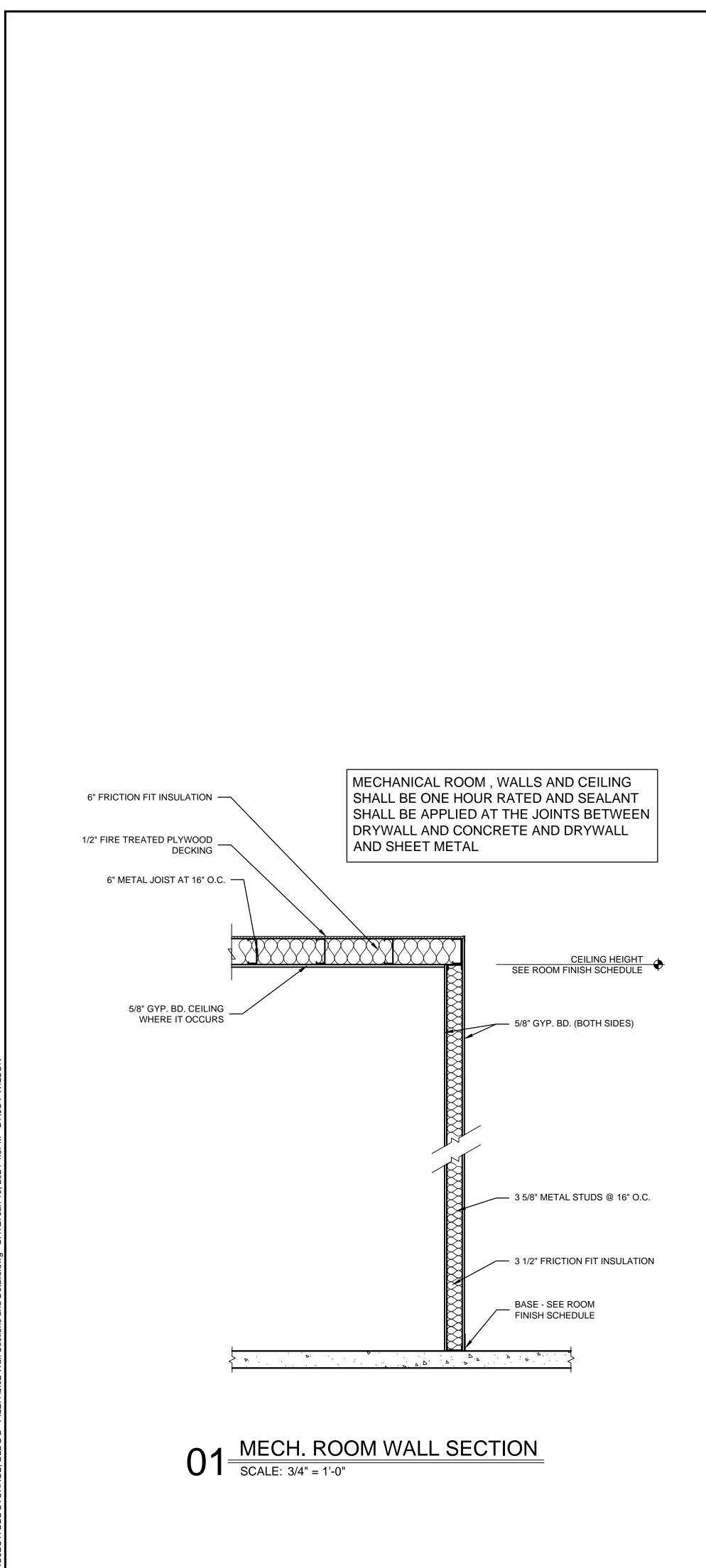


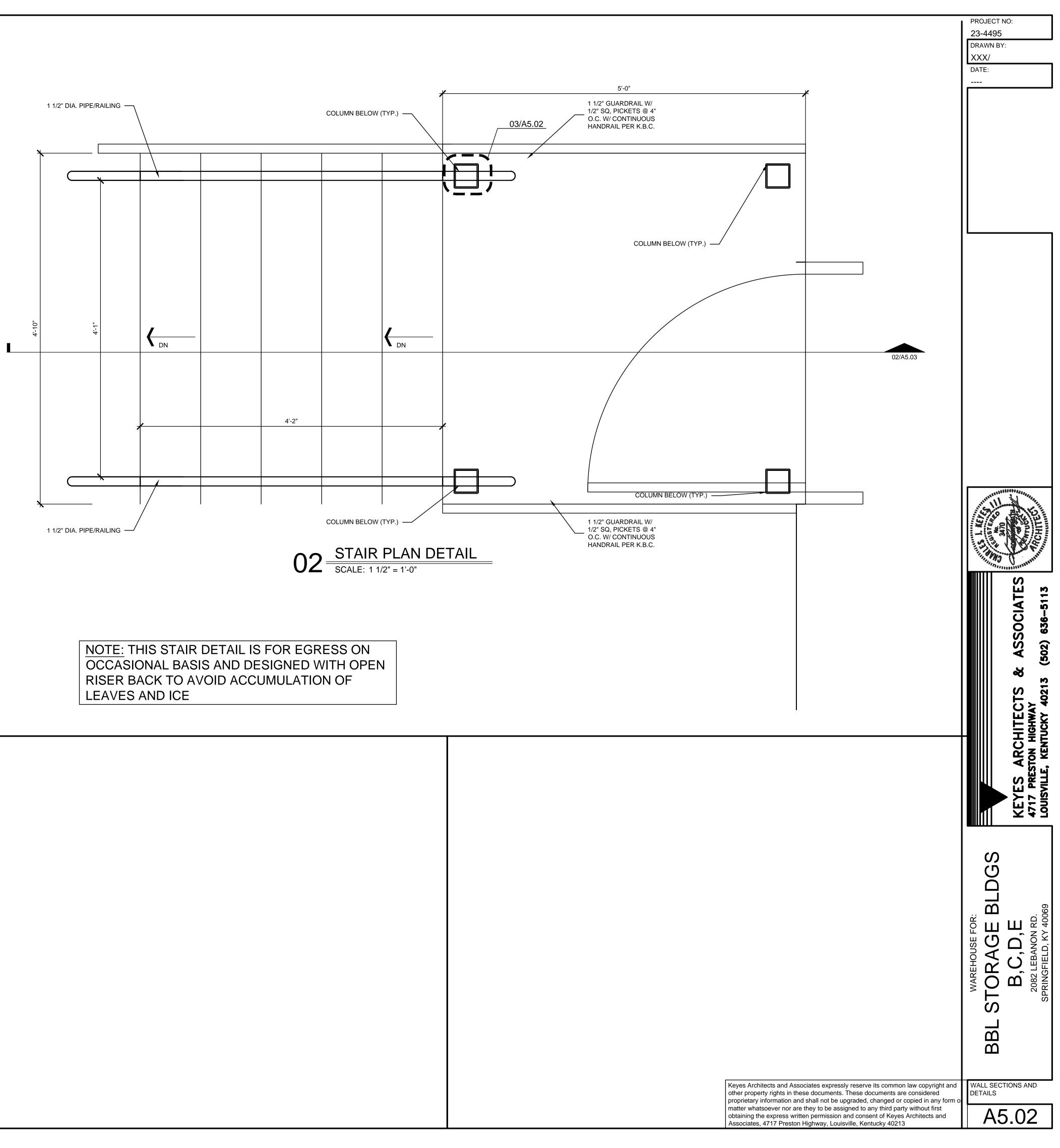
| DING | PRE-ENGINEERED VENTED RIDGE CAP |  |
|------|---------------------------------|--|
|      |                                 |  |

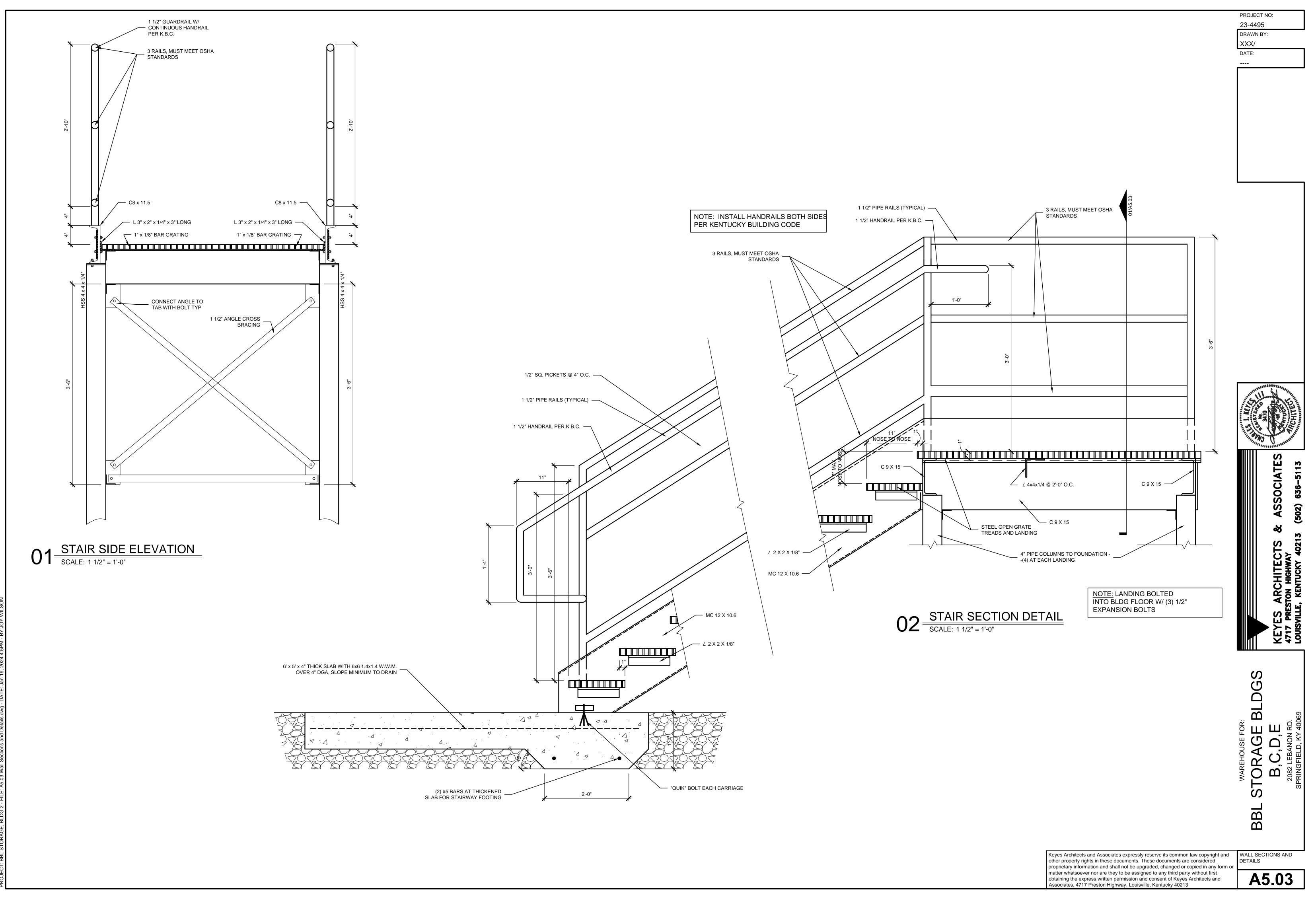




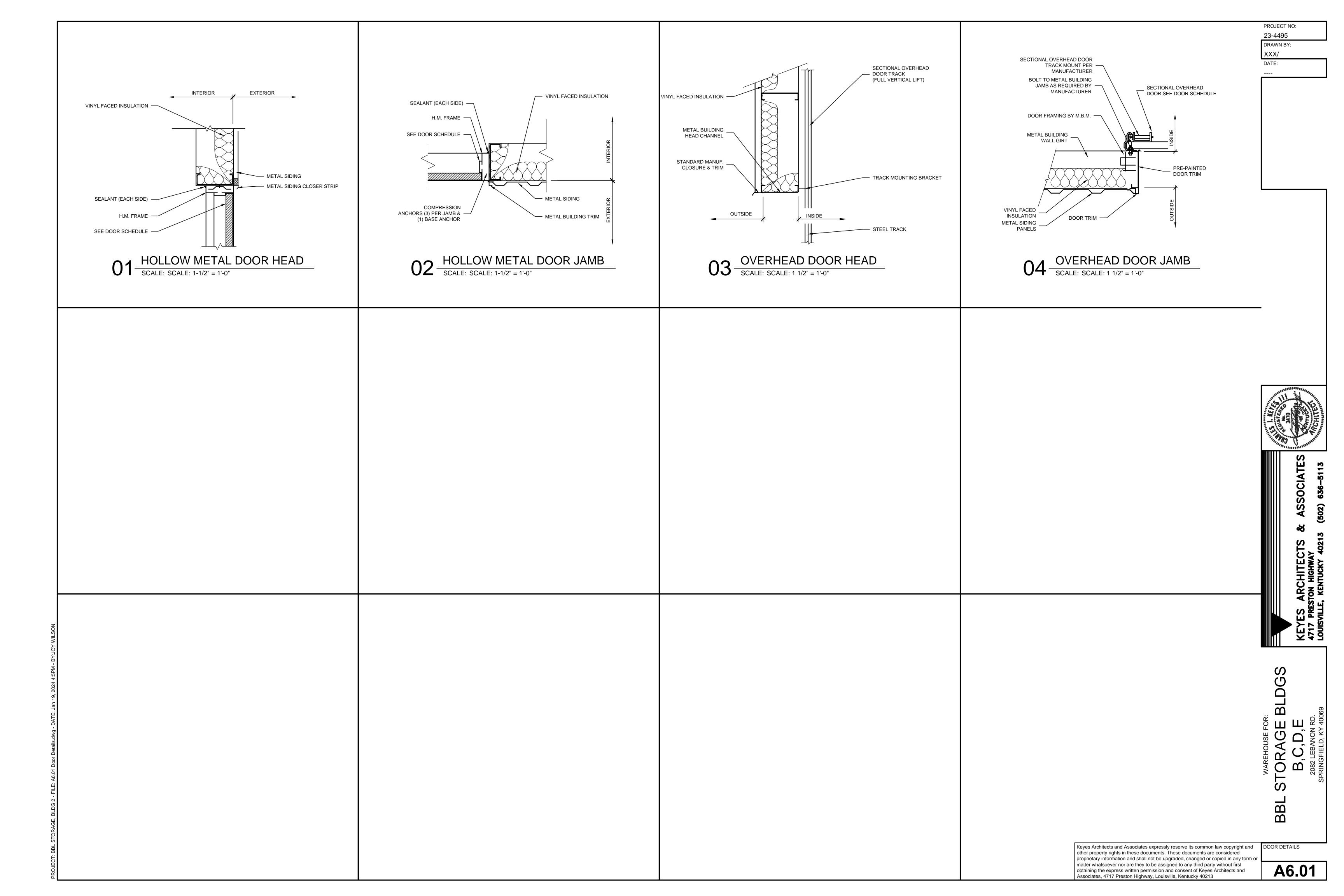








CT: BBL STORAGE, BLDG 2 - FILE: A5.03 Wall Sections and Details.dwg - DATE: Jan 19, 2024 4:5PM - BY:JOY WILSON



| SPECIFICATIONS GO HERE   | E. ASSUMED BEARING CAPAC  |
|--|---|
| BBL WAREHOUSE<br>PROJECT #: 22-4409  | OTHERWISE NOTE ON THE<br>CAPACITY IS NOT ENCOUN<br>CONTRACTOR SHALL NOTI<br>ARCHITECT, ENGINEER, AN   |
| GENERAL NOTES AND SPECIFICATIONS   | OF EXCAVATION.<br>F. BUILDING SLAB AREAS, DR  |
| 01000 GENERAL  | OR FILL ARE TO BE BACKF<br>COMPACTED TO AT LEAST  |
| A. THESE DRAWINGS AND SPECIFICATIONS ARE FOR GENERAL GUIDANCE, WITH THE<br>UNDERSTANDING THAT THE OWNER WILL NEGOTIATE DIRECTLY WITH A CONTRACTOR FOR<br>PROPER EXECUTION OF WORK TO ASSURE COMPLETENESS AND CODE COMPLIANCE.  | TESTING TO BE PERFORME<br>OWNER.<br>G. GENERAL CONTRACTOR TO  |
| B. ALL CONTRACTORS ARE TO GUARANTEE THEIR WORK FOR A MINIMUM OF ONE YEAR FROM<br>DATE OF ACCEPTANCE AND TURNOVER OF A COMPLETED PROJECT. LONGER GUARANTEES<br>ARE REQUIRED WHERE SPECIFIED ELSEWHERE IN THESE DOCUMENTS.   | EITHER THE TRENCH EXCA<br>BE NECESSARY. BIDS ARE<br>AT LOWER AREAS OF THIS  |
| C. CONTRACTOR TO VERIFY THE INFORMATION CONTAINED IN THESE PLANS IN FIELD (V.I.F.)   | H. FURNISH AND INSTALL ALL  |
| AND IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.   | I. SEED AND STRAW ALL DIS<br>J. CONTRACTOR TO INCLUDE   |
| AND SHALL AT ONCE REPORT AND DISCOVERED ITEMS TO THE OWNER AND ARCHITECT ANY<br>ERRORS, INCONSISTENCY, OR OMISSIONS THAT CANNOT BE RESOLVED BY STANDARD<br>INDUSTRY PRACTICES. DO NOT PROCEED WITH WORK UNTIL CLARIFICATIONS HAVE BEEN<br>MADE BY THE ARCHITECT AND NOTIFICATION HAS BEEN GIVEN TO PROCEED.  | CONTROL MEASURES ARE<br>SET FORTH BY THE CIVIL P<br>THE CONTRACTOR WILL BE<br>MEASURES AND MAINTAIN   |
| E. KEYES ARCHITECTS & ASSOCIATES HAS A SET NUMBER OF DRAWING SETS THAT WE HAVE<br>GUARANTEED THE OWNER / CLIENT BY CONTRACT. THESE DOCUMENTS ARE THE OWNER'S /<br>CLIENT'S TO USE AS THEY SEE FIT BUT IT WAS INTENDED FOR THEIR USE TO CREATE<br>ADDITIONAL DOCUMENTS AND FOR PERMITTING PURPOSES. IN ADDITION, KEYES WILL   | OCCURRED BECAUSE OF F<br>RESPONSIBILITY OF THE C<br>FOR THESE PENALTIES UN<br>WERE BECAUSE OF NEGLE   |
| SUPPLY AT NO ADDITIONAL CHARGE A PDF SET OF THE SUPPLIED PAPER SET OF DRAWINGS<br>TO THE OWNER / CLIENT. ANY ADDITIONAL SETS BEYOND THE SETS SUPPLIED WILL BE<br>CONSIDERED EXTRAS AND WILL BE BILLED ACCORDINGLY BY KEYES ARCHITECTS &<br>ASSOCIATES CURRENT RATES TABLE. IT IS THE RESPONSIBILITY OF THE GENERAL   | K. ALL EXISTING EXCAVATED<br>SITE IN AREAS AS DIRECTE<br>SMOOTHED, AND DISCED.<br>INDICATED ABOVE.  |
| CONTRACTOR TO ACQUIRE THIS PDF SET FROM THE OWNER FOR THE PURPOSES OF<br>MAKING ADDITIONAL SETS AND TO PAY FOR ALL NEEDED CONSTRUCTION SETS.   | L. FOUNDATION EXCAVATION  |
| F. BEFORE BIDDING, GENERAL CONTRACTOR AND ALL SUBCONTRACTORS ARE RESPONSIBLE<br>FOR OBTAINING ALL BID DOCUMENTS INCLUDING BUT NOT LIMITED TO CONSTRUCTION<br>DOCUMENTS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR REVIEWING OTHER<br>TRADES WORK THAT DIRECTLY AFFECTS THEIR TRADE, TO ENSURE THAT NO CONFLICT IS   | 1. FOLLOW OSHA AND LOC<br>ANGLE OF REPOSE CAN<br>CONDITIONS. USE FORM<br>STEEPER THAN THE AND   |
| PRESENT. SHOULD A CONFLICT ARISE AS A RESULT OF DESIGN DIFFERENCE WITH OTHER TRADES, SUBCONTRACTOR SHOULD USE INDUSTRY STANDARD PRACTICES TO BID AND   | 2. CUT EARTH NEATLY FOR<br>NECESSARY, TO REMOV  |
| CREATE A PRODUCT TO ACCOMPLISH THE DESIGN INTENT OF THE CONSTRUCTION<br>DOCUMENTS AND INCLUDE IT AS PART OF THEIR BID. THEN THE GENERAL CONTRACTOR   | 3. REPLACE DISTURBED EA   |
| SHALL BE NOTIFIED OF THE INTENDED CHANGES IN ORDER THAT THESE CHANGES CAN BE<br>DISCUSSED WITH THE ARCHITECT AND COORDINATED WITH OTHER TRADES THAT ARE<br>AFFECTED.   | 4. KEEP EXCAVATIONS CO  |
| G. WHERE DRAWINGS DO NOT SPECIFICALLY SHOW HOW WORK IS TO BE EXECUTED, THE   | 5. POUR FOOTINGS ONLY A<br>APPROVED.  |
| SUBCONTRACTOR RESPONSIBLE FOR THE WORK WILL BE RESPONSIBLE FOR FIGURING OUT<br>AND BIDDING AN ACCEPTABLE INDUSTRY STANDARD METHOD OF COMPLETING THE WORK.  | 6. AFTER INSPECTION AND<br>IN EXCAVATION CONDITI  |
| H. WHERE PLANS AND SPECIFICATIONS CONFLICT, SPECIFICATIONS SHALL SUPERSEDE PLANS.<br>WHERE PLANS AND DETAILS CONFLICT, THE MORE DETAILED (LARGER SCALED) ITEM WILL<br>TAKE PRECEDENCE. IF IT IS UNCLEAR AS TO THE INTENT OF THE WORK DUE TO THE<br>CONFLICT, NOTIFY THE ARCHITECT IMMEDIATELY BEFORE PROCEEDING.   | N. TRENCHING AND BACKFILL<br>1. COMMENCE FROM LOW<br>TIMES.   |
| I. CONTRACTORS ARE NOT TO SCALE THE PLANS FOR MISSING OR UNCLEAR INFORMATION.<br>WHERE PLANS ARE UNCLEAR, VERIFY WITH ARCHITECT BEFORE PROCEEDING.   | 2. WIDTH TO BE SUFFICIEN  |
| J. CONTRACTOR'S BIDS ARE TO BE COMPLETE AND TO INCLUDE ALL MATERIAL, LABOR, AND FACILITIES REQUIRED TO COMPLETE THE WORK SHOWN ON DRAWINGS AND SPECIFIED HEREIN.   | <ol> <li>FINAL EXCAVATION TO B<br/>EARTH EXCEPT WHERE</li> <li>AFTER PLACING PIPE, IN</li> </ol>  |
| K. ALL SUBCONTRACTOR QUESTIONS CONCERNING BIDDING, THE DRAWINGS, OR SITE VISITS SHALL BE DIRECTED TO THE GENERAL CONTRACTOR.   | SUFFICIENT BACKFILL U<br>MOVEMENT: DO NOT CO  |
| L. ALL SUBCONTRACTORS SHALL OBTAIN ANY SPECIFIC PERMITS AND CODE REVIEW FOR<br>THEIR TRADE. GENERAL CONTRACTOR WILL OBTAIN OVERALL CONSTRUCTION PERMIT.  | 02741 ASPHALT PAVING  |
| M. THE OWNERS MAY HAVE OTHER CONTRACTORS, WORKERS AND SUPPLIERS ENGAGED ON<br>THIS PROJECT. VERIFY EXACT LIMITS OF RESPONSIBILITY DURING BIDDING AND<br>COORDINATE WITH ALL WORK BEING CONDUCTED UNDER OTHER CONTRACTS.  | A. IF PAVING DETAILS ARE NO<br>HAVE A MINIMUM 6" THICK<br>1" LAYER OF ASPHALT SUR<br>TO BE ADJUSTED AS REQU   |
| N. PAYMENT OF MONTHLY DRAWS FOR WORK COMPLETED TO DATE IS BASED UPON RECEIPT<br>OF LIEN RELEASES AND SITE INSPECTIONS. ITEMS LISTED AS COMPLETE ON THE DRAW BUT<br>NOT COMPLETED TO THE OWNER'S AND ARCHITECT'S SATISFACTION, MUST BE COMPLETED,<br>OR REMOVED FROM THE DRAW BEFORE PAYMENT WILL BE MADE. ALL OUTSTANDING  | B. EXISTING PAVED AREAS TO<br>THEN BE RECONSTRUCTEI<br>OVER EXISTING PAVED AR   |
| INVOICES FOR THIS PROJECT FROM ALL SUBCONTRACTORS AND SUPPLIERS WILL BE PAID<br>AND A LIEN RELEASE ISSUED FROM THE GENERAL CONTRACTOR IN CHARGE BEFORE   | C. ALL PAVING SHALL CONFO<br>INSTALLATION.  |
| PAYMENT WILL BE MADE.<br>O. FINAL PAYMENT OF ALL PORTIONS OF THIS PROJECT IS BASED UPON RECEIPT OF LIEN<br>RELEASES, WARRANTIES, AND MAINTENANCE/OPERATIONS MANUALS FOR ALL ITEMS.   | D. IF PAVING IS ANTICIPATED<br>SPRING. COST OF PAVING<br>UNTIL FINAL COMPLETION.  |
| 01200 IMPORTANT FACILITY/SITE SAFETY NOTES   | 03000 CONCRETE  |
| A. IT WILL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THEIR SUBS TO<br>SECURE THE SITE AND PROTECT THE PUBLIC FROM HARM. THIS INCLUDES, BUT NOT<br>LIMITED TO, SITE FENCING, CONSTRUCTION OF TEMPORARY BARRIER WALLS, AND WARNING<br>SIGNAGE. SEE SECTION 02000 SITE-WORK/FOUNDATIONS FOR ADDITIONAL INFORMATION.   | A. CONTRACTOR TO MAKE (3)<br>(OR FRACTION THEREOF) (  |
| B. THE OWNER AGREES THAT ANY SECTION OF THEIR SITE/BUILDING THAT IS SECTIONED OFF<br>IN THIS FASHION WILL BE UNDER THE CONTROL OF THE GENERAL CONTRACTOR AND THEIR<br>SUBS. THUS, ALL PERSONS NOT UNDER THE DIRECT CONTRACT OF THE GENERAL<br>CONTRACTOR OR KEYES ARCHITECTS & ASSOCIATES ARE NOT ALLOWED WITHIN THE<br>CONSTRUCTION SITE WITHOUT DIRECT APPROVAL OF THE GENERAL CONTRACTOR AND CAN<br>BE ASKED TO LEAVE THE CONTAINED AREA. | FOLLOW THE PRACTICES S<br>AND CURING CONCRETE T<br>PRACTICES FOR SAMPLING<br>THE MIDDLE OF A TRUCK L<br>CYLINDERS ARE TO BE LAE<br>AS THE CONCRETE PLACE<br>FOR TESTING OF THESE SA |
| 02000 SITE-WORK/FOUNDATIONS  | B. INTERIOR FLOOR SLABS AF  |
| A. PERFORM ALL EXCAVATIONS, BACKFILLING, AND GRADING, AS WELL AS PAVING, REQUIRED<br>TO COMPLETE WORK SHOWN. CONTRACTORS SHALL TAKE THIS DATA AND SUBMIT IN THEIR  | THE DIRECTION OF WATER  |
| BID ANY CHANGES NECESSARY FOR COMPLETION OF THE PROJECT. PROVIDE POSITIVE<br>DRAINAGE THROUGHOUT THE SITE FROM THE PARKING AREAS AND AWAY FROM THE   | D. CONCRETE CURING AND S<br>WHICH CURES, SEALS, HAI   |
| BUILDING.<br>B. PROTECT AGAINST DAMAGE TO ANY LAWNS, SHRUBS, TREES, ROADS, WALKS, SIGNS,<br>UNDERGROUND TANKS , ETC., AND OTHER WORK THAT IS TO REMAIN IN PLACE.   | 1. UNFINISHED EXPOSED IN<br>COMSPEC OR APPROVE<br>WORK. APPLY PRODUCT<br>RECOMMENDATIONS.   |
| C. MATERIALS TO BE EXCAVATED ARE ASSUMED TO BE EARTH OR OTHER MATERIALS THAT CAN<br>BE REMOVED BY POWER SHOVEL OR OTHER NORMAL EXCAVATING EQUIPMENT, BUT NOT<br>REQUIRING THE USE OF EXPLOSIVES OR DRILLS. IF OTHER CONDITIONS ARE ENCOUNTERED<br>WITHIN THE LIMITS OF THE EXCAVATION, NOTIFY ARCHITECT IMMEDIATELY.   | 2. ALL OTHER CONCRETES  |

D. ALL BUILDING AND COLUMN FOOTINGS SHALL BEAR DIRECTLY ON UNDISTURBED SOIL, UNLESS SPECIFICALLY DESIGNED OTHERWISE HEREIN TO BEAR ON OTHER SUBSURFACE.

G. ALL CONCRETE FLOORS ARE TO HAVE A VAPOR RETARDER INSTALLED BEFORE THE

CITY AS INDICATED BY OWNER IS 1, 500 LBS. S.F., UNLESS E PLANS OR BY GEOTECHNICAL REPORTING. IF THIS BEARING NTERED AT THE DEPTH SHOWN ON DRAWINGS, THE SITE IFY THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR, ND OTHER PARTIES WILL THEN ESTABLISH AN ADDITIONAL VOLUME

RIVES, WALKS AND PARKING AREAS THAT REQUIRE UNDERCUTTING ILLED WITH LEAN CLAY OR GRANULAR FILL, UNIFORMLY 95% STANDARD PROCTOR (ASTM D698). PERIODIC FIELD DENSITY ED DURING CONSTRUCTION IF REQUIRED AND PAID FOR BY THE

TO INCLUDE ADDITIONAL COST BREAKOUT IN THEIR INITIAL BID FOR AVATION OR MASS EXCAVATION OF ROCK IF IT IS DETERMINED TO E TO INCLUDE ALL MARKUP, OVERHEAD, DISPOSAL, AND GRADING S SITE.

SITE ITEMS AS SHOWN ON THE DRAWINGS OR LIST HEREIN.

E ALL EROSION CONTROL MEASURES NECESSARY. EROSION TO FOLLOW THOSE POLICIES, STANDARDS AND PRACTICES AS PLAN AND/OR ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS. E RESPONSIBLE FOR MAINTAINING ALL EROSION CONTROL ING ALL DOCUMENTATION AS REQUIRED. ANY PENALTIES FAILURE TO MAINTAIN THESE CONTROLS SHALL BE THE CONTRACTOR AND THE OWNER SHALL BARE NO RESPONSIBILITY ILESS THERE IS DOCUMENTED PROOF THAT THESE PENALTIES ECT FROM THE OWNER OR HIS REPRESENTATIVES.

MATERIAL THAT CANNOT BE USED AS FILL WILL BE WASTED ON ED BY OWNER. THE MATERIAL WILL BE SPREAD, COMPACTED, THE EXCAVATED MATERIAL WILL THEN BE SEED AND STRAW AS

CAL REQUIREMENTS FOR DETERMINING THE ANGLE OF REPOSE. NO I BE ASSUMED WHEN SOIL IS UNDER ADVERSE MOISTURE IS WHERE CONCRETE SURFACES ARE SHOWN VERTICAL OR GLE OF REPOSE.

R GRADE BEAMS AND FOOTINGS, EXCAVATE BY HAND, IF /E ALL LOOSE MATERIAL AND DISTURBED EARTH.

ARTH AND OVER-EXCAVATED LOCATIONS WITH FILL CONCRETE.

NSTANTLY SHORED AND DEWATERED.

AFTER EXCAVATIONS HAVE BEEN INDIVIDUALLY INSPECTED AND

O APPROVAL, PLACE CONCRETE PROMPTLY BEFORE ANY CHANGE IONS OCCUR.

LING FOR DRAINPIPES

POINT SO EXCAVATION AND PIPE CAN BE KEPT DRAINED AT ALL

IT TO MAKE JOINTS AND COMPACT BACKFILL UNDER PIPE.

BE DONE BY HAND SO PIPE RESTS CONTINUOUSLY ON SOLID BACKFILLED WITH CEMENT STABILIZED SAND.

MMEDIATELY PLACE SOME BACKFILL TO HOLD THE PIPE; COMPACT JNDER THE PIPE TO HOLD IT SECURELY AGAINST ANY POSSIBLE OVER UNTIL INSPECTED.

OT SPECIFIED ON THE SITE PLAN, THEN NEW PAVED AREAS SHALL DGA WITH A MINIMUM 2" LAYER OF ASPHALT BINDER COURSE AND RFACE COURSE ROLLED SEPARATELY. ALL NEW PAVING HEIGHTS JIRED TO MATCH THE EXISTING PAVEMENT HEIGHT.

O BE REPAVED, SHALL HAVE ALL DAMAGED AREAS REMOVED AND D TO MATCH THE ABOVE. INSTALL MINIMUM 1" THICK TOPPING REAS TO REMAIN.

ORM TO STATE HIGHWAY SPECIFICATIONS FOR MATERIAL AND

IN WINTER, THE SURFACE COAT MAY HAVE TO WAIT UNTIL TO BE COMPLETED MAY BE HELD BY THE OWNER (IF NECESSARY)

B) CONCRETE CYLINDER SAMPLES FOR EVERY 150 CUBIC YARDS OF CONCRETE PLACED PER DAY. CONCRETE CYLINDERS ARE TO SET FORTH IN ASTM C31 FOR STANDARD PRACTICE FOR MAKING TEST SPECIMENS IN THE FIELD AND ASTM C172 FOR STANDARD G FRESHLY MIXED CONCRETE. SAMPLES ARE TO BE TAKEN FROM LOAD AND NOT THE BEGINNING OR ENDING PORTIONS. ALL BELED, DATED, AND STORED ON SITE IN THE SAME ENVIRONMENT ED. OWNER, ARCHITECT, OR CONSTRUCTION MANAGER MAY CALL GAMPLES AT ANY TIME. OWNER WILL PAY FOR TESTING AS NEEDED.

RE TO RECEIVE SMOOTH TROWEL FINISH.

VES, WALKS AND STOOPS ARE TO BE LIGHT BROOM FINISHED IN R FLOW, UNLESS NOTED OTHERWISE.

EALING COMPOUNDS ARE TO BE SURFACE APPLIED SOLVENT RDENS, AND DUSTPROOFS.

INTERIOR CONCRETE FLOORS ARE TO RECEIVE "INTRASEAL" BY ED EQUAL. VERIFY EXISTING CONDITIONS BEFORE STARTING CT PER MANUFACTURER'S REQUIREMENTS AND

ALL OTHER CONCRETE SLABS TO RECEIVE "CURE 'N SEAL" BY SAKRETE, "SEAL CURE-25" BY W. R. MEADOWS OR APPROVED EQUAL. VERIFY EXISTING CONDITIONS BEFORE STARTING WORK. APPLY PRODUCT PER MANUFACTURER'S REQUIREMENTS AND RECOMMENDATIONS. BEFORE STARTING WORK, VERIFY THAT SELECTED CURE AND SEAL PRODUCT IS COMPATIBLE WITH THE ANTICIPATED FINISHED FLOOR AND SUB FINISHES. CONCRETE IS PLACED. VAPOR RETARDER IS TO BE AS SPECIFIED IN THE LATEST AS 1745 AND HAVE THE FOLLOWING PROPERTIES: A MINIMUM OF 0.03 PERMEABILITY, 5L PUNCTURE RESISTANCE, AND 45.0 LB./IN TENSILE STRENGTH. RETARDER TO BE INS PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.

- H. MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO THE LATEST REQUIREMENTS OF ACI 318-83.
- ALL EXPOSED 90-DEGREE EDGES OF VERTICAL AND HORIZONTAL CORNERS OF CON SHALL HAVE TOOLED EDGES, UNLESS INDICATED OTHERWISE.
- J. REINFORCING STEEL SHALL BE A615-83 GRADE 60. CONTRACTOR MAY USE FIBERME EQUIVALENT REINFORCING IN 4" SLABS ON GRADE, BUT ELEVATED SLABS MUST HAV REINFORCING AS SHOWN.
- K. WELDING OF OR TO REINFORCING BARS WITHOUT PRIOR APPROVAL OF ENGINEER I PROHIBITED EXCEPT WHERE SPECIFIED ON THE DRAWINGS.
- L. ALL REINFORCING BARS ARE TO BE SUPPORTED IN THE FORM AND SPACED WITH W SUPPORTS MEETING THE REQUIREMENTS OF THE ACI "MANUAL OF STANDARD PRACE FOR DETAILING REINFORCED CONCRETE STRUCTURES" (ACI 315-LATEST EDITION).
- M. ALL DETAILING, FABRICATION, AND ERECTION OF REINFORCING BARS, UNLESS OTH NOTED, MUST FOLLOW THE ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" (ACI 315-LATEST EDITION).
- N. CONCRETE WALKS SHALL HAVE MOLDED EXPANSION JOINT MATERIAL AS SHOWN. F JOINT LAYOUT TO BE APPROVED BY OWNER.
- O.CONTROL JOINTS (C.J.) SHALL BE SAW-CUT A MINIMUM OF 1/4 OF SLAB THICKNESS A A MAXIMUM SPACING AS SHOWN ON THE DRAWINGS.
- P. ALL DIMENSIONS AND GRADES SHALL BE VERIFIED IN THE FIELD (V.I.F.) BY THE CON AND ANY DISCREPANCIES OR INTERFERENCES SHALL BE REPORTED TO THE ARCHI BEFORE PROCEEDING WITH AFFECTED WORK.
- Q. WHERE SHOWN, ALL JUNCTIONS OF WALLS, PIERS, AND FLOORS TO HAVE 1/2" WIDE EXPANSION JOINTS, FILLED WITH ELASTIC EXPANSION JOINT MATERIAL.

### 05000 METALS

- A. PROVIDE STRUCTURAL AND MISCELLANEOUS METAL ITEMS AS SHOWN ON DRAWING AS REQUIRED TO COMPLETE THE PROJECT.
- B. FURNISH SHOP DRAWINGS TO SATISFY LOCAL CODE REQUIREMENTS, FABRICATE MATERIALS AND INSTALL ALL METAL WORK AS NEEDED. THIS SHALL INCLUDE STRUC STEEL AND MISCELLANEOUS STEEL ITEMS.
- C. TAKE FIELD MEASUREMENTS PRIOR TO FABRICATION. SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF ALL SUCH MEASUREMENTS AND THE PRECIS FITTING AND ASSEMBLY OF THE FINISHED PRODUCTS.
- D. USE MATERIALS OF SIZE AND THICKNESS INDICATED OR, IF NOT INDICATED, AS REQ TO DEVELOP THE MAXIMUM LOADS IN THE MEMBER. WELD CORNERS AND SEAMS CONTINUOUSLY, COMPLYING WITH AWS RECOMMENDATIONS. PROVIDE FOR ANCHO TYPE SHOWN, COORDINATED WITH SUPPORTING STRUCTURE. FABRICATE AND SPA ANCHORING DEVICES TO PROVIDE ADEQUATE SUPPORT FOR INTENDED USE.
- E. CLEAN AND SHOP PAINT MISCELLANEOUS METAL WORK, EXCEPT MEMBERS OR POR OF MEMBERS TO BE EMBEDDED IN CONCRETE OR MASONRY, SURFACES, AND EDGE FIELD WELDED UNLESS OTHERWISE INDICATED.
- F. FURNISH BENT OR OTHERWISE CUSTOM FABRICATED, PLATES, ANCHORS, HANGERS DOWELS, AND OTHER MISCELLANEOUS STEEL SHAPES AS REQUIRED.
- G.PROVIDE LOOSE BEARING AND LEVELING PLATES FOR STEEL ITEMS BEARING ON MA CONCRETE CONSTRUCTION, OR OTHER PORTIONS OF THE STRUCTURE AS INDICATE
- H. PROVIDE MISCELLANEOUS STEEL ELEMENTS, FRAMING AND SUPPORTS THAT ARE N PART OF STRUCTURAL STEEL FRAMEWORK, AS REQUIRED TO COMPLETE WORK.
- PROVIDE ANCHORAGE DEVICES AND FASTENERS WHERE NECESSARY FOR SECURIN MISCELLANEOUS METAL FABRICATIONS TO IN-PLACE CONSTRUCTION; INCLUDING, THREADED FASTENERS FOR CONCRETE AND MASONRY INSERTS, TOGGLE BOLTS, THROUGH-BOLTS, LAG BOLTS, WOOD SCREWS AND OTHER CONNECTORS AS REQUI
- J. PROVIDE A-325 BOLTS AS SHOWN ON THE PLANS OR AS REQUIRED TO DEVELOP THE MAXIMUM CAPACITY OF THE CONNECTION SHOWN.
- K. PERFORM CUTTING, DRILLING, AND FITTING REQUIRED FOR INSTALLATION OF MISCELLANEOUS METAL FABRICATIONS.
- L. FIELD WELDING SHALL COMPLY WITH AWS CODE FOR PROCEDURES OF MANUAL SH METAL-ARC WELDING, APPEARANCE AND QUALITY OF WELDS MADE, AND METHODS CORRECTING WELDING WORK.
- M.SET LOOSE LEVELING AND BEARING PLATES ON WEDGES, OR OTHER ADJUSTABLE I AFTER THE BEARING MEMBERS HAVE BEEN POSITIONED AND PLUMBED, TIGHTEN AN BOLTS. DO NOT REMOVE WEDGES OR SHIMS, BUT IF PROTRUDING, CUT-OFF FLUSH THE EDGE OF THE BEARING PLATE BEFORE PACKING WITH GROUT. USE METALLIC NON-SHRINK GROUT IN CONCEALED LOCATIONS WHERE NOT EXPOSED TO MOISTUF NON-METALLIC NON-SHRINK GROUT IN EXPOSED LOCATIONS, UNLESS OTHERWISE INDICATED. PACK GROUT SOLIDLY BETWEEN BEARING SURFACES AND PLATES TO E THAT NO VOIDS REMAIN.
- N. TOUCH-UP PAINTING IMMEDIATELY AFTER ERECTION, CLEAN FIELD WELDS, BOLTED CONNECTIONS, AND ABRADED AREAS OF SHOP PAINT, AND PAINT EXPOSED AREAS A SAME MATERIAL USED FOR SHOP PAINTING. APPLY BY BRUSH OR SPRAY TO PROVID MINIMUM DRY FILM THICKNESS OF 2.0 MILS.
- O.MISCELLANEOUS ITEMS:
- 1. STEEL PLATES, SHAPES AND BARS: ASTM A-36
- 2. COLD FORMED STEEL TUBING USE ASTM A-500
- 3. HOT-ROLLED STEEL TUBING USE ASTM A- 501
- 4. HOT-ROLLED STRUCTURAL STEEL SHEET USE ASTM A-570 . CLASS 1 OR GRADE REFOR DESIGN LOADING.
- 5. COLD-ROLLED STRUCTURAL STEEL SHEET USE ASTM A-611 . CLASS 1 OR GRADE REQUIRED FOR DESIGN LOADING.
- 6. NON-SHRINK METALLIC GROUT TO BE PRE-MIXED, FACTORY-PACKAGED, NON- STA NON-CORROSIVE, NON-GASEOUS GROUT COMPLYING WITH CE CRD-C588. PROVID GROUT SPECIFICALLY RECOMMENDED BY MANUFACTURER FOR INTERIOR AND EX APPLICATIONS.
- 7. ZINC-COATED FASTENERS FOR EXTERIOR USE OR WERE BUILT INTO EXTERIOR W SELECT FASTENERS FOR THE TYPE, GRADE AND CLASS REQUIRED.

| STM E                            | A. INSULATION:   |   | PROJECT NO:<br>23-4495   |
|----------------------------------|--|---|--|
| LB<br>STALLED                    | 1. ROLL GLASS FIBER INSULA<br>SPECIFIC USES, TO BE "FIB  | TION TO BE THICKNESS AND TYPE SHOWN ON DRAWINGS FOR ERGLASS" OR "CELOTEX".  | DRAWN BY:<br>XXX/  |
| ·<br>·<br>·                      | 2. RIGID BELOW GRADE INSUL<br>EXTRUDED, EXPANDED POI   | ATION AT FOUNDATION AND BASEMENT WALLS TO BE<br>LYSTYRENE 2" THICK (R-VALUE: 5), UNLESS OTHERWISE NOTED   | DATE:  |
| NCRETE                           | ON THE PLANS.<br>B. CAULKING:  |   |  |
| ESH<br>VE WIRE                   | APPROVED EQUAL. COLOR  | 0A SILICONIZED ACRYLIC LATEX CAULK, GE SILICONE II OR<br>TO MATCH SURROUNDING AREA BEING CAULKED. CAULK ALL<br>TH SIDES OF ALL DOOR AND WINDOW FRAMES.  |  |
| IS                               | SUPPLY ALL FLASHINGS AN  | CAL, PLUMBING AND ELECTRICAL CONTRACTORS SHALL<br>ID CURBS FOR ROOF OR WALL PENETRATIONS TO THE<br>DING ERECTOR SHALL INSTALL AND FLASH ALL BUILDING  |  |
| VIRE BARS<br>CTICE               | PENETRATIONS AS PART O   | F THEIR BID PROJECT.<br>IE DRAWINGS, FIRE CAULK TO MEET ALL ASTM REQUIREMENTS   |  |
| IERWISE                          | FOR FIRE AND SMOKE BARI<br>OR APPROVED EQUAL .   | RIER. PRODUCT TO BE 3M FIRE BARRIER SEALANT CP 25WB+  | L  |
| FINAL                            | 08000 DOORS AND WINDOWS  |   |  |
| AND WITH                         | A. DOORS, FRAMES, TO BE AS SI<br>BUILDING CODE.  | HOWN ON DRAWINGS. FINISH HARDWARE TO COMPLY WITH  |  |
| ITRACTOR<br>ITECT                | B. EGRESS DOORS SHALL BE AB<br>KNOWLEDGE.  | LE TO BE OPENED FROM INSIDE WITHOUT A KEY OR SPECIAL  |  |
| i<br>E                           |  | INGING HINGED DOORS ARE TO HAVE NON-REMOVABLE PIN<br>RWISE SPECIFIED ON THE DRAWINGS.   |  |
| ·<br>·<br>·                      |  | LL BE STANDARD PROFILE, 16GA. SHOP PRIMED. THREE (3)<br>) AT HEAD. USE WRAP AROUND FRAMES AT GYPSUM BOARD   |  |
| GS, AND                          |  | L BE FLUSH, 18 GA., 1 3/4" THICK, EXTERIOR DOORS TO BE<br>SULATION. HEAD OF DOORS TO BE SOLID AND FLUSH. DOORS  |  |
| CTURAL                           | SCHLAGE, VON DUPRIN, YALE  | MEDIUM GRADE COMMERCIAL PRODUCTS BY STANLEY,<br>OR AN APPROVED EQUAL. FINISH TO BE SELECTED BY<br>IDICAPPED ACCESSIBLE HARDWARE AS REQUIRED. SEE DOOR   |  |
| SE                               | 08380 SECTIONAL OVERHEAD DOC   | DR SYSTEM   |  |
| QUIRED                           | OR APPROVED EQUAL. INST  | S (UPWARD ACTING) TO BE BY CRAWFORD, OVERHEAD DOOR, ALL DOOR PER MANUFACTURER'S INSTRUCTIONS AND  |  |
| ORAGE OF<br>ACE                  | RECOMMENDATIONS.   |   | L. KE  |
| RTIONS                           |  | D STEEL WITH STANDARD HARDWARE.<br>AAISE THE DOOR AS HIGH AS POSSIBLE, FOLLOWING THE ROOF   |  |
| ES TO BE                         | LINE WHERE POSSIBLE, UNLE  | SS OTHERWISE NOTED ELSEWHERE IN THESE PLANS.  | Same Contraction of the second |
| S,<br>ASONRY,                    | DOOR, TRACK, AND OTHER HA  | H ALL OTHER TRADES BEFORE ORDERING, TO ENSURE THAT<br>ARDWARE MISS PROPOSED CLEARANCES OF OTHER PRODUCT<br>) SPRINKLER PIPING, GAS PIPING, HEATING UNITS, AND OWNER   |  |
| ED.                              | E. PROVIDE NEOPRENE OR VINY  | L WEATHER STRIPPING ON ENTIRE PERIMETER.  | SOC 836  |
| NOT A                            | F. ALL DOORS AND ACCESSORIE<br>AND EXTERIOR DOOR PAINT S   | ES NOT GALVANIZED SHALL BE FACTORY PRIMED. INTERIOR<br>SHALL BE SELECTED LATER.   | AS (502)   |
| NG                               | G. GLAZING TO BE AS SPECIFIED<br>CONFORM TO SECTION 08800  | ON CONSTRUCTION DOCUMENTS, WHERE LISTED AND TO GLAZING.   | 213 &  |
|                                  | 09000 FINISHES   |   |  |
|                                  | A. ALL FINISHES SHALL BE AS CA   | ALLED FOR AND SPECIFIED ON DRAWINGS.  |  |
| HIELDED<br>S USED IN<br>DEVICES. | PROJECT SHALL FOLLOW THE<br>STANDARDS FOR REVIEWING<br>SURFACES SHALL BE AT THIR<br>LIGHTING OR NATURAL LIGHT<br>ENHANCED LIGHTING. ANY BI | RFACES FOR BLEMISHES AND DEFECT AT THE END OF THE<br>E GENERALLY ACCEPTED STANDARD - PDCA (P1-09) INDUSTRY<br>FINISHED SURFACES. "VIEWING AND INSPECTION OF FINISHED<br>TY-NINE (39) INCHES FROM THE SURFACE UNDER FINISHED<br>ING WITHOUT THE USE OF ANY OPTIC MAGNIFICATIONS OR<br>LEMISHES OR DEFECTS DETECTED AT THIS RANGE SHALL BE<br>PATCHED TO MATCH THE SURROUNDING."                    | TYES ARCI  |
| NCHOR<br>WITH                    | C. GYPSUM BOARD:   |   |  |
| RE; USE                          | 1. ALL GYPSUM BOARD TO BE  | 5/8" THICK AND INSTALLED PER U.S. GYPSUM ASSOCIATION  |  |
| ENSURE                           |  | USTRY PRACTICES .<br>SISTANT GYPSUM BOARD ("GREEN" BOARD OR EQUAL) IN ALL<br>N 4'-0" OF ALL PLUMBING FIXTURES SUCH AS SINKS, DRINKING   | SOC  |
| WITH<br>IDE A                    | FOUNTAINS, WASHING MAC   | HINES OR ANY OTHER EQUIPMENT NOT LISTED HERE IN .<br>NS ALL FIRE RATED ASSEMBLIES ARE TO USE 5/8" TYPE 'X'  | BLD<br>®   |
|                                  |  | D PER DETAILS AND BEST INDUSTRY PRACTICES.<br>AL OR PLASTIC CORNER BEAD AT ALL OUTSIDE CORNERS AND  | ы Ш Ш <sup>с</sup>   |
| :                                | "J" MOLD AT ALL EXPOSED  | EDGES.  |  |
| REQUIRED                         | IT PERTAINS TO CONTROL<br>DIFFERENTLY, ALL WALLS A<br>DIRECTION ARE TO HAVE A  | LS ARE TO FOLLOW THE LATEST ASTM C840-08 AND GA-216 AS<br>JOINT PLACEMENT. UNLESS SHOWN ON THE PLANS<br>AND CEILINGS GREATER THAN (30) LINEAR FEET IN ANY<br>CONTROL JOINT EVERY 30'-0" O.C. ALL CONTROL JOINTS ARE<br>LASTIC CONTROL JOINT STRIP, INSTALLED PER<br>MENDATIONS.   | WAREHOUS<br>STORA(<br>B,C,L<br>SPRINGFIELD,  |
|                                  |  |   | ВГ   |
| AINING,<br>IDE<br>XTERIOR        |  |   | Б  |
| VALLS.                           |  | Keyes Architects and Associates expressly reserve its common law copyright and  | SPECIFICATIONS   |
| ·                                |  | other property rights in these documents. These documents are considered<br>proprietary information and shall not be upgraded, changed or copied in any form or<br>matter whatsoever nor are they to be assigned to any third party without first<br>obtaining the express written permission and consent of Keyes Architects and<br>Associates, 4717 Preston Highway, Louisville, Kentucky 40213 | SP1.01   |

AFF - ABOVE FINISHED FLOOR CJ - CONTROL JOINT D. COATING SCHEDULE: FRP - FIBERGLASS REINFORCED PANELS 1. SURFACES NOT TO BE PAINTED ARE FLOOR COVERINGS, ITEMS WITH FACTORY APPLIED GYP. BD. - GYPSUM BOARD FINAL FINISH, CONCEALED DUCTS, PIPES AND CONDUIT, ACOUSTICAL CEILING TILES, I.B.C. - INTERNATIONAL BUILDING CODE ITEMS WITH PRE-FINISHED SURFACES, ALUMINUM WINDOWS AND DOOR FRAMES, AND ALL ITEMS CALLED NOT TO BE PAINTED ON PLANS. MAX - MAXIMUM 2. SURFACES TO BE PAINTED: MIN - MINIMUM NRP - NON-REMOVABLE PIN NOTE: CONSULT WITH OWNER FOR FINAL COLORS AND FINISHES. O.C. - ON CENTER a) EXPOSED INTERIOR DRYWALL: VCT - VINYL COMPOSITE TILE 1ST COAT: LATEX WALL PRIMER. VET - VINYL ENHANCED TILE 2ND COAT: LATEX EGGSHELL OR ALKYD BASED ENAMEL AS CALLED FOR. 3RD COAT: LATEX EGGSHELL OR ALKYD BASED ENAMEL AS CALLED FOR. V.I.F. - VERIFY IN FIELD b) INTERIOR DRYWALL CEILINGS: 1ST COAT: LATEX WALL PRIMER 2ND COAT: ALKYD FLAT CEILING PAINT c) INTERIOR METAL: 1ST COAT: METAL PRIMER 2ND COAT: SEMI-GLOSS ALKYD ENAMEL 3RD COAT: SEMI-GLOSS ALKYD ENAMEL d) ASPHALT STRIPING: INSTALL 4" WIDE BRIGHT WHITE STRIPES AT ALL SHOWN PARKING SPACES. INSTALL 4" WIDE SAFETY YELLOW STRIPES AT HANDICAPPED PARKING AND LOADING AREAS. DIRECTIONAL ARROWS WHERE SHOWN, TO BE SAFETY YELLOW. ALL STRIPING AND MARKING TO BE STRAIGHT, PERPENDICULAR, AND UNIFORM. 10000 SPECIALTIES A. FIRE EXTINGUISHER AND CABINETS TO BE BY OWNER AS REQUIRED BY CODE AND BY THE FIRE INSPECTOR. 11000 EQUIPMENT A. GENERAL CONTRACTOR TO INSTALL ALL EQUIPMENT SO LISTED ON DRAWINGS, VERIFY AND COORDINATE REQUIREMENTS WITH SUPPLIERS DURING BIDDING. B. OWNER TO SUPPLY AND INSTALL ALL EQUIPMENT NOT REQUIRED OR LISTED HEREIN. SEE EQUIPMENT SCHEDULES. 12000 FURNISHINGS A. OWNER TO FURNISH AND INSTALL ALL FURNISHINGS NOT REQUIRED OR LISTED HEREIN. 13000 SPECIAL CONSTRUCTION: PRE-ENGINEERED BUILDING PACKAGE A. OWNER TO FURNISH ANY SPECIAL CONSTRUCTION NOT REQUIRED OR LISTED HEREIN. B. BUILDING PACKAGE TO BE GENERALLY AS SHOWN ON DRAWINGS TO INCLUDE PRIMARY AND SECONDARY STEEL FRAMING C. WALLS TO BE PAINTED RIBBED SIDING UNLESS OTHERWISE NOTE ON PLANS. D. MAIN ROOFS TO BE MANUFACTURES STANDARD SCREW DOWN 26 GA MEATAL OVER 2" (MIN.) OF VINYL FACED INSULATION, WITH RELATED FLASHING, GUTTERS, DOWNSPOUTS, SOFFITS, AND OVERHANGS. E. FULL DESIGN RESPONSIBILITY OF PRE-ENGINEERED METAL BUILDING TO BE BY MANUFACTURER. ROOF LOADS TO BE 20#/S.F (OR AS REQUIRED BY LOCAL DESIGN AND BUILDING CODE). PLUS 5#/S.F. FOR EQUIPMENT LOADS (OR AS REQUIRED BY LOCAL DESIGN AND BUILDING CODE), PLUS DEAD LOAD AND ADDITIONAL COLLATERAL LOADS AS DESIGNED BY MANUFACTURER. MANUFACTURER TO PROVIDE ADDITIONAL REINFORCING REQUIRED FOR ANY SNOW BUILD-UP, FRAMING AT CANOPIES AND FOR ALL ROOF TOP UNITS (VERIFY WEIGHT WITH MECHANICAL CONTRACTORS). WIND LOAD OF 15#/S.F. ON WALLS AND UL 90 UPLIFT ON ROOF (OR AS REQUIRED BY LOCAL DESIGN AND BUILDING CODE). BUILDING MANUFACTURER TO COMPLY WITH ALL REQUIREMENTS OF THE STATE BUILDING CODES. THIS INCLUDES ALL BRACING AND CONNECTIONS REQUIRED TO TRANSFER LOADS TO FOUNDATIONS AS SHOWN OR REQUIRED. (NOTE: LIVE LOAD REDUCTIONS ARE NOT ALLOWED IN STEEL WEIGHTS). 14000 CONVEYING EQUIPMENT - NOT USED SPECIAL NOTE: A. FINAL DETAILED LAYOUT OF STEEL STRUCTURES, PLUMBING, MECHANICAL, FIRE SUPPRESSION AND ELECTRICAL SYSTEMS ARE BY SEPARATE ENGINEERS OR INSTALLERS, IT IS THE RESPONSIBILITY OF THE OWNER AND GENERAL CONTRACTOR TO COORDINATE ALL WORK WITH AFFECTED OTHER TRADES TO ASSURE COMPLETENESS AND CODE COMPLIANCE. B. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THE MECHANICAL, ELECTRICAL, AND PLUMBING CONTRACTORS TO ENSURE THAT ALL PARTS OF THEIR WORK IS TO BE ACCESSIBLE AS PER FEDERAL ADAAG GUIDELINES AND ALL STATE / LOCAL GUIDELINES. THIS INCLUDES BUT IS NOT LIMITED TO ELECTRICAL CONTROLS SUCH AS THERMOSTATS OR LIGHTING CONTROLS, LIGHT SWITCHES, OUTLET PLUGS, HAND DRYERS, AND FAUCET CONTROLS. IF THERE ARE CONCERNS ABOUT HOW TO DETERMINE REACH RANGES, EQUIPMENT CLEARANCE OR OTHER ACCESSIBILITY ITEMS, CONTACT THE ARCHITECT IMMEDIATELY BEFORE WORK BEGINS FOR GUIDANCE. 1. .

## END OF SPECIFICATIONS

#### ABBREVIATIONS

THESE ARE ABBREVIATIONS USED ON THE PLANS AND IN THESE SPECIFICATIONS. NOT ALL ITEMS MAY BE USE AND ARE FOR REFERENCE ONLY.

ACT - ACOUSTICAL CEILING TILE

## E.I.F.S. - EXTERIOR INSULATION AND FINISH SYSTEM

|  | 23-4495<br>DRAWN BY:<br>XXX/<br>DATE:<br>   |
|--|---|
|  |   |
|  | KEYES ARCHITECTS & ASSOCIATES         KEYES ARCHITECTS & ASSOCIATES         4717 PRESTON HIGHWAY         4717 PRESTON HIGHWAY         LOUISVILLE, KENTUCKY 40213 (502) 636–5113 |
|  | MAREHOUSE FOR:<br>BBL STORAGE BLDGS<br>B,CD,E<br>B,CD,E<br>D<br>B,CD,E<br>D<br>C<br>D<br>C<br>D<br>C<br>D<br>C<br>D<br>C<br>D<br>D<br>C<br>D<br>D<br>D<br>D<br>D<br>D           |
| Keyes Architects and Associates expressly reserve its common law copyright and<br>other property rights in these documents. These documents are considered<br>proprietary information and shall not be upgraded, changed or copied in any form<br>matter whatsoever nor are they to be assigned to any third party without first<br>obtaining the express written permission and consent of Keyes Architects and<br>Associates, 4717 Preston Highway, Louisville, Kentucky 40213 |   |

Associates, 4717 Preston Highway, Louisville, Kentucky 40213

PROJECT NO: