ALL CONTRACTORS ARE REQUIRED TO VISIT THE SITE AND BE KNOWLEDGEABLE REGARDING EXISTING CONDITIONS AND THEIR EFFECT ON THE PROPOSED WORK. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR, ANY CONDITIONS

- 2. CONTRACTOR RESPONSIBLE FOR IMPLEMENTING STORM WATER POLLUTION PREVENTION PRACTICES. REFER TO NOTES
- 3. NOTIFY THE OWNER'S REPRESENTATIVE A MINIMUM OF 72 HOURS PRIOR TO THE INTERRUPTION OF ANY UTILITY. PROTECT AND KEEP IN SERVICE ACTIVE UNDERGROUND UTILITIES, PIPES, OR CONDUITS, WHETHER INDICATED ON THI DRAWINGS OR NOT, UNLESS SPECIFICALLY CALLED FOR TO BE REMOVED, RELOCATED, OR DISCONNECTED AND
- 5. CONTRACTORS AND SUBCONTRACTORS SHALL COORDINATE THEIR WORK WITH THAT OF OTHER TRADES.
- 6. NO WORK WILL BE PERMITTED TO BE INSTALLED WITHOUT RECEIPT AND SUBSEQUENT REVIEW OF FULL AND COMPLETE SUBMITTALS BY THE ARCHITECT/ENGINEER.
- 7. DO NOT SCALE DRAWINGS, DIMENSIONS INDICATED TAKE PRECEDENCE OVER SCALE.

ANCHOR BOLT

ACOUSTICAL CEILING PANEL

ADJACENT OR ADJUSTABLE

ACOUSTICAL CEILING TILE

ABOVE FINISH FLOOR

ABOVE FINISH GRADE

ABRASIVE

ACOUSTIC

ADDITION

ADDITIONAL

ALUMINUM

ALTERNATE

ACCESS PANEL

APPROXIMATE

ANCHOR

ASPHALT

AVERAGE

BASEMENT

BOTTOM OF

BOARD

BETWEEN **BITUMINOUS**

BUILDING

BEARING

BRACKET

CLEAR

CLEAN-OUT

COMBINATION

CONCRETE OPENING

CERAMIC TILE (TYPE)

CABINET UNIT HEATER

CABINET UNIT VENTILATOR

CONCRETE

CONDITION

COUNTER

CENTER(S)

DIMENSION

DOOR OPENING

EXPANSION JOINT

ELECTRIC/ELECTRICAL

ELECTRICAL CONTRACTOR

ELEVATOR OR ELEVATION

ELECTRIC WATER COOLER

ELEVATION

EMBEDMENT

EMERGENCY

EACH WAY

EPOXY

EQUAL

DOWN

DOOR

DETAIL

DOWELS

EACH

DRAWINGS

CONTINUOUS

CONTRACT(OR)

CARPET (TYPE)

COUNTER SINK

BLOCKING (WOOD)

BENT STEEL PLATE

CAST-IN-PLACE

CEMENT PLASTER (TYPE)

CONCRETE MASONRY UNIT

COMPRESSIBLE OR COMPACTED

CERAMIC PAVER TILE (TYPE)

CONSTRUCTION OR CONTRACTION JOINT

BENCH MARK

AUTOMATIC

ACP

ACOU

ADD'N

ALT

APPROX

BSMT

BRKT

CAB

COMP

CONC

COND

CONT

CONTR

CPT-(1)

CTR SK

CUV

DIM

DWGS

DWL'S

ELEC

ELEV

EMBED

EMER

EW

ELEC CONTR

CONC OPNO

CEM PL-(1)

CT PAV-(1

8. VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD. WHERE DISCREPANCIES ARE FOUND BETWEEN DIMENSIONS OR ELEVATIONS SHOWN AND ACTUAL FIELD CONDITIONS, NOTIFY ARCHITECT/ENGINEER.

WHERE CONFLICTS MAY EXIST BETWEEN THE REQUIREMENTS OF PORTIONS OF THE CONTRACT DOCUMENTS, THE GREATER QUANTITY, HIGHER QUALITY OR MORE STRINGENT REQUIREMENT SHALL GOVERN, THEREFORE, BY EXECUTING A CONTRACT FOR CONSTRUCTION, THE CONTRACTOR AGREES THAT, IF IT RAISED NO QUESTIONS REGARDING SUCH CONFLICTS DURING THE BIDDING PROCESS, AND IN THE ABSENCE OF A CLARIFYING ADDENDUM ISSUED DURING THE BIDDING PROCESS, IT HAS VOLUNTEERED TO COMPLY WITH THE MORE EXPENSIVE REQUIREMENT AS PART OF ITS BASE BID AND IS NOT ENTITLED TO ANY ADDITIONAL COMPENSATION TO RESOLVE THE CONFLICT.

10. THE CONTRACT DOCUMENTS REQUIRE THE CONTRACTOR TO FURNISH AND INSTALL COMPLETE PRODUCTS, SYSTEMS AND SERVICES. BY EXECUTING A CONTRACT FOR CONSTRUCTION, THE CONTRACTOR AGREES THAT THE DRAWINGS SET COMPONENT OR UNIT OF A PRODUCT, SYSTEM OR SERVICE. THE CONTRACTOR FURTHER AGREES THAT, AS PART ITS BID, IT MUST FURNISH AND INSTALL EVERY LENGTH, SEGMENT, PIECE, PART, COMPONENT OR UNIT OF A PRODUCT, SYSTEM OR SERVICE AND, CONSEQUENTLY, THE CONTRACTOR IS NOT ENTITLED TO ANY ADDITIONAL COMPENSATION FOR ANY LENGTH, SEGMENT, PIECE, PART COMPONENT OR UNIT OF A PRODUCT, SYSTEM OR SERVICE BECAUSE IT IS NOT EXPRESSLY DEPICTED HEREIN.

B: MISCELLANEOUS AND DEMOLITION NOTES

STANDARD ABBREVIATIONS

EXPANSION

FLOOR DRAIN

FOUNDATION

FOUNDATION

FLOOR

FOOTING

GALVANIZED

HARDENER

HOLLOW METAL

INSIDE DIAMETER

KNOCK DOWN

LEFT HAND

LOW POINT

LIGHTWEIGH1

LIVE LOAD

MECHANICAL

MOUNT(ED)

NOMINAL

NUMBER

ON CENTER

MANUFACTURER

NOT IN CONTRACT

OUTSIDE DIAMETER

NOT TO SCALE

LONG LEG HORIZONTAL

LONG LEG VERTICAL

MASONRY OPENING

METAL THRESHOLD

HORIZONTAL

FIRE EXTINGUISHER

FIRE HOSE CABINET

EXP

FDN

FNDN

FHC

FRT

GALV

FUR CHN'L

GEN CONTR

GYP BD-(1)

GYP PL-(1)

HD WD-(1)

INCL

INSUL

LT WT

MAX

MB (16)

MECH

NOM

OC

OD

OPNG

0PP

MECH CONTR

EXP CONST

ELECTRIC WATER HEATER

EXPOSED CONSTRUCTION

FIRE EXTINGUISHER CABINET

FIRE RETARDANT TREATED

GENERAL CONTRACTOR

GENERAL CONTRACTOR

GYPSUM WALL BOARD (TYPE)

HEATING/VENTILATING/AIR CONDITIONING

INCLUDE/INCLUDING/INCLUDED

INSULATION/INSULATING/INSULATED

LAMINATE/LAMINATING/LAMINATED

MARKERBOARD (LENGTH IN FEET)

MECHANICAL CONTRACTOR

MOP SERVICE BASIN (SINK)

OVERALL OR OUTSIDE AIR

OUTSIDE FACE OR OPPOSITE FACE

OPPOSITE OR OPPOSITE HAND

PRESSURE TREATED OR PAINT

POUNDS PER SQUARE FOOT

POUNDS PER SQUARE INCH

THE MATERIALS, ABBREVIATIONS, AND DRAFTING SYMBOLS LEGEND ARE EACH AN ALL INCLUSIVE MASTER LIST USED BY THIS FIRM. THE INCLUSION OF THESE LEGENDS INTO THESE DOCUMENTS DOES NOT IMPLY THAT ALL THE SYMBOLS OR MATERIALS INCLUDED IN THESE LEGENDS ARE INCORPORATED INTO THIS PROJECT. ABBREVIATIONS MAY APPEAR WITH PERIODS OR OTHER PUNCTUATION SEPARATING CHARACTERS ON THE DRAWINGS; THE MEANING REMAINS THE SAME.

MINIMUM OR MINUTE(S)

GYPSUM PLASTER (TYPE)

HEAVY DUTY OR HARD

HARD WOOD (TYPE)

- COORDINATE PENETRATIONS AND/OR SLEEVES REQUIRED IN WALLS, FLOORS, CEILINGS OR ROOFS FOR MECHANICAL AND ELECTRICAL WORK REQUIRED BY ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.
- SEAL WITH UL APPROVED MATERIALS PENETRATIONS OF DUCTWORK, CONDUIT AND PIPES THROUGH FIRE-RATED ASSEMBLIES, TO MAINTAIN THE RATING INTEGRITY OF THOSE ASSEMBLIES. PROVIDE FIRE DAMPERS AS INDICATED ON THE DRAWINGS.
- 3. SEAL WITH ACOUSTICAL SEALANT PENETRATIONS OF DUCTWORK, CONDUIT AND PIPES THROUGH NON-RATED FLOORS, FULL-HEIGHT WALLS/PARTITIONS, ACOUSTICALLY INSULATED WALLS/PARTITIONS, AND SOUND-RATED WALLS/PARTITIONS, TO MAINTAIN THE ACOUSTICAL INTEGRITY OF THOSE
- 4. APPLY APPROPRIATE & COMPATIBLE SEALANT MATERIALS AS REQUIRED TO SEPARATE DISSIMILAR METALS, FILL GAPS IN EXISTING ASSEMBLIES OR WHERE NEW AND EXISTING ASSEMBLIES MEET OR WHERE OTHERWISE REQUIRED BY THE SPECIFICATIONS.
- 5. BRING ANY UNFORESEEN OR CONFLICTING CONDITIONS TO THE IMMEDIATE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
- REPAIR, PATCH, OR REPLACE FINISH MATERIALS OR VISIBLE ASSEMBLIES THAT ARE SOILED, CUT OR DAMAGED IN ANY FASHION DURING THE COURSE OF THE WORK. PERFORM PATCHING SUCH THAT EDGES BLEND INTO CONTIGUOUS SURFACES SMOOTHLY, MATCHING TEXTURE AND COLOR OF ADJACENT
- 7. EXCAVATION SPOILS ARE TO BE RE-SPREAD WITHIN THE VICINITY OF THE SITE WORK AND/OR AS
- 8. SURROUNDING TREES SHALL BE PROTECTED FROM DAMAGE DURING THE COURSE OF CONSTRUCTION.

PARTITION

PAVEMENT

PLASTER

PLUMBING

PLYWOOD

RADIUS

ROOF DRAIN

RIGHT HAND

REFERENCE

REQUIRED

SQUARE FOOT

SQUARE INCH

STAINLESS STEEL

SEALER/HARDENER

SLAB ON GRADE

SPECIFICATION(S)

STANDARD WEIGHT

TONGUE AND GROOVE

TOP OF FOUNDATION

TACKBOARD (LENGTH IN FEET)

(WINDOW) UNIT DIMENSION

UNLESS NOTED OTHERWISE

STRUCTURE OR STRUCTURAL

SERVICE SINK

SCHEDULE

SECTION

SPACING

SPEAKER

STANDARD

SUSPEND(ED)

SYMMETRICAL

TOP OF BEAM

TOP OF CURB

TOP OF STEEL

TOP OF WALL

TOP OF MASONRY

VINYL BASE COVED

VERTICAL

WITHOUT

WINDOW

WATER PROOF

WEIGHT

WIDE OR WIDTH

VINYL BASE STRAIGHT

WALL CORNER GUARD

WELDED WIRE FABRIC

WALL SERVICE BASIN

VINYL COMPOSITION TILE

VENEER PLASTER (TYPE)

TOP OF

SHEET

ROUGH OPENING

PLB'G CONTR

R OR RAD

REINF

SEAL/HDNR

SPK'R

STD WT

VCT

VERT

VEN PL (1)

PLASTIC LAMINATE(D)

PLUMBING CONTRACTOR

POLYVINYL CHLORIDE

GYPSUM PLASTER (TYPE)

RUBBER FLOORING (TYPE)

REINFORCE/REINFORCING/REINFORCED

PRECAST (CONCRETE) OPENING

PIECE

PLATE



PROJECT MAIN CAMPUS

> LAKESHORE WALKWAY 1215 HOUBOLT ROAD **JOLIET, ILLINOIS 60431**

OWNER

JOLIET JUNIOR COLLEGE 1215 HOUBOLT ROAD **JOLIET, ILLINOIS 60431**

ARCHITECT/ **ENGINEER**

DR

A12.24

- \A7.19 /

100'-0"

203.2

203.1X

7.531

CONCRETE

CONCRETE MASONRY IN PLAN

BRICK MASONRY IN

(RUNNING BOND)

MASONRY IN PLAN

STONE MASONRY IN

RAKED JOINT IN

CTRL./EXP. JOINT

BRICK MASONRY IN

SECTION DETAIL

CONCRETE

MASONRY IN

SECTION DETAIL

SECTION DETAIL

STEEL IN SECTION

DISCONTINUOUS

ROUGH WOOD

BLOCKING IN

CONTINUOUS

ROUGH WOOD

IN SECTION

FRAMING/BLOCKING

FINISHED WOOD IN

SECTION DETAIL

RIGID BOARD

INSULATION

RIGID BOARD

BATT INSULATION

GYPSUM BOARD

ACOUSTICAL

BITUMINOUS

in Section

AGGREGATE

SECTION

UNDISTURBED

EARTH BACKFILL

(ASPHALT) PAVING

BALLAST, FILL OR BACKFILL IN

CONCRETE

A

CEILING PANEL

INSULATION

(ROOFING)

STONE MASONRY IN

(STACK BOND)

G

DETAIL NUMBER-

DRAWING NUMBER —

DETAIL NUMBER-

DRAWING NUMBER —

COLUMN NO

ELEVATION

NUMBER

DOOR NO. NEW

DOOR NO. EXISTING

NOMINAL THICKNESS -

CONSTRUCTION TYPE

SPECIAL CONDITION

IDENTIFICATION

WINDOW TYPE IDENTIFICATION

TOILET ACCESSORY

IDENTIFICATION

ELEVATION

reference line no

KLUBER ARCHITECTS + ENGINEERS 41 W BENTON STREET **AURORA, ILLINOIS 60506** TEL (630) 406-1213 FAX (630) 406-9472 www.kluberinc.com

INDEX OF DRAWINGS

- G100 COVER SHEET, GENERAL NOTES, SYMBOLS AND
- DRAWING INDEX
- A310 BOARDWALK PLAN
- SO10 GENERAL NOTES, CODE & LOADING, TESTING & INSPECTIONS, SCHEDULES FOUNDATION AND SLAB PLAN
- BOARDWALK FRAMING PLAN S500 SECTIONS AND DETAILS

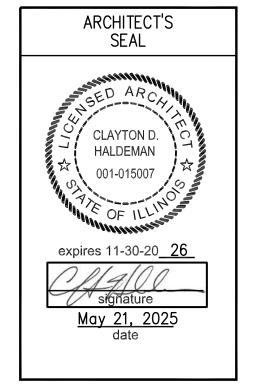
APPLICABLE CODES

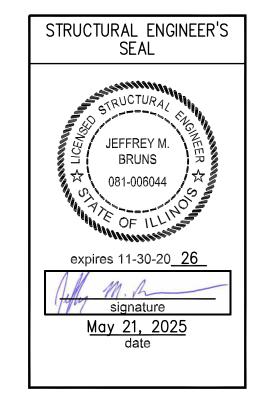
NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

2018 INTERNATIONAL BUILDING CODE 2018 ILLINOIS ACCESSIBILITY CODE

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 IBC 2018 EDITION, THE ENVIRONMENTAL BARRIERS ACT AND THE ILLINOIS ACCESSIBILITY

KLUBER, INC. ILLINOIS PROFESSIONAL DESIGN FIRM LICENSE #184-001284





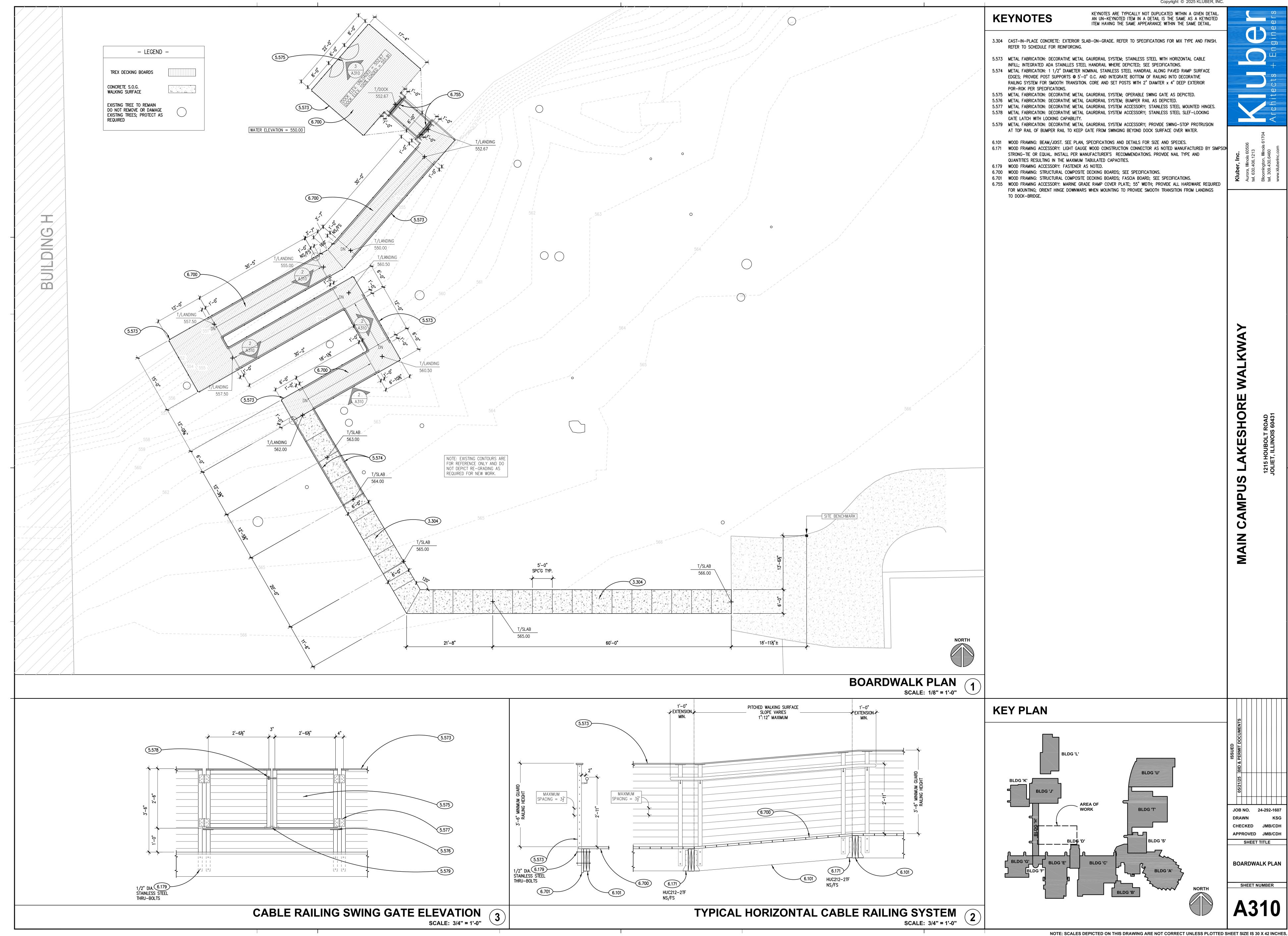
SEALS & CERTIFICATIONS

DRAWN

CHECKED APPROVED SHEET TITLE

COVER SHEET, **GENERAL NOTES,** SYMBOLS AND **DRAWING INDEX**

SHEET NUMBER



ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

3.113 CONCRETE FORMING AND ACCESSORIES: CONTINUOUS RADIUS EDGE. PROVIDE 1/2" RADIUS U.N.O.

3.250 CONCRETE REINFORCING: WWF REFER TO SLAB CALLOUT ON PLAN. PROVIDE WWF-6X6 W2.1 X W2.1 IN FLAT

SHEETS U.N.O. PROVIDE PROPER SUPPORT AS REQUIRED TO MAINTAIN PLACEMENT AT NOTED ELEVATION.

3.255 CONCRETE REINFORCING: #4 DOWEL X 2'-0" @ 1'-0" O.C. U.N.O. ANCHOR INTO EXISTING SLAB/WALL/FOOTING

3.304 CAST-IN-PLACE CONCRETE: EXTERIOR SLAB-ON-GRADE. REFER TO SPECIFICATIONS FOR MIX TYPE AND FINISH.

3.366 CAST-IN-PLACE CONCRETE JOINT DEVICE/FILLER: SLAB CONTRACTION JOINT. PROVIDE TOOLED JOINT WITH

USING INJECTION ADHESIVE/EPOXY SYSTEM PER PROJECT SPECIFICATIONS. EMBEDMENT TO BE 6" U.N.O.

3.120 CONCRETE FORMING AND ACCESSORIES: 1/4" DIAMOND DOWEL SYSTEM @ 1'-0" O.C.

3.260 CONCRETE REINFORCING: REINFORCING STEEL SUPPORT ELEMENT.

3.361 CAST-IN-PLACE CONCRETE JOINT DEVICE/FILLER: SLAB CONSTRUCTION JOINT.

31.231 EXCAVATION FILL: REMOVE AND REGRADE AS REQUIRED FOR NEW WORK; BY OTHERS.

REFER TO SCHEDULE FOR REINFORCING.

31.232 EXCAVATION FILL: ENGINEERED GRANULAR FILL.

2. CONTRACTOR SHALL PROVIDE PROTECTION FOR ALL SUBGRADES, FOUNDATIONS AND SLABS FROM FROST EFFECTS DURING INCLEMENT WEATHER.

3. CONTRACTOR SHALL COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH VENDOR PREPARED SHOP DRAWINGS AND EXISTING CONDITIONS. SEE ARCHITECTURAL DRAWINGS FOR WORKPOINTS.

4. CONTRACTOR SHALL PROVIDE ALL TEMPORARY SHORING, SHEETING, BRACING ETC. AS REQUIRED TO PROTECT EXCAVATIONS DURING THE CONSTRUCTION PROCESS.

REFER TO DRAWING G100 FOR PROJECT GENERAL NOTES.

6. THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ALL CONTRACT DRAWINGS. VENDOR DRAWINGS AND THE SPECIFICATIONS. THE CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF OTHER TRADES FOR LOCATIONS OF SLEEVES, CHASES, HANGERS, INSERTS, ANCHORS, HOLES AND OTHER ITEMS TO BE PLACED OR SET IN THE STRUCTURAL WORK.

7.THE STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE. THE CONTRACTOR SHALI PROVIDE ALL TEMPORARY GUYING AND BRACING REQUIRED TO ERECT AND HOLD THE STRUCTURE IN ALIGNMENT UNTIL ALL STRUCTURAL WORK AND CONNECTIONS HAVE BEEN COMPLETED. THE INVESTIGATION, DESIGN, SAFETY, ADEQUACY AND INSPECTION OF SUCH GUYING/BRACING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

8.DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY TAGGED OR SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO THE APPROVAL OF THE ENGINEER.

CODE AND LOADING

A. DESIGN REQUIREMENTS AND STRUCTURAL LOADS ARE TO BE IN ACCORDANCE WITH THE 2018 INTERNATIONAL BUILDING CODE AND ANY VILLAGE AMENDMENTS.

15 PSF

B. LOADING CRITERIA:

- 1 OCCUPANCY GROUP B
- 2. OCCUPANCY CATEGORY: II
- ELEVATED WALKWAY LOADS:
- a. LIVE= b. DEAD =
- 4. FLOATING DOCK LOADS:
- a. LIVE= b. DEAD =

60 PSF

TESTING AND INSPECTION

<u>GENERAL</u>

- THE APPROVED TESTING AGENCY SHALL BE RETAINED BY THE OWNER.
- THE APPROVED TESTING AGENCY SHALL BE THE "SPECIAL INSPECTOR" REFERRED TO IN OF THE INTERNATIONAL BUILDING CODE (IBC), CHAPTER 17 "STRUCTURAL TESTS AND SPECIAL
- 3. REFER TO CHAPTER 17 OF THE 2018 INTERNATIONAL BUILDING CODE FOR DEFINITION OF TERMS.
- THE TESTING AGENCY SHALL SUBMIT TO THE ENGINEER OF RECORD ONE (1) COPIES OF WEEKLY REPORTS OF THE TEST AND INSPECTIONS CONDUCTED DURING THE WEEK. THE REPORTS SHALL STATE IF THE TESTS AND INSPECTIONS MET THE PROJECT REQUIREMENTS AND, IF NOT, WHAT FOLLOW-UP TESTS OR INSPECTIONS WILL BE MADE.
- THE TESTING AGENCY SHALL NOTIFY GENERAL CONTRACTOR IMMEDIATELY IF ANY OF THE SCHEDULED TESTS FAIL IN ORDER TO AVOID PROJECT DELAYS
- 6. SEE SPECIFICATION SECTION 1400 "QUALITY REQUIREMENTS" FOR ADDITIONAL INFORMATION.

FOUNDATION INSPECTION 4. ALL FOUNDATION EXCAVATIONS SHALL BE OBSERVED AND TESTED BY A REPRESENTATIVE OF A

- QUALIFIED GEOTECHNICAL ENGINEERING FIRM. DAILY REPORTS OF OBSERVATIONS SHALL BE PREPARED.
- . PROVIDE CONTINUOUS INSPECTION FOR THE FOLLOWING:
- A. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL.
- 3. PROVIDE PERIODIC INSPECTION FOR THE FOLLOWING:
- A. VERIFY MATERIALS BELOW FOOTINGS AS ADEQUATE TO ACHIEVE THE DESIGN BEARING
- B. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER
- C. PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS.
- D. PRIOR TO PLACEMENT OF CONTROLLED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY

REINFORCED CONCRETE INSPECTION

- PROVIDE CONTINUOUS INSPECTION FOR THE FOLLOWING:
- A. SAMPLING OF FRESH CONCRETE FOR SLUMP, AIR CONTENT AND TEMPERATURE AT THE TIME OF MAKING SPECIMENS FOR STRENGTH TESTS PER ACI 318, CHAPTERS 5.6, 5.8.
- B. INSPECTION OF CONCRETE PLACEMENT PER ACI 318, CHAPTERS 5.9, 5.10.
- 2. PROVIDE PERIODIC INSPECTIONS FOR THE FOLLOWING FOR CONFORMANCE TO ACI 318:
- A. INSPECT REINFORCING STEEL PLACEMENT PER ACI 318, CHAPTERS 3.5, 7.1-7.7.
- B. VERIFY USE OF REQUIRED MIX DESIGN PER ACI 318, CHAPTERS 4, 5.2-5.4.
- C. MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES PER ACI 318, CHAPTERS 5.11-5.13.
- INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS PER ACI 318, CHAPTER 6.1.1.

FOUNDATION & SLAB NOTES

- F 1. ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 301, "SPECIFICATION FOR STRUCTURAL CONCRETE BUILDINGS" AND ACI 318, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE". HOT WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 305. COLD WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 306.
- F 2. CONCRETE CONTRACTOR TO COORDINATE ALL DIMENSIONS, ELEVATIONS, SLOPES, ETC. OF ALL CONCRETE SLABS / FOUNDATIONS WITH ARCHITECTURAL DRAWINGS.
- F 3. CONCRETE STRENGTHS AS FOLLOWS (28 DAY):
- A. PIERS= 4,500 PSI
- B. EXTERIOR SLABS= 4,500 PSI
- D. SEE SPECIFICATIONS FOR DETAILED CONCRETE MIX DESIGNS
- F 4. REINFORCEMENT:
- A. BARS, TIES & STIRRUPS: ASTM A615 GRADE 60, DEFORMED
- B. W.W.F.: ASTM A185, SMOOTH. FLAT SHEETS ONLY. PLACEMENT (I.E. SUPPORT SPACING, LAP SPLICE LENGTHS, ETC.) TO BE IN ACCORDANCE WITH THE STRUCTURAL WELDED WIRE REINFORCEMENT MANUAL OF STANDARD PRACTICE; (WWR-500); WIRE REINFORCEMENT INSTITUTE: LATEST EDITION.
- C. WELDABLE BARS: ASTM A706 GRADE 60, DEFORMED.
- D. PROVIDE LAP SPLICES IN ACCORDANCE WITH ACI 301.
- E. FABRICATE & DETAIL REINFORCING STEEL IN ACCORDANCE WITH CRSI (DA4) MANUAL OF STANDARD PRACTICE.
- F. FACTORY MADE WIRE BAR SUPPORTS AND HOLDING BARS SHALL BE PROVIDED FOR ALL REINFORCING STEEL TO ENSURE MINIMUM CONCRETE COVER AND MAINTAIN POSITION DURING
- G. PROVIDE ADEQUATE AND PROPER SUPPORT OF ALL REINFORCING STEEL AS REQUIRED TO
- PROVIDE THE COVER REQUIREMENTS NOTED ON THE PROJECT DRAWINGS AND ACI 318.
- H. CONCRETE COVER FOR REINFORCEMENT TO BE AS FOLLOWS:
 - LOCATION / APPLICATION SLAB ON GRADE:
- F 5. CONTRACTOR SHALL PROVIDE PROTECTION FOR ALL SUBGRADES, FOUNDATIONS AND SLABS FROM FROST EFFECTS DURING INCLEMENT WEATHER.
- F 6. ALUMINUM MATERIALS OF ANY TYPE ARE PROHIBITED FROM BEING CAST, EMBEDDED OR IN CONTACT WITH THE CONCRETE WORK.
- F 7. CONCRETE CONTRACTOR TO COORDINATE WITH M.E.P. CONTRACTORS FOR ANY REQUIRED FOUNDATION DEPRESSIONS, OPENINGS, KNOCK-OUTS, FLOOR DRAINS, INSERTS, ETC.
- F 8. ACCEPTABLE INJECTION EPOXY ADHESIVE PRODUCTS INCLUDE THE FOLLOWING:
 - a. HILTI HY-150 FAST-CURING INJECTION ADHESIVE SYSTEM.
 - b. SIMPSON STRONG-TIE SET-XP HIGH-STRENGTH ANCHORING ADHESIVE SYSTEM. c. POWERS FASTENERS PURE 110+ EPOXY INJECTION ADHESIVE ANCHORING SYSTEM.

FOUNDATION & SLAB **SYMBOLS & NOMENCLATURE**

- F a. S.C.J. DENOTES SLAB CONTRACTION/CONTROL JOINT.
- F b. P-1 DENOTES CONCRETE PIER FOOTING. SEE SCHEDULE ON SHEET S310.
- F c. SLAB S1 DENOTES CONCRETE SLAB. SEE PLANS AND SCHEDULE ON SHEET S310 FOR ALL SLAB TYPES AND LOCATIONS.

- W1. WOOD FRAMING TO CONFORM TO THE LATEST EDITIONS OF THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION MANUAL.
- W2. ALL LIGHT GAUGE WOOD CONNECTORS ARE TO BE AS MANUFACTURED BY SIMPSON STRONG-TIE. PROVIDE FASTENER TYPE AND QUANTITY THAT RESULTS IN THE MAXIMUM TABULATED VALUES.

WOOD FRAMING NOTES

- W3. SEE SCHEDULE ON SHEET S010 FOR TYPICAL MINIMUM FASTENER CONNECTION REQUIREMENTS FOR ALL WOOD FRAMING
- W4. MINIMUM ELEMENT PROPERTIES AS FOLLOWS:
- CONVENTIONAL LUMBER
- SPECIES: DOUG FIR LARCH NORTH DENSE No. 2 GRADE
- Fb: 1000 PSI Fc: 700 PSI
- Fv: 170 PSI E: 1,400,000 PSI
- W5. ALL LUMBER TO BE PRESSURE PRESERVATIVE TREATED.

MINIMUM WOOD FRAMING FASTENING SCHEDULE

| CONNECTION TYPE | FASTENER TYPE, SPACING & QTY. | FASTENER LOCATION | SPECIAL COMMENTS |
|--------------------------------------|--------------------------------|-------------------|--------------------------|
| 1. OWT TO SILL, GIRDER, PLATE, ETC. | PER MANUFACTURER | FACE NAIL | |
| 2. OWT BRIDGING | PER MANUFACTURER | PER MANUFACTURER | |
| 3. PLYWOOD WALL SHEATHING | 10d @ 6" (EDGES), 12" (FIELD) | FACE NAIL | SEE SHEARWALL SCHEDULE |
| 4. PLYWOOD FLOOR/ROOF SHEATHING | 10d @ 6" (EDGES), 12" (FIELD) | FACE NAIL | SEE SHEET S013 |
| 5. SOLID BLOCKING BETWEEN OWT SEATS | (4)-16d | FACE NAIL | |
| 6. TOP PLATE TO STUD | (2)-16d | END NAIL | |
| 7. SILL PLATE TO STUD | (2)-16d | FACE NAIL | |
| 8. BUILT-UP POSTS, CRIPPLES, KINGS | SEE DETAIL ON SCHEDULE | FACE NAIL | |
| 9. BUILT-UP HEADERS & BEAMS | SEE DETAIL ON SCHEDULE | FACE NAIL | |
| 10. HEADER & BEAM TO KING STUD | (2)-16d @ 4" VERTICALLY | FACE NAIL | |
| 11. LEDGER BOARD TO SUPPORT | (4)-16d @ 16" VERTICALLY | FACE NAIL | |
| 12. TOP PLATE: CORNERS/INTERSECTIONS | (3)–16d | FACE NAIL | |
| 13. TOP PLATE: LAP SPLICES | (3)-16d @ 24" | FACE NAIL | MIN. SPLICE LENGTH=36" |
| 14. JOIST BRIDGING | (3)–16d | FACE NAIL | OFFSET 2" FOR FACE NAIL |
| 15. MULTIPLE SILL PLATES | (2)-16d @ 24" | FACE NAIL | |
| 16. "LET-IN" LEDGERS | (3)-16d @ 16" | FACE NAIL | |
| 17. MISCELLANEOUS BLOCKING | (3)–16d | END NAIL | |
| 18. JOISTS TO LEDGERS & BEAMS | TOP FLANGE JOIST HANGER | PER MANUFACTURER | * SEE APPLICABLE DETAILS |
| 19. COMMON & SCISSOR ROOF TRUSSES | SIMPSON H1 ANCHOR | EA. END @ SUPPORT | |
| 20. ROOF GIRDER TRUSSES | SIMPSON TIE AS REQUIRED | EA. END @ SUPPORT | PER LOAD/GEOMETRY |
| 21. SILL TO CONCRETE & MASONRY | (2)-1/4"øx3" TITEN SCREW @ 24" | FACE SCREW | |
| 22. FREE STANDING POST TO BEAM | SIMPSON CCQ SERIES | TOP OF POST | PER LOAD/GEOMETRY |
| 23. FREE STANDING POST TO CONCRETE | SIMPSON CB66 | BASE OF POST | PER LOAD/GEOMETRY |
| 24. FREE STANDING POST TO PRECAST | SIMPSON ABE66 | BASE OF POST | PER LOAD/GEOMETRY |
| 25. DIAGONAL BRACES & STRUTS | (3)–16d | FACE NAIL | |
| 26. CONTINUOUS FACIA BOARD TO TRUSS | (3)-16d @ 24" | FACE NAIL | |
| | | | |
| | | | |
| | | | |

MINIMUM WOOD FRAMING FASTENING SCHEDULE NOTES

- NOTES:

 1. MINIMUM ATTACHMENTS NOTED ABOVE ARE TO BE USED UNLESS SECTIONS, DETAILS OR NOTES INDICATE OTHERWISE. 2. MINIMUM ATTACHMENTS ARE FOR STRUCTURAL ELEMENTS. NON-STRUCTURAL ELEMENT ATTACHMENTS TO CONFORM TO THE
- "FASTENING SCHEDULE" IN CHAPTER 23 OF THE LATEST EDITION OF THE INTERNATIONAL BUILDING CODE. 3. IN ABSENCE OF INFORMATION ON A SPECIFIC CONNECTION TYPE, REFER TO THE "FASTENING SCHEDULE" IN CHAPTER 23 OF THE THE LATEST EDITION OF THE INTERNATIONAL BUILDING CODE
- 4. SEE SCHEDULES ON THIS SHEET FOR ADDITIONAL FASTENING REQUIREMENTS 5. ALL NAILS ARE TO BE COMMON NAILS.
- 7. * JOIST HANGERS ALWAYS REQUIRED. CONTRACTOR TO ASSUME MINIMUM HANGERS AS NOTED IN THE SECTIONS AND DETAILS.

STORM WATER POLLUTION PREVENTION GENERAL NOTES

NOT CONTINUOUS

SOLID BLOCKING,

REFER TO DETAILS

EARTH

CONCRETE

EXISTING

BEDROCK

EXISTING PAVED

ROOF/FLOOR FRAME

(NO DECK /SLAB)

ROOF/FLOOR FRAME

FOR OPENING W/

PIPING/CONDUITS

REQ'D TO BE SLEEVED AND FIRE CAULKED

FOR FRAMED OPENING

SURFACE

|0|

ELEVATION NUMBER-

SHEET NUMBER -

SECTION NUMBER -

LOCATION

ELEVATION

SPOT ELEVATION

CONCRETE PIER TAG

IDENTIFICATION

CONTINUOUS

BLOCKING

KEYNOTE

SHEET NUMBER -

- 1. CONTRACTOR SHALL IMPLEMENT PRACTICES OF VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL CONSTRUCTED ACCORDING TO THE MINIMUM STANDARDS AND SPECIFICATIONS SET FORTH IN THE ILLINOIS URBAN MANUAL.
- 2. IT IS THE RESPONSABILITY OF THE LANDOWNER AND/OR GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING THE EROSION CONTROL PLANS AND THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEMS (NPDES) PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS EPA.
- . CONTRACTOR SHALL IMPLEMENT THE FOLLOWING MEASURES PRIOR TO THE START OF CONSTRUCTION:
- SITE ASSESSMENT AND PLANNING:

CLEANING UP SPILLS PROMPTLY.

-\S710 /

1ST FLR.

100'-0"

P-22

0.000

- a. IDENTIFY POTENTIAL SOURCES OF POLLUTION ON SITE. b. DEVELOPE SITE PLAN MAP SHOWING THE SITE, DRAINAGE AREAS AND STORM WATER DISCHARGE POINTS.
- c. DETERMINE APPROPRIATE BEST MANAGEMENT PRACTICES (BMPs) TO PREVENT EROSION AND **SEDIMENTATION**
- 4. CONTRACTOR SHALL IMPLEMENT THE FOLLOWING MEASURES DURING TO THE COURSE OF CONSTRUCTION:
- a. GOOD HOUSEKEEPING PRACTICES: STORAGE OF MATERIALS, WASTE DISPOSAL AND

DRAFTING LEGEND

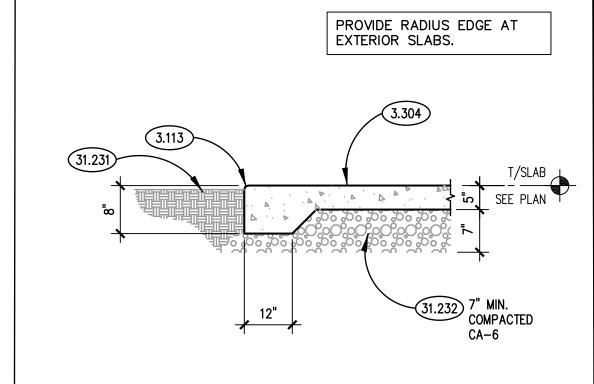
- b. EROSION AND SEDIMENT CONTROL: USE OF SILT FENCES, SEDIMENT TRAPS AND SLOP STABILIZATION TO PREVENT SOIL FROM WASHING INTO WATERWAYS. c. MATERIAL MANAGEMENT: IIMPLEMENT MEASURES TO PREVENT SPILLS AND LEAKS, AND ENSURE PROPER STORAGE OF HAZARDOUS MATERIALS.
- 5. CONTRACTOR SHALL CONDUCT REGULAR INSPECTIONS OF THE SITE AND BMPs TO IDENTIFY AND ADDRESS ISSUES PROMPTLY.
- 6. CONTRACTOR SHALL KEEP RECORDS OF INSPECTIONS, MAINTENANCE AND ANY CORRECTIVE ACTIONS TAKEN.

SECOND POUR

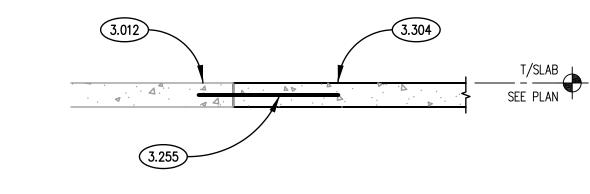
-(3.366)

CONSTRUCTION JOINT

AFTER 24 HOURS



TYP. SLAB EDGE DETAIL (4



PROVIDE RADIUS EDGE AT

TOOLED CONTRACTION JOINT (T.C.J.)

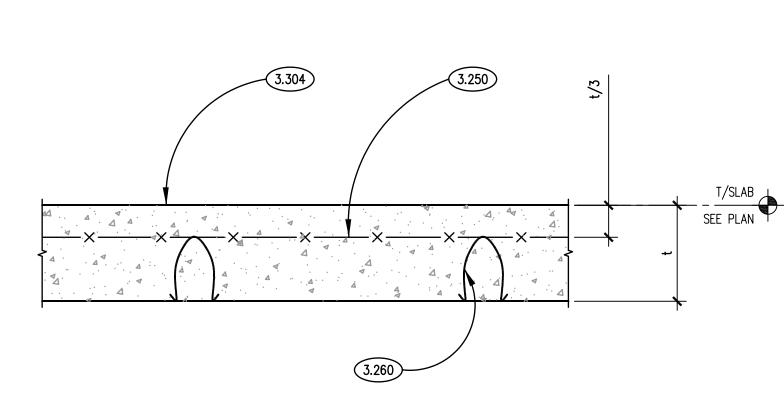
EXTERIOR SLABS.

TYP. NEW SLAB TO EXIST. SLAB DETAIL



KEYNOTES

3.012 EXISTING CONCRETE SLAB.



DETAIL IS APPLICABLE TO ALL SLABS WITH WELDED WIRE FABRIC. SEE SPECIFICATIONS & SLAB SCHEDULE FOR ADDITIONAL INFORMATION.

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED "PULL UP" METHOD DURING SLAB PLACEMENT NOT ACCEPTABLE. DISCONTINUE AT CONTRACTION AND CONSTRUCTION

SCALE: N.T.S.

DRAWN

CHECKED **APPROVED** SHEET TITLE

TESTING SCHEDULES

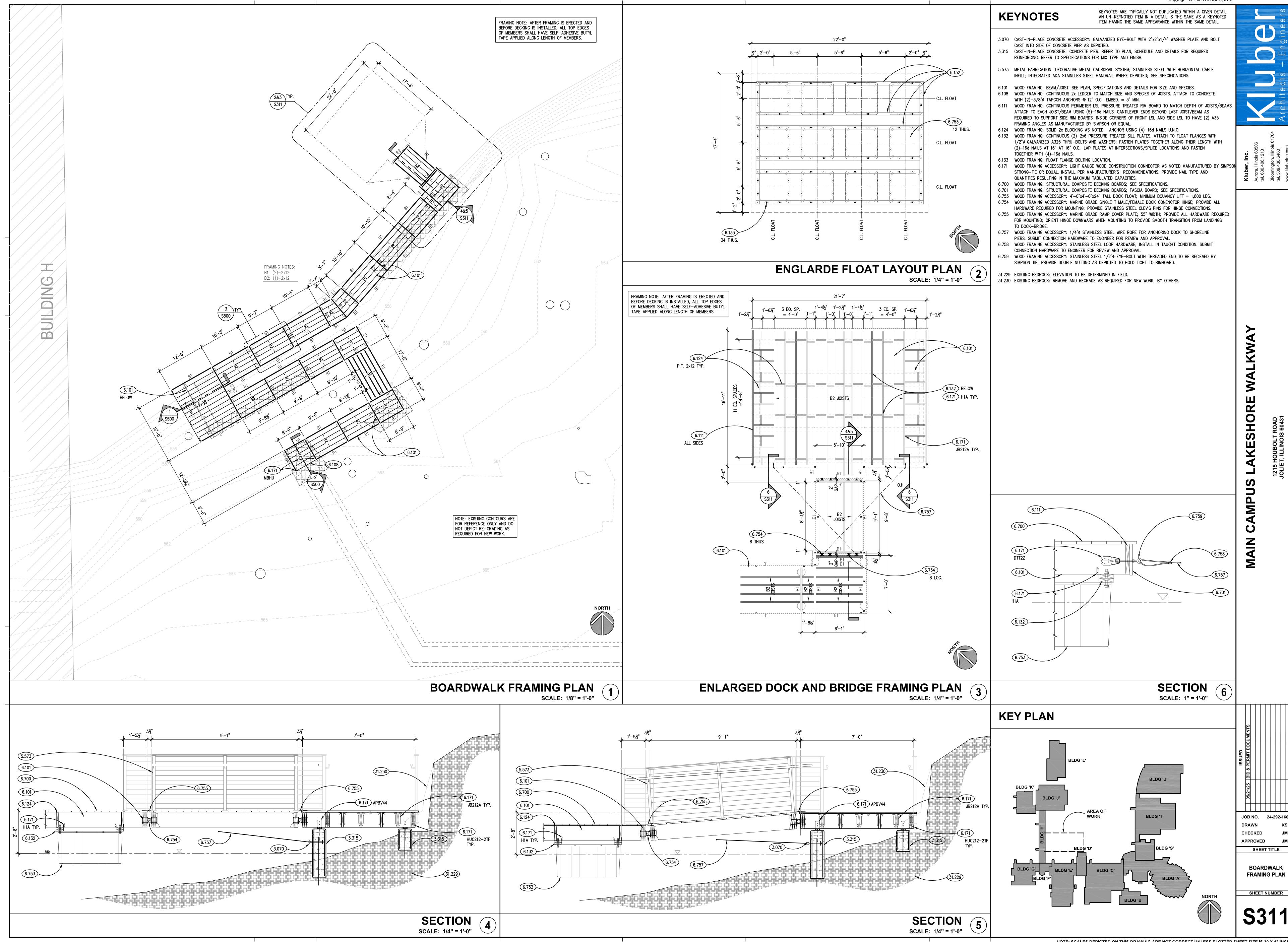
TYPICAL SLAB JOINT DETAILS (2) **TYPICAL SLAB ON GRADE DETAIL**

GENERAL NOTES CODE & LOADING, & INSPECTIONS,

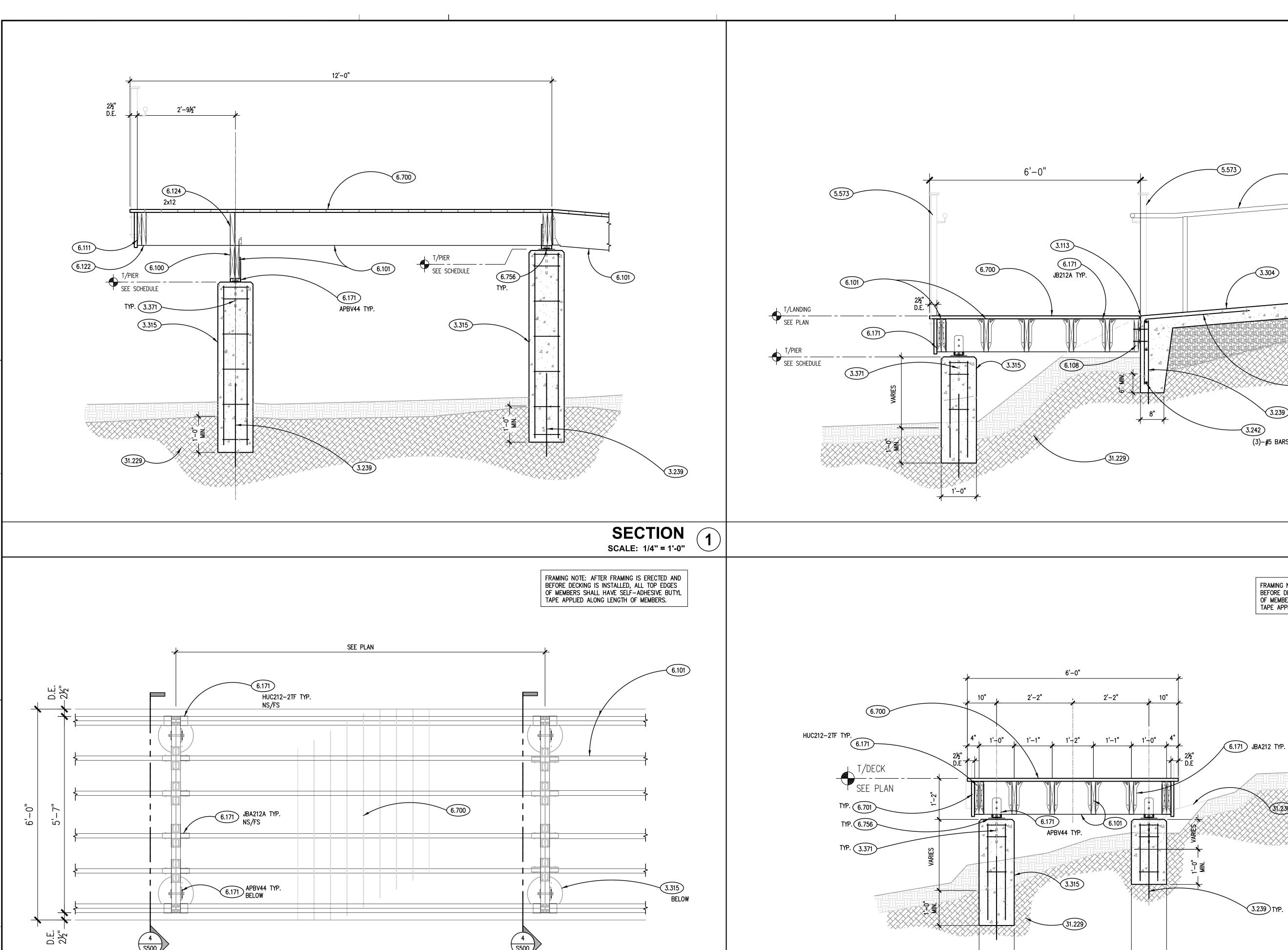
SHEET NUMBER

NOTE: SCALES DEPICTED ON THIS DRAWING ARE NOT CORRECT UNLESS PLOTTED SHEET SIZE IS 30 X 42 INCHES.

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TYPICAL FRAMING PLAN VIEW
SCALE: 1/4" = 1'-0"

(3)-#5 BARS EQ. SPACED

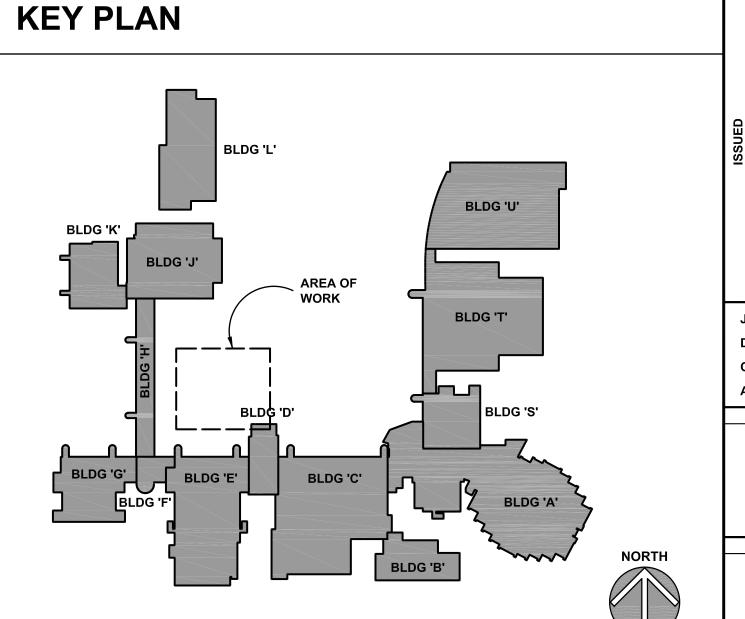
SECTION 2

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

FRAMING NOTE: AFTER FRAMING IS ERECTED AND BEFORE DECKING IS INSTALLED, ALL TOP EDGES OF MEMBERS SHALL HAVE SELF-ADHESIVE BUTYL TAPE APPLIED ALONG LENGTH OF MEMBERS.

3.239 TYP. 1'-0"

TYPICAL FRAMING SECTION
SCALE: 1/4" = 1'-0"



CHECKED APPROVED SHEET TITLE

SECTIONS AND DETAILS

SHEET NUMBER

ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL. 3.113 CONCRETE FORMING AND ACCESSORIES: CONTINUOUS RADIUS EDGE. PROVIDE 1/2" RADIUS U.N.O.

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED

3.222 CONCRETE REINFORCING: #5 BENT DOWELS @ 1'-0" O.C. HORIZONTAL LEG= 2'-6", VERTICAL LEG= AS

3.239 CONCRETE REINFORCING: #5 VERTICAL (EPOXY) DOWEL x 3'-0" LONG. ANCHOR INTO EXISTING COMPETENT BEDROCK USING INJECTION ADHESIVE/EPOXY SYSTEM PER PROJECT SPECIFICATIONS. EMBEDMENT TO BE 1'-0" U.N.O. IF OVERALL CONCRETE HEIGHT IS LESS THAN 2'-0"; FIELD TRIM BAR LENGTH AS REQUIRED TO

KEEP WITHIN CONCRETE. 3.242 CONCRETE REINFORCING: CONTINUOUS REINFORCEMENT AS NOTED. PROVIDE 2'-0" BENDS BACK INTO SIDES OF RAMP TURNDOWN EDGES.

KEYNOTES

3.304 CAST-IN-PLACE CONCRETE: EXTERIOR SLAB-ON-GRADE. REFER TO SPECIFICATIONS FOR MIX TYPE AND FINISH. REFER TO SCHEDULE FOR REINFORCING.

3.315 CAST-IN-PLACE CONCRETE: CONCRETE PIER. REFER TO PLAN, SCHEDULE AND DETAILS FOR REQUIRED REINFORCING. REFER TO SPECIFICATIONS FOR MIX TYPE AND FINISH.

3.371 CAST-IN-PLACE CONCRETE MISCELLANEOUS: GALVANIZED ANCHOR ROD; DIAMETER APPLICABLE TO SIMPSON PRODUCT; ANCHOR INTO CONCRETE PIER USING INJECTION ADHESIVE/EPOXY SYSTEM PER PROJECT SPECIFICATIONS. EMBEDMENT TO BE 12" U.N.O.

5.573 METAL FABRICATION: DECORATIVE METAL GAURDRAIL SYSTEM; STAINLESS STEEL WITH HORIZONTAL CABLE INFILL; INTEGRATED ADA STAINLLES STEEL HANDRAIL WHERE DEPICTED; SEE SPECIFICATIONS.

5.574 METAL FABRICATION: 1 1/2" DIAMETER NOMINAL STAINLESS STEEL HANDRAIL ALONG PAVED RAMP SURFACE EDGES; PROVIDE POST SUPPORTS @ 5'-0" O.C. AND INTEGRATE BOTTOM OF RAILING INTO DECORATIVE RAILING SYSTEM FOR SMOOTH TRANSITION. CORE AND SET POSTS WITH 2" DIAMTER x 4" DEEP EXTERIOR POR-ROK PER SPECIFICATIONS.

6.100 WOOD FRAMING: LOAD BEARING WALL. SEE PLAN, SCHEDULE AND DETAILS FOR SIZE, SPECIES AND SPACING. 6.101 WOOD FRAMING: BEAM/JOIST. SEE PLAN, SPECIFICATIONS AND DETAILS FOR SIZE AND SPECIES. 6.108 WOOD FRAMING: CONTINUOUS 2x LEDGER TO MATCH SIZE AND SPECIES OF JOISTS. ATTACH TO CONCRETE

WITH (2)-3/8" TAPCON ANCHORS @ 12" O.C., EMBED. = 3" MIN. PROVIDE STAINLESS STEEL WASHERS TO OFFSET BOARD 1/4" FROM CONCRETE SURFACE. 6.111 WOOD FRAMING: CONTINUOUS PERIMETER LSL PRESSURE TREATED RIM BOARD TO MATCH DEPTH OF JOISTS/BEAMS.

ATTACH TO EACH JOIST/BEAM USING (5)-16d NAILS. CANTILEVER ENDS BEYOND LAST JOIST/BEAM AS REQUIRED TO SUPPORT SIDE RIM BOARDS. INSIDE CORNERS OF FRONT LSL AND SIDE LSL TO HAVE (2) A35 FRAMING ANGLES AS MANUFACTURED BY SIMPSON OR EQUAL.

6.122 WOOD FRAMING: 2x SOLID BLOCKING BETWEEN JOISTS AS REQUIRED FOR RAILING CONNECTION. ANCHOR TO JOISTS USING (3)-16d NAILS (END NAILS) EACH END U.N.O. 6.124 WOOD FRAMING: SOLID 2x BLOCKING AS NOTED. ANCHOR USING (4)-16d NAILS U.N.O.

6.171 WOOD FRAMING ACCESSORY: LIGHT GAUGE WOOD CONSTRUCTION CONNECTOR AS NOTED MANUFACTURED BY SIMPSON STRONG-TIE OR EQUAL. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE NAIL TYPE AND QUANTITIES RESULTING IN THE MAXIMUM TABULATED CAPACITIES.

6.700 WOOD FRAMING: STRUCTURAL COMPOSITE DECKING BOARDS; SEE SPECIFICATIONS. 6.701 WOOD FRAMING: STRUCTURAL COMPOSITE DECKING BOARDS; FASCIA BOARD; SEE SPECIFICATIONS.

31.230 EXISTING BEDROCK: REMOVE AND REGRADE AS REQUIRED FOR NEW WORK; BY OTHERS.

31.229 EXISTING BEDROCK: ELEVATION TO BE DETERMINED IN FIELD.

6.756 WOOD FRAMING ACCESSORY: PROVIDE GALVANIZED STREEL SHIMS AS REQUIRED TO LEVEL BASE SUPPORT.