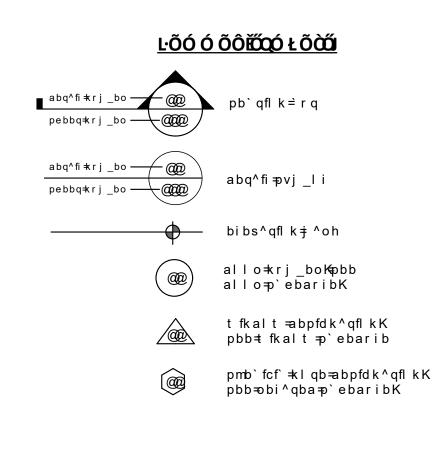
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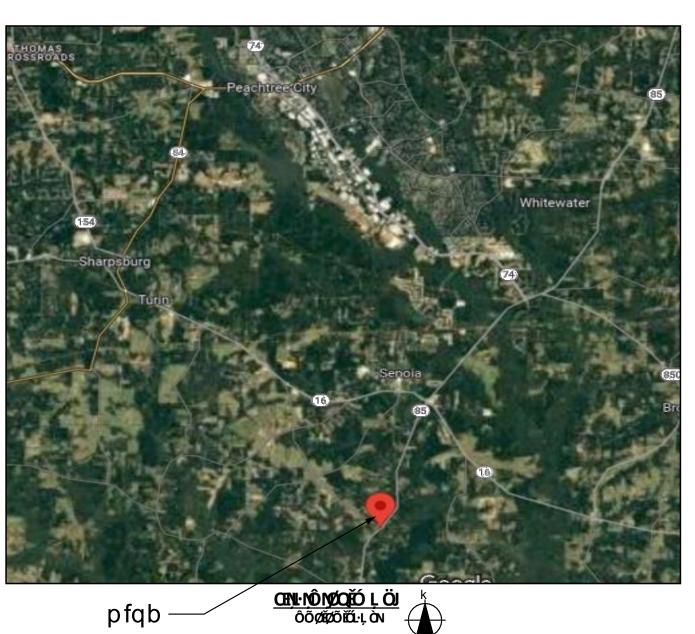
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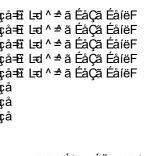
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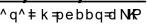
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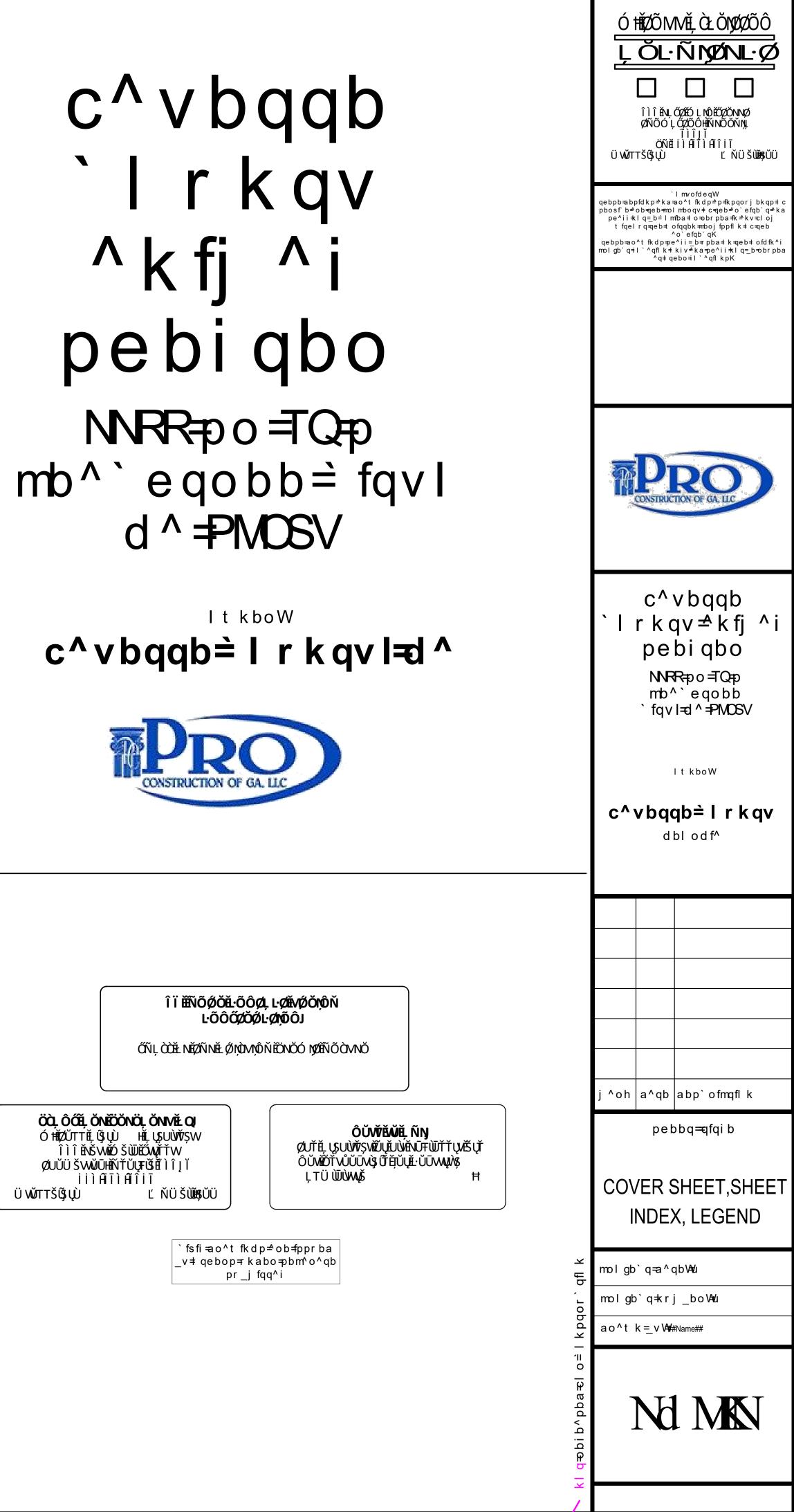


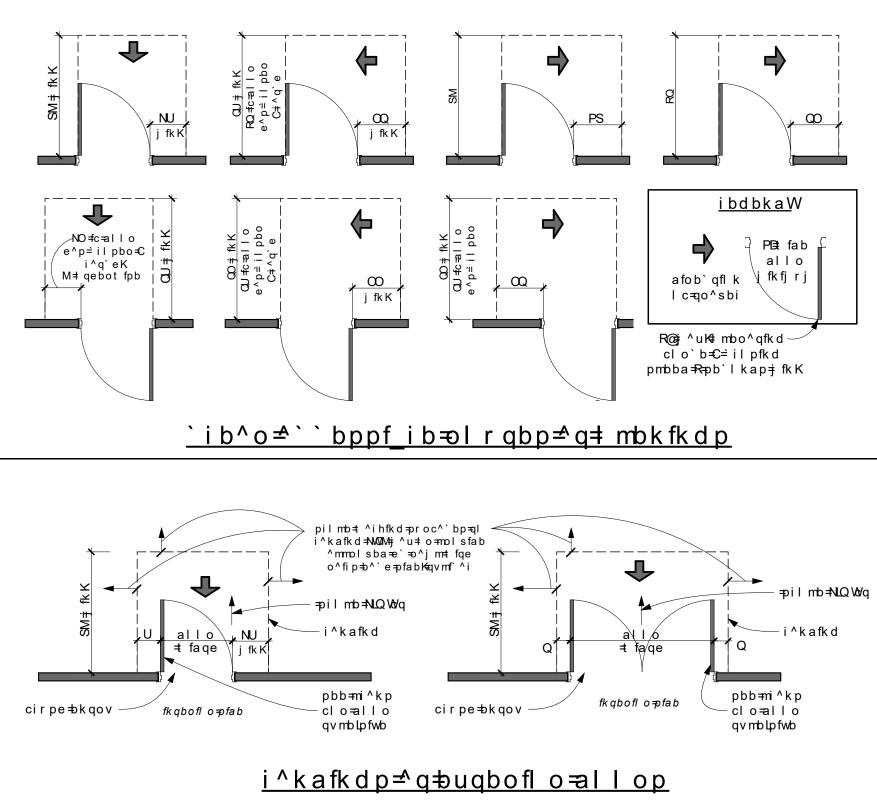
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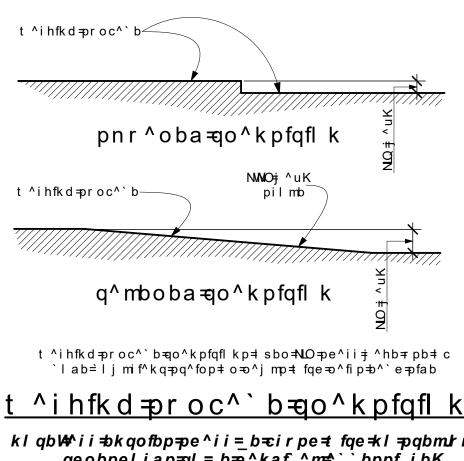
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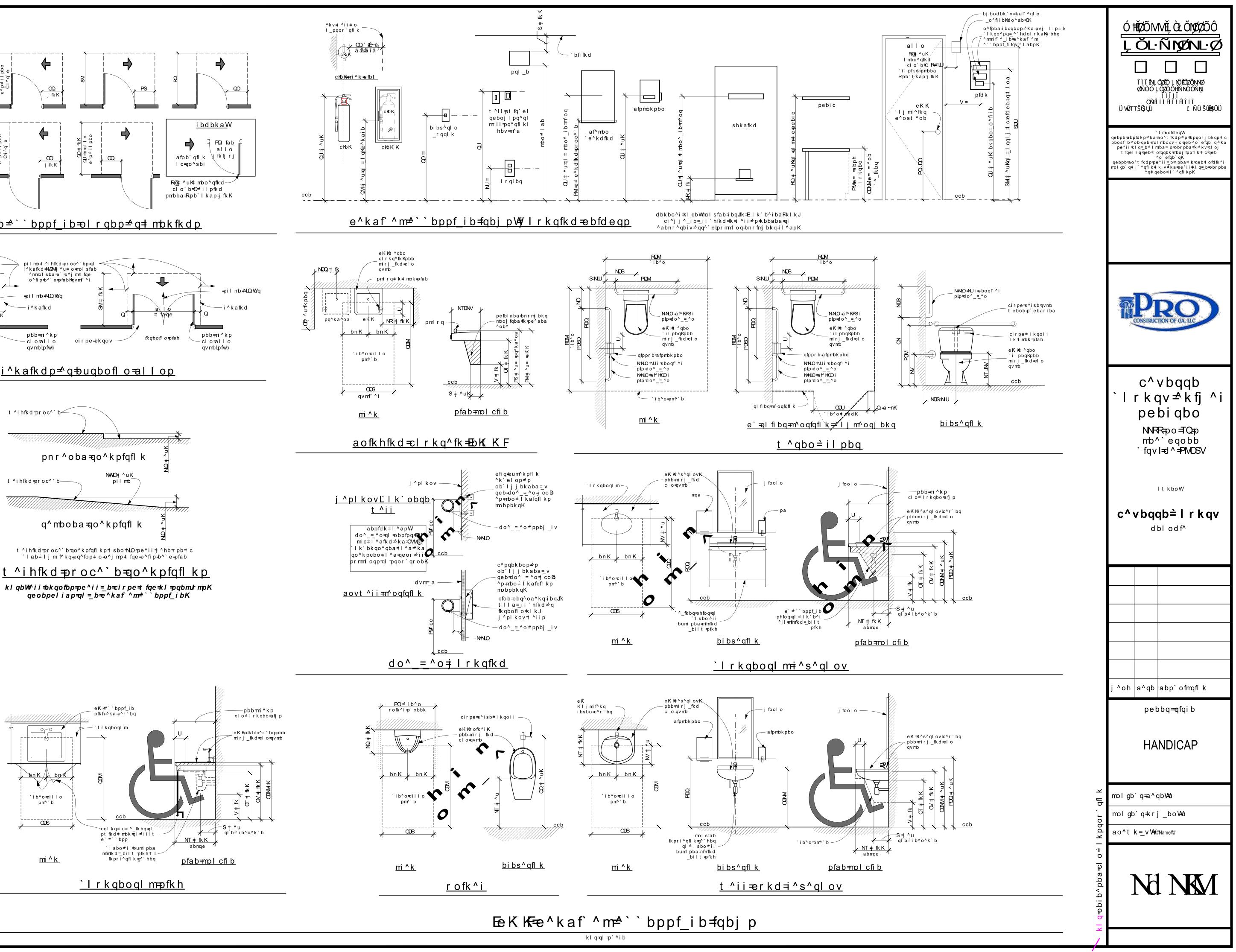
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Project Specifications:

01000 GENERAL

LICENSES

- 1. ALL CONTRACTORS, SUBCONTRACTORS, AND VENDORS SHALL BE LICENSED AS PER STATE LAWS TO PERFORM THE RELATED CONSTRUCTION WORK.
- 2. CONTRACTORS THAT ARE PRICING OR UNDERTAKING WORK ON D.O.T. RIGHT-OF-WAYS SHALL BE
- SPECIFICALLY PRE-APPROVED BY THE D.O.T. TO PERFORM SUCH WORK. THE CONTRACTOR SHALL PROVIDE ALL BONDS REQUIRED TO PERFORM WORK ON RELATED RIGHT-A-WAY. 3. CONTRACTORS PRICING OR UNDERTAKING WORK ON UTILITY EASEMENTS SHALL BE SPECIFICALLY PRE-APPROVED BY THE RELATED UTILITY COMPANY TO PERFORM SUCH WORK. THE CONTRACTOR SHALL PROVIDE
- ALL BONDS REQUIRED TO PERFORM WORK ON RELATED RIGHT-A-WAY OR EASEMENT.

PERMITS AND FEES

- 1. UNLESS NOTED OTHERWISE ELSEWHERE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR SUBMITTING ALL PLANS AND DOCUMENTS TO PERMITTING AGENCIES AS NEEDED TO OBTAIN ALL PERMITS AND APPROVALS AS REQUIRED BY STATE LAW AS PER THE TYPE OF PROJECT BEING UNDERTAKEN. SUCH PERMITTING AGENCIES TO INCLUDE: STATE (N.O.I. & N.O.T.), FEDERAL AGENCIES (AS MAY BE APPLICABLE), LOCAL UTILITY DEPARTMENTS, LOCAL PLANNING AND ZONING DEPARTMENT, FIRE MARSHAL, AND OTHER AUTHORITIES AS MAY BE REQUIRED.
- 2. THE CONTRACTOR SHALL OBTAIN AND PAY FOR THE FOLLOWING:
- A. CONSTRUCTION PERMITS. B. ANY UTILITY SERVICE: TEMPORARY SERVICE, LOCATE, DISCONNECT, RELOCATION, CONNECTION/TAP, VAULTS, CONDUITS, METERS, TAP FEES, BORING, TRENCHING, PATCHING.
- C. BONDS OR OTHER INSURANCES AS REQUIRED BY STATE D.O.T. OR UTILITY COMPANY.
- D. IMPACT FEES AS MAY BE DESCRIBED HEREIN.
- 3. THE GENERAL CONTRACTOR SHALL COORDINATE AND INCLUDE ANY WORK RELATED TO PLAN REVIEW COMMENTS MADE BY PERMITTING OFFICIALS.

01200 BUILDING DRAWINGS

- 1. DRAWINGS ARE INTENDED TO PROVIDE A BASIS FOR COMPLETION OF WORK SUITABLE FOR THE INTENDED USE OF THE OWNER. ANYTHING NOT EXPRESSLY SET FORTH BUT WHICH IS REASONABLY IMPLIED OR NECESSARY FOR PROPER PERFORMANCE OF THE PROJECT SHALL BE INCLUDED AND PROVIDED AT NO ADDITIONAL COSTS.
- ALL SUBCONTRACTORS AND SUPPLIERS SHALL REVIEW THE ENTIRE SET OF CONSTRUCTION DOCUMENTS TO COORDINATE WORK OF THEIR PARTICULAR TRADE. SUCH PLAN REVIEW SHALL NOT BE LIMITED TO ONLY THE TRADITIONAL TRADE DRAWINGS.
- 3. IF ANY TWO OR MORE CONDITIONS REFLECT CONFLICTING DATA, DETAIL OR INSTRUCTION, THE MOST "STRICT" OR "COSTLY" ITEM SHALL PREVAIL IN TERMS OF CONTRACTOR PRICING. PRIOR TO START OF
- RELATED WORK, SUCH CONFLICTING ITEMS SHALL BE COORDINATED FOR RESOLUTION. 4. PLAN COPIES – THE CONTRACTOR SHALL PAY FOR ALL PLAN PRINTING AS NEEDED FOR PERMIT SUBMITTALS AND GENERAL WORK. DIGITAL (PDF) COPIES OF "BUILDING" PLANS CAN BE PROVIDED BY THE OWNER FOR USE ON THIS PROJECT ONLY.
- 5. THE ARCHITECT AND/OR HIS ENGINEERS MAKE NO GUARANTEES ON THE ACCURACY OF SCALE OF ANY DIGITAL DRAWING FILES.
- 6. ALL BUILDING PLANS AND DIGITAL/CAD FILES REMAIN THE PROPERTY OF THE RELATED ARCHITECT OR ENGINEER. DO NOT REUSE PLANS ON ANY OTHER PROJECT OR LOCATION.
- 7. <u>DO NOT SCALE THE DRAWINGS</u> FOR ANY CRITICAL DIMENSIONS.
- 8. CONTACT THE CIVIL ENGINEER FOR INFORMATION REGARDING THE PROCESS AND RELATED COSTS FOR OBTAINING: CIVIL CUT/FILL CALCS, CIVIL POINTS FILES, AND CIVIL CAD FILES.
- 9. THE ARCHITECT ASSUMES THAT THE PERMIT PLAN REVIEW BY THE AUTHORITIES HAVING JURISDICTION (AHJ) IS THOROUGH, ACCURATE, AND COMPLETE. ANY CHANGES REQUESTED BY THE AHJ OR REQUIRED AS A RESULT OF REVIEWS/INSPECTIONS MADE BY AHJ AFTER PROJECT PERMITTING SHALL BE DEEMED A "LEGITIMATE" CHANGE ORDER. THE ARCHITECT OR ENGINEER WILL ASSUME NO RESPONSIBILITY FOR ANY COSTS RELATING TO SUCH CHANGES.

VALUE ENGINEERING

- 1. THE BASE BID PRICING SHALL BE AS PER THE ORIGINAL PLANS AND SPECIFICATIONS. 2. VALUE ENGINEERING PRICING MAY BE PROVIDED TO THE OWNER ON A SEPARATE BID SHEET. LIST AND
- DESCRIBE SUCH VALUE ENGINEERING WORK, COST SAVINGS, AND TIME SAVINGS.
- a. VALUE ENGINEERING ITEMS SHALL MEET ALL APPLICABLE CODES AND REGULATIONS.
- b. VALUE ENGINEERING ITEMS SHALL MAINTAIN THE ORIGINAL DESIGN INTENT OF THE DRAWINGS. c. VALUE ENGINEERING COSTS SHALL INCLUDE THE FEES FOR ANY RE-DESIGN OR RE-ENGINEERING
- REQUIRED. 3. THE GENERAL CONTRACTOR SHALL ASSUME ALL LIABILITY FOR ANY VALUE ENGINEERING ITEMS.

01500 SHOP DRAWING SUBMITTAL PROCEDURES

1. FOR ALL MAJOR ASSEMBLIES, SUBMIT THE FOLLOWING SHOP DRAWINGS TO THE OWNER FOR REVIEW:

- A. PRODUCT DATA, CUT SHEETS B. DETAILED FABRICATION AND LAYOUT DRAWINGS
- C. FINISH SAMPLES, COLOR CHARTS
- D. MOCK-UPS OF COMPLEX ASSEMBLIES
- E. TEST DATA
- F. SUBMITTALS FOR COMPLEX PROCEDURES WHICH ARE NOT DEFINED ELSEWHERE
- 2. PRIOR TO SUBMITTAL OF SHOP DRAWINGS TO THE OWNER, THE
 - CONTRACTOR SHALL THOROUGHLY REVIEW AND COORDINATE THE SHOP DRAWINGS WITH THE BUILDING DRAWINGS TO ENSURE THAT THE DESIGN INTENT IS MET.
 - SHOP DRAWINGS WILL NOT BE REVIEWED BY THE OWNER, ARCHITECT, OR ENGINEER UNTIL RECEIPT OF THE CONTRACTOR'S WRITTEN APPROVAL OF THE RELATED SHOP DRAWINGS.
- 3. COPIES OF SHOP DRAWINGS TO SUBMIT FOUR (4). EMAILED PDF'S ARE AN ACCEPTABLE ALTERNATE. (SUCH SHALL BE STAMPED – "REVIEWED AND APPROVED" BY THE CONTRACTOR PRIOR TO SUBMITTING TO OWNER FOR REVIEW)
- 4. SUBCONTRACTORS AND VENDORS SHALL NOT SUBMIT THEIR SHOP DRAWINGS DIRECTLY TO THE ARCHITECT, ENGINEER, OR OWNER.
- 5. THE ARCHITECT'S, ENGINEER'S, AND/OR OWNER'S REVIEW OF SHOP DRAWING DATA IS A GENERAL, NON-BINDING REVIEW ONLY. SUCH REVIEW DOES NOT RELEASE THE GENERAL CONTRACTOR FROM HIS SOLE RESPONSIBILITY TO MEET ALL BUILDING CODES AND THE DESIGN INTENT OF DRAWINGS.
- 6. THE OWNER SHALL BE ALLOWED TO SELECT ALL COLORS AND FINISHES PRIOR TO ORDER OR FABRICATION. 7. PROMPTLY CORRECT AND RESUBMIT ANY SHOP DRAWINGS WHICH ARE "NOT APPROVED".
- 8. DO NOT COMMENCE RELATED WORK UNTIL SHOP DRAWINGS ARE "APPROVED".

01600 CONSTRUCTION PROCEDURES

- 1. PROVIDE QUALIFIED "FULL TIME" ON-SITE SUPERVISION OF ALL WORK. 2. COORDINATE MAJOR SUBCONTRACTORS AND SUPPLIERS UNDERTAKING RELATED WORK IN ORDER TO AVOID
- CONFLICTS. 3. PROVIDE 4'X8' PROFESSIONALLY PAINTED PROJECT SIGN WITH (2) P.T. 4X4 POSTS. WORDING: PROJECT
- NAME, OWNER'S NAME, ARCHITECT'S NAME, CONTRACTOR'S COMPANY INFORMATION. INSTALL AT FRONT OF JOBSITE IN LOCATION AS APPROVED BY OWNER AND LOCAL BUILDING OFFICIALS. 4. FURNISH, STORE, HANDLE, INSTALL, AND PROTECT ALL MATERIALS, ASSEMBLIES, AND EQUIPMENT IN
- ACCORDANCE WITH APPLICABLE CODES, REGULATIONS, TRADE STANDARDS, AND RELATED MANUFACTURER'S PUBLISHED INSTRUCTIONS AS PER CONDITIONS PRESENT.
- 5. ADJUST ALL WORK AT COMPLETION. REPAIR OR REPLACE ANY DEFECTIVE WORK.
- 6. WHERE ANY PARTICULAR CODE, REGULATION, OR STANDARD IS REFERENCED TO BE MET, THE RELATED CONTRACTOR SHALL OBTAIN FULL COPIES OF SUCH CODE, REGULATION, OR STANDARD TO ENSURE THAT ALL RELATED WORK UNDERTAKEN IS IN COMPLIANCE.
- 7. INSTALLATION OF AN ASSEMBLY, MATERIAL, OR FINISH OVER ANOTHER MATERIAL, SUPPORT, OR SUBSTRATE SHALL CONSTITUTE THE INSTALLER'S AND THE RELATED ITEM MANUFACTURER'S ACCEPTANCE OF ALL CONDITIONS PRESENT AS BEING CODE COMPLIANT, IN ACCORDANCE WITH STANDARD PRACTICES, AND COVERED BY ALL WARRANTIES AND GUARANTEES.

- UNLESS NOTED OTHERWISE
- 10. ALL CONSTRUCTION WORK TO MEET STATE CODE REQUIREMENTS FOR "SAFEGUARDS DURING CONSTRUCTION".
- 11. INSPECTIONS: APPLY FOR, SCHEDULE, OBTAIN, AND PAY FOR ALL REQUIRED INSPECTIONS. CORRECT ANY DEFICIENCIES IMMEDIATELY. PROVIDE COPIES OF ALL INSPECTION REPORTS TO THE OWNER. DO NOT COVER ANY ITEMS UNTIL RELATED INSPECTIONS ARE PASSED.
- 12. ALL BUILDING MATERIALS/PRODUCTS TO COMPLY WITH LOCAL, STATE AND FEDERAL REGULATIONS CONTROLLING USE OF VOLATILE ORGANIC COMPOUNDS (VOC's).
- 13. ALL MATERIALS SHALL BE "NEW" AND CODE COMPLIANT. NO USED OR SUBSTANDARD MATERIALS SHALL BE USED.

01700 SPECIAL INSPECTIONS AND TESTING

- 1. PROVIDE 'SPECIAL INSPECTIONS' AS REQUIRED BY STATE BUILDING CODES. SUCH INSPECTIONS SHALL BE PERFORMED BY A "THIRD PARTY" CERTIFIED SPECIAL INSPECTIONS AGENCY.

 - TO PERFORM SUCH TESTING AND INSPECTIONS. INSPECTIONS ARE PERFORMED.
 - INSPECTIONS d. ANY WORK FAILING SPECIAL INSPECTIONS OR TESTING SHALL BE CORRECTED BY THE CONTRACTOR
- PRIOR TO PROCEEDING WITH RELATED WORK IN THE AREA. e. ANY COSTS ASSOCIATED WITH "RETESTS/REINSPECTION" OF ITEMS FAILING INITIAL
- TESTING/INSPECTIONS SHALL BE PAID BY THE CONTRACTOR. AND SUBMIT TO LOCAL BUILDING OFFICIALS PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY.
- f. THE CONTRACTOR SHALL OBTAIN COPIES OF ALL INTERIM AND FINAL SPECIAL INSPECTION REPORTS 2. PROVIDE THE FOLLOWING SPECIAL INSPECTIONS, TESTING, AND MONITORING AT STAGES, INTERVALS, AND
- FREQUENCY AS REQUIRED BY THE STATE BUILDING CODE (LATEST EDITION):
- b. SUBGRADE COMPACTION TESTING AT BUILDING FOUNDATION AND SLABS.
- c. REBAR PLACEMENT INSPECTION. d. CONCRETE CORE TESTS FOR FOOTINGS, INTERIOR SLABS, CONCRETE WALLS.
- e. STRUCTURAL STEEL FRAMING INCLUDING BRACING, BOLTED CONNECTIONS, FIELD WELDED
- CONNECTION.
- f. LOAD BEARING MASONRY WALLS OR MASONRY FOUNDATIONS. g. MOISTURE CONDITIONS AT: SUBGRADE OF SLABS LOCATED BELOW GRADE SUCH AS BASEMENT
- SLABS AND RECESSED SLAB AREAS. h. MOISTURE CONDITIONS AT: AREAS TO RECEIVE RETAINING WALLS WITH INTERIOR SPACE ON ONE
- SIDF. i. OTHER TESTS AS DESCRIBED HEREIN AND/OR REQUIRED BY THE AUTHORITY HAVING JURSDICTION..
- 3. OBTAIN ALL OTHER INSPECTIONS AS MAY BE REQUIRED BY LOCAL AND/OR STATE REGULATIONS AS PER TYPE OF CONSTRUCTION OR TYPE OF BUILDING OCCUPANCY.
- 4. AFTER SLAB POUR, CAMERA ALL WASTE/DRAIN PIPING BELOW THE BUILDING SLAB TO VERIFY PROPER SLOPE
- AND INSTALLATION. NO PIPE "BELLIES" ARE ALLOWED. CORRECT NON-CODE COMPLIANT WORK IMMEDIATELY.

01800 DESIGN-BUILD AND/OR PRE-ENGINEERED ITEMS:

- 1. WHERE INDICATED IN THE PLANS AND SPECIFICATIONS, THE CONTRACTOR, SUBCONTRACTOR, OR RELATED VENDOR SHALL PROVIDE "DESIGN-BUILD" SERVICES AND/OR "PRE-ENGINEERED" ASSEMBLIES. 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CERTIFIED DESIGN SHOP DRAWINGS OF SUCH ASSEMBLIES PREPARED BY A STATE LICENSED PROFESSIONAL ENGINEER CERTIFIED TO PROVIDE RELATED
- 3. SUBMIT SUCH DESIGN DOCUMENTATION TO THE LOCAL BUILDING INSPECTIONS DEPARTMENT PRIOR TO THE START OF THE RELATED WORK. "DO NOT PROCEED" WITH RELATED WORK UNTIL SUCH DOCUMENTATION "IS APPROVED" BY THE AUTHORITY HAVING JURISDICTION.
- 4. ALL ASSEMBLIES SHALL BE DESIGNED TO MEET RELATED CODES.

- 01900 CONSTRUCTION WASTE DISPOSAL
- 1. THE JOBSITE SHALL BE KEPT CLEAN AT ALL TIMES. 2. DISPOSE OF ALL WASTE LEGALLY OFF-SITE.
- 3. DO NOT BURN ANY DEBRIS ON-SITE.
- 4. DO NOT BURY ANY DEBRIS ON-SITE.
- 5. ANY HAZARDOUS MATERIALS (INCLUDING LEAD-BASED PAINT, FUELS, OR ASBESTOS) SHALL BE HANDLED AND DISPOSED OF OFF-SITE AS PER EPA GUIDELINES. MAINTAIN ALL RECORDS OF DISPOSAL.

02100 EXISTING CONDITIONS

- 1. WHILE ATTEMPTS ARE MADE TO SHOW EXISTING CONDITIONS AT THIS PROJECT, SUCH PROJECT DATA SHOULD NOT BE CONSIDERED FINAL OR INCLUSIVE OF ALL EXISTING CONDITIONS PRESENT.
- 2. ALL ENTITIES PRICING THIS PROJECT SHALL UNDERTAKE A THOROUGH 'SITE VISIT' TO VERIFY AND COORDINATE EXISTING CONDITIONS PRIOR TO SUBMITTING PRICING.
- BE PRESENT AT: a. SITE

DISCOVERY)

02200 SITE CONDITIONS

02300 TERMITE TREATMENT

PREPARATION)

- b. SITE UTILITIES
- c. EXISTING BUILDING WALLS, STRUCTURE AND FENESTRATIONS
- d. EXISTING ROOF AND ROOF MOUNTED EQUIPMENT
- e. ATTIC (IF PRESENT)
- f. CRAWLSPACE (IF PRESENT) g. LOAD BEARING ASSEMBLIES

COORDINATION OF SUCH.

8. WHERE A DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL ALSO APPLY TO LIKE OR SIMILAR CONDITIONS

9. WHERE SPECIFICALLY INDICATED ON THE PLANS THAT AN ITEM IS "BY OWNER", "BY OWNER'S VENDOR", "BY OTHERS", OR "N.I.C." SUCH WORK SHALL BE "NOT IN CONTRACT"; HOWEVER, THE CONTRACTOR SHALL ASSIST THE OWNER IN COORDINATION OF THAT RELATED WORK AS IT RELATES TO "IN CONTRACT" WORK IN ORDER TO INTEGRATE ALL ITEMS INTO THE PROJECT WITH NO CONFLICT BETWEEN TRADES.

- a. THE "OWNER" SHALL HIRE AND PAY FOR THE CERTIFIED "THIRD PARTY SPECIAL INSPECTION AGENCY"
- b. THE "THIRD PARTY SPECIAL INSPECTIONS AGENCY" SHALL PERFORM ALL TESTING AND INSPECTIONS, NOTE ANY SUBSTANDARD WORK, AND REVERIFY THAT ALL SUBSTANDARD WORK HAS BEEN CORRECTED. THE "THIRD PARTY SPECIAL INSPECTIONS AGENCY" SHALL ISSUE ALL INTERIM AND FINAL INSPECTION REPORTS TO THE OWNER AND CONTRACTOR WITHIN 48 HOURS AFTER SUCH
- c. THE "CONTRACTOR" SHALL CONTACT THE SPECIAL INSPECTIONS AGENCY AND SCHEDULE ALL
- a. SOIL BORINGS TO DETERMINE SUITABILITY OF SOILS TO SUPPORT NEW CONSTRUCTION.

5. ALL ASSEMBLIES SHALL ADEQUATELY SUPPORT ALL LOAD CONDITIONS PRESENT.

- 3. THE 'SITE VISIT' SHALL INCLUDE A DETAILED INSPECTION AND VERIFICATIONS OF EXISTING CONDITIONS AS MAY
- h. AREA ABOVE SUSPENDED CEILINGS
- i. INTERIOR UTILITIES (PLUMBING, ELECTRICAL, HVAC, LOW VOLTAGE, PHONE/DATA, FIRE PROTECTION) INTERIOR FINISHES (FLOORS, WALLS, CEILINGS, DOORS, HARDWARE, TRIM, CASEWORK) k. CODE VIOLATIONS (ANY CODE VIOLATIONS TO BE BROUGHT TO THE ATTENTION OF OWNER UPON
- 4. INCORPORATE EXISTING CONDITIONS WITH THESE PLANS AND NEW WORK TO BE PERFORMED. 5. ANY CONFLICTS OF DISCREPANCIES BETWEEN EXISTING CONDITION AND THESE PLANS SHALL BE IMMEDIATELY
- BROUGHT TO THE ATTENTION OF THE ARCHITECT AND COORDINATED WITH NEW WORK.
- 6. INCLUDE ALL WORK REQUIRED AS NEEDED TO MEET DESIGN INTENT OF THESE DRAWINGS. 7. CONTACT OWNER TO VERIFY THE AVAILABILITY OF EXISTING BUILDING DETAILED DRAWINGS.
- a. IF EXISTING BUILDING DRAWING ARE PRESENT, THEN PREFORM A DETAILED REVIEW AND
- (REFERENCE SITE DRAWINGS BY LICENSED CIVIL ENGINEER FOR DATA RELATING TO SITE CONDITIONS AND SITE
- 1. PRETREAT ALL GRADE AREAS BENEATH FLOOR SLABS, AT FOUNDATIONS, AND AT CRAWLSPACES (IF PRESENT). 2. MATERIALS AND PROCEDURES FOR TERMITE TREATMENT SHALL BE APPROVED BY THE U.S. DEPARTMENT OF AGRICULTURE AND LOCAL ENVIRONMENTAL HEALTH DEPARTMENT.

- MEET THE REQUIREMENTS OF THE STATE'S STRUCTURAL PEST CONTROL REGULATIONS.
- 4. MATERIALS TO BE WATER BASED EMULSIONS UNLESS OTHERWISE NOT ALLOWED BY RELATED GOVERNING REGULATIONS AS PER RELATED INSTALLATION CONDITIONS. IN SUCH CASED PROVIDE TERMITE TREATMENT MATERIALS AND INSTALL METHODS AS APPROVED BY THE RELATED AUTHORITIES AS PER CONDITIONS PRESENT
- 5. HANDLE AND APPLY MATERIALS AS SUGGESTED BY THE U.S. DEPARTMENT OF AGRICULTURE.
- 6. APPLICATOR TO BE LICENSED, CERTIFIED, AND INSURED AS PER STATE/FEDERAL REGULATIONS. 7. PROVIDE A CERTIFICATE OF TREATMENT ALONG WITH A 5 YR. WARRANTY STARTING AT DATE OF
- SUBSTANTIAL COMPLETION. PROVIDE OWNER WITH ORIGINAL COPY OF CERTIFICATE AND WARRANTY. a. WARRANTY AND GUARANTEE SHALL STATE THAT "IF ANY TERMITE INFESTATION IS DISCOVERED WITHIN THE WARRANTY PERIOD ALL AREAS WILL BE RETREATED AND ANY DAMAGE CAUSED BY INFESTATION WILL BE REPAIRED OR REPLACED AT THE EXPENSE OF THE ORIGINAL APPLICATOR."

03000 CONCRETE WORK

(REFERENCE ANY THIRD-PARTY FOUNDATION DESIGN DRAWINGS BY LICENSED STRUCTURAL ENGINEER. ANY SPECIFIC DATA ON SUCH PLANS SHALL SUPERSEDE THESE SPECIFICATIONS.)

- 1. PROVIDE "THIRD PARTY SPECIAL INSPECTIONS" AS PER STATE BUILDING CODES. SEE TESTING SPECIFICATIONS FOR ADDITIONAL INFORMATION. TEST AND INSPECT:
 - a. SUBGRADE BEARING CAPACITY
 - b. REINFORCING AT: FOUNDATIONS, SLABS, AND WALLS.
 - c. CONCRETE AT: FOUNDATIONS, SLABS, AND WALLS. d. EXTERIOR PAVING CONCRETE AND REINFORCING.
- 2. ALL CONCRETE WORK TO COMPLY WITH STATE BUILDING CODES AND ACI (LATEST EDITION) INCLUDING ACI 318-05.
- 3. ALL CONCRETE FOR THE PROJECT IS TO BE 28 DAY COMPRESSIVE STRENGTH:
 - a. 3000 PSI --- FOOTINGS AND STAIRS U.N.O. - SLABS ON
- b. 3000 PSI ---4. MAXIMUM SLUMP SHALL BE 4".
- 5. ALL POROUS/GRANULAR FILL UNDER SLABS SHALL BE SLIGHTLY MOIST, COMPACTABLE GRANULAR BASE SUCH AS CRUSHER RUN OR GAB.
- 6. REINFORCING STEEL
- a. ALL REINFORCING STEEL SHALL BE GRADE 60 PER ASTM A615.
- b. BENDING AND PLACEMENT OF REBAR SHALL MEET ACI STANDARD 315.
- c. REBAR ASSEMBLIES TO BE FREE OF RUST.
- d. MAINTAIN 3" CONCRETE COVER AT FOOTINGS. e. MAINTAIN 2" CONCRETE COVER AT WALLS AND SLABS.
- f. LAPS LAP ALL REBAR SPLICES AS PER CLASS "B" UNLESS NOTED OTHERWISE. 36 X BAR DIAMETER OR 32" WHICHEVER IS GREATER.
- g. VERTICAL REBAR SHALL BE CONTINUOUS THRU BOND BEAMS UNLESS NOTED OTHERWISE. h. ALL CONTINUOUS REBAR SHALL BE TURNED AND LAPPER AT ALL CORNERS AND INTERSECTIONS OF WALLS AND FOUNDATIONS.
- i. PROVIDE ALL REBAR TIES AND CHAIRS.
- j. WHERE DOWELS ARE INDICATED BUT NOT SIZED, PROVIDE DOWELS THAT MATCH THE SIZE AND
- LOCATION OF THE MAIN REINFORCEMENT AND LAP SPLICE WITH MAIN REINFORCEMENT. k. PROVIDE OSHA APPROVED PROTECTIVE CAPS ON ALL VERTICAL REBAR DURING CONSTRUCTION AS
- REQUIRED TO PROTECT PUBLIC AND WORKERS. I. WELDED WIRE FABRIC: MEET ASTM A-185. FURNISHED IN SHEETS ONLY (NO ROLLS). SPLICE WELD LAPS 6" MINIMUM. UNDERTAKE ALL MEASURES TO LOCATE AT CENTER OF SLABS (NOT BOTTOM). MATERIALS = 6X6 W1.4XW1.4 UNLESS NOTED OTHERWISE.
- m. FIBER REINFORCING MESH: PROVIDE WHERE INDICATED ON THE DRAWINGS. PRODUCTS TO MEET ASTM C-1116 AND C-1399. INSTALL IN MIX AT BATCH PLANT AT A RATE OF 1.5# PER CY MINIMUM. FOLLOW FIBER MANUFACTURER'S PUBLISHED INSTRUCTIONS FOR FIBER INSTALL.
- n. CONCRETE PLACEMENT AND/OR PUMPING SHALL MEET ACI STANDARDS.
- o. ALL BUILDING SLABS SHALL HAVE SLAB JOINTS AS INDICATED ON THE DRAWINGS. p. PROVIDE ¾" CHAMFER ON ALL EXTERIOR CORNERS OF SLABS WITH EXPOSED EDGES.
- q. CENTER ALL FOOTINGS/FOUNDATIONS UNDER COLUMN/FRAME/WALL SUPPORT UNLESS INDICATED OTHERWISE. TOPS OF SPREAD FOOTINGS TO BE TROWELED FINISHED SMOOTH. FOOTING DEPTHS TO BE BELOW STATE FROST LINE. IN NO CASES SHALL TOPS OF FOOTINGS BE LESS THAN 8" BELOW GRADE. REFERENCE FOUNDATION DRAWINGS FOR ADDITIONAL DATA.
- r. WHERE ANY PAVING SLABS PASS OVER OR REST ON FOOTINGS, INSTALL "BOND BREAKER" OVER FOOTING PRIOR TO PAVING POUR TO PREVENT BONDING OF SLAB TO FOOTING.
- COLUMN ANCHOR BOLTS (A.B.) TO BE SIZED AND INSTALLED AS INDICATED ON DRAWINGS OR AS PER STEEL ASSEMBLY MANUFACTURER'S ENGINEER'S DESIGN DRAWINGS. TEST ALL BOLTED CONNECTIONS AT TIME OF INSTALLATION.
- t. PROVIDE ALL SHORING AND BRACING AS REQUIRED TO SUPPORT AND PROTECT WORK, WORKERS, AND THE PUBLIC. ALL SHORING AND BRACING TO MEET OSHA REGULATIONS. WHERE REQUIRED BY OSHA, SUPPORT AND BRACING ASSEMBLIES SHALL BE DESIGNED BY A LICENSED STRUCTURAL ENGINEER (HIRED BY G.C.). LAY BACK SIDES OF EXCAVATIONS PER OSHA GUIDELINES.
- u. PRIOR TO START, COORDINATE LOCATIONS OF ALL ITEMS TO BE INSTALLED IN OR UNDER CONCRETE SLABS WITH ALL DRAWINGS AND OTHER RELATED TRADES. ALL ITEMS ARE NOT NECESSARILY SHOWN ON THE FOUNDATION PLAN.
- v. CURE AND PROTECT CONCRETE SLABS FROM DAMAGE OR LOSS OF STRENGTH DUE TO WEATHER. w. ALL INTERIOR CONCRETE SLABS ON GRADE SHALL BE LOCATED OVER (1) LAYER MINIMUM 6 MIL POLY VAPOR BARRIER MEETING ASTM E1745 AND ASTM E 154 SECTIONS 8, 11, 12, 13. LAP SEAMS 6" MINIMUM. SEAL AND SECURE ALL TEARS, LAPS, AND EDGES WITH DUCT TAPE OR EQUAL.
- x. IF BUILDING HAS A PEMB STRUCTURE, THEN THE FOUNDATION/COLUMN LAYOUT SHALL BE COORDINATED WITH ACTUAL PEMB SHOP DRAWINGS PRIOR TO START. ITEMS SHOWN ON THESE PLANS ARE BASED ON PRELIMINARY PEMB DATA ONLY AND ARE NOT MEANT FOR FINAL CONSTRUCTION. y. IF BUILDING IS A PEMB STRUCTURE, THEN ANY FOOTING INFORMATION SHOWN IS APPROXIMATE ONLY
- AND TO BE USED FOR PRICING PURPOSES ONLY. ACTUAL FOOTING SIZES AND REINFORCEMENT SHALL BE CALCULATED BY A STATE LICENSED STRUCTURAL ENGINEER HIRED BY G.C. AND BASED UPON FINAL PEMB FRAME REACTIONS AS SUPPLIED BY THE PEMB MANUFACTURER.

04300 STONE (MANUFACTURED)

- 1. BORAL CAST FIT LEDGESTONE. COLOR: AS SELECTED BY OWNER. 2. FURNISH, STORE, PREP, INSTALL, CLEAN, AND PROTECT AS PER STONE MANUFACTURER'S INSTRUCTIONS AS
- PER CONDITIONS PRESENT. 3. PLAN FOR AND MAINTAIN CLEARANCES FROM GRADE, PAVED SURFACES, DISSIMILAR MATERIALS AND
- ROOFED SURFACES AS RECOMMENDED BY THE MANUFACTURER. 4. PROVIDE ALL SPECIAL SHAPES. i.e.: CAPS, CORNERS, LINTELS, SILLS, BOX STONES, & WATERTABLES COURSES.
- 5. BLEND MATERIALS FROM MULTIPLE BOXES TO PROVIDE ATTRACTIVE INSTALLATION.
- 6. MORTAR TYPE SHALL BE AS RECOMMENDED BY THE STONE MFR..PROVIDE MORTAR JOINTS OF TYPE AND THICKNESS AS RECOMMENDED BY THE MFR..MORTAR COLOR – MATCH STONE COLOR. MAINTAIN LEVEL AND PLUMB JOINT SPACING.
- 7. PREPARE SUBSTRATE AS RECOMMENDED BY THE STONE MFR.., INATALL AS PER STONE MANUFACTURER'S INSTRUCTIONS AS PER CONDITIONS PREESENT. ANY INSTALLATION OF THE ASSEMBLY OVER A SUBSTRATE SHALL INDICATE THE INSTALLER'S ACCEPTANCE OF THE SUBSTRATE CONDITIONS AS BEING CODE COMPLIANT AND APPROVED BY THE STONE MANUFACTURER FOR A COMPLETE WARRANTED INSTALL.
- 8. PROVIDE ALL REQUIRED TIES, ANCHORS, BRACKETS, LATH, MOISTURE BARRIERS, CORROSIVE RESISTANT FLASHING AND OTHER ACCESSORIES AS RECOMMENDED BY THE STONE MFR. FOR A COMPLETE WARRANTED INSTALLATION AS PER CONDITIONS PRESENT.
- 9. INSTALL CORROSIVE RESISTANT FLASHING AT ALL PENETRATIONS AND TERMINATIONS OF STONE. 10. PROVIDE MANUFACTURER'S STANDARD 50 YEAR WARRANTY.

05800 LIGHT GAGE METAL FRAMING

- 1. GENERAL FRAMING
 - a. <u>THE GENERAL CONTRACTOR TO PROVIDE A "DESIGN-BUILD" LIGHT GAGE METAL FRAMING</u> ASSEMBLY WITH ALL LIGHT GAGE ASSEMBLIES DESIGNED BY LIGHT GAGE MANUFACTURER'S STRUCTURAL ENGINEER. (SUCH ENGINEER'S DESIGN SHALL SUPERSEDE ANY STRUCTURAL DESIGN CRITERIA NOTED HEREIN)
 - b. ALL FRAMING WORK TO MEET INTERNATIONAL BUILDING CODE CHAPTERS 16 AND 22.

- c. WHERE FIRE RATED/ U.L. LISTED ASSEMBLIES NOTED, SUCH ASSEMBLIES TO BE CONSTRUCTED AS PER THE PARTICULAR U.L. DESIGNATION'S DETAILED DESCRIPTION. ALL MATERIAL WITHIN ASSEMBLY TO MEET RELATED U.L. REQUIREMENTS. REFERENCE THE LIFE SAFETY PLANS (IF PROVIDED WITH THESE DRAWINGS) FOR U.L. CUT SHEETS. IF NOT PROVIDED WITH THESE DRAWINGS, OBTAIN SUCH U.L. ASSEMBLY CUT SHEETS PRIOR TO START. MAINTAIN ON JOB-SITE FOR USE IN CONSTRUCTION AND REVIEW BY INSPECTORS.
- d. FIRESTOP ALONG TOP OF ALL STUD WALLS USING APPROVED METHODS.
- e. SET BOTTOM PLATES AT EXTERIOR WALLS OVER APPROVED CONTINUOUS FOAM SEALER STRIP.
- f. PROVIDE CONTIN. BRIDGING AT STUD WALLS AT MIN. OF 5' O.C. VERT. LOCATE AT MIDSPAN FOR WALLS LESS THAN 10' HIGH. SUCH BRIDGING TO BE SECURED TO EACH STUD. g. PROVIDE DOUBLE STUDS AT ALL JAMBS. PROVIDE ADDITIONAL BLOCKING FOR PROPER DOOR
- FRAME INSTALLS.
- h. PROVIDE TRIPLE STUDS AT ALL WALL CORNERS.
- i. ALL DOORS SHALL BE FRAMED 4" MINIMUM FROM WALL CORNER.
- j. ALL WALLS TO BE BRACED TO STRUCTURE AT 48" O.C. AS REQUIRED TO STIFFEN ASSEMBLY. FASTENERS, ADHESIVES, ANCHORS, AND ACCESSORIES SHALL BE APPROVED FOR RELATED ASSEMBLY. k. PROVIDE ALL WORK REQUIRED FOR COMPLETE AND STRUCTURALLY SOUND FRAMING ASSEMBLY.
- ANY FRAMING NOT SHOWN BUT REQUIRED FOR A "COMPLETE" INSTALL SHALL BE PROVIDED.
- I. DO NOT CUT, NOTCH, BORE, OR SPLICE MATERIALS UNLESS DONE IN ACCORDANCE WITH PRODUCT MANUFACTURER'S INSTRUCTIONS AND AS PER ALL APPLICABLE CODES AND REGULATIONS. SUCH CUTTING, NOTCHING, BORING, OR SPLICING IF ALLOWED SHALL NOT BE SUFFICIENT TO DAMAGE OR WEAKEN STRUCTURAL INTEGRITY OF ASSEMBLY.
- m. WALLS INCLUDING TOPS SHALL BE LEVEL, PLUMB, AND TRUE. 2. LIGHT GAGE FRAMING
 - a. LIGHT GAGE MATERIAL AND ERECTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF: "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS" BY THE AMERICAN IRON AND STEEL INSTITUTE (AISI). ASTM A1003 – STD. SPEC. FOR STEEL SHEET, CARBON, METALLIC – AND NONMETALLIC COATED FOR COLD-FORMED FRAMING MEMBERS. ASTM C645 – STD. SPEC FOR STANDARD SPECIFICATIONS FOR NONSTRUCTURAL STEEL FRAMING MEMBERS. ASTM C955 – STD. SPEC. FOR LOAD BEARING STEEL STUDS, RUNNERS, AND BRACING OR BRIDGING FOR SCREW APPLICATION OF GYPSUM PANEL PRODUCTS AND METAL PLASTER BASES.
 - b. MATERIALS BY USG, DIETRICH OR EQUAL.
 - c. ALL WORK TO BE AS PER MFR'S PUBLISHED INSTRUCTIONS AS PER CONDITIONS PRESENT. d. ALL FRAMING MEMBERS TO BE CORROSIVE RESISTANT STEEL.
 - e. STUD GAGE SCHEDULE: LOAD BEARING METAL STUD WALLS 16 GAGE MINIMUM STUDS AT 16" O.C. U.N.O. NON-LOAD BEARING 3 5/8" METAL STUDS – 20 GAGE MINIMUM AT 16" O.C. U.N.O. NON-LOAD BEARING 6" METAL STUDS – 18 GAGE MINIMUM AT 16" O.C. U.N.O. LOAD BEARING HEADERS – 14 GAGE MINIMUM. SUPPORT EACH END WITH APPROVED SUPPORT. 12, 14, AND 16 GAGE MEMBERS SHALL CONFORM TO ASTM A570, GRADE 50 WITH MINIMUM YIELD STRENGTH OF 50,000 PSI. 18, 20 GAGE MEMBERS SHALL CONFORM TO ASTM A 61, GRADE C, WITH MINIMUM YIELD STRENGTH OF 35,000 PSI
 - f. SCREWS BUILDEX "TEKS", HILTI KWIK-PRO OR EQUAL. MEET NASPEC SECTION E4 AND RELATED ANSI SPECIFICATIONS.
 - g. SECURE BOTTOM RUNNER TRACK TO SLAB AWITH (2) ROWS 0.157" DIA. HILTI POWER DRIVEN FASTENERS @12" O.C. (STAGGERED) W/ 1 1⁄2" MIN. EMBED AT RUNNER TRACK WITHIN 8" OF JAMB
 - h. PROVIDE CONTINUOUS BLOCKING AT 4" O.C. VERTICAL AT ALL STUD WALLS. BLOCKING TO BE 1 ½" 16 GAGE "U" CHANNEL RUN CONTINUOUS THROUGH STUDS. ATTACH TO EACH STUD WITH 1 ½" X 1 " 16 GAGE CLIP ANGLE SECURED TO BOTH BLOCKING AND STUD. CLIP ANGLE LENGTH TO BE "
 - LESS THAN STUD WIDTH. i. BUTT SPLICES IN TOP AND BOTTOM TRACKS TIGHT. PROVIDE 6" LONG LIGHT GA. STUD BLOCKING INSERT AT ALL TRACK SPLICES IN ORDER TO STIFFEN AND REINFORCE SPLICE.
 - PROVIDE FIRE RETARDANT LET-IN WOOD BLOCKING AT ALL WALL MOUNTED ITEMS.
 - k. LIGHT GAGE FRAMING CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR STRUCTURAL INTEGRITY OF LIGHT GAGE FRAMING ASSEMBLIES. * ACTUAL FRAMING ASSEMBLIES AND MEMBER SIZES TO BE AS PER CERTIFIED SHOP DRAWINGS PREPARED BY GEORGIA LICENSED STRUCTURAL ENGINEER EMPLOYED BY MATERIAL MANUFACTURER.
 - I. SEE PLANS, SECTIONS, AND DETAILS FOR OTHER LIGHT GAGE FRAMING DATA.

07200 INSULATION

- 1. DO NOT INSTALL ANY INSULATION UNTIL ALL DANGER OF MOISTURE INFILTRATION IS RESOLVED. EXTERIOR WALLS ARE ENCLOSED TO PREVENT MOISTURE INFILTRATION, AND EXTERIOR DOORS AND WINDOWS ARE INSTALLED.
- 2. ALL ASSEMBLIES SHALL MEET STATE ENERGY CODE (INTERNATIONAL ENERGY CONSERVATION CODE WITH ALL STATE AMENDMENTS AND SUPPLEMENTS).
- 3. STORE, HANDLE, AND INSTALL ALL ASSEMBLIES AS PER INSULATION MANUFACTURER'S INSTRUCTIONS AS PER CONDITIONS PRESENT.
- 4. MINIMUM INSULATION R VALUES AT "CONDITIONED" SPACES:
 - a. EXTERIOR PEMB WALLS = R 22 INSULATED PEMB WALL PANELS
- b. PEMB ROOF = R 30 "SIMPLE SAVER" ASSEMBLY OR EQUAL 5. STORE, HANDLE, AND INSTALL ALL ASSEMBLIES AS PER INSULATION MANUFACTURER'S INSTRUCTIONS AS PER
- CONDITIONS PRESENT. 6. INSULATION, FACINGS, AND VAPOR BARRIERS SHALL HAVE FLAME SPREAD INDEX < 25 AND SMOKE-DEVELOPED INDEX < 450 UNLESS SPECIFICALLY OTHERWISE ALLOWED BY LOCAL/STATE BUILDING CODES.
- 7. INSULATION AT FIRE RATED WALLS, FLOORS, OR CEILINGS: a. PRODUCTS: MEET UL REQUIREMENTS AS PER UL FIRE RATED ASSEMBLY SPECIFIED.
- 8. THERMAL INSULATION SHALL BE INSTALLED TO CREATE A CONTINUOUS BARRIER AROUND ENTIRE BUILDING ENVELOPE WITH NO UNSEALED OR NON-APPROVED PENETRATIONS.
- 9. INSTALL WALL INSULATION CONTINUOUS FROM BOTTOM OF WALL TO TOP. FORMING A CONTINUOUS INSULATION ENVELOPE FROM FLOOR TO FLOOR AND FLOOR TO ROOF INSULATION. DO NOT COMPRESS.
- 10. INSTALL ROOF INSULATION CONTINUOUS FROM EXTERIOR INSULATED WALL TO WALL FORMING A CONTINUOUS INSULATION ENVELOPE. DO NOT COMPRESS.
- 12. NO INSULATION OTHER THAN SOUND ATTENUATION SHALL BE INSTALLED DIRECTLY ON SUSPENDED
- 13. PROVIDE ALL HANGERS, STRAPS, RODS, TAPE, MISCELLANEOUS FRAMING, AND FASTENERS AS REQUIRED TO PERMANENTLY SUPPORT INSULATION IN PLACE AS DIRECTED BY INSULATION MFR. AS PER CONDITIONS
- 14. PROVIDE ALL "VAPOR BARRIERS" AS RECOMMENDED BY STATE ENERGY CODE AND IMC AS PER CONDITIONS PRESENT. ASSEMBLIES SHALL BE PLENUM RATED WHERE LOCATED EXPOSED IN CONCEALED SPACES. FLAME SPREAD INDEX < 25 AND SMOKE - DEVELOPED INDEX < 450 UNLESS SPECIFICALLY OTHERWISE ALLOWED BY LOCAL/STATE BUILDING CODES.
- 15. PROVIDE INSULATION BAFFLES WHERE NEEDED TO MAINTAIN ADEQUATE UNOBSTRUCTED CROSS VENTILATION OF UNCONDITIONED SPACES.
- 16. SEAL ALL CRACKS AND JOINTS FOR PROPER WEATHER AND AIR SEAL. 17. INSULATION INSTALLED IN FIRE RATED WALL, FLOOR OR CEILING ASSEMBLY SHALL BE APPROVED FOR SUCH
- AND SHALL BE INSTALLED AS PER THE FIRE RATED ASSEMBLIES UL DESCRIPTION. 18. ANY INSULATION BECOMING WET SHALL BE REPLACED WITH NEW OR REMEDIED AS PER WRITTEN INSTRUCTIONS FROM THE INSULATION MANUFACTURER. ALL DOCUMENTATION SHALL BE PROVIDED TO THE OWNER.



07100 DAMPPROOFING, WATERPROOFING, VAPOR BARRIERS

- 1. PROVIDE DAMPPROOFING, WATERPROOFING, AND VAPOR BARRIERS WHERE SHOWN ON DRAWINGS AND AS INDICATED HEREIN.
- 2. SLAB ON GRADE FLOOR SLABS (1) LAYER 6 MIL POLY VAPOR BARRIER. LAP SPLICES 24".

07600 FLASHING AND SHEETMETAL

- 1. MEET SMACNA'S "ARCHITECTURAL SHEET METAL MANUAL" RECOMMENDATIONS FOR DETAILING, METAL THICKNESS, AND INSTALLATION AS PER CONDITIONS PRESENT.
- 2. FABRICATE AND INSTALL ASSEMBLIES WITH LINES, CORNERS, AND ANGLES SHARP, TRUE, AND PLANE. SURFACES TO BE FREE OF WAVES, WARPS, BUCKLES. EXPOSED EDGES TO BE FOLDED BACK TO FORM 1/2" WIDE HEM ON SIDE CONCEALED FROM VIEW.
- 3. ASSEMBLIES SHALL BE FREE FROM WATER LEAKAGE UNDER ALL WEATHER CONDITIONS. 4. PROVIDE FOR EXPANSION AND CONTRACTION IN SHEET METAL WORK AS PER RECOMMENDATIONS OF SMACMA
- MANUAL AS PER CONDITIONS PRESENT.
- 5. JOINTS/SEAMS SHALL BE LAPPED, EVENLY SPACED AND LOCATED IN INCONSPICUOUS LOCATIONS. 6. FASTENERS TO BE WATERTIGHT, CONCEALED UNLESS INDICATED OTHERWISE. FASTENERS WHERE EXPOSED TO
- VIEW SHALL BE WATERTIGHT AND HAVE MATCHING FINISH. 7. COLORS: AS SELECTED BY OWNER FROM MANUFACTURER'S STANDARD COLOR CHARTS.
- 8. GUTTER AND DOWNSPOUTS:
- a. SHALL BE SIZED BY MANUFACTURER TO HANDLE ALL DRAINAGE CONDITIONS PRESENT AS PER IPC. b. PROVIDE ALL MISC. FLASHINGS AND DIVERTERS NEEDED TO DIVERT DRAINAGE INTO GUTTER/DRAIN WITHOUT OVERFLOW TO SURROUNDING SURFACES.
- c. PROVIDE "KICK-OUT" FLASHING AT INTERSECTIONS OF ROOF EDGE AND VERTICAL SURFACE.
- d. PROVIDE ADEQUATE FASTENERS, HANGERS AND SUPPORT. e. WHERE INDICATED ON PLANS, PIPE ALL DOWNSPOUTS IN UNDERGROUND PVC PIPING ASSEMBLY TO OUTFLOW THRU CONCRETE CURB OR INTO NEAREST INLET. SIZE UNDERGROUND PIPING ASSEMBLY OTHERWISE, PROVIDE PRECAST CONCRETE SPLASH BLOCKS AT EACH DOWNSPOUT.
- 9. ROOF FLASHINGS PROVIDE WATERTIGHT ASSEMBLIES OF MATERIALS, PROFILES, AND FINISHES AS PER ROOFING MANUFACTURER'S INSTRUCTIONS. COLORS TO MATCH SURROUNDING MATERIALS. 10. SHEET METAL FLASHING AND TRIM:
- a. ALUMINUM SHEET: COMMERCIAL QUALITY, ASTM B209, 6063-T5 ALLOY, SHOP PRECOATED, 0.040" UP TO 4" WIDE, 0.050" UP TO 8" WIDE, 0.063" UP TO 10" WIDE, 0.080" UP TO 16" WIDE.
- b. GALVANIZED STEEL: COMMERCIAL QUALITY, ASTM A653, GRADE A, G90 ZINC COATED, 24 GAGE UP TO 8" WIDE, 22 GAGE UP TO 10" WIDE, 20 GAGE UP TO 16" WIDE.

07900 CAULK AND SEALANT

- 1. PROVIDE PRODUCTS APPROVED FOR RELATED INSTALL MEETING ASTM C920 CLASS 25. ELONGATION PROPERTIES = 25% TO 50%
- 2. CAULK AROUND ALL DOORS, WINDOWS, LOUVERS, AND WALL PENETRATIONS.
- 3. CAULK JOINT BETWEEN DISSIMILAR MATERIALS AS REQUIRED.
- 4. CAULK AROUND ALL PIPE PENETRATIONS THRU WALLS, FLOOR, CEILINGS, AND ROOFS.
- PROVIDE BACKER ROD WHERE REQUIRED TO ADEQUATELY SUPPORT AND STRENGTHEN CAULK JOINT. 6. EXPOSED CAULK SHALL BE OF COLOR TO MATCH ADJACENT MATERIALS.
- 7. CAULK USED AT FIRE RATED ASSEMBLIES SHALL BE UL LISTED "FIRE RATED" CAULK.
- 8. INSTALL AS PER CAULK MANUFACTURER'S INSTRUCTIONS AS PER CONDITIONS PRESENT. INSTALL IN NEAT
- SMOOTH LINES USING TOOLS AS RECOMMENDED BY CAULK MANUFACTURER. 9. THE OWNER SHALL ASSUME RESPONSIBILITY FOR MAINTAINING CAULK JOINTS AFTER THE BUILDING WARRANTY
- PERIOD ENDS. 10. COLORS: AS SELECTED BY OWNER FROM MANUFACTURER'S STANDARD CHARTS.

08100 METAL DOORS AND FRAMES

- 1. SEE DOOR SCHEDULE AND FLOOR PLAN FOR DOOR SIZES, PROFILES, AND TYPES.
- 2. INTERIOR DOORS 18 GAGE COLD ROLLED CARBON STEEL. FACTORY PRIMED.
- 3. EXTERIOR DOORS 18 GAGE GALVANIZED STEEL WITH G60 COATING. INSULATED CORE. FACTORY PRIMED. 4. INTERIOR DOOR FRAMES – COLD ROLLED CARBON STEEL. FACTORY PRIMED.
 - a. DRYWALL FRAMES TO BE 16 GA MIN. b. WELDED FRAMES TO BE 14 GA. MIN. FOR OPENINGS OVER 4' AND 16 GA. FOR OPENINGS 4' WIDE
- AND LESS. 5. EXTERIOR DOOR FRAMES – GALVANIZED STEEL WITH G60 COATING. FACTORY PRIMED. a. WELDED FRAMES TO BE 14 GA. MIN. FOR OPENINGS OVER 4' AND 16 GA. FOR OPENINGS 4' WIDE
- AND LESS. 6. FACTORY PREP DOORS FOR HARDWARE.
- 7. PROVIDE ALL ANCHORS AND ACCESSORIES FOR PROPER INSTALL AND FUNCTION.
- 8. PROVIDE APPROVED LITE UNITS AND LOUVERS WHERE INDICATED. LITES AND LOUVERS TO BE LOCATED SO AS TO NOT CONFLICT WITH PROPER DOOR HARDWARE INSTALLATION AND FUNCTION.
- 9. GLAZING SHALL BE AS SCHEDULED. WHEN INSTALLED IN FIRE RATED ASSEMBLY, ALL MATERIALS, LAYOUTS AND SIZES SHALL BE AS APPROVED FOR SPECIFIC FIRE RATING OF ASSEMBLY AND HAVE MANUFACTURER'S VISIBLE U.L. STAMP ON GLASS OR ATTACHED CERTIFIED DOCUMENTATION FROM ACTUAL GLASS MANUFACTURER SPECIFYING GLASS RATING.
- 10. PROVIDE FIRE RATED/UL LISTED ASSEMBLIES AS SCHEDULED. ALL RATED ASSEMBLIES TO CONTAIN FACTORY INSTALLED STAMP/PLATE AFFIXED TO UNIT WHICH SPECIFIES UL FIRE RATED DATA.
- 11. DO NOT CUT, CORE, OR FASTEN TRIM TO ANY DOOR OR FRAME UNLESS APPROVED BY DOOR/FRAME MFR. 12. INSTALL AS PER DOOR AND FRAME MANUFACTURER'S INSTRUCTIONS. INSTALL PLUMB AND TRUE. ADJUST FOR PROPER FUNCTION.

08200 WOOD DOORS

- 1. SEE DOOR SCHEDULE AND FLOOR PLAN FOR DOOR SIZES, PROFILES, AND TYPES.
- 2. FLUSH SOLID CORE WOOD: 1 ¼" THK., SOLID CORE TYPE, FLUSH, ALL SURFACES FACTORY COVERED BY HIGH PRESSURE LAMINATE UNLESS INDICATED OTHERWISE ON DOOR SCHEDULE. OWNER TO SELECT LAMINATE FROM MANUFACTURER'S STANDARD COLOR CHARTS.
- 3. FACTORY PREP DOORS FOR HARDWARE.
- PROVIDE ALL ANCHORS AND ACCESSORIES FOR PROPER INSTALL AND FUNCTION.
- 5. PROVIDE APPROVED LITE UNITS AND LOUVERS WHERE INDICATED. LITES AND LOUVERS TO BE LOCATED SO AS TO NOT CONFLICT WITH PROPER DOOR HARDWARE INSTALLATION AND FUNCTION.
- 6. GLAZING SHALL BE AS SCHEDULED. WHEN INSTALLED IN FIRE RATED ASSEMBLY GLAZING SHALL BE AS APPROVED FOR SPECIFIC RATING OF DOOR ASSEMBLY AND HAVE VISIBLE U.L. STAMP ON GLASS OR ATTACHED CERTIFIED DOCUMENTATION FROM ACTUAL GLASS MANUFACTURER SPECIFYING GLASS RATING.
- 7. PROVIDE FIRE RATED/UL LISTED ASSEMBLIES AS SCHEDULED. 8. DO NOT CUT, CORE, OR FASTEN TRIM TO ANY DOOR OR FRAME UNLESS APPROVED BY DOOR/FRAME MFR.
- 9. INSTALL AS PER DOOR AND FRAME MANUFACTURER'S INSTRUCTIONS. INSTALL PLUMB AND TRUE. ADJUST FOR PROPER FUNCTION.
- 10. UNDER CUT AS REQUIRED.
- 11. SEAL ALL EDGES OF DOOR TO PREVENT SWELLING.

08400 PREFINISHED ALUMINUM STOREFRONT DOORS

- 1. SEE SCHEDULES AND ELEVATIONS, SIZES, PROFILES AND TYPES. 2. FINAL LAYOUTS BASED ON SHOP DRAWINGS PREPARED BY MANUFACTURER AND APPROVED BY OWNER.
- 3. STOREFRONT DOOR ASSEMBLIES
 - a. MODEL # SERIES 350 MEDIUM STILE BY KAWNEER OR EQUAL.
 - b. SIZE= 3 ½" VERT. STILES AND TOP RAIL. 10" BOTTOM RAIL.
 - c. SYSTEM TO BE COMPATIBLE WITH ANY SURROUNDING STOREFRONT FRAMING.
 - d. ASSEMBLY TO RESIST WIND LOADS OF 30 PSF. e. GLAZING – INSULATED, LOW E, TEMPERED, TINTED.
 - f. HARDWARE HINGES, HANDICAP ACCESSIBLE THRESHOLD, PANIC DEVICE, CLOSER, WEATHER STRIP, LOCKSET. SEE DOOR AND DOOR HARDWARE SCHEDULE ON PLANS FOR ADDITIONAL DATA.
 - g. U FACTOR MEET MINIMUM REQUIREMENTS OF STATE ENERGY CODE.
- 4. INSTALL ALL ASSEMBLIES AS PER PRODUCT MANUFACTURER'S TYPICAL INSTRUCTIONS AS PER CONDITIONS PRESENT.
- 5. PROVIDE MATCHING MISCELLANEOUS BREAK METAL TRIM AS PER WATERTIGHT SEAL AT OPENING EDGES.

7. CLEAN AND ADJUST AT COMPLETION.

08700 DOOR HARDWARE

- 1. SEE DOOR SCHEDULE AND HARDWARE SCHEDULE ON PLANS FOR ADDITIONAL DATA.
- 2. GRADE: LIGHT COMMERCIAL GRADE MINIMUM.

- CHROME PLATED APPEARANCE 5. ALL DOOR HARDWARE SHALL MEET ADA GUIDELINES. DOOR OPENING FORCE FOR PUSHING OR PULLING SHALL BE: INTERIOR DOOR: < 5 LBS., EXTERIOR DOOR: 8 LBS.
- 6. HARDWARE MATERIALS: a. HINGES: BUTT HINGES, FULL MORTISE, 5 KNUCKLE, BRUSHED NICKEL. 3 PER DOOR. HINGES AT
 - EXTERIOR DOORS TO HAVE NON-REMOVABLE PINS. b. PANIC DEVICE: VON DUPRIN 98 SERIES OR EQUAL, TO DISENGAGE LOCK, BRUSHED NICKEL (PROVIDE
 - MULLS WHERE NEEDED FOR PROPER FUNCTION) c. LEVER SETS: SCHLAGE "AL" SERIES – SATURN. LIGHT COMMERCIAL, BRUSHED NICKEL. LOCK CYLINDERS: MORTISED. STANDARD TRIM. KEY PER OWNER'S INSTRUCTION. PROVIDE "3" LABELED

 - KEYS PER LOCK. CORES TO BE "BEST" COMPATIBLE. d. CLOSER: SURFACE MOUNTED, COMMERCIAL GRADE 1. LCN #1460 OR EQUAL. CLOSURES TO BE ADJUSTED TO ALLOW MAXIMUM EFFORT OF 5 LBS. TO OPEN. UNDER NO CIRCUMSTANCES SHALL CLOSER HINGES BE USED AS A SUBSTITUTE FOR ACTUAL CLOSER. ON FIRE RATED DOORS OR HIGH
 - USE DOORS SUCH AS LARGE PUBLIC RESTROOMS, CLOSER TO BE ADJUSTED SUCH THAT FROM OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3" SEPARATING THE LATCH AND THE LEADING EDGE OF THE DOOR.
 - e. STOPS: PROVIDE TRIMKO WALL OR FLOOR MTD. AS PER CONDITIONS PRESENT. BRUSHED NICKEL.
- STOPS AT HIGH USE DOORS SHALL BE FLOOR MOUNTED. PROVIDE (1) PER DOOR. f. FLUSH BOLTS: AS REQUIRED PER PROPER DOOR FUNCTION AT PAIRS OF DOORS. FLUSH MOUNTED. g. SILENCERS: STEELCRAFT OR EQUAL. PROVIDE TYPICAL AT ALL METAL AND WOOD FRAMES.
- h. PUSH/PULL PLATES, KICK PLATES: MATCH FINISH OF OTHER HARDWARE. BALDWIN OR EQUAL.
- i. DEADBOLTS: B SERIES BY SCHLAGE, KEYED WITH THUMB TURN ON INTERIOR SIDE. j. STRIKES: AS PER LOCKSET MFR. SUGGESTION. PROVIDE DEEP STRIKES WHERE NEEDED TO PROTECT
- k. WEATHERSTRIPPING: PEMKO OR EQUAL. PROVIDE AT ALL EXTERIOR DOORS AND AT ALL INTERIOR
- DOORS WITH NON-CONDITIONED SPACE ON ONE SIDE. I. THRESHOLDS: PEMKO. MILL FINISH. SET IN BED OF SEALANT. THRESHOLDS WHEN INSTALLED SHALL
- BE 1/2" HIGH MAX AND SHALL MEET HANDICAP ACCESSIBILITY CODES. m. SWEEPS: PEMKO OR EQUAL. MILL FINISH. (1) PER EXTERIOR DOOR. (1) PER INTERIOR DOOR WITH NON-CONDITIONED SPACE ON ONE SIDE.
- n. SPECIAL SEALS: PROVIDE SPECIAL SEALS WHERE REQUIRED BY DOOR FUNCTION. 7. MASTER KEY ALL LOCKSETS AS PER OWNER'S INSTRUCTION. PROVIDE (3) LABELED COPIES OF ALL KEYS WITH
- MASTER KEYING CHART.
- 8. PROVIDE ALL INCIDENTAL HARDWARE AS NECESSARY FOR PROPER DOOR FUNCTION.
- 9. ALL ITEMS TO BE INSTALLED AND MOUNTED IN ACCORDANCE WITH APPLICABLE FIRE AND HANDICAP CODES. 10. INSTALL ALL ITEMS AS PER MANUFACTURER'S RECOMMENDATIONS. ADJUST FOR PROPER FIT. 11. WHERE PAIR OF DOORS PRESENT, THEN HARDWARE SET TO APPLY TO BOTH DOORS. PROVIDE ADDITIONAL
- ASTRAGALS, FLOOR/CEILING BOLTS AS REQUIRED PER PROPER OPERATION OF HARDWARE AT PAIRS OF DOORS
- 12. PRIVACY LEVER SETS SHALL AUTOMATICALLY UNLOCK WHEN LEVER ACTIVATED FROM INSIDE ROOM. 13. CLOSET/STORAGE ROOM LEVER SETS SHALL AUTOMATICALLY UNLOCK WHEN LEVER ACTIVATED FROM
- INSIDE ROOM 14. NO EGRESS DOOR SHALL BE CAPABLE OF BEING LOCKED TO PREVENT EGRESS WHILE BUILDING IS OCCUPIED. 15. PROVIDE PANIC DEVICES AT DOOR SERVING ASSEMBLY OCCUPANCY OF 100 OR MORE PEOPLE. SUCH DEVICES SHALL BE SHALL BE LATCHING TYPE. PANIC DEVICE TO DISENGAGE ANY LOCKING DEVICES ON DOOR. A SIMPLE PUSH/PULL BAR ASSEMBLY SHALL NOT BE USED WHERE DOOR SERVES 100 OR MORE PEOPLE.
- 16. PEMB PERSONNEL DOOR HARDWARE TO BE PROVIDED BY PEMB MANUFACTURER UNLESS INDICATED OTHERWISE.

09100 SUSPENDED ACOUSTICAL CEILINGS

ALL SIDES.

INSTALLED.

REFLECTED CEILING PLAN.

- 1. TILES: 2 'X 2' X 5/8" THK. MINERAL WOOL FIBER AS MANUFACTURED BY ARMSTRONG OR EQUAL. SEE ROOM FINISH SCHEDULE AND REFLECTED CEILING PLAN FOR TYPE.
- 2. GRID "T" GRID, MFR SAME AS TILE. COLOR WHITE.
- 3. CEILING ASSEMBLY SHALL MEET THE REQUIREMENTS OF CISCA (CEILING AND INTERIOR SYSTEMS
- CONSTRUCTION ASSOCIATION)
- b. VERTICAL HANGER WIRE 12 GAGE @ 4' O.C.
- c. CONNECTION DEVICE FROM VERTICAL WIRE TO STRUCTURE ABOVE MUST SUSTAIN 100 # MINIMUM.
- d. MAIN TEES TO BE INTERMEDIATE TO HEAVY DUTY. e. 1 IN 6 MAX PLUMB OF VERTICAL HANGER WIRE PER ASTM C635.

6. COLORS: ALL COLORS ARE SELECTED BY OWNER FROM MANUFACTURER'S STANDARD SELECTIONS

- 3. PROVIDE ITEMS WHICH MEET FIRE CODE WHERE INSTALLED IN FIRE DOOR ASSEMBLY. 4. ALL HARDWARE FINISHES TO MATCH. COORDINATE PRIOR TO ORDERING. THE FINISH SHALL BE SATIN

- a. MINIMAL INTERSECT STRENGTH 60#.
- f. PERIMETER HANGER WIRE NOT MORE THAN 8" FROM WALL.
- g. GRID END/WALL CLEARANCE 3/8" MINIMUM.
- h. PERIMETER CLOSURE MOLDING WIDTH 7/8" MINIMUM.
- i. GRID CONNECTION AT PERIMETER ATTACHED TO TWO ADJACENT WALLS IS "NOT" PERMITTED.
- j. PERIMETER TEE ENDS SHALL BE TIED TOGETHER.
- 4. ALL LIGHT FIXTURES TO BE INDEPENDENTLY SUPPORTED FROM STRUCTURE.
- 5. ALL AIR TERMINALS WEIGHING LESS THAN 56# SHALL BE POSITIVELY ATTACHED TO GRID AND SUPPORTED FROM STRUCTURE WITH 2 WIRES MINIMUM. 6. ALL AIR TERMINALS WEIGHING GREATER THAN 56# SHALL BE SUPPORTED DIRECTLY FROM BUILDING
- STRUCTURE AND NOT POSITIVELY ATTACHED TO CEILING SYSTEM. 7. SPRINKLER HEADS AND OTHER PENETRATION CLEARANCES TO PROVIDE MINIMUM OF 3/8" CLEARANCE ON
- 8. CABLE TRAYS AND ELECTRICAL CONDUIT SHALL BE INDEPENDENTLY SUPPORTED AND BRACED AND SHALL NOT ATTACH TO THE CEILING ASSEMBLY.
- 9. MAXIMUM CEILING WEIGHT = 2.5 PSF. 10. PROVIDE HOLD DOWN CLIPS AT SMOKE BARRIER CEILINGS AND HEALTHCARE CLEAN ROOMS (IF PRESENT).
- 11. PROVIDE MOISTURE RESISTANT TILES AT ALL WET AREAS SUCH AS RESTROOMS, SHOWER ROOMS, KITCHENS, JANITOR'S CLOSETS, EQUIPMENT ROOMS.
- 12. INSTALL ALL MATERIALS AND SUSPENSION SYSTEMS IN ACCORDANCE WITH PRODUCT MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
- 13. CEILING ASSEMBLY TO BE LEVEL CENTER GRID PATTERN IN ROOM UNLESS INDICATED OTHERWISE ON
- 14. PROVIDE ONE CASE OF EACH TILE TYPE FOR OWNER'S MAINTENANCE STOCK.

09250 GYPSUM BOARD ASSEMBLIES

- 1. ALL WORK TO MEET INTERNATIONAL BUILDING CODE (LATEST EDITION) CHAPTER 25. ALL PRODUCTS TO CLASS "A" AND MEET RELATED STANDARDS OF GYPSUM ASSOCIATION, ASTM, ANSI.
- 2. PRODUCTS: MANUFACTURED BY USING USG OR EQUAL.
- 3. DELIVER, STORE, AND HANDLE MATERIALS SO AS TO NOT DAMAGE MATERIALS.
- 4. PROTECT FROM MOISTURE, MOLD, AND MILDEW. DO NOT INSTALL IF MOLD/MILDEW PRESENT. 5. DO NOT INSTALL ANY GYPSUM BOARD UNTIL AREA IS "DRIED-IN" MEANING FINISH ROOF INSTALLED,
- EXTERIOR WALLS ENCLOSED TO PREVENT MOISTURE INFILTRATION, AND EXTERIOR DOORS/WINDOWS

6. DO NOT INSTALL OR MUD WHEN LESS THAN 55 DEGREES. 7. INSTALL IN DRY CONDITIONS AND ON DRY SURFACES.

- 8. WATER RESISTANT ASSEMBLIES TO BE 5/8" DUROCK.
- 9. STANDARD ASSEMBLIES SHALL BE ASTM C 36, 5/8" THICK UNLESS INDICATED OTHERWISE.
- 10. FIRE RATED ASSEMBLIES TO BE ASTM C 36, 5/8" THICK TYPE "X". 11. PROVIDE ALL REQUIRED FASTENERS AND ACCESSORIES FOR PROPER AND COMPLETE ASSEMBLY. INCLUDING:
- SCREWS, GLUE, BEADS, EDGE TRIM, TAPE, JOINT COMPOUND, TOPPING COMPOUND, ETC.
- 12. INSTALL ALL LET-IN WOOD BLOCKING AT WALL MOUNTED ITEMS PRIOR TO HANGING SHEETROCK. 13. INSTALL SHEETROCK WHERE LOCATED ADJACENT TO FIXED IN-PLACE EQUIPMENT PRIOR TO INSTALL OF THAT EQUIPMENT. SUCH AS HVAC UNITS.

14. STANDARD INSTALLATION:

- a. INSTALL GYPSUM BOARD IN ACCORDANCE WITH ASTM C 840 AND GA 216. b. DO NOT ALLOW BUTT TO BUTT JOINTS THAT DO NOT FALL OVER FRAMING MEMBER. INSTAL
- FINISH LEVEL SHALL BE AS PER CONDITIONS PRESENT.
- d. INSTALL CORNER BEADS ON ALL EXTERIOR CORNERS.
- 15. FIRE RATED ASSEMBLIES: a. WHEN PART OF A FIRE RATED ASSEMBLY, OBTAIN WRITTEN UL CRITERIA FOR RELATED ASSEM
 - b. INSTALL AS PER SUCH UL DOCUMENTATION AS PER CONDITIONS PRESENT.
 - c. DO NOT ALLOW BUTT TO BUTT JOINTS THAT DO NOT FALL OVER FRAMING MEMBER. d. INSTALLATION SHALL BE THREE COAT JOINT TREATMENT USING UL LISTED/APPROVED MATE
 - PER CONDITIONS PRESENT. SAND SMOOTH.
- e. ANY JOINTS IN MULTIPLE LAYER ASSEMBLIES SHALL BE OFFSET FROM ADJACENT LAYER. 16. BOXING OUT UTILITIES AND STRUCTURE:
- a. BOX OUT ANY STRUCTURE OR UTILITY ITEM AS NEEDED TO CONCEAL WHERE SUCH WOULD B EXPOSED TO VIEW OR SUCH IS AT A FIRE RATED DRYWALL ASSEMBLY. TYPICAL UNLESS OTHE NOTED. THE FULL EXTENT OF MAY NOT BE INDICATED ON THE DRAWINGS AND SHALL BE COORDINATED PRIOR TO PRICING.

17. CHASE WALL ASSEMBLIES:

- a. PROVIDE U.L. LISTED CHASE WALL ASSEMBLIES WHERE NOTED ON THE DRAWINGS OR AS MA REQUIRED WHEN CLEARANCE ISSUES OR CONSTRUCTION CONDITIONS MAY BE REQUIRED. b. FIRE RATING AS INDICATED ON THE DRAWINGS.
- 18. NO JOINTS SHALL BE LOCATED WITHIN 8" OF DOOR OR WINDOW OPENING EDGE.
- 19. LOCATE AND PROVIDE CONTROL JOINTS AS RECOMMENDED BY ASTM C 840 AND GYPSUM ASSOCIATI
- 20. LEVEL OF FINISH SHALL BE AS PER GA 214 96 "RECOMMENDED LEVELS OF GYPSUM BOARD FINISH a. LEVEL 0 – TEMPORARY CONSTRUCTION (TAPE JOINTS IN HEALTHCARE OCCUPANCY). b. LEVEL 1 – AREAS ABOVE CEILINGS, IN ATTICS OR OTHER CONCEALED AREAS. CONCEALED FIRI
 - ASSEMBLIES TO BE LEVEL 2 MINIMUM.
 - c. LEVEL 2 TAPE AND BED APPLICATIONS WHERE NO FINAL FINISH IS TO BE INSTALLED. CONC FIRE RATED ASSEMBLIES.
 - d. LEVEL 3 WHERE WALL IS TO RECEIVE HEAVY TEXTURE FINISH.
 - e. LEVEL 4 WHERE FLAT, EGGSHELL, SATIN PAINTS OR LIGHT TEXTURES USED. DO NOT USE IF (SEMIGLOSS, ENAMEL PAINT IS USED OR IF CRITICAL LIGHTING CONDITIONS PRESENT. f. LEVEL 5 – USE WHERE GLOSS, SEMI GLOSS, OR ENAMEL PAINT IS USED AND WHERE CRITICAL
- LIGHTING CONDITIONS ARE PRESENT. 21. WHEN INSTALL COMPLETE, WALL SURFACE SHALL BE SMOOTH, FLUSH/LEVEL, WITH NO SEAMS/JOINT
- VISIBLE.
- 22. CAULK ALL PENETRATIONS WITH FIRE CAULK.

09400 FLOOR AND WALL FINISHES

- 1. PROVIDE FLOOR AND WALL FINISHES WHERE INDICATED ON PLANS AS SPECIFIED HEREIN.
- 2. OWNER TO SELECT MATERIAL'S COLORS/TEXTURES FROM PRODUCT MANUFACTURER'S STANDARD CH 3. ALL FINISHES SHALL MEET INTERNATIONAL BUILDING CODE (LATEST EDITION) CHAPTER 8. ALL WALL F
- TO CLASS "A". ALL FLOOR FINISHES TO BE CLASS "A" OR "B".
- 4. PRODUCTS SHALL COMPLY WITH THE "UNITED STATES CLEAN AIR ACT" FOR MAXIMUM VOLATILE ORG COMPOUND (VOC) CONTENT.
- 5. PRIOR TO INSTALL, PROVIDE A CERTIFIED MOISTURE TEST. DO NOT INSTALL ANY FINISH MATERIALS O SUBSTATES OR SURFACES CONTAINING MOISTURE CONTENT ABOVE LIMITS SPECIFIED BY THE PRODUC MANUFACTURER. REMEDY HIGH MOISTURE CONDITIONS AS RECOMMENDED BY THE PRODUCT MANUFACTURER PRIOR TO INSTALL.
- 6. PROVIDE ALL MATERIAL, ACCESSORIES, BACKER BOARDS, SUBSTRATES, FASTENERS, REDUCERS, TRANS FTC.
- 7. PREPARE SURFACES TO RECEIVE FINISH AS PER FINISH PRODUCT MANUFACTURER'S PUBLISHED INSTRUCTIONS. INSTALLATION OF FINISH OVER A SURFACE OR SUBSTRATE IMPLIES THE INSTALLER'S
- ACCEPTANCE OF THE SURFACE AS BEING SUITABLE FOR PROPER FINISH INSTALL. 8. PROVIDE ALL GRINDING, FLOATING, AND PATCHING OF SUBSTRATES AS MAY BE REQUIRED FOR LEVEL
- 9. ALL SUBSTRATES, SURFACES, AND MATERIALS TO BE FREE OF ANY MOLD OR MILDEW.
- 10. STRIP AND WAX ANY UNFINISHED VINYL FLOORING SURFACES AS RECOMMENDED BY PRODUCT MFR. 11. WHERE FLOORING INSTALLED OVER SLAB JOINTS, SLAB JOINTS SHALL BE PREPARED/COVERED AS SUG BY FLOORING MANUFACTURER SO AS TO PREVENT THE TRANSFER OF SLAB CRACKING INTO FINISH FL(
- ASSEMBLY. 12. ALL FLOOR FINISHES SHALL HAVE SUFFICIENT SLIP RESISTANT FRICTIONAL COUNTER FORCE TO THE FO
- EXERTED WHEN WALKING TO PERMIT SAFE AMBULATION. 13. FINISHED SURFACES TO BE FREE OF DEFECTS. REMEDY/REPLACE IF DEFECTS PRESENT.
- 14. FURNISH, STORE, HANDLE, INSTALL, CLEAN, AND PROTECT ALL FINISHES AS PER FINISH PRODUCT
- MANUFACTURER'S PUBLISHED INSTRUCTIONS PER CONDITIONS PRESENT.

15. <u>FINISHES</u>: (SEE ROOM FINISH SCHEDULE).

COATING MFR'S INSTRUCTION.

14. DO NOT PAINT ANY SPRINKLER HEADS!

WITH COLOR AND LOCATION.

16. EXTERIOR PAINT SCHEDULE:

17. INTERIOR PAINT SCHEDULE:

PAINT.

BETWEEN COATS.

09900 PAINTING

- 1. PAINT ALL SURFACES EXCEPT ALUMINUM, VINYL, GLASS, FACE BRICK, AND PREFINISHED ITEMS UNLE NOTED OTHERWISE.
- 2. OWNER TO SELECT COLORS FROM MANUFACTURER'S STANDARD COLOR CHARTS.
- 3. PRODUCTS BY PORTER PAINTS, SHERWIN WILLIAMS, BENJAMIN MOORE, ARE ACCEPTABLE.
- 4. ALL PAINTS TO BE DELIVERED TO JOBSITE READY MIXED. 5. ASSUME 2 TRIM COLORS, 6 WALL COLORS, 2 CEILING COLORS. (CUT IN COLORS TO PROVIDE SHARP/S
- LINES AND EDGES). 6. PAINT ALL EXPOSED PIPING, CONDUIT, DUCTWORK, AND EXPOSED STRUCTURE IN FINISHED ROOMS W
- NO CEILING IS PRESENT UNLESS INDICATED OTHERWISE. 7. INSTALLING ANY FINISH OVER A SURFACE INDICATES THE INSTALLER'S ACCEPTANCE OF THE SURFACE
- CONDITIONS AS BEING SUFFICIENT FOR PROPER MATERIAL INSTALL 8. ALL SURFACES TO RECEIVE PAINT SHALL BE PREPPED AND SANDED AS PER PAINT MANUFACTURER'S

10. ANY MILDEW PRESENT SHALL BE TREATED AND SURFACE NEUTRALIZED WITH APPROVED COATING PE

12. ANY PASSIVATOR OR OIL COATINGS SHALL BE REMOVED PRIOR TO PAINTING (i.e.. @ galvanized metal

13. FINAL FINISH TO BE FREE OF DEFECTS, FREE OF BRUSH/ROLLER STROKES, AND OF CONSISTENT COLOR

15. PROVIDE OWNER WITH ONE GALLON STOCK OF ALL PAINTS USED FOR FUTURE TOUCH-UP. LABEL ALL

b. GALVANIZED METAL: 2 COATS ALKY'D ENAMEL GLOSS GALV. METAL PAINT.

c. WOOD: 1 COAT ALKY'D PRIMER; 2 COATS ACRYLIC SEMI-GLOSS.

a. FERROUS METAL: 1 COAT ALKY'D METAL PRIMER; 2 COATS ALKY'D ENAMEL FINISH METAL PA

a. GYPSUM BOARD: 1 COAT LATEX PRIMER; 2 COATS LATEX (PRO-MAR 200 GRADE OR EQUAL) *

PAINT MAY BE USED ONLY WHERE PRE-APPROVED BY OWNER. DRYWALL CEILINGS NOT SUBJ

CONTINUOUS CLEANING MAY BE FLAT. * EGGSHELL – TYPICAL THROUGHOUT UNLESS NOTEE

OTHERWISE. * SATIN - RESTROOMS/BATHROOMS, KITCHENS/BREAKROOM, JANITOR CLOSE,

PRE/POST OP. * SEMI-GLOSS SHALL BE USED WHERE WALL FINISH MUST WITH STAND CONTI

CLEANING SUCH AS PROCEDURE ROOMS, OPERATING ROOMS, CLEANED/SOILED ROOMS.

b. CONCRETE BLOCK: 1 COAT LATER BLOCK FILLER; 2 COATS LATEX SEMI-GLOSS MASONRY PAIN

c. FERROUS METAL: 1 COAT ALKY'D FLAT METAL PRIMER; 2 COATS ALKY'D SEMI-GLOSS ENAME

f. STAINED CONCRETE FLOORS: (ALL AS PER STAIN MFR. INSTRUCTIONS); APPLY APPROVED ACI

d. WOOD (PAINTED): 1 COAT ALKY'D PRIMER; 2 COATS ALKY'D SEMI-GLOSS ENAMEL.

e. WOOD (STAINED): 1 COAT OIL MINWAX STAIN; 2 COATS POLYURETHANE GLOSS.

CONCRETE STAIN; APPLY APPROVED SEALER; 2 COATS APPROVED BUFFED WAX.

surfaces). CLEAN AND PREP RELATED SURFACES AS PER THE PAINT MANUFACTURER'S RECOMMENDA

11. CLEAN ANY METAL SURFACES TO RECEIVE PAINT OF RUST, RUNS, MILL SCALE, AND OILY RESIDUE.

INSTRUCTIONS. SURFACES SHALL BE FREE OF DEFECTS, DUST, AND SHALL BE SMOOTH.

9. FILL NAIL HOLES AND NARROW CRACKS WITH APPROVED FILLER MATERIAL.

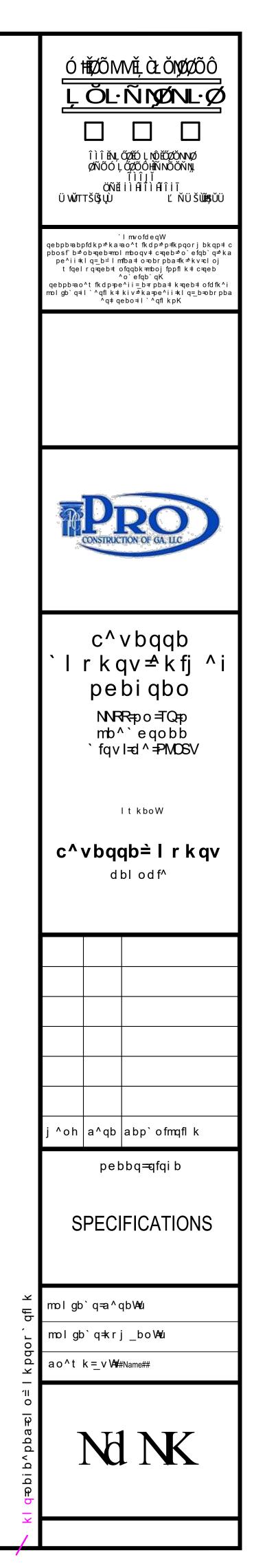
10400 SIGNAGE

PROVIDE SIGNAGE AS INDICATED ON PLANS AND AS SPECIFIED HEREIN.

- 2. ALL SIGNAGE SHALL MEET THE STATE MINIMUM ADA STANDARD FOR ACCESSIBILITY AND THE IBC. 3. RESTROOM SIGNAGE:
- a. UNIVERSAL "RESTROOM" SIGN: PROVIDE (1) PER UNISEX TOILET ROOM DOOR. b. EXTERIOR FACILITY SIGNAGE – WALL MOUNTED. COORDINATE EXTENT WITH OWNER.
- 4. INSTALLATION a. INSTALL AS PER THE STATE MINIMUM ADA STANDARD FOR ACCESSIBILITY AND IBC APPENDIX H.
 - b. ATTACH, FASTEN AND SUPPORT ALL SIGNAGE AS PER SIGNAGE MANUFACTURER'S INSTRUCTIONS AS PER CONDITIONS PRESENT.
 - c. PROVIDE ADEQUATE FASTENERS AND ADEQUATE SOLID CONCEALED BACKING SUPPORT.

13120 PRE-ENGINEERED METAL BUILDING (PEMB)

- 1. METAL BUILDING ASSEMBLY TO BE DESIGNED BY AND BEAR SEAL OF A STATE LICENSED STRUCTURAL ENGINEER EMPLOYED BY THE METAL BUILDING MANUFACTURER. SEE SUCH DRAWINGS FOR ADDITIONAL DATA.
- 2. METAL BUILDING ASSEMBLIES SHALL MEET INTERNATIONAL BUILDING CODE (LATEST EDITION) 3. LOAD DATA: AS PER IBC (WITH CURRENT STATE AMENDMENTS)
 - a. BUILDING OCCUPANCY AND RISK CATEGORY = As per IBC Table 1604.5.
 - b. LIVE LOAD = AS PER IBC
 - c. SNOW LOADING = AS PER IBC
 - d. WIND EXPOSURE = AS PER IBC IMPORTANCE FACTOR = AS PER IBC.
 - e. SEISMIC = AS PER IBC
 - f. COLLATERAL LOADS = 4 PSF g. UTILITIES LOADS: VERIFY EXACT WEIGHTS AND LOCATIONS WITH RELATED EQUIPMENT,
 - MANUFACTURER' AND INSTALLERS.
 - h. OTHER LOADS = SEE PLANS
- 4. SOIL ASSUME 2,500 PSF BEARING SOIL. VERIFY ACTUAL SOIL BEARING CAPACITY PRIOR TO START. IF LESS
- THAN 2,500 PSF THEN CONTACT FOUNDATION DESIGNER FOR REMEDY. 5. BRACING – PROVIDE ALL BRACKETS, BRACING, "X" BRACING, AND PORTAL FRAMES AS REQUIRED TO BRACE
- STRUCTURE. COORDINATE LOCATIONS WITH BUILDING PLANS TO AVOID CONFLICTS. 6. SEE PLANS FOR BUILDING PROFILES AND LAYOUT.
- 7. FACTORY PRIME STEEL.
- 8. ANCHOR BOLTS (A.B.) AS SIZED BY PEMB DESIGN ENGINEER.
- 9. INSULATION VINYL FACED BLANKET AT WALLS AND CEILINGS. R VALUES AS PER ENERGY CODES.
- 10. WALL PANELS: PREFINISHED METAL WALL PANEL ASSEMBLY- AS SELECTED BY OWNER. 11. GUTTERS AND DOWNSPOUTS – PROVIDED THROUGHOUT. SIZED BY PEMB AS PER CONDITIONS PRESENT AS
- PER ADEQUATE DRAINAGE CONTROL. COLOR AS SELECTED BY OWNER. 12. FLASHING AND TRIM ASSEMBLIES: PREFINISHED METAL. PROVIDE ALL STANDARD PROFILES. SEE PLANS FOR
- ANY SPECIAL PROFILES. COLOR AS SELECTED BY OWNER.
- 13. PERSONNEL DOOR/FRAMES BY DOORS VENDOR UNLESS LOCATED IN PEMB WALL.
- 14. WINDOWS BY WINDOWS VENDOR UNLESS NOTED OTHERWISE. 15. THE PRE-ENGINEERED MANUFACTURER SHALL PROVIDE STRUCTURAL HEADER FRAMING AND JAMB SUPPORT
- AT ALL EXTERIOR WINDOW OR DOOR OPENINGS OVER 6'-6" WIDE.
- 16. EQUIPMENT CURBS AS REQUIRED FOR ROOF MOUNTED EQUIPMENT. MATCH ROOF PANEL PROFILES.
- PROVIDE WATERTIGHT ASSEMBLIES. MAINTAIN ALL ROOF WARRANTIES.
- 17. VENTS/LOUVERS AS SHOWN ON DRAWINGS.
- 18. FRAMED OPENINGS: PROVIDE AT OPENINGS/PENETRATIONS AT PEMB WALLS OR PEMB FRAMED ROOF.
- COORDINATE EXACT SIZES AND LOCATIONS WITH PLANS AND RELATED EQUIPMENT ITEMS. 19. PROVIDE ALL MISC. SUPPORTS AND FRAMING AS NEEDED TO SUPPORT ALL ITEMS RESTING ON, ATTACHED TO, OR HANGING FROM PEMB STRUCTURE. COORDINATE ALL ITEM WEIGHTS AND EXACT LOCATIONS PRIOR
- TO START OF DESIGN. 20. PROVIDE WIND BRACING AND MISC. HEADER SUPPORTS.



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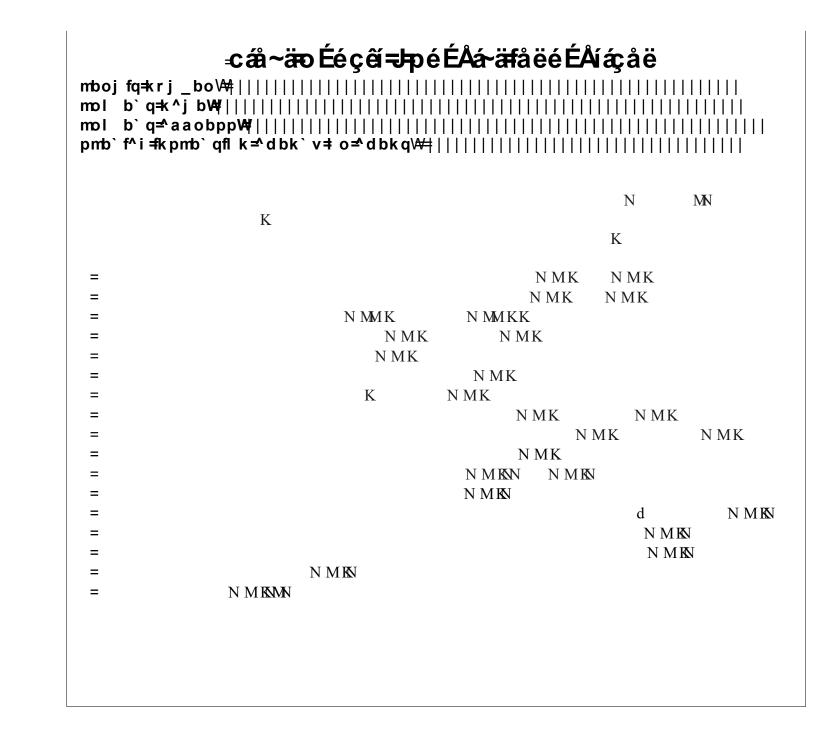
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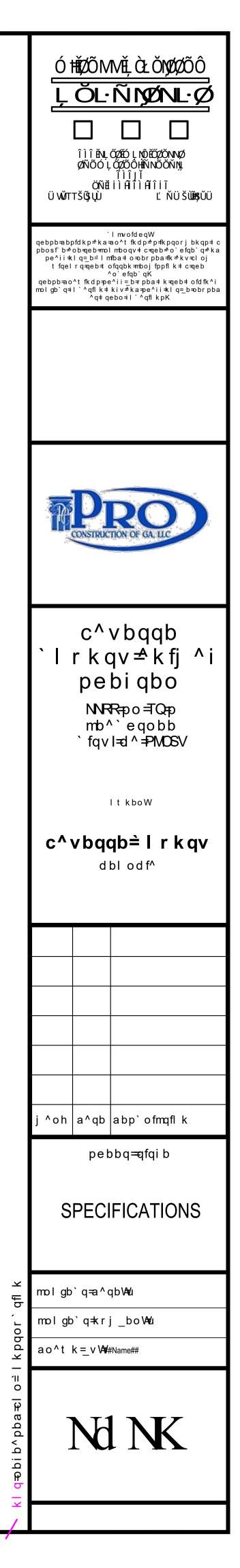
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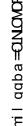
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b	pLp=bu^j=q^_ib=Eclia.JrmF≕eOOuQQ	
С	q=pe^mb=plp=mobmLmol`barob=q^_ib=tfqe=pfkh=C=c^r`bq	
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р	QUuQQaplp=q^_ib=tl≘pebis	
q	SMuPMaplp≐lrkqbolaplpapfkhlaplpapebisb	
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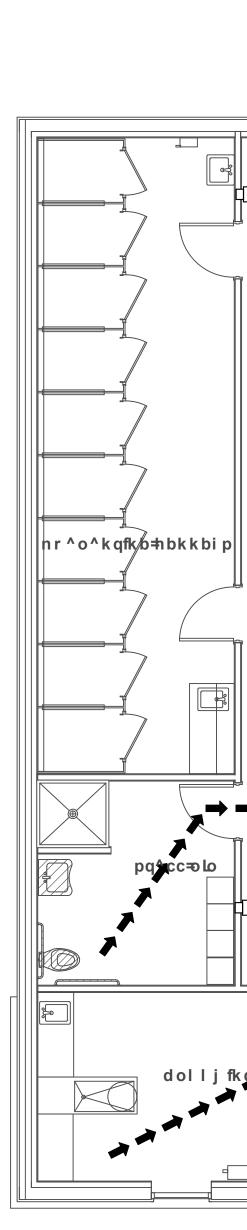
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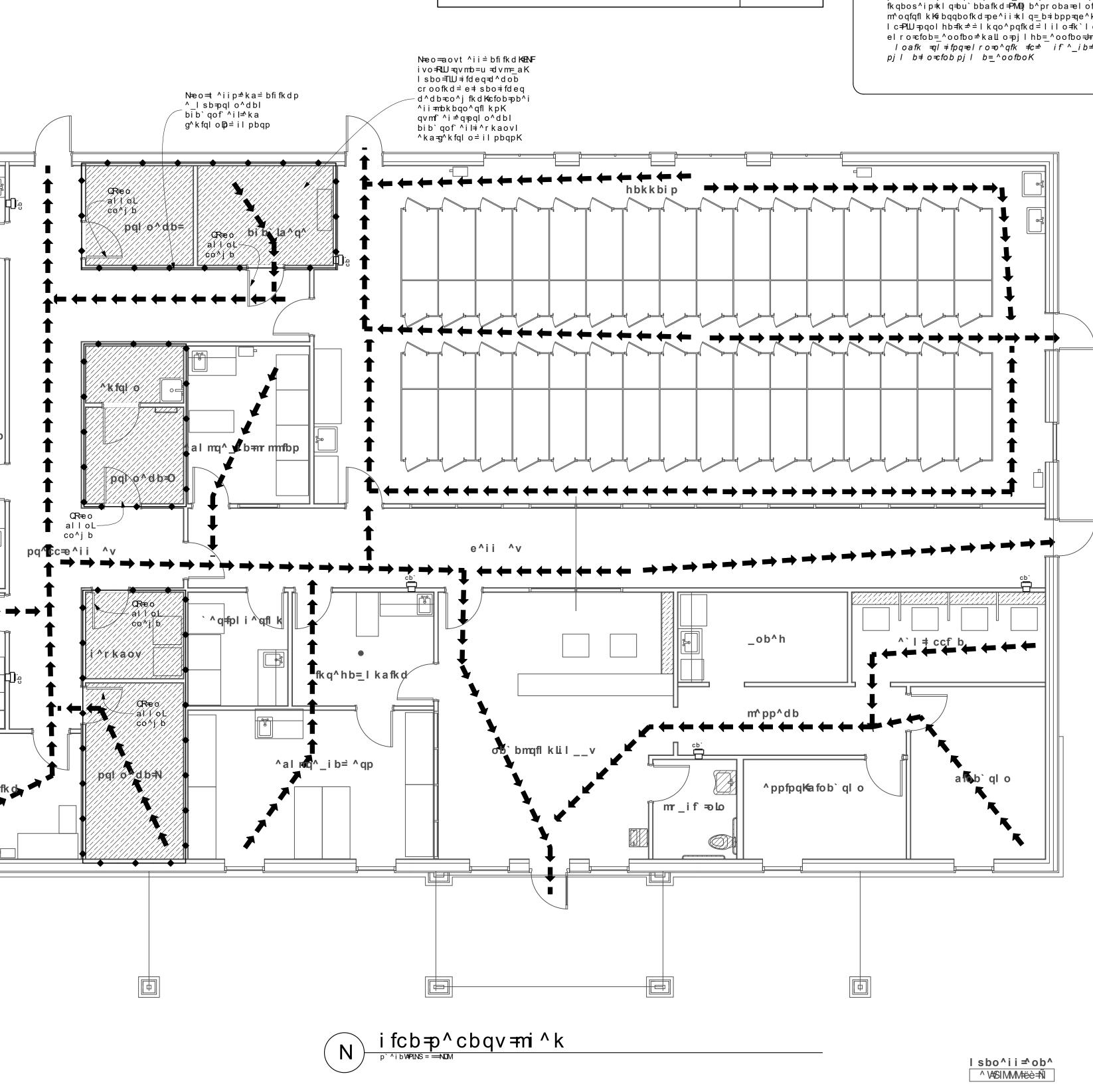
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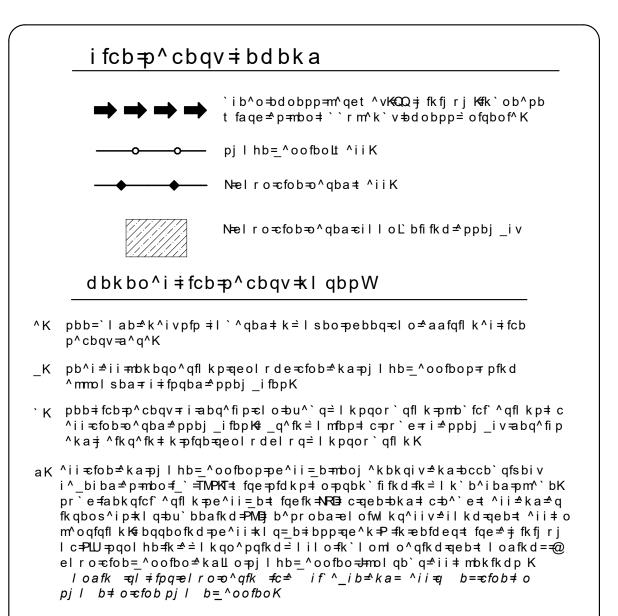
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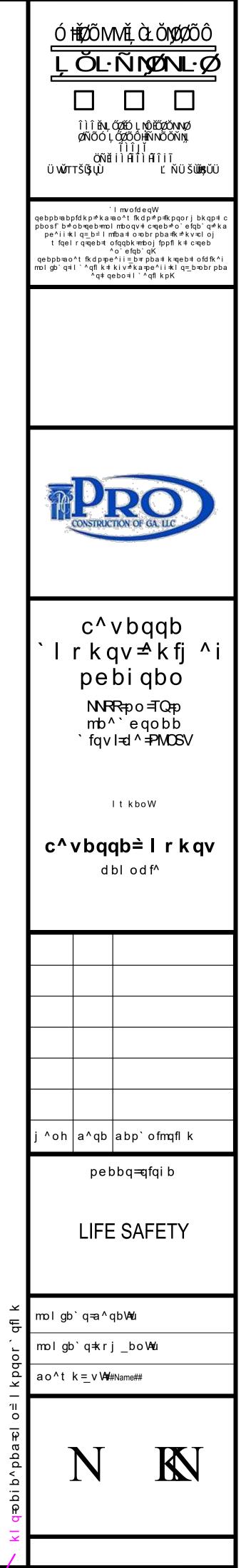


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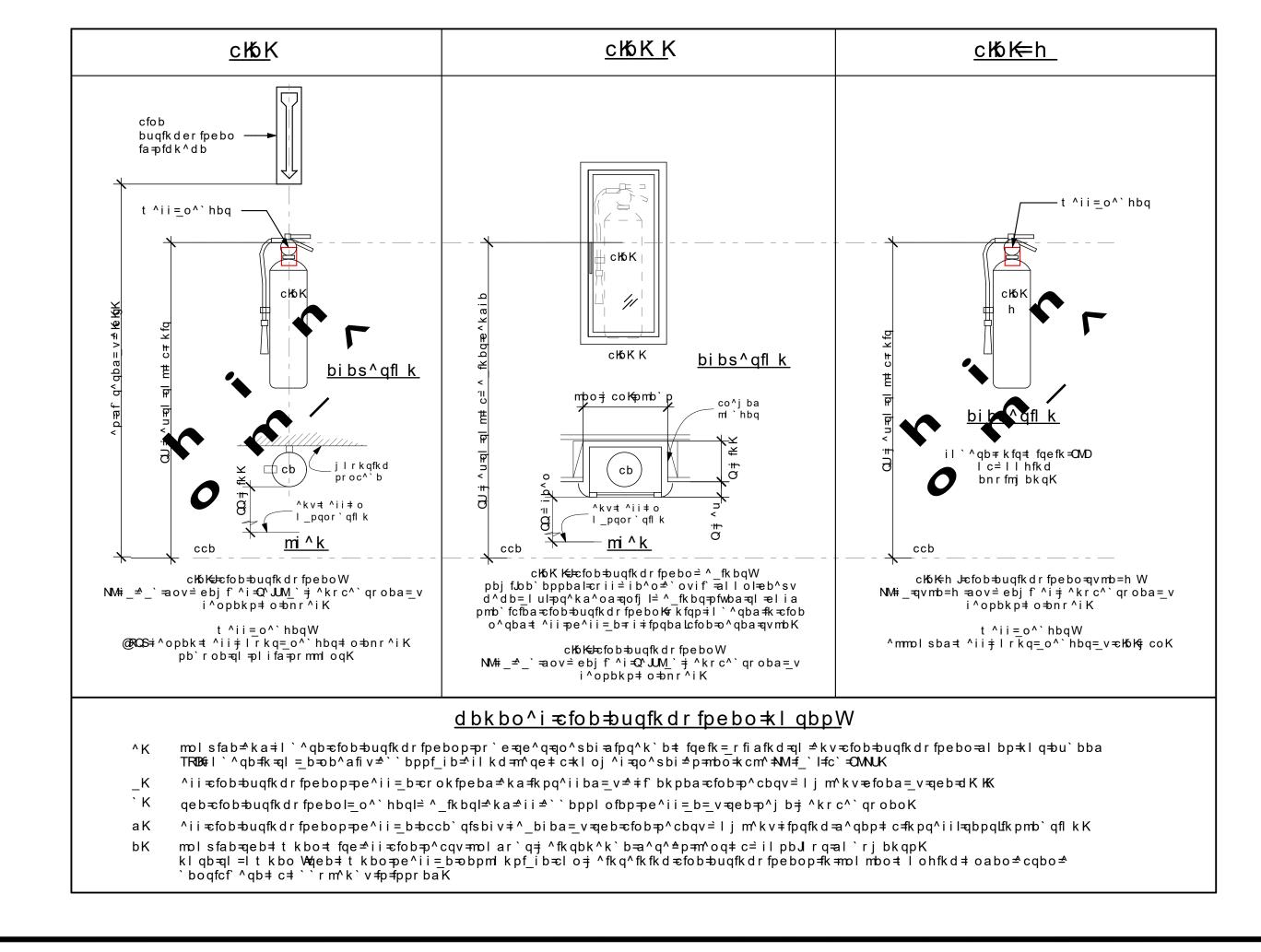
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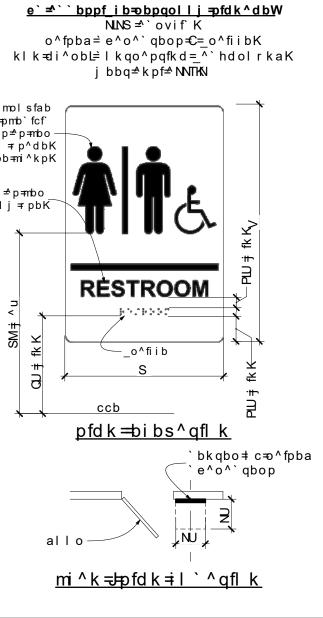
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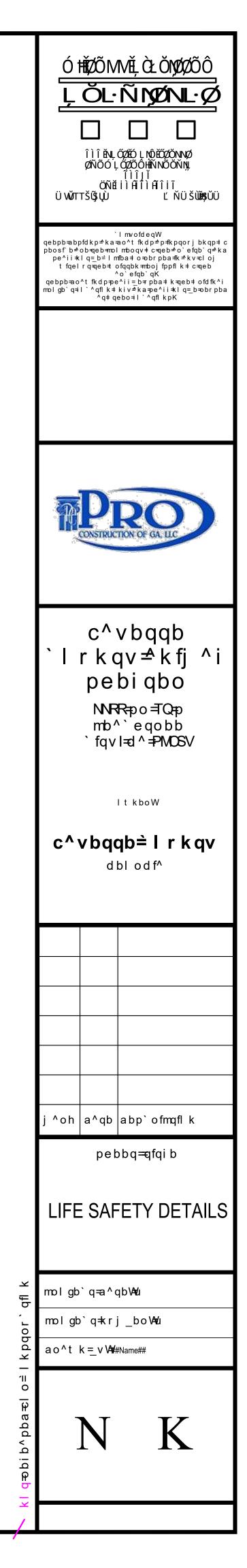




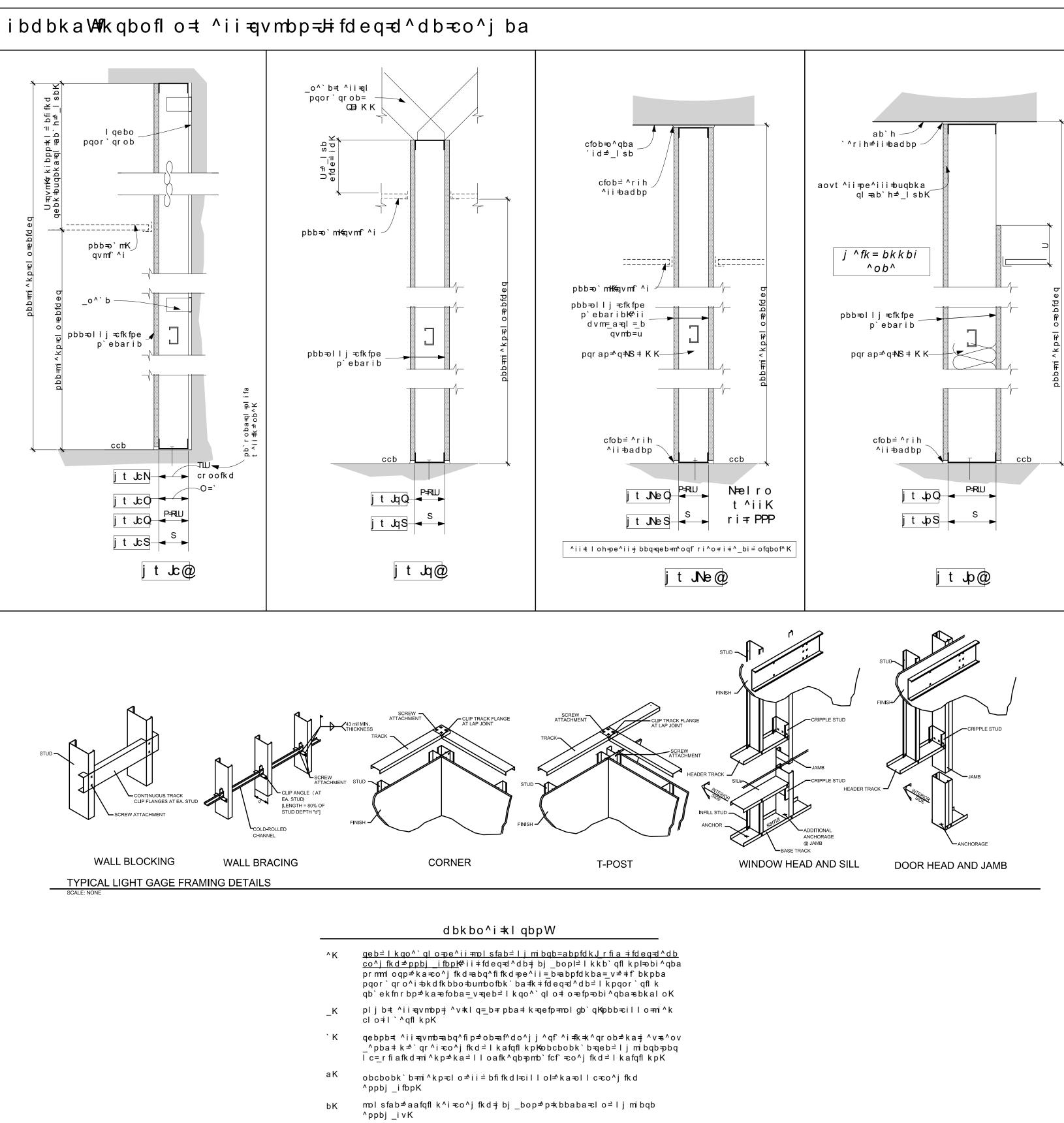
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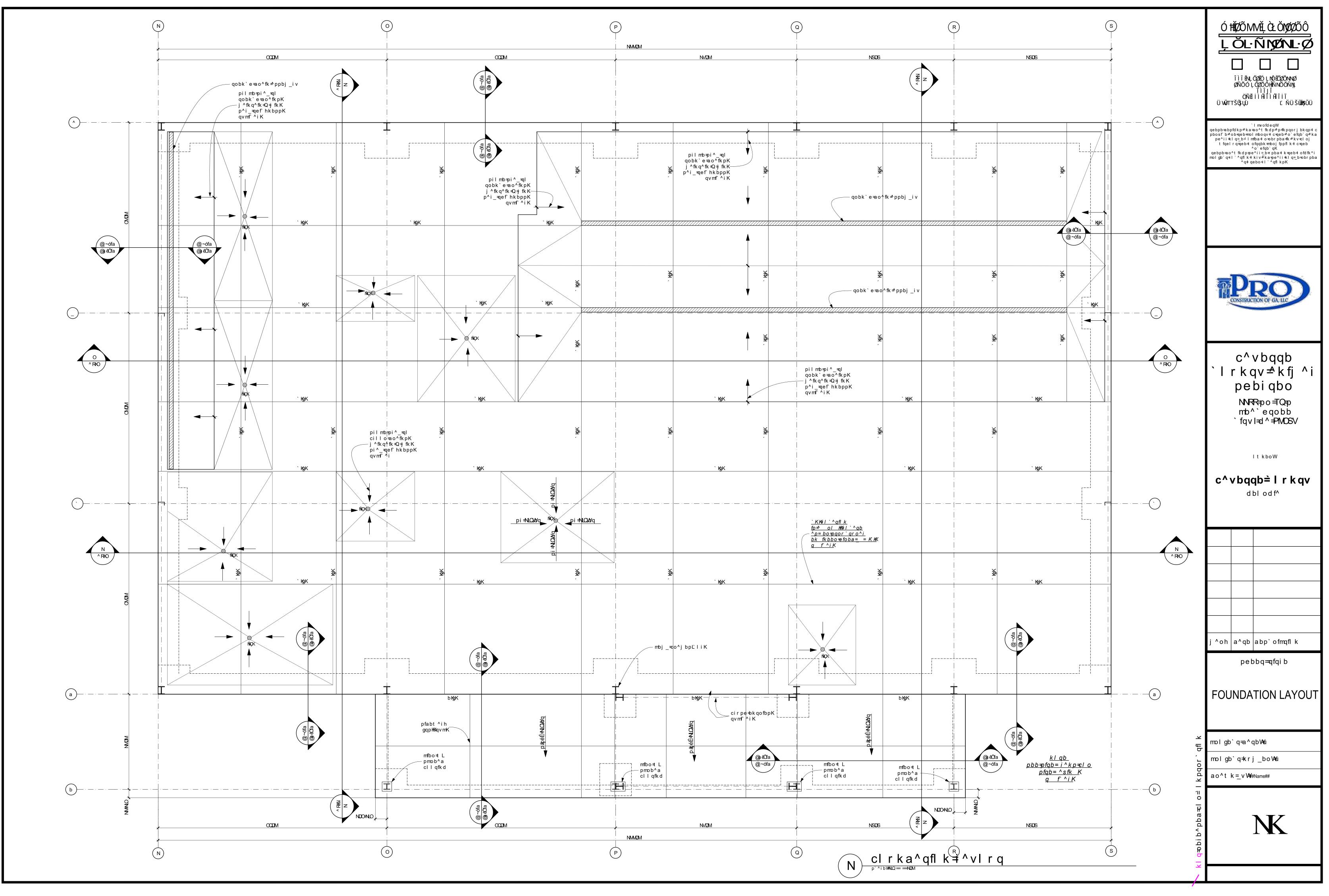




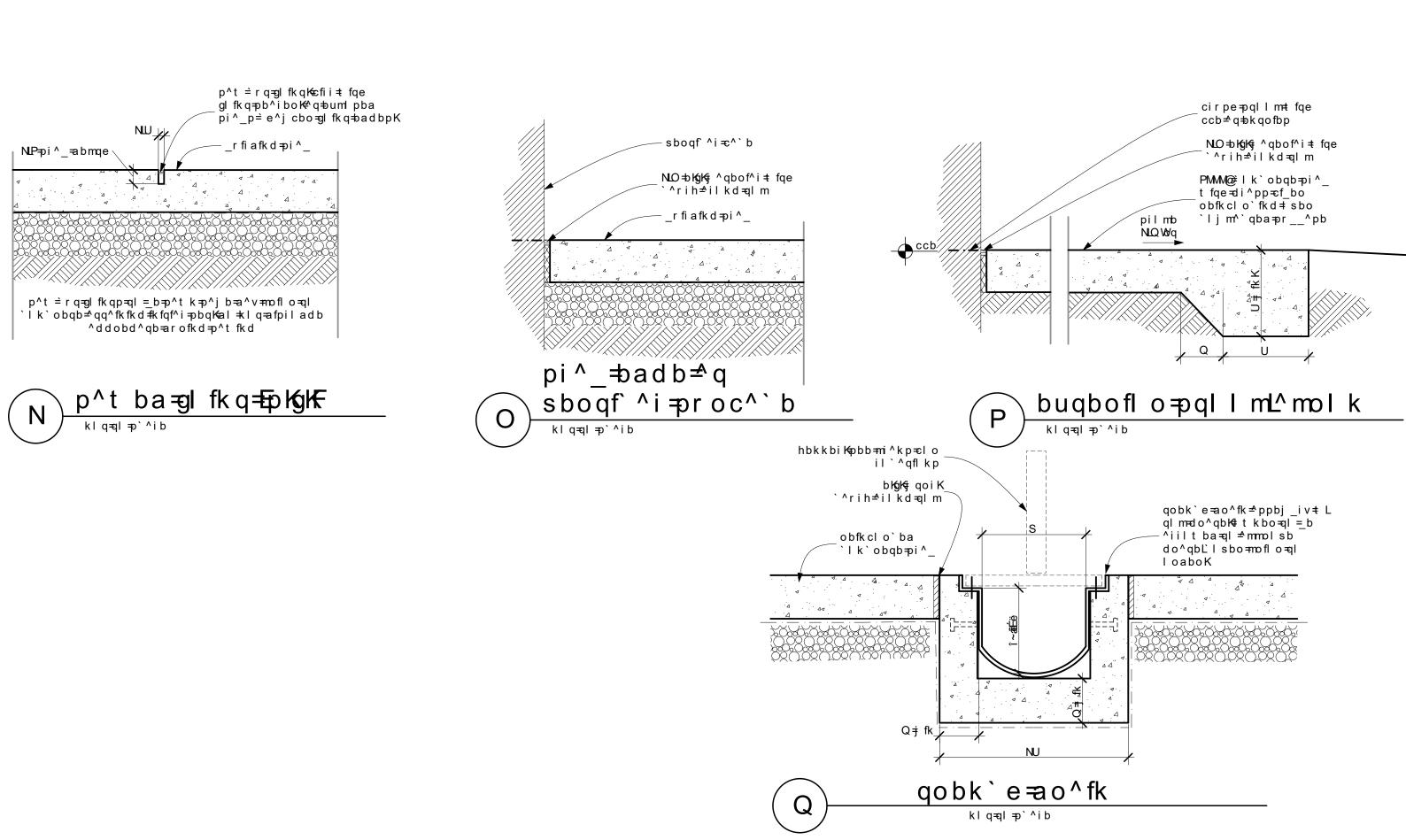


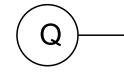


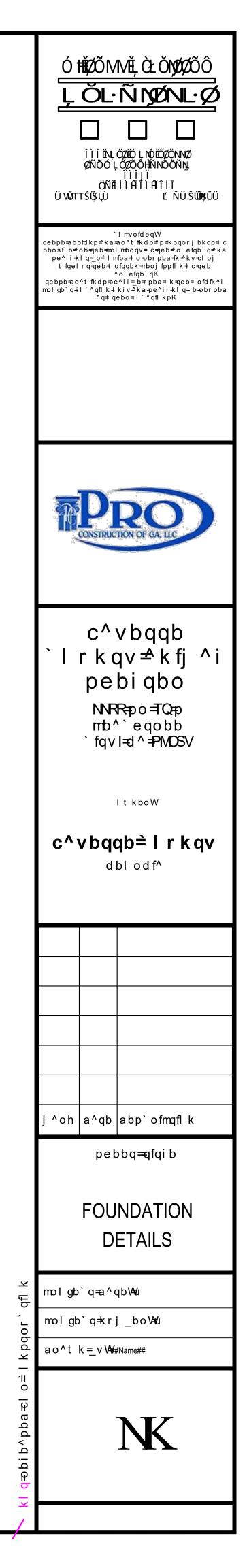


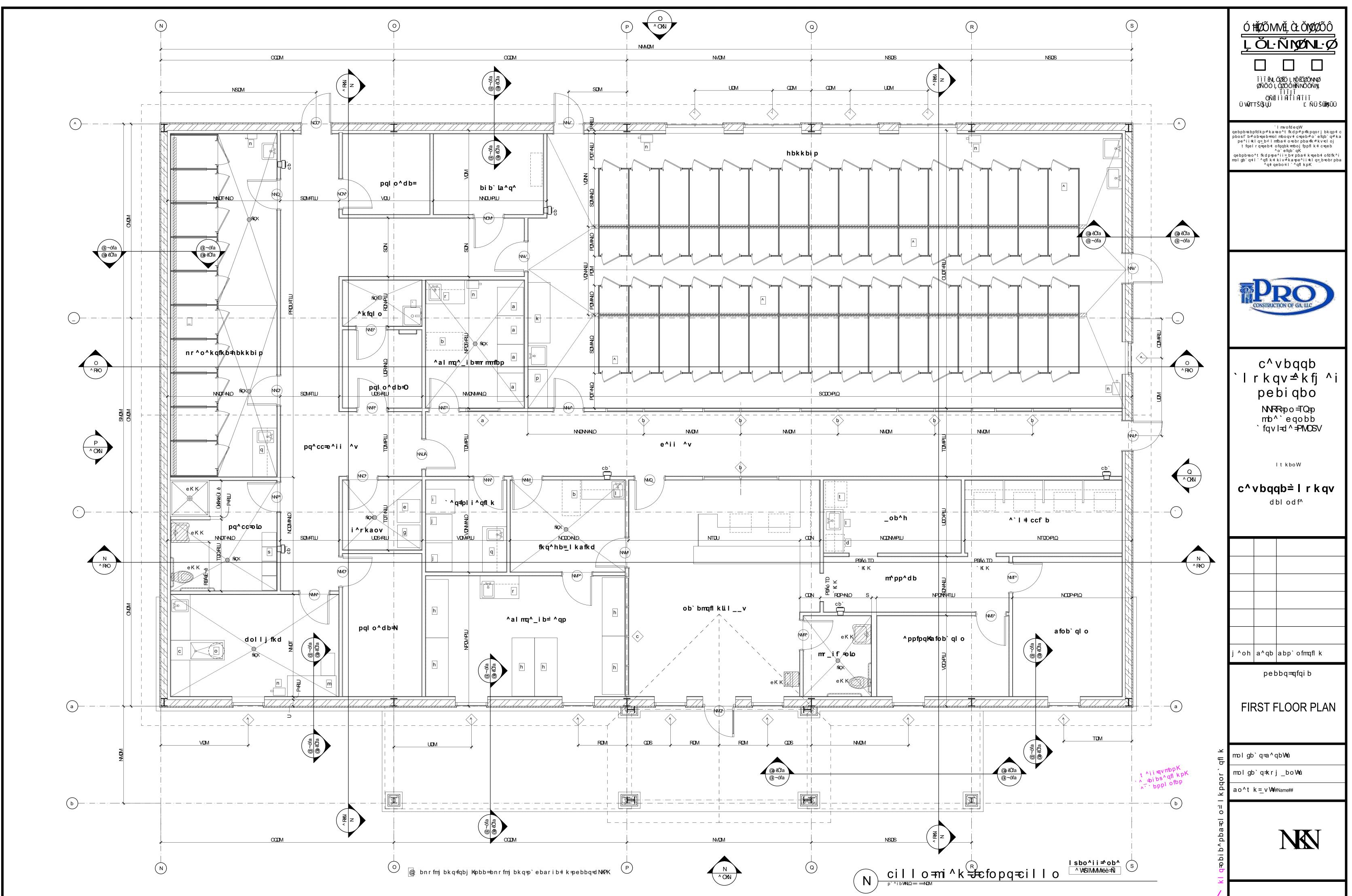


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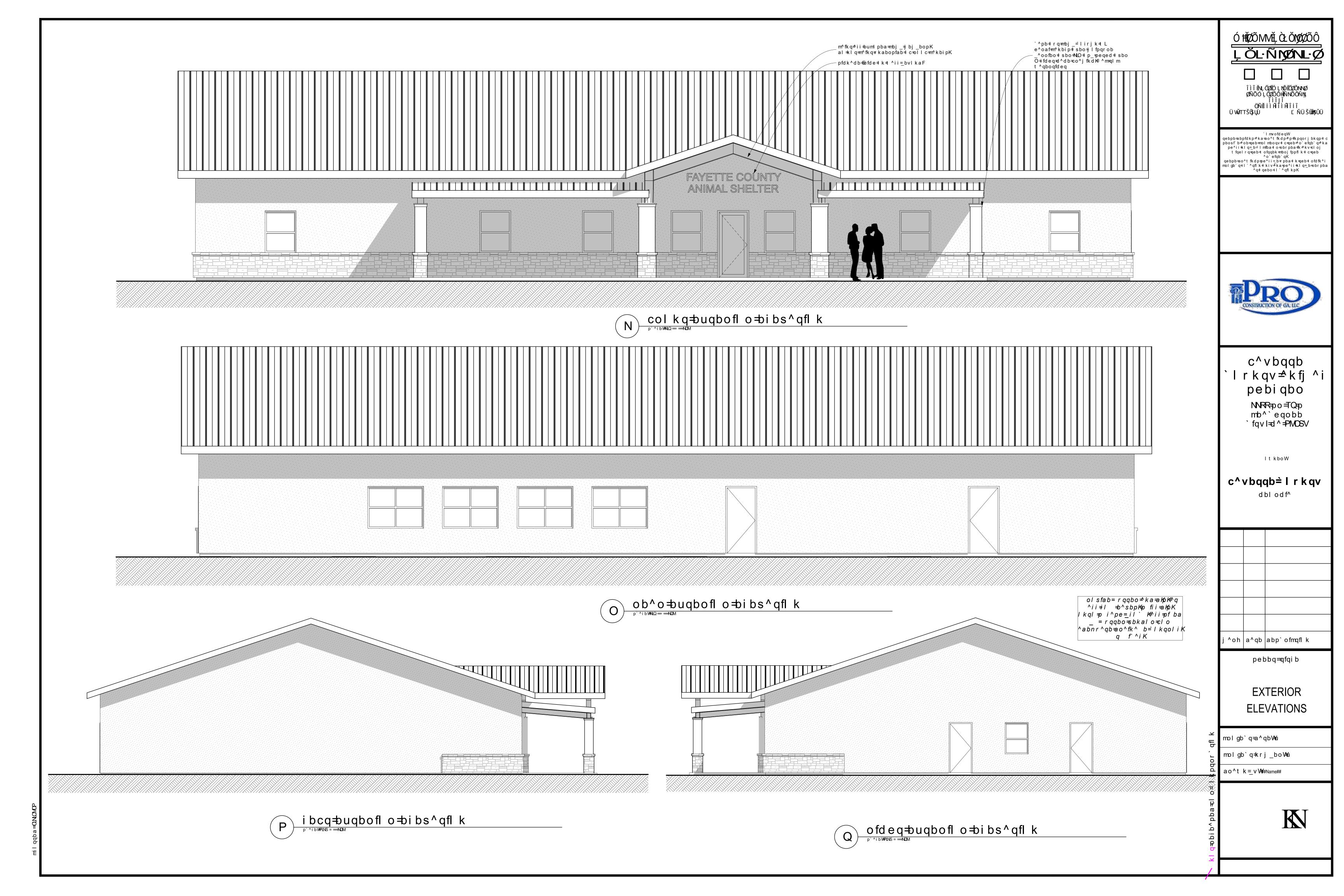








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	WINDOW SCHEDULE							
ID.	TYPE	ELEVATION	Nominal W x H Size	NOMINAL HEAD HGHT	REMARKS:	APPROX. QTY.		
۸	sfkvi=pfkdib=erkd		PDQ~ QDS	TIDO	fkpri^qba,≢It =b≕di^wfkd	U		
`	sfkvi=pfkdib=erkd=ə=qtfk		SDM~ QDS	TIDO	fkpri^qba≑lt=b≕di^wfkd	Q		
а	eliilt j bq^i		pds ~ rdq	TIDO	NLQ=p^cbqv=di^wfkd	N		
b	eliilt j bq^i		TIJNM~ RDQ	TIDO	NLQ=p^cbqv=di^wfkd	S		
С	eliilt j bq^i		NODQ~TIDM	TIDS	NLQ=p^cbqv=di^wfkd	N		

ollj=cfkfpe=p`ebarib								
k^j b	cillo	_^pb	^i i	`bfifkd	obj ^ohp			
I ≢ ccf`b	isq	Q≔sfkvi	m^fkq=d K K_K	p^q ≠ N				
Imq^_ib≐^qp	bmluv‡k `Ik`	ms`≠NuS	pbb=obj^ohp	p^q = €	t ^iip=b=com=tsbo=RLU=arol`h=ql=bLBek=m^fk:q=RLU=jlfpqrob obpfpq^k:q=dvm=_a=colj=bLBe=ql=^_lsb=`idK			
lmq^_ib≠mrmmfbp	bmluv≠k `Ik`	ms`≠NuS	pbb≂obj ^ohp	p^q=0	t ^iip=b=com=tsbo=RLU=arol`h=ql=bDBk=m^fkq=RLU=jlfpqrob obpfpq^kq=dvm=_a=colj=bDB==ql=^_lsb=`idK			
pfpqKafob`qlo	isq	Q≔sfkvi	m^fkq=d K K_K	p^q ≠ N				
b^h	isq	Q≔sfkvi	m^fkq=d K K_K	p^q ≠N				
q≢pli^qflk	bmluv‡k `lk`	ms`≠NuS	pbb≂obj ^ohp	p^q€	t ^iip=b=comn≠ sbo=RLU=arol `h=ql=bLBek¥am^fk:q=RLU=jlfpqrob obpfpq^k:q=dvm=_a=colj=bLBe=ql=^_lsb=`idK			
ob`qlo	isq	Q≔sfkvi	m^fkq=d K K_K	p^q ≠ N				
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olljfkd	pqlke^oa cillofkd	pql ke^oa	pbb=obj ^ohp	p^q€	t ^iip=b=com=tsbo=RLU=arol`h=ql=bDBk=m^fkq=RLU=jlfpqrob obpfpq^kq=dvm=_a=colj=bDB==ql=^_lsb=`idK			
iit ^v	pqIke^oa cillofkd	pql ke^oa	pbb≂obj ^ohp	p^q ≠ N	t ^iip=b=com=tsbo=RLU=arol`h=ql=bDekkam^fkq=RLU=jlfpqrob obpfpq^kq=dvm=_a=colj=bDe=ql=^_lsb=`idK			
q^hb=lkafkd	bmluv‡k `Ik`	ms`≠NuS	pbb=obj^ohp	P^q = €	t ^iip=b=com=tsbo=RLU=arol`h=ql=bDek=m^fkq=RLU=jlfpqrob obpfpq^kq=dvm=_a=colj=bDe=ql=^_lsb=`idK			
k fql o	bmluv‡k `lk`	ms`≢NuS	pbb=obj^ohp	m^fkq=d K K_K	t ^iip=b=com=tsbo=RLU=arol`h=ql=bLBek=m^fk:q=RLU=jlfpqrob obpfpq^k:q=dvm=_a=colj=bLBe=ql=^_lsb=`idK			
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lo^db≠N	bmluv‡k `Ik`	Q≔sfkvi	m^fkq=d K K_K	m^fkq=d K K_K				
lo^db=O	bmluv‡k `lk`	Q≂sfkvi	m^fkq=d K K_K	m^fkq=d K K_K				
lo^db₽	bmluv‡k `Ik`	Q≂sfkvi	m^fkq=d K K_K	m^fkq=d K K_K				

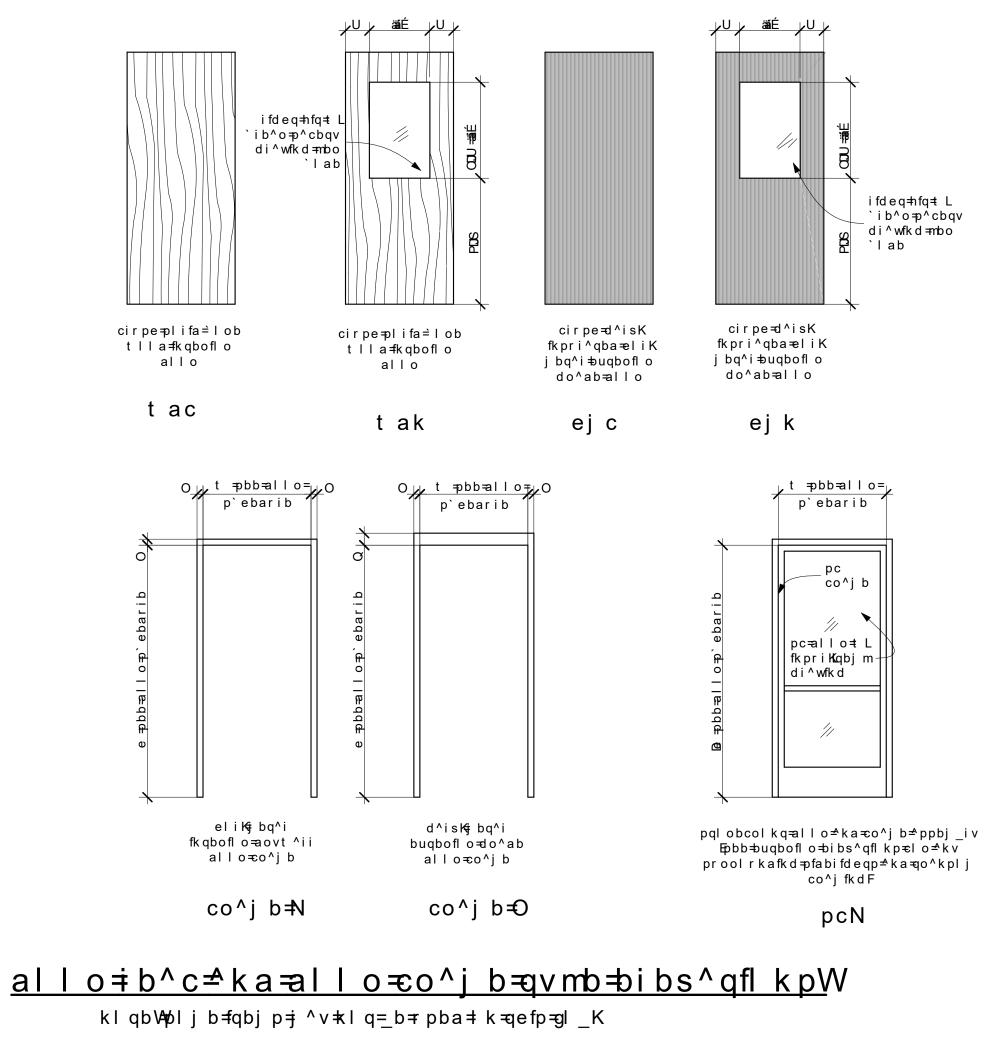
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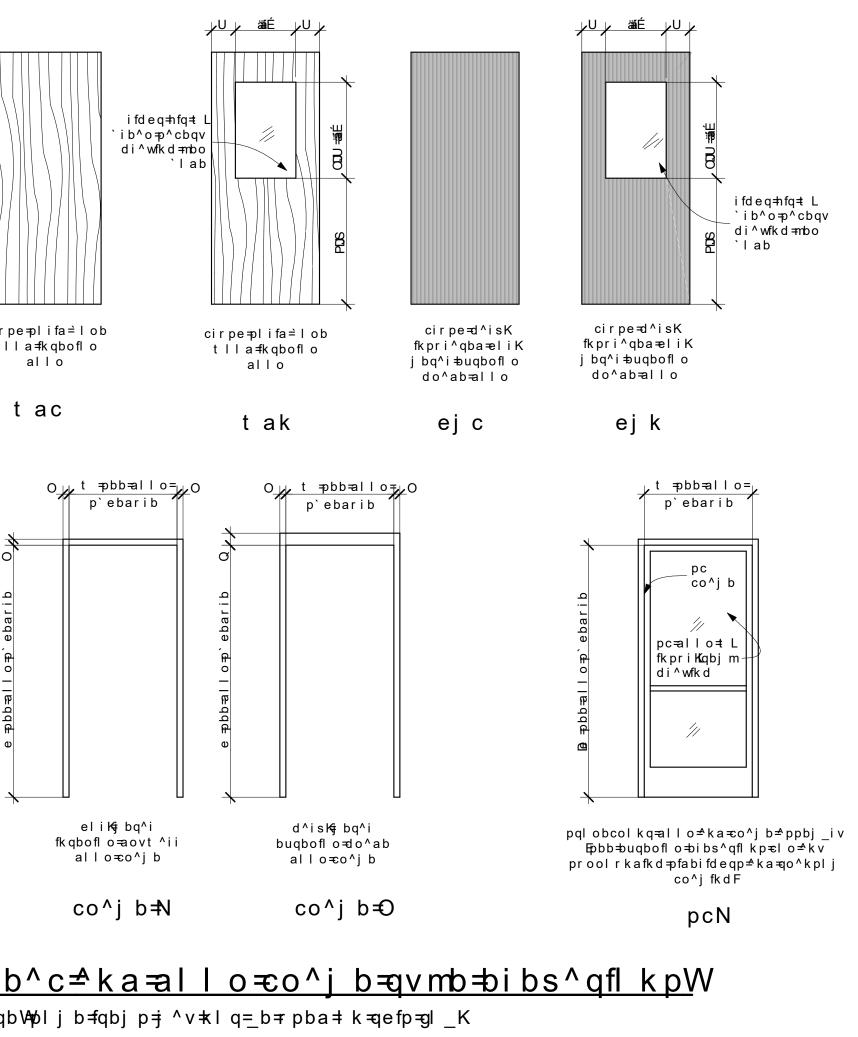
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	Ó ĦĮŹÕMVĚ, ČŁ ŎŅŹŹÕÔ L ŎĿÑŊŹŃĿŹ ÎÌÎĔN, ŐŹĔŎĿNŶĔŹŎNNŹ ŹŇŎÓĻ ČŹČŎſĦŇNŇČŎŇŊ ĨÌĴĬĬ ÖŇĔ IÌĤĨÌĤĨÌĨ Ü WJTTŠ QJŲ ĽŇÜ Š ŬĔĢŬÜ			
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NMO^	páåÖaÉ	PDM~ TDM			
NMP^	páäÖäÉ	PDM~ TDM			
NMQ^	páäÖäÉ	PDM~ TDM			
NMQ_	páäÖäÉ	PDM~ TDM			
NMR^	páäÖäÉ	PDM~ TDM			
NM5^	páåÖaÉ	PDM~ TDM			
NMT^	páåÖäÉ	PDM~ TDM			
NNM	páåÖaÉ	PDM~ TDM			
NNM_	páåÖaÉ	PDM~ TDM			
NNN	paäÖäÉ	PDM~ TDM			
NNO ¹	paäÖäÉ	PDM~ TDM			
NNP^	páåÖäÉ	PDM~ TDM			
NNQ	páåÖaÉ	PDM~ TDM			
NNQ_	páåÖaÉ	PDM~ TDM			
NNR^	paäÖäÉ	PDM~ TDM			
NN5^	paäÖäÉ	PDM~ TDM			
NNT^	páåÖaÉ	PDM~ TDM			
NNU^	páåÖaÉ	PDM~ TDM			
NNJÄ	páåÖaÉ	PDM~ TDM			
NN/^	páåÖaÉ	PDM~ TDM			
NN/_	páåÖaÉ	PDM~ TDM			
NN	páåÖaÉ	PDM~ TDM			
NOM	páåÖaÉ	PDM~ TDM			
NON	páåÖaÉ	PDM~ TDM			
N00^	páåÖaÉ	PDM~ TDM			
. КК	, кк	PDM~ TDM			

<u>fkqboflo</u>

<u>fJcc</u>== fko hbvba≠bsbo=pbo

<u>folo_b</u>== fkqboflo=obpqollj=*pfk i b=r pbo* mofs^`v≠bsbo=pbql=P=efkdbpl=pqofhbl=pfibk`bopl=pqlml=e`=pfdk^dbK ΕΙ` =ql=afpbk ^ b= ebk≠bsbo≠`qfs^qba≉olj=fkqbofloF

<u>buqbofl o</u>

<u>b_bc_b</u>= buqboflo=pqlobcolkq=bdobpp ^iiæ^oat ^ob=ql=_b=molsfaba=_v=qeb=allo=j^krc^`qroboK =P≐^pq≄irjfkrj=efkdbpl=mrpeLmrii=pbql=^agrpq^_ib=do^ab=N=proc^`b=jlrkqba `ilpbol≑l`h≐vifkabol=tb^qebopqofml=ptbbml=jbq^i=qeobpeliaK

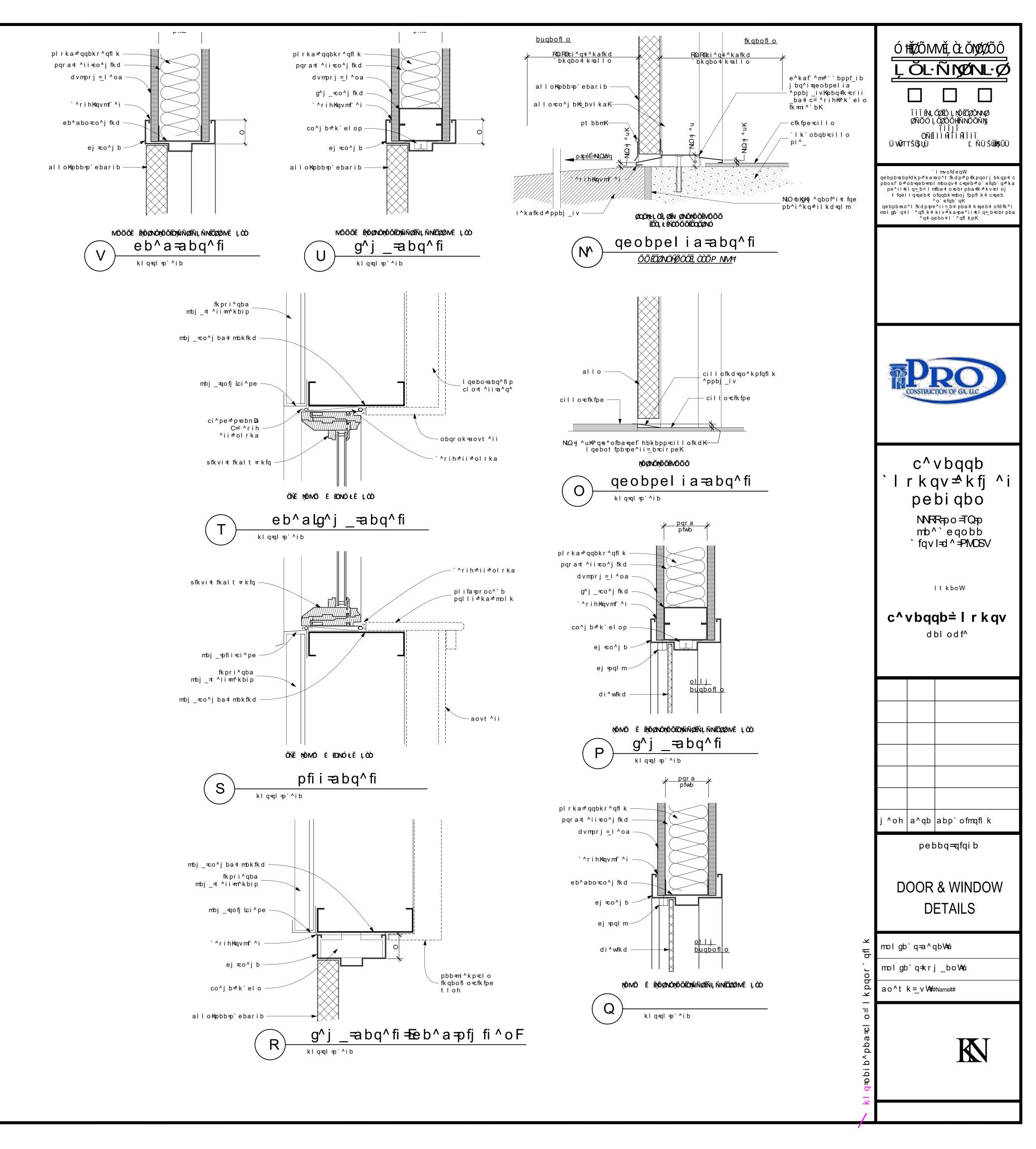
<u>bJmb</u>== buqboflo=mboplkkbi=bdobpp hbvba≑bsbo=bkqov=pbql=ab^a_liql=P=efkdbpl=pqofhbl=`ilpbol=tb^qebopqofml=pfibk`bopl pt bbml+j bq^i=qeobpeliakÆtbsbo=pbq≠l` =ql=afpbk ^ b= ebk≠bsbo=^`qfs^qba=colj fkqbofl oF

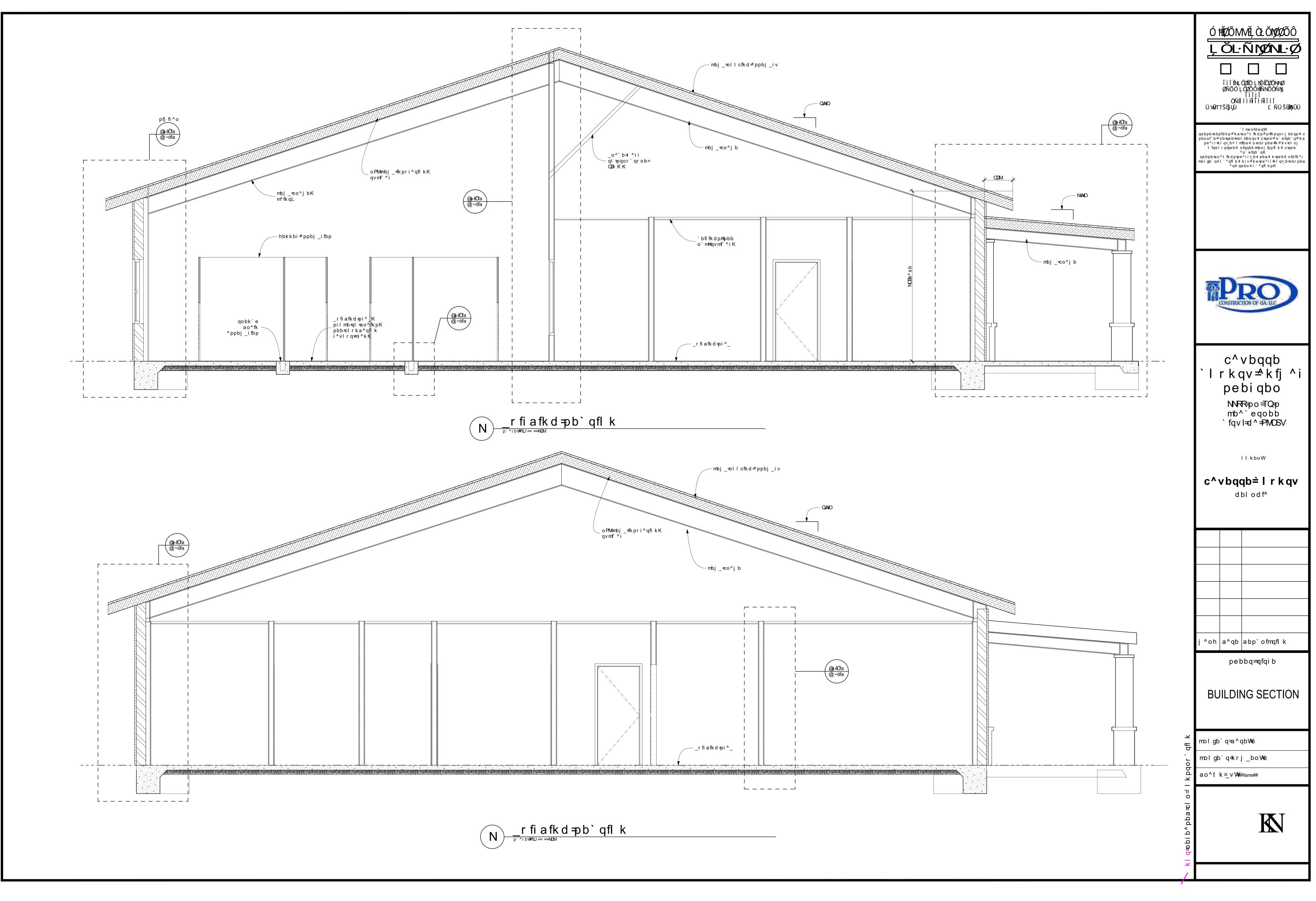
<u>b_hhbb</u>== buqboflo=mboplkkbi=bjbodbk`v=bdobpp qerj_Jmrii=bkqov≠l`hpbql=P=efkdbpl=pqofhbl≐ilpbol=tb^qebopqofml=pfibk`bopl=ptbbml jbq^i=qeobpelial=m^kf=absfb=E^*kf`=absf`b=ql=afpbk ^ b=il` pbqF*K

<u>dbkbo^i‡klqbp</u>W ^k∈ ^kv=m^fop=tc=allop=ql=e^sb=cirpe=_liqpk≪^iilt=clo=qtl=mlfkq=il`hfkdK _k∈ ^kv=bdobpp=allop=^ilkd=m^qe≠c=qo^sbi=pbosfkd=NMM#o=jlob=mblmib=pe^ii=_b = bnrfmmba=tfqe=^∓m^kf=absfb=*ka≐ilpboK `K≑ molsfab=tb^qebopqofmmfkdl=ptbbml=^ka=`ilpbo=^q≜ii=buqboflo=allopK ak≑ pbb=mi^kp=^ka=allo=p`ebarib=clo=^kv=cfob=o^qba=allo=^ppbj_ifbpK bk≑ pbb=allo=p`ebarib=clo=*kv=allop=tfqe=bib`qolkf`=^``bpp=`lkqoli= = jb^probpK

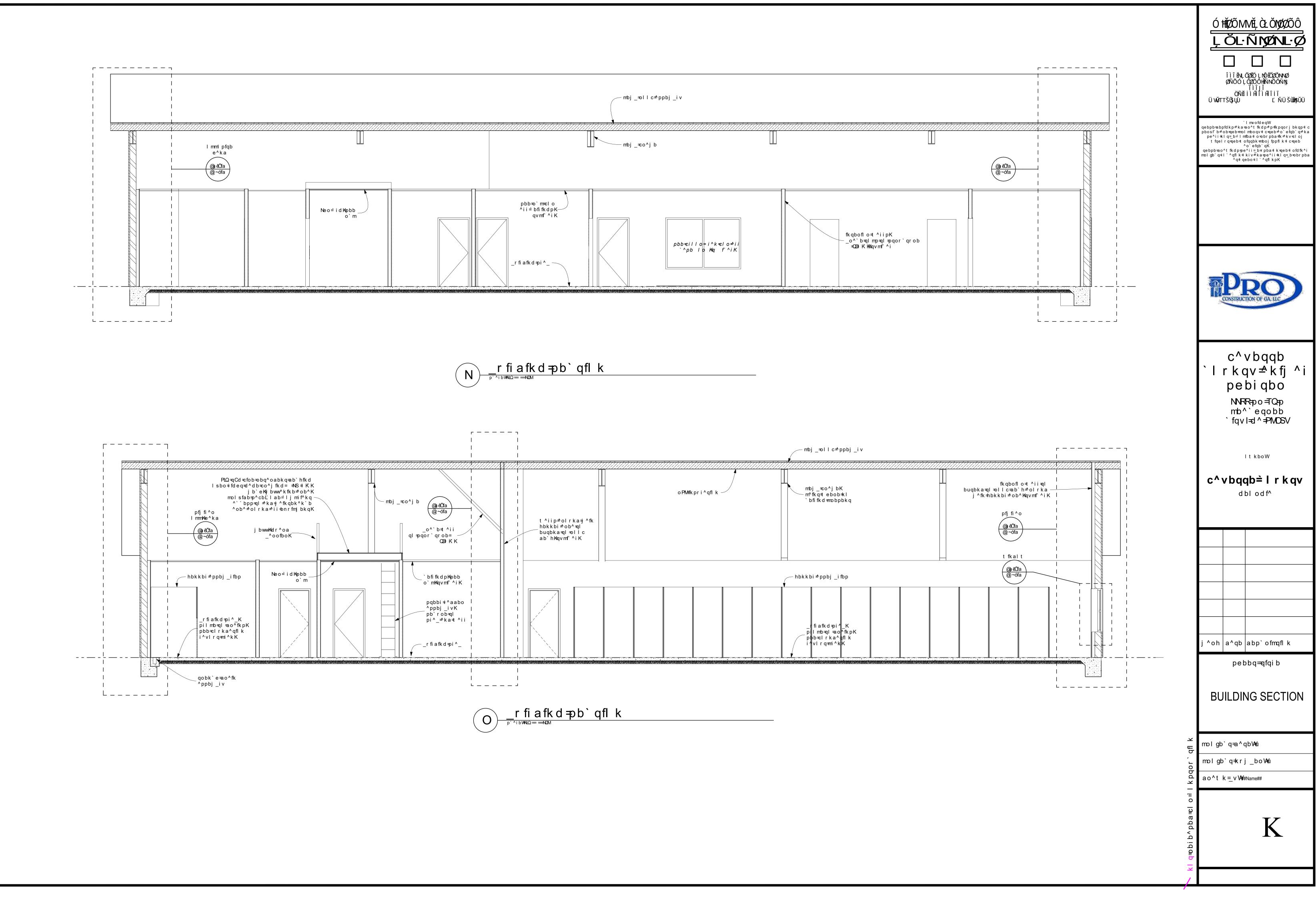
			allo=p`	ebaril	0		
hK	aççê qóéÉ	cê~ãÉ qóéÉ	e∼êÇi∼êÉ pÉí	caéÉ o∼íaåÖ	o Éã ∼êâë		
	<u>allo=e^oa ^ob=p`ebaribW</u> pljb=e^oa ^ob=pbqp=j^ ★lq=_b=tpba=tk=qefp=l_K						
<u>fk</u>	<u>qboflo</u>	<u>)</u>					
			o=mboplkkbi=b bql=ab^a_liql=f		qofhbl≐ il pbol=pfibk`bopK		
hb	<u>fJilp</u> = fkqboflo≐ilpbq hbvba≑bsbo=bkqov=pbql=P=efkdbpl=pqofhbl=pfibk`bopl=pqlmK Æl`=ql=afpbk ^ b= ebk≠bsbo=*`qfs^qba=colj=fkqbofloF						
hb Æ/	<u>fubqlo</u> ≕ fkqboflo=pqlo^db=ollj hbvba=ibsbo=bkqov=pbql=P=efkdbpl=pqofhbl=`ilpbol=pfibk`bopl=pqlmK El` =ql=afpbk ^ b= ebk=ibsbo=*`qfs^qba=colj=fkqbofloK=a <u>llo=pe^ii=klq=il`</u> <u>^rqlj^qf`^ii =\$q=ilpfk</u> F						
	<u>fJm^pp_b</u> = fkqboflo=m^pp^db=bdobpp m^pp^db=i^q`efkd=ibsbol=P=efkdbpl=pqofhbl=pfibk`bopl=pqlmK						
	<u>fJm^ppJbb</u> = fkqboflo=m^pp^db=bjbodbk`v=bdobpp m^pp^db=i^q`efkd=ibsbol=P=efkdbpl=pqofhbl=pfibk`bopl=pqIml=iIpboK						
hb	<u>fJcc</u> = = fkqboflo=tccf`b hbvba=ibsbo=pbql=P=efkdbpl=pqofhbl=pfibk`bopl=pqImK Æl` =ql=afpbk ^ b= ebk=ibsbo=^`qfs^qba=colj=fkqbofloF						

	Ó HỆZÕ MVĚ, Ủ ÔN ƯỢCÔÔ ĻŎĿÑ Ŋ ƯŃĿ Ø			
	ÎÌÎÊNĻŐZĚÓĻNÔĚŐZŎNNZ ZŇÕÓĻŐZÕÔHĚŇNÕŎŇŊ ĮĨÌĴJĬ			
	ÖŇĔIÌĤĪÎÌĤĨÎIĪ ÜWŬTTŠÇĞJŲÙ ĽŇÜŠÙÜ#S,ŬŬ			
	`ImvofdeqW qebpb=abpfdkp=*ka=ao^t fkdp=*p=fkpqorj bkqp=t c pbosf b=*ob=qeb=mol mboqv=t c=qeb=*o`efqb`q=*ka pe^ii=tlq=_b=`Imfba=to=obrpba=fk=*kv=cloj			
	t fqelrq=qeb=t ofqqbk=mboj fppflk=tc=qeb ^o`efqb`qK qebpb=ao^t fkdp=pe^ii=_b=tpba=tk=qeb=tofdfk^i molgb`q=il`^qflk=tkiv=*ka=pe^ii=klq=_b=obrpba ^q=tqebo=il`^qflkpK			
	RPRO)			
	c^vbqqb `Irkqv≄kfj^i			
	pebiqbo			
	NNRR=po=TQ=p mb^`eqobb `fqvl=d^=PMDSV			
	lt kboW			
	c^vbqqb≐lrkqv dblodf^			
	j^oh a^qb abp`ofmqflk			
	pebbq ≕ qfqib			
	DOOR SCHEDULE			
fl k	molgb`q=a^qbWa/u			
qor`q	molgb`q=krj_boWau			
qteotib^pbatelo≐Ikpqor`qfIk	ao^t k =_v ₩##Name##			
a € lo:				
i b^pb	K			
dœp				





mil qqba **=CINC**M



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