DOCUMENTS.

2. SUBMIT TWO SETS OF HARD COPIES AND ONE SET OF REPRODUCIBLES. ONE SET OF REDLINED HARD COPY WILL BE RETURNED TO THE ARCHITECT AND ONLY THE REPRODUCIBLE WILL BE RETURNED TO THE CONTRACTOR. IF NO REPRODUCIBLE IS SUBMITTED ONLY TWO SETS OF REDLINED DRAWINGS MILL BE RETURNED.

3. ALLOW AMPLE TIME FOR SHOP DRAWINGS REVIEW PROCESS. DEPENDING ON THE AMOUNT OF SHOP DRAWINGS AND THE COMPLEXITY OF THE PROJECT, THE NORMAL REVIEW TIME IS THEN WORKING DAYS FROM THE DAY AFTER THE STRUCTURAL ENGINEER RECEIVES THE DRAWINGS. THIS DOES NOT INCLUDE SATURDAYS, SUNDAYS, HOLIDAYS AND THE DAY DRAWINGS ARE RECEIVED.

4. THE REVIEW OF SHOP DRAWINGS IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS.

A. FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

B. FIELD LAYOUT, SHOP DETAILS SHOWN ON ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, CIVIL, AND STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT

C. DIMENSIONS TO BE CONFIRMED AND CORRELATED AT THE JOB SITE AND BETWEEN INDIVIDUAL DRAWINGS OR SETS OF DRAWINGS. TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION, INCLUDING EXCAVATION, SHORING, SCAFFOLDS, TEMPORARY BRACING, TEMPORARY CLIPS AND LUGS, ERECTION, TEMPORARY STRUCTURAL MEMBERS REQUIRED FOR SAFE ERECTION PROCEDURES, FORMWORK, AND ETC. 1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ITEMS AS REQUIRED PER CONSTRUCTION DOCUMENTS.
2. SUBMIT TWO SETS OF HARD COPIES AND ONE SET OF REPRODUCIBLES. ONE SET OF REDLINED HARD COPY WILL BE RETIIRNED TO TUE ACCUMENTS. SHOP DRAWING SUBMITTAL <u>DESIGN CRITERIA</u> CONTRACTORS SHALL REPORT ANY VARIATION IN THE FIELD CONDITIONS RELATIVE TO THE CONTRACT DOCUMENTS TO THE ARCHITECT PROMPTLY AND WORK SHALL NOT PROGRESS UNTIL WRITTEN PERMISSION IS OBTAINED FROM THE ARCHITECT. FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.
 FIELD LAYOUT, SHOP DETAILING, VERIFYING AND COORDINATING DIMENSIONS AND DETAILS SHOWN ON ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, CIVIL, AND STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER.
 DIMENSIONS TO BE CONFIRMED AND CORRELATED ON THE JOB SITE AND BETWEEN INDIVIDUAL DRAWINGS OR SETS OF DRAWINGS.
 FABRICATION PROCESSES, MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION, INCLUDING EXCAVATION, SHORING, SCAFFOLDS, TEMPORARY BRACING, TEMPORARY CLIPS AND LUGS, ERECTION, TEMPORARY STRUCTURAL MEMBERS REQUIRED FOR SAFE ERECTION PROCEDURES, FORMWORK, AND FTC CONTRACTORS SHALL ASSUME FULL RESPONSIBILITY, UNRELIEVED BY REVIEW OF SHOP DRAWINGS OR PERIODIC OBSERVATIONS OF CONSTRUCTION FOR: THE CONSTRUCTION DOCUMENTS ARE PREPARED BASED UPON THE STRUCTURE OF COMPLETED CONSTRUCTION. CONTRACTORS ARE RESPONSIBLE FOR THE STRUCTURAL STABILITY AT ALL INTERMEDIATE STAGES OF THE STRUCTURE DURING CONSTRUCTION PROCESS. DETAILS AND SECTIONS LABELED "TYPICAL" ON THE STRUCTURAL DRAWINGS APPLY TO SITUATIONS OCCURING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THE LOCATIONS SPECIFICALLY INDICATED, WHERE DETAILS OR SECTIONS ARE NOT INDICATED, THEY SHALL BE THE SAME AS OTHER SIMILAR CONDITIONS. CONTRACTORS ARE RESPONSIBLE FOR FIELD LAYOUT AND SHOP DETAILING. THE CONTRACTORS MUST VERIFY AND COORDINATE DIMENSIONS AND DETAILS SHOWN ON ARCHITECTURAL, MUST VERIFY AND COORDINATE DIMENSIONS AND DETAILS SHOWN ON ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, CIVIL AND STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER PROMPTLY. CONTRACTOR SHALL NOT PROCEED WITH FABRICATION, ERECTION, CONSTRUCTION OF THAT PORTION OF SHALL NOT PRIOR TO RESOLUTION OF DISCREPANCIES FROM THE ARCHITECT/ENGINEER. ETC.
COORDINATION OF THE WORK OF ALL TRADES, SAFE WORKING CONDITIONS ON THE JOB SITE, AND COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL CODE REQUIREMENTS INCLUDING OSHA REQUIREMENTS. COORDINATION OF THE WORK OF ALL TRADES, SAFE WORKING CONDITIONS ON THE JOB SITE, AND COMPLIANCE WITH ALL FEDERAL, STATE, AND LOCAL CODE REQUIREMENTS INCLUDING OSHA REQUIREMENTS. a. Dead Load: 25 PSF (INCLUDES SELF WEIGHT OF STRUCTURE)
b. LIVE LOAD: EITHER OF THE FOLLOWING (2) LOAD CONDITIONS
CONTROL THE DESIGN OF THE COMPONENT.
1. 20 PSF GROUND SNOW PLUS DRIFT WHERE APPLICABLE
2. 20 PSF LIVE LOAD MATE DESIGN WIND SPEED. ....15.0 PSF ...115 MPH :1:0 1. STANDARDS
A. ACI 318-08 BUILDING CODE REQUIREMENT FOR STRUCTURAL CONCRETE
B. ACI 301-05 SPECIFICATIONS FOR STRUCTURAL CONCRETE
C. ACI 315-99 DETAILS AND DETAILING OF CONCRETE REINFORCEMENT
D. ACI 347R-04 GUIDE TO FORMWORK FOR CONCRETE
E. ACI 304R-00 GUIDE FOR MEASURING, MIXING, TRANSPORTING AND PL
CONCRETE
F. ACI 309R-05 GUIDE FOR MEASURING, MIXING, TRANSPORTING AND PL
CONCRETE
G. ACI 308R-01 STANDARD PRACTICE FOR CURING CONCRETE
H. ACI 309R-05 GUIDE FOR CONSOLIDATION OF CONCRETE
G. ACI 308R-01 STANDARD PRACTICE FOR CURING CONCRETE
H. ACI 306R-10 COLD WEATHER CONCRETING
J. CONCRETE REINFORCING STEEL INSTITUTE (CRS), MANUAL OF STANDARD PRACTICITY OF THE FORMS WITH ACCESSORIES MUST FOLLOW THE ACI "DETAIL
DETAILING, FABRICATION, AND ERECTION FOR REINFORCING BARS AND I
SUPPORT IN THE FORMS WITH ACCESSORIES MUST FOLLOW THE ACI "DETAIL
DETAILING OF CONCRETE COVER OVER REINFORCEMENT SHALL BE PROVIDED AS I
UNLESS NOTED OTHERWISE:
A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH, SUCH AS
BOTTOM AND SIDES OF FOOTINGS.
FORMED FOUNDATION STEM WALLS, AND EXTERIOR FACE OF CONCRETE
WALLS.
CONCRETE EXPOSED TO WEATHER OR NOT IN CONTACT WITH GROUND:
1. SLABS, WALLS, JOISTS, INCLUDING INTERIOR FACE OF
BASEMENT WALLS.
STIRRUPS, AND SPIRALS.
STIRRUPS, AND SPIRALS.

STIRRUPS, AND SPIRALS.

TO A MAXIMUI
TO A 1. OWNER IS RESPONSIBLE FOR THE COSTS OF HAVING SPECIAL INSPECTIONS COMPER BY AN APPROVED AND QUALIFIED INSPECTION OR TESTINIC ACENCY, OWNER HAS TO DESIGNATE THE CENERAL CONTRACTOR AS COORDINATOR AND SCHEDULER SPECIAL INSPECTIONS SHALL BE PERFORMED PER CHAPTER 17 OF THE 2015 IBC.

3. THE INSPECTIONS SHALL BE PERFORMED OUALIFIED INSPECTION AND TESTINIC A ACCEPTABLE TO OWNER.

4. INSPECTION SHALL BE PERFORMED ON THE FOLLOWING AND ADDITIONAL INSPECTION SHALL BE PERFORMED ON THE FOLLOWING AND ADDITIONAL INSPECTION SHALL BE PERFORMED ON THE FOLLOWING AND ADDITIONAL INSPECTION SHALL BE PERFORMED ON THE FOLLOWING AND ACCORDANCE WITH THE PROJECT SOILS REPORT.

2. DURING CIPIL PLACEMENT AND COMPACTION. VERIFY MATERIAL APPROPRIATE, MAXIMUM LIFT THICKNESSES ARE IN ACCORDANCE WITH PROJECT SOILS REPORT.

3. INSPECTIOR SHALL VERIFY THAT IN PLACE DENSITY OF COMPACTED COMPLIES WITH THE PROJECT SOILS REPORT.

4. REINFORCING OF CONCRETE

1. REINFORCING OF CONCRETE

1. REINFORCING OF CONCRETE

1. REINFORCING OF REINFORCING STEEL.

3. CONCRETE FORWOORK FOR COMPLIANCE WITH APPROVED CONS DOCUMENTS AND ACI 318 SECTION 7.4, 7.5,7.6, 7.7.

4. DURING CONCRETING THE FOLLOWING INSPECTIONS SHALL BE MADE:

a. EVALULATION OF CONCRETE STRENGTH (ACI 318 SECTION S. 5).

b. INSPECTION FOR MADERITORIS STEEL STRENGTH (ACI 318 SECTION S. 5).

3. CONCRETION FOR MADITIONS SCIONS STALL BE MADE:

a. INSPECTION FOR MADITIONS STALL BE MADE:

b. LALL BE INSPECTION FOR MAINTENANCE OF PROPER CURING TEMPERATURE TECHNIQUES (ACI SECTIONS S. 1.1).

5. LALL BATERIALS (MASONRY CONSTRUCTION 1.4

3. CONSTRUCTION OF MATERIAL AND GROUT PER ACI SOIL SECTION 2.5.

4. DURING CONFECTED PER ACI SOIL SECTION 1.4

5. LANGUAGE PER ACI SOIL SECTION 3.5

6. APPLICATION OF MATERIAL AND SPACING OF REINFORCEMENT PER ACI SOIL SECTION 3.5

6. APPLICATION OF MATERIAL AND SPACING OF REINFORCEMENT PER SOIL THAT FOR MASONRY DURING COLD WEATHER (TEMPERATURE AD DECRETE) PER ACI SOIL SECTION 1.8

6. ANGUAGE PER ACI SOIL SECTION 3.2

6. ANGUAGE PER ACI SOIL SECTION 4.2 AND 5.4

6. ANGUAGE 1. CONTINUOUS WALL FOOTINGS HAVE BEEN PROPORTIONED FOR A NET ALL BEARING PRESSURE OF 1500 PSF. COLUMN FOOTINGS HAVE BEEN PROPORTIONET ALLOWABLE SOIL BEARING PRESSURE OF 1500 PSF. THE SOIL BEARING ARE BASED ON ABOVE NOTED GEOTECHNICAL REPORT AND SHALL BE VERY SITE BY A QUALIFIED GEOTECHNICAL ENGINEER BEFORE ANY FOUNDATION WO 2. BOTTOM OF ALL FOOTINGS MUST EXTEND 1'-6" INTO PRESENT GRADE "ENGINEERED FILL". EXTERIOR WALL/COLUMN FOOTINGS MUST EXTEND 2'-PROPOSED GRADE. CONCRETE FOUNDATION SPECIAL INSPECTIONS e. ANCHORAGE PER ACI 530.1 SECTION 1.0.

e. ANCHORAGE PER ACI 530.1 SECTION 4.2 AND 5.14.

4. INSPECTION OF WELDING OF REINFORCEMENT, GROUTING, CONSOLIDATION RECONSOLIDATION FOR BUILDINGS WITH A SEISMIC PERFORMANCE CATE OR HIGHER.

D. STEEL FABRICATOR SHOP INSPECTION

1. ALL STRUCTURAL STEEL FOR MATERIAL IDENTIFICATION, AND CONFOR TO ASTM SPECIFICATION.

2. SHOP INSTALLED BOLTS PER LATEST RCSC'S "SPECIFICATION STRUCTURAL BOLTS AND JOINTS USING A325 OR A490 BOLT CONFORMANCE TO PLANS.

3. WELD IN CONFORMANCE WITH AWS SPECIFICATIONS. FOR BUILDIN SEISMIC PERFORMANCE CATEGORY C OR HIGHER, ALL COMPLETE PEN GROOVE WELDS SHALL BE ULTRASONICALLY TESTED OR INSPECTED BAPPROVED METHODS. COLUMN SPICE WELDS SHALL BE ULTRASONICALLY TESTED OR INSPECTED BAPPROVED METHODS. COLUMN SPICE WELDS SHALL BE ULTRASONICALLY TESTED OR INSPECTED BAPPROVED METHODS. CONTROL PROCEDURES ALONG IMPLEMENTATION PROCEDURES. SPECIAL INSPECTIONS OF STRUCTURA IS NOT REQUIRED IF FABRICATOR MAINTAINS AN AGREEMENT WAPPROVED INDEPENDENT INSPECTION OR QUALITY CONTROL AGENCY.

E. FIELD INSPECTION FOR STRUCTURAL STEEL

1. ALL BOLTED CONNECTIONS PER RCSC'S "SPECIFICATION FOR STRUCTURA USING A325 OR A490 BOLTS".

2. ALL WELDED CONNECTIONS INCLUDING BUT NOT LIMITED TO STEEL COLUMNS, JOIST BEARING SEATS, STEEL ANGLES, BRACES, BRIE INSPECTION STEEL CONNECTIONS.

3. STEEL FRAME FOR COMPLIANCE VERIFICATION WITH DETAILS SHOT APPROVED CONSTRUCTION DOCUMENTS. THE MINIMUM CLEAR CONCRETE REQUIREMENTS APPLIES TO THE LONGITUDINA THE REINFORCEMENT AS WELL AS THE ENDS OF THE REINFORCEMENTS.
ALL POURED IN PLACE CONCRETE SHALL BE READY—MIXED AND HAULED IN WITH ASTM C94 WITH THE DELETION OF REFERENCE FOR ALLOWING ADDITION. BE ADDED TO BATCH FOR MATERIAL WITH INSUFFICIENT SLUMP. ADDITION TO THE BATCH WILL NOT BE PERMITTED. SOIL CONDITION AND PREPARATION LONG WITH TURAL SHOP T WITH AN LDING IN PENETRATION BY OTHER RASONICALLY PER ACI CORNERS AND INTERSECTIONS OF CONCRETE WALLS, DOTINGS TO MATCH HORIZONTAL REINFORCING.

JOWELS AT 8" CENTERS AT DOORS UNLESS NOTED NG BARS AND CEMENT ARE ACCEPTABLE.

M A615-GRADE 60 DEFORMED STEEL, U.N.O. WELDED
ASTM A185. WELDED WIRE FABRIC MUST LAP 2" AT
RED TOGETHER.

PLUMBING, ELECTRICAL, FIRE PROTECTION, AND
REFERRED TO FOR ALL FLOOR REQUIREMENTS AND THE
E FOR THE PLACING OF SLEEVES, OUTLETS BOXES, GRADE AT ALL REENTRANT SHALL COMPLY WITH AWS D1.1 FOR PROCEDURES, WELDS AND METHODS USED IN CORRECTING WELDING AND STEEL FABRICATOR INSTALLATION OTHER DEVICES FOR MASONRY AND MANUFACTURER TO MANUFACTURE AND LOAD TABLES. MMENDATIONS OF SJI'S "STANDARD FOR STEEL JOISTS AND JOIST DATA AND ACCESSORY DATA SHOP DRAWING SUBMITTAL IS AND CONNECTIONS AND CONDITIONS: D1.3. RECOMMENDED IN OF AWS D1.1 L WELDING FOR OTHER DAMAGE HE SPAN. IE SPAN. SPAN. LOAD OF STANDARD OR USE AND TO
CTOR IS
CTOR IS
D BRACING
E SUBJECTED
SHALL BE
SNALL BE
SNALL BE
SNALL BE
ON AS
TENING OR
TENING OR E A (ASTM THREADED R RCSC'S BOLTS". R WASHERS GENCY TO L SUBMIT SINEER OF VING: NS FOR MASONRY WITH SJI DS AND TION. OF STEEL FEDERAL
MEETING
UIRED BY
ALL LOOSE
STS AND
RDS: HAND
QUIRED TO
VOT PAINT H HE ODUCTS ER THAN NO NMO NUTS AND ENCY'S AGENCY. ERIAL AND RDING TO BOLTS". ND QUALITY TURN-OF-AND/OR I. CONTRACTOR AND METAL DECK SUPPLIER SHALL SUBMIT THE FOLLOWING:
A. PRODUCT DATA
B. MANUFACTURING CERTIFICATES
C. SHOP DRAWINGS PROVIDING THE FOLLOWING:
1. LAYOUT AND TYPES OF DECK PANELS
2. ANCHORAGE DETAILS
3. REINFORCING CHANNELS AND PANS
4. DECK OPENINGS METAL DECK MASONRY VENEER CONTRACTOR SHALL HIRE A QUALIFIED INDEPENDENT TESTING AGENCY TO PERFORM QUALITY CONTROL TESTING FOR JOIST INSTALLATION. TESTING AGENCY SHALL PROVIDE WRITTEN REPORTS PROMPTLY TO CONTRACTOR AND ARCHITECT. CONTRACTOR SHALL FIX OR REPAIR ALL DEFICIENCIES FOUND DURING TESTING AND TESTING AGENCY SHALL RE-INSPECT WORK. B. SPACE, ADJUST, AND ALIGN JOISTS ACCURATELY IN LOCATION BEFORE
PERMANENTLY FASTENING.

C. INSTALL TEMPORARY BRACING AND BRIDGING, CONNECTIONS AND ANCHORS TO
INSURE JOISTS ARE STABILIZED DURING CONSTRUCTION.

CONTRACTOR SHALL FIELD WELD JOISTS TO SUPPORTING STEEL FRAMEWORK AND STEEL
BEARING PLATES. COORDINATE WELDING SEQUENCE AND PROCEDURE WITH THE PLACING
OF JOISTS. ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS AND COMPLY WITH
THE LATEST AWS REQUIREMENTS FOR QUALITY OF WELDS AND METHODS USED IN
CORRECTING WELDING STEEL FRAMEWORK USING CARBON STEEL BOLTS, UNLESS
OTHERWISE INDICATED.
BOLT JOISTS TO SUPPORTING STEEL FRAMEWORK USING CARBON STEEL BOLTS, UNLESS
OTHERWISE INDICATED ON STRUCTURAL DRAWINGS OR JOIST SHOP DRAWINGS. THE
BOLTS WHERE INDICATED ON STRUCTURAL DRAWINGS OR JOIST SHOP DRAWINGS. THE
INSTALLATION ON THE HIGH-STRENGTH BOLT PER RESEARCH COUNCIL ON STRUCTURAL
CONNECTIONS' (RCSC) "SPECIFICATION FOR STRUCTURAL BOLT INSTALLATION AND
TIGHTENING REQUIREMENTS.

INSTALL AND CONNECT BRIDGING CONCURRENTLY WITH THE JOIST ERECTION, BEFORE
CONSTRUCTION LOADS ARE APPLIED. ANCHOR ENDS OF BRIDGING LINES AT TOP AND
BOTTOM CHORDS WHERE TERMINATING AT WALLS OR BEAMS PER JOIST MANUFACTURER'S
DETAILS. AT MASONRY VENEER WITH METAL OR WOOD STUD BACKUP USE DW10 BY HOHMANN BARN OR D/A 213 BY DUR-O-WALL. VENEER ANCHORS SHALL BE ANCHORED DIRECTLY METAL OR WOOD STUDS. ANCHOR SPACING SHALL BE ADJUSTED TO STUD SPACING. MASONRY VENEER ANCHORS SHALL BE ATTACHED DIRECTLY TO WOOD STUDS WITH 8 COMMON CORROSION RESISTANT NAIL (I.E. GALVANIZED)

MASONRY VENEER ANCHORS SHALL BE ATTACHED DIRECTLY TO METAL STUD WITH #10 CALVANIZED SCREWS. PROVIDE VERTICAL CONTROL JOINTS IN MASONRY WALL AT 20'-0" O.C. MAXIMUM UNLESS NOTED OTHERWISE. PROVIDE REINFORCED GROUTED CELL ON BOTH SIDES OF THE CONTROL JOINT. CONTRACTOR SHALL COORDINATE CONTROL JOINT LOCATIONS WITH ARCHITECTURAL DRAWINGS.

BOND BEAM REINFORCEMENT SHALL BE CONTINUOUS THROUGH VERTICAL CONTROL JOINTS. 2. ANCHORAGE DETAILS

2. ANCHORAGE DETAILS

3. REINFORCING CHANNELS AND PANS

4. DECK OPENINGS

5. SPECIAL JOINTING ACCESSORIES

6. ATTACHMENTS TO OTHER UNITS

6. ATTACHMENTS TO OTHER UNITS

7. SPECIAL JOINTING ACCESSORIES

8. SPECIAL METAL DECK USING CERTIFIED WELDERS AND COMPLY WITH ITRACTOR SHALL INSTALL MELDING CODE FOR SHEET STEEL."

9. AWS D1.3 "STRUCTURAL WELDING CODE FOR SHEET STEEL."

10. AWS D1.3 "STRUCTURAL WELDING CODE FOR SHEET STEEL."

11. APPLICABLE PROVIDE VALID QUALIFICATION CERTIFICATES FOR ALL WELDERS.

12. APPLICABLE PROVIDE VALID QUALIFICATION CERTIFICATES FOR ALL WELDERS.

13. TRACTOR SHALL PROVIDE VALID QUALIFICATION CERTIFICATES FOR ALL WELDERS.

14. APPLICABLE FOR STEEL TO THOSE FOR STEEL TO THOSE FOR STEEL CONFORMING INSTANCE PER ASTM E119 BY A TESTING DINSPECTION AGENCY PERFORMING TESTING AND FOLLOW-UP SERVICES, THAT IS SEPTABLE TO AUTHORITIES HAVING JURISDICTION.

15. SEPTABLE TO AUTHORITIES HAVING JURISDICTION.

16. STIPPE AND GAGE SHOWN ON THE PLANS.

17. DECK SHALL ROLLED FROM GALVANIZED SHEET STEEL CONFORMING TO ASTM A446, ADE A WITH A G60 GALVANIZED COATING ACCORDING TO ASTM A525 UNLESS OTHERWISE TIFP ANUFACTURER SHALL PROVIDE MANUFACTURER'S STANDARD BEYEL ENDS OR SLOPED HOES WHEN JOIST SLOPE EXCEEDS 1/4 INCH IN 12 INCHES (1:48).

NUFACTURER SHALL PROVIDE BEDICING ANCHORS AND NUMBER OF ROWS OF HORIZONTAL RIDGING OR DIAGONAL BRIDGING OF MATERIAL, SIZE AND TYPE REQUIRED BY SJI'S "PECIFICATIONS" FOR TYPE OF JOIST, CHORD SIZE, SPACING AND SPAN. ANUFACTURER SHALL PROVIDE END CONNECTION DETAILS AS REQUIRED BY SJI'S "PECIFICATIONS" FOR TYPE OF JOIST, CHORD SIZE, SPACING AND SPAN. ANUFACTURER SHALL PROVIDE END CONNECTION DETAILS AS REQUIRED FOR CONNECTING RIDGING TO MASONRY WALL, CONCRETE WALL OR STEEL AS REQUIRED FOR CONNECTING RIDGING TO SJI REQUIREMENTS. ANUFACTURER SHALL PROVIDE CELLING EXTENSIONS, EITHER EXTENDED BOTTOM CHORD EMENTS OR A SEPARATE EXTENSION UNIT OF SUFFICIENT STRENGTH TO SUPPORT ILLING CONSTRUCTION. WITH CONTRACTOR SHALL SAMINE SUPPORTING SUBSTRATES, EMBEDDED BEARING PLATES AND UTTING STRUCTURAL FRAMING, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH THE PROMECTING SHALL NOT INSTALL ADDITIONS HAVE BEEN CORRECTED. TALLATION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. TO SUPPORT INFORMANCE OF THE JOISTS. CONTRACTOR SHALL NOT INSTALL JOISTS AND ACCESSORIES PLUMB, SOUARF AND SCIENCATIONS OF STEEL AND SCURED.

ESCURRELY FASTEN TO SUPPORTING SUPPORTING SUPPORTING SUPPORTING SUPPORTING SUPPORTING SUPPORTING CONSTRUCTION IS IN SCIENCAL JOISTS AND ACCESSORIES PLUMB, SOUARF AND SCIENCAL TO SUPPORTING SUPPO CONTRACTOR SHALL PREPARE AND REPAIR ALL DAMAGED GALVANIZED COATINGS ON BOTH SURFACES WITH GALVANIZED REPAIR PAINT ACCORDING TO ASTM A780 AND MANUFACTURER'S INSTRUCTIONS. TRACTOR SHALL GROUT FULLY BEHIND ALL VENEERS BELOW GRADE TRACTOR SHALL GROUT SOLID BELOW BASE FLASHING. TURER SHALL DESIGN AND PROVIDE ALL NECESSARY ACCESSORIES FOR ROOF AND PENINGS AND PANEL EDGES.

ICK SHALL BE INSTALLED ACCORDING TO APPLICABLE SPECIFICATIONS AND FARY OF SDI PUBLICATION NO. 28 AND MANUFACTURERS RECOMMENDATIONS, AND LOWING REQUIREMENTS:

ICE PANELS ON SUPPORTING FRAMING AND ADJUST TO FINAL POSITION WITH DISTANCE ACCURATELY ALIGNED AND BEARING ON SUPPORTING FRAMING BEFORE BEING AMANENTLY FASTENED.

ITRACTOR SHALL STRETCH OR CONTRACT SIDE LAP INTERLOCKS. TOR SHALL INSTALL JOISTS AND ACCESSORIES PLUMB, SQUARE AND TRUE TO ECURELY FASTEN TO SUPPORTING CONSTRUCTION ACCORDING TO SJI'S ATIONS, JOIST MANUFACTURER'S RECOMMENDATIONS AND THE FOLLOWING: JRE INSTALLATION, SPLICE JOISTS DELIVERED TO PROJECT SITE IN MORE N ONE PIECE. . ME IG WELDING WORK.

ALL NECESSARY ROOF ACCESSORIES PER MANUFACTURER'S IDATIONS. THESE ITEMS INCLUDE SUMP PANS, SUMP PLATES, RIDGE AND ATES, FINISH STRIPS, COVER PLATES, END CLOSURES AND REINFORCING NCHORS SHALL BE ADJUSTABLE, CORROSION RESISTANT (I.E. GALV.), NCHORS SHALL BE ADJUSTABLE, CORROSION RESISTANT (I.E. GALV.), TO LATEST ACI 530. CORRUGATED TIES SHALL NOT BE USED DUE TO TO LATEST ACI 530. CORRUGATED TIES SHALL NOT BE SPACED PER WALL SECTION REQUIREMENTS WITH THE MUMS AND MAXIMUMS:

SHALL BE LOCATED WITHIN 12" OF ALL EDGES OF OPENINGS.

SHALL NOT BE SPACED MORE THAN 16" O.C. VERTICALLY.

SHALL NOT BE SPACED MORE THAN 16" O.C. HORIZONTALLY.

SHALL PROVIDE 3/16" WEEP HOLES AT MAXIMUM 32" O.C. AT FLASHING STRETCH OR CONTRACT SIDE LAP INTERLOCKS.

FLAT AND SQUARE AND FASTEN TO SUPPORTING FRAMING FLAT AND SQUARE AND FASTEN TO SUPPORTING FRAMING DEFLECTION.

D NEATLY FIT DECK PANELS AND ACCESSORIES AROUND REATLY FIT DECK PANELS AND ACCESSORIES AROUND REATLY OF WELDS, AND METHODS USED IN ARANCE AND QUALITY OF WELDS, AND METHODS USED IN A WORK. WELDS METHODS USED IN CORRECTING WELDING WORK.
JOISTS WITH SJI TYPE S TOP CHORD EXTENSIONS WHERE SHOWN
GS. TOP CHORD EXTENSIONS SHALL COMPLY WITH SJI'S D TABLES. JOISTS WITH SJI TYPE R EXTENDED ENDS WHERE SHOWN ON BEARING END EXTENSIONS SHALL COMPLY WITH SJI'S WITH 8d

PROJECT NUMBER: 20034.00

CD PROGRESS SET



#### **USED CAR BUILDING** RENOVATIONS

ESS

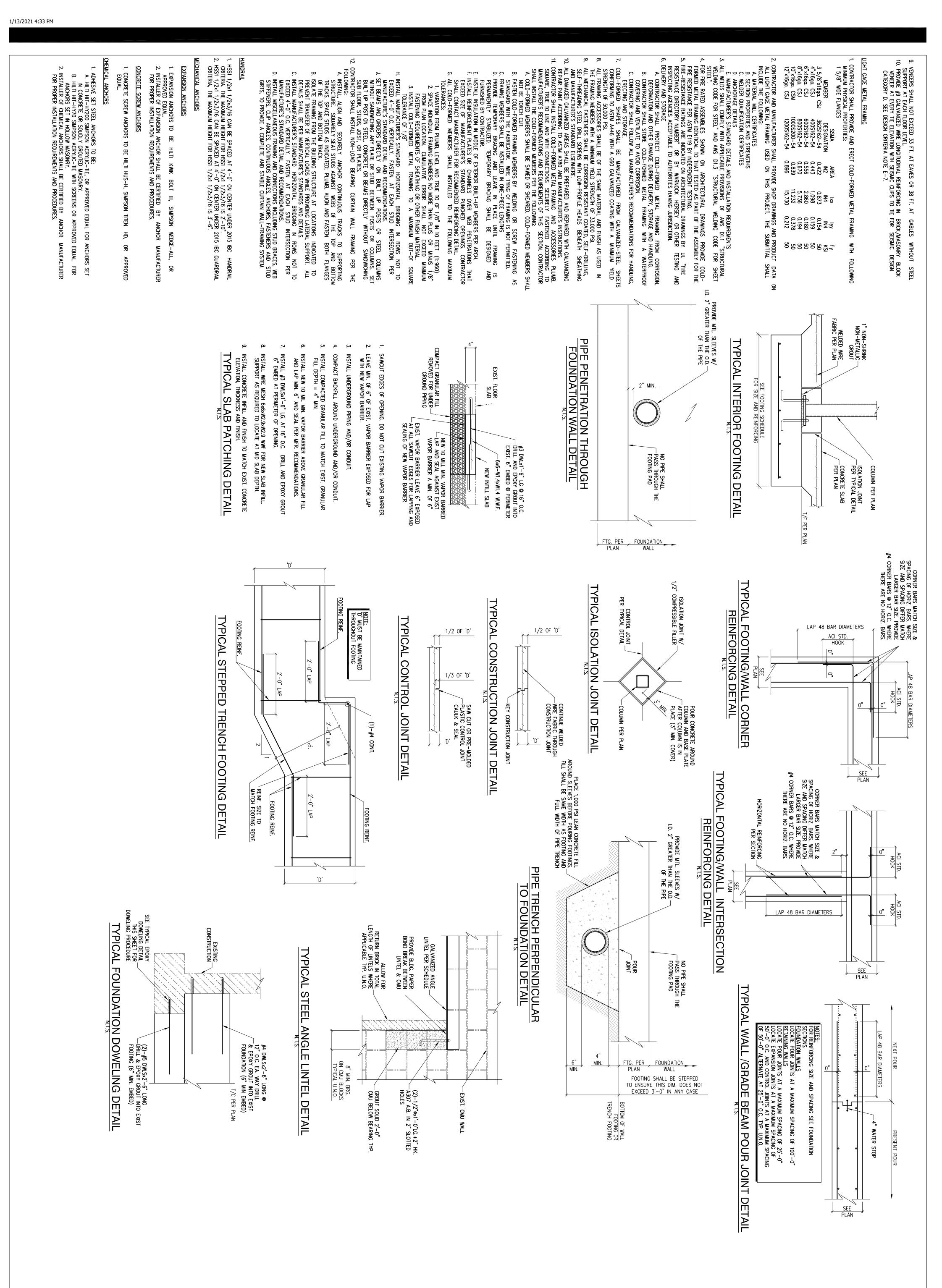
5655 S LINDBERGH BLVD ST. LOUIS, MO, 63123

CONTRACTOR:
REICON CONSTRUCTORS
info@reiconconstructors.com
314-645-6363

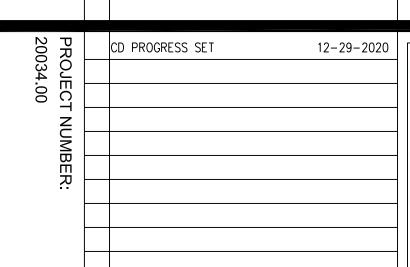
NOT FOR CONSTRUCTION

STRUCTURAL GENERAL NOTES

STRUCTURAL ENGINEER:
SUMMIT ENGINEERING
GROUP LLC ARCHITECTURE, INC ARCHITECT:
ZWICK + GANDT info@zgarch-stl.com ph: 314-962-9292



### PROGRESS SET NOT FOR CONSTRUCTION





## USED CAR BUILDING RENOVATIONS

5655 S LINDBERGH BLVD ST. LOUIS, MO, 63123 directed the preparation of the material shown only on this sheet. Other drowings and documents not exhibiting this seal shall not be considered prepared by or the responsibility of the undersigned.

Copyright © 2020 Summit Engineering Group LLC

ARCHITECT:

ZWICK + GANDT

ARCHITECTURE, INC

info@zgarch-stl.com
ph: 314-962-9292

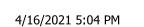
CONTRACTOR:

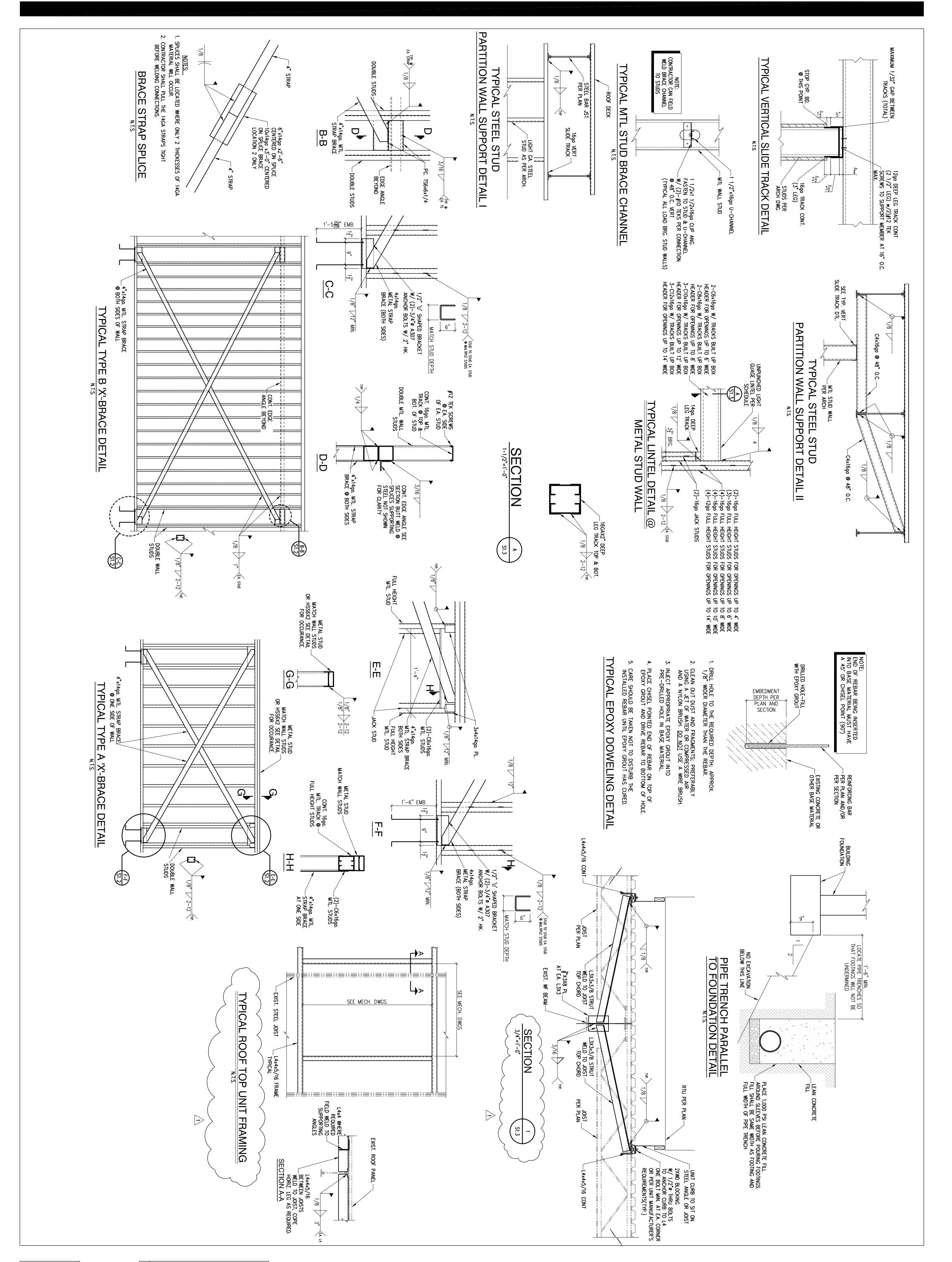
REICON CONSTRUCTORS

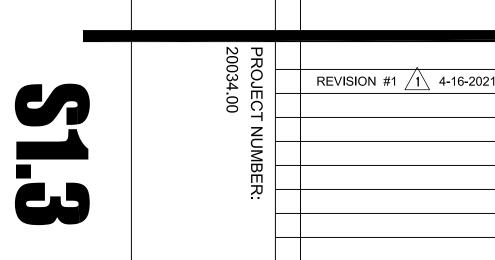
info@reiconconstructors.com
314-645-6363

STRUCTURAL ENGINEER:
SUMMIT ENGINEER:
SUMMIT ENGINEERING
GROUP LLC

eng@summit-engg.com
314-325-4899









## USED CAR BUILDING RENOVATIONS

5655 S LINDBERGH BLVD ST. LOUIS, MO, 63123 CONTRACTOR:
REICON CONSTRUCTORS
info@reiconconstructors.com
314-645-6363
STRUCTURAL ENGINEER:
SUMMIT ENGINEERING
GROUP LLC
eng@summit-engg.com
314-325-4899

Copyright © 2020 Summit Engineering Group LU

ARCHITECT:

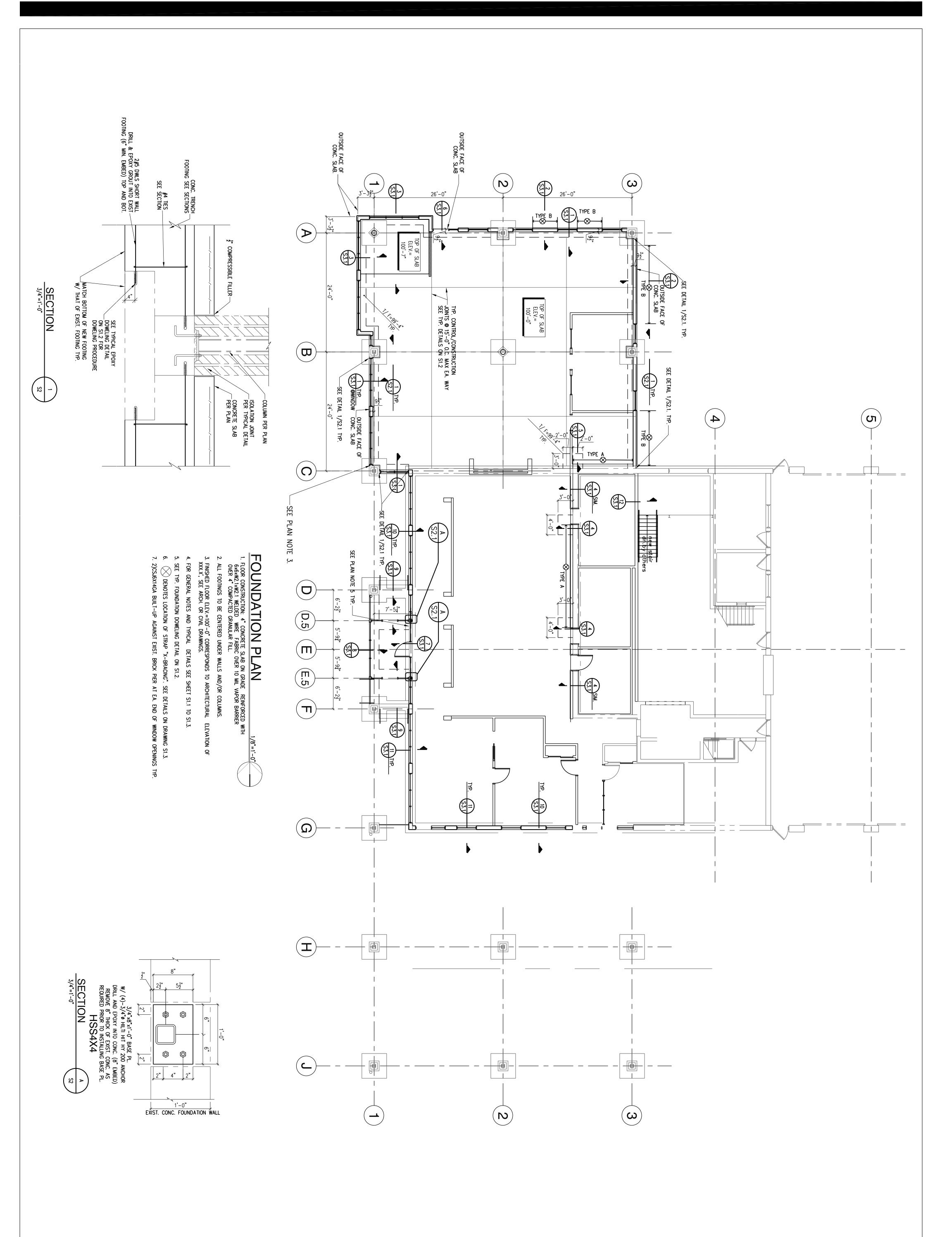
ZWICK + GANDT

ARCHITECTURE, INC

info@zgarch-stl.com
ph: 314-962-9292

CONTRACTOR:





# PROJECT NUMBER: Buick - GMC WE ARE PROFESSIONAL GRADE WE ARE PROFESSIONAL GRADE

## USED CAR BUILDING RENOVATIONS

5655 S LINDBERGH BLVD ST. LOUIS, MO, 63123 The Professional engineer seal officed to this sheet indicates that the named Engineer has prepared or directed the preparation of the malerial shown only on this sheet. Other drawings and documents not exhibiting this seal shall not be considered prepared by or the responsibility of the undersigned.

Copyright © 2020 Summit Engineering Group LLC

ARCHITECT:

ZWICK + GANDT

ARCHITECTURE, INC

info@zgarch-stl.com
ph: 314-962-9292

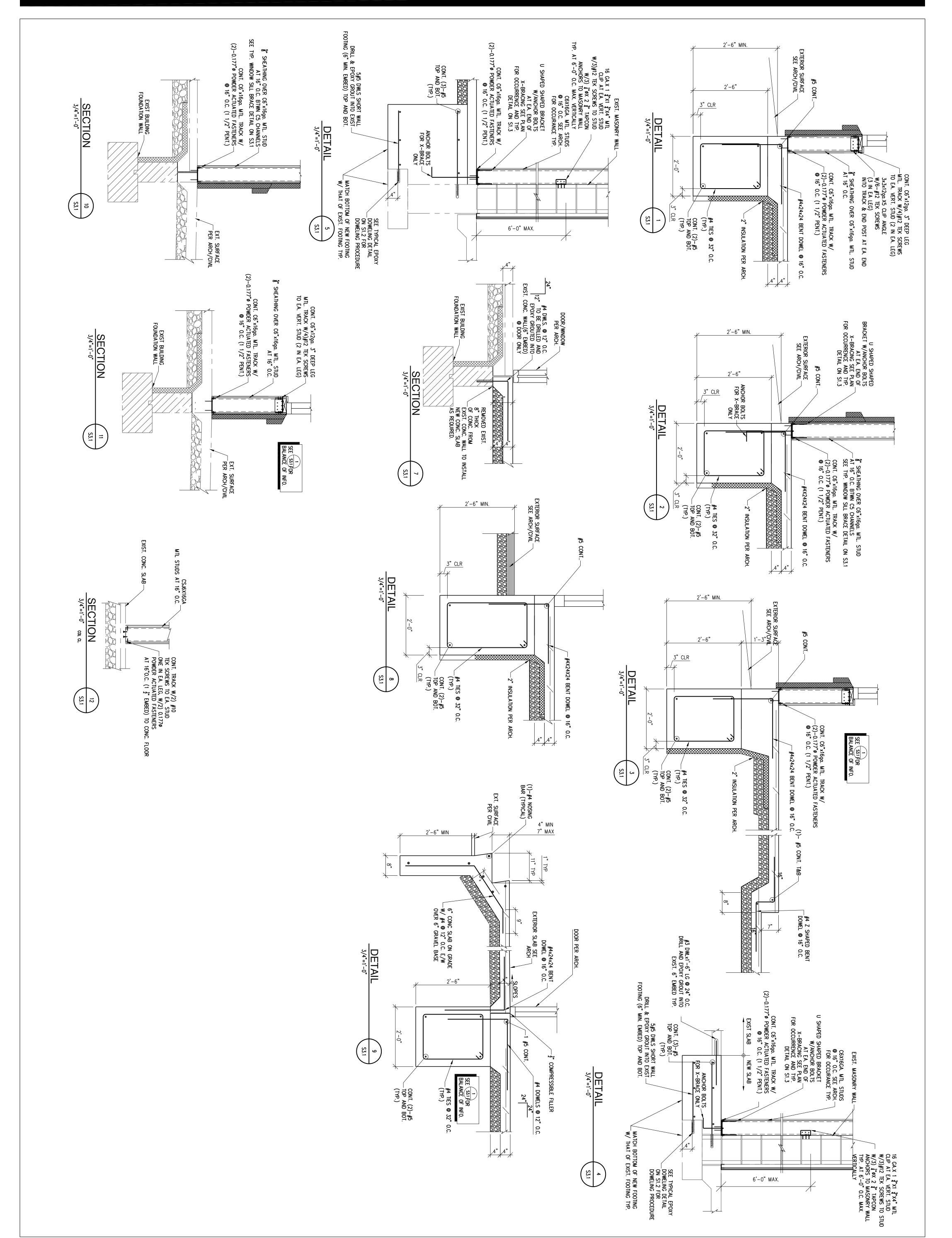
CONTRACTOR:

REICON CONSTRUCTORS
info@reiconconstructors.com
314-645-6363

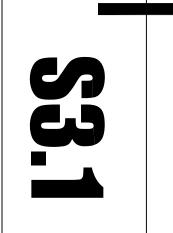
STRUCTURAL ENGINEER:
SUMMIT ENGINEERING
GROUP LLC

eng@summrit-engg.com
314-325-4899





#### NOT FOR CONSTRUCTION



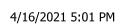
PROJECT NUMBER: 20034.00

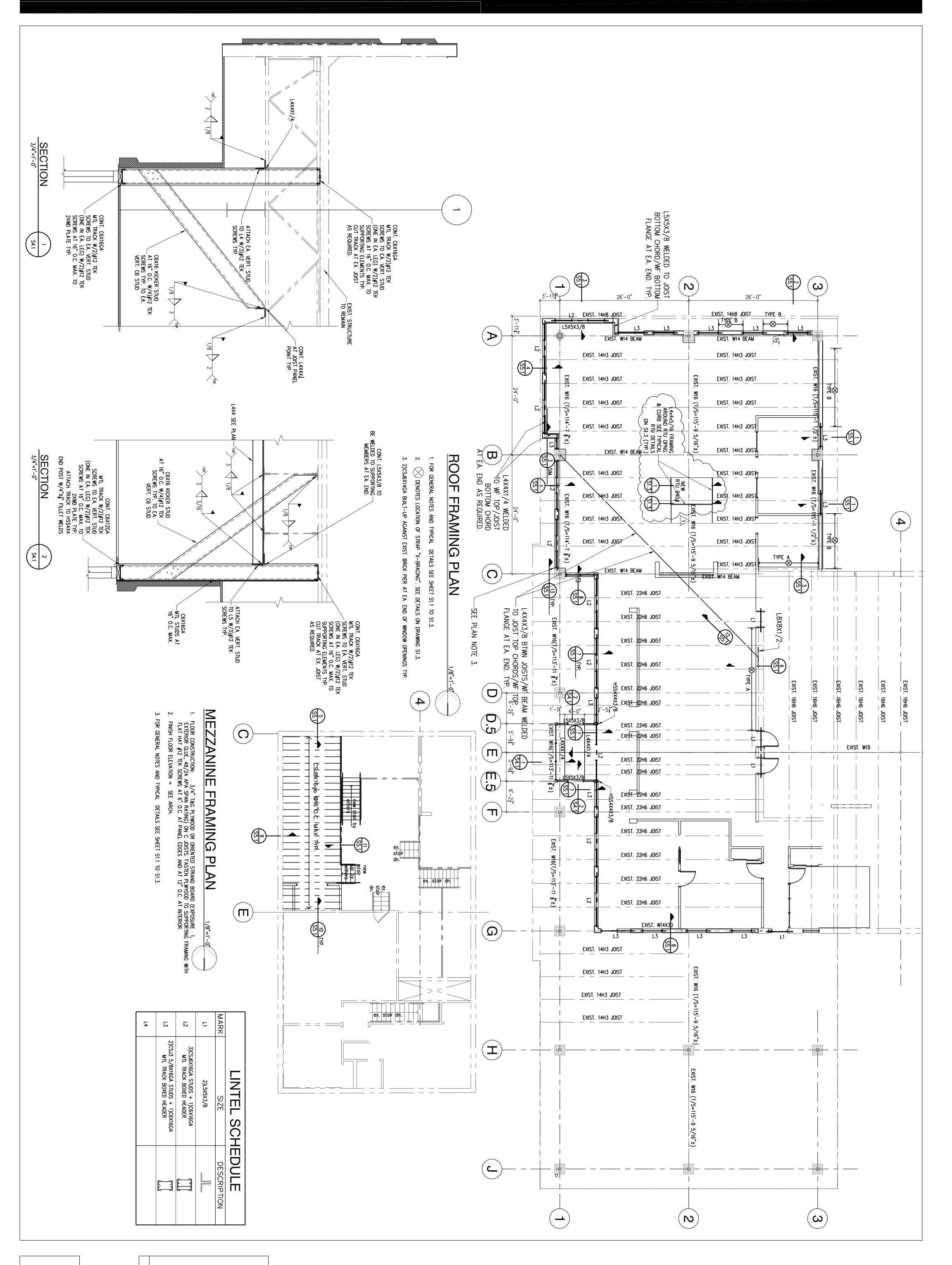


#### **USED CAR BUILDING RENOVATIONS**

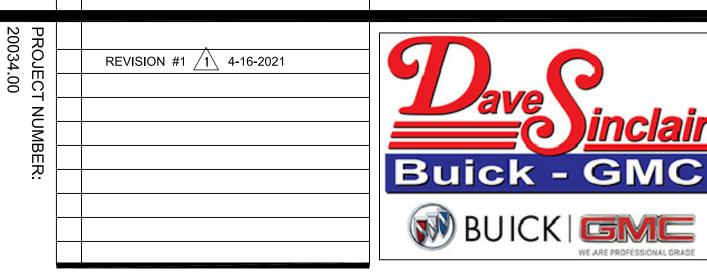
5655 S LINDBERGH BLVD ST. LOUIS, MO, 63123

ARCHITECT:
ZWICK + GANDT
ARCHITECTURE, INC CONTRACTOR:
REICON CONSTRUCTORS
info@reiconconstructors.com
314-645-6363 STRUCTURAL ENGINEER:
SUMMIT ENGINEERING
GROUP LLC eng@suriii.ii-c 314-325-4899 info@zgarch-stl.com ph: 314-962-9292









## USED CAR BUILDING RENOVATIONS

5655 S LINDBERGH BLVD ST. LOUIS, MO, 63123 ARCHITECT:

ZWICK + GANDT

ARCHITECTURE, INC

info@zgarch-stl.com
ph: 314-962-9292

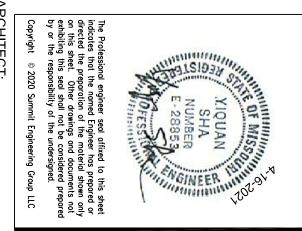
CONTRACTOR:

REICON CONSTRUCTORS

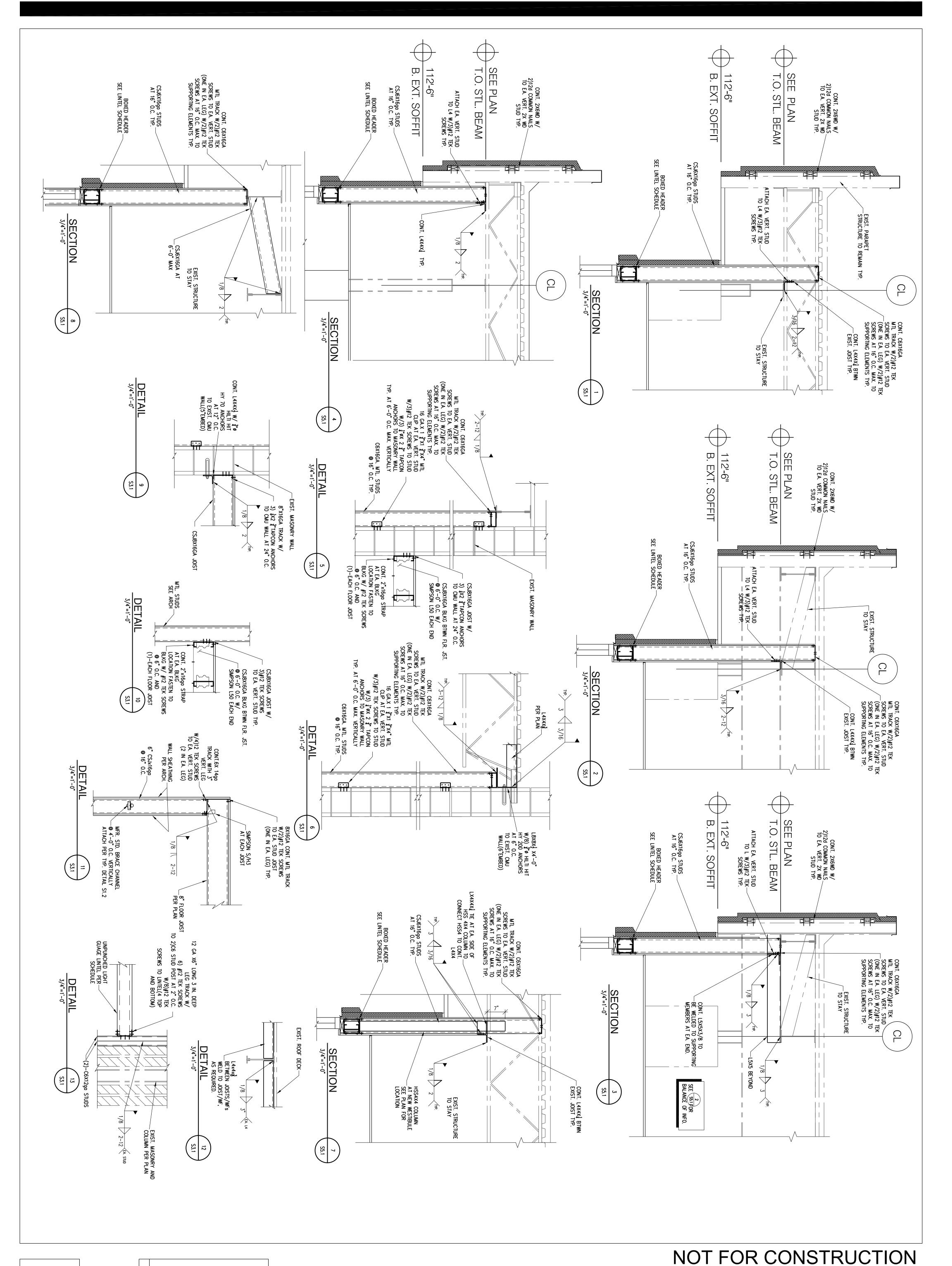
info@reiconconstructors.com
314-645-6363

STRUCTURAL ENGINEER:
SUMMIT ENGINEERING
GROUP LLC

eng@summit-engg.com







PROJECT NUMBER: 20034.00



#### **USED CAR BUILDING RENOVATIONS**

5655 S LINDBERGH BLVD ST. LOUIS, MO, 63123

CONTRACTOR:
REICON CONSTRUCTORS
info@reiconconstructors.com
314-645-6363 STRUCTURAL ENGINEER:
SUMMIT ENGINEERING
GROUP LLC info@zgarch-stl.com ph: 314-962-9292

ARCHITECT:
ZWICK + GANDT
ARCHITECTURE, INC