

PROJECT: ADDITION TO INTERSTATE HARDWARE & SUPPLY  
 1601 S. OHLMAN  
 MITCHELL, SD

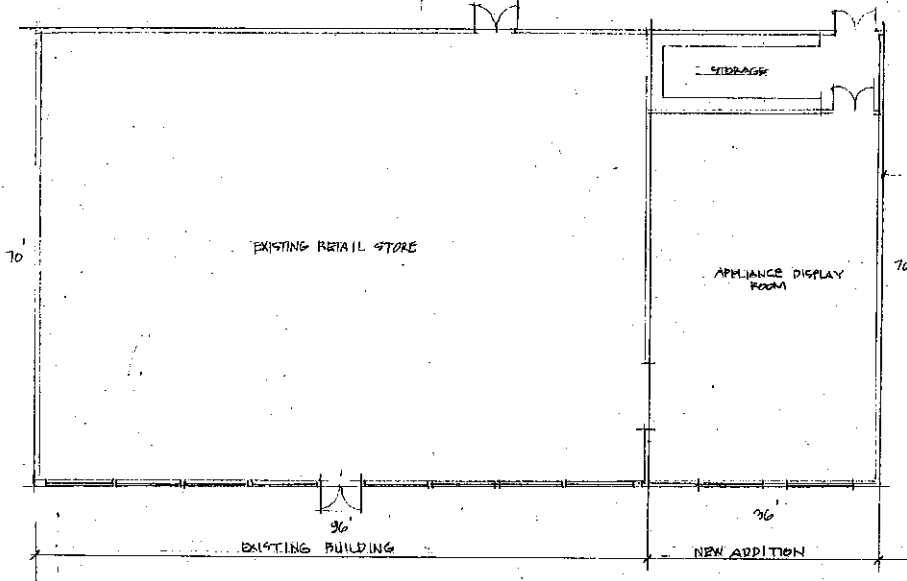
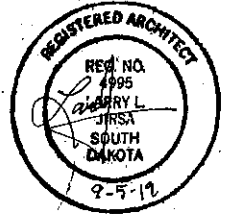
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DRAWING INDEX

SHEET NO.	SHEET TITLE
DS-1	COVER SHEET
S-1	FOUNDATION PLAN & DETAILS
A-1	FLOOR PLAN
A-2	EXTERIOR ELEVATIONS
A-3	ROOF TRUSS PLAN & DETAILS
A-4	WALL SECTIONS
A-5	REFLECTED CEILING PLAN
E-1	ELECTRICAL PLAN

2012 IPC CODE REVIEW

TYPE VB CONSTRUCTION - UNSPRINKLERED  
 ALLOWABLE SF - 9,000 SF / STORY,  
 2 STOREYS ALLOWED FOR B OCCUPANCY TYPE  
 AREA INCREASE ALLOWED DUE TO FRONTAGE = 75%  
 OR 6,750 SF.  
 MAXIMUM ALLOWABLE SF = 15,750 SF.



PLAN

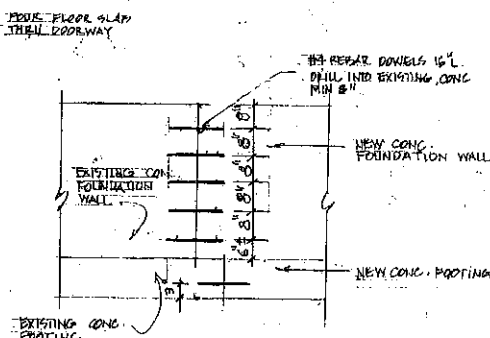
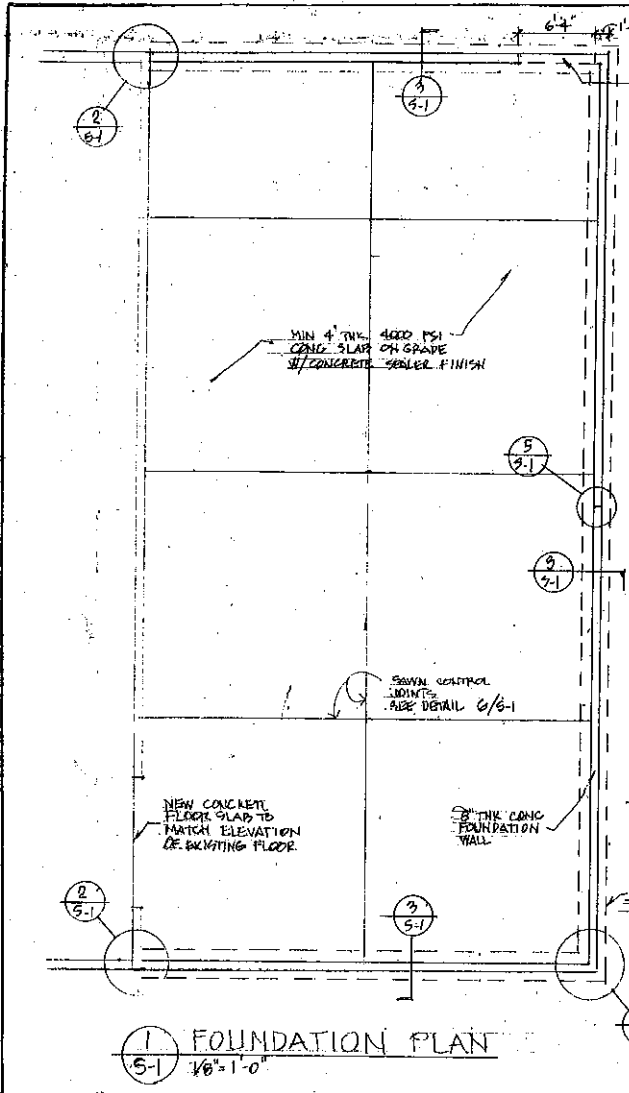
1/16" = 1'-0"



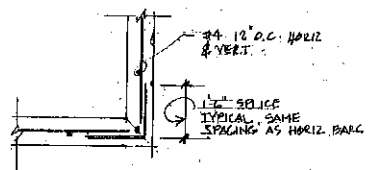
BUILDING DATA - SINGLE STORY

EXISTING SF - 6,720  
 NEW ADDITION SF - 2,520  
 TOTAL SF - 9,240

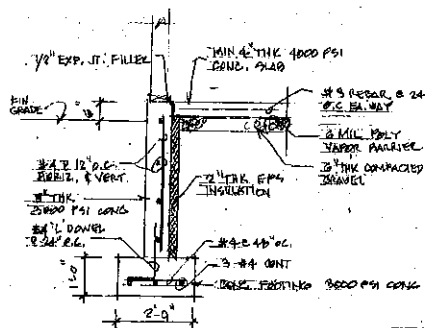
OCCUPANCY TYPE - B UNSPRINKLERED  
 CONSTRUCTION TYPE - S/D



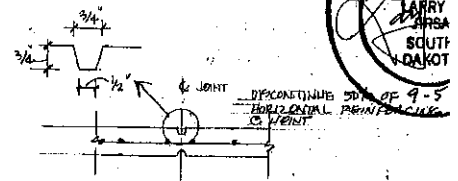
2 ELEVATION  
3/8" = 1'-0"



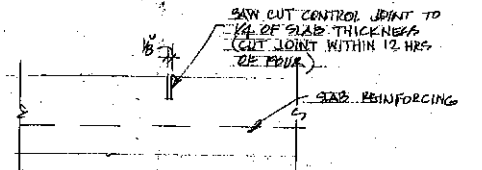
4 OUTSIDE CORNER REINFORCING PLAN  
3/8" = 1'-0"



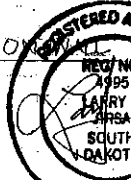
3 SECTION @ TYPICAL FOUNDATION  
3/8" = 1'-0"

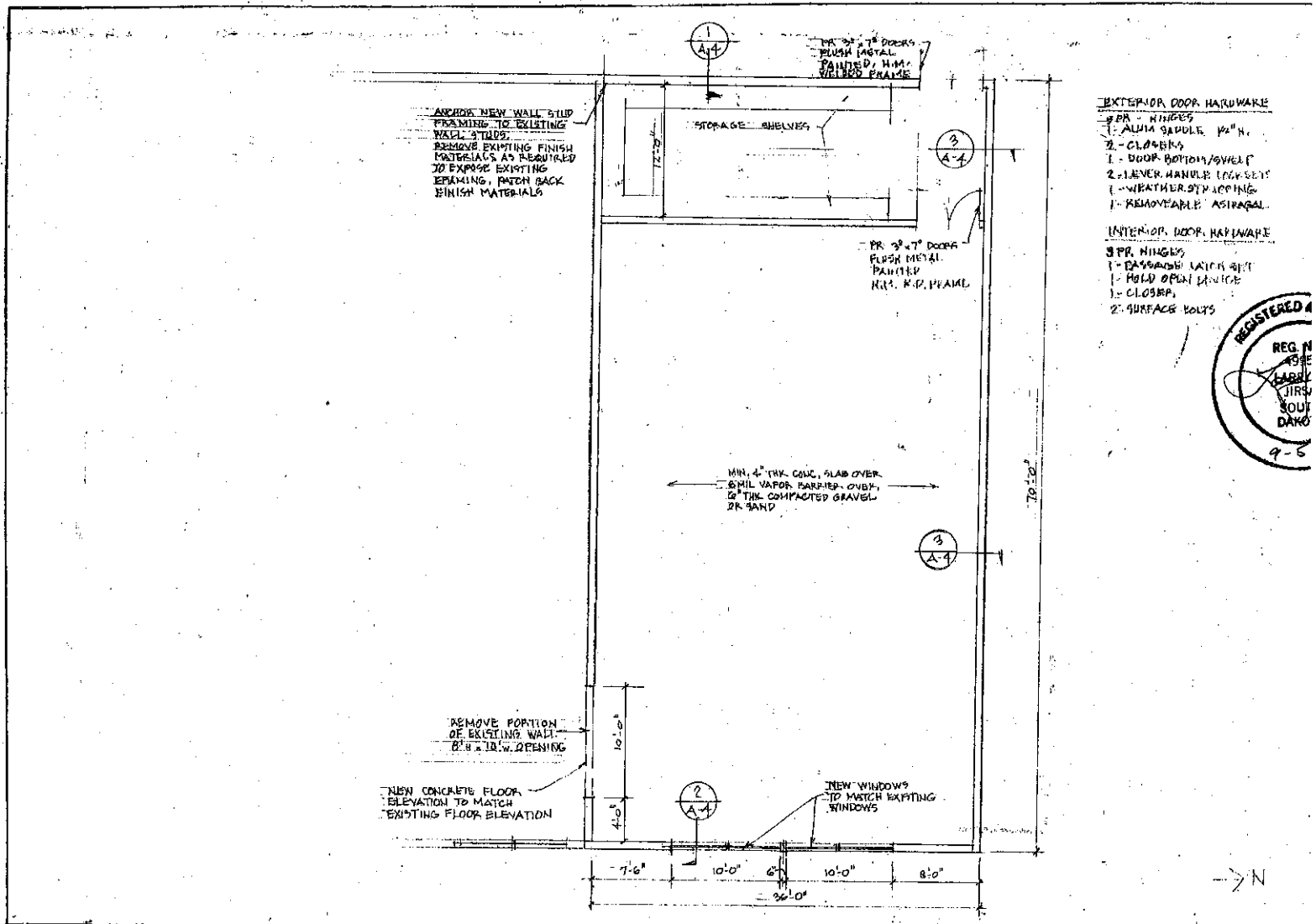


5 TYPICAL WALL CONTROL JOINT  
3/8" = 1'-0" (FACE @ 40" O.C. MAX)



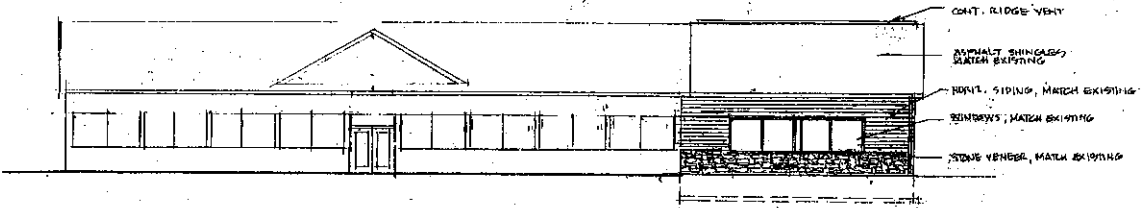
6 SAW-CUT CONTROL JOINTS  
NO SCALE





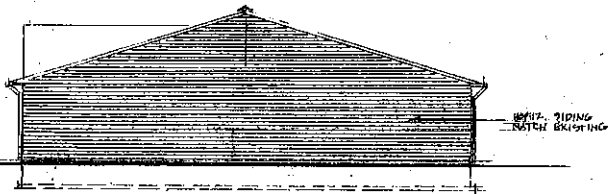
- EXTERIOR DOOR HARDWARE**
- 3 PR. HINGES
  - 1 ALUM. HANDLE 1 1/2" H.
  - 2 CLOSERS
  - 1 DOOR BOTTOM/SWEEP
  - 2 LEVER HANDLE LOCK SETS
  - 1 WEATHER STRIPPING
  - 1 REMOVABLE ASTRAEGAL

- INTERIOR DOOR HARDWARE**
- 3 PR. HINGES
  - 1 BASSWOOD LATCH SET
  - 1 HOLD OPEN DEVICE
  - 1 CLOSER
  - 2 SURFACE BOLTS



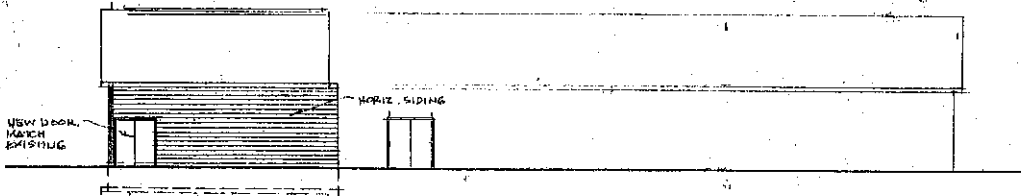
EAST ELEVATION

1/16" = 1'-0"



NORTH ELEVATION

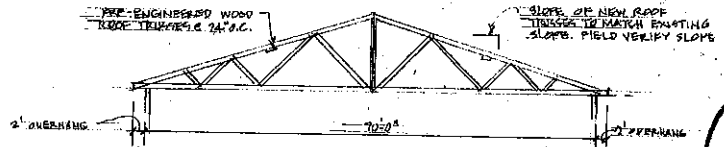
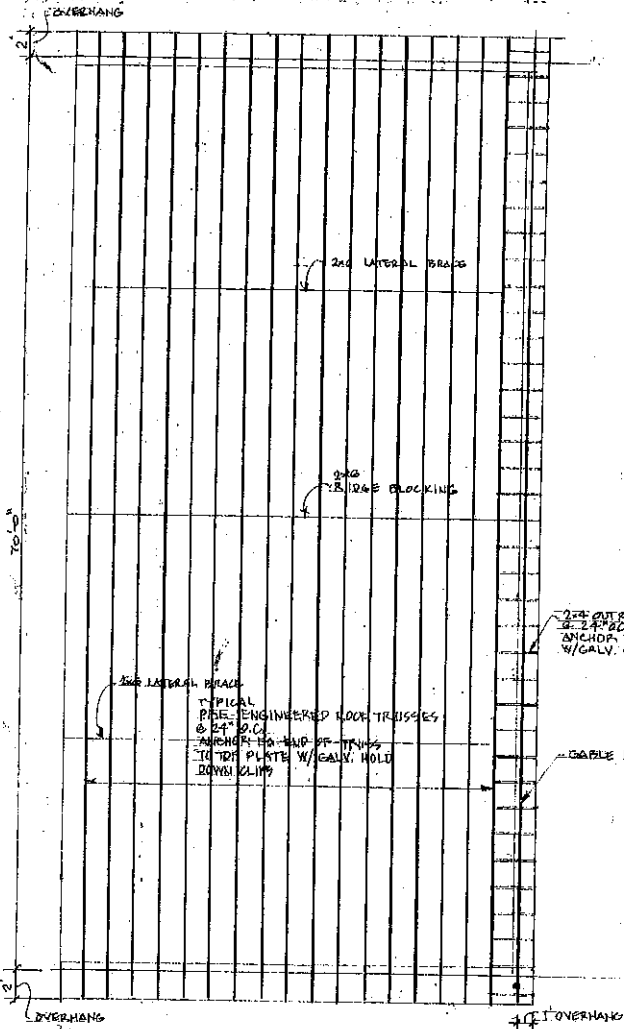
1/16" = 1'-0"



WEST ELEVATION

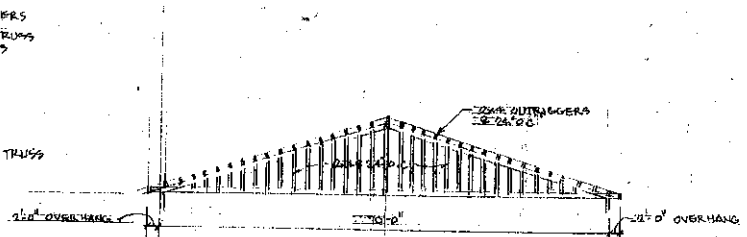
1/16" = 1'-0"





TYPICAL ROOF TRUSS

1/4" = 1'-0"

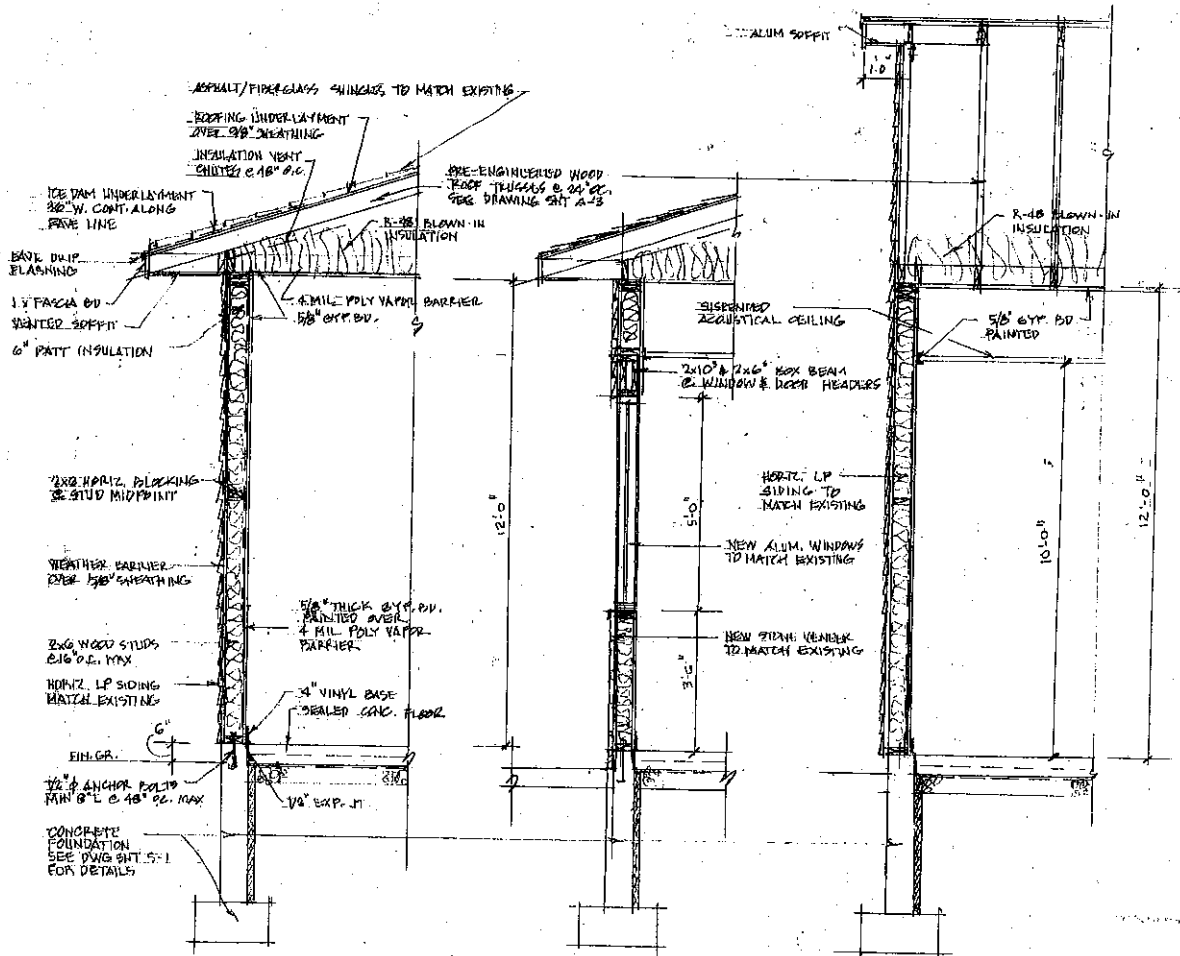


GABLE END TRUSS

1/4" = 1'-0"

NOTE: PRE-ENGINEERED ROOF TRUSSES SHALL BE DESIGNED TO COMPLY WITH 2012 IBC (INTERNATIONAL BUILDING CODE)





ASPHALT/FIBERGLASS SHINGLES TO MATCH EXISTING  
 ROOFING UNDERLAYMENT  
 INSULATION NEXT SHINGLE @ 18" O.C.  
 PRE-ENGINEERED WOOD ROOF TRUSSES @ 24" O.C. SEE DRAWING SHIT A-3

ICE DAM UNDERLAYMENT 30"W. CONT. ALONG PAVE LINE  
 BASE DRIP FLASHING  
 1" FASCIA OR SLOTTED SOFFIT  
 6" PATTI INSULATION  
 4 MIL. POLY VAPOR BARRIER 5/8" GYP. BD.

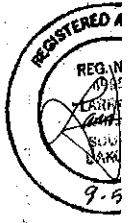
2x2 HORIZ. BLOCKING @ STUD MIDPOINT  
 WEATHER BARRIER OVER 5/8" SHEATHING  
 2x6 WOOD STUDS @ 16" O.C. MAX.  
 HORIZ. LP SIDING MATCH EXISTING  
 3" VINYL BASE SEALED CONC. FLOOR  
 1/2" ANCHOR BOLT @ 48" O.C. MAX.  
 CONCRETE FOUNDATION SEE DWG SHIT S-1 FOR DETAILS

ALUM SOFFIT  
 R-18 BLOWN-IN INSULATION  
 SUSPENDED ACOUSTICAL CEILING  
 2x10 & 2x6 BOX BEAM @ WINDOW & DOOR HEADERS  
 HORIZ. LP SIDING TO MATCH EXISTING  
 NEW ALUM. WINDOWS TO MATCH EXISTING  
 NEW STAIN VENEER TO MATCH EXISTING  
 5/8" GYP. BD PAINTED

1 SECTION  
 A-4 9/8" = 1'-0"

2 SECTION  
 A-4 9/8" = 1'-0"

3 SECTION  
 A-4 9/8" = 1'-0"





**NOTES:**

1. ALL ELECTRICAL WORK SHALL BE DESIGN/BUILD BY A LICENSED ELECTRICAL CONTRACTOR AND COMPLY WITH CURRENT ELECTRICAL CODE.
2. ELECTRICAL CONTRACTOR SHALL OBTAIN PERMIT AND INSPECTIONS AS REQUIRED.
3. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY EXISTING ELECTRICAL SYSTEM AND CONDITIONS AND THE NEW ELECTRICAL WORK INTO EXISTING AS REQUIRED TO COMPLY WITH CODE.
4. ELECTRICAL CONTRACTOR TO SUBMIT DATA SHEETS ON NEW LIGHT FIXTURES AND DEVICES TO OWNER FOR APPROVAL PRIOR TO INSTALLATION.

