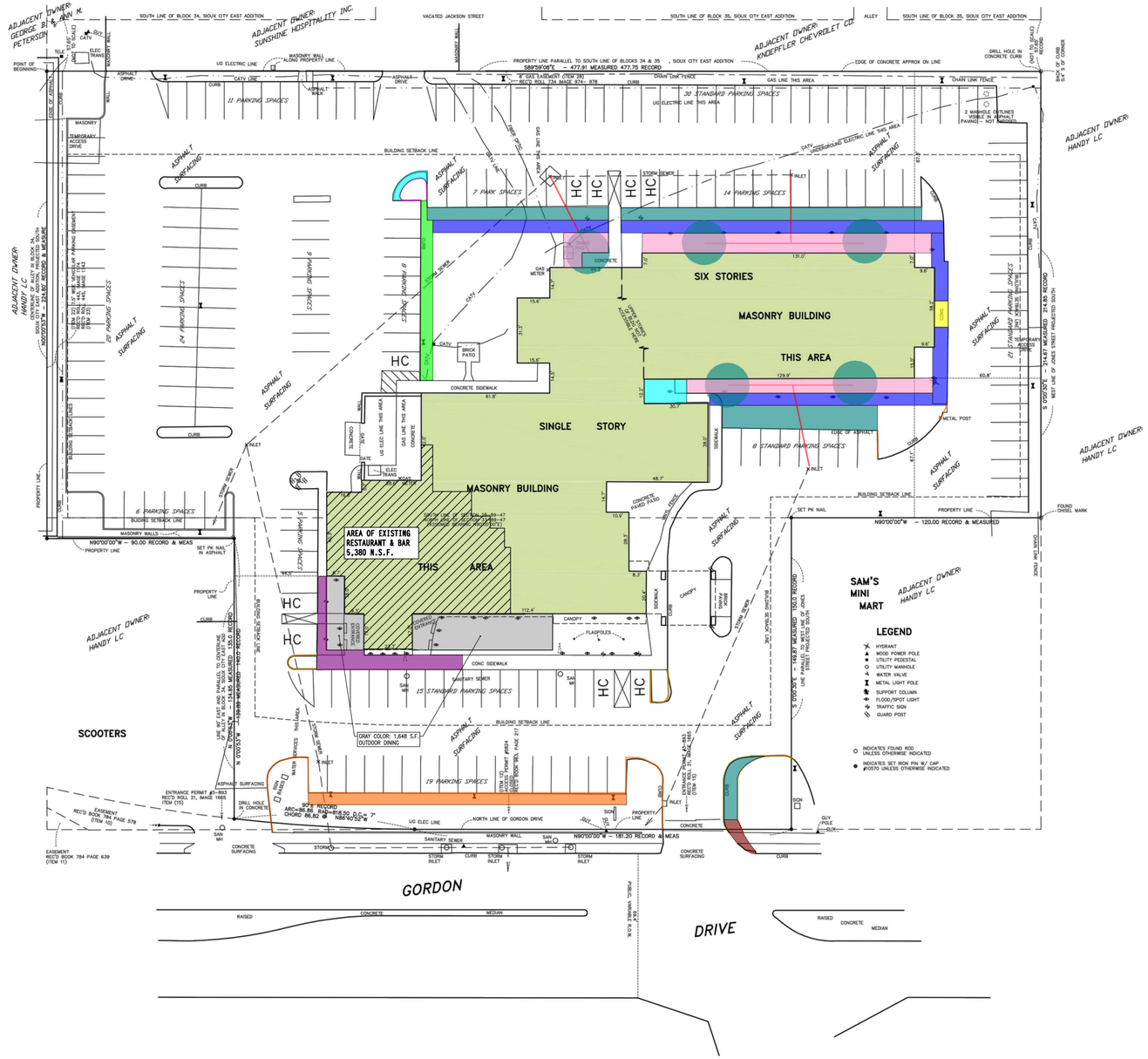
new 6' walk w/cur...	2569.3 SQ FT	
new curb & gutter	436.9 FT	
remove curb & gutter	136.5 FT	
remove & replace ...	232.8 SQ FT	
new side walk/sod...	482.8 SQ FT	
asphalt parking/di...	2481.7 SQ FT	
remove replace walk	82.3 SQ FT	
new concrete drive	100.3 SQ FT	
install drain tile and a...	250.4 FT	
area drain 24"?	5.0 EA	
regrade grass area	2402.2 SQ FT	
Alt add asphalt	849.3 SQ FT	
additional curb	38.3 FT	
additional asphalt p...	78.2 SQ FT	
new walk with curb	716.0 SQ FT	



A001 SITE PLAN
SCALE: 1"=30'-0"

SCOPE OF WORK:

- REMODEL TO EXIST. RESTAURANT SPACE. NO INCREASE TO EXIST. BUILDING FOOTPRINT.
- NO PARKING SPACES TO BE REMOVED OR ALTERED.
- NO REVISIONS TO PARKING.
- OUTDOOR DINING AS SHOWN. PARTIAL MODIFICATION TO EXIST. LANDSCAPE.
- NO TREES TO BE REMOVED.

REVISION	ISSUE DESCRIPTION	ISSUE DATE
	ISSUED FOR STRUCTURAL ENGINEERING	01 FEBRUARY 2018
	ISSUED FOR DEMOLITION PERMIT	12 FEBRUARY 2018
	ISSUED FOR PERMIT, BID, & L.I. REVIEW	12 MARCH 2018

barker/nestor+
ARCHITECTURE+DESIGN
600 N. CLINNIA AVE. CHICAGO, IL 60616 TEL: 847-763-1591 FAX: 847-763-1592

BAR

PROPOSED RESTAURANT DEVELOPMENT FOR:

RESTAURANT & BAR

701 GORDON DR, SIOUX CITY, IA 51101

PROJECT NUMBER: N1719E
FILE NAME: B3S2-A03_SITE.DWG
DRAWN BY: TS
APPROVED:
DRAWING TITLE:
DRAWING SCALE: AS SHOWN
DATE ISSUED: AS SHOWN

PROFESSIONAL SEAL:

LICENSED PROFESSIONAL ARCHITECT KEVIN J. BARKER 05808 IOWA

SHEET NUMBER:

A0 OF 28

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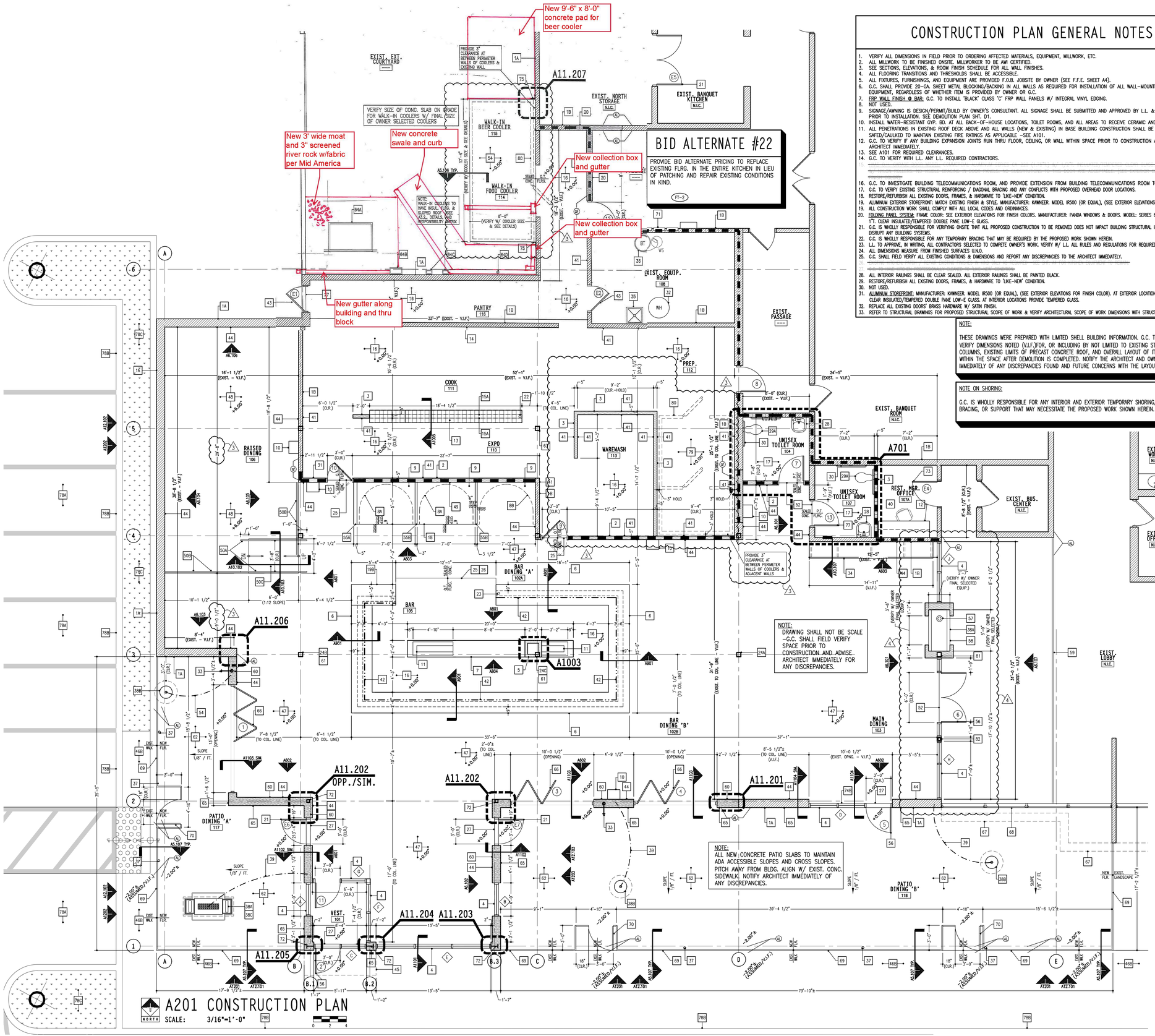

BID ALTERNATE #22

PROVIDE BID ALTERNATE PRICING TO REPLACE EXISTING FLRG. IN THE ENTIRE KITCHEN IN LIEU OF PATCHING AND REPAIR EXISTING CONDITIONS IN KIND.

CONSTRUCTION PLAN GENERAL NOTES

1. VERIFY ALL DIMENSIONS IN FIELD PRIOR TO ORDERING AFFECTED MATERIALS, EQUIPMENT, MILLWORK, ETC.
2. ALL MILLWORK TO BE FINISHED ONSITE. MILLWORKER TO BE AWI CERTIFIED.
3. SEE SECTIONS, ELEVATIONS, & ROOM FINISH SCHEDULE FOR ALL WALL FINISHES.
4. ALL FLOORING TRANSITIONS AND THRESHOLDS SHALL BE ACCESSIBLE.
5. ALL FIXTURES, FURNISHINGS, AND EQUIPMENT ARE PROVIDED F.O.B. JOBSITE BY OWNER (SEE F.F.E. SHEET A4).
6. G.C. SHALL PROVIDE 20-GA. SHEET METAL BLOCKING/BACKING IN ALL WALLS AS REQUIRED FOR INSTALLATION OF ALL WALL-MOUNTED ACCESSORIES & EQUIPMENT, REGARDLESS OF WHETHER ITEM IS PROVIDED BY OWNER OR G.C.
7. FRP WALL FINISH @ BAR: G.C. TO INSTALL "BLACK" CLASS "C" FRP WALL PANELS W/ INTEGRAL VINYL EDGING.
8. NOT USED.
9. SIGNAGE/AWNING IS DESIGN/PERMIT/BUILD BY OWNER'S CONSULTANT. ALL SIGNAGE SHALL BE SUBMITTED AND APPROVED BY L.L. & MUNICIPALITY PRIOR TO INSTALLATION. SEE DEMOLITION PLAN SHT. D1.
10. INSTALL WATER-RESISTANT GYP. BD. AT ALL BACK-OF-HOUSE LOCATIONS, TOILET ROOMS, AND ALL AREAS TO RECEIVE CERAMIC AND MOSAIC TILE.
11. ALL PENETRATIONS IN EXISTING ROOF DECK ABOVE AND ALL WALLS (NEW & EXISTING) IN BASE BUILDING CONSTRUCTION SHALL BE FIRE SAFED/CAULKED TO MAINTAIN EXISTING FIRE RATINGS AS APPLICABLE -SEE A101.
12. G.C. TO VERIFY IF ANY BUILDING EXPANSION JOINTS RUN THRU FLOOR, CEILING, OR WALL WITHIN SPACE PRIOR TO CONSTRUCTION AND ADVISE ARCHITECT IMMEDIATELY.
13. SEE A101 FOR REQUIRED CLEARANCES.
14. G.C. TO VERITY WITH L.L. ANY L.L. REQUIRED CONTRACTORS.
16. G.C. TO INVESTIGATE BUILDING TELECOMMUNICATIONS ROOM, AND PROVIDE EXTENSION FROM BUILDING TELECOMMUNICATIONS ROOM TO SPACE.
17. G.C. TO VERIFY EXISTING STRUCTURAL REINFORCING / DIAGONAL BRACING AND ANY CONFLICTS WITH PROPOSED OVERHEAD DOOR LOCATIONS.
18. RESTORE/REFURBISH ALL EXISTING DOORS, FRAMES, & HARDWARE TO "LIKE-NEW" CONDITION.
19. ALUMINUM EXTERIOR STOREFRONT: MATCH EXISTING FINISH & STYLE. MANUFACTURER: KAWNEER. MODEL 1R500 (OR EQUAL), (SEE EXTERIOR ELEVATIONS FOR FINISH COLOR).
19. ALL CONSTRUCTION WORK SHALL COMPLY WITH ALL LOCAL CODES AND ORDINANCES.
20. FOLDING PANEL SYSTEM: FRAME COLOR: SEE EXTERIOR ELEVATIONS FOR FINISH COLORS. MANUFACTURER: PANDA WINDOWS & DOORS. MODEL: SERIES 60 ULTRA W/ MIN. 1"T. CLEAR INSULATED/TEMPERED DOUBLE PANE LOW-E GLASS.
21. G.C. IS WHOLLY RESPONSIBLE FOR VERIFYING ONSITE THAT ALL PROPOSED CONSTRUCTION TO BE REMOVED DOES NOT IMPACT BUILDING STRUCTURAL INTEGRITY NOR DISRUPT ANY BUILDING SYSTEMS.
22. G.C. IS WHOLLY RESPONSIBLE FOR ANY TEMPORARY BRACING THAT MAY BE REQUIRED BY THE PROPOSED WORK SHOWN HEREIN.
23. L.L. TO APPROVE, IN WRITING, ALL CONTRACTORS SELECTED TO COMPETE OWNER'S WORK. VERITY W/ L.L. ALL RULES AND REGULATIONS FOR REQUIRED SUBCONTRACTORS.
24. ALL DIMENSIONS MEASURE FROM FINISHED SURFACES U.N.O.
25. G.C. SHALL FIELD VERIFY ALL EXISTING CONDITIONS & DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.
28. ALL INTERIOR RAILINGS SHALL BE CLEAR SEALED. ALL EXTERIOR RAILINGS SHALL BE PAINTED BLACK.
29. RESTORE/REFURBISH ALL EXISTING DOORS, FRAMES, & HARDWARE TO "LIKE-NEW" CONDITION.
30. NOT USED.
31. ALUMINUM STOREFRONT: MANUFACTURER: KAWNEER. MODEL 1R500 (OR EQUAL), (SEE EXTERIOR ELEVATIONS FOR FINISH COLOR). AT EXTERIOR LOCATIONS PROVIDE 1"T. CLEAR INSULATED/TEMPERED DOUBLE PANE LOW-E GLASS. AT INTERIOR LOCATIONS PROVIDE TEMPERED GLASS.
32. REPLACE ALL EXISTING DOORS' BRASS HARDWARE W/ SATIN FINISH.
33. REFER TO STRUCTURAL DRAWINGS FOR PROPOSED STRUCTURAL SCOPE OF WORK & VERIFY ARCHITECTURAL SCOPE OF WORK DIMENSIONS WITH STRUCTURAL DRAWINGS.

NOTE:

THESE DRAWINGS WERE PREPARED WITH LIMITED SHELL BUILDING INFORMATION. G.C. TO FIELD VERIFY DIMENSIONS NOTED (V.I.F.)FOR, OR INCLUDING BY NOT LIMITED TO EXISTING STEEL COLUMNS, EXISTING LIMITS OF PRECAST CONCRETE ROOF, AND OVERALL LAYOUT OF ITEMS WITHIN THE SPACE AFTER DEMOLITION IS COMPLETED. NOTIFY THE ARCHITECT AND OWNERS IMMEDIATELY OF ANY DISCREPANCIES FOUND AND FUTURE CONCERNS WITH THE LAYOUT.

NOTE ON SHORING:

G.C. IS WHOLLY RESPONSIBLE FOR ANY INTERIOR AND EXTERIOR TEMPORARY SHORING, BRACING, OR SUPPORT THAT MAY NECESSITATE THE PROPOSED WORK SHOWN HEREIN.

CONSTRUCTION PLAN SYMBOL LEGEND

- EXISTING WALL CONSTRUCTION: PATCH, REPAIR & RE-FINISH AS REQUIRED THRU-OUT AS NOTED (V.I.F.) -SEE INT. ELEV.'S
- CEILING-HT. WALL CONSTRUCTION: 25 GA. 3 5/8" MTL. STUDS @ 16" O.C. W/ 5/8" TYPE 'X' GYP. BD. BOTH SIDES. EXTEND WALL TO UNDERSIDE OF CEILING
- EXTERIOR WALL CONSTRUCTION: 6" MTL. STUDS @ 16" O.C. W/ 5/8" TYPE 'X' GYP. BD. BOTH SIDES. W/ FINISHES AS NOTED -SEE STRUCT., INT./EXT. ELEV.'S, & DETAILS
- FULL-HT. WALL CONSTRUCTION: 25 GA. 3 5/8" MTL. STUDS @ 16" O.C. W/ 5/8" TYPE 'X' GYP. BD. BOTH SIDES. EXTEND WALL TO UNDERSIDE OF ROOF DECK
- NEW/EXIST. STOREFRONT/ WINDOWS AS NOTED
- CLASS 'C' FRP PANELS (COLOR AS NOTED ON PLAN)
- EXISTING 1 HR. FIRE RATED WALL CONSTRUCTION
- NEW 1 HR. FIRE RATED WALL CONSTRUCTION U.L. #U412
- EXIST. DOOR & FRAME -SEE DOOR HARDWARE SCHEDULE
- NEW DOOR & FRAME -SEE DOOR HARDWARE SCHEDULE

CONSTRUCTION PLAN KEYNOTES

1. 1A. EXIST. (0) HR. RATED EXT. WALL CONST. -SEE SYMBOL LEGEND
   1B. EXIST. (0) HR. RATED INT. WALL CONST. -SEE SYMBOL LEGEND
2. FULL-HT. WALL CONSTRUCTION -SEE SYMBOL LEGEND
3. CLG.-HT. WALL CONSTRUCTION -SEE SYMBOL LEGEND
4. ALUM. STOREFRONT SYSTEM -SEE CONSTRUCTION PLAN NOTE #31
5. METAL STUD COLUMN FOR TV SUPPORT -SEE A1003. WRAP W/ MOSAIC WALL TILE -SEE MATERIAL & FINISH SYMBOL LEGEND SHT. A13 & INTERIOR ELEVATIONS FOR TILE PATTERN
6. GRANITE BAR TOP @ 42" A.F.F. -SEE A801 (GR-1)
7. GRANITE BACKBAR TOP -SEE SHT. A8-9 (GR-2)
8. 8A. FIXED MILLWORK BOOTH CONSTRUCTION (TYP.) -SEE A1002
   8B. ACCESSIBLE HEIGHT BOOTH -SEE DETAIL A4.103 (ST-1)
9. STAINED MILLWORK BOOTH DECK (TYP.) (ST-1)
10. CABINET @ WALL-MNTD. P.O.S. LOCATIONS (ST-2)
11. INTERNALLY LIT LIQUOR STEPS - SEE SHT. A8 & A9
12. 24" PLAM DESK W/ VINYL EDGING
13. S.S. PASS-THRU COUNTER @ 50" A.F.F. -SEE DETAIL A1005
14. 16 GA. S.S. WALL PANELS ALONG/UNDER HOOD WALL
15. 15A. "WHITE" CLASS C FRP UNDER PASS-THRU
16. Q.T. FLRG. ON THIN-SET MORTAR ON CONC. SLAB -SEE A5.101
17. PORCELAIN TILE FLRG. ON THIN-SET MORTAR ON CONC. SLAB -SEE A5.101 (TYP.)
18. SEALED 6"H CONC. PLATFORM @ BOOTHS -SEE DETAIL A1002
19. 19B. ACCESSIBLE BAR SEATING AREA -SEE A101 & A9.101
20. INFILL OPNG. W/ WALL IN KIND -MATCH EXIST. INCLUDING FINISHES OUTSIDE OF SPACE
21. REINSTALL EXIST. SALVAGED DOOR & FRAME
22. 3"x4x2"H STL. PIPE SUPPORTS AS SHOWN (TYP.) - SEE A1005
23. 3"ø STL. PIPE -(TYP.) SEE A901
   24A. EXIST. EXPOSED STL COL. FOR PAINT -SEE STRUCT. (P-5)
24. 24B. NEW EXPOSED STL COL. FOR PAINT -SEE STRUCT. (P-5)
   24C. NEW STL. COL. -SEE STRUCT.
25. Q.T. END TILE REDUCER
26. EXTEND Q.T. FLRG. @ COCKTAIL STATION -SEE A401, A5.101, & SHT. A8
27. ACCESS. ALUM. THRESHOLD (TYP.)
28. ACCESS. LAVATORY @ 34" A.F.F.
29. 29A. ACCESS. WATER CLOSET (TYP.)
30. ACCESS. S.S. GRAB BARS -SEE CS.2
31. DIMMER BANK LOCATION -SEE ELEC. DWGS.
32. REPLACE EXIST. WATER HEATER WITH NEW WATER HEATER -SEE PLUMB.
33. FROST-PROOF HOSE BIB -SEE PLUMB.
34. MILLWORK BANQUETTE COUNTER -SEE A10.107 (PL-1)
35. MOP SINK -SEE PLUMB.
36. EXIST. WATER SOFTENER SYSTEM LOCATION -SEE PLUMB.
37. STRING LIGHT POST -SEE A301 & A10.108
   38A. PRE-FAB. GAS FIREPLACE -SEE SHT. A4 & A10.2
38. 38B. PRE-FAB. GAS PATIO HEATER -SEE SHT. A4
   38C. FIREPLACE ENCLOSURE -SEE SHT. A10.2
39. RUN GAS/ELEC. LINE UNDER PATIO PAVERS -SEE M.E.P.
40. SEE SHT. A6.2 FOR GENERAL ELEV.'S @ OFFICE
41. "WHITE" CLASS C FRP W/ VINYL EDGING THRU-OUT KITCHEN (TYP.) -SEE ROOM FINISH SCHEDULE SHT. A13
42. "BLACK" CLASS C FRP W/ VINYL EDGING UNDER BAR COUNTER (TYP.) - SEE A901
43. PAINT EXIST. H.M. DOOR & FRAME
44. APPLY TYP. WD. WAINSCOT TO NEW AND EXIST. WALL CONSTR., INCLUDE RIBBON LIGHT WHERE/AS NOTED ON A301 -SEE INT. ELEV.'S & DETAIL A1001 (TYP.)
45. PRE-FAB. DECORATIVE WTL. CANOPY ABOVE -G.C. TO PROVIDE SUPPORT BLOCKING AS REQ'D. -SEE A301 & EXT. ELEV.'S
46. 46B. EXIST. WALK
47. GRIND & SEAL EXIST. CONC. SLAB -SEE SHT. A5.1
48. 6"H RAISED PLATFORM CONST. -SEE A5.1 -SEE BID ALTERNATE #9 & #13
49. BRICK VENEER LOCATION -SEE INT. ELEV.'S & BID ALTERNATE #24 SHT. A6
50. 50A. CLR.-SEALED ACCESS. HANDRAILS @ 34" A.F.F. @ 1:12 SLOPE - EXTEND 12" BEYOND RAMP EA. END -SEE SHEET CS2
   50B. CLR.-SEALED 36"H RAIL CLR. SEALED -SEE A10.104
   50C. FULLY ACCESS. CONC. RAMP & HANDRAILS @ 34" A.F.F. @ 1:12 SLOPE -SEE SHET. A5.1, A10.1 & CS2
51. 51A. SEE BID ALTERNATE #9 & #13
   51C. SEE BID ALTERNATE #14
52. ACCESS. ALUM. FLOOR TRANSITION
53. 53A. SEE BID ALTERNATE #6
54. THICKENED CONC. SLAB ON GRADE BROOM FINISH @ WALK-IN COOLERS LOCATION -SEE A5.101 & DETAIL A5.106
55. 55A. 3'-6"H 5" STAINED WALL VERTICAL @ END OF BOOTH
   55B. 3'-6"H 3" STAINED WD. SPACER. VERTICAL @ FRONT FACE OF BOOTH
56. ALUM. DOOR & FRAME -SEE EXT. ELEV.'S -SEE CONSTRUCTION PLAN NOTE #31
57. LOCATION OF VENT FOR VENTED FIREPLACE
58. PROVIDE TEMPERED GLASS FOR THE FIREPLACE ON ADJACENT LOBBY SIDE
59. CONTRACTOR TO PROVIDE FULL HEIGHT TEMPORARY BARRICADE TO SEPARATE RESTAURANT FROM EXIST. LOBBY AREA DURING DEMOLITION AND CONSTRUCTION. BARRICADE TO BE FULL HEIGHT METAL STUD PARTITION WITH BATT INSULATION AND DRYWALL LOBBY SIDE ONLY. DO NOT TAPE OR MUD DRYWALL.
60. NEW EXT. BEARING WALL CONST. -SEE DETAILS & STRUCT.
61. INFILL 3'x3' DIAMOND CONC. @ FLOOR -SEE SHT. D1, A5.1 & STRUCT.
62. EXT. CONC. SLAB ON GRADE 3000 PSI 4" CONC. SLAB ON GRADE W/ WWF 6x6-W2.9/W2.9 ON 4" COMPACTED GRANULAR FILL -SLOPED AS SHOWN, BROOM FINISH -SEE A5.101
63. PAINT EXIST. EXPOSED STL. COL. WHITE
   64A. EXIST. ELEC. XFR. LOCATION
   64B. EXIST. ELEC. BOX LOCATION
64. 64C. EXIST. GAS METERS LOCATION
   64D. EXIST. WATER SHUT-OFF LOCATION
65. SEE EXT. ELEV'S FOR EXT. FINISHES (TYP.)
66. EXT. ALUM. FOLDING PANEL SYSTEM -SEE CONSTRUCTION PLAN NOTE #20
67. EXIST. OVERHANG PARAPET ABOVE
68. EXIST. STOREFRONT
69. PRE-FAB. ALUM. RAILING/GATE SYSTEM BY ALUMINA RAILING PRODUCTS, INC., MODEL: M-SERIES, FINISH: BLACK -SEE A10.105
70. PRE-FAB. 36" CLEAR ACCESS. GATE (180° SWING) W/ ADJUSTABLE SPRING HINGE WITH CLOSER AND CATCH PLATE (TYP.) (EMERGENCY EXIT ONLY)
71. ELEC. PANELS -SEE ELEC.
72. NEW STL. COL. -SEE STRUCT.
73. RE-INSTALL EXIST. DOOR RE-SWING INTO OFFICE
   74A. RE-INSTALL EXIST. CMU WALL -SEE D101 & STRUCT. FOR OPNG. SUPPORT -INT. FINISHES TO MATCH EXIST.
74. 74B. SEE D101 & STRUCT. FOR EXIST. OPNG RAISING SUPPORT
75. PRE-FIN. ALUM. CLADDING -SEE A11.207
76. INSTALL S.S. JAMBS BOTH SIDES & HEAD AT THIS OPNG.
77. INSTALL NEW S.C. WD. DOOR IN EXIST. H.M. FRAME
   78A. EXIST. PARKING
   78B. EXIST. CONC. CURB
79. SEAL CONC @ WALK-IN COOLER LOCATIONS (CS-2)
80. WALK-IN COOLERS/FREEZERS -SEE A401
81. ENCLOSE EXIST. NON-COMBUSTIBLE STL. COL. IN FIREPLACE ENCLOSURE
82. ALUM. CLAD EXIST. STL. PIPE COL. AS SHOWN

BID ALTERNATE #2A

PROVIDE BID ALTERNATE PRICING FOR GRINDING & CLEAR SEALING BAR SERVICE, _____ - PROVIDE NON-SLIP FINISH SURFACE & MIN. 6"H. COVED RUBBER BASE

BID ALTERNATE #2B

PROVIDE BID ALTERNATE PRICING FOR INSTALLING SEALED EPOXY FLOORING OVER BAR SERVICE, _____ - PROVIDE MIN. 6"H. COVED BASE

BID ALTERNATE #9

PROVIDE BID ALTERNATE PRICING FOR CONSTRUCTING RAISED PLATFORM & RAMP W/ COMPOSITE FRAMING IN LIEU OF CONCRETE - FILL CAVITY SOLID W/ BATT INSULATION

BID ALTERNATE #13

PROVIDE BID ALTERNATE DEDUCT FOR ELIMINATING RAISED PLATFORM, RAMP, AND RAILING OFF SCOPE OF WORK

REVISION	ISSUE DESCRIPTION	ISSUE DATE
1	ISSUED FOR DEMOLITION PERMIT	12 FEBRUARY 2018
2	ISSUED FOR PERMIT, BID, & L.L. REVIEW	12 MARCH 2018
3	SUPPLEMENTAL PLAN	03 APRIL 2018
4	PERMIT COMMENTS	13 APRIL 2018
5	OWNER CHANGES	24 APRIL 2018
6	FIELD CHANGES	24 APRIL 2018

barker/nestor + ARCHITECTURE + DESIGN
600 W. KINZIE ST. CHICAGO, IL 60610 TEL: 847-763-1997 FAX: 847-763-1992

PROPOSED RESTAURANT DEVELOPMENT FOR:

RESTAURANT & BAR

701 GORDON DR, SIOUX CITY, IA 51101

PROJECT NUMBER: N1778E
BLDG-ADD. CONSTRUCTION PLAN NO.

FILE NAME:	
DRAWN BY:	TS
APPROVED:	
DRAWING TITLE:	
DRAWING SCALE:	AS SHOWN
DATE ISSUED:	AS SHOWN

PROFESSIONAL SEAL:

LICENSED PROFESSIONAL ARCHITECT KEVIN J. BARKER 05808 IOWA

SHEET NUMBER:

A2 OF 28

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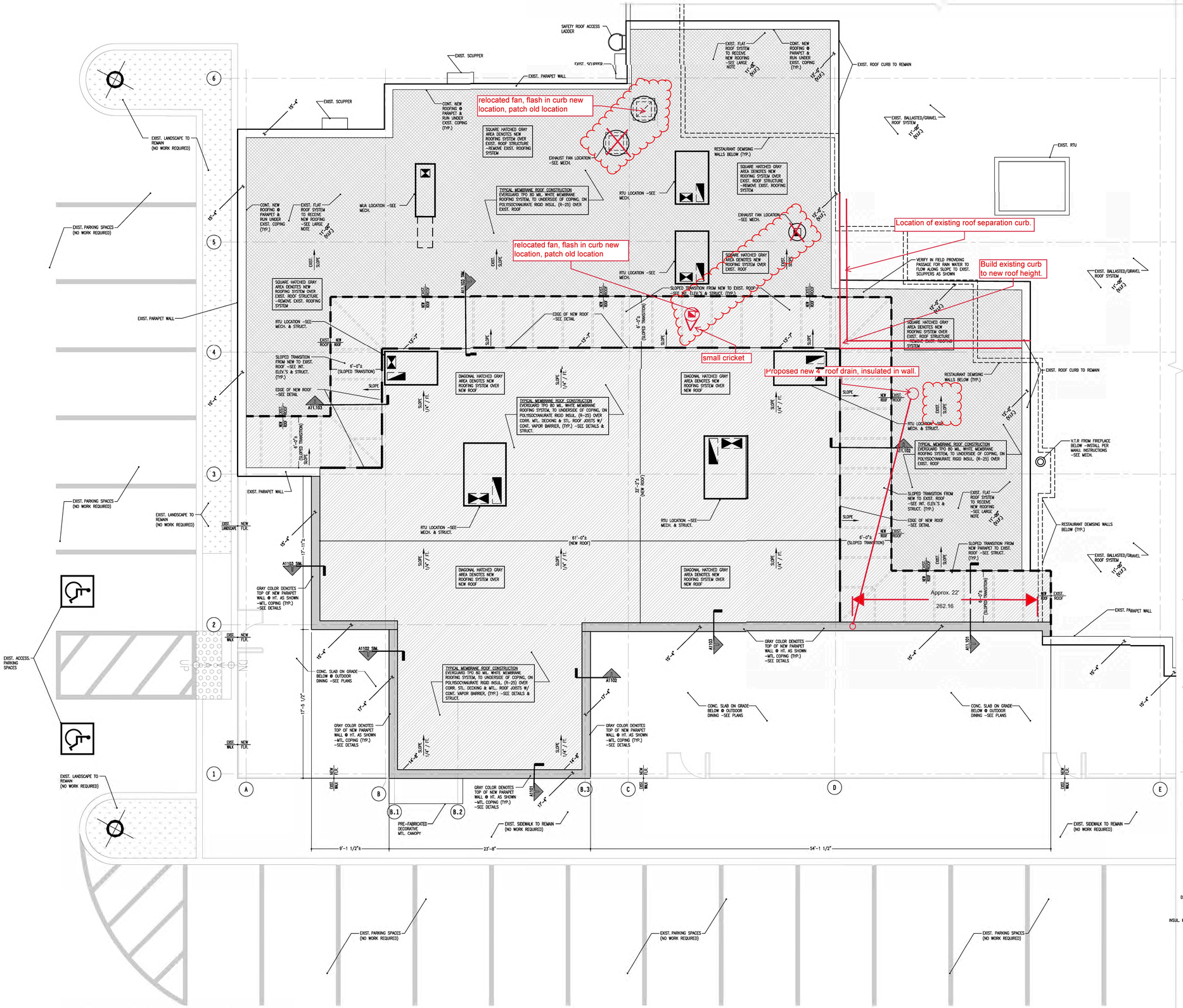


A2.101 ROOF PLAN

SCALE: 3/16"=1'-0"

NOTE:

GENERAL CONTRACTOR TO FIELD VERIFY THE DIRECTION, LOCATIONS, ORIENTATION, THICKNESS AND LIMITS OF EXISTING PRECAST CONCRETE PLANK ROOF (LOCATED ABOVE KITCHEN AREA) & ADVISE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES IN THE ARCHITECTURAL/STRUCTURAL DRAWINGS

G.C. SHALL PERFORM A CONCRETE SCANNING (X-RAY) @ EXISTING ROOF CONCRETE PLANK DECK ABOVE PRIOR TO ANCHORING ANYTHING, OR CORING THROUGH.

NOTE:

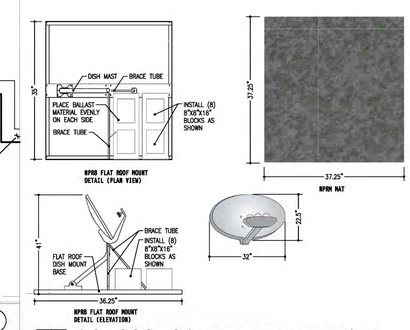
THESE DRAWINGS WERE PREPARED WITH LIMITED SHELL BUILDING INFORMATION. G.C. TO FIELD VERIFY DIMENSIONS NOTED (V.I.F.)FOR, OR INCLUDING BY NOT LIMITED TO EXISTING STEEL COLUMNS, EXISTING LIMITS OF PRECAST CONCRETE ROOF, AND OVERALL LAYOUT OF ITEMS WITHIN THE SPACE AFTER DEMOLITION IS COMPLETED. NOTIFY THE ARCHITECT AND OWNERS IMMEDIATELY OF ANY DISCREPANCIES FOUND AND FUTURE CONCERNS WITH THE LAYOUT.

NOTE ON SHORING:

G.C. IS WHOLLY RESPONSIBLE FOR ANY INTERIOR AND EXTERIOR TEMPORARY SHORING, BRACING, OR SUPPORT THAT MAY NECESSITATE THE PROPOSED WORK SHOWN HEREIN.

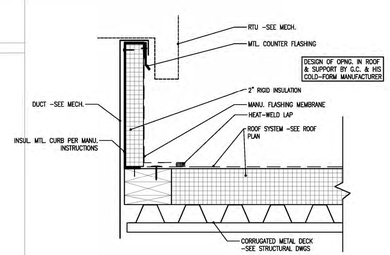
CONTRACTOR'S WARRANTY:

THE CONTRACTOR SHALL WARRANT THE ROOF APPLICATION WITH RESPECT TO WORKMANSHIP AND PROPER APPLICATION FOR TWO (2) YEARS FROM THE EFFECTIVE DATE OF THE WARRANTY ISSUED BY THE MANUFACTURER.



A2.203 SATELLITE DETAIL

SCALE: N.T.S.



A2.202 RTU PLATFORM DETAIL

SCALE: 1 1/2"=1'-0"

ISSUE DATE	ISSUE DESCRIPTION	REVISION
01 FEBRUARY 2018	ISSUED FOR STRUCTURAL ENGINEERING	
12 FEBRUARY 2018	ISSUED FOR DEMOLITION PERMIT	
12 MARCH 2018	ISSUED FOR PERMIT, BID, & L.I. REVIEW	

barker/nestor+ ARCHITECTURE+DESIGN
600 W. DENNIS AVE. CHICAGO, IL 60616 TEL: 847-763-1897 FAX: 847-763-1897

PROPOSED RESTAURANT DEVELOPMENT FOR:

RESTAURANT & BAR

701 GORDON DR., SIOUX CITY, IA 51101

PROJECT NUMBER:	N1718JC
FILE NAME:	BLD02-ALL ROOF PLAN.PMC
DRAWN BY:	VS
APPROVED:	
DRAWING TITLE:	
DRAWING SCALE:	AS SHOWN
DATE ISSUED:	AS SHOWN

PROFESSIONAL SEAL:

LICENSED PROFESSIONAL ARCHITECT KEVIN J. BARKER 05808 IOWA

SHEET NUMBER:

A2.1 OF 28

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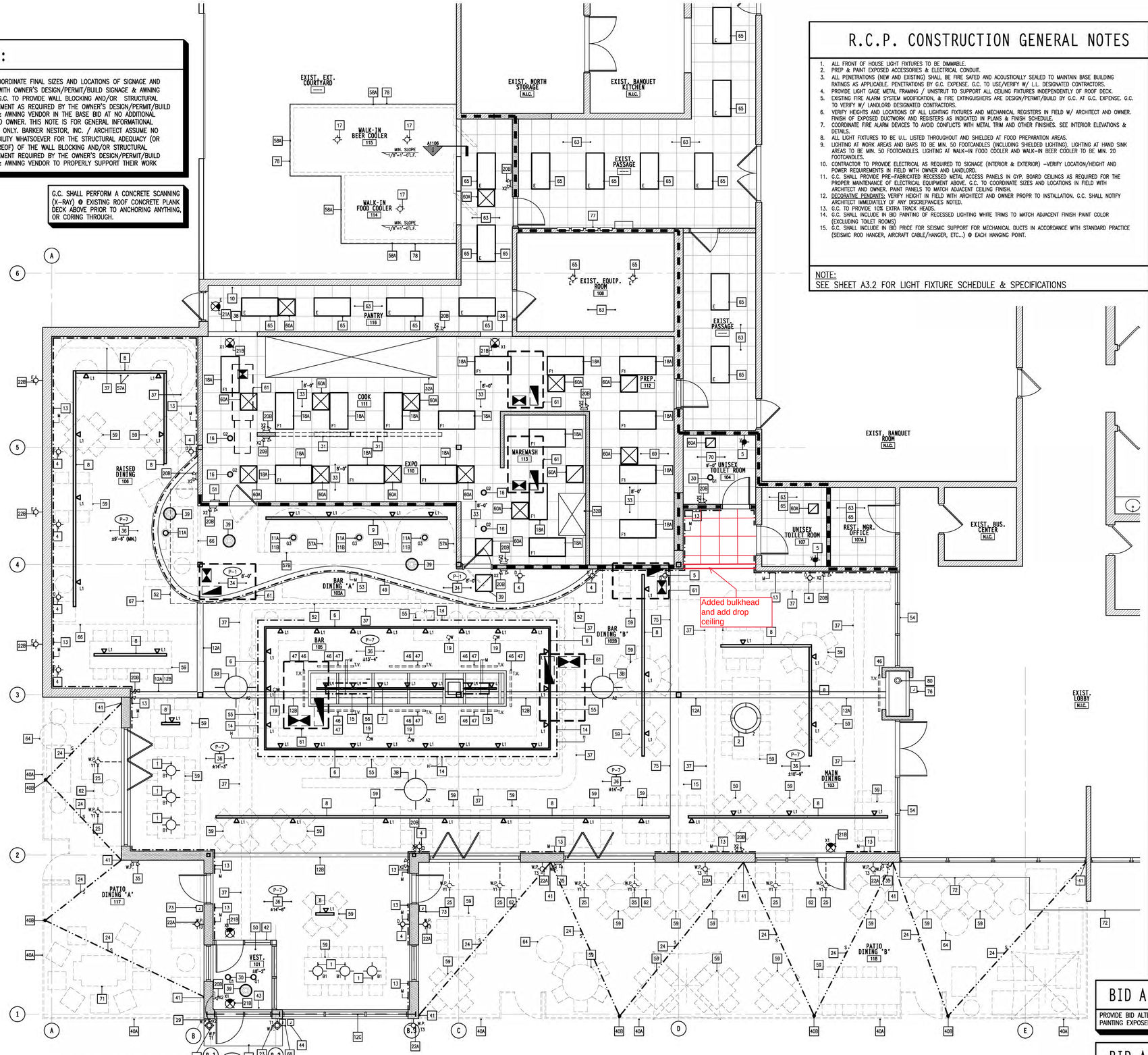
NOTE:

G.C TO COORDINATE FINAL SIZES AND LOCATIONS OF SIGNAGE AND AWNINGS WITH OWNER'S DESIGN/PERMIT/BUILD SIGNAGE & AWNING VENDOR. G.C. TO PROVIDE WALL BLOCKING AND/OR STRUCTURAL REINFORCEMENT AS REQUIRED BY THE OWNER'S DESIGN/PERMIT/BUILD SIGNAGE & AWNING VENDOR IN THE BASE BID AT NO ADDITIONAL CHARGE TO OWNER. THIS NOTE IS FOR GENERAL INFORMATIONAL PURPOSES ONLY. BARKER NESTOR, INC. / ARCHITECT ASSUME NO RESPONSIBILITY WHATSOEVER FOR THE STRUCTURAL ADEQUACY (OR LACK THEREOF) OF THE WALL BLOCKING AND/OR STRUCTURAL REINFORCEMENT REQUIRED BY THE OWNER'S DESIGN/PERMIT/BUILD SIGNAGE & AWNING VENDOR TO PROPERLY SUPPORT THEIR WORK

G.C. SHALL PERFORM A CONCRETE SCANNING (X-RAY) @ EXISTING ROOF CONCRETE PLANK DECK ABOVE PRIOR TO ANCHORING ANYTHING, OR CORING THROUGH.



A301 REFLECTED CEILING PLAN

SCALE: 3/16"=1'-0"

R.C.P. CONSTRUCTION GENERAL NOTES

1. ALL FRONT OF HOUSE LIGHT FIXTURES TO BE DIMMABLE.
2. PREP & PAINT EXPOSED ACCESSORIES & ELECTRICAL CONDUIT.
3. ALL PENETRATIONS (NEW AND EXISTING) SHALL BE FIRE SAFED AND ACOUSTICALLY SEALED TO MAINTAIN BASE BUILDING RATINGS AS APPLICABLE. PENETRATIONS BY G.C. EXPENSE. G.C. TO USE/VERIFY W/ L.L. DESIGNATED CONTRACTORS.
4. PROVIDE LIGHT GAGE METAL FRAMING / UNISTRUT TO SUPPORT ALL CEILING FIXTURES INDEPENDENTLY OF ROOF DECK.
5. EXISTING FIRE ALARM SYSTEM MODIFICATION, & FIRE EXTINGUISHERS ARE DESIGN/PERMIT/BUILD BY G.C. AT G.C. EXPENSE. G.C. TO VERIFY W/ / LANDLORD DESIGNATED CONTRACTORS.
6. VERIFY HEIGHTS AND LOCATIONS OF ALL LIGHTING FIXTURES AND MECHANICAL REGISTERS IN FIELD W/ ARCHITECT AND OWNER. FINISH OF EXPOSED DUCTWORK AND REGISTERS AS INDICATED IN PLANS & FINISH SCHEDULE.
7. COORDINATE FIRE ALARM DEVICES TO AVOID CONFLICTS WITH METAL TRIM AND OTHER FINISHES. SEE INTERIOR ELEVATIONS & DETAILS.
8. ALL LIGHT FIXTURES TO BE U.L. LISTED THROUGHOUT AND SHIELDED AT FOOD PREPARATION AREAS.
9. LIGHTING AT WORK AREAS AND BARS TO BE MIN. 50 FOOTCANDLES (INCLUDING SHIELDED LIGHTING). LIGHTING AT HAND SINK AREAS TO BE MIN. 50 FOOTCANDLES. LIGHTING AT WALK-IN FOOD COOLER AND WALK-IN BEER COOLER TO BE MIN. 20 FOOTCANDLES.
10. CONTRACTOR TO PROVIDE ELECTRICAL AS REQUIRED TO SIGNAGE (INTERIOR & EXTERIOR) –VERIFY LOCATION/HEIGHT AND POWER REQUIREMENTS IN FIELD WITH OWNER AND LANDLORD.
11. G.C. SHALL PROVIDE PRE-FABRICATED RECESSED METAL ACCESS PANELS IN GYP. BOARD CEILINGS AS REQUIRED FOR THE PROPER MAINTENANCE OF ELECTRICAL EQUIPMENT ABOVE. G.C. TO COORDINATE SIZES AND LOCATIONS IN FIELD WITH ARCHITECT AND OWNER. PAINT PANELS TO MATCH ADJACENT CEILING FINISH.
12. DECORATIVE PENDANTS: VERIFY HEIGHT IN FIELD WITH ARCHITECT AND OWNER PROPR TO INSTALLATION. G.C. SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES NOTED.
13. G.C. TO PROVIDE 10% EXTRA TRACK HEADS.
14. G.C. SHALL INCLUDE IN BID PAINTING OF RECESSED LIGHTING WHITE TRIMS TO MATCH ADJACENT FINISH PAINT COLOR (EXCLUDING TOILET ROOMS)
15. G.C. SHALL INCLUDE IN BID PRICE FOR SEISMIC SUPPORT FOR MECHANICAL DUCTS IN ACCORDANCE WITH STANDARD PRACTICE (SEISMIC ROD HANGER, ARCRAFT CABLE/HANGER, ETC...) @ EACH HANGING POINT.

NOTE:
SEE SHEET A3.2 FOR LIGHT FIXTURE SCHEDULE & SPECIFICATIONS

REFLECTED CEILING PLAN KEYNOTES

1. 10"ø x 24"H. DECORATIVE PENDANT FIXTURE (TYP.).
2. 40"ø×12" DECORATIVE PENDANT FIXTURE (TYP.)
3. 3B. 36"ø x 24"H DECORATIVE PENDANT FIXTURE
4. DECORATIVE WALL SCONCE –CENTER IN MILLWORK PANELS (TYP.) –SEE INT. ELEV'S FOR SCONCES HORIZONTAL/VERTICAL DIMENSIONS
5. DECORATIVE WALL SCONCES CENTERED ABOVE LAV'S. BELOW (TYP.)
6. TRACK LIGHTING OVER BAR ON DEDICATED CIRCUIT – LIGHT FIXTURES MNTD. ON THREADED ROD, NOT ATTACHED TO CLG. (TYP.)
7. TRACK LIGHTING OVER BACKBAR ON DEDICATED CIRCUIT (TYP.)
8. TRACK LIGHTING (TYP.) PROVIDE 2'-0" INCREMENTS IN LENGTH, V.I.F. – LIGHT FIXTURES MNTD. @ ±10'-6" A.F.F. (TYP.)
9. TRACK LIGHTING (TYP.) PROVIDE 2'-0" INCREMENTS IN LENGTH, V.I.F. – TRACK MNTD. @ BTM. OF SOFFIT
10. PROVIDE POWER FOR BUG LIGHT –V.I.F. LOCATION IN FIELD
11. 11A. RECESSED CAN LIGHT W/ WHITE GLASS TRIM RING (TYP.) 11B. CENTER W/ BOOTH BELOW
12. 12A. PAINT EXIST. EXPOSED STL. BEAM –SEE STRUCT. 12B. PAINT NEW EXPOSED STL. BEAM –SEE STRUCT. 12C. NEW STL. BEAM –SEE STRUCT.
13. RIBBON LIGHT @ WAINSCOT (TYP.)
14. RIBBON LIGHT UNDER BAR
15. RIBBON LIGHT @ LIQUOR STEP BELOW (TYP.)
16. RECESSED CAN LIGHT W/ SHATTER-PROOF LAMP/ LENS (TYP.)
17. VAPORPROOF LIGHT FIXTURE (TYP.)
18. 18A. 2'x4' FLUORESCENT FIXTURE
19. UNDER-CABINET PLUG-IN LIGHT –SEE A401 FOR PLACEMENT @ SPECIFIC EQUIPMENT & ELEC.
20. 20B. EMERGENCY LIGHTING FIXTURE
21. 21A. EXISTING EXIT SIGNAGE (TYP.) 21B. EXIT SIGNAGE –MATCH EXIST.
22. 22A. STANDARD EXTERIOR WATER PROOF WALL SCONCE (TYP.) 22B. EXIST. WALL SCONCE TO REMAIN
23. DECORATIVE PERFORATED METAL EXTERIOR WATER PROOF WALL SCONCE (TYP.)
24. WATER PROOF STRING LIGHTS –SEE EXTERIOR ELEVATIONS (TYP.)
25. DECORATIVE EXTERIOR WATER PROOF AWNING LIGHT (TYP.)
29. EXTERIOR WATER PROOF EMERGENCY LIGHTING REMOTE HEAD (TYP.)
30. RECESSED DOWNLIGHT (TYP.)
31. UNDAR HEAT LAMPS (TYP. OF 2) – SEE SHEET A4
32. 32A. EXHAUST HOOD –SEE MECH. DWGS. –INSTALL STAINLESS STEEL FROM CEILING TO TOP EDGE OF HOOD 32B. DISH MACHINE HOOD LOCATION –SEE MECH. DWGS. –VERIFY LOCATION IN FIELD W/ EQUIP.
33. 'WHITE' SUSP. 2'x2' VINYL-FACED CLG. TILE SYSTEM –0/0 CEILING AS SHOWN
34. PAINTED GYP. BD. SOFFIT @ 8'-0" A.F.F. –SEE BID ALTERNATE #6 (P-1)
35. EXTERIOR WATER PROOF EMERGENCY LIGHTING (TYP.)
36. PREP AND PAINT EXPOSED STRUCT. & MISC. (UTILITIES, INSULATION, PIPES, ETC. THRU-OUT. (TYP.) (P-7)
37. PREP AND PAINT EXPOSED MECH. DUCT –INSTALL DUCTS AS HIGH AS POSSIBLE –SEE R.C.P. CONSTRUCTION NOTE #15 –SEE BID ALTERNATE #10 (P-7)
38. BULKHEAD @ 7'-0" A.F.F. –SEE INT. ELEV'S. FOR FINISHES
39. PAINT MECH. REGISTER TO MATCH ADJ. CLG. OR DUCT COLOR (TYP.) –SEE MECH
40. 40A. DECORATIVE STL. RAILING BELOW –SEE SHT. A13 40B. STRING LIGHT ANCHOR SUPPORT –SEE A3.104. INSTALL SUPPORT BTWN. RAILING –SEE A1301
41. MOUNT STRING LIGHT CENTERED IN HEADER ABOVE STOREFRONT BELOW CANOPY OR AWNING (TYP.)
42. NEW ALUM./ GLASS STOREFRONT ENTRANCE CONSTRUCTION –SEE EXTERIOR ELEVATIONS
43. PROVIDE OUTLET FOR 'KITCHEN OPEN LATE' SIGN ABOVE
44. PARAPET-MNTD SIGNAGE J-BOX –G.C. TO VERIFY LOC. W/ OWNER SIGNAGE CONSULTANT –SEE EXT. ELEV.
45. TV SUPPORT –SEE SHEET A8
46. FLAT PANEL TV LOCATION (TYP.) –SEE A401
47. CONCEAL ELEC. T.V./A.V. WIRING FROM GUEST VIEW
48. OPEN TO ABOVE
49. STAINED WD. TRIM –SEE DETAIL A3.103
50. PAINTED GYP. BD. CLG. @ +8'-2" A.F.F. (P-2)
51. DIMMER BANK LOCATION –SEE ELEC. DWGS.
52. APPROX. LINE OF SQUARE EDGE GYP. BD. SOFFIT –SEE BID ALTERNATE #5
53. RIBBON LIGHT @ CURVED SOFFIT
54. ALUM./ GLASS INTERIOR STOREFRONT CONSTRUCTION
55. BAR BELOW (TYP.)
56. BAR ISLAND BELOW
57. 57A. FIXED BOOTH SEATING BELOW (TYP.) 57B. BOOTH PLATFORM BELOW
58. 58A. WALK-IN COOLERS BELOW
59. TABLE/FURNITURE BELOW (TYP)
60. 60A. MECH. REGISTERS @ KITCHEN – SEE MECH. 60B. MECH. REGISTERS @ FRONT OF THE HOUSE –SEE MECH.
61. MECH. UNIT ABOVE (TYP.) – SHOWN APPROXIMATE LOCATION –SEE A2.1, MECH., & STRUCT.
62. AWNING & FRAME CONST.–DESIGN/PERMIT/BUILD BY OTHERS
63. EXIST. CEILING –PATCH/REPAIR/REFINISH EXIST. CLG. AS REQ'D.
64. POST-MOUNTED PATIO GAS HEATER BELOW –SEE SHT. A3.2 & A401
65. RE-LAMP EXISTING LIGHT FIXTURES –SEE ELEC. DWGS. (V.I.F.)
66. RAISED PLATFORM BELOW
67. ACCESS. RAMP BELOW
68. WALL-MOUNTED CHANNEL LETTERS SIGNAGE J-BOX –G.C. TO VERIFY LOC. W/ OWNER SIGNAGE CONSULTANT –SEE EXT. ELEV.
69. MAINTAIN CLEAR SPACE ABOVE ICE MACHINE –SEE A6.2 KITCHEN ELEVATIONS
70. PTD. 2'x2' SUSP. TILE CEILING (SEMI-GLOSS FINISH) –ARMSTRONG 'CORTEGA', FISSURED SURFACE (COLOR: 'WHITE')
71. FIREPLACE BELOW
72. EXIST. ROOF OVERHANG ABOVE
73. WALL-MOUNTED SIGNAGE J-BOX –G.C. TO VERIFY LOC. W/ OWNER SIGNAGE CONSULTANT –SEE EXT. ELEV.
74. PRE-FAB DECORATIVE MTL. CANOPY CONSTRUCTION –SEE A201, EXT. ELEV.'S & DETAILS (CP-1)
75. EDGE OF EXIST. ROOF/CLG. –SEE INT. ELEV.'S & STRUCT.
76. WALL-MOUNTED SIGNAGE J-BOX –G.C. TO VERIFY LOC. W/ OWNER SIGNAGE CONSULTANT –SEE INT. ELEV.
77. ELEC. PANELS LOCATION –SEE ELEC.
78. EXTERIOR WALK-IN COOLERS 'SLOPED ROOF FURNISHED BY COOLER MANU.
79. G.C. TO INSTALL FLASHING ABOVE COOLER –SEE A1106
80. V.I.R FROM FIREPLACE BELOW –INSTALL PER MANU. INSTRUCTIONS –SEE MECH.

BID ALTERNATE #4

PROVIDE BID ALTERNATE PRICING FOR OMITTING PAINTING EXPOSED SPIRAL DUCTS

BID ALTERNATE #6

PROVIDE BID ALTERNATE PRICING FOR OMITTING CURVED SOFFIT

BID ALTERNATE #5

PROVIDE BID ALTERNATE PRICING FOR INSTALLING STRAIGHT SOFFIT IN LIEU OF CURVED SOFFIT

BID ALTERNATE #10

PROVIDE BID ALTERNATE PRICING FOR INSTALLING SUSPENDED CEILING ABOVE BAR; CEILING TO BE 2'x2' VINYL-FACED CEILING TILES PTD. 'P-7' –SEE A13 FIN. SCHED.

REVISION	ISSUE DESCRIPTION	ISSUE DATE
	ISSUED FOR STRUCTURAL ENGINEERING	01 FEBRUARY 2018
	ISSUED FOR DEMOLITION PERMIT	12 FEBRUARY 2018
	ISSUED FOR PERMIT, BID, & L.L. REVIEW	12 MARCH 2018

barker/nestor+ ARCHITECTURE+DESIGN
600 W. CERMAK 2C CHICAGO, IL 60616 TEL: 847-763-1497 FAX: 847-763-1692

PROPOSED RESTAURANT DEVELOPMENT FOR:

RESTAURANT & BAR

701 GORDON DR. SIOUX CITY, IA 51101

PROJECT NUMBER:	N17FIRE
TILE NAME:	BLDG-ALL.DWG, CLG PLN.DWG
DRAWN BY:	KZ
APPROVED:	
DRAWING TITLE:	
DRAWING SCALE:	AS SHOWN
DATE ISSUED:	AS SHOWN

PROFESSIONAL SEAL:

LICENSED PROFESSIONAL ARCHITECT KEVIN J. BARKER 05808 IOWA

SHEET NUMBER:

A3 OF 28

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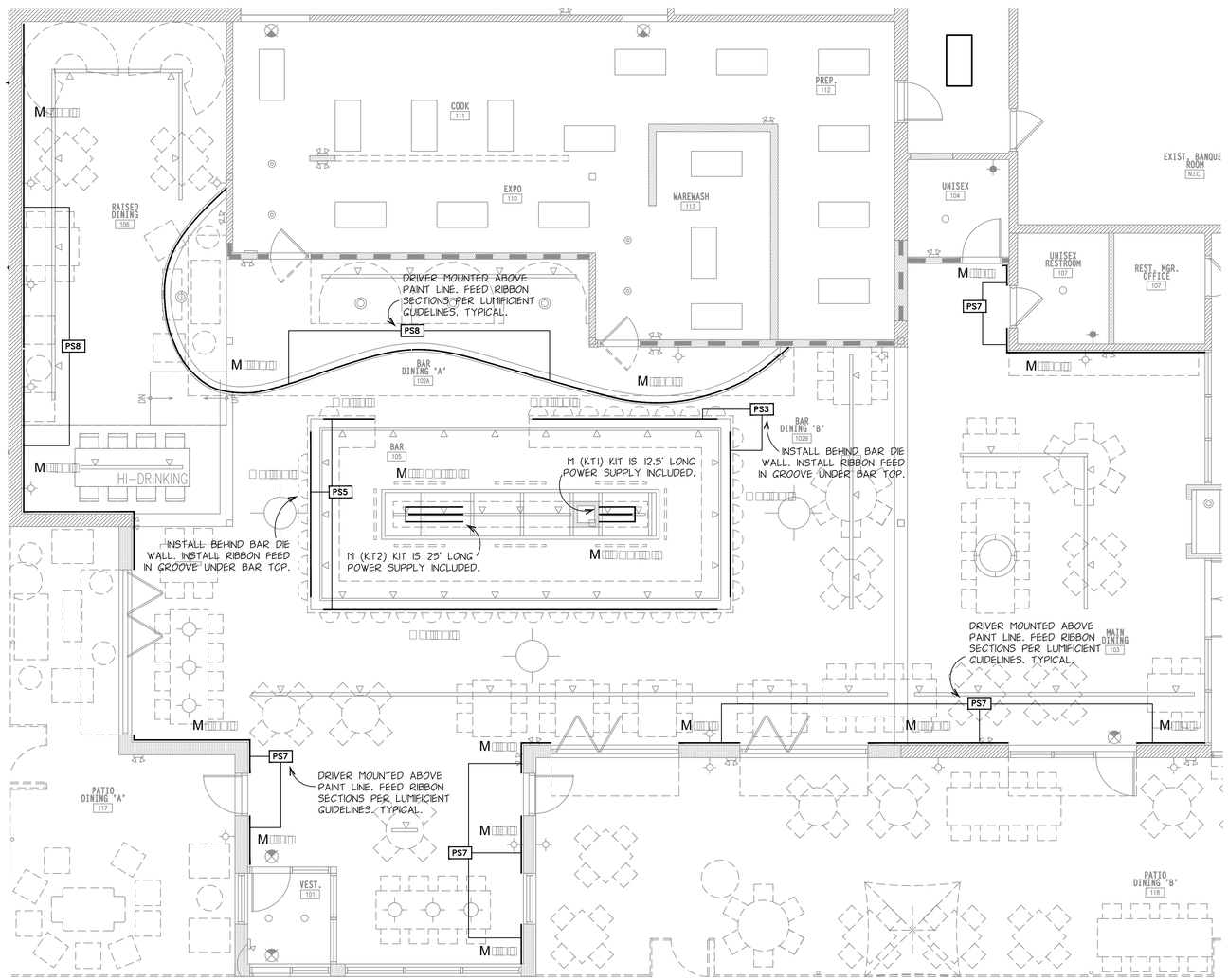
POWER SUPPLY KEY

PS1	NOVA FLEX #NF-PS-E20L24V
PS2	NOVA FLEX #NF-PS-E40L24V
PS3	NOVA FLEX #NF-PS-E60L24V
PS4	NOVA FLEX #NF-PS-E75L24V
PS5	NOVA FLEX #NF-PS-E96L24V
PS6	LUMIFICIENT #HLRA-24
PS7	LUMIFICIENT #HLRA-PSSQ
PS8	LUMIFICIENT #HLRA-96
KT1	LUMIFICIENT 12.5' KIT W/#HLRA-24 POWER SUPPLY
KT2	LUMIFICIENT 25' KIT W/#HLRA-PSSQ POWER SUPPLY

DO NOT SCALE FROM DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL LIGHT FIXTURE HEIGHTS AND HORIZONTAL PLAN DIMENSIONS. ALL WALL SCONCES IN MILLWORK WAINSCOT TO BE CENTERED IN PANEL PER PLANS UNLESS NOTED OTHERWISE.

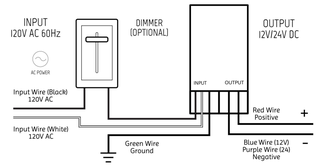


RIBBON INSTALLATION GUIDE
SCALE: NTS

NOVA FLEX — PRODUCT INFORMATION

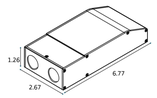
Your Flexible LED Lighting Solution

DIMMABLE E-SERIES POWER SUPPLIES



SPECS		NF-PS-E20L24V	NF-PS-E40L24V	NF-PS-E60L24V	NF-PS-E75L24V	NF-PS-E96L24V
Maximum Load		20W	40W	60W	75W	96W
Minimum Load		8W				
Input Voltage		120V AC				
Input Current at Max Load		270 mA	0.41A	0.61A	0.77A	1A
Output Voltage		24V DC				
Output Current at Max Load		0.87A	1.75A	2.63A	3.3A	4.2A
Power Factor		0.95				
Efficiency		≥90%				
Operating Temp.		-4°F - 158°F				
Short Circuit Protection		Yes				
Overcurrent		Yes				
Open Circuit Protection		Yes				
Input Wires (White \ Black)		14 AWG				
Output Wires (Red \ Black)		18 AWG				
Dimensions (L*W*H)		6.77" x 2.67" x 1.26"				
Weight		17 oz				
Max Length	60 Series	13' 6"	27' 2"	40' 7"	50' 10'	65' 2"
	120 Series	6' 9"	13' 6"	20' 4"	25' 5"	32' 6"
	240 Series	3' 4"	6' 8"	10'	12' 6"	16'

FEATURES
- Dimmable with standard MLV/Incandescent TRIAC (Leading edge) dimmer switches
- Class 2
- UL 8750
- Nema 3R Enclosure
- IP67
- Auto-Reset Protection for short circuits, over-voltage, and over-temperature



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NOVA FLEX — PRODUCT INFORMATION

Your Flexible LED Lighting Solution

NOVA FLEX 60 SERIES - FLEXIBLE LED RIBBON LIGHTING

OVERVIEW

Nova Flex® 60 Series is our low wattage LED ribbon light that is perfect for accent lighting, cove lighting, and backlighting projects. With 60 LEDs per meter, you get a nicely spaced line of light that can run up to 30 feet before consuming as much power as a standard 40 watt bulb.

FEATURES
- High reliability
- Long life
- Dimming available
- Can be cut every third LED for 12V, every sixth LED for 24V
- Custom made to your specs

SPECIFICATIONS	12V	24V
Input Voltage	12V DC	24V DC
Maximum Continuous Run	32 ft	64 ft (49 ft continuous + small jumper + 15 ft)
Minimum Run.	3 LEDs	6 LEDs
CRI	85	
Lamp life	50,000 hours	
Viewing Angle	120°	
LEDs (per meter)	60/m	
Wattage	1.4 watts/ft.	
Operating Temp.	-15°F to 140°F	
Dimensions	0.404" Wide, 0.14" Tall	
Mounting Options	3M adhesive backing, Nova Flex Tracking	
Environment	Dry, Damp, Wet	
Certifications	UL Listed	
IP Rating	IP65	
Available Colors	Warm White 3225K & 2700K, Pure White 4100K & 6500K, Red, Blue, Green, Yellow	

APPLICATIONS
- Indoor / Outdoor
- Signage / Displays
- Accent / Backlighting
- Pathway / Stairway
- Kitchen / Bathroom
- Cove / Shelving
- Deck / Patio
- Unlimited Possibilities!

ALSO AVAILABLE IN
- IP68 Fully Submersible
- Indoor

Speak to your account manager for more information.

PRODUCT CODE	COLOR TEMPERATURE		LUMENS/FT
NF-WW-O-60-12V/24V-2700K	Warm White	2700K	188 lm/ft
NF-WW-O-60-12V/24V-3225K	Warm White	3225K	192 lm/ft
NF-PW-O-60-12V/24V-4100K	Pure White	4100K	176 lm/ft
NF-PW-O-60-12V/24V-6500K	Pure White	6500K	190 lm/ft
NF-R-O-60-12V/24V	Red	625nm	40 lm/ft
NF-B-O-60-12V/24V	Blue	465nm	22 lm/ft
NF-G-O-60-12V/24V	Green	525nm	72 lm/ft
NF-Y-O-60-12V/24V	Yellow	590nm	40 lm/ft

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LUMificient™ CORPORATION — ACCENT

SPECIFICATION FEATURES

Input: 6VAC

Power Consumption:
<1W per linear foot (3.28W per meter)

System Efficiency: >78%

Bending Radius: <0.5in (1.27mm)

Package Strip Length:
12.88 (3.81m) - available in 6 Module only
208 (7.62m)

Cutting Resolution:
LED strip can be cut between every module

Module Spacing:
2 in (50.8mm) - 6 Module per foot
2.4in (61mm) - 5 Module per foot
3 in (76.2mm) - 4 Module per foot

Operating Temperature:
-40°F to 140°F (-40°C to 60°C)

Construction: High Performance Flame Retardant Polyester Film with Adhesive Backing

LED Distribution Angle:
>120° 6500-120
160° 6500EE/4100EE/3000EE/2700EE

Lamp Life: 50,000 hours

Warranty: Limited 7 year

Drives Up To:
Power Supply HRLA-24 - 15ft (4.57m) total
Power Supply HRLA-PSSQ - 25ft (7.62m) total
Power Supply HRLA-96 - 35ft (10.67m) per output; 70ft (21.3m) total
Power Supply HRLA-277 - 35ft (10.67m) per output; 70ft (21.3m) total

6 MODULE/FT — 2in (50.8mm); 5/8in (16.8mm); 1/4in (6.35mm)
5 MODULE/FT — 2.4in (61mm); 5/8in (16.8mm); 1/4 in (6.35mm)
4 MODULE/FT — 3in (76.2mm); 5/8in (16.8mm); 1/4in (6.35mm)

ORDERING INFORMATION

MODEL	LED COLOR
HRLA-- ACCENT	R (Red)
	B (Blue)
	G (Green)
	Y (Amber)
	O (Orange)
	6500-120 (6500K Cool White) 120° Distribution Angle
	6500EE (6500K Cool White) 160° Distribution Angle
	4100EE (4100K Natural White) 160° Distribution Angle
	3000EE (3000K Warm White) 160° Distribution Angle
	2700EE (2700K Warm White) 160° Distribution Angle

All colors available in 6 Module, 5 Module & 4 Module per foot.
Package Strip Length:
12.88 (7.62m) - available in 6 module only
208 (3.81m)

COMPONENTS & KITS
- HRLA-HC Power Connector Kit (5 – 4ft, power connectors, 5 connector clips, 5 wire clamps, 10 IDC connectors)
- HRLA-JC Jumper Connector Kit (5 – 8in. jumper connectors, 10 connector clips, 5 wire clamps)
- HRLA-SC-P Support Clamps (50/pk)
- HRLA-CL2 12AWG Class 2 Wire (50ft/spool)
- HRLR-UMF U-Channel Extrusion - Mill
- HRLR-LE96B Clear lens cover for U-Channel

6.0VAC POWER SUPPLIES
- HRLA-24 Powers up to 15 feet (4.57m)
- HRLA-PSSQ Powers up to 25 feet (7.62m)
- HRLA-96 Powers up to 70 feet (21.3m)
- HRLA-277 Powers up to 70 feet (21.3m)

TECHNICAL SPECIFICATIONS VER. 01-19-18
PROJECT: TYPE:
VOLTAGE: COMMENTS:
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DESCRIPTION

ACCENT is a patented flexible LED illumination system that is broadly used for general illumination within commercial and residential applications. The Accent strip uses a continuous flexible conductor carrier to electronically connect the LED modules and is the only system in the industry with removable & replaceable LED modules. The strip can be mounted to any finished surface and because the adhesive covers 100% of the strip's back allows for faster installation. The Accent system uses a unique approach to making the electrical connections. To power the system simply take an LED out of the socket, plug in the power connector and replace the LED module on top of the connector. Then secure the power lead to the class 2 wire that runs to the power supply. Accent is incredibly versatile and its ease of installation makes it an excellent and economical choice for cove, undercover cabinet, toe kick, display case, light boxes, back lighting, stairway and other illumination applications. Accent is a leading choice in the LED accent illumination market based upon its design, flexibility in use, ease of installation, even illumination and superior energy savings when compared to most any other LED-based solution.

Lumificient Corporation • 8762 Mondovillo Lane North • Maple Grove, MN 55369 • 1.763.424.3702 • toll free 877.383.4032 • f 763.390.3135 • Lumificient.com • NASDAQ: RVLT

LUMificient™ CORPORATION — ACCENT Power Supplies

Specifications

TECHNICAL SPECIFICATIONS VER. 01-19-18
PROJECT: TYPE:
VOLTAGE: COMMENTS:
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Part Number (Description)	INPUT Voltage (Hz)	INPUT Current Max (A)	OUTPUT Voltage (Full Load)	OUTPUT Current Max (A)	OUTPUT Num ber of Output Terminals	ACCENT Minimum Load per Power Supply (Per Terminal)	ACCENT M oximum Load per Power Supply (Per Terminal)
HRLA-24	120VAC (60Hz)	0.2A	6.0 VAC Nom.	3.0A	1	No Minimum	1 6 Linear FT.
HRLA-PSSQ	120VAC (60Hz)	0.3A	6.0 VAC Nom.	4.0A	1	8 Linear FT.	25 Linear FT.
	230VAC (50/60Hz)	0.3A	6.0 VAC Nom.	4.0A	1	8 Linear FT.	25 Linear FT.
HRLA-96 (two output terminals)	120VAC (60Hz)	0.6A	6.0 VAC Nom.	6A / Terminal	2	20 Linear FT. (1 0 LFT / terminal)	70 Linear FT. (35 LFT / terminal)
	240VAC (50/60Hz)	0.3A					
HRLA-277 (two output terminals)	277V (50/60Hz)	0.3A	6.0 VAC Nom.	6A / Terminal	2	20 Linear FT. (1 0 LFT / terminal)	70 Linear FT. (35 LFT / terminal)

Environmental Rating: Dry/Damp

Saftey Approvals: meets UL 879, 5085

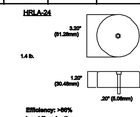
Regulation: <7%

Hi-POT: 4,000V (Primary to Secondary)

Intertek 4000878

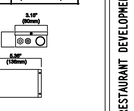
RoHS COMPLIANT

HRLA-24



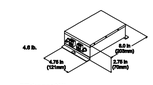
Efficiency: >90%
Input Termination:
pair of 24- 18AWG wire leads (Black - White)
Output Termination:
pair of 24" - 18AWG wire leads (Blue - Brown)
Overcurrent Protection:
3.0A Auto Resettable PTC Fuse
Transformer Insulation: Class A
Operating Temperature:
-40°F to 122°F (-40°C to 50°C)
Enclosure Requirements: See installation manual
Enclosure Flammability Rating: UL94 V
Saftey Approvals: UL2043, 1310

HRLA-PSSQ



Efficiency: >90%
Input Termination:
pair of 8in - 18AWG wire leads (Black - White)
Output Termination:
pair of 8in - 18AWG wire leads (Red - Red)
Overcurrent Protection:
4.0A Magnetic Breaker
Transformer Insulation:
Class B (266°F / 130°C)
Operating Temperature:
-40°F to 122°F (-40°C to 50°C)

HRLA-96



Efficiency: >90%
Input Termination:
Five 10" - 18AWG wire leads
Cutout for 1/2" conduit fitting
Output Termination:
Screw terminals, 10 - 12AWG wire leads
Overcurrent Protection:
5.0A Magnetic Breaker
Transformer Insulation:
Class B (266°F / 130°C)
Operating Temperature:
-40°F to 122°F (-40°C to 50°C)

HRLA-277

Efficiency: >90%
Input Termination:
Three 8" - 18AWG wire leads
Cutout for 1/2" conduit fitting
Output Termination:
Screw terminals, 10 - 12AWG wire leads
Overcurrent Protection:
5.0A Magnetic Breaker
Transformer Insulation:
Class B (266°F / 130°C)
Operating Temperature:
-40°F to 122°F (-40°C to 50°C)

Lumificient Corporation • 8762 Mondovillo Lane North • Maple Grove, MN 55369 • 1.763.424.3702 • toll free 877.383.4032 • f 763.390.3135 • Lumificient.com • NASDAQ: RVLT

REVISION	CONSTRUCTION DOCUMENT VERSION	ISSUE DATE
	ISSUED FOR PERMIT	12 MARCH 2018

LIGHTING BY DESIGN
Complete Architectural Lighting Solutions
600 West Cermak Road Chicago, IL 60616
4410 19th ST NW. Rochester, MN 55901
507-696-1849

PROPOSED RESTAURANT DEVELOPMENT FOR:

RESTAURANT & BAR

701 GORDON DR. SIOUX CITY, IA 51101

PROJECT NUMBER:	
FILE NAME:	NMAG
DRAWN BY:	
APPROVED:	
DRAWING TITLE:	
DRAWING SCALE:	AS SHOWN
DATE ISSUED:	AS SHOWN

SHEET NUMBER:

R1 OF 1

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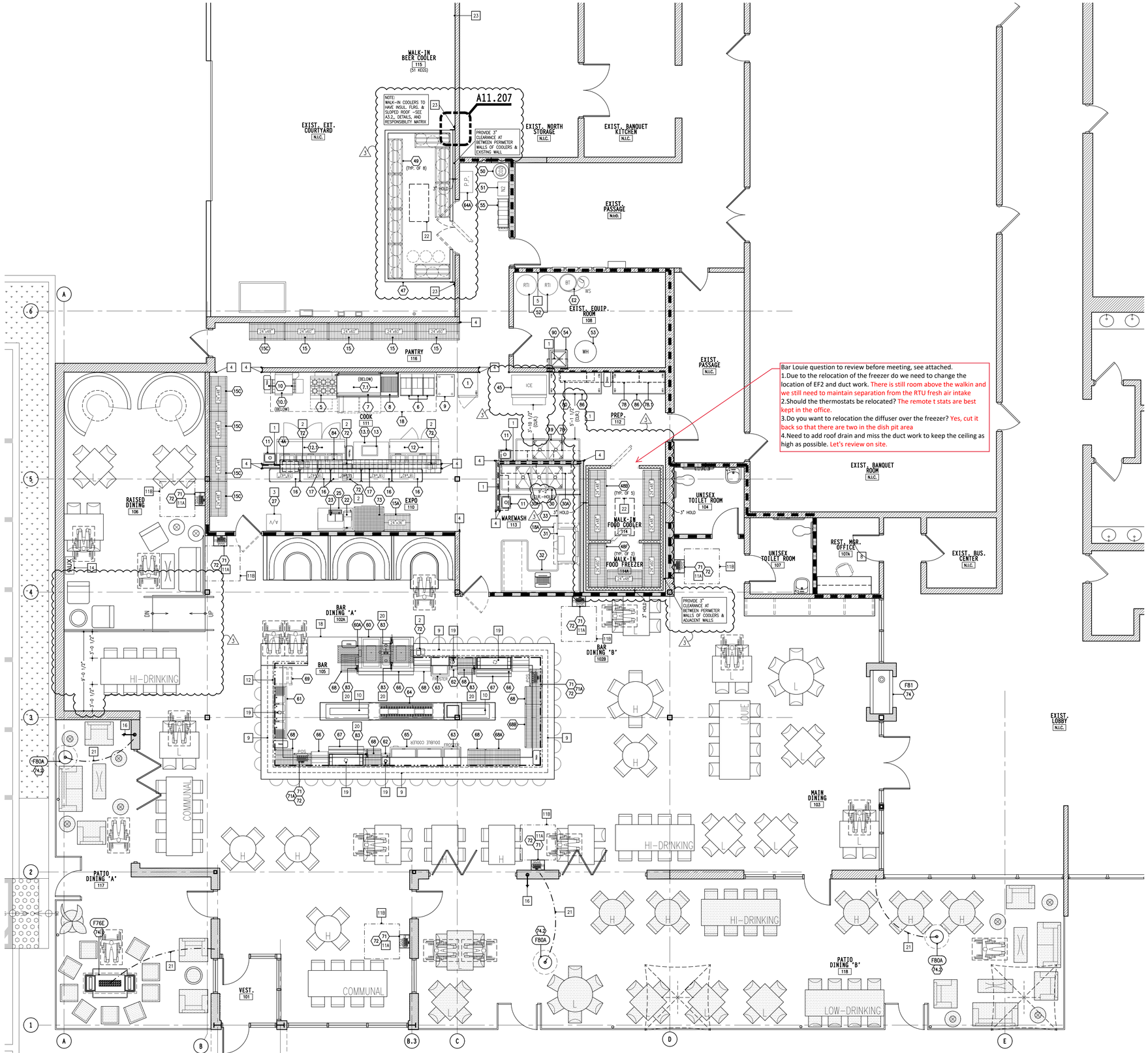

Bar Louie question to review before meeting, see attached.
1.Due to the relocation of the freezer do we need to change the location of EF2 and duct work. There is still room above the walkin and we still need to maintain separation from the RTU fresh air intake
2.Should the thermostats be relocated? The remote t stats are best kept in the office.
3.Do you want to relocation the diffuser over the freezer? Yes, cut it back so that there are two in the dish pit area
4.Need to add roof drain and miss the duct work to keep the ceiling as high as possible. Let's review on site.

A401 EQUIPMENT PLAN

SCALE: 3/16"=1'-0"

NORTH

EQUIPMENT PLAN GENERAL NOTES

1. ALL SCHEDULED KITCHEN & BAR FOOD SERVICE EQUIPMENT & ALL FURNITURE & FURNISHINGS WILL BE SUPPLIED F.O.B. JOB SITE BY OWNER, EXCEPT MILLWORK. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING UTILITY PROVISION, & SOFT CONNECTIONS SHALL BE BY OWNER. CONTRACTOR TO CONFIRM & COORDINATE ALL FOOD SERVICE EQUIPMENT UTILITY CONNECTIONS W/ OWNER'S KITCHEN EQUIPMENT CONSULTANT. OWNER SHALL PERFORM FINAL EQUIPMENT PLACEMENT & CONNECTIONS EXCEPT AS NOTED IN SCHEDULE.

2. OWNER TO SUPPLY (1) WALL-MOUNTED SOAP DISPENSER & (1) WALL-MOUNTED PAPER TOWEL DISPENSER AT EACH EMPLOYEE HAND SINK TO BE INSTALLED BY CONTRACTOR. CONTRACTOR TO INSTALL SIGN NOTIFYING "FOOD EMPLOYEES TO WASH THEIR HANDS" AT HAND SINKS.

3. G.C. SHALL PROVIDE SOLID FRT WOOD OR SHEET METAL BLOCKING / BACKING IN ALL WALLS AS REQUIRED FOR INSTALLATION OF ALL WALL-MOUNTED ACCESSORIES AND EQUIPMENT, REGARDLESS OF WHETHER ITEM IS PROVIDED BY OWNER OR G.C

4. CONTRACTOR TO PROVIDE DUMPSTER FOR THE DISPOSAL AND REMOVAL OF ALL BAR EQUIPMENT GARBAGE AND PACKAGING PRODUCED ON SITE. G.C. TO COORDINATE LOCATION WITH BASE BUILDING CONTRACTOR.

5. ALL SWITCHES, RECEPTACLES, AND COVER PLATES IN PUBLIC AREAS SHALL BE BLACK.

6. CONTRACTOR SHALL VERIFY ALL ROUGH-IN MECHANICAL AND ELECTRICAL REQUIREMENTS FOR ALL EQUIPMENT WITH OWNER'S FOOD SERVICE EQUIPMENT CONSULTANT.

7. AT ALL PLATFORM BOOTH LOCATIONS, INSTALL PERMANENT TABLE PLACARDS STATING "PLEASE WATCH YOUR STEP" AS PROVIDED BY OWNER.

8. WALL-MOUNTED EQUIPMENT SHALL BE SEALED AT WALL. FLOOR MOUNTED EQUIPMENT SHALL BE SEALED TO FLOOR OR ELEVATED ON 6"H. CLEARANCE LEGS. COUNTER-MOUNTED FIXED EQUIPMENT SHALL BE SEALED W/ NON-TOXIC SEALANT OR ELEVATED ON 4"H. CLEARANCE LEGS. FOOD / UTENSIL STORAGE SHELVES SHALL PROVIDE MINIMUM 6"H. CLEARANCE FROM FLOOR.

9. G.C. SHALL PROVIDE SOLID FRT WOOD OR SHEET METAL BLOCKING FOR OWNER-PROVIDED A/V EQUIPMENT.

POS CALCULATIONS

AREA SERVED	CALCULATION	# OF POS REQ'D
INTERIOR BAR:	2 (FIX. QTY.)	2 POS
BAR:	284	
	- 40	
INT. SEATS:	244	
(MINUS) BAR SEATS:	244/50 = 4.8	5 POS
TOTAL:		7 POS

EQUIPMENT PLAN KEYNOTES

1. WALL BLOCKING AS REQ'D. (TYP.) -SEE NOTE 3 (THIS SHT.) & ELEVATIONS SHT. A6.2
2. PRINTER STATION -SEE ELEC. DWGS. (TYP.) & ELEVATIONS ON SHT. A6.2
3. A/V -SEE ELEC. DWGS.
4. 60"H. S.S. CORNER GUARDS (TYP.)
5. INSTALL ELEC. OUTLET & CAT 5E OUTLET -SEE ELEC. DWGS.
8. SEE ELECTRICAL DWGS. FOR OFFICE ELECTRICAL REQUIREMENTS
9. INSTALL DUPLEX OUTLET W/ USB PORT @ 8'-0" O.C. ON DIE WALL PUBLIC SIDE AS HIGH AS POSSIBLE & CENTERED HORIZ. IN MILLWORK PANEL -SEE ELEC. DWGS. & BAR ELEV. SHT. A8
10. INTERNALLY LIT LIQUOR STEPS -SEE SHT. A9
11. 11A. POS STATION -SEE ELEC. DWGS. (TYP.) -SEE DETAIL 1004 FOR WALL-MNTD. TOUCH SCREEN & SHELF -BAR POS STATIONS ON WIRE SHELVES AS SHOWN
    11B. MAINTAIN CLEAR SPACE @ POS STATION AS SHOWN
12. INSTALL ADD'L. ELEC. OUTLET FOR OWNER FUTURE EQUIP. -VERIFY REQMTS. W/ OWNER IN FIELD
14. MUSIC LOCATION -SEE ELEC.
16. RECESSED HOSE BIB -SEE PLUMBING DWGS.
18. EXTEND BAR FLOORING BEYOND COCKTAIL STATION -SEE A5.101
19. UNDER-CABINET PLUG-IN LIGHT -SEE A301
20. SEE ENLARGED DETAIL ON SHT. A9 FOR EXTENDED BLKG. FOR SODA GUN HOLSTER SUPPORT (TYP. @ EA. SODA GUN LOC. @ BAR)
21. RUN GAS LINE UNDER GROUND TO FIRE FEATURE -SEE PLUMB. DRAWINGS.
22. WALK-IN COOLER CONDENSER MOUNTED ABOVE COOLER
23. PRE-FIN. ALUM. CLADDING -SEE A11.207

NOTE: CONTRACTOR TO REFER TO ELEC. DRAWINGS FOR ALL POINT OF SALE (P.O.S.), DATA, CABLE & POWER REQUIREMENTS FOR ALL PRINTERS & P.O.S. TERMINALS

REVISION	ISSUE DESCRIPTION	ISSUE DATE
	ISSUED FOR DEMOLITION PERMIT	12 FEBRUARY 2018
	ISSUED FOR PERMIT, BID, & L.L. REVIEW	12 MARCH 2018
1	SUPPLEMENTAL PLAN	03 APRIL 2018
2	PERMIT COMMENTS	13 APRIL 2018
3	OWNER CHANGES	24 APRIL 2018
4	FIELD CHANGES	24 APRIL 2018

barker/nestor + DESIGN
ARCHITECTURE
600 W. CERMAK #3C CHICAGO, IL 60616 TEL: 847+763+1692 FAX: 847+763+1697

PROPOSED RESTAURANT DEVELOPMENT FOR:

RESTAURANT & BAR

701 GORDON DR. SIOUX CITY, IA 51101

PROJECT NUMBER:	N1719E
FILE NAME:	BESO-MAIL_DIAGRAM FOR.DWG
DRAWN BY:	TS
APPROVED:	
DRAWING TITLE:	
DRAWING SCALE:	AS SHOWN
DATE ISSUED:	AS SHOWN

PROFESSIONAL SEAL:

LICENSED PROFESSIONAL ARCHITECT KEVIN J. BARKER 05808 IOWA

SHEET NUMBER:

A4 OF 28

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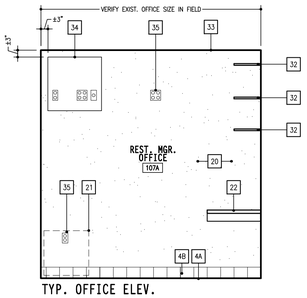
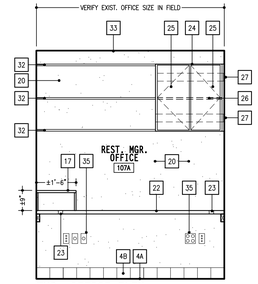


TYP. OFFICE ELEV.

A6.209 INT. ELEVATION
SCALE: 3/8"=1'-0"



TYP. OFFICE ELEV.

A6.208 INT. ELEVATION
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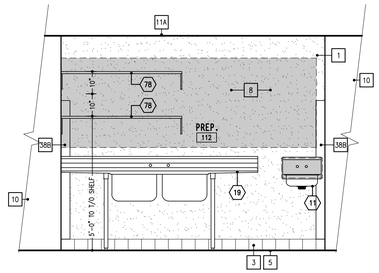

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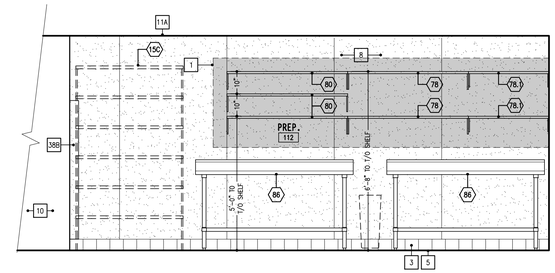

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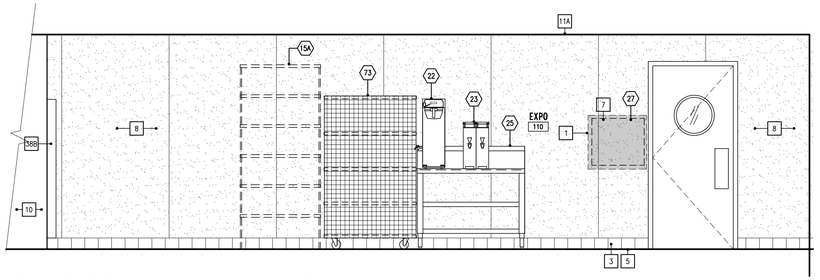

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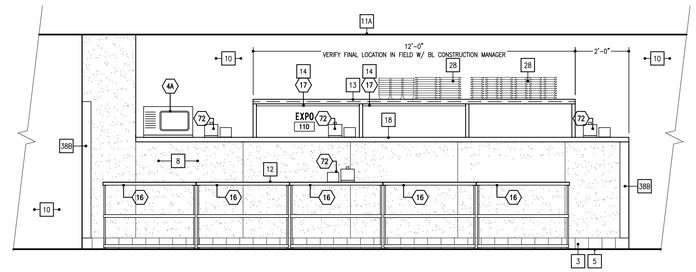

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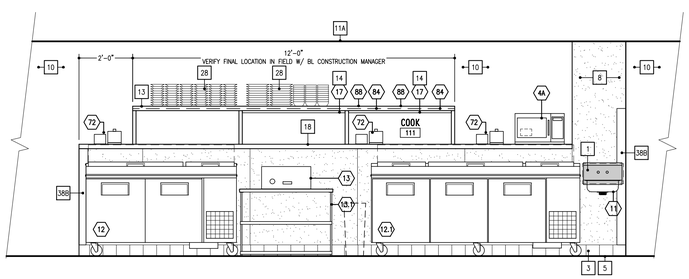

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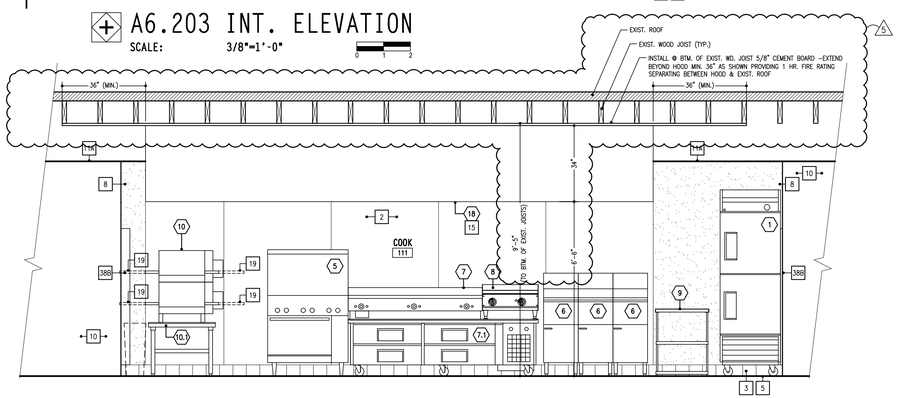
SCALE: 3/8"=1'-0"



A6.201 INT. ELEVATION
SCALE: 3/8"=1'-0"

KITCHEN / OFFICE ELEVATIONS KEYNOTES

1. PROVIDE FRT. 2X WOOD BLOCKING IN WALL CAVITY TO ACCOMMODATE ALL WALL MOUNTED EQUIPMENT
2. S.S. WALL PANELS
3. NEW/EXIST. 5"H. Q.T. COVED BASE (SEE PLANS
4. 4A. EXIST. FLOOR 4B. EXIST. BASE
5. 6"x6" Q.T. FLRG. W/ COVED BASE ON THIN-SET MORTAR (TYP.) -VERIFY EXIST. TO REMAIN FLRG. LOCATIONS IN FIELD W/ OWNER (FT-2)
7. WALL-MOUNTED A/V RACK LOCATION -VERIFY EXACT LOCATION & HEIGHT IN FIELD & PROVIDE BLOCKING AS REQ'D
8. "WHITE" CLASS C FRP W/ VINYL EDGING (TYP.) -SEE ROOM FINISH SCHEDULE SHT. A1.3
10. OPEN TO BEYOND
11. 11A. SUSP. VINYL-FACED CLG. TILE SYS. -SEE A301
12. S.S. FREE STANDING SHELVING WITH SOLID S.S. TOP SHELF BELOW PASS-THRU OPENING.
13. CUSTOM S.S. OVER SHELF AT PASS-THRU OPENING.
14. HEAT LAMP @ 14" ABOVE SHELF - SEE A401
15. EXHAUST HOOD -SEE MECH. DWGS.
18. S.S. PASS-THRU COUNTER
19. FUTURE CONVEYOR EXTENDERS
20. PAINT EXIST. GYP. BD. BEYOND (P-8)
21. FLOOR MOUNTED SAFE
22. PLASTIC LAMINATE WORK/ WRITING SURFACE, COLOR: "BLACK". CONT. SEALANT AT ALL EDGES.
23. COORDINATE LOCATIONS AND SIZES OF GROMMETS WITH OWNER.
24. 30" TALL, WALL MOUNTED CABINETS WITH PLASTIC LAMINATE SURFACE COVERING ALL EXPOSED EDGES.
25. CABINET DOORS WITH CONCEALED HINGES. VERIFY WITH OWNER LOCKING REQUIREMENTS.
26. (1) CONTINUOUS ADJUSTABLE SHELF, PLASTIC LAMINATE ON ALL EXPOSED EDGES.
27. (2) ROWS OF CONTINUOUS FRT WOOD BLOCKING
28. PLATE STORAGE
32. ADJUSTABLE SHELVES, PLASTIC LAMINATE ALL SIDES. (ST-2)
33. EXIST. CEILING -SEE A301
34. 3/4" FRT PLYWOOD PHONE BOARD MOUNTED AS SHOWN -PAINT PHONE BOARD TO MATCH GYP. BD. WALL
35. ELEC./DATA OUTLETS (TYP.) -SEE ELEC.
38. 38B. 60"H. S.S. CORNER GUARDS
43. EXIST. WALK-IN COOLER BEYOND
46. SURFACE MTD. CONDUIT & ANCHORS FOR POWER @ NEW EQUIPMENT

REVISION	ISSUE DESCRIPTION	ISSUE DATE
	ISSUED FOR PERMIT, BID, & L.L. REVIEW	12 MARCH 2018
1	SUPPLEMENTAL PLAN	03 APRIL 2018
2	PERMIT COMMENTS	13 APRIL 2018
3	OWNER CHANGES	24 APRIL 2018
4	FIELD CHANGES	24 APRIL 2018
5	ISSUED FOR FIELD CONDITIONS	07 AUGUST 2018

barker/nestor +
ARCHITECTURE + DESIGN
600 W. CERMAK #2C CHICAGO, IL 60616 TEL: 847-763-1692 FAX: 847-763-1697

PROPOSED RESTAURANT DEVELOPMENT FOR:

RESTAURANT & BAR

701 GORDON DR. SIOUX CITY, IA 51101

PROJECT NUMBER:	NYTHE
FILE NAME:	BESCO-ACL_KITCHEN ELEVS.DWG
DRAWN BY:	KS
APPROVED:	
DRAWING TITLE:	
DRAWING SCALE:	AS SHOWN
DATE ISSUED:	AS SHOWN

PROFESSIONAL SEAL:

LICENSED PROFESSIONAL ARCHITECT
KEVIN J. BARKER
05808
IOWA

SHEET NUMBER:

A6.2 OF 28

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EXTERIOR ELEVATION KEYNOTES

1. APPROX. LOCATION OF EXT. J-BOX – G.C. TO VERIFY LOCATION W/ OWNER SIGNAGE CONSULTANT –SEE A301 & ELEC.
2. PAINT EXISTING EIFS (TYP.) (P-13)
3. RELOCATED EXIST. ALUM. DOOR & FRAME
4. APPROXIMATE LOCATION OF OWNER WALL SIGNAGE – SEE SHT. A12.1 (FOR REFERENCE ONLY – SIGNAGE IS DESIGN/PERMIT/BUILD BY OTHERS)
5. DECORATIVE EXTERIOR WATER PROOF AWNING LIGHT FIXTURE (TYP.)
6. 48"H DECORATIVE WALL SCONCE CENTERED HORIZ. IN WALL CONST. –SEE A301 & ELEC. DWGS. (TYP.)
7. STANDARD EXTERIOR WATER PROOF WALL SCONCE –SEE A301 & ELECTRICAL DWGS. (TYP.)
8. ALUM/GLASS STOREFRONT SYSTEM – SEE CONSTRUCTION PLAN NOTE #31 ON SHT. A2
9. EXIST. STOREFRONT
10. ALUM/GLASS FOLDING PANEL STOREFRONT SYSTEM – SEE CONSTRUCTION PLAN NOTE #20 ON SHT. A2
11. NEW WALL & PARAPET CONST. –SEE PLANS & DETAILS
12. NEW PARAPET ABOVE EXIST. WALL CONST. –EXTEND EIFS FROM BELOW –SEE PLANS & DETAILS (P-13)
13. HOURS OF OPERATION VINYL SIGNAGE –PROVIDED BY OWNER
14. APPROXIMATE LOCATION OF OWNER CHANNEL LETTERS SIGNAGE – SEE SHT. A12.1 (FOR REFERENCE ONLY – SIGNAGE IS DESIGN/PERMIT/BUILD BY OTHERS) DASHED LINE DENOTES NEW FABRIC AWNING –DESIGN/PERMIT/BUILD BY OTHERS –SEE SHT. A12.1 (SHOWN FOR REFERENCE ONLY)
15. EIFS BAND (TYP.) (P-6)
17. COMPOSITE DECKING (TYP.) (CD-1)
18. 18A. PATCH & REPAIR EXIST. EIFS & PAINT 18B. EXTEND EXIST. EIFS FROM BELOW & PAINT –MATCH EXIST. TEXTURE
19. EXIST. WALL SCONCE TO REMAIN –SEE A001 & ELEC.
20. BLACK EXTERIOR GRADE TILE BASE (TYP.) (GR-3)
21. PRE-FAB. DECORATIVE METAL CANOPY –SEE PLANS (CP-1)
22. BRAKE METAL WALL BAND (COLOR: MATCH FINISH BELOW) (P-4)
23. PRE-FIN. METAL COPING (COLOR: BLACK)
24. EXIST. ROOF BEYOND (TYP.)
25. RAISE EXIST. OPNG. –SEE STRUCT.
26. NEW MTL. SIDING (TYP.) (MP-1)
27. NEW ROOF BEYOND (TYP.) –SEE A2.1 & STRUCT.
28. APPROXIMATE LOCATION OF OWNER VINYL WINDOW GRAPHICS –SEE SHT. A12.1 (PROVIDED BY OWNER)
29. PROVIDE 1/2" REVEAL AT NEW & EXIST. EIFS JOINT
30. STRING LIGHT ANCHOR SUPPORT –SHOWED DASHED FOR CLARITY –SEE A3.104 (TYP.)
31. WATER PROOF STRING LIGHTS (TYP.)

EXTERIOR MATERIALS SPECIFICATION

EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)
PAREX USA, MODEL STANDARD WATERMASTER (OR EQUAL) FINE SAND TEXTURE FINISH OVER MESH, INSULATION BOARD IN "Z-GRIT" FURRING STRIPS ON 1/2" CDX PLYWOOD, ON METAL STUD FRAMING. USE PAREX USA APPROVED/QUALIFIED SEALANT AT COLOR TO MATCH EIFS –SEE A1104, DETAILS, & STRUCT.
–COLOR AS SHOWN (P-X)

TYPICAL COMPOSITE WOOD WALL COVERING
TREX , SPICED RUM, 1x8 COMPOSITE WOOD SIDING ON 0.75"x1.65" TRIM BOARDS (PAINTED BLACK) ON CONTINUOUS BATTEN BOARDS (PAINTED BLACK) ON SMOOTH FACED HARDIE PANELS (PAINTED BLACK) ON "Z-GRIT" FURRING STRIPS (HORIZONTALLY) WITH POLYISOCYANURATE RIGID INSULATION WITH COMMERCIAL BUILDING WRAP ON 1/2" CDX PLYWOOD ON METAL STUD FRAMING –SEE DETAILS & STRUCT. (CD-1)

ALUM/GLASS EXTERIOR WINDOW SYSTEM
KAWNEER 8500 PRE-FINISHED ALUMINUM FRAMES (COLOR : BLACK) W/ 1"T. CLEAR TEMPERED INSULATED GLASS PANELS
–SEE SHT. A2 FOR ADDITIONAL INFORMATION

FOLDING PANEL SYSTEM:
FRAME COLOR: BLACK MANUFACTURER: PANDA WINDOWS & DOORS. MODEL: SERIES 110 ULTRA W/ MIN. 1"T. CLEAR INSULATED/TEMPERED DOUBLE PANE LOW-E GLASS.
–SEE SHT. A2 FOR ADDITIONAL INFORMATION

TYPICAL MEMBRANE ROOF CONSTRUCTION
EVERGUARD TPO 80 MIL. WHITE MEMBRANE ROOFING SYSTEM, TO UNDERSIDE OF COPING, ON POLYISOCYANURATE RIGID INSUL. (R–25) OVER CORR. MTL DECKING & STL. ROOF JOISTS W/ CONT. VAPOR BARRIER, (TYP.) –SEE DETAILS & STRUCT.
THE CONTRACTOR SHALL WARRANT THE ROOF APPLICATION WITH RESPECT TO WORKMANSHIP AND PROPER APPLICATION FOR TWO (2) YEARS FROM THE EFFECTIVE DATE OF THE WARRANTY ISSUED BY THE MANUFACTURER.

METAL SIDING WALL SYSTEM
PAC–CLAD 12" FLUSH, COLOR ZINC, MTL. PANELS, WITH 4" WIDE CONTINUOUS FASTENER STRIPS WITH POLYISOCYANURATE RIGID INSULATION ON 1/2" CDX PLYWOOD ON METAL STUD FRAMING –SEE DETAILS AND STRUCT. DRAWINGS (MP-1)

PREFAB LOUVERED CANOPY
MAPES ARCHITECTURAL CANOPIES (CP-1)
STYLE: SUPERSHADE
FACIA OPTION: 12" SMOOTH FACE
DECK OPTION: .110" LOUVER
FINISH: TWO COAT KYNAR
COLOR: BLACK
–SEE PLANS & DETAILS
–G.C. TO PROVIDE SUPPORT BLOCKING AS REQ'D.

NOTE:

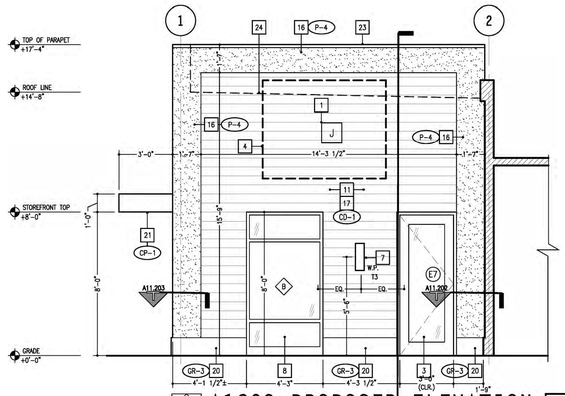
G.C TO COORDINATE FINAL SIZES AND LOCATIONS OF SIGNAGE AND AWNINGS WITH OWNER'S DESIGN/PERMIT/BUILD SIGNAGE & AWNING VENDOR. G.C. TO PROVIDE WALL BLOCKING AND/OR STRUCTURAL REINFORCEMENT AS REQUIRED BY THE OWNER'S DESIGN/PERMIT/BUILD SIGNAGE & AWNING VENDOR IN THE BASE BID AT NO ADDITIONAL CHARGE TO OWNER. THIS NOTE IS FOR GENERAL INFORMATIONAL PURPOSES ONLY. BARKER NESTOR, INC. / ARCHITECT ASSUME NO RESPONSIBILITY WHATSOEVER FOR THE STRUCTURAL ADEQUACY (OR LACK THEREOF) OF THE WALL BLOCKING AND/OR STRUCTURAL REINFORCEMENT REQUIRED BY THE OWNER'S DESIGN/PERMIT/BUILD SIGNAGE & AWNING VENDOR TO PROPERLY SUPPORT THEIR WORK

AT ALL EXTERIOR PAINT LOCATIONS, G.C. SHALL VERIFY COLOR SELECTION W/ OWNER PRIOR TO PROCEEDING.
G.C. SHALL PAINT A MOCK–UP OF EXTERIOR SELECTED PAINT COLORS ON THE BUILDING, FOR OWNER FINAL REVIEW, MINIMUM 60 S.F. FOR EACH SELECTED PAINT.

ALL EXTERIOR SIGNAGE TO BE DESIGN/ PERMIT/ BUILD BY OTHERS. G.C. TO PROVIDE ELECTRICAL POWER AS PART OF THIS PERMIT SUBMITTAL.

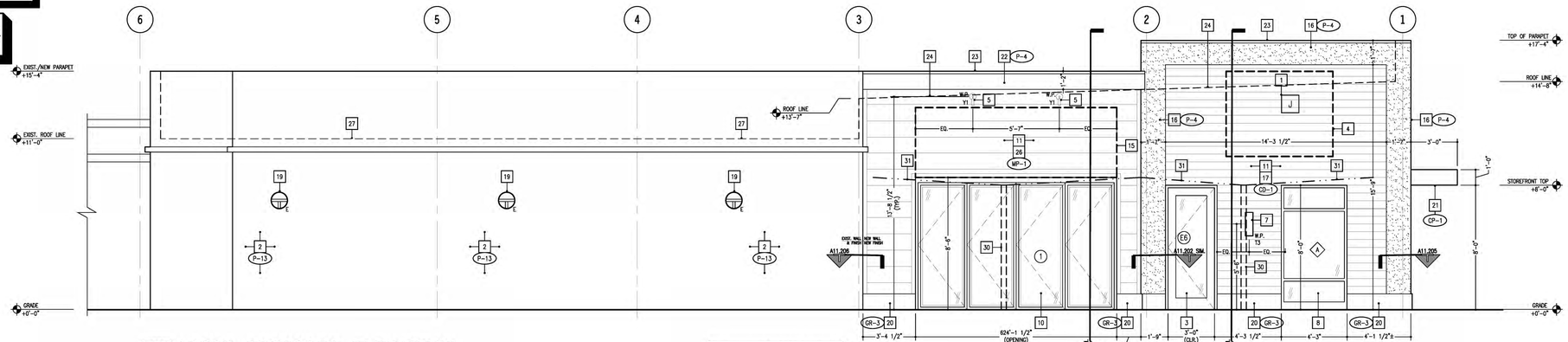
FINAL DIMENSIONS FOR ALL ALUMINUM/GLASS STOREFRONT SYSTEMS TO BE VERIFIED ON FUTURE SHOP SUBMITTALS OR IN THE FIELD AFTER CONSTRUCTED

NOTE TO PERMIT PLAN REVIEWER:
SIGNAGE/AWNING ARE NOT PART OF THIS PERMIT SET AND SHOWN ONLY FOR REFERENCE/BID.



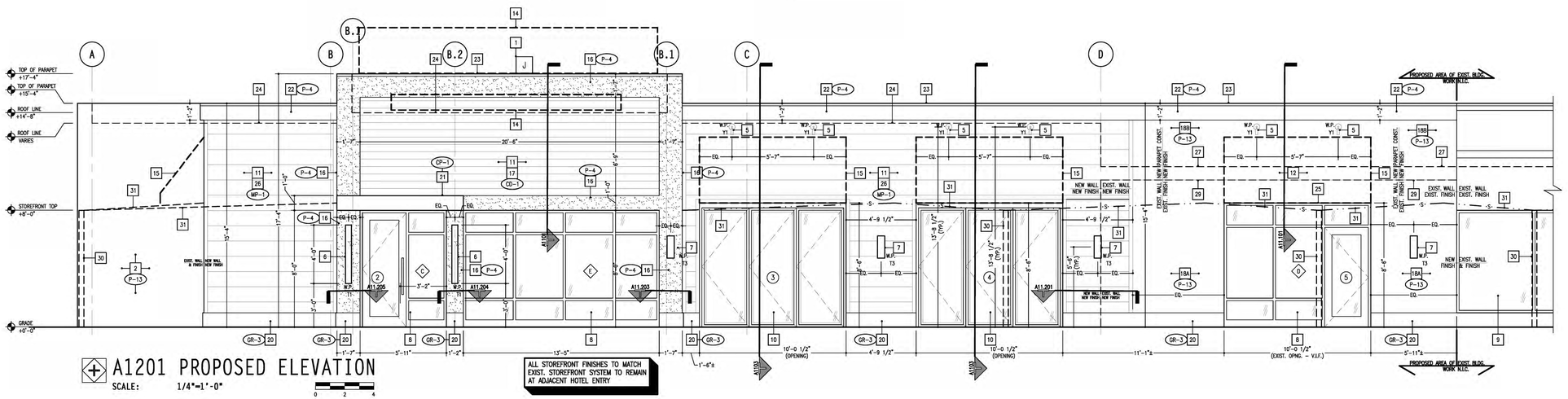
A1203 PROPOSED ELEVATION
SCALE: 1/4"=1'-0"

ALL STOREFRONT FINISHES TO MATCH EXIST. STOREFRONT SYSTEM TO REMAIN AT ADJACENT HOTEL ENTRY



A1202 PROPOSED ELEVATION
SCALE: 1/4"=1'-0"

ALL STOREFRONT FINISHES TO MATCH EXIST. STOREFRONT SYSTEM TO REMAIN AT ADJACENT HOTEL ENTRY



A1201 PROPOSED ELEVATION
SCALE: 1/4"=1'-0"

ALL STOREFRONT FINISHES TO MATCH EXIST. STOREFRONT SYSTEM TO REMAIN AT ADJACENT HOTEL ENTRY

REVISION	ISSUE DESCRIPTION	ISSUE DATE
	ISSUED FOR STRUCTURAL ENGINEERING	01 FEBRUARY 2018
	ISSUED FOR DEMOLITION PERMIT	12 FEBRUARY 2018
	ISSUED FOR PERMIT, SIG. & L.I. REVIEW	12 MARCH 2018

barker/nestor+ ARCHITECTURE+DESIGN
600 W. CERMAK #3C CHICAGO, IL 60616 TEL: 847-763-1992 FAX: 847-763-1997

PROPOSED RESTAURANT DEVELOPMENT FOR:
BAR RESTAURANT & BAR
701 GORDON DR, SIOUX CITY, IA 51101

PROJECT NUMBER:	N17136
FILE NAME:	B-SSS-A12.DR.EXTERIOR
DRAWN BY:	JS
APPROVED:	
DRAWING TITLE:	
DRAWING SCALE:	AS SHOWN
DATE ISSUED:	AS SHOWN

PROFESSIONAL SEAL:
LICENSED PROFESSIONAL ARCHITECT KEVIN J. BARKER 05808 IOWA

SHEET NUMBER:
A12 OF 28

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WOOD STAIN PROCEDURE (ST-1 ONLY)

STEP 1 – APPLY 50/50 MIX OF MINWAX SPECIAL WALNUT AND RED MAHOGANY TO ALL SURFACES. WIPE TRIM FIRST, THUS ALLOWING STAIN TO PENETRATE AND DRY ON PANEL SURFACES. WIPE PANELING. ALLOW TO DRY FOR AT LEAST 4 HOURS

STEP 2 – APPLY MINWAX RED MAHOGANY ON TRIM. ALLOW TO DRY FOR AT LEAST 4 HOURS

STEP 3 – APPLY (2) COATS OF GEMINI HIGH BUILD SANDING SEALER (MFR: GEMINI INDUSTRIES, INC.)

STEP 4 – APPLY (2) COATS OF GEMINI ULTRA SOLIDS STING LACQUER (MFR: GEMINI INDUSTRIES, INC.)

NOTE: ALL WOOD VENEER PANELS TO RECEIVE STAIN ARE TO BE: WHITE MAPLE; PLAIN-SAWN.

COATING SCHEDULE

A. HM DOORS & FRAMES:
   1 COAT INTERIOR PRIMER
   2 COATS TOPCOATS. (SEMI-GLOSS)

B. WOODWORK BACKPRIMING
   1ST COAT: WOOD UNDERCOATER
   2ND COAT: SPREAD ULTRA SEMIGLOSS ENAMEL

C. GYPSUM WALLBOARD
   1ST COAT: PRIMER SEALER
   2ND COAT: REFER TO FINISH LEGEND ON DWGS.
   3RD COAT: SAME AS SECOND COAT

D. STAINS: PANELING, DOORS, TRIMS – SATIN RUBBED FINISH
   1) 2 – 3 COATS STAIN BRUSH APPLIED AND WIPED IMMEDIATELY WITH SOFT COTTON RAGS OR AS NECESSARY TO ACHIEVE, SEALER SHEEN COLOR PER CORPORATE.
   2) ALL SEALERS SHALL BE BRUSH APPLIED WITH SATIN FINISH. WAIT 24 HOURS AFTER FINAL STAINING. 3 COAT PROCESS, OIL BASED POLYURETHANE PER MANUFACTURE'S INSTR.
      A. FIRST COAT SHALL BE SANDING SEALER.
      B. FILL ALL PORES, GRAINS SMOOTH.
      C. THREE COATS AT CASEWORK.
      D. FIRE RETARDANT TREATMENT IF INDICATED. CLASS I RATING

E. EXTERIOR STEEL (FERROUS AND NON-FERROUS METALS SHALL BE COATED UP TO INDUSTRY STANDARD)
   1. 2 COATS RUST INHIBITOR / PRIMER.
      2 COATS SEMI-GLOSS TOP COATS

NOTE: SIMILAR DETAIL @ BUILDING FACADE

MATERIAL & FINISH SYMBOL LEGEND

P-1 — PAINT
MANUFACTURER: BENJAMIN MOORE
MODEL #: HC-34
COLOR: WILMINGTON TAN
FINISH: (SEE PAINT FINISH SCHEDULE)

P-2 — PAINT
MANUFACTURER: BENJAMIN MOORE
MODEL #: 487
COLOR: LIBERTY PARK
FINISH: (SEE PAINT FINISH SCHEDULE)

P-3 — PAINT
MANUFACTURER: BENJAMIN MOORE
MODEL #: 2134–30
COLOR: IRON MOUNTAIN
FINISH: (SEE PAINT FINISH SCHEDULE)

P-4 — PAINT
MANUFACTURER: BENJAMIN MOORE
MODEL #: KENDALL CHARCOAL
COLOR: HC-166
FINISH: (SEE PAINT FINISH SCHEDULE)

P-5 — PAINT
MANUFACTURER: BENJAMIN MOORE
MODEL #: PM-9
COLOR: BLACK
FINISH: (SEE PAINT FINISH SCHEDULE)

P-6 — PAINT
MANUFACTURER: MAGNAMAGIC
MODEL #: MCP5840
COLOR: CHALK-BOARD
FINISH: (SEE PAINT FINISH SCHEDULE)

P-7 — PAINT
MANUFACTURER: BENJAMIN MOORE
MODEL #: TOWNSEND HARBOR
COLOR: HC-154
FINISH: (SEE PAINT FINISH SCHEDULE)

P-8 — PAINT
MANUFACTURER: BENJAMIN MOORE
MODEL #:
COLOR: INTERIOR WHITE
FINISH: (SEE PAINT FINISH SCHEDULE)

P-9 — PAINT
MANUFACTURER: BENJAMIN MOORE
MODEL #: 415
COLOR: RIVERDALE GREEN
FINISH: SATIN

P-10 — PAINT
MANUFACTURER: BENJAMIN MOORE
MODEL #: 756
COLOR: VARSITY BLUES
FINISH: SATIN

P-11 — PAINT
MANUFACTURER: BENJAMIN MOORE
MODEL #: 2080–10
COLOR: RASPBERRY TRUFFLE
FINISH: (SEE PAINT FINISH SCHEDULE)

P-12 — PAINT
MANUFACTURER: BENJAMIN MOORE
MODEL #: 2108–20
COLOR: SIERRA SPRUCE
FINISH: (SEE PAINT FINISH SCHEDULE)

P-13 — PAINT
MANUFACTURER: BENJAMIN MOORE
MODEL #: AC–26
COLOR: COARK SHADOWS
FINISH: (SEE PAINT FINISH SCHEDULE)

P-14 — PAINT
MANUFACTURER: BENJAMIN MOORE
MODEL #:
COLOR: TBD
FINISH:

P-15 — PAINT
MANUFACTURER: BENJAMIN MOORE
MODEL #:
COLOR: TBD
FINISH:

CO-1 — COMPOSITE DECKING (SEE SHT. A12)
MANUFACTURER: TREX
MODEL #: SPICED RUM

CP-1 — PRE-FAB. MTL. CANOPY (SEE SHT. A12)
MANUFACTURER: **MAPES ARCHITECTURAL CANOPIES**
STYLE: **SUPERSHADE**
COLOR: BLACK

BV-1 — **CUT BRICK VENEER:**
MANUFACTURER: COLONIAL BRICK
SIZE: 8"L x 2 1/4"H x 5/8"D
COLOR: FULL RANGE
CONTACT: COLONIALBRICKCHICAGO.COM
NOTE: INSTALLED OVER METAL LATH

GR-1 — **2CM GRANITE COUNTER:**
MANU.: –
MODEL#: UBATUBA
FINISH: LEATHERED

GR-2 — **3CM GRANITE COUNTER:**
MANU.: –
MODEL#: –
FINISH: HONED
COLOR: BLACK

GR-3 — **12"H EXTERIOR GRADE TILE BASE:**
MANU.: –
MODEL#: –
FINISH: T.B.D.
COLOR: BLACK

FT-1 — **PORCELAIN TILE 18"x18"**
(FULL TILE CUT IN HALF)
MANUFACTURER: GLENROCK
MODEL #: GRAPHITE (SLATE-LOOK)
CONTACT: GLENROCK DISTRIBUTING (303) 761-8453
GROUT: LATICRETE SANDED 1/4" #45 RAVEN

FT-2 — **6"x6" QUARRY TILE**
MANUFACTURER: DAL-TILE
MODEL #: T-08
COLOR: SAHARA SAND
TYPE: ABRASIVE AT WALKWAYS, SMOOTH UNDER EQUIPMENT
ACCESSORIES: COVE BASE AND ALL TRIMS AS REQ'D.
FINISH APPLY COMMERCIAL SEALER PER MANU. RECOMMENDATIONS TO INSTALLED TILE AND GROUT
GROUT: SANDED #35 NAJAVO BROWN

MP-1 — **PRE-FIN. METAL WALL PANELS**
MANUFACTURER: PAC-CLAD
MODEL#: 12" FLUSH
COLOR: ZINC

LVT-1 — **VINYL WOOD FLOORING TILE 7"x48"**
MANUFACTURER: VG INCORPORATED COMMERCIAL FLOORING
STYLE: NATURES VIEW STYLE: RUSTIQUE 40MIL LUXURY VINYL PLANKS
COLOR: WHISKEY CROSS CUT NMR5478

LVB-2 — **VINYL WOOD BASE TILE 7"x48"**
MANUFACTURER: VG INCORPORATED COMMERCIAL FLOORING
STYLE: NATURES VIEW STYLE RUSTIQUE
40MIL LUXURY VINYL PLANKS
COLOR: WHISKEY CROSS CUT NMR5478

ST-1 — **WD. STAIN**
MANUFACTURER: MINWAX
MODEL #: CUSTOM MIX
COLOR: 50% SPECIAL WALNUT 224
50% RED MAHOGANY 225
FLAME SPREAD RATING: CLASS 'A' MIN.
FINISH: SATIN
SEE STAIN PROCEDURE BOXED NOTE ON SHEET A5.1.

ST-2 — **WD. STAIN**
MANUFACTURER: MINWAX
MODEL #: CUSTOM MIX
COLOR: 40% SPECIAL WALNUT 224
40% RED MAHOGANY 225
20% EBONY
FLAME SPREAD RATING: CLASS 'A' MIN.
FINISH: SATIN

CS-1 — **CLEAR SEALER (2 COATS), (STEEL)**
MANUFACTURER:
MODEL #:
COLOR:
FINISH: MATTE

CS-2 — **CONCRETE CLEAR SEAL:**
MANU.: LITHOCHROME
MODEL#: CEMENTONE CLEAR SEALER
COLOR: CLEAR

SC-2 — **SEALED CONCRETE:**
MANU.: QUEST MARK
MODEL#: DIAMOND QUEST SYSTEM
GRIND AND SEAL ONLY
COLOR: NONE (CLEAR)
FINISH: LEVEL 1

REFER TO CONCRETE FINISH PROCEDURE ON SHEET A2.2 FOR ADDITIONAL INFORMATION

PAINT FINISH SCHEDULE

1. F.O.H. & RESTROOM WALLS	=	SATIN
2. F.O.H. & RESTROOM CEILINGS	=	SATIN
3. B.O.H. WALLS	=	SEMI-GLOSS
4. B.O.H. CEILINGS	=	SEMI-GLOSS
5. MTL. DOOR FRAMES	=	SEMI-GLOSS

DOOR SCHEDULE

DOOR HARDWARE NOTE:
G.C. TO FIELD VERIFY ALL EXISTING DOOR HARDWARE, DIRECTION OF SWINGS, AND PROPER DOOR OPERATION FOR ALL DOORS TO REMAIN. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.

DOOR NO. (X)	ROOM NAME	ROOM NO.	WIDTH	HEIGHT	DOOR THICKNESS	DOOR MATERIAL	FRAME MATERIAL	DOOR /FRAME FINISH	DOOR TYPE	FIRE RATING	REMARKS
E1	PANTRY	106	3'–0"	7'–0"	1 3/4"	H.M.	H.M.	PAINT/PAINT	F.2	0	–
E2	EXIST. EQUIP. ROOM	108	3'–0"	7'–0"	1 3/4"	H.M.	H.M.	PAINT/PAINT	–	0	–
E4	EXIST. MGR. OFFICE	107A	3'–0"	7'–0"	1 3/4"	WOOD	H.M.	EXIST./EXIST.	–	0	RE–SWING DOOR
E5	EXIST. NORTH STORAGE	N.I.C.	(2) 3'–0"	7'–0"	1 3/4"	H.M.	H.M.	EXIST./EXIST.	–	0	EXIST. RELOCATED DOORS
E6	BAR DINING 'B'	102B	(2) 3'–0"	8'–0"	1 3/4"	ALUM.	ALUM.	EXIST./EXIST.	–	0	EXIST. SLAVAGED/RELOCATED
E7	BAR DINING 'B'	102B	(2) 3'–0"	8'–0"	1 3/4"	ALUM.	ALUM.	EXIST./EXIST.	–	0	EXIST. SLAVAGED/RELOCATED
1	BAR DINING 'B'	102B	13'–0"	8'–6"	1 1/2"	ALUM.	ALUM.	SEE EXTERIOR ELEVS.	G	0	–
2	VESTIBULE	101	3'–0"	8'–0"	1 3/4"	ALUM.	ALUM.	SEE EXTERIOR ELEVS.	A	0	–
3	BAR DINING 'B'	102B	10'–0"	8'–6"	1 1/2"	ALUM.	ALUM.	SEE EXTERIOR ELEVS.	G	0	–
4	BAR DINING 'B'	102B	10'–0"	8'–6"	1 1/2"	ALUM.	ALUM.	SEE EXTERIOR ELEVS.	G	0	–
5	MAIN DINING	103	3'–0"	7'–0"	1 3/4"	ALUM.	ALUM.	SEE EXTERIOR ELEVS.	B	0	–
6	EXIST. LOBBY	N.I.C.	(2) 3'–0"	8'–0"	1 3/4"	ALUM.	ALUM.	PRE–FAB.	A	0	–
7	UNISEX TOILET ROOM	104	3'–0"	7'–0"	1 3/4"	S.C. WD.	H.M.	STAIN/PAINT	D	–	SLAB TYPE DOOR –SEE BID ALTERNATE #11
8	EXIST. PASSAGE	–	3'–0"	7'–0"	1 3/4"	H.M.	H.M.	PAINT/PAINT	F	0	–
9	TO EXIST.	110	3'–0"	7'–0"	1"	S.S.	H.M.	–/PAINT	E	0	'ELIASON' DOOR SPC–3
10	EXPO	110	3'–0"	7'–0"	1"	S.S.	H.M.	–/PAINT	E	0	'ELIASON' DOOR SPC–3
11	VESTIBULE	101	3'–0"	8'–0"	1 3/4"	ALUM.	ALUM.	PRE–FAB.	B	0	–
12	EXIST. PASSAGE	–	3'–0"	7'–0"	1 3/4"	H.M.	H.M.	PAINT/PAINT	B	0	–
13	UNISEX TOILET ROOM	107	3'–0"	7'–0"	1 3/4"	WOOD	EXIST. H.M.	STAIN/PAINT	–	0	

NOTES
#1. ALL HARDWARE & DOORS TO BE FULLY A.D.A. COMPLIANT & OPERATE IN DIRECTION OF EGRESS WITHOUT KEY OR SPECIAL KNOWLEDGE DURING ALL TIMES OF PREMISES OCCUPANCY.
#2. G.C. TO VERIFY ALL DOOR SIZES, SIDELITE & TRANSOM SIZES IN FIELD PRIOR TO ORDERING.
#3. ALL DOORS TO THE OUTSIDE TO BE INSECT/RODENT–PROOF, & THE BUILDING ENVELOPE SHALL BE SEALED PER 2009 IECC, SECTION 502.4.3
#4. ALL GLAZING IN DOORS, SIDELITES, & TRANSOMS SHALL BE TEMPERED.
#5. ALL EXISTING DOORS & FRAMES TO REMAIN SHALL BE RE–FURBISHED & RE–FINISHED TO 'LIKE NEW' CONDITION.

DOOR HARDWARE NOTE:
G.C. SHALL RE–CORE / RE–KEY ALL LOCKS AT PROJECT TURNOVER TO OWNER AND SHALL PROVIDE (4) GREAT GRAND MASTER KEYS (ALL LOCKSETS) AND (4) GRAND MASTER KEYS (ALL LOCKS EXCEPT MGR. OFFICE #107A)

STOREFRONT SCHEDULE

EXTERIOR DOOR & WINDOW FINISH NOTE:
REFER TO EXTERIOR ELEVATIONS FOR ALL FINISHES ON ALUMINUM & GLASS STOREFRONT DOORS, OVERHEAD DOORS, AND WINDOW SYSTEMS.

WINDOW OPENING NO. (X)	OPENING SIZE * WIDTH	OPENING SIZE * HEIGHT	WINDOW TYPE	MATERIAL	FINISH	REMARKS (SEE ELEVATIONS)
A	4'–0"	8'–0"	FIXED	ALUM.	SEE EXTERIOR ELEV.'S	SEE PLAN CONSTRUCTION NOTE #31 SHEET A2.
B	4'–0"	8'–0"	FIXED	ALUM.	SEE EXTERIOR ELEV.'S	SEE PLAN CONSTRUCTION NOTE #31 SHEET A2.
C	2'–9"	8'–0"	FIXED	ALUM.	SEE EXTERIOR ELEV.'S	SEE PLAN CONSTRUCTION NOTE #31 SHEET A2.
D	10'–0"	8'–6"	FIXED	ALUM.	SEE EXTERIOR ELEV.'S	SEE PLAN CONSTRUCTION NOTE #31 SHEET A2.
E	13'–5"	8'–6"	FIXED	ALUM.	SEE EXTERIOR ELEV.'S	SEE PLAN CONSTRUCTION NOTE #31 SHEET A2.
F	7'–4"	8'–0"	FIXED	ALUM.	MATCH EXTERIOR	SEE PLAN CONSTRUCTION NOTE #31 SHEET A2.
G	3'–2"	8'–0"	FIXED	ALUM.	MATCH EXTERIOR	SEE PLAN CONSTRUCTION NOTE #31 SHEET A2.
H	8'–4"	8'–0"	FIXED	ALUM.	SEE EXTERIOR ELEV.'S	SEE PLAN CONSTRUCTION NOTE #31 SHEET A2.
J	10'–6"	8'–0"	FIXED	ALUM.	SEE EXTERIOR ELEV.'S	SEE PLAN CONSTRUCTION NOTE #31 SHEET A2.

NOTES:
– ALL EXTERIOR STOREFRONT SHALL HAVE MIN. 6" BASE.
– ALL DIMENSIONS SHALL BE VERIFIED IN FIELD BY CONTRACTOR PRIOR TO FABRICATION.

ROOM FINISH SCHEDULE

NOTE: RECESSED LIGHTING WHITE TRIMS SHALL BE PAINTED TO MATCH ADJACENT FINISH PAINT COLOR (EXCLUDING TOILET ROOMS).

ROOM NO.	ROOM NAME	FLOOR FIN	FLOOR MATERIAL	BASE FIN	BASE MATERIAL	WALLS FIN	WALLS MATERIAL	CEILING FIN	CEILING MATERIAL	HT.
101	VESTIBULE	CLR. SEAL	EXIST. EXPOSED CONC.	STN.	WD.	STN./PAINT	WD./GYP. BD.	PAINT	NEW GYP. BD.	8'–0"
102A	BAR DINING 'A'	CLR. SEAL	EXIST. EXPOSED CONC.	STN.	WD.	STN./PAINT	WD./GYP. BD.	PAINT	EXPOSED ROOF STRUCTURE	±14'–3"
102B	BAR DINING 'B'	CLR. SEAL	EXIST. EXPOSED CONC.	STN.	WD.	STN./PAINT	WD./GYP. BD.	PAINT	EXPOSED ROOF STRUCTURE	±14'–3"
103	MAIN DINING	CLR. SEAL	EXIST. EXPOSED CONC.	STN.	WD.	STN./PAINT	WD./GYP. BD.	PAINT	EXPOSED ROOF STRUCTURE	±14'–3"
104	UNISEX TOILET ROOM	———	PORCELAIN TILE	–	PORCELAIN TILE W/ COVED CHANNEL	PAINT	EXIST./NEW GYP. BD.	PAINT	NEW 2'x2' SUSP. CLG.	9'–0"
105	BAR PUBLIC SIDE	CLR. SEAL	EXIST. EXPOSED CONC.	STN.	WD.	STN./PAINT	WD./GYP. BD.	PAINT	EXPOSED ROOF STRUCTURE	±14'–3"
	SERVER SIDE	———	QUARRY TILE (6"x6")	–	5" Q.T. –COVED	–	–	PAINT	EXPOSED ROOF STRUCTURE	±14'–3"
106	RAISED DINING	CLR. SEAL	EXPOSED CONC.	STN.	WD.	STN./PAINT	WD./GYP. BD.	PAINT	EXPOSED ROOF STRUCTURE	±9'–6"
107	UNISEX TOILET ROOM	———	PORCELAIN TILE	–	PORCELAIN TILE W/ COVED CHANNEL	PAINT	EXIST. GYP. BD.	PAINT	EXIST.	±9'–0"
107A	MANAGER OFFICE	———	EXIST.	–	–	PAINT	EXIST. GYP. BD.	PAINT	EXIST.	±9'–0"
108	EXIST. EQUIP. ROOM	———	QUARRY TILE (6"x6")	–	EXIST. 5" Q.T. –COVED	EXIST.	EXIST.	–	NEW 2'x2' SUSP. CLG.	9'–0"
110	EXPO	———	QUARRY TILE (6"x6")	–	*5" Q.T. –COVED	–	WHITE FRP	–	NEW 2'x2' SUSP. CLG.	9'–0"
111	COOK	———	QUARRY TILE (6"x6")	–	*5" Q.T. –COVED	–	WHITE FRP /S.S.	–	NEW 2'x2' SUSP. CLG.	9'–0"
112	PREP	———	QUARRY TILE (6"x6")	–	*5" Q.T. –COVED	–	WHITE FRP	–	NEW 2'x2' SUSP. CLG.	9'–0"
113	WAREWASH	———	QUARRY TILE (6"x6")	–	*5" Q.T. –COVED	–	WHITE FRP	–	NEW 2'x2' SUSP. CLG.	9'–0"
114	WALK–IN FOOD COOLER	———	PRE–FAB.	–	PRE–FAB.	–	PRE–FAB.	–	PRE–FAB.	–
115	WALK–IN BEER COOLER	———	PRE–FAB.	–	PRE–FAB.	–	PRE–FAB.	–	PRE–FAB.	–
116	PANTRY	———	QUARRY TILE (6"x6")	–	*5" Q.T. –COVED	–	–	–	EXIST. 2'x2' SUSP. CLG.	±9'–0"

* REFER TO PLANS FOR EXIST. FLRG. TO REMAIN –VERIFY IN FIELD W/ OWNER

NOTES:
#1. ALL WALL AND CEILING FINISHES TO BE CLASS 'C' RATED IN ACCORDANCE WITH ASTM E 84 OR UL 723.
#3. SEE FLOOR PLAN SHEET A2 & INTERIOR ELEVATION SHEETS A6, A6.1 & A6.2 FOR WALL FINISH MATERIAL LOCATIONS

HARDWARE SCHEDULE

DOOR NO. (X)	HARDWARE SET	NOTES	REMARKS
E1	EXIST.	#1,3,4,6	–
E2	EXIST.	#4	–
E4	EXIST.		INSTALL PRIVACY LATCHSET, AND DEADBOLT
E5	EXIST.		
E6	HS–4	#4,6	
E7	HS–4	#4,6	
1	–	#5	BY MANUFACTURER
2	HS–1	#1	OMIT THRESHOLD, SWEEP & WEATHERSTRIPPING, PROVIDE ACCESS. FLR. TRANSITION –SEE A5.101
3	–	#5	BY MANUFACTURER
4	–	#5	BY MANUFACTURER
5	HS–4	#1	–
6	HS–1	–	–
7	HS–5	–	–
8	HS–7	–	OMIT 'DETEX' PANIC FUNCTION PUSH–BAR AND SWEEP
9	–	–	NO–STOP FRAME, HARDWARE PROVIDED FROM DOOR MANUFACTURER
10	–	–	NO–STOP FRAME, HARDWARE PROVIDED FROM DOOR MANUFACTURER
11	HS–6	–	–
12	HS–7	–	OMIT 'DETEX' PANIC FUNCTION PUSH–BAR AND SWEEP
13	HS–5	–	–

#1. INSTALL PERMANENT PLASTIC WALL PLACARD ADJ. TO DOOR ON INSIDE STATING "THIS DOOR SHALL REMAIN UNLOCKED DURING ALL TIMES OF OCCUPANCY" IN WHITE LETTERS ON BLACK BACKGROUND.
#2. INSTALL PERMANENT A.D.A. COMPLIANT TOILET ROOM PLASTIC PLACARD ON EXT. FACE OF DOOR.
#3. INSTALL ADDRESS NUMERALS IN 4" VINYL LETTERS & "BAR LOUIE DELIVERIES" IN 2" VINYL LETTERS IN CONTRASTING COLOR TO EXT. FACE OF DOOR.
#4. EXISTING LOCKSETS TO REMAIN ARE TO BE REKEYED.
#5. PROVIDE AIR & WATER TIGHT KIT FOR FOLDING AND SLIDING/ STACKABLE DOORS.
#6. EXISTING EXIT DOORS: G.C. SHALL VERIFY OPERATING CONDITION OF EXISTING PANIC FUNCTION HARDWARE; REPAIR / REFURBISH TO 'LIKE–NEW' CONDITION

HARDWARE SETS

HARDWARE SET 'HS–1':
(3) HINGES
(1) DEADLOCK (KAWNEER MFR. STANDARD)
(1) EXTERIOR CYLINDER (SCHLAGE OR EQUIVALENT)
(1) INTERIOR CYLINDER W/ ADA THUMBTURN LEVER (SHCLAGE OR EQUIVALENT)
(1) CUSTOM PULL HANDLE (SUPPLIED BY OWNER)

HARDWARE SET 'HS–1A':
(1) CLOSER
(1) SWEEP & WEATHERSTRIPPING
(1) THRESHOLD (ACCESSIBLE)

HARDWARE SET 'HS–2':
(3) HINGES
(1) PULL HANDLE (KAWNEER MFR. STD.)
(1) PANIC FUNCTION PUSH–BAR
(1) CLOSER

HARDWARE SET 'HS–3':
(2) MFR. STANDARD SLIDE BOLTS (NO KEYING)
(1) BLACK NYLON PULL–CORD

HARDWARE SET 'HS–4':
(3) HINGES
(1) DEADLOCK (KAWNEER MFR. STANDARD)
(1) EXTERIOR CYLINDER (SCHLAGE OR EQUIVALENT)
(1) INTERIOR CYLINDER W/ ADA THUMBTURN LEVER (SHCLAGE OR EQUIVALENT)
(1) PULL HANDLE (KAWNEER MFR. STD.)
(1) PANIC FUNCTION PUSH–BAR
(1) CLOSER
(1) SWEEP & WEATHERSTRIPPING
(1) THRESHOLD (ACCESSIBLE)

HARDWARE SET 'HS–5':
(3) HINGES

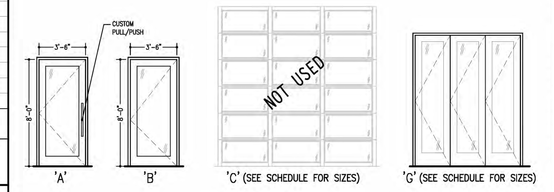
HARDWARE SET 'HS–6':
(3) HINGES
(1) PULL HANDLE (KAWNEER MFR. STD.))
(1) PUSH PLATE (KAWNEER MFR. STD.)
(1) CLOSER

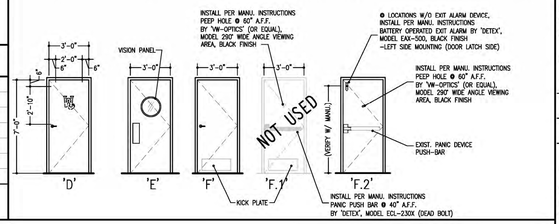
HARDWARE SET 'HS–6A':
(3) HINGES
(1) INTERIOR CYLINDER (SCHLAGE OR EQUIVALENT)
(1) INTERIOR CYLINDER W/ ADA THUMBTURN LEVER (SCHLAGE OR EQUIVALENT)

(1) CLOSER

HARDWARE SET 'HS–7':
(3) HINGES
(1) DEADLOCK (KAWNEER MFR. STANDARD)
(1) EXTERIOR CYLINDER (SCHLAGE OR EQUIVALENT)
(1) INTERIOR CYLINDER W/ ADA THUMBTURN LEVER (SHCLAGE OR EQUIVALENT)
(1) LATCHSET, LEVER–TYPE OPERATION
(1) "DETEX" PANIC FUNCTION PUSH–BAR
(1) CLOSER
(1) SWEEP

DOOR TYPES





EXTERIOR DOOR & WINDOW FINISH NOTE:
REFER TO EXTERIOR ELEVATIONS FOR ALL FINISHES ON ALUMINUM & GLASS STOREFRONT DOORS, OVERHEAD DOORS, AND WINDOW SYSTEMS.

HARDWARE SPECIFICATIONS

ITEM	MANU.	MODEL	REMARK
LATCHSET	SCHLAGE	ND50PD–F82	LEVER TYPE HANDLE
PANIC HARDWARE	VON DUPRIN	33A	#06 LEVER ON PULL SIDE
CLOSER	LCN	1460	–
THRESHOLD	PEMKO	1716	MILL FINISHED ALUM.
DOOR STOPS	HAGER	241F	FLOOR DOME
HINGES	HAGER	BB1199	4–1/2"x4–1/2" SS HINGES

NOTES:
#1. ALL HARDWARE FINISH: SATIN
#2. PROVIDE GRADE 1 DOOR HARDWARE

HARDWARE SCHEDULE

DOOR NO. (X)	HARDWARE SET	NOTES	REMARKS
E1	EXIST.	#1,3,4,6	–
E2	EXIST.	#4	–
E4	EXIST.		INSTALL PRIVACY LATCHSET, AND DEADBOLT
E5	EXIST.		
E6	HS–4	#4,6	
E7	HS–4	#4,6	
1	–	#5	BY MANUFACTURER
2	HS–1	#1	OMIT THRESHOLD, SWEEP & WEATHERSTRIPPING, PROVIDE ACCESS. FLR. TRANSITION –SEE A5.101
3	–	#5	BY MANUFACTURER
4	–	#5	BY MANUFACTURER
5	HS–4	#1	–
6	HS–1	–	–
7	HS–5	–	–
8	HS–7	–	OMIT 'DETEX' PANIC FUNCTION PUSH–BAR AND SWEEP
9	–	–	NO–STOP FRAME, HARDWARE PROVIDED FROM DOOR MANUFACTURER
10	–	–	NO–STOP FRAME, HARDWARE PROVIDED FROM DOOR MANUFACTURER
11	HS–6	–	–
12	HS–7	–	OMIT 'DETEX' PANIC FUNCTION PUSH–BAR AND SWEEP
13	HS–5	–	–

#1. INSTALL PERMANENT PLASTIC WALL PLACARD ADJ. TO DOOR ON INSIDE STATING "THIS DOOR SHALL REMAIN UNLOCKED DURING ALL TIMES OF OCCUPANCY" IN WHITE LETTERS ON BLACK BACKGROUND.
#2. INSTALL PERMANENT A.D.A. COMPLIANT TOILET ROOM PLASTIC PLACARD ON EXT. FACE OF DOOR.
#3. INSTALL ADDRESS NUMERALS IN 4" VINYL LETTERS & "BAR LOUIE DELIVERIES" IN 2" VINYL LETTERS IN CONTRASTING COLOR TO EXT. FACE OF DOOR.
#4. EXISTING LOCKSETS TO REMAIN ARE TO BE REKEYED.
#5. PROVIDE AIR & WATER TIGHT KIT FOR FOLDING AND SLIDING/ STACKABLE DOORS.
#6. EXISTING EXIT DOORS: G.C. SHALL VERIFY OPERATING CONDITION OF EXISTING PANIC FUNCTION HARDWARE; REPAIR / REFURBISH TO 'LIKE–NEW' CONDITION

DOOR TYPES

EXTERIOR DOOR & WINDOW FINISH NOTE:
REFER TO EXTERIOR ELEVATIONS FOR ALL FINISHES ON ALUMINUM & GLASS STOREFRONT DOORS, OVERHEAD DOORS, AND WINDOW SYSTEMS.

HARDWARE SETS

HARDWARE SET 'HS–1':
(3) HINGES
(1) DEADLOCK (KAWNEER MFR. STANDARD)
(1) EXTERIOR CYLINDER (SCHLAGE OR EQUIVALENT)
(1) INTERIOR CYLINDER W/ ADA THUMBTURN LEVER (SHCLAGE OR EQUIVALENT)
(1) CUSTOM PULL HANDLE (SUPPLIED BY OWNER)

HARDWARE SET 'HS–1A':
(1) CLOSER
(1) SWEEP & WEATHERSTRIPPING
(1) THRESHOLD (ACCESSIBLE)

HARDWARE SET 'HS–2':
(3) HINGES
(1) PULL HANDLE (KAWNEER MFR. STD.)
(1) PANIC FUNCTION PUSH–BAR
(1) CLOSER

HARDWARE SET 'HS–3':
(2) MFR. STANDARD SLIDE BOLTS (NO KEYING)
(1) BLACK NYLON PULL–CORD

HARDWARE SET 'HS–4':
(3) HINGES
(1) DEADLOCK (KAWNEER MFR. STANDARD)
(1) EXTERIOR CYLINDER (SCHLAGE OR EQUIVALENT)
(1) INTERIOR CYLINDER W/ ADA THUMBTURN LEVER (SHCLAGE OR EQUIVALENT)
(1) PULL HANDLE (KAWNEER MFR. STD.)
(1) PANIC FUNCTION PUSH–BAR
(1) CLOSER
(1) SWEEP & WEATHERSTRIPPING
(1) THRESHOLD (ACCESSIBLE)

HARDWARE SET 'HS–5':
(3) HINGES

HARDWARE SET 'HS–6':
(3) HINGES
(1) PULL HANDLE (KAWNEER MFR. STD.))
(1) PUSH PLATE (KAWNEER MFR. STD.)
(1) CLOSER

HARDWARE SET 'HS–6A':
(3) HINGES
(1) INTERIOR CYLINDER (SCHLAGE OR EQUIVALENT)
(1) INTERIOR CYLINDER W/ ADA THUMBTURN LEVER (SCHLAGE OR EQUIVALENT)

(1) CLOSER

HARDWARE SET 'HS–7':
(3) HINGES
(1) DEADLOCK (KAWNEER MFR. STANDARD)
(1) EXTERIOR CYLINDER (SCHLAGE OR EQUIVALENT)
(1) INTERIOR CYLINDER W/ ADA THUMBTURN LEVER (SHCLAGE OR EQUIVALENT)
(1) LATCHSET, LEVER–TYPE OPERATION
(1) "DETEX" PANIC FUNCTION PUSH–BAR
(1) CLOSER
(1) SWEEP

REVISION	ISSUE DESCRIPTION	ISSUE DATE
	ISSUED FOR STRUCTURAL ENGINEERING	01 FEBRUARY 2018
	ISSUED FOR DEMOLITION PERMIT	12 FEBRUARY 2018
	ISSUED FOR PERMIT, BID, & L.L. REVIEW	12 MARCH 2018

barker/nestor + ARCHITECTURE + DESIGN
600 W. CERMAK AVE. CHICAGO, IL 60616
TEL: 847-763-1167
FAX: 847-763-1692

PROPOSED RESTAURANT DEVELOPMENT FOR:

RESTAURANT & BAR

701 GORDON DR, SIOUX CITY, IA 51101

PROJECT NUMBER: B.N.S.S-413.SCHEDULES.DWG
FILE NAME: NOTIME
DRAWN BY: TS
APPROVED:
DRAWING TITLE:
DRAWING SCALE: AS SHOWN
DATE ISSUED: AS SHOWN

PROFESSIONAL SEAL:

LICENSED PROFESSIONAL ARCHITECT KEVIN J. BARKER 05808 IOWA

SHEET NUMBER:
A1.3 OF 28

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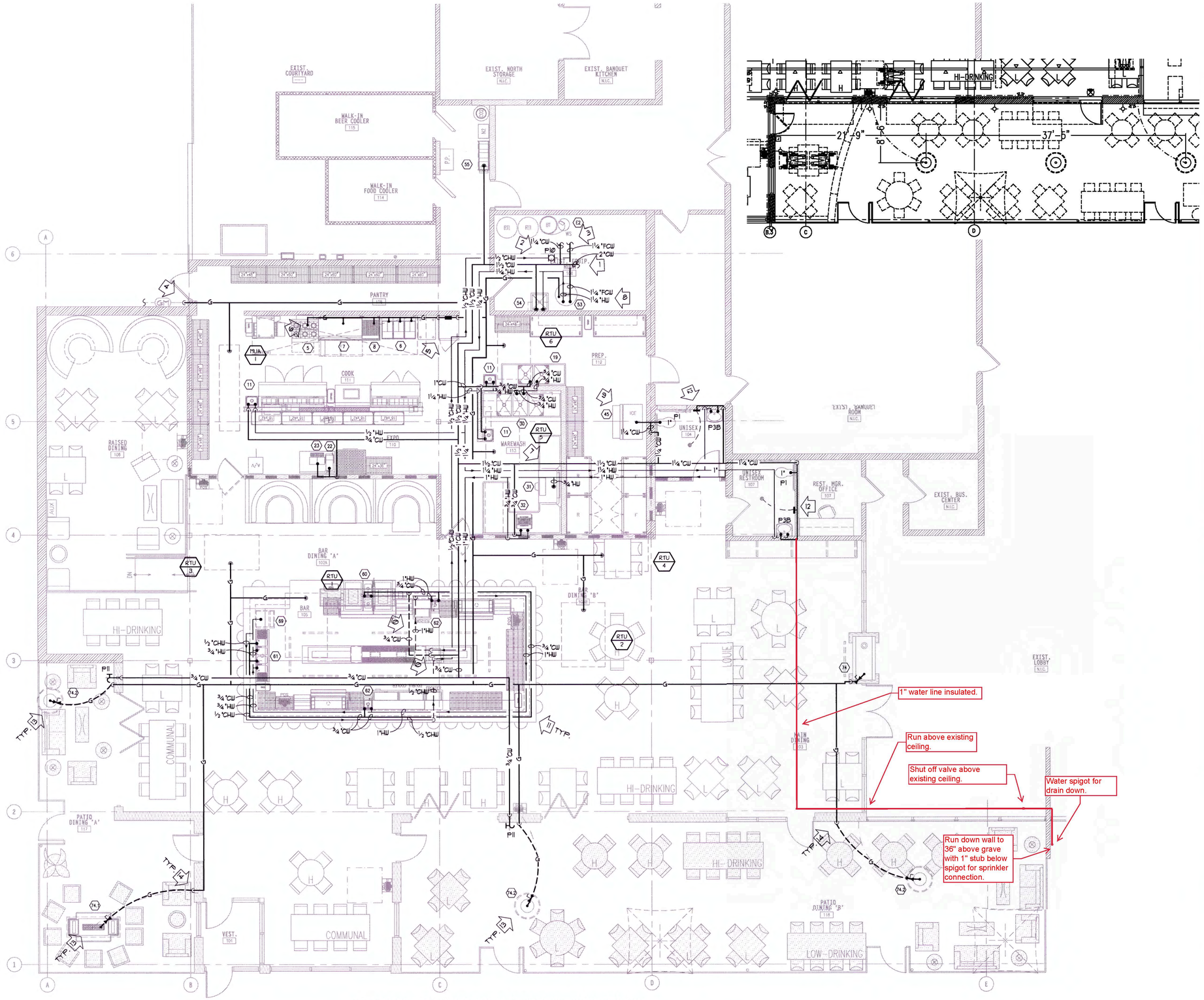

P201 PLUMBING WATER & GAS PLAN

SCALE: 3/16"=1'-0"

CONSTRUCTION NOTES

1. CONNECT TO EXISTING METERED 2" DOMESTIC WATER – FIELD VERIFY CONDITION, SIZE AND LOCATION PRIOR TO BID. PROVIDE METER WITH REMOTE READER PER LANDLORD & UTILITY COMPANY STANDARDS.
2. PROVIDE CIRCULATION PUMP FOR HOT WATER RETURN PIPE. SEE "P10" ON SCHEDULE, SHEET P3.
3. CONNECT TO EXISTING WATER SOFTENER SYSTEM PIPING AT THIS APPROXIMATE LOCATION. FIELD VERIFY EXISTING SIZE, LOCATION, AND CONDITIONS PRIOR TO BID.
4. CONNECT TO EXISTING 3" @ 7–11 WC GAS PIPING. VERIFY AVAILABLE PRESSURE AND SIZE PRIOR TO BID. SEE SCHEMATIC ON SHEET P4 FOR FURTHER INFORMATION.
5. AUTOMATIC GAS SHUTOFF VALVE INSTALLED BY PLUMBING CONTRACTOR, SUPPLIED BY FIRE SUPPRESSION CONTRACTOR. INSTALL IN LABELED PANEL IN WALL WITH UNIONS ON BOTH SIDES. SEE SCHEMATIC ON SHEET P5.
6. COOKLINE GAS PIPING HEADER SHALL BE INSTALLED ON SURFACE OF COOKLINE WALL. SEE SCHEMATIC ON SHEET P5.
7. HOT WATER LINE TO DISHMACHINE SHALL BE NO MORE THAN 5' HORIZONTALLY FROM THE HOT WATER RECIRC PIPING ABOVE SUSPENDED CEILING.
8. SEE DETAIL P301 ON SHEET P3 FOR WATER HEATING SYSTEM DETAILS.
9. INSTALL FILTER ASSY COMPLETE WITH APPROVED BACKFLOW PREVENTER & PROVIDE 1/2" S.S. FLEX HOSE 5'-0" LONG FOR ICE MACHINE.
10. UNDER FLOOR WATER PIPING – TYPE 'K', NO JOINTS.
11. WATER PIPING IN BAR DIE WALL. VALVED CONNECTIONS SHALL BE STUBBED AT HEIGHTS IN THE WALL SO AS NOT TO CONFLICT WITH PLACEMENT OF EQUIPMENT SERVED.
12. PROVIDE TRAP PRIMER LINE UNDER FLOOR FROM ACCESS PANEL IN WALL. PROVIDE APPROVED BACKFLOW PREVENTOR. TYPICAL FOR ALL FLOOR DRAINS.
13. INSTALL SHUTOFF VALUE FOR PATIO FIRE FEATURE AND PATIO HEATERS IN AN ACCESSIBLE LOCATION, CLEAR FROM CONTACT BY PATRONS/STAFF.
14. GAS PIPING FOR ALL PATIO FIXTURES TO BE RUN DOWN EXTERIOR WALL UNDERGROUND TO THE FIXTURE.

GENERAL NOTES

1. WELDING OR DRILLING OF STRUCTURAL MEMBERS IS NOT ALLOWED.
2. PROVIDE SHUTOFF VALVES FOR ALL PIECES OF EQUIPMENT.
3. PLUMBING CONTRACTOR SHALL MAKE ALLOWANCES FOR FINISHES. SEE ARCHITECTURAL DRAWINGS.
4. ALL CONNECTIONS AND PIPE ARE 1/2" UNLESS OTHERWISE NOTED AND SHALL BE INSTALLED AT ROUGH-IN HEIGHTS COORDINATED WITH EQUIPMENT BEING SERVED.
5. ALL PIPING IN DINING AND BAR AREA TO BE MOUNTED ON TRAPEZE RACKS BY P.C.
6. ALL CONTRACTORS TO PROVIDE AS-BUILT REDLINED DRAWINGS TO OWNERS AT THE COMPLETION OF EACH PROJECT.
7. SEE P7E1 FOR SPECIFICATIONS.
8. SEE P3 FOR DETAILS AND SCHEDULES.
9. SEE P4 FOR DETAILS AND SCHEMATICS.
10. ALL HOT WATER & COLD WATER PIPING SHALL BE INSULATED WITH 1" FIBERGLASS AND NON-COMBUSTIBLE UL RATED VAPOR BARRIER JACKET.
11. PROVIDE AIR HAMMER ARRESTORS AT GROUPS OF FIXTURES & FOR APPLIANCES W/ SOLENOID VALVES.
12. SEE BACKFLOW PREVENTOR SCHEDULE ON SHEET P3 FOR POTABLE WATER SYSTEM PROTECTION REQUIREMENTS.
13. MAINTAIN ALL EXISTING FIRE RATINGS FOR PENETRATIONS THRU RATED STRUCTURES WITH THE APPROPRIATE FIRE STOPPING MATERIALS.

DO NOT SCALE FROM DRAWINGS. REFER TO ARCHITECTURAL FFE PLAN & COORDINATE EQUIPMENT LOCATIONS IN FIELD WITH MILLWORK. VERIFY CURRENT EQUIPMENT REQUIREMENTS (CONNECTION TYPE, HEIGHTS, ETC.) WITH EQUIPMENT VENDOR.

REVISION	ISSUE DESCRIPTION	ISSUE DATE
	ISSUED FOR STRUCTURAL ENGINEERING	01 FEBRUARY 2018
	ISSUED FOR DEMOLITION PERMIT	12 FEBRUARY 2018
	ISSUED FOR PERMIT, BID, & L.L. REVIEW	12 MARCH 2018

+ barker/neustom + ARCHITECTURE + DESIGN
600 W. CERMAK #3C CHICAGO, IL 60616 TEL: 847-763-1692 FAX: 847-763-1697

PROPOSED RESTAURANT DEVELOPMENT FOR:

BAR RESTAURANT

701 GORDON DR., SIOUX CITY, IA 51101

PROJECT NUMBER:	18BL01
FILE NAME:	BL01P2.DWG
DRAWN BY:	CPC
APPROVED:	JG
DRAWING TITLE:	WATER PLAN
DRAWING SCALE:	AS SHOWN
DATE ISSUED:	AS SHOWN

PROFESSIONAL SEAL:

LICENSED PROFESSIONAL ENGINEER JOSEPH S. GABRIEL 13814 IOWA

SHEET NUMBER:

P2 OF 15

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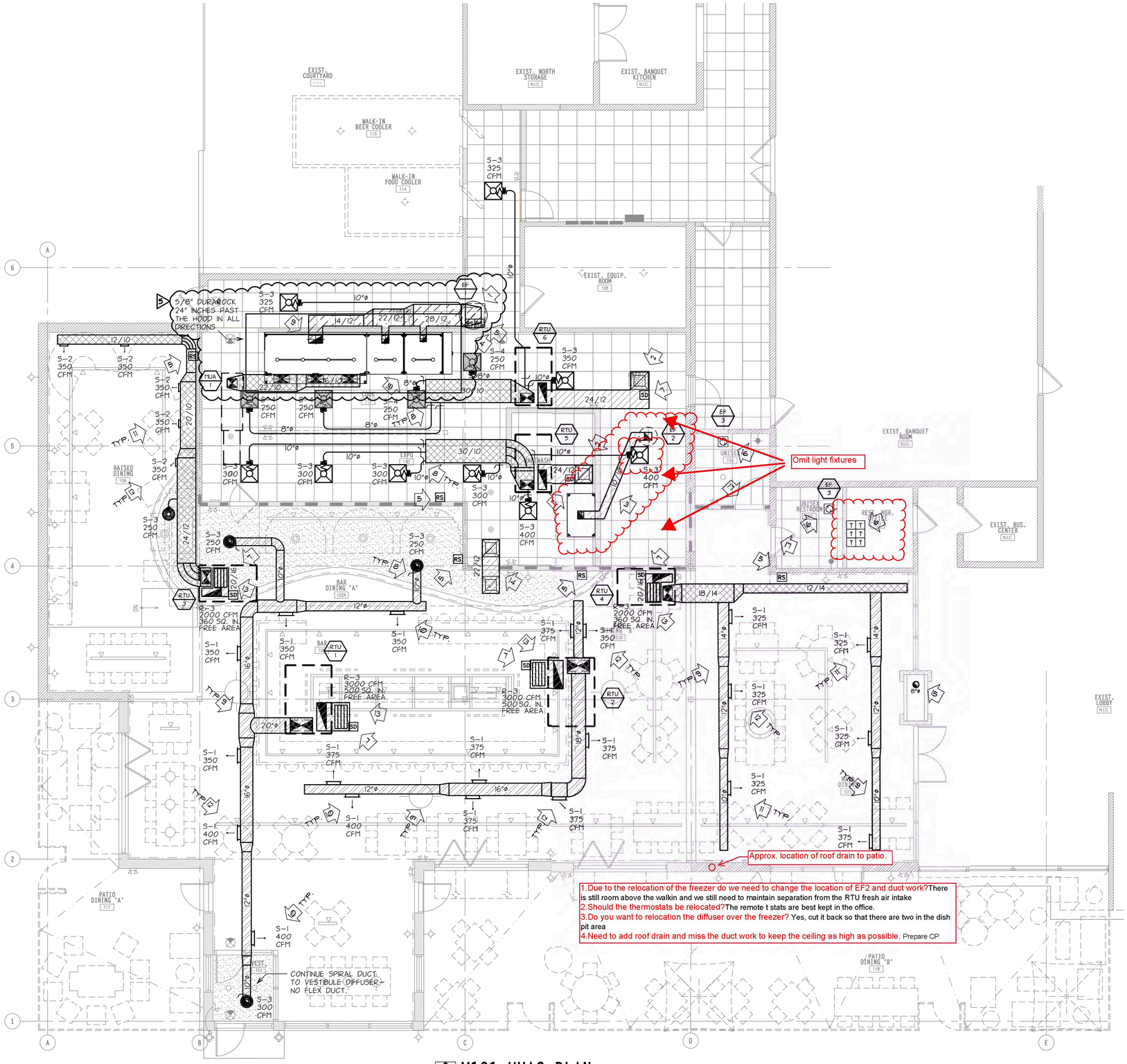

1.Due to the relocation of the freezer do we need to change the location of EF2 and duct work?There is still room above the walkin and we still need to maintain separation from the RTU fresh air intake
2.Should the thermostats be relocated?The remote t stats are best kept in the office.
3.Do you want to relocation the diffuser over the freezer? Yes, cut it back so that there are two in the dish pit area
4.Need to add roof drain and miss the duct work to keep the ceiling as high as possible. Prepare CP.

M101 HVAC PLAN

SCALE: 3/16"=1'-0"

CONSTRUCTION NOTES

1. PROVIDE 28/12 GREASE DUCT UP TO EF-1 ON ROOF ABOVE. PROVIDE A MIN. ¼" PER FOOT OF SLOPE. INSTALL DUCT CLEANING ACCESS PANELS EVERY 20' AND AT ALL DIRECTION CHANGES. CONSTRUCT GREASE DUCT TO PROVIDE BALANCE EXHAUST FLOW FROM EACH HOOD COLLAR TO THE FAN. VERIFY DUCT ROUTE PRIOR TO CONSTRUCTING DUCT. COORDINATE ALL WORK WITH G.C. AND LANDLORD.
2. EGG CRATE RETURN GRILLE – VOLUME VARIES DEPENDING ON OCCUPIED OR UNOCCUPIED OPERATION.
3. PROVIDE 10/10 WELDED STAINLESS CONDENSATE DUCT TO EF-2 ON ROOF ABOVE. PROVIDE ALTERNATE PRICE FOR PVC OR PCD COATED GALVANIZED DUCT WITH WATER TIGHT SEALED JOINTS AND DRAIN PAN AT BOTTOM OF DROP. COORDINATE ALL WORK INCLUDING ROUTE AND LOCATION WITH G.C. AND LANDLORD. VERIFY THAT EXHAUST OUTLET IS A MIN. 10' FROM ALL FRESH AIR INTAKES PRIOR TO BID.
4. INSTALL ROOM TEMPERATURE SENSOR BESIDE KITCHEN HVAC UNIT REMOTE SENSOR. SENSOR TO BE WIRED TO THE HOOD STARTER PANEL AS INDICATED ON SHEET M4. COORDINATE WORK WITH G.C.
5. REMOTE SENSOR FOR HVAC CONTROLS – FINAL CONNECTIONS BY MECHANICAL CONTR. – CONDUIT AND WIRING BY ELECTRICAL CONTRACTOR – TYPICAL ALL SYSTEMS. CENTRAL CONTROLS IN OFFICE – VERIFY LOCATION. LOCATE SENSORS IN RETURN AIR HOUSING OR MOUNT ON WALL AT 6'-0" A.F.F. – COORDINATE WITH EQUIPMENT AND FIXTURE LOCATIONS. DIFFUSER AND SENSOR LOCATIONS CANNOT BE CHANGED WITHOUT PRIOR APPROVAL FROM THE CONSULTING ENGINEER.
6. COORDINATE THERMOSTAT AND TIME CLOCK LOCATIONS W/ARCH. ARTWORK, ETC. PROVIDE SECURITY COVER. CONTRACTOR TO SEAL WALL PENETRATIONS AT ALL THERMOSTATS AND SENSORS.
7. MOUNT FIRE/ SMOKE DETECTORS IN THE RETURN HOUSING IN AN ACCESSIBLE AREA. TYPICAL ALL UNITS.
8. PROVIDE VOLUME DAMPERS ON ALL BRANCHES, ALL SYSTEMS – TYPICAL.
9. DINING AND BAR AREA TO HAVE EXPOSED DOUBLE WALL INSULATED SPIRAL DUCT WORK. SEE ARCHITECTURAL REFLECTED CEILING AND ELEVATIONS FOR DUCT MOUNTING LOCATION. PREP ALL DUCTWORK FOR PAINT, COORDINATE ALL WORK WITH G.C. AND OWNER.
10. DINING ROOM DIFFUSERS IN RAISED ROOF AREA TO BE SET AT 45 DEGREE ANGLE UNLESS OTHERWISE NOTED. – TYPICAL.
11. DINING ROOM DIFFUSERS IN LOWER ROOF AREAS TO BE SET HORIZONTALLY UNLESS OTHERWISE NOTED. – TYPICAL.
12. M.C. TO ADJUST THE DOUBLE DEFLECTION DIFFUSER BLADES ON ALL DIFFUSERS TO PROVIDE PROPER SPACE COMFORT AND MINIMIZE DRAFTS. TYPICAL.
13. RETURN GRILLES – VOLUMES VARY DEPENDING ON OCCUPIED OR UNOCCUPIED OPERATION. INSTALL ACOUSTIC DUCT LINER AND CONSTRUCT RETURN PLENUM TO ELIMINATE DIRECT LINE OF SIGHT FROM GRILLE TO FAN. MOUNT GRILLES ON TOP SIDE OF DUCT. COORDINATE STYLE AND COLOR WITH ARCHITECT.
14. 22X12 TRANSFER DUCT. R-1 TRANSFER GRILLES TO PROVIDE MINIMUM 275 SQ IN FREE AREA EACH. INSTALL ACOUSTIC DUCT LINER. MOUNT DINING-SIDE GRILLE ON UNDERSIDE OF SOFFIT.
15. CONTRACTOR TO INSTALL FIREPLACE FLUE COMPLETE PER MANUFACTURER'S INSTRUCTIONS. COORDINATE ROUTE AND INSTALL WITH LANDLORD AND G.C. MAINTAIN MINIMUM 10' CLEARANCE FROM ALL FRESH AIR INTAKES.
16. PROVIDE 6" DUCT FROM EF-3 RESTROOM FANS TO GOOSENECK ON ROOF. MAINTAIN MINIMUM 10' CLEARANCE FROM ALL FRESH AIR INTAKES.
17. UNDERCUT DOOR.
18. RIGHT SIDE FULL END PANELS ON HOODS 2&3. SEE HOOD DRAWINGS.
19. CUT NEW DUCT COLLARS INTO BACK VERTICAL SURFACE OF HOOD. REMOVE AND REINSTALL COLLAR DAMPERS ON THE INSIDE OF THE HOOD. GREASE DUCT TO RUN ALONG THE WALL AT THE BACK SIDE OF THE HOOD THROUGH WALL OPENINGS TO THE NEW COLLARS. GREASE DUCT TO RUN UP TO EF-1 ON ROOF OUTSIDE OF THE DURA-ROCK FIRE PROOFING.

GENERAL NOTES

1. DUCTS ARE SIZED FOR FREE AREA. DIMENSIONS AND LOCATIONS CAN BE CHANGED AS LONG AS VELOCITIES AND PRESSURE DROPS ARE MAINTAINED.
2. DUCT SIZING AS FOLLOWS: FIRST NUMBER IS FOR SIDE SHOWN – SECOND NUMBER IS FOR SIDE NOT SHOWN. RATIO SHALL NOT EXCEED 1.5. INSTALL EXTERIOR INSULATION ON SUPPLY & RETURN. INSTALL ALL DUCT PER '85 SMACNA STANDARDS.
3. LOCATE ALL EXHAUST OUTLETS TO MAINTAIN A MINIMUM 10'-0" FROM ALL OUTSIDE AIR INTAKES.
4. WELDING OR DRILLING OF STRUCTURAL MEMBERS IS NOT ALLOWED.
5. SEE M2 FOR HVAC EQUIPMENT SCHEDULES.
6. SEE M2 FOR SYMBOLS.
7. ALL CONTRACTORS TO PROVIDE AS BUILT REDLINED DRAWINGS TO THE OWNER. AT THE COMPLETION OF EACH PROJECT.
8. M.C. TO COORDINATE ALL EXTERIOR WORK WITH LANDLORD CONTRACTOR PRIOR TO BID. COORDINATE WORK COST WITH G.C.

DO NOT SCALE FROM DRAWINGS. REFER TO ARCHITECTURAL FFE PLAN & COORDINATE EQUIPMENT LOCATIONS IN FIELD WITH MILLWORK. VERIFY CURRENT EQUIPMENT REQUIREMENTS (CONNECTION TYPE, HEIGHTS, ETC.) WITH EQUIPMENT VENDOR.

REVISION	ISSUE DESCRIPTION	ISSUE DATE
1	ISSUED FOR PERMIT, BID, & L.L. REVIEW	12 MARCH 2018
2	SUPPLEMENTAL PLAN	03 APRIL 2018
3	PERMIT COMMENTS	13 APRIL 2018
4	OWNER CHANGES	24 APRIL 2018
5	FIELD CHANGES	24 APRIL 2018
	ISSUED FOR FIELD CONDITIONS	07 AUGUST 2018

+ harker/nestor +
ARCHITECTURE + DESIGN
600 W. CERMAK #3C CHICAGO, IL 60616 TEL: 847+763+1692 FAX: 847+763+1697

PROPOSED RESTAURANT DEVELOPMENT FOR:

RESTAURANT & BAR

701 GORDON DR, SIOUX CITY, IA 51101

PROJECT NUMBER:	18BL01
FILE NAME:	BL01M1.DWG
DRAWN BY:	CPC
APPROVED:	JG
DRAWING TITLE:	HVAC PLAN
DRAWING SCALE:	AS SHOWN
DATE ISSUED:	AS SHOWN

PROFESSIONAL SEAL:

SHEET NUMBER:

M1 OF 15

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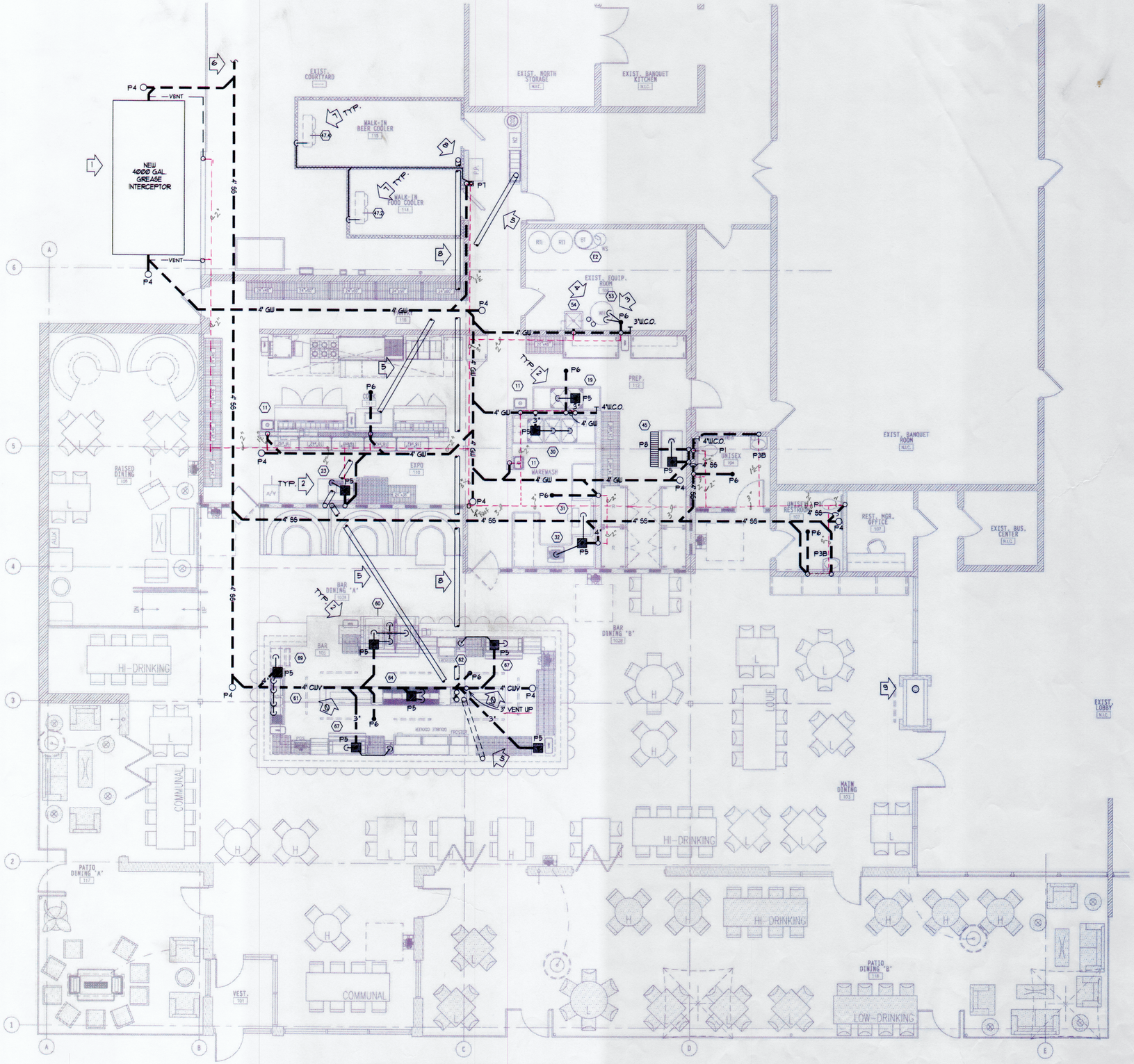
ZTBK
ZBL01REF



P101 PLUMBING WASTE & VENT PLAN

SCALE: 3/16"=1'-0"

CONSTRUCTION NOTES

1. PROVIDE NEW 4000 GALLON GREASE INTERCEPTOR. INSTALLED AND VENTED PER LOCAL CODE. CONTRACTOR TO VERIFY EXISTING SEWER LOCATION SIZE AND INVERTS. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID.
2. INDIRECTLY WASTED DRAIN LINES SHALL BE TYPE "M" HARD COPPER OR SCH40 PVC (IF APPROVED MATERIAL) AND PROVIDED W/ AIR GAP. WRAP EVERYTHING W/RUBBITEX INCLUDING PIPING FOR EQUIPMENT INSTALLED BY OTHERS. INSTALL INDIRECT WASTE LINES SUCH THAT EQUIPMENT CAN BE REMOVED FROM PLACE FOR CLEANING, REPLACEMENT, ETC.
3. T & P RELIEF(S) TO BE PIPED TO INDIRECT WASTE RECEPTOR WITH AIR GAP. PROVIDE 2" DEEP, INDIRECTLY WASTED GALVANIZED METAL DRAIN PAN UNDER WATER HEATER. PIPE WATER SOFTENER DRAIN LINES TO RECEPTOR VIA AIR GAP. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID.
4. INSTALL FLUE & VENT FOR WATER HEATER COMPLETE. SEE DETAIL ON SHEET P3. MAINTAIN MIN. 10' FROM ALL EXISTING AND NEW FRESH AIR INTAKES. MINIMIZE THE USE OF 90 & 45 DEG. ELLS IN ORDER TO INSTALL WITHIN MANUFACTURER'S MAXIMUM LENGTH CRITERIA.
5. 6" PVC INSULATED ELECTRICAL CONDUIT FOR POP LINES OVERHEAD FROM BAG-IN-BOX TO SODA DISPENSER AND OVERHEAD TO THE BAR ISLAND TRANSITIONING UNDERGROUND TO BAR DIE WALL. COORDINATE ROUTE WITH EXISTING STRUCTURE AND OTHER TRADES & TERMINATION POINTS WITH OWNER.
6. CONNECT TO EXISTING SANITARY SEWER. FIELD VERIFY EXACT SIZE, INVERT AND LOCATION OF CONNECTION PRIOR TO BID. COORDINATE ROUTES AND CONNECTIONS WITH ACTUAL STRUCTURAL CONDITIONS. HYDRO-JET CLEAN EXISTING SEWER PIPING. PROVIDE VIDEO OF CLEANED SYSTEM TO OWNER. FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID.
7. PLBG. CONT'R. TO RUN DRAIN LINES FROM ALL REFRIGERATED UNITS WITH FITTED WASTES TO INDIRECT WASTE RECEPTOR W/ AIR GAP. WALK-IN COOLERS AND FREEZERS SHALL HAVE 1/4" MINIMUM VERTICAL FALL PER 12' OF HORIZONTAL RUN. USE TYPE "M" 3/4" COPPER WITH UNIONS AT COILS. CONDENSATE LINES SHALL BE INSULATED AND WRAPPED WITH ELECTRICALLY HEATED TAPE (INSIDE) UNIT AND INDIRECTLY WASTED OUTSIDE.
8. 6" PVC INSULATED ELECTRICAL CONDUITS FOR BEER LINES OVERHEAD FROM WALK-IN BEER COOLER TO BAR ISLAND. COORDINATE ROUTE WITH EXISTING STRUCTURE AND OTHER TRADES & TERMINATION POINTS WITH OWNER.
9. CONTRACTOR TO INSTALL FIREPLACE FLUE COMPLETE PER MANUFACTURER'S INSTRUCTIONS. COORDINATE INSTALL WITH LANDLORD AND G.C. MAINTAIN MIN. 10' CLEARANCE FROM ALL FRESH AIR INTAKES.
10. INSTALL COMBINATION WASTE & VENT PER LOCAL PLUMBING CODE REQUIREMENTS.

GENERAL NOTES

1. WELDING OR DRILLING OF STRUCTURAL MEMBERS IS NOT ALLOWED.
2. PLUMBING ROUGH-IN WORK AND FINAL CONNECTIONS TO ALL FOOD SERVICE EQUIPMENT AND FIXTURES SHALL BE BY THE PLUMBING CONTRACTOR.
3. SEE PME1 FOR SPECIFICATIONS & EQ1 FOR EQUIPMENT SPECS
4. SEE P3 FOR DETAILS AND SCHEDULES.
5. SEE P4 FOR DETAILS AND SCHEMATICS.
6. ALL WALL MOUNTED CLEANOUTS TO HAVE STAINLESS STEEL COVERS.
7. ALL WASTE PIPING SHALL BE 2" UNLESS NOTED OTHERWISE.
8. ALL CONTRACTORS TO PROVIDE AS BUILT REDLINED DRAWINGS TO OWNERS AT THE COMPLETION OF EACH PROJECT.
9. CONDENSATE PIPING ABOVE CEILING SHALL BE INSULATED WITH 1" GLASS FIBER WITH NON-COMBUSTIBLE UL RATED VAPOR BARRIER JACKET.
10. MAINTAIN ALL EXISTING FIRE RATINGS FOR PENETRATIONS THRU RATED STRUCTURES WITH THE APPROPRIATE FIRE STOPPING MATERIALS.
11. PROVIDE SHUTOFF VALVES FOR ALL PIECES OF EQUIPMENT.
12. PLUMBING CONTRACTOR SHALL MAKE ALLOWANCES FOR FINISHES. SEE ARCHITECTURAL DRAWINGS.
13. ALL CONNECTIONS AND PIPE ARE 1/2" UNLESS OTHERWISE NOTED AND SHALL BE INSTALLED AT ROUGH-IN HEIGHTS COORDINATED WITH EQUIPMENT BEING SERVED.
14. ALL HOT WATER & COLD WATER PIPING SHALL BE INSULATED WITH 1" FIBERGLASS AND NON-COMBUSTIBLE UL RATED VAPOR BARRIER JACKET.

DO NOT SCALE FROM DRAWINGS. REFER TO ARCHITECTURAL FFE PLAN & COORDINATE EQUIPMENT LOCATIONS IN FIELD WITH MILLWORK. VERIFY CURRENT EQUIPMENT REQUIREMENTS (CONNECTION TYPE, HEIGHTS, ETC.) WITH EQUIPMENT VENDOR.

REVISION	ISSUE DESCRIPTION	ISSUE DATE
	ISSUED FOR STRUCTURAL ENGINEERING	01 FEBRUARY 2018
	ISSUED FOR DEMOLITION PERMIT	12 FEBRUARY 2018
	ISSUED FOR PERMIT, BID, & L.L. REVIEW	12 MARCH 2018

+ barker/nestor +
ARCHITECTURE + DESIGN
600 W. CERMAK, #3C CHICAGO, IL 60616 TEL: 847-763-1892 FAX: 847-763-1897

PROPOSED RESTAURANT DEVELOPMENT FOR:

RESTAURANT & BAR

701 GORDON DR, SIOUX CITY, IA 51101

PROJECT NUMBER:	1861.01
FILE NAME:	BL01P1.DWG
DRAWN BY:	CPC
APPROVED:	JC
DRAWING TITLE:	SEWER/VENT PLAN
DRAWING SCALE:	AS SHOWN
DATE ISSUED:	AS SHOWN

PROFESSIONAL SEAL:

LICENSED PROFESSIONAL ENGINEER
JOSEPH S. GABRIEL
13814
IOWA

SHEET NUMBER:

P1 OF 15

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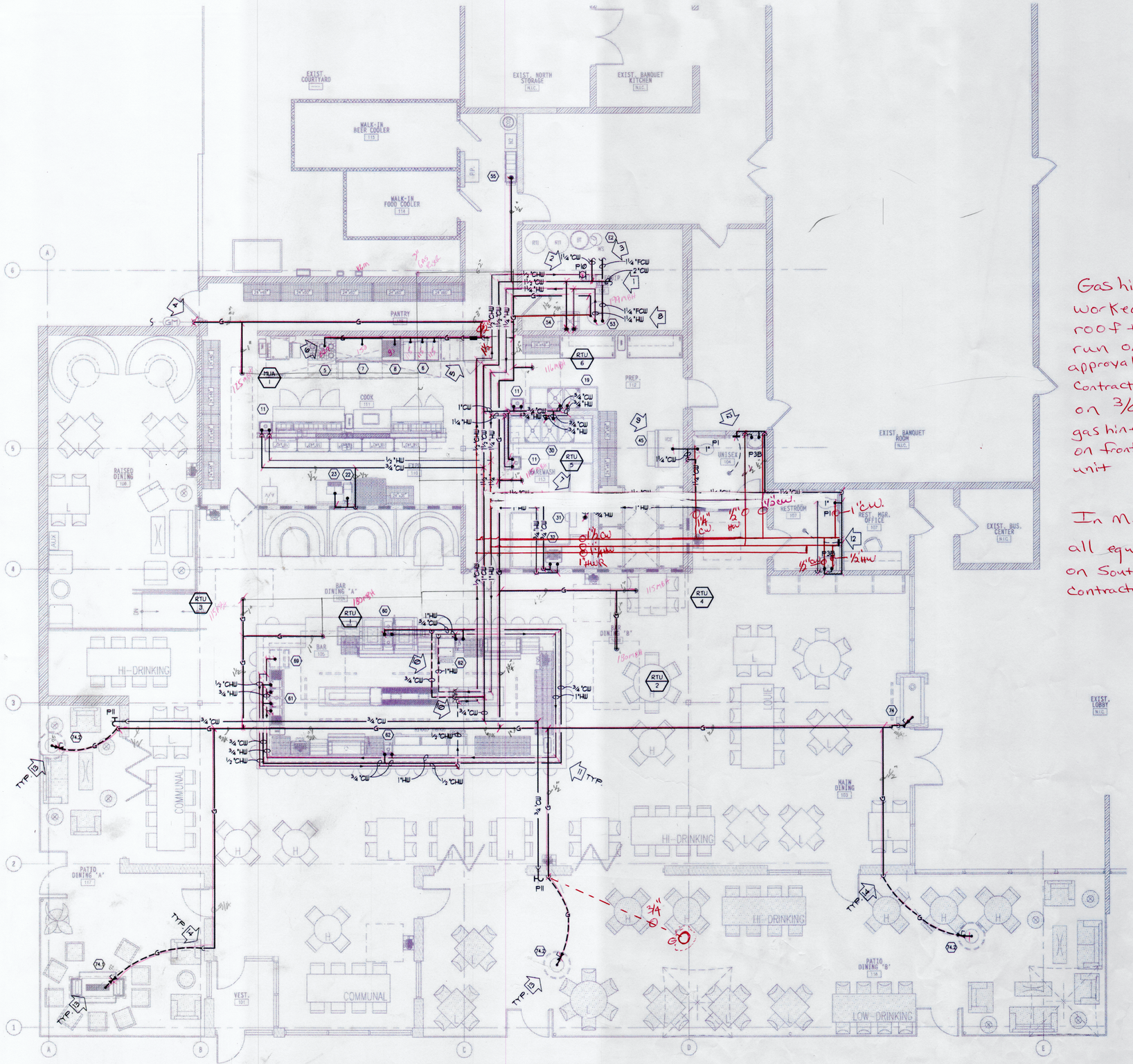

Gas line is worked per plan roof top Gas was run on roof per approval of General Contractor added on 3/4" welded gas line underground on front patio for fireplace unit

In Mechanical Room all equipment is located on South wall per General Contractor and owner

P201 PLUMBING WATER & GAS PLAN

SCALE: 3/16"=1'-0"

CONSTRUCTION NOTES

1. CONNECT TO EXISTING METERED 2" DOMESTIC WATER – FIELD VERIFY CONDITION, SIZE AND LOCATION PRIOR TO BID. PROVIDE METER WITH REMOTE READER PER LANDLORD & UTILITY COMPANY STANDARDS.
2. PROVIDE CIRCULATION PUMP FOR HOT WATER RETURN PIPE. SEE "P10" ON SCHEDULE, SHEET P3.
3. CONNECT TO EXISTING WATER SOFTENER SYSTEM PIPING AT THIS APPROXIMATE LOCATION. FIELD VERIFY EXISTING SIZE, LOCATION, AND CONDITIONS PRIOR TO BID.
4. CONNECT TO EXISTING 3" @ 7–11 WC GAS PIPING. VERIFY AVAILABLE PRESSURE AND SIZE PRIOR TO BID. SEE SCHEMATIC ON SHEET P4 FOR FURTHER INFORMATION.
5. AUTOMATIC GAS SHUTOFF VALVE INSTALLED BY PLUMBING CONTRACTOR, SUPPLIED BY FIRE SUPPRESSION CONTRACTOR. INSTALL IN LABELED PANEL IN WALL WITH UNIONS ON BOTH SIDES. SEE SCHEMATIC ON SHEET P5.
6. COOKLINE GAS PIPING HEADER SHALL BE INSTALLED ON SURFACE OF COOKLINE WALL. SEE SCHEMATIC ON SHEET P5.
7. HOT WATER LINE TO DISHMACHINE SHALL BE NO MORE THAN 5' HORIZONTALLY FROM THE HOT WATER RECIRC PIPING ABOVE SUSPENDED CEILING.
8. SEE DETAIL P301 ON SHEET P3 FOR WATER HEATING SYSTEM DETAILS.
9. INSTALL FILTER ASSY COMPLETE WITH APPROVED BACKFLOW PREVENTER & PROVIDE 1/2" S.S. FLEX HOSE 5'–0" LONG FOR ICE MACHINE.
10. UNDER FLOOR WATER PIPING – TYPE 'K', NO JOINTS.
11. WATER PIPING IN BAR DE WALL. VALVED CONNECTIONS SHALL BE STUBBED AT HEIGHTS IN THE WALL SO AS NOT TO CONFLICT WITH PLACEMENT OF EQUIPMENT SERVED.
12. PROVIDE TRAP PRIMER LINE UNDER FLOOR FROM ACCESS PANEL IN WALL. PROVIDE APPROVED BACKFLOW PREVENTOR. TYPICAL FOR ALL FLOOR DRAINS.
13. INSTALL SHUTOFF VALUE FOR PATIO FIRE FEATURE AND PATIO HEATERS IN AN ACCESSIBLE LOCATION, CLEAR FROM CONTACT BY PATRONS/STAFF.
14. GAS PIPING FOR ALL PATIO FIXTURES TO BE RUN DOWN EXTERIOR WALL UNDERGROUND TO THE FIXTURE.

GENERAL NOTES

1. WELDING OR DRILLING OF STRUCTURAL MEMBERS IS NOT ALLOWED.
2. PROVIDE SHUTOFF VALVES FOR ALL PIECES OF EQUIPMENT.
3. PLUMBING CONTRACTOR SHALL MAKE ALLOWANCES FOR FINISHES. SEE ARCHITECTURAL DRAWINGS.
4. ALL CONNECTIONS AND PIPE ARE 1/2" UNLESS OTHERWISE NOTED AND SHALL BE INSTALLED AT ROUGH–IN HEIGHTS COORDINATED WITH EQUIPMENT BEING SERVED.
5. ALL PIPING IN DINING AND BAR AREA TO BE MOUNTED ON TRAPEZE RACKS BY P.C.
6. ALL CONTRACTORS TO PROVIDE AS–BUILT REDLINED DRAWINGS TO OWNERS AT THE COMPLETION OF EACH PROJECT.
7. SEE PMEI FOR SPECIFICATIONS.
8. SEE P3 FOR DETAILS AND SCHEDULES.
9. SEE P4 FOR DETAILS AND SCHEMATICS.
10. ALL HOT WATER & COLD WATER PIPING SHALL BE INSULATED WITH 1" FIBERGLASS AND NON–COMBUSTIBLE UL RATED VAPOR BARRIER JACKET.
11. PROVIDE AIR HAMMER ARRESTORS AT GROUPS OF FIXTURES & FOR APPLIANCES W/ SOLENOID VALVES.
12. SEE BACKFLOW PREVENTOR SCHEDULE ON SHEET P3 FOR POTABLE WATER SYSTEM PROTECTION REQUIREMENTS.
13. MAINTAIN ALL EXISTING FIRE RATINGS FOR PENETRATIONS THRU RATED STRUCTURES WITH THE APPROPRIATE FIRE STOPPING MATERIALS.

DO NOT SCALE FROM DRAWINGS. REFER TO ARCHITECTURAL FFE PLAN & COORDINATE EQUIPMENT LOCATIONS IN FIELD WITH MILLWORK. VERIFY CURRENT EQUIPMENT REQUIREMENTS (CONNECTION TYPE, HEIGHTS, ETC.) WITH EQUIPMENT VENDOR.

REVISION	ISSUE DESCRIPTION	ISSUE DATE
	ISSUED FOR STRUCTURAL ENGINEERING	01 FEBRUARY 2018
	ISSUED FOR DEMOLITION PERMIT	12 FEBRUARY 2018
	ISSUED FOR PERMIT, BID, & L.L. REVIEW	12 MARCH 2018

+ barker/nestor +
ARCHITECTURE + DESIGN
800 W. CERMAK RD. CHICAGO, IL 60616 TEL: 847+763+1697 FAX: 847+763+1697

BAR

PROPOSED RESTAURANT DEVELOPMENT FOR:

RESTAURANT & BAR

701 GORDON DR., SIOUX CITY, IA 51101

PROJECT NUMBER:	1881.01
FILE NAME:	BL01P2.DWG
DRAWN BY:	CPC
APPROVED:	JG
DRAWING TITLE:	WATER PLAN
DRAWING SCALE:	AS SHOWN
DATE ISSUED:	AS SHOWN

PROFESSIONAL SEAL:

LICENSED PROFESSIONAL ENGINEER
JOSEPH S. GABRIEL
13814
IOWA

SHEET NUMBER:

P2 OF 15

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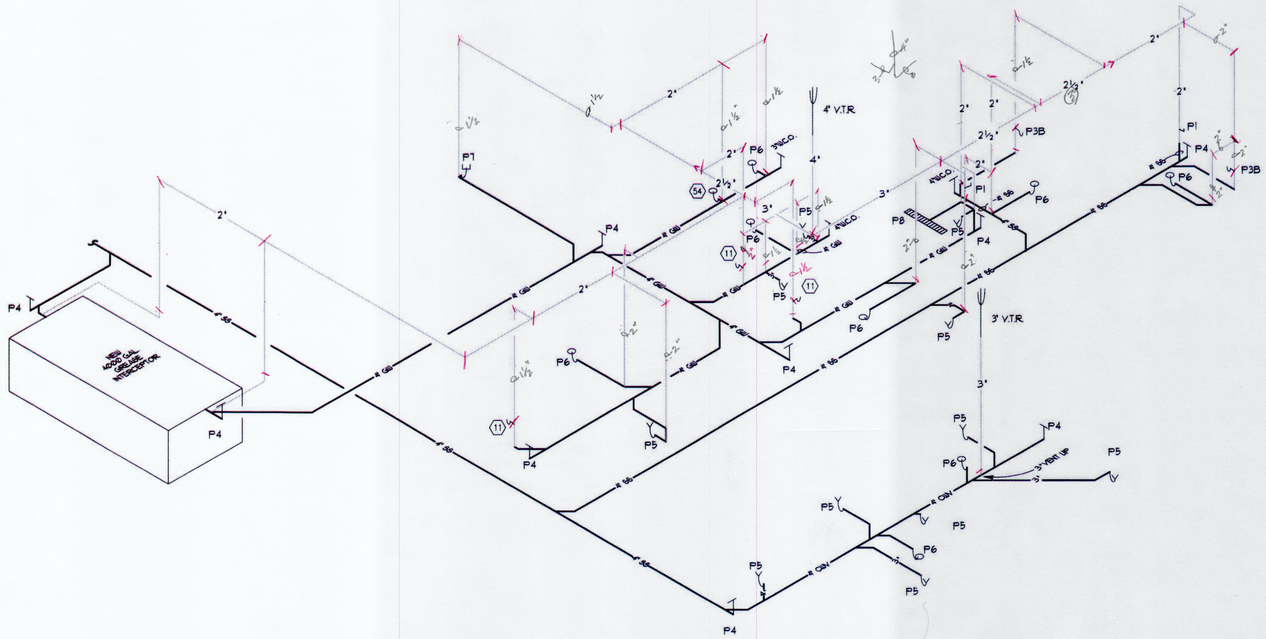


P401 WASTE & VENT SCHEMATIC

SCALE: NONE

NOTES:
1. ALL WASTE PIPING SHALL BE 2" UNLESS OTHERWISE NOTED.
2. ALL VENTING IS 1-1/2" UNLESS OTHERWISE NOTED.

SYMBOLS

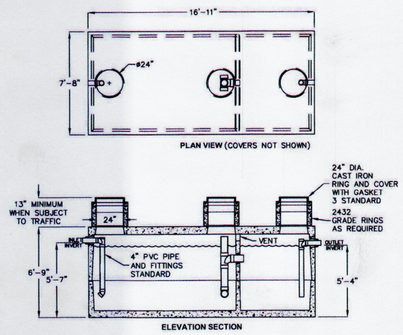
- FLOOR DRAIN
- HUB DRAIN
- FLOOR SINK
- WALL SINK
- WATER CLOSET AND URINALS
- CLEAN OUT
- VENT UP THRU ROOF
- EXISTING
- NEW S.S.
- NEW C.W.
- NEW VENT

GREASE INTERCEPTOR SIZING PER FOG SIZING REQUIREMENTS

1. SEATING CAPACITY: 194
2. MEAL FACTOR (LEISURE DINING): 0.67
3. WASTE FLOW RATE (COMMERCIAL, NO GARBAGE DISPOSAL): 5
4. STORAGE FACTOR 16 HOUR OPERATION: 2
5. RETENTION TIME: 2.5 HRS

NUMBER OF MEALS PER PEAK HOUR	x	WASTE FLOW RATE	x	RETENTION RATE	x	STORAGE FACTOR	=	INTERCEPTOR MINIMUM SIZE
(194 X 0.67)	x	5	x	2.5	x	2	=	3250 GALLON

4000 GALLON GREASE INTERCEPTOR



NOTE:
1. OPERATING CAPACITY: 4000 GALLONS.
2. DESIGN LOAD: H-20 TRAFFIC WITH DRY SOIL CONDITIONS (WATER LEVEL BELOW TANK) AND 13 INCHES TO 6 FEET EARTH COVER.
3. SUITABLE SUB-BASE BEDDED WITH GRANULAR MATERIAL SHALL BE PREPARED TO HANDLE ANTICIPATED LOADS.
4. GREASE INTERCEPTOR SHALL COMPLY WITH LOCAL CODE TO MEET F.O.G. ORDINANCE.

MINIMUM EXCAVATION 8'-8" x 17'-11" x REQ'D DEPTH

GAS LOAD CALCULATIONS

ITEM	LOAD IN MBH	CONNECTION SIZE
#53 WATER HEATER	199	3/4"
#6 FRYERS	3 @ 115	3/4"
#5 RANGE	227	3/4"
#8 CHARBROILER	80	3/4"
#7 GRIDDLE	150	3/4"
#74 FIREPLACE	60	1/2"
#74.1 FIREPLACE	50	1/2"
#74.2 POST HEATER	3 @ 15	1/2"
RTU #1	180	3/4"
RTU #2	180	3/4"
RTU #3	115	3/4"
RTU #4	115	3/4"
RTU #5	115	3/4"
RTU #6	115	3/4"
MUA #1	125	3/4"
TOTAL CONNECTED	2101	EXISTING 3" @ 7-11 WC

NOTES:

1. REDUCE BRANCH RUNS SHOWN ON SCHEMATIC TO CONNECTION SIZE SHOWN IN TABLE AT WALL OR ROOF. INSTALL VALVES, DIRT LEGS, QUICK DISCONNECTS, FLEX HOSES AND PRESSURE REGULATORS (VENT TO ATMOSPHERE) AS REQUIRED.

2. RESIZE GAS PIPING ACCORDINGLY IF AVAILABLE PRESSURE OR DESIGN LENGTH DIFFERS FROM PLAN. VERIFY AVAILABLE PRESSURE WITH LANDLORD & GAS CO. PRIOR TO BID.

3. DESIGN LENGTH = 180 FT - FIELD VERIFY PRIOR TO BID

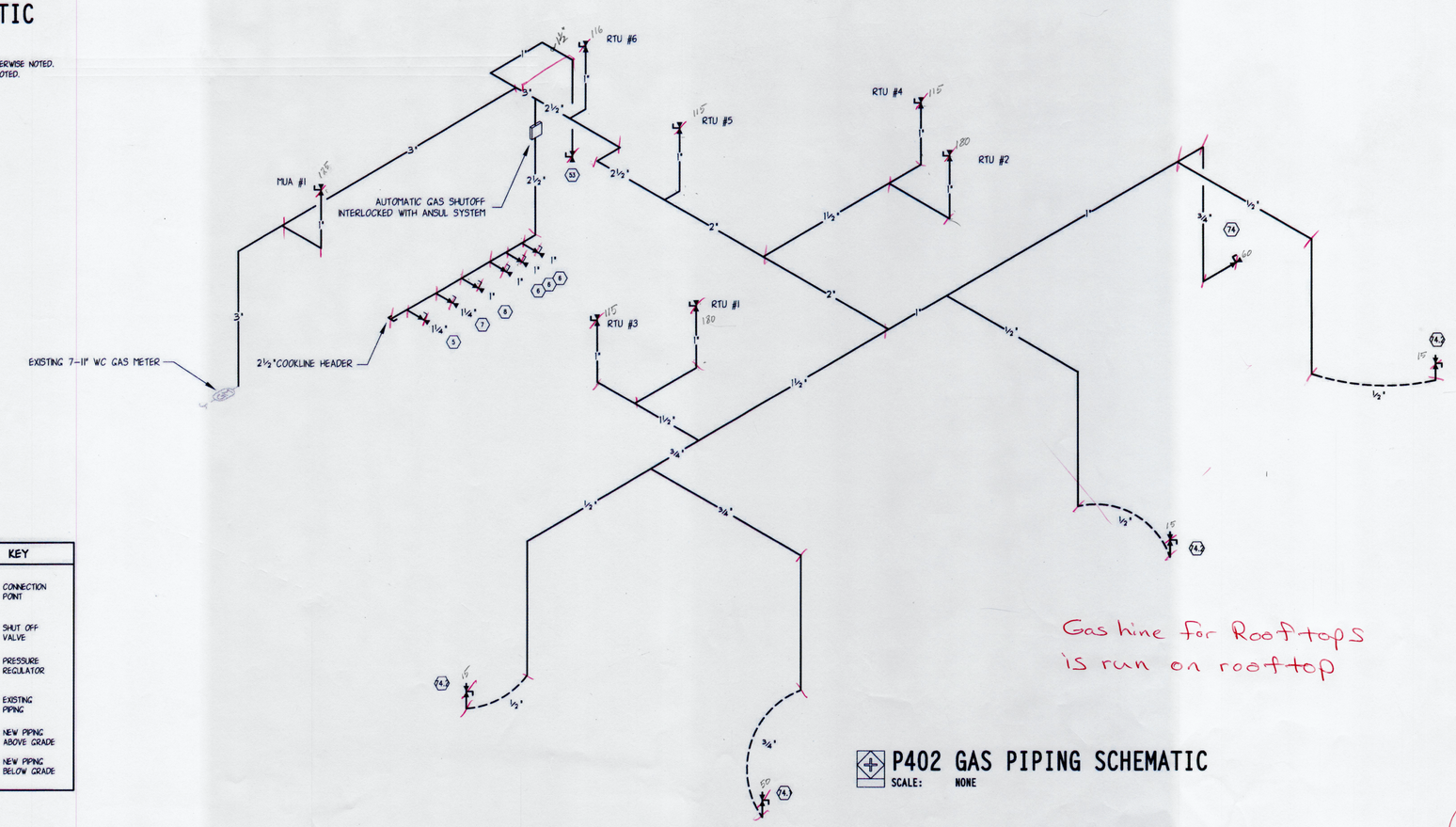
4. ALL GAS PIPING SHALL BE 1/2" UNLESS OTHERWISE NOTED.

5. COORDINATE INSTALLATION WITH LANDLORD & GAS COMPANY.

6. GAS PIPING SIZED PER IFGC TABLES 402.4(2) FOR 7-11" W.C. PIPING AND 402.4(3) FOR 2 PSI PIPING.

KEY

- CONNECTION POINT
- SHUT OFF VALVE
- PRESSURE REGULATOR
- EXISTING PIPING
- NEW PIPING ABOVE GRADE
- NEW PIPING BELOW GRADE



Gas line for Rooftops is run on rooftop

P402 GAS PIPING SCHEMATIC

SCALE: NONE

ISSUE DATE	ISSUE DESCRIPTION	REVISION
01 FEBRUARY 2018	ISSUED FOR STRUCTURAL ENGINEERING	
12 FEBRUARY 2018	ISSUED FOR DEMOLITION PERMIT	
12 MARCH 2018	ISSUED FOR PERMIT, BID, & L.L. REVIEW	

barker/nesstor ARCHITECTURE + DESIGN
600 W. CERMAK AVE. CHICAGO, IL 60616 TEL: 847+763+1692 FAX: 847+763+1697

PROPOSED RESTAURANT DEVELOPMENT FOR:

RESTAURANT & BAR

701 GORDON DR., SIOUX CITY, IA 51101

PROJECT NUMBER:	1616.01
FILE NAME:	BL01P4.DWG
DRAWN BY:	CPC
APPROVED:	JG
DRAWING TITLE:	SCHEMATICS
DRAWING SCALE:	AS SHOWN
DATE ISSUED:	AS SHOWN

PROFESSIONAL SEAL:

LICENSED PROFESSIONAL ENGINEER JOSEPH S. GABRIEL 13814 IOWA

SHEET NUMBER:

P4 OF 15

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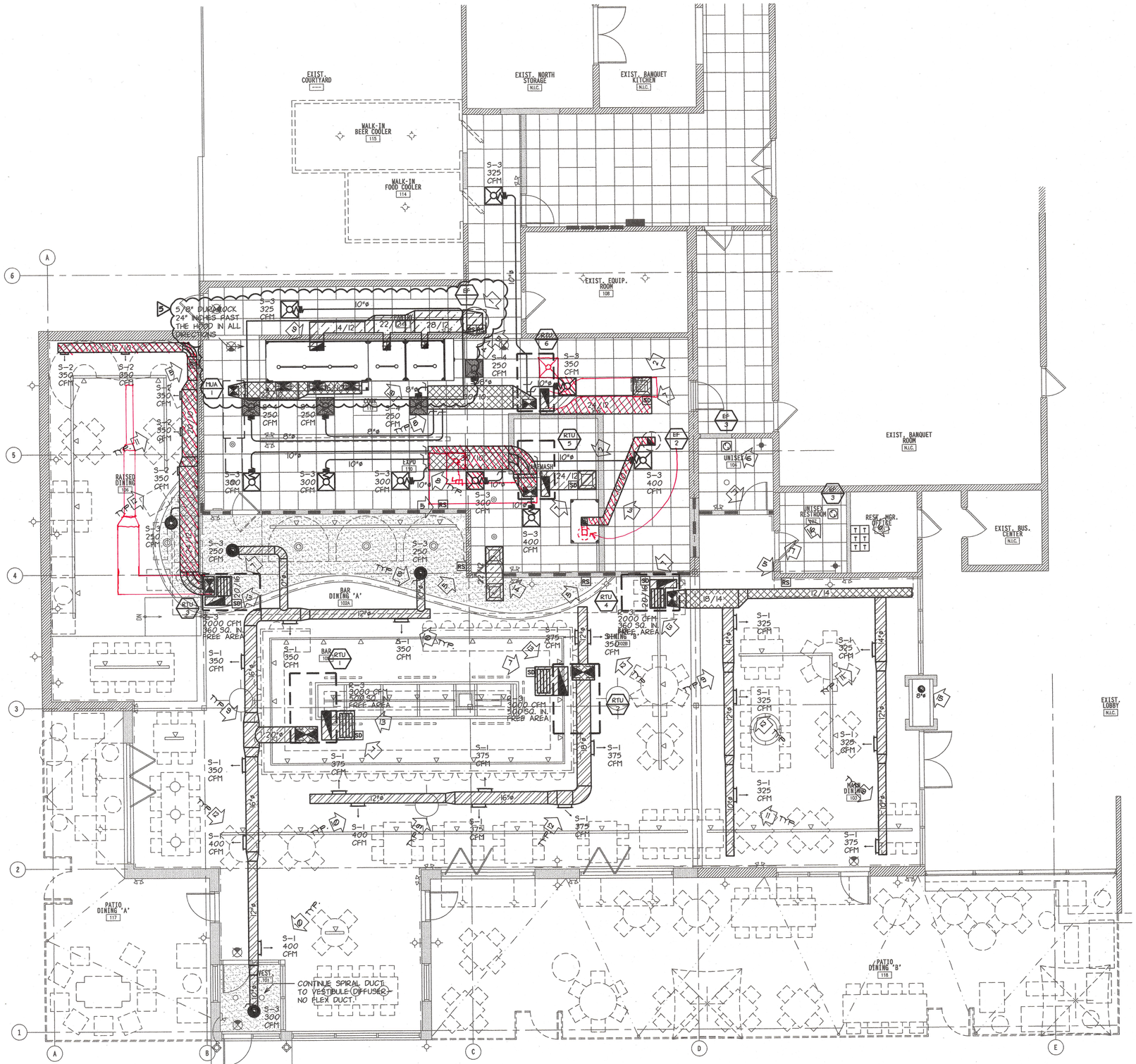

M101 HVAC PLAN

NORTH

SCALE: 3/16"=1'-0"

CONSTRUCTION NOTES

1. PROVIDE 28/12 GREASE DUCT UP TO EF-1 ON ROOF ABOVE. PROVIDE A MIN. ¼" PER FOOT OF SLOPE. INSTALL DUCT CLEANING ACCESS PANELS EVERY 20' AND AT ALL DIRECTION CHANGES. CONSTRUCT GREASE DUCT TO PROVIDE BALANCE EXHAUST FLOW FROM EACH HOOD COLLAR TO THE FAN. VERIFY DUCT ROUTE PRIOR TO CONSTRUCTING DUCT. COORDINATE ALL WORK WITH G.C. AND LANDLORD.
2. EGG CRATE RETURN GRILLE – VOLUME VARIES DEPENDING ON OCCUPIED OR UNOCCUPIED OPERATION.
3. PROVIDE 10/10 WELDED STAINLESS CONDENSATE DUCT TO EF-2 ON ROOF ABOVE. PROVIDE ALTERNATE PRICE FOR PVC OR PCD COATED GALVANIZED DUCT WITH WATER TIGHT SEALED JOINTS AND DRAIN PAN AT BOTTOM OF DROP. COORDINATE ALL WORK INCLUDING ROUTE AND LOCATION WITH G.C. AND LANDLORD. VERIFY THAT EXHAUST OUTLET IS A MIN. 10' FROM ALL FRESH AIR INTAKES PRIOR TO BID.
4. INSTALL ROOM TEMPERATURE SENSOR BESIDE KITCHEN HVAC UNIT REMOTE SENSOR. SENSOR TO BE WIRED TO THE HOOD STARTER PANEL AS INDICATED ON SHEET M4. COORDINATE WORK WITH G.C.
5. REMOTE SENSOR FOR HVAC CONTROLS – FINAL CONNECTIONS BY MECHANICAL CONTR. – CONDUIT AND WIRING BY ELECTRICAL CONTRACTOR – TYPICAL ALL SYSTEMS. CENTRAL CONTROLS IN OFFICE – VERIFY LOCATION. LOCATE SENSORS IN RETURN AIR HOUSING OR MOUNT ON WALL AT 6'-0" A.F.F. – COORDINATE WITH EQUIPMENT AND FIXTURE LOCATIONS. DIFFUSER AND SENSOR LOCATIONS CANNOT BE CHANGED WITHOUT PRIOR APPROVAL FROM THE CONSULTING ENGINEER.
6. COORDINATE THERMOSTAT AND TIME CLOCK LOCATIONS W/ARCH. ARTWORK, ETC. PROVIDE SECURITY COVER. CONTRACTOR TO SEAL WALL PENETRATIONS AT ALL THERMOSTATS AND SENSORS.
7. MOUNT FIRE/ SMOKE DETECTORS IN THE RETURN HOUSING IN AN ACCESSIBLE AREA. TYPICAL ALL UNITS.
8. PROVIDE VOLUME DAMPERS ON ALL BRANCHES, ALL SYSTEMS – TYPICAL.
9. DINING AND BAR AREA TO HAVE EXPOSED DOUBLE WALL INSULATED SPIRAL DUCT WORK. SEE ARCHITECTURAL REFLECTED CEILING AND ELEVATIONS FOR DUCT MOUNTING LOCATION. PREP ALL DUCTWORK FOR PAINT, COORDINATE ALL WORK WITH G.C. AND OWNER.
10. DINING ROOM DIFFUSERS IN RAISED ROOF AREA TO BE SET AT 45 DEGREE ANGLE UNLESS OTHERWISE NOTED. – TYPICAL.
11. DINING ROOM DIFFUSERS IN LOWER ROOF AREAS TO BE SET HORIZONTALLY UNLESS OTHERWISE NOTED. – TYPICAL.
12. M.C. TO ADJUST THE DOUBLE DEFLECTION DIFFUSER BLADES ON ALL DIFFUSERS TO PROVIDE PROPER SPACE COMFORT AND MINIMIZE DRAFTS. TYPICAL.
13. RETURN GRILLES – VOLUMES VARY DEPENDING ON OCCUPIED OR UNOCCUPIED OPERATION. INSTALL ACOUSTIC DUCT LINER AND CONSTRUCT RETURN PLENUM TO ELIMINATE DIRECT LINE OF SIGHT FROM GRILLE TO FAN. MOUNT GRILLES ON TOP SIDE OF DUCT. COORDINATE STYLE AND COLOR WITH ARCHITECT.
14. 22X12 TRANSFER DUCT. R-1 TRANSFER GRILLES TO PROVIDE MINIMUM 275 SQ IN FREE AREA EACH. INSTALL ACOUSTIC DUCT LINER. MOUNT DINING-SIDE GRILLE ON UNDERSIDE OF SOFFIT.
15. CONTRACTOR TO INSTALL FIREPLACE FLUE COMPLETE PER MANUFACTURER'S INSTRUCTIONS. COORDINATE ROUTE AND INSTALL WITH LANDLORD AND G.C. MAINTAIN MINIMUM 10' CLEARANCE FROM ALL FRESH AIR INTAKES.
16. PROVIDE 6" DUCT FROM EF-3 RESTROOM FANS TO GOOSENECK ON ROOF. MAINTAIN MINIMUM 10' CLEARANCE FROM ALL FRESH AIR INTAKES.
17. UNDERCUT DOOR.
18. RIGHT SIDE FULL END PANELS ON HOODS 2&3. SEE HOOD DRAWINGS.
19. CUT NEW DUCT COLLARS INTO BACK VERTICAL SURFACE OF HOOD. REMOVE AND REINSTALL COLLAR DAMPERS ON THE INSIDE OF THE HOOD. GREASE DUCT TO RUN ALONG THE WALL AT THE BACK SIDE OF THE HOOD THROUGH WALL OPENINGS TO THE NEW COLLARS. GREASE DUCT TO RUN UP TO EF-1 ON ROOF OUTSIDE OF THE DURA-ROCK FIRE PROOFING.

GENERAL NOTES

1. DUCTS ARE SIZED FOR FREE AREA. DIMENSIONS AND LOCATIONS CAN BE CHANGED AS LONG AS VELOCITIES AND PRESSURE DROPS ARE MAINTAINED.
2. DUCT SIZING AS FOLLOWS: FIRST NUMBER IS FOR SIDE SHOWN – SECOND NUMBER IS FOR SIDE NOT SHOWN. RATIO SHALL NOT EXCEED 15. INSTALL EXTERIOR INSULATION ON SUPPLY & RETURN. INSTALL ALL DUCT PER '85 SMACNA STANDARDS.
3. LOCATE ALL EXHAUST OUTLETS TO MAINTAIN A MINIMUM 10'-0" FROM ALL OUTSIDE AIR INTAKES.
4. WELDING OR DRILLING OF STRUCTURAL MEMBERS IS NOT ALLOWED.
5. SEE M2 FOR HVAC EQUIPMENT SCHEDULES.
6. SEE M2 FOR SYMBOLS.
7. ALL CONTRACTORS TO PROVIDE AS BUILT REDLINED DRAWINGS TO THE OWNER. AT THE COMPLETION OF EACH PROJECT.
8. M.C. TO COORDINATE ALL EXTERIOR WORK WITH LANDLORD CONTRACTOR PRIOR TO BID. COORDINATE WORK COST WITH G.C.

DO NOT SCALE FROM DRAWINGS. REFER TO ARCHITECTURAL FFE PLAN & COORDINATE EQUIPMENT LOCATIONS IN FIELD WITH MILLWORK. VERIFY CURRENT EQUIPMENT REQUIREMENTS (CONNECTION TYPE, HEIGHTS, ETC.) WITH EQUIPMENT VENDOR.

ISSUE DATE	ISSUE DESCRIPTION	REVISION
12 MARCH 2018	ISSUED FOR PERMIT, BID, & L.L. REVIEW	
03 APRIL 2018	SUPPLEMENTAL PLAN	1
13 APRIL 2018	PERMIT COMMENTS	2
24 APRIL 2018	OWNER CHANGES	3
24 APRIL 2018	FIELD CHANGES	4
07 AUGUST 2018	ISSUED FOR FIELD CONDITIONS	5

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600 W. CERMAK RD. CHICAGO, IL 60616 TEL: 847-783-1692 FAX: 847-783-1697

PROPOSED RESTAURANT DEVELOPMENT FOR:

RESTAURANT & BAR

701 GORDON DR., SIOUX CITY, IA 51101

PROJECT NUMBER:	18BL01
FILE NAME:	BL01M1.DWG
DRAWN BY:	CPC
APPROVED:	JG
DRAWING TITLE:	HVAC PLAN
DRAWING SCALE:	AS SHOWN
DATE ISSUED:	AS SHOWN

PROFESSIONAL SEAL:

IOWA LICENSED PROFESSIONAL ENGINEER JOSEPH S. GABRIEL 13814

SHEET NUMBER:

M1 OF 15

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E101 ELECTRICAL POWER PLAN

SCALE: 3/16"=1'-0"

GENERAL NOTES

1. BACK TO BACK RECEPTACLES OR TELEPHONE DATA J-BOXES ARE NOT PERMITTED.
2. FIRE ALARM SYSTEM IS DESIGN/PERMIT/BUILD BY OTHERS.
3. PROVIDE 3/4" EMT CONDUIT FOR ALL NEW 20 AMP CIRCUIT WITH #12 THAN WIRE UNLESS OTHERWISE NOTED. ALL CIRCUITS SHALL HAVE INDIVIDUAL NEUTRAL CONDUCTORS.
4. THE E.C. SHALL MAINTAIN FIRE RATINGS FOR ALL CONDUIT PENETRATIONS THROUGH FIRE-RATED CONSTRUCTION.
5. COORDINATE ALL MECHANICAL UNITS LOCATIONS AND INSTALLATION OF THEIR ELECTRICAL REQUIREMENTS WITH MECHANICAL CONTRACTOR.
6. E.C. SHALL TYPE NEW PANEL DIRECTORY AS INSTALLED IN THE FIELD.
7. COORDINATE EXACT RECEPTACLE LOCATIONS & HEIGHTS WITH ARCHITECTURAL FURNITURE/EQUIPMENT PLAN PRIOR TO ROUGH-IN.
8. ALL J-BOXES TO BE MARKED WITH PANEL & CIRCUIT NUMBER.
9. E.C. SHALL COORDINATE ALL AFTER HOURS WORK WITH THE OWNER & LANDLORD.
10. WELDING OR DRILLING OF STRUCTURAL MEMBERS IS NOT ALLOWED.
11. ALL MECHANICAL/ELECTRICAL CONNECTIONS (PPE/COND.) TO BE INSIDE CURBS (PEDESTALS).
12. ALL CIRCUITS UNDER EXHAUST HOOD SHALL BE CONNECTED TO THE FIRE PROTECTION SYSTEM AS REQUIRED PER CODES.
13. ALL CONTRACTORS SHALL PROVIDE AS-BUILT REDLINED DRAWINGS TO THE OWNER AT THE COMPLETION OF THE PROJECT.
14. ALL CONDUIT AND WIRE SHALL BE CONCEALED IN KITCHEN. ALL VERTICAL RUNS IN DINING TO BE CONCEALED. HORIZONTAL RUNS IN DINING TO BE TIGHT TO THE DECKING WHEN UNABLE TO CONCEAL ABOVE CEILING, ETC.
15. ALL 15A & 20A 125-VOLT RECEPTACLES LOCATED IN KITCHENS, RESTROOMS, OUTDOORS & ON ROOFTOPS AS WELL AS ALL RECEPTACLES WITHIN 6 FT. OF SINKS SHALL BE GFCI PROTECTED FOR PERSONNEL.
16. RECEPTACLES/OUTLETS SHALL BE INSTALLED AT 18" AFF, UNLESS NOTED OTHERWISE IN PLANS OR IF THIS HEIGHT CONFLICTS WITH ADJACENT FIXTURE/EQUIPMENT'S FINAL LOCATIONS. SEE ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN TO AVOID PLACEMENT CONFLICTS.

DO NOT SCALE FROM DRAWINGS. REFER TO ARCHITECTURAL FFE PLAN & COORDINATE EQUIPMENT LOCATIONS IN FIELD WITH MILLWORK. VERIFY CURRENT EQUIPMENT REQUIREMENTS (CONNECTION TYPE, HEIGHTS, ETC.) WITH EQUIPMENT VENDOR.

CONSTRUCTION NOTES

1. ELECTRICAL ROUGH-IN AND FINAL CONNECTIONS TO ALL FOOD SERVICE EQUIPMENT AND FIXTURES AS SHOWN ON ELECTRICAL DRAWINGS SHALL BE BY THE ELECTRICAL CONTRACTOR. ALL 15A & 20A 125-VOLT RECEPTACLES LOCATED IN KITCHENS, IN RESTROOMS, OUTDOORS, ON ROOFTOPS AND ALL RECEPTACLES WITHIN 6 FT. OF SINKS SHALL BE GFCI PROTECTED FOR PERSONNEL & READILY ACCESSIBLE. E.C. SHALL COORDINATE ROUGH-IN HEIGHTS AND LOCATIONS WITH G.C.
2. PROVIDE DEDICATED 1G QUAD OUTLET FOR DUAL-PURPOSE RTI TANKS. VERIFY EXACT HEIGHT OF DEVICES WITH G.C.
3. LINE PRINTER OUTLETS SHALL BE ORANGE, SINGLE RECEPTACLE TYPE ON A DEDICATED CIRCUIT. COORDINATE ROUGH IN HEIGHTS WITH G.C. & PASS THRU SHELVING.
4. PROVIDE ORANGE, SINGLE RECEPTACLE OUTLETS FOR ALL CIRCUITS SERVING POS STATIONS & PRINTERS, CLEARLY MARKED TO INDICATE USE. ALL CAT 5 HOMERUNS SHALL TERMINATE AT 48 PORT PATCH PANEL IN OFFICE. COORDINATE GROUND GUARD CONDITIONER REQUIREMENTS FOR POS STATIONS & PRINTERS WITH OWNER.
5. PROVIDE GFI OUTLETS MOUNTED HORIZONTALLY ON INTERIOR OF THE DIE WALL AT 3" BELOW BAR TOP. E.C. TO PROVIDE TASK LIGHTS 'W' (SEE LIGHT FIXTURE SCHEDULE). COORDINATE INSTALLATION W/ G.C.
6. COORDINATE INSTALLATION OF HEAT LAMPS, CONDUIT AND J-BOX AT PASS THRU WITH G.C. PROVIDE SWITCHES ON COOK LINE SIDE OF PASS THRU – COORDINATE SWITCHES' LOCATION WITH G.C. PRIOR TO ROUGH IN.
7. HOOD CONTROL PANEL – PROVIDE WIRING AND INTERLOCKING COMPLETE – COORDINATE REQUIREMENTS WITH M.C.
8. NEW ELECTRICAL PANELS SHALL BE INSTALLED TO MAINTAIN THE NEC REQUIRED MINIMUM 36" CLEARANCE IN FRONT. FIELD VERIFY PRIOR TO ROUGH-IN.
9. PROVIDE BLACK LEVITON #T5632 USB CHARGER/RECEPTACLES W/COVER PLATES @ BAR DIE WALL. COORDINATE EXACT MOUNTING HEIGHT W/ARCHITECT.
10. INSTALL DUPLEX RECEPTACLE FOR FRYER TIMER HIGH ON WALL ADJACENT TO EXHAUST HOOD. COORDINATE INSTALLATION LOCATION WITH G.C. IN FIELD.
11. COORDINATE LOCATION AND QUANTITY OF CONVENIENCE RECEPTACLES WITH G.C. PRIOR TO ROUGH-IN.
12. ELECTRICAL CONTRACTOR TO INSTALL RECEPTACLE FOR BEER GLYCOL SYSTEM. COORDINATE REQUIREMENTS & EXACT LOCATION WITH G.C. & VENDOR.
13. PROVIDE DEDICATED OUTLET FOR "KITCHEN OPEN LATE" SIGN – VERIFY ROUGH-IN LOCATION WITH G.C.
14. OUTLETS FOR DEDICATED A/V EQUIPMENT USE SHALL BE ORANGE AND LABELED FOR THIS USE ONLY. VERIFY ROUGH-IN HEIGHT IN FIELD.
15. COORDINATE EXACT LOCATION OF MECHANICAL EQUIPMENT WITH M.C. T-STATS & REMOTE SENSORS, DUCT MOUNTED FIRE/SMOKE DETECTORS, MOTORIZED DAMPER CONTROLS AND XFMRS BY M.C. THIS E.C. SHALL PROVIDE ALL CONDUIT AND BOXES, 8@18 AWG FROM STATS TO HVAC UNITS, 2@18 AWG FROM STATS TO SENSORS AND 2@18 AWG FROM DUCT MT'D SMOKE DETECTORS TO HVAC UNITS. USE 16 AWG FOR RUNS OVER 200'. ALL WIRE TO BE SHIELDED. COORDINATE WITH MECHANICAL CONTR. FOR REQUIRED DEVICES, QUANTITIES & EXACT LOCATIONS. PROVIDE A WEATHERPROOF GFI SERVICE RECEPTACLE AT AN ACCESSIBLE LOCATION WITHIN 25 FT. OF ALL HVAC EQUIPMENT. EXACT QUANTITY & LOCATIONS SHALL BE DETERMINED IN FIELD TO MEET THE REQUIREMENT.
16. PROVIDE TIMECLOCK OPERATION FOR NEW HW CIRC PUMP.
17. PROVIDE 5'-0" OF FLEX CONDUIT FOR CONNECTION AT THE ICE MACHINE TO ALLOW THE MACHINE TO BE PULLED OUT FOR SERVICING.
18. INSTALL ABOVE OPENING. COORDINATE EXACT LOCATION WITH G.C. PRIOR TO ROUGH-IN.
19. INSTALL POWER AND SWITCH FOR FIREPLACE COMPLETE PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. CONFIRM SWITCH LOCATION WITH OWNER PRIOR TO ROUGH-IN.
20. VERIFY EXACT EQUIPMENT TO BE SUPPLIED FOR COOLER PACKAGE WITH SUPPLIER – PROVIDE ALL REQUIRED ELECTRICAL CONNNECTIONS. NO EXPOSED CONDUIT (INSULATE AS NECESSARY) OR WIRE IN COOLER. VERIFY COMPRESSOR LOCATIONS WITH G.C.
21. CONFIRM HEIGHT OF RECEPTACLE FOR BUG LIGHT.
22. RESTROOM EXAUST FANS SHALL BE INTERLOCKED WITH HOOD EXHAUST SYSTEM. COORDINATE WITH M.C.

POS SYSTEM NOTES

1. EACH ORANGE DEDICATED POS/PRINTER OUTLET SHALL BE ON A DEDICATED ELECTRICAL CIRCUIT.
2. ALL CONDUITS FOR DATA (CAT5e CABLE) SHALL BE MINIMUM 1". SEE SYMBOLS LEGEND FOR FURTHER INSTALLATION REQUIREMENTS FOR DATA CONNECTIONS AND WIRING.
3. ALL DEDICATED CIRCUITS FOR POS/PRINTERS AND DATA INSTALLATIONS SHALL BE TESTED AT THE TIME OF THE WALK-THRU WITH THE OWNER.

REVISION	ISSUE DESCRIPTION	ISSUE DATE
	ISSUED FOR STRUCTURAL ENGINEERING	01 FEBRUARY 2018
	ISSUED FOR DEMOLITION PERMIT	12 FEBRUARY 2018
	ISSUED FOR PERMIT, BID, & L.L. REVIEW	12 MARCH 2018

barker/messor + ARCHITECTURE + DESIGN
600 W. CERMAK #3C CHICAGO, IL 60616 TEL: 847+763+1692 FAX: 847+763+1697

BAR

PROPOSED RESTAURANT DEVELOPMENT FOR:

RESTAURANT & BAR

701 GORDON DR. SIOUX CITY, IA 51101

PROJECT NUMBER:	1861.01
FILE NAME:	BLDG1.DWG
DRAWN BY:	CPC
APPROVED:	JG
DRAWING TITLE:	POWER PLAN
DRAWING SCALE:	AS SHOWN
DATE ISSUED:	AS SHOWN

PROFESSIONAL SEAL:

LICENSED PROFESSIONAL ENGINEER JOSEPH S. GABRIEL 13614 IOWA

SHEET NUMBER:

E1 OF 15

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