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| ISSUED | DATE |
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| FOR APPROVAL | |
| FOR PERMIT | 05-22-2017 |
| FOR BID | |
| FOR CONST. | |

| REVISIONS | DATE |
|-----------|------|
| 1 | |
| 2 | |
| 3 | |
| 4 | |

PROJECT:
PROPOSED AUTO GARAGE SHOP
LOT 5 MARSHALL AVE
AURORA, IL 60505
CLIENT:
JORGE MERA / LILIANA ENRIQUEZ
PHONE: 630-788-5195

JOB NO. 20-082
DATE 12-27-20
FILE 02-42-floor plan.dwg
PLOT SCALE 1:1

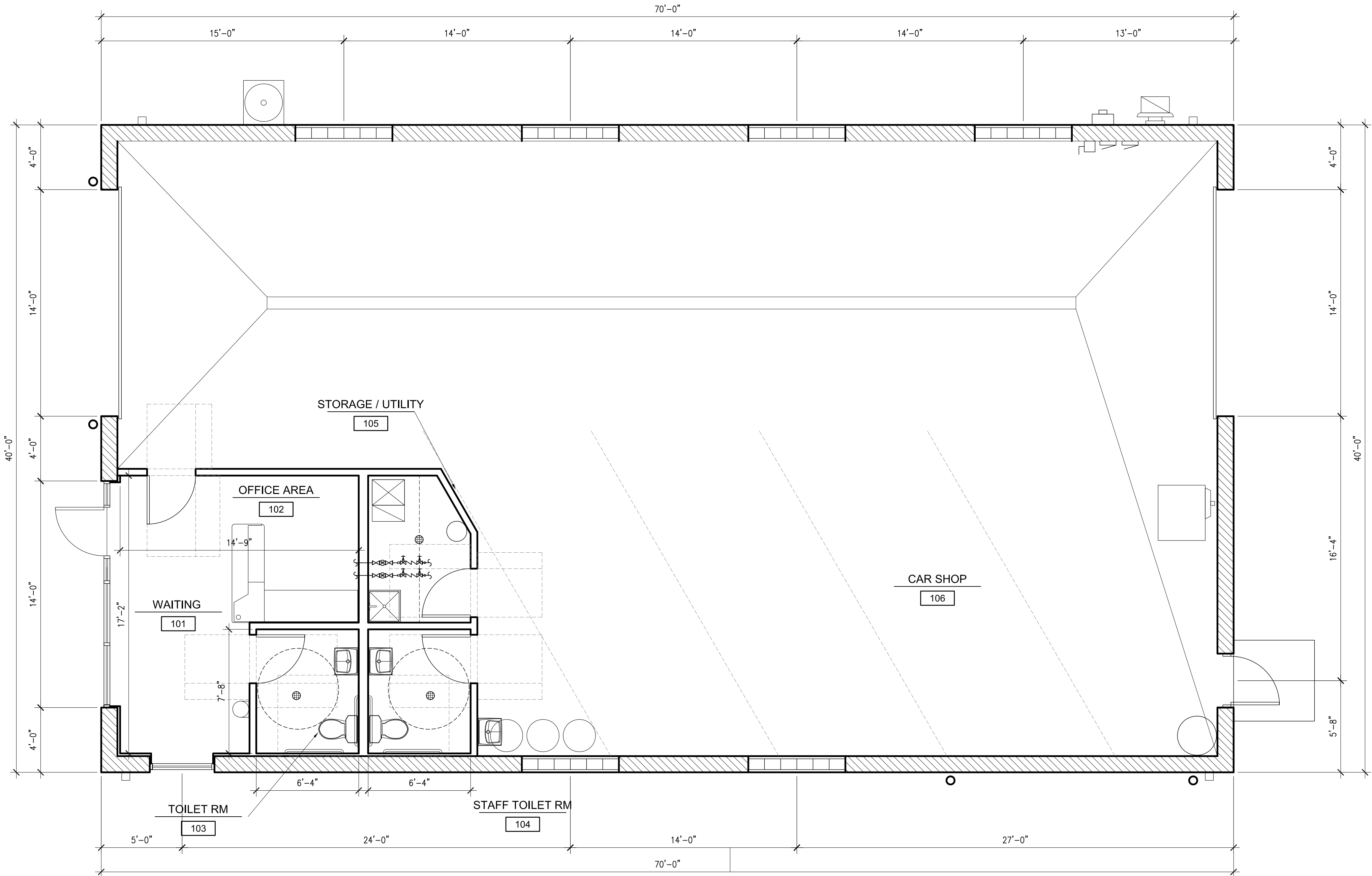
OWNER APPROVAL

Signature _____
Date _____

SHEET TITLE
FLOOR PLAN

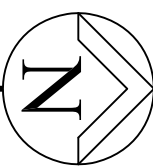
SHEET NUMBER

A1



FLOOR PLAN

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



NOTES

- 12" CONCRETE BLOCK WALL - FILL IN CAVITY WITH SPRAYED FOAM INSULATION TO ACHIEVE R-13 - AT OFFICE AREA ACHIEVE R-20 INSULATION WITH AN ADDITIONAL R-7 SPRAY ON WALL FURRING.
- 5" CONCRETE SLAB W/ WIRE MESH OVER 6MIL VAPOR BARRIER AND 4" MIN GRANULAR FILL - REFER TO STRUCTURAL DRAWINGS
- 14'-0" X 12'-0" STEEL INSULATED OVERHEAD DOOR - REFER TO DOOR SCHEDULE - PROVIDE R-4.75 MIN. INSULATION AT DOOR
- 1 1/2" (2X2) FURRING STRIPS OVER CONCRETE BLOCK @ 16" O.C. VERT. AND 1/2" GYP. BD. - PROVIDE FOAM INSULATION AT EXTERIOR WALLS - MIN. R-7
- 400 AMP ELECTRICAL SERVICE - REFER TO ELECTRICAL DRAWINGS
- FURNACE SET ON CONCRETE PAD THAT IS ELEVATED 6" ABOVE ADJACENT FLOOR PER IMC, SECTION 304.8 CLEARANCES FROM GRADE
- PROVIDE NEW 8" TRENCH DRAINS - SEE PLUMBING DRAWINGS
- 2x4 STUDS AT 16" O.C. WITH 5/8" GYP. BD. EACH SIDE. (TYP.)
- 4' x 8' FIBERGLASS REINFORCED WALL PANELS. APPLY WITH ADHESIVE AS RECOMMENDED BY MANUFACTURER OVER 5/8" W.R. GYP. BD. OVER 2X FLAT FURRING.
- 34" HIGH SALES COUNTER - PROVIDE A MIN. OF 3'-0" WIDE SERVICE COUNTER FOR HANDICAP ACCESSIBLE USE. BY MILLWORK CONTRACTOR.
- SLOPE CONCRETE FLOOR TOWARD DOOR - GC TO COORDINATE
- SINGLE ELECTRIC WATER COOLER - BOTTLED WATER UNIT WITH CUP DISPENSER - IAC COMPLIANT
- GRAB BARS. SEE DETAILS
- MOP UTILITY SINK
- PROVIDE CLASS B PORTABLE FIRE EXTINGUISHERS - PLACED IN ACCORDANCE WITH 906.3(2) IFC - ADDITIONALLY, A 2-A, 20-B-C EXTINGUISHER SHALL BE WITHIN 30 FEET OF THE HOT WORK AREA.
- PROVIDE 1 HOUR PROTECTION ON WALL AND CEILING IN STORAGE ROOM - DOORS SHALL BE SELF CLOSING AND 45 MIN. - WITH NO AIR TRANSFER NOR UNDERCUT IS ALLOWED ON DOORS - RATED ON THIS STORAGE AREA
- CONDENSER UNIT ON CONCRETE PAD - SEE SHEET M1 - PROVIDE LANDSCAPE SCREENING TO APPLIANCE
- DOWNSPOUT WITH CONCRETE SPLASHBLOCK- AT LANDSCAPED AREAS ELEVATE DISCHARGE OF D.S. AT LEAST 12"
- ALUMINUM STOREFRONT SYSTEM - SEE EXTERIOR ELEVATIONS.
- PROVIDE BUILDING ADDRESS ON THE BUILDING, FACING THE STREET AND ON FRONT DOOR AND REAR DOORS IN NUMBERS A MINIMUM OF 4 INCHES HIGH WITH A MINIMUM STROKE WIDTH OF 0.5 INCH.
- 12X12 GLASS BLOCK UNITS (U VALUE = 0.34)
- NEW FIBERGLASS TRIPLE BASIN - SEE PLUMBING DRAWINGS
- REZNOR SPACE HEATER - PROVIDE STRUCTURE TO SUPPORT HEATER (COORDINATE WITH TRUSS MANUFACTURER)
- CEILING SYSTEMS:
NON_RATED: 5/8" GYP. BD. OVER - CLARKDIETRICH FLOOR JOIST #1000S162-54 @16" O.C.
- RATED: OVER UTILITY ROOM -SEE PLAN
- 20"x36" ATTIC ACCESS - PROVIDE INSULATED ATTIC DOOR TO KEEP BUILDING ENVELOP INSULATION - PROVIDE LIGHT SWITCH AND LIGHT
- 30"x30" CLEARANCE SPACE REQUIREMENT IN FRONT OF APPLIANCE

| # | SEE DOOR SCHEDULE - SHEET A4 |
|---|--|
| 1 | SEE WINDOW TYPES - SHEET A4 |
| LINTEL SCHEDULE/ BEAM SCHEDULE | |
| L-1 | W8 X 18 WITH 3/8" X 11 1/4" PLATE |
| L-2 | CMU BOND BEAM LINTEL WITH 2 #5 REINFORCING REBAR SEE DTL. 4/A8 |
| L-3 | W10 X 49 WITH 3/8" X 11 1/4" PLATE |
| AT ALL LINTELS, BEAR 8" MIN. ON EACH END. GROUT SOLID 3 COURSES UNDER EACH BEARING LOCATION | |
| B-1 | W16 X 67 BEAR AT COLUMN TOP PLATE |
| B-2 | 3-1 3/4" X 11 7/8" LVL BEAM |

FIRE PROTECTION NOTES

- PROVIDE EMERGENCY LIGHTING IN THE RESTROOMS AND STORAGE ROOM AREA AS SHOWN ON THE PLANS.
- EXIT SIGNS SHALL HAVE RED LETTERS AT LEAST 6 IN. HIGH WITH MIN. 3/4" STROKE ON A WHITE BACKGROUND. THE WORD EXIT, EXCEPT FOR THE LETTER "I" SHALL HAVE LETTERS HAVING A WIDTH OF NOT LESS THAN 2" AND THE MIN. SPACING NOT LESS THAN 3/8".

- PLANS FOR FIRE ALARM SYSTEM SHALL BE SUBMITTED TO THE LOCAL GOVERNING AGENCY FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION OF SYSTEM. G.C. TO OBTAIN MERLIN'S WRITTEN AGREEMENT TO THE PLACEMENT OF THE FIRE CONTROL, ALARM, & ALARM BOX IN THE EVENT THAT IT IS REQUIRED BY CODE IN THE MUNICIPALITY.
- INSTALL A FIRE DEPT. KNOX KEY BOX MO# 3200R ON THE BUILDING. KNOX BOX SHALL BE RECESSED INTO THE MASONRY OF THE BUILDING BY THE MAIN ENTRANCE TO THE BUILDING. CONTACT THE GOVERNING AGENCY FOR ORDER FORMS IF REQUIRED BY MUNICIPALITY.
- FINAL LOCATIONS OF EXIT LIGHTS AND EXIT LIGHTING SHALL BE DETERMINED BY THE LOCAL FIRE OFFICIAL IN THE FIELD.

LEGEND OF PARTITIONS

- P1 DENOTES 12" BLOCK WALL. 2 HR RATED UL-U906
- P2 DENOTES 12" BLOCK WALL W/ 1 1/2" HAT CHANNELS @ 16" O.C. VERTICAL W/ APPLY FOAM INSULATION (R - 7 MIN.) AND ONE LAYER OF 1/2" GYP. BD. 2 HR. RATED UL-U914
- P3 DENOTES 3-5/8" OR 6" METAL STUDS @ 16" O.C. AND SOUND BATT INSULATION WITH ONE LAYER OF 5/8" TYPE C GYPSUM BOARD EACH SIDE. THIS IS A 1-HOUR RATED PARTITION UL-U423 LOAD BERING - EXTEND WALL TO UNDERSIDE OF ROOF TRUSSES WITH ONE LAYER OF TYPE X GYP. BOARD ON SIDE OF STUDS FACING GARAGE AREA (WHERE INDICATED IN PLAN) - NON RATED WALL SECTION
- P4 DENOTES 3-5/8" OR 6" (PLUMBING WALL) METAL METAL STUDS @ 16" O.C. AND SOUND BATT INSULATION WITH ONE LAYER OF 5/8" TYPE X GYPSUM BOARD EACH SIDE. LOAD AND NON LOAD BEARING - EXTEND WALL TO UNDERSIDE OF ROOF TRUSSES WITH ONE LAYER OF TYPE X GYP. BOARD ON SIDE OF STUDS FACING GARAGE AREA (WHERE INDICATED IN PLAN) - NON RATED PARTITION