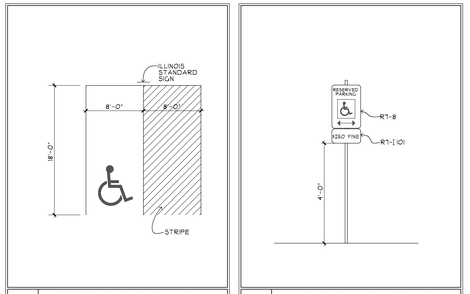
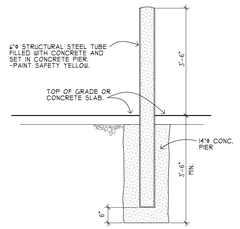
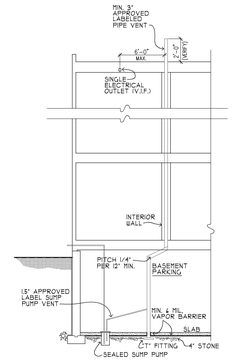



1 ACCESSIBLE PARKING
NOT TO SCALE

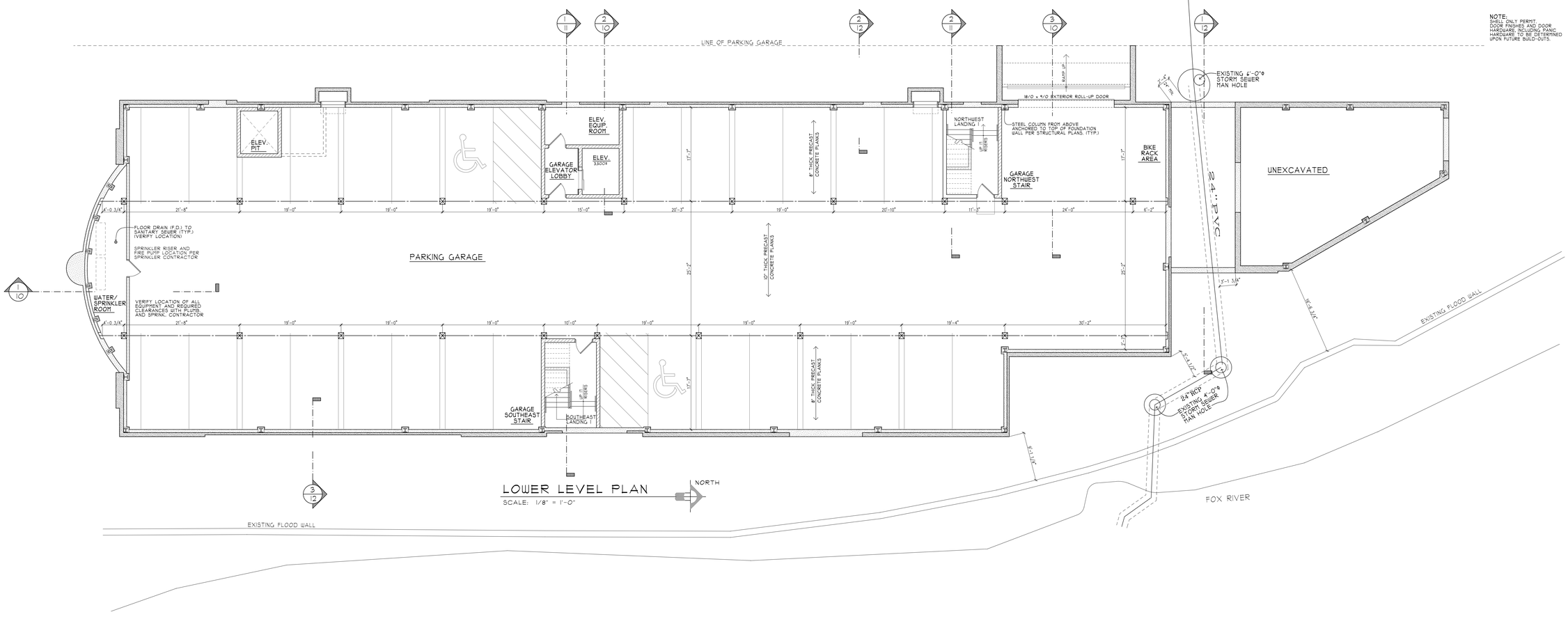
2 ILLINOIS STANDARD SIGN
NOT TO SCALE




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




PASSIVE RADON REMEDIATION DETAIL
VERIFY DETAILS WITH PLUMBING CONTRACTOR




LOWER LEVEL PLAN
SCALE: 1/8" = 1'-0"

NOTE:
SHELL ONLY PERMIT.
DOOR FINISHES AND DOOR HARDWARE, INCLUDING PANIC HARDWARE TO BE DETERMINED UPON FUTURE BUILD-OUTS.

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PLOTTED: 7/27/2016

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Sheet:
A2
of: 12

## 2015 INTERNATIONAL ENERGY CONSERVATION CODE:

1. THE THERMAL ENVELOPE OF THE NEW BUILD-OUT SHALL FOLLOW THE PRESCRIPTIVE METHOD SET FORTH IN THE 2012 IECC, SECTION C402, (ZONE #5) *UNLESS BUILDER PROVIDES PERFORMANCE CALCULATIONS AND SPECIFICATION SHEETS FOR ALTERNATIVE INSULATION CRITERIA FROM AN O.D.E. APPROVED SOFTWARE (RESCHECK, REMRATE, ETC.), THEN THESE DRAWINGS AND CONSTRUCTION SHALL BE SUBORDINATE TO THE PERFORMANCE SPECIFICATIONS.*
   - R-10 MINIMUM INSULATION UNDER NEW SLAB AT EXTERIOR WALLS
   - R-13 MINIMUM INSULATION AT EXTERIOR FRAMED WALLS
   - R-25 CONTINUOUS INSULATION ABOVE ROOF DECK
2. ACCESS DOORS FROM CONDITIONED SPACES TO UNCONDITIONED SPACES (ATTIC ACCESS) SHALL BE WEATHERSTRIPPED AND INSULATED TO A LEVEL EQUIVALENT TO THE INSULATION ON THE SURROUNDING SURFACES. ACCESS SHALL BE PROVIDED TO ALL EQUIPMENT THAT PREVENTS DAMAGING OR COMPRESSING THE INSULATION.
3. NEW GLAZED FENESTRATION (U-FACTOR) PER 2012 IECC: (IF APPLICABLE)
   - FIXED: 0.38 MAX.
   - OPERABLE: 0.45 MAX.
   - ENTRANCE DOORS: 0.11 MAX.
4. VERIFY AND MEET ALL MINIMAL AIR LEAKAGE REQUIREMENTS PER CODE. THE BUILDING THERMAL ENVELOPE SHALL BE DURABLY SEALED TO LIMIT INFILTRATION. THE SEALING METHODS BETWEEN DISSIMILAR MATERIALS SHALL ALLOW FOR DIFFERENTIAL EXPANSION AND CONTRACTION. SEE CODE FOR AREAS SPECIFIED TO BE CAULKED, GASKETED, WEATHERSTRIPPED OR OTHERWISE SEALED WITH AN AIR BARRIER MATERIAL, SUITABLE FILM OR SOLID MATERIAL.
5. PROVIDE PROGRAMMABLE THERMOSTATS AS REQUIRED
6. SUPPLY DUCTS IN ATTICS SHALL BE INSULATED TO A MINIMUM R-8. ALL OTHER DUCTS SHALL BE INSULATED TO A MINIMUM OF R-6. EXCEPTION: DUCTS OR PORTIONS THEREOF LOCATED COMPLETELY INSIDE THE BUILDING THERMAL ENVELOPE.
7. A MINIMUM OF 75 PERCENT OF THE LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE HIGH-EFFICACY LAMPS
8. A PERMANENT ENERGY CERTIFICATE SHALL BE POSTED ON OR IN THE ELECTRICAL DISTRIBUTION PANEL BY THE BUILDER
9. RECESSED LUMINARIES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO LIMIT AIR LEAKAGE BETWEEN CONDITIONED AND UNCONDITIONED SPACES. ALL RECESSED LUMINARIES SHALL BE IC-RATED AND LABELED AS MEETING ASTM E 283 WHEN TESTED AT 1.57 PSF PRESSURE DIFFERENTIAL WITH NO MORE THAN 2.0 CFM OF AIR MOVEMENT FROM ENCLOSED SPACE TO CEILING CAVITY. THE CEILING BETWEEN LUMINARIES SHALL BE SEALED WITH A GASKET OR CAULK BETWEEN THE HOUSING AND THE INTERIOR WALL OF CEILING COVERING.

## FIRST FLOOR SQUARE FOOTAGE

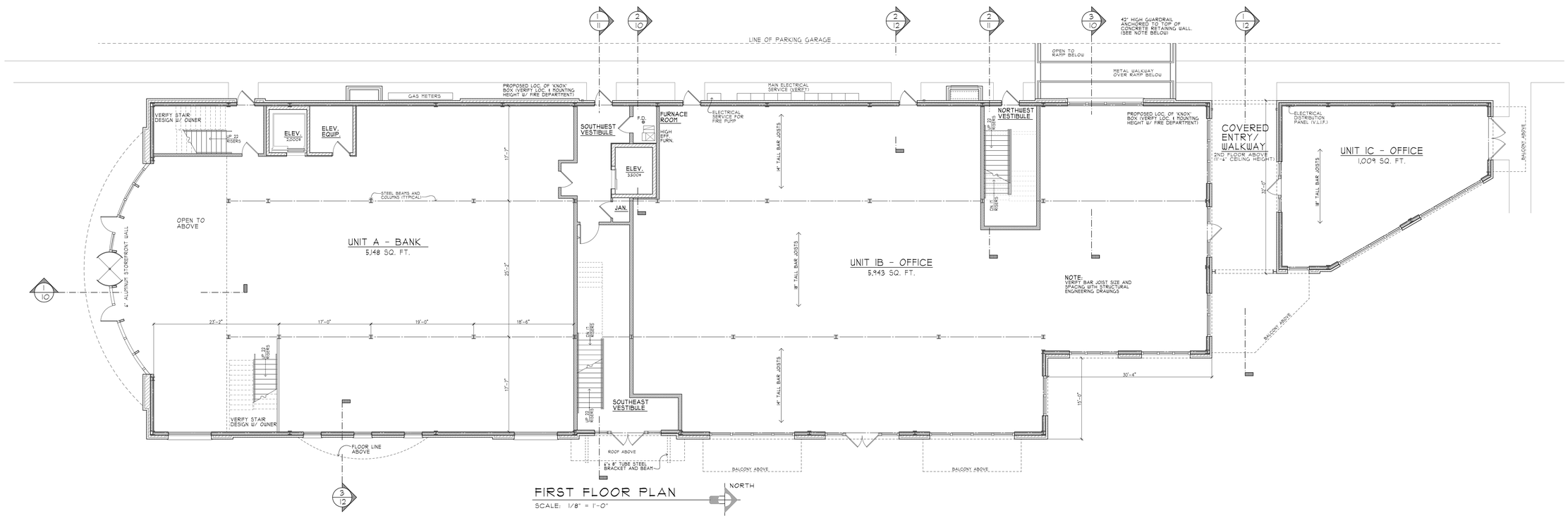
| | |
|---|---|
| GROSS SQUARE FOOTAGE: | ±13,092 S.F. |
| UNIT A - BANK: | ±5,148 S.F. |
| UNIT IB - OFFICE: | ±5,880 S.F. |
| UNIT IC - OFFICE: | ±1,009 S.F. |
| NORTHWEST VESTIBULE: | ±244 S.F. |
| SOUTHWEST VESTIBULE: | ±340 S.F. |
| SOUTHEAST VESTIBULE: | ±471 S.F. |

NOTE:
SQUARE FOOTAGE IS CALCULATED FROM OUTSIDE OF EXTERIOR WALLS AND CENTER OF DEMISING WALLS.

NOTE:
INSTALL UFER GROUNDING SYSTEM PER 2008 NEC 250.52 CONCRETE ENCASED ELECTRODE. TIE TO HORIZONTAL REINFORCING IN FOOTING NEAR ELECTRIC PANELS. NOTE TWO CONNECTIONS: ONE FOR MAIN SERVICE AND ONE FOR FIRE SERVICE. -COORDINATE DETAILS W/ ELECTRICIAN

## WALL TYPE KEY

| | | |
|---|---|---|
| W1 | ELEVATOR | 8" CONC. BLK. W/ REINFORCING PER STRUCTURAL PLANS ( 2 HOUR RATED U.L. DESIGN #U905 OR #U904 ) W/ 1 1/2" METAL FURRING AT 16"O.C. WITH 1 LAYER 5/8" TYPE 'X' FIRECODE GYP. BD. |
| W2 | GARAGE LEVEL | 4" OR 8" CONC. BLK. W/ REINFORCING PER STRUCTURAL PLANS ( 2 HOUR RATED U.L. DESIGN #U905 OR #U904 ) |
| W3 | FRAMED WALL AT STAIRWELL | 4" (4005T25) MTL. STUDS 16"O.C. WITH 2 LAYERS 5/8" TYPE 'X' GYPSUM BOARD ON BOTH SIDES OF SOUTHWEST STAIR ENCLOSURE. W/ SOUND INSULATION. (2 HOUR WALL U.L. DESIGN #U305) INSTALL BLOCKING AS REQUIRED FOR HANDRAILS. |
| W4 | EXTERIOR WALL | 5CL OR DBL WYTHE 4" MASONRY VENEER W/ 1" AIR SPACE OVER COMMERCIAL GRADE AIR BARRIER OVER 1 LAYER 1/2" GYPSUM SHEATHING OVER COMMERCIAL GRADE SHEATHING ON 6" METAL STUDS W/ DC WITH KRAFT-FACED R-19 FG BATT INSULATION AND 1 LAYER 5/8" TYPE 'X' GYP. BD. ON INSIDE (1 HR. RATED WALL) |
| W5 | INTERIOR WALL | INTERIOR 4" (4005T25) OR 6" (4005T25) METAL STUDS 16"O.C. W/ 1 LAYER 5/8" TYPE 'X' GYPSUM BD. ON FINISHED SIDE. NOTE: FINISHED IN FUTURE BUILD-OUT. |




FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

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Issue Date:
Drawn By: CDZ

Sheet: A3
of: 12

SOUTH ELEVATION

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

EAST ELEVATION

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

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Sheet:

A8

of: 9

NORTH ELEVATION

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

WEST ELEVATION

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

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Sheet:

A9

of: 9