GENERAL NOTES:

I, THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS BEFORE STARTING WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT IN WRITING.

2, THE GENERAL CONTRACTOR SHALL VERIFY THATALL NEW WORK COMPLIES WITH ALI APPLICABLE CODES, LAWS AND ORDINANCES AND SHALL OBTAIN ALL NECESSARY

PERMITS. 3, IT IS THE RESPONSIBILITY OF THE CONTRACTOR WORKING AT THE SITE TO PROTECT THE OWNER'S EXISTING STRUCTURES, EQUIPMENT, FURNISHING, ETC., FROM DAMAGE DUE TO HIS WORK.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIXING AND / OR REPLACING ANYTHING EXISTING ON THE SITE, BUILDING UTILITIES, OR ANY OTHER OWNER EQUIPMENT THAT IS DAMAGED AS A RESULT OF HIS WORK.

5, ALL WORK SHALL BE PERFORMED IN A GOOD WORKMANLIKE MANNER, ALL SUBCONTRACTORS SHALL REMOVE THEIR DEBRIS AND LEAVE THE JOB SITE BROOM SWEPT AT THE AND OF EACH WORK DAY.

6. EACH AND EVERY CONTRACTOR AND SUBCONTRACTOR PERFORMING WORK AT THE SITE OF THE PROJECT TO WITCH THIS CONTRACT RELATES, SHALL COMPLY WITH APPLICABLE PROVISIONS OF ALL PERTINENT FEDERAL AND STATE LABOR LAWS. 7, ALL PLUMBING SHALL COMPLY WITH ALL LOCAL CODES AND SHALL MEET THE REQUIREMENT OF THE 1997 STATE OF ILLINOIS 'ACCESSIBILITY CODE' AND THE 'AMERICANS WITH DISABILITIES ACT OF 1990'. VERIFY LOCATION OF EXISTING WATER SUPPLY STUBS AND SEWER CONNECTION. 8. ALL SUPPLY, RETURN AND EXHAUST DUCT OPENING SHALL BE CAPPED WITH SUITABLE

MATERIAL DURING CONSTRUCTION. 9. ALL ELECTRICAL WORK SHALL COMPLY WITH ALL LOCAL CODES AND THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODE, ELECTRICAL SHOWN ON PLANS IS SCHEMATIC ONLY, THE GENERAL CONTRACTOR SHALL VERIFY THE LOCATION OF THE EXISTING ELECTRIC SERVICE TO DETERMINE ITS SUITABILITY OR ADDITIONAL SERVICE REQUIREMENTS FOR THE PROPOSED WORK, SERVICE PANELS SHALL BE LABELED TO IDENTIFY THEIR SERVICE AREAS, ALL METALLIC WIRING SHALL BE IN METALLIC CONDUIT OR OTHER APPROVED METALLIC RACEWAYS, 'G.F.I.' PROTECTED RECEPTACLES SHALL BE PROVIDED WHEREVER LOCATED WITHIN SIX(6) FT OF WET/DAMP LOCATIONS. 10. PROVIDE PORTABLE FIRE EXTINGUISHERS ACCORDING TO THE REQUIREMENTS OF THE

LOCAL FIRE DEPARTMENT, GENERAL CONTRACTOR SHALL CONTACT THE FIRE CHIEF FOR APPROVAL OF TYPE(5) AND LOCATION(5) PRIOR TO OCCUPANCY. II. ALL TRADES SHALL DO THEIR OWN CLITTING, FITTING PATCHING, ETC., TO MAKE THE SEVERAL PARTS COME TOGETHER PROPERLY AND FIT IT TO RECEIVE OR BE RECEIVED BY WORK OF OTHER TRADES.

12. THE INTENTION OF THESE DOCUMENTS IS TO INCLUDE ALL LABOR, MATERIALS SERVICES, EQUIPMENT AND TRANSPORTATION NECESSARY FOR THE COMPLETE AND PROPER EXECUTION OF THE WORK INDICATED ON DRAWINGS OR REASONABLY INFERRED THEREFROM,

13. THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL MAINTAIN SUCH INSURANCE AS WILL PROTECT HIM FROM CLAIMS UNDER WORKMAN'S COMPENSATION ACTS AND OTHER EMPLOYEE BENEFIT ACTS; FROM CLAIMS FOR DAMAGES BECAUSE OF BODILY IN JURIES, INCLUDING DEATH TO HIS EMPLOYEES AND ALL OTHERS, FROM CLAIMS FOR DAMAGES TO PROPERTY ANY OR ALL OF WHICH MAY ARISE OUT OF OR RESULT FROM THE CONTRACTOR'S OPERATIONS UNDER THIS CONTRACT.

ALL INSURANCE REQUIRED SHALL INCLUDE INDEMNIFICATION AND HOLD HARMLESS PROVISIONS COVERING BOTH THE OWNER AND ARCHITECT

14. THE ARCHITECT SHALL NOT HAVE CONTROL OR CHARGE OF AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY PRECALITIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK OR FOR THE FAILURE OF ANY OF ITEN TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. 15. DURING CONSTRUCTION, ALL NECESSARY PRECAUTIONS SHALL BE OBSERVED SO AS TO PREVENT ANY HAZARDOUS CONDITIONS TO OCCUPANTS STILL USING OTHER PORTIONS OF THE BUILDING, FLAMMABLE FINISHES SHALL NOT BE STORED ON THE SITE UNTIL THEY ARE TO BE USED, PORTABLE FIRE EXTINGUISHING EQUIPMENT SHALL BE KEPT IN THE CONSTRUCTION AREA, COMBUSTIBLE RUBBISH AND SCRAP CONSTRUCTION MATERIALS SHALL BE REMOVED FROM THE SITE DAILY.

<u>SITE WORK NOTES</u>

. STRIP SOIL FROM THE AREA OF CONSTRUCTION, STOCKPILE IN DESIGNATED OCATION FOR GRADING, REMOVE ALL VEGETATION, BUT ONLY WITH ARCHITECT'S PRIOP APPROVAL,

2. PRESUMPTIVE SOIL BEARING CAPACITY IS 3,000 PSF ON UNDISTURBED SOIL, ALL CONCRETE FOOTING SHALL BEAR ON UNDISTURBED SOIL OR APPROVED ENGINEERED FILL, BOTTOM OF FOOTINGS SHALL BE MINIMUM 3'-6" BELOW FINISHED GRADE. 3. NO EXCAVATIONS SHALL BE MADE WHOSE DEPTH BELOW THE FOOTING IS GREATER

THAN 1/2 THE HORIZONTAL DISTANCE FROM THE NEAREST EDGE OF THAT FOOTING. 4, ALL BACKFILL AT STRUCTURES, SLABS, STEPS AND PAVEMENTS SHALL BE CLEAN GRANULAR FILL, PLACE IN 8" LAYERS AND COMPACT TO 95% MAXIMUM DRY DENSITY PER ASTM-D-1557, BUILDING SITE SHALL BE KEPT DRY SO THAT EROSION WILL NOT OCCLIR IN THE EXCAVATION.

5. ALL SLABS ON GRADE SHALL BEAR ON GRANULAR FILL MECHANICALLY COMPACTED TO 95% DRY DENSITY PER ASTM-D-1557.

6. BACKFILL SHALL BE BROUGHT UP EQUALLY ON EACH SIDE OF WALLS. DO NOT BACKFILL UNTIL WALLS HAVE CURED IN ACCORDANCE WITH ACI

REQUIREMENTS AND FIRST FLOOR JOISTS ARE IN PLACE FOR APPROPRIATE BRACING.

8. FOUR BEARING TESTS SHALL BE PERFORMED IN THE VICINITY OF CORNERS OF NEW BUILDING, NOTIFY THE ARCHITECT ABOUT ANY ABNORMAL TEST RESULTS

9, ALL DUMPSTERS, STRUCTURES, OR CONTAINERS SHALL BE COVERED AT ALL TIMES WHEN NO WORK IS BEING PERFORMED ON THE PROPERTY THAT IS THE SUBJECT OF THE PERMIT.

NOTES-MATERIALS:

WOOD:

SOUTHERN YELLOW PINE, PRESSURE TREATED USING ACQ-C, ACQ-D, CBA-A, OR CA-B PRESERVATIVE, GRADE No.1 OR BETTER SHALL BE USED FOR COLUMNS, AND GRADE No.2 OR BETTER SHALL BE USED FOR ALL OTHER MEMBERS. 2, FASTENERS;

NAILS- STAINLESS STEEL OR HOT-DIPPED GALVANIZED, SIZED AS SPECIFIED IN DETAILS, DECK SCREWS- 21/211 TO 31/211 LONG, #8 SIZE MIN., STAINLESS STEEL OR

HOT-DIPPED GALVANIZED. LAG BOLTS- STAINLESS STEEL OR HOT-DIPPED GALVANIZED, SIZED AS SPECIFIED

IN DETAILS, MATERIAL SHALL BE SAE GRADE 2, HEX BOLTS- STAINLESS STEEL OR HOT-DIPPED GALVANIZED, SIZED AS SPECIFIED IN DETAILS, MATERIAL SHALL BE ASTM A307,

3, CONCRETE;

CONCRETE, WHETHER PREPACKAGED OR REDI-MIX, SHALL HAVE A COMPRESSIVE STRENGTH OF 3,500 POUNDS PER SQUARE INCH 28 DAYS AFTER PLACEMENT, AND SHALL HAVE 5% - 8% AIR ENTRAINMENT,

4. REINFORCEMENT BARS:

REINFORCEMENT BARS SHALL BE ASTM A615, GRADE 60 STEEL. 5. MASONRY

MASONRY UNITS SHALL COMPLY WITH APPLICABLE ASTM STANDARDS, AND MORTAR SHALL BE TYPE M OR 5, WITH fm=1,150 PS1.

6. METAL CONSTRUCTION CONNECTORS: THESE SHALL BE STAINLESS STEEL, HOT-DIPPED GALVANIZED OR TRIPLE ZINC GAL VANIZED (G-185), SIMPSON STRONG TIE, UNITED STEEL PRODUCTS OR EQUAL, TO BE USED FOR JOIST HANGER, COLUMN BASE, METAL STRAP, AND METAL ANGLE

CONNECTIONS, , FLASHING AND SEALANTS:

FLASHING SHALL BE 28 GA, STAINLESS STEEL (0,15" MIN, THICKNESS ASTM AIG7, TYPE 304) OR IG-02 COLD ROLLED COPPER (0,021" MIN, THICKNESS.

ASTM B 370), CARLISE COATINGS' CCW-705 SELF-ADHERING VAPOR/ AIR BARRIER SYSTEM OR EQUAL SHALL BE USED FOR THE VAPOR BARRIER AT THE LEDGER BEAM CONNECTIONS, SEALANT SHALL BE 100% SILICONE RUBBER SEALANT WITH A 50 YEAR DURABILITY GUARANTEE, 8. STRUCTURAL STEEL:

ALL STRUCTURAL STEEL SHALL BE ASTM A-36, COATED WITH A RUST PROHIBITED PRIMER WITH A MIN, DRY THICKNESS OF 3 MILS,

CONCRETE AND REINFORCEMENT

ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH THE 'AMERICAN CONCRETE INSTITUTE BUILDING' (ACI 318) AND WITH 'SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301), LATEST EDITIONS.

2. UNLESS OTHERWISE SHOWN OR NOTED, MINIMUM COVER OF FOUND, CAST AGAINST EARTH SHALL BE 31N, OTHER CONCRETE SHALL HAVE MIN, COVER OF 21N,

3. REINFORCEMENT GRADES; BAR REINFORCEMENT SHALL CONFORM TO ASTM A 615, GRADE 60. ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A 185.

4, DETAIL BAR REINFORCEMENT ACCORDING TO ACI 315, DETAILING MANUAL LATEST EDITION, DETAIL WELDED WIRE FABRIC IN ACCORDANCE WITH THE WELDED WIRE FABRIC MANUAL OF STANDARD PRACTICE (WRI MANUAL WNF-500), LATEST EDITION

5. PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCEMENT AT POSITIONS SHOWN ON THE PLANS AND DETAILS, PLASTIC COATED ACCESSORIES SHALL BE USED IN ALL EXPOSED CONCRETE WORK,

6. CONCRETE COVER FOR REINFORCEMENT SHALL BE PROVIDED AS REQUIRED BY ACI 301 OR BY THE GOVERNING ORDINANCE, WHICHEVER IS MOST CRITICAL.

7. All EMBODIMENT LENGTHS AND LAPS SHALL BE AS REQUIRED BY ACI 318, SEE DRAWING FOR SPLICE TYPE AND CLASS, UNLESS OTHERWISE NOTED.

8. MINIMUM LAP TO BE 36 BAR DIAMETERS.

9. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE LOCATION AND PLACEMENT OF ALL INSERTS, HANGERS, SLEEVES, DUCTWORK, PADS, AND ANCHOR BOLTS THAT ARE REQUIRED BY THE ARCHITECT AND / OR EQUIPMENT ETC.

10, ALL REINFORCING SHALL BE BENT COLD, DO NOT APPLY HEAT,

FOUNDATION AND FOOTINGS NOTES

ALL CONCRETE SHALL OBTAIN 3000 PSI, 28 DAY, ULTIMATE COMPRESSIVE STRENGTH UNLESS OTHERWISE NOTED ON DRAWINGS.

ALL CONCRETE STEPS, SIDEWALKS AND PATIOS EXPOSED TO THE WEATHER AND GARAGE FLOOR SLABS BE THREE THOUSAND FIVE HUNDRED (3,500) PSI AND WITH A MINIMUM FIVE PERCENT (5%) TO A MAXIMUM SEVEN PERCENT (7%) AIR ENTRAINED, WRITTEN RECORD FROM MATERIAL SUPPLIER SHALL BE PROVIDED TO THE AUTHORITY HAVING JURISDICTION.

2. ALL CONCRETE PIERS AND FOOTINGS SHALL REST ON APPROVED 3000 PSF.

SOILS 3'-6" MIN, BELOW ADJOINING GRADE OR AS NOTED. NOTIFY ARCHITECT IMMEDIATELY IF INADEQUATE SOIL CONDITIONS ARE ENCOUNTERED.

3. ALL CONCRETE TO BE A MIX OF 1:2:5. - VOID

4. PROVIDE 1/2" [] ANCHOR BOLTS NOT LESS THAN 7" INTO CONCRETE 4'-O" O/ C NOT LESS THAN 12" AWAY FROM CORNER AND MINIMUM 2" PER EA, SILL.

5. PLACE ALL SILL PLATES ON BED OF INSULATION.

6. PLACE 2#5 BARS (IEACH FACE) WITH 2'-O'' PROJECTION AROUND ALL OPENINGS IN CONCRETE, UNLESS NOTED OR DETAILED OTHERWISE.

7. PROVIDE 4" PERFORATED PCV DRAIN TILE IN 24" BED OF 3/4" WASHED STONE, TYPICAL AROUND FULL INTERIOR PERIMETER,

BASEMENT CONC. SLAB

4" CONCRETE SLAB WITH 1,4 x 1,4 x 6 x 6 WWF ON 6 MIL, VAPOR BARRIER ON 6" GRANULATED FILL, 2. SEPARATE SLAB FROM END WALLS WITH 1/2" FIBER FORM BOARD AND SEALANT.

STRUCTURAL STEEL NOTE

, STEEL DESIGN ACCORDING TO AISC SPECIFICATIONS.

2. PROVIDE ALL ITEMS OF STRUCTURAL STEEL AS SHOWN AND SPECIFIED,

3. ALL STRUCTURAL STEEL INCLUDING MISCELLANEOUS STEEL AND ANCHOR BOL 15 SHALL BE ASTM 50 WITH MINIMUM YIELD OF 50 KSI, UNLESS OTHERWISE NOTED ON DRAWINGS

4. ALL STRUCTURAL STEEL PIPES SHALL BE ASTMA 500 GRADE B WITH MINIMUM YIELD OF 46 KSI.

5. FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO LATEST AISC STANDARDS UNLESS OTHERWISE NOTED.

6. WELDING DESIGN ACCORDING TO AWS SPECIFICATIONS, WELD SHOWN ARE BASED ON E70XX ELECTROPES.

7. WELDED CONNECTIONS SHALL HAVE THE SAME MINIMUM LENGTH WEB ANGLES THAT ARE REQUIRED FOR BOLTED CONNECTIONS SHOWN IN FRAMED BEAM CONNECTIONS TABLE I MANUAL OF STEEL CONSTRUCTION AISC.

> 8. WHERE BEARING FACING OF BOLTED PARTS ARE NOT PARALLEL, BEVELED WASHERS SHALL BE USED TO COMPENSATE FOR LACK OF PARALLELISM.

9. ALL BOLTS SHALL BE HIGH TENSILE BOLTS, FRICTION TYPE, IN ACCORDANCE WITH SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A-325 BOLTS, 3/4" MINIMUM, OR AS NOTED, BOLT SUPPLIER SHALL FURNISH A CERTIFICATE OF CONFORMANCE WITH ASTM STANDARDS, THE CERTIFICATE SHALL NAME THE CONTRACTORS AND THE PROJECT.

10, NO SHOP OR FIELD HOLES SHALL BE PLACED IN FLANGES OR BEAMS EXCEPT AS SHOWN ON STRUCTURAL DRAWINGS.

I. ALL COLUMN ENDS BEARING ON PLATES ARE TO BE FINISHED TRUE AND SQUARE.

12. EXCEPT AS SHOWN OR SPECIFIED OTHERWISE, ALL STRUCTURAL STEEL SHALL BE SHOP PAINTED USING AN APPROVED RUST INHIBITIVE PRIMER, PREPARATION OF THE SURFACES AND APPLICATION OF SHOP COAT OF PAINT SHALL BE IN ACCORDANCE WITH SECTION 1.24 OF CURRENT EDITION OF SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS OF THE AISC.

13. THE FOLLOWING STRUCTURAL STEEL SURFACES SHALL NOT BE SHOP PAINTED: -SURFACES TO BE WELDED -CONTACT SURFACES OF CONNECTIONS SURFACES INCASED IN CONCRETE.

14. ALL STEEL BEAMS IN CONCRETE BEAM POCKETS TO BEAR ON 1/2" OF GROUT.

WOOD DECK NOTES- GENERAL:

, ALL WOOD TO BE USED HAS TO BE PRESSURE TREATED AGAINST WEATHER AND DECAY,

2. MIN. 12"? CONCRETE PIERS MUST BE USED AND EXTEND 42" BELOW FINISHED GRADE AND MIN. I'' ABOVE GRADE 3. THE WOOD POSTS THAT SUPPORT THE GIRDER MAY NOT BE IMBEDDED IN THE

CONCRETE, A POST ANCHOR IS TO BE UTILIZED. 4. THE GROUND UNDER THE DECK MUST BE COVERED WITH A VAPOR BARRIER (MING-MIL) AND STONE BALLAST (PEA GRAVEL), 5. USE ONLY GALVANIZED FASTENERS,

6. OVERHEAD ELECTRICAL SERVICES MUST BE A MINIMUM OF 10'-0'' ABOVE DECK

MASONRY NOTES

PROVIDE ALL WORK SPECIFIED IN THIS DIVISION AND WORK WITH CONTRACTOR FOR PLACEMENT OF RELATED ITEMS OF OTHER TRADES.

2. SIZE AND SPACING, VENEER TIES, OF STAND WIRE, SHALL NOT BE LESS THAN WRE SIZE W 1.7 AND SHALL HAVE A HOOK OF A MIN, OF 211, VENEER TIES, IF OF CORRUGATED SHEET METAL, SHALL NOT BE LESS THAN No.22 U.S. GAGE AND AMIN. OF 7/8" WIDE, VENEER TIES SHALL BE EMBEDDED IN MORTAR OR GROUT AND EXTEND INTO THE VENEER WYTHE A MIN, OF 1/2", WITH AT LEAST 5/8" MORTAR OR GROLIT COVER TO THE EXTERIOR FACE, EACH TIE SHALL BE SPACED NOT MORE THAN 32" ON CENTER HORIZONTALLY AND SHALL SUPPORT NOT MORE THAN 2 2/311 SQUARE FEET OF WALL AREA,

GALVANIZED STEEL WIRE CONFORMING TO ASTM A153.

6. CONCRETE MASONRY UNITS TO COMPLY WITH ASTM90-90 STANDARD FOR LOAD BEARING CONCRETE UNITS, USE 2-CORE UNITS, 68% SOLID, 95 LBS DENSITY, MOISTURE CONTROL TYPE I, GRADE N-I (MIN, f'm = 1500 psi)

GRADE, ALL OF ASTM C270,

8. ALL MASONRY SURFACES SHALL BE MAINTAINED CLEAN AND FREE FROM MORTAR AS THE WORK PROGRESSES, MORTAR SMEARS SHALL NOT BE PERMITTED AND MUST BE REMOVED BY WRE BRUSHING WHEN DRY, AFTER COMPLETION OF WORK, REMOVE ALL DEBRIS, MORTAR DROPPINGS, SURPLUS SUPPLIES, ETC, FROM THE CONSTRUCTION SITE AND PROVIDE A FIRST CLASS APPEARANCE. IN EVERY RESPECT. THE USE OF ACID WILL NOT BE PERMITTED. BRICK SHALL BE CLEAN WITH FLASH-KLENZ, A NON-ACID BASE DETERGENT OF A STRENGTH SOLUTION AS RECOMMENDED BY THE DETERGENT MANUFACTURER AND AS APPROVED BY THE BRICK MANUFACTURER AND THE ARCHITECT.

9. IT IS THE INTENT OF THIS CONTRACT THAT ALL MASONRY WORK SHALL BE SOUND, STRAIGHT, TRUE AND FIRST CLASS AND COMPLETE IN EVERY RESPECT, THE GENERAL CONTRACTOR SHALL WARRANT THE EXTERIOR WALL BE FREE FROM LEAKAGE DUE TO ANY NATURAL CAUSE FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL PAYMENT AND HE SHALL WITHIN SUCH PERIOD AT HIS OWN NECESSARY TO CORRECT ANY CONDITIONS OF LEAKAGE OR DAMAGE INCIDENT THERETO THAT MAY DEVELOP. THIS CONTRACTOR, IN SIGNING HIS CONTRACT, ACCEPTS THE ABOVE CONDITIONS.

33''- ().(BEAM REINFORCEMENT.

CARPENTRY NOTES

FOLLOWS

SPECIFICATIONS)

4. PROVIDE ALL NECESSARY ITEMS OF BUILDER'S HARDWARE TO ASSEMBLE AND / OR SECURE WORK AS SHOWN OR SPECIFIED UNDER CARPENTRY OR MILLWORK, DO ALL REFITTING OR ADJUSTING FOR A PERIOD OF ONE YEAR AFTER FINAL PAYMENT AND AT NO COST TO THE OWNER, AFTER REFITTING, REFINISH WOODWORK AS SPECIFIED FOR ORIGINAL INSTALLATION.

6. BATT INSULATION TO BE OWENS CORNING FIBERGLASS INSULATION, R=49 AT CEILINGS, R=20 AT WALLS AND R=19 IN FLOORS OVER UNHEATED SPACES, INSTALL A VAPOR RETARDERON THE WARM-IN-WINTER SIDE OF THE WALL.

7. ROOF SHEATHING TO BE 3/4" DEPA EXTERIOR GRADE PLYWOOD UNLESS OTHERWISE NOTED ON DRAWINGS.

3. HORIZONTAL JOINT REINFORCEMENT TO BE LADDER TYPE, HOT DIPPED

4. PROVIDE CONTROL JOINTS AT MAXIMUM 20'-0'' O.C.

5. FACE BRICK TO COMPLY WITH ASTM C62, C216 OR C652 FOR GRADE SW.

7. MORTAR TO BE TYPE S FOR WALLS ABOVE GRADE AND TYPE M FOR BELOW

MORTAL JOINTS TO BE FULL BONDED, GROUT SHALL CONFORM TO REQUIREMENTS

10. EXTERIOR BRICK JOINTS TO BE CONCAVE TOOLED. II, BRICK VENEER TO HAVE CONTINUOUS FLASHING AND WEEP HOLES AT MAX.

12. ROOF STRUCTURE SHALL BE ANCHORED TO WALL W/ METAL STRAP ANCHORS, 1/2 INCH DIAMETER BOLTS, OR APPROVED ANCHORS SPACED NOT MORE THEN 6FT EMBEDDED AT LEAST 15 INCHES INTO MASONRY, HOOKED OR WELDED TO BOND

PROVIDE ALL CARPENTRY WORK SPECIFIED WITHIN AS SHOWN, INSTALL ALL MILLWORK, ROUGH AND FINISHED LUMBER, SASH, DOORS AND FRAMES AND CABINETRY.

2. WOOD STRUCTURAL MEMBERS TO HAVE MINIMUM LUMBER STRESS GRADE AS

DOUGLAS FIR LARCH NO.2 OR SOUTHERN PINE NO.2, MEDIUM GRAIN (FBI = 1200 PSI SINGLE, Fb=1400 PSI REPETITIVE, Fv = 90 PSI, E=1,600,000), MAXIMUM ALLOWABLE MOISTURE CONTENT SHALL BE 19%,

3. PROVIDE BLOCKING ON ALL WOOD JOISTS (AS PER MANUFACTURER

5. INTERIOR FINISH TRIM TO BE OAK IN CASE OF NEW CONSTRUCTION.

8. PROVIDE FIRESTOPPING.

COMPATIBLE W/ ACQ TREATED LUMBER.

<u>STRUCTURAL MATERIALS</u>

WIDE FLANGES-

BOLTS

WELDING

2. <u>WOOD</u>

9, ALL EXTERIOR WALL HEADERS TO BE MINIMUM (2) 2x10,

10. PROVIDE TREATED 2x SILL PLATE AGAINST THE CONCRETE.

II. DOUBLE ALL JOISTS UNDER PARALLEL PARTITIONS.

12. WOOD SUB-FLOOR TO BE TONGUE AND GROOVE INTERIOR DEPA PL WOOD, GRADE C-C, ALUED AND NAILED TO THE JOISTS, (SEE DRAWINGS FOR DETAILS)

13. USE APPROVED FIRE BLOCKING IN EVERY REQUIRED LOCATION,

14, ALL WOODS IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED, 15. FASTENERS, HANGERS AND FLASHING FOR PRESSURE TREATED WOOD SHALL BE

1 16. ALL WOOD ON ROOF MUST BE FIRE RETARDANT TREATED MEETING ASTM-D-2898

STRUCTURAL DESIGN CRITERIA: I. SNOW LOAD: 25 psf+ DRIFT

2. MIN, ROOF LIVE LOAD; 15psf 3, WIND LOAD: MAIN WIND FORCE RES. SYSTEM 20psf WIND UPLIFT 0.75x20= 15psf COMPONENTS AND CLADDING: AT CORNERS 30psf AWAY FROM CORNERS 25psf

4. FLOOR LIVE LOADS 40psf (RESIDENTIAL) 5. PARTITION LOAD 15psf 6. ROOF DECK LIVE LOAD 100psf 7. GUARDRAILING DESIGNED TO RESIST SIMULTANEOUS

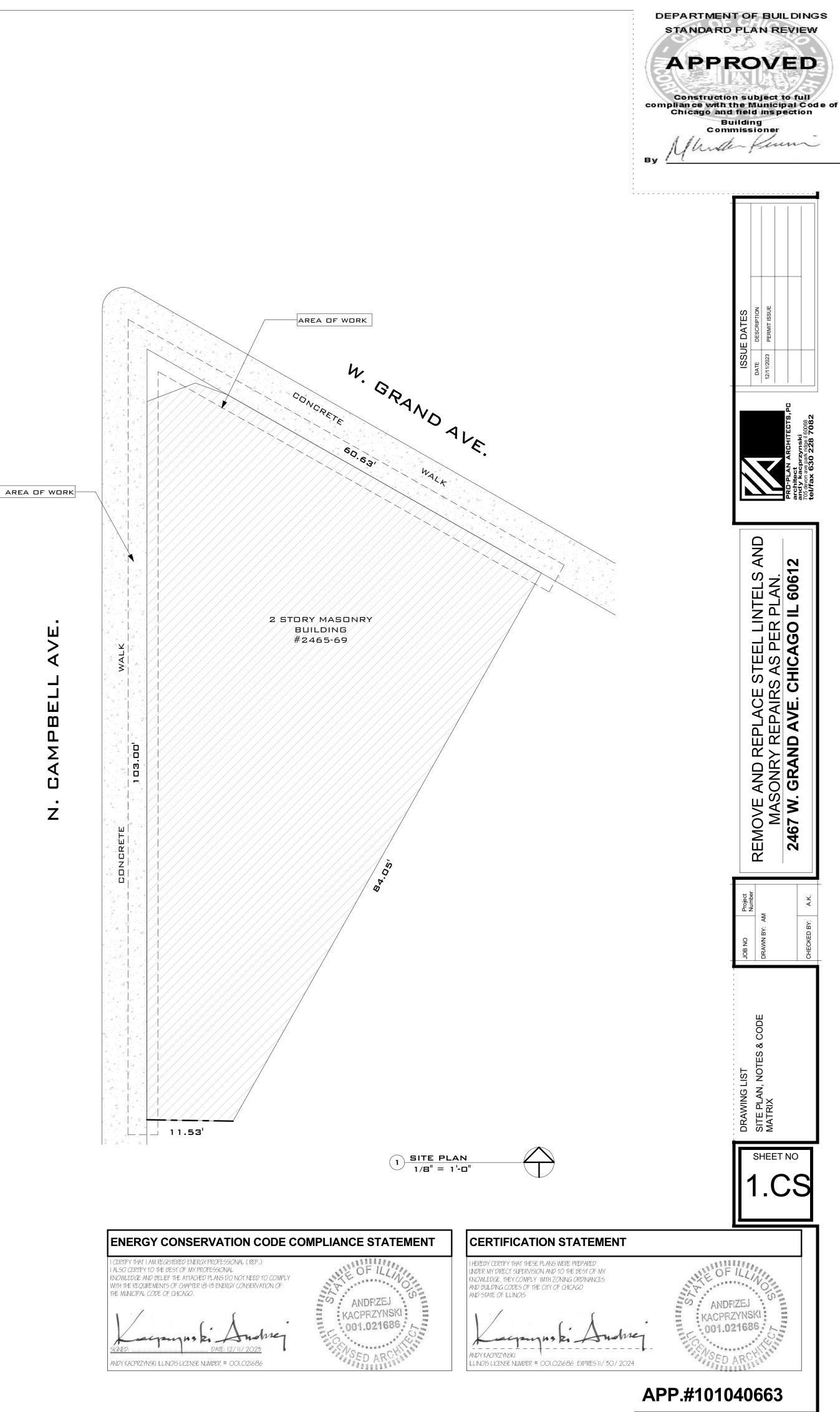
HORIZONTAL THRUST OF 50 PLF & APPLIED POINT LOAD OF 200 POUNDS AT ANY LOCATION ALONG TOP RAIL.

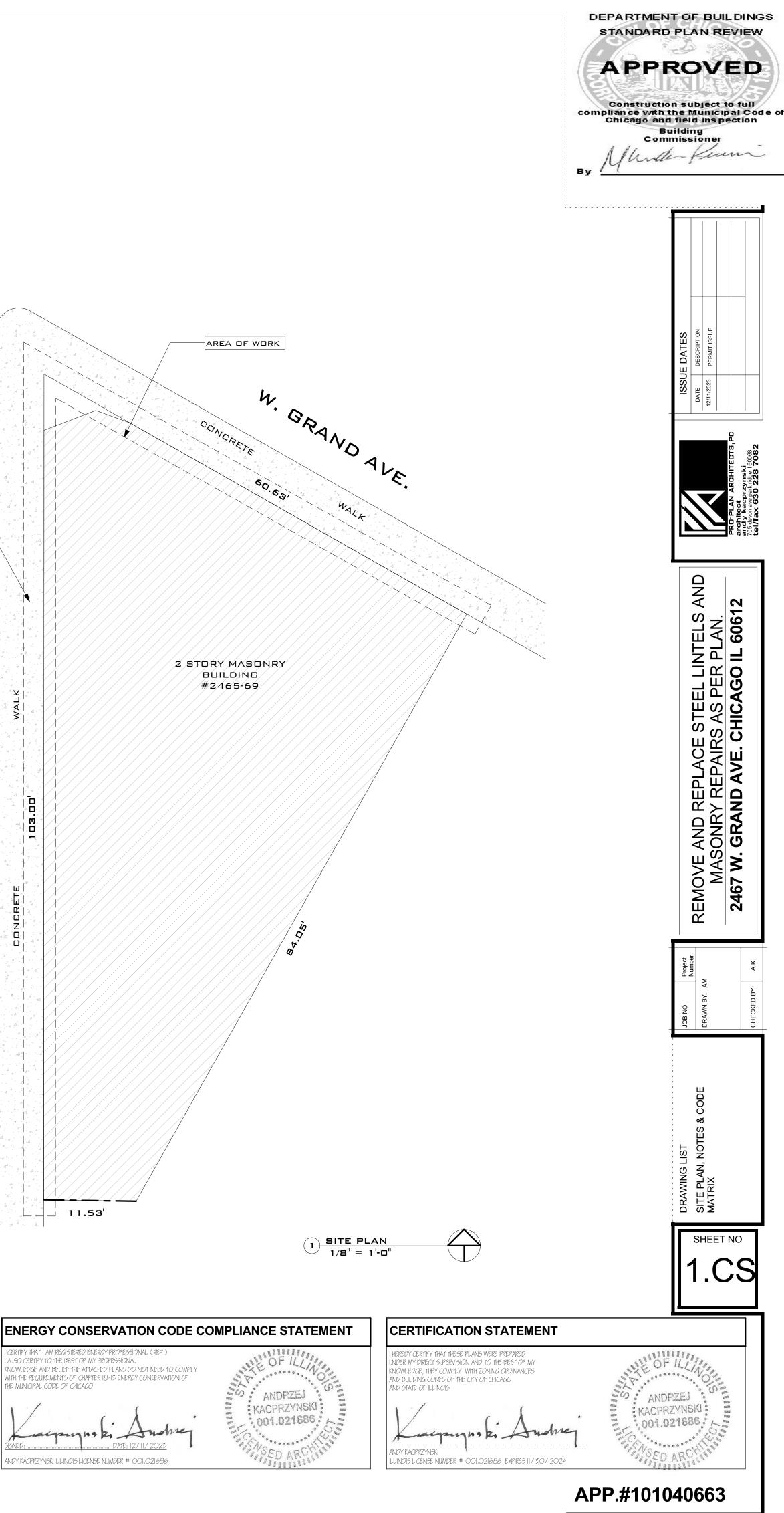
ASTM A50(Fy=50ksi) RECTANGULAR AND ROUND TUBES ASTM A500, GRADE B(Fy=46ksi ASTM A 325 AWS E70XX ELECTRODES

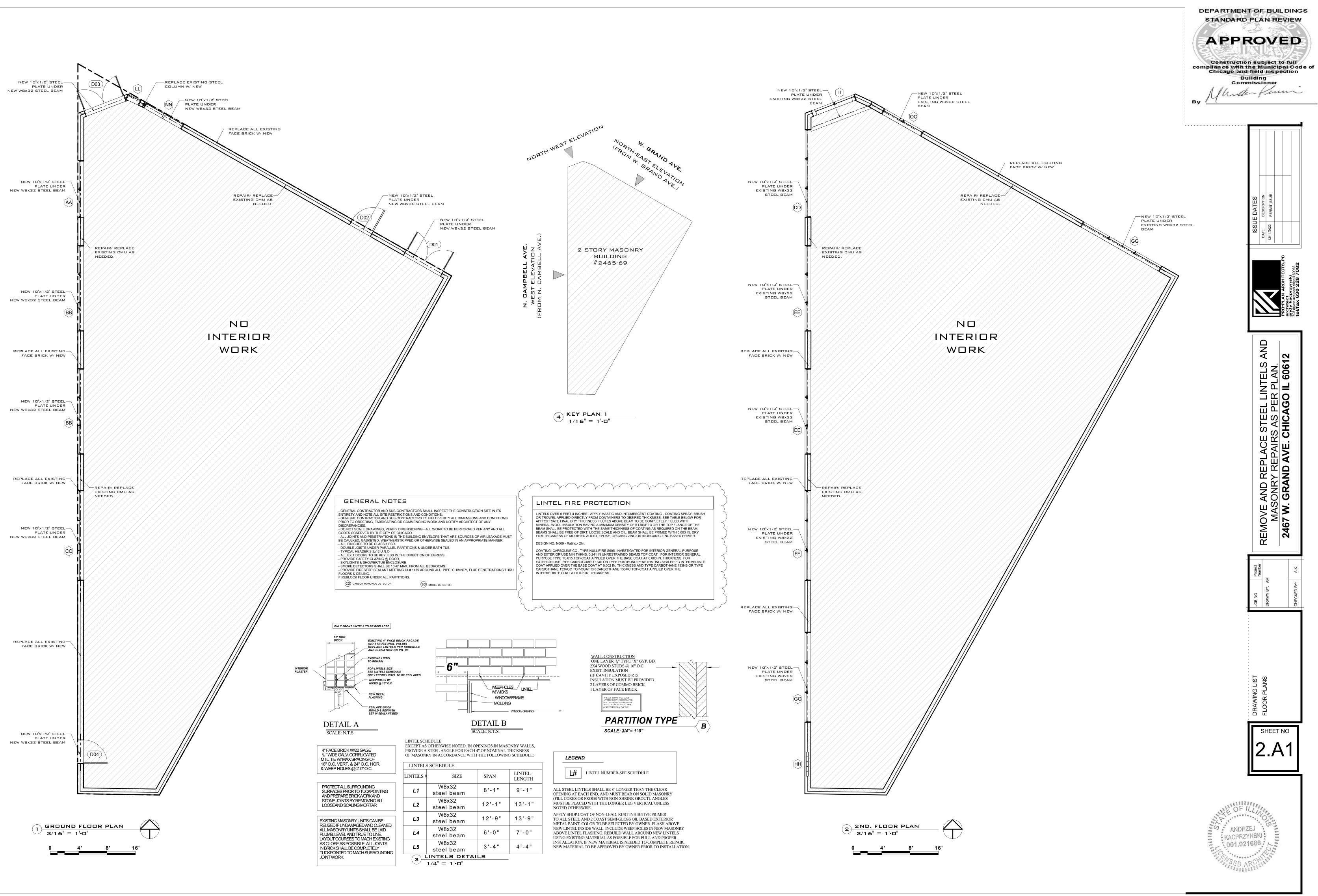
RAFTERS AND JOISTS SHALL BE HEM-FIR #2 OR BETTER WITH A MIN, PROPERTIES: -MODULUS OF ELASTICITY F=1,300,00psi -ALLOWABLE BENDING STRESS Fb=850psi

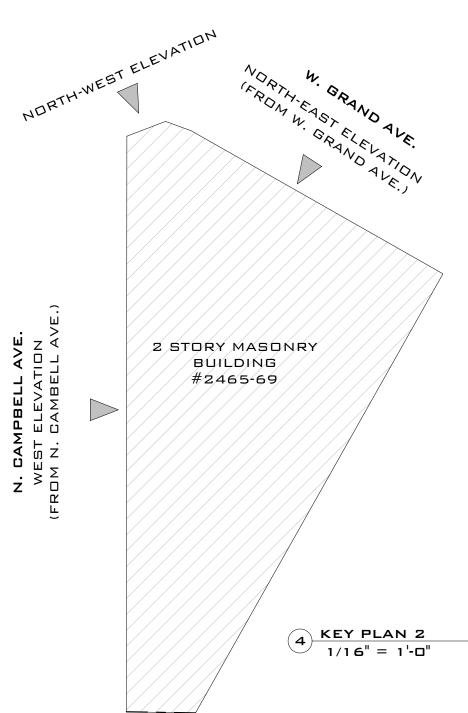
-ALLOWABLE HORIZONTAL SHEAR FV=150psi 3. <u>CONCRETE:</u> fc=3000psi; MIN. SOIL BEARING=3,000psf L______ **CODE MATRIX**

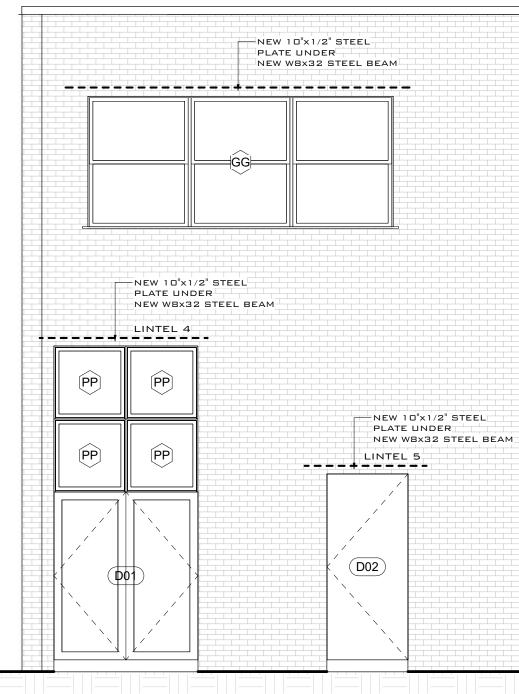
GE	NERAL BUILDING REQUIRE	MENTS Per C	Chicago Zoning Ordina	nce(CZO) and Chicago Building	g Code (CBC)		
ITEM	ISSUE	CHAPTER / ARTICLE		Ordinance Requirement	Actual	Requirement N/A	REMARKS
ZONIN	G REQUIREMENTS						
1.01	7. 1. Divis	MAP		M1-2			
1.01	Zoning District			IVI1-2			
1.02	Lot Area	17-2-0302				X	EXIS TING
1.03	Maximum Floor Area Ratio	17-2-0304-A				Х	EXIS TING
1.04	Total Building Area					X	EXIS TING
1.05	Building Height - No. of Floor	17-2-0311-A				Х	EXIS TING
1.06	Front Setback	17-2-0305			-	Х	EXIS TING
1.07	Rear Setback	17-2-0306-E				Х	EXIS TING
1.08	Rear Yard Open Space	17-2-0307				Х	EXIS TING
1.09	Side Setback	17-2-0309			_	X	EXIS TING
BUILD	ING REQUIREMENTS						1.110 11110
2.01	Occupancy Classification (s)	14R-3-302.6,	Ch. 14B-3	Class B			
2.02	Types of Construction	14B-6-602		Type III-A			
STRUC	TURAL					·	
1	Floor loads	16	(13-52-090)	Live Loads : Floor : 100 psf	Live Loads :		
I	I looi loads	10	(13-32-090)	Live Loads . Floor . 100 psi	Floor : 100 psf		
2	Foundations	8	T-11. (12.122.0(0.)	2 000	3,000 psf		
2	Foundations	8	Table (13-132-060a)	3,000 psf	minimum		
	~ ~ .	10			3,500 psi		
3 Concrete Construction		19 (13-136-010)		3,000 psi @ 28 days	(a) 28 days		
	M 0	21 (12.140.010)		A GL 520.02	Contractor to		
4 Masonry Construction		21 (13-140-010)		ACI 530-92	comply with provision		
-	W 10 / /	22	(12.144.020)	0.1.4	Grade stamps		
5	Wood Construction	23 (13-144-020)		Grade stamps required	to be recorded		
					on invoices		
NOVE	NTILATION, REFRIGERATION	DAL DI LIMPIA		1			













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7			WAL	L SCHEDULE	
>	MARK	SYMBOL	SECTION /DETAIL	DESCRIPTION	\prec
کے ۲				EXTERIOR BEARING WALL 4 [#] FACE BRICK 1 [#] AIR SPACE 6 [#] CMU BLOCKS 4HR F.R. UL# U902	<
<u>ر</u>	\nearrow			M	ىر

GENERAL NOTES	

- GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL INSPECT THE CONSTRUCTION SITE IN ITS BENERATY AND NOTE ALL SITE RESTRICTIONS AND CONDITIONS.
 GENERAL CONTRACTOR AND SUB-CONTRACTORS TO FIELD VERITY ALL DIMENSIONS AND CONDITION PRIOR TO ORDERING, FABRICATING OR COMMENCING WORK AND NOTIFY ARCHITECT OF ANY

PRIOR TO ORDERING, FABRICATING OR COMMENCING WORK AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
DO NOT SCALE DRAWINGS, VERIFY DIMENSIONING - ALL WORK TO BE PERFORMED PER ANY AND ALL CODES OBSERVED BY THE CITY OF CHICAGO.
ALL JOINTS AND PENETRATIONS IN THE BUILDING ENVELOPE THAT ARE SOURCES OF AIR LEAKAGE ML BE CAULKED, GASKETED, WEATHERSTRIPPED OR OTHERWISE SEALED IN AN APPROPRIATE MANNER.
ALL FINISHES TO BE CLASS 1 FSR.
DOUBLE JOISTS UNDER PARALLEL PARTITIONS & UNDER BATH TUB
TYPICAL HEADER 2-2x12 U.N.O
ALL EXIT DOORS TO BE KEYLESS IN THE DIRECTION OF EGRESS.
PROVIDE SAFETY GLAZING @ DOOR.

 ALL EAT DOORS TO BE REFLESS IN THE DIRECTION OF EGRESS.
 PROVIDE SAFETY GLAZING @ DOOR,
 SKYLIGHTS & SHOWERTUB ENCLOSURE
 SMOKE DETECTORS SHALL BE 15'-0" MAX. FROM ALL BEDROOMS.
 PROVIDE FIRESTOP SEALANT MEETING UL# 1479 AROUND ALL PIPE, CHIMNEY, FLUE PENETRATIONS
 FLOORS & CEILING.
 EDETEON OF LEDETE ALL ENDETED ALL FIREBLOCK FLOOR UNDER ALL PARTITIONS.

CD CARBON MONOXIDE DETECTOR (SD) SMOKE DETECTOR

									** WINDOW SCHEDULE								
						Түре		Rougi	H OPENING								
						MARK		лт WIDTH	HEIGHT	LIGHT	VENT	Түре					
						GROUND											
						AA	1	8' - 1"	6' - 🗆 "	49 SF	24 SF	DOUBLE HUNG DOUBLE					
						вв	2	12'-03/4"	6' - 0"	72 SF	36 SF	TRIPPLE DOUBLE HUNG					
				_		CC	1	12'-9"	6' - 0"	77 SF	38 SF	TRIPPLE DOUBLE HUNG					
Door Schedule				L L	2	2' - 0"	2'-111/2"	6 SF		FIXED							
						кк	4	3' - 0"	2'-111/2"	9 SF	O SF	FIXED					
		DOOR				LL	1	2' - 0"	7'- 0"	14 SF		FIXED		RED GLAS			
	DOOR SIZE	SIZE			\rightarrow $ $ \rangle	мм	2	3'-01/2"	7'-0"	21 SF	OSF	FIXED	TEMPE	RED GLAS			
DOOR				_		NN 2ND FLOI	4	3'-01/2"	2'-111/2"	9 SF	O SF	FIXED					
Number	WIDTH	HEIGHT	COUNT	COMMENTS		DD		12'-43/4"	5' - 6"	68 SF	34 SF	TRIPPLE DOUBLE HUNG					
GROUND FLC			-			EE	2	12'- 0 3/4"	5'-6"	66 SF	33 SF	TRIPPLE DOUBLE HUNG		$ \longrightarrow $			
		7'-6"		DOUBLE TEMPERED GLASS DOOR	TEMPERED GLASS	FF	1	12'-9"	5'-6"	70 SF	35 SF	TRIPPLE DOUBLE HUNG					
		8' - 3"		SINGLE FLUSH DOOR		GG	2	12'-83/4"	5' - 6"	70 SF	35 SF	TRIPPLE DOUBLE HUNG					
		7'-6"		DOUBLE TEMPERED GLASS DOOR	TEMPERED GLASS	нн	1	3' - 5"	2' - 9"	9 SF	0 SF	GLASS BLOCK					
DD4	3' - 4"	7'-10"	1	SINGLE FLUSH DOOR		11	1	6'-01/2"	5' - 6"	33 SF	17 SF	DOUBLE HUNG DOUBLE		-			
						00		6' - 4 1/2"	5' - 6"	35 SF	18 SF	DOUBLE HUNG DOUBLE					

