









**GENERAL NOTES**

- VERIFY IN THE FIELD ALL DIMENSIONS OF EXISTING CONDITION
- CONSTRUCTION TO COMPLY WITH THE 2015 IRC
- NEW 2X6 EXTERIOR STUD WALLS @ 16" O.C. STACKED FRAMED
- NEW 2X4 INTERIOR STUD WALLS @ 16" O.C. UNLESS NOTED OTHERWISE
- BEARING AND HEADERS TO BE 6X8 #2 DF OR 4X10 #2 DF FURRED-OUT
- FIREBLOCK ALL PLUMBING PENETRATIONS
- PROVIDE SOLID BLOCKING OVER BEAMS & BEARING WALLS
- ALL HANGER TO BE SIMPSON OR EQUAL
- BEDROOMS TO HAVE AT LEAST ONE OPERABLE WINDOW NET CLEAR OPENING OF 5.7 SQ. FT. MIN. WITH A NET CLEAR OPENING HT. OF 24" MIN. AND NET CLEAR OPENING WIDTH OF 20" MIN. AND A FINISHED SILL HEIGHT OF NOT MORE THAN 4" ABOVE FINISH FLOOR.
- ALL LUMBER EXPOSED TO WEATHER OR CONCRETE TO BE PRESSURE TREATED OR CEDAR

**NOTE FOR EXISTING CONDITION**

THE CONSTRUCTION DOCUMENTS REPRESENTED HEREIN ARE BASED ON NON-INVASIVE SITE OBSERVATION OF THE EXISTING STRUCTURAL CONDITIONS OF THE PROPOSED PROJECT. AS A RESULT, IN CERTAIN INSTANCES, DESIGN ASSUMPTIONS WERE USED TO FORMULATE THE COMPATIBILITY OF THE NEW CONSTRUCTION WITH THE EXISTING STRUCTURAL ELEMENTS. DURING THE COURSE OF CONSTRUCTION, IT IS POSSIBLE THAT CONDITIONS MAY BE ENCOUNTERED THAT DO NOT COINCIDE WITH THE DESIGN ASSUMPTIONS AND MAY REQUIRE FURTHER STRUCTURAL REVIEW TO DETERMINE ADEQUACY. THE BUILDER SHALL BE OBSERVANT OF THESE CONDITIONS AND IMMEDIATELY REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO PROCEEDING FURTHER WITH THE WORK.

**PLAN LEGEND**

- NEW CONSTRUCTION
- EXISTING WALL TO REMAIN
- EXISTING WALLS AND WINDOWS TO BE REMOVED AND OR MODIFIED
- NEW DOOR
- EXISTING DOOR
- EXISTING DOOR TO BE REMOVED AND OR MODIFIED

**SHEAR WALL SCHEDULE**

MARK	SHEATHING COMMON	STUDS AT ABUTTING PANEL EDGES*	PANEL EDGE NAILING **	RIM JOIST OR BLOCKING ATTACHMENT TO TOP PLATE		2X BOTTOM PLATE ATTACHMENT	SILL PLATE ATTACHMENT	
				SOLID RIM	TJI RIM		BOTTOM PLATE TO RIM JOIST BELOW**	ANCHOR BOLT TO CONCRETE ***
SW1	7/16" OSB ONE SIDE	2X	8d @ 6" O.C.	A35 @ 24" O.C.	16d @ 6" O.C.	16d @ 6" O.C.	5/8" DIA @ 48" O.C.	2X
SW2	7/16" OSB ONE SIDE	2X	8d @ 4" O.C.	A35 @ 15" O.C.	16d @ 4" O.C.	16d @ 4" O.C.	5/8" DIA @ 32" O.C.	2X
SW3	7/16" OSB ONE SIDE	3X	8d @ 3" O.C.	A35 @ 12" O.C.	NA - USE SOLID RIM	16d @ 3" O.C.	5/8" DIA @ 16" O.C.	2X
SW4	7/16" OSB ONE SIDE	3X	8d @ 2" O.C.	A35 @ 9" O.C.	NA - USE SOLID RIM	16d @ 2" O.C.	5/8" DIA @ 12" O.C.	2X

\* INTERMEDIATE FRAMING TO BE 2X STUDS. TWO 2X STUDS MAY BE USED IN PLACE OF 3X STUDS; NAIL TOGETHER WITH BOTTOM PLATE ATTACHMENT NAILING.  
 \*\* 8d NAILS SHALL BE 0.131" DIA X 2 1/2" (COMMON). 16d NAILS SHALL BE 0.135" DIA X 3 1/2" (BOX).  
 \*\*\* USE ANCHOR BOLT WITH 7" MIN. EMBED OR EXPANSION BOLTS WITH 4" EMBED. AT ALL ANCHOR BOLTS USE 3"X3"X1/4" PLATE WASHERS (SIMPSON BP58-3 OR EQUAL)  
 \*\*\*\* TWO STUDS MINIMUM ARE REQUIRED AT EACH END OF SHEARWALLS. END STUD SHALL RECEIVE PANEL EDGE NAILING.

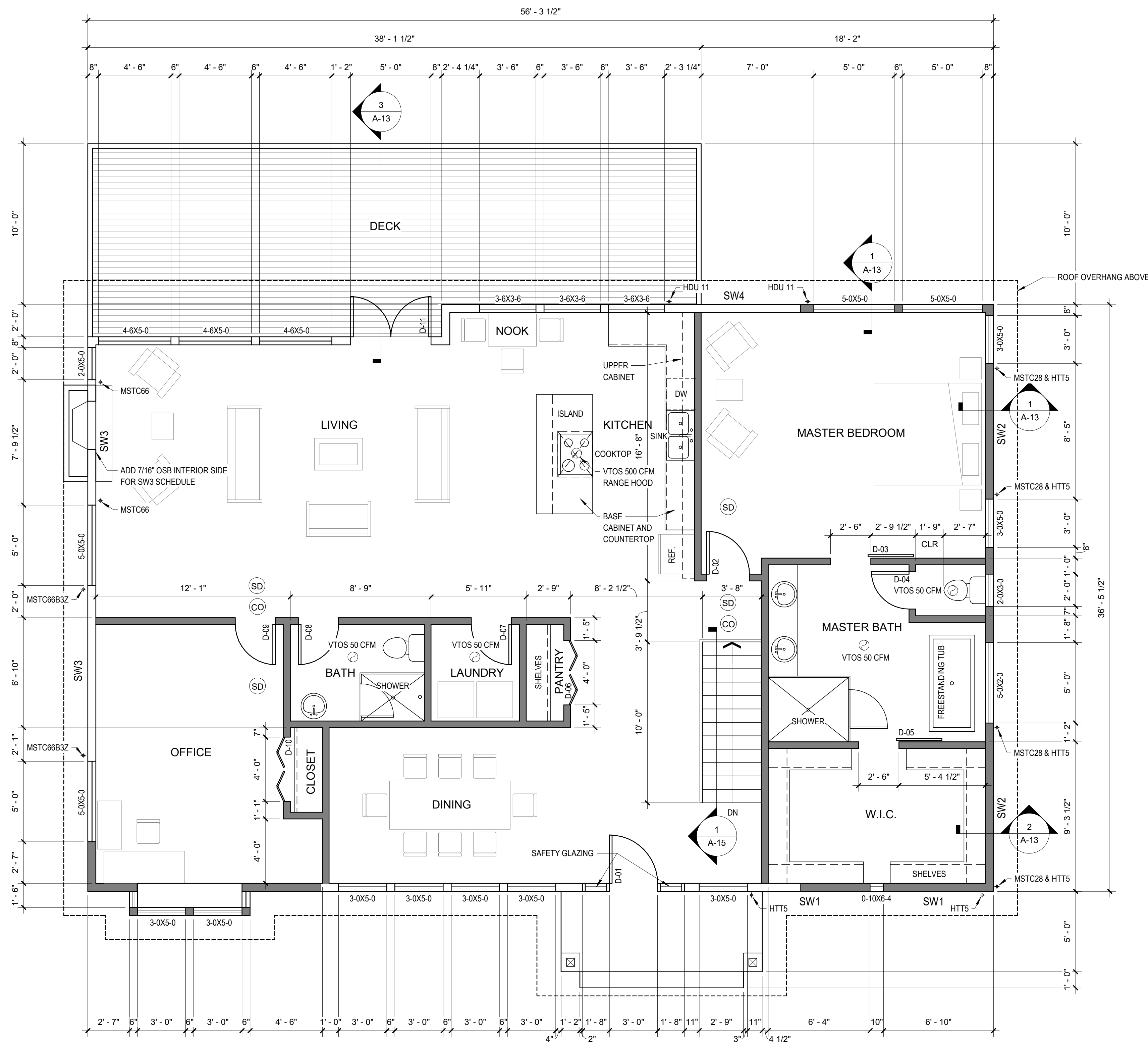
**WSEC - ENERGY EFFICIENCY CREDITS**

SELECTED OPTIONS	DESCRIPTION	CREDIT
EFFICIENT BUILDING ENVELOPE 1.3	VERTICAL PENETRATION U=0.28, FLOOR R=38	0.5
HIGH EFFICIENCY HVAC EQUIPMENT 3.4	DUCTLESS MINI-SPLIT HEAT PUMP SYSTEM	1.5
EFFICIENT WATER HEATING 5.3	GAS WATER HEATER W/ MINIMUM UEF OF 0.91	1.0

**WHOLE HOUSE FAN**

ROOM	W.G.	CFM
BATHROOM (3)	25 w.g.	50 CFM
LAUNDRY	25 w.g.	50 CFM
KITCHEN	10 w.g.	100 CFM
BEDROOM (4)	25 w.g.	50 CFM

PROVIDE 150 CFM W.H.F. WITH A 24 HOUR TIMER TO CONTROL EXHAUST FAN.  
 INTERMITTENT AIR FLOW AT 50% RUN TIME.  
 VENTILATION PATH THROUGH UNDERCUT DOOR.



**OWNER:**  
**TAE PARK**  
 8244 SE 30TH ST  
 MERCER ISLAND WA 98040

**ARCHITECT:**  
**STEVE JOO**  
 206-306-6738  
 steve.joo@hotmail.com

**STRUCTURAL ENGINEER:**  
**SUNG CHO**  
 206-235-8886  
 sung.cho@cs2engineers.com

**PARK'S RESIDENCE ADDITION**  
 8244 SE 30TH ST  
 MERCER ISLAND WA 98040

8419 REGISTERED ARCHITECT  
*Sekwang Joo*  
 SEKWANG JOO  
 STATE OF WASHINGTON  
 EXPIRES 04 / 10 / 2023

**ISSUE**

MARK	DATE	DESCRIPTION

DRAWN BY: PROJ. ARCH:  
 PROJ. NO.:  
 DATE: 12/17/2016

DWG. **PROPOSED 1ST FLOOR PLAN**

DWG. **A-5**

**STRUCTURAL DESIGN NOTES:**

1. LIVE LOAD  
 ROOF LIVE LOAD = 25 PSF (SNOW)  
 FLOOR LIVE LOAD = 40 PSF  
 DECK LIVE LOAD = 60 PSF

2. DEAD LOAD  
 ROOF TRUSS DEAD LOAD = 10 PSF TOP CHORD + 5 PSF BOTTOM CHORD

3. WIND LOAD: WIND LOADS SHALL BE IN ACCORDANCE WITH THE IBC SECTION 1609 & ASCE 7-10, CHAPTER 26 THRU 31.

WIND IMPORTANCE FACTOR (IW) = 1.0,  
 WIND EXPOSURE "C"  
 BASIC WIND SPEED (V3S) = 98 mph  
 TOPOGRAPHIC EFFECT (KZT) = 1.3

4. SEISMIC LOAD: EARTHQUAKE LOADS SHALL BE IN ACCORDANCE WITH THE BUILDING CODE (SECTION 1613) & ASCE 7-10, CHAPTER 12.

SEISMIC IMPORTANCE FACTOR (IE) = 1.0,  
 SITE CLASS "D", R = 6.5  
 Ss = 1.395g, S1 = 0.486g,  
 Sds = 1.116g, Sd1 = N/A  
 SEISMIC DESIGN CATEGORY = "D"

**WOOD:**

1. FRAMING LUMBER SHALL BE KILN DRIED OR MC-19, AND GRADED AND MARKED IN CONFORMANCE WITH W.C.L.B. STANDARD GRADING RULES FOR WEST COAST LUMBER NO. 16. FURNISH TO THE FOLLOWING MINIMUM STANDARDS:

- JOISTS & RAFTERS: HF#2 OR BETTER
- BEAMS: DF#2 OR BETTER
- STUDS, PLATES & MISC. FRAMING: HF STUD GRADE

2. STRUCTURAL WOOD PANEL SHEATHING (PLYWOOD) SHALL BE APA RATED SHEATHING WITH EXPOSURE 1 CLASSIFICATION.

- ROOF SHEATHING SHALL BE 1/2" (NOMINAL) WITH SPAN RATING 24/0.
- FLOOR SHEATHING SHALL BE 3/4" (NOMINAL) WITH SPAN RATING 40/20.
- WALL SHEATHING SHALL BE 1/2" (NOMINAL) WITH SPAN RATING 24/0.
- REFER TO WOOD FRAMING NOTES BELOW FOR TYPICAL NAILING REQUIREMENTS.

3. ALL WOOD IN DIRECT CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED WITH AN APPROVED PRESERVATIVE OR (2) LAYERS OF ASPHALT IMPREGNATED BUILDING PAPER SHALL BE PROVIDED BETWEEN UNTREATED WOOD AND CONCRETE OR MASONRY.

4. ALL LUMBER EXPOSED TO WEATHER TO BE PRESSURE TREATED OR CEDAR.

5. TIMBER CONNECTORS CALLED OUT BY LETTERS AND NUMBERS SHALL BE "STRONG-TIE" BY SIMPSON COMPANY, AS SPECIFIED IN THEIR LATEST CATALOG. EQUIVALENT DEVICES BY OTHER MANUFACTURERS MAY BE SUBSTITUTED, PROVIDED THEY HAVE ICBO APPROVAL FOR EQUAL OR GREATER LOAD CAPACITIES. PROVIDE NUMBER AND SIZE OF FASTENERS AS SPECIFIED BY MANUFACTURER. CONNECTORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. WHERE CONNECTOR STRAPS CONNECT TWO MEMBERS, PLACE ONE-HALF OF THE NAILS OR BOLTS IN EACH MEMBER. ALL BOLTS IN WOOD MEMBERS SHALL CONFORM TO ASTM A307. PROVIDE WASHERS UNDER THE HEADS AND NUTS OF ALL BOLTS AND LAG SCREWS BEARING ON WOOD. UNLESS NOTED OTHERWISE, ALL NAILS SHALL BE COMMON. ALL SHIMS SHALL BE SEASONED AND DRIED AND THE SAME GRADE (MINIMUM) AS MEMBERS CONNECTED. ALL JOISTS SHALL BE CONNECTED TO FLUSH BEAMS WITH "U" SERIES, JOIST HANGERS.

**CAST-IN-PLACE CONCRETE:**

1. CONCRETE SHALL BE MIXED, PROPORTIONED, CONVEYED AND PLACED IN ACCORDANCE WITH IBC AND ACI 301. CONCRETE SHALL ATTAIN A 28-DAY STRENGTH OF  $f_c = 3,000$  PSI AND MIX SHALL CONTAIN NOT LESS THAN 5 1/2 SACKS OF CEMENT PER CUBIC YARD AND SHALL BE PROPORTIONED TO PRODUCE A SLUMP OF 3" TO 5".

2. THE MINIMUM AMOUNTS OF CEMENTITIOUS MATERIAL MAY BE CHANGED IF A CONCRETE PERFORMANCE MIX IS SUBMITTED TO THE STRUCTURAL ENGINEER AND THE BUILDING DEPARTMENT FOR APPROVAL TWO WEEKS PRIOR TO PLACING ANY CONCRETE. THE PERFORMANCE MIX SHALL INCLUDE THE AMOUNTS OF CEMENT, FINE AND COARSE AGGREGATE, WATER AND ADMIXTURES, AS WELL AS THE WATER-CEMENT RATIO, SLUMP, CONCRETE YIELD AND SUBSTANTIATING STRENGTH DATA IN ACCORDANCE WITH ACI 318. REVIEW OF MIX SUBMITTALS BY THE ENGINEER OF RECORD INDICATES ONLY THAT INFORMATION PRESENTED CONFORMS GENERALLY WITH CONTRACT DOCUMENTS. CONTRACTOR OR SUPPLIER MAINTAINS FULL RESPONSIBILITY FOR SPECIFIED PERFORMANCE.

3. SLEEVES, OPENINGS, CONDUIT, AND OTHER EMBEDDED ITEMS NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE APPROVED BY THE PROJECT ARCHITECT/ENGINEER BEFORE POURING. CONDUITS EMBEDDED IN SLABS SHALL NOT BE LARGER IN OUTSIDE DIMENSION THAN ONE THIRD OF THE THICKNESS OF THE SLAB AND SHALL NOT BE SPACED CLOSER THAN THREE DIAMETERS ON CENTER.

4. WHERE NEW CONCRETE IS PLACED AGAINST EXISTING CONCRETE, THE EXISTING CONCRETE SURFACE SHALL BE CLEANED AND ROUGHENED TO A MINIMUM 1/4" AMPLITUDE. PROVIDE 3/4" CHAMFERS ON ALL EXPOSED CONCRETE EDGES, UNLESS NOTED OTHERWISE.

5. VERIFY ALL BLOCKOUTS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING REQUIREMENTS.

**REINFORCING STEEL:**

1. REINFORCING STEEL SHALL CONFORM TO ASTM A615, INCLUDING S1, GRADE 60, FOR DEFORMED BARS AND ASTM A185 FOR SMOOTH WELDED WIRE FABRIC (WWF), UNLESS OTHERWISE NOTED. REINFORCING STEEL TO BE WELDED SHALL CONFORM TO ASTM A706. COLUMN SPIRALS SHALL BE PLAIN OR DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60. REINFORCING STEEL SHALL BE SECURELY TIED IN PLACE WITH #16 ANNEALED IRON WIRE.

2. BARS IN SLABS SHALL BE SUPPORTED ON WELL-CURED CONCRETE BLOCKS OR APPROVED METAL CHAIRS, AS SPECIFIED BY THE CRSI MANUAL OF STANDARD PRACTICE. MSP-1 REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE "ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES," ACI 315. SHOP DRAWINGS LAP ALL INCLUDE ELEVATIONS OF ALL COLUMNS SHOWING BAR LOCATIONS. LAP ALL REINFORCING BARS AT SPLICES 36 DIAMETERS, WITH A MINIMUM LAP OF 18", EXCEPT AS NOTED.

3. CONCRETE PROTECTION (COVER) FOR REINFORCING STEEL SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE:

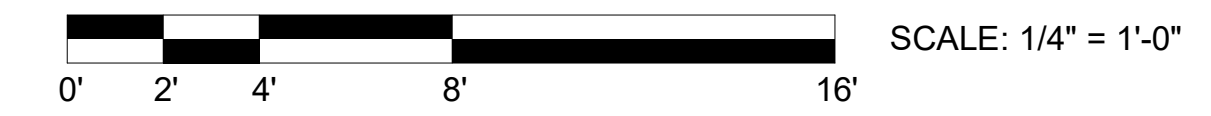
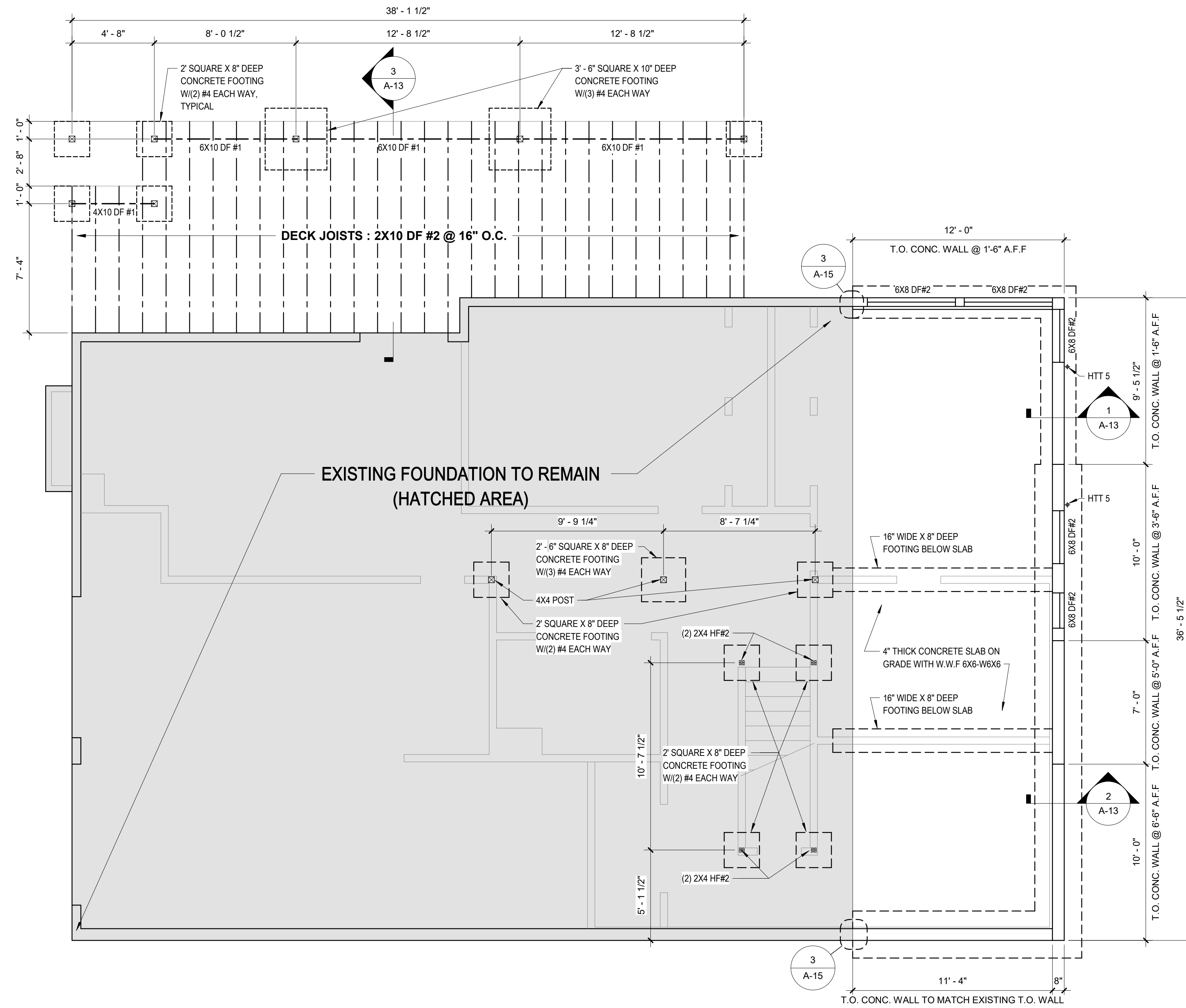
CAST AGAINST EARTH..... 3 IN.

CONCRETE EXPOSED TO EARTH OR WEATHER:  
 #6 AND LARGER..... 2 IN.  
 #5 AND SMALLER & WWF..... 1 1/2 IN.

CONCRETE NOT EXPOSED TO EARTH OR WEATHER OR NOT CAST AGAINST THE GROUND:  
 SLAB AND WALL..... 3/4 IN.  
 BEAMS AND COLUMNS..... 1 1/2 IN.

**FOUNDATION NOTES:**

- CONCRETE TO BE 5 SACK  $f_c = 3,000$  PSI @ 28 DAYS
- REINFORCING STEEL TO BE ASTM A-615 GRADE 40 OR BETTER
- FOOTINGS TO REST ON 1,500 PSI UNDISTURBED SOIL (ASSUMED)
- MIN. CONCRETE COVERAGE OF STEEL TO BE:  
 3" CLEAR @ BOTTOM OF FOOTINGS  
 1 1/2" CLEAR @ SIDE OF WALLS
- ALL LUMBER IN CONTACT W/ CONCRETE TO BE PRESSURE TREATED
- PROVIDE SOLID BLOCKING OVER SUPPORTS
- ALL ROOF DRAIN DOWNSPOUTS SHALL EMPTY INTO A 4" TIGHTLINE THAT SHALL RUN THE PERIMETER OF THE FOUNDATION AND EMPTY IN AN APPROVED MANNER
- FOOTINGS LOCATED INSIDE OF CRAWL SPACE WILL BE 8" BELOW GRADE. EXTERIOR FOOTINGS TO BE 18" MIN. BELOW GRADE, U.N.O.



**1 FOUNDATION PLAN**  
 1/4" = 1'-0"

**OWNER:**  
**TAE PARK**  
 8244 SE 30TH ST  
 MERCER ISLAND WA 98040

**ARCHITECT:**  
**STEVE JOO**  
 206-306-6738  
 steve.joo@hotmail.com

**STRUCTURAL ENGINEER:**  
**SUNG CHO**  
 206-235-8886  
 sung.cho@cs2engineers.com

**PARK'S RESIDENCE ADDITION**  
 8244 SE 30TH ST  
 MERCER ISLAND WA 98040

8419 REGISTERED ARCHITECT  
*Seungwoo Joo*  
 SEKWANG JOO  
 STATE OF WASHINGTON  
 EXPIRES 04 / 10 / 2023

ISSUE		
MARK	DATE	DESCRIPTION
1	04/29/2017	STRUCTURAL REVIEW

DRAWN BY: \_\_\_\_\_ PROJ. ARCH: \_\_\_\_\_

PROJ. NO.: \_\_\_\_\_ DATE: **3/15/2017**

DWG. **FOUNDATION PLAN**

DWG. **A-6**



**GENERAL NOTES:**

- VERIFY IN THE FIELD ALL DIMENSIONS FOR EXISTING CONDITION
- ALL HEADERS TO BE 6X8 DF#2 OR 4X10 DF#2 UNLESS NOTED OTHERWISE.
- ALL LUMBER EXPOSED TO WEATHER TO BE PRESSURE TREATED OR CEDAR.
- SKYLIGHTS IN HEATED ENVELOP TO BE INSULATED PER WSEC.
- MIN. 22"x30" ATTIC ACCESS W/ 36" MIN. HEAD ROOM. INSULATE AND WEATHERSTRIP.
- FIREBLOCK ALL VOIDS.

**TRUSS NOTES:**

- SHALL HAVE MANUFACTURER'S STAMP.
- SHALL BE INSTALLED AND BRACED PER MANUFACTURER'S INSTRUCTIONS.
- WILL NOT BE FIELD ALTERED WITHOUT BUILDING DEPARTMENT APPROVAL OF THE ENGINEERING CALCULATIONS.
- SHALL HAVE DESIGN DETAILS AND DRAWINGS ON SITE.

**TRUSS HOLDDOWN:**

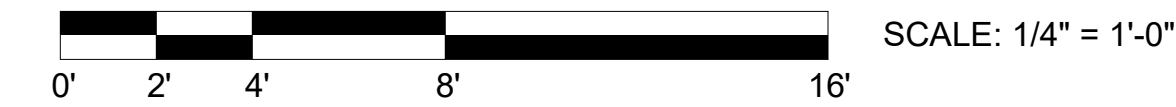
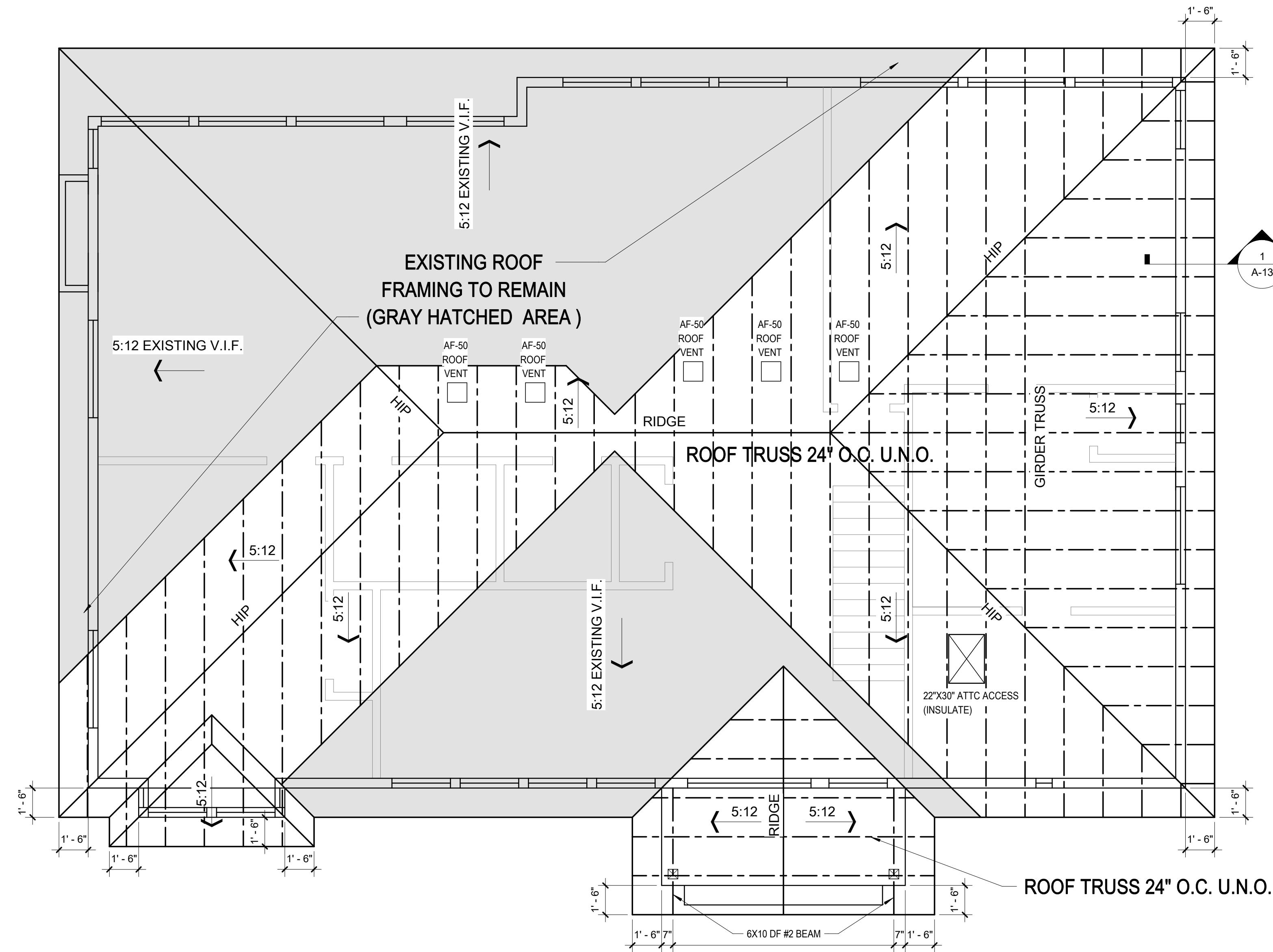
SIMPSON H8 HURRICANE TIE-G90 GALVANIZED AT EACH TRUSS

**ROOF NOTES:**

MATERIAL: COMPOSITE ROOFING  
 PITCH: 5:12  
 OVERHANG: SEE DIMENSIONS ON PLAN  
 FASCIA: 1"x6" PRIMED AND PAINTED SPRUCE FASCIA BOARD,  
 1"x8" PRIMED AND PAINTED SPRUCE FASCIA BOARD AT GABLE

**ATTIC VENTILATION:**

630 SQ. FT. ( NEW ATTIC SPACE ) X 144/300 = 302.4 SQ. IN. ( REQUIRED NET AREA )  
 PROVIDE ( 16 ) 7.85 SQ. IN. VENT BLOCKS = 125.6 SQ. IN.  
 PROVIDE ( 5 ) AF-50 ROOF JACKS = 250 SQ. IN.  
 TOTAL 375.6 SQ. IN. PROVIDED  
 IRC SECTION R806.2



**1 ROOF FRAMING PLAN**  
 1/4" = 1'-0"

**OWNER:**  
**TAE PARK**  
 8244 SE 30TH ST  
 MERCER ISLAND WA 98040

**ARCHITECT:**  
**STEVE JOO**  
 206-306-6738  
 steve.joo@hotmail.com

**STRUCTURAL ENGINEER:**  
**SUNG CHO**  
 206-235-8886  
 sung.cho@cs2engineers.com

**PARK'S RESIDENCE ADDITION**  
 8244 SE 30TH ST  
 MERCER ISLAND WA 98040

8419 REGISTERED ARCHITECT  
  
 SEKWANG JOO  
 STATE OF WASHINGTON  
 EXPIRES 04 / 10 / 2023

**ISSUE**

MARK	DATE	DESCRIPTION

DRAWN BY: \_\_\_\_\_ PROJ. ARCH: \_\_\_\_\_

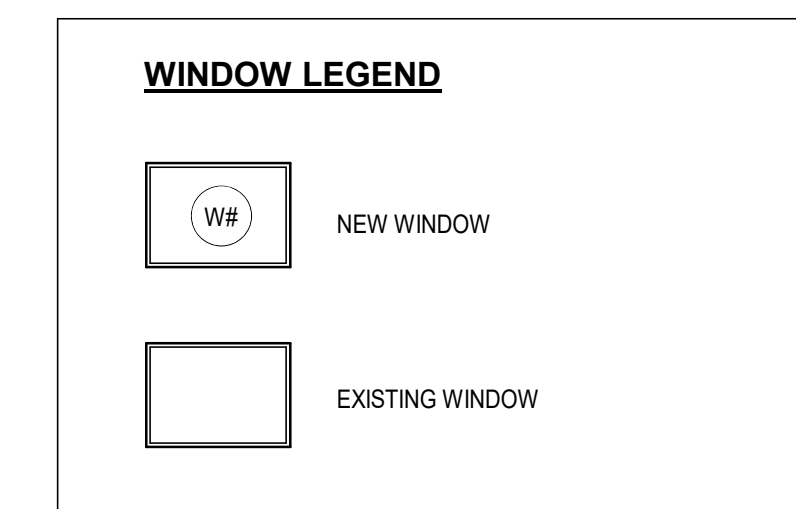
PROJ. NO.: \_\_\_\_\_

DATE: **12/17/2016**

**ROOF FRAMING PLAN**

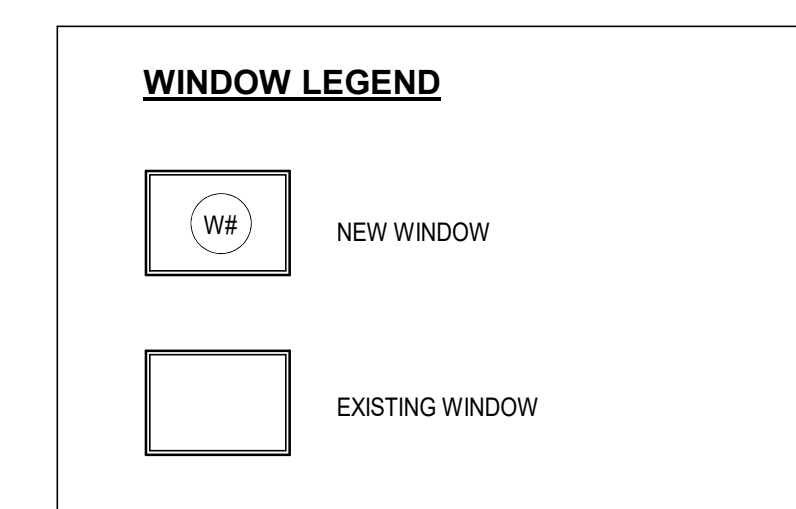
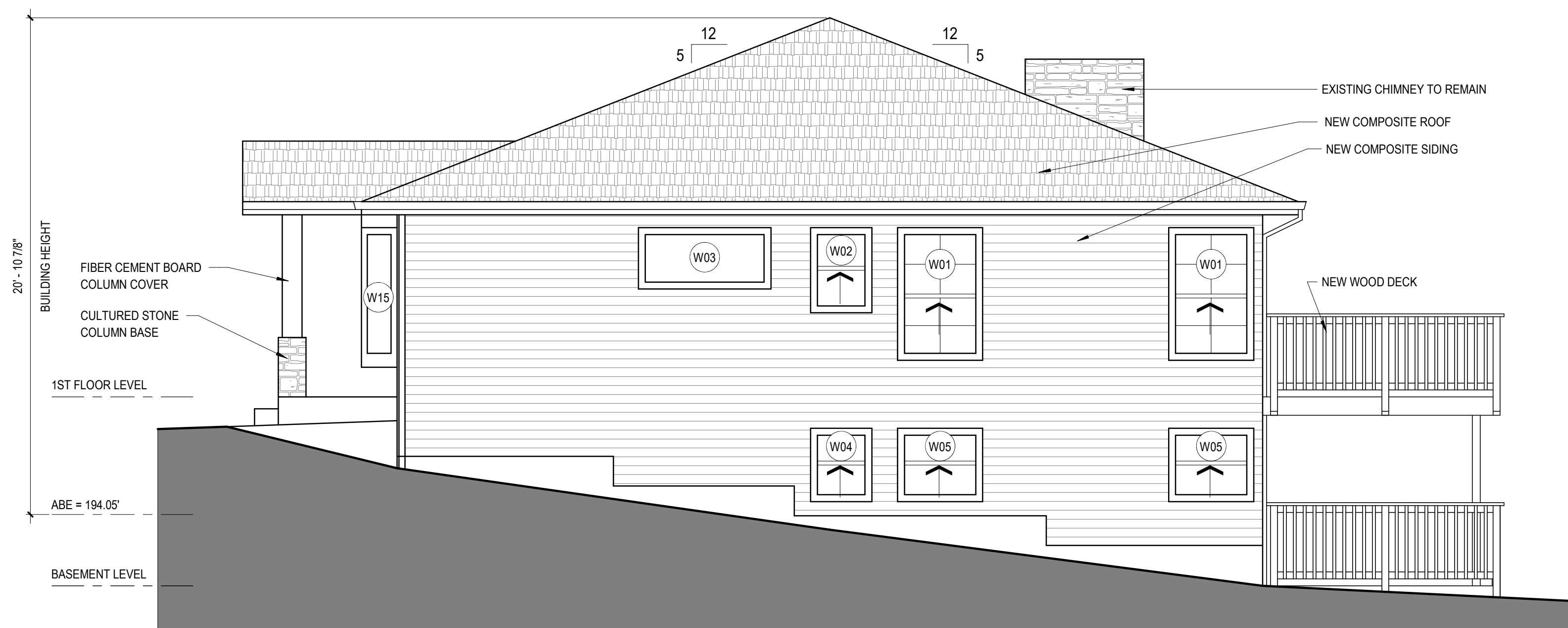
DWG. **A-8**





NOTE:  
 1. SEE SHEET A-1 FOR AVERAGE BUILDING ELEVATION CALCULATION.  
 2. SEE SHEET A-14 FOR WINDOW SCHEDULE

**1 BUILDING ELEVATION EAST - EXISTING**  
 1/4" = 1'-0"



NOTE:  
 1. SEE SHEET A-1 FOR AVERAGE BUILDING ELEVATION CALCULATION.  
 2. SEE SHEET A-14 FOR WINDOW SCHEDULE

**2 BUILDING ELEVATION EAST - PROPOSED**  
 1/4" = 1'-0"

OWNER:  
**TAE PARK**  
 8244 SE 30TH ST  
 MERCER ISLAND WA 98040

ARCHITECT:  
**STEVE JOO**  
 206-306-6738  
 steve.joo@hotmail.com

STRUCTURAL ENGINEER:  
**SUNG CHO**  
 206-235-8886  
 sung.cho@cs2engineers.com

**PARK'S RESIDENCE ADDITION**  
 8244 SE 30TH ST  
 MERCER ISLAND WA  
 98040

8419 REGISTERED ARCHITECT  
  
 SEKWANG JOO  
 STATE OF WASHINGTON  
 EXPIRES 04 / 10 / 2023

ISSUE

MARK	DATE	DESCRIPTION

DRAWN BY: \_\_\_\_\_ PROJ. ARCH: \_\_\_\_\_

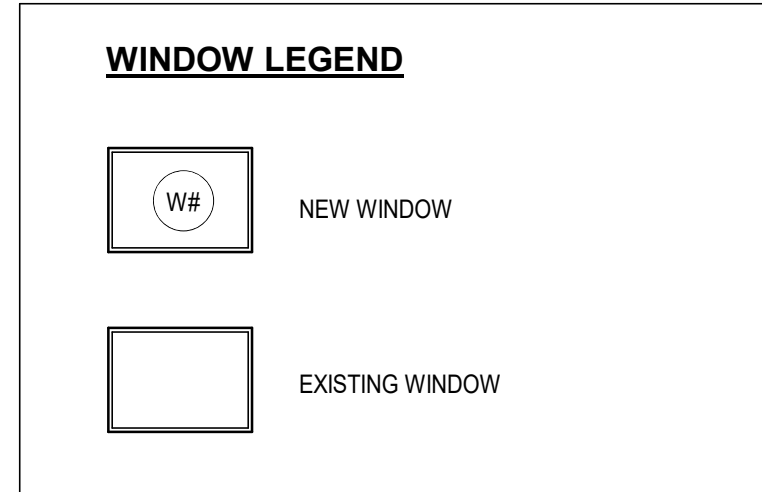
PROJ. NO.: \_\_\_\_\_

DATE: **12/03/16**

DWG.  
**BUILDING ELEVATIONS - EAST**

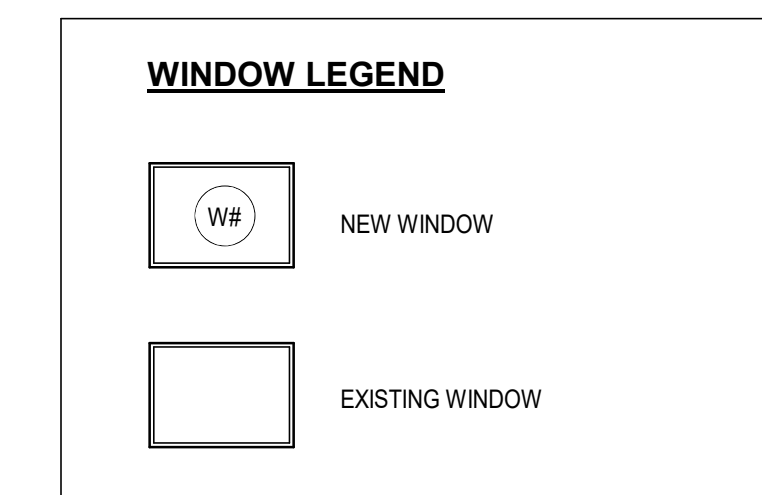
DWG.  
**A-10**





NOTE:  
 1. SEE SHEET A-1 FOR AVERAGE BUILDING ELEVATION CALCULATION.  
 2. SEE SHEET A-14 FOR WINDOW SCHEDULE.

**1 BUILDING ELEVATION WEST - EXISTING**  
 1/4" = 1'-0"



NOTE:  
 1. SEE SHEET A-1 FOR AVERAGE BUILDING ELEVATION CALCULATION.  
 2. SEE SHEET A-14 FOR WINDOW SCHEDULE.


**2 BUILDING ELEVATION WEST - PROPOSED**  
 1/4" = 1'-0"

OWNER:  
**TAE PARK**  
 8244 SE 30TH ST  
 MERCER ISLAND WA 98040

ARCHITECT:  
**STEVE JOO**  
 206-306-6738  
 steve.joo@hotmail.com

STRUCTURAL ENGINEER:  
**SUNG CHO**  
 206-235-8886  
 sung.cho@cs2engineers.com

**PARK'S  
 RESIDENCE  
 ADDITION**  
 8244 SE 30TH ST  
 MERCER ISLAND WA  
 98040

8419 REGISTERED ARCHITECT  
  
 SEKWANG JOO  
 STATE OF WASHINGTON  
 EXPIRES 04 / 10 / 2023

**ISSUE**

MARK	DATE	DESCRIPTION

DRAWN BY: \_\_\_\_\_ PROJ. ARCH: \_\_\_\_\_

PROJ. NO.: \_\_\_\_\_

DATE: **08/27/19**

DWG.  
**BUILDING ELEVATIONS - WEST**

DWG.  
**A-12**





