ABBREVIATIONS

PERF AREA DRAIN P.G. ADJUSTABLE A.F.F ABOVE FINISH FLOOR PLYWD. BOARD BLK. **BLOCK** BLOCKING REF. REINF BEAM BY OTHERS BOTTOM B.O. R.D. REQ'D BOT BSM1 BASEMENT RESII CAB. CABINET CATCH BASIN RM R.O. CAST IRON CEILING SCHED CLO CLOSET SHWR CLEAR SHT CONCRETE CONT CONTINUOUS SIM COUNTER S.D. CTR CENTER SPEC SQ. S.L.D DBL DOUBLE DFT DETAIL S.S. S.S.D. DIAMETER DIA. DIM DIMENSION STD. STL. DISPOSAL D.W DISH WASHER STOR DOWN SPOUT D.S TBD. DRWR DRAWER TEL T&G TYP. T.O. T.O.S. **EXISTING** ELEVATION DLECTRICAL FOUAL U.O.N EXPANSION VEST **FURNACE** F.D. FLOOR DRAIN V.I.F. FDN FOUNDATION FINISH FLOOR ELEVATION W.H. FFC FINISH CEILING ELEVATION w c FACE OF CONCRETE F.O.C. FOOT OR FEET FTG **FOOTING** W/O FURRING W.O. GRAB BAR WP. WT. GLASS. GROUND GRD GRADE HOSE BIB HARDWOOD HORIZ HORIZONTAL HEIGHT INSIDE DIAMETER INSHI INSULATION INTERIOR JOINT KITCHEN LAM LAMINATE LAVATORY MAX MAXIMIIM MEDICINE CABINET MECH MECHANICAL MIR MIRROR MISCELLANEOUS MTL METAL MEDIUM DENSITY FIBERBOARD 'N' OR (N) NEW NOT IN CONTRACT NUMBER NOT TO SCALE NTS

ON CENTER OUTSIDE DIAMETER

OVERFLOW DRAIN

OPENING

OPPOSITE

O.C. O.D.

OPNG

GENERAL NOTES

PERFORATED

PAINT GRADE

REFRIGERATOR

REINFORCED

ROOF DRAIN

REQUIRED

RESILIENT

ROOM

RETAINING

SCHEDULE

SHEATHING

STANDARD

SYMMETRICAL

TELEPHONE

TOP OF SLAB

VERIFY IN FIELD WASHER

WATER HEATER

WATER CLOSET WOOD WROUGHT IRON

WALK-IN CLOSE

WHERE OCCURS WATERPROOF

POUND OF NUMBER

WITHOUT

WEIGHT

ANGLE

DIAMETER

VESTIBULE

WITH

TO BE DESIGNED

TONGUE AND GROOVE TYPICAL

UNI ESS OTHERWISE NOTED

STEEL STORAGE

TREAD

TOP OF

SHOWER

SHEET

SIMII AR

ROUGH OPENING

SMOKE DETECTOR

STAINI ESS STEEL

SQUARE SEE LANDSCAPE DRAWINGS

SEE STRUCTURAL DRAWINGS

SPECIFICATION

PI ATE

PLYWOOD

RADIUS

1. ALL CONSTRUCTION TO CONFORM TO 2016 CALIFORNIA BUILDING, ELECTRICAL, MECHANICAL, AND PLUMBING CODES AND ALL OTHER STATE, COUNTY, AND CITY ORDINANCE AND REGULATIONS PERTAINING HERETO.

CONTRACTOR SHALL EXAMINE AND VERIFY EXISTING CONDITIONS OF THE JOB SITE ANY DISCREPANCY BETWEEN DRAWINGS AND EXISTING CONDITIONS SHALL BE RECORDED AND REPORTED WITH A SUBMITTAL COPY TO THE ARCHITECT FOR RESOLUTION PRIOR TO COMMENCEMENT OF WORK, ALL EXISTING CONDITION DIMENSIONS PROVIDED BY OWNER AND ARE NOT VERIFIED BY SURVEYOR OR ARCHITECT.

DO NOT SCALE THE DRAWINGS.
PERFORM EXCAVATION AND FOUNDATION WORK IN CONFORMANCE WITH THE REQUIREMENTS OF THE SOILS REPORTS.

5. ALL DIMENSIONS ARE TO THE FACE OF OF STUD, FACE OF CONCRETE, OR

FACE OR FRAMING UNLESS NOTES OTHERWISE

COMPLY WITH CERTIFICATION REQUIREMENTS OF THE CALIFORNIA ENERGY COMMISION FOR MECHANICAL EQUIPMENT, PLUMBING TRIM AND FITTINGS, WATER HEATERS, FURNACES, AND APPLIANCES.

7. INSTALL ALL MATERIALS, EQUIPMENT, FIXTURES, AND APPLIANCES IN

CONFORMANCE WITH THE REQUIREMENTS AND RECOMMENDATIONS OF THE MANUFACTURER AND THE REQUIREMENTS OF ALL APPLICABLE CODES.

8. ALL SITE-CONSTRUCTED DOORS, SKYLIGHTS, AND WINDOWS, INCLUDING BUT NOT LIMITED TO FIELD MANUFACTURED DOORS, SKYLIGHTS, AND WINDOWS SHALL BE CAULKED BETWEEN THE DOOR, SKYLIGHTS, OR WINDOW AND THE BUILDING, AND SHALL BE WEATHER-STRIPPED.

9. ALL WOOD, INCLUDING POSTS WITHIN 8" OF GROUND TO BE PRESSURE

TREATED, FOR SILL PLATES, SLEEPERS OR BLOCKING IN CONTACT WITH CONCRETED OR MASONRY FOUNDATIONS PER C.B.C. 2306.4 10. VERIFY EXACT LOCATION OF PLUMBING AND PIPING WITH THE PLUMBING SUBCONTRACTOR. BRING ANY INCONSISTENCIES TO THE ATTENTION OF THE

ARCHITECT BEFORE PROCEEDING WITH THE WORK. VERIFY EXACT LOCATION OF MECHANICAL EQUIPMENT, DUCTS, GRILLES, REGISTERS FLUES AND VENTS WITH THE MECHANICAL SUBCONTRACTOR MECHANICAL, HVAC WORK TO BE DESIGN-BUILD AND UNDER SEPARATE 12. MI PERMIT

ELECTRICAL WORK TO BE DESIGN-BUIILD AND UNDER SEPARATE PERMIT PLUMING WORK TO BE DESIGN-BUILD AND UNDER SEPARATE PERMIT.

THE CONTRACTOR SHALL PROVIDE THE BUILDING OWNER WITH THE LIST OF HEATING, COOLING, AND LIGHTING SYSTEMS FEATURES, MATERIALS COMPONENTS AND DEVICES IN THE BUILDING AND INSTRUCTIONS ON HOW TO USE

16. AFTER INSTALLING THE WALL AND CEILING INSULATION THE INSTALLER SHALL POST IN A CONSPICUOUS LOCATION IN THE BUILDING A CERTIFICATED SIGHED BY THE INSTALLER STATING THE INSTALLATION IS CONSISTENT WITH THE PLANS. THE CERTIFICATE SHALL ALSO STATE THE MANUFACTURER'S NAME, MATERIAL IDENTIFICATION , AND INSTALLED R-VALUE.

THE CENTER OF RECEPTACLES/OUTLETS SHALL BE MOUNTED NOT LESS

LIGHT SWITCHES, ELECTRICAL OUTLETS, THERMOSTATS, AND OTHER ENVIRONMENTAL CONTROLS SHALL NOT BE LESS THAN 15" OR MORE THAN 48"

19. STRUCTURAL OBSERVATION SHALL BE REQUIRED BY THE [X] ARCHITECT OR [X] ENGINEER FOR STRUCTURAL CONFORMANCE TO THE APPROVED PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR FILING/RECEIVING OF ALL

HVAC SYSTEMS SLICH AS VIA A STATE CERTIFIED APPRENTICESHIP PROGRAM PUBLIC UTILITY TRAINING PROGRAM (WITH CERTIFICATION AS INSTALLER QUALIFICATION), OR OTHER PROGRAM ACCEPTABLE TO THE DEPARTMENT OF BUILDING INSPECTION. (CALGREEN 702.1)

COVERING DUCT OPENINGS AND PROTECTING MECHANICAL EQUIPMENT DURING CONSTRUCTION: DUCT OPENINGS AND OTHER AIR DISTRIBUTION COMPONENT OPENINGS SHALL COVERED DURING ALL PHASES OF CONSTRUCTION WITH TAPE, PLASTIC, SHEETMETAL, OR OTHER ACCEPTABLE METHODS TO REDUCE THE AMOUNT OF WATER, DUST, AND DEBRIS ENTERING THE SYSTEM.

BATHROOM EXHAUST FANS: MUST BE ENERGY STAR COMPLIANT, DUCTED TO TERMINATE OUTSIDE THE BUILDING, AND CONTROLLED BY HUMIDISTAT CAPABLE OF ADJUSTMENT BETWEEN RELATIVE HUMIDITY OF LESS THAN 50% TO MAXIMUM OF 80%. HUMIDITY CONTROL MAY BE A SEPARATE COMPONENT FROM THE EXHAUST

CARPET: ALL CARPET MUST MEET ONE OF THE FOLLOWING: (CALGREEN 4.504.3)

 CARPET AND RUG INSTITUTE GREEN LABEL PLUS PROGRAM,
 CALIFORNIA DEPARTMENT OF PUBLIC HEALTH STANDARD PRACTICE FOR THE TESTING OF VOCS (SPECIFICATION 01350),

3. NSF/ANSI 140 AT THE GOLD LEVEL, 4. SCIENTIFIC CERTIFICATIONS SYSTEMS SUSTAINABLE CHOICE, OR

5. CALIFORNIA COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS EQ 2.2 AND LISTED IN THE CHPS HIGH PERFORMANCE PRODUCT DATABASE

AND CARPET CUSHION MUST MEET CARPET AND RUG INSTITUTE GREEN LABEL AND INDOOR CARPET ADHESIVE & CARPET PAD ADHESIVE MUST NOT EXCEED 50 G/L

RESILIENT FLOORING SYSTEMS: FOR 80% OF FLOOR AREA RECEIVING RESILIENT FLOORING, INSTALL RESILIENT FLOORING COMPLYING WITH:

1. CERTIFIED UNDER THE RESILIENT FLOOR COVERING INSTITUTE (RFCI)

FLOORSCORE PROGRAM

2. COMPLIANT WITH THE VOC-EMISSION LIMITS AND TESTING REQUIREMENTS OF CALIFORNIA DEPARTMENT OF PUBLIC HEALTH 2010 STANDARD METHOD FOR THE TESTING AND EVALUATION CHAMBERS V.1.1,

3. COMPLIANT WITH THE COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS (CHPS) EQ2.2 AND LISTED IN THE CHPS HIGH PERFORMANCE PRODUCT DATABASE, OR 4. CERTIFIED UNDER THE GREENGUARD CHILDREN & SCHOOLS PROGRAM TO COMPLY WITH CALIFORNIA DEPARTMENT OF PUBLIC HEALTH

COMPOSITE WOOD PRODUCTS: HARDWOOD PLYWOOD, PARTICLEBOARD, AND MEDIUM DENSITY FIBERBOARD COMPOSITE WOOD PRODUCTS USED ON INTERIOR OR EXTERIOR SHALL MEET CARB AIR TOXICS CONTROL MEASURE FOR COMPOSITE WOOD. SEE CALGREEN TABLE 4.504.5.

INTERIOR PAINTS, COATINGS LOW-VOC AEROSOL PAINTS, COATING ARE COMPLY WITH CALIFORNIA GREEN BUILDING CODE

LOW VOC CAULKS, CONSTRUCTION ADHESIVES, AND SEALANTS ARE COMPLY WITH CALIFORNIA GREEN BUILDING CODE.

PROJECT DATA

REAR SET BACK:

ZHI HUI YANG 786 HUMBOLDT ROAD. BRISBANE, CA 94005 OWNER ADDRESS:

007.432.370 & 007.432.380 ZONING DISTRICT OCCUPANCY : CONSTRUCTION TYPE: TYPE V NON-RATED SPRINKLERED: YES, NFPA 13 (UNDER SEPARATE PERMIT) 4,265 SQ. FT. LOT AREA: HEIGHT LIMIT: LOT SLOPE: MAX. LOT COVERAGE: 40% (1706 S.F. / 4265 S.F. (P) LOT COVERAGE: (1,693 S.F. / 4,265 S.F.) (3070.8 S.F. / 4.265 S.F.) 39.6% 72% (2,979 S.F./4,265 S.F.) GARAGE PARKING: OFF STREET PARKING: 10'-0" FRONT SET BACK

SCOPE OF WORK: ERECT THREE STORY BUILDING OVER GARAGE

5'-0"

10'-0"

1ST FLOOR: LIVING ROOM, DINING ROOM, KITCHEN, ONE POWDER ROOM 2ND FLOOR: ONE MASTER BEDROOM, TWO BEDROOMS, THREE BATHROOM, AND TWO

3RD FLOOR: MASTER BEDROOM, W.I.C., AND MASTER BATHROOM

FLOOR AREA:	PROPOSED (INCLUDE EXTERIOR WALL)
GARAGE	469 S.F.
1ST FLOOR	991 S.F
2ND FLOOR	1,024 S.F
3RD FLOOR	495 S.F
TOTALS	2,979 S.F_

GOVERNING CODES 2016 CALIFORNIA BUILDING CODE 2016 CALIFORNIA MECHANICAL CODE 2016 CALIFORNIA PLUMBING CODE 2016 CALIFORNIA ELECTRICAL CODE 2016 CALIFORNIA FIRE CODE 2016 CALIFORNIA RESIDENTIAL CODE 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE 2016 CALIFORNIA ENERGY CODE

WATER CONSERVATION REQUIREMENT

1. WATER CLOSET WITH A FLOW RATE IN EXCESS OF 1.6 GPF WILL NEED
TO BE REPLACED WITH WATER CLOSETS WITH A MAXIMUM FLOW RATE OF

2. SHOWER HEADS WITH A FLOW RATE GREATER THAN 2.5 GPM WILL NEED TO BE REPLACED WITH A MAXIMUM 2.0 GPM SHOWER HEAD.

3. LAVATORY AND KITCHEN FAUCETS WITH A FLOW RATE GREATER THAN 2.2 GPM WILL NEED TO BE REPLACED WITH A FAUCET WITH MAXIMUM FLOW RATE OF 1.5 GPM (OR 1.8 GPM FOR KITCHEN FAUCETS).

WALLS ENCLOSING CONDITIONED SPACE R-VALUES ON THE PLAN VIEW SHALL MATCH THE R-VALUES ON CF-1R

VALUES SHALL BE: (FOR PRESCRIPTIVE PACKAGE D, CF-1R FORMS)

R-13 IN 2x4 STUDS R-19 IN 2x6 STUDS

R-22 IN 2x8 STUDS

R-30 IN 2x10 STUDS R-38 IN 2x12 STUDS

OR SPECIFY THE R-VALUE ON THE COMPUTER GENERATED CF-1R FORM (PERFORMANCE METHOD) (CNC STD 151 (f) 1 & TABLES 151-B, C OR D AND REFERENCE APPENDICES TABLE 4.3.1).

CEILINGS BETWEEN GARAGE AND ROOMS ABOVE, AND AT FLOORS WITH CRAWL SPACES

CRAWL SPACES

R-VALUES ON THE PLAN VIEW SHALL MATCH THE R-VALUES ON CF-1R

VALUES SHALL BE: (FOR PRESCRIPTIVE PACKAGE D, CF-1R FORMS)

R-13 IN 2x4 JOISTS

R-19 IN 2x6 JOISTS R-22 IN 2x8 JOISTS

R-38 IN 2x12 JOISTS

OR SPECIFY THE R-VALUE ON THE COMPUTER GENERATED CF-1R FORM (PERFORMANCE METHOD) (CNC STD 151 (f) 1 & TABLES 151-B, C OR D AND REFERENCE APPENDICES TABLE 4.3.1).



PROJECT DATA, DRAWING INDEX, DRAWING ABBREVIATIONS, SYMBOLS AND GENERAL NOTES

ARCHITECTURAL

(E) SITE PLANS & PHOTOGRAPHS A1.1 (N) SITE PLAN FLOOR PLANS A2.1 A2.2 ROOF PLAN DETAILS A3.0 A3.1 A3.2 DETAILS DETAILS

ELEVATIONS A4.1 ELEVATIONS **ELEVATIONS** A4.2 A4.3 RENDERINGS

SECTIONS A5.1 A6.0 SECTIONS

WINDOW & DOOR SCHEDULE A7.0 A7.1

FLETRICAL PLANS A8.0 GAS & PLUMBING DIAGRAMS A8.1 GAS & PLUMBING DIAGRAMS

L1.0 L1.1 LANDSCAPE PLAN IRRIGATION PLAN

GENERAL INFORMATION C-002 GENERAL SPECIFICATIONS SITE PLAN GRADING & DRAINAGE

C-102 C-102 C-103 C-104 C-105 EROSION & SEDIMENT CONTROL EROSION & SEDIMENT CONTROL **EROSION & SEDIMENT CONTROL** C-106 S.M.C. BMP SHEET

ROADWAY WIDENING ARCHITECTURAL TOPOGRAPHIC SURVEY (FOR REFERENCE ONLY)



PROJECT ADDRESS:

APN: 007.432.370

786 HUMBOLDT ROAD

PROJECT DESCRIPTION:

FRECT NEW THREE-STORY

DESIGN · TIEN CHU PREPARED ENGINEERED BY BY : TINGRU YANG : JEFF CHOW REVIEWED PHONE # BY JEFF CHOW 650.741.6968

NOTES BY

SCALE AS NOTED JOB

SHEET





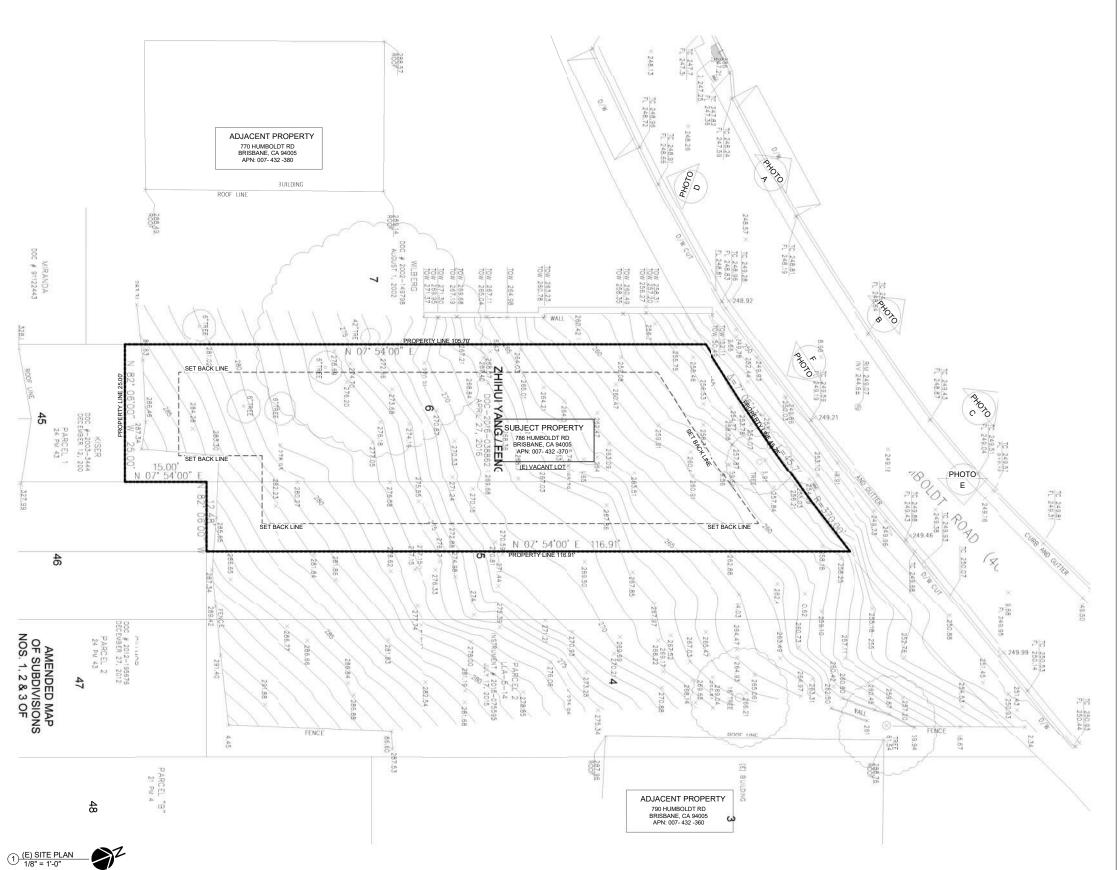








РНОТО F





APPLICANT:

ZHI HUI YANG

786 HUMBOLDT ROAD BRISBANE, CA 94005

415.218.8942

SHEET TITLE:

(E) SITE PLAN

PROJECT ADDRESS:

786 HUMBOLDT ROAD BRISBANE, CA 94005

APN: 007.432.370

PROJECT DESCRIPTION:

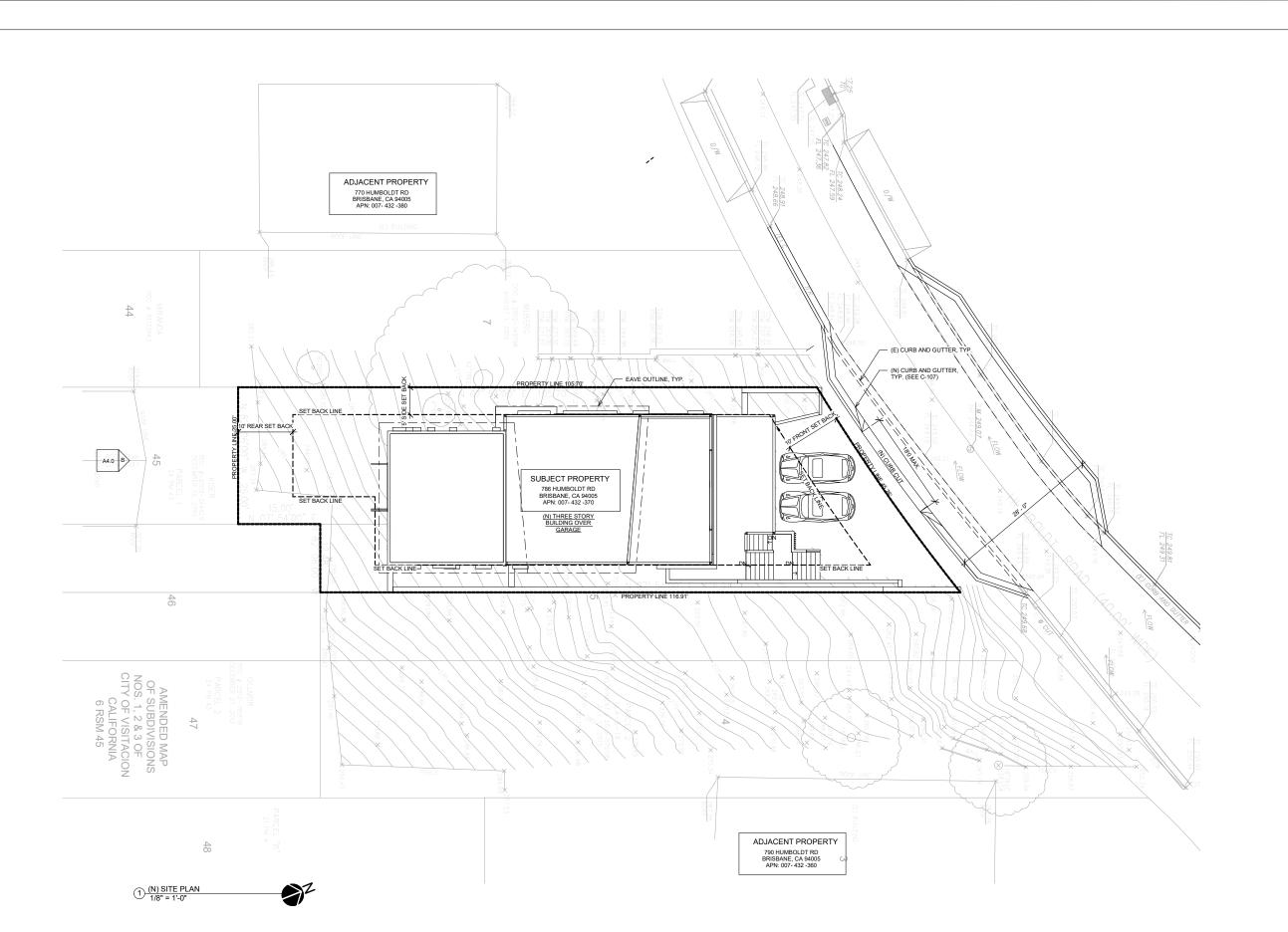
ERECT NEW THREE-STORY RESIDENTIAL BUILDING

: TIEN CHU : TINGRU YANG : JEFF CHOW : JEFF CHOW : 650.741.6968 DESIGN PREPARED ENGINEERED BY BY BY BY REVIEWED PHONE #

OTES	BY

SCALE	AS NOTED
JOB	160501
CHEET	

A1.0





Consulting ENGINEER

APPLICANT:

ZHI HUI YANG

786 HUMBOLDT ROAD BRISBANE, CA 94005

415.218.8942

SHEET TITLE:

(N) SITE PLAN

PROJECT ADDRESS:

786 HUMBOLDT ROAD BRISBANE, CA 94005

APN: 007.432.370

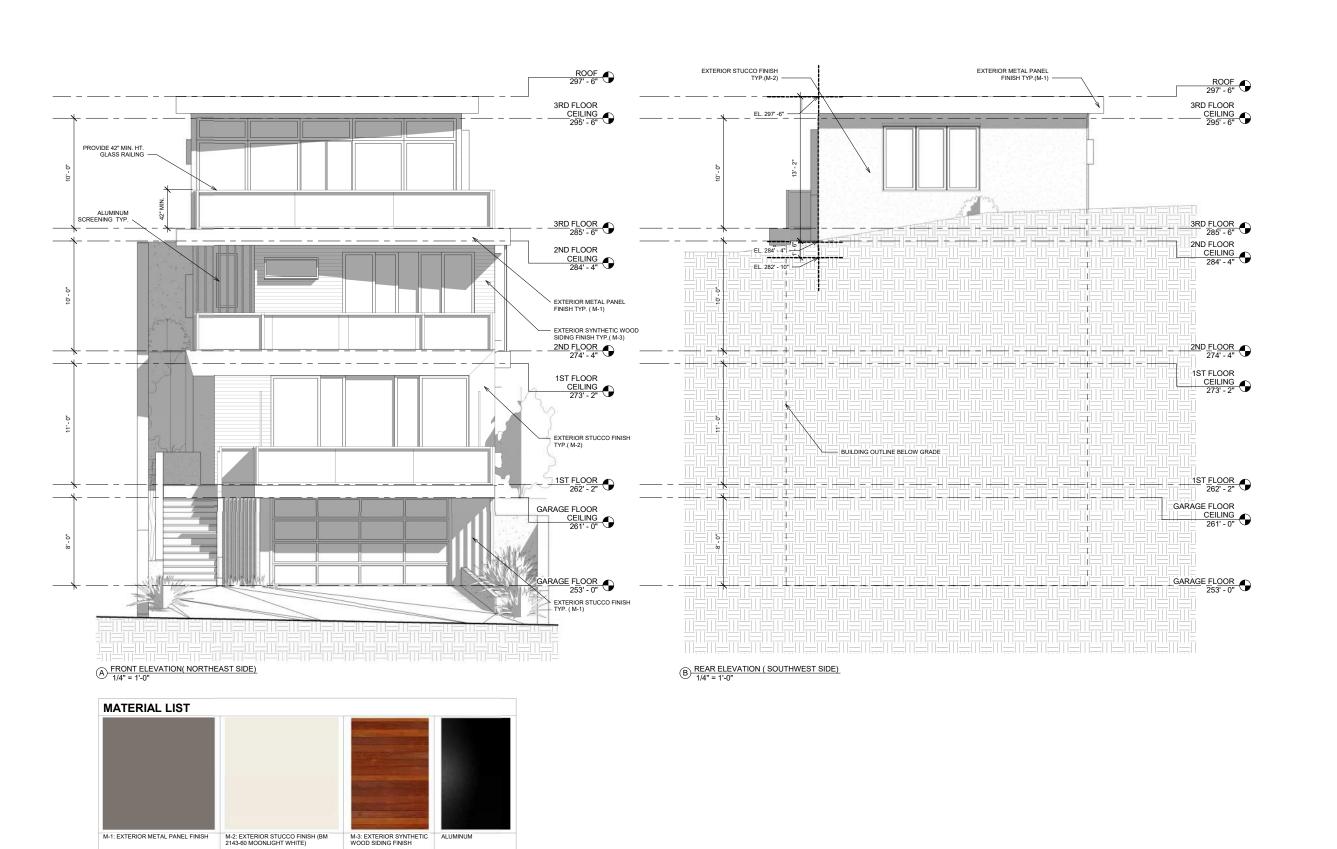
PROJECT DESCRIPTION:

ERECT NEW THREE-STORY RESIDENTIAL BUILDING

: TIEN CHU : TINGRU YANG : JEFF CHOW : JEFF CHOW : 650.741.6968 DESIGN PREPARED ENGINEERED REVIEWED PHONE # BY BY BY BY

NOTES BY

SCALE AS NOTED JOB SHEET





Consulting Engineer

APPLICANT:

ZHI HUI YANG

786 HUMBOLDT ROAD BRISBANE, CA 94005

415.218.8942

SHEET TITLE:

ELEVATIONS

PROJECT ADDRESS:

786 HUMBOLDT ROAD BRISBANE, CA 94005

APN: 007.432.370

PROJECT DESCRIPTION:

ERECT NEW THREE-STORY RESIDENTIAL BUILDING

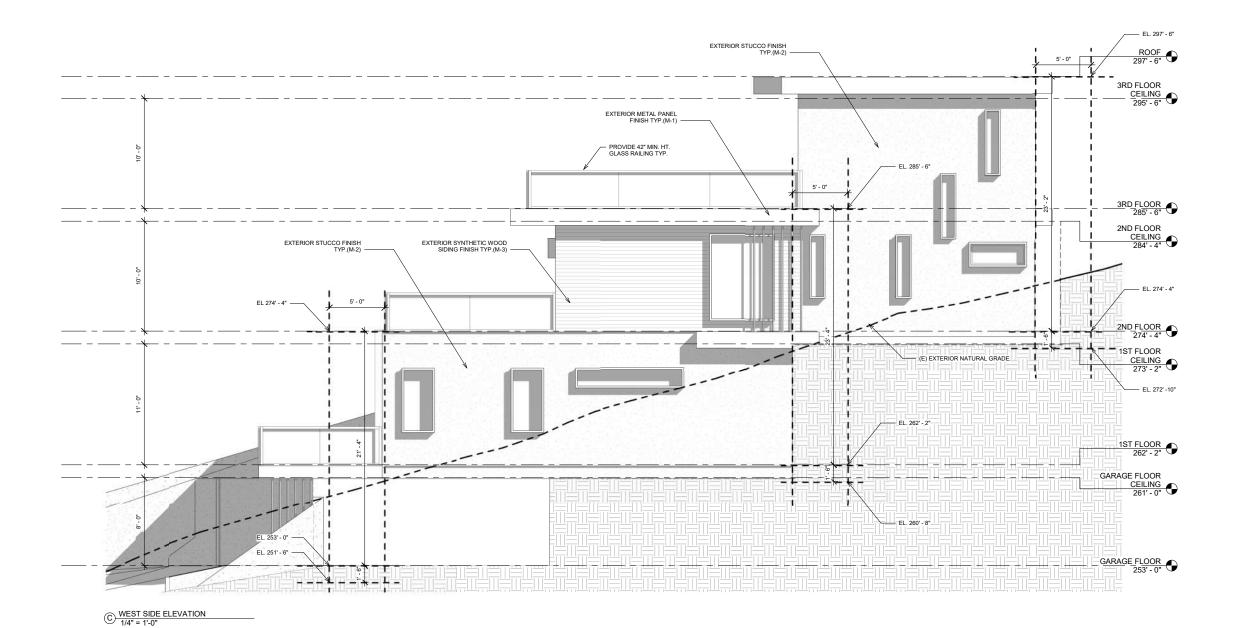
DESIGN BY : TIEN CHU
PREPARED BY : TINGRU YANG
ENGINEERED BY : JEFF CHOW
REVIEWED BY : JEFF CHOW
PHONE # : 650.741.6968

NOTES BY

SCALE AS NOTED

JOB 160501

A4.0







Consulting ENGINEER

APPLICANT:

ZHI HUI YANG

786 HUMBOLDT ROAD BRISBANE, CA 94005

415.218.8942

SHEET TITLE:

ELEVATION

PROJECT ADDRESS:

786 HUMBOLDT ROAD BRISBANE, CA 94005

APN: 007.432.370

PROJECT DESCRIPTION:

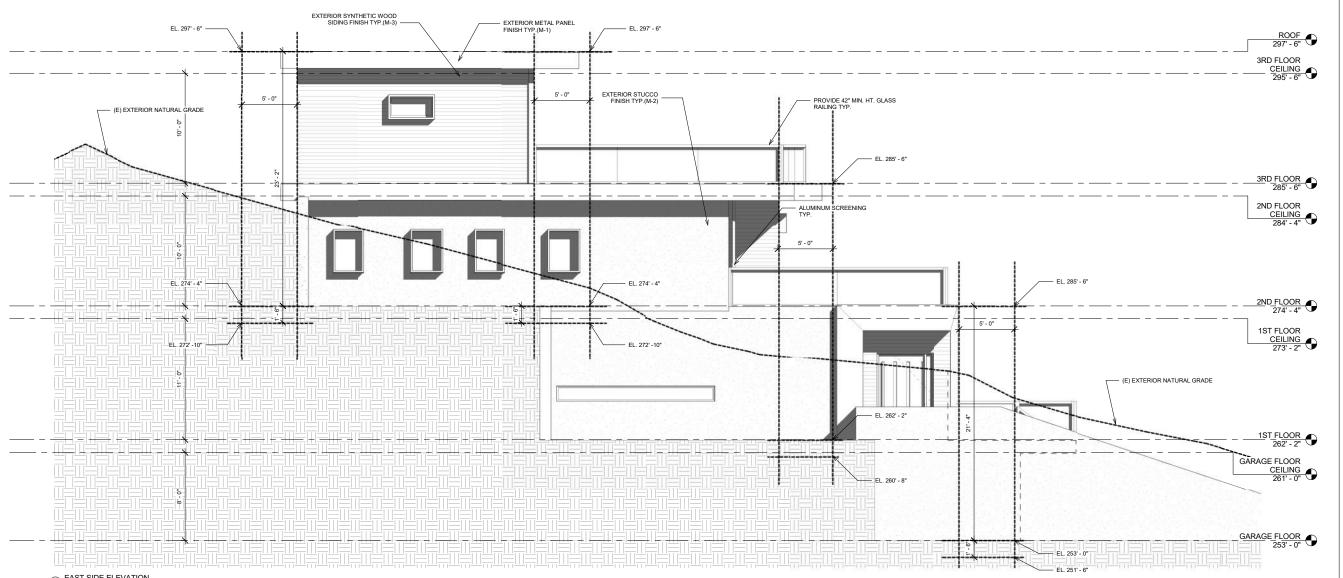
ERECT NEW THREE-STORY RESIDENTIAL BUILDING

: TIEN CHU : TINGRU YANG : JEFF CHOW : JEFF CHOW : 650.741.6968 DESIGN PREPARED ENGINEERED REVIEWED PHONE #

BY

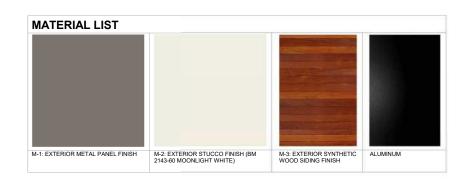
SCALE AS NOTED JOB SHEET

A4.1



D EAST SIDE ELEVATION

1/4" = 1'-0"





APPLICANT:

ZHI HUI YANG

786 HUMBOLDT ROAD BRISBANE, CA 94005

415.218.8942

SHEET TITLE:

ELEVATION

PROJECT ADDRESS:

786 HUMBOLDT ROAD BRISBANE, CA 94005

APN: 007.432.370

PROJECT DESCRIPTION:

ERECT NEW THREE-STORY RESIDENTIAL BUILDING

DESIGN BY : TIEN CHU
PREPARED BY : TINGRU YANG
ENGINEERED BY : JEFF CHOW
REVIEWED BY : JEFF CHOW
PHONE # : 650.741.6968

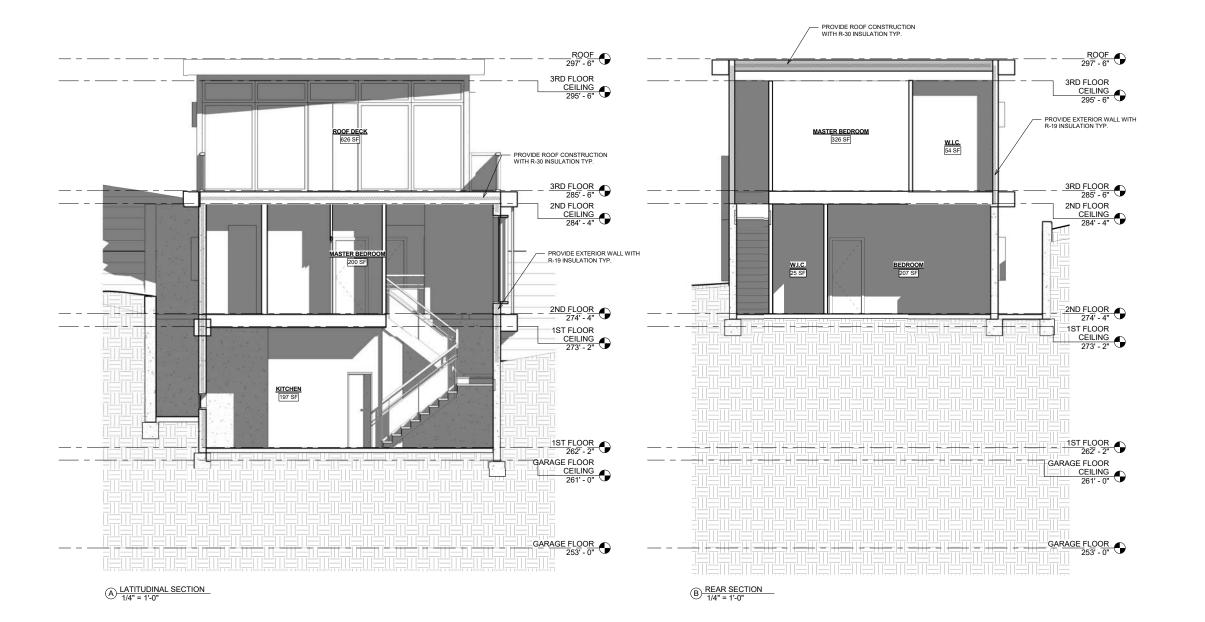
OTES BY

SCALE AS NOTED

JOB 160501

SHEE

A4.2





ENGINEER APPLICANT:

ZHI HUI YANG

786 HUMBOLDT ROAD BRISBANE, CA 94005

415.218.8942

SHEET TITLE:

SECTIONS

PROJECT ADDRESS:

786 HUMBOLDT ROAD BRISBANE, CA 94005

APN: 007.432.370

PROJECT DESCRIPTION:

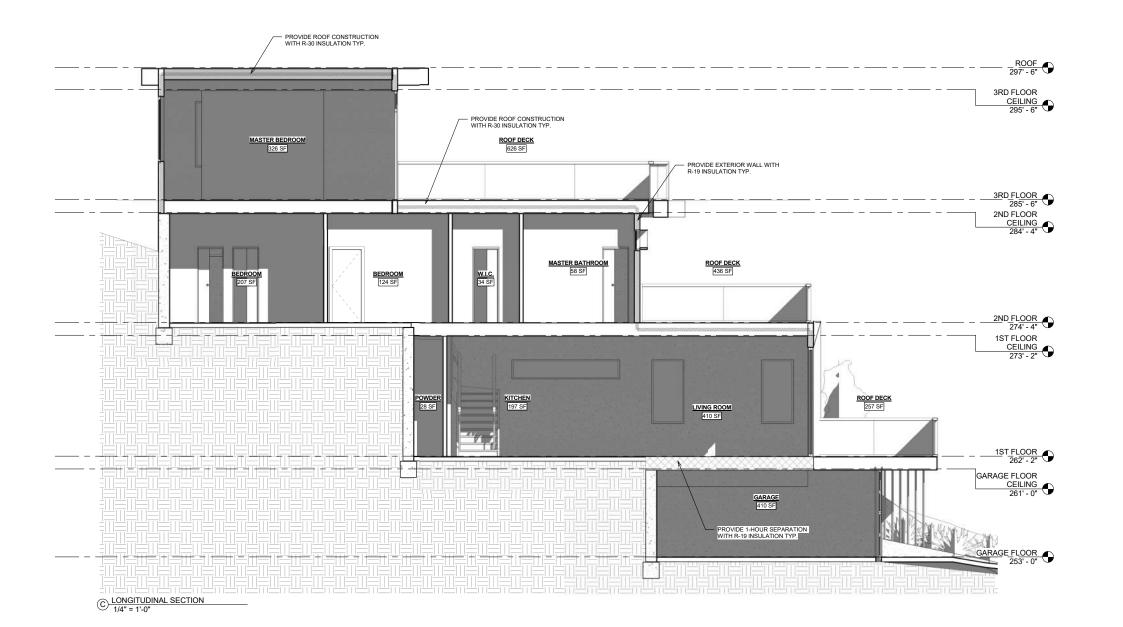
ERECT NEW THREE-STORY RESIDENTIAL BUILDING

: TIEN CHU : TINGRU YANG : JEFF CHOW : JEFF CHOW : 650.741.6968 DESIGN PREPARED ENGINEERED REVIEWED PHONE #

NOTES BY

SCALE AS NOTED JOB

A5.0





APPLICANT:

ZHI HUI YANG

786 HUMBOLDT ROAD BRISBANE, CA 94005

ENGINEER

415.218.8942

SHEET TITLE:

SECTIONS

PROJECT ADDRESS:

786 HUMBOLDT ROAD BRISBANE, CA 94005

APN: 007.432.370

PROJECT DESCRIPTION:

ERECT NEW THREE-STORY RESIDENTIAL BUILDING

: TIEN CHU : TINGRU YANG : JEFF CHOW : JEFF CHOW : 650.741.6968 DESIGN PREPARED ENGINEERED REVIEWED PHONE #

NOTES BY

SCALE AS NOTED JOB

A5.1

DEVELOPED LOT (E) RW (E) CURB & GUTTER, TYP. PL N 07°54'00' E 15.00' Λ

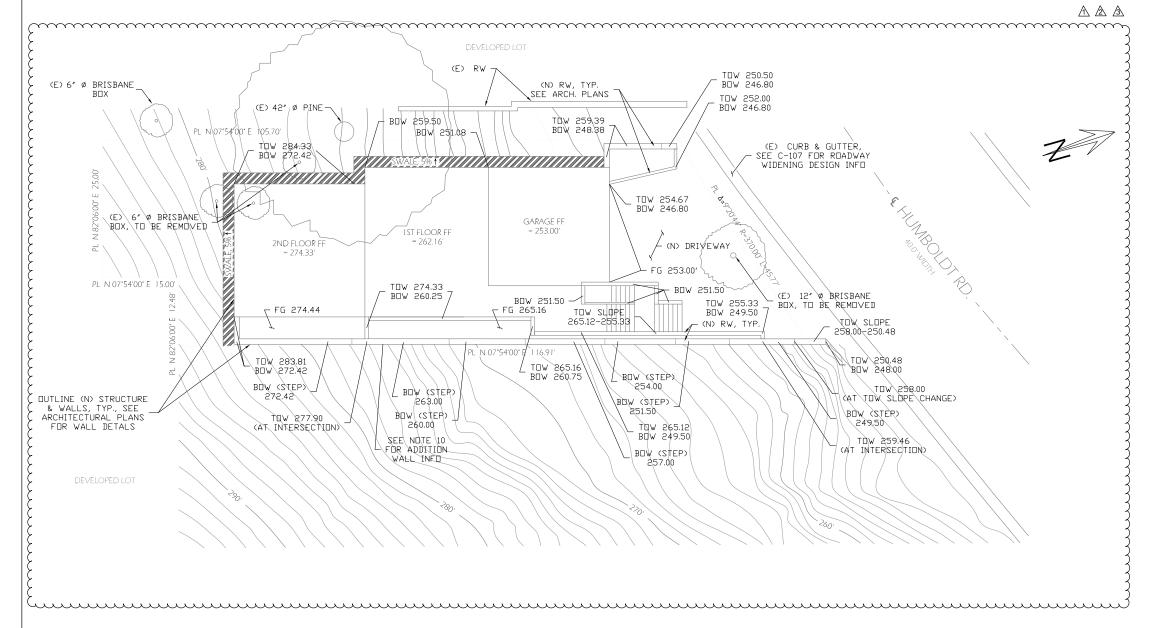
NOTES:

1. ALL DIMENSIONS TO BE V.I.F. BY CONTRACTOR.
2. SEE SHEET C-102 FOR PROPOSED RESIDENTIAL STRUCTURE AND WALL LOCATIONS.

DEVELOPED LOT



DESIGNER	PROJECT	SHEET TITLE	REV.	DATE REVISION DESCRIPTION	DATE	SCALE 1/8" = 1'
BERNS INFRASTRUCTURE, PL	_C 786 HUMBOLDT ROAD		1	5-8-17 REVISED PER CITY REVIEW COMMENTS	5/29/17	SHEET NO.
WEST COAST OFFICE:		CITE DI ANI	2	5-29-17 REVISED PER UPDATED ARCH. PLANS	, ,	
3630 CABRILLO STREET,	CLIENT	- SITE PLAN			REV.	\Box $(-1)1$
SAN FRANCISCO, CA 94121	786 HUMBOLDT ROAD				2	
WWW.BERNSINFRASTRUCTURE.COM	BRISBANE, CA 94005					



WWW.BERNSINFRASTRUCTURE.COM

BRISBANE, CA 94005

NOTES:

A \

<u> 3</u>

- 1. ALL DIMENSIONS TO BE V.I.F. BY CONTRACTOR. 2. SEE ARCHITECTURAL PLANS FOR DESIGN ELEMENTS
- NOT ADDRESSED IN THESE PLANS. 3. DRAINAGE SWALES TO HAVE 5% GRADE AND DRAIN AWAY FROM (N) STRUCTURE.
- (E) CONTOURS IN LIGHTER GRAY. (N) CONTOURS IN DARKER GRAY.
- DARKEN GRAT.

 ANY GRADING AND COMPACTION RECOMMENDATIONS
 SPECIFIED BY THE GEOTECHNICAL ENGINEER FOR
 THIS PROJECT SHALL BE STRICTLY ADHERED TO.
 RETAINING WALL DESIGN, INCLUDING WALL
 DRAINAGE, AND SLAB DESIGN ARE BY OTHERS.
 WALL DRAINAGE RECOMMENDATIONS ARE PROVIDED
 DN SUFET COOR

ON SHEET C-002 OF VERTEICATION OF STREET WIDENING AND/OR CITY VERIFICATION OF STREET WIDENING AND/OR CI IMPROVEMENTS TO BE PERFORMED WITH CITY ENGINEER PRIOR TO PLAN SUBMITTAL. VERIFICATION OF (E) TREE TYPES TO BE VERIFIED BY CONTRACTOR PRIOR TO STARTING

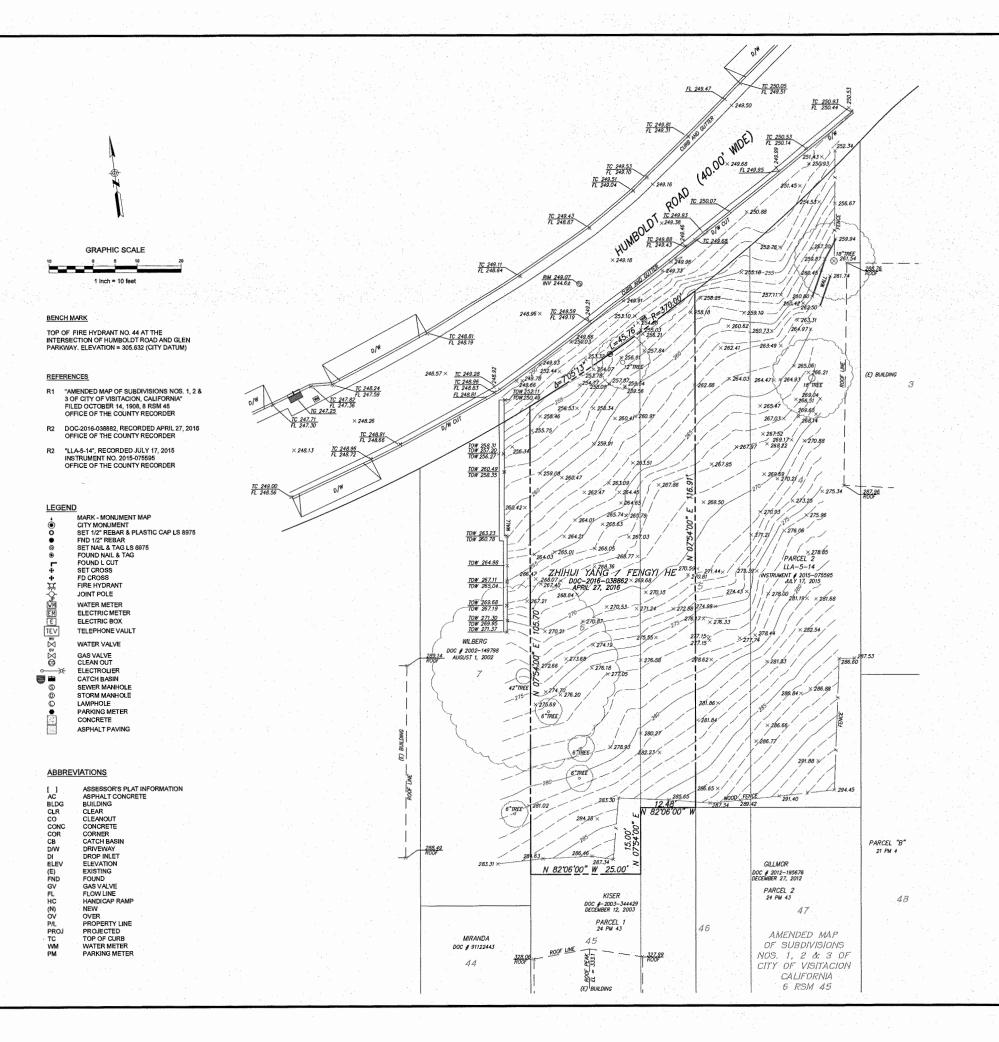
- CONSTRUCTION.
- SEE ARCHITECTURAL PLANS FOR RETAINING WALL, FOUNDATION, AND SLAB DETAILS.

 10. EASTERNMOST RETAINING WALL (ALONG EAST PL)
- TO HAVE SEVEN STEPPED FOOTINGS WITH BOW ELEVATIONS AS SHOWN AT RIGHT, TOW TO BE SLOPED, UPPER RUN TO SLOPE FROM 283.81 TO 258.00 AND LOWER RUN TO SLOPE FROM 258.00 TO 250.48, AS CALLED OUT AT RIGHT, DISTANCE FROM 258.00 TO 250.48, AS CALLED OUT AT RIGHT, DISTANCE FROM 258.00 TO 250.48, AS CALLED OUT AT RIGHT, DISTANCE FROM 258.00 TO 250.48, AS CALLED OUT AT RIGHT, DISTANCE FROM 258.00 TO 250.48, AS CALLED OUT AT RIGHT, DISTANCE FROM 258.00 TO 250.48, AS CALLED OUT AT RIGHT, DISTANCE FROM 258.00 TO 250.48, AS CALLED OUT AT RIGHT, DISTANCE FROM 258.00 TO 250.48, AS CALLED OUT AT RIGHT, DISTANCE FROM 258.00 TO 250.48, AS CALLED OUT AT RIGHT, DISTANCE FROM 258.00 TO 250.48, AS CALLED OUT AT RIGHT. TOP OF WALL TO ADJACENT GRADE (ON EAST SIDE) TO VARY FROM APPROXIMATELY 0.50'-2.00'. SEE ARCHITECTURAL PLANS FOR RENDERING.

TOTAL IMPERVIOUS AREA: 2,365 SF (SEE DRAINAGE REPORT CALCULATIONS)

EARTHWORK QUANTITY	SUMMARY (CY)
TOTAL CUT	910
TOTAL FILL	5
TOTAL IMPORT	0
TOTAL EXPORT	905
TOTAL GRADING	88 SQ. YDS
	A
	713

L								
	DESIGNER	PROJECT	SHEET TITLE	REV.	DATE	REVISION DESCRIPTION	DATE	SCALE 1/8" = 1'
	BERNS INFRASTRUCTURE, PLC	786 HUMBOLDT ROAD		1	5-8-17	REVISED PER CITY REVIEW COMMENTS	7/6/17	SHEET NO.
	WEST COAST OFFICE:		CDADING C DDAINIAGE	2	5-29-17	REVISED PER UPDATED ARCH. PLANS		
	3630 CABRILLO STREET,	CLIENT	GRADING & DRAINAGE	3	7-6-17	ADJUSTED FOR ROADWAY WIDENING	REV.	<i>C</i> -102
	SAN FRANCISCO, CA 94121	786 HUMBOLDT ROAD					3	



NOTE TO ANYONE HAVE ANY INTEREST IN THIS MAP, PLEASE BE ADVISED OF THE FOLLOWING:

THAT ALL TITLE INFORMATION HEREON (INCLUDING EASEMENTS IF ANY)
WAS PREPARED SOLELY FOR AND IN STRICT CONFORMANCE WITH OUR
CLIENTS AND/OR HIS AGENTS REQUIREMENTS. THE FOLLOWING
INFORMATION WAS SUPPLIED TO TRANSAMERICAN ENGINEERS; a DEED
a TITLE REPORT a A.P. a pADDRESS OF THE PLQ.

FURTHERMORE, WE HEREBY DISCLAIM ANY AND ALL TITLE SEARCH RESPONSIBILTIES AS BEING BEYOND OUR CONTRACT AND COMMITMENT TO OUR CLIENT.

- 2. THAT THIS MAP WAS PREPARED AS A PROFESSIONAL INSTRUMENT OR SERVICE AND THAT IT REMAINS THE PROPERTY OF TRANSAMERICAN ENGINEERS WHETHER THE PROJECT (IF ANY PROPOSED) ON THIS SITE IS CONSTRUCTED OR NOT.
- THAT ANY INFORMATION ON THIS MAP AND ANY DOCUMENT(S)
 PREPARED BY TRANSAMERICAN ENGINEERS IN RELATION HEREOF SHALL NOT BE USED FOR ANY OTHER PURPOSE THAN FOR: BUILDING PERMITS.

FURTHERMORE, THE USE OF THIS MAP FOR ANY OTHER PURPOSES WHATSOEVER INCLUDING ENGINEERING DESIGNS OF OFFSITE OR ONSITE IMPROVEMENTS IS BEYOND THIS MAP'S PURPOSE, INTENT & CONTRACT. TRANSAMERICAN ENGINEERS DISAVOWS ANY AND ALL RESPONSIBILITIES, LIABILITIES WHICH SHALL REST UPON THE PARTY USING OUR INFORMATION BEYOND THE ESTABLISHED LIMITATION ABOVE.

- 4. THAT ANY IMPROVEMENT CHANGES WITHIN THIS SITE OR THE ADJACENT SITES THEREOF AS WELL AS TITLE TRANSFERS OF THE PROPERTY IN QUESTION (EXCEPT FOR ALTA MAPS) AND/OR THE LAPSE OF 3 OR MORE YEARS FROM THE DATE OF THIS MAP (WHICHEVER COMES FIRST) SHALL VOID ALL INFORMATION HEREON UNLESS A RE-SURVEY IS ORDERED TO RECTIFY, UPDATE OR RE-CERTIFY THIS MAD.
- 5. THAT THIS INFORMATION SHALL NOT BE USED FOR ANY IMPROVEMENT STAKING UNLESS STATED IN ITEM NO. 3 ABOVE.
- 6. THAT THE USE OF THIS MAP BY OTHER CONSULTANTS OR CONTRACTORS ON BEHALF OF OUR CLIENT SHALL PROMPT THE IMMEDIATE FULFILLMENT OF ALL CLIENTS OBLIGATIONS TO TRANSAMERICAN ENGINEERS UNLESS OTHERWISE AGREED TO.
- THAT UNDERGROUND UTILITIES (IF ANY) SHOWN HEREON WERE OBTAINED FROM INFORMATION PROVIDED TO TRANSAMERICAN ENGINEERS BY UTILITIES COMPANIES. TRANSAMERICAN ENGINEERS DOES NOT ASSUME ANY RESPONSIBILITY FOR THEIR EXISTENCE OR ACCURACY.
- THAT SURFACE UTILITIES, MANHOLES, ETC. AS SHOWN HEREON WERE LOCATED BY FIELD SURVEY.
- IT SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNERS INVOLVED TO RESOLVE ALL ISSUES REGARDING PROPERTY DISPUTES WHICH MAY ARISE OUT OF INFORMATION SHOWN HEREON.

SPECIAL NOTES

- ELEVATIONS SHOWN AS "ROOF ELEV." HEREON ARE IN FACT THE ELEVATIONS OF THE HIGHEST POINT OF SIDE WALLS.
 THESE ELEVATIONS MAY BE ETHER THE ROOF OR THE PARAPET ELEVATION OF SUCH ROOF. FLAT ROOF LEVELS WERE NOT VISIBLE FROM SURVEY POINT.

 WERE NOT VISIBLE FROM SURVEY POINT.
- "PARAPET ELEV." SHOWN HEREON ARE THE HIGHEST POINT OF SUCH PARAPET.
- 3. "ROOF PEAK ELEV." AND "EAVES ELEV." (IF ANY SHOWN HEREON) ARE THE HIGHEST POINT OF ROOF PEAKS AND THE LOWEST POINTS OF ROOF EAVES RESPECTIVELY.
- DUE TO LIMITED ACCESS TO THE REAR OR THE ADJACENT AND/OR THE PARAPET SUBJECT BUILDING(S) AND/OR COVERED STRUCTURE(S) AT THE TIME OF THIS SURVEY, THE TOPOGRAPHIC DATA FOR THOSE BUILDING(S) AND/OR STRUCTURE(S) IS NOT SHOWN HEREON.
- 5. IT SHALL BE THE RESPONSIBILITY OF OUR CLIENT TO CALL OUR OFFICE IN ORDER TO HAVE OUR SURVEYORS LOCATE ADDITIONAL INFORMATION AND/OR STRUCTURE(§) ONCE THE SITE HAS BEEN CLEARED. WE REQUIRE AN ADVANCE NOTICE OF FOUR (4) DAYS MORE OR LESS.
- ALSO, NOTE THAT THERE WILL BE ADDITIONAL CHARGES FOR SUCH STAKING AS IT IS NOT A PART OF THE SCOPE OF THIS JOB'S CONTRACT.

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JUL 1 9 2017

Comm. Dev. Dept. Brisbana

6548

Sheet No.
1 OF 1

Date
10/12/16

Survey

KP 09/30/11

Design NVA —

BP 10/12/16 Scale AS SHOWN

LF

10/12/16



FOX PLAZA

San Francisco, CA 941
Phone No. (415) 553-407

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CHITECTURAL TOPOGRAPHIC SURVEY
NO ALL OF LOTS 5 & 6 IN BLOCK 44 OF AMENDED MAP OF SUBDIVISIONS
NOS. 1, 2 & 3 OF CITY OF VISITACION, CALIFORNIA
758 HUMBOLDT ROAD

ARC ARC BEING.