HAWAII CITY PLAZA

Honolulu, Hawaii

T.M.K. PARCELS (3) 2-3-014:002, 004 AND 011

Foundation Permit

Hawaii City Plaza LLC

1585 Kapiolani Boulevard

Honolulu, Hawaii 96814

A2017-08-0358

CONSTRUCTION OR INSTALLATION
APPROVED BY
Honolulu Fire Department
City and County of Honolulu
For: Manuel P. Neves
Fire Chief

11/21/17
Date
Plan Reviewer

Note: Approval applies to plans as submitted and for construction or installation indicated thereon. Any change or deviation shall be submitted for approval. Construction or Installation subject to final inspection and acceptance.

DEPARTMENT OF PLANNING AND PERMITTING
CITY AND COUNTY OF HONOLULU

		DATE
ACCEPTANCE:	App	10/5/17 (R)
ZONING:	BMX-3	
ZONING CODE:		
ELECTRICAL:		
PLUMBING:		
BUILDING:		
PROJECT	Hawaii City Plaza	
TMK 2-3-014-002 -004 -011	PERMIT 827437	

1/15/19 m

JOB SITE COPY

STOP
DO NOT ALTER
THESE PLANS
Revisions must be
submitted separately

PALEKANA PERMITS
THIRD PARTY CERTIFICATION
☐ Bldg. Code ☐ Elec. Code
☐ Mech. Code ☐ ZPRB (Land Use Ordinance)
☐ Structural (Non-Single/2-Family Dwellings)

APPROVED
DPP

AISE
ALLISON IDE
STRUCTURAL ENGINEERS LLC
900 Fort Street Mall Suite 1670
Honolulu, HI 96813-3717
808 536 2108
johnallison@allisonide.com

JOHN S. ALLISON
LICENSED PROFESSIONAL ENGINEER
No. 5933-S
HAWAII, U.S.A.

John S. Allison

Signature Expiration Date: 4/30/2018

This work was prepared by me or under my supervision. Construction of this project will be under my observation. Observation as defined in Section 16-115-2 of Hawaii Administrative Rules 9-12-02 Title 16, Chapter 115, Professional Engineers, Architects, Surveyors, and Landscape Architects.

DEVELOPER:
CALIFORNIA INVESTMENT REGIONAL CENTER, LLC

PROJECT OWNER:
HAWAII CITY PLAZA, LP

Hawaii City Plaza
Honolulu, Hawaii
710 Sheridan Street
TMK 2-3-014: Parcels 002, 004, & 011

SHEET TITLE
TITLE PAGE

SHEET NO.
G000

JOB SITE COPY

INDEX OF DRAWINGS

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PALEKANA PERMITS
THIRD PARTY CERTIFICATION
☐ Bldg. Code ☐ Elec. Code
☐ Mech. Code ☐ ZPRB (Land Use Ordinance)
☐ Structural (Non-Single/2-Family Dwellings)

APPROVED
DPP

FSC ARCHITECTS

ARCHITECT:
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

JAMES G. FREEMAN
LICENSED PROFESSIONAL ARCHITECT
No. 6593
HAWAII, U.S.A.

NOTE: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

DEVELOPER:
CALIFORNIA INVESTMENT REGIONAL CENTER, LLC

PROJECT OWNER:
HAWAII CITY PLAZA, LP

Hawaii City Plaza
Honolulu, Hawaii
710 Sheridan Street
TMK 2-3-014: Parcels 002, 004, & 011

PERMIT SET

DATE 2018 JULY 20

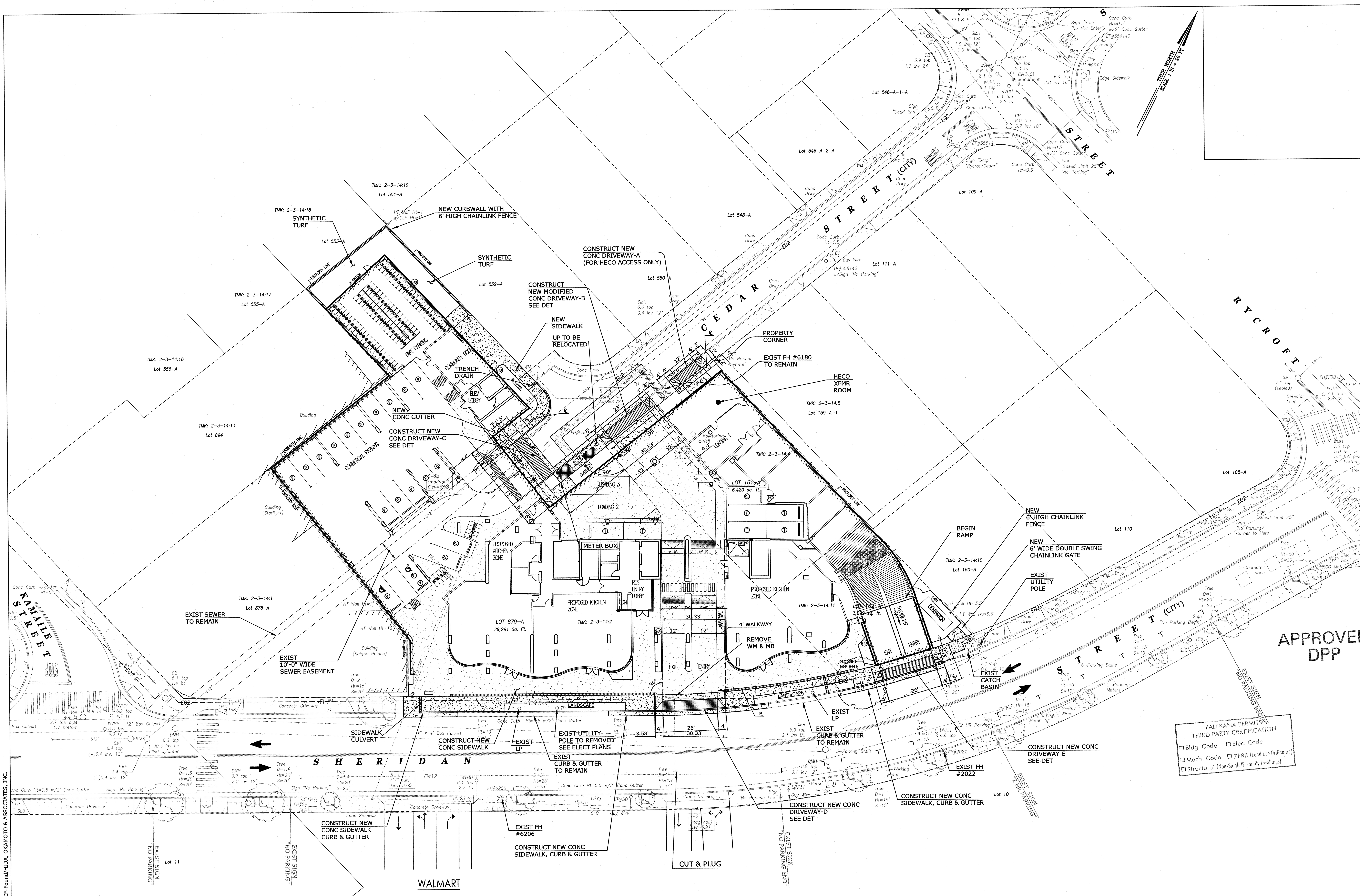
PROJECT # 15028-02

2 2018 11-29

SHEET TITLE
INDEX OF DRAWINGS

SHEET NO.
G.001

REVISED PRINT



SITE PLAN

SCALE: 1" = 20'

NOTE:

1. SITE PLAN PROVIDED FOR REFERENCE ONLY (CONSTRUCTION UNDER SEPARATE PERMIT)

FSC ARCHITECTS

ALAN T. OKAMOTO LICENSED PROFESSIONAL ENGINEER No. 5483-C HAWAII, U.S.A.

EXP DATE: 04/30/2020

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

DEVELOPER: CALIFORNIA INVESTMENT REGIONAL CENTER, LLC

PROJECT OWNER: HAWAII CITY PLAZA, LP

Hawaii City Plaza
Honolulu, Hawaii
710 Sheridan Street
TMK 2-3-014: Parcels 002, 004, & 011

PERMIT SET

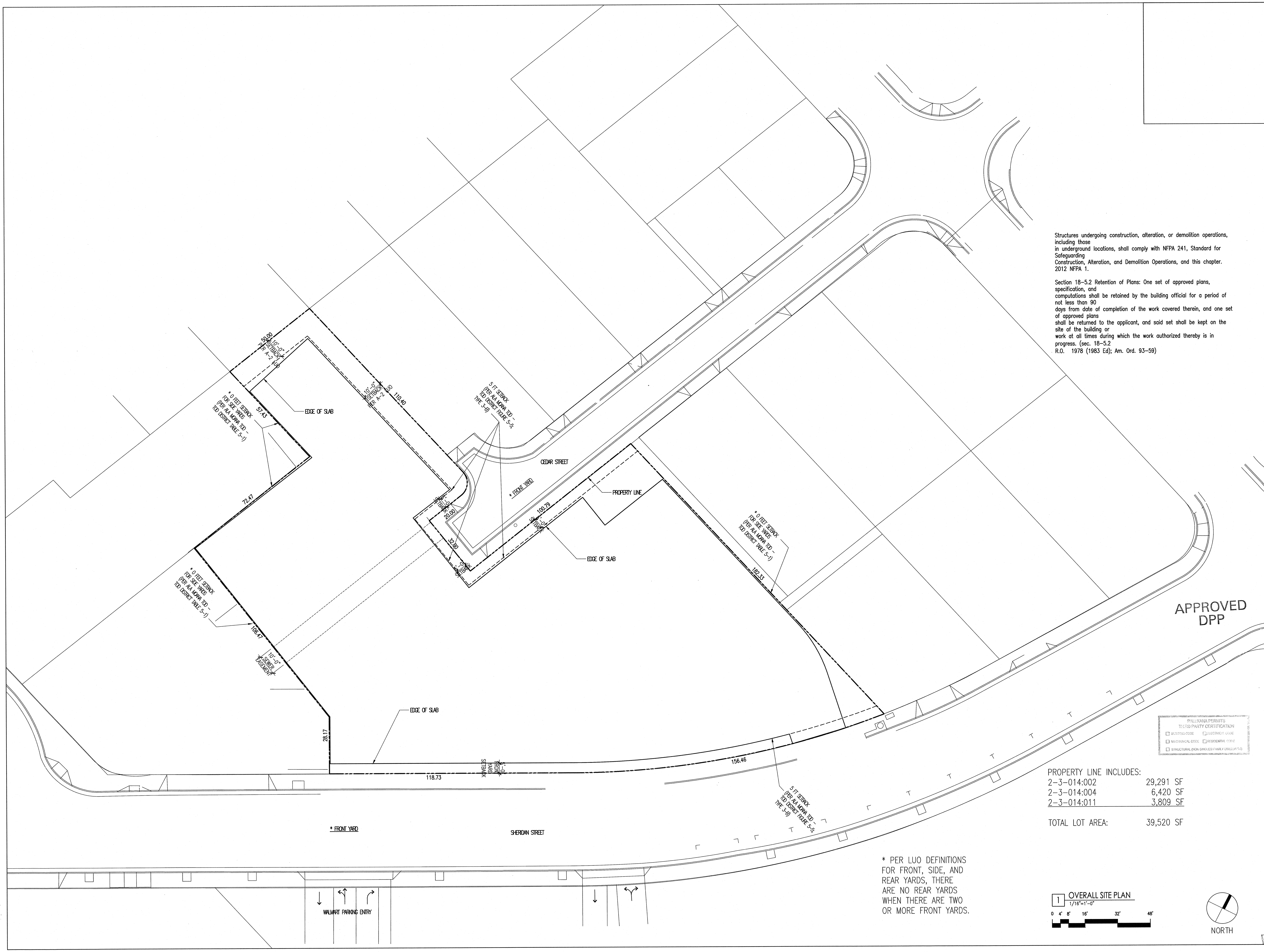
DATE SEPT 2018

PROJECT # 15028-02

SHEET TITLE
SITE PLAN

SHEET NO.
CF-101

2882 Hawaii City Plaza CF-Found/HIDA, OKAMOTO & ASSOCIATES, INC.



Structures undergoing construction, alteration, or demolition operations, including those
in underground locations, shall comply with NFPA 241, Standard for Safeguarding
Construction, Alteration, and Demolition Operations, and this chapter.
2012 NFPA 1.

Section 18-5.2 Retention of Plans: One set of approved plans, specification, and
computations shall be retained by the building official for a period of not less than 90
days from date of completion of the work covered therein, and one set of approved plans
shall be returned to the applicant, and said set shall be kept on the site of the building or
work at all times during which the work authorized thereby is in progress. (sec. 18-5.2
R.O. 1978 (1983 Ed); Am. Ord. 93-59)

PROPERTY LINE INCLUDES:

2-3-014:002	29,291 SF
2-3-014:004	6,420 SF
2-3-014:011	3,809 SF
TOTAL LOT AREA:	39,520 SF

* PER LUO DEFINITIONS FOR FRONT, SIDE, AND REAR YARDS, THERE ARE NO REAR YARDS WHEN THERE ARE TWO OR MORE FRONT YARDS.

PALEKANA PERMITS
THIRD PARTY CERTIFICATION
BUILDING CODE / ELECTRICAL CODE / MECHANICAL CODE / RESIDENTIAL CODE / STRUCTURAL (NON SINGLE FAMILY DWELLING)

FSC ARCHITECTS

ARCHITECT:
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

JAMES G. FREEMAN
LICENSED PROFESSIONAL ARCHITECT
No. 6693
HAWAII, U.S.A.
EXP. 4-30-2020

NOTE: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

DEVELOPER:
CALIFORNIA INVESTMENT REGIONAL CENTER, LLC

PROJECT OWNER:
HAWAII CITY PLAZA, LP

Hawaii City Plaza
Honolulu, Hawaii
710 Sheridan Street
TMK 2-3-014: Parcels 002, 004, & 011

PERMIT SET

DATE 2018 JULY 20

PROJECT # 15028-02

SHEET TITLE
OVERALL SITE PLAN

SHEET NO.
A0.100

REVISED PRINT

GENERAL

1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE DRAWINGS AND SPECIFICATIONS.
2. THE STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY MEASURES TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT TO BE LIMITED TO, BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, WIND, SEISMIC, ETC. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS.
3. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATIONS PROCEDURES, INCLUDING LAGGING, SHORING, AND PROTECTION OF ADJACENT PROPERTY STRUCTURES, STREETS AND UTILITIES IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL SAFETY ORDINANCES.
4. SEE ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF ALL FLOOR AND WALL OPENINGS, FLOOR FINISHES, SLOPES, DEPRESSIONS, ETC.
5. SEE MECHANICAL PLUMBING AND ELECTRICAL DRAWINGS FOR SIZE AND LOCATION OF ALL OPENINGS REQUIRED FOR DUCTS, PIPES AND ALL PIPE SLEEVES, ELECTRICAL CONDUITS AND OTHER ITMES TO BE EMBEDDED IN CONCRETE OR OTHERWISE INCORPORATED IN STRUCTURAL WORK. OPENINGS, POCKETS, ETC. LARGER THAN 6" SHALL NOT BE PLACED IN SLABS, DECKS, BEAMS, JOISTS, COLUMNS, WALLS, ETC. UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS. NOTIFY THE STRUCTURAL ENGINEER WHEN DRAWINGS BY OTHERS SHOW OPENINGS, POCKETS, ETC, LARGER THAN 6" NOT SHOWN ON THE STRUCTURAL DRAWINGS BUT WHICH ARE LOCATED IN STRUCTURAL MEMBERS.
6. CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED FLOORS OR ROOFS. LOAD SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT. PROVIDE ADEQUATE SHORING AND/OR BRACING WHERE STRUCTURE HAS NOT ATTAINED DESIGN STRENGTH.
7. SPECIAL NOTE: THE ARCHITECTURAL DRAWINGS ARE CONSIDERED A PART OF THE STRUCTURAL DESIGN AND ARE TO BE USED TO DEFINE DETAIL CONFIGURATIONS, SUCH AS THE RELATIVE LOCATION OF STRUCTURAL MEMBERS, ITS ELEVATIONS, HOLES & OPENINGS, ETC.
8. DESIGN CRITERIA
   - A. CODE
     1. IBC 2006, AS AMENDED BY THE CITY AND COUNTY OF HONOLULU.
   - B. DESIGN LIVE LOADS
     1. RESIDENTIAL UNITS ········· 40 PSF (REDUCIBLE)
     2. ROOF ········· 20 PSF (REDUCIBLE)
     3. EXIT CORRIDORS, STAIRS ········· 100 PSF (REDUCIBLE)
     4. PUBLIC AREAS ········· 100 PSF (REDUCIBLE)
     5. PARKING ········· 40 PSF (NON-REDUCIBLE)
     6. LIGHT STORAGE ········· 125 PSF (NON-REDUCIBLE)
     7. MECHANICAL ········· WT. OF EQUIPMENT
   - C. WIND-105 MPH, EXPOSURE "C", Kzt = 1.2, Kd = 0.75
   - D. SEISMIC IMPORTANCE FACTOR = 1.0; SEIMIC USE GROUP = I
     $S_S = 0.615g$ $S_1 = 0.179g$
     $S_{DS} = 0.536g$ $S_{D1} = 0.248g$
     SEISMIC DESIGN CATEGORY (SDC) = C
     R = 5; ORDINARY REINFORCED CONCRETE SHEAR WALLS
     $C_s = 0.107W$
     ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE
9. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION. PRODUCT SPECIFICATIONS WITH ICC OR ICBO REPORTS SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW WHEN REQUIRED.
10. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
11. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COORDINATING WORK OF ALL TRADES AND SHALL CHECK ALL DIMENSIONS. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER AND BE RESOLVED BEFORE PROCEEDING WITH THE WORK.

    DIMENSIONS AND ALL WORK SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IF ANY DISCREPANCIES DO OCCUR, THE CONTRACTOR SHALL BRING THIS TO THE IMMEDIATE ATTENTION OF THE ENGINEER FOR POSSIBLE MODIFICATION AND NECESSARY REDESIGN TO ACCOMMODATE FIELD CONDITIONS.
12. WHERE A CONSTRUCTION DETAIL IS NOT SHOWN OR NOTED, THE DETAIL SHALL BE THE SAME AS FOR OTHER SIMILAR WORK.
13. DETAILS LABELED AS "TYPICAL" AND NOTES AND DETAILS ON THE STRUCTURAL DRAWINGS INDICATE METHOD OF WORK; AND ARE INTENDED TO BE USED WHERE THEY APPLY. UNLESS THE CONDITION IS SPECIFICALLY DETAILED OR REFERENCED, USE TYPICAL DETAILS WHETHER OR NOT THEY ARE CROSS-REFERENCED ELSEWHERE.
14. DO NOT CUT OR DRILL THROUGH ANY POST TENSION TENDONS AND REBAR WHILE DRILLING FOR ANY POST-POUR INSTALLED FASTENERS OR ANCHORS IN POST TENSION SLABS AND BEAMS. DO NOT CORE THROUGH ANY POST TENSION TENDONS OR REBAR. CONTRACTOR SHALL LOCATE EXISTING POST TENSION TENDONS AND REBAR WITH PACHOMETER OR EQUIVALENT DEVICE PRIOR TO DRILLING OR CORING ANY CONCRETE ELEMENTS.

FOUNDATION

1. FOUNDATION DESIGN IS BASED ENTIRELY ON THE "GEOTECHNICAL ENGINEERING REPORT" : MFA PROJECT NO. 16689-001 DATED MAY 19, 2017 BY MASA FUJIOKA & ASSOCIATES AND ITS ADDENDUMS.
2. THE CONTRACTOR SHALL REVIEW THE GEOTECHNICAL REPORT AND SUBSEQUENT ADDENDUMS AND COMPLY WITH ALL OF THE REQUIREMENTS. THE GEOTECHNICAL REPORT IS A PART OF THIS PROJECT CONSTRUCTION DOCUMENTS.
3. CONTRACTOR SHALL PROVIDE FOR DE-WATERING OF EXCAVATIONS FROM EITHER SURFACE WATER, GROUND WATER, OR SEEPAGE.
4. CONTRACTOR SHALL PROVIDE FOR DESIGN AND INSTALLATION OF ALL CRIBBING, SHEATHING AND SHORING REQUIRED TO SAFELY RETAIN THE EARTH BANKS.
5. ALL PILES SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO CONSTRUCTING THE PILECAPS.
6. ALL EXCAVATIONS SHALL BE PROPERLY BACKFILLED. DO NOT PLACE BACKFILL BEHIND RETAINING WALLS BEFORE CONCRETE OR CMU HAS ATTAINED FULL DESIGN STRENGTH. CONTRACTOR SHALL BRACE OR PROTECT ALL BUILDING AND PIT WALLS BELOW GRADE FROM LATERAL LOADS UNTIL ATTACHING FLOORS ARE COMPLETELY IN PLACE AND HAVE ATTAINED FULL DESIGN STRENGTH.
7. DEWATERING OF THE SITE DURING CONSTRUCTION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. PRECAUTIONS SHALL BE TAKEN BY THE CONTRACTOR NOT TO UNDERMINE EXISTING FOUNDATIONS. METHOD OF DEWATERING AND CALCULATIONS FOR THE APPROPRIATE SYSTEM ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
8. PROVIDE WATERSTOPS IN ALL VERTICAL CONSTRUCTION JOINTS IN BASEMENT WALLS AND ELEVATOR PIT WALLS.
9. SLABS ON GROUND SHALL BE PLACED ON SELECT GRANULAR FILL COMPACTED TO 95 PERCENT MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D1557).

CONCRETE

1. ALL CONCRETE UNLESS OTHERWISE NOTED SHALL BE REGULAR WEIGHT HARD ROCK (150 PCF) AND SHALL CONFORM TO ASTM C-33. PORTLAND CEMENT SHALL CONFORM TO ASTM C-150 TYPE I OR II.
2. ALL PHASES OF WORK PERTAINING TO THE CONCRETE CONSTRUCTION SHALL CONFORM TO THE "BUILDING CODE REQUIEREMENTS FOR REINFORCED CONCRETE" (ACI 318-05) WITH MODIFICATIONS AS NOTED IN THE DRAWINGS OR SPECIFICATIONS.
3. STRUCTURAL CONCRETE 28-DAYS MINIMUM STRENGTH:
   - AUGER-CAST PILES AND PILECAPS ········· 5,000 PSI
   - GRADE BEAMS ········· 5,000 PSI
   - TIE BEAMS ········· 5,000 PSI
   - SLAB ON GRADE ········· 4,000 PSI
   - SUSPENDED CONC. SLAB & BEAMS ········· 5,700 PSI
   - COLUMNS ········· SEE COL. SCHEDULE
   - WALLS ········· SEE WALL SCHEDULE
   - ALL OTHER CONCRETE ········· 4,000 PSI
4. CONCRETE MIXES SHALL BE DESIGNED BY A QUALIFIED TESTING LABORATORY AND SUBMITTED TO THE ENGINEER FOR REVIEW.
5. CLEAR COVER OF CONCRETE OVER OUTER REINFORCING BARS, SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:
   - A. CONCRETE POURED DIRECTLY AGAINST EARTH .... 3" CLEAR TO REINFORCEMENT
   - B. CONCRETE EXPOSED TO EARTH OR WEATHER .... 1 1/2" CLEAR FOR #5 BAR AND SMALLER; 2" FOR #6 BAR AND LARGER
   - C. SLAB ON GRADE .... SEE DETAILS
   - D. SUSPENDED SLAB .... SEE DETAILS
6. ALL REINFORCING BARS, ANCHOR BOLTS, EMBEDDED HOLDOWNS AND OTHER CONCRETE INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE.
7. PROVIDE SLEEVES FOR PLUMBING AND ELECTRICAL OPENING IN CONCRETE BEFORE PLACING. DO NOT CUT ANY REINFORCEMENT IN CONFLICT. CORING IN CONCRETE IS NOT PERMITTED EXCEPT AS SHOWN. NOTIFY THE STRUCTURAL ENGINEER IN ADVANCE OF CONDITIONS NOT SHOWN ON THE DRAWINGS.
8. CONDUIT OR PIPE SIZE (O.D.) SHALL NOT EXCEED 30 PERCENT OF SLAB THICKNESS AND SHALL BE PLACED UNDER THE LAYER OF REINFORCEMENT UNLESS SPECIFICALLY DETAILED OTHERWISE. CONCENTRATIONS OF CONDUITS OR PIPES SHALL NOT BE ALLOWED, EXCEPT WHERE DETAILED FOR OPENINGS ARE PROVIDED.
9. AN EVAPORATION RETARDER SHALL BE USED TO PREVENT PLASTIC SHRINKAGE FORMATION OF ALL SLABS. (EG. EUCOBAR, CONFILM, SIKAFILM, OR EQUIVALENT)
10. PARAPET AND SPANDREL WALLS SHALL HAVE CONTROL JOINTS PER ARCHITECTURAL DRAWINGS, IF NONE SHOWN, PROVIDE CONTROL JOINTS AT INTERVALS NOT EXCEEDING TWICE THE WALL HEIGHT.

CONSTRUCTION JOINTS

1. ALL CONSTRUCTION JOINTS IN WALLS SHALL BE KEYED IN ACCORDANCE WITH THE TYPICAL CONSTRUCTION JOINT DETAILS SHOWN ON STRUCTURAL DRAWINGS OR AT THE CONTRACTOR'S OPTION, SHALL BE AN INTENTIONALLY ROUGHENED CONSTRUCTION JOINT.
2. AN INTENTIONALLY ROUGHENED CONSTRUCTION JOINTS IS DEFINED AS THE FOLLOWING: THE SURFACE OF ROUGHNED JOINTS SHALL BE SAND BLASTED OR ROUGHENED WITH A CHIPPING HAMMER TO EXPOSE THE AGGREGATE EMBEDDED IN THE PREVIOUS POUR. THE EXPOSED AGGREGATE SHALL PROTUDE A MINIMUM OF 1/4 INCH. ALL SURFACES OF CONSTRUCTION JOINTS SHALL BE CLEANED AND LAITANCE REMOVED. IMMEDIATELY BEFORE NEW CONCRETE IS PLACED, ALL CONSTRUCTION JOINTS SHALL BE WETTED AND STANDING WATER REMOVED.
3. VERTICAL CONSTRUCTION JOINTS IN WALLS SHALL BE LOCATED AT A MAXIMUM SPACING OF 30'-0" AND SHALL BE COORDINATED WITH ARCHITECTURAL JOINTS AND TREATMENTS. ALL CONSTRUCTION JOINTS IN SLABS, BEAMS, AND GIRDERS SHALL BE OFFSET A DISTANCE EQUAL TO TWICE THE WIDTH OF THE BEAM. THE CONTRACTOR SHALL SUBMIT THE PROPOSED LOCATIONS OF CONSTRUCTION JOINTS TO THE ARCHITECT/ENGINEER FOR ACCEPTANCE BEFORE STARTING CONSTRUCTION.
4. CONSTRUCTION AND CONTROL JOINTS FOR SLABS ON GROUND SHALL BE IN ACCORDANCE WITH THE TYPICAL SLAB ON GROUND DETAILS. ISOLATION JOINTS SHALL BE LOCATED AT COLUMNS PER TYPICAL SLAB ON GROUND DETAILS.

REINFORCING STEEL

1. ALL REINFORCING STEEL SHALL BE DETAILED AND PLACED IN CONFORMANCE WITH THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318-05), AND "ACI DETAILING MANUAL" LATEST EDITION (SP-66) AS MODIFIED BY THE PROJECT DRAWINGS AND SPECIFICATIONS.
2. REINFORCING BARS SHALL CONFORM TO ASTM A-615 GRADE 60 REQUIREMENTS FOR #3 THRU #10 BARS.
3. ANCHOR BOLTS, DOWELS AND OTHER EMBEDDED ITEMS ARE TO BE SECURELY TIED IN PLACE BEFORE CONCRETE IS POURED.
4. ALL REINFORCING BAR BENDS SHALL BE MADE COLD.
5. WELDED FIRE FABRIC (WWF), IF USED, SHALL CONFORM TO ASTM A-185. FOR SLABS ON GRADE LAP A MIN. OF 6" OR ONE FULL MESH, WHICHEVER GREATER.
6. REINFORCING SPLICES SHALL BE MADE ONLY WHERE INDICATED ON THE DRAWINGS.
7. DOWELS BETWEEN FOOTING AND WALL COLUMNS SHALL BE THE SAME GRADE, SIZE AND SPACING OR NUMBER AS THE VERTICAL REINFORCING, RESPECTIVELY, U.O.N.
8. WELDING OF REINFORCEMENT STEEL SHALL CONFORM TO AWS D1.4 "AWS STRUCTURAL WELDING CODE-REINFORCING STEEL" OF THE AMERICAN WELDING SOCIETY. REINFORCING STEEL WHICH IS WELDED SHALL CONFORM TO ASTM A706. REINFORCING STEEL NOT CONFORMING TO ASTM A706 MAY BE USED IF MATERIAL PROPERTIES OF THE REINFORCING STEEL CONFORM TO AWS D1.4.
9. CONTRACTOR SHALL SUBMIT REBAR PLACEMENT SHOP DRAWINGS. SHOP DRAWINGS SHALL INCLUDE RELEVANT PENETRATIONS THRU WALLS, SLABS, BEAMS, ETC.

CONCRETE MASONRY (CMU)

1. CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90, GRADE N-II, NORMAL WEIGHT.
2. PORTLAND CEMENT TYPE SHALL BE AS SPECIFIED FOR CONCRETE.
3. REINFORCING BARS - SEE NOTES UNDER "REINFORCING STEEL" FOR REQUIREMENTS.
4. MORTAR MIX SHALL CONFORM TO ASTM C270, TYPE S, AND ATTAIN A COMPRESSIVE STRENGTH OF 1800 PSI AT 28 DAYS.
5. GROUT SHALL CONFORM TO ASTM C476, AND ATTAIN A COMPRESSIVE STRENGTH OF 2000 PSI AT 28 DAYS. f'_m = 1500 PSI.
6. PROVIDE A MINIMUM OF 1/2" GROUT BETWEEN MAIN REINFORCING AND MASONRY UNITS.
7. USE LOW LIFT CONSTRUCTION: MAXIMUM GROUT POUR HEIGHT IS 5 FT..
8. GROUT ALL CELLS SOLID UNLESS OTHERWISE NOTED.
9. CELLS SHALL BE IN VERTICAL ALIGNMENT. DOWELS IN FOOTING SHALL BE SET TO ALIGN w/ CORES CONTAINING REINFORCING STEEL.
10. CONCRETE SURFACES SHALL BE CLEANED OF ALL LAITANCE PRIOR TO SETTING BLOCKS.
11. ALL WALLS SHALL BE CONSTRUCTED IN CONVENTIONAL RUNNING BOND UNLESS OTHERWISE NOTED. REFER TO ARCHITECTURAL DRAWINGS FOR SURFACE TEXTURE AND HEIGHT OF UNITS, LAYING PATTERNS AND JOINT TYPE.
12. PREFABRICATED REINFORCING-BAR-POSITIONERS SHALL BE USED TO CORRECTLY LOCATE AND SECURE VERTICAL AND HORIZONTAL REINFORCING STEEL IN MASONRY WALLS.
13. USE VIBRATOR TO CONSOLIDATE ALL GROUT.
14. IF WORK IS STOPPED LONGER THAN ONE (1) HOUR, PROVIDE HORIZONTAL CONSTRUCTION JOINT BY STOPPING THE GROUT 1 1/2" BELOW THE TOP OF THE BLOCK.
15. TOPS OF NON-BEARING CMU WALLS SHALL BE LATERALLY CONNECTED TO STRUCTURAL FRAMING OR SLABS. SEE CMU WALL DETAILS.

MISCELLANEOUS

1. ALL STAIRWAYS ON THIS PROJECT ARE PRE-ENGINEERED STEEL STAIRS UNLESS OTHERWISE NOTED. SEE ARCHITECTURAL DRAWINGS FOR STAIR CONFIGURATION, IF CONCRETE TOPPING IS REQUIRED, ETC. PRE-ENGINEERED STEEL STAIR MANUFACTURER SHALL PROVIDE ALL FRAMING MEMBERS AND HARDWARE FOR THE STAIRS INCLUDING STEEL EMBED PLATES AND ALL CONNECTIONS TO CONNECT THE STAIR TO THE PRIMARY STRUCTURE. CONTRACTOR TO SUBMIT SHOP DRAWINGS AND STRUCTURAL CALCULATIONS PREPARED BY A HAWAII LICENSED STRUCTURAL ENGINEER TO THE ARCHITECT.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF ALL STRUCTURAL STEEL SUPPORT PLATFORMS FOR ALL MECHANICAL AND ELECTRICAL EQUIPMENT SUCH AS COOLING TOWERS, EMERGENCY GENERATORS, ETC. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS AND REQUIREMENTS. CONTRACTOR TO SUBMIT SHOP DRAWINGS AND STRUCTURAL CALCULATIONS PREPARED BY A HAWAII LICENSED STRUCTURAL ENGINEER TO THE ARCHITECT FOR REVIEW.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION FOR ALL ARCHITECTURAL PRECAST CONCRETE PANELS, INCLUDING PROVIDING ALL STRUCTURAL STEEL EMBED PLATES AND CONNECTIONS. CONTRACTOR TO SUBMIT SHOP DRAINGS AND STRUCTURAL CALCULATIONS PREPARED BY A HAWAII LICENSED ENGINEEER TO THE ARCHITECT FOR REVIEW.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION FOR ALL CURTAIN WALL PANELS, INCLUDING PROVIDING ALL STRUCTURAL STEEL EMBED PLATES AND CONNECTIONS. CONTRACTOR TO SUBMIT SHOP DRAINGS AND STRUCTURAL CALCULATIONS FOR REVIEW.
5. PROVIDE METHODS OF ISOLATING DISSIMILAR CLADDING METALS AND CONNECTORS FROM STRUCTURAL STEEL SUPPORT ELEMENTS TO PREVENT GALVANIC CORROSION.

CODE-REQUIRED SPECIAL INSPECTION

THE OWNER SHALL EMPLOY SPECIAL INSPECTORS FOR THE FOLLOWING TYPES OF CONSTRUCTION AS PER UBC SECTON 1701:

1. CONCRETE PLACEMENT
2. REINFORCING STEEL PLACEMENT
3. STRESSING PRECAST CONCRETE MEMBERS
4. ERECTION OF PRECAST CONCRETE MEMBERS
5. STRUCTURAL MANSONRY, REBAR PLACEMENT AND GROUTING
6. ANCHOR BOLT INSTALLATION INCLUDING ALL STEEL EMBED PLACEMENT INTO CONCRETE AND CMU MEMBERS
7. POST INSTALLED CONCRETE AND MASONRY ANCHORS
8. ACIP PILE INSTALLATION

LEGEND

CONCRETE

CMU — SMW- (DENOTES STRUCTURAL CMU WALL); NMW- (DENOTES NON-STRUCTURAL CMU WALL)

STEEL

FLOOR DEPRESSION

CONCRETE PAD

FINISH FLOOR OR TOP OF SLAB ELEVATION

+100.0 (-3") — TOP OF SLAB BELOW FINISH FLOOR

C-2 — COLUMN MARK AND NUMBER, SEE SCHEDULE

PC-2 — FOOTING MARK AND NUMBER, SEE SCHEDULE

INDICATES TEST PILE

TP - XX — INDICATES PILE NO.

WF - 3 — WALL FOOTING AND NUMBER, SEE SCHEDULE

TB - 5 — TIE BEAM AND NUMBER, SEE SCHEDULE

W - 05 — WALL MARK AND NUMBER, SEE SCHEDULE

GB - 2 — GRADE BEAM AND NUMBER, SEE SCHEDULE

2B - 15 — BEAM MARK AND NUMBER, SEE SCHEDULE

STRUCTURAL ABBREVIATIONS:

A.B.	ANCHOR BOLT
ALT.	ALTERNATE
APPROX.	APPROXIMATE
ARCH.	ARCHITECTURAL
(B)	BOTTOM (REINFORCEMENT)
BLDG.	BUILDING
BM.	BEAM
BOT.	BOTTOM
B.S.	BOTH SIDES
BTWN	BETWEEN
C.I.P.	CAST-IN-PLACE
C.J.	CONSTRUCTION JOINT
℄	CENTERLINE
CLR.	CLEAR(ANCE)
C.M.U.	CONCRETE MASONRY UNIT
COL.	COLUMN
CONC.	CONCRETE
CONN.	CONNECTION
C.P.	COMPLETE PENETRATION
CONSTR.	CONSTRUCTION
CONT.	CONTINUOUS
DBL	DOUBLE
DET.	DETAIL
DIA.	DIAMETER
DIM.	DIMENSION
DWG.	DRAWING
EA.	EACH
E.F.	EACH FACE
E.J.	EXPANSION JOINT
ELEV.	ELEVATOR
EQ.	EQUAL
E.S.	EACH SIDE
E.W.	EACH WAY
EXP.	EXPANSION
EXT.	EXTERIOR
EXIST.	EXISTING
FDN.	FOUNDATION
FL.	FLOOR
F.O.C.	FACE OF CONCRETE
FIN.	FINISH
FTG.	FOOTING
GA.	GAUGE
GALV.	GALVANIZED
G.L.	GRID LINE
(H)	HORIZONTAL (REINFORCEMENT)
HORIZ.	HORIZONTAL
H.P.	HIGH POINT
I.D.	INSIDE DIAMETER (DIMENSION)
INFO.	INFORMATION
INT.	INTERIOR
INTERM.	INTERMEDIATE
JT.	JOINT

LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONGIT.	LONGITUDINAL
MAX.	MAXIMUM
M.B.	MACHINE BOLT
MECH.	MECHANICAL
MFR.	MANUFACTURER
MIN.	MINIMUM
MISC.	MISCELLANEOUS
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
ø	DIAMETER
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.F.	OUTSIDE FACE
O.H.	OPPOSITE HAND
OPNG.	OPENING
OPP.	OPPOSITE
PART.	PARTIAL
PL.,	PLATE
PLWD.	PLYWOOD
P.P.	PARTIAL PENETRATION
PT.	POINT
R.O.	ROUGH OPENING
RAD.	RADIUS
REINF.	REINFORCED, REINFORCEMENT
REQ'D	REQUIRED
SCHED.	SCHEDULE
SECT.	SECTION
SHT.	SHEET
SIM.	SIMILAR
SL.	SLOPE
S.O.G.	SLAB - ON - GRADE
SPECS.	SPECIFICATIONS
SQ.	SQUARE
STD.	STANDARD
STIFF.	STIFFENER
STRUCT.	STRUCTURAL
SYM.	SYMMETRICAL
(T)	TOP (REINFORCEMENT)
T & B	TOP & BOTTOM
THRU	THROUGH
T.O.F.	TOP OF FOOTING
T.O.S.	TOP OF STEEL
T.O.W.	TOP OF WALL
TRANSV.	TRANSVERSE
TSL.	TOP OF SLAB
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
(V)	VERTICAL (REINFORCEMENT)
VERT.	VERTICAL
W/	WITH
WD.	WOOD
W.W.F.	WELDED WIRE FABRIC

PALEKANA PERMITS
THIRD PARTY CERTIFICATION
☐ Bldg. Code ☐ Elec. Code
☐ Mech. Code ☐ ZPRB (Land Use Ordinance)
☐ Structural (Non-Single/2-Family Dwellings)

APPROVED
DPP

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Signature
Expiration Date: 4/30/2018

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DEVELOPER:
CALIFORNIA INVESTMENT REGIONAL CENTER, LLC

PROJECT OWNER:
HAWAII CITY PLAZA, LP

Hawaii City Plaza
Honolulu, Hawaii
710 Sheridan Street
TMK 2-3-014: Parcels 002, 004, & 011

APRIL 13, 2018
AISE JOB No 17001.TD

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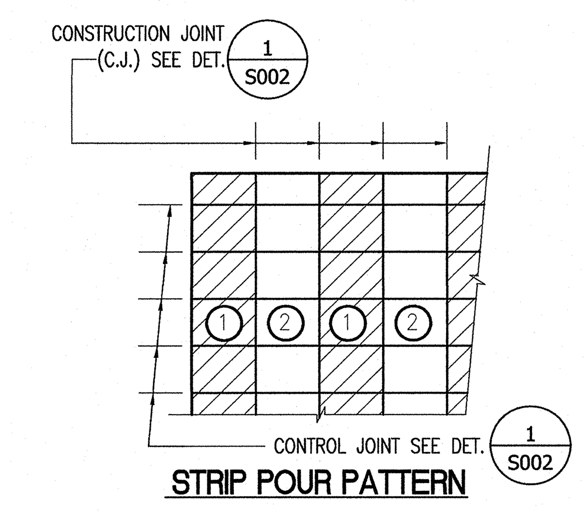
SHEET TITLE

GENERAL NOTES

SHEET NO.

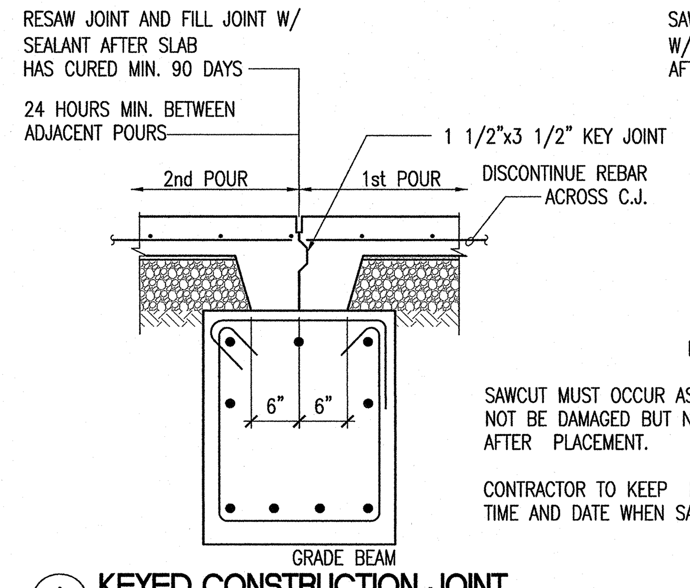
S001

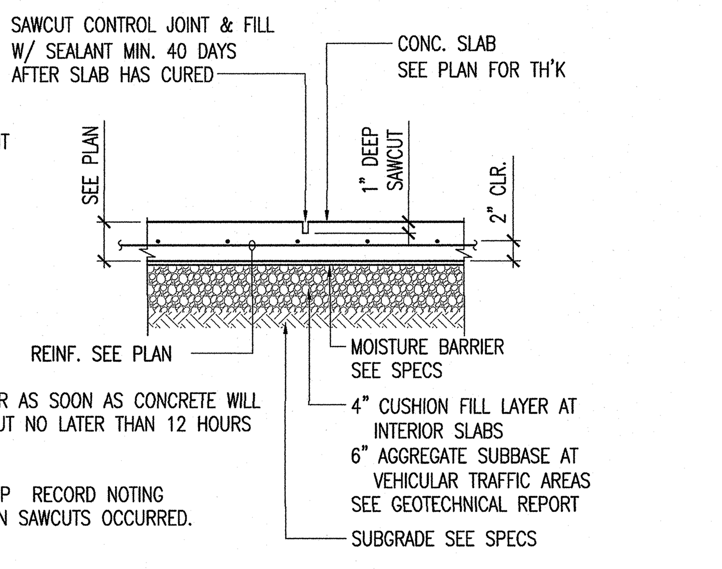


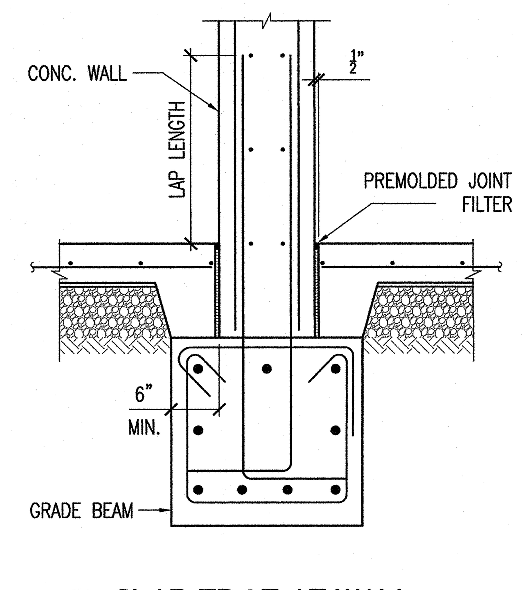
NOTES :

1. THERE SHALL BE A MINIMUM OF 24 HOURS BETWEEN POURS 1 & 2.
2. THE DAY'S WORK AND AT EVERY 120 FT MAX.

2 SLAB ON GRADE POUR PATTERN
NOT TO SCALE

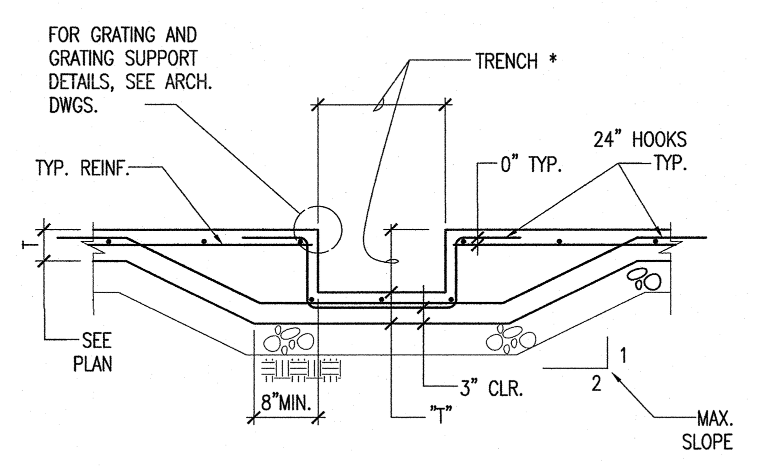






NOTE:
CONSTRUCTION JOINTS ARE REQUIRED WHERE SHOWN ON PLAN. IF JOINT PATTERN NOT SHOWN, PROVIDE JOINTS NOT EXEEDING 14'-0" IN EITHER DIRECTION AND LOCATED TO CONFORM TO BAY SPACING WHEREVER POSSIBLE (AT COLUMN CENTERLINES, HALF-BAYS, THIRD-BAYS.)

1 TYPICAL SLAB ON GRADE AND JOINT DETAILS
NOT TO SCALE

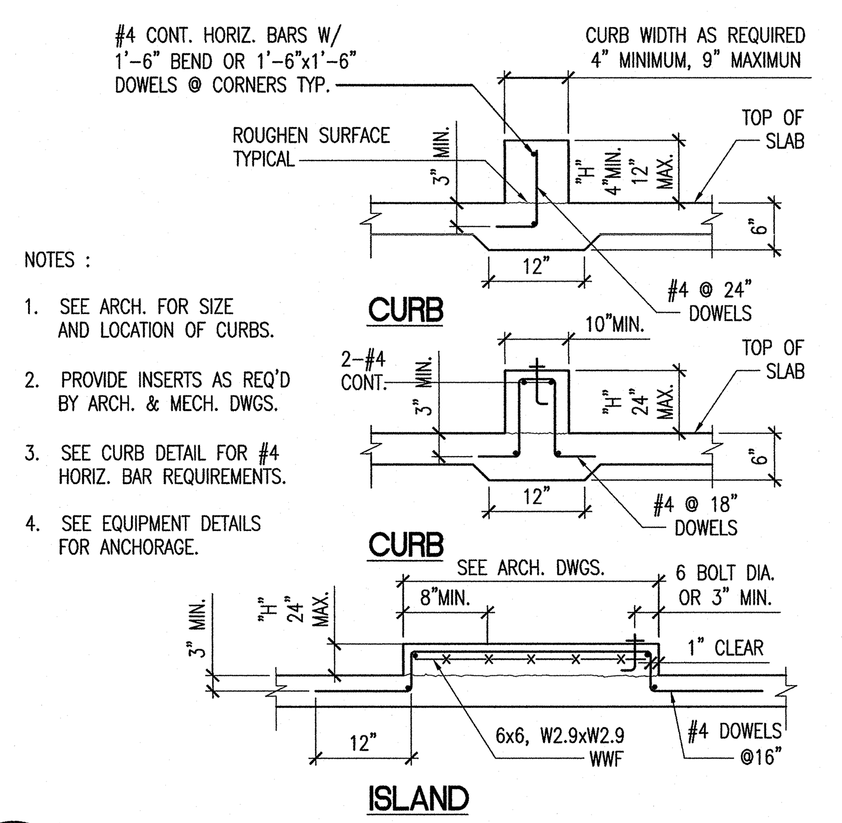


* FOR TRENCH LOCATIONS AND SIZE SEE PLANS AND/OR APPLICABLE ARCH., MECH. AND ELEC. DWGS.

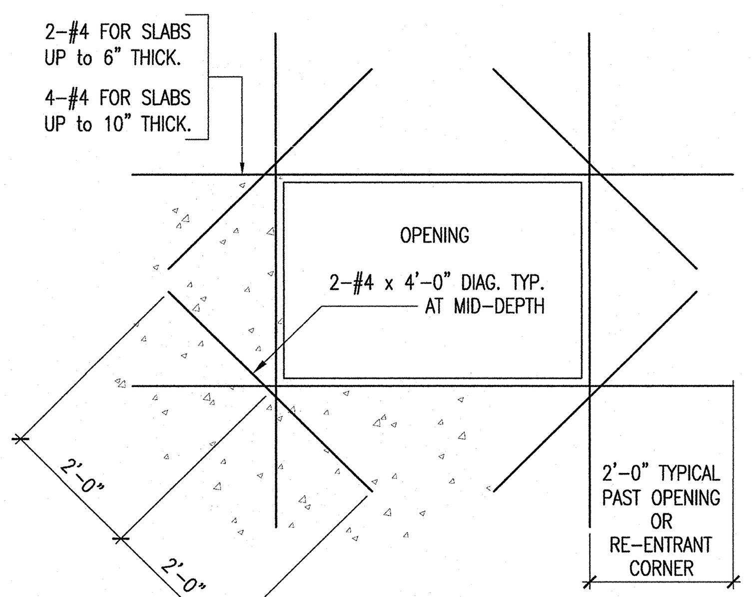
6 TYPICAL TRENCH AT SLAB ON GRADE
NOT TO SCALE

NOTES :

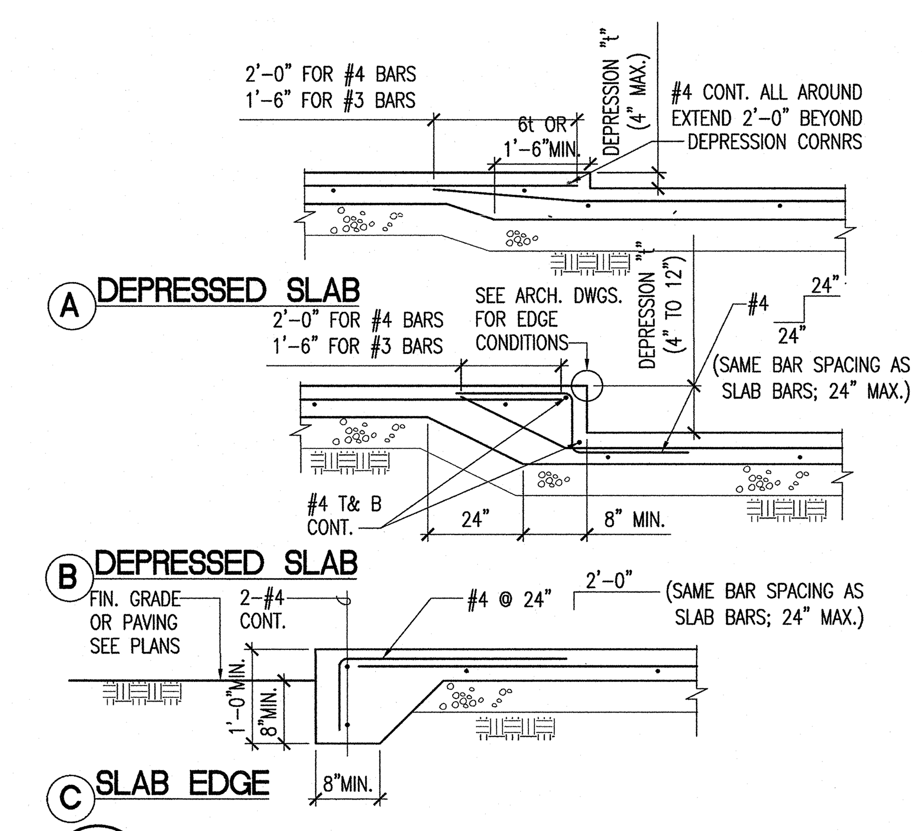
1. SEE ARCH. FOR SIZE AND LOCATION OF CURBS.
2. PROVIDE INSERTS AS REQ'D BY ARCH. & MECH. DWGS.
3. SEE CURB DETAIL FOR #4 HORIZ. BAR REQUIREMENTS.
4. SEE EQUIPMENT DETAILS FOR ANCHORAGE.



5 CONCRETE CURBS AND ISLANDS ON GRADE
NOT TO SCALE

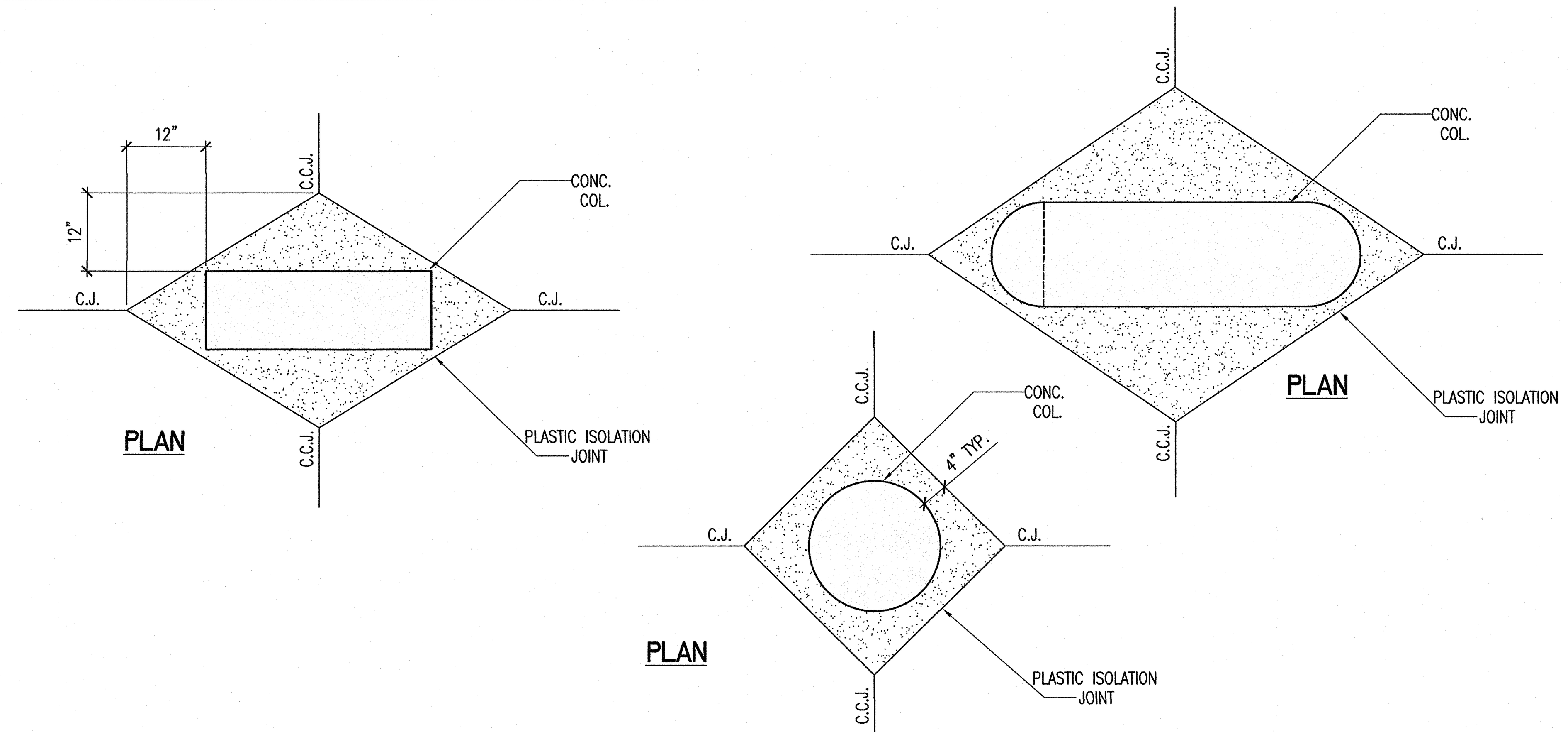


4 TYP. S.O.G. RE-ENTRANT CORNER OR BLOCKOUT DETAIL
NOT TO SCALE

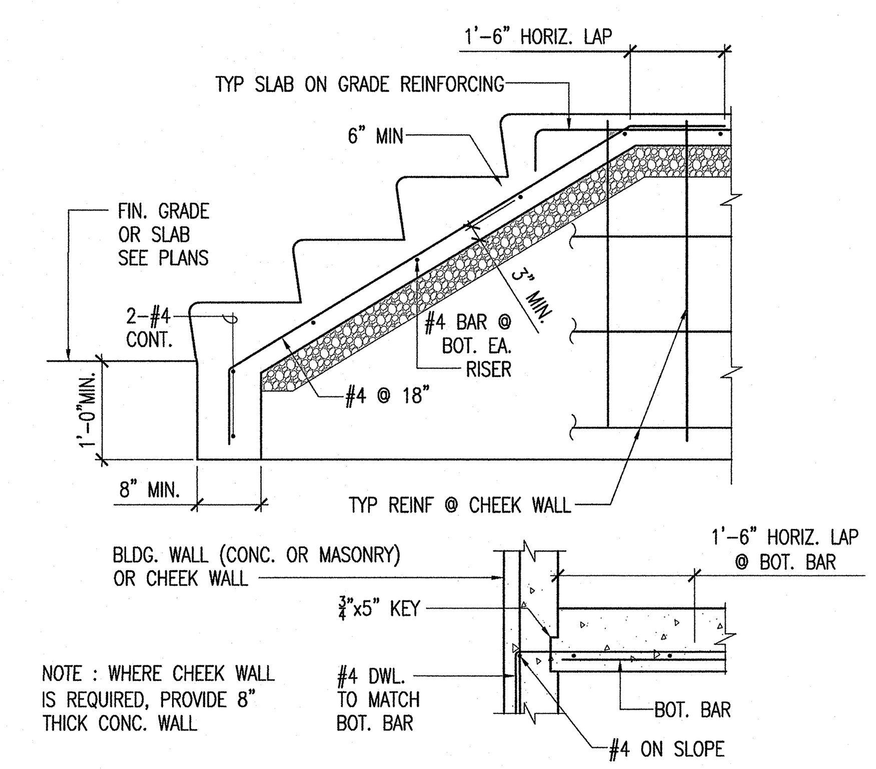


3 DEPRESSED SLAB AND SLAB EDGE DETAIL
NOT TO SCALE

PALEKANA PERMITS
THIRD PARTY CERTIFICATION
☐ Bldg. Code ☐ Elec. Code
☐ Mech. Code ☐ ZFRB (Read the Ordinance)
☐ Structural (Non-Single/2-Family Dwellings)



8 ISOLATION JOINTS AROUND COLUMNS
NOT TO SCALE



NOTE : WHERE CHEEK WALL IS REQUIRED, PROVIDE 8" THICK CONC. WALL

7 CONCRETE STAIR ON GRADE
NOT TO SCALE

APPROVED DPP

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TMK 2-3-014: Parcels 002, 004, & 011

APRIL 13, 2018
AISE JOB No 17001.TD

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SHEET TITLE

TYPICAL DETAILS CONCRETE SLAB

SHEET NO.

S002

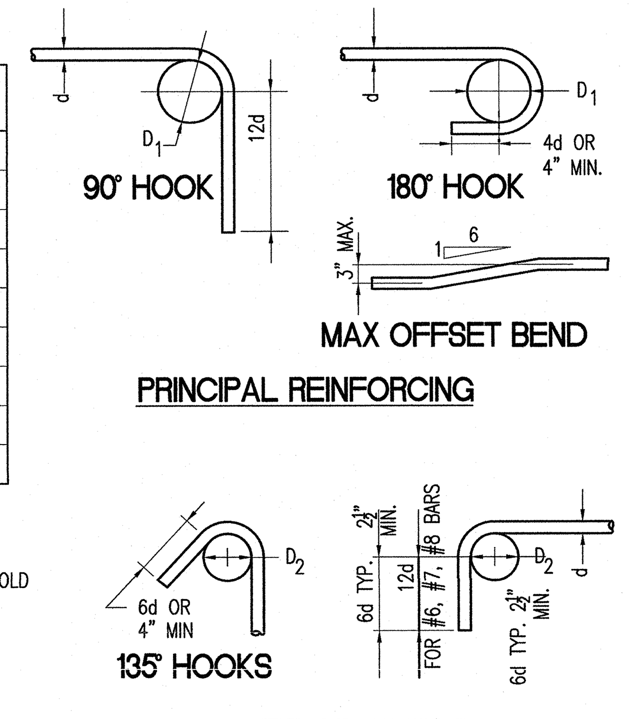
3 BAR BENDS (REINF.)

NOT TO SCALE

BAR DIA.	MIN. D_2	MIN. D_1
#3	1 1/2"	2 1/4"
#4	2"	3"
#5	2 1/2"	3 3/4"
#6	4 1/2"	4 1/2"
#7	5 1/4"	5 1/4"
#8		6"
#9		9 1/2"
#10		10 3/4"
#11		12"

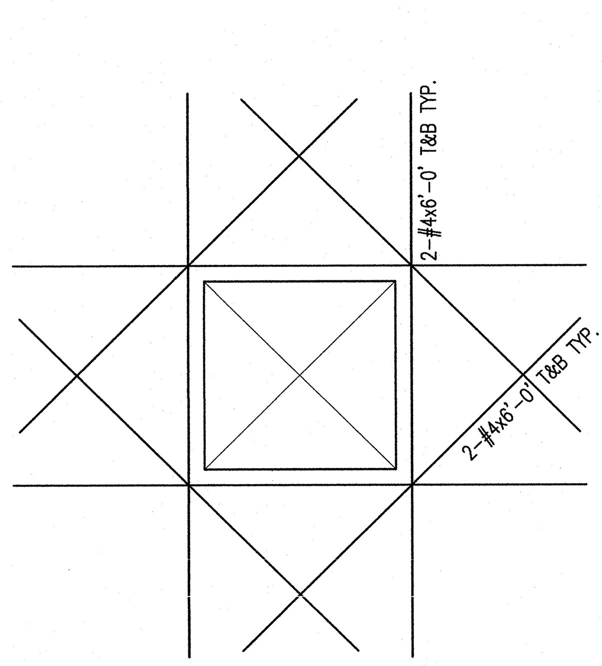
NOTES:

1. ALL BENDS SHALL BE MADE COLD
2. #14 & #18 BARS SHALL BE BEND–TEST AND APROVED PRIOR TO BENDING.

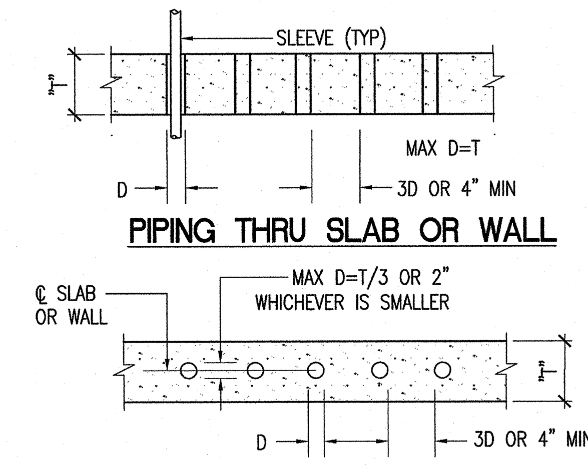


2 REINFORCEMENT AT SMALL OPENINGS ON SLAB (24"x24" MAX.)

NOT TO SCALE



1 PIPING AND CONDUIT IN OR THRU SLAB OR WALL



NOTE :
WHERE CLEAR DISTANCE BETWEEN SLEEVES IS IMPOSSIBLE OR MAX D IS EXCEEDED, THIS AREA SHALL BE TREATED AS AN OPENING PER TYPICAL DETAIL FOR OPENINGS IN SLAB OR WALL.

NOT TO SCALE

6 LAP SPLICE SCHEDULE AND BAR BENDS (REINF.)

NOT TO SCALE

LEGEND:

CONCRETE STRENGTH → f'c= (I | II)

I. APPLIES TO BOTTOM BARS OF BEAMS, SLAB BARS *, VERTICAL WALL BARS, AND VERTICAL COLUMN BARS.

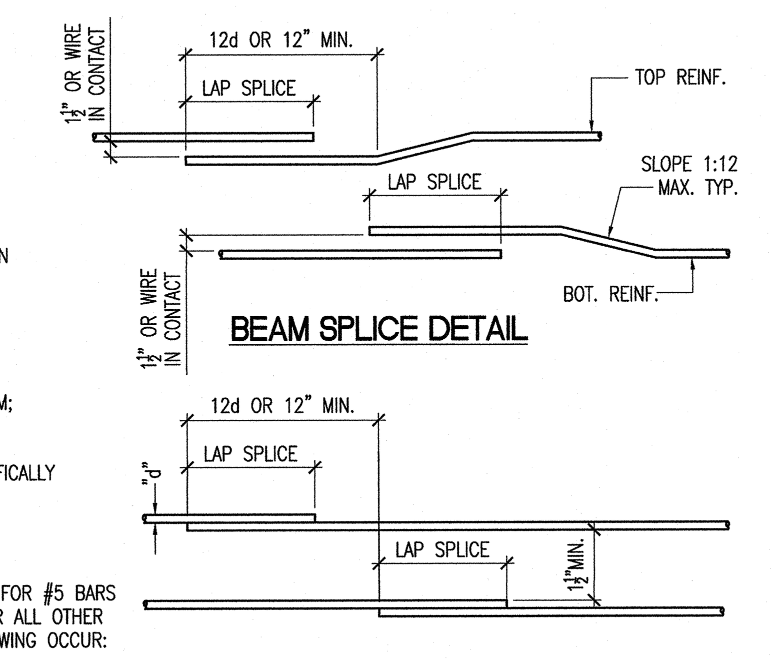
II. APPLIES TO TOP BARS OF BEAMS AND HORIZONTAL WALL STEEL.

TENSION LAP SPLICE, (HARDROCK CONCRETE), 05 ACI
GRADE 60 FOR #3 THROUGH #10, GRADE 75 FOR #11

BAR SIZE	f'c=3000		f'c=4000		f'c=5000		f'c=6000		f'c=7000	
	I	II	I	II	I	II	I	II	I	II
#3	20"	26"	18"	23"	16"	21"	16"	21"	16"	21"
#4	27"	35"	24"	31"	21"	27"	19"	25"	18"	23"
#5	34"	44"	29"	38"	26"	34"	24"	31"	22"	29"
#6	41"	53"	35"	46"	31"	41"	29"	37"	27"	35"
#7	59"	76"	51"	66"	46"	59"	42"	54"	39"	50"
#8	67"	87"	58"	76"	52"	68"	48"	62"	44"	57"
#9	76"	98"	66"	85"	59"	76"	54"	70"	50"	65"
#10	85"	111"	74"	96"	66"	86"	60"	78"	56"	73"
#11	118"	153"	102"	133"	92"	119"	84"	109"	77"	101"

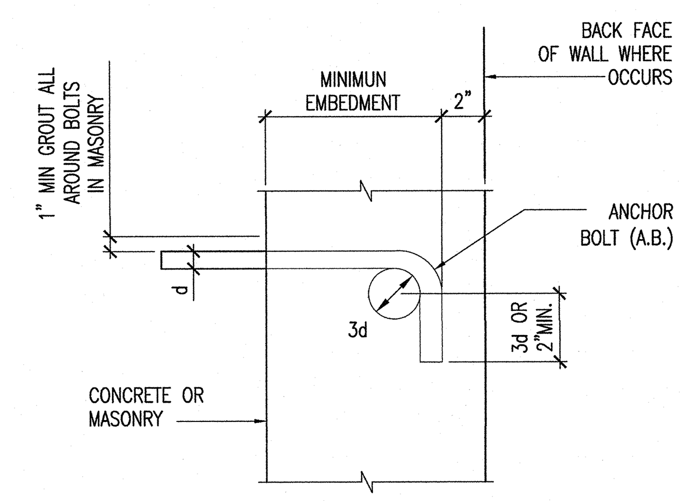
NOTES:

1. IN STANDARD SPIRAL COLUMN USE 0.75 LAP LENGTH WITH 2'–0" MINIMUM.
2. * FOR TOP BARS WHICH HAVE MORE THAN 12" OF CONCRETE CAST BELOW THEM; USE TYPE II LAP SPLICE.
3. LAP SPLICE LENGTHS SPECIFICALLY DETAILED ON DRAWINGS SHALL GOVERN IN LIEU OF SCHEDULE LAP LENGTHS.
4. MULTIPLY SPLICES BY 1.33 FOR #5 BARS AND SMALLER AND 1.45 FOR ALL OTHER BARS IF ANY OF THE FOLLOWING OCCUR:
   A. CONCRETE COVER <db
   B. CENTER TO CENTER BAR SPACING < 3db
   db = DIAMETER OF BAR



5 ANCHOR BOLT EMBEDMENT SCHEDULE

NOT TO SCALE



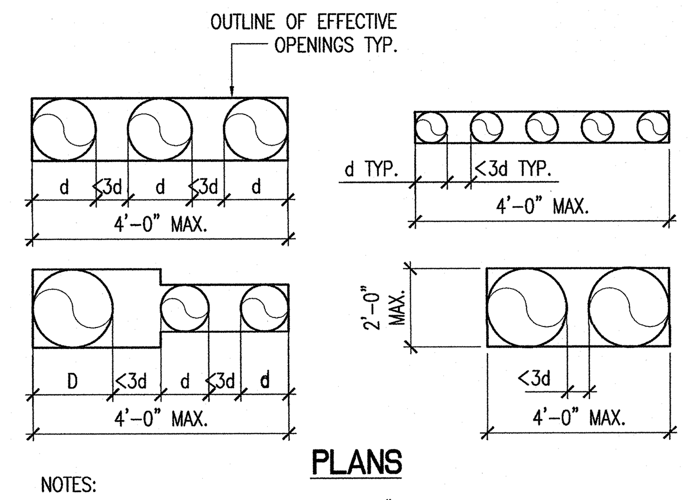
NOTE:

MINIMUN BOLT SPACING SHALL BE 12 BOLTS DIAMETERS WITH A MINIMUN EDGE DISTANCE OF 6 BOLT DIAMETERS

BOLT SIZE	EMBEDMENT
1/2"	4"
5/8"	5"
3/4"	6"
7/8"	6"
1"	7"

4 SLAB OPENINGS FOR MULTIPLE PIPES

NOT TO SCALE



PLANS

NOTES:

1. ALL ABOVE CONDITIONS REQUIRE 1–#5 TOP & BOTTOM TRIM BARS ALL AROUND THE EFFECTIVE OPENING WITH 1'–0" MINIMUN EMBEDMENT PAST THE OPENING EDGE. SEE "REINFORCING AROUND STRUCT. SLAB OPENINGS" FOR FURTHER REQIREMENTS.
2. IF THE EFFECTIVE LENGTH OF AN OPENING IS GREATER THAN 2'–0", FOLLOW THE TRIM REQUIREMENTS CALLED OUT ON THE APPROPRIATE DETAIL.

PALEKANA PERMITS
THIRD PARTY CERTIFICATION
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☐ Mech. Code ☐ ZPRB (Land Use Ordinance)
☐ Structural (Non-Single/2-Family Dwellings)

APPROVED
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TMK 2-3-014: Parcels 002, 004, & 011

APRIL 13, 2018
AISE JOB No 17001.TD

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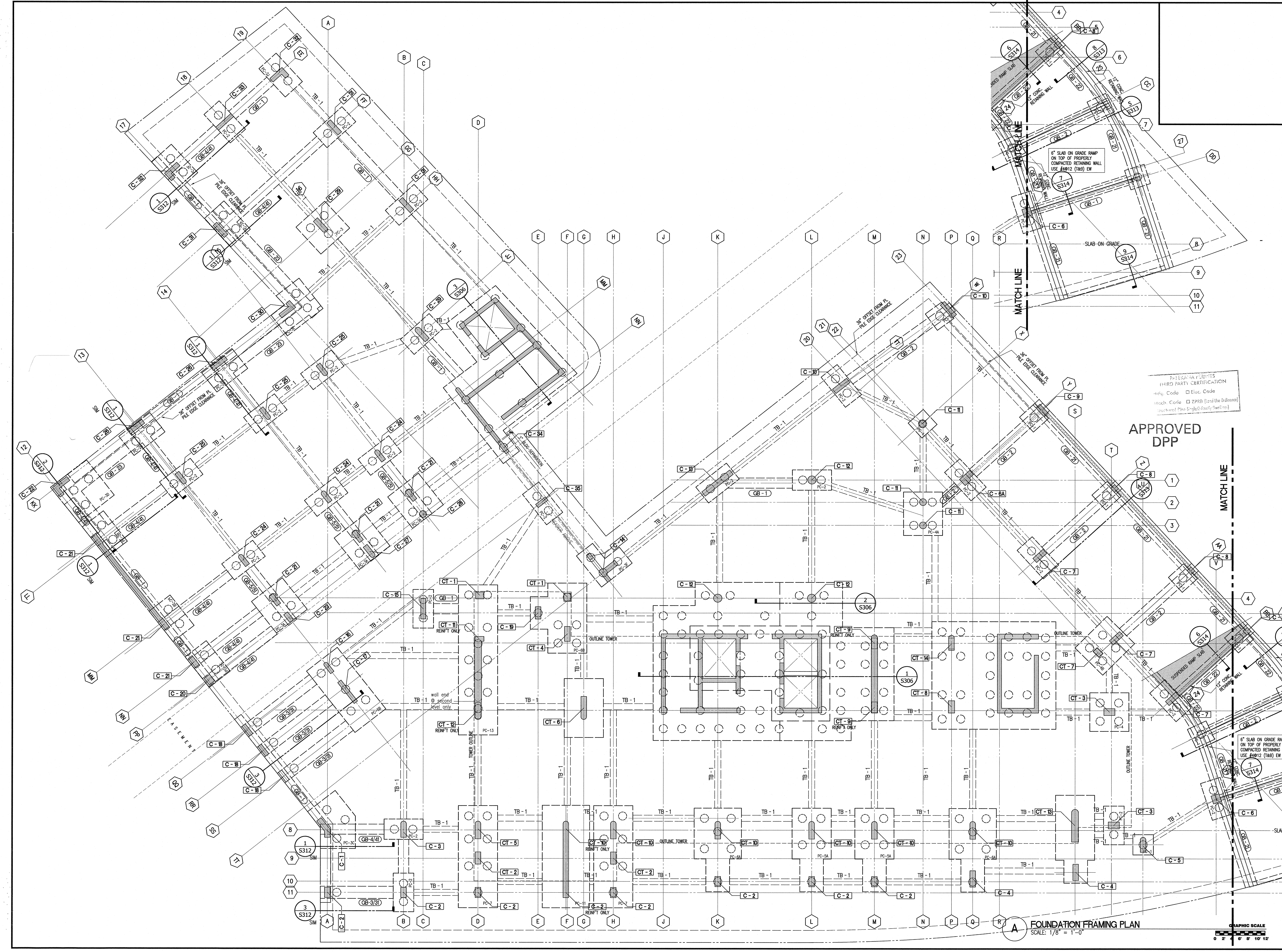
SHEET TITLE

TYPICAL DETAILS
REINFORCEMENT

SHEET NO.

S003



A FOUNDATION FRAMING PLAN
SCALE: 1/8" = 1'-0"

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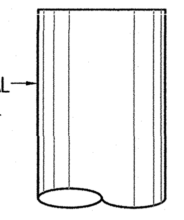
SHEET TITLE
FOUNDATION PLAN

SHEET NO.
S101

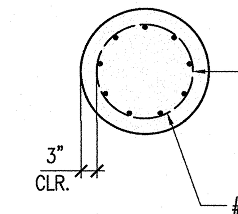
NOTES:

1. IF #9 LONGITUDINAL PILE BARS ARE NOT STIFF ENOUGH TO PENETRATE GROUT, INSTALL #10 OR #11 BARS.
2. PROVIDE ALL CENTRALIZERS AND SPACERS TO HOLD REINF'T CAGE IN PLACE TO MAINTAIN PROPER POSITIONING OF BARS AND NECESSARY CLEAR COVER.
3. CONTRACTOR SHALL REFER TO GEOTECHNICAL REPORT FOR ALL INFORMATION. IF THERE IS CONFLICTING INFORMATION BETWEEN THE GEOTECHNICAL REPORT AND THE STRUCTURAL DRAWINGS, THE CONTRACTOR SHALL FOLLOW THE GEOTECHNICAL REPORT.
4. CONSULT SOILS ENGINEER FOR BACKFILL AND COMPACTION REQUIREMENTS.

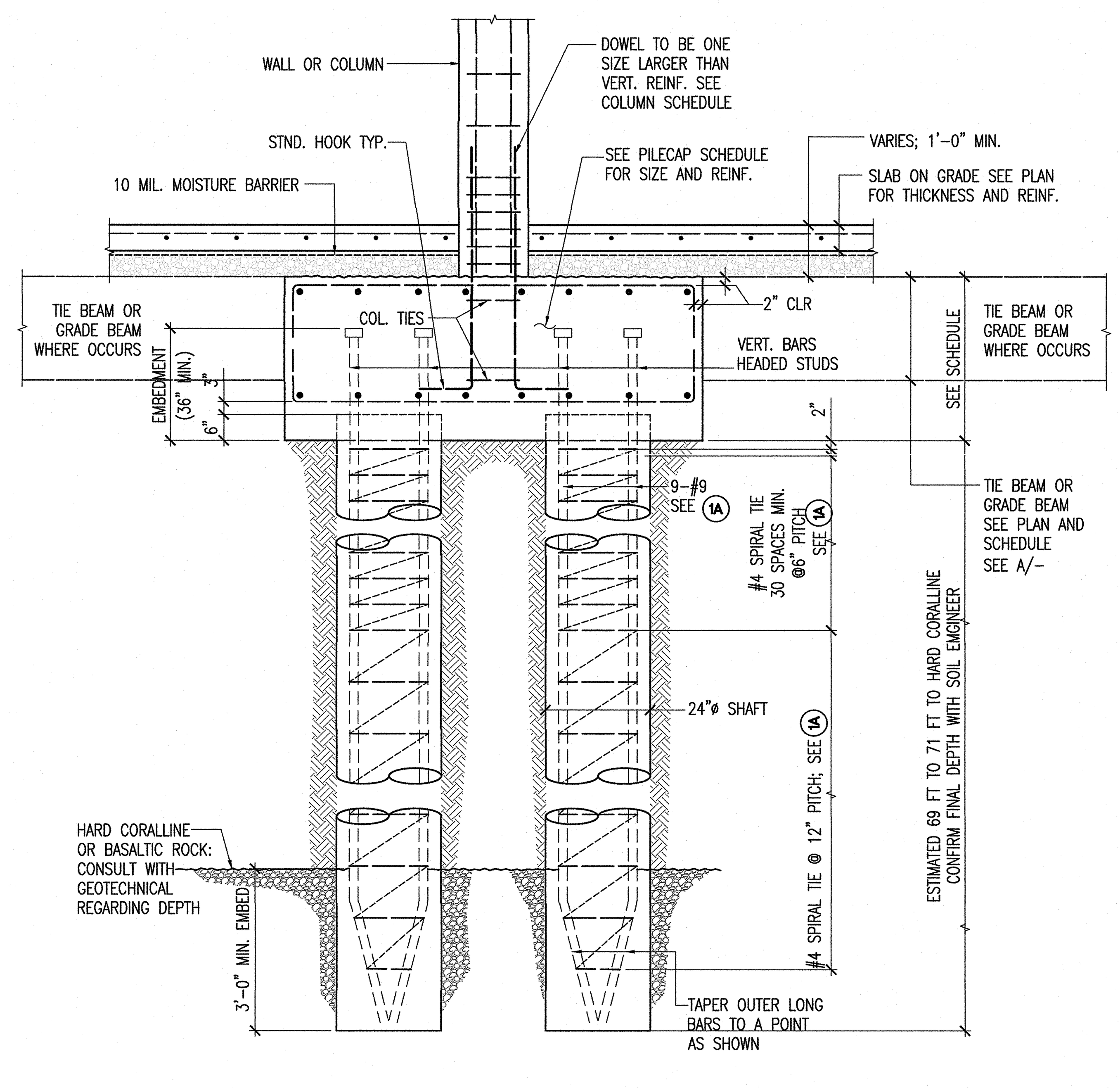


PILE DESIGN CAPACITY
REFER TO GEOTECHNICAL REPORT

24"ø AUGERED CAST IN PLACE PILE



1A SECTION



1 TYPICAL AUGERCAST PILE / PILECAP DETAIL
NOTE TO SCALE

PILECAP SCHEDULE SEE PILE CAPS FOR SIZES

PILECAP TYPE	NUMBER OF PILES	DEPTH (in)	LONG BARS REINF.		SHORT BARS REINF.		REMARKS (ADDITIONAL) LONG BARS REINF.		REMARKS (ADDITIONAL) SHORT BARS REINF.	
			TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM
PC-1	1	48	6-#6	6-#6	6#6	6-#6				
PC-2	2	48	6#7@12"	6#7@12"	10#7@12"	10#7@12"				
PC-2A	2	48	8#7@10"	8#7@10"	10#7@12"	10#7@12"				
PC-2B	2	48	7#7@12"	7#7@12"	10#7@12"	10#7@12"				
PC-2C	2	48	7#7@12"	7#7@12"	10#7@12"	10#7@12"				
PC-2F	2	48	7#7@12"	7#7@12"	10#7@12"	10#7@12"				
PC-2H	2	48	8#7@10"	8#7@10"	10#7@12"	10#7@12"				
PC-2J	2	48	6#7@12"	6#7@12"	10#7@12"	10#7@12"				
PC-3	3	48	10#7@12"	10#7@12"	11#7@12"	11#7@12"				
PC-3A	3	48	11#7@10"	11#7@10"	10#7@12"	10#7@12"				
PC-3C	3	48	SEE PILECAP SECTION							
PC-3D	3	48	SEE PILECAP SECTION							
PC-3E	3	48	SEE PILECAP SECTION							
PC-3F	3	48	SEE PILECAP SECTION							
PC-4	4	54	12#8@9"	12#8@9"	12#8@9"	12#8@9"				
PC-4A	4	54	12#8@9"	12#8@9"	12#8@9"	12#8@9"				
PC-4B	4	54	10#8@12"	10#8@12"	12#8@12"	12#8@12"				
PC-5A	5	54	SEE PILECAP SECTION							
PC-5B	5	54	10#8@12"	10#8@12"	20#8@12"	20#8@12"				
PC-6	6	54	11#8@10"	11#8@10"	15#8@12"	15#8@12"				
PC-6A	6	54	SEE PILECAP SECTION							
PC-6B	6	54	SEE PILECAP SECTION							
PC-7	7	54	12#8@9"	12#8@9"	25#8@12"	25#8@12"				
PC-7B	7	54	SEE PILECAP SECTION							
PC-11	11	54	15#8@9"	12#8@9"	25#8@12"	25#8@12"				
PC-13	13	60	12#9@9"	12#9@9"	38#9@12"	38#9@12"				

NOTE: FOR PILECAP DIMENSIONS SEE S302 AND S303

2 PILECAP SCHEDULE
NOTE TO SCALE

PALEKANA PERMITS
THIRD PARTY CERTIFICATION
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☐ Mech. Code ☐ ZPRB (Land Use Ordinance)
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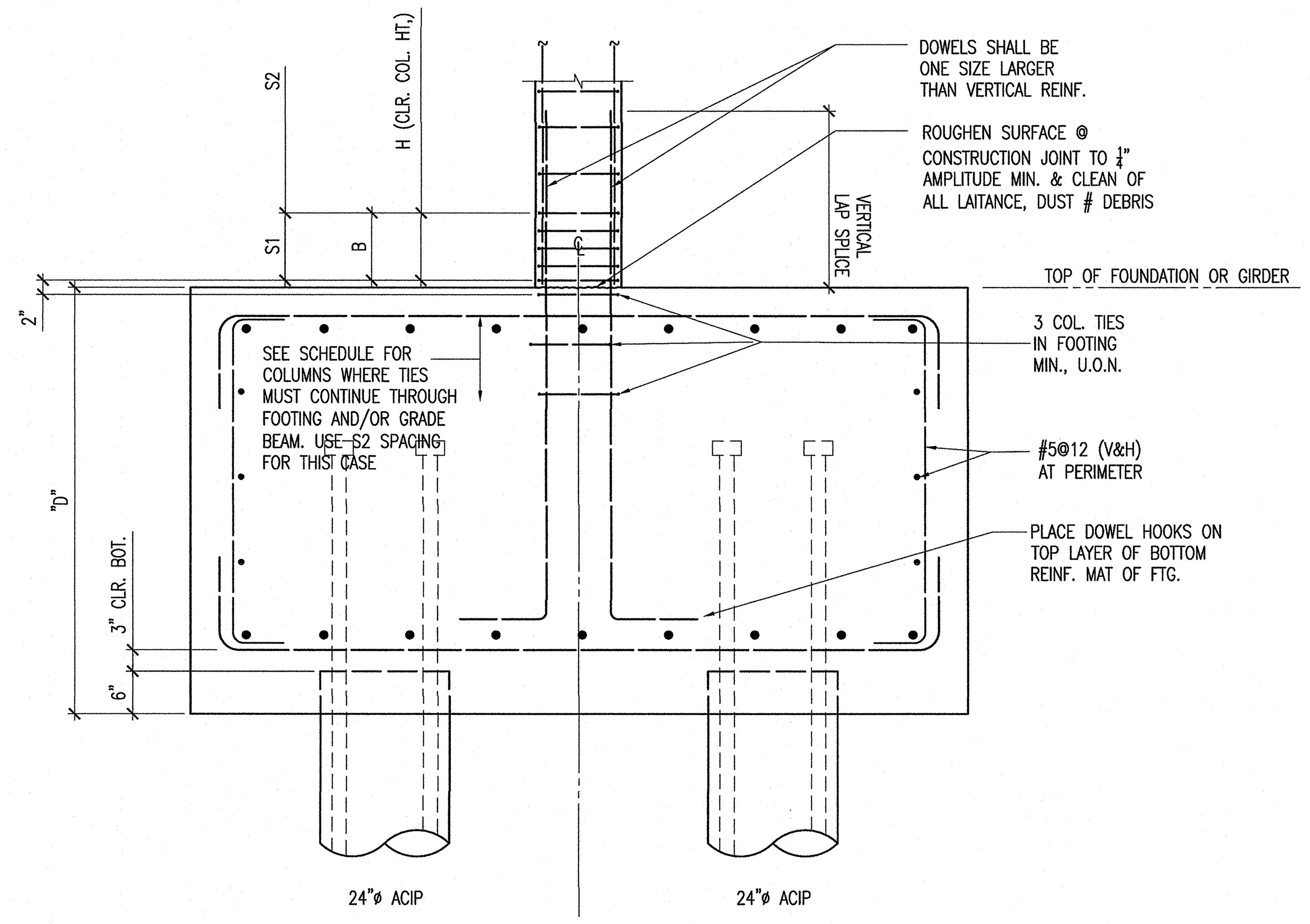

3 TYPICAL PILECAP SECTION
SCALE : 3/8" = 1'-0"

GRAPHIC SCALE
0 6" 1' 2' 3' 4'

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Signature
Expiration Date: 4/30/2018

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DEVELOPER:
CALIFORNIA INVESTMENT REGIONAL CENTER, LLC

PROJECT OWNER:
HAWAII CITY PLAZA, LP

Hawaii City Plaza
Honolulu, Hawaii
710 Sheridan Street
TMK 2-3-014: Parcels 002, 004, & 011

APRIL 13, 2018
AISE JOB No 17001.TD

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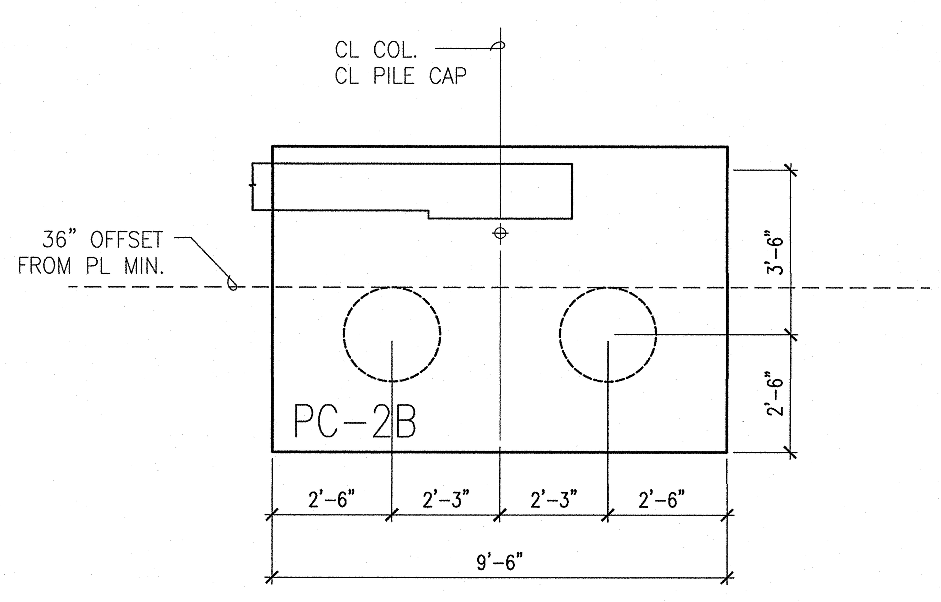
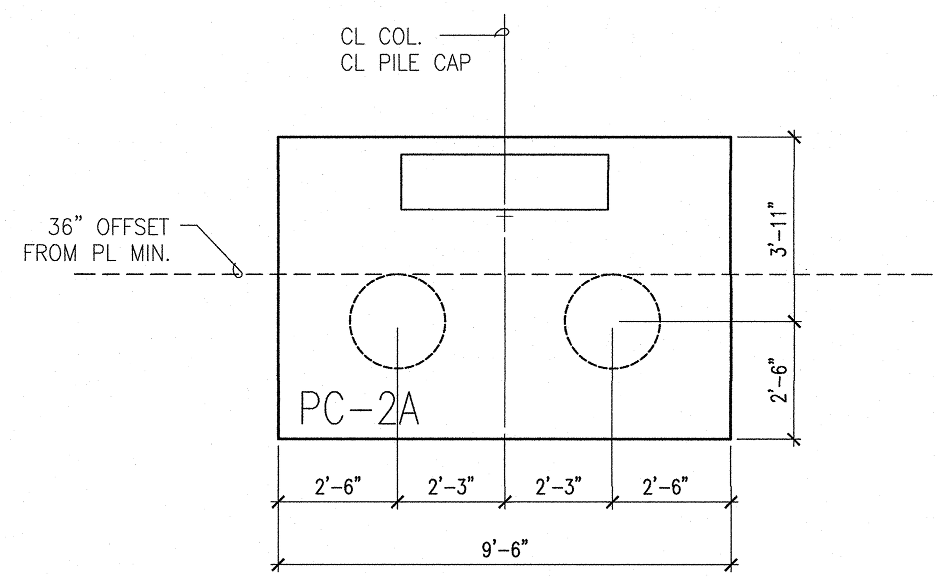
SHEET TITLE
PILE - PILE CAP SCHEDULE AND DETAILS

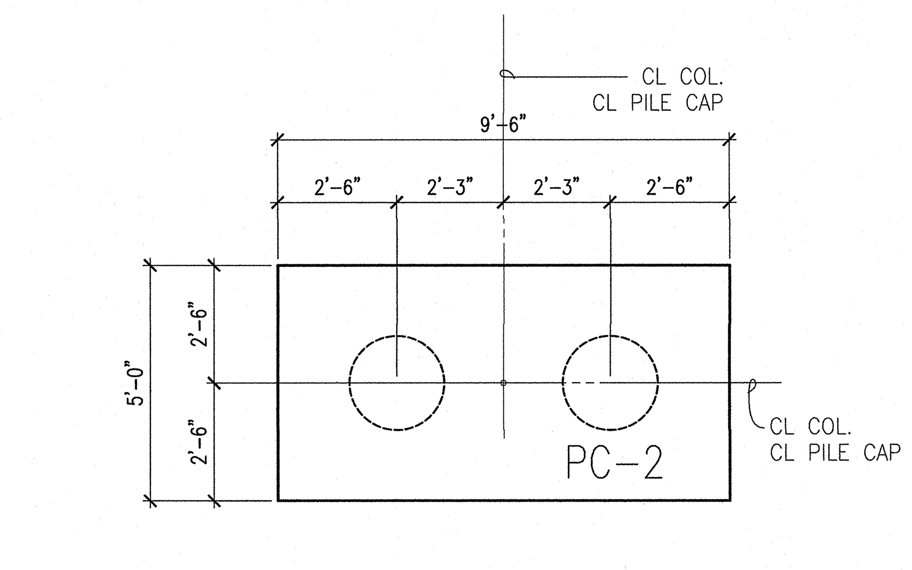
SHEET NO.
S301



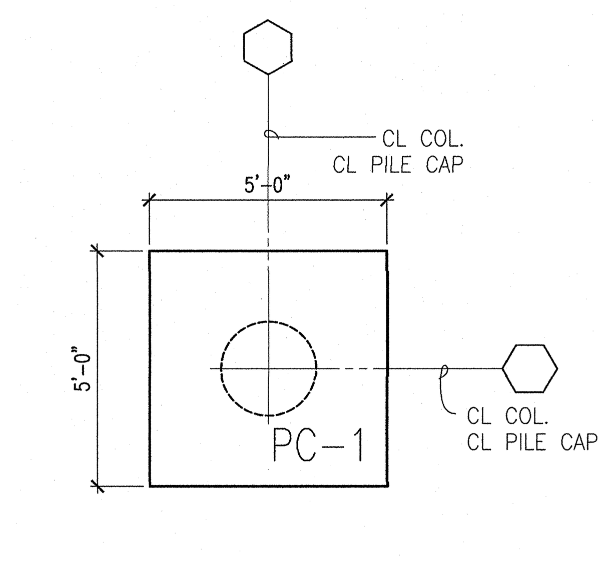
4 PILE CAP TYPE (PC-2B)
SCALE : 3/8" = 1'-0"
GRAPHIC SCALE 0 6" 1' 2' 3' 4'



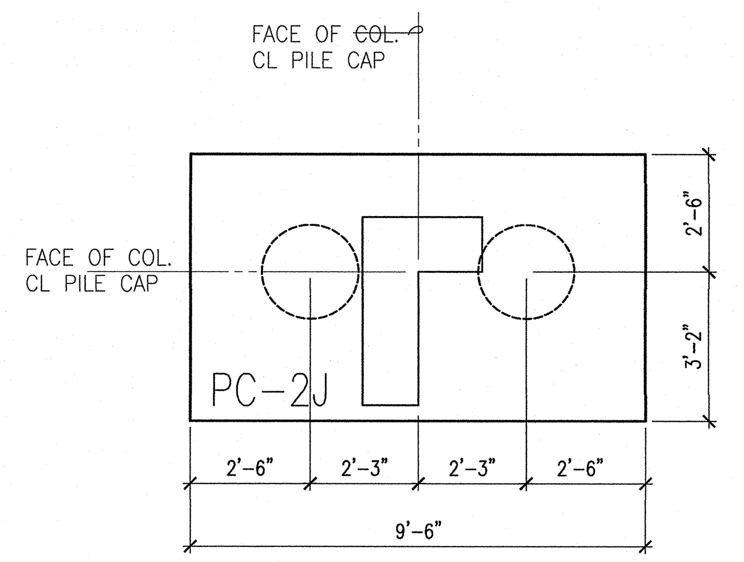
3 PILE CAP TYPE (PC-2A)
SCALE : 3/8" = 1'-0"
GRAPHIC SCALE 0 6" 1' 2' 3' 4'



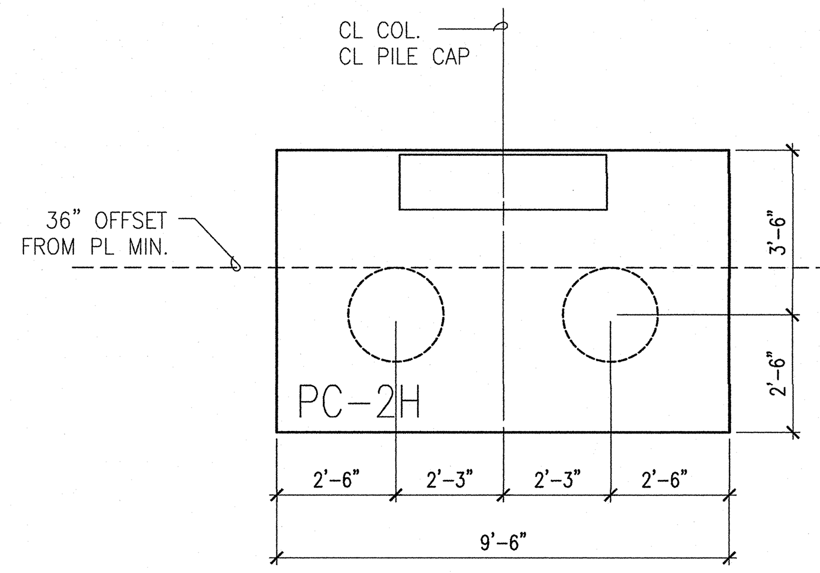
2 PILE CAP TYPE (PC-2)
SCALE : 3/8" = 1'-0"
GRAPHIC SCALE 0 6" 1' 2' 3' 4'



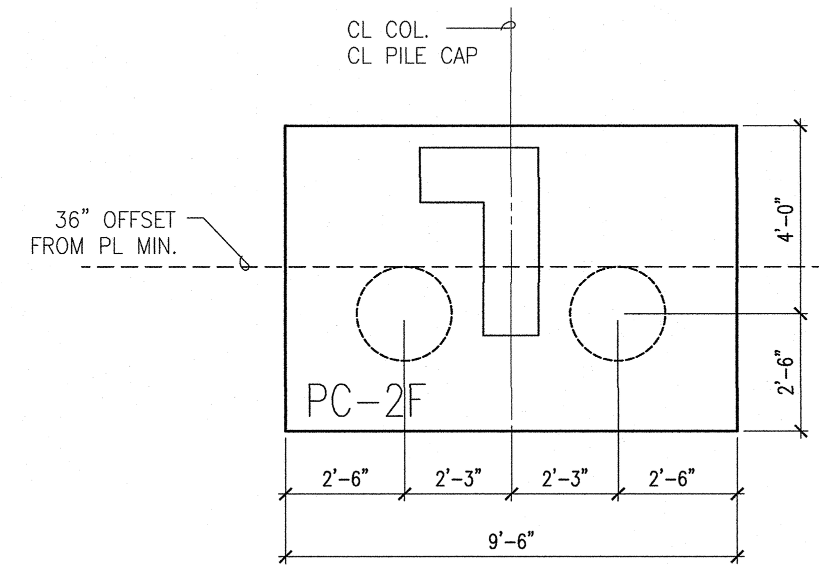
1 PILE CAP TYPE (PC-1)
SCALE : 3/8" = 1'-0"
GRAPHIC SCALE 0 6" 1' 2' 3' 4'



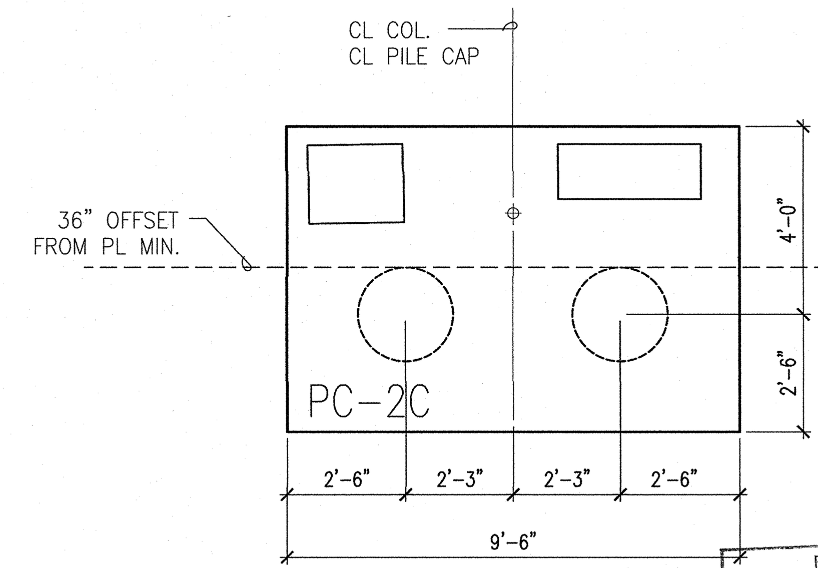
8 PILE CAP TYPE (PC-2J)
SCALE : 3/8" = 1'-0"
GRAPHIC SCALE 0 6" 1' 2' 3' 4'



7 PILE CAP TYPE (PC-2H)
SCALE : 3/8" = 1'-0"
GRAPHIC SCALE 0 6" 1' 2' 3' 4'

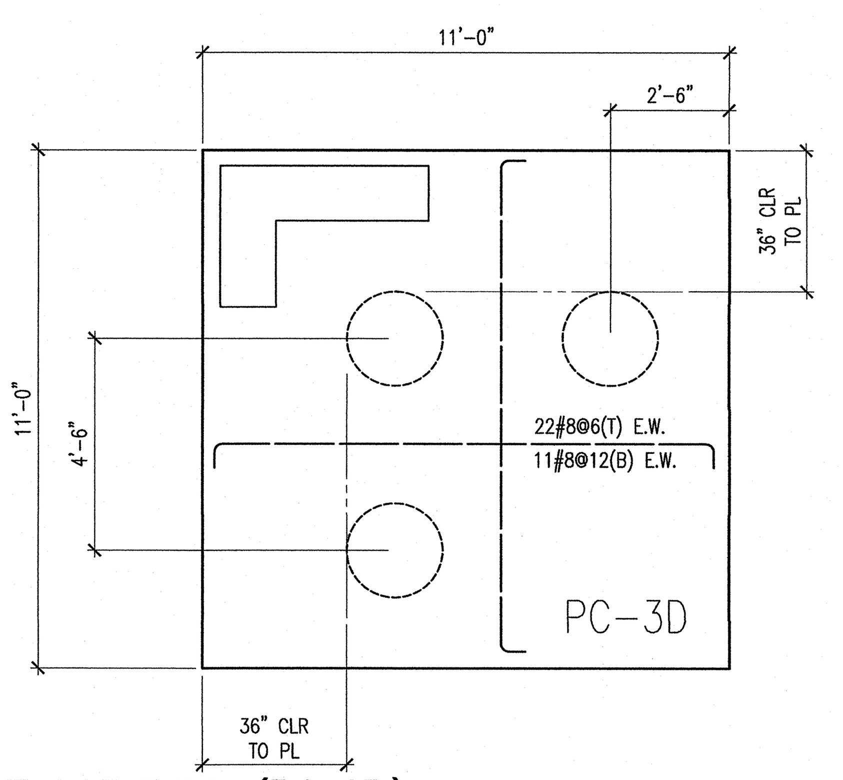


6 PILE CAP TYPE (PC-2F)
SCALE : 3/8" = 1'-0"
GRAPHIC SCALE 0 6" 1' 2' 3' 4'

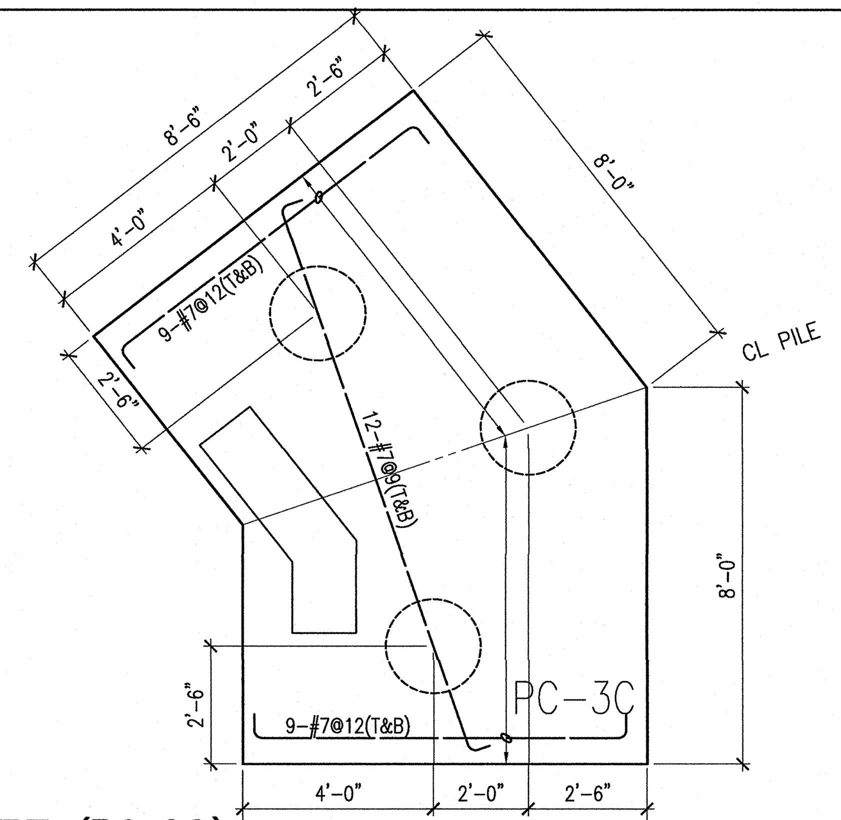


PALEKANA PERMITS
THIRD PARTY CERTIFICATION
☐ Bldg. Code ☐ Elec. Code
☐ Mech. Code ☐ ZPRB (Land Use Ordinance)
☐ Structural (Non-Single/2-Family Dwellings)

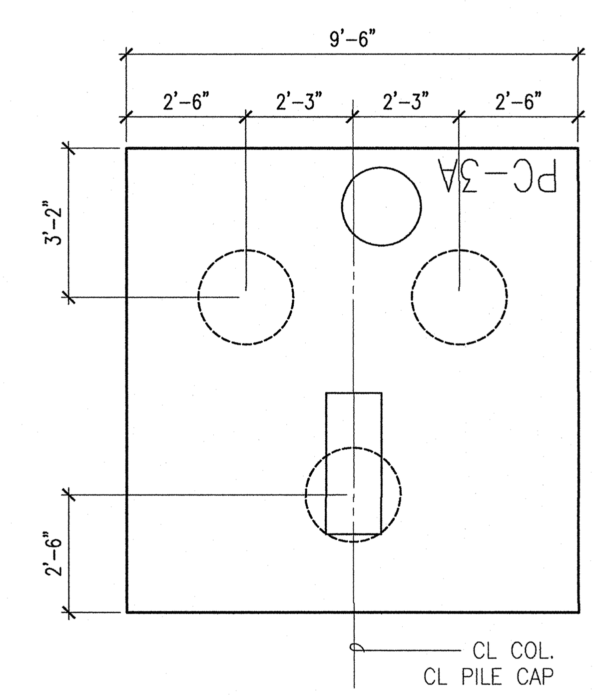
5 PILE CAP TYPE (PC-2C)
SCALE : 3/8" = 1'-0"
GRAPHIC SCALE 0 6" 1' 2' 3' 4'



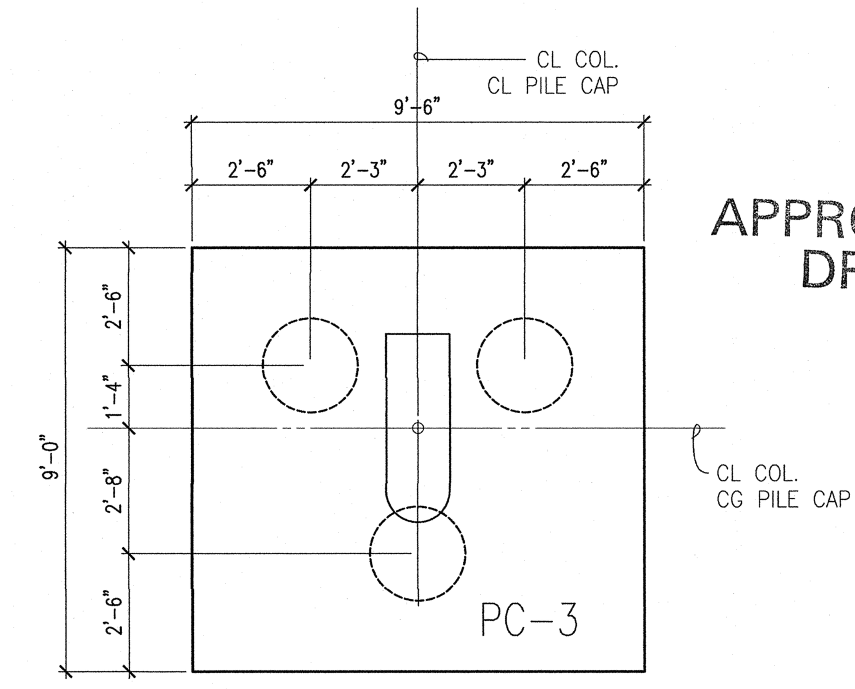
12 PILE CAP TYPE (PC-3D)
SCALE : 3/8" = 1'-0"
GRAPHIC SCALE 0 6" 1' 2' 3' 4'



11 PILE CAP TYPE (PC-3C)
SCALE : 3/8" = 1'-0"
GRAPHIC SCALE 0 6" 1' 2' 3' 4'



10 PILE CAP TYPE (PC-3A)
SCALE : 3/8" = 1'-0"
GRAPHIC SCALE 0 6" 1' 2' 3' 4'



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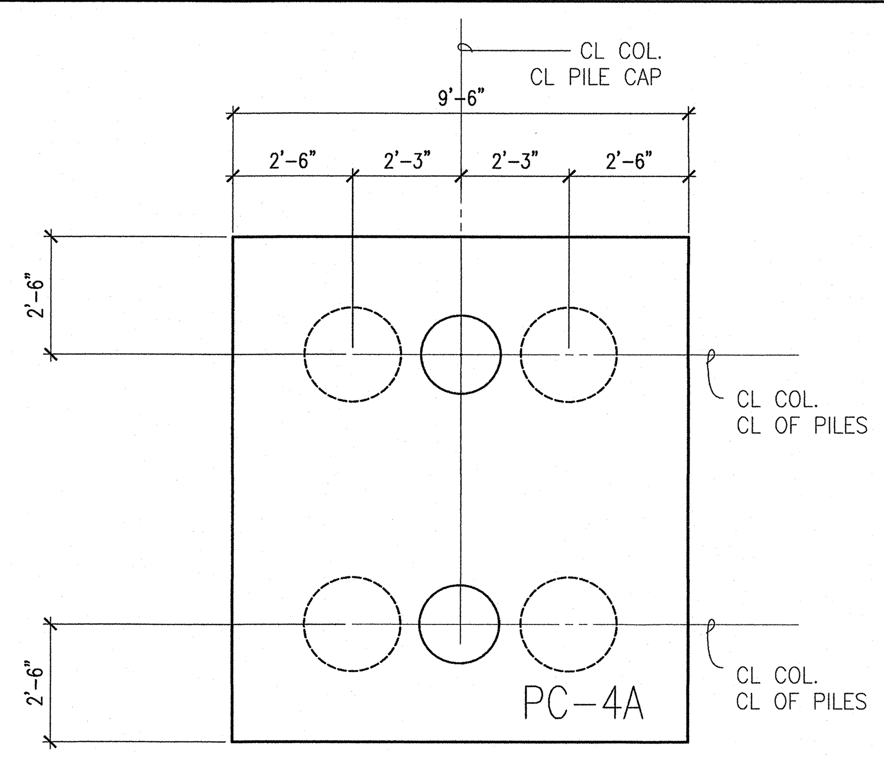
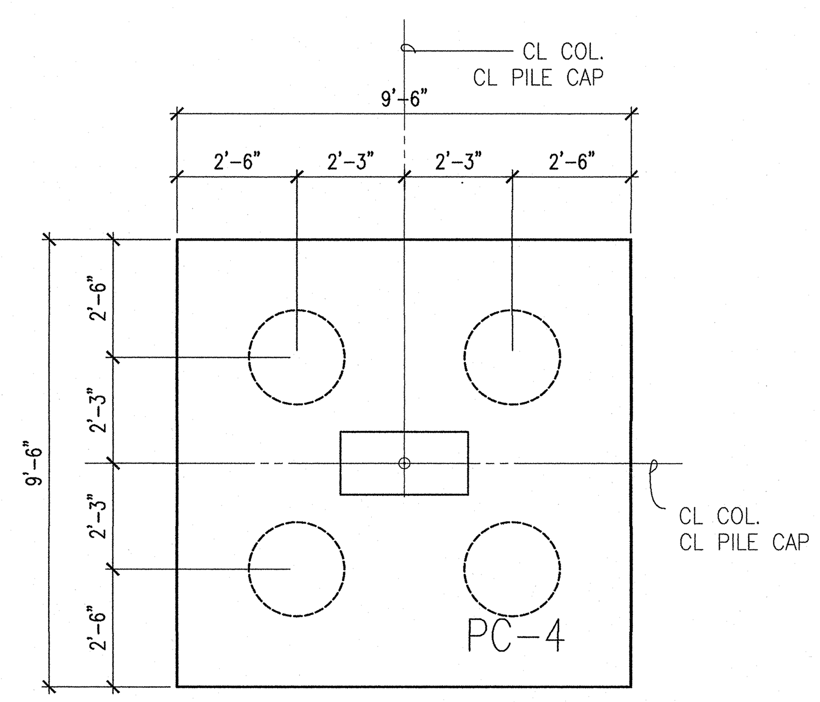
DPP

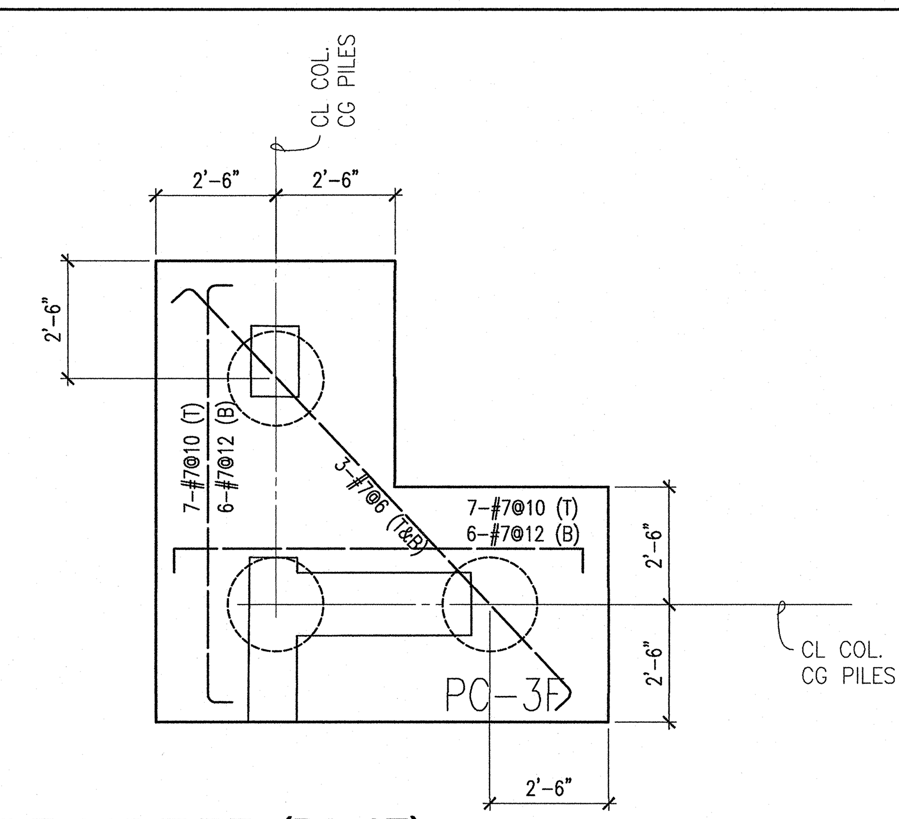
9 PILE CAP TYPE (PC-3)
SCALE : 3/8" = 1'-0"
GRAPHIC SCALE 0 6" 1' 2' 3' 4'



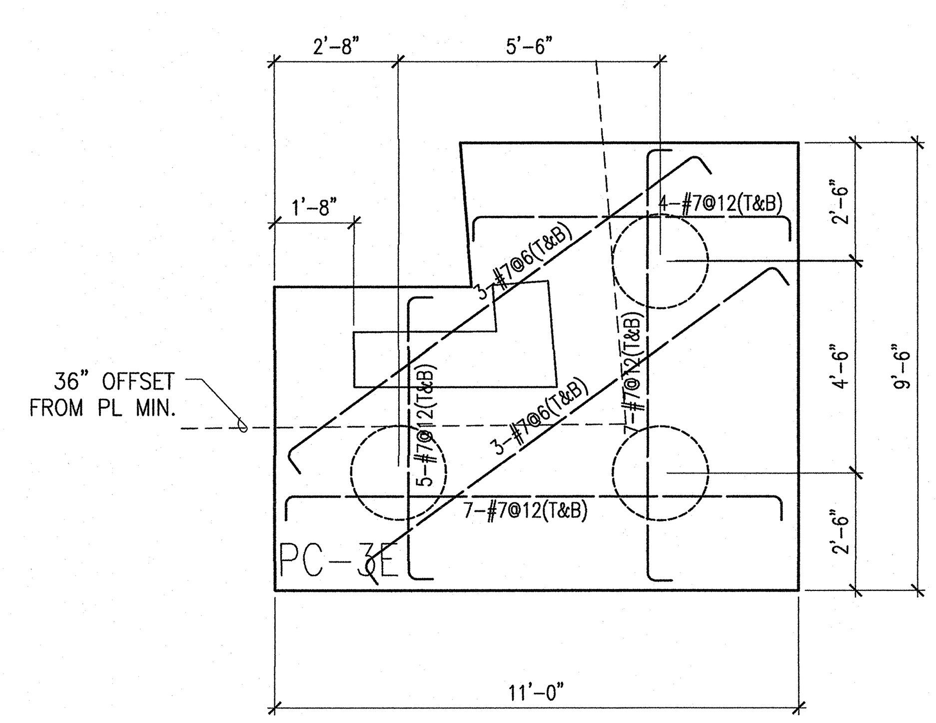
16 PILE CAP TYPE (PC-4A)
SCALE : 3/8" = 1'-0"
GRAPHIC SCALE 0 6" 1' 2' 3' 4'



15 PILE CAP TYPE (PC-4)
SCALE : 3/8" = 1'-0"
GRAPHIC SCALE 0 6" 1' 2' 3' 4'



14 PILE CAP TYPE (PC-3F)
SCALE : 3/8" = 1'-0"
GRAPHIC SCALE 0 6" 1' 2' 3' 4'



13 PILE CAP TYPE (PC-3E)
SCALE : 3/8" = 1'-0"
GRAPHIC SCALE 0 6" 1' 2' 3' 4'

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JOHN S. ALLISON
LICENSED PROFESSIONAL ENGINEER
No. 5933-S
HAWAII, U.S.A.
Signature
Expiration Date: 4/30/2018

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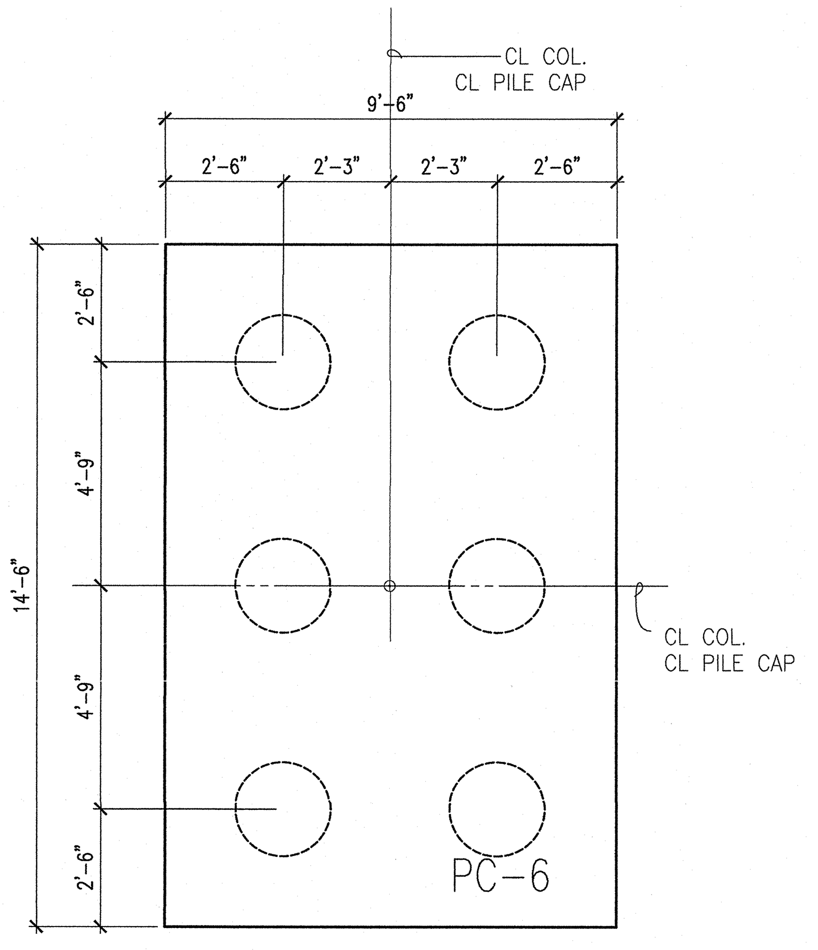
APRIL 13, 2018
AISE JOB No 17001.TD

2000 00-00	

SHEET TITLE
PILE CAP TYPES

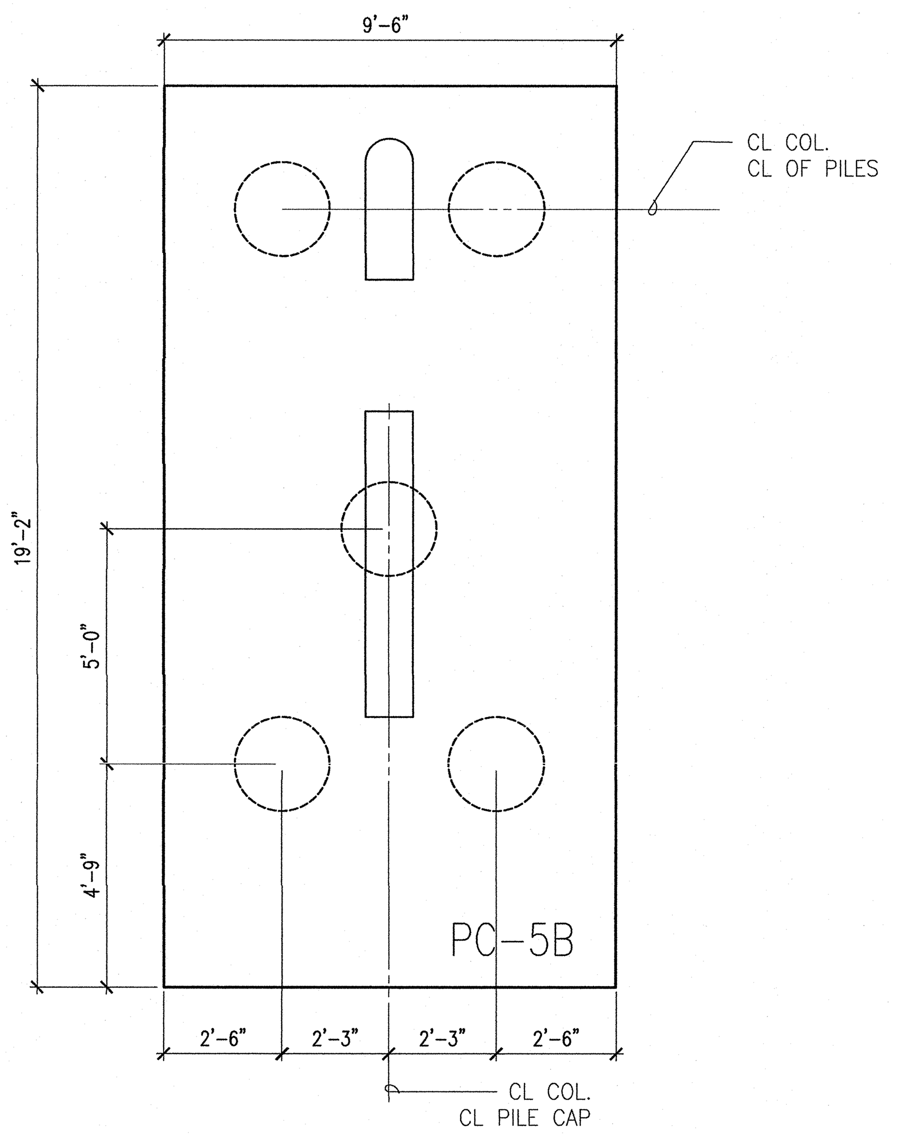
SHEET NO.
S302



20 PILE CAP TYPE (PC-6)

SCALE : 3/8" = 1'-0"

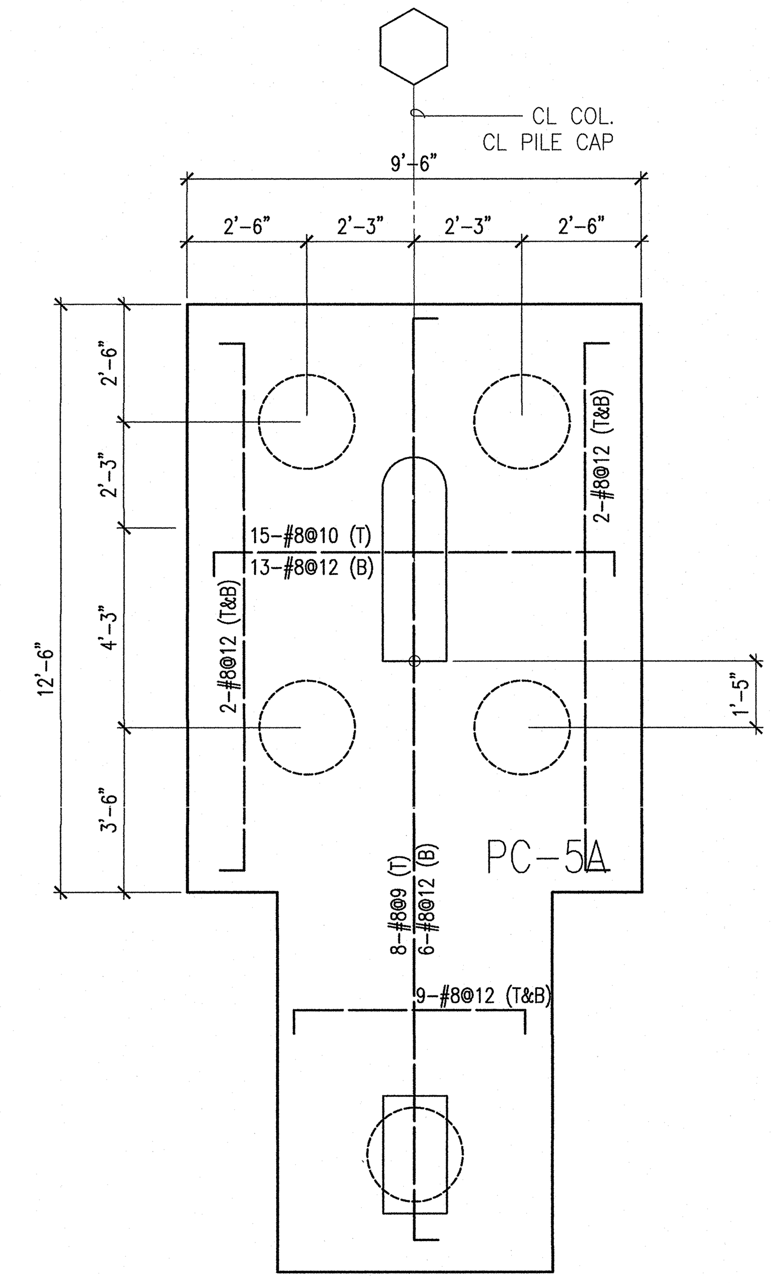
GRAPHIC SCALE 0 6" 1' 2' 3' 4'



19 PILE CAP TYPE (PC-5B)

SCALE : 3/8" = 1'-0"

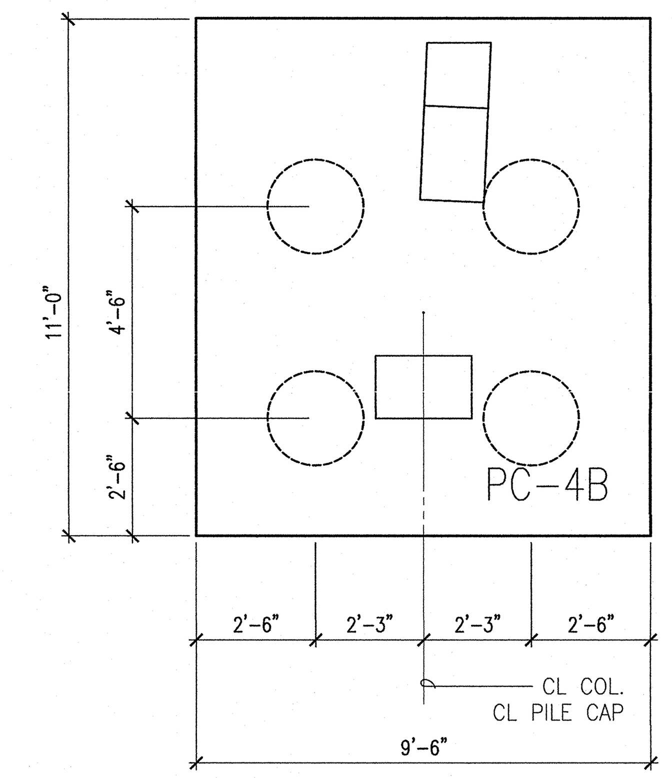
GRAPHIC SCALE 0 6" 1' 2' 3' 4'



18 PILE CAP TYPE (PC-5A)

SCALE : 3/8" = 1'-0"

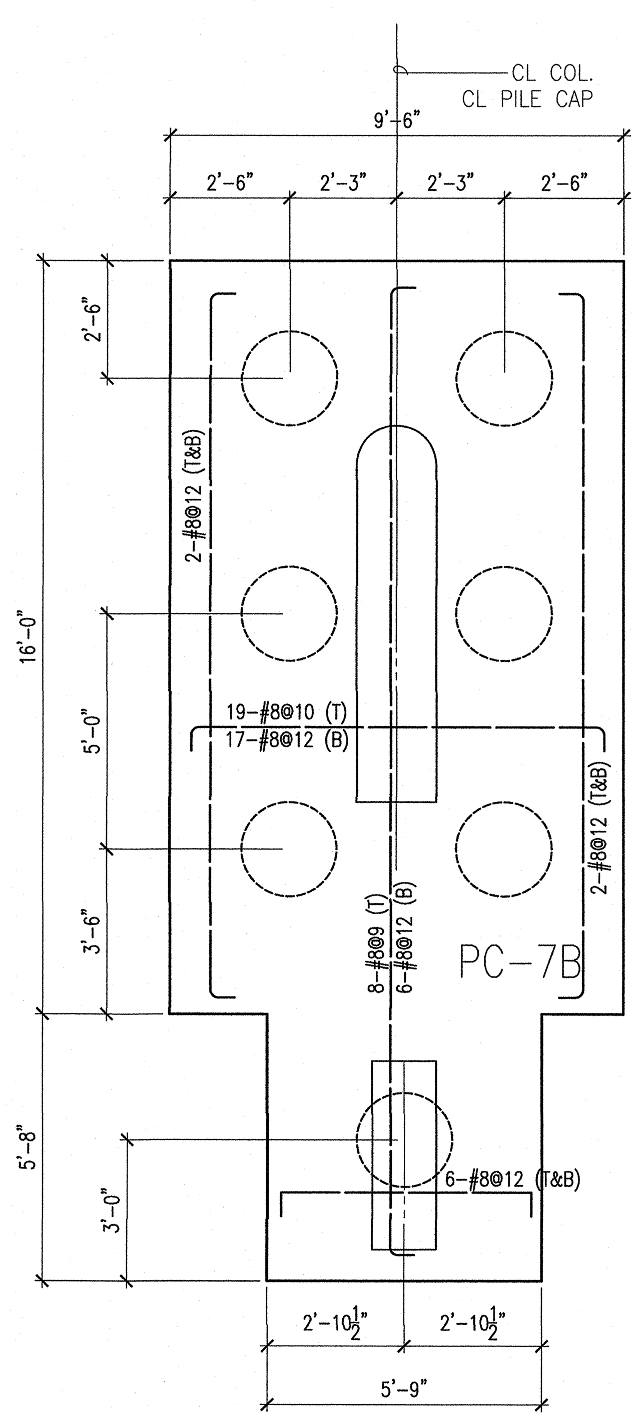
GRAPHIC SCALE 0 6" 1' 2' 3' 4'



17 PILE CAP TYPE (PC-4B)

SCALE : 3/8" = 1'-0"

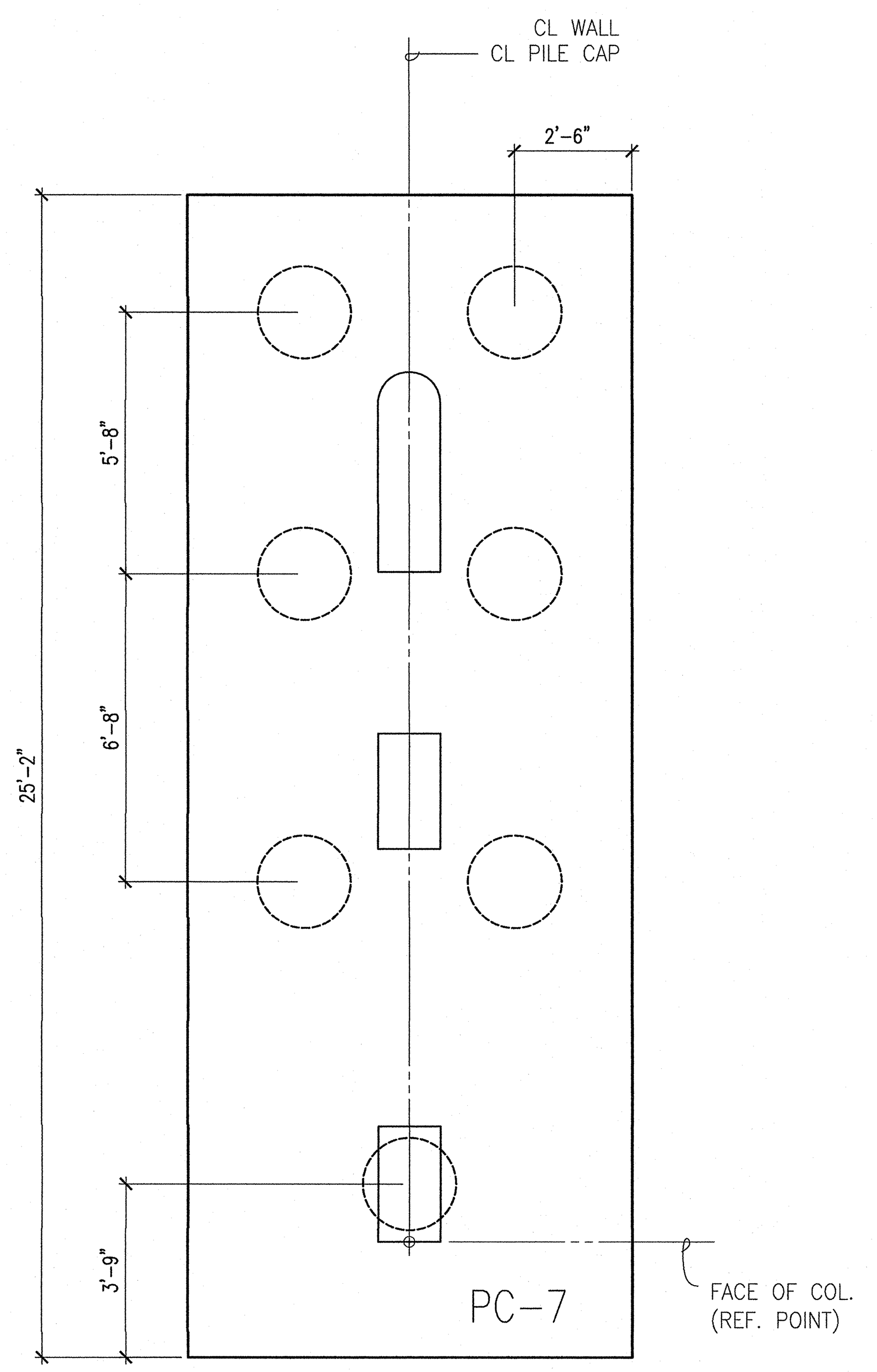
GRAPHIC SCALE 0 6" 1' 2' 3' 4'



24 PILE CAP TYPE (PC-7B)

SCALE : 3/8" = 1'-0"

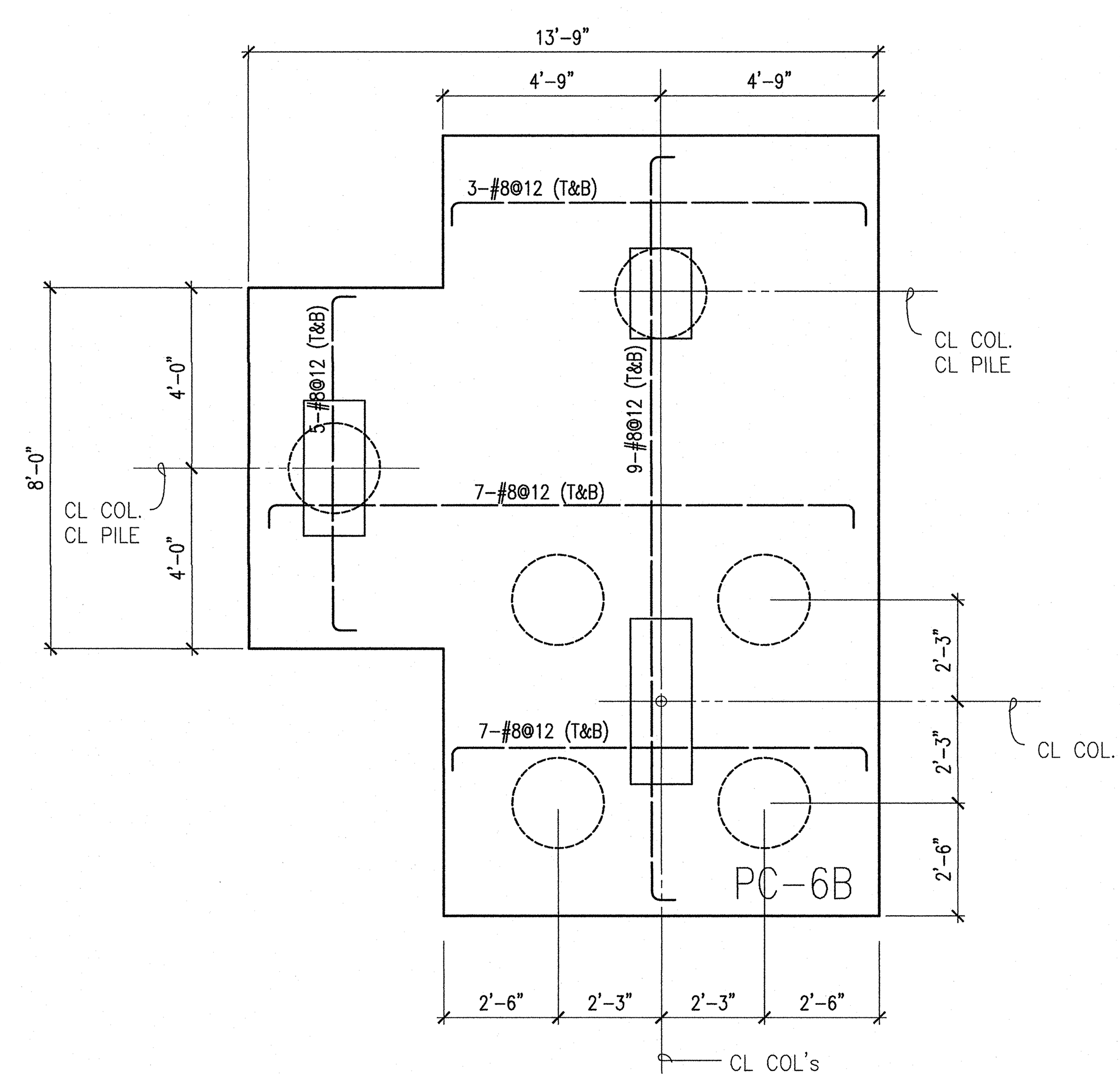
GRAPHIC SCALE 0 6" 1' 2' 3' 4'



23 PILE CAP TYPE (PC-7)

SCALE : 3/8" = 1'-0"

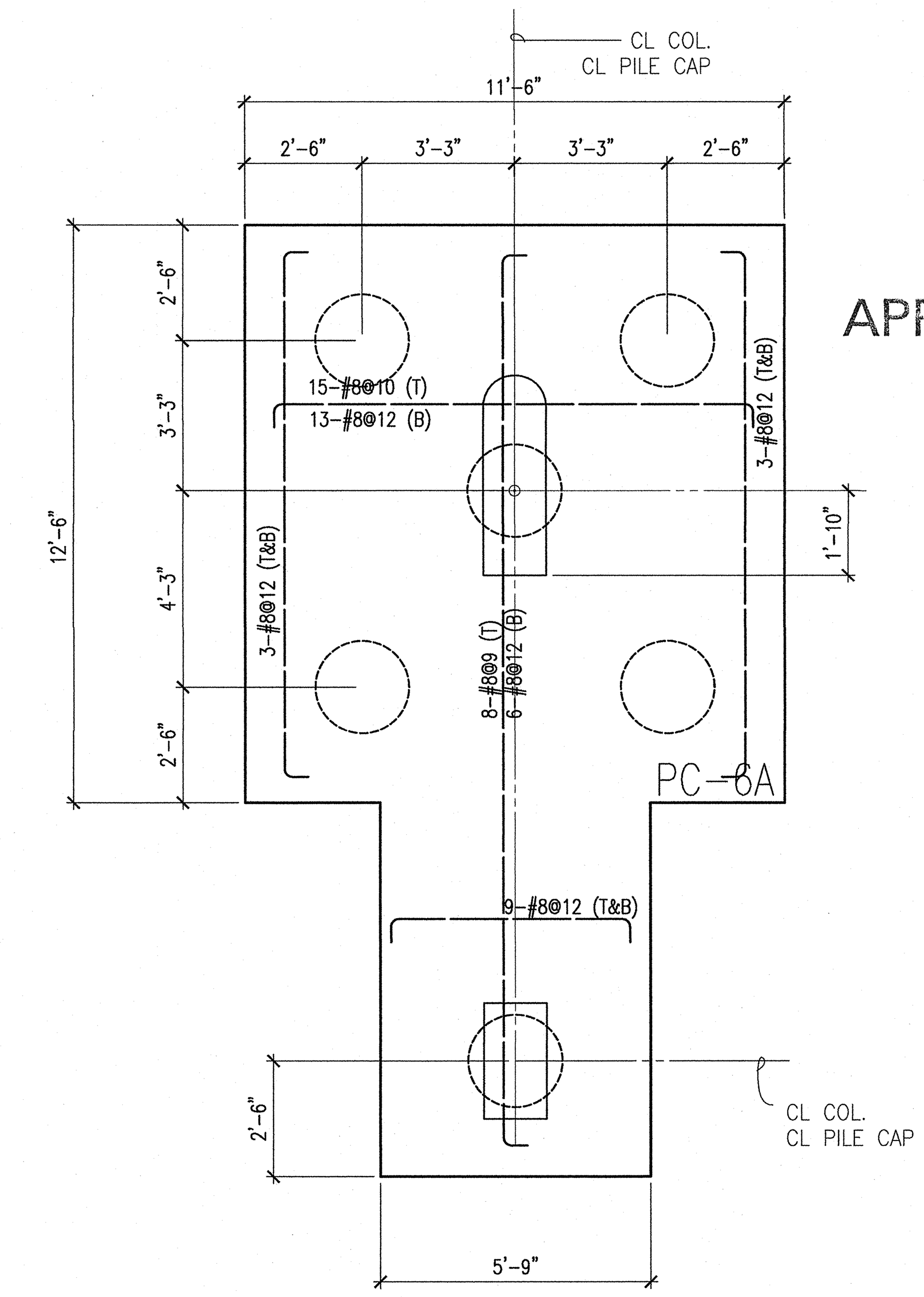
GRAPHIC SCALE 0 6" 1' 2' 3' 4'



22 PILE CAP TYPE (PC-6B)

SCALE : 3/8" = 1'-0"

GRAPHIC SCALE 0 6" 1' 2' 3' 4'



21 PILE CAP TYPE (PC-6A)

SCALE : 3/8" = 1'-0"

GRAPHIC SCALE 0 6" 1' 2' 3' 4'

PALEKANA PERMITS
THIRD PARTY CERTIFICATION
☐ Bldg. Code ☐ Elec. Code
☐ Mech. Code ☐ ZPRB (Land Use Ordinance)
☐ Structural (Non-Single/2-Family Dwellings)

APPROVED DPP

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johnallison@allisonide.com

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Signature
Expiration Date: 4/30/2018

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APRIL 13, 2018
AISE JOB No 17001.TD

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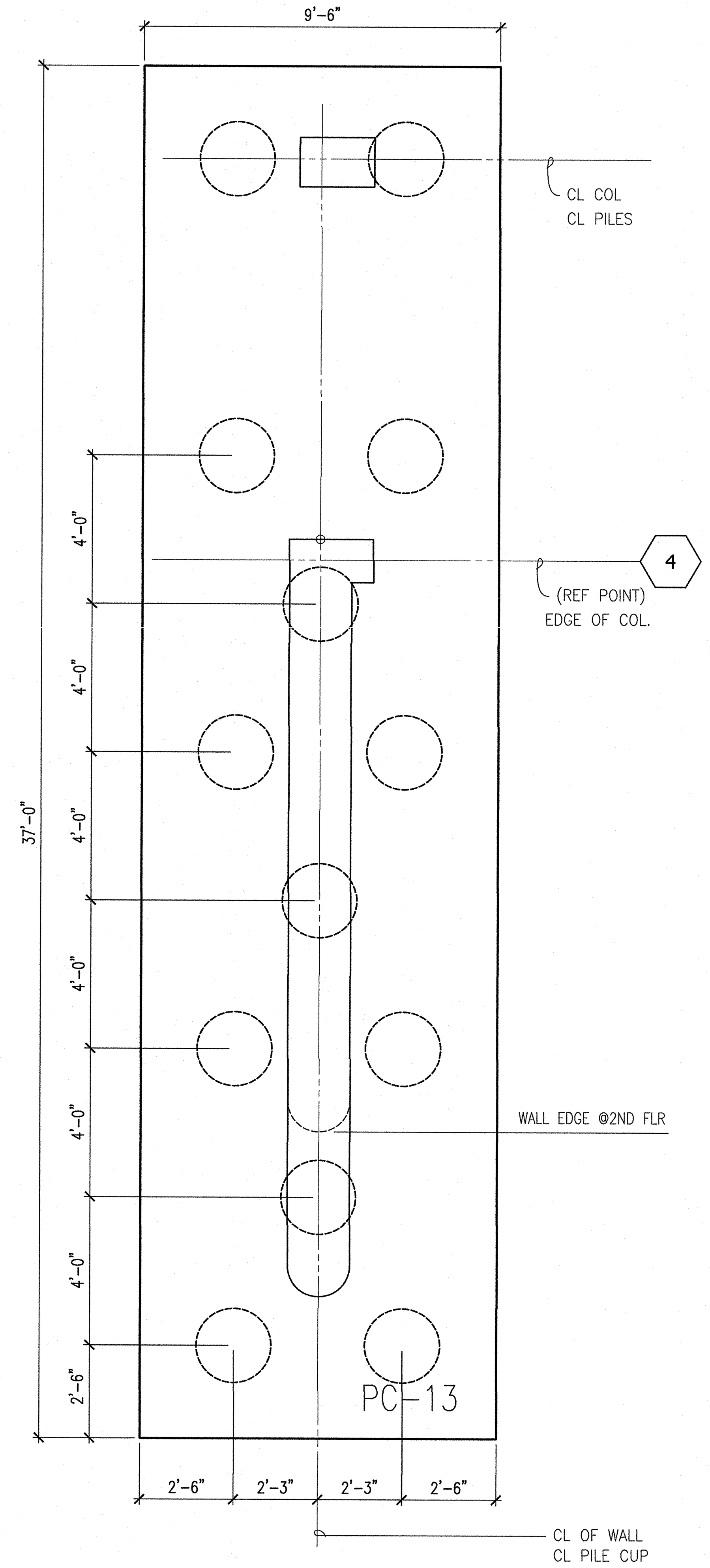
SHEET TITLE
PILE CAP TYPES

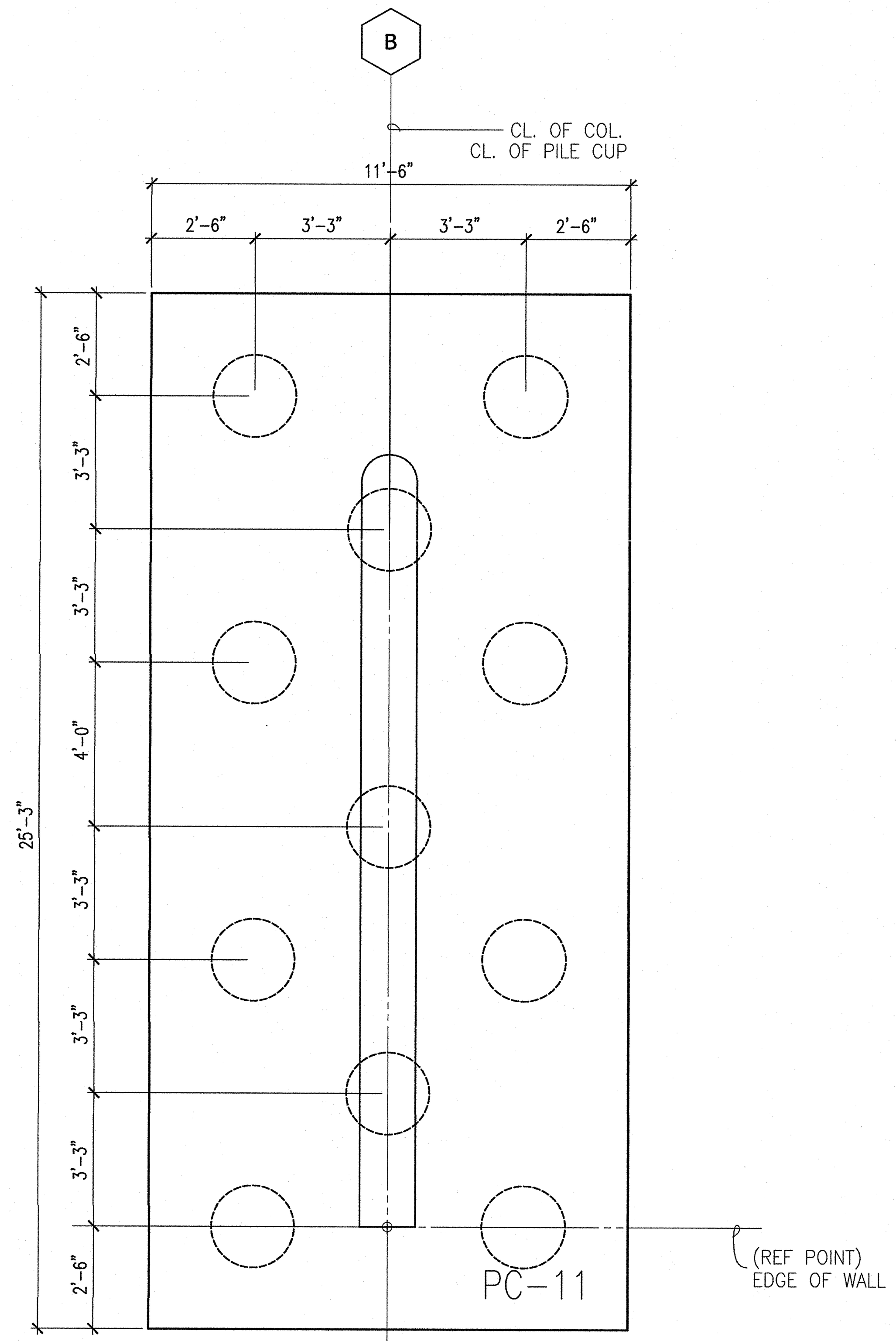
SHEET NO.
S303



26 PILE CAP TYPE (PC-13)

SCALE : 3/8" = 1'-0"

GRAPHIC SCALE



25 PILE CAP TYPE (PC-11)

SCALE : 3/8" = 1'-0"

GRAPHIC SCALE

PALEKANA PERMITS
THIRD PARTY CERTIFICATION
☐ Bldg. Code ☐ Elec. Code
☐ Mech. Code ☐ ZPRB (Land Use Ordinance)
☐ Structural (Non-Single/2-Family Dwellings)

APPROVED
DPP

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APRIL 13, 2018
AISE JOB No 17001.TD

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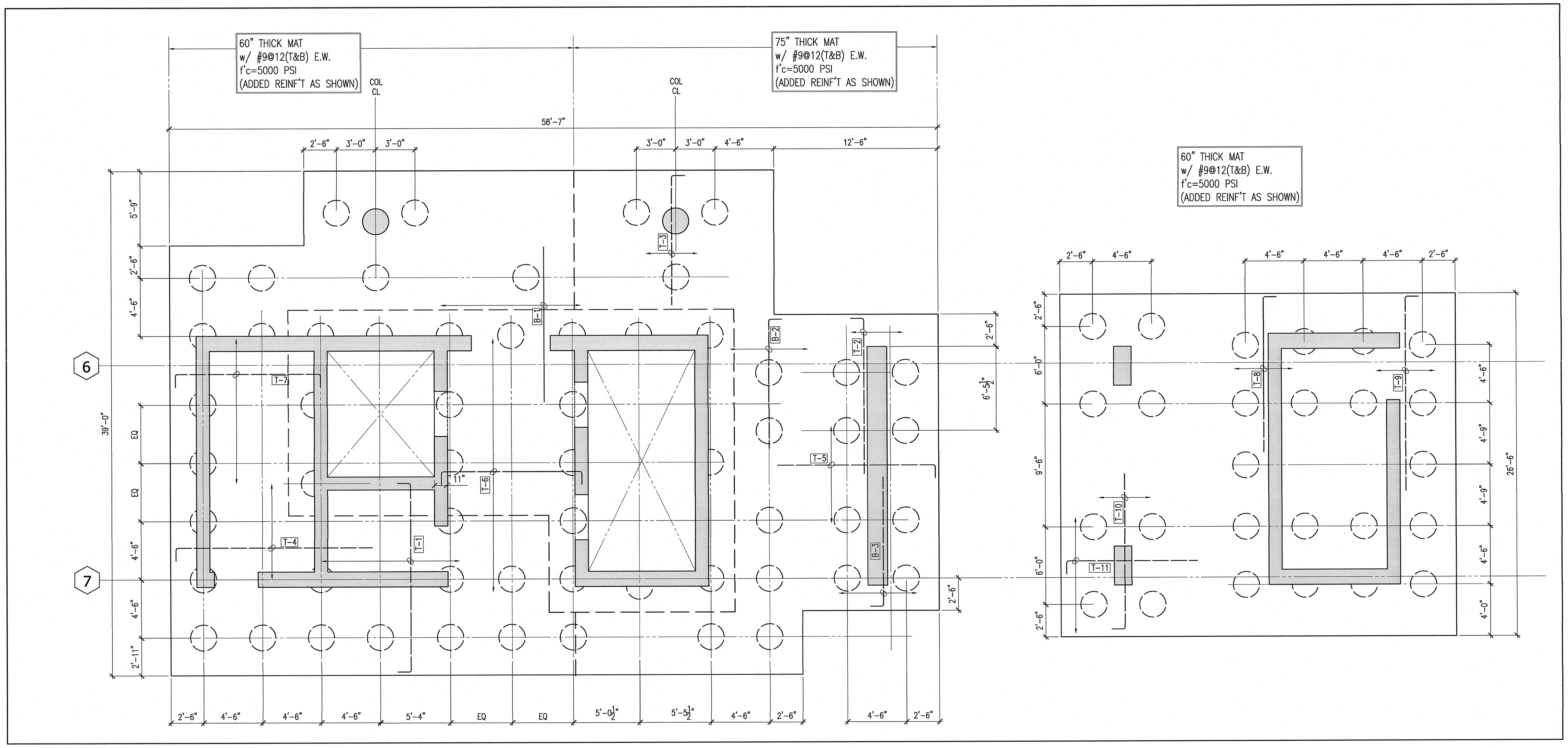
SHEET TITLE

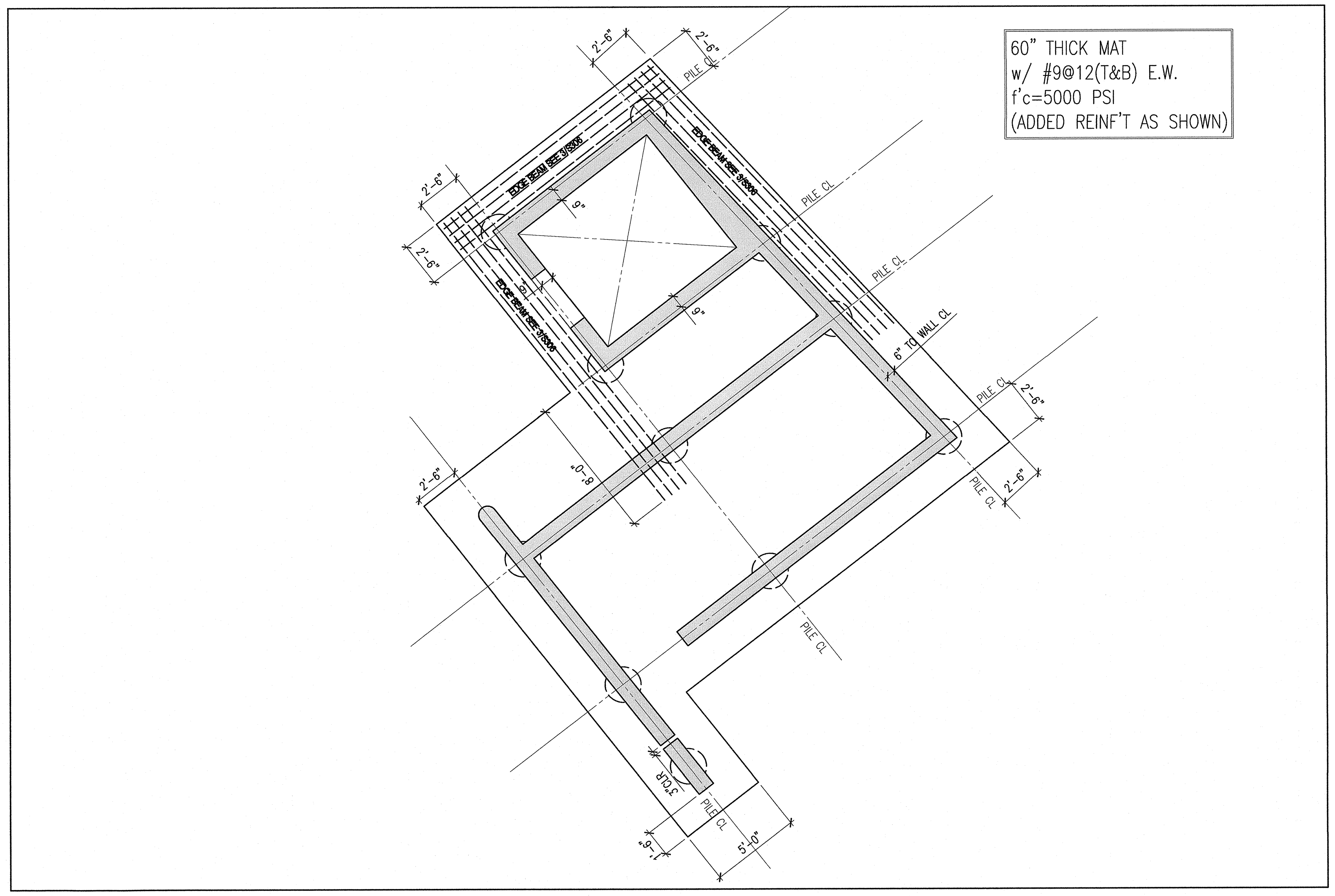
PILE CAP TYPES

SHEET NO.

S304



1 PILE - MAT AT CORES PLAN
SCALE 1/4" = 1'-0"



2 PILE-MAT STAIR 3 PLAN
SCALE 1/4" = 1'-0"

ADDED BARS:		LENGTH (H):
T-1	10#9(T)@12	
T-2	5#9(T)@12	12'-0"
T-3	3#9(T)@12	
T-4	7#9(T)@12	15'-0"
T-5	6#9(T)@18	12'-0"
T-6	13#9(T)@18	
T-7	7#9(T)@18	
T-8	7#9(T)@9	
T-9	7#9(T)@9	15'-0"
T-10	5#9(T)@12	12'-0"
T-11	10#9(T)@12	10'-0"
B-1	6#9(T)@18	12'-0"
B-2	5#9(T)@18	10'-0"
B-3	4#9(T)@18	10'-0"

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DPP

PALEHANA PERMITS
THIRD PARTY CERTIFICATION
☐ Bldg. Code ☐ Elec. Code
☐ Mech. Code ☐ ZPRU (Land Use Ordinance)
☐ Structural (Single-Family Dwellings)

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Expiration Date 4/30/2018

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APRIL 13, 2018
AISE JOB No 17001.TD

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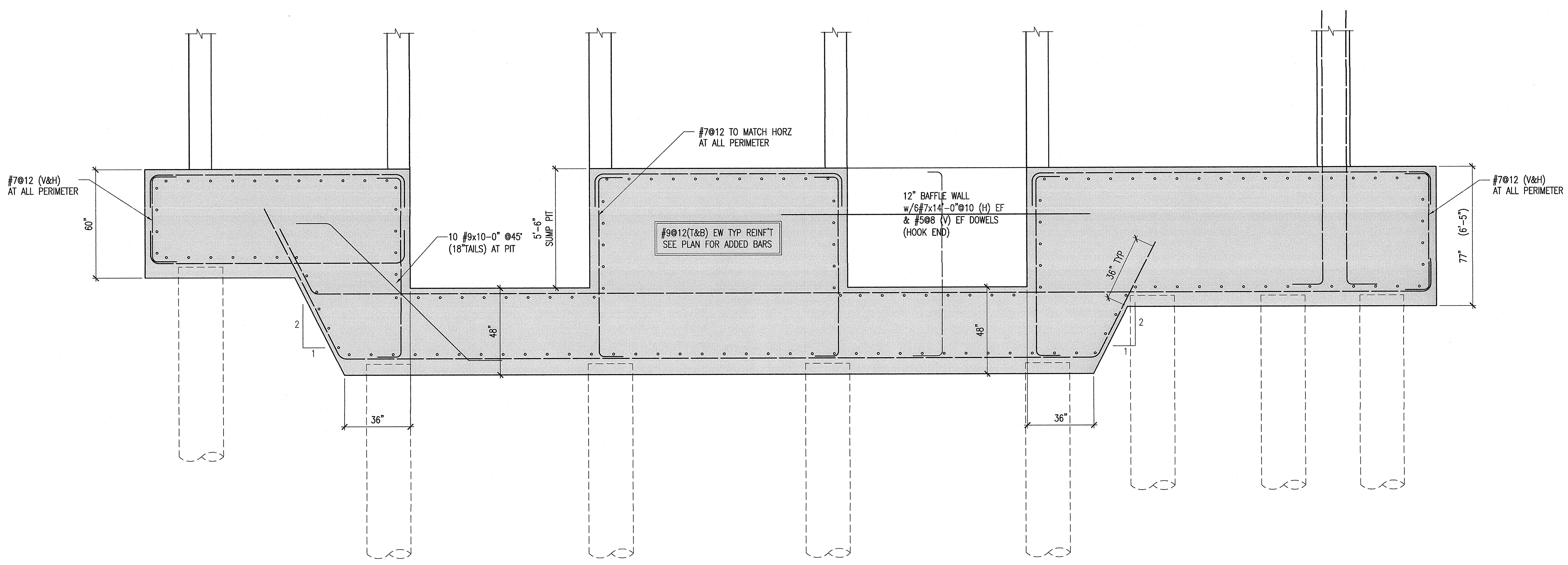
SHEET TITLE
MAT PILES PLAN

SHEET NO.
S305

P:\2017_JOBS\17001.TD Hawaii City Plaza TOD March 11 2018 home\Working DWG March 11 2018\SUBMITTAL\2018-04-12 FOUNDATION PERMIT\CAD DWG FND PERMIT\17001.TD S301-S305-306 Pile Pilecap Sched and MAT FND.dwg, 4/13/2018 2:20:53 PM, Sean and Sarah, Adobe PDF.pc3

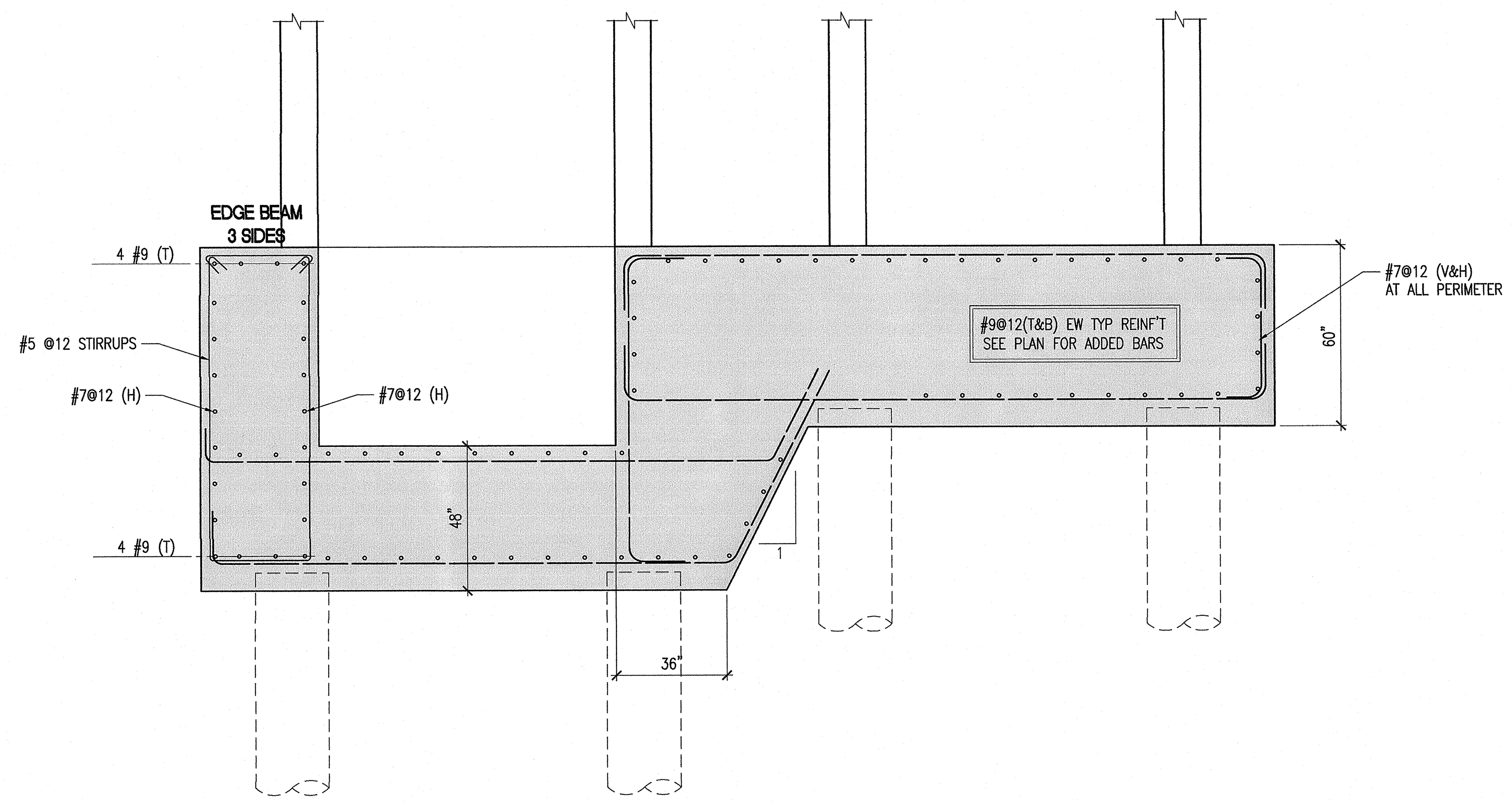


1 PILECAP SECTION

SCALE : 3/8" = 1'-0"

GRAPHIC SCALE

0 6" 1' 2' 3' 4'



3 PILECAP SECTION

SCALE : 3/8" = 1'-0"

GRAPHIC SCALE

0 6" 1' 2' 3' 4'

PALEKANA PERMITS
THIRD PARTY CERTIFICATION
☐ Bldg. Code ☐ Elec. Code
☐ Mech. Code ☐ ZPRA (Land Use Ordinance)
☐ Structural (Non-Single/2 Family Dwellings)

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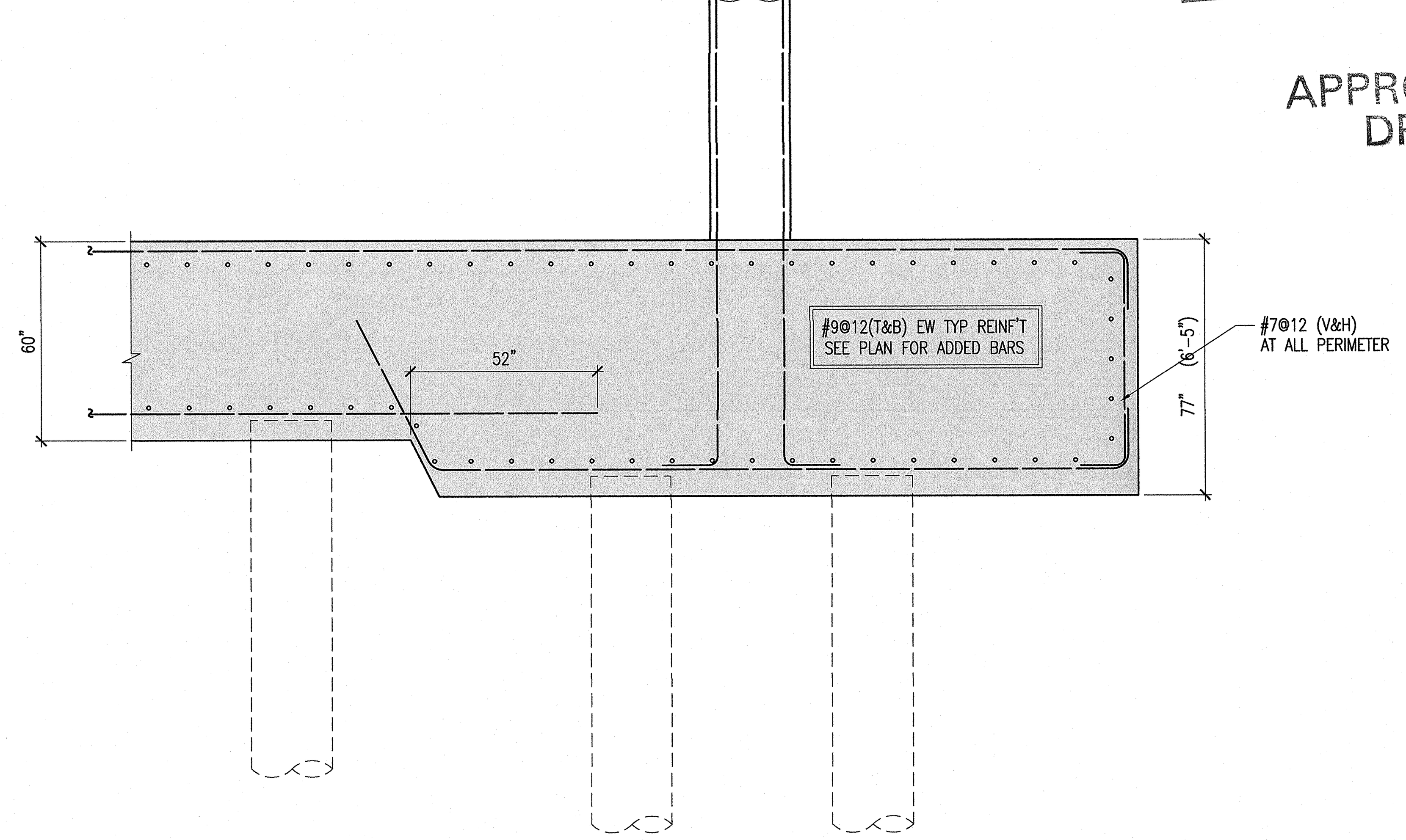

2 PILECAP SECTION

SCALE : 3/8" = 1'-0"

GRAPHIC SCALE

0 6" 1' 2' 3' 4'

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Signature
Expiration Date: 4/30/2018

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APRIL 13, 2018
AISE JOB No 17001.TD

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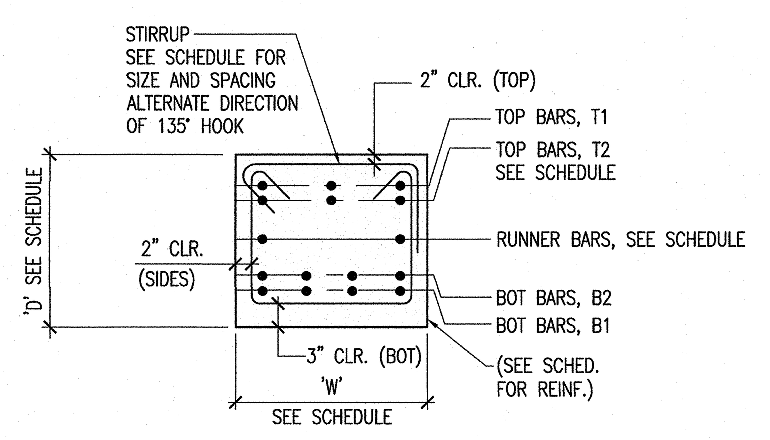
SHEET TITLE

MAT SECTIONS

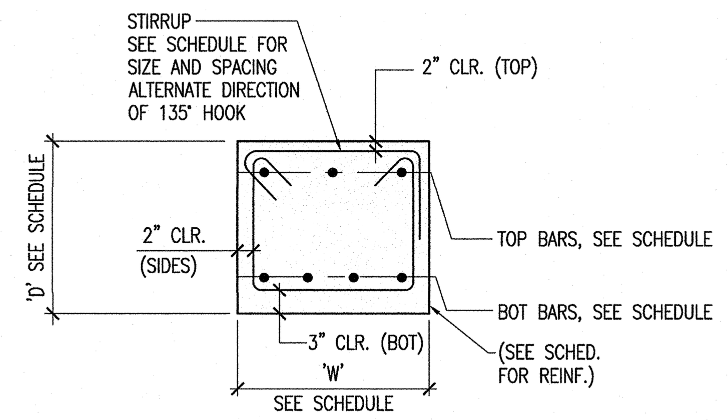
SHEET NO.

S306



NOTES:
1. SEE 2,3,4,5,6,7/S311 FOR OTHER TYPICAL BEAM DETAILS.
2. USE DOUBLE STIRRUPS FOR GRADE BEAMS WIDER THAN 30"

3 GRADE BEAM SECTION
NOT TO SCALE



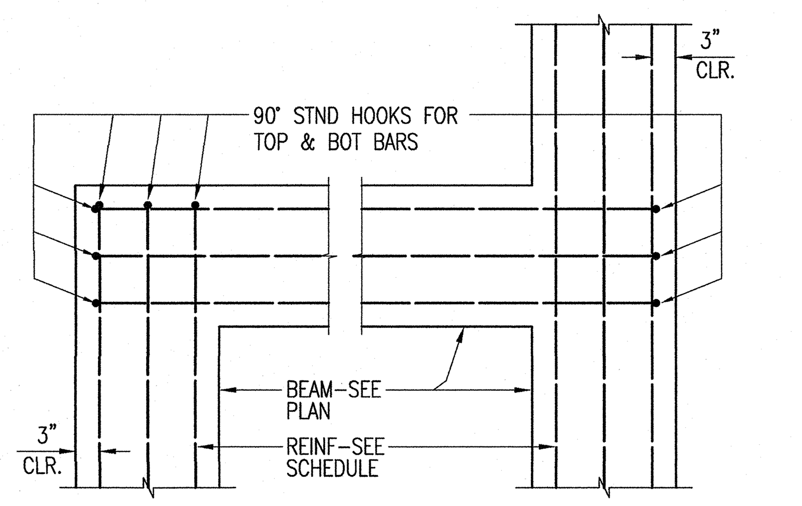
NOTES:
1. SEE 2,3,4,5,6,7/S311 FOR OTHER TYPICAL BEAM DETAILS.

2 TIE BEAM SECTION
NOT TO SCALE

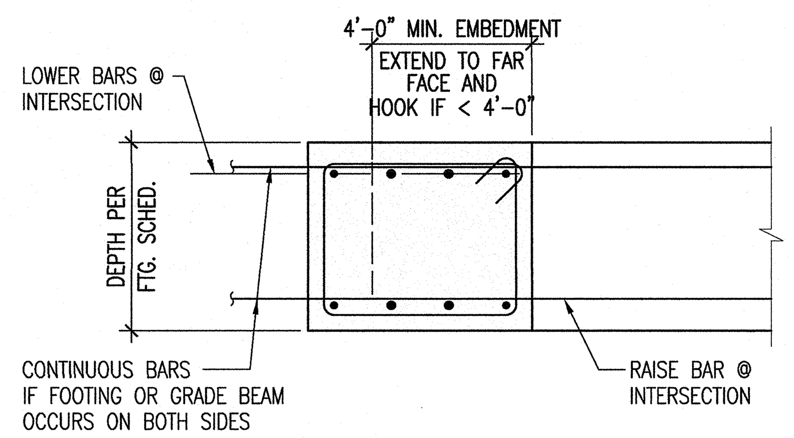
MARK	DIMENSION		LONGITUDINAL BARS (TOP & BOT) SEE NOTE '4' FOR RUNNER BARS		STIRRUPS		REFERENCE DETAIL	REMARKS
	W	D	TOP BARS	BOTTOM BARS	SIZE	SPACING		
TB–1	18"	18"	3–#6 CONT.	3–#6 CONT.	#3	10"	2/S311	
GB–1	24"	24"	4–#8 CONT.	4–#8 CONT.	#4	10"	3/S311	1–#5 CONT. RUNNER BARS EA. SIDE FACE
GB–2	24"	28"	8–#8 CONT.	4–#8 CONT.	SEE 4/S313		3/S311	1–#5 CONT. RUNNER BARS EA. SIDE FACE
GB–21	24"	30"	4–#8 CONT.	8–#8 CONT.	#4	12"	3/S311	1–#5 CONT. RUNNER BARS EA. SIDE FACE
GB–22	30"	36"	5–#8 CONT.	10–#8 CONT. (2 LAYERS)	#4	10"	3/S311	2–#5 CONT. RUNNER BARS EA. SIDE FACE
GB–22	30"	36"	6–#8 CONT.	8–#8 CONT. (2 LAYERS)	#4 STIRRUPS: 8@6", 4@8",BAL 12"		3/S311	2–#5 CONT. RUNNER BARS EA. SIDE FACE
GB–3	36"	38"	10–#8 CONT. (2 LAYERS)	5–#8 CONT.	SEE 3/S312		3/S311	DOUBLE STIRRUP 2–#5 CONT. RUNNER BARS EA. SIDE FACE
GB–31	36"	38"	10–#8 CONT. (2 LAYERS)	5–#8 CONT.	SEE 3/S312		3/S311	DOUBLE STIRRUP 2–#5 CONT. RUNNER BARS EA. SIDE FACE
GB–4	30"	40"	10–#9 CONT. (2 LAYERS)	5–#9 CONT.	SEE 1/S312		3/S311	2–#5 CONT. RUNNER BARS EA. SIDE FACE
GB–41	30"	40"	10–#9 CONT. (2 LAYERS)	5–#9 CONT.	SEE 1/S312		3/S311	2–#5 CONT. RUNNER BARS EA. SIDE FACE
GB–5	30"	42"	11–#9 CONT. (2 LAYERS)	5–#9 CONT.	SEE 1/S312 (SIMILAR)		3/S311	2–#5 CONT. RUNNER BARS EA. SIDE FACE
GB–51	30"	42"	11–#9 CONT. (2 LAYERS)	5–#9 CONT.	SEE 1/S312 (SIMILAR)		3/S311	2–#5 CONT. RUNNER BARS EA. SIDE FACE

NOTES:
1. EXTEND LONGITUDINAL BARS THRU PILE CAPS. WHERE GRADE / TIE BEAMS DO NOT GO THRU PILE CAP, RUN LONGITUDINAL BARS TO OPPOSITE FACE OF PILE CAP AND TERMINATE w/ STANDARD HOOK. SEE 1/S311
2. TOP LONGITUDINAL BARS MAY BE SPLICED AT MIDDLE 1/3 SPAN OF GRADE / TIE BEAM. BOTTOM LONGITUDINAL BARS MAY BE SPLICED ADJACENT TO FACE OF PILECAP.
3. START STIRRUPS AT FACE OF PILE CAPS.
4. FOR GRADE BMS DEEPER THAN 18", ADD #5 @ 12"(H) RUNNER BARS AT EA. FACE OF BM.
5. SEE DETAILS 1,2,3,4,5,6&7/S311 FOR TYPICAL GRADE/TIE BEAM DETAILS.,

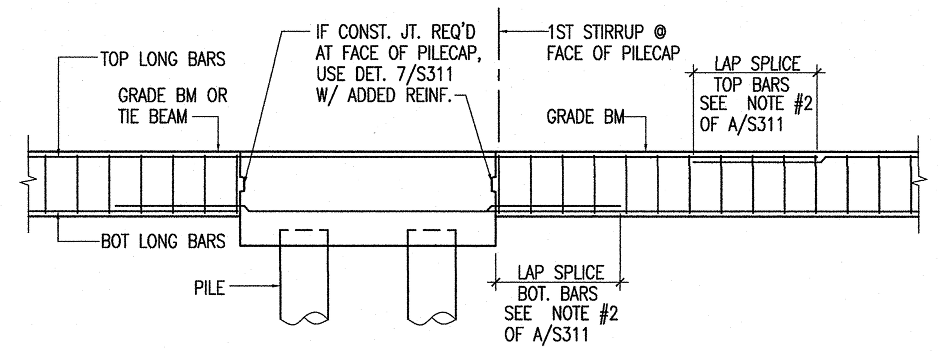
A GRADE BEAM AND TIE BEAM SCHEDULE
NOT TO SCALE



5 TYPICAL GRADE/TIE BEAM REINFORCING AT INTERSECTIONS - PLAN
NOT TO SCALE

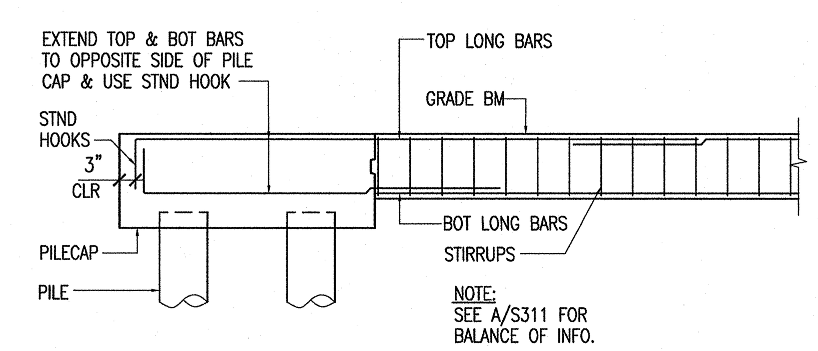


4 INTERSECTING TIE BM. OR GRADE BM. DETAIL
NOT TO SCALE

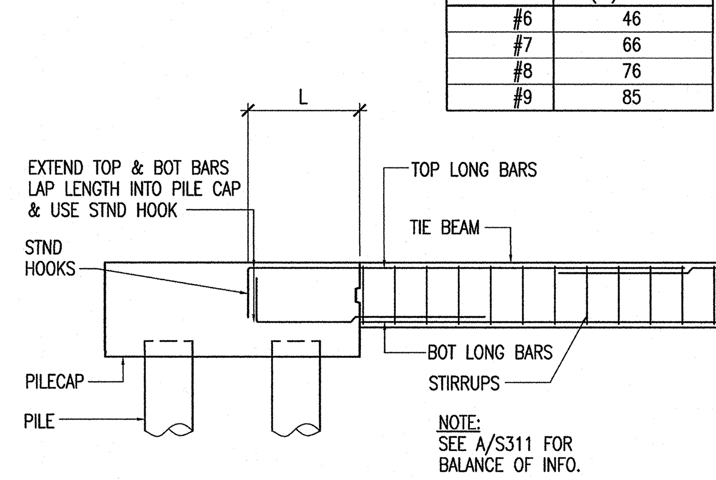


1A SECTION (GRADE BEAM (ON BOTH SIDES OF PILECAP)

BAR SIZE	TENSION LAP SPLICE L (IN)
#6	46
#7	66
#8	76
#9	85



1B SECTION (GRADE BEAM (ON ONE SIDE OF PILECAP)

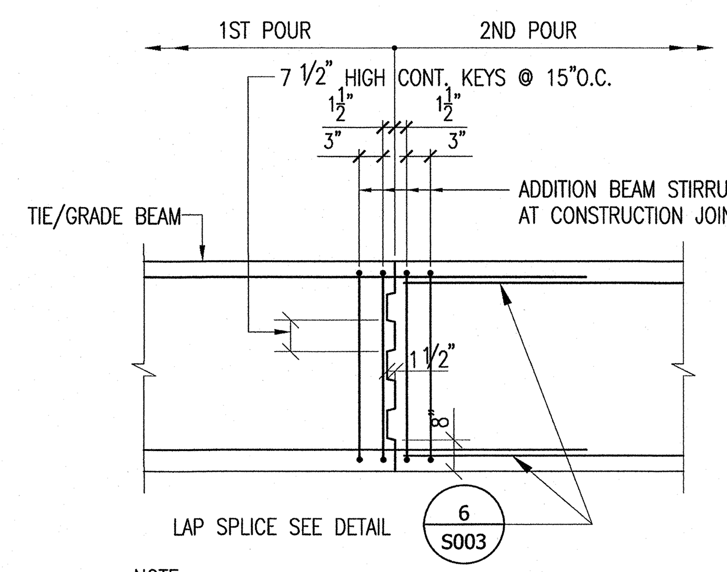


1C SECTION (TIE BEAM (ON ONE SIDE OF PILECAP)

1 GRADE/TIE BEAM TO PILE CAP CONNECTION
NOT TO SCALE

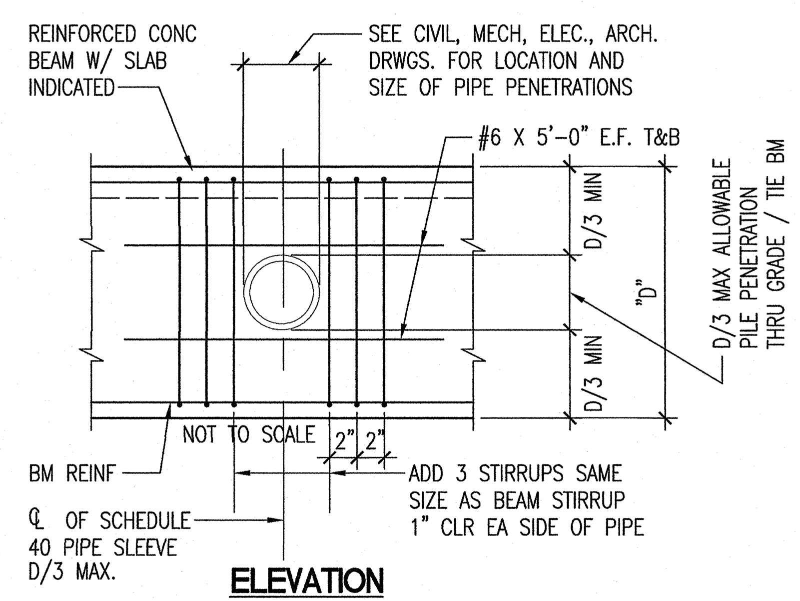
KAKAKO/KANA PERMITS
THIRD PARTY CERTIFICATION
☐ Bldg. Code ☐ Elec. Code
☐ Mech. Code ☐ ZPRD (Land Use Ordinance)
☐ Structural (Non-Single/2-Family Dwellings)

APPROVED
DPP



NOTE:
WHERE CONT. FOOTING IS UNDER A WALL, LOCATE CONSTRUCTION JOINT IN MIDDLE 1/3 OF THE CLEAR OPENING WIDTH ABOVE, OR IN MIDDLE 1/3 OF THE DISTANCE BETWEEN COLUMNS.

7 TIE BEAM OR GRADE BEAM CONSTRUCTION JOINT



ELEVATION

NOTE: PENETRATIONS THRU BEAMS MUST BE SHOWN ON REBAR SHOP DRAWINGS; (NO EXCEPTIONS).

6 PIPE PENETRATION THRU GRADE / TIE BEAMS
NOT TO SCALE

ALLISON IDE
STRUCTURAL ENGINEERS LLC
900 Fort Street Mall Suite 1670
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johnallison@allisonide.com

JOHN S. ALLISON
LICENSED PROFESSIONAL ENGINEER
No. 5933-S
HAWAII, U.S.A.

Signature
Expiration Date: 4/30/2018

This work was prepared by me or under my supervision. Construction of this project will be under my observation. Observation as defined in Section 16–115–2 of Hawaii Administrative Rules 9–12–02 Title 16, Chapter 115, Professional Engineers, Architects, Surveyors, and Landscape Architects.

DEVELOPER:
CALIFORNIA INVESTMENT REGIONAL CENTER, LLC

PROJECT OWNER:
HAWAII CITY PLAZA, LP

Hawaii City Plaza
Honolulu, Hawaii
710 Sheridan Street
TMK 2-3-014: Parcels 002, 004, & 011

APRIL 13, 2018
AISE JOB No 17001.TD

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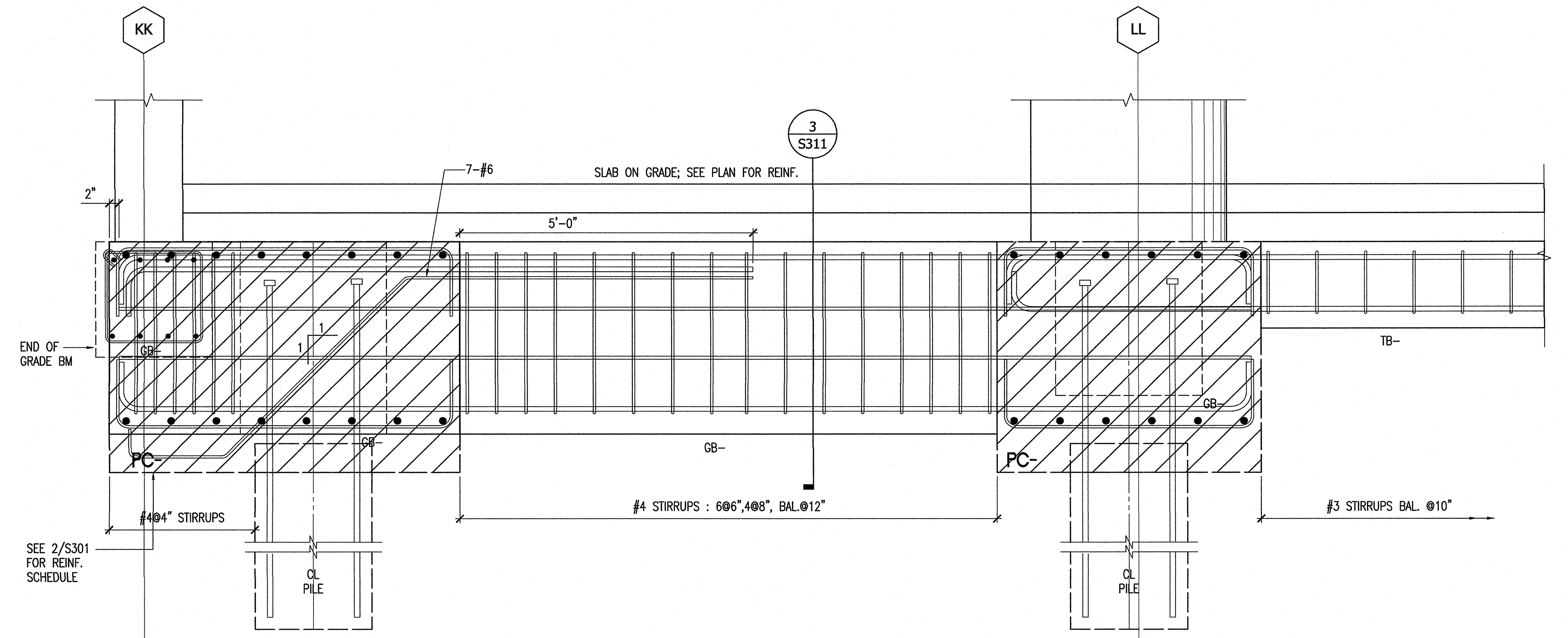
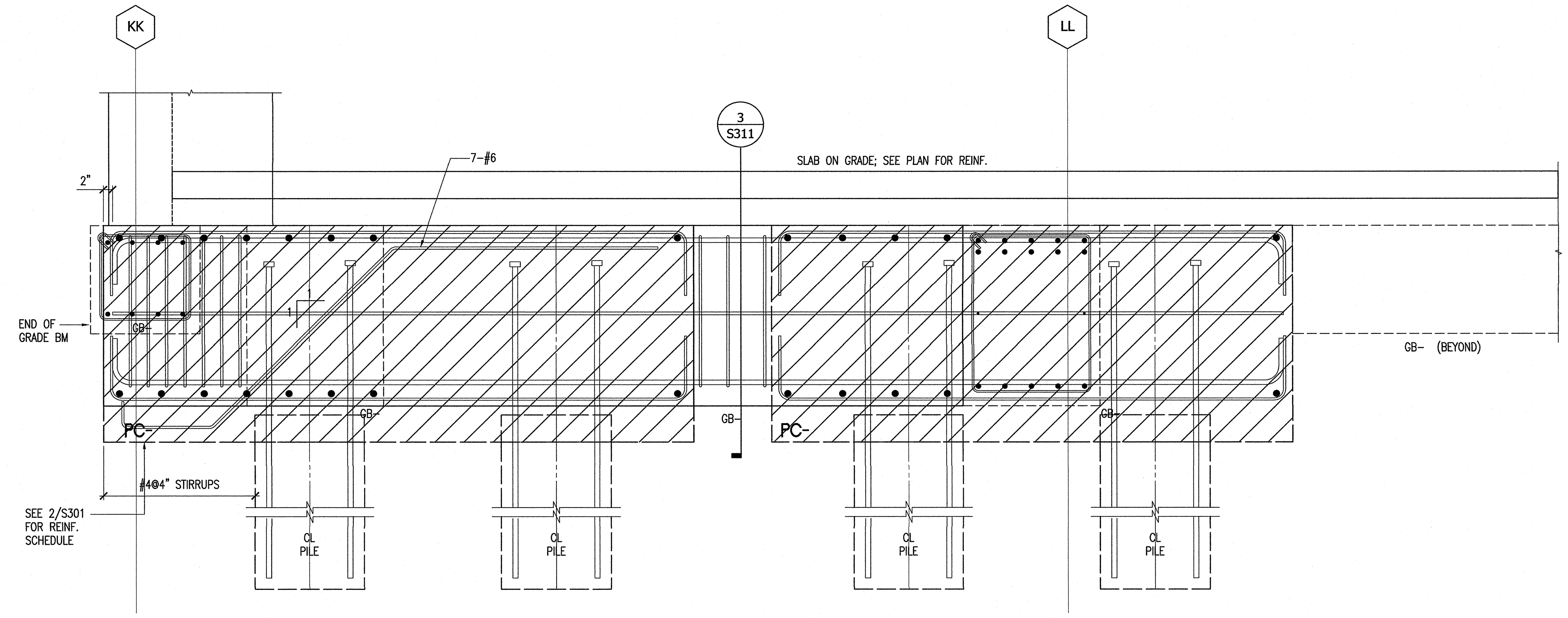
SHEET TITLE
GRADE / TIE BEAM SCHEDULE AND DETAILS

SHEET NO.
S311



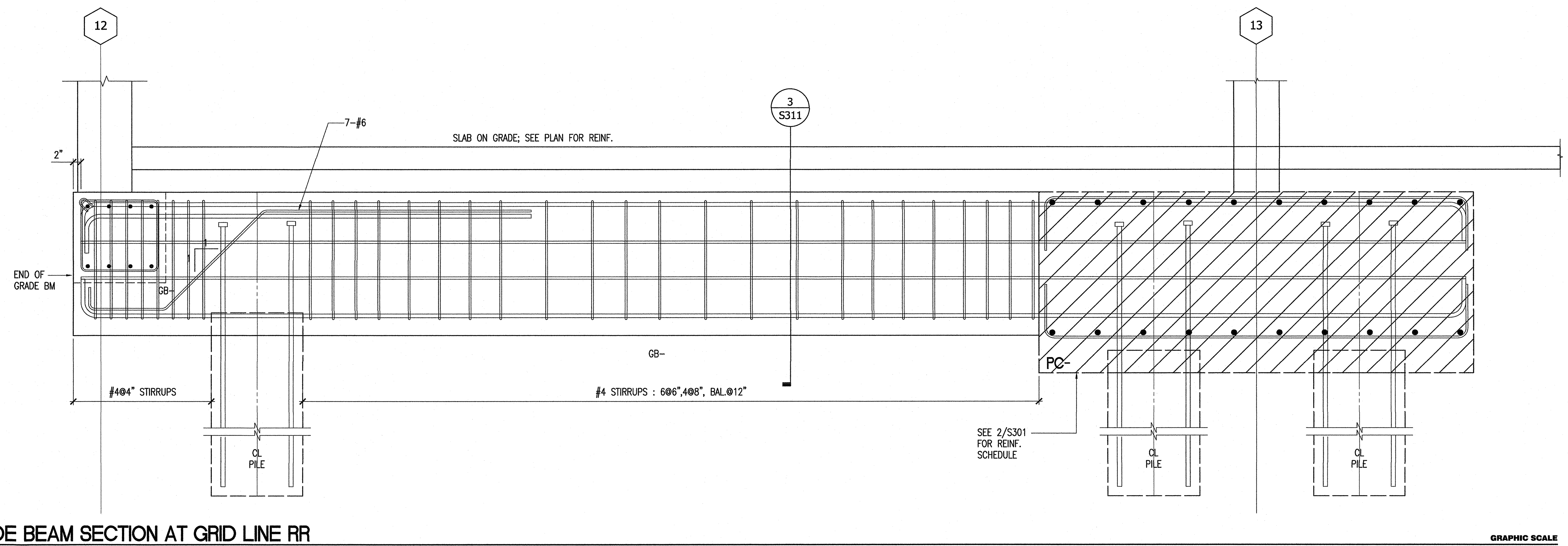
1 GRADE BEAM SECTION AT GRID LINE 14
SCALE: 3/4" = 1'-0"

GRAPHIC SCALE
0 6" 1' 2'



2 GRADE BEAM SECTION AT GRID LINE 12
SCALE: 3/4" = 1'-0"

GRAPHIC SCALE
0 6" 1' 2'



3 GRADE BEAM SECTION AT GRID LINE RR
SCALE: 3/4" = 1'-0"

GRAPHIC SCALE
0 6" 1' 2'

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Signature
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DEVELOPER:
CALIFORNIA INVESTMENT REGIONAL CENTER, LLC

PROJECT OWNER:
HAWAII CITY PLAZA, LP

PALEKANA PERMITS
THIRD PARTY CERTIFICATION
☐ Bldg. Code ☐ Elec. Code
☐ Mech. Code ☐ ZPRB (Land Use Ordinance)
☐ Structural (Non-Single/2-Family Dwellings)

APPROVED
DPP

Hawaii City Plaza
Honolulu, Hawaii
710 Sheridan Street
TMK 2-3-014: Parcels 002, 004, & 011

APRIL 13, 2018
AISE JOB No 17001.TD

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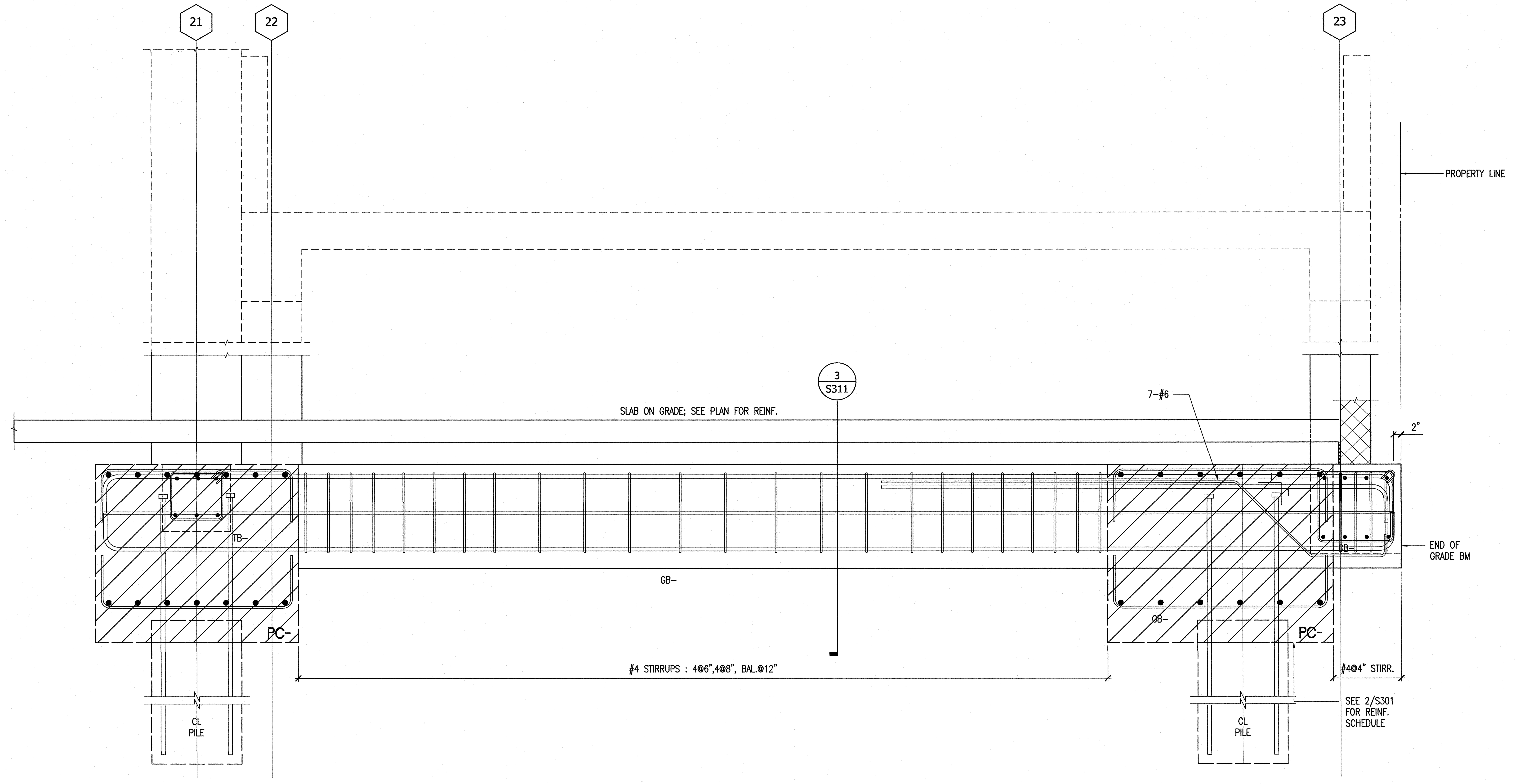
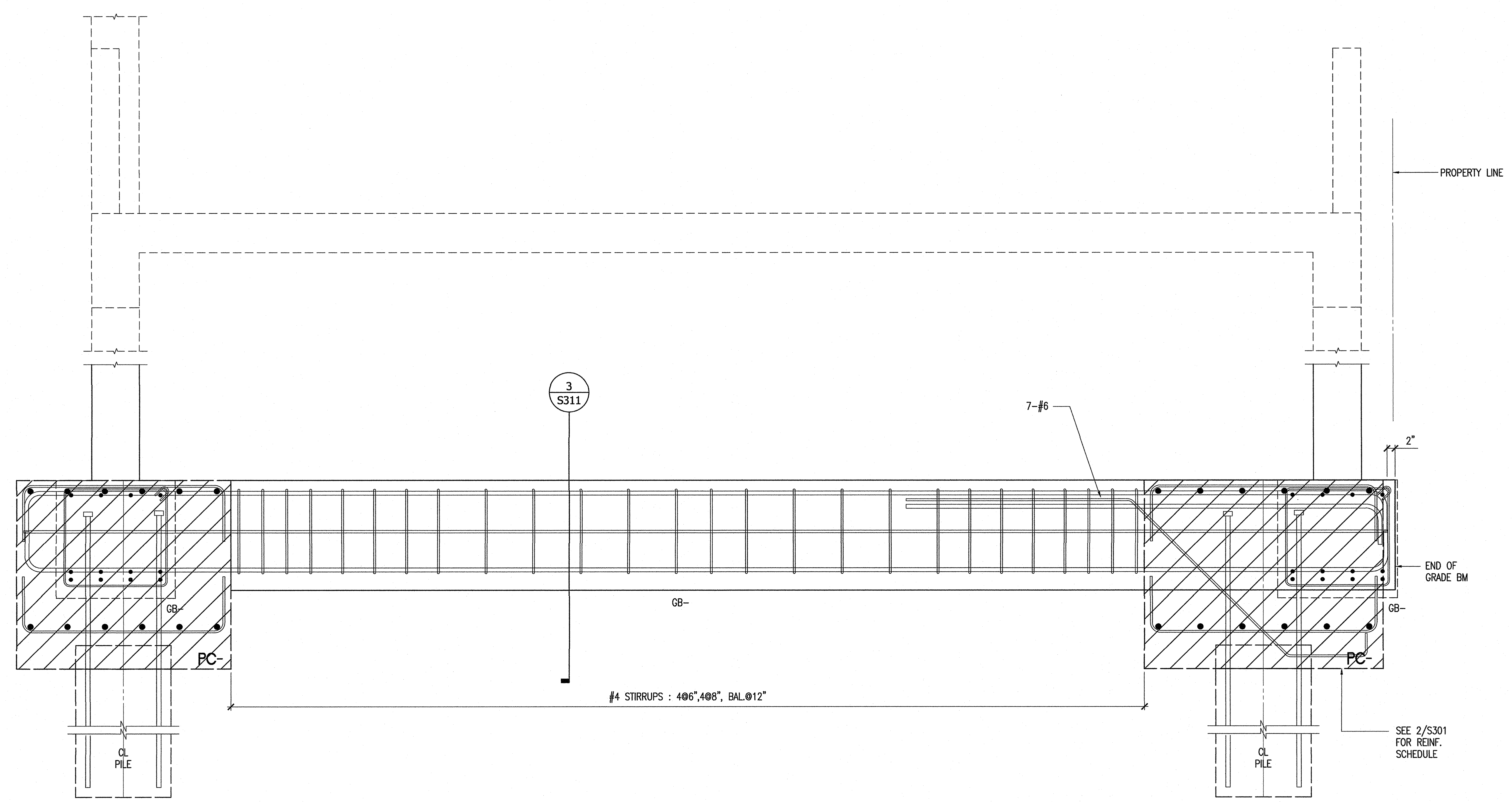
SHEET TITLE
GRADE BEAM SECTIONS

SHEET NO.
S312



4 GRADE BEAM SECTION AT GRID LINE Z
SCALE: 3/4" = 1'-0"

GRAPHIC SCALE
0 6" 1' 2'



5 GRADE BEAM SECTION AT RAMP
SCALE: 3/4" = 1'-0"

GRAPHIC SCALE
0 6" 1' 2'

P/ LUKANA PERMITS
THIRD PARTY CERTIFICATION
☐ Bldg. Code ☐ Elec. Code
☐ Mech. Code ☐ ZPR (Land Use Ordinance)
☐ Structural (Non-Single/2-Family Dwellings)

APPROVED
DPP

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Expiration Date 4/30/2018

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TMK 2-3-014: Parcels 002, 004, & 011

APRIL 13, 2018
AISE JOB No 17001.TD

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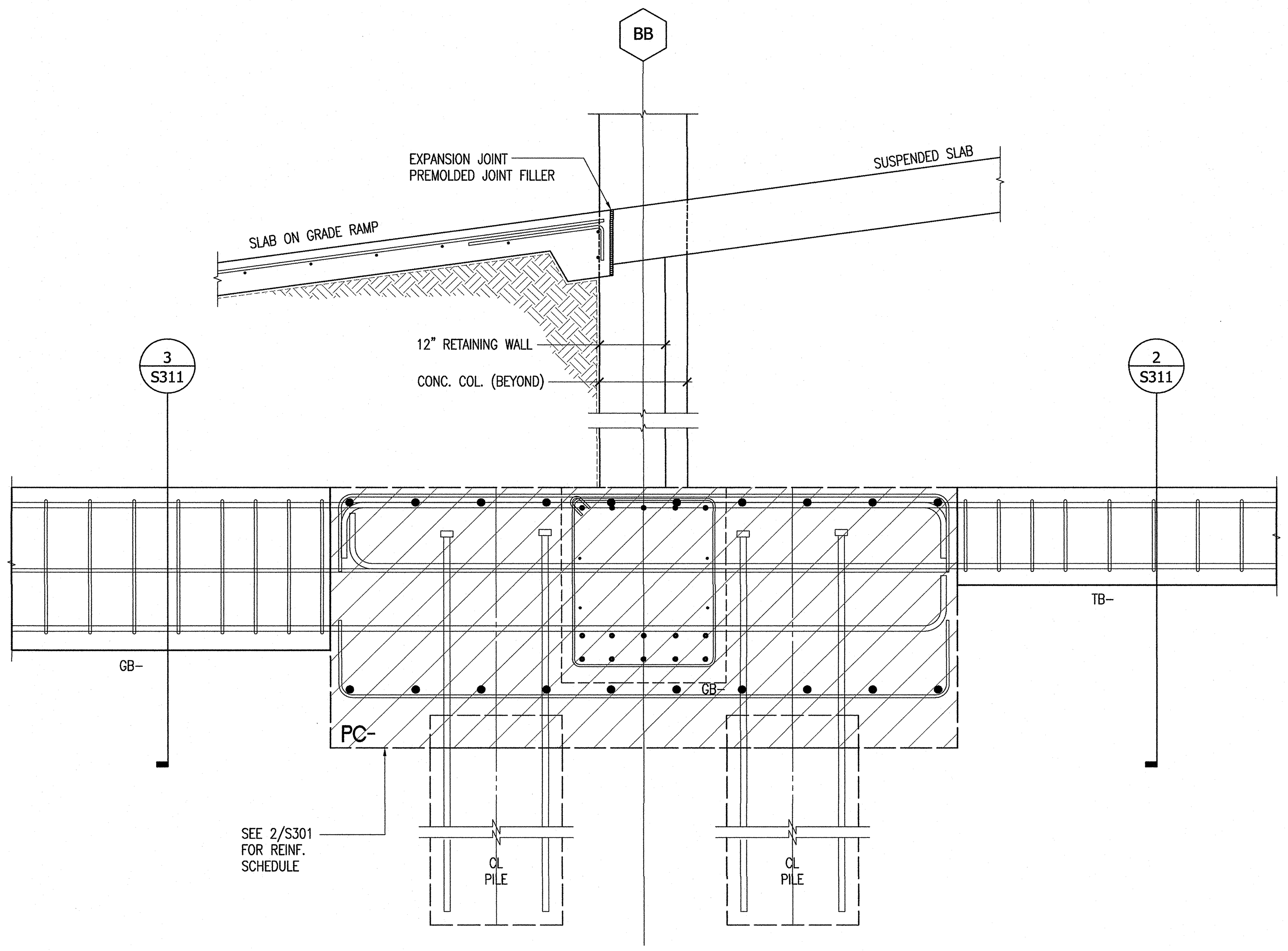
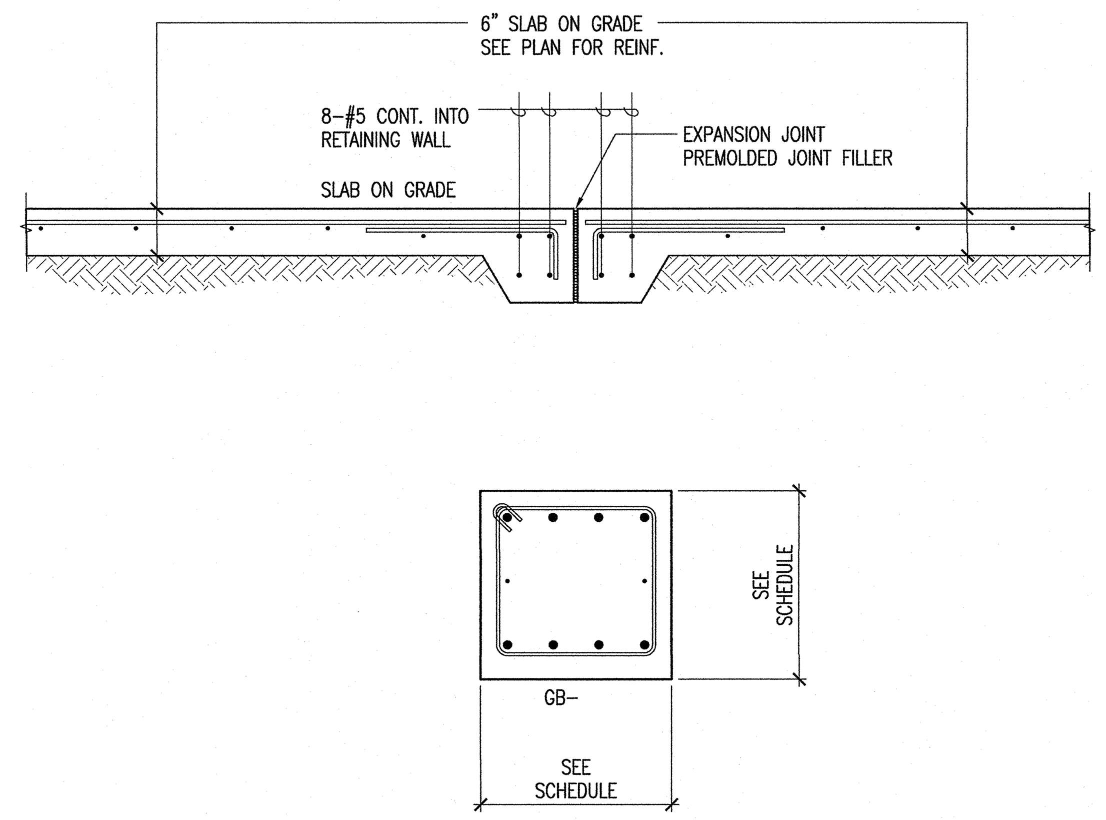
SHEET TITLE
GRADE BEAM SECTIONS

SHEET NO.
S313



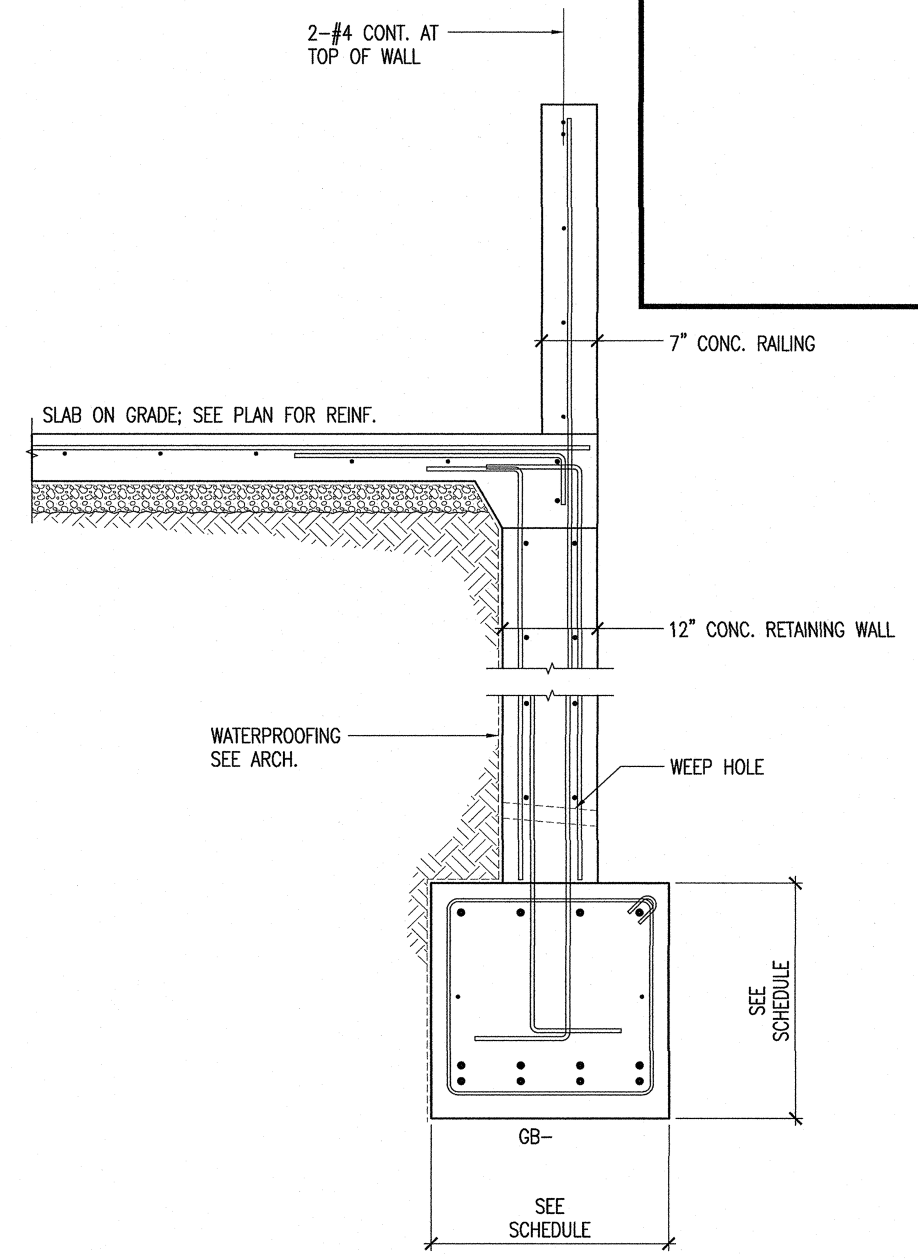
6 GRADE BEAM SECTION AT GRID LINE BB
SCALE: 3/4" = 1'-0"

GRAPHIC SCALE
0 6" 1' 2'



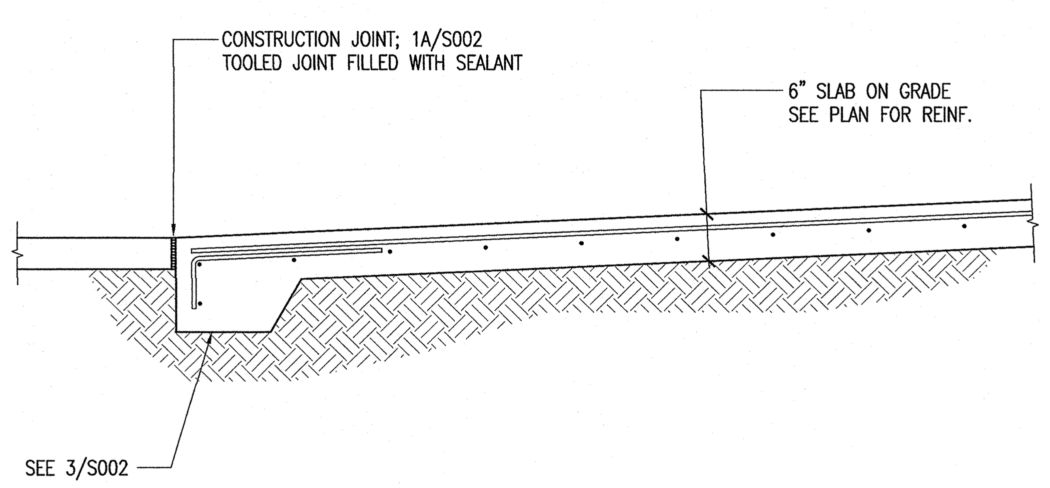
7 GRADE BEAM SECTION
SCALE: 3/4" = 1'-0"

GRAPHIC SCALE
0 6" 1' 2'



8 GRADE BEAM SECTION AT RETAINING WALL
SCALE: 3/4" = 1'-0"

GRAPHIC SCALE
0 6" 1' 2'



9 SECTION AT RAMP
SCALE: 3/4" = 1'-0"

GRAPHIC SCALE
0 6" 1' 2'

PAʻLEKANA PERMITS
THIRD PARTY CERTIFICATION
☐ Bldg. Code ☐ Elec. Code
☐ Mech. Code ☐ ZPRB (Land Use Ordinance)
☐ Structural (Non-Single Family Dwellings)

APPROVED
DPP

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HAWAII, U.S.A.

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Expiration Date: 4/30/2018

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Honolulu, Hawaii
710 Sheridan Street
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APRIL 13, 2018
AISE JOB No 17001.TD

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SHEET TITLE
GRADE BEAM SECTIONS

SHEET NO.
S314

TOWER COLUMN SCHEDULE

	COL. MARK	CT-1	CT-2	CT-3	CT-4	CT-5	CT-6	CT-7	CT-8	CT-9	CT-10	CT-11	CT-12	CT-13	CT-14		
LEVEL 26	SIZE REINFORCING COLUMN TYPE																
LEVEL 25	SIZE REINFORCING COLUMN TYPE																
LEVEL 24	SIZE REINFORCING COLUMN TYPE																
LEVEL 23	SIZE REINFORCING COLUMN TYPE																
LEVEL 22	SIZE REINFORCING COLUMN TYPE																
LEVEL 21	SIZE REINFORCING COLUMN TYPE																
LEVEL 20	SIZE REINFORCING COLUMN TYPE																
LEVEL 19	SIZE REINFORCING COLUMN TYPE																
LEVEL 18	SIZE REINFORCING COLUMN TYPE																
LEVEL 17	SIZE REINFORCING COLUMN TYPE																
LEVEL 16	SIZE REINFORCING COLUMN TYPE																
LEVEL 15	SIZE REINFORCING COLUMN TYPE																
LEVEL 14	SIZE REINFORCING COLUMN TYPE																
LEVEL 13	SIZE REINFORCING COLUMN TYPE																
LEVEL 12	SIZE REINFORCING COLUMN TYPE																
LEVEL 11	SIZE REINFORCING COLUMN TYPE																
LEVEL 10	SIZE REINFORCING COLUMN TYPE																
LEVEL 9	SIZE REINFORCING COLUMN TYPE																
LEVEL 8	SIZE REINFORCING COLUMN TYPE																
LEVEL 7	SIZE REINFORCING COLUMN TYPE																
LEVEL 6	SIZE REINFORCING COLUMN TYPE											14x24 6#8 #3@12 "_"	14x48 12#8 #3@12 "_"				
LEVEL 5	SIZE REINFORCING COLUMN TYPE																
LEVEL 4	SIZE REINFORCING COLUMN TYPE																
LEVEL 3	SIZE REINFORCING COLUMN TYPE																
LEVEL 2	SIZE REINFORCING COLUMN TYPE																
LEVEL 2	SIZE REINFORCING COLUMN TYPE																
LEVEL 1	SIZE REINFORCING COLUMN TYPE	20x24 10#8 NOTE 1	16x36 12#8 NOTE 1	20x32 12#8 NOTE 1	16x44 16#8 NOTE 1	16x52 22#8 NOTE 1	16x68 26#8 NOTE 1	16x24 8#8 NOTE 1	18x36 14#8 NOTE 1	SEE PLAN 12#8 NOTE 1	16x52 22#8 NOTE 1	SEE PLAN SEE PLAN NOTE 1	SEE PLAN SEE PLAN NOTE 1	20x96 42#8 NOTE 1	16x44 14#8 NOTE 1		
(TOP OF MAT)																	
	COL. MARK	CT-1	CT-2	CT-3	CT-4	CT-5	CT-6	CT-7	CT-8	CT-9	CT-10	CT-11	CT-12	CT-13	CT-14		

PARKING COLUMN SCHEDULE

	COL. MARK	C-20	C-21	C-22	C-23	C-24	C-25	C-26	C-27	C-28	C-29	C-30	C-31	C-32	C-33	C-34	C-35
LEVEL 6																	
L. PKG-5	SIZE REINFORCING TYP. TIES SECTION TYPE																
L. PKG-4	SIZE REINFORCING TYP. TIES SECTION TYPE																
L. PKG-3	SIZE REINFORCING TYP. TIES SECTION TYPE																
L. PKG-2	SIZE REINFORCING TYP. TIES SECTION TYPE																
MEZZ. 2	SIZE REINFORCING COLUMN TYPE																
LEVEL 1	SIZE REINFORCING COLUMN TYPE	20x24 10#8 NOTE 1	14x36 12#8 NOTE 1	NOTE 2 21#8 NOTE 1	14x30 12#8 NOTE 1	14x38 12#8 NOTE 1	14x40 14#8 NOTE 1	14x52 14#8 NOTE 1	14x42 16#8 NOTE 1	20"ø 8#8 NOTE 1	16x48 16#8 NOTE 1	NOTE 2 18#8 NOTE 1	14x48 14#8 NOTE 1	NOTE 2 19#8 NOTE 1	12x60 16#8 NOTE 1	12x39 10#8 NOTE 1	12x36 10#8 NOTE 1
(TOP OF MAT)																	
	COL. MARK	C-20	C-21	C-22	C-23	C-24	C-25	C-26	C-27	C-28	C-29	C-30	C-31	C-32	C-33	C-34	C-35

PALEKANA PERMITS
THIRD PARTY CERTIFICATION
☐ Bldg. Code ☐ Elec. Code
☐ Mech. Code ☐ ZPRB (Land Use Ordinance)
☐ Structural (Non-Single/2-Family Dwellings)

NOTES :

1) SEE -/S602 FOR COLUMN TYPES
2) SEE -/S601 FOR COLUMN SIZES

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PARKING COLUMN SCHEDULE (UNDER TOWER)

	COL. MARK	C-1	C-2	C-3	C-4	C-5	C-6	C-6A	C-7	C-8	C-9	C-10	C-11	C-12	C-13	C-14	C-15	C-16	C-17	C-18	C-19
LEVEL 6																					
LEVEL 5	SIZE REINFORCING TYP. TIES SECTION TYPE																				
LEVEL 4	SIZE REINFORCING TYP. TIES SECTION TYPE																				
LEVEL 3	SIZE REINFORCING TYP. TIES SECTION TYPE																				
LEVEL 2	SIZE REINFORCING TYP. TIES SECTION TYPE																				
LEVEL 2	SIZE REINFORCING TYP. TIES SECTION TYPE																				
LEVEL 1	SIZE REINFORCING COLUMN TYPE	NOTE 2 16#8 NOTE 1	16x30 10#8 NOTE 1	16x48 16#8 NOTE 1	16x48 16#8 NOTE 1	16x44 14#8 NOTE 1	24x24 10#8 NOTE 1	NOTE 2 18#8 NOTE 1	NOTE 2 18#8 NOTE 1	16x16 8#8 NOTE 1	16x36 12#8 NOTE 1	16x52 18#8 NOTE 1	20"ø 10#8 NOTE 1	24"ø 10#8 NOTE 1	16x104 36#8 NOTE 1	NOTE 2 32#8 NOTE 1	14x60 18#8 NOTE 1	12x36 11#8 NOTE 1	12x78 20#8 NOTE 1	12x36 10#8 NOTE 1	16x36 12#8 NOTE 1
(TOP OF MAT)																					
REMARKS	COL. MARK	C-1	C-2	C-3	C-4	C-5	C-6	C-6A	C-7	C-8	C-9	C-10	C-11	C-12	C-13	C-14	C-15	C-16	C-17	C-18	C-19

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HAWAII, U.S.A.

John S. Allison
Signature
Expiration Date: 4/30/2018

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APRIL 13, 2018
AISE JOB No 17001.TD

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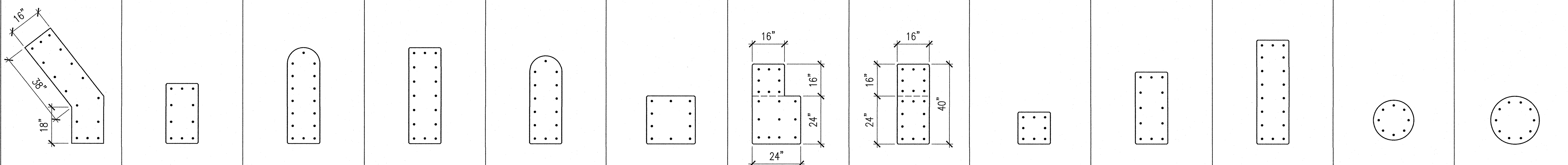
SHEET TITLE
COLUMN SCHEDUL;E

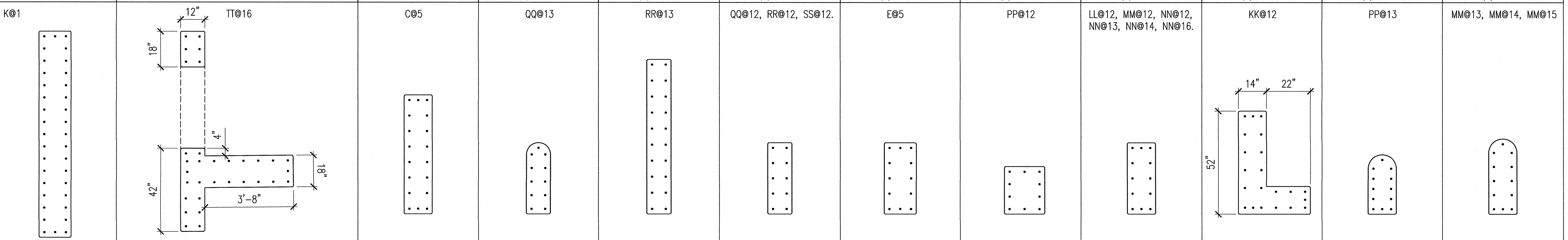
SHEET NO.
S601

PARKING COLUMNS

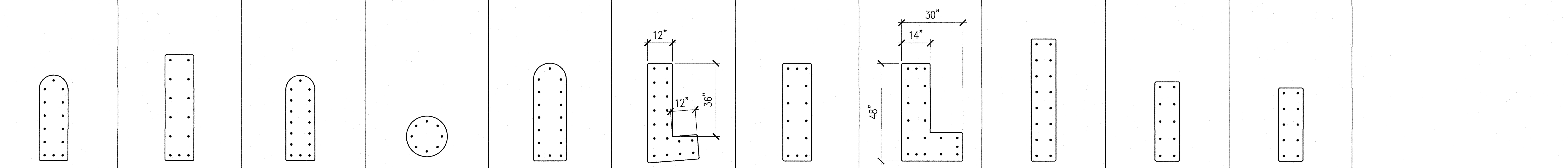
C-1	C-2	C-3	C-4	C-5	C-6	C-6A	C-7	C-8	C-9	C-10	C-11	C-12
(1) UNIT	(8) UNITS	(1) UNIT	(2) UNITS	(1) UNIT	(1) UNIT	(1) UNIT	(3) UNITS	(3) UNITS	(1) UNIT	(2) UNITS	(3) UNITS	(3) UNITS
A@8	A@11, B11, D11, F@11, H@11, K@11, L@11, M@11.	B@8	S@9.5	U@8.5	V@DD	Y@21	Z@21, AA@21, BB@21.	Z@23, AA@23, BB@23.	Y@23	WW@23, TT@20.	N@22, N@2, N@3.	L@1, L@4, K@4.
16 BARS	10 BARS	16 BARS	16 BARS	14 BARS	10 BARS	18 BARS	18 BARS	8 BARS	12 BARS	18 BARS	10 BARS	10 BARS



C-13	C-14	C-15	C-16	C-17	C-18	C-19	C-20	C-21	C-22	C-23	C-24
(1) UNIT	(1) UNIT	(1) UNIT	(1) UNIT	(1) UNIT	(3) UNITS	(1) UNIT	(1) UNIT	(6) UNITS	(1) UNIT	(1) UNIT	(3) UNITS
K@1	TT@16	C@5	QQ@13	RR@13	QQ@12, RR@12, SS@12.	E@5	PP@12	LL@12, MM@12, NN@12, NN@13, NN@14, NN@16.	KK@12	PP@13	MM@13, MM@14, MM@15
36 BARS	6 BARS + 26 BARS	18 BARS	11 BARS	20 BARS	10 BARS	12 BARS	10 BARS	12 BARS	21 BARS	12 BARS	12 BARS



C-25	C-26	C-27	C-28	C-29	C-30	C-31	C-32	C-33	C-34	C-35
(3) UNITS	(2) UNIT	(1) UNIT	(1) UNIT	(2) UNIT	(1) UNIT	(3) UNITS	(2) UNITS	(1) UNIT	(1) UNIT	(1) UNIT
LL@13, LL@14, LL@15	KK@13, KK@14	PP@14	PP@16	GG@18	KK@17	FF@17, FF@19, HH@19.	EE@17, EE@19	EE@18	PP@16	QQ@16
14 BARS	14 BARS	16 BARS	8 BARS	16 BARS	18 BARS	14 BARS	19 BARS	16 BARS	10 BARS	10 BARS

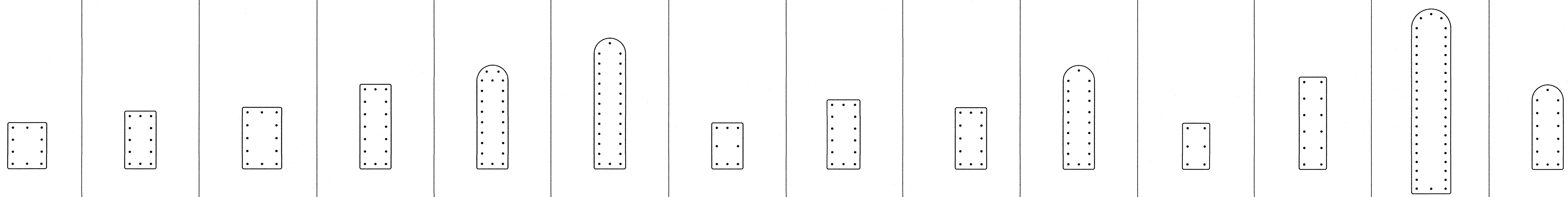


PALEKANA PERMITS
THIRD PARTY CERTIFICATION
☐ Bldg. Code ☐ Elec. Code
☐ Mech. Code ☐ ZPRG (Land Use Ordinance)
☐ Structural (Non-Single/2-Family Dwellings)

APPROVED
DPP

COLUMNS TOWER

CT-1	CT-2	CT-3	CT-4	CT-5	CT-6	CT-7	CT-8	CT-9	CT-10	CT-11	CT-12	CT-13	CT-14
(2) UNITS	(2) UNITS	(2) UNITS	(1) UNIT	(1) UNIT	(1) UNIT	(1) UNIT	(1) UNIT	(2) UNITS	(6) UNITS	(1) UNIT	(1) UNIT	(1) UNIT	(1) UNIT
D@4, F@4	D@9, H@9	T@7, T@8	F@5.7	B@8	G@7	AA@20	P@7	M@6	F@8, H@8, K@8, L@8, M@8, Q@8.	D@6	D@7	S@8	P@6
10 BARS	12 BARS	12 BARS	16 BARS	22 BARS	26 BARS	8 BARS	14 BARS	12 BARS	22 BARS	6 BARS	12 BARS	42 BARS	14 BARS



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johnallison@allisonide.com

JOHN S. ALLISON
LICENSED PROFESSIONAL ENGINEER
No. 5933-S
HAWAII, U.S.A.

John S. Allison
Signature
Expiration Date: 4/30/2018

This work was prepared by me or under my supervision. Construction of this project will be under my observation. Observation as defined in Section 16-115-2 of Hawaii Administrative Rules 9-12-02 Title 16, Chapter 115, Professional Engineers, Architects, Surveyors, and Landscape Architects.

DEVELOPER:
CALIFORNIA INVESTMENT REGIONAL CENTER, LLC

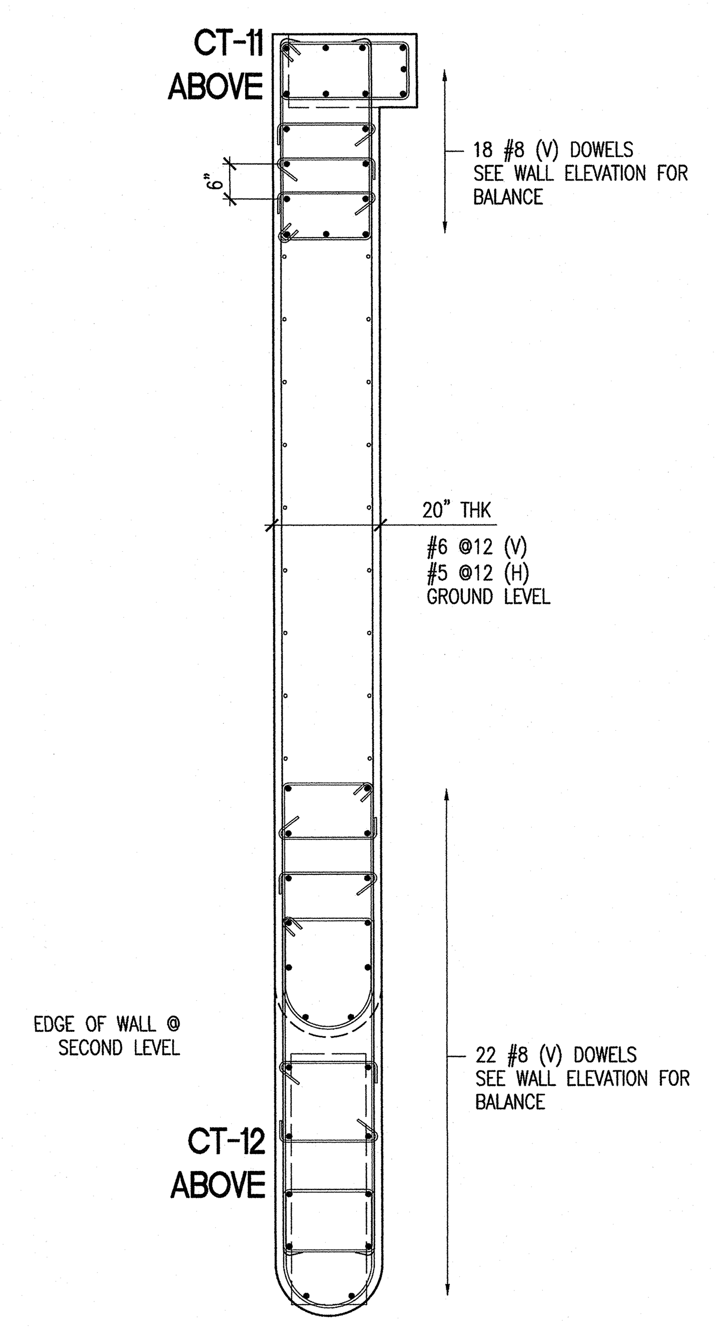
PROJECT OWNER:
HAWAII CITY PLAZA, LP

Hawaii City Plaza
Honolulu, Hawaii
710 Sheridan Street
TMK 2-3-014: Parcels 002, 004, & 011

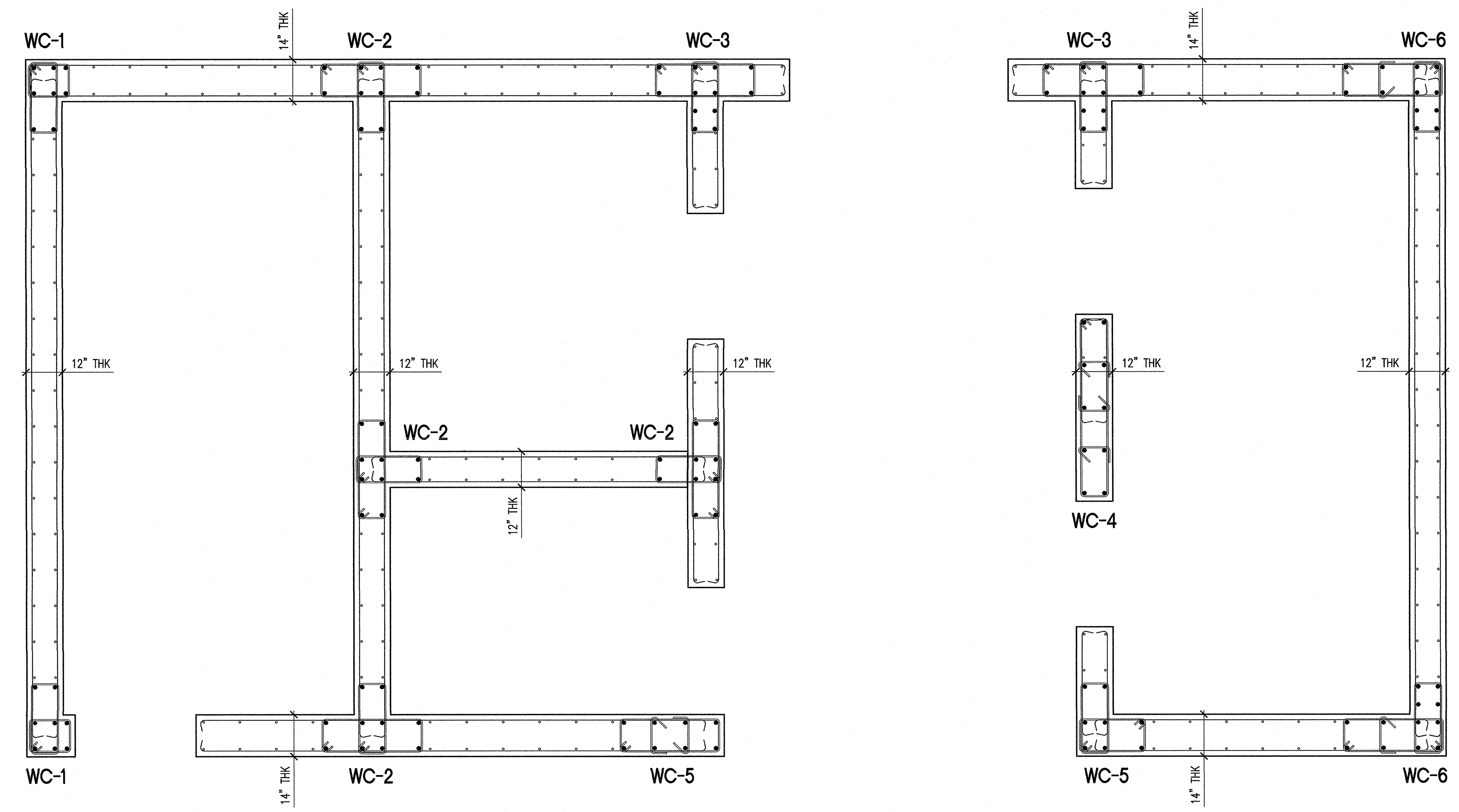
APRIL 13, 2018
AISE JOB No 17001.TD

SHEET TITLE
COLUMN TYPES

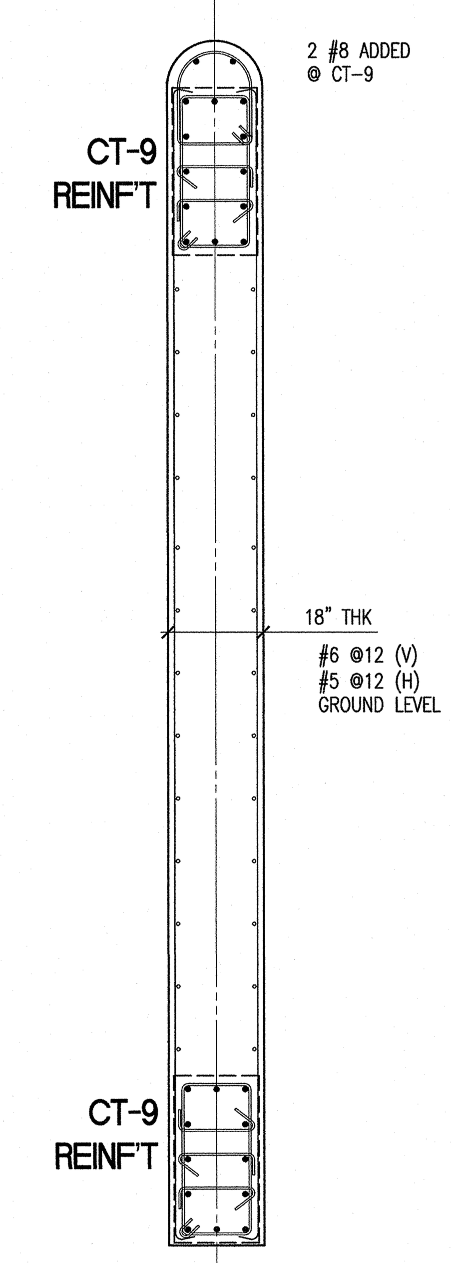
SHEET NO.
S602



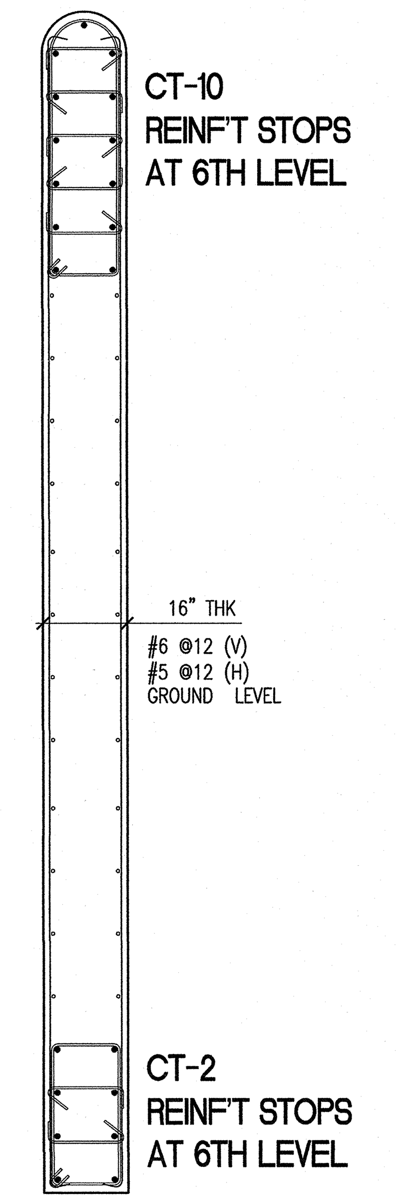
(A) WALL at GRID "D "
SCALE : 1/2" = 1'-0"
GRAPHIC SCALE



(B) SHEAR WALL CORE 1 - GROUND LEVEL
SCALE : 1/2" = 1'-0"
GRAPHIC SCALE



(C) WALL at GRID "M "
SCALE : 1/2" = 1'-0"
GRAPHIC SCALE



(D) WALL at GRID "F "
SCALE : 1/2" = 1'-0"

NOTES:

1. SEE S005 STANDARD DETAILS FOR WALL REINFORCEMENT NOT SHOWN.
2. THE SPACE BETWEEN THE LAST VERTICAL REINF. @ WALL COL. AND THE FIRST WALL WEB VERTICAL REINF. SHALL BE NO MORE THAN 8"
3. WALL COLUMN REINF. SHALL BE TENSION LAP SPLICED. SEE TABLE 6/S003 FOR SPLICE LENGTH.
4. AT TRANSITION LEVELS, WALL COLUMN REINF. AND REINF. CAGE SHALL EXTEND @ LEAST ONE LEVEL BELOW AND DOWEL ACCORDINGLY.
5. WALL COLUMN FOUNDATION DOWELS SHALL BE ONE SIZE LARGER THAN THE VERTICAL BARS, EXCEPT FOR #11 BARS.
6. FOR HEADER AND SILL, SEE SHEET SXXX.
7. USE #3 WALL COLUMNS TIES @ 12" o.c. SPACE

SYMBOLS:
● WALL COLUMN VERTICAL REINFORCEMENT
○ EXTENDED VERTICAL BAR FROM WALL ABOVE OR BELOW

CORE WALL REINFORCEMENT SCHEDULE

LEVELS		WALL THKS	f'c CONC STRENGTH	WALL-COLUMN REINFORCEMENT									WALL REINFORCEMENT	
FROM	TO			WC-1	WC-2	WC-3	WC-4	WC-5	WC-6	WC-7	WC-8	WC-9	HORIZONTAL	VERTICAL
FIRST	SECOND	VARIES	6,000 PSI	8#9	10#9	12#9	10#9	8#9	12#9	8#9	6#9	4#9	#4@12 EF	#6@12 EF

APPROVED
DPP

THIRD PARTY CERTIFICATION
☐ Bldg. Code ☐ Elec. Code
☐ Mech. Code ☐ ZPPD

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No. 5933-S
HAWAII, U.S.A.

Signature
Expiration Date: 4/30/2018

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DEVELOPER:
CALIFORNIA INVESTMENT REGIONAL CENTER, LLC

PROJECT OWNER:
HAWAII CITY PLAZA, LP

Hawaii City Plaza
Honolulu, Hawaii
710 Sheridan Street
TMK 2-3-014: Parcels 002, 004, & 011

APRIL 13, 2018
AISE JOB No 17001.TD

0 2000 00-00	0
0	0
0	0
0	0
0	0

SHEET TITLE

STAIR 1 GROUND - 2ND LEVEL

SHEET NO.

S701

NOTES:

1. SEE S005 STANDARD DETAILS FOR WALL REINFORCEMENT NOT SHOWN.
2. THE SPACE BETWEEN THE LAST VERTICAL REINF. @ WALL COL. AND THE FIRST WALL WEB VERTICAL REINF. SHALL BE NO MORE THAN 8"
3. WALL COLUMN REINF. SHALL BE TENSION LAP SPLICED. SEE TABLE 6/S003 FOR SPLICE LENGTH.
4. AT TRANSITION LEVELS, WALL COLUMN REINF. AND REINF. CAGE SHALL EXTEND @ LEAST ONE LEVEL BELOW AND DOWEL ACCORDINGLY.
5. WALL COLUMN FOUNDATION DOWELS SHALL BE ONE SIZE LARGER THAN THE VERTICAL BARS, EXCEPT FOR #11 BARS.
6. FOR HEADER AND SILL, SEE SHEET SXXX.
7. USE #3 WALL COLUMNS TIES @ 12" o.c. SPACE

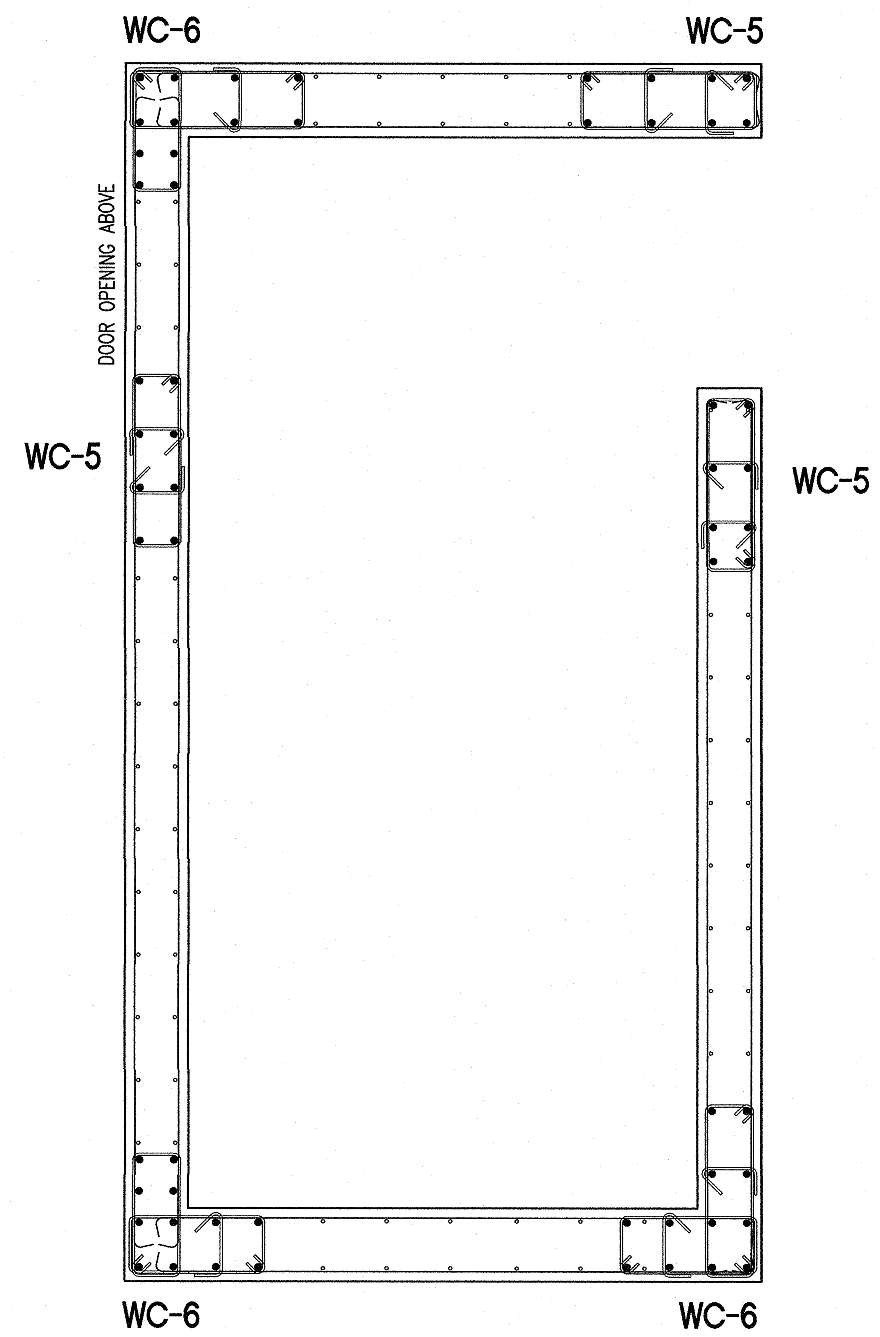
SYMBOLS:

● WALL COLUMN VERTICAL REINFORCEMENT

○ EXTENDED VERTICAL BAR FROM WALL ABOVE OR BELOW

CORE WALL REINFORCEMENT SCHEDULE

LEVELS		WALL THKS	f'c CONC STRENGTH	WALL–COLUMN REINFORCEMENT									WALL REINFORCEMENT	
FROM	TO			WC–1	WC–2	WC–3	WC–4	WC–5	WC–6	WC–7	WC–8	WC–9	HORIZONTAL	VERTICAL
FIRST	SECOND	VARIES	6,000 PSI	8#9	10#9	12#9	10#9	8#9	12#9	8#9	6#9	4#9	#4@12 EF	#6@12 EF



A SHEAR WALL STAIR 2 - GROUND LEVEL
SCALE : 1/2" = 1'-0"

GRAPHIC SCALE

APPROVED
DPP

PALEKANA PERMITS
THIRD PARTY CERTIFICATION
☐ Bldg. Code ☐ Elec. Code
☐ Mech. Code ☐ EFEB (and the Ordinance)
☐ Structural

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No. 5933-S
HAWAII, U.S.A.

John S. Allison
Signature
Expiration Date: 4/30/2018

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DEVELOPER:
CALIFORNIA INVESTMENT REGIONAL CENTER, LLC

PROJECT OWNER:
HAWAII CITY PLAZA, LP

Hawaii City Plaza
Honolulu, Hawaii
710 Sheridan Street
TMK 2-3-014: Parcels 002, 004, & 011

APRIL 13, 2018
AISE JOB No 17001.TD

0	2000 00-00	0
0		0
0		0
0		0
0		0

SHEET TITLE

STAIR 2 GROUND - 2ND LEVEL

SHEET NO.

S704

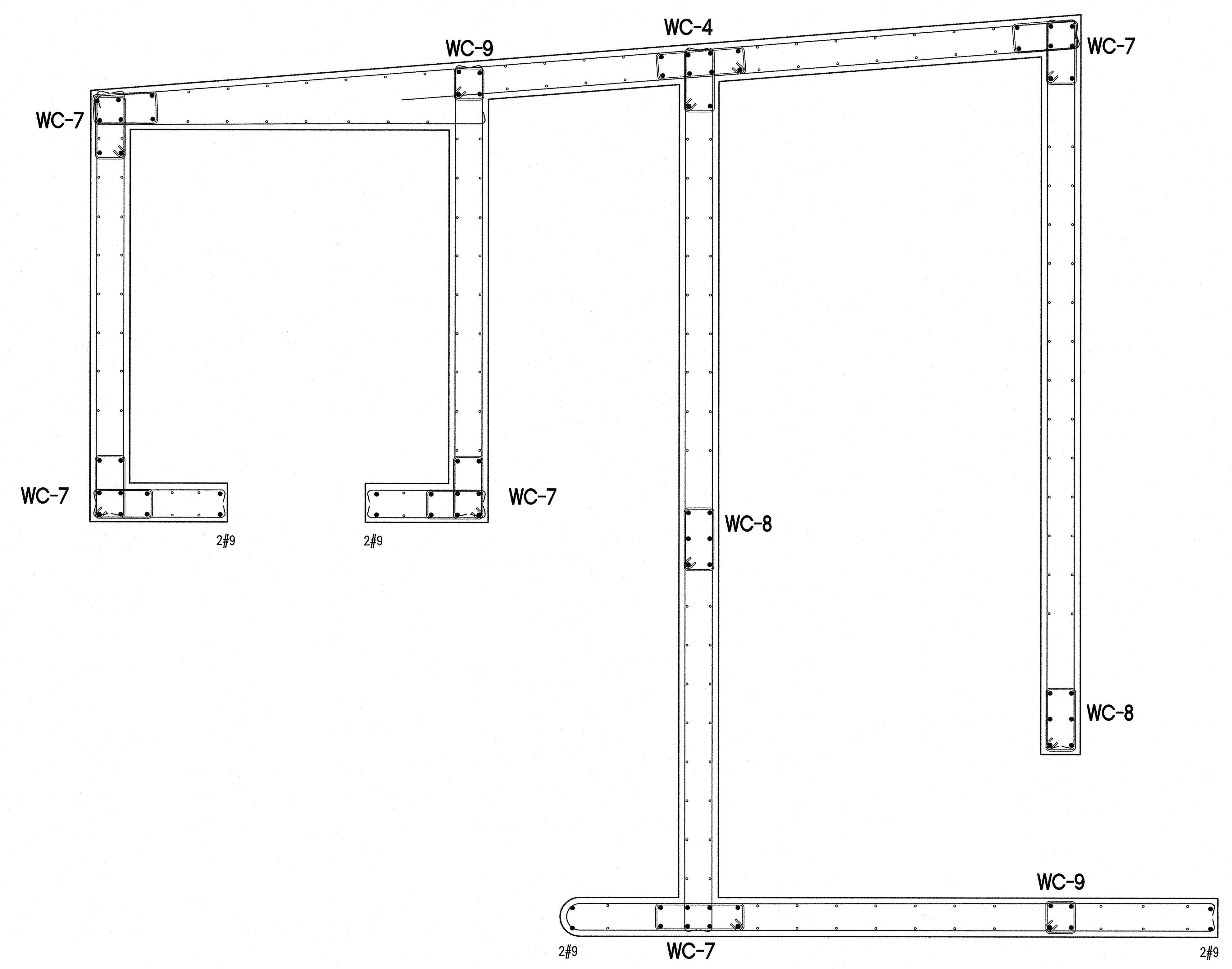
NOTES:

1. SEE S005 STANDARD DETAILS FOR WALL REINFORCEMENT NOT SHOWN.
2. THE SPACE BETWEEN THE LAST VERTICAL REINF. @ WALL COL. AND THE FIRST WALL WEB VERTICAL REINF. SHALL BE NO MORE THAN 8"
3. WALL COLUMN REINF. SHALL BE TENSION LAP SPLICED. SEE TABLE 6/S003 FOR SPLICE LENGTH.
4. AT TRANSITION LEVELS, WALL COLUMN REINF. AND REINF. CAGE SHALL EXTEND @ LEAST ONE LEVEL BELOW AND DOWEL ACCORDINGLY.
5. WALL COLUMN FOUNDATION DOWELS SHALL BE ONE SIZE LARGER THAN THE VERTICAL BARS, EXCEPT FOR #11 BARS.
6. FOR HEADER AND SILL, SEE SHEET SXXX.
7. USE #3 WALL COLUMNS TIES @ 12" o.c. SPACE

SYMBOLS:
- ● WALL COLUMN VERTICAL REINFORCEMENT
- ○ EXTENDED VERTICAL BAR FROM WALL ABOVE OR BELOW

CORE WALL REINFORCEMENT SCHEDULE

LEVELS		WALL THKS	f'c CONC STRENGTH	WALL-COLUMN REINFORCEMENT									WALL REINFORCEMENT	
FROM	TO			WC-1	WC-2	WC-3	WC-4	WC-5	WC-6	WC-7	WC-8	WC-9	HORIZONTAL	VERTICAL
FIRST	SECOND	VARIES	6,000 PSI	8#9	10#9	12#9	10#9	8#9	12#9	8#9	6#9	4#9	#4@12 EF	#6@12 EF



A SHEAR WALL STAIR 3 - GROUND LEVEL
SCALE : 1/2" = 1'-0"

GRAPHIC SCALE
0 6" 1' 2'

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808 536 2108
johnallison@allisonide.com

JOHN S. ALLISON
LICENSED PROFESSIONAL ENGINEER
No. 5933-S
HAWAII, U.S.A.

Signature
Expiration Date 4/30/2018

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DEVELOPER:
CALIFORNIA INVESTMENT REGIONAL CENTER, LLC

PROJECT OWNER:
HAWAII CITY PLAZA, LP

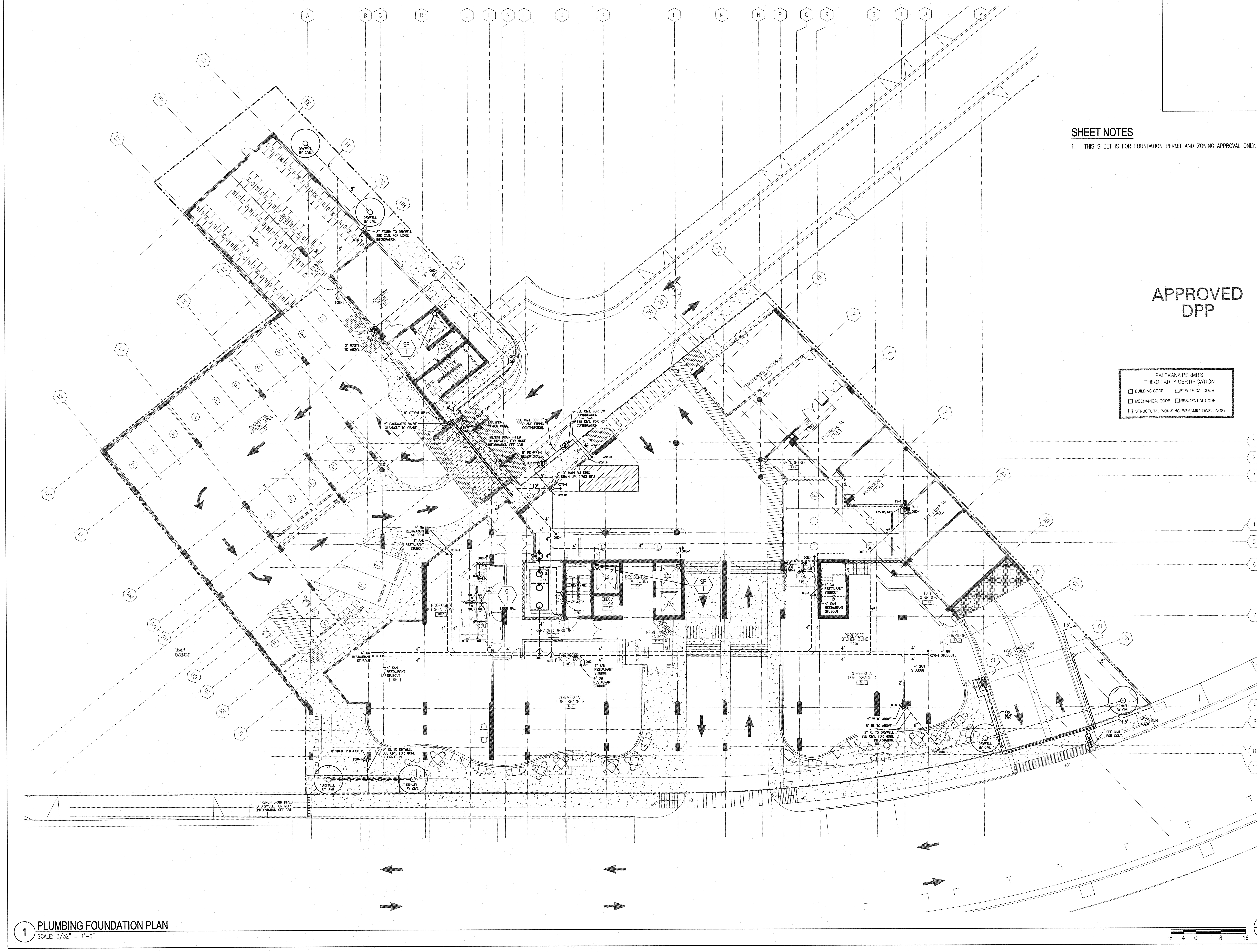
Hawaii City Plaza
Honolulu, Hawaii
710 Sheridan Street
TMK 2-3-014: Parcels 002, 004, & 011

APRIL 13, 2018
AISE JOB No 17001.TD

0	2000 00-00	0
0		0
0		0
0		0
0		0

SHEET TITLE
STAIR 3 GROUND - 2ND LEVEL

SHEET NO.
S706



SHEET NOTES

1. THIS SHEET IS FOR FOUNDATION PERMIT AND ZONING APPROVAL ONLY.

APPROVED
DPP

PALEKANA PERMITS
THIRD PARTY CERTIFICATION
☐ BUILDING CODE ☐ ELECTRICAL CODE
☐ MECHANICAL CODE ☐ RESIDENTIAL CODE
☐ STRUCTURAL (NON-SINGLE FAMILY DWELLINGS)

1 PLUMBING FOUNDATION PLAN
SCALE: 3/32" = 1'-0"

8 4 0 8 16

CROSSLAND ENGINEERING
Big Firm Results. Small Firm Service.

ENGINEER:
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

ANDREW S. CROSSLAND
LICENSED PROFESSIONAL ENGINEER
No. 16028-M
HAWAII, U.S.A.

EXPIRES 4/30/2020

DEVELOPER:
CALIFORNIA INVESTMENT REGIONAL CENTER, LLC

PROJECT OWNER:
HAWAII CITY PLAZA, LP

Hawaii City Plaza
Honolulu, Hawaii
710 Sheridan Street
TMK 2-3-014: Parcels 002, 004, & 011

ZONING PLAN
CODE COMMENT SHEET

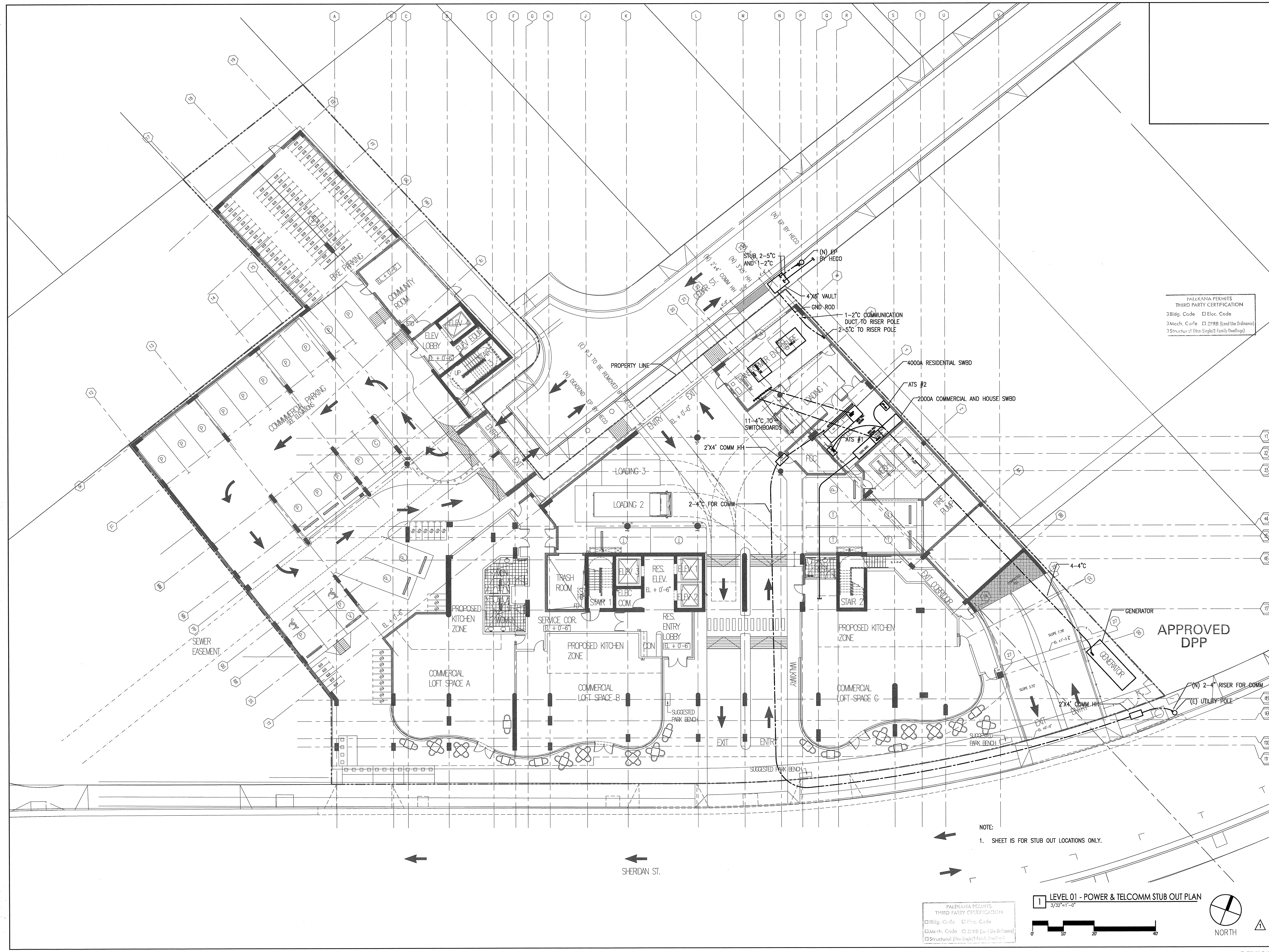
DATE 2018 OCTOBER 3
REV. 2 2018 NOV. 28

PROJECT # 15028

SHEET TITLE
PLUMBING FOUNDATION PLAN

SHEET NO.
P-100

REVISED PRINT



ARCHITECT:

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

DEREK H. FUJIKAMI
LICENSED PROFESSIONAL ENGINEER
No. 7246-E
HAWAII, U.S.A.

4/30/2020

NOTE: CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

DEVELOPER:
CALIFORNIA INVESTMENT REGIONAL CENTER, LLC

PROJECT OWNER:
HAWAII CITY PLAZA, LP

Hawaii City Plaza
Honolulu, Hawaii
710 Sheridan Street
TMK 2-3-014: Parcels 002, 004, & 011

PERMIT SET

DATE 2018.10.10

PROJECT # 15028-02

SHEET TITLE
LEVEL 01 - POWER & TELCOMM STUB OUT PLAN

SHEET NO.
E1.101A

REVISED PRINT