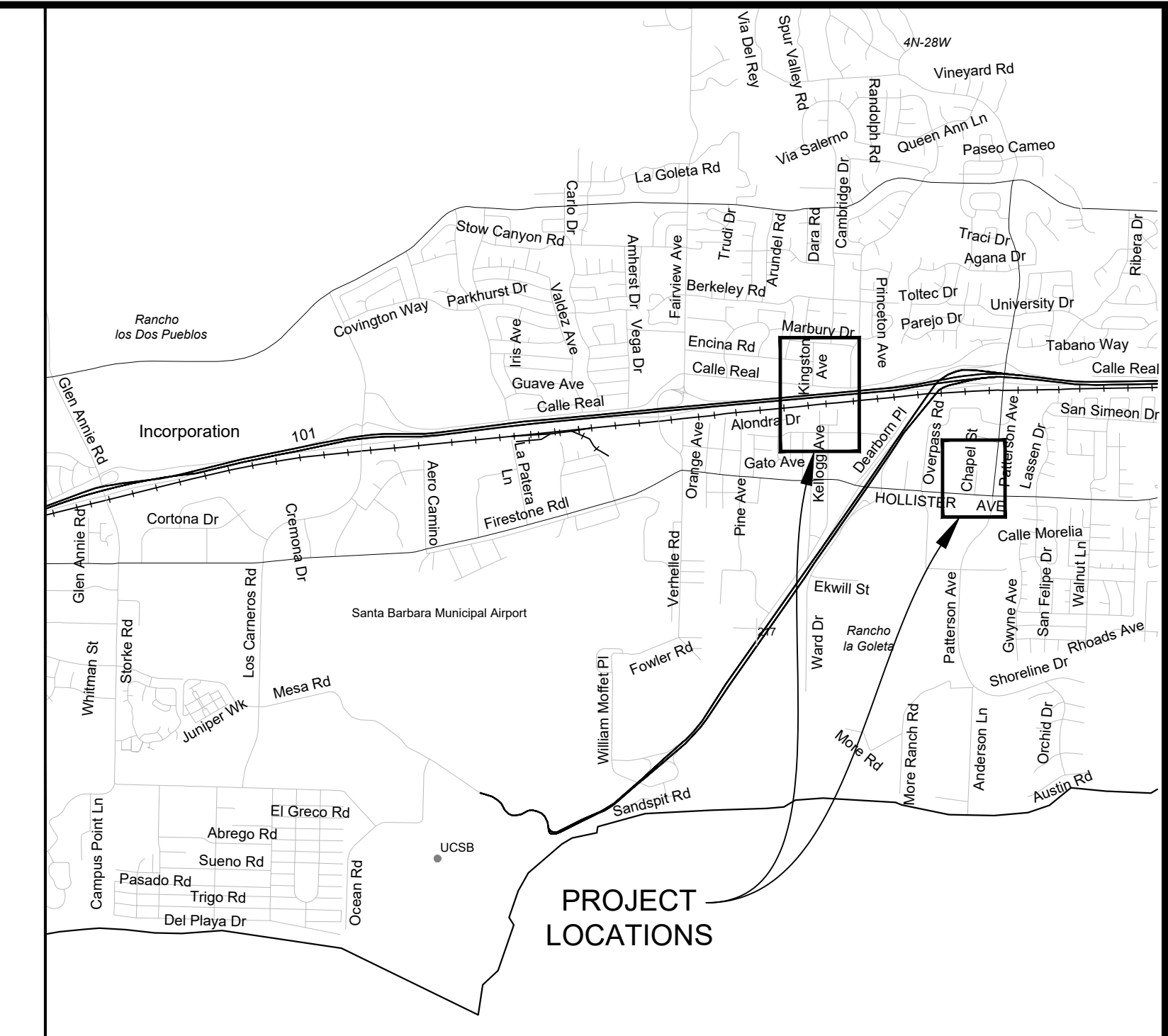


SHEET INDEX		
SHT. NO.	DWG NO.	DESCRIPTION
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02	G-1	GENERAL NOTES
03	DM-1	DEMOLITION AND UTILITY PLAN - CHAPEL STREET
04	DM-2	DEMOLITION AND UTILITY PLAN - KINGSTON AVENUE
05	SI-1	STREET IMPROVEMENT PLAN - CHAPEL STREET
06	SI-2	STREET IMPROVEMENT PLAN - KINGSTON AVENUE
07	E-1	ELECTRICAL PLAN - RRFB - CHAPEL STREET AT HOLLISTER AVE
08	E-2	ELECTRICAL PLAN - PHB - KINGSTON AVENUE AT CALLE REAL
09	SS-1	SIGNING AND STRIPING - CHAPEL STREET
10	SS-2	SIGNING AND STRIPING - KINGSTON AVENUE
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12	CD-2	CONSTRUCTION DETAILS - PHB
13	CD-3	CONSTRUCTION DETAIL - CHAPEL STREET
14	CD-4	CONSTRUCTION DETAIL - KINGSTON AVENUE 1 OF 2
15	CD-5	CONSTRUCTION DETAIL - KINGSTON AVENUE 2 OF 2
16	W-1	WIRING DIAGRAM

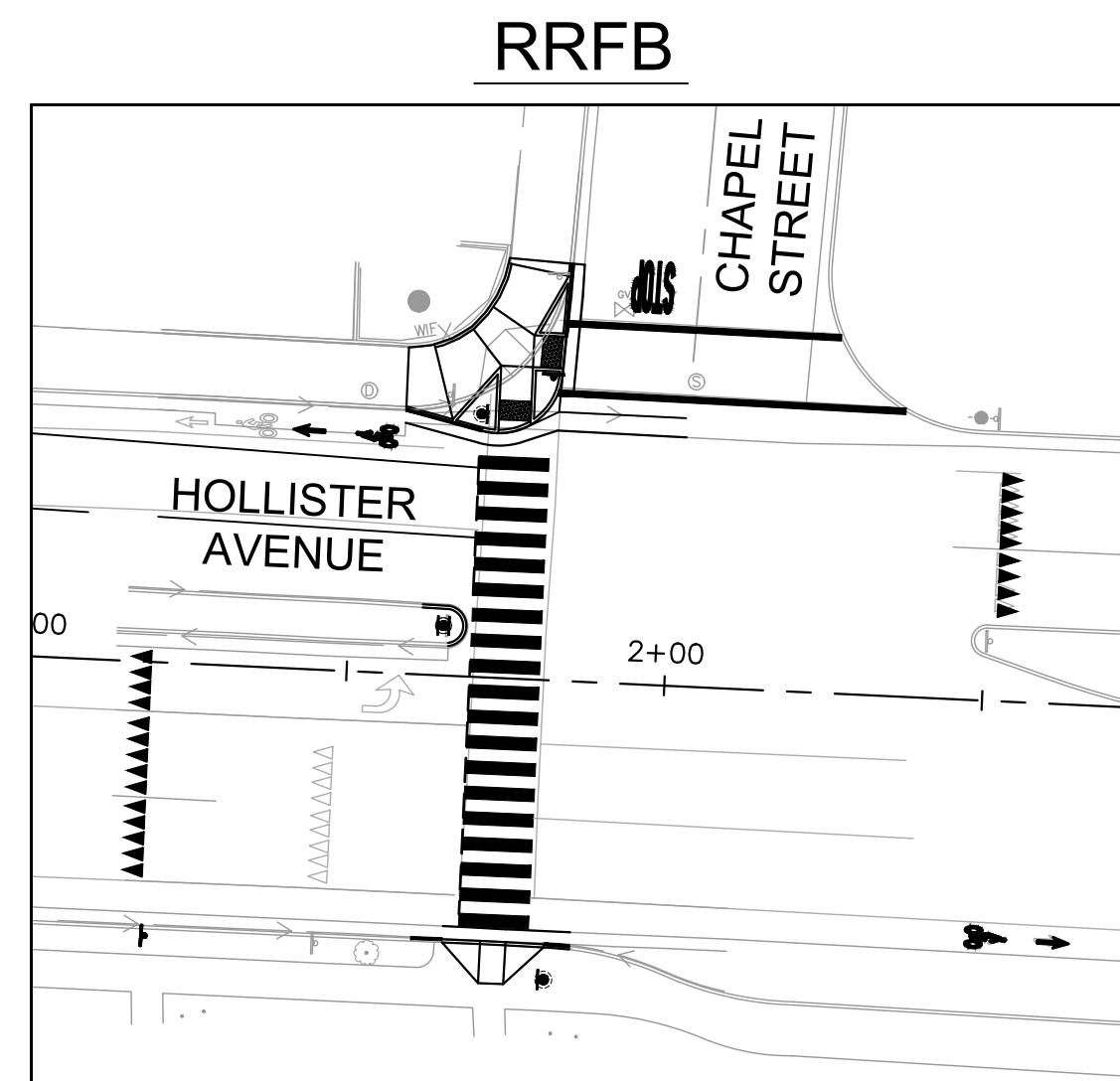
CITY OF GOLETA  
PUBLIC WORKS DEPARTMENT  
PROJECT PLANS FOR CONSTRUCTION  
**RECTANGULAR RAPID FLASHING BEACONS  
(RRFB) AT CHAPEL, PEDESTRIAN HYBRID  
BEACON (PHB) AT KINGSTON**  
IN SANTA BARBARA COUNTY

CALTRANS 2015 STANDARD PLANS  
CALTRANS 2015 STANDARD SPECIFICATIONS  
TO BE SUPPLEMENTED BY STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION "GREENBOOK" DATED 2015  
STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION "GREENBOOK" DATED 2012  
AND SANTA BARBARA COUNTY STANDARD DETAILS DATED SEPTEMBER 2011

**PROJECT NO. 9058**

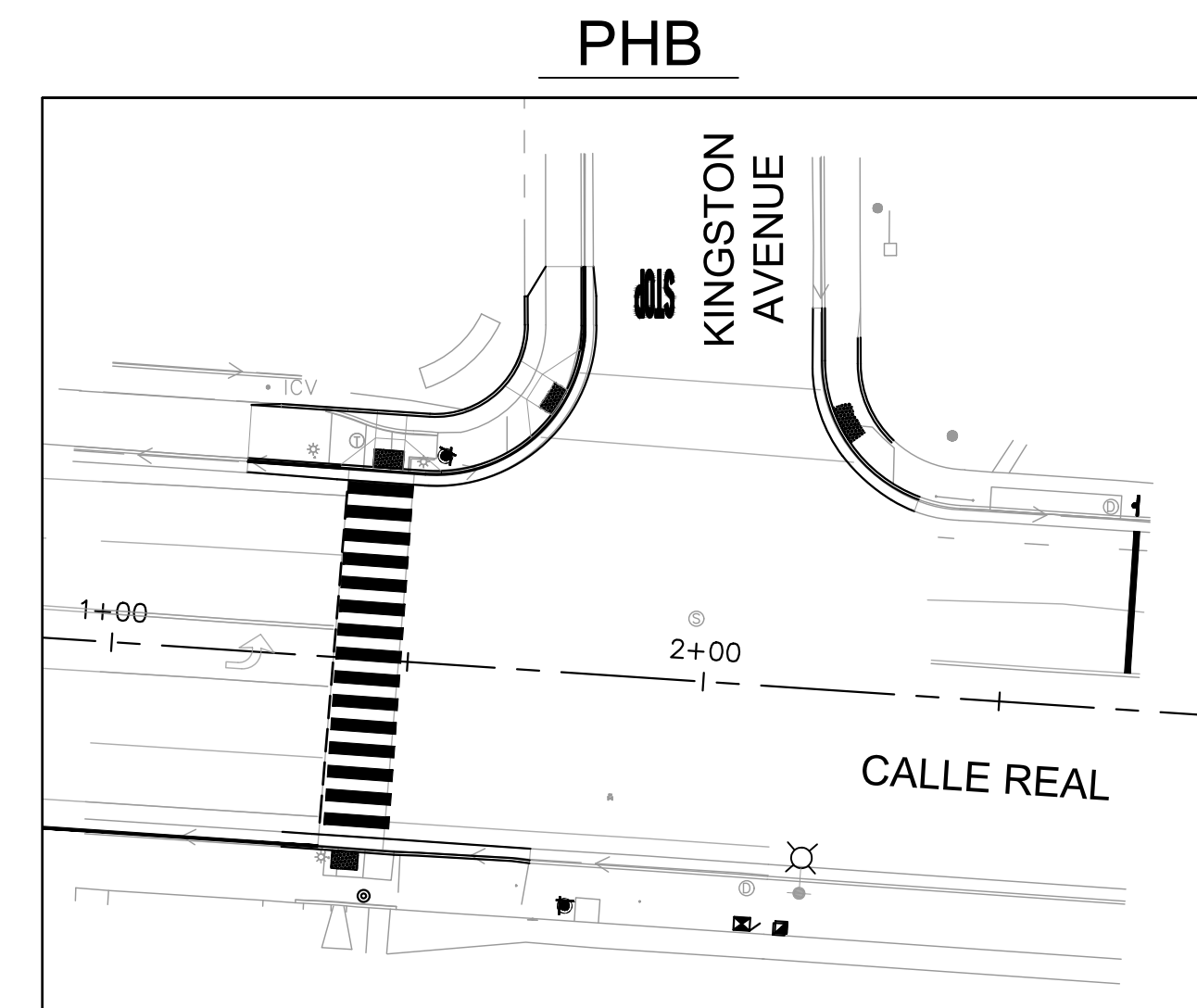


VICINITY MAP  
NO SCALE



**HOLLISTER AVENUE AT CHAPEL STREET**

SCALE: 1"=40'



**CALLE REAL AT KINGSTON AVENUE**

SCALE: 1"=40'

**UTILITY COORDINATION**

SOUTHERN CALIFORNIA EDISON  
103 DAVID LOVE PLACE  
GOLETA, CA 93117  
SHAWN LEE  
(805) 535-5901

ATT TRANSMISSION  
22311 BROOKHURST ST, SUITE 203  
HUNTINGTON BEACH, CA 92646  
JOSEPH FORKERT  
(714) 963-7964

COX COMMUNICATIONS  
PO BOX 787  
GOLETA, CA 93117  
JAMES DRANAM  
(805) 681-3844

GOLETA SANITARY DISTRICT  
1 WILLIAM MOFFETT PLACE  
GOLETA, CA 93117  
LUIS ASTORGA  
(805) 967-4519

NEXTGLAVEN CROWN CASTLE  
2000 CORPORATE DR  
CANONSBURG, PA 15317  
BRYANT LOWE  
(724) 416-2193

GOLETA WATER DISTRICT  
4699 HOLLISTER AVE  
GOLETA, CA 93110  
DAN BROOKS  
(805) 879-4625

LEVEL 3 COMMUNICATIONS  
1025 ELDORADO BLVD  
BROOMFIELD, CO 80021  
(877) 366-8344

FRONTIER COMMUNICATIONS  
201 FLYNN ROAD  
CAMARILLO, CA 93012  
C/O LAD KUZELA  
OSP ENGINEERING  
225 S. FAIRVIEW AVENUE  
GOLETA, CA 93117  
(805)964-8303

SOUTHERN CALIFORNIA GAS  
9400 OAKDALE AVE  
CHATSWORTH, CA 91311  
CARL MONTELEONE  
(805) 681-7945

SPRINT  
2592 DUPONT DR  
IRVINE, CA 92612  
TIBOR LAKY  
(800) 659-9698

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PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

APPROVED: *[Signature]* DATE: 3/30/20  
CITY ENGINEER ORIGINAL SIGNED DATE

DESIGN CHECKED  
DRAWN 100%  
DRAFT

NO.	DATE	APPROVED	REVISIONS

CITY OF GOLETA  
**RRFB CHAPEL, PHB KINGSTON**  
TITLE SHEET

**9058**  
PBW. NO.

03-19  
BID NO.

T-1  
SHT. DES.  
DWG. NO.

SHT. 01 OF 16



**GENERAL NOTES**

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, CALTRANS 2015 STD PLANS AND SPECIFICATIONS (2015), THE COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS ENGINEERING DESIGN STANDARDS, AND GREENBOOK STANDARD PLANS AND SPECIFICATIONS.
- WORK HOURS SHALL BE FROM 7:30 A.M. TO 4:30 P.M., MONDAY THROUGH FRIDAY, UNLESS OTHERWISE SPECIFIED BY THE PUBLIC WORKS DEPARTMENT. THE HOURS SHALL BE STRICTLY ADHERED TO. ANY DEVIATION FROM THE SCHEDULE REQUIRES PRIOR APPROVAL FROM THE CITY ENGINEER.
- CONTRACTOR SHALL MAINTAIN A CLEAN AND ORDERLY WORK ZONE AND IS RESPONSIBLE FOR RESOLVING COMPLAINTS GENERATED BY THE WORK.
- NO DEBRIS OR SPOILS SHALL BE LEFT IN THE PUBLIC RIGHT-OF-WAY OVERNIGHT.
- LIMITS OF CONCRETE REMOVAL SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO START OF WORK.
- ALL CONCRETE THAT IS REMOVED SHALL BE SAW CUT AND REMOVED TO THE NEXT NEAREST EXPANSION JOINT. ALL CUTS ARE TO BE PERPENDICULAR TO THE CURB AND GUTTER WITH NO LONGITUDINAL CUTS OR DIAGONAL CUTS.
- ANY CURB, GUTTER, OR SIDEWALK SECTIONS WHICH ARE TO BE REMOVED AND/OR CONSTRUCTED SHALL BE REPLACED IN MINIMUM 5 FOOT SECTIONS IN ACCORDANCE WITH THE COUNTY OF SANTA BARBARA DEPARTMENT OF PUBLIC WORKS ROAD STANDARDS AND AS DIRECTED BY THE CITY ENGINEER.
- ALL CONCRETE CONSTRUCTION TO INCLUDE RAMPS SHALL BE IN ACCORDANCE WITH THE MOST CURRENT AMERICANS WITH DISABILITIES ACT (A.D.A.) REQUIREMENTS AND REGULATIONS.
- FORM INSPECTIONS WILL BE REQUIRED PRIOR TO PLACEMENT OF CONCRETE AND AT THE COMPLETION OF WORK.
- WHEN THE SIDEWALK WIDTH EXCEEDS 6', LONGITUDINAL SCORE AT THE CENTER OF THE SIDEWALK SHALL BE PROVIDED. ADDITIONAL WIDTH TO MAINTAIN A MINIMUM OF 4' OF CLEAR SIDEWALK SHALL BE PROVIDED WHEN OBSTRUCTIONS SUCH AS UTILITIES EXIST.
- REMOVAL OF THE SIDEWALK MAY BE REQUIRED IF THE EXISTING SIDEWALK IS BROKEN OR NOT CONSTRUCTED TO THE FINISHED ELEVATION.
- NOTIFY THE CITY ENGINEER AND ALL OTHER INTERESTED PARTIES AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO THE START OF WORK.
- AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO COMMENCING CONSTRUCTION, CONTACT THE REGIONAL NOTIFICATION CENTER (UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA - U.S.A. AT 811) AND REQUEST THAT UTILITY OWNERS MARK OR OTHERWISE INDICATE THE LOCATION OF THEIR FACILITIES. BEFORE COMMENCING ANY EXCAVATION, POT HOLE AND EXPOSE THE EXISTING UTILITIES AT ALL CROSSINGS AND AT THE POINT OF TIE-IN; THEN CONTACT THE [CITY'S REPRESENTATIVE] SO THE ELEVATION OF THE EXISTING FACILITIES CAN BE VERIFIED. TAKE ALL NECESSARY MEASURES TO PROTECT ALL UTILITIES AND ALL STRUCTURES FOUND AT THE SITE.
- DURING ALL PHASES OF CONSTRUCTION, INCLUDING SUSPENSION OF WORK, UNTIL FINAL ACCEPTANCE OF THE PROJECT, OBSERVE, FOLLOW AND IMPLEMENT ALL THE REQUIREMENTS OF THE NPDES AND STORMWATER POLLUTION PREVENTION PROGRAM AND KEEP THE WORK SITE CLEAN AND FREE FROM RUBBISH AND DEBRIS. ALSO ABATE DUST NUISANCE BY CLEANING, SWEEPING AND SPRINKLING WITH WATER AND USING DUST FENCES OR THEIR METHODS AS DIRECTED BY THE [CITY'S REPRESENTATIVE] THROUGHOUT THE CONSTRUCTION OPERATION.
- KEEP A STRICT RECORD OF ALL CHANGES AND SUBMIT THIS RECORD TO THE CITY PUBLIC WORKS DEPARTMENT. ALSO COORDINATE TRANSFERRING "AS-BUILT" INFORMATION ON THE CONTRACT DRAWINGS AND DELIVER THE CERTIFIED "AS-BUILT" PLANS TO THE CITY BEFORE FINAL ACCEPTANCE OF THE PROJECT.
- EXERCISE DUE CARE TO AVOID INJURY TO EXISTING IMPROVEMENTS OR FACILITIES, UTILITY FACILITIES, ADJACENT PROPERTY, AND TREES AND SHRUBBERY THAT ARE NOT TO BE REMOVED. ALL DAMAGE CAUSED TO PUBLIC STREETS, INCLUDING HAUL ROUTES, ALLEYS, SIDEWALKS, CURBS OR STREET FURNISHINGS, OR TO PRIVATE PROPERTY SHALL BE REPAIRED AT THE SOLE EXPENSE OF THE CONTRACTOR TO THE SATISFACTION OF THE [CITY'S REPRESENTATIVE].
- DESIGNATE AND KEEP ON THE PROJECT AT ALL TIMES WHILE WORK IS BEING PERFORMED A COMPETENT SUPERINTENDENT WHO SHALL NOT BE REPLACED WITHOUT A WRITTEN NOTICE TO THE [CITY'S REPRESENTATIVE]. THE SUPERINTENDENT WILL BE THE CONTRACTOR'S REPRESENTATIVE AT THE SITE AND SHALL HAVE AUTHORITY TO ACT ON BEHALF OF THE CONTRACTOR. ALL COMMUNICATIONS GIVEN TO THE SUPERINTENDENT SHALL BE AS BINDING AS IF GIVEN TO THE CONTRACTOR. DURING PERIODS WHEN THE WORK IS SUSPENDED, MAKE APPROPRIATE ARRANGEMENTS FOR ANY EMERGENCY WORK WHICH MAY BE REQUIRED.
- WHEN THE WORK ON ANY PORTION IS SUFFICIENTLY COMPLETE TO BE USED OR PLACED INTO SERVICE, THE CITY SHALL HAVE THE RIGHT UPON WRITTEN NOTIFICATION TO THE CONTRACTOR TO UTILIZE SUCH PORTIONS OF THE WORK AND TO PLACE THE OPERABLE PORTIONS INTO SERVICE AND TO OPERATE SAME. UPON SAID NOTICE AND COMMENCEMENT OF UTILIZATION OR OPERATION BY THE CITY, THE CONTRACTOR SHALL BE RELIEVED OF THE DUTY OF MAINTAINING THE PORTIONS SO UTILIZED OR PLACED INTO OPERATION; PROVIDED, HOWEVER, THAT NOTHING IN THIS NOTE SHALL BE CONSTRUED AS RELIEVING THE CONTRACTOR OF THE FULL RESPONSIBILITY FOR COMPLETING THE WORK IN ITS ENTIRETY, FOR MAKING GOOD DEFECTIVE WORK AND MATERIALS, FOR PROTECTING THE WORK FROM DAMAGE, AND FOR BEING RESPONSIBLE FOR DAMAGE.
- CONDUCT OPERATIONS AS TO OFFER THE LEAST POSSIBLE OBSTRUCTION AND INCONVENIENCE TO THE PUBLIC, AND HAVE UNDER CONSTRUCTION NO GREATER LENGTH OR AMOUNT OF WORK THAN HE CAN PROSECUTE PROPERLY WITH DUE REGARD TO THE RIGHTS OF THE PUBLIC. CONVENIENT ACCESS TO DRIVEWAYS, HOUSES, AND BUILDINGS ALONG THE LINE OF WORK SHALL BE MAINTAINED AND TEMPORARY CROSSINGS SHALL BE PROVIDED AND MAINTAINED IN GOOD CONDITION. NO MORE THAN ONE CROSSING OR INTERSECTION STREET OR ROAD SHALL BE CLOSED AT ANY ONE TIME.
- UNTIL THE ACCEPTANCE OF THE WORK, THE CONTRACTOR IN RESPONSIBLE CHARGE AND CARE OF THE WORK AND OF THE MATERIALS TO BE USED THEREIN (INCLUDING

MATERIALS FOR WHICH THE CONTRACTOR HAS RECEIVED PARTIAL PAYMENT OR MATERIALS WHICH HAVE BEEN FURNISHED BY THE CITY) AND SHALL BEAR THE RISK OF INJURY, LOSS, OR DAMAGE TO ANY PART THEREOF BY THE ACTION OF ELEMENTS OR FROM ANY OTHER CAUSE, WHETHER ARISING FROM THE EXECUTION OR FROM THE NON-EXECUTION OF THE WORK.

- IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK; AND FULLY COMPLY WITH ALL STATE, FEDERAL AND OTHER LAWS, RULES, REGULATIONS, AND ORDER RELATING TO SAFETY OF WORKERS AND ALL OTHERS. THIS MAY INCLUDE THE ISSUANCE OF PERSONAL PROTECTIVE EQUIPMENT.
- ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE OWNER OR THOSE SHOWN ON RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE CONTRACTOR, BY ACCEPTING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS PURSUANT THERETO, UNDERSTANDS THAT HE AGREES TO ASSUME THE LIABILITY, AND AGREES TO HOLD THE CITY HARMLESS FOR ANY LIABILITY FOR DAMAGE RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE CITY, NOT INDICATED ON THE PUBLIC RECORDS EXAMINED, OR LOCATED AT VARIANCE WITH THAT REPORTED OR SHOWN ON RECORDS EXAMINED. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES CONCERNED BEFORE STARTING WORK.
- TYPICAL DETAILS APPLY WHETHER OR NOT THEY ARE SPECIFICALLY REFERENCED ON INDIVIDUAL PLANS, DETAILS OR SECTIONS.
- VERIFY DIMENSIONS AND CONDITIONS AT THE SITE BEFORE STARTING WORK. ANY CONFLICT BETWEEN DETAILS OR DIMENSIONS ON THE DRAWINGS SHALL BE REPORTED PROMPTLY TO THE CITY'S REPRESENTATIVE WHO WILL DETERMINE THE INTENT OF THE DRAWINGS.

**TRAFFIC CONTROL**

- TRAFFIC CONTROL SHALL INCLUDE ALL MATERIAL, LABOR, AND EQUIPMENT TO PROVIDE SAFE AND EFFECTIVE WORK AREAS AND TO WARN, CONTROL, PROTECT, AND EXPEDITE VEHICULAR, BICYCLE, AND PEDESTRIAN TRAFFIC. ALL WORK AND MATERIAL PROVIDED UNDER THIS SECTION SHALL BE PERFORMED OR FURNISHED IN ACCORDANCE WITH THE FOLLOWING PUBLICATIONS AS APPLICABLE:
  - STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, LATEST EDITION
  - STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS, LATEST EDITION
  - STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (CAMUTCD), LATEST EDITION.
- NO WORK SHALL BE PERFORMED IN PUBLIC RIGHTS-OF-WAY WITHOUT PERMISSION AND PERMITS FROM THE CITY ENGINEER.
- CONSTRUCTION AREA, DETOUR, AND SPECIAL SIGNS SHALL BE FURNISHED, INSTALLED, MAINTAINED, AND REMOVED WHEN NO LONGER REQUIRED IN ACCORDANCE WITH THE PROVISIONS IN PART 12, "TEMPORARY TRAFFIC CONTROL" OF THE CALTRANS STD SPECS.

**BENCHMARK DATA**

KINGSTON AVENUE AT CALLE REAL:

SURVEY DATE 03/07/2018  
ASSUMED COORDINATES WERE USED TO PERFORM THIS SURVEY.

BASIS OF BEARINGS - N86°11'08"W AS SHOWN ON SUBDIVISION MAP OF TRACT 12,251 IN BOOK 92, PAGE 69. BETWEEN FOUND MONUMENTS.

TBM - POINT #213 1/2" IRON PIPE & PLASTIC PLUG  
MARKED "LS 3804" EL=300.00'

CHAPEL STREET AT HOLLISTER AVENUE:

SURVEY DATE 03/07/2018  
ASSUMED COORDINATES WERE USED TO PERFORM THIS SURVEY.

BASIS OF BEARINGS - N86°55'00"W AS SHOWN ON PARCEL MAP NO. 12,958 IN BOOK 23, PAGES 98-99. BETWEEN FOUND MONUMENTS.

TBM - POINT #226 FOUND NAIL & TAG EL=200.00'

**ABBREVIATIONS**

PROJECT ABBREVIATIONS REFER TO CALTRANS STANDARD PLANS A3A TO A3C AND THE FOLLOWING BELOW:

AB	AGGREGATE BASE	O/H OR OH	OVERHEAD
AC	ASPHALT CONCRETE	OD	OUTER DIAMETER
ALIGN	ALIGNMENT	OG	ORIGINAL GROUND
C&G	CURB AND GUTTER	PCC	PORTLAND CEMENT CONCRETE
CB	CATCH BASIN	PED	PEDESTRIAN
CF	CURB FACE	PEU	PHOTOELECTRIC UNIT
CL OR CL	CENTER LINE	PHB	PEDESTRIAN HYBRID BEACON
CL 2 AB	CLASS 2 AGGREGATE BASE	POC	POINT OF CONNECTION
CLF	CHAIN LINK FENCE	PPB	PEDESTRIAN PUSH BUTTON
CONST	CONSTRUCT	PROP	PROPOSED
D	DROP INLET MANHOLE	RCP	REINFORCED CONCRETE PIPE
DI	DROP INLET	ROW OR R/W	RIGHT OF WAY
DIA	DIAMETER	RRFB	RECTANGULAR RAPID FLASHING BEACON
DWY OR D/W	DRIVEWAY	RT	RIGHT
E	EAST	S	SOUTH
EB	EASTBOUND	SB	SOUTHBOUND
EG	EXISTING GROUND/GRADE	SD	STORM DRAIN
EL OR ELEV	ELEVATION	SDMH	STORM DRAIN MANHOLE
EP	EDGE OF PAVEMENT	SE	SOUTHEAST
EPB OR ELPB	ELECTRIC PULLBOX	SIG	SIGNAL
EX OR EXIST	EXISTING	SOCAL	SOUTHERN CALIFORNIA
FG	FINISHED GRADE	SNS	STREET NAME SIGN
FH	FIRE HYDRANT	SS	SEWER
FL	FLOW LINE	SSMH	SANITARY SEWER MANHOLE
FS	FINISHED SURFACE	STA	STATION
FT	FEET	STD	STANDARD
GB	GRADE BREAK	STLT	STREET LIGHT
GL	GUTTER LIP	SW/SWK	SIDEWALK
GV	GAS VALVE	TC	TOP OF CURB
H	CURB HEIGHT	TCB	TRAFFIC CONTROL BOX
HA	HOLLISTER AVENUE	TCE	TEMPORARY CONSTRUCTION EASEMENT
HORIZ	HORIZONTAL	TEL	TELEPHONE
ICP	IRRIGATION CONTROL PAD	TSPB	TRAFFIC SIGNAL PULL BOX
ICV	IRRIGATION CONTROL VALVE	THP	TYPICAL
INV	INVERT	UVLT	UTILITY VAULT
IRR	IRRIGATION CONTROL BOX	V	VERTICAL
KA	KINGSTON AVENUE	VC	VERTICAL CURVE
LT	LEFT	VCP	VITRIFIED CLAY PIPE
MAX	MAXIMUM	VEH	VEHICLE
MH	MANHOLE	VERT	VERTICAL
MIN	MINIMUM	W	WATER
MOD	MODIFIED	WB	WESTBOUND
NB	NORTHBOUND	WM	WATER METER
NE	NORTHEAST	WV	WATER VALVE
NW	NORTHWEST		

PROPERTY LINES ARE APPROXIMATE



PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

APPROVED: *Cheryl DeB...*  
DATE 3/30/20  
CITY ENGINEER ORIGINAL SIGNED DATE

DESIGN DRAWN CHECKED  
100%  
DRAFT

NO.	DATE	APPROVED	REVISIONS

CITY OF GOLETA  
**RRFB CHAPEL, PHB KINGSTON**  
GENERAL NOTES

**9058**  
FBW. NO.  
**03-19**  
BID NO. SHT. DES.  
**G-1**  
DWG. NO.

SHT. 02 OF 16



NO.	DATE	APPROVED	DESIGN	DRAWN	CHECKED	100 %	DRAFT



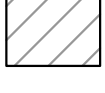
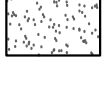
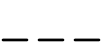

CITY OF GOLETA  
**RRFB CHAPEL, PHB KINGSTON**  
 DEMOLITION AND UTILITY PLAN - CHAPEL STREET

9058	FBW. NO.
03-19	BID. NO. SHT. DES.
DM-1	DWG. NO.
SHT. 03 OF 16	

**GENERAL NOTES**

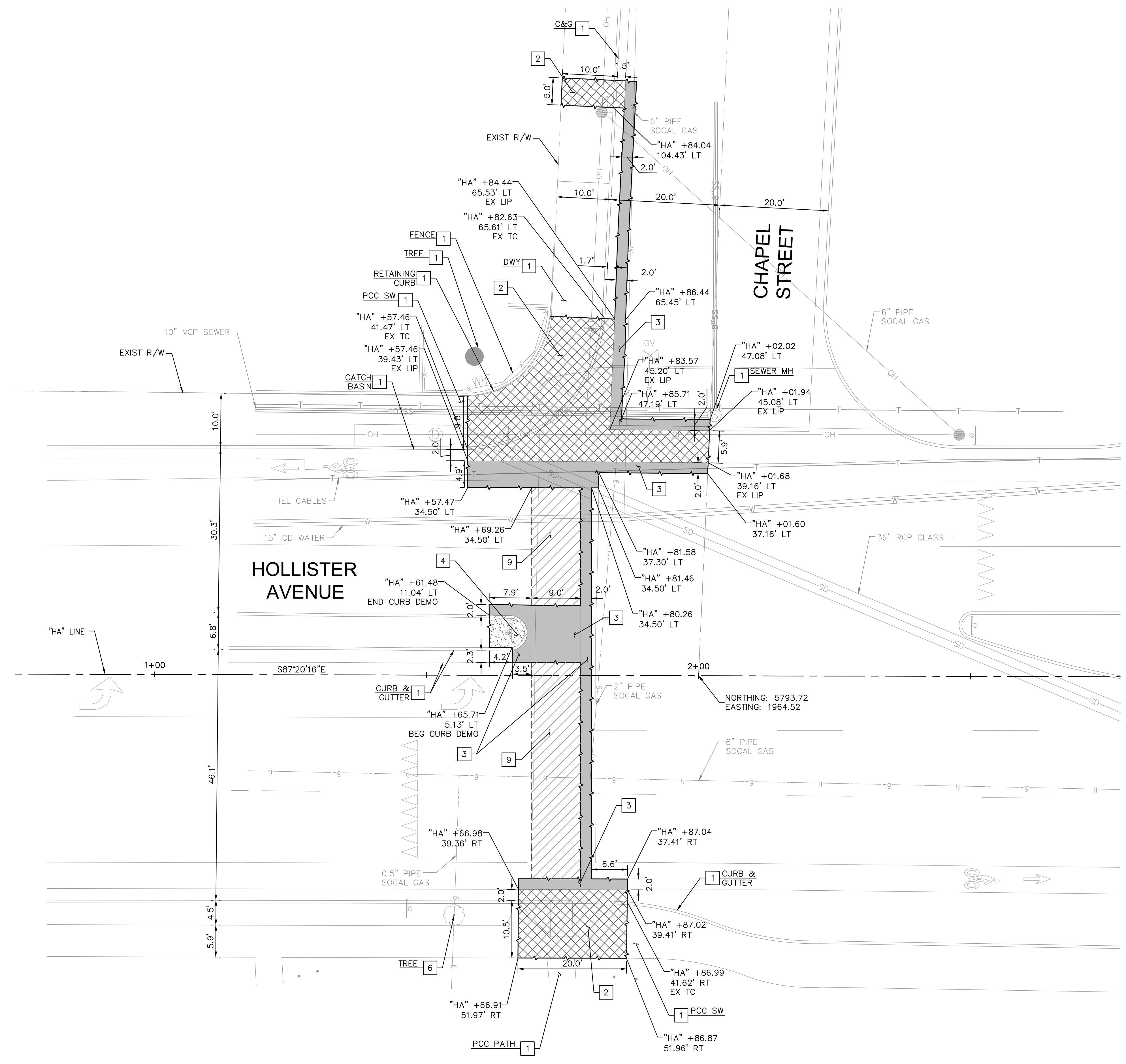
1. VERIFY THE EXISTENCE AND HORIZONTAL/VERTICAL LOCATION OF ALL UTILITIES WITHIN THE PROJECT AREA THAT MAY CONFLICT WITH THE PROPOSED CONSTRUCTION. VERIFY THAT ANY UTILITIES SHOWN TO BE RELOCATED BY OTHERS HAVE BEEN RELOCATED AND ARE NO LONGER IN CONFLICT. IMMEDIATELY NOTIFY THE ENGINEER OF ANY REMAINING UTILITY CONFLICTS PRIOR TO THE START OF ANY DEMOLITION WORK.
2. CONTRACTOR SHALL MAINTAIN EXISTING ELECTRICAL CIRCUITS FOR EQUIPMENT NOT REMOVED DURING DEMOLITION.
3. FOR SIGN REMOVALS OR RELOCATIONS REFER TO SIGNING AND STRIPING PLANS.
4. SEE ELECTRICAL PLANS FOR ELECTRICAL AND STREET LIGHTING EQUIPMENT REMOVALS, ADJUSTMENTS, RELOCATIONS, AND NEW INSTALLATIONS.
5. UNLESS OTHERWISE SHOWN ON PLANS, CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS WITHIN THE PROJECT GRADING LIMITS AND REMOVE ALL IMPEDANCES FOR THE PROPOSED FACILITIES.

**LEGEND**

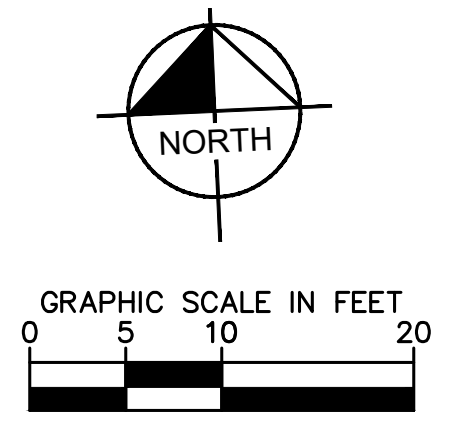
-  CONCRETE AND BASE REMOVAL (INCLUDES CURB, SIDEWALK, AND OTHER CONCRETE SURFACING IN CONFLICT WITH THE PROPOSED IMPROVEMENTS)
-  FULL DEPTH ASPHALT CONCRETE REMOVAL AND BASE REMOVAL
-  GRIND ASPHALT CONCRETE
-  CLEAR AND GRUB (3" MIN)
-  SAWCUT
-  LIMIT OF IMPROVEMENTS

**DEMOLITION NOTES**

1. PROTECT IN PLACE.
2. SAWCUT, REMOVE, AND DISPOSE OF EXISTING PCC CONCRETE AND BASE TO NEAREST JOINT (SIDEWALK, ADA RAMP, CURB, GUTTER, AND MISCELLANEOUS AREAS).
3. SAWCUT, REMOVE, AND DISPOSE OF EXISTING ASPHALT PAVEMENT, CRUSHED AGGREGATE BASE, AND SUBGRADE TO ESTABLISH FINISHED SURFACE.
4. REMOVE VEGETATION, DEBRIS, AND OTHER MATERIAL IN CONFLICT WITH THE PROPOSED IMPROVEMENTS (CLEAR AND GRUB 3" MIN).
6. REMOVE TREE TO IMPROVE SIGHT LINES. RELOCATE OR INSTALL NEW PLACEMENT TREE IN LOCATION IDENTIFIED BY THE CITY ENGINEER.
9. GRIND 2" DEPTH OF EXISTING ASPHALT PAVEMENT.



PROPERTY LINES ARE APPROXIMATE



K:\LDT\_RDWY\09968001 - RRFB Chapel, PHB Kingston\Design\2 Sheets\3a. Demolition and Utility - Chapel Street.dwg: 3/30/2020 7:19 PM; Georgalis, Yiota



**GENERAL NOTES**

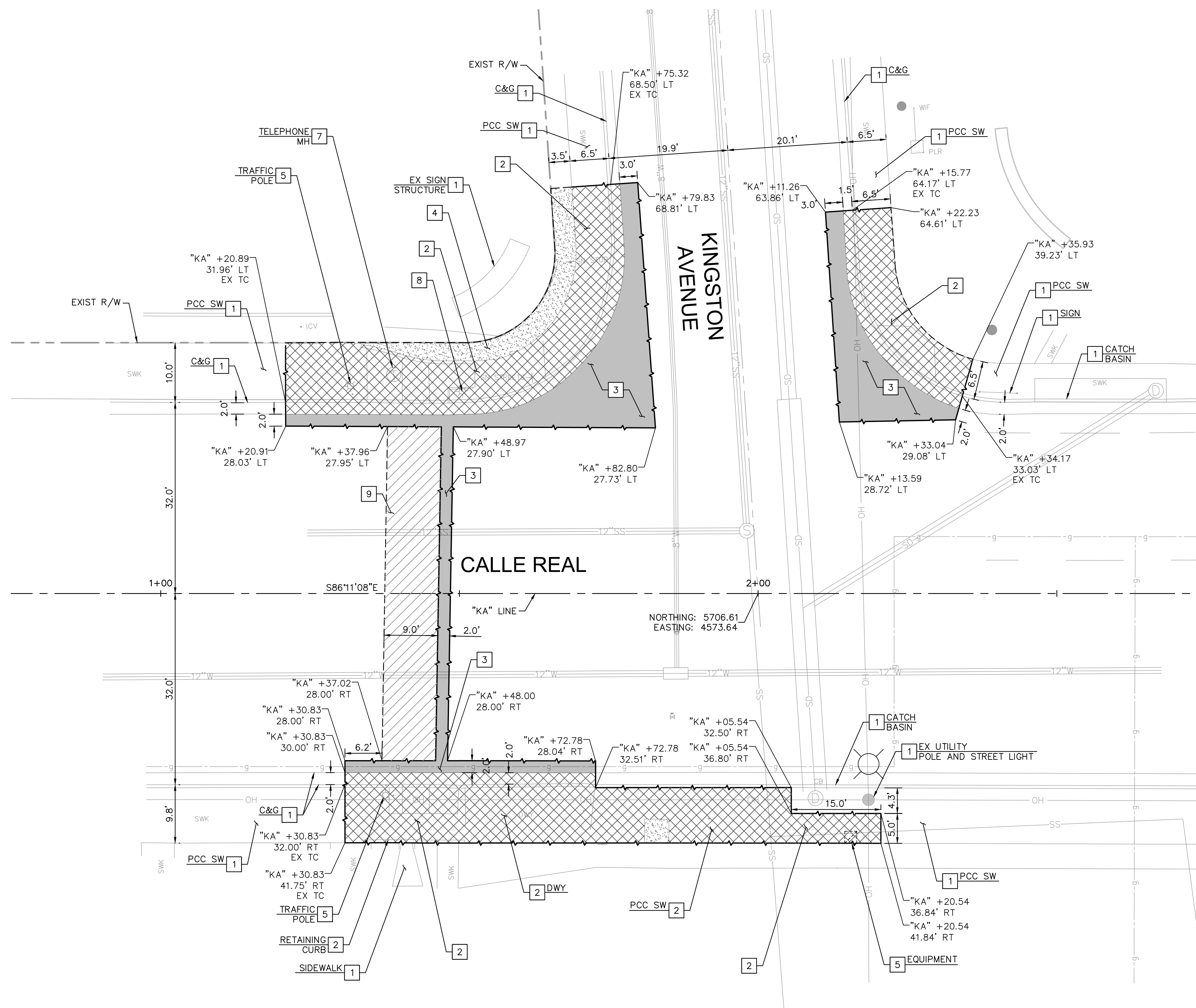
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2. CONTRACTOR SHALL MAINTAIN EXISTING ELECTRICAL CIRCUITS FOR EQUIPMENT NOT REMOVED DURING DEMOLITION.
3. FOR SIGN REMOVALS OR RELOCATIONS REFER TO SIGNING AND STRIPING PLANS.
4. SEE ELECTRICAL PLANS FOR ELECTRICAL AND STREET LIGHTING EQUIPMENT REMOVALS, ADJUSTMENTS, RELOCATIONS, AND NEW INSTALLATIONS.
5. UNLESS OTHERWISE SHOWN ON PLANS, CONTRACTOR SHALL CLEAR AND GRUB ALL AREAS WITHIN THE PROJECT GRADING LIMITS AND REMOVE ALL IMPEDANCES FOR THE PROPOSED FACILITIES.

**LEGEND**

- CONCRETE AND BASE REMOVAL (INCLUDES CURB, SIDEWALK, AND OTHER CONCRETE SURFACING IN CONFLICT WITH THE PROPOSED IMPROVEMENTS)
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- GRIND ASPHALT CONCRETE
- CLEAR AND GRUB (3" MIN)
- SAWCUT
- LIMIT OF IMPROVEMENTS

**DEMOLITION NOTES**

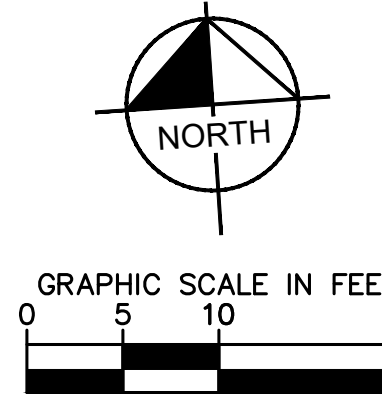
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3. SAWCUT, REMOVE, AND DISPOSE OF EXISTING ASPHALT PAVEMENT, CRUSHED AGGREGATE BASE, AND SUBGRADE TO ESTABLISH FINISHED SURFACE.
4. REMOVE VEGETATION, DEBRIS, AND OTHER MATERIAL IN CONFLICT WITH THE PROPOSED IMPROVEMENTS (CLEAR AND GRUB 3" MIN).
5. REMOVE SERVICE EQUIPMENT ENCLOSURES AND/OR TRAFFIC POLE. SEE ELECTRICAL PLANS.
7. ADJUST UTILITIES TO GRADE (TYPE PER PLAN).
8. REMOVE EXISTING STREET LIGHT AND FOUNDATION, COMPLETE. RELOCATE EXISTING CITY BANNER TO NEW POLE, SEE SHEET SI-2 FOR DETAILS.
9. GRIND 2" DEPTH OF EXISTING ASPHALT PAVEMENT.



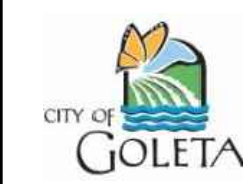
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 WWW.KIMLEY-HORN.COM

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 DEPARTMENT  
 ENGINEERING DIVISION  
 DATE: 3/30/20  
 CITY ENGINEER: [Signature]  
 ORIGINAL SIGNED DATE: [Signature]

DESIGN	APPROVED	DATE
DRAWN	CHECKED	
100 %		
DRAFT		
NO.	REVISIONS	

CITY OF GOLETA  
**RRFB CHAPEL, PHB KINGSTON**  
**STREET IMPROVEMENT PLAN - CHAPEL STREET**

9058  
 FBW. NO.  
 03-19  
 BID NO. SHT. DES.  
 SI-1  
 DWG. NO.  
 SHT. 05 OF 16

**GENERAL NOTES**

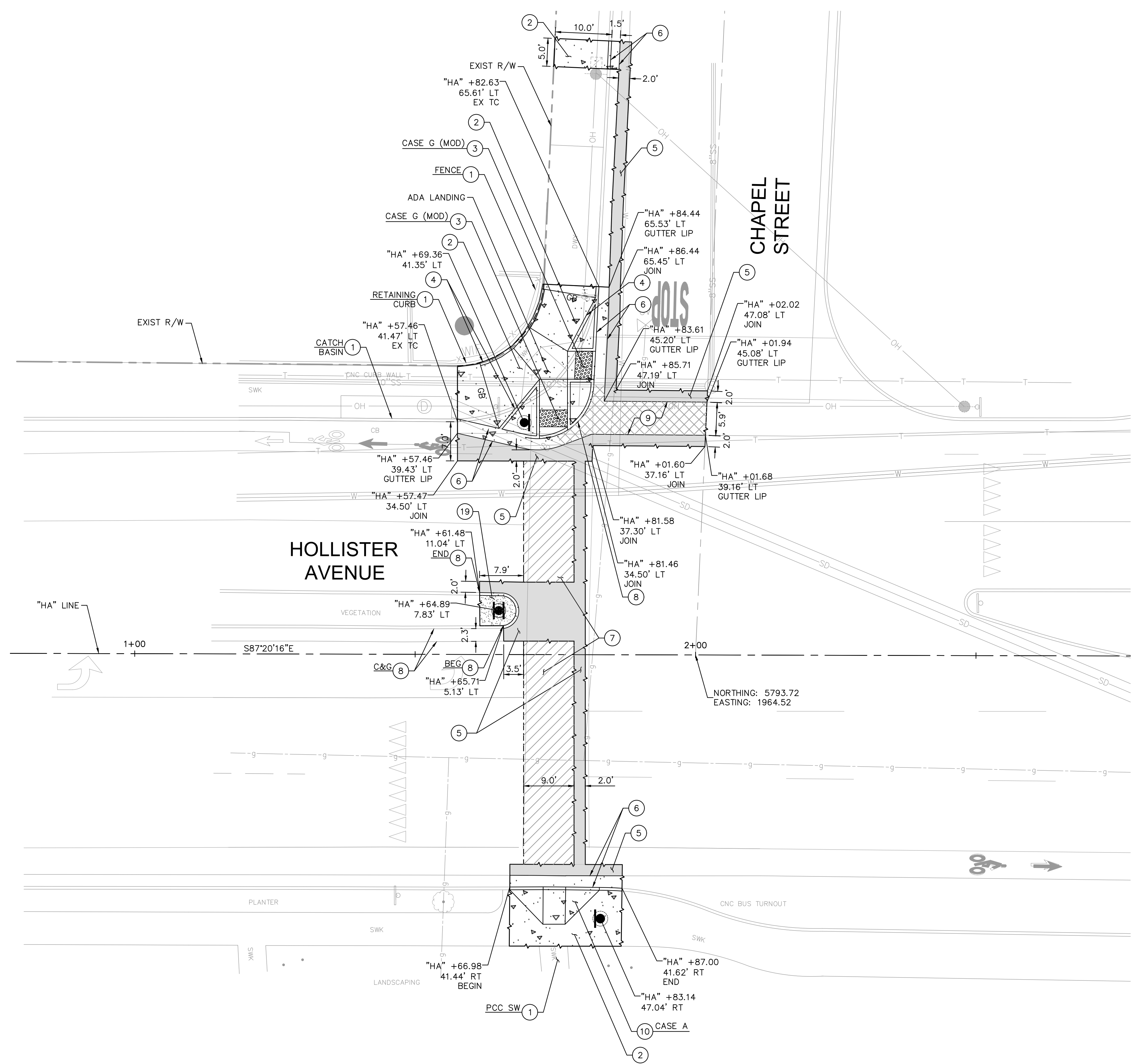
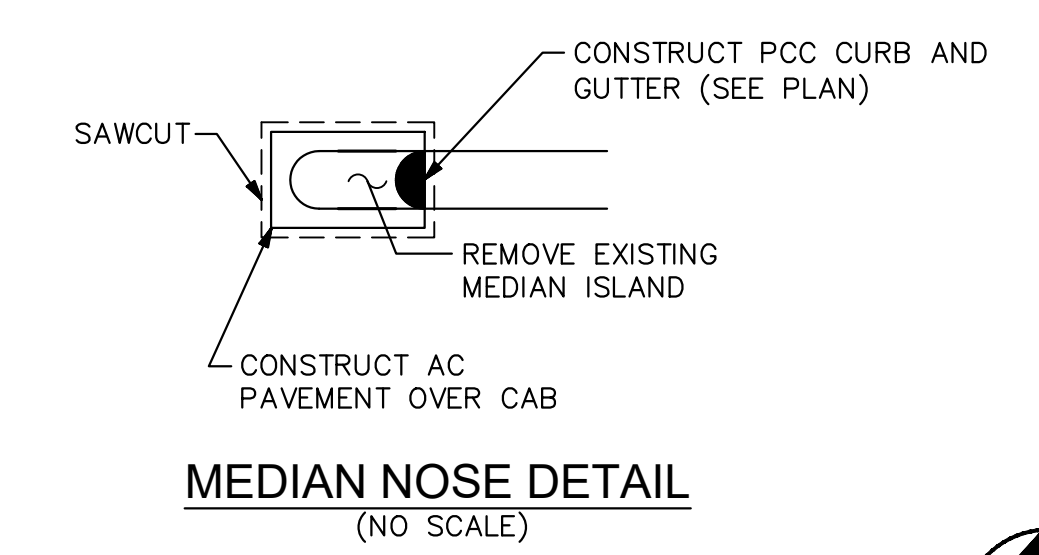
1. VERIFY THE EXISTENCE AND HORIZONTAL/VERTICAL LOCATION OF ALL UTILITIES WITHIN THE PROJECT AREA THAT MAY CONFLICT WITH THE PROPOSED CONSTRUCTION. VERIFY THAT ANY UTILITIES SHOWN TO BE RELOCATED BY OTHERS HAVE BEEN RELOCATED AND ARE NO LONGER IN CONFLICT. IMMEDIATELY NOTIFY THE ENGINEER OF ANY REMAINING UTILITY CONFLICTS PRIOR TO THE START OF ANY CONSTRUCTION WORK.
2. ALL GUTTER SLOPES AT PEDESTRIAN RAMPS SHALL NOT EXCEED 4.5%. SEE CONSTRUCTION DETAIL PLANS FOR MORE INFORMATION.
3. ALL SIDEWALK SHALL MATCH EXISTING SIDEWALK PATTERN, COLOR, AND FINISH.
4. FOR SIGN REMOVALS OR RELOCATIONS REFER TO SIGNING AND STRIPING PLAN, SHEET SS-1.
5. SEE ELECTRICAL PLANS FOR REMOVALS, RELOCATIONS, AND/OR ADJUSTMENTS OF RRFB POLES AND RELATED IMPROVEMENTS, SHEETS E-1.
6. CONTRACTOR SHALL MAINTAIN EXISTING ELECTRICAL CIRCUITS FOR EQUIPMENT NOT REMOVED DURING DEMOLITION.
7. EXISTING WATER METERS AND FIRE HYDRANTS SHALL REMAIN IN OPERATION UNTIL NEW SYSTEMS ARE OPERATIONAL. SEE UTILITY PLANS FOR IMPROVEMENTS.
8. SEE CONSTRUCTION DETAIL SHEET, CD-3, FOR LINE AND CURVE TABLE, OFFSETS, AND ELEVATIONS.

**LEGEND**

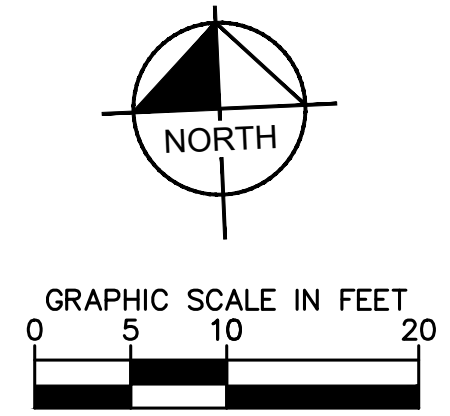
- PCC SIDEWALK AND BASE
- PCC LONGITUDINAL GUTTER
- ASPHALT CONCRETE FULL DEPTH AND BASE
- ASPHALT CONCRETE OVERLAY (2")
- DETECTABLE WARNING SURFACE
- SAWCUT WITH FULL DEPTH REMOVALS
- LIMIT OF IMPROVEMENTS
- GB GRADE BREAK
- RRFB/SEE ELECTRICAL PLAN E-1

**CONSTRUCTION NOTES**

1. PROTECT IN PLACE.
2. CONSTRUCT 4" PCC SIDEWALK OVER 6" CL 2 AGGREGATE BASE PER SPPWC STD PLAN 112-2.
3. CONSTRUCT CURB RAMP (CASE PER PLAN) PER CALTRANS STD PLAN RSP A88A WITH 3" DEEP DETECTABLE WARNING SURFACE (COLOR YELLOW). DIMENSIONS AND ELEVATIONS PER SHEETS CD-3 - CD-5.
4. CONSTRUCT 6" RETAINING CURB PER SPPWC STD PLAN 120-2, TYPE A1-6.
5. CONSTRUCT FULL DEPTH AC PAVEMENT, 6" AC PAVEMENT OVER 15" CL 2 AGGREGATE BASE, OVER COMPACTED SUBGRADE.
6. CONSTRUCT 6" CURB WITH GUTTER PER MODIFIED SPPWC STD PLAN 120-2, TYPE A1-6.
7. CONSTRUCT 2" AC OVERLAY.
8. CONSTRUCT 6" CURB PER SPPWC STD PLAN 120-2, TYPE A1-6 (WITHIN LONGITUDINAL GUTTER).
9. CONSTRUCT CONCRETE LONGITUDINAL GUTTER PER SPPWC STD PLAN 122-2.
10. ADJUST CURB RAMP FLARE.
19. CONSTRUCT MIN 6" NATIVE SOIL TO FINISHED GRADE.



PROPERTY LINES  
 ARE APPROXIMATE



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**Kimley-Horn**  
 660 S. FIGUEROA ST., SUITE 2050  
 LOS ANGELES, CA 90017  
 PHONE: 213-261-4400  
 WWW.KIMLEY-HORN.COM

PUBLIC WORKS DEPARTMENT  
 ENGINEERING DIVISION  
 DATE: 3/30/20  
 ORIGINAL SIGNED DATE: \_\_\_\_\_  
 CITY ENGINEER: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_

NO.	DATE	APPROVED	DESIGN	DRAWN	CHECKED	100 % DRAFT

CITY OF GOLETA  
**RRFB CHAPEL, PHB KINGSTON  
 STREET IMPROVEMENT PLAN - KINGSTON AVENUE**

9058  
 PBW. NO.  
 03-19  
 BID NO. SHT. DES.  
 SI-2  
 DWG. NO.  
 SHT. 06 OF 16

**GENERAL NOTES**

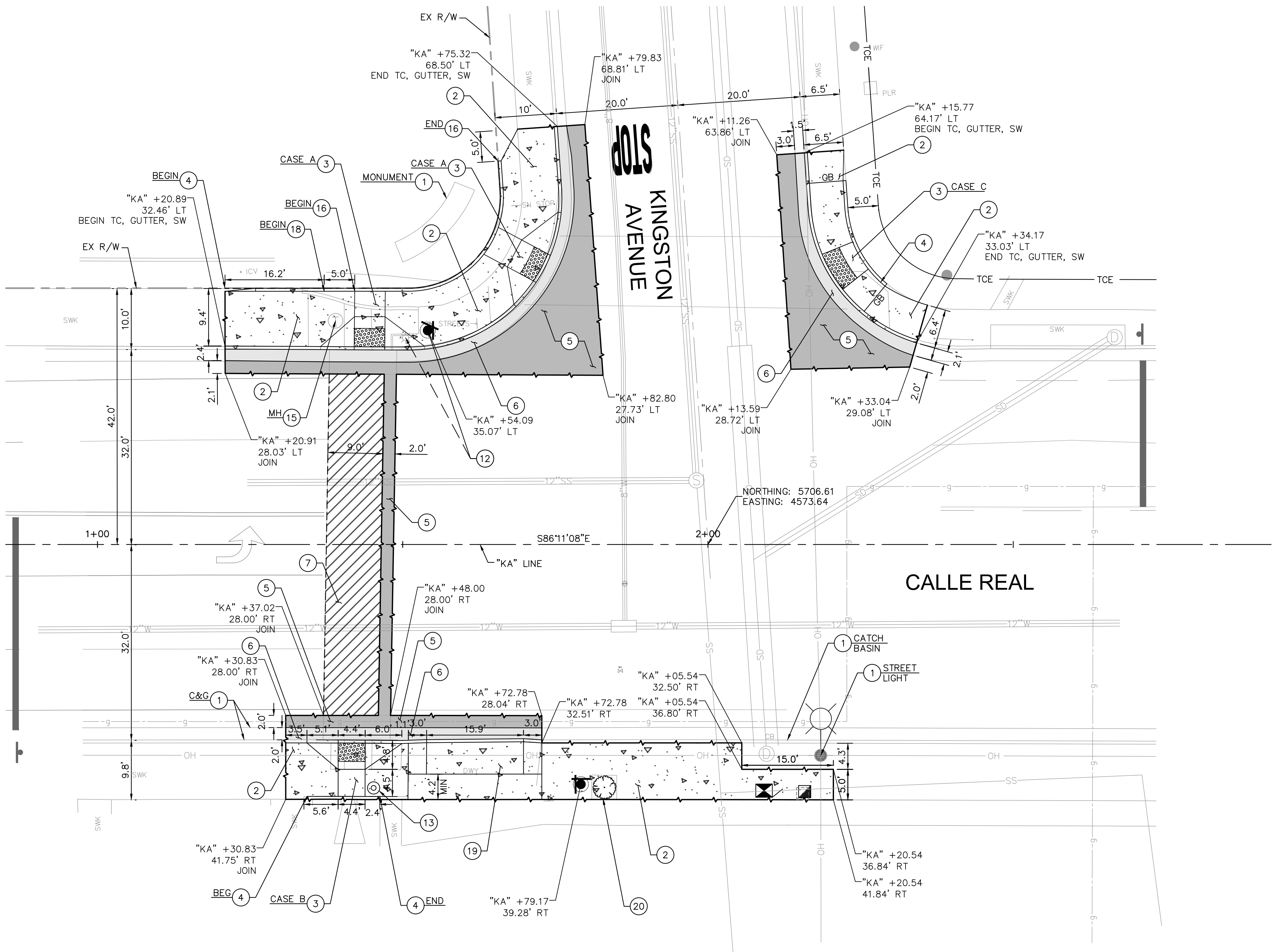
1. VERIFY THE EXISTENCE AND HORIZONTAL/VERTICAL LOCATION OF ALL UTILITIES WITHIN THE PROJECT AREA THAT MAY CONFLICT WITH THE PROPOSED CONSTRUCTION. VERIFY THAT ANY UTILITIES SHOWN TO BE RELOCATED BY OTHERS HAVE BEEN RELOCATED AND ARE NO LONGER IN CONFLICT. IMMEDIATELY NOTIFY THE ENGINEER OF ANY REMAINING UTILITY CONFLICTS PRIOR TO THE START OF ANY CONSTRUCTION WORK.
2. ALL GUTTER SLOPES AT PEDESTRIAN RAMPS SHALL NOT EXCEED 4.5%. SEE CONSTRUCTION DETAIL PLANS FOR MORE INFORMATION.
3. ALL SIDEWALK SHALL MATCH EXISTING SIDEWALK PATTERN, COLOR, AND FINISH.
4. FOR SIGN REMOVALS OR RELOCATIONS REFER TO SIGNING AND STRIPING PLAN, SHEET SS-2.
5. SEE ELECTRICAL PLANS FOR REMOVALS, RELOCATIONS, AND/OR ADJUSTMENTS OF PHB POLES AND RELATED IMPROVEMENTS, SHEETS E-2.
6. CONTRACTOR SHALL MAINTAIN EXISTING ELECTRICAL CIRCUITS FOR EQUIPMENT NOT REMOVED DURING DEMOLITION.
7. EXISTING WATER METERS AND FIRE HYDRANTS SHALL REMAIN IN OPERATION UNTIL NEW SYSTEMS ARE OPERATIONAL. SEE UTILITY PLANS FOR IMPROVEMENTS.
8. SEE CONSTRUCTION DETAIL SHEET, CD-4 AND CD-5, FOR LINE AND CURVE TABLE, OFFSETS, AND ELEVATIONS.

**LEGEND**

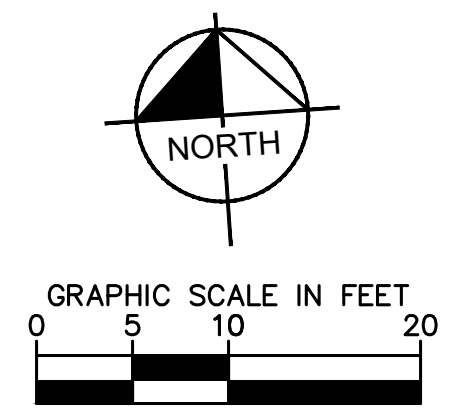
- PCC SIDEWALK AND BASE
- PCC GUTTER
- FULL DEPTH AND BASE ASPHALT CONCRETE
- ASPHALT CONCRETE OVERLAY (2")
- DETECTABLE WARNING SURFACE
- MINOR GRADING CONFORM
- SAWCUT WITH FULL DEPTH REMOVALS
- LIMIT OF IMPROVEMENTS
- GB GRADE BREAK
- PHB/SEE ELECTRICAL PLAN E-2
- PHB/SEE ELECTRICAL PLAN E-2

**CONSTRUCTION NOTES**

1. PROTECT IN PLACE.
2. CONSTRUCT 4" PCC SIDEWALK OVER 6" CL 2 AGGREGATE BASE PER SPPWC STD PLAN 112-2.
3. CONSTRUCT CURB RAMP (CASE PER PLAN) PER CALTRANS STD PLAN RSP A88A WITH 3" DEEP DETECTABLE WARNING SURFACE (COLOR YELLOW). DIMENSIONS AND ELEVATIONS PER SHEETS CD-3 - CD-5.
4. CONSTRUCT 6" RETAINING CURB PER SPPWC STD PLAN 120-2, TYPE A1-6.
5. CONSTRUCT FULL DEPTH AC PAVEMENT, 6" AC PAVEMENT OVER 15" CL 2 AGGREGATE BASE, OVER COMPACTED SUBGRADE.
6. CONSTRUCT 6" CURB WITH GUTTER PER MODIFIED SPPWC STD PLAN 120-2, TYPE A1-6.
7. CONSTRUCT 2" AC OVERLAY.
12. RELOCATE CITY BANNER TO NEW POLE.
13. CONSTRUCT PEDESTRIAN PUSH BUTTON ASSEMBLY COMPLETE (SEE ELECTRICAL PLANS AND CONSTRUCTION DETAILS).
15. ADJUST UTILITY TO FINAL GRADE (BY OTHERS).
16. CONSTRUCT 12" RETAINING CURB.
18. TRANSITION FROM 6" CURB TO 12" CURB OVER 5 LF PER SPPWC STD PLAN 120-2.
19. CONSTRUCT MIN 6" NATIVE SOIL TO FINISHED GRADE.
20. INSTALL NEW TREE, TYPE PER CITY ENGINEER.



PROPERTY LINES ARE APPROXIMATE



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**GENERAL NOTES**

- EQUIPMENT IN THE FIELD SHALL OPERATE ACCORDING TO THE DESIGN SPECIFIED IN THE PLAN AND SPECIFICATIONS AND TO THE SATISFACTION OF THE ENGINEER-IN-THE-FIELD.
- OBTAIN APPROVAL FOR EXACT EQUIPMENT LOCATION PRIOR TO FINAL PLACEMENT.
- ALL MATERIALS AND EQUIPMENT SHALL BE NEW, FURNISHED AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE NOTED ON THE PLANS.
- ALL TRAFFIC SIGNAL POLES AND FERROUS MATERIALS SHALL BE GALVANIZED.
- SEE SIGNING AND STRIPING PLANS FOR FOR TRAFFIC STRIPING, PAVEMENT MARKERS, PAVEMENT MARKINGS, AND TRAFFIC SIGNS.
- SEE DEMOLITION AND UTILITY PLANS FOR REMOVALS AND UTILITY IMPROVEMENTS.
- ALL PULLBOXES SHALL BE NO. 5, UNLESS OTHERWISE NOTED ON PLAN.

**LEGEND**

- RRFB (SEE CONSTRUCTION DETAILS, CD-1 FOR RRFB AND APPLICABLE SIGN MOUNTING)
- PEDESTRIAN PUSH BUTTON
- CONDUIT
- LUMINAIRE

**CONSTRUCTION NOTES**

- FURNISH AND INSTALL POLE-MOUNTED CONTROL CABINET. SEE SHEET CD-1 FOR DETAILS.
- FURNISH AND INSTALL RECTANGULAR RAPID FLASHING BEACONS PER TAPCO OR APPROVED EQUAL ON NEW POLE AND FOUNDATION. SEE SHEET CD-1 FOR DETAILS AND APPLICABLE SIGNS. FURNISH AND INSTALL NEW POLE AND EQUIPMENT PER POLE SCHEDULE.
- FURNISH AND INSTALL RECTANGULAR RAPID FLASHING BEACONS PER TAPCO OR APPROVED EQUAL ON NEW 12 GAGE SQUARE PERFORATED UNISTRUT-TELESPAR POST, OR APPROVED EQUAL. SEE SHEET CD-1 FOR DETAILS AND APPLICABLE SIGNS.

**POLE AND EQUIPMENT SCHEDULE**

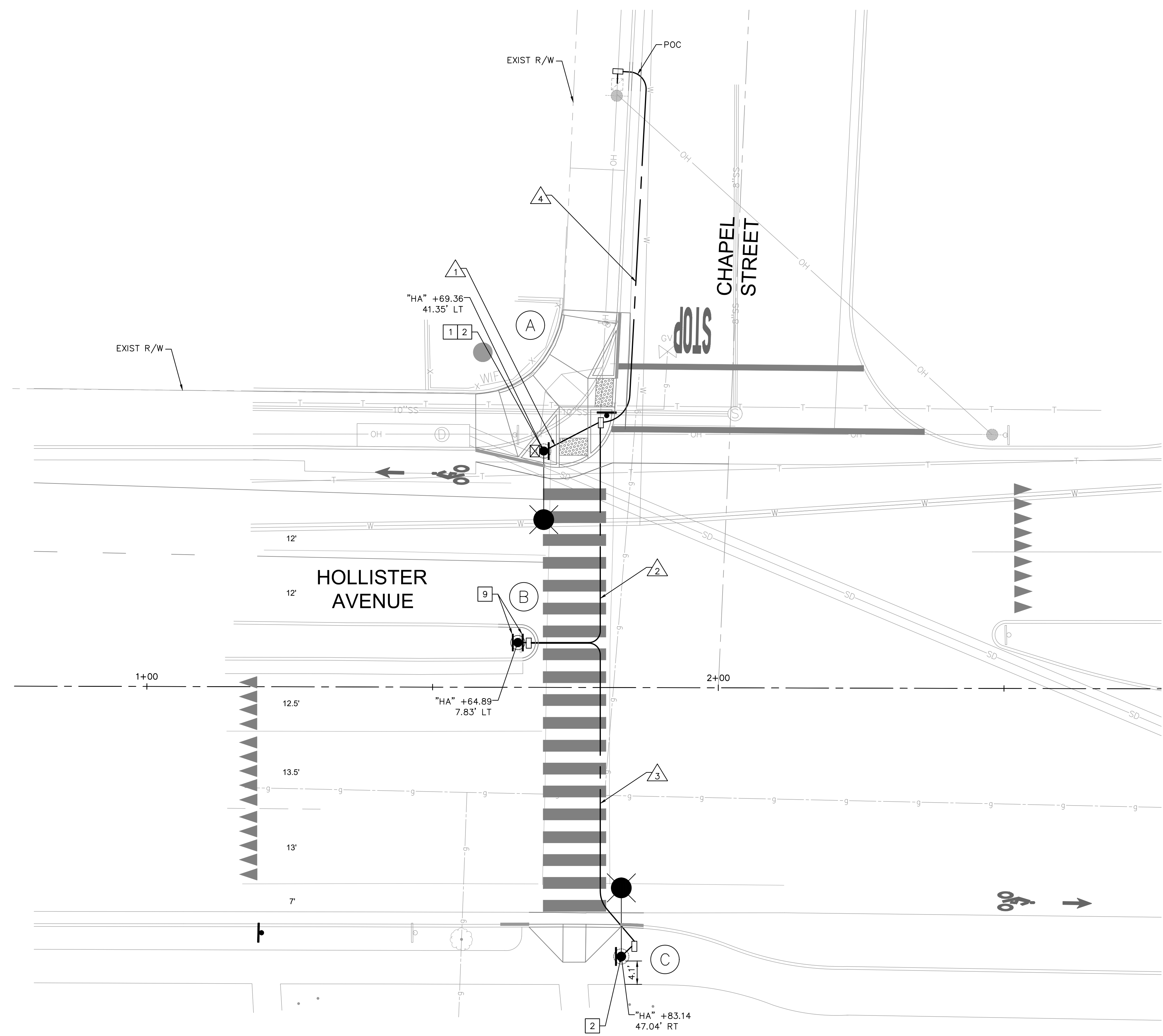
No.	Type	Height	STANDARD		VEH SIG MTG		PED SIGNAL	PPB	LED LUMINAIRE
			SMA	LMA	MAST ARM	POLE			
A	15TS	30'	-	12'	-	-	-	E	165W
B	15-FBS	18'	-	-	-	-	-	-	-
C	15TS	30'	-	12'	-	-	-	W	165W

● ALL EQUIPMENT IS NEW UNLESS OTHERWISE NOTED

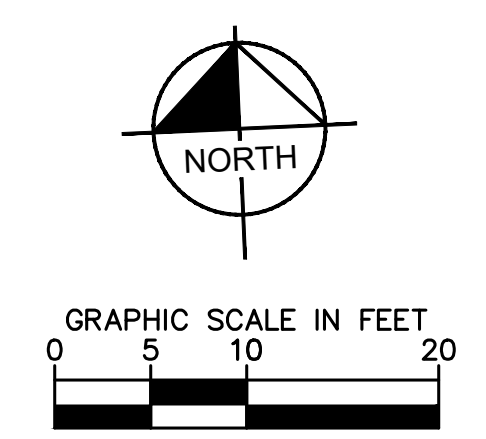
**CONDUCTOR SCHEDULE**

AWG OR CABLE	CONDUCTOR RUN	RUN NUMBER			
		▲	▲	▲	▲
C1	5 CSC	2	2	1	-
#10	LUMINAIRE	2	2	2	2
#6	SERVICE	3	-	-	3
#8	GROUNDING	1	1	1	1
CONDUIT SIZE		3"	3"	3"	3"

● ALL EQUIPMENT IS NEW UNLESS OTHERWISE NOTED



PROPERTY LINES ARE APPROXIMATE









**GENERAL NOTES**

1. ALL ROADSIDE SIGNING, PAVEMENT DELINEATION, MARKINGS, AND MARKERS SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF CALTRANS STANDARDS PLANS (CSP) AND SPECIFICATIONS, AND THE LATEST EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA-MUTCD).
2. ALL EXISTING SIGN NOT SHOWN FOR REMOVAL, RELOCATION, OR RESETTING SHALL BE PROTECTED IN PLACE.
3. EXACT LOCATIONS OF ALL NEW SIGNS SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
4. CONTRACTOR SHALL REMOVE ALL CONFLICTING TRAFFIC STRIPES AND PAVEMENT MARKINGS.
5. TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, UNLESS OTHERWISE NOTED.
6. TRAFFIC STRIPES AND MARKINGS SHALL BE MARKED/CAT-TRACKED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

**SIGN LEGEND**



R1-5

**SIGN CONSTRUCTION NOTES**

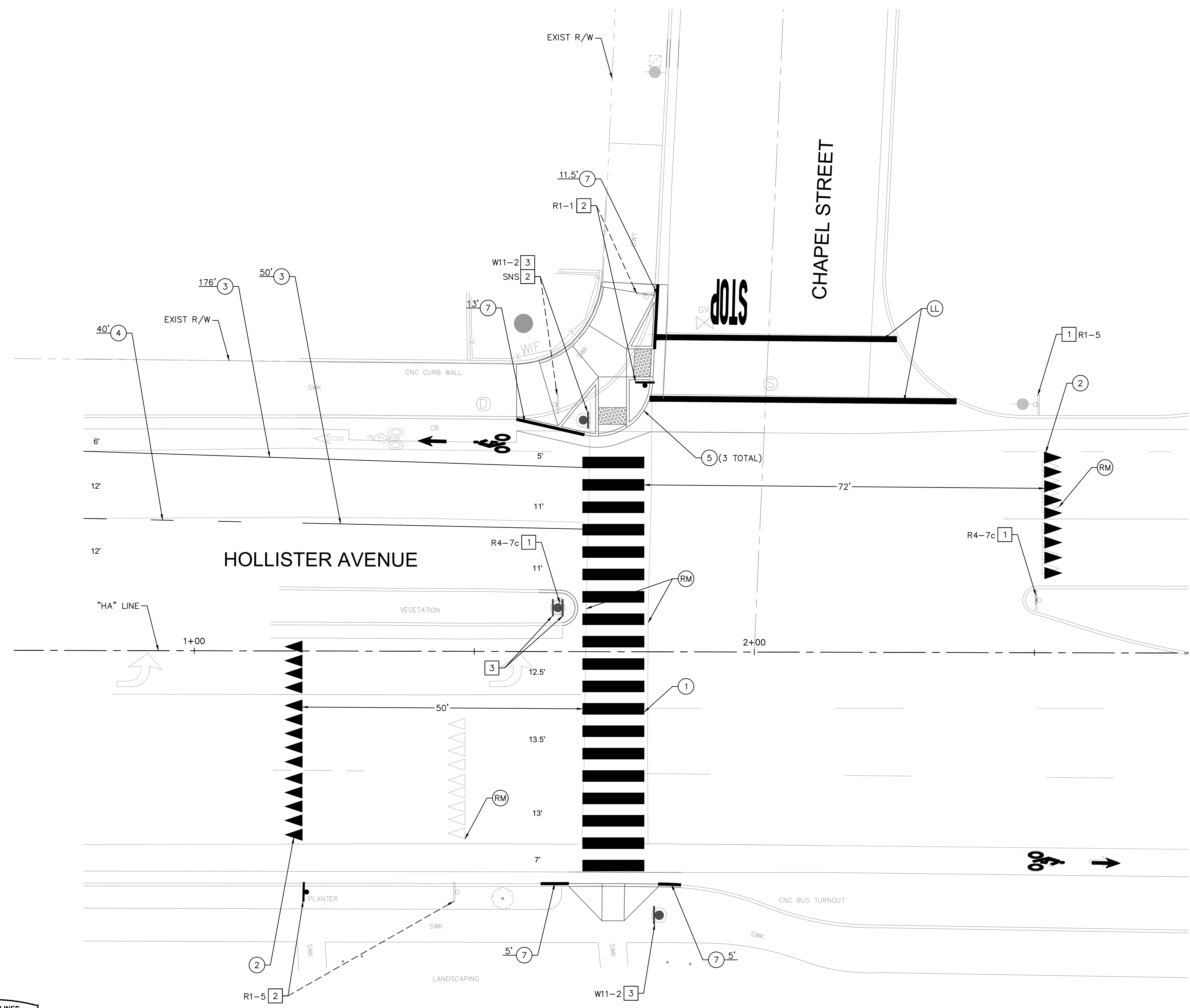
1. PROTECT EXISTING SIGN IN PLACE.
2. REMOVE AND RELOCATE EXISTING SIGN AND POST, COMPLETE.
3. FURNISH AND INSTALL SIGN ON TRAFFIC POLE. SEE SHEET CD-1 AND CD-2 FOR DETAILS.

**STRIPING CONSTRUCTION NOTES**

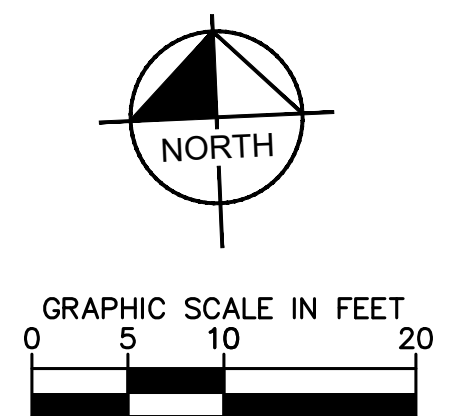
1. FURNISH AND INSTALL THERMOPLASTIC WHITE "CONTINENTAL" CROSSWALK MARKINGS PER CALTRANS STD PLANS A24F (12'L x 2'W x 3' SPACING).
2. FURNISH AND INSTALL YIELD LINE PER CALTRANS STD. PLAN A24E.
3. FURNISH AND INSTALL 6" WHITE LINE, DETAIL 39 PER CALTRANS STD. PLAN A20D.
4. FURNISH AND INSTALL WHITE LINE, DETAIL 12 PER CALTRANS STD. PLAN A20D.
5. FURNISH AND INSTALL WHITE REFLECTIVE PAVEMENT MARKERS 6" OFF FACE OF CURB ON ALL CURB EXTENSIONS.
7. FURNISH AND INSTALL RED CURB (LENGTH PER PLAN).
- LL FURNISH AND INSTALL PAVEMENT MARKING, WHITE LIMIT LINE, 1' WIDE, PER CALTRANS STD PLAN A24E.
- RM REMOVE PAVEMENT MARKINGS, PAVEMENT STRIPES, AND MARKERS.

**PAVEMENT MARKING LEGEND**

- FURNISH AND INSTALL PROPOSED PAVEMENT MARKINGS:
- WORD "STOP" PER CSP A24D
  - BIKE LANE MARKING PER CSP A24C AND CSP A24A



PROPERTY LINES ARE APPROXIMATE



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NO.	DATE	APPROVED	REVISIONS

CITY OF GOLETA  
**RRFB CHAPEL, PHB KINGSTON  
SIGNING AND STRIPING - KINGSTON AVENUE**

9058  
PBW. NO.  
03-19  
BID NO. SHT. DES.  
SS-2  
DWS. NO.  
SHT. 10 OF 16

K:\LDT\_RDWY\09968001 - RRFB Chapel, PHB Kingston\Design\2 Sheets\5b.Signing and Striping.dwg: 3/30/2020 7:30 PM; Georgalis, Yiota

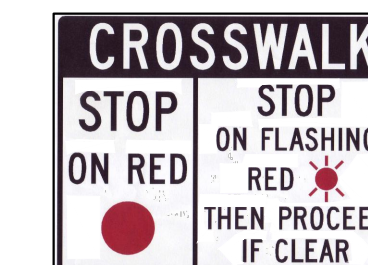
**GENERAL NOTES**

1. ALL ROADSIDE SIGNING, PAVEMENT DELINEATION, MARKINGS, AND MARKERS SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF CALTRANS STANDARDS PLANS (CSP) AND SPECIFICATIONS, AND THE LATEST EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA-MUTCD).
2. ALL EXISTING SIGN NOT SHOWN FOR REMOVAL, RELOCATION, OR RESETTING SHALL BE PROTECTED IN PLACE.
3. FEDERAL SIGN CODES ARE SHOWN UNLESS DESIGNATED BY (CA), WHICH INDICATES A CALIFORNIA SIGN CODE. ADD TWO (2) RED OR ORANGE FLAGS (CLOTH OR RETROREFLECTIVE SHEETING) 16 INCH SQUARE OR LARGER ABOVE NEW R10-23(MOD) SIGNS, WITH THE FLAGS ORIENTED AT 45 DEGREES TO THE VERTICAL. FLAGS SHALL BE MAINTAINED FOR 90 DAYS AFTER WHICH THEY CAN BE REMOVED.
4. EXACT LOCATIONS OF ALL NEW SIGNS SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
5. CONTRACTOR SHALL REMOVE ALL CONFLICTING TRAFFIC STRIPES AND PAVEMENT MARKINGS.
6. TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, UNLESS OTHERWISE NOTED.
7. TRAFFIC STRIPES AND MARKINGS SHALL BE MARKED/CAT-TRACKED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

**SIGN LEGEND**



R10-6



R10-23 (MOD)

**SIGN CONSTRUCTION NOTES**

- 4 FURNISH AND INSTALL SIGN AND POST ON TELESPAR SQUARE TUBE.

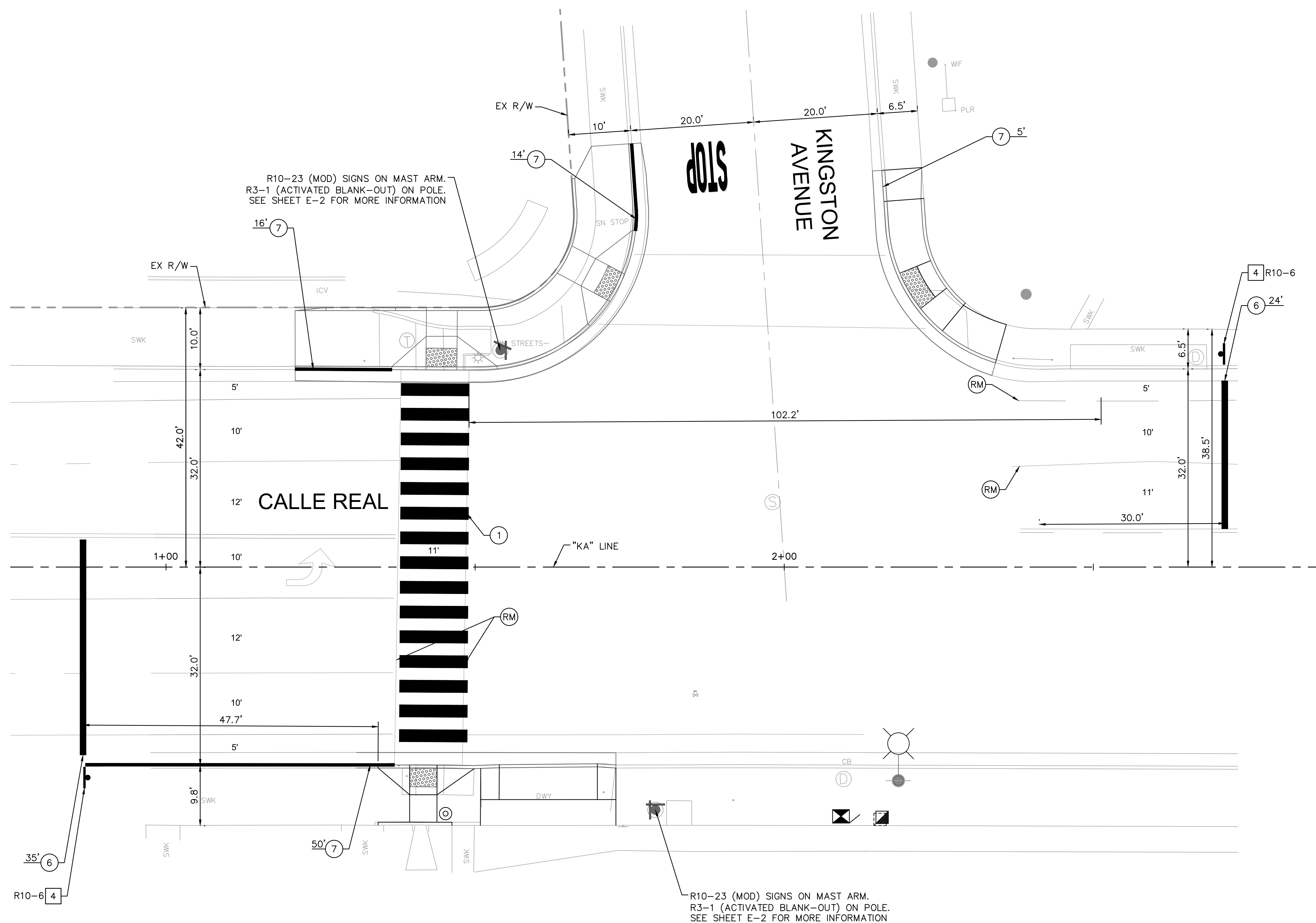
**STRIPING CONSTRUCTION NOTES**

- 1 FURNISH AND INSTALL THERMOPLASTIC WHITE "CONTINENTAL" CROSSWALK MARKINGS PER CALTRANS STD PLANS A24F (12'L x 2'W x 3' SPACING).
- 6 FURNISH AND INSTALL THERMOPLASTIC 12" WIDE LIMIT LINE PER CALTRANS STD. PLAN A24F.
- 7 FURNISH AND INSTALL RED CURB (LENGTH PER PLAN).
- (RM) REMOVE PAVEMENT MARKINGS, PAVEMENT STRIPES, AND MARKERS.

**PAVEMENT MARKING LEGEND**

FURNISH AND INSTALL PROPOSED PAVEMENT MARKINGS:

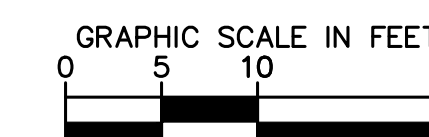
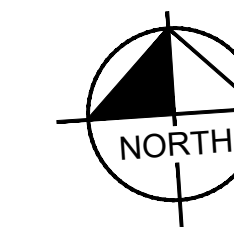
- STOP WORD "STOP" PER CSP A24D



PROPERTY LINES ARE APPROXIMATE



Know what's below.  
Call before you dig.



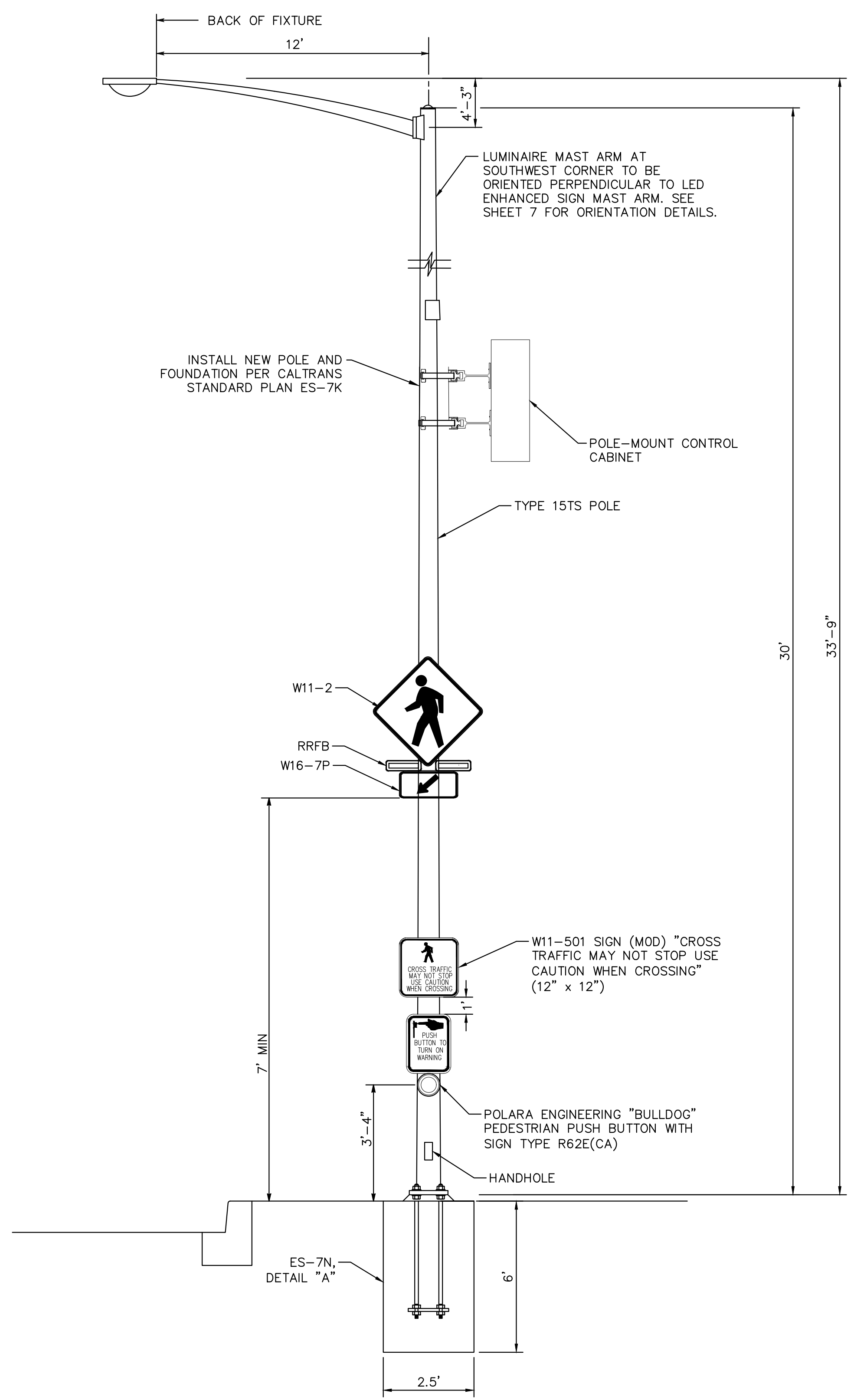


NO.	DATE	APPROVED	REVISIONS

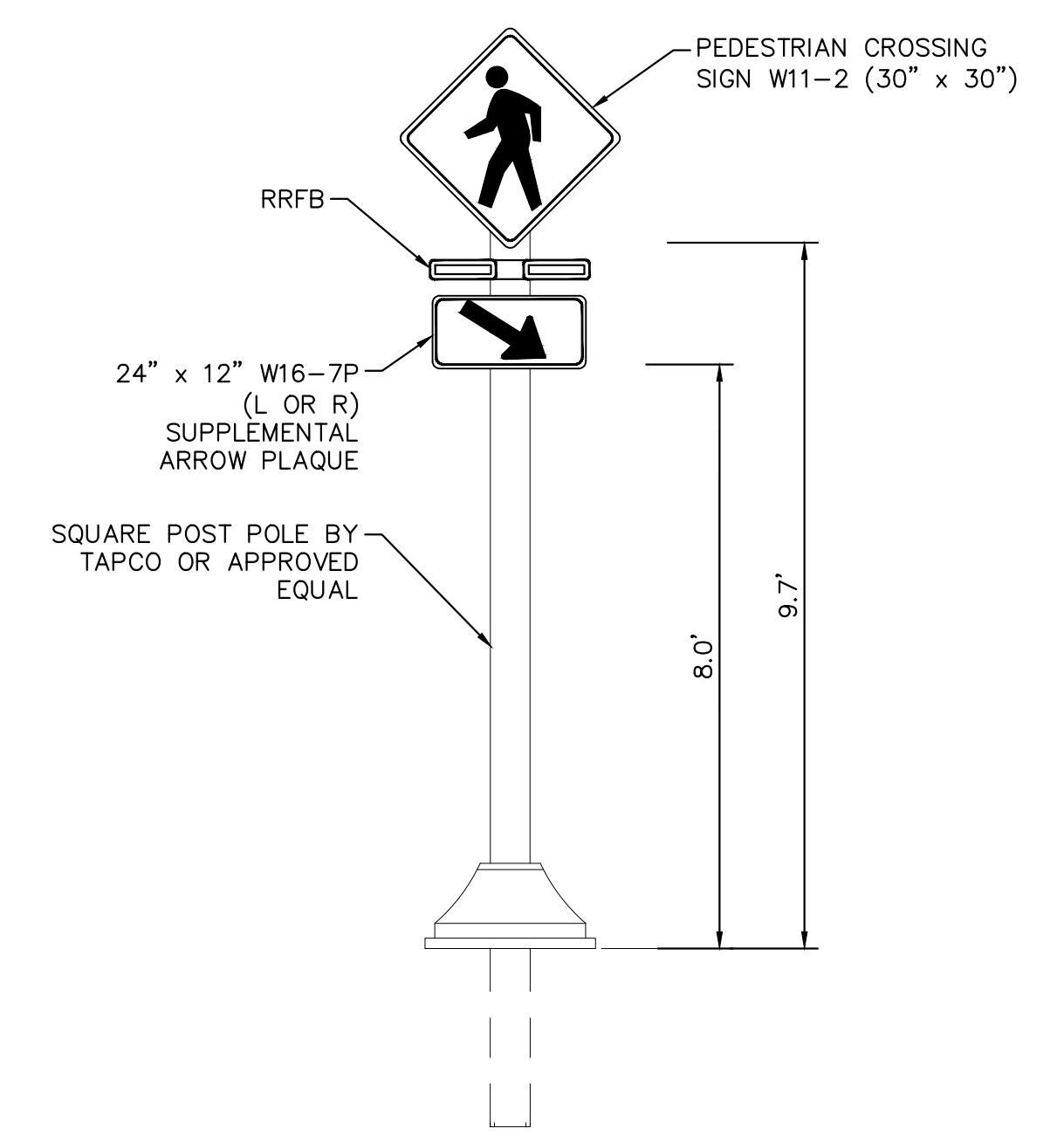
CITY OF GOLETA  
**RRFB CHAPEL, PHB KINGSTON**  
CONSTRUCTION DETAILS - RRFB

9058	PBW. NO.
03-19	BID NO. SHT. DES.
CD-1	DWG. NO.
SHT. 11 OF 16	

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RRFB ASSEMBLY ON TYPE 15 POLE  
NOT TO SCALE



RECTANGULAR RAPID FLASHING BEACON (RRFB)  
ON SQUARE POST  
NOT TO SCALE

PROPERTY LINES  
ARE APPROXIMATE



Know what's below.  
Call before you dig.



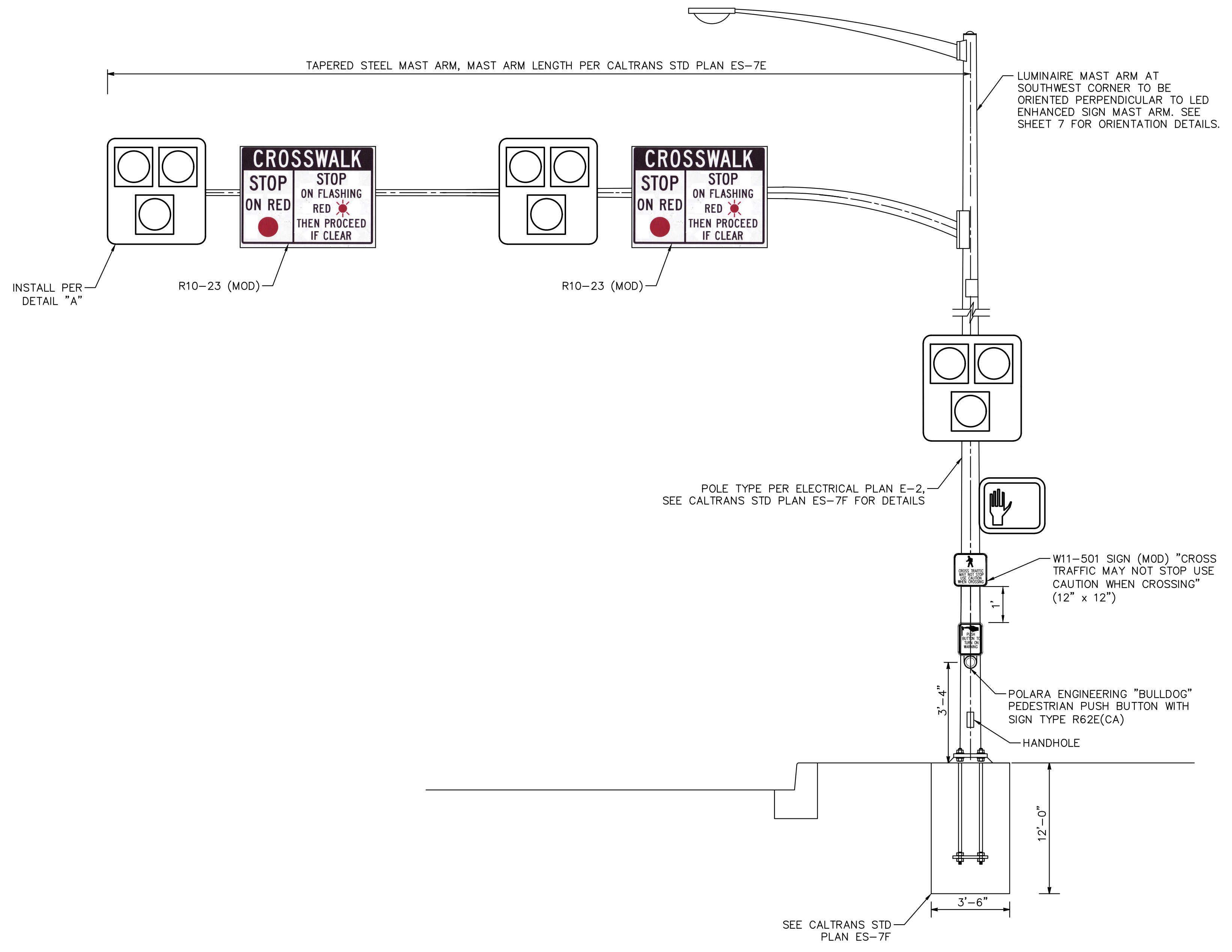
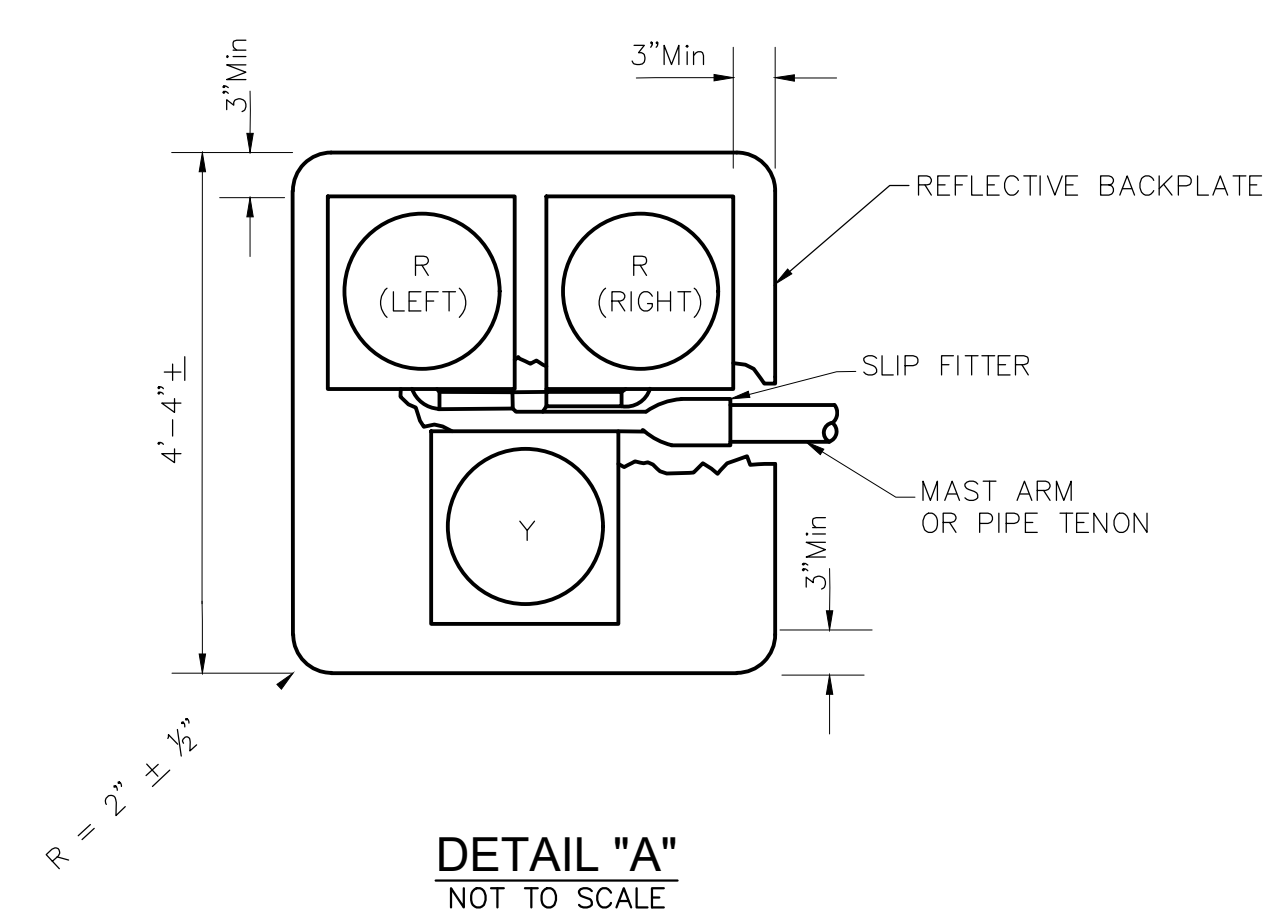


NO.	DATE	APPROVED	REVISIONS

CITY OF GOLETA  
**RRFB CHAPEL, PHB KINGSTON**  
 CONSTRUCTION DETAILS - PHB

9058	PBW. NO.
03-19	BID NO. SHT. DES.
CD-2	DWG. NO.
SHT. 12 OF 16	

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**PHB ASSEMBLY ON MAST ARM POLE**  
 NOT TO SCALE

PROPERTY LINES  
 ARE APPROXIMATE





**GENERAL NOTES**

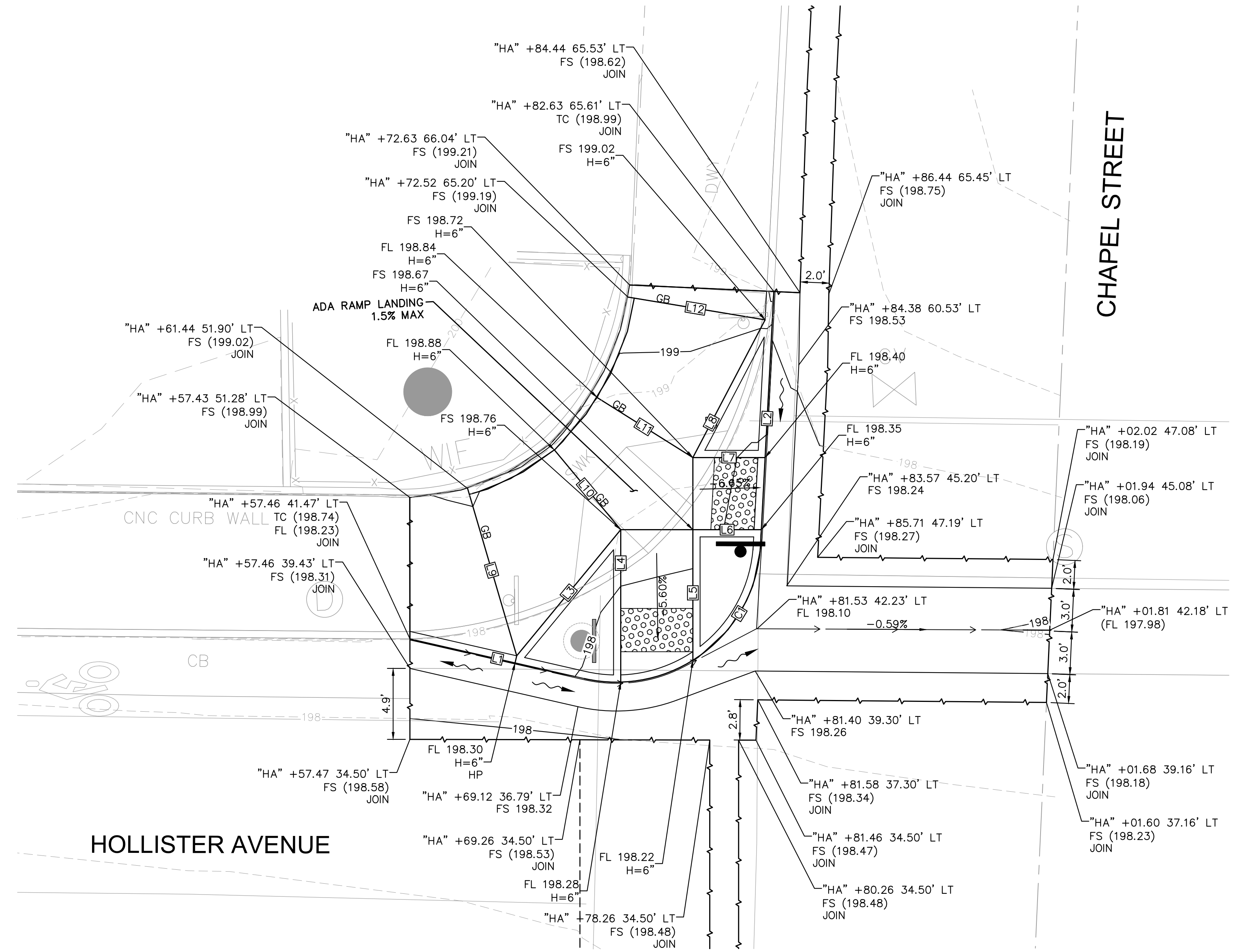
1. VERIFY THE EXISTENCE AND HORIZONTAL/VERTICAL LOCATION OF ALL UTILITIES WITHIN THE PROJECT AREA THAT MAY CONFLICT WITH THE PROPOSED CONSTRUCTION. VERIFY THAT ANY UTILITIES SHOWN TO BE RELOCATED BY OTHERS HAVE BEEN RELOCATED AND ARE NO LONGER IN CONFLICT. IMMEDIATELY NOTIFY THE ENGINEER OF ANY REMAINING UTILITY CONFLICTS PRIOR TO THE START OF ANY CONSTRUCTION WORK.
2. ALL GUTTER SLOPES AT PEDESTRIAN RAMPS SHALL NOT EXCEED 4.5%. SEE CONSTRUCTION DETAIL PLANS FOR MORE INFORMATION.
3. ALL SIDEWALK SHALL MATCH EXISTING SIDEWALK PATTERN, COLOR, AND FINISH.
4. FOR SIGN REMOVALS OR RELOCATIONS REFER TO SIGNING AND STRIPING PLAN, SHEET SS-1.
5. SEE ELECTRICAL PLANS FOR REMOVALS, RELOCATIONS, AND/OR ADJUSTMENTS OF TRAFFIC SIGNAL POLES AND RELATED IMPROVEMENTS, SHEETS E-1.
6. CONTRACTOR SHALL MAINTAIN EXISTING ELECTRICAL CIRCUITS FOR EQUIPMENT NOT REMOVED DURING DEMOLITION.
7. EXISTING WATER METERS AND FIRE HYDRANTS SHALL REMAIN IN OPERATION UNTIL NEW SYSTEMS ARE OPERATIONAL. SEE UTILITY PLANS FOR IMPROVEMENTS.
8. ALL LINE AND CURVE DATA REFER TO TOP OF CURB.

**LEGEND**

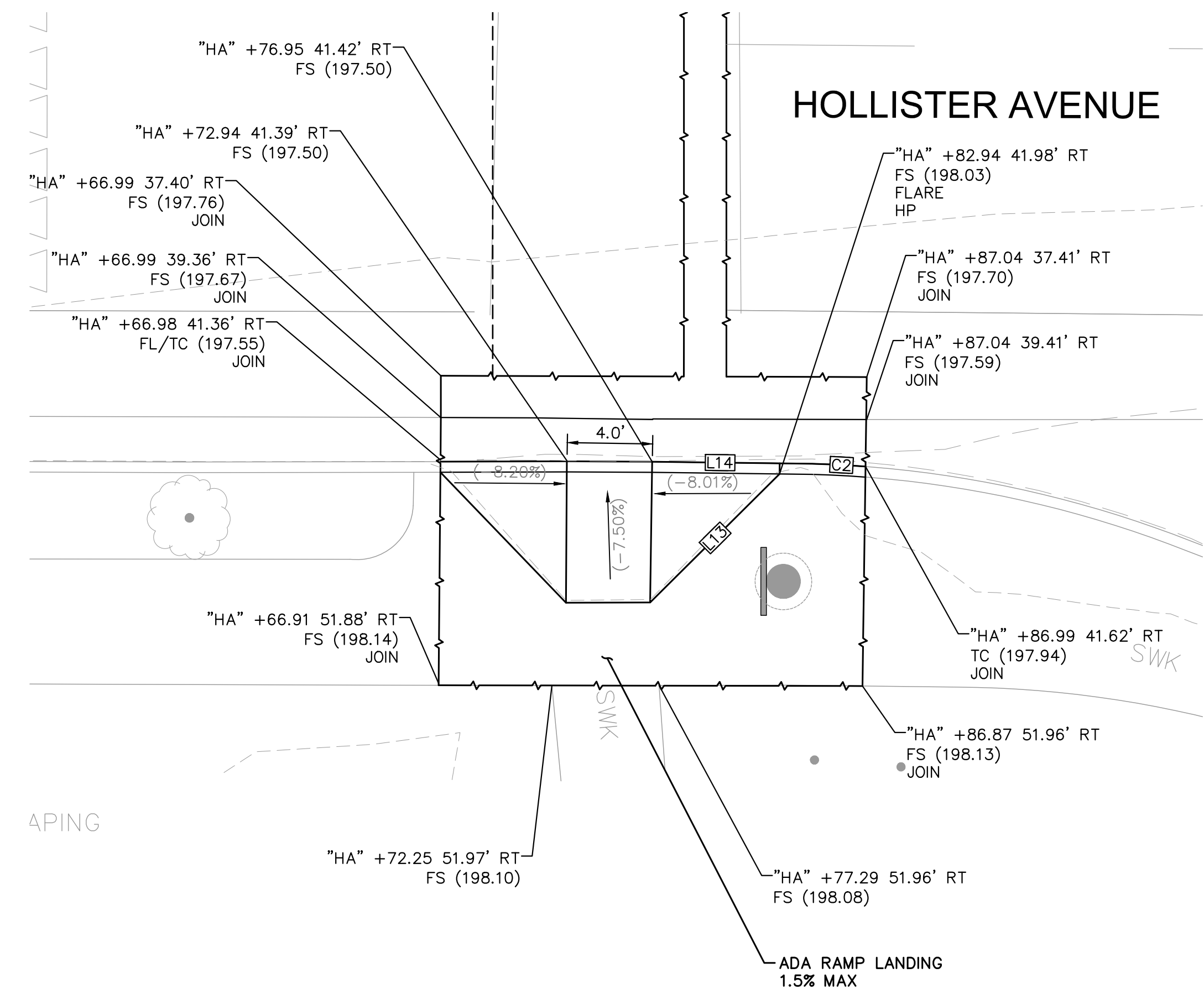
- [Symbol] DETECTABLE WARNING SURFACE
- [Symbol] SAWCUT WITH FULL DEPTH REMOVALS
- [Symbol] LIMIT OF IMPROVEMENTS
- [Symbol] RRFB/SEE ELECTRICAL PLANS
- [Symbol] FLOWLINE

**LINE AND CURVE TABLE**

NO.	LENGTH	DELTA OR BRG	RADIUS
C1	17.43'	Δ=99° 51' 00"	10.00'
C2	2.51'	Δ=2° 43' 14"	52.79'
L1	12.40'	N 74°37'12" W	
L2	17.64'	N 5°31'48" E	
L3	11.33'	N 42°03'23" E	
L4	10.57'	S 2°31'42" W	
L5	9.06'	S 2°31'42" W	
L6	4.74'	N 87°28'18" W	
L7	5.01'	N 87°28'18" W	
L8	10.78'	S 30°11'36" W	
L9	12.11'	N 13°48'59" W	
L10	7.19'	N 37°13'05" W	
L11	7.82'	N 55°21'41" W	
L12	9.64'	N 78°03'01" W	
L13	8.59'	N 47°43'05" E	
L14	7.54'	S 86°45'07" E	

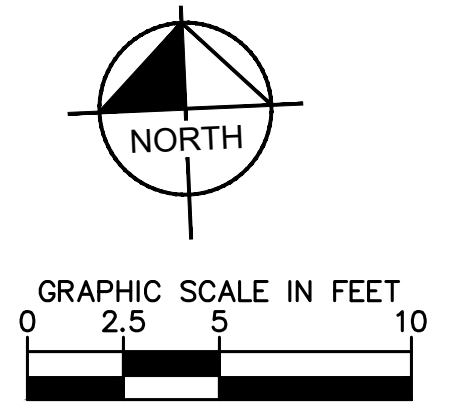


**NORTHWEST QUADRANT**



**SOUTHERN RAMP**

PROPERTY LINES ARE APPROXIMATE





**GENERAL NOTES**

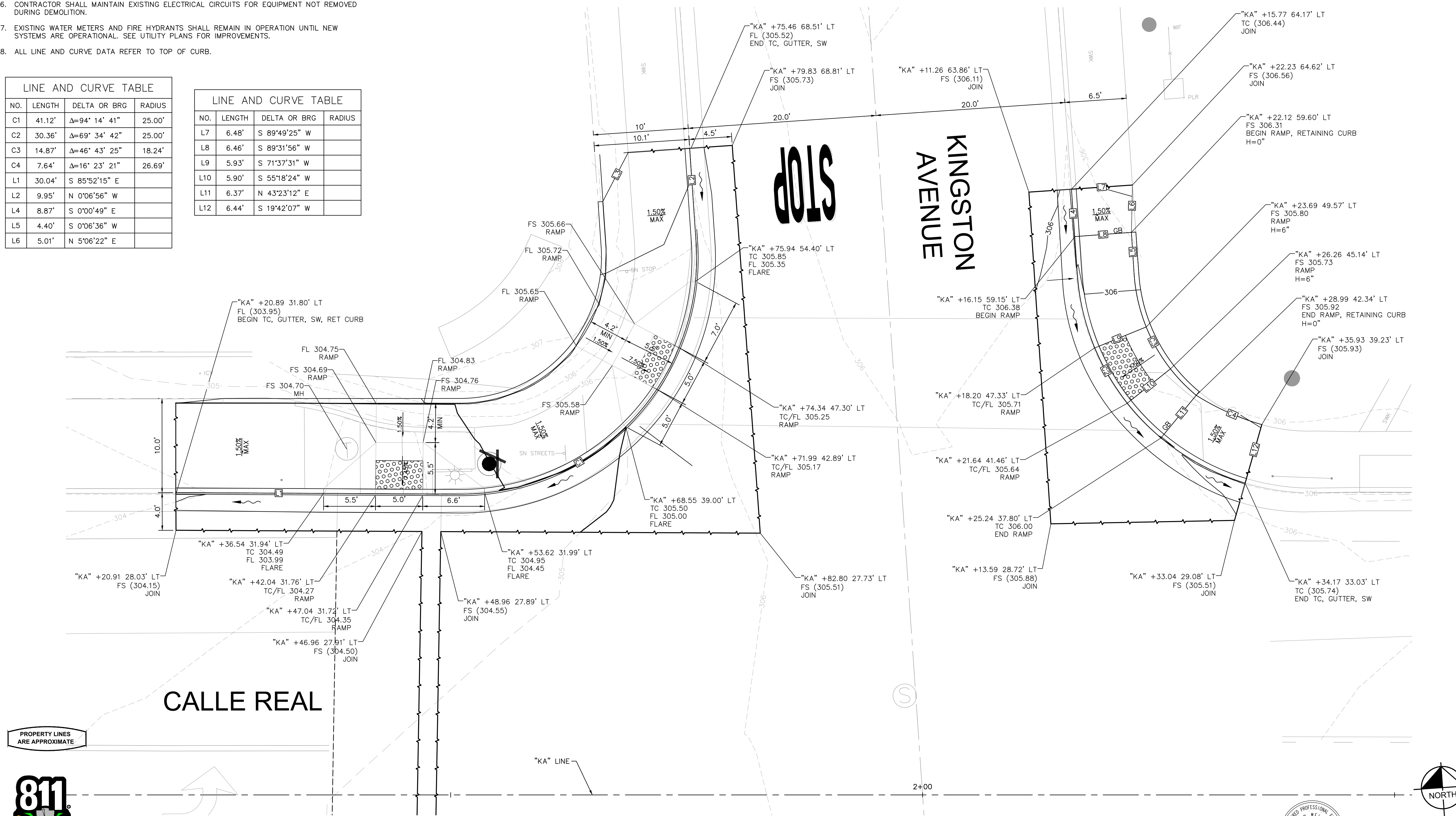
1. VERIFY THE EXISTENCE AND HORIZONTAL/VERTICAL LOCATION OF ALL UTILITIES WITHIN THE PROJECT AREA THAT MAY CONFLICT WITH THE PROPOSED CONSTRUCTION. VERIFY THAT ANY UTILITIES SHOWN TO BE RELOCATED BY OTHERS HAVE BEEN RELOCATED AND ARE NO LONGER IN CONFLICT. IMMEDIATELY NOTIFY THE ENGINEER OF ANY REMAINING UTILITY CONFLICTS PRIOR TO THE START OF ANY CONSTRUCTION WORK.
2. ALL GUTTER SLOPES AT PEDESTRIAN RAMPS SHALL NOT EXCEED 4.5%, SEE CONSTRUCTION DETAIL PLANS FOR MORE INFORMATION.
3. ALL SIDEWALK SHALL MATCH EXISTING SIDEWALK PATTERN, COLOR, AND FINISH.
4. FOR SIGN REMOVALS OR RELOCATIONS REFER TO SIGNING AND STRIPING PLAN, SHEET SS-2.
5. SEE ELECTRICAL PLANS FOR REMOVALS, RELOCATIONS, AND/OR ADJUSTMENTS OF TRAFFIC SIGNAL POLES AND RELATED IMPROVEMENTS, SHEETS E-2.
6. CONTRACTOR SHALL MAINTAIN EXISTING ELECTRICAL CIRCUITS FOR EQUIPMENT NOT REMOVED DURING DEMOLITION.
7. EXISTING WATER METERS AND FIRE HYDRANTS SHALL REMAIN IN OPERATION UNTIL NEW SYSTEMS ARE OPERATIONAL. SEE UTILITY PLANS FOR IMPROVEMENTS.
8. ALL LINE AND CURVE DATA REFER TO TOP OF CURB.

NO.	LENGTH	DELTA OR BRG	RADIUS
C1	41.12'	Δ=94° 14' 41"	25.00'
C2	30.36'	Δ=69° 34' 42"	25.00'
C3	14.87'	Δ=46° 43' 25"	18.24'
C4	7.64'	Δ=16° 23' 21"	26.69'
L1	30.04'	S 85°52'15" E	
L2	9.95'	N 0°06'56" W	
L4	8.87'	S 0°00'49" E	
L5	4.40'	S 0°06'36" W	
L6	5.01'	N 5°06'22" E	

NO.	LENGTH	DELTA OR BRG	RADIUS
L7	6.48'	S 89°49'25" W	
L8	6.46'	S 89°31'56" W	
L9	5.93'	S 71°37'31" W	
L10	5.90'	S 55°18'24" W	
L11	6.37'	N 43°23'12" E	
L12	6.44'	S 19°42'07" W	

**LEGEND**

- DETECTABLE WARNING SURFACE
- SAWCUT WITH FULL DEPTH REMOVALS
- LIMIT OF IMPROVEMENTS
- PEDESTRIAN HYBRID BEACON/SEE ELECTRICAL PLANS
- PEDESTRIAN PUSH BUTTON/SEE ELECTRICAL PLANS



**City of Goleta**

**Kimley-Horn**

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PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

APPROVED: *[Signature]* DATE: 3/30/20  
CITY ENGINEER ORIGINAL SIGNED DATE

DESIGN: \_\_\_\_\_ DRAWN: \_\_\_\_\_ CHECKED: \_\_\_\_\_

DATE APPROVED: \_\_\_\_\_

NO. \_\_\_\_\_

100% DRAFT

REVISIONS

CITY OF GOLETA  
**RRFB CHAPEL, PHB KINGSTON**  
**CONSTRUCTION DETAIL - KINGSTON AVENUE**

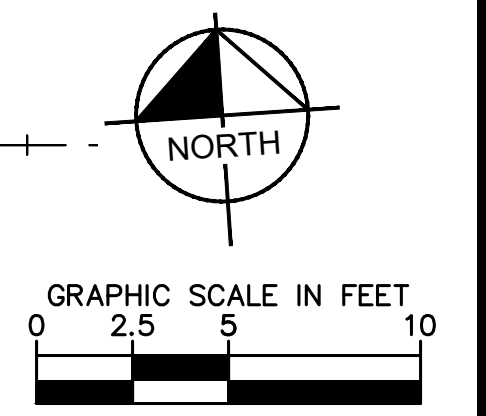
9058  
PBW. NO.

03-19  
BID NO.

CD-4  
SHT. DES.

DWG. NO.

SHT. 14 OF 16



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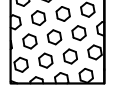
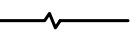
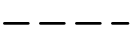




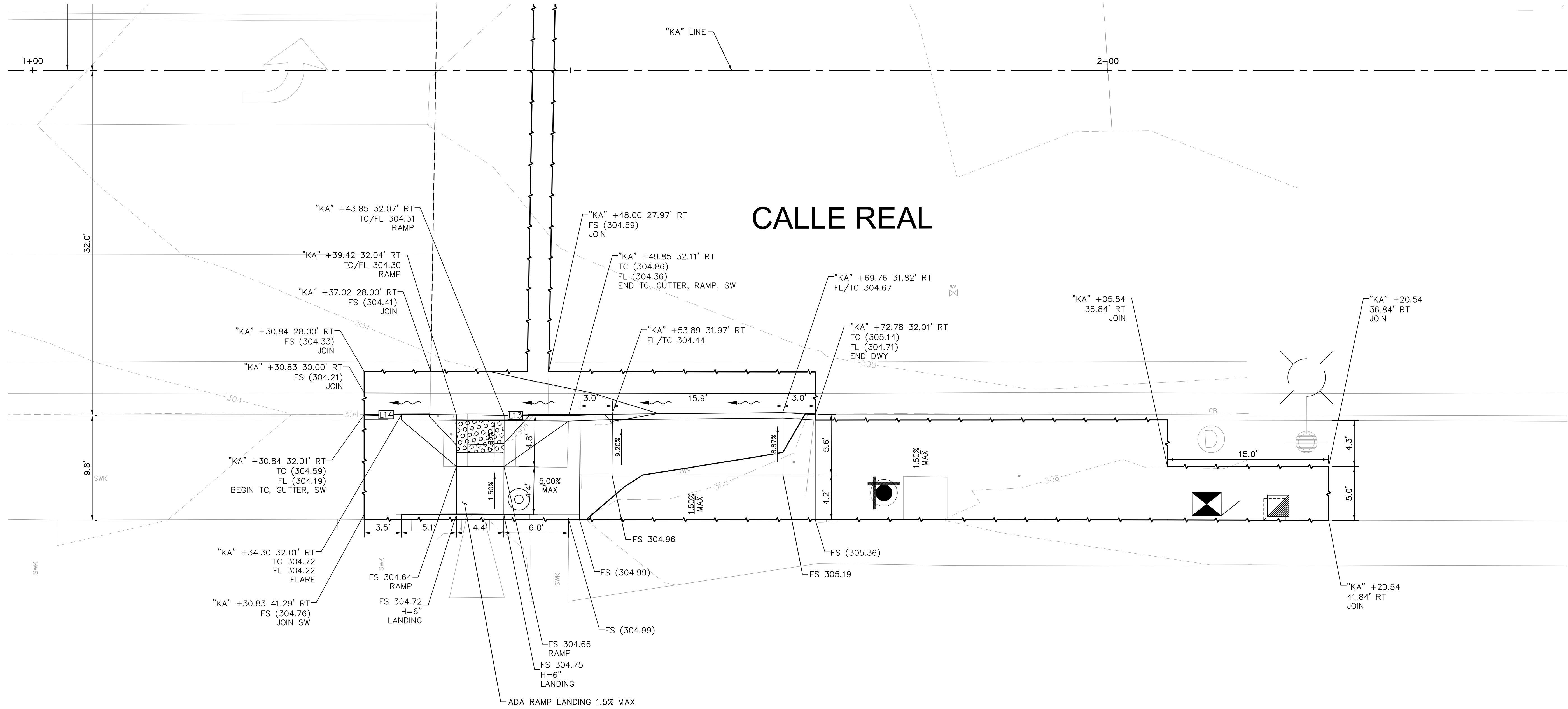
**GENERAL NOTES**

1. SEE CONSTRUCTION DETAIL SHEET CD-4 FOR ADDITIONAL INFORMATION.

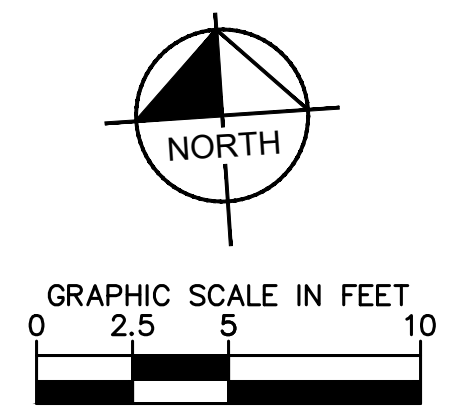
LINE AND CURVE TABLE				
NO.	DELTA OR BRG	RADIUS	LENGTH	REMARKS
L13	N 85°45'38" W		14.02'	
L14	N 86°08'45" W		5.00'	

**LEGEND**

-  DETECTABLE WARNING SURFACE
-  SAWCUT WITH FULL DEPTH REMOVALS
-  LIMIT OF IMPROVEMENTS
-  PEDESTRIAN HYBRID BEACON/SEE ELECTRICAL PLANS
-  PEDESTRIAN PUSH BUTTON/SEE ELECTRICAL PLANS



PROPERTY LINES ARE APPROXIMATE



**CITY OF GOLETA**

**RRFB CHAPEL, PHB KINGSTON**

**CONSTRUCTION DETAIL - KINGSTON AVENUE**

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PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

APPROVED: *[Signature]* DATE: 3/30/20  
CITY ENGINEER ORIGINAL SIGNED DATE

NO.	DATE	APPROVED	REVISIONS

DESIGN DRAWN CHECKED  
100% DRAFT

CITY OF GOLETA  
RRFB CHAPEL, PHB KINGSTON  
CONSTRUCTION DETAIL - KINGSTON AVENUE

9058  
PBW. NO.

03-19  
BID NO. SHT. DES.

CD-5  
DWG. NO.

SHT. 15 OF 16

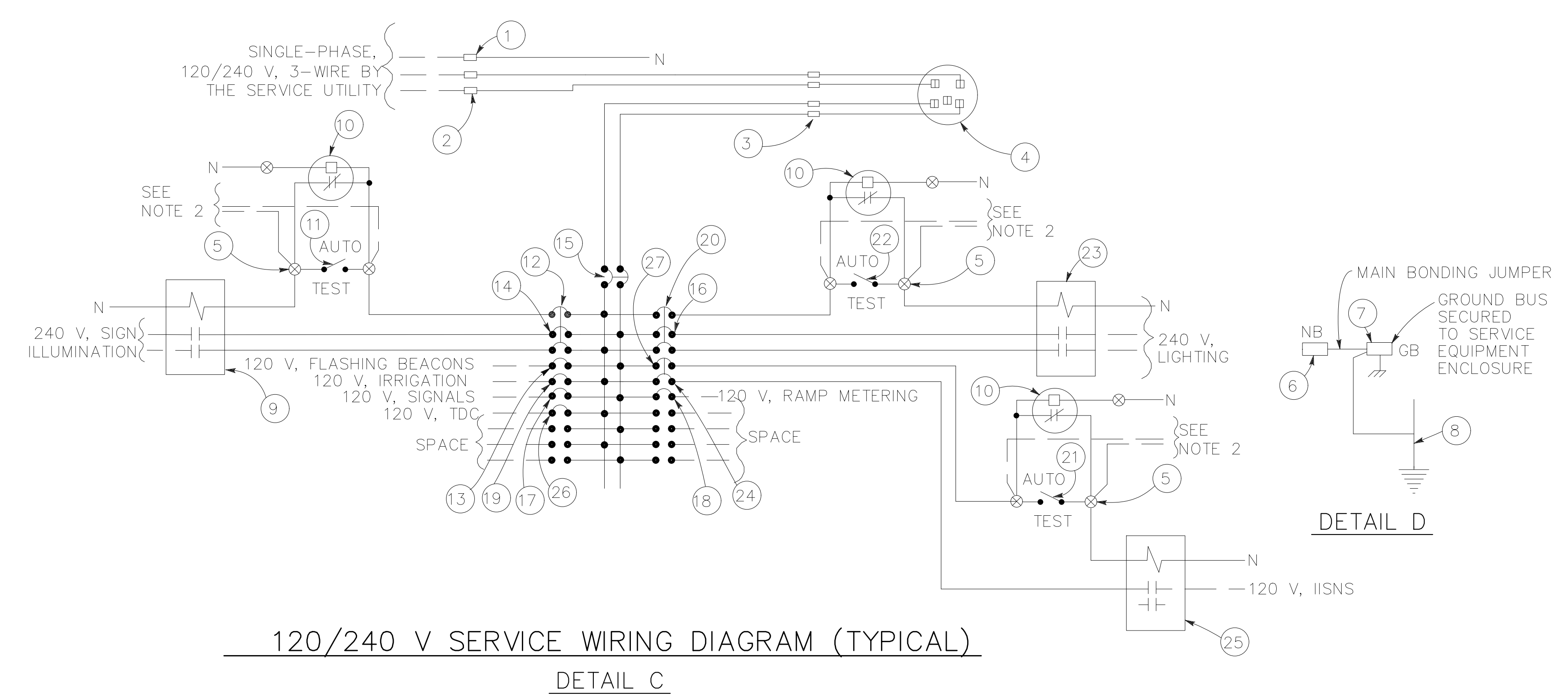
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NO.	DATE	APPROVED	REVISIONS

CITY OF GOLETA  
**RRFB CHAPEL, PHB KINGSTON**  
 WIRING DIAGRAM

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**120/240 V SERVICE WIRING DIAGRAM (TYPICAL)**  
 DETAIL C

TYPE III -B SERVICE EQUIPMENT ENCLOSURE LEGEND (120/240 V)					
ITEM	COMPONENT	NAMEPLATE DESCRIPTION	ITEM	COMPONENT	NAMEPLATE DESCRIPTION
①	NEUTRAL LUG		⑭	30 A, 240 V, 2P, CB	SIGN ILLUMINATION
②	LANDING LUG		⑮	100 A, 240 V, 2P, CB	MAIN BREAKER
③	TEST BYPASS FACILITY		⑯	30 A, 240 V, 2P, CB	LIGHTING
④	METER SOCKET AND SUPPORT		⑰	50 A, 120 V, 1P, CB	SIGNALS
⑤	TERMINAL BLOCKS		⑱	30 A, 120 V, 1P, CB	RAMP METERING
⑥	NEUTRAL BUS		⑲	20 A, 120 V, 1P, CB	IRRIGATION
⑦	GROUND BUS		⑳	15 A, 120 V, 1P, CB	LIGHTING CONTROL
⑧	GROUNDING ELECTRODE		㉑	15 A, 1P, TEST SWITCH	IISNS TEST SWITCH
⑨	30 A, 2P, NO CONTACTOR	SIGN ILLUMINATION	㉒	15 A, 1P, TEST SWITCH	LIGHTING TEST SWITCH
⑩	PHOTOELECTRIC UNIT (NOTE 4)	PEU	㉓	60 A, 2P, NO CONTACTOR	LIGHTING
⑪	15 A, 1P, TEST SWITCH	SIGN ILLUMINATION TEST SWITCH	㉔	15 A, 120 V, 1P, CB	IISNS
⑫	15 A, 120 V, 1P, CB	SIGN ILLUMINATION CONTROL	㉕	30 A, 2P, NO CONTACTOR	IISNS
⑬	15 A, 120 V, 1P, CB	FLASHING BEACON	㉖	20 A, 120 V, 1P, CB	TELEPHONE DEMARCATION CABINET
			㉗	15 A, 120 V, 1P, CB	IISNS CONTROL

- NOTES:**
- Unless otherwise indicated on the plans, service equipment items shall be provided for each service equipment enclosure as shown.
  - Connect to remote test switch mounted on lighting standards, sign post or structure when required.
  - Items ① and ⑥ shall be isolated from the service equipment enclosure.
  - Type I photoelectric control shall be used unless otherwise indicated on the plans.
  - Item ⑫, ⑳ and ㉗ shall be ganged operated CB.

PROPERTY LINES ARE APPROXIMATE

