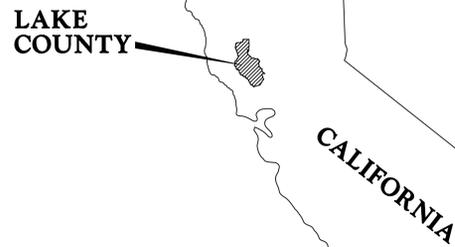
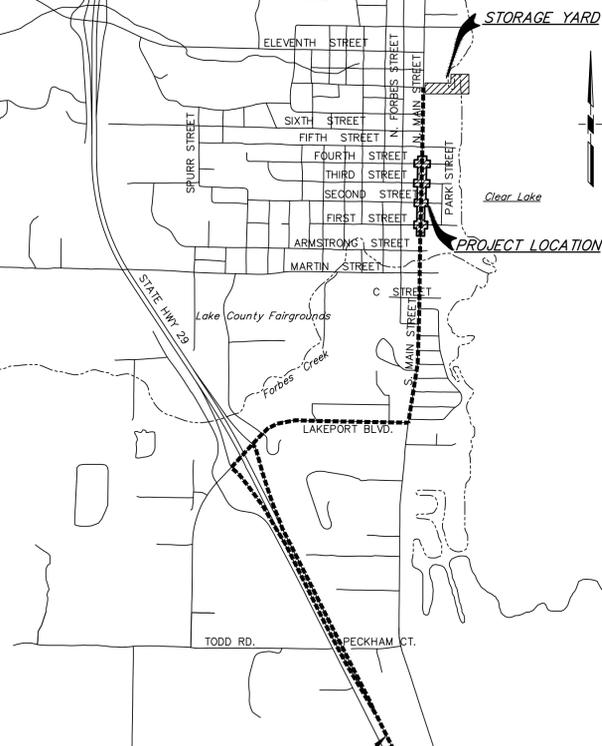


CITY OF LAKEPORT PLANS FOR LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II LAKEPORT, CA

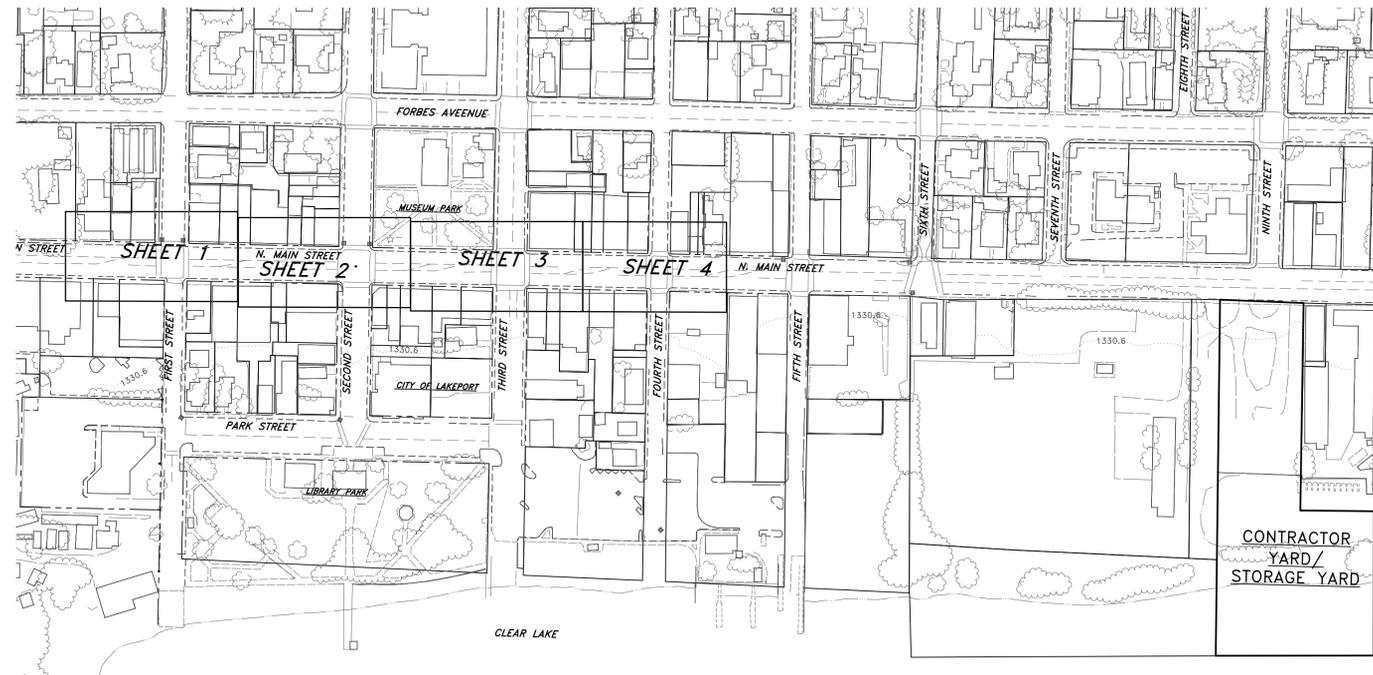
PREPARED FOR
**CITY OF LAKEPORT
AGENCY**



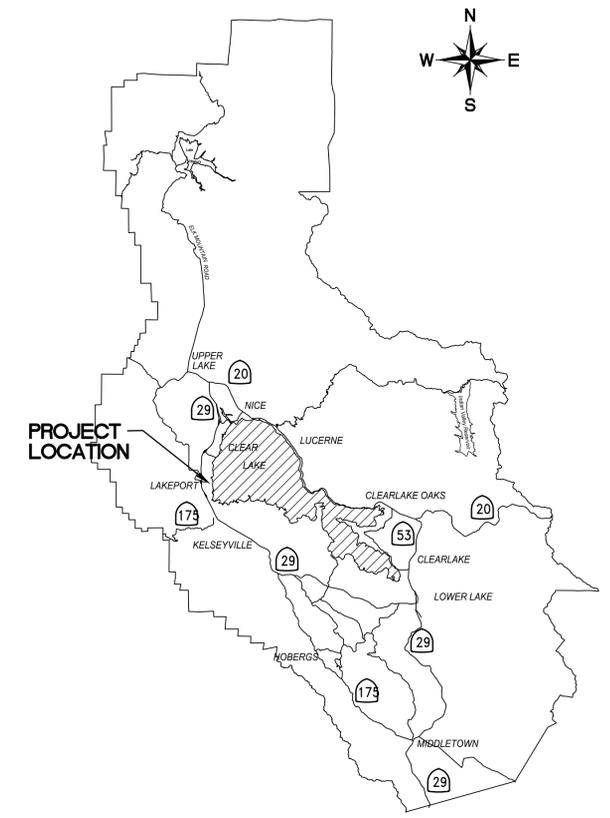
LOCATION MAP
NOT TO SCALE



**PROJECT TRUCKING ROUTE
(ALL TRUCKS)**



KEY MAP



LAKE COUNTY MAP
NOT TO SCALE

APPROVED:

Paul R. Curren
PAUL CURREN, P.E.
INTERIM CITY ENGINEER
FEB. 18, 2016
DATE

K. Ingram
KEVIN INGRAM
COMMUNITY DEVELOPMENT DIRECTOR
FEB. 18, 2016
DATE

CERTIFICATION:

I CERTIFY THAT THIS PROJECT WAS DESIGNED BY ME OR UNDER MY DIRECTION IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING PRACTICES.

Cathy A. McKeon
CATHY A. McKEON, R.P.E. NO. 51026
PROJECT CIVIL ENGINEER
FEB. 18, 2016
DATE

George C. Rau
GEORGE C. RAU, R.P.E. NO. 21908
FOR BOUNDARY, TOPOGRAPHIC SURVEY AND EXISTING CONDITIONS
FEB. 18, 2016
DATE

CONTACT INFORMATION:

**CIVIL AND GEOTECHNICAL
ENGINEERING**
CRAWFORD AND ASSOCIATES, INC.
100 PINE STREET
UKIAH, CA 95482
(707) 240-4400 x110
ATTN.: CATHY McKEON, P.E.

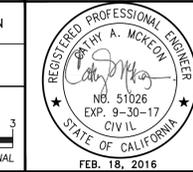
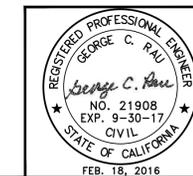
PLANNING AND LANDSCAPE ARCHITECTURE
HARRIS DESIGN
755 FOLGER AVENUE
BERKELEY, CA 94710
(510) 647-3792
ATTN.: BILL HARRIS, ASLA

ELECTRICAL ENGINEERING
MARS BURNSIDE ENGINEERING
11008 RAINBOW RIVER CT.
RANCHO CORDOVA, CA
95670-2723
(916) 838-2501
ATT.: MARS BURNSIDE, P.E.

LAND SURVEYING
RAU AND ASSOCIATES, INC.
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UKIAH, CA 95482
(707) 462-6536
ATTN.: GEORGE RAU, P.E.

LAKEPORT COMMUNITY DEVELOPMENT
200 PARK STREET
LAKEPORT, CA 95435
(707) 263-5613 EXT. 11
ATTN.: KEVIN INGRAM

CITY OF LAKEPORT
225 PARK STREET
LAKEPORT, CA 95435
(707) 263-5613 EXT. 28
INTERIM CITY ENGINEER
ATTN.: PAUL CURREN, P.E.



PROJECT ENGINEER: CATHY A. McKEON
LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
0 1/2 1 2 3
BAR REPRESENTS THREE INCHES ON ORIGINAL

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Geotechnical Engineering, Design and Construction Services
100 N. Pine Street
Ukiah, CA 95482

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LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II
MAIN STREET-FIRST ST TO FOURTH ST LAKEPORT, CA.

SCALE: AS NOTED APPROVED BY: DRAWN BY: MAW
DATE: FEB. 2016 REVIEWED BY: CAM

COVER SHEET

CITY OF LAKEPORT DRAWING NUMBER: G-1 of 70 SHTS

ASPHALT AND CONCRETE DISPOSAL SITE
DESIGNATED AREA ON CITY OF LAKEPORT MUNICIPAL SEWER DISTRICT PROPERTY, FENCED AND LOCKED AREA OFF OF HIGHWAY 175 SOUTH OF LAKEPORT.

VICINITY MAP
NOT TO SCALE

Xrefs: LD_LCX-TBLOCK.dwg: LD_LCX-ROW_APN.dwg: Combined.dwg
Path: S:\AutoCAD Civil 3D\Projects\15-219-X-City of Lakeport DT Improvements\Drawings\Crawford_LDI_CP-COV_NOTES.dwg Plot Date: Feb. 18, 2016 at 12:26

BID SET

SHEET INDEX

SHT. NO.	DESCRIPTION	GENERAL
G-1	COVER SHEET	
G-2	INDEX SHEET, CONTACTS AND ABBREVIATIONS	
G-3	GENERAL NOTES	
G-4	GENERAL NOTES	
G-5	SURVEY CONTROL PLAN	
SHT. NO.	DESCRIPTION	CIVIL PLANS
D-1	EXISTING CONDITIONS/DEMOLITION PLANS	S. MAIN STREET - STA: "MS" 66+25 TO STA: 67+75
D-2	EXISTING CONDITIONS/DEMOLITION PLANS	N. MAIN STREET - STA: "MS" 67+75 TO STA: 70+75
D-3	EXISTING CONDITIONS/DEMOLITION PLANS	N. MAIN STREET - STA: "MS" 70+75 TO STA: 73+50
D-4	EXISTING CONDITIONS/DEMOLITION PLANS	N. MAIN STREET - STA: "MS" 73+50 TO STA: 76+00
TS-1	TYPICAL SECTIONS	
TS-2	TYPICAL SECTIONS	
TS-3	TYPICAL SECTIONS	
CL-1	PAVEMENT LAYOUT PLAN	S. MAIN STREET - STA: "MS" 66+25 TO STA: 67+75
CL-2	PAVEMENT LAYOUT PLAN	N. MAIN STREET - STA: "MS" 67+75 TO STA: 70+75
CL-3	PAVEMENT LAYOUT PLAN	N. MAIN STREET - STA: "MS" 70+75 TO STA: 73+50
CL-4	PAVEMENT LAYOUT PLAN	N. MAIN STREET - STA: "MS" 73+50 TO STA: 76+00
CG-1	SIDEWALK LAYOUT AND GRADING PLAN	MAIN STREET STA: "MS" 66+25 TO STA: 67+75
CG-2	SIDEWALK LAYOUT AND GRADING PLAN	MAIN STREET STA: "MS" 67+75 TO STA: 69+25
CG-3	SIDEWALK LAYOUT AND GRADING PLAN	MAIN STREET STA: "MS" 69+25 TO STA: 70+75
CG-4	SIDEWALK LAYOUT AND GRADING PLAN	MAIN STREET STA: "MS" 70+75 TO STA: 72+25
CG-5	SIDEWALK LAYOUT AND GRADING PLAN	MAIN STREET STA: "MS" 72+25 TO STA: 73+75
CG-6	SIDEWALK LAYOUT AND GRADING PLAN	MAIN STREET STA: "MS" 73+75 TO STA: 75+00
CG-7	SIDEWALK LAYOUT AND GRADING PLAN	MAIN STREET STA: "MS" 75+00 TO STA: 76+00
CP-1	CONSTRUCTION PROFILE PLAN	S. MAIN STREET - STA: "MS" 66+00 TO STA: 67+75
CP-2	CONSTRUCTION PROFILE PLAN	N. MAIN STREET - STA: "MS" 67+75 TO STA: 70+75
CP-3	CONSTRUCTION PROFILE PLAN	N. MAIN STREET - STA: "MS" 70+75 TO STA: 73+50
CP-4	CONSTRUCTION PROFILE PLAN	N. MAIN STREET - STA: "MS" 73+50 TO STA: 76+00
CP-5	CONSTRUCTION PROFILE PLAN	FIRST STREET
CP-6	CONSTRUCTION PROFILE PLAN	SECOND STREET
CP-7	CONSTRUCTION PROFILE PLAN	THIRD STREET
CP-8	CONSTRUCTION PROFILE PLAN	FOURTH STREET
CD-1	SIDEWALK DETAILS	
CD-2	SIDEWALK DETAILS	
CD-3	SIDEWALK DETAILS	
CD-4	SIDEWALK DETAILS	
CD-5	DRAINAGE DETAILS	
CD-6	UTILITY DETAILS	
SD-1	STORM DRAIN PLAN & PROFILE	FIRST ST. & N. MAIN ST. / SECOND ST. & N. MAIN ST.
SD-2	STORM DRAIN PLAN & PROFILE	THIRD ST. & N. MAIN ST. / FOURTH ST
U-1	WATER-SEWER PLAN AND NOTES	MAIN STREET - STA: "MS" 67+00 TO STA: 70+00
U-2	WATER-SEWER PROFILE	MAIN STREET - STA: "MS" 67+00 TO STA: 70+00
U-3	WATER-SEWER PLAN & PROFILE	MAIN STREET - STA: "MS" 70+00 TO STA: 73+50
U-4	WATER SEWER PLAN & PROFILE	MAIN STREET - STA: "MS" 73+00 TO STA: 76+00
PD-1	PAVEMENT DELINEATION AND SIGN PLAN	S. MAIN STREET - STA: "MS" 66+75 TO STA: 67+75
PD-2	PAVEMENT DELINEATION AND SIGN PLAN	N. MAIN STREET - STA: "MS" 67+75 TO STA: 70+75
PD-3	PAVEMENT DELINEATION AND SIGN PLAN	N. MAIN STREET - STA: "MS" 70+75 TO STA: 73+50
PD-4	PAVEMENT DELINEATION AND SIGN PLAN	N. MAIN STREET - STA: "MS" 73+50 TO STA: 76+00
SHT. NO.	DESCRIPTION	ELECTRICAL PLANS
E-1	ELECTRICAL LAYOUT PLAN	S. MAIN STREET - STA: "MS" 66+75 TO STA: 67+75
E-2	ELECTRICAL LAYOUT PLAN	N. MAIN STREET - STA: "MS" 67+75 TO STA: 70+75
E-3	ELECTRICAL LAYOUT PLAN	N. MAIN STREET - STA: "MS" 70+75 TO STA: 73+50
E-4	ELECTRICAL LAYOUT PLAN	N. MAIN STREET - STA: "MS" 73+50 TO STA: 76+00
E-5	ELECTRICAL DETAILS	
E-6	ELECTRICAL DETAILS	
E-7	ELECTRICAL DETAILS	
E-8	ELECTRICAL DETAILS	
SHT. NO.	DESCRIPTION	LANDSCAPE PLANS
L-1	PLANTING & SITE FURNITURE PLAN	S. MAIN STREET - STA: "MS" 66+25 TO STA: 67+75
L-2	PLANTING & SITE FURNITURE PLAN	N. MAIN STREET - STA: "MS" 67+75 TO STA: 70+75
L-3	PLANTING & SITE FURNITURE PLAN	N. MAIN STREET - STA: "MS" 70+75 TO STA: 73+50
L-4	PLANTING & SITE FURNITURE PLAN	N. MAIN STREET - STA: "MS" 73+50 TO STA: 76+00
L-5	LANDSCAPE CONSTRUCTION DETAILS	
L-6	LANDSCAPE CONSTRUCTION DETAILS	
LI-1	IRRIGATION PLAN	S. MAIN STREET - STA: "MS" 66+25 TO STA: 67+75
LI-2	IRRIGATION PLAN	N. MAIN STREET - STA: "MS" 67+75 TO STA: 70+75
LI-3	IRRIGATION PLAN	N. MAIN STREET - STA: "MS" 70+75 TO STA: 73+50
LI-4	IRRIGATION PLAN	N. MAIN STREET - STA: "MS" 73+50 TO STA: 76+00
LI-5	IRRIGATION LEGEND	
LI-6	IRRIGATION DETAILS	
SHT. NO.	DESCRIPTION	TRAFFIC CONTROL PLANS
T-1	PRELIMINARY TRAFFIC & PEDESTRIAN CONTROL PLAN	FULL LENGTH
T-2	PRELIMINARY TRAFFIC & PEDESTRIAN CONTROL PLAN DETAILS	TEMPORARY PEDESTRIAN ACCESS
T-3	PRELIMINARY TRAFFIC & PEDESTRIAN CONTROL PLAN DETAILS	TEMPORARY PEDESTRIAN SIGNAGE

UTILITY CONTACT INFORMATION

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 ROY GILLHAM, CUSTOMER RELATIONSHIP MANAGER,
 2461 N. STATE STREET
 UKIAH, CA. 95482
 (707) 468-3922
 (707) 380-3052 CELL

PACIFIC GAS AND ELECTRIC COMPANY
 BOB SHIELDS, ASSOC. DISTRIBUTION ENGINEER SERVICE PLANNING
 1575 HIGH STREET
 LAKEPORT, CA. 95453
 (707) 262-1902

AT&T
 MIKE HOLLAND
 AREA REPRESENTATIVE
 2510 OLD HIGHWAY 53
 CLEARLAKE, CA 95422
 (707) 995-0650 OFFICE
 (707) 295-8109 CELL

MEDIACOM
 MIKE CARUTHERS, PLANT MANAGER
 13221 EAST HWY 20
 PO Box 1180
 CLEARLAKE OAKS, CA 95423
 (707) 998-1184

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 DOUG GRIDER, PUBLIC WORKS SUPERINTENDENT
 591 MARTIN STREET
 LAKEPORT, CA 95453
 (707) 263-3578

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 MARK BRANNIGAN, UTILITY DIRECTOR
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 LAKEPORT, CA 95453
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 PAUL CURRAN, P.E., INTERIM CITY ENGINEER
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 LAKEPORT, CA 95453
 (707) 263-5613 EXT. 28
 paul@current.ws

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 225 PARK STREET
 LAKEPORT, CA 95453
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 kingram@cityoflakeport.com

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 225 PARK STREET
 LAKEPORT, CA 95453
 (707) 263-3056 EXT. 14

ABBREVIATIONS

AB	AGGREGATE BASE	OH/E	OVER HEAD ELECTRIC SERVICE/S
AC	ASPHALT CONCRETE	OMR	OFFICE MINE RECLAMATION
ASI	AMERICAN STANDARD INSTITUTE	OS	OFFSET
ASTM	ASSOCIATION for STANDARD TESTINGS and MATERIALS	(P)	PROPOSED
BC	BEGIN CURVE	PC	POINT OF CURVATURE
BSW	BACK OF SIDEWALK	PCC	PORTLAND CONCRETE CEMENT OR EQUAL
BVCE	BEGIN VERTICAL CURVE ELEVATION	PL	PROPERTY LINE
BVCS	BEGIN VERTICAL CURVE STATION	PRC	POINT OF REVERSE CURVE
BW	BACK OF SIDEWALK	PT	POINT OF TANGENCY
CD	CONTROLLED DENSITY BACKFILL	PUE	PUBLIC UTILITY EASEMENT
CI	CURB INLET	PVC	POINT ON VERTICAL CURVE
CNT	CENTER	PVI	POINT OF VERTICAL INTERSECTION
CL	CENTERLINE	R	RADIUS
CLSM	CONTROLLED LOW STRENGTH MATERIAL	RAD	RADIAL
CMP	CORRUGATED METAL PIPE	RC	RELATIVE COMPACTION
CONC	CONCRETE	RCP	REINFORCED CONCRETE PIPE
CR	CURB RETURN	REG	REGISTERED ENGINEERING GEOLOGIST
DI	DROP INLET	RT	RIGHT
DW	DRIVEWAY	RTW	RETAINING WALL
DWY	DRIVEWAY	R.O.W.	RIGHT OF WAY
EC	END CURVE	S	SLOPE
EG	EXISTING GROUND	SD	STORM DRAIN
ELEV	ELEVATION	SDBC	STORM DRAIN CATCH BASIN
EP	EDGE OF PAVEMENT	SDDI	STORM DRAIN INLET
ESMT	EASEMENT	SDE	STORM DRAIN EASEMENT
ETW	EDGE OF TRAVEL WAY	SDMH	STORM DRAIN MANHOLE
EVCE	END VERTICAL CURVE ELEVATION	SS	SANITARY SEWER
EVCS	END VERTICAL CURVE STATION	SSCO	SANITARY SEWER CLEANOUT
(E)	EXISTING	SSE	SANITARY SEWER EASEMENT
EX.	EXISTING	SSMH	SANITARY SEWER MANHOLE
FC	FACE OF CURB	STA	STATION
FG	FINISH GRADE	STD	STANDARD
FH	FIRE HYDRANT	SW	SIDEWALK
GB	GRADE BREAK	SWE	SIDEWALK EASEMENT
HDPE	HIGH DENSITY POLYETHYLENE	SWPPP	STORM WATER POLLUTION PREVENTION PLAN
HMA	HOT MIX ASPHALT	SPCC	SPILL PREVENTION CONTROL COUNTERMEASURES
HP	HIGH POINT	SG	SUB GRADE
HW	HEADWALL	TP	TEST PIT
IG	INVERT GRADE	TFC	TOP FACE OF CURB
INV	INVERT	TB	TOP OF BERM
INTX	INTERSECTION	TC	TOP OF CURB
JB	JUNCTION BOX	TD	TOP OF DIKE
L	LENGTH	TG	TOP OF GRATE
LF	LINEAL FEET	TI	TRAFFIC INDEX
LP	LOW POINT	TOW	TOP OF WALL
LT	LEFT	TYP	TYPICAL
MON	MONUMENT	U.O.N.	UNLESS OTHERWISE NOTED
MMP	MITIGATION AND MONITORING PLAN	VC	VERTICAL CURVE/VITRIFIED CLAY
M&P	MECHANICAL AND PLUMBING CONTRACTOR	WL	WATER LINE
MSHA	MINES SAFETY HEALTH ADMINISTRATION		
NS	NON-STANDARD CURB		
NTS	NOT TO SCALE		

LINE TYPES:

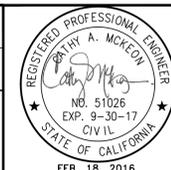
	PROPOSED EDGE OF ROADWAY
	APPROXIMATE R.O.W./PROPERTY LINE
	STATION LINE/CENTERLINE OF R.O.W.
	DAYLIGHT LINE FOR CUT AND FILL SLOPES

Xrefs: LD_CX-TBLOCK.dwg; LD_CX-ROW_APN.dwg; Combined.dwg
 Path: C:\Users\ryan.houghton\AppData\Local\Temp\AsPublish_3228\LD_CP-COV_NOTES.dwg Plot Date: Feb 18, 2016 at 15:50

PROJECT ENGINEER: CATHY A. McKEON
 LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE

 BAR REPRESENTS THREE INCHES ON ORIGINAL



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LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II
 MAIN STREET-MARTIN ST TO THIRD ST LAKEPORT, CA.

SCALE: AS NOTED APPROVED BY: DRAWN BY: MAW
 DATE: FEB 2016 REVIEWED BY: CAM

INDEX SHEET, ABBREVIATIONS AND LINETYPE LEGEND
 CITY OF LAKEPORT DRAWING NUMBER G-2 of 70 SHTS

BID SET

Xrefs: LD_CX-TBLOCK.dwg; LD_CX-ROW_APN.dwg; Combined.dwg; Path: S:\AutoCAD Civil 3D\Projects\15-219.X-City of Lakeport DT Improvements\Drawings\Crowford\LD_CP-COV_NOTES.dwg Plot Date: Feb 18, 2016 at 12:26

A. GENERAL NOTES

- ALL MATERIAL, WORKMANSHIP AND CONSTRUCTION SHALL CONFORM TO THE CITY OF LAKEPORT STANDARD SPECIFICATIONS AND STANDARD PLANS (2012) AND THE 2010 CALTRANS STANDARD PLANS AND SPECIFICATIONS, 2010 ENGLISH UNIT EDITION.
- FOR WORK IN OR AFFECTING THE CITY OF LAKEPORT ROAD RIGHT-OF-WAY, THE CONTRACTOR AND ANY SUBCONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE CITY OF LAKEPORT DEPARTMENT OF PUBLIC WORKS BEFORE START OF WORK. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE PERMIT. (NO PERMIT FEE)
- CONTRACTOR SHALL GIVE THE CITY OF LAKEPORT CONSTRUCTION ENGINEER 72 HOURS NOTICE BEFORE STARTING WORK. CONTRACTOR SHALL ARRANGE A PRE-CONSTRUCTION MEETING PRIOR TO THE 72 HOUR NOTICE. CALL: KEVIN INGRAM AT (707) 263-5615.
- THE CONTRACTOR SHALL POSSESS THE CLASS(ES) OF LICENSE(S) AS SPECIFIED AS SPECIFIED IN THE "NOTICE TO CONTRACTORS" CONTAINED IN THE INVITATION TO BID FOR THIS PROJECT.
- WORK HOURS ARE AS SPECIFIED IN PROJECT SPECIAL PROVISIONS.
- ANY DISCREPANCY DISCOVERED BY CONTRACTOR IN THESE PLANS OR ANY FIELD CONDITIONS DISCOVERED BY CONTRACTOR THAT MAY DELAY OR OBSTRUCT THE PROPER COMPLETION OF THE WORK PER THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE CITY OF LAKEPORT AND AN ENGINEER IMMEDIATELY UPON DISCOVERY. SAID NOTIFICATION SHALL BE IN WRITING.
- THE CONTRACTOR SHALL MAINTAIN A NEAT APPEARANCE TO THE WORK. IN ANY AREA VISIBLE TO THE PUBLIC, THE FOLLOWING SHALL APPLY: WHEN PRACTICABLE, BROKEN CONCRETE AND DEBRIS DEVELOPED DURING CLEARING AND GRUBBING SHALL BE DISPOSED OF CONCURRENTLY WITH ITS REMOVAL. IF STOCKPILING IS NECESSARY, THE MATERIAL SHALL BE REMOVED OR DISPOSED OF DAILY. THE CONTRACTOR SHALL FURNISH TRASH BINS FOR ALL DEBRIS FROM STRUCTURE CONSTRUCTION. ALL DEBRIS SHALL BE PLACED IN TRASH BINS DAILY. FORMS OR FALSEWORK THAT ARE TO BE REUSED SHALL BE STACKED NEATLY CONCURRENTLY WITH THEIR REMOVAL. FORMS AND FALSEWORK THAT ARE NOT TO BE REUSED SHALL BE DISPOSED OF CONCURRENTLY WITH THEIR REMOVAL.
- CONTRACTOR SHALL PROVIDE COMPACTION, GRADATION, SAND EQUIVALENT AND ALL OTHER TESTS AS REQUIRED BY THE CITY OF LAKEPORT. SEE GRADING NOTES.
- CONTRACTOR SHALL IMMEDIATELY HALT ALL GRADING/EXCAVATION/TRENCHING ACTIVITIES AND CONTACT THE LAKE COUNTY COMMUNITY DEVELOPMENT DEPARTMENT AT 263-2221 IMMEDIATELY IF ARCHAEOLOGICAL, HISTORICAL OR PALEONTOLOGICAL RESOURCES ARE ENCOUNTERED, OR IN THE EVENT OF THE ACCIDENTAL DISCOVERY OF HUMAN REMAINS.
- THE CONTRACTORS ATTENTION IS DIRECTED TO SECTION XX OF THE SPECIAL PROVISIONS REGARDING PUBLIC CONVENIENCE AND ACCESS.
- SEE ELECTRICAL, LANDSCAPING AND IRRIGATION PLANS AND SPECIFICATIONS FOR ALL ASSOCIATED NOTES.

B. PRESERVATION OF SURVEY MONUMENTS:

- CONTRACTOR IS RESPONSIBLE FOR PRESERVATION AND/OR PERPETUATION OF ALL EXISTING MONUMENTS WHICH CONTROL SUBDIVISIONS, TRACTS, BOUNDARIES, STREETS, HIGHWAYS, OR OTHER RIGHTS-OF-WAY, EASEMENTS, OR PROVIDE SURVEY CONTROL WHICH WILL BE DISTURBED OR REMOVED DUE TO CONTRACTOR'S WORK. CONTRACTOR SHALL PROVIDE A MINIMUM OF 10 WORKING DAYS NOTICE TO CIVIL ENGINEER OR SURVEYOR IN RESPONSIBLE CHARGE OF THE WORK PRIOR TO DISTURBANCE OR REMOVAL OF EXISTING MONUMENTS. CIVIL ENGINEER OR SURVEYOR IN RESPONSIBLE CHARGE OF THE WORK SHALL COORDINATE WITH CONTRACTOR TO RESET MONUMENTS OR PROVIDE PERMANENT WITNESS MONUMENTS AND FILE THE REQUIRED DOCUMENTATION WITH THE COUNTY SURVEYOR PURSUANT TO BUSINESS AND PROFESSIONS CODE SECTION 8771.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COST TO RESET ANY SURVEY MONUMENTS DAMAGED BY CONTRACTOR'S PERSONNEL. RESET OF MONUMENTS, WHERE NECESSARY SHALL BE DONE IN ACCORDANCE WITH CALTRANS STANDARD PLANS A74.

NOTIFICATION FOR INSPECTIONS

APPROVAL OF ALL WORK SHALL BE NECESSARY AT THE COMPLETION OF EACH OF THE FOLLOWING STAGES OF WORK AND SUCH APPROVAL MUST BE OBTAINED BEFORE SUBSEQUENT STAGES OF WORK MAY BE COMMENCED. ADDITIONALLY, THE INSPECTOR SHALL BE NOTIFIED AT LEAST 72 HOURS IN ADVANCE OF ANY OF THE FOLLOWING STAGES OF WORK.

ANY CONSTRUCTION OR EXCAVATION REQUIRING INSPECTION THAT IS UNDERTAKEN WITHOUT INSPECTION IS SUBJECT TO RECONSTRUCTION AND REEXCAVATION AT THE CONTRACTOR'S EXPENSE.

INSPECTION MUST BE SCHEDULED FOR THE FOLLOWING WORK:

- COMPACTION AND PREPARATION OF EMBANKMENTS, EXCAVATIONS, AND SUBGRADE.
- CONSTRUCTION OF FORMS FOR ALL CONCRETE STRUCTURES, INCLUDING CURBS, GUTTERS, AND SIDEWALKS.
- EXCAVATION FOR STORM DRAINS AND CULVERTS.
- PLACING OF CONCRETE IN STRUCTURES, INCLUDING CURBS, GUTTERS AND SIDEWALKS.
- PLACING OF STORM DRAINS AND CULVERT PIPES.
- EXCAVATION AND BACKFILL FOR STRUCTURES AND PIPES AND PUBLIC UTILITIES. WATER AND SEWER FACILITIES MUST BE INSPECTED BY THE COMPANY/AGENCY WITH JURISDICTION.
- CONSTRUCTION OF ROADSIDE DITCHES AND OTHER DRAINAGE WAYS.
- PLACING AND COMPACTING OF BASE MATERIAL. IF MORE THAN ONE COURSE OR TYPE OF BASE OR SUBBASE IS TO BE USED, APPROVAL SHALL BE NECESSARY FOR EACH COURSE AND/OR TYPE.
- PLACING OF PAVEMENT OR SURFACING. WITHIN 48 HOURS OF PAVING, ALL WATER VALVE BOXES, CLEANOUTS AND MANHOLE FRAMES AND COVERS SHALL BE BROUGHT TO GRADE AND INSPECTED.
- STRIPING AND SIGNING LAYOUT AND PLACEMENT.
- FINAL CLEAN-UP.

C. DEMOLITION NOTES

- CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (U.S.A.) AT (800) 227-2600 AT LEAST 7 DAYS PRIOR TO START OF ANY EXCAVATION WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR POTHOLING UTILITIES & UNDERGROUND FEATURES PRIOR TO EXCAVATION. ANY CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE CITY OF LAKEPORT IMMEDIATELY.
- LIMITS SHOWN ON THIS PLAN WHICH DENOTE THE AREAS OF DEMOLITION OR REMOVAL ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THE SITE AT THE TIME OF BIDDING TO DETERMINE ACTUAL LIMITS OF REMOVAL. ANY SEPARATION OR REMOVAL PROCEDURES WHICH ARE UNCLEAR AT THE TIME OF BIDDING SHALL BE BROUGHT TO THE ATTENTION OF THE CITY DURING THE BID PROCESS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE VARIOUS COMPANIES AND LOCAL AUTHORITIES FOR ALL UTILITIES LOCATED WITHIN THE LIMIT OF THE WORK. ANY DEMOLITION, REMOVAL, OR REPAIR TO PRIVATE FACILITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS OF THE APPROPRIATE AGENCY.
- ALL EXISTING UTILITY FEATURES, INCLUDING WATER VALVES, WATER METERS, MANHOLES, SURVEY MONUMENTS, HYDRANTS, AND OTHER UTILITIES SHALL BE PRESERVED IN PLACE DURING CONSTRUCTION UNLESS SPECIFICALLY NOTED ON THE PLANS FOR REMOVAL OR RELOCATION. ANY DAMAGE TO SAID FACILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO THE CITY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING LOCAL TENANTS, RESIDENTS, AND BUSINESS OWNERS OF IMPENDING DEMOLITION AND CONSTRUCTION OPERATIONS, AND SHALL PROVIDE SAFE TEMPORARY ACCESS TO LOCAL BUSINESSES AND OFFICES. IN ACCORDANCE WITH THESE PLANS AND CALOSHA.
- AREAS OF CONCRETE OR ASPHALT CONCRETE WHICH ARE SHOWN TO BE REMOVED SHALL BE SAWCUT FULL-DEPTH PRIOR TO REMOVAL. ANY ADJACENT SURFACES WHICH ARE FURTHER DAMAGED DURING DEMOLITION SHALL BE RESAWCUT AND REPLACED AT THE CONTRACTOR'S EXPENSE. WHEN REMOVING CONCRETE AGAINST EXISTING AC PAVEMENT WHICH IS TO REMAIN, SAWCUT AC PAVEMENT WITHIN 24" OF OUTERMOST EDGE OF CONCRETE TO BE REMOVED.
- EXCAVATION SHALL BE PERFORMED USING EQUIPMENT AND METHODS WHICH DO NOT WORSEN SUBGRADE CONDITIONS. IF SUBGRADE CONDITION IS FOUND TO BE UNSTABLE OR UNSUITABLE FOR SUPPORT DURING CONSTRUCTION, CONTRACTOR SHALL STOP WORK AND NOTIFY CITY IMMEDIATELY.
- LANDSCAPE MATERIAL INCLUDING SHRUBS AND TREES SHALL BE REMOVED AS INDICATED ON THE PLANS. ALL OTHER LANDSCAPE MATERIAL SHALL REMAIN. DAMAGE TO EXISTING LANDSCAPE FEATURES NOT NOTED FOR REMOVAL SHALL BE CORRECTED BY THE CONTRACTOR AT NO COST TO THE CITY. TREE REMOVAL SHALL INCLUDE REMOVAL OF STUMP AND UNDERLYING ROOTS LOCATED WITHIN LIMIT OF SURROUNDING SAWCUT SURFACE. CONTRACTOR SHALL EXERCISE CARE TO AVOID DAMAGE TO SURROUNDING FACILITIES WHICH ARE TO REMAIN.
- ALL REMOVED MATERIAL NOT CALLED OUT FOR SALVAGE AND REUSE SHALL BE CONSIDERED THE PROPERTY OF THE CONTRACTOR, AND SHALL BE DISPOSED OF IN A LEGAL MANNER.
- CONTRACTOR SHALL CLEAN SURROUNDING SIDEWALK & PAVEMENT SURFACES OF ANY CONSTRUCTION DEBRIS AT THE END OF EACH WORKING DAY.
- CONTRACTOR TO COORDINATE W/P&E FOR REMOVAL OF EXISTING LIGHT STANDARD.
- COORDINATE W/CITY & POST OFFICE FOR TEMPORARY RELOCATION OF MAILBOX.

D. GRADING STANDARD NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK WITH THE CITY ENGINEER. ALL GRADING SHALL BE PERFORMED TO THE SATISFACTION OF THE CITY ENGINEER AND SHALL BE IN CONFORMANCE WITH THE PROJECT SPECIFICATIONS.
- ROAD SUBGRADE SHALL BE COMPACTED PER THE PROJECT SPECIFICATIONS.
- THE ABANDONMENT OR ALTERATION OF ANY AND ALL SEPTIC SYSTEMS AND WELLS SHALL COMPLY WITH THE CITY OF LAKEPORT HEALTH DEPARTMENT PERMIT REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE DUST CONTROL MEASURES FOR THE ENTIRE CONSTRUCTION PERIOD OF THIS PROJECT TO THE SATISFACTION OF THE COUNTY AND AIR QUALITY MANAGEMENT DISTRICT AS APPLICABLE.
- THE CONTRACTOR SHALL MAINTAIN A NEAT APPEARANCE OF THE WORK. AT THE END OF EACH WORK SHIFT (MORNING), ALL EQUIPMENT AND MATERIALS SHALL BE REMOVED FROM THE SITE TO THE STORAGE YARD. ALL TRENCH NOT BACKFILLED SHALL BE PLATED AND PINNED IF IN THE TRAVEL WAY. ALL DISTURBED SIDEWALK SHALL BE BACKFILLED WITH COLD PATCH AND COMPACTED WITH A VIBRAPLATE OR COVERED WITH 3/4 INCH PLYWOOD WITH ALL EDGES EXPOSED TO PEDESTRIAN TRAFFIC TAPERED AS INDICATED ON THE DRAWINGS. MAINTAIN PLYWOOD DAILY UNTIL REMOVED (5 WORKING DAY MAXIMUM). SWEEP STREET AND ALL SIDEWALKS AT LEAST AT THE END OF SHIFT (MORNING) AND THROUGHOUT DAY AS NECESSARY TO PREVENT DUST OR NUISANCE. ALL TRASH SHALL BE DEPOSITED IN WASTE BIN KEPT AT CONTRACTOR YARD. CONTRACTOR SHALL ARRANGE WEEKLY PICKUP AND DISPOSAL AT HIS EXPENSE. CONTRACTOR SHALL MONITOR SITE DURING EACH DAY FOR SITE CLEANLINESS AND PUBLIC SAFETY.
- CONTRACTOR MATERIAL QC TESTING**
CONTRACTOR SHALL PROVIDE THE FOLLOWING QC SAMPLING AND TESTING. ALL TESTING SHALL BE IN ACCORDANCE WITH CALTRANS 2010 STANDARD SPECIFICATIONS AS AMENDED HEREIN OR BY THE SPECIAL PROVISIONS:
 - CLASS 2 AGGREGATE BASE**
SAMPLE FROM DELIVERY STOCKPILE. PROVIDE SPLIT SAMPLE FOR ENGINEER. TEST FIRST TRUCKLOAD AND A TRUCKLOAD WITHIN LAST 1/2 OF PROJECT AS DETERMINED BY THE ENGINEER (2 SAMPLES AND TESTS MINIMUM). TEST FOR GRADATION AND SAND EQUIVALENT. IF EITHER TEST FAILS, TEST R-VALUE. FOR TRENCH BACKFILL, TEST COMPACTION AT THE FREQUENCY OF 1 TEST LOCATION FOR EACH 100 FEET OF TRENCH PER EACH 2 FOOT OF LIFT. REPORT RESULTS TO ENGINEER WITHIN 24 HOURS.
 - CONTROLLED LOW STRENGTH MATERIAL (CLSM)**
SAMPLE CLSM FROM MIDDLE THIRD OF LOAD. TAKE 5 SIX INCH CYLINDERS FOR EACH SAMPLE. PROVIDE 2 TO THE ENGINEER DELIVERED TO THE CORPORATION YARD THE DAY AFTER CASTING. SAMPLE ON THE FIRST DELIVERY AND THREE SUBSEQUENT TIMES AT TIMES INDICATED BY THE ENGINEER. HAVE PERSONNEL, EQUIPMENT AND MATERIALS AVAILABLE TO CAST CYLINDERS EACH TIME CLSM USED. TEST ONE SAMPLE AT 7 DAYS AND 2 SAMPLES AT 28 DAYS. REPORT RESULTS WITHIN 2 DAYS OF TESTING. REMINDER: CLSM HAS BOTH MINIMUM AND MAXIMUM COMPRESSIVE STRENGTH. USE ASTM AND ACI TEST METHODS AND PROCEDURES.
 - CONCRETE**
SAMPLE CLSM FROM MIDDLE THIRD OF LOAD. TAKE 5 SIX INCH CYLINDERS FOR EACH SAMPLE. PROVIDE 2 TO THE ENGINEER DELIVERED TO THE CORPORATION YARD THE DAY AFTER CASTING. SAMPLE ON THE FIRST DELIVERY AND THREE SUBSEQUENT TIMES AT TIMES INDICATED BY THE ENGINEER. HAVE PERSONNEL, EQUIPMENT AND MATERIALS AVAILABLE TO CAST CYLINDERS EACH TIME CONCRETE USED. TEST ONE SAMPLE AT 7 DAYS AND 2 SAMPLES AT 28 DAYS. REPORT RESULTS WITHIN 2 DAYS OF TESTING.

D. GRADING STANDARD NOTES (CONT)

- HOT MIX ASPHALT (HMA)**
SAMPLE HMA ON THE FIRST NIGHT OF PAVING AND ONCE EACH DAY OF PAVING THEREAFTER. TAKE 16 BOX (APPROXIMATELY 4.5"x4.5"x8.5" BOXES) SAMPLES FOR THE FIRST SAMPLES AND A 8 BOX SAMPLE THEREAFTER. TEST FIRST SAMPLE FOR PRODUCTION STARTUP PROPERTIES INCLUDING ALL AGGREGATE AND MIX TESTS PER SPECIFICATIONS. TEST BOTH LEVELING COURSE AND SURFACE COURSE MIX. FOR ALL OTHER SAMPLES, TEST FOR GRADATION, SAND EQUIVALENT, BINDER CONTENT AND MAXIMUM THEORETICAL SPECIFIC GRAVITY DAILY. PROVIDE FOR GRADATION, SAND EQUIVALENT, BINDER CONTENT AND MAXIMUM THEORETICAL SPECIFIC GRAVITY A MINIMUM OF 2 HOURS PRIOR TO PAVING THE FOLLOWING DAY. FAILURE TO PROVIDE TESTING SHALL RESULT IN A CONTRACTOR CAUSED DELAY OR DEDUCTION VLUe AND POTENTIAL MATERIAL REJECTION. PROVIDE FULL TIME QUALIFIED NUCLEAR GAUGE OPERATOR TO TEST DENSITY DURING COMPACTION. PROVIDE RANDOM TESTS PER CT 375 AT THE RATE OF ONE TEST PER 50 TONS. CONTRACTOR SHALL HAVE CORING EQUIPMENT ON SITE AND PREPARED TO TAKE CORES IF REQUESTED BY ENGINEER. DRY ICE SHALL BE PROVIDED EACH NIGHT FOR COOLING FOR CORE SAMPLING. IF CORES TAKEN, CORES SHALL BE PROVIDED TO ENGINEER. A MAXIMUM OF 5 CORES MAY BE REQUESTED BY THE ENGINEER. CORE DENSITY SHALL BE USED TO DETERMINE ACCEPTANCE IF CORES TAKEN. CORES USED FOR ACCEPTANCE SHALL BE RANDOMLY LOCATED BY ENGINEER. CORE LOCATIONS SHALL BE BACKFILLED WITH HMA PRIOR TO THE END OF THE WORK SHIFT.
- THE CONTRACTOR SHALL NOTIFY THE LAKE COUNTY ENVIRONMENTAL HEALTH DEPARTMENT AT 263-1164 IMMEDIATELY IF HAZARDOUS WASTE OR HAZARDOUS MATERIAL IS ENCOUNTERED DURING EXCAVATION OR GRADING OPERATIONS.
- THE CONTRACTOR SHALL PROVIDE FOR PUBLIC CONVENIENCE AND SAFETY AS PROVIDED IN THE CALTRAN 2010 STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, THE PLANS AND CALOSHA.
DURING WORK HOURS, THE CONTRACTOR SHALL PROVIDE TRAFFIC AND PEDESTRIAN CONTROL AS OUTLINED IN APPROVED PLAN. THE CONTRACTOR SHALL EMPLOY, TRAIN AND HAVE ON SITE A PERSON DESIGNATED FOR "PUBLIC SAFETY" (PSP). THIS PERSON (PSP) SHALL HAVE NO OTHER DUTIES THAN TO INSTALL, MAINTAIN AND REMOVE TRAFFIC AND PEDESTRIAN CONTROL FEATURES. PRIOR TO INSTALLATION, A DETAILED TRAFFIC PLAN SUBMITTAL IS REQUIRED. DURING WORK, THE PSP SHALL CONTINUOUSLY MONITOR THE SITE AND MAKE ADJUSTMENTS AS NECESSARY; INTERACT WITH BUSINESSES WHICH REMAIN OPEN DURING WORK HOURS, ASSIST PEDESTRIANS SAFELY THROUGH THE WORK AREA. THE DESIGNATED PSP SHALL WEAR A REFLECTIVE VEST PER OSHA REQUIREMENTS WITH BOTH THE CONTRACTORS NAME AND "PUBLIC SAFETY" PRINTED BOLDLY ON THE BACK OF THE VEST AND/OR COAT AND A NAME TAG WITH FIRST AND LAST NAME ON THE RIGHT FRONT SIDE OF THE VEST/OR COAT.
MONDAY THROUGH SATURDAY, DURING DAYTIME HOURS OF 8:00 AM TO 6:00 PM, CONTRACTOR SHALL HAVE A PERSON DESIGNATED AS "PROJECT COORDINATOR" AVAILABLE ON SITE TO MAINTAIN PUBLIC SAFETY AND COMMUNICATE WITH CITY STAFF AND BUSINESS OWNERS REGARDING THE PROGRESS OF THE WORK. THIS PERSON'S 24 HOUR CELL NUMBER SHALL BE PROVIDED TO EACH BUSINESS OWNER AT THE START OF THE PROJECT AND ON ANY COMMUNICATIONS LITERATURE REGARDING THE PROJECT. THE DESIGNATED "PROJECT COORDINATOR" SHALL WEAR A REFLECTIVE VEST PER OSHA REQUIREMENTS WITH BOTH THE CONTRACTORS NAME AND "PROJECT COORDINATOR" PRINTED BOLDLY ON THE BACK OF THE VEST AND/OR COAT AND A NAME TAG WITH FIRST AND LAST NAME ON THE RIGHT FRONT SIDE OF THE VEST/OR COAT.
EACH BUSINESS SHALL BE PROVIDED ACCESS TO THE BUSINESS ENTRANCE BY 8 AM EACH MORNING AT THE LATEST. THE ACCESS SHALL EITHER BE VIA THE EXISTING SIDEWALK, COMPLETED SIDEWALK, OR TEMPORARY ACCESS RAMP PER THE APPROVED PLAN. THE ACCESSIBILITY OF EACH BUSINESS SHALL BE VERIFIED BY THE PSP OR RESIDENT ENGINEER.

PROJECT ENGINEER: CATHY A. McKEON			LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II MAIN STREET-MARTIN ST TO THIRD ST LAKEPORT, CA.	
LICENSE: NO. 51026 EXP.: 9-30-17			SCALE: AS NOTED APPROVED BY: _____	DRAWN BY: MAW
			GENERAL NOTES	
			CITY OF LAKEPORT	
		CIVIL ENGINEERS · LAND SURVEYS 100 NORTH PINE STREET • (707) 462-6536 • UKIAH, CA 95482	DRAWING NUMBER G-3 of 70 SHTS	

BID SET

Xrefs: LD_CX-TBLOCK.dwg; LD_CX-ROW_APN.dwg; Combined.dwg
 Path: S:\AutoCAD Civil 3D\Projects\15-219.X-City of Lakeport DT Improvements\Drawings\Crowford\LDI_CP-COV_NOTES.dwg Plot Date: Feb 18, 2016 at 12:26

E. UNDERGROUND CONSTRUCTION STANDARD NOTES

1. NO GUARANTEE IS INTENDED THAT UNDERGROUND OBSTRUCTIONS, NOT SHOWN ON THESE PLANS, WILL NOT BE ENCOUNTERED. THOSE SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE AND THE CONTRACTOR IS CAUTIONED THAT THE ENGINEER, AND THE CITY OF LAKEPORT ASSUME NO RESPONSIBILITY FOR ANY OBSTRUCTIONS EITHER SHOWN OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY COMPANIES WORKING WITHIN THE LIMITS OF THIS PROJECT.
2. CONTRACTOR SHALL NOTIFY USA PRIOR TO ANY EXCAVATION. UNDERGROUND SERVICE ALERT: CALL TOLL FREE (800) 642-2444 AT LEAST 48 HOURS PRIOR TO EXCAVATION.
3. CONTRACTOR SHALL NOT BEGIN EXCAVATION UNTIL ALL EXISTING UTILITIES HAVE BEEN MARKED IN THE FIELD BY THE APPLICABLE ENTITY RESPONSIBLE FOR THAT PARTICULAR UTILITY. THE CONTRACTOR SHALL NOTIFY EACH APPLICABLE ENTITY AT LEAST 24 HOURS BEFORE STARTING WORK.
4. CONTRACTOR SHALL UNCOVER EXISTING BURIED UTILITIES WITH UTILITY OWNER TO VERIFY LOCATIONS AND ELEVATIONS OF UTILITIES. BURIED UTILITIES INCLUDE BUT ARE NOT LIMITED TO WATER MAINS AND LATERALS, SEWER MAINS, STORM DRAINS, GAS MAINS AND LATERALS, ELECTRICAL DISTRIBUTION LINES, TELEPHONE, CATV, AND FIBER OPTIC LINES. ALL UTILITIES CONFLICTING WITH THE PROPOSED CONSTRUCTION SHALL BE RELOCATED PRIOR TO THE START OF CONSTRUCTION.
5. THE CONTRACTOR SHALL VERIFY EXISTING INVERTS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. THE CIVIL ENGINEER IN RESPONSIBLE CHARGE OF THE WORK MAY ADJUST THE GRADE OF NEW STORM DRAIN CONSTRUCTION ACCORDINGLY WITH CONCURRENCE FROM THE CITY.
6. DISTANCES AND INVERTS ARE TO AND AT THE CENTER OF THE MANHOLES, CLEANOUTS, DROP INLETS, CATCH BASINS, AND YARD DRAINS OR AS MARKED ON THE DRAWINGS.
7. ALL UNDERGROUND IMPROVEMENTS SHALL BE INSTALLED, TESTED AND APPROVED PRIOR TO PAVING.

F. DRAINAGE STANDARD NOTES

1. STORM DRAIN CONDUITS SHALL CONFORM TO CALTRANS STANDARD SPECIFICATIONS SECTION 64 AND SHALL BE HDPE PLASTIC PIPE WITH SMOOTH INTERIOR WALL. MINIMUM COVER OVER PIPE SHALL BE 24", EXCEPT WHERE SLURRY CEMENT BACKFILL IS PROVIDED AS DIRECTED UNDER SECTION 19-3.02D OR WHERE CONTROLLED LOW STRENGTH MATERIAL IS PROVIDED AS DIRECTED UNDER SECTION 19-3.02F. THE MAXIMUM ALLOWABLE COVER SHALL BE LIMITED TO 11 FEET FOR ALL SIZES.
2. ALL STORM DRAIN MANHOLES SHALL BE A MINIMUM OF 48" IN DIAMETER. UNLESS OTHERWISE NOTED, MANHOLE FRAME AND COVER SHALL HAVE 24" CLEAR OPENING, AND BE HEAVY DUTY NON-ROCKING. RAISED LETTERS ON TOP OF THE COVER SHALL READ "STORM DRAIN". PIPES SHALL NOT PROTRUDE INSIDE THE MANHOLE. PIPE ENDS SHALL BE ROUNDED.
3. REINFORCED CONCRETE PIPE AND CAST-IN-PLACE STORM DRAIN PIPE SHALL BE PLACED AND BACKFILLED IN ACCORDANCE WITH STANDARD DRAWING 313.

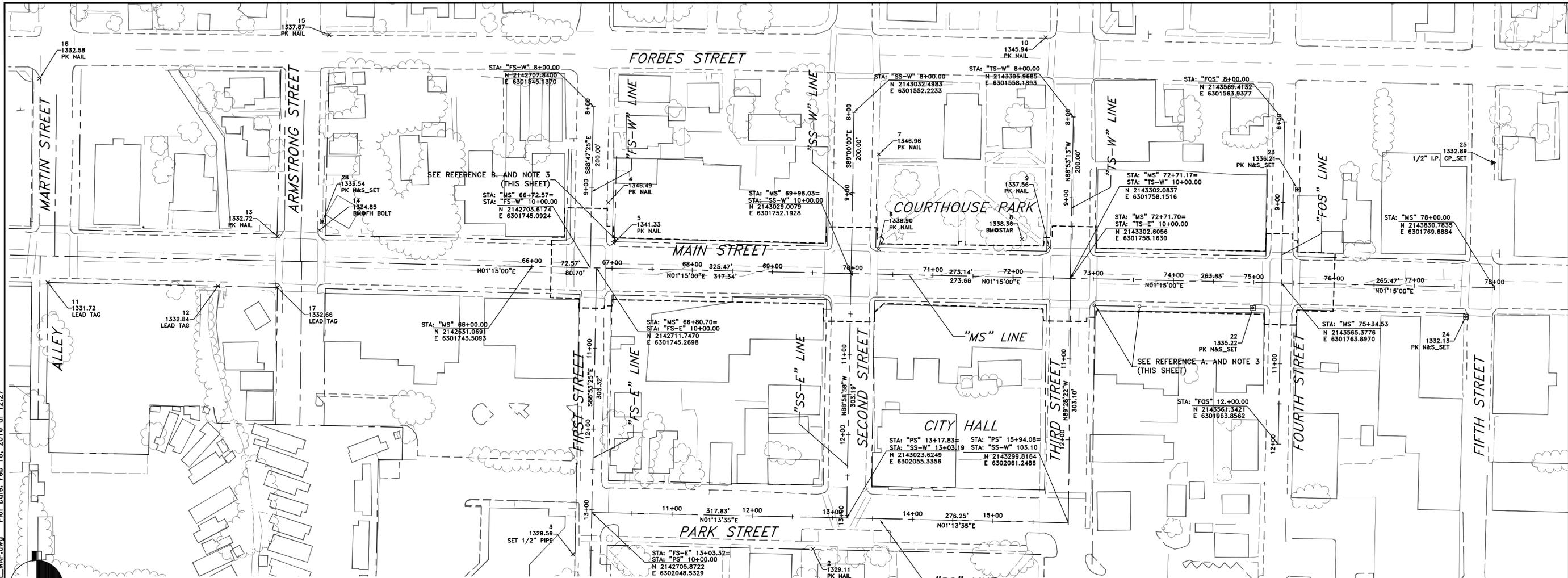
G. SIGNING, STRIPING AND PAVEMENT MARKINGS STANDARD NOTES

1. CONTRACTOR SHALL NOTIFY THE CITY OF LAKEPORT DEPARTMENT OF PUBLIC WORKS OF CONTRACTOR'S INTENT TO PLACE ANY PAVEMENT MARKER, TRAFFIC STRIPE, PAVEMENT MARKING, AND PAVEMENT LEGEND LAYOUT LINES 10 WORKING DAYS BEFORE THE MARKER AND STRIPES WORK IS TO BE PERFORMED. ALL LABOR, EQUIPMENT AND MATERIALS SHALL BE PROVIDED BY THE CONTRACTOR.
2. ALL LAYOUT WORK IS TO BE PERFORMED BY THE CONTRACTOR AND SHALL BE FIELD APPROVED BY THE CITY ENGINEER BEFORE THE ACTUAL WORK BEGINS.
3. PAVEMENT MARKERS AND TRAFFIC STRIPE DETAIL REFERENCE NUMBERS ARE SHOWN ON CALTRANS STANDARD PLANS A20A, A20B, A20C, A20D, A24A, A24B, A24C, A24D AND A24E.
4. ROADSIDE SIGNS SHALL BE AS SHOWN ON THE PLANS, IN ACCORDANCE WITH THE PROVISIONS OF SECTION 56, "SIGNS", OF THE STANDARD SPECIFICATIONS, AND AS DIRECTED BY THE CITY ENGINEER.
5. SIGN PANELS SHALL CONFORM TO THE CURRENT CALTRANS SIGN PANEL SPECIFICATIONS. MINIMUM GRADE OF SIGN SHEETING MATERIAL SHALL BE TYPE 2, SUPER ENGINEERING GRADE, PER ASTM D-4956-99, OR HIGHER GRADE AS REQUIRED BY THE DIRECTOR. SIGNS USED FOR SCHOOL AREA TRAFFIC CONTROL SHALL BE RETROREFLECTIVE OR ILLUMINATED, AS SHOWN ON PLANS.
6. LOCATIONS OF ALL SIGNS SHALL BE AS SHOWN ON THE PLANS AND AS DIRECTED BY THE COUNTY ENGINEER.
7. SIGN PANELS SHALL BE MOUNTED ON METAL OR WOOD POSTS AS SHOWN ON THE PLANS. POST MATERIALS AND INSTALLATION SHALL BE PER THE CALTRANS STANDARD PLANS AND SPECIFICATIONS. METAL POSTS SHALL BE WIDE-FLANGE METAL POSTS PER CALTRANS STANDARD SPECIFICATIONS. ALL FASTENERS AND ATTACHMENT HARDWARE SHALL BE GALVANIZED.
8. MARKERS AND DELINEATORS SHALL BE AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH THE PROVISIONS OF SECTION 82, "MARKERS AND DELINEATORS" OF THE CALTRANS STANDARD SPECIFICATIONS, AS DIRECTED BY THE CITY ENGINEER.
9. LOCATION OF ALL MARKERS AND DELINEATORS SHALL BE AS SHOWN ON THE PLANS AND AS DIRECTED BY THE CITY ENGINEER.
10. TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE AS SHOWN ON THE PLANS, IN ACCORDANCE WITH THE PROVISIONS OF SECTION 84, "TRAFFIC STRIPES AND PAVEMENT MARKINGS" OF THE CALTRANS STANDARD SPECIFICATIONS AND AS DIRECTED BY THE CITY ENGINEER.
11. ALL PAVEMENT MARKINGS, INCLUDING STOPBARS, EDGELINES, CENTERLINES, AND ALL CHANNELING LINES SHALL BE THERMOPLASTIC UNLESS OTHERWISE SHOWN OR NOTED ON THE PLANS. PAINT MAY BE USED FOR SHORT SECTIONS OF STRIPING AS APPROVED BY THE CITY ENGINEER.
12. THERMOPLASTIC TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL CONFORM TO THE PROVISIONS OF SECTION 84-2, "THERMOPLASTIC TRAFFIC STRIPES AND PAVEMENT MARKINGS" OF THE CALTRANS STANDARD SPECIFICATIONS.
13. THERMOPLASTIC MATERIAL SHALL BE APPLIED AT A MINIMUM THICKNESS OF 0.125 INCH.
14. PAVEMENT MARKERS SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF SECTION 85, "PAVEMENT MARKERS" OF THE CALTRANS STANDARD SPECIFICATIONS.
15. EXISTING PAINTED/THERMOPLASTIC TRAFFIC STRIPES AND PAVEMENT MARKINGS WHICH CONFLICT WITH THE NEW TRAFFIC STRIPING AND PAVEMENT MARKING PLANS SHALL BE REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 15-2, REMOVAL METHODS, OF THE CALTRANS STANDARD SPECIFICATIONS.
16. EXISTING RAISED PAVEMENT MARKERS WHICH CONFLICT WITH THE NEW TRAFFIC STRIPING AND PAVEMENT MARKING PLAN SHALL BE REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 15-2, REMOVAL METHODS, OF THE CALTRANS STANDARD SPECIFICATIONS.

BID SET

PROJECT ENGINEER: CATHY A. McKEON LICENSE: NO. 51026 EXP.: 9-30-17 <div style="text-align: center;">  <p>VERIFY SCALE BAR REPRESENTS THREE INCHES ON ORIGINAL</p> </div>		 RAU AND ASSOCIATES INC. CIVIL ENGINEERS · LAND SURVEYORS 100 NORTH PINE STREET • (707) 462-6536 • UKIAH, CA 95482	LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II MAIN STREET-MARTIN ST TO THIRD ST LAKEPORT, CA. SCALE: AS NOTED APPROVED BY: _____ DRAWN BY: MAW DATE: FEB. 2016 REVIEWED BY: CAM <div style="text-align: center; border: 1px solid black; padding: 5px;"> GENERAL NOTES </div> <div style="text-align: center; border: 1px solid black; padding: 5px;"> CITY OF LAKEPORT </div>
			DRAWING NUMBER G-4 of 70 SHTS

Xrefs: LD_LCX-TBLOCK.dwg; LD_LCX-ROW_AFN.dwg
 Path: S:\AutoCAD Civil 3D\Projects\15-219-X-City of Lakeport DT Improvements\Drawings\Raw\LD_LCX-CONTROL_MAP.dwg Plot Date: Feb 18, 2016 at 12:27



HORIZONTAL DATUM:

THE BASIS OF BEARINGS AND COORDINATES SHOWN HEREON FOR THIS SURVEY IS IN TERMS OF CALIFORNIA STATE PLANE COORDINATE SYSTEM, ZONE 2, NAD '83, BASED ON GPS HPGN CONTROL STATIONS DESIGNATED AS 29 LAK 45.13 AND HPGN D CA 01 CH, AS PUBLISHED BY THE DEPARTMENT OF NATIONAL GEODETIC SURVEY, EPOCH DATE 2007.00.

THE BASIS OF COORDINATES FOR THIS SURVEY IS IN TERMS OF CALIFORNIA STATE PLANE COORDINATE SYSTEM, ZONE 2, NAD '83, BASED ON GPS HPGN CONTROL STATIONS DESIGNATED AS 29 LAK 45.13 AND HPGN D CA 01 CH, AS SHOWN. ALL DISTANCES SHOWN ON THIS MAP ARE GRID. GROUND DISTANCES MAY BE OBTAINED BY MULTIPLYING THE GRID DISTANCE BY A CORRECTION FACTOR OF 0.99984977.

VERTICAL DATUM:

NGVD 29 ELEVATION BASIS. CENTER OF STAR UNDER CANNON AT NORTHEAST CORNER OF OLD COUNTY COURTHOUSE LOT (NOW PROVIDED) AT 255 N. MAIN, LAKEPORT. ELEVATION IS 1338.36' AS PROVIDED BY LAKE COUNTY PUBLIC WORKS DEPARTMENT (TOM SMYTHE, WATER RESOURCES ENGINEER).

SURVEY NOTES:

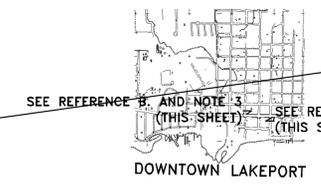
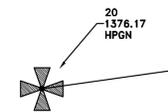
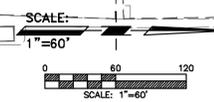
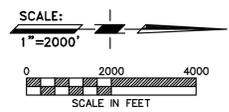
1. THIS DRAWING DOES NOT CONSTITUTE A BOUNDARY LINE SURVEY.
2. ALL BOUNDARY LINES, RIGHT OF WAY, EASEMENTS AND ENCROACHMENTS SHOWN ARE APPROXIMATE.
3. SEE PRESERVATION OF MONUMENT NOTES IN SECTION B, SHEET G-3

REFERENCES:

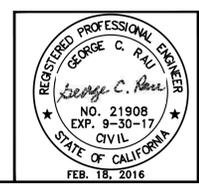
- A. BOOK 93 OF RECORD OF SURVEYS AT PAGE 47 LAKE COUNTY RECORDS
- B. BOOK 12 OF RECORD OF SURVEYS AT PAGE 7 LAKE COUNTY RECORDS
- BOOK 85 OF RECORD OF SURVEYS AT PAGES 3 & 4 LAKE COUNTY RECORDS
- BOOK 1 OF RECORD OF SURVEYS AT PAGE 55B LAKE COUNTY RECORDS
- BOOK 12 OF RECORD OF SURVEYS AT PAGE 7 LAKE COUNTY RECORDS
- BOOK 8 OF PARCEL MAPS AT PAGE 28 LAKE COUNTY RECORDS
- BOOK 77 OF RECORD OF SURVEYS AT PAGE 34 LAKE COUNTY RECORDS
- BOOK 67 OF RECORD OF SURVEYS AT PAGE 39 LAKE COUNTY RECORDS
- BOOK 68 OF RECORD OF SURVEYS AT PAGE 28 LAKE COUNTY RECORDS

Point #	Northing	Easting	Elevation	Description
1	2,143,338.1731	6,302,275.3183	1329.52	PK NAIL
2	2,142,981.1082	6,302,093.8900	1329.11	PK NAIL
3	2,142,682.3888	6,302,100.4398	1329.59	SET 1/2" PIPE
4	2,142,726.4124	6,301,664.1133	1346.49	PK NAIL
5	2,142,732.7962	6,301,714.4551	1341.33	PK NAIL
6	2,143,063.0165	6,301,721.9202	1338.90	PK NAIL
7	2,143,063.5347	6,301,604.4359	1346.96	PK NAIL
8	2,143,242.1322	6,301,709.5866	1338.36	BM@STAR
9	2,143,276.0125	6,301,719.7681	1337.56	PK NAIL
10	2,143,271.3936	6,301,459.4378	1345.94	PK NAIL
11	2,142,027.7804	6,301,763.3528	1331.72	LEAD TAG
12	2,142,239.8329	6,301,767.9509	1332.84	LEAD TAG
13	2,142,314.0653	6,301,706.1974	1332.72	PK NAIL
14	2,142,366.3939	6,301,698.4174	1334.85	BM@FH BOLT
15	2,142,378.5311	6,301,456.2145	1337.87	PK NAIL
16	2,142,017.3508	6,301,510.5216	1332.58	PK NAIL
17	2,142,313.8877	6,301,769.5959	1332.66	LEAD TAG
20	2,133,242.8900	6,302,316.0600	1376.17	HPGN
21	2,157,860.9991	6,298,870.4331	1452.11	HPGN
22	2,143,529.7931	6,301,794.8356	1335.22	PK N&S_SET
23	2,143,585.7833	6,301,648.1733	1336.21	PK N&S_SET
24	2,143,795.2360	6,301,805.8294	1332.13	PK N&S_SET
25	2,143,828.6795	6,301,614.5300	1332.89	1/2" I.P. CP_SET
28	2,142,370.3204	6,301,687.4833	1333.54	PK N&S_SET

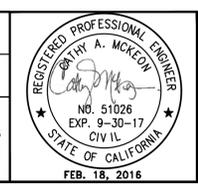
NOTE: ALL CONTROL POINT ELEVATIONS WERE ESTABLISHED BY CLOSED LEVEL LOOPS PERFORMED BY RAU AND ASSOCIATES, INC.



BASIS OF BEARINGS
 T.S. 50758'03"E, 24,858.07'
 REC. (24,858.03)



PROJECT ENGINEER: CATHY A. MCKEON
 LICENSE: NO. 51026 EXP.: 9-30-17
VERIFY SCALE
 BAR REPRESENTS THREE INCHES ON ORIGINAL



Crawford & Associates, Inc.
 Geotechnical Engineering, Design and Construction Services
 100 N. Pine Street
 Ukiah, CA 95482

RAU AND ASSOCIATES INC.
 CIVIL ENGINEERS · LAND SURVEYORS
 100 NORTH PINE STREET · (707) 462-6536 · UKIAH, CA 95482

LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II
 N. MAIN STREET LAKEPORT, CA.

SCALE: AS NOTED APPROVED BY: DRAWN BY: JJR/MAW
 DATE: FEB. 2016 REVIEWED BY: CAM

SURVEY CONTROL PLAN

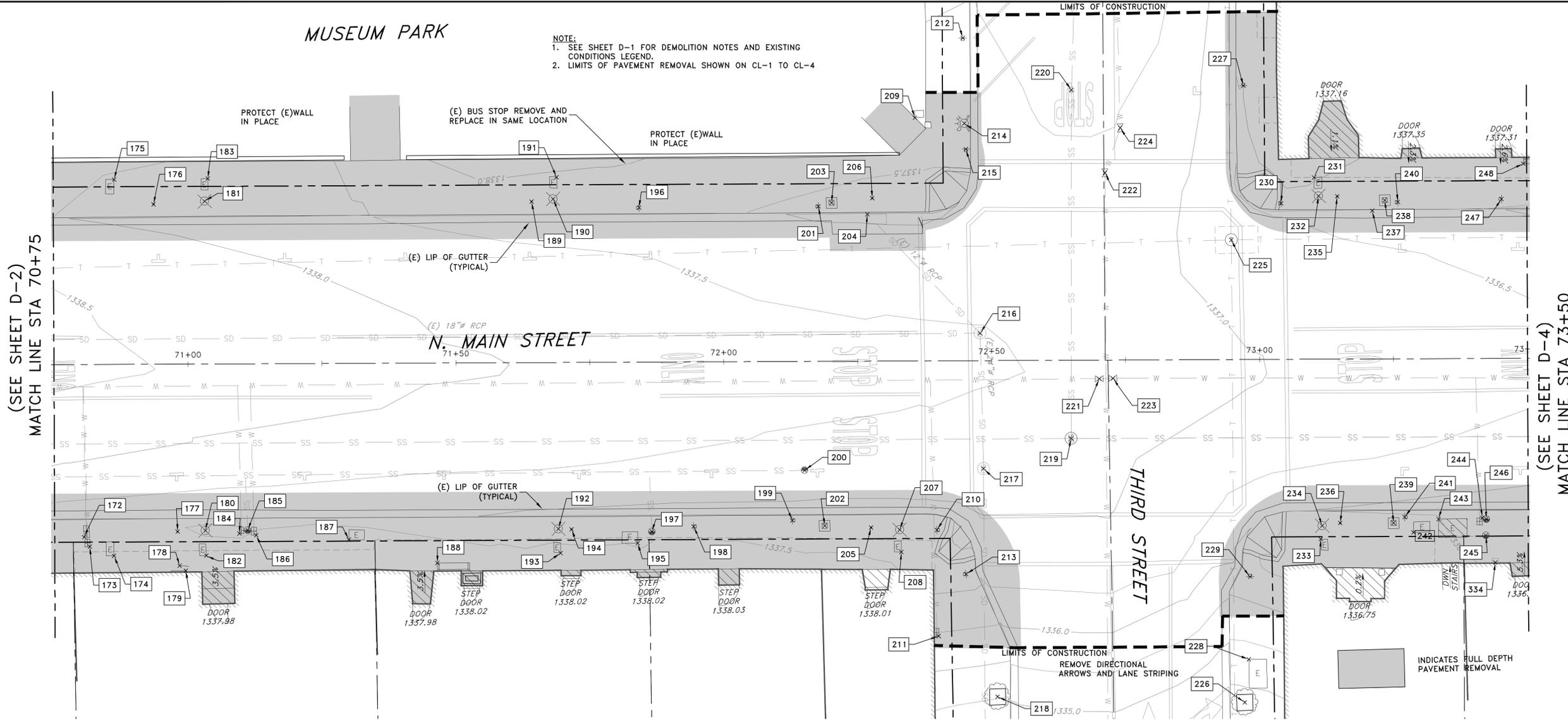
CITY OF LAKEPORT DRAWING NUMBER
 G-5 OF 70 SHTS

BID SET

Xrefs: LD_CX-TBLOCK.dwg; LD_CX-EX_TOPO.dwg; LD_CX-ROW_AFN.dwg; Path: S:\AutoCAD Civil 3D\Projects\15-219-X-City of Lakeport\Drawings\RAU\LDI-EXIST_DEMO.dwg Plot Date: Feb 18, 2016 at 12:27

MUSEUM PARK

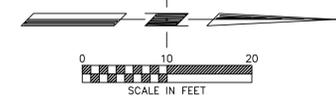
NOTE:
 1. SEE SHEET D-1 FOR DEMOLITION NOTES AND EXISTING CONDITIONS LEGEND.
 2. LIMITS OF PAVEMENT REMOVAL SHOWN ON CL-1 TO CL-4



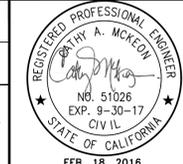
DEMO NO.	DESCRIPTION	DEMOLITION NOTE	REF.	STATION	OFFSET	NOTE
172	IRRIGATION WATER METER AND BOX	REMOVE AND RECONSTRUCT	CG-4/U-2	'MS' 70+80.5	32.0 Rt	17, 19
173	IRRIGATION WATER VALVE AND BOX	REMOVE AND RECONSTRUCT	CG-4/U-2	'MS' 70+81.5	33.8 Rt	17, 19
174	ELECTRIC PULL BOX	REMOVE AND RECONSTRUCT	CG-4/E-3	'MS' 70+86.1	35.6 Rt	-
175	ELECTRIC PULL BOX	REMOVE AND RECONSTRUCT	CG-4/E-3	'MS' 70+86.4	34.4 Lt	-
176	3/4" FLAGPOLE HOLE	REMOVE AND RELOCATE	CG-4	'MS' 70+93.7	29.7 Lt	-
177	3/4" FLAGPOLE HOLE	REMOVE AND RELOCATE	CG-4	'MS' 70+98.0	31.1 Rt	-
178	NEWSPAPER STAND	REMOVE AND SALVAGE		'MS' 70+98.3	37.4 Rt	-
179	IRRIGATION ELECTRIC METER BOX	RESET AT FG	CG-4	'MS' 70+99.4	38.4 Rt	-
180	STREET LAMP W/PLAQUE (021)	SALVAGE AND RECONSTRUCT	CG-4/E-3	'MS' 71+03.1	30.9 Rt	-
181	STREET LAMP (NO PLAQUE)	SALVAGE AND RECONSTRUCT	CG-4/E-3	'MS' 71+03.3	30.2 Lt	-
182	ELECTRIC PULL BOX	SALVAGE AND RECONSTRUCT	CG-4/E-3	'MS' 71+03.3	35.6 Rt	-
183	ELECTRIC PULL BOX	SALVAGE AND RECONSTRUCT	CG-4/E-3	'MS' 71+03.9	34.4 Lt	-
184	WATER METER AND BOX	SALVAGE AND RECONSTRUCT	CG-4	'MS' 71+09.5	31.5 Rt	17, 19
185	SANITARY SEWER CLEAN-OUT (12" DIA.)	SALVAGE AND RECONSTRUCT	CG-4	'MS' 71+11.0	30.9 Rt	19
186	WATER METER AND BOX	REMOVE AND RECONSTRUCT	CG-4	'MS' 71+12.6	31.8 Rt	17, 19
187	PGE VAULT	RELOCATED/RESET BY OTHERS	CG-4	'MS' 71+29.9	32.7 Rt	20
188	BENCH	REMOVE AND SALVAGE		'MS' 71+46.4	37.2 Rt	-
189	3/4" FLAGPOLE HOLE	REMOVE AND RELOCATE	CG-4	'MS' 71+64.3	29.9 Lt	-
190	STREET LAMP (NO PLAQUE)	REMOVE AND RECONSTRUCT	CG-4/E-3	'MS' 71+68.3	30.4 Lt	-
191	ELECTRIC PULL BOX	REMOVE AND RECONSTRUCT	CG-4/E-3	'MS' 71+68.9	34.4 Lt	-
192	STREET LAMP W/PLAQUE (022)	REMOVE AND RECONSTRUCT	CG-4/E-3	'MS' 71+69.0	30.9 Rt	-
193	ELECTRIC PULL BOX	REMOVE AND RECONSTRUCT	CG-4/E-3	'MS' 71+69.4	35.4 Rt	-
194	3/4" FLAGPOLE HOLE	REMOVE AND RELOCATE	CG-4	'MS' 71+71.5	31.0 Rt	-
195	PGE VAULT	RELOCATED/RESET BY OTHERS	CG-4	'MS' 71+83.8	33.6 Rt	20
196	NO PARKING SIGN (R26 CA)	REMOVE AND SALVAGE	PD-3	'MS' 71+84.3	28.7 Lt	-
197	SANITARY SEWER CLEAN-OUT (12" DIA.)	RESET AT FG	CG-4/U-2	'MS' 71+86.5	31.5 Rt	19

DEMO NO.	DESCRIPTION	DEMOLITION NOTE	REF.	STATION	OFFSET	NOTE
198	2 HR PARKING SIGN (R32 CA)	REMOVE AND SALVAGE	PD-3	'MS' 71+94.2	30.6 Rt	-
199	CITY OF LAKEPORT SIGN W/DIRECTIONS	REMOVE AND SALVAGE	PD-3	'MS' 72+17.2	29.5 Rt	-
200	SANITARY SEWER CLEAN-OUT (12" DIA.)	REMOVE AND RECONSTRUCT	CG-4/U-2	'MS' 15+15.02	20.2 Rt	19
201	BUS STOP SIGN	REMOVE AND SALVAGE	PD-3	'MS' 72+17.8	28.8 Lt	-
202	TRASH RECEPTACLE	REMOVE AND SALVAGE	-	'MS' 72+18.7	30.5 Rt	-
203	TRASH RECEPTACLE	REMOVE AND SALVAGE	-	'MS' 72+20.2	29.4 Lt	-
204	DRAINAGE INLET	REMOVE AND DISPOSE	SD-2	'MS' 72+20.9	27.3 Lt	-
205	3/4" FLAGPOLE HOLE	REMOVE AND RELOCATE	CG-5	'MS' 72+27.4	30.9 Rt	-
206	3/4" FLAGPOLE HOLE	REMOVE AND RELOCATE	CG-5	'MS' 72+27.8	30.3 Lt	-
207	STREET LAMP W/PLAQUE (023)	SALVAGE AND RECONSTRUCT	CG-5/E-3	'MS' 72+32.7	31.4 Rt	-
208	ELECTRIC PULL BOX	REMOVE AND RECONSTRUCT	CG-5/E-3	'MS' 72+33.0	35.9 Rt	-
209	CLOCK PEDESTAL	PROTECT IN PLACE		'MS' 72+35.7	45.2 Lt	-
210	STOP SIGN (R1-1) W/STREET NAMES	REMOVE AND RELOCATE	PD-3	'MS' 72+39.6	31.4 Rt	-
211	WATER METER AND BOX	REMOVE AND RECONSTRUCT	CG-5	'MS' 72+39.9	51.2 Rt	17, 19
212	2 HR PARKING SIGN (R32 CA)	REMOVE AND SALVAGE	PD-3	'MS' 72+44.8	59.9 Lt	-
213	2-NO U-TURN SIGNS (R3-4)	REMOVE AND SALVAGE	PD-3	'MS' 72+45.0	39.6 Rt	-
214	FIRE HYDRANT	RESET AT FG	CG-5	'MS' 72+45.1	44.1 Lt	-
215	STOP SIGN (R1-1) W/STREET NAMES	REMOVE AND SALVAGE	PD-3	'MS' 72+45.4	39.3 Lt	-
216	STORM DRAIN MANHOLE	RESET AT FG	SD-2/CL-3	'MS' 72+47.9	5.1 Lt	-
217	STORM DRAIN MANHOLE	RESET AT FG	SD-2/CL-3	'MS' 72+48.4	20.1 Rt	-
218	TREE	PROTECT IN PLACE		'MS' 72+50.8	62.5 Rt	-
219	SANITARY SEWER MANHOLE	RESET AT FG	CL-3	'MS' 72+64.8	14.5 Rt	19
220	SSCO BOX AND SERVICE	REMOVE AND RECONSTRUCT	U-3	'MS' 72+65.1	50.2 Lt	-
221	WATER VALVE (6")	REMOVE AND RECONSTRUCT	CL-3/U-3	'MS' 72+70.1	3.5 Rt	-
222	WATER VALVE (6")	REMOVE AND RECONSTRUCT	CL-3/U-3	'MS' 72+71.3	34.8 Lt	-
223	WATER VALVE (6")	REMOVE AND RECONSTRUCT	CL-3/U-3	'MS' 72+72.6	3.4 Rt	-
224	WATER VALVE (6")	REMOVE AND RECONSTRUCT	CL-3/U-3	'MS' 72+74.2	43.1 Lt	-

DEMO NO.	DESCRIPTION	DEMOLITION NOTE	REF.	STATION	OFFSET	NOTE
225	TELEPHONE MANHOLE	RESET AT FG	CL-3	'MS' 72+94.8	22.2 Lt	-
226	TREE	PROTECT IN PLACE		'MS' 72+97.0	63.7 Rt	-
227	2 HR PARKING SIGN (R32 CA)	REMOVE AND REPLACE	PD-3	'MS' 72+97.0	50.8 Lt	-
228	PGE VAULT	PROTECT IN PLACE		'MS' 72+97.7	55.7 Rt	20
229	STOP SIGN (R1-1) W/STREET NAMES	REMOVE AND SALVAGE	PD-3	'MS' 72+98.0	40.3 Rt	-
230	STOP SIGN (R1-1) W/STREET NAMES	REMOVE AND SALVAGE	PD-3	'MS' 73+04.1	29.0 Lt	-
231	ELECTRIC PULL BOX	REMOVE AND RECONSTRUCT	CG-5/E-3	'MS' 73+10.3	33.8 Lt	-
232	STREET LAMP W/PLAQUE (024)	SALVAGE AND RECONSTRUCT	CG-5/E-3	'MS' 73+11.1	30.3 Lt	-
233	ELECTRIC PULL BOX	REMOVE AND RECONSTRUCT	CG-5	'MS' 73+11.3	33.4 Rt	-
234	STREET LAMP W/PLAQUE (025)	SALVAGE AND RECONSTRUCT	CG-5/E-3	'MS' 73+11.5	30.9 Rt	-
235	3/4" FLAGPOLE HOLE	REMOVE AND RELOCATE	CG-5	'MS' 73+14.6	30.2 Lt	-
236	3/4" FLAGPOLE HOLE	REMOVE AND RELOCATE	CG-5	'MS' 73+14.9	30.5 Rt	-
237	DOWNSPOUT (2" DIA SW DRAIN)	REMOVE AND RECONSTRUCT	CG-5	'MS' 73+21.1	27.5 Lt	-
238	TRASH RECEPTACLE	REMOVE AND SALVAGE	-	'MS' 73+23.5	29.5 Lt	-
239	TRASH RECEPTACLE	REMOVE AND SALVAGE	-	'MS' 73+24.9	30.5 Rt	-
240	2 HR PARKING SIGN (R32 CA)	REMOVE AND SALVAGE	PD-3	'MS' 73+25.9	29.1 Lt	-
241	2 HR PARKING SIGN (R32 CA)	REMOVE AND SALVAGE	PD-3	'MS' 73+26.9	29.4 Rt	-
242	PGE VAULT	RELOCATED/RESET BY OTHERS	CG-5	'MS' 73+28.6	32.3 Rt	20
243	PGE BOX	RELOCATED/RESET BY OTHERS	CG-5	'MS' 73+33.3	29.8 Rt	20
244	WATER METER AND BOX	SALVAGE AND RECONSTRUCT	CG-5/U-2	'MS' 73+41.4	29.6 Rt	17, 19
245	SSCO BOX AND SERVICE	SALVAGE AND RECONSTRUCT	CG-5/U-2	'MS' 73+42.1	32.9 Rt	-
246	SSCO BOX AND SERVICE	SALVAGE AND RECONSTRUCT	CG-5/U-2	'MS' 73+42.2	29.8 Rt	-
247	CITY OF LAKEPORT SIGN W/DIRECTIONS	REMOVE AND SALVAGE	PD-3	'MS' 73+45.3	29.6 Lt	-
248	BENCH	REMOVE AND SALVAGE	-	'MS' 73+49.4	36.1 Lt	-
334	VENT BOX	REMOVE AND REPLACE	CG-5	'MS' 73+43.8	37.9 Rt	-



PROJECT ENGINEER: CATHY A. MCKEON
 LICENSE: NO. 51026 EXP.: 9-30-17
VERIFY SCALE
 BAR REPRESENTS THREE INCHES ON ORIGINAL



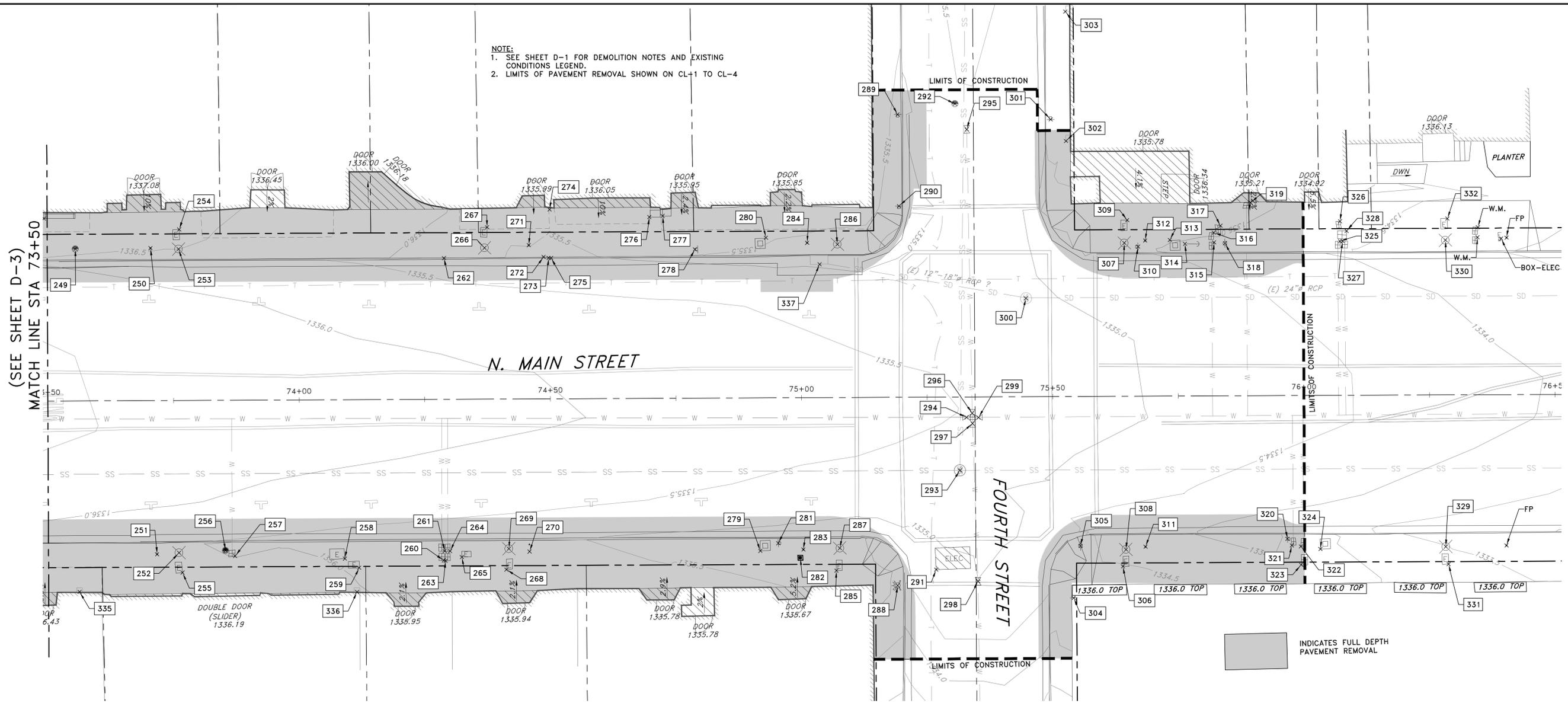
Crawford & Associates, Inc.
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LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II
 N. MAIN STREET LAKEPORT, CA.
 SCALE: 1"=10' APPROVED BY: DRAWN BY: MAW
 DATE: FEB. 2016 REVIEWED BY: CAM
 EXISTING CONDITIONS/DEMOLITION PLAN
 STA: 70+75 TO STA: 73+50
 CITY OF LAKEPORT DRAWING NUMBER D-3 of 70 SHTS

BID SET

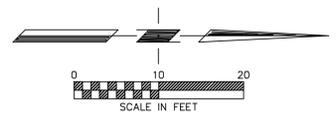
Xrefs: LD_CX-TBLOCK.dwg; LD_RX-EX_TPO.dwg; LD_CX-ROW_AFN.dwg Plot Date: Feb 18, 2016 at 12:27
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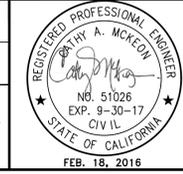
DEMO NO.	DESCRIPTION	DEMOLITION NOTE	REF.	STATION	OFFSET	NOTE
249	SSCO BOX AND SERVICE	RESET AT FG	CG-5/U-3	*MS' 73+55.6	30.1' Lt	19
250	3/4" FLAGPOLE HOLE	REMOVE AND RELOCATE	CG-5	*MS' 73+70.6	30.2' Lt	-
251	3/4" FLAGPOLE HOLE	REMOVE AND RELOCATE	CG-5	*MS' 73+71.6	30.4' Rt	-
252	STREET LAMP W/PLAQUE (033)	SALVAGE AND RECONSTRUCT	CG-6/E-4	*MS' 73+76.0	30.2' Rt	-
253	STREET LAMP W/PLAQUE (034)	SALVAGE AND RECONSTRUCT	CG-6/E-4	*MS' 73+76.1	30.0' Lt	-
254	ELECTRICAL PULL BOX	REMOVE AND RECONSTRUCT	CG-6/E-4	*MS' 73+76.3	33.9' Lt	-
255	ELECTRICAL PULL BOX	REMOVE AND RECONSTRUCT	CG-6/E-4	*MS' 73+76.7	34.1' Rt	-
256	SSCO BOX AND SERVICE	REMOVE AND RECONSTRUCT	CG-6/U-3	*MS' 73+85.2	29.8' Rt	19
257	WATER METER AND BOX	REMOVE AND RECONSTRUCT	CG-6/U-3	*MS' 73+87.1	30.9' Rt	-
258	ELECTRICAL PULL BOX	REMOVE AND RECONSTRUCT	CG-6/E-4	*MS' 74+09.0	31.5' Rt	-
259	ELECTRICAL PULL BOX	REMOVE AND RECONSTRUCT	CG-6/E-4	*MS' 74+11.8	33.3' Rt	-
260	WATER METER AND BOX	REMOVE AND RECONSTRUCT	CG-6/U-3	*MS' 74+28.6	31.9' Rt	17, 19
261	WATER METER AND BOX	REMOVE AND RECONSTRUCT	CG-6/U-3	*MS' 74+28.8	30.1' Rt	17, 19
262	SIDEWALK UNDERDRAIN	REMOVE AND RECONSTRUCT	CG-6	*MS' 74+28.9	27.9' Lt	-
263	WATER METER AND BOX	REMOVE AND RECONSTRUCT	CG-6/U-3	*MS' 74+29.0	32.0' Rt	17, 19
264	WATER METER AND BOX	REMOVE AND RECONSTRUCT	CG-6/U-3	*MS' 74+29.9	30.1' Rt	-
265	ELECTRICAL PULL BOX	REMOVE AND RECONSTRUCT	CG-6/U-3	*MS' 74+32.2	31.3' Rt	-
266	STREET LAMP W/PLAQUE (036)	SALVAGE AND RECONSTRUCT	CG-6/E-4	*MS' 74+37.0	29.9' Lt	-
267	ELECTRICAL PULL BOX	REMOVE AND RECONSTRUCT	CG-6/E-4	*MS' 74+37.6	34.0' Lt	-
268	ELECTRICAL PULL BOX	REMOVE AND RECONSTRUCT	CG-6/E-4	*MS' 74+41.1	33.8' Rt	-
269	STREET LAMP W/PLAQUE (035)	SALVAGE AND RECONSTRUCT	CG-6/E-4	*MS' 74+41.6	29.6' Rt	-
270	3/4" FLAGPOLE HOLE	REMOVE AND RELOCATE	CG-6	*MS' 74+45.7	30.2' Rt	-
271	3/4" FLAGPOLE HOLE	REMOVE AND RELOCATE	CG-6	*MS' 74+45.8	30.5' Lt	-
272	SIDEWALK UNDERDRAIN	REMOVE AND RECONSTRUCT	CL-4	*MS' 74+48.8	28.1' Lt	-
273	SIDEWALK UNDERDRAIN	REMOVE AND RECONSTRUCT	CL-4	*MS' 74+49.8	27.9' Lt	-
274	DOWN SPOUT	REMOVE AND RECONSTRUCT	CL-4	*MS' 74+50.0	37.5' Lt	-
275	SIDEWALK UNDERDRAIN	REMOVE AND RECONSTRUCT	CL-4	*MS' 74+50.3	27.9' Lt	-
276	NEWSPAPER STAND	REMOVE AND SALVAGE	-	*MS' 74+69.9	35.9' Lt	-
277	NEWSPAPER STAND	REMOVE AND SALVAGE	-	*MS' 74+72.5	36.1' Lt	-
278	SIGN	REMOVE AND SALVAGE	PD-4	*MS' 74+78.9	29.5' Lt	-
279	TRASH RECEPTICAL	REMOVE AND SALVAGE	-	*MS' 74+91.7	30.3' Rt	-
280	TRASH RECEPTICAL	REMOVE AND SALVAGE	-	*MS' 74+93.1	31.7' Lt	-
281	SIGN	REMOVE AND RELOCATE	PD-4	*MS' 74+95.2	28.8' Rt	-

DEMO NO.	DESCRIPTION	DEMOLITION NOTE	REF.	STATION	OFFSET	NOTE
282	PROJECT CONTROL (NAIL & SHINER)	PROTECT IN PLACE	G-6	*MS' 74+99.6	31.7' Rt	-
283	3/4" FLAGPOLE HOLE	REMOVE AND RELOCATE	CG-7	*MS' 75+00.2	30.0' Rt	-
284	3/4" FLAGPOLE HOLE	REMOVE AND RELOCATE	CG-7	*MS' 75+01.3	30.7' Lt	-
285	ELECTRICAL PULL BOX	REMOVE AND RECONSTRUCT	CG-7	*MS' 75+06.8	34.3' Rt	-
286	STREET LAMP W/PLAQUE (038)	SALVAGE AND RECONSTRUCT	E-4/CG-7	*MS' 75+07.3	30.4' Lt	-
287	STREET LAMP W/PLAQUE (037)	SALVAGE AND RECONSTRUCT	E-4/CG-7	*MS' 75+07.5	29.8' Rt	-
288	FIRE HYDRANT	RESET AT FG	CG-7	*MS' 75+19.0	37.3' Lt	-
289	SIGN	REMOVE AND SALVAGE	PD-4	*MS' 75+19.4	56.0' Lt	-
290	STOP SIGN	REMOVE AND SALVAGE	PD-4	*MS' 75+19.6	37.9' Lt	-
291	ELECTRICAL PULL BOX	RESET AT FG	CL-4	*MS' 75+26.6	34.2' Rt	-
292	SSCO BOX AND SERVICE	REMOVE AND RECONSTRUCT	CL-4	*MS' 75+30.8	58.1' Lt	-
293	SANITARY SEWER MANHOLE	RESET AT FG	CL-4	*MS' 75+31.5	14.5' Rt	-
294	WATER VALVE (8")	REMOVE AND RECONSTRUCT	CL-4	*MS' 75+32.8	4.0' Rt	19
295	WATER VALVE (6")	REMOVE AND RECONSTRUCT	CL-4	*MS' 75+33.1	53.0' Lt	19
296	WATER VALVE (6")	REMOVE AND RECONSTRUCT	CL-4	*MS' 75+33.9	3.2' Rt	19
297	WATER VALVE (6")	REMOVE AND RECONSTRUCT	CL-4	*MS' 75+34.0	5.2' Rt	19
298	WATER VALVE (6")	REMOVE AND RECONSTRUCT	CL-4	*MS' 75+35.0	36.5' Rt	19
299	WATER VALVE (6")	REMOVE AND RECONSTRUCT	CL-4	*MS' 75+35.2	4.1' Rt	19
300	STORM DRAIN MANHOLE	RESET AT FG	CL-4	*MS' 75+44.8	19.5' Lt	-
301	SIGN	REMOVE AND SALVAGE	PD-4	*MS' 75+49.8	54.9' Lt	-
302	VENT BOX	REMOVE AND REPLACE	CG-7	*MS' 75+52.9	50.6' Lt	-
303	VENT BOX	PROTECT IN PLACE	CG-7	*MS' 75+52.8	76.2' Lt	-
304	STOP SIGN	REMOVE AND SALVAGE	PD-4	*MS' 75+54.0	39.9' Rt	-
305	UTILITY POLE	PROTECT IN PLACE	CG-7	*MS' 75+55.4	29.6' Rt	-
306	ELECTRICAL PULL BOX	REMOVE AND RECONSTRUCT	CG-7	*MS' 75+63.8	33.7' Rt	-
307	STREET LAMP W/PLAQUE (040)	SALVAGE AND RECONSTRUCT	CG-7/E-4	*MS' 75+64.4	30.4' Lt	-
308	STREET LAMP W/PLAQUE (039)	SALVAGE AND RECONSTRUCT	CG-7/E-4	*MS' 75+64.4	30.3' Rt	-

DEMO NO.	DESCRIPTION	DEMOLITION NOTE	REF.	STATION	OFFSET	NOTE
309	ELECTRICAL PULL BOX	REMOVE AND RECONSTRUCT	CG-7	*MS' 75+65.0	34.9' Lt	-
310	SIGN	REMOVE AND SALVAGE	PD-4	*MS' 75+67.1	29.6' Lt	-
311	3/4" FLAGPOLE HOLE	REMOVE AND RELOCATE	CG-7	*MS' 75+68.3	29.8' Rt	-
312	3/4" FLAGPOLE HOLE	REMOVE AND RELOCATE	CG-7	*MS' 75+68.5	30.8' Lt	-
313	TRASH RECEPTICAL	REMOVE AND SALVAGE	CG-7	*MS' 75+73.4	30.9' Lt	-
314	GUY WIRE	PROTECT IN PLACE	CG-7	*MS' 75+76.5	30.1' Lt	-
315	WATER METER AND BOX	REMOVE AND RECONSTRUCT	CG-7/U-3	*MS' 75+82.2	30.4' Lt	17, 19
316	WATER METER AND BOX	REMOVE AND RECONSTRUCT	CG-7/U-3	*MS' 75+82.2	32.4' Lt	17, 19
317	WATER METER AND BOX	REMOVE AND RECONSTRUCT	CG-7/U-3	*MS' 75+83.5	33.7' Lt	17, 19
318	UTILITY POLE	PROTECT IN PLACE	CG-7	*MS' 75+84.4	30.2' Lt	-
319	WATER METER AND BOX	REMOVE AND RECONSTRUCT	CG-7/U-3	*MS' 75+89.6	38.3' Lt	17, 19
320	SIGN	REMOVE AND SALVAGE	PD-4	*MS' 75+96.6	28.4' Rt	-
321	WATER METER AND BOX	REMOVE AND RECONSTRUCT	CG-7/U-3	*MS' 75+97.5	29.7' Rt	17, 19
322	WATER METER AND BOX	REMOVE AND RECONSTRUCT	CG-7/U-3	*MS' 75+99.3	29.9' Rt	17, 19
323	WATER METER AND BOX	REMOVE AND RECONSTRUCT	CG-7/U-3	*MS' 75+99.3	33.5' Rt	17, 19
324	TRASH RECEPTICAL	PROTECT IN PLACE	CG-7	*MS' 76+03.1	30.4' Rt	-
325	WATER METER AND BOX	PROTECT IN PLACE	CG-7	*MS' 76+07.3	30.5' Lt	-
326	WATER METER AND BOX	PROTECT IN PLACE	CG-7	*MS' 76+07.3	34.5' Lt	-
327	WATER METER AND BOX	PROTECT IN PLACE	CG-7	*MS' 76+07.8	30.5' Lt	-
328	WATER METER AND BOX	PROTECT IN PLACE	CG-7	*MS' 76+08.6	32.6' Lt	-
329	STREET LAMP W/PLAQUE (041)	PROTECT IN PLACE	CG-7	*MS' 76+28.1	30.0' Rt	-
330	STREET LAMP W/PLAQUE (042)	PROTECT IN PLACE	CG-7	*MS' 76+28.3	30.6' Lt	-
331	ELECTRICAL PULL BOX	PROTECT IN PLACE	CG-7	*MS' 76+28.6	33.5' Rt	-
332	ELECTRICAL PULL BOX	PROTECT IN PLACE	CG-7	*MS' 76+28.7	34.9' Lt	-
335	VENT BOX	REMOVE AND REPLACE	CG-7	*MS' 73+56.14	37.9' Rt	-
336	VENT BOX	REMOVE AND REPLACE	CG-7	*MS' 74+11.3	38.0' Rt	-
337	SD INLET	REMOVE AND DISPOSE	SD-2	*MS' 75+03.5	26.5' Lt	-



PROJECT ENGINEER: CATHY A. MCKEON
 LICENSE: NO. 51026 EXP.: 9-30-17
VERIFY SCALE
 BAR REPRESENTS THREE INCHES ON ORIGINAL



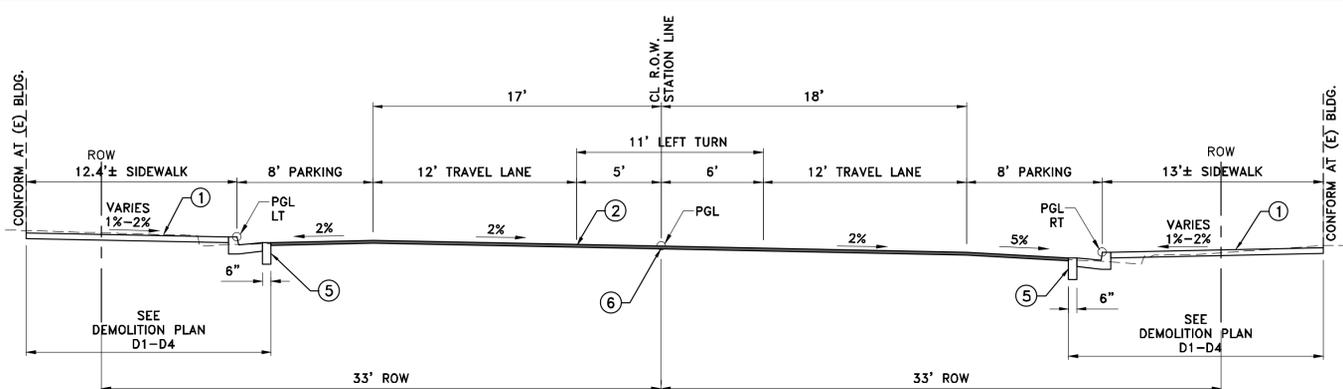
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 100 NORTH PINE STREET · (707) 462-6536 · UKIAH, CA 95482

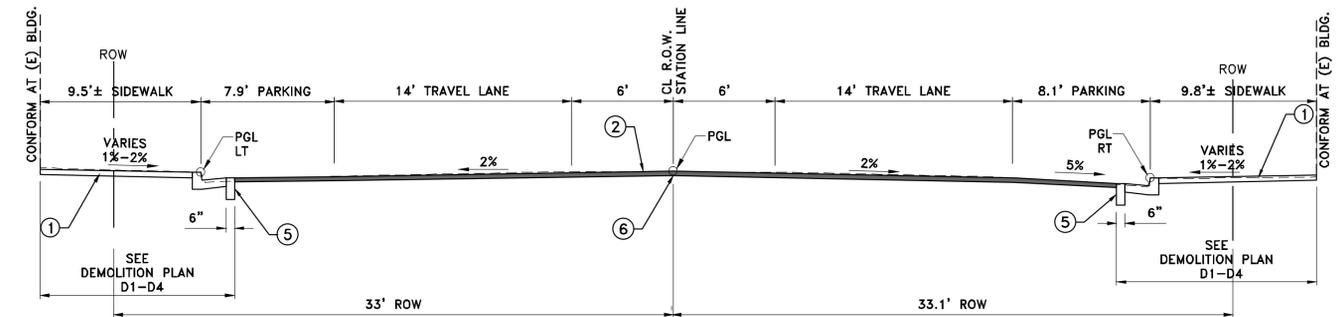
LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II
 N. MAIN STREET LAKEPORT, CA.
 SCALE: 1"=10' APPROVED BY: DRAWN BY: MAW
 DATE: FEB. 2016 REVIEWED BY: CAM
 EXISTING CONDITIONS/DEMOLITION PLAN
 STA: 70+75 TO STA: 73+50
 CITY OF LAKEPORT DRAWING NUMBER D-4 of 70 SHTS

BID SET

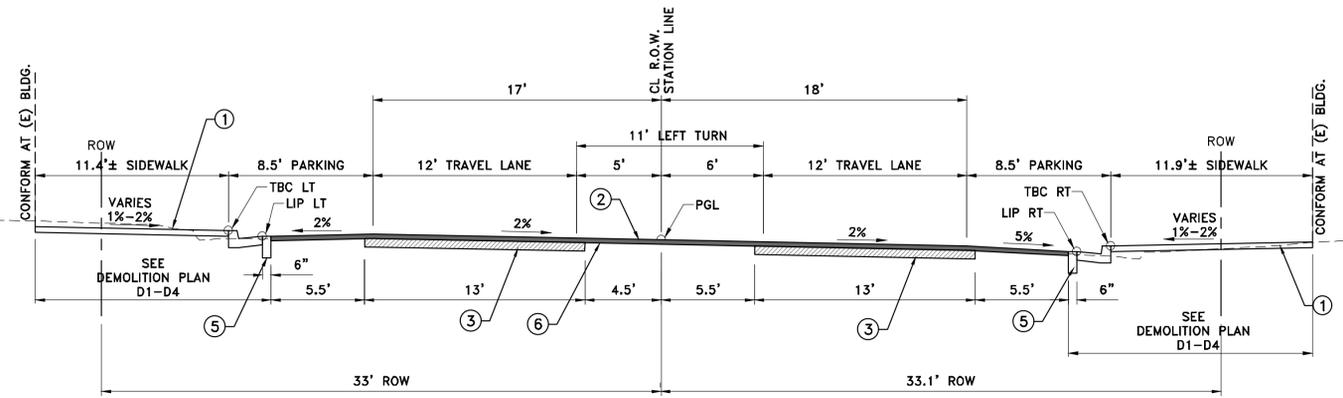
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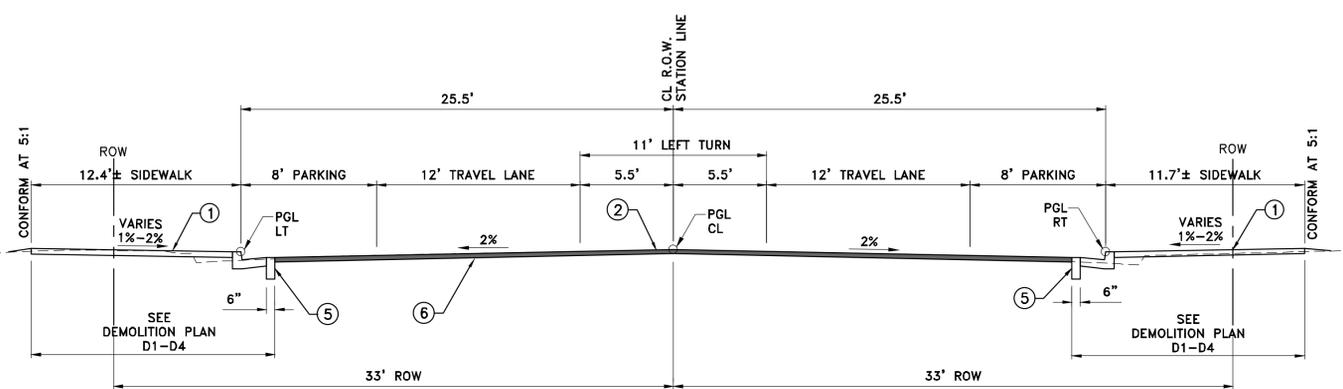
NORTH MAIN STREET - STA: 67+36.57 to 69+31.36



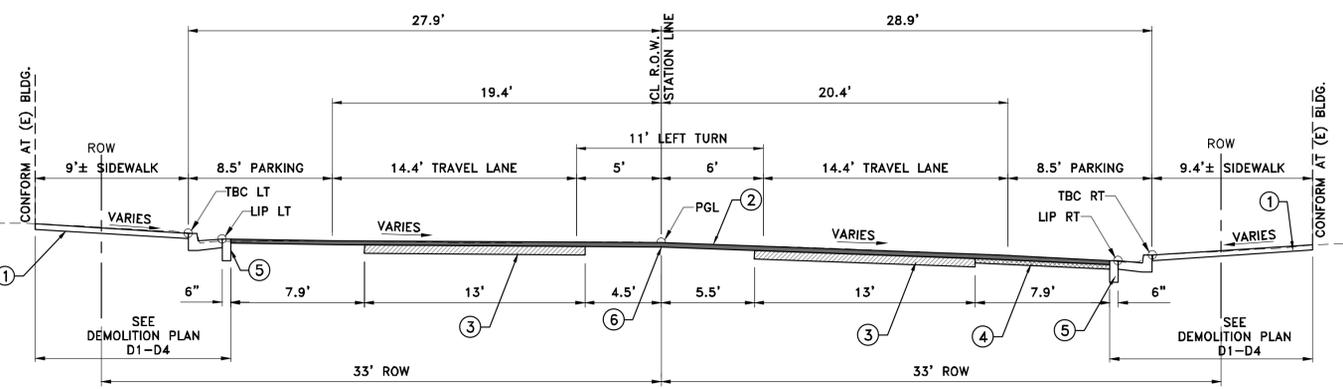
NORTH MAIN STREET - STA: 76+00
(CONFORM TO EXISTING)



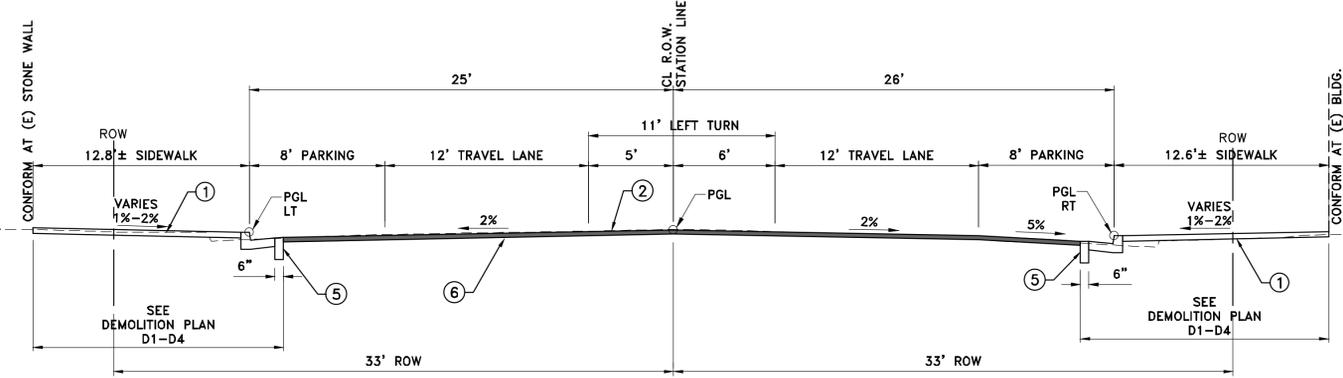
SOUTH MAIN STREET - STA: 66+32.12 to 69+50.00



NORTH MAIN STREET - STA: 73+31.5 to 74+75



SOUTH MAIN STREET - STA: 66+24.01 at CONFORM



NORTH MAIN STREET - STA: 70+66.53 to 72+10.57

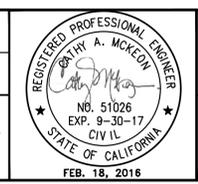
KEY NOTES:

1. NEW CURB, GUTTER AND SIDEWALK PER DETAILS SHEET CD-1 FOR SIDEWALK GRADES SEE SHEETS CG-1 TO CG-7.
2. ALL PAVEMENT SURFACES TO BE 3" BELOW P(FG) AND BACKFILLED WITH HMA. SEE SHEETS CL-1 TO CL-4.
3. REMOVE AND REPLACE ADDITIONAL 6" BELOW (P) COLD PLANE SURFACE (9" BELOW (P)FG). SEE SHEET CL-1 TO CL-4.
4. REMOVE AND REPLACE ADDITIONAL 3" BELOW (P) COLD PLANE SURFACE (6" BELOW (P)FG). SEE SHEET CL-1 TO CL-4.
5. REMOVE 6" WIDE FULL DEPTH HMA FROM (P) LIP OF GUTTER. (GUTOUTS) TO BE INCLUDED IN DEMOLITION OF CURB, GUTTER AND SIDEWALK. SEE SHEETS D-1 TO D-4.
6. INSTALL PAVEMENT UNDERLAY.

PAVEMENT NOTES:

1. PAVING SHALL BE COMPLETED AS FOLLOWS:
 - GRIND TO DEPTHS SPECIFIED
 - PAVE LOW AREAS TO WITHIN 3" OF (P) FG
 - PLACE 1" LEVELING COURSE FULL PAVEMENT WIDTH.
 - PLACE GEOTEXTILE FABRIC
 - PLACE 2" FINISHED LIFT FULL PAVEMENT WIDTH.
2. GUTOUTS SHALL BE COMPLETED PRIOR TO GRINDING AND PAVED CONCURRENT WITH THE ADJACENT PAVEMENT. SEE KEYNOTE 5.
3. SEE SHEETS TS-1 TO TS-3 FOR TYPICAL FINISHED GRADE SLOPES AND WIDTHS.
4. CONCRETE PAVING IN DOORWAY ENTRIES ONLY IN SPECIFIED AREAS. SEE SHEETS CG-1 TO CG-7 AND DETAIL 2, SHEET CD-2.
5. CONFORM AT BUILDING FACE SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAILS 1 AND 2, SHEET CD-3.

PROJECT ENGINEER: CATHY A. MCKEON
 LICENSE: NO. 51026 EXP.: 9-30-17
 VERIFY SCALE
 BAR REPRESENTS THREE INCHES ON ORIGINAL



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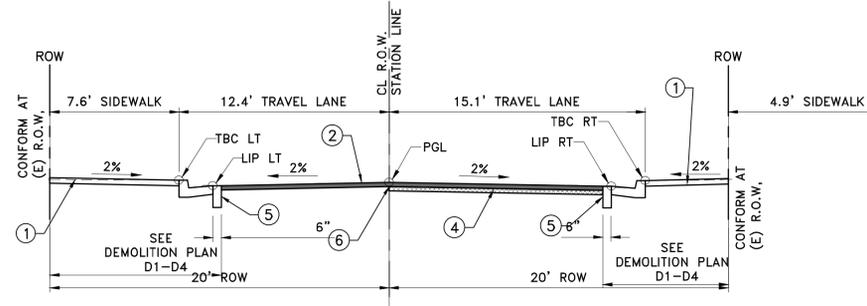
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LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II
 S. MAIN STREET LAKEPORT, CA.
 SCALE: 1"=5' APPROVED BY: DRAWN BY: MAW
 DATE: FEB. 2016 REVIEWED BY: CAM

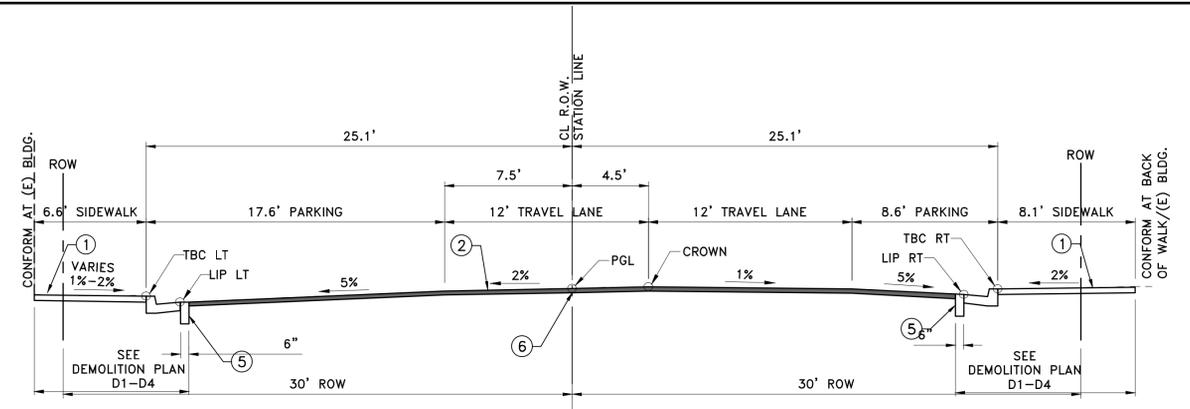
TYPICAL SECTIONS
 SOUTH MAIN STREET AND NORTH MAIN STREET
 CITY OF LAKEPORT DRAWING NUMBER
 TS-1 of 70 SHTS

BID SET

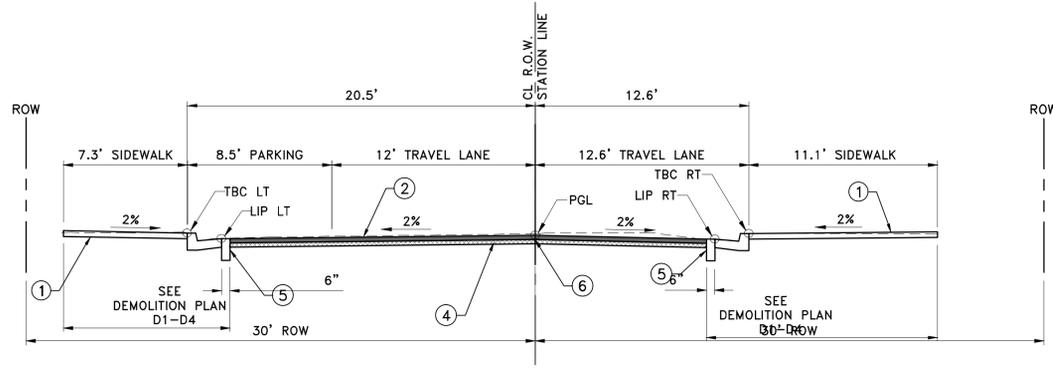
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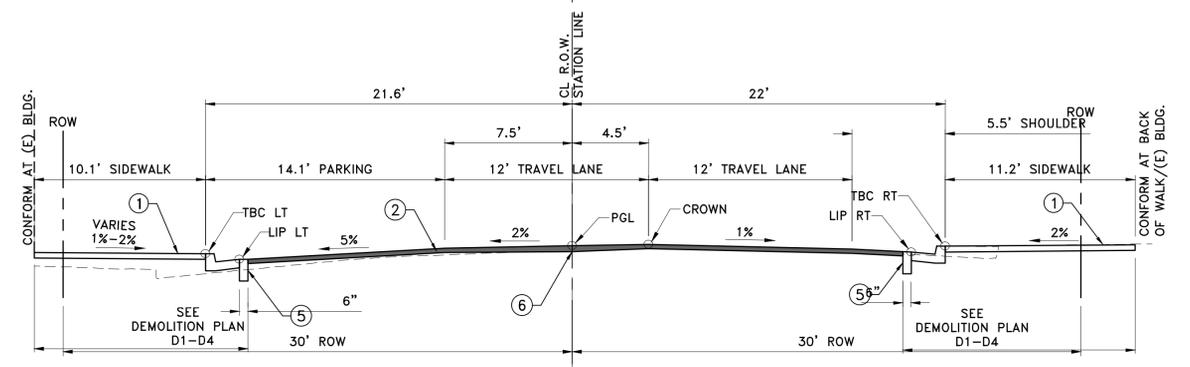
FIRST STREET-STA:"FS-E" 10+41.43 (PCR) to STA: "FS-E" 10+50.00 (CONFORM)



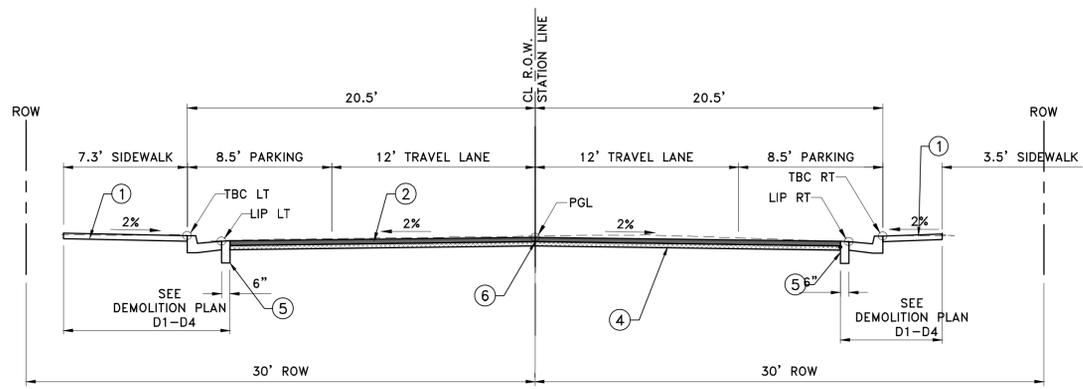
SECOND STREET-STA:"SS-E" 10+49.18 to STA: "SS-E" 10+59.70 (CONFORM)



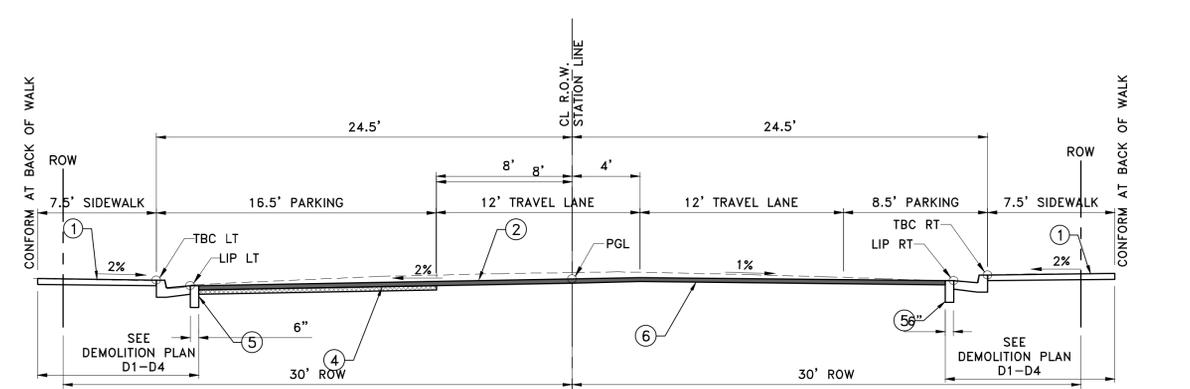
FIRST STREET-STA:"FS-W" 9+54.56 to STA: "FS-W" 9+64.50 (PCR)



SECOND STREET-STA:"SS-E" 10+41.35 (PCR) to STA: "SS-E" 10+49.18



FIRST STREET-STA:"FS-W" 9+38.70 (CONFORM) to STA: "FS-W" 9+54.56



SECOND STREET-STA:"SS-W" 9+45.12 (CONFORM) to STA: "SS-W" 9+64.25 (PCR)

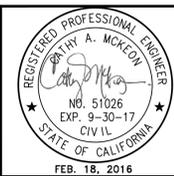
KEY NOTES:

1. NEW CURB, GUTTER AND SIDEWALK PER DETAILS SHEET CD-1 FOR SIDEWALK GRADES SEE SHEETS CG-1 TO CG-7.
2. ALL PAVEMENT SURFACES TO BE 3" BELOW P(FG) AND BACKFILLED WITH HMA. SEE SHEETS CL-1 TO CL-4.
3. REMOVE AND REPLACE ADDITIONAL 6" BELOW (P) COLD PLANE SURFACE (9" BELOW (P)FG). SEE SHEET CL-1 TO CL-4.
4. REMOVE AND REPLACE ADDITIONAL 3" BELOW (P) COLD PLANE SURFACE (6" BELOW (P)FG). SEE SHEET CL-1 TO CL-4.
5. REMOVE 6" WIDE FULL DEPTH HMA FROM (P) LIP OF GUTTER. 9GUTOUT) TO BE INCLUDED IN DEMOLITION OF CURB, GUTTER AND SIDEWALK. SEE SHEETS D-1 TO D-4.
6. INSTALL PAVEMENT UNDERLAY.

NOTE:

1. SEE SHEET TS-1 FOR PAVEMENT NOTES.

PROJECT ENGINEER: CATHY A. MCKEON
 LICENSE: NO. 51026 EXP.: 9-30-17
VERIFY SCALE
 BAR REPRESENTS THREE INCHES ON ORIGINAL



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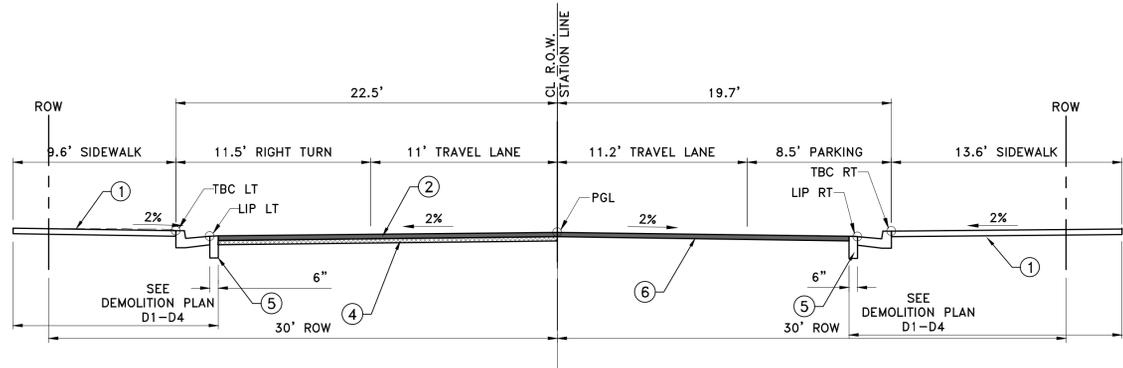
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LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II
 N. MAIN STREET LAKEPORT, CA.
 SCALE: 1"=5' APPROVED BY: DRAWN BY: MAW
 DATE: FEB. 2016 REVIEWED BY: CAM

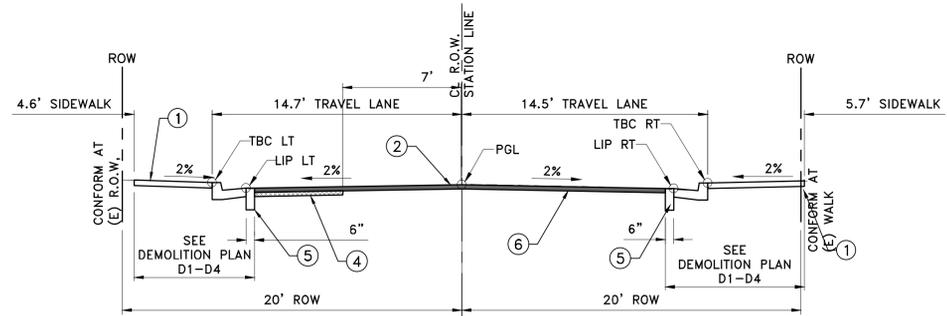
TYPICAL SECTIONS
 FIRST ST. AND SECOND ST.
 CITY OF LAKEPORT DRAWING NUMBER
 TS-2 of 70 SHTS

BID SET

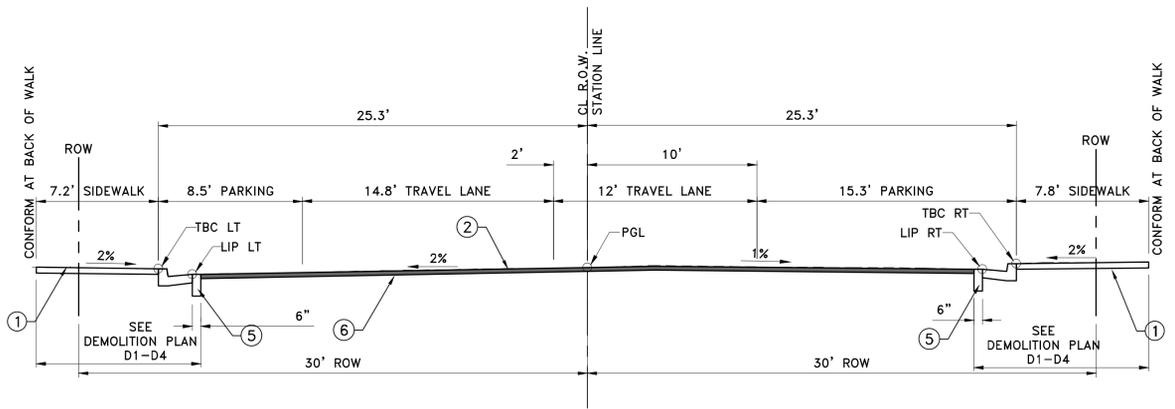
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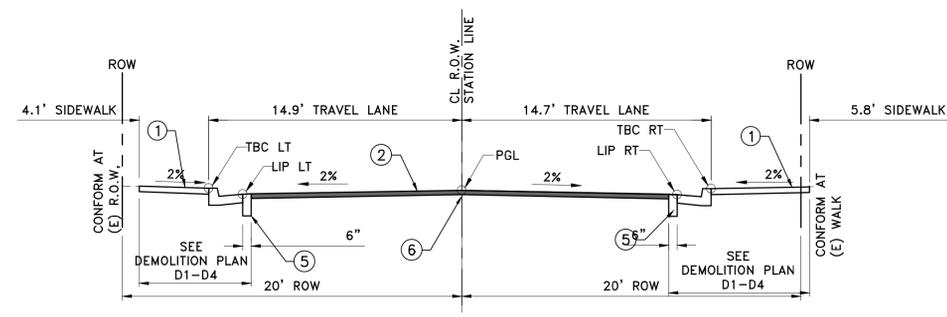
THIRD STREET-STA: "TS-E" 10+40.74 (PCR) to
STA: "TS-E" 10+53.14 (CONFORM)



FOURTH STREET-STA:"FOS-E" 10+36.04 (PCR) to
STA: "FOS-E" 10+51.82 (CONFORM)



THIRD STREET-STA:"TS-W" 9+35.34 (CONFORM) to
STA: "TS-W" 9+64.07 (PCR)



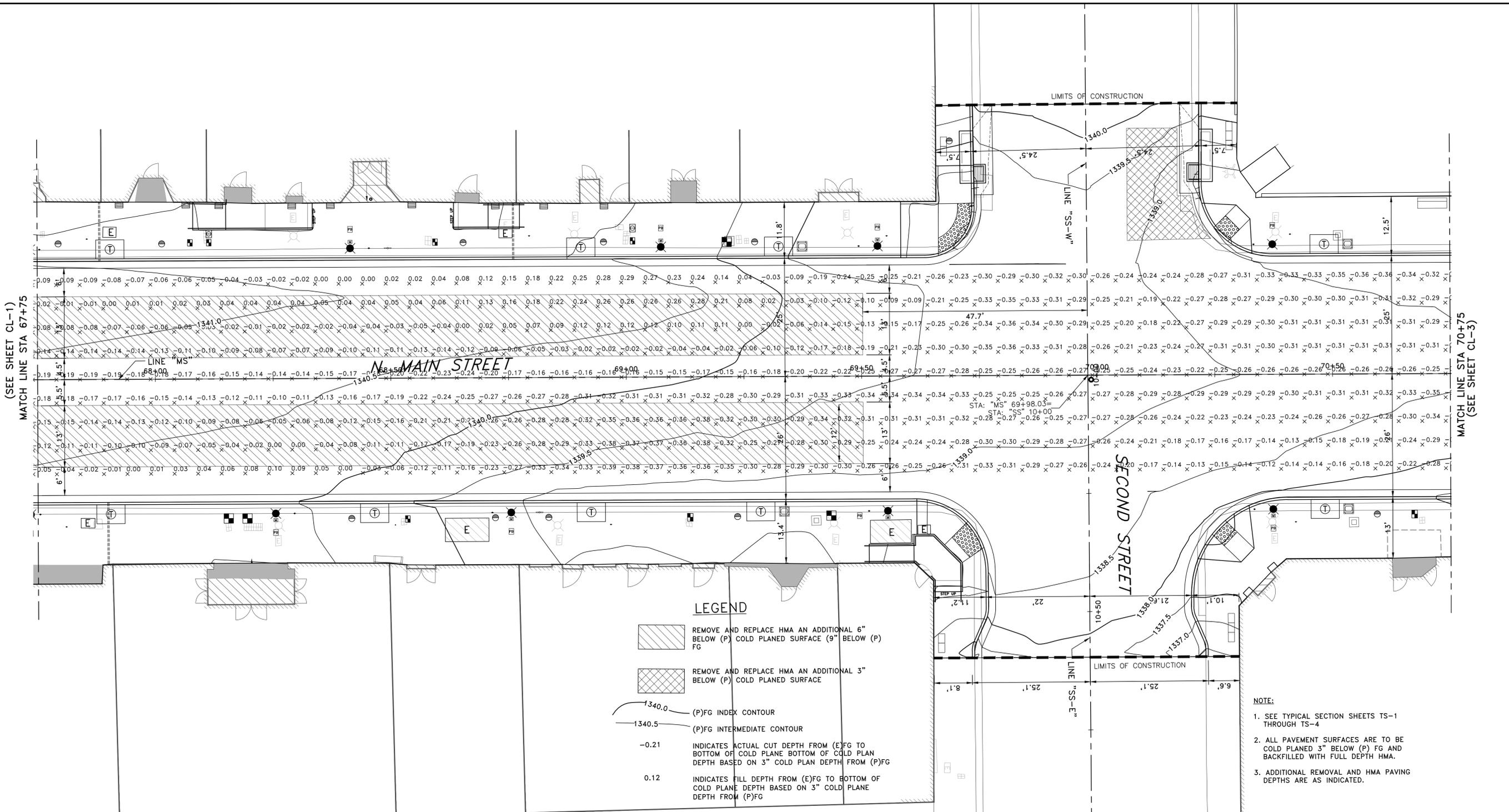
FOURTH STREET-STA:"FOS-W" 9+47.34 (CONFORM) to
STA: "FOS-W" 9+59.03 (PCR)

- KEY NOTES:**
- NEW CURB, GUTTER AND SIDEWALK PER DETAILS SHEET CD-1 FOR SIDEWALK GRADES SEE SHEETS CG-1 TO CG-7.
 - ALL PAVEMENT SURFACES TO BE 3" BELOW P(FG) AND BACKFILLED WITH HMA. SEE SHEETS CL-1 TO CL-4.
 - REMOVE AND REPLACE ADDITIONAL 6" BELOW (P) COLD PLANE SURFACE (9" BELOW (P)FG). SEE SHEET CL-1 TO CL-4.
 - REMOVE AND REPLACE ADDITIONAL 3" BELOW (P) COLD PLANE SURFACE (6" BELOW (P)FG). SEE SHEET CL-1 TO CL-4.
 - REMOVE 6" WIDE FULL DEPTH HMA FROM (P) LIP OF GUTTER. (GUTOUT) TO BE INCLUDED IN DEMOLITION OF CURB, GUTTER AND SIDEWALK. SEE SHEETS D-1 TO D-4.
 - INSTALL PAVEMENT UNDERLAY.
- NOTE:**
- SEE SHEET TS-1 FOR PAVEMENT NOTES.

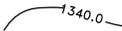
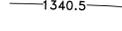
PROJECT ENGINEER: CATHY A. MCKEON		 Geotechnical Engineering, Design and Construction Services 100 N. Pine Street Ukiah, CA 95482	LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II N. MAIN STREET LAKEPORT, CA.	
LICENSE: NO. 51026 EXP.: 9-30-17			SCALE: 1"=5'	APPROVED BY:
		 CIVIL ENGINEERS · LAND SURVEYORS 100 NORTH PINE STREET • (707) 462-6536 • UKIAH, CA 95482	DATE: FEB. 2016	REVIEWED BY: CAM
			TYPICAL SECTIONS THIRD ST. AND FOURTH ST.	
			CITY OF LAKEPORT	
			DRAWING NUMBER TS-3 of 70 SHTS	

BID SET

Xrefs: LD_LCX-TBLOCK.dwg; LD_RX-EX_TOPO.dwg; LD_LCX-BASE_NeBulbouts.dwg; LD_LCX-ROW_APN.dwg
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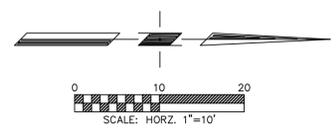


LEGEND

-  REMOVE AND REPLACE HMA AN ADDITIONAL 6" BELOW (P) COLD PLANED SURFACE (9" BELOW (P) FG
-  REMOVE AND REPLACE HMA AN ADDITIONAL 3" BELOW (P) COLD PLANED SURFACE
-  1340.0 (P)FG INDEX CONTOUR
-  1340.5 (P)FG INTERMEDIATE CONTOUR
-  -0.21 INDICATES ACTUAL CUT DEPTH FROM (E)FG TO BOTTOM OF COLD PLANE BOTTOM OF COLD PLAN DEPTH BASED ON 3" COLD PLAN DEPTH FROM (P)FG
-  0.12 INDICATES FILL DEPTH FROM (E)FG TO BOTTOM OF COLD PLANE DEPTH BASED ON 3" COLD PLAN DEPTH FROM (P)FG

NOTE:

1. SEE TYPICAL SECTION SHEETS TS-1 THROUGH TS-4
2. ALL PAVEMENT SURFACES ARE TO BE COLD PLANED 3" BELOW (P) FG AND BACKFILLED WITH FULL DEPTH HMA.
3. ADDITIONAL REMOVAL AND HMA PAVING DEPTHS ARE AS INDICATED.



PROJECT ENGINEER: CATHY A. McKEON
 LICENSE: NO. 51026 EXP: 9-30-17
VERIFY SCALE
 BAR REPRESENTS THREE INCHES ON ORIGINAL

REGISTERED PROFESSIONAL ENGINEER
 CATHY A. McKEON
 No. 51026
 EXP. 9-30-17
 CIVIL
 STATE OF CALIFORNIA
 FEB. 18, 2016

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 Ukiah, CA 95402

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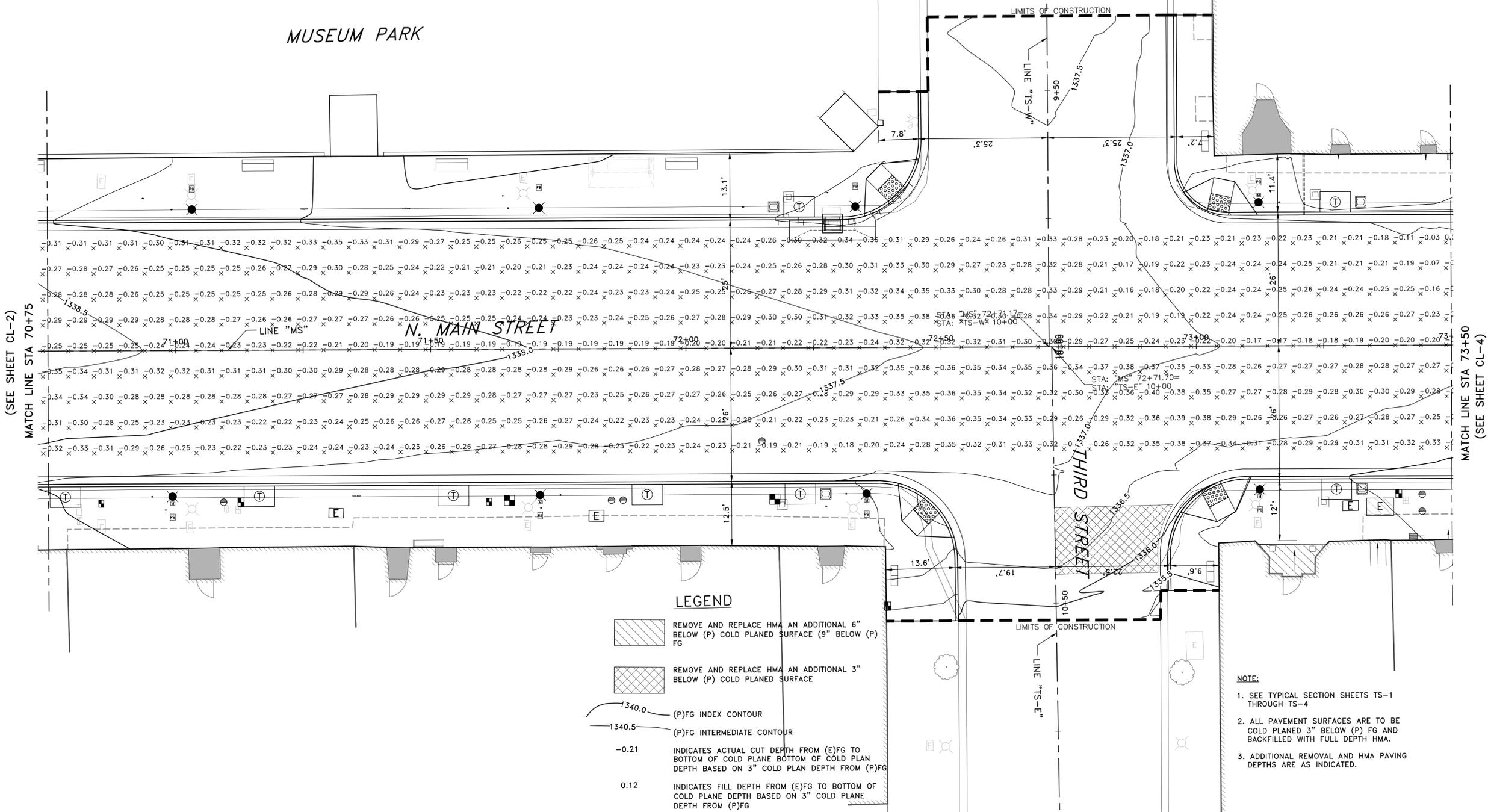
LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II
 N. MAIN STREET LAKEPORT, CA.
 SCALE: 1"=10' APPROVED BY: DRAWN BY: MAW
 DATE: FEB. 2016 REVIEWED BY: CAM

PAVEMENT PLAN
 STA: 67+75 TO STA: 70+75
 CITY OF LAKEPORT DRAWING NUMBER
 CL-2 of 70 SHTS

BID SET

Xrefs: LD_CX-TBLOCK.dwg; LD_RX-EX_TOPO.dwg; LD_CX-BASE_NeBulbouts.dwg; LD_CX-ROW_APN.dwg
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MUSEUM PARK

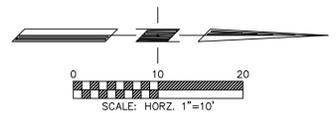


LEGEND

-  REMOVE AND REPLACE HMA AN ADDITIONAL 6" BELOW (P) COLD PLANED SURFACE (9" BELOW (P) FG
-  REMOVE AND REPLACE HMA AN ADDITIONAL 3" BELOW (P) COLD PLANED SURFACE
-  1340.0 (P)FG INDEX CONTOUR
-  1340.5 (P)FG INTERMEDIATE CONTOUR
-  -0.21 INDICATES ACTUAL CUT DEPTH FROM (E)FG TO BOTTOM OF COLD PLANE BOTTOM OF COLD PLAN DEPTH BASED ON 3" COLD PLAN DEPTH FROM (P)FG
-  0.12 INDICATES FILL DEPTH FROM (E)FG TO BOTTOM OF COLD PLANE DEPTH BASED ON 3" COLD PLANE DEPTH FROM (P)FG

NOTE:

1. SEE TYPICAL SECTION SHEETS TS-1 THROUGH TS-4
2. ALL PAVEMENT SURFACES ARE TO BE COLD PLANED 3" BELOW (P) FG AND BACKFILLED WITH FULL DEPTH HMA.
3. ADDITIONAL REMOVAL AND HMA PAVING DEPTHS ARE AS INDICATED.



PROJECT ENGINEER: CATHY A. MCKEON
 LICENSE: NO. 51026 EXP.: 9-30-17
VERIFY SCALE
 0 1/2 1 2 3
 BAR REPRESENTS THREE INCHES ON ORIGINAL

REGISTERED PROFESSIONAL ENGINEER
 CATHY A. MCKEON
 No. 51026
 EXP. 9-30-17
 CIVIL
 STATE OF CALIFORNIA
 FEB. 18, 2016

Crawford & Associates, Inc.
 Geotechnical Engineering, Design and Construction Services
 100 N. Pine Street
 Ukiah, CA 95482

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 100 NORTH PINE STREET · (707) 462-6536 · UKIAH, CA 95482

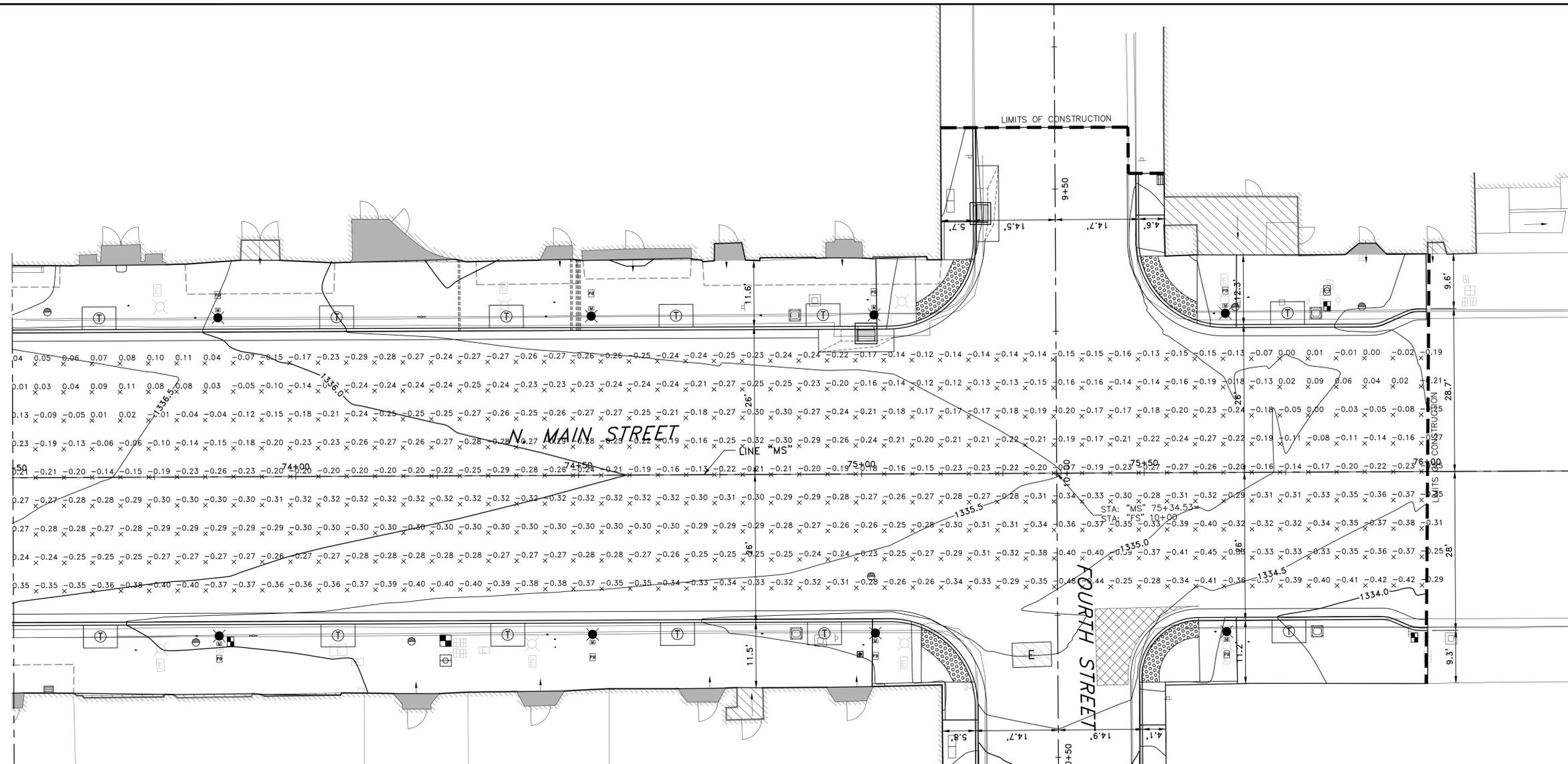
LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II
 N. MAIN STREET LAKEPORT, CA.
 SCALE: 1"=10' APPROVED BY: DRAWN BY: MAW
 DATE: FEB. 2016 REVIEWED BY: CAM

PAVEMENT PLAN
 STA: 70+75 TO STA: 73+50
 CITY OF LAKEPORT DRAWING NUMBER
 CL-3 of 70 SHTS

BID SET

Xrefs: LD_LCX-TBLOCK.dwg; LD_LCX-EX_TOPO.dwg; LD_LCX-BASE_NoBulbouts.dwg; LD_LCX-ROW_APN.dwg
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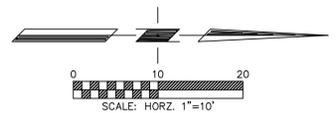
(SEE SHEET CL-3)
 MATCH LINE STA 70+75



LEGEND

-  REMOVE AND REPLACE HMA AN ADDITIONAL 6" BELOW (P) COLD PLANED SURFACE (9" BELOW (P) FG
-  REMOVE AND REPLACE HMA AN ADDITIONAL 3" BELOW (P) COLD PLANED SURFACE
-  (P)FG INDEX CONTOUR
-  (P)FG INTERMEDIATE CONTOUR
-  -0.21 INDICATES ACTUAL CUT DEPTH FROM (E)FG TO BOTTOM OF COLD PLANE BOTTOM OF COLD PLAN DEPTH BASED ON 3" COLD PLAN DEPTH FROM (P)FG
-  0.12 INDICATES FILL DEPTH FROM (E)FG TO BOTTOM OF COLD PLANE DEPTH BASED ON 3" COLD PLAN DEPTH FROM (P)FG

- NOTE:**
1. SEE TYPICAL SECTION SHEETS TS-1 THROUGH TS-4
 2. ALL PAVEMENT SURFACES ARE TO BE COLD PLANED 3" BELOW (P) FG AND BACKFILLED WITH FULL DEPTH HMA.
 3. ADDITIONAL REMOVAL AND HMA PAVING DEPTHS ARE AS INDICATED.



PROJECT ENGINEER: CATHY A. McKEON
 LICENSE: NO. 51026 EXP: 9-30-17

VERIFY SCALE

0 1/2 1 2 3
 BAR REPRESENTS THREE INCHES ON ORIGINAL

REGISTERED PROFESSIONAL ENGINEER
 CATHY A. McKEON
 No. 51026
 EXP. 9-30-17
 CIVIL
 STATE OF CALIFORNIA
 FEB. 18, 2016

Crawford & Associates, Inc.
 Geotechnical Engineering, Design and Construction Services
 100 N. Pine Street
 Ukiah, CA 95482

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LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
 N. MAIN STREET LAKEPORT, CA.

SCALE: 1"=10' APPROVED BY: DRAWN BY: MAW
 DATE: FEB. 2016 REVIEWED BY: CAM

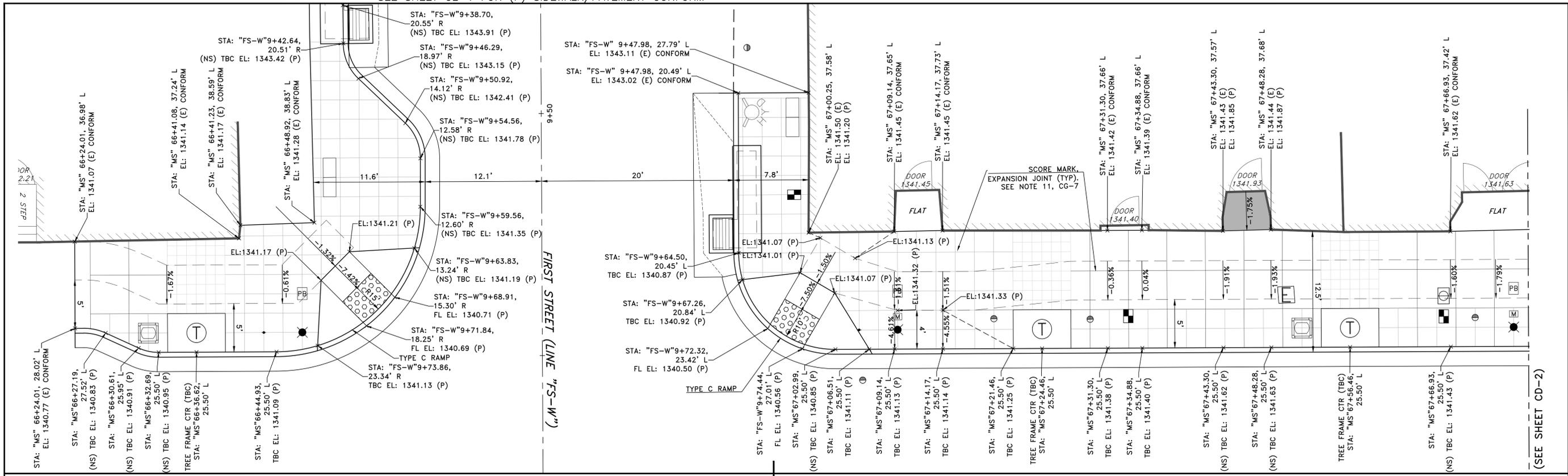
PAVEMENT PLAN
 STA: 73+50 TO STA: 76+00

CITY OF LAKEPORT DRAWING NUMBER
 CL-4 of 70 SHTS

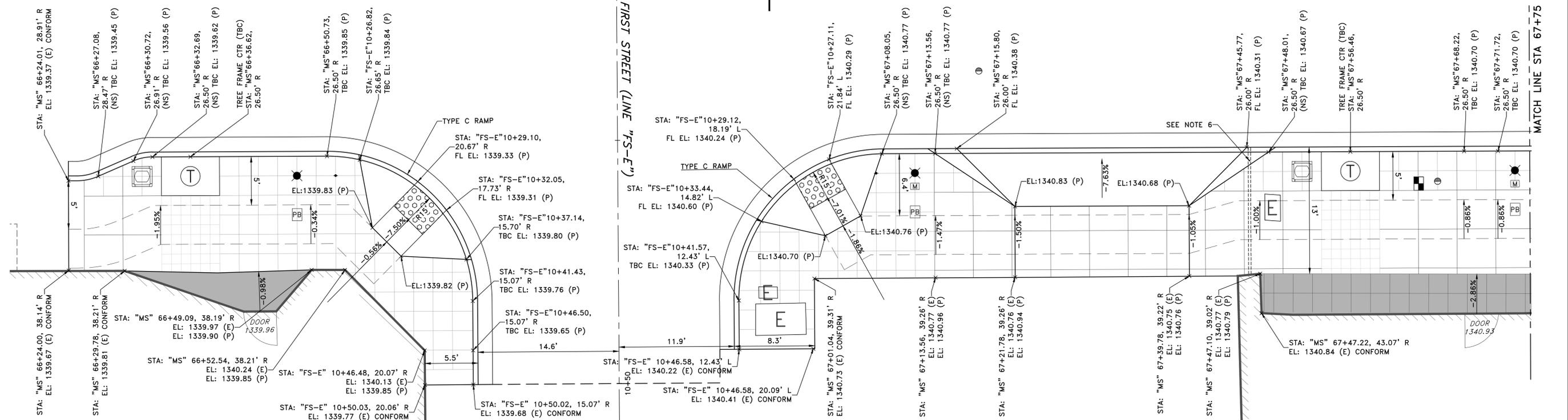
BID SET

Xrefs: LDI_CX-TBLOCK.dwg; LDI_RX-TOPO.dwg; LDI_CX-ROW_APN.dwg; LDI_CX-BASE_NoBulbouts.dwg; LDI_CX-SIDEWALK_GRADING.DWG; Plot Date: Feb. 18, 2016 at 15:39
 Path: C:\Users\Cathy.McKeon\AppData\Local\Temp\AcPublish_149668\LDI_CX-SIDEWALK_GRADING.DWG

SEE SHEET CL-1 FOR (P) SIDEWALK/PAVEMENT CONFORM

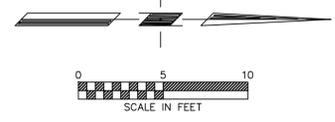


(SEE SHEET CD-2)



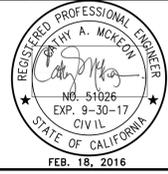
MATCH LINE STA 67+75

SEE CG-7 FOR NOTES AND LEGEND



PROJECT ENGINEER: CATHY A. MCKEON
 LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
 BAR REPRESENTS THREE INCHES ON ORIGINAL



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 Livermore, CA 94550

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 100 NORTH PINE STREET · (707) 462-6536 · URBAN, CA 95482

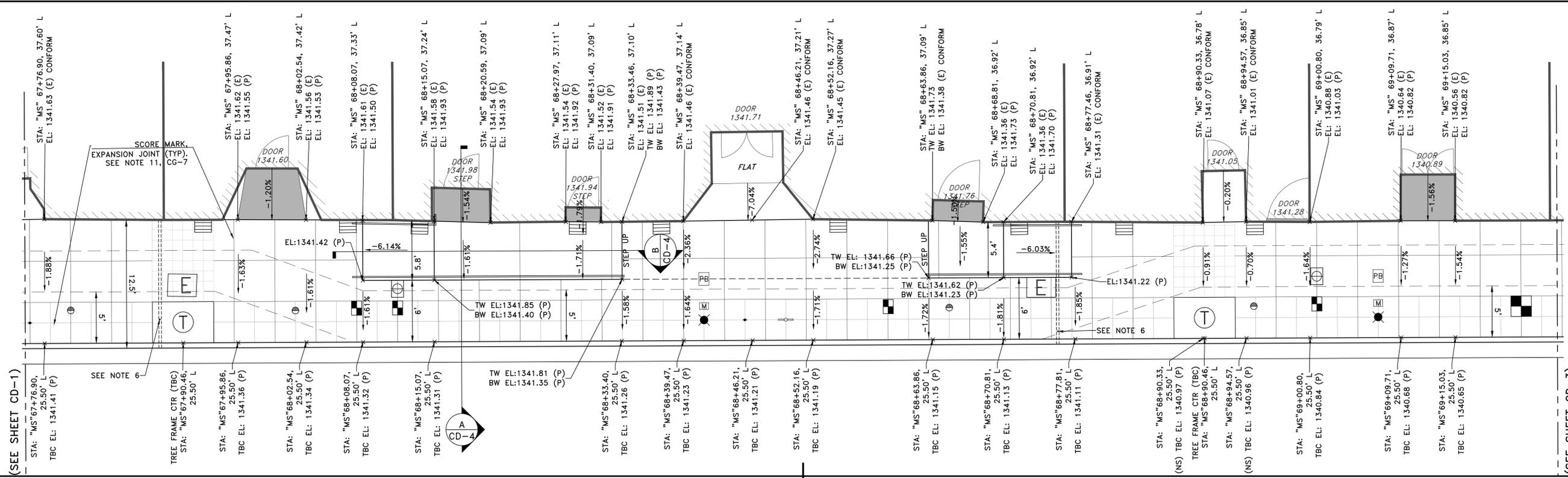
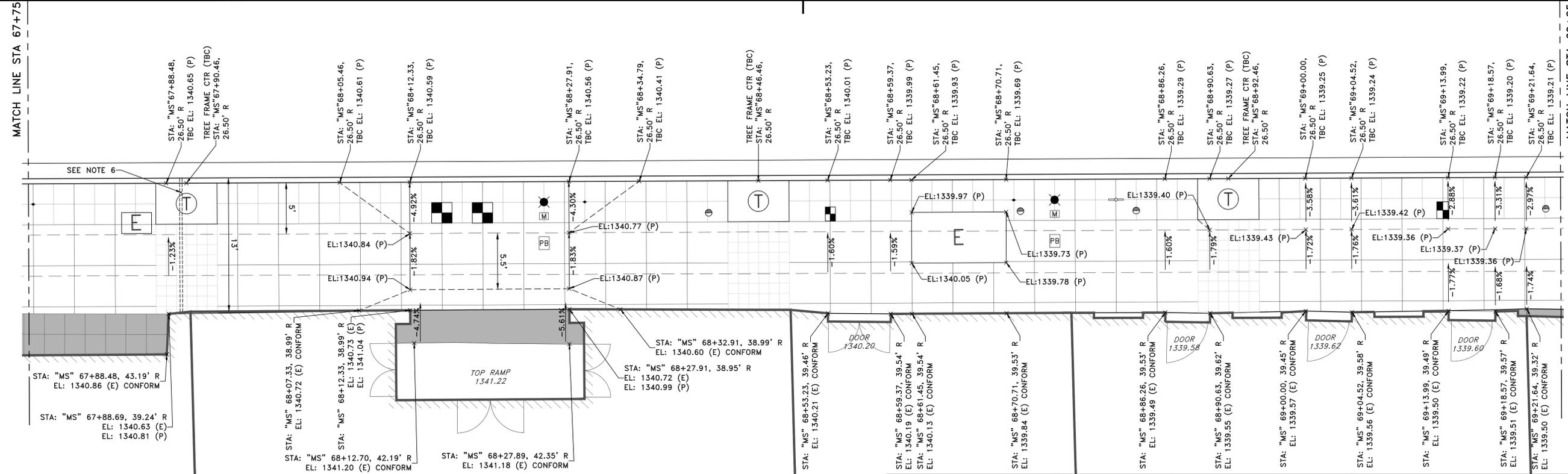
LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II
 N. MAIN STREET LAKEPORT, CA.

SCALE: 1"=5' APPROVED BY: DRAWN BY:RRH/MAW
 DATE: FEB 2016 REVIEWED BY: CAM

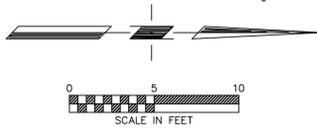
SIDEWALK LAYOUT & GRADING PLAN
 MAIN STREET STA: 66+22 TO 67+75
 CITY OF LAKEPORT DRAWING NUMBER
 CG-1 of 70 SHTS

BID SET

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SEE CG-7 FOR NOTES AND LEGEND



PROJECT ENGINEER: CATHY A. MCKEON
 LICENSE: NO. 51026 EXP: 9-30-17

VERIFY SCALE

BAR REPRESENTS THREE INCHES ON ORIGINAL

REGISTERED PROFESSIONAL ENGINEER
 CATHY A. MCKEON
 No. 51026
 EXP. 9-30-17
 CIVIL
 STATE OF CALIFORNIA
 FEB. 18, 2016

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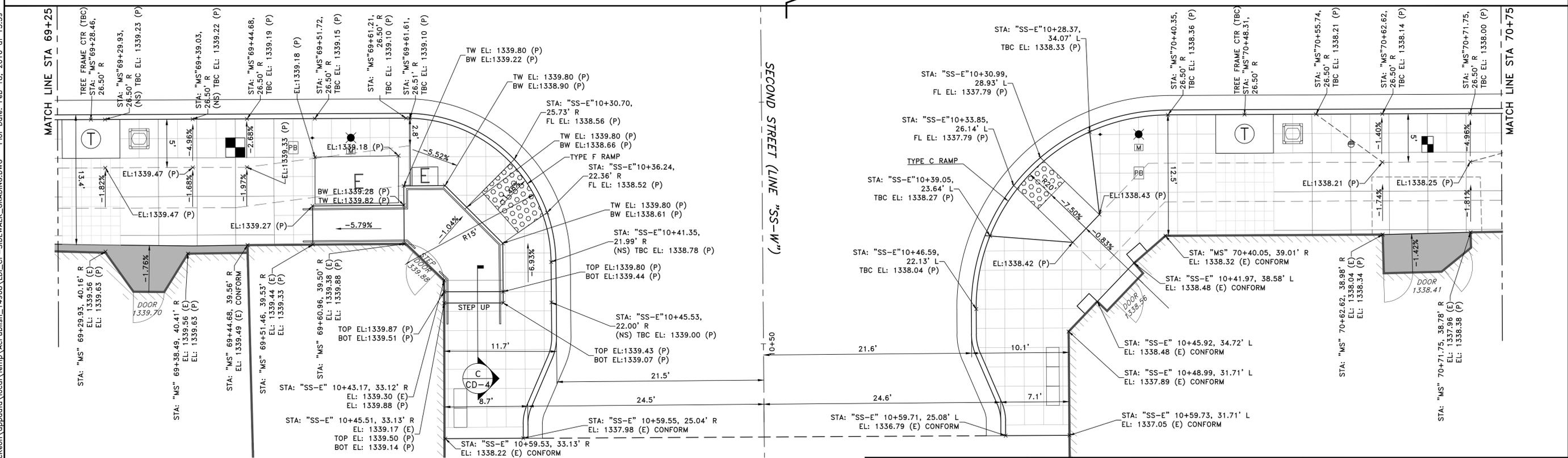
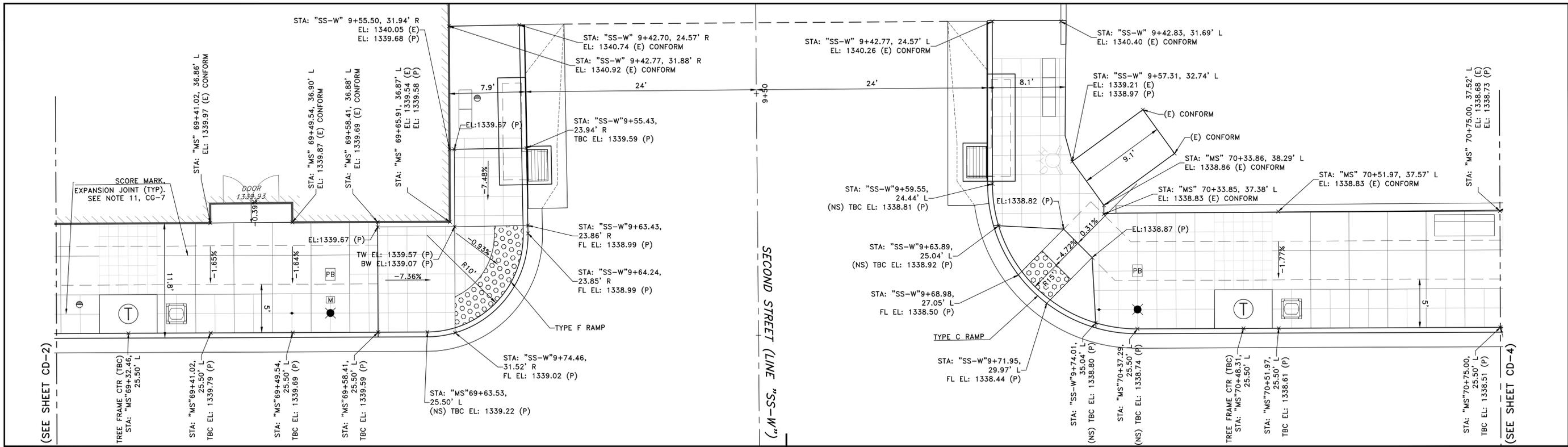
LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II
 N. MAIN STREET LAKEPORT, CA.

SCALE: 1"=5' APPROVED BY: DRAWN BY:RRH/MAW
 DATE: FEB 2016 REVIEWED BY: CAM

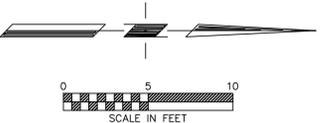
SIDEWALK LAYOUT & GRADING PLAN
 N. MAIN STREET STA: 67+75 TO 69+25
 CITY OF LAKEPORT DRAWING NUMBER
 CG-2 of 70 SHTS

BID SET

Xrefs: LD_LCX-TBLOCK.dwg; LD_LCX-EX_TOPO.dwg; LD_LCX-ROW_AFN.dwg; LD_LCX-BASE_NoBulbouts.dwg; Path: C:\Users\Cathy McKeon\appdata\local\Temp\AcPublish_14968\LD_LCX-SIDEWALK_GRADING.DWG; Plot Date: Feb 18, 2016 at 15:39



SEE CG-7 FOR NOTES AND LEGEND



PROJECT ENGINEER: CATHY A. MCKEON
 LICENSE: NO. 51026 EXP.: 9-30-17
VERIFY SCALE
 BAR REPRESENTS THREE INCHES ON ORIGINAL

REGISTERED PROFESSIONAL ENGINEER
 CATHY A. MCKEON
 No. 51026
 EXP. 9-30-17
 CIVIL
 STATE OF CALIFORNIA
 FEB. 18, 2016

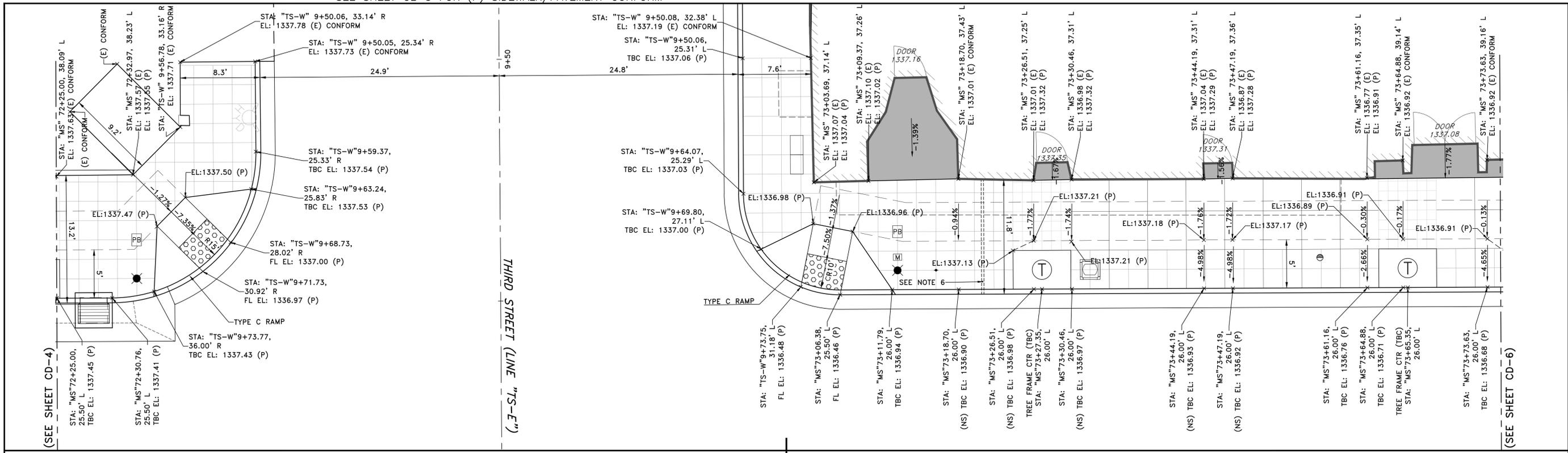
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LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II
 N. MAIN STREET LAKEPORT, CA.
 SCALE: 1"=5' APPROVED BY: DRAWN BY:RRH/MAW
 DATE: FEB 2016 REVIEWED BY: CAM
 SIDEWALK LAYOUT & GRADING PLAN
 N. MAIN STREET STA: 69+25 TO 70+75
 CITY OF LAKEPORT DRAWING NUMBER
 CG-3 of 70 SHTS

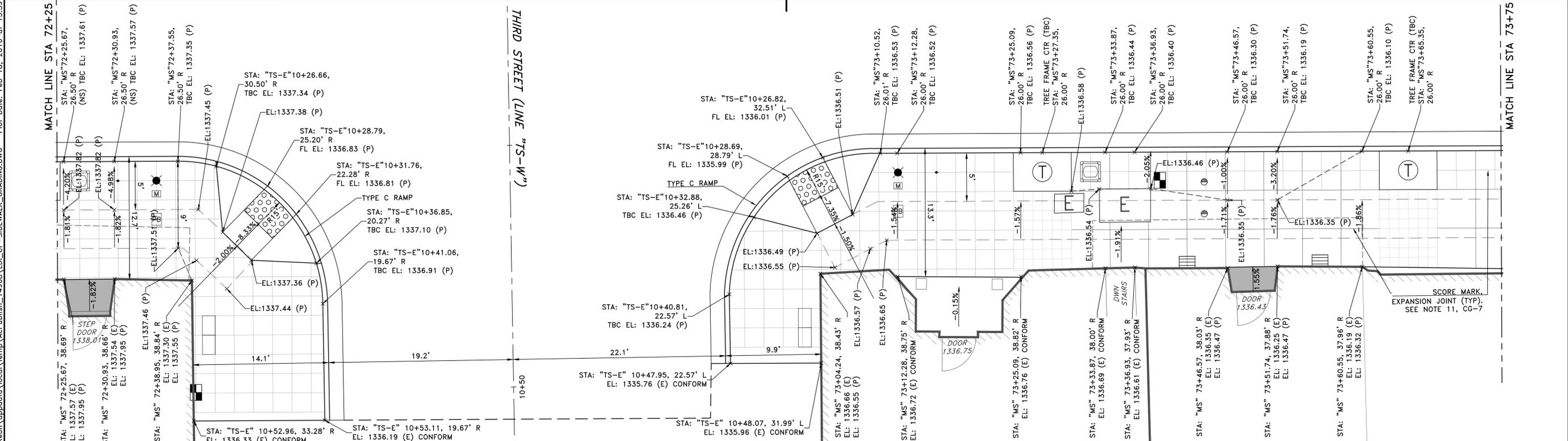
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SEE SHEET CL-3 FOR (P) SIDEWALK/PAVEMENT CONFORM

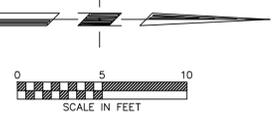


(SEE SHEET CD-4)

(SEE SHEET CD-6)

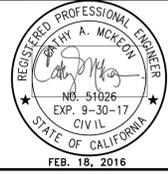


SEE CG-7 FOR NOTES AND LEGEND



PROJECT ENGINEER: CATHY A. MCKEON
 LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
 0 1/2 1 2 3
 BAR REPRESENTS THREE INCHES ON ORIGINAL



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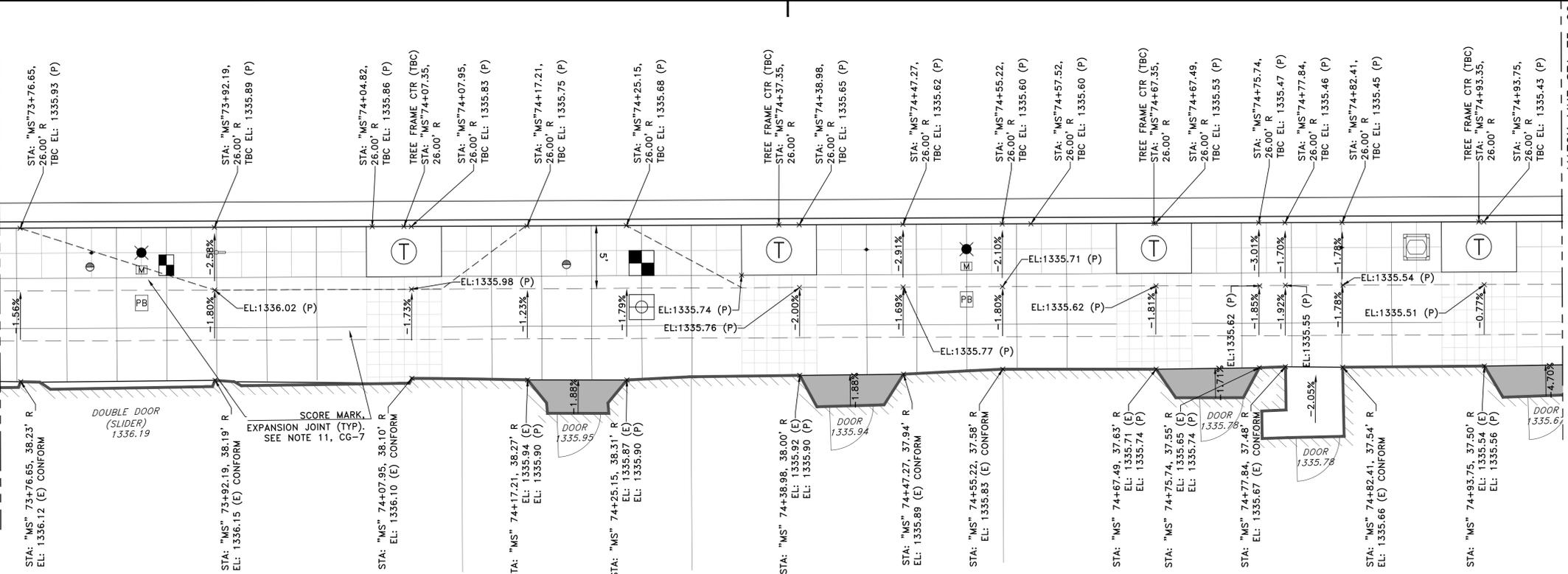
LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II
 N. MAIN STREET LAKEPORT, CA.

SCALE: 1"=5' APPROVED BY: DRAWN BY:RRH/MAW
 DATE: FEB 2016 REVIEWED BY: CAM

SIDEWALK LAYOUT & GRADING PLAN
 N. MAIN STREET STA: 72+25 TO 73+75
 CITY OF LAKEPORT DRAWING NUMBER
 CG-5 of 70 SHTS

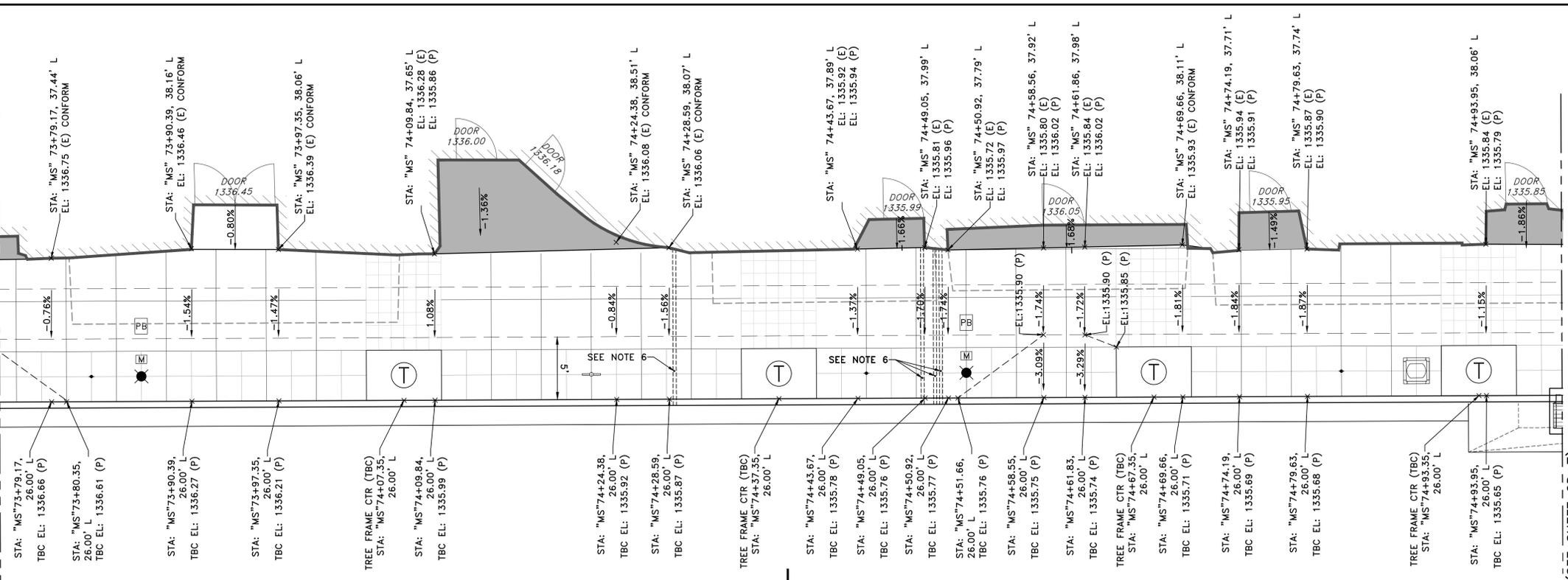
BID SET

MATCH LINE STA 73+75



MATCH LINE STA 75+00

(SEE SHEET CD-5)



(SEE SHEET CD-7)

SEE CG-7 FOR NOTES AND LEGEND

PROJECT ENGINEER: CATHY A. MCKEON
 LICENSE: NO. 51026 EXP.: 9-30-17
VERIFY SCALE
 BAR REPRESENTS THREE INCHES ON ORIGINAL

REGISTERED PROFESSIONAL ENGINEER
 CATHY A. MCKEON
 No. 51026
 EXP. 9-30-17
 CIVIL
 STATE OF CALIFORNIA
 FEB. 18, 2016

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 Ukiah, CA 95482

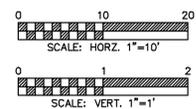
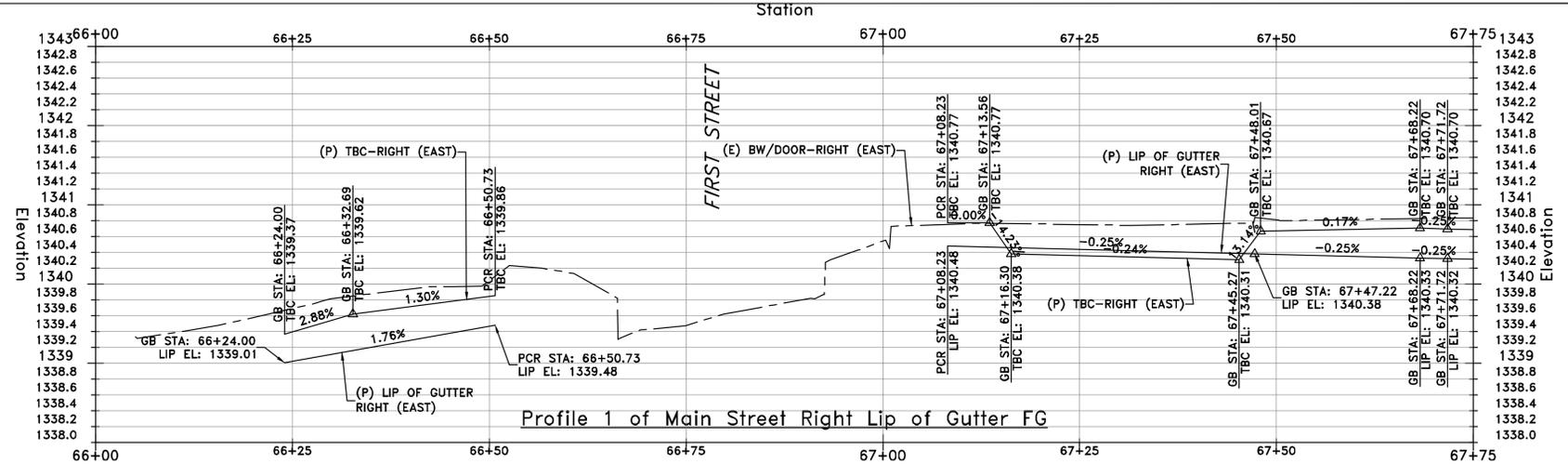
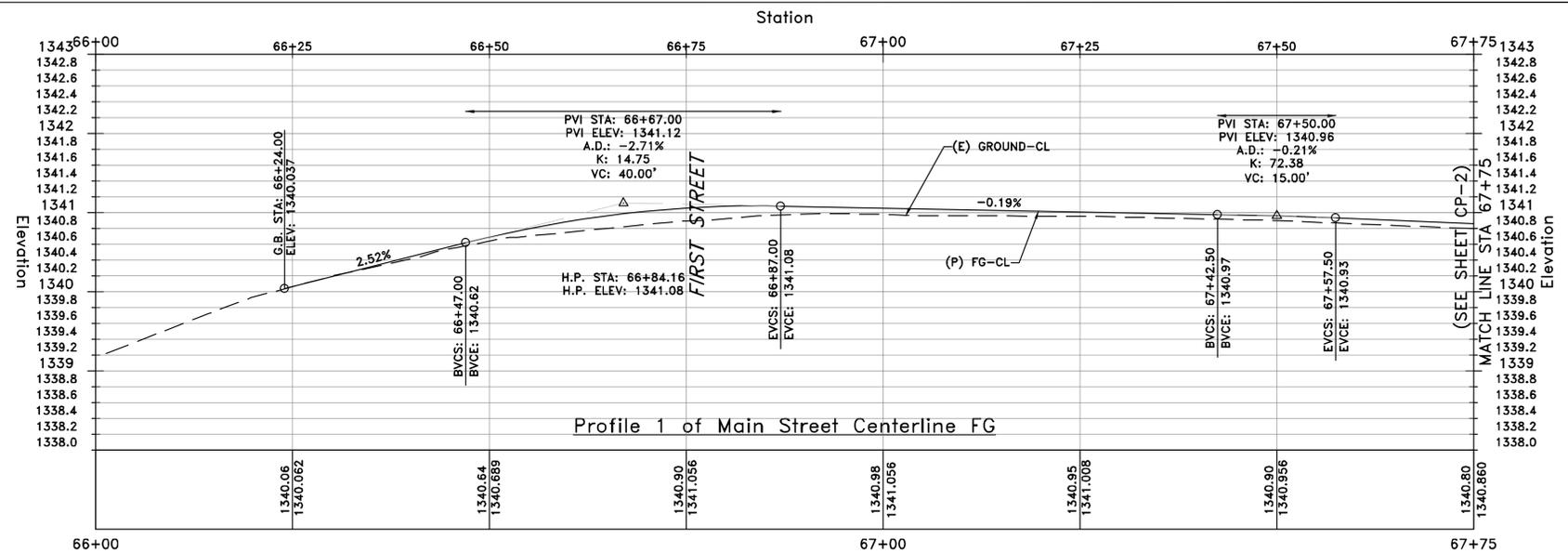
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LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II
 N. MAIN STREET LAKEPORT, CA.

SCALE: 1"=5' APPROVED BY: [Signature]
 DATE: FEB 2016 REVIEWED BY: CAM

SIDEWALK LAYOUT & GRADING PLAN
 N. MAIN STREET STA: 73+75 TO 75+00
 CITY OF LAKEPORT DRAWING NUMBER CG-6 of 70 SHTS

Xrefs: LD_CX-TBLOCK_PRO.dwg; LD_CX-BASE_NoBubouts.dwg; LD_CX-ROW_APN.dwg; LD_CX-EX_TOPO.dwg
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PROJECT ENGINEER: CATHY A. MCKEON
 LICENSE: NO. 51026 EXP.: 9-30-17
VERIFY SCALE
 BAR REPRESENTS THREE INCHES ON ORIGINAL



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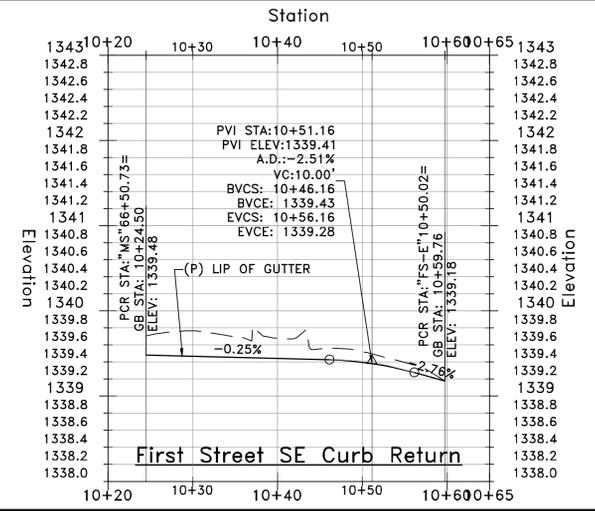
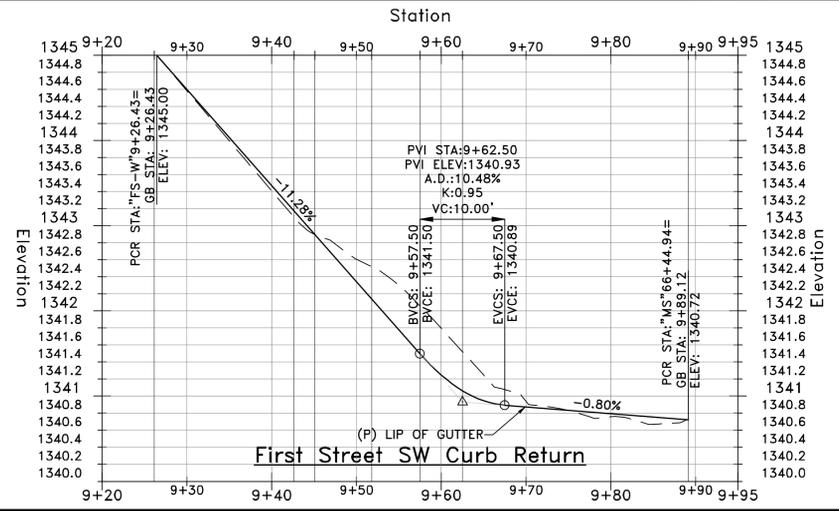
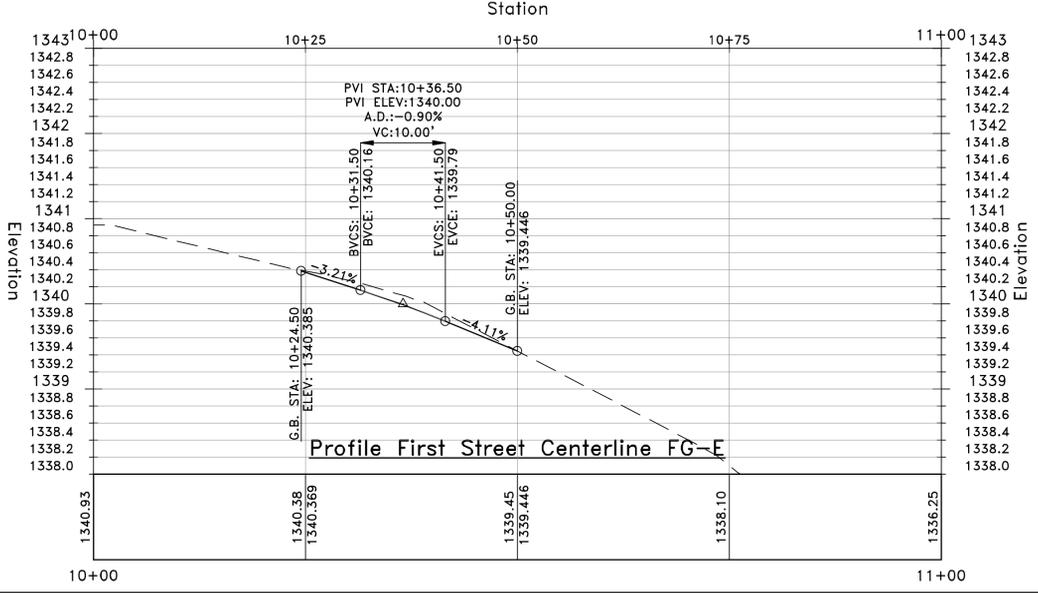
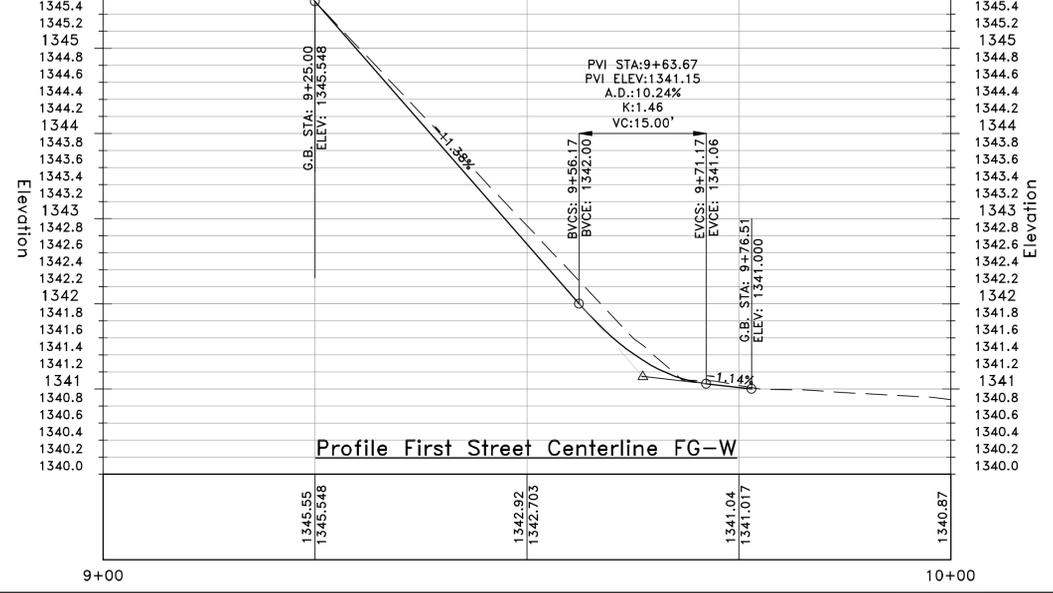
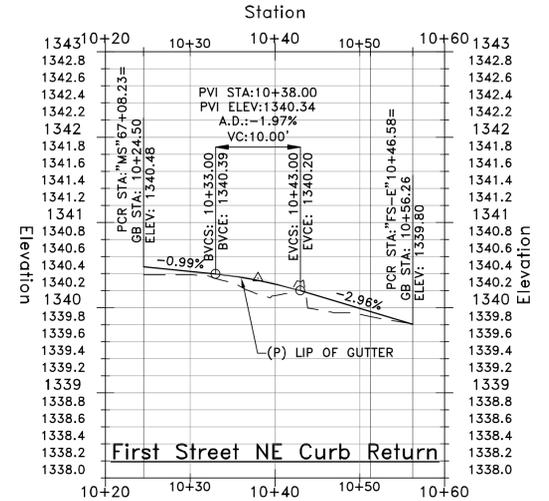
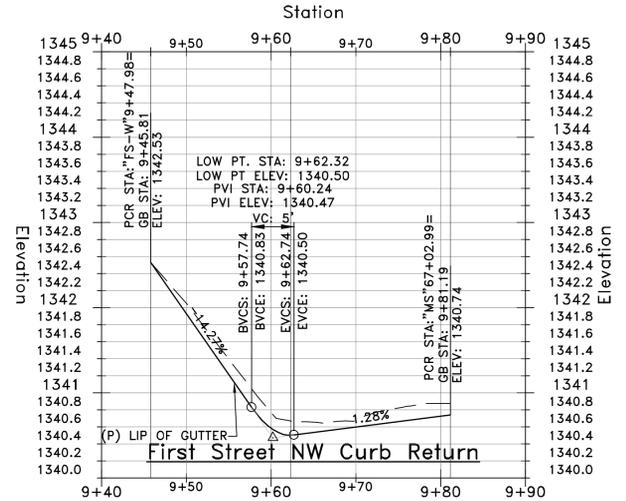
LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II
 S. MAIN STREET LAKEPORT, CA.

SCALE: AS NOTED APPROVED BY: DRAWN BY: RRH/MAW
 DATE: FEB 2016 REVIEWED BY: CAM

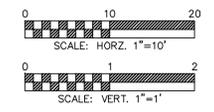
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 LAKEPORT REDEVELOPMENT AGENCY DRAWING NUMBER
 CP-1 of 70 SHTS

BID SET

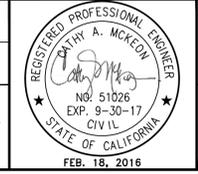
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NOTE:
PROFILE REFERENCE IS LIP OF GUTTER



PROJECT ENGINEER: CATHY A. McKEON
 LICENSE: NO. 51026 EXP.: 9-30-17
VERIFY SCALE
 BAR REPRESENTS THREE INCHES ON ORIGINAL



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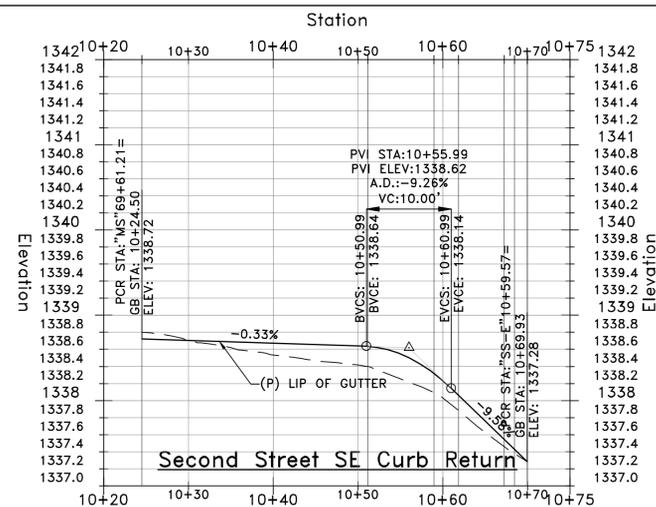
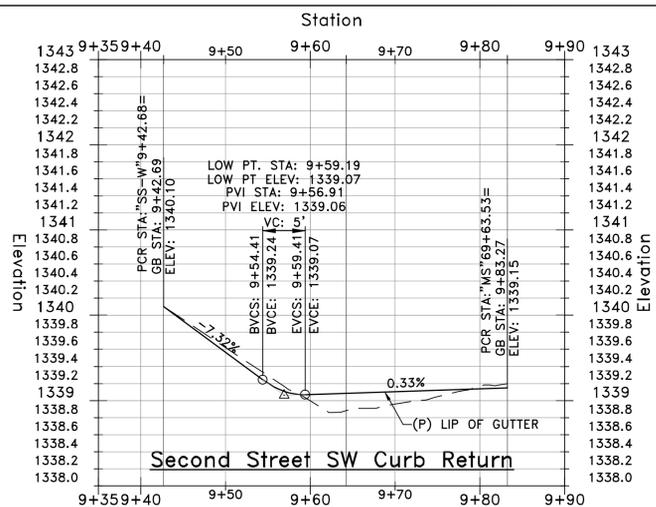
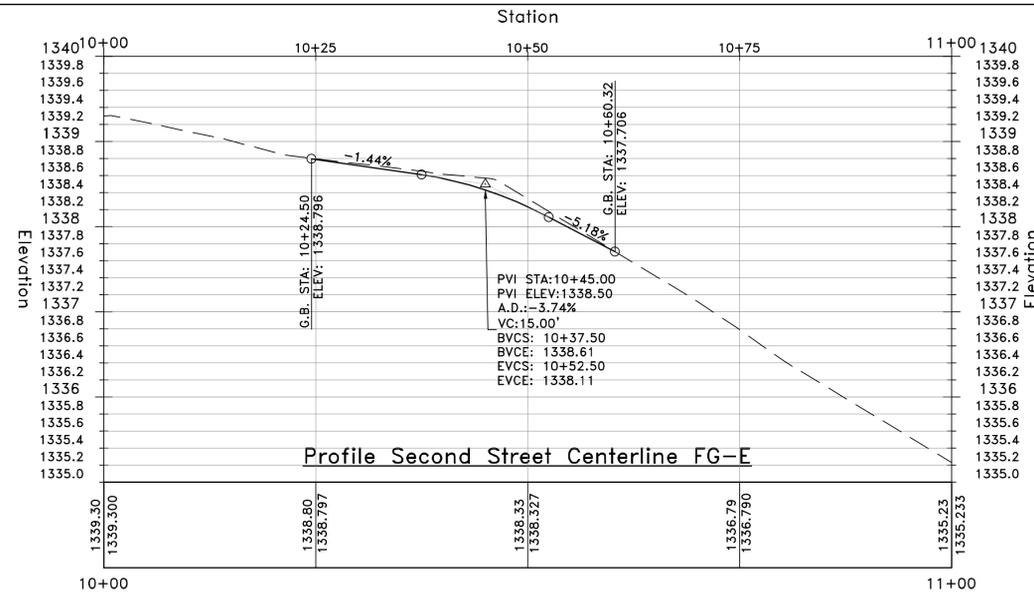
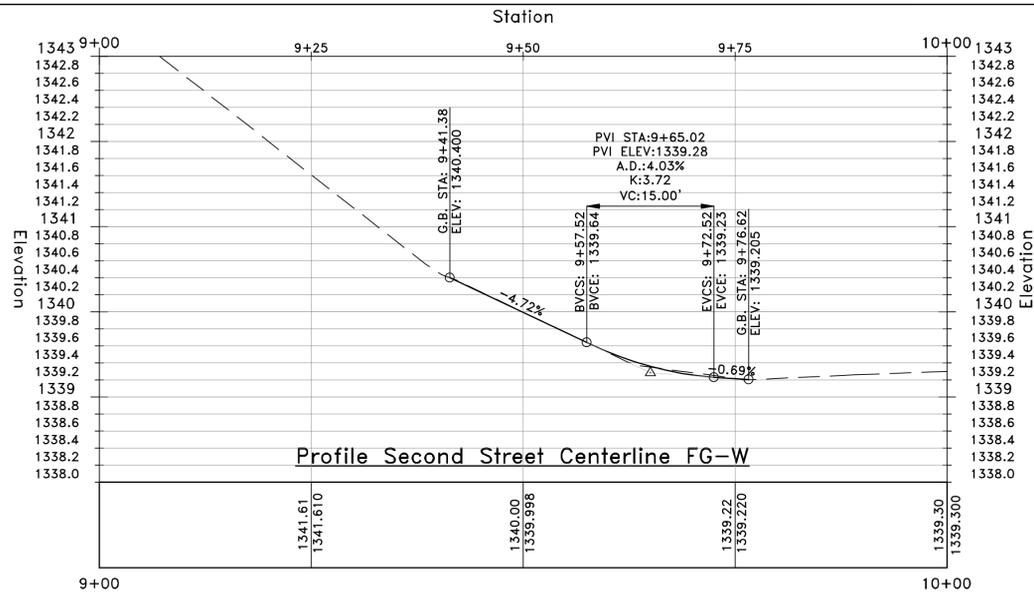
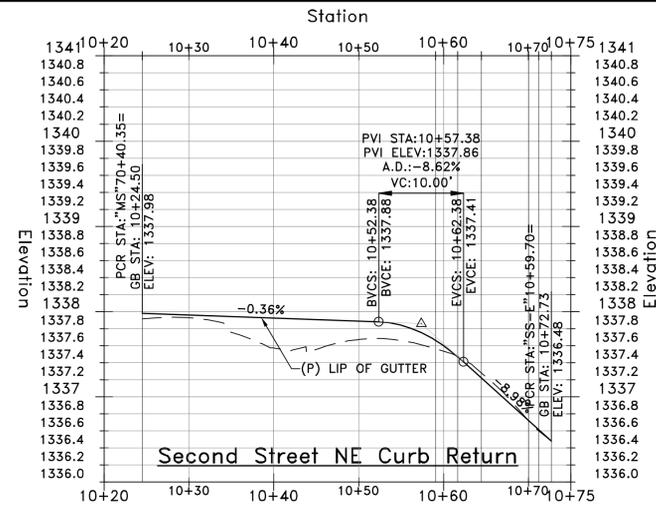
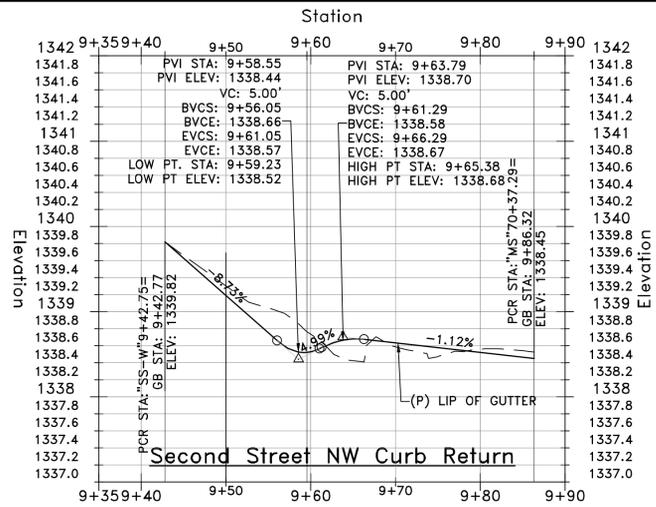
LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II
 FIRST STREET LAKEPORT, CA.

SCALE: AS NOTED	APPROVED BY:	DRAWN BY: RRR/MAW
DATE: FEB 2016		REVIEWED BY: CAM

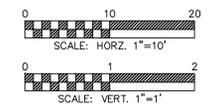
CONSTRUCTION PROFILE
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 LAKEPORT REDEVELOPMENT AGENCY DRAWING NUMBER CP-5 of 70 SHTS

BID SET

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NOTE: PROFILE REFERENCE IS LIP OF GUTTER



PROJECT ENGINEER: CATHY A. McKEON
 LICENSE: NO. 51026 EXP.: 9-30-17
VERIFY SCALE
 BAR REPRESENTS THREE INCHES ON ORIGINAL



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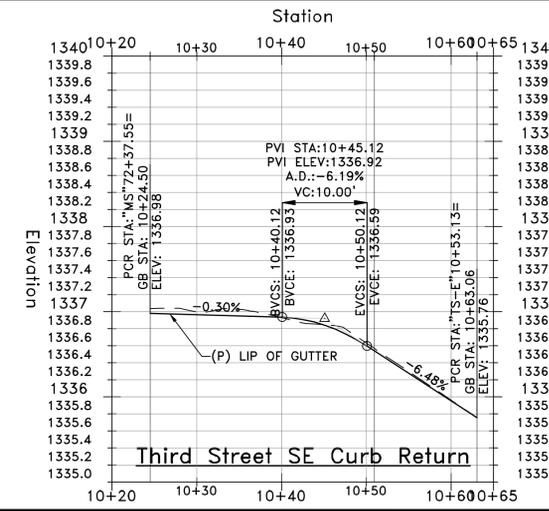
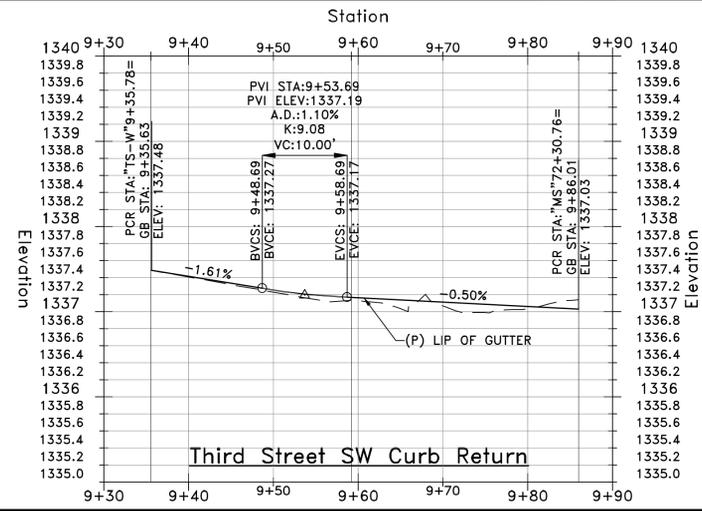
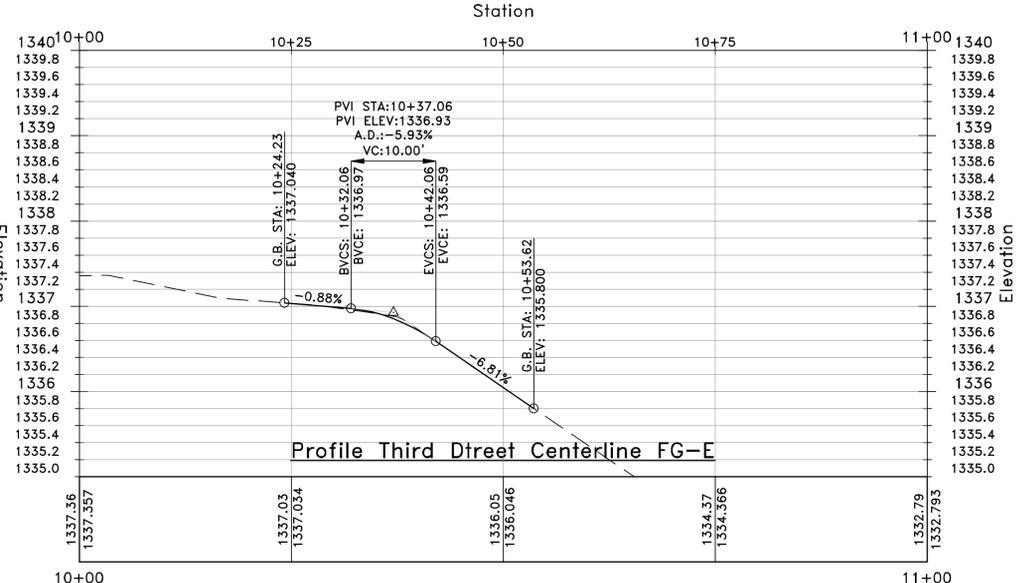
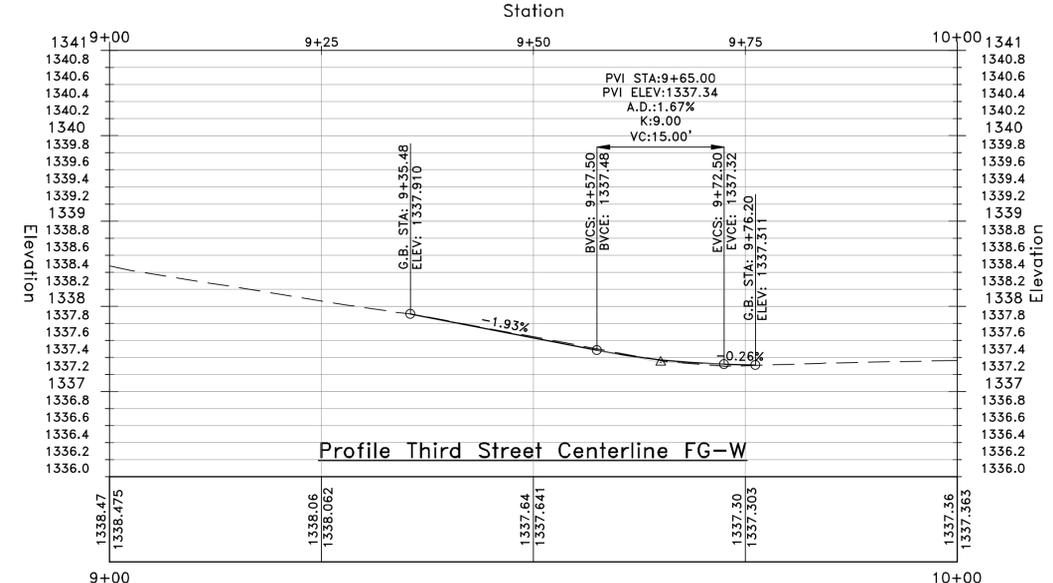
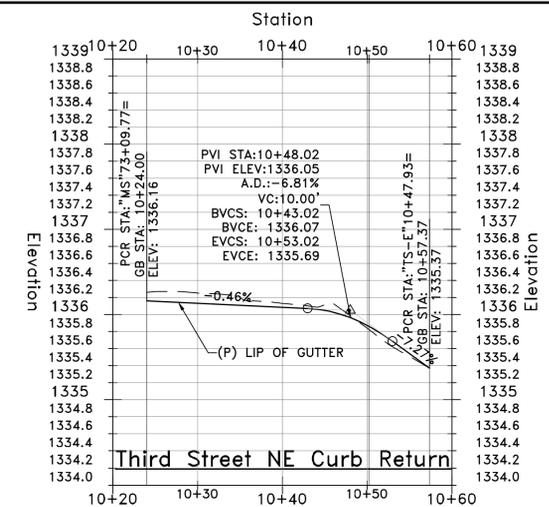
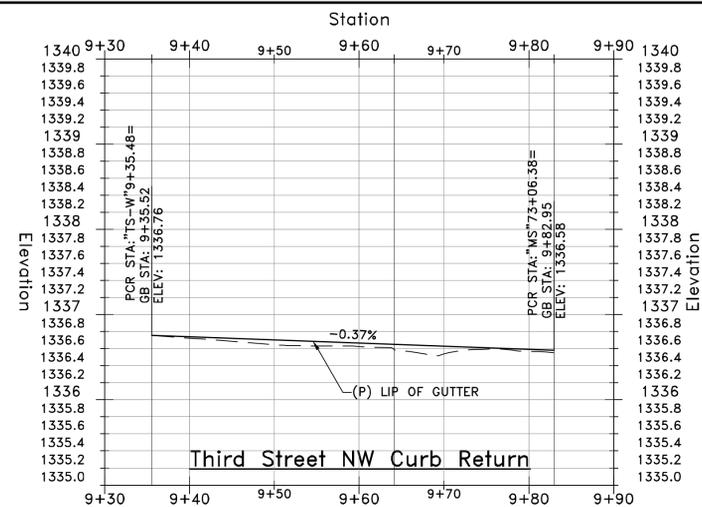
LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II
 SECOND STREET LAKEPORT, CA.

SCALE: AS NOTED	APPROVED BY:	DRAWN BY: RRH/MAW
DATE: FEB 2016		REVIEWED BY: CAM

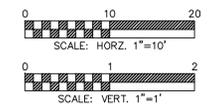
CONSTRUCTION PROFILE
 STA: "SS" 9+00 TO STA: 11+75
 LAKEPORT REDEVELOPMENT AGENCY DRAWING NUMBER CP-6 of 70 SHTS

BID SET

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NOTE:
PROFILE REFERENCE IS LIP OF GUTTER



PROJECT ENGINEER: CATHY A. McKEON
 LICENSE: NO. 51026 EXP.: 9-30-17
VERIFY SCALE
 BAR REPRESENTS THREE INCHES ON ORIGINAL

REGISTERED PROFESSIONAL ENGINEER
 CATHY A. McKEON
 No. 51026
 EXP. 9-30-17
 CIVIL
 STATE OF CALIFORNIA
 FEB. 18, 2016

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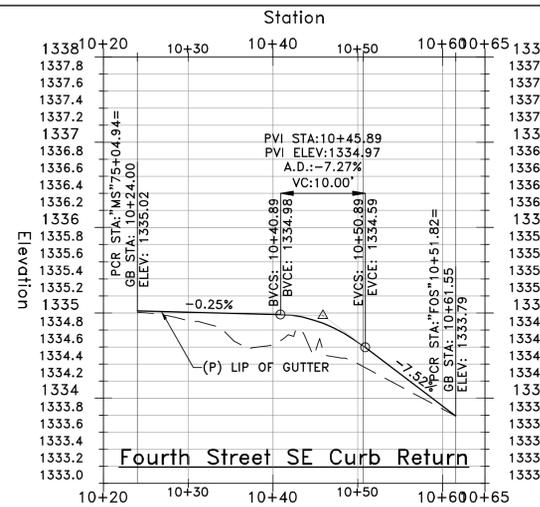
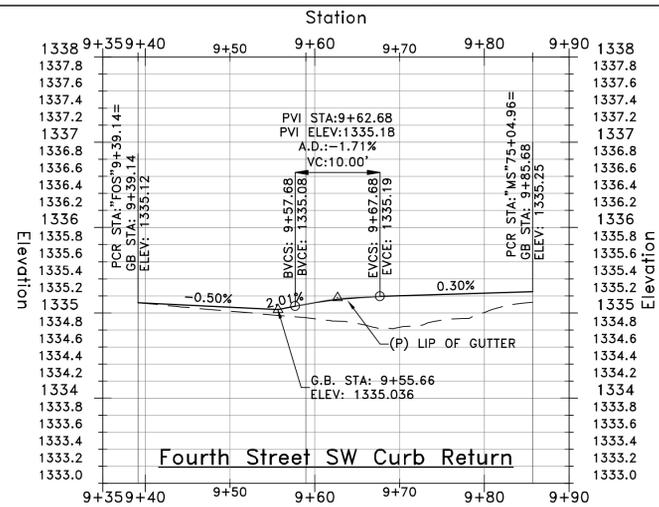
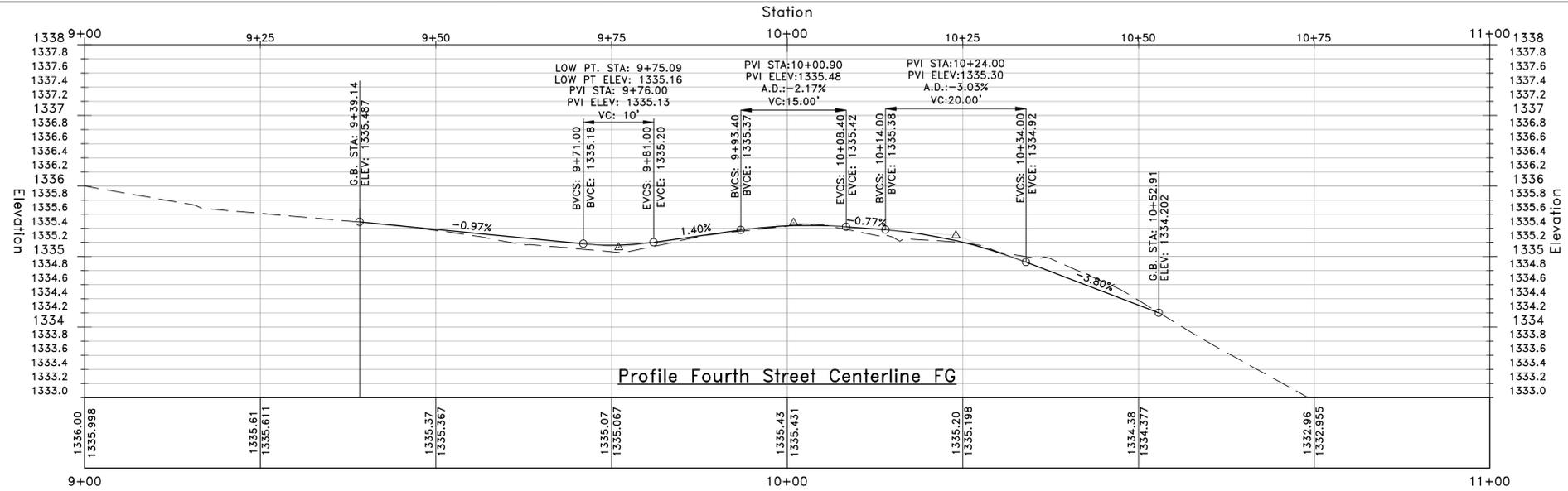
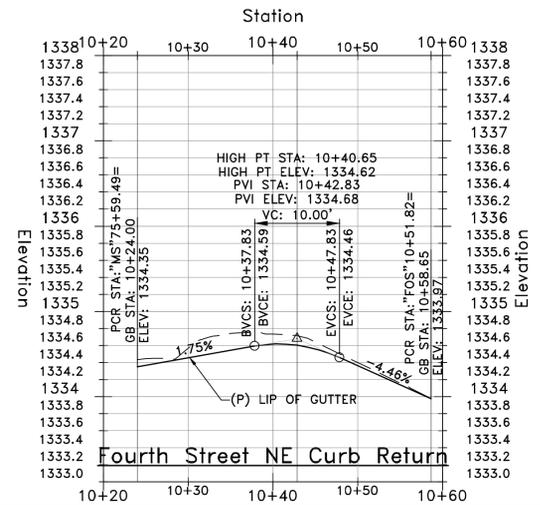
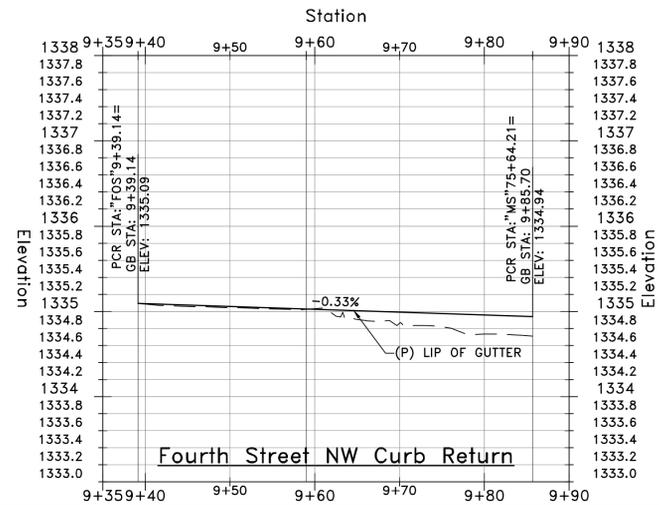
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LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II
 THIRD STREET LAKEPORT, CA.
 SCALE: AS NOTED APPROVED BY: [Signature]
 DATE: FEB 2016 DRAWN BY: RRH/MAW REVIEWED BY: CAM

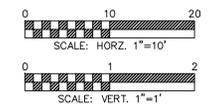
CONSTRUCTION PROFILE
 STA: "TS" 9+00 TO STA: 11+75
 LAKEPORT REDEVELOPMENT AGENCY DRAWING NUMBER
 CP-7 of 70 SHTS

BID SET

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NOTE:
PROFILE REFERENCE IS LIP OF GUTTER



PROJECT ENGINEER: CATHY A. MCKEON
 LICENSE: NO. 51026 EXP.: 9-30-17
VERIFY SCALE
 BAR REPRESENTS THREE INCHES ON ORIGINAL



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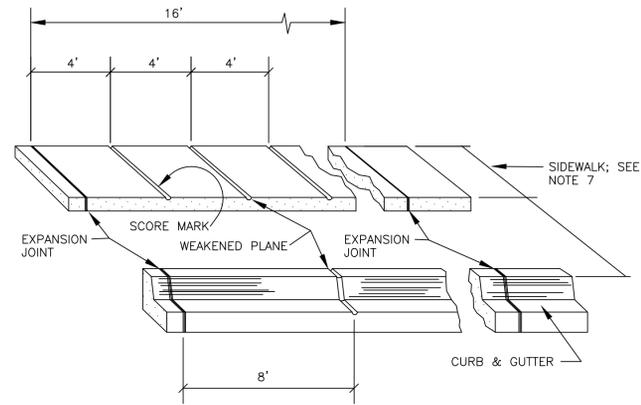
LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
 FOURTH STREET LAKEPORT, CA.

SCALE: AS NOTED APPROVED BY: _____ DRAWN BY: RRH/MAW
 DATE: FEB 2016 REVIEWED BY: CAM

CONSTRUCTION PROFILE
 STA: "FOS" 9+00 TO STA: 11+00
 DRAWING NUMBER
 LAKEPORT REDEVELOPMENT AGENCY CP-8 of 70 SHTS

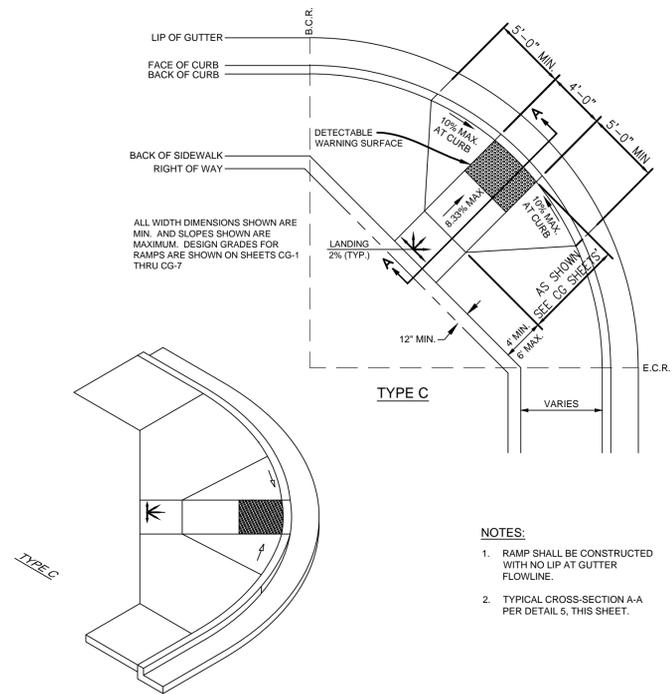
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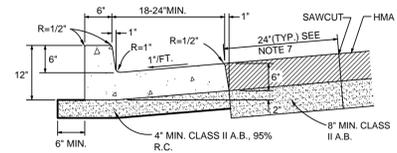
- NOTES**
- WEAKENED PLANE: 1/8" WIDE X 1" DEEP IN SIDEWALK, 1/8" WIDE X 1-1/2" DEEP IN CURB & GUTTER (8' O.C.).
 - EXPANSION JOINTS: EXPANSION JOINTS SHALL BE EVERY 16' ALONG LENGTH OF SIDEWALK, TYPICAL. MATERIAL TO BE 1/2" THICK PREMOLDED JOINT FILLER, FULL THICKNESS OF CONCRETE. APPROVED MECHANICAL JOINTS MAY BE USED IN WALKS IN LIEU OF EXPANSION JOINTS. EXPANSION JOINTS SHALL BE PLACED IN THE SIDEWALK AT THE SAME LOCATION AS THOSE IN THE CURB & GUTTER, WHEN THE SIDEWALK IS ADJACENT TO THE CURB & GUTTER, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. DISTANCE BETWEEN JOINTS 60'. EXPANSION JOINTS SHALL BE INSTALLED IN THE CURB & GUTTER AT ALL CURB RETURNS, AND ALSO AT ALL DRIVEWAYS.
 - SCORE MARKS: IN SIDEWALK, 2'-4" O.C. SCORE MARKS SHALL BE TOOLED AS SHOWN ON DETAIL 1 SHEET CD-2.
 - CLASS "B" CONCRETE SHALL BE USED.
 - RELATIVE COMPACTION FOR AGGREGATE BASE MATERIAL 90%.
 - WEAKENED PLANE SHALL BE MADE AT BOTH SIDES OF VAULTS AND CATCH BASINS FROM BACK OF CURB TO BACK OF SIDEWALK.
 - WIDTH OF WALK VARIES FROM 6.2' TO 12.7'. SEE SHEET CG-1 THRU CG-7 FOR LAYOUT, GRADING AND SCORING DETAILS.

1 SIDEWALK SCORE MARK DETAIL
N.T.S.

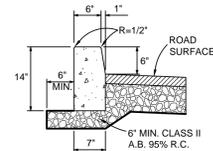


- NOTES**
- RAMP SHALL BE CONSTRUCTED WITH NO LIP AT GUTTER FLOWLINE.
 - TYPICAL CROSS-SECTION A-A PER DETAIL 5, THIS SHEET.

2 PEDESTRIAN RAMP TYPE C
N.T.S.

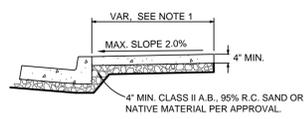


STANDARD CURB AND GUTTER



STANDARD VERTICAL CURB

TYPE B MEDIAN CURB

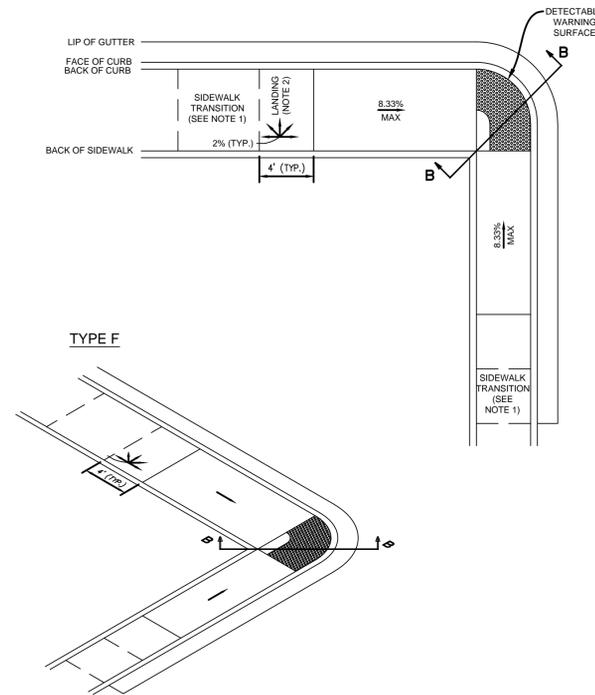


STANDARD SIDEWALK
NOT TO SCALE

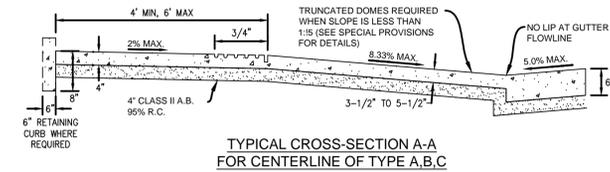
NOTES

- CONCRETE SHALL CONTAIN NOT LESS THAN 6 SACKS OF CEMENT PER CUBIC YARD.
- DEEP SCORES (1/4 WAY THROUGH THICKNESS OF CONCRETE) EVERY 12 FEET.
- SIDEWALKS SHALL BE SCORED INTO 5 FOOT SQUARES UNLESS OTHERWISE SPECIFIED BY ENGINEER.
- IF EXTRUSION MACHINE IS USED, EXPANSION JOINTS SHALL BE DEEP SCORED 1/3 THE THICKNESS.
- WEIGHT OF CURB AND/OR SIDEWALK AND CLASS 2 AGGREGATE SHALL EXCEED THE EXPANSION PRESSURE OF THE BASEMENT SOIL R' VALUE.
- DESIGN SHALL CONFORM TO THESE REQUIREMENTS EXCEPT AS OTHERWISE APPROVED BY THE CITY ENGINEER.
- WHERE APPLICABLE, NEATLY CUT AND REMOVE PAVEMENT. REPLACE WITH NEW HMA AFTER CURB AND GUTTER IMPROVEMENTS ARE COMPLETE.
- SIDEWALK WIDTH VARIES. SEE SHEETS CG-1 THRU CG-7.

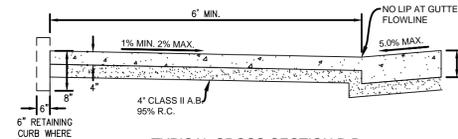
3 CURB, GUTTER AND SIDEWALK DETAILS
N.T.S.



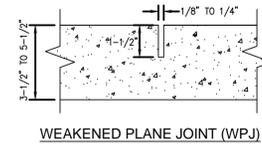
4 PEDESTRIAN RAMP TYPE F
N.T.S.



TYPICAL CROSS-SECTION A-A FOR CENTERLINE OF TYPE A,B,C



TYPICAL CROSS-SECTION B-B FOR CENTERLINE OF TYPE F



WEAKENED PLANE JOINT (WPJ)

NOTES

- ON RAMP ADJACENT TO PANS TRUNCATED DOMES ARE REQUIRED WHEN SLOPE IS LESS THAN 1:15 (SEE STANDARD SPECIFICATIONS FOR DETAILS).
- SURFACE OF RAMPS AND PANS SHALL HAVE A TRANSVERSE BROOM SURFACE TEXTURE ROUGHER THAN ADJACENT SIDEWALK.

5 PEDESTRIAN RAMP GENERAL DETAILS
N.T.S.

PEDESTRIAN RAMP NOTES

- SIDEWALK TRANSITIONS**
 - LOCATED ABOVE RAMP OR LANDING
 - 48" MIN. WIDTH
 - 2% (1:50) MAXIMUM CROSS-SLOPE AT RAMP OR LANDING
 - 8.33% (1:12) MAXIMUM SLOPE
- LANDINGS**
 - LOCATED ABOVE RAMP
 - 48" MIN. DIMENSION IN ALL DIRECTIONS
 - 2% (1:50) MAXIMUM CROSS-SLOPE OR SLOPE IN ALL DIRECTIONS, INCLUDING DIAGONAL
- RAMPS**
 - LOCATED ABOVE PAN OR BELOW LANDINGS
 - 48" MIN. WIDTH
 - 2% (1:50) MAXIMUM CROSS-SLOPE
 - 8.33% (1:12) MAXIMUM SLOPE
 - TRANSITION TO GUTTER SHALL BE FLUSH AND FREE OF ABRUPT CHANGES
- PANS**
 - LOCATED BELOW RAMP
 - 48" MIN. AT BACK OF PAN
 - 48" MIN. FROM BACK OF PAN TO FLOW LINE
 - 1% (1:100) MINIMUM SLOPE FROM BACK OF PAN TO FLOW LINE
 - 2% (1:50) MAXIMUM CROSS-SLOPE OR SLOPE IN ALL DIRECTIONS, INCLUDING DIAGONAL
 - ON CORNERS, PAN BOUNDARIES ARE TO BE RADIAL TRANSITION TO GUTTER SHALL BE FLUSH AND FREE OF ABRUPT CHANGES
- GUTTERS**
 - ADJACENT TO RAMP OR PAN
 - 1% (1:100) MINIMUM SLOPE FROM BACK OF PAN TO FLOW LINE
 - 2% (1:50) MAXIMUM CROSS-SLOPE OR SLOPE IN ALL DIRECTIONS, INCLUDING DIAGONAL
 - ON CORNERS, PAN BOUNDARIES ARE TO BE RADIAL TRANSITION TO GUTTER SHALL BE FLUSH AND FREE OF ABRUPT CHANGES

- ALL ELEMENTS, EXCEPT GUTTERS AND RETAINING CURBS, MUST BE CONSTRUCTED PLANAR IN NATURE WITH WEAKENED PLANE JOINTS SCORED BETWEEN EACH ELEMENT.
- WHEN FEASIBLE, OPPOSING CURB RAMPS SHALL ALIGN, THESE DEFINITIONS AND STANDARDS, GENERAL DETAILS, AND STANDARD DRAWINGS SHALL APPLY TO ALL CURB AND GUTTER TYPES.
- THERE ARE VARIATIONS AND ADJUSTMENTS THAT MAY BE REQUIRED UPON THE APPROVAL OF THE ENGINEER.
- THERE ARE NO VARIANCES FOR THE MAXIMUM ALLOWABLE SLOPES AND CROSS-SLOPES.
- FLARES**
 - LOCATED ADJACENT TO RAMP
 - REQUIRED BETWEEN RAMPS WHERE THERE IS NO PLANTER AREA
 - REQUIRED ON THE EXTERIOR OF RAMPS WHERE THERE IS AN ADJACENT CONCRETE SIDEWALK, REGARDLESS OF OBSTACLES
 - GENERALLY TRIANGULAR-SHAPED
 - 10% (1:10) MAXIMUM SLOPE
- RETAINING CURB**
 - REQUIRED ADJACENT TO SIDEWALK TRANSITIONS, LANDINGS, RAMPS, AND PANS WHERE THE EXISTING LANDSCAPE (PLANTER) AREA IS 4' OR HIGHER AT ANY POINT ABOVE THE NEWLY CONSTRUCTED CURB RAMP ELEMENT
 - REQUIRED FOR EXISTING PLANTER AREAS BETWEEN RAMPS
 - RETAINING CURBS ARE TO HAVE A 6" WIDTH AND A VERTICAL FACE
 - RETAINING CURB FOUNDATIONS ARE TO EXTEND 8" BELOW THE ADJACENT RAMP ELEMENT SURFACE
 - OUTSIDE CORNERS OF RETAINING CURBS MUST HAVE A 6" RADIUS
- DETECTABLE WARNING SURFACE**
 - DETECTABLE WARNING SURFACE SHALL CONFORM TO CALTRANS STANDARD PLAN RSP A88A OR NEWEST VERSION.

PROJECT ENGINEER: CATHY A. MCKEON
LICENSE: NO. 51026 EXP.: 9-30-17
VERIFY SCALE
0 1/2 1 2 3
BAR REPRESENTS THREE INCHES ON ORIGINAL

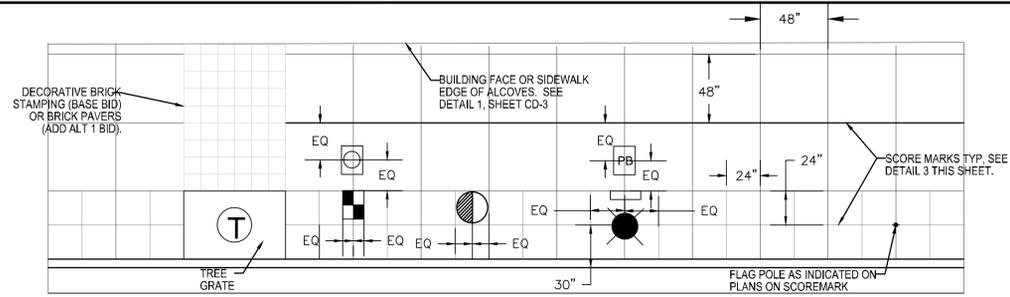
REGISTERED PROFESSIONAL ENGINEER
CATHY A. MCKEON
NO. 51026
EXP. 9-30-17
CIVIL
STATE OF CALIFORNIA
FEB. 18, 2016

Crawford & Associates, Inc.
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CIVIL ENGINEERS · LAND SURVEYORS
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LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II
N. MAIN STREET LAKEPORT, CA.
SCALE: AS NOTED APPROVED BY: DRAWN BY: MAW
DATE: FEB 2016 REVIEWED BY: CAM
SIDEWALK DETAILS
CITY OF LAKEPORT DRAWING NUMBER CD-1 OF 70

BID SET

Xrefs: LD_LCX-TBLOCK.dwg Path: S:\AutoCAD Civil 3D\Projects\15-219.X-City of Lakeport DT Improvements\Drawings\Crowford\LD_CP-DETAILS_SWALK.dwg Plot Date: Feb 18, 2016 at 12:31



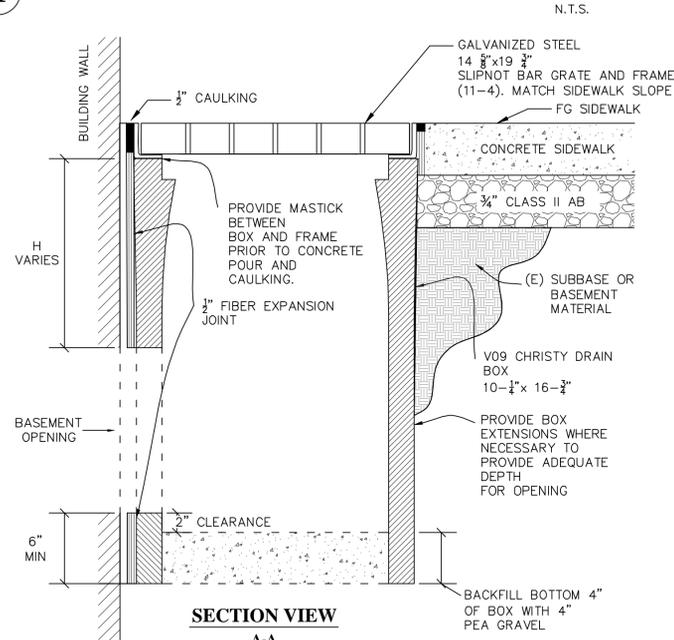
LEGEND

- | | |
|------------------------------------|-------------------------|
| ELECTRICAL PULL BOX (STREETLIGHTS) | WATER METER |
| PLAQUE | PRESSURE REDUCING VALVE |
| STREET LIGHT | FLAGPOLE |

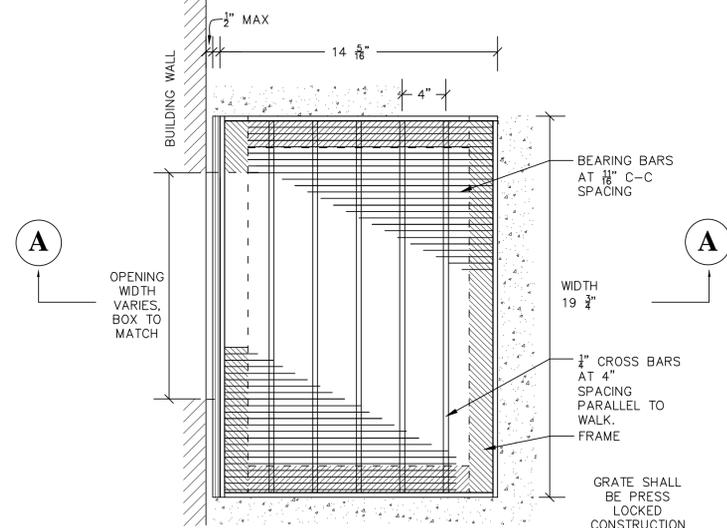
UTILITY LAYOUT NOTES:

1. UNDERGROUND UTILITY LINES NOT SHOWN. SEE SHEETS U-1 TO U-4.
2. THIS LAYOUT IS TYPICAL AND MAY NEED TO BE MODIFIED TO FIT FIELD CONDITIONS.
3. CONTRACTOR TO FIELD LOCATE CENTER OF BOXES AND RECEIVE APPROVAL PRIOR TO INSTALLING LATERALS.
4. ELECTRICAL PULL BOXES TO BE RAISED ONLY BY OTHERS.

1 SIDEWALK SCORING AND BOX LAYOUT

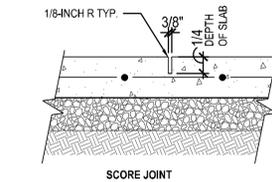
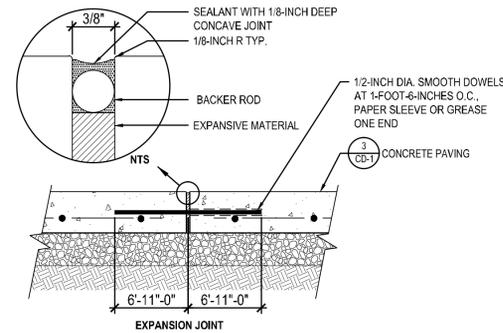


SECTION VIEW A-A

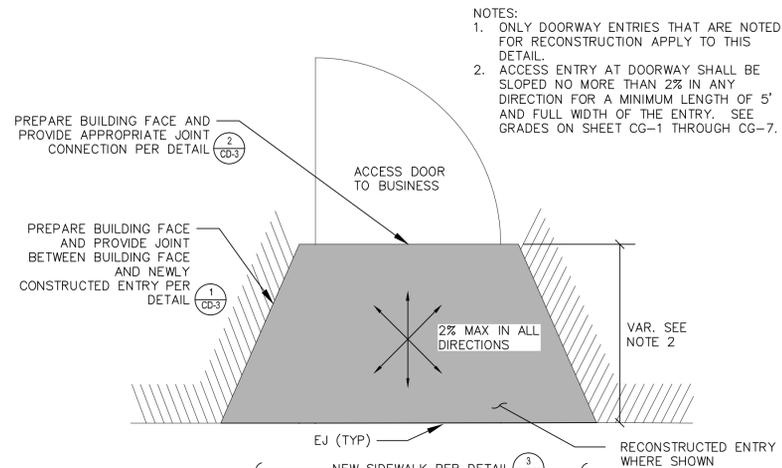


PLAN VIEW VENT BOX

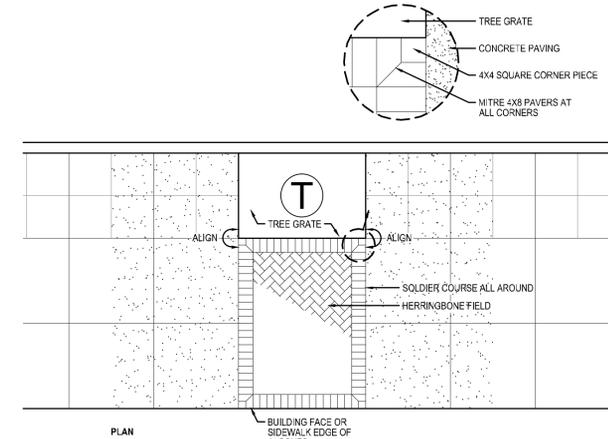
2



3 SCORING AND EXPANSION JOINT DETAIL



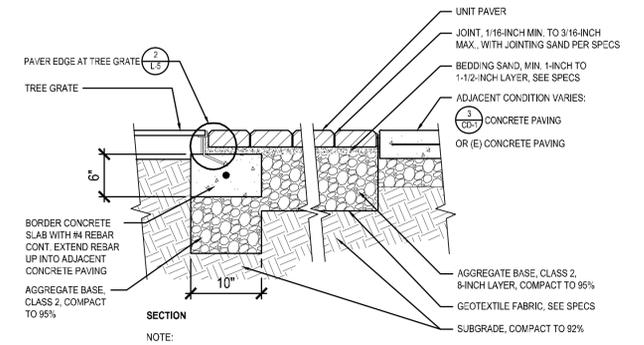
4 DOOR ENTRY PAVING DETAIL



NOTES

1. THIS DETAIL IS ONLY APPLICABLE FOR ALT 1 BID OPTIONS.
2. BRICK PAVERS DO NOT EXTEND INTO DOORWAY ALCOVES.

5 BID ALT 1: BRICK PAVER LAYOUT DETAIL



SECTION

1. THIS DETAIL IS ONLY APPLICABLE FOR ADD ALT 1 BID OPTIONS.
2. SET TOP OF PAVERS 1/8-INCH ABOVE TOP OF ADJACENT CONCRETE AFTER VIBRATION.

6 BID ALT 1: BRICK PAVER SECTION DETAIL

PROJECT ENGINEER: CATHY A. McKEON
 LICENSE: NO. 51026 EXP.: 9-30-17
VERIFY SCALE
 0 1/2 1 2 3
 BAR REPRESENTS THREE INCHES ON ORIGINAL

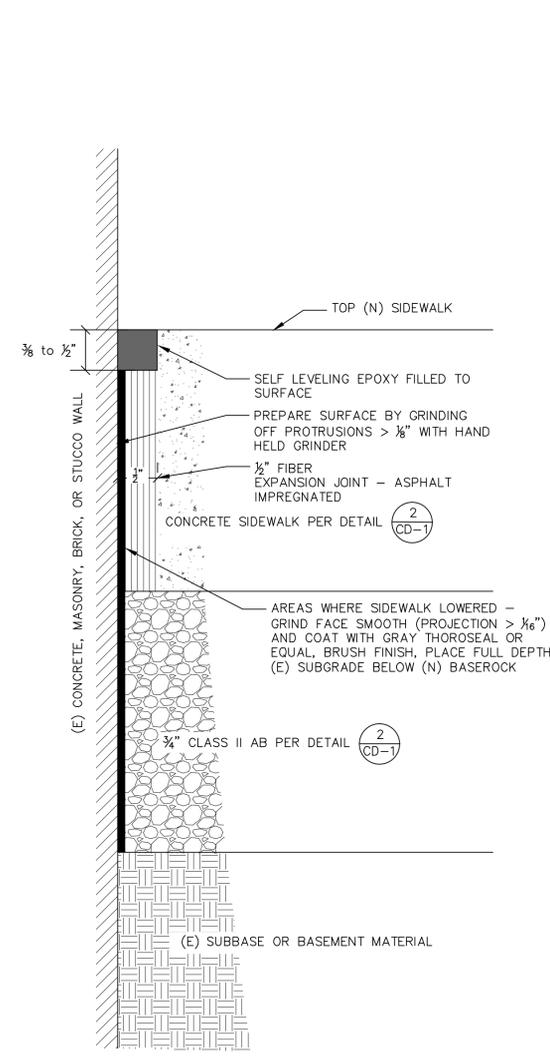
REGISTERED PROFESSIONAL ENGINEER
 CATHY A. McKEON
 NO. 51026
 EXP. 9-30-17
 CIVIL
 STATE OF CALIFORNIA
 FEB. 18, 2016

Crawford & Associates, Inc.
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 100 N. Pine Street
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RAU AND ASSOCIATES INC.
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 100 NORTH PINE STREET · (707) 462-6536 · UKIAH, CA 95482

LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
 N. MAIN STREET LAKEPORT, CA.
 SCALE: AS NOTED APPROVED BY: DRAWN BY: MAW
 DATE: FEB 2016 REVIEWED BY: CAM
SIDEWALK DETAILS
 CITY OF LAKEPORT DRAWING NUMBER CD-2 OF 70

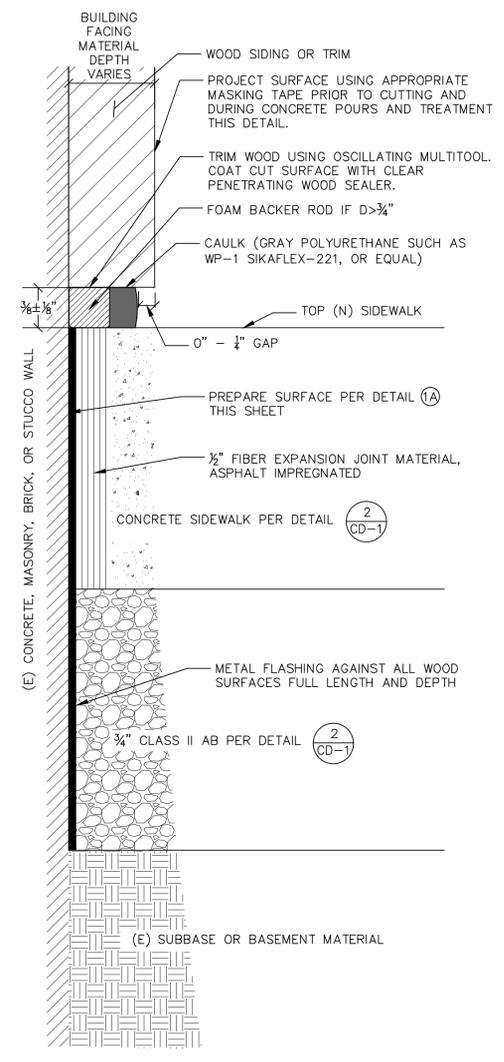
BID SET

Xrefs: LD_CX-TBLOCK.dwg Path: S:\AutoCAD Civil 3D\Projects\15-219.X-City of Lakeport DT Improvements Drawings\Crowford\LD_CP-DETAILS SWALK.dwg Plot Date: Feb 18, 2016 at 12:31

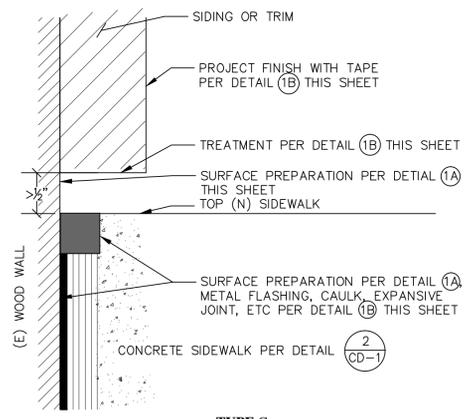


1A TYPE A (TYPICAL) **SIDEWALK FINISH AT BUILDINGS - NON WOOD** N.T.S.

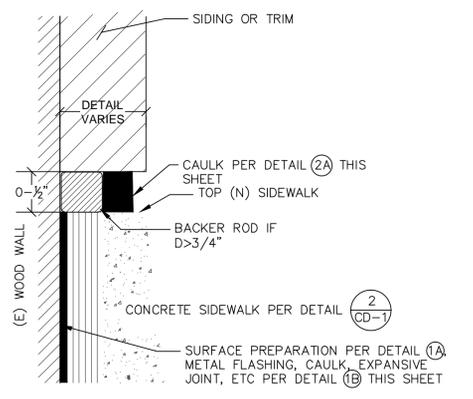
NOTE: FOR SIDEWALK FINISH WITH WOOD TRIM USE DETAIL 1B, 1C, OR 1D DEPENDING ON CONDITIONS.



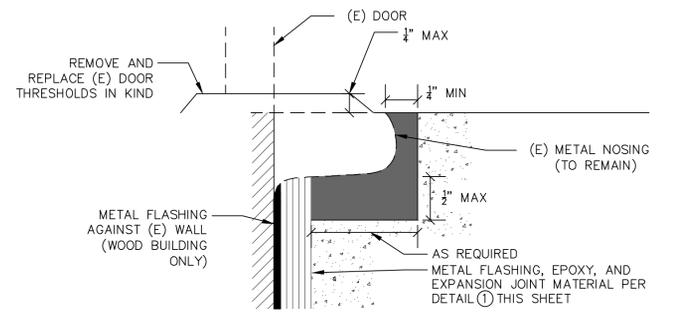
1B TYPE B **SIDEWALK FINISH AT BUILDINGS - WOOD (SIDEWALK RAISED)** N.T.S.



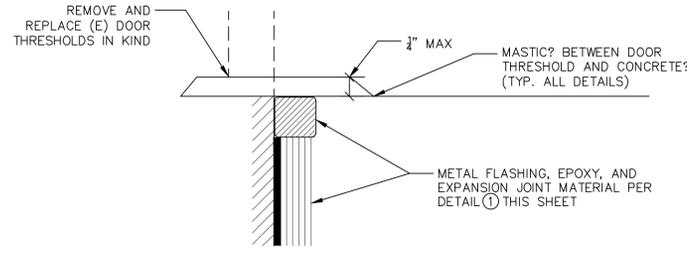
1C TYPE C **SIDEWALK FINISH AT BUILDINGS - WOOD (SIDEWALK LOWERED > 1/2")**



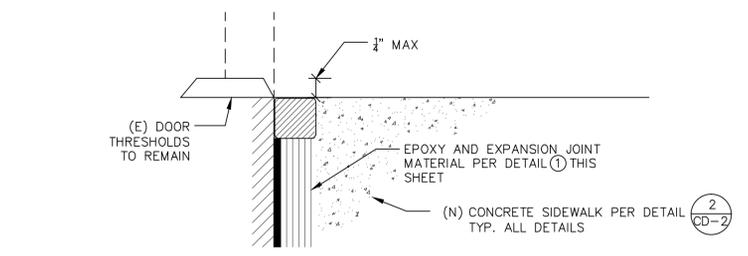
1D TYPE D **SIDEWALK FINISH AT BUILDINGS - WOOD (SIDEWALK LOWERED 0\"/>**



2A **SIDEWALK FINISH AT DOORWAYS METAL EDGING**



2B **SIDEWALK FINISH AT DOORWAYS STANDARD THRESHOLD**



2C **SIDEWALK FINISH AT DOORWAYS RECESSED THRESHOLD**

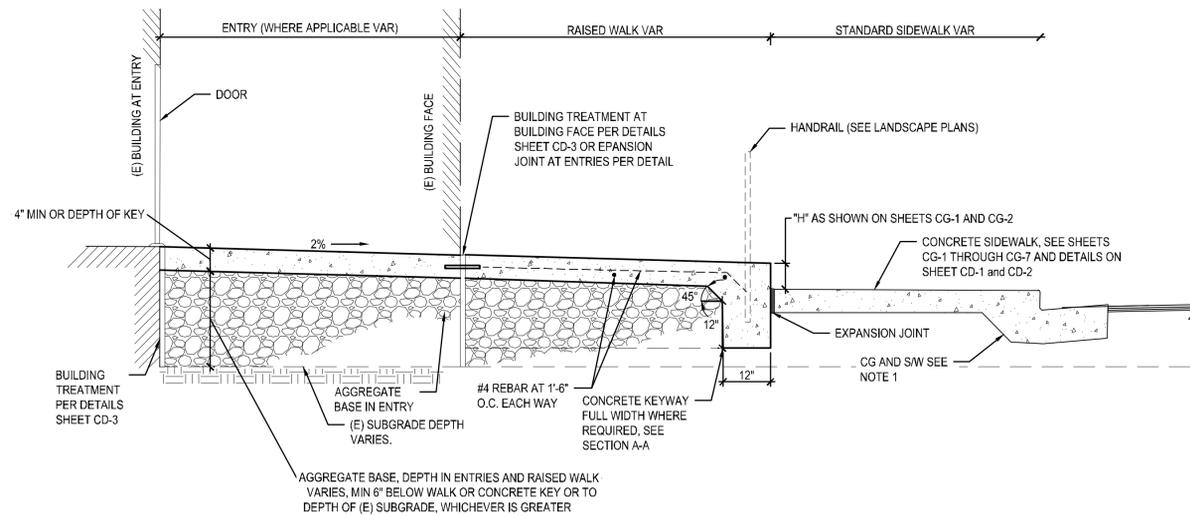
2 **SIDEWALK FINISHES AT DOORWAY ENTRIES** N.T.S.

1 **SIDEWALK FINISHES AT BUILDINGS** N.T.S.

BID SET

PROJECT ENGINEER: CATHY A. McKEON				LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II	
LICENSE: NO. 51026	EXP.: 9-30-17			N. MAIN STREET LAKEPORT, CA.	
				SCALE: AS NOTED	APPROVED BY:
				DATE: FEB 2016	REVIEWED BY: CAM
			CIVIL ENGINEERS · LAND SURVEYORS		SIDEWALK DETAILS
			100 NORTH PINE STREET • (707) 462-6536 • UKIAH, CA 95482		DRAWING NUMBER
					CD-3 OF 70
			CITY OF LAKEPORT		

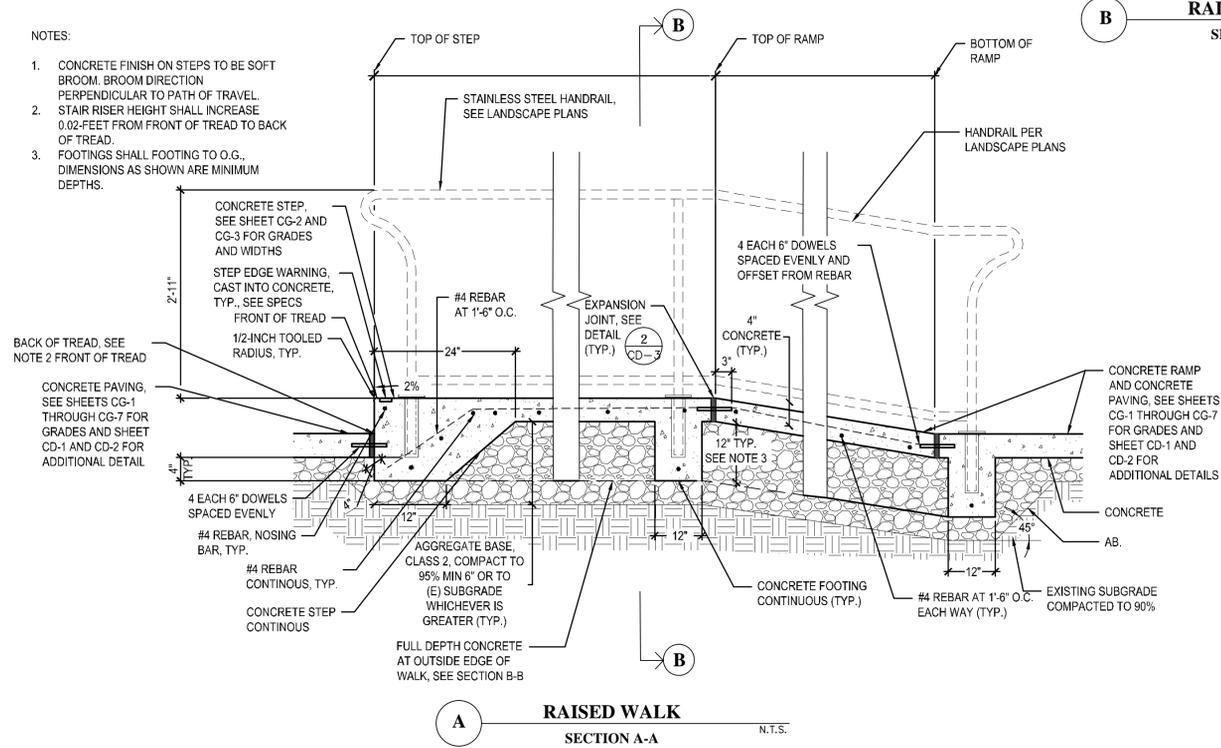
- NOTES:
- GRADES AT ENTRY, RAISED WALK, AND SIDEWALK ARE AS SHOWN ON SHEETS CG-1 THROUGH CG-7



AGGREGATE BASE, DEPTH IN ENTRIES AND RAISED WALK VARIES, MIN 6" BELOW WALK OR CONCRETE KEY OR TO DEPTH OF (E) SUBGRADE, WHICHEVER IS GREATER

NOTES:

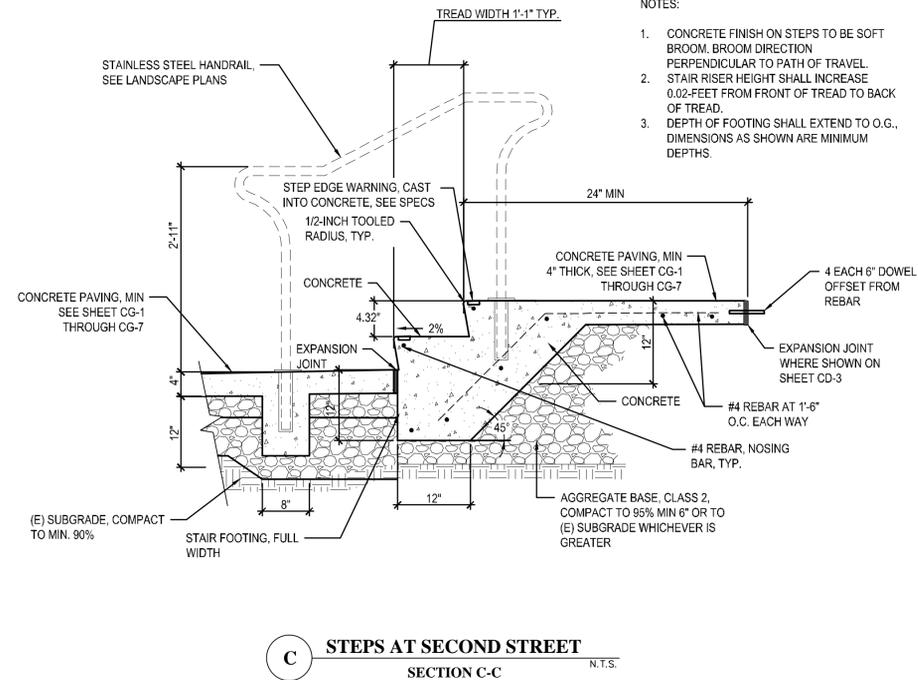
- CONCRETE FINISH ON STEPS TO BE SOFT BROOM. BROOM DIRECTION PERPENDICULAR TO PATH OF TRAVEL. STAIR RISER HEIGHT SHALL INCREASE 0.02-FEET FROM FRONT OF TREAD TO BACK OF TREAD.
- FOOTINGS SHALL FOOTING TO O.G., DIMENSIONS AS SHOWN ARE MINIMUM DEPTHS.



RAISED WALK SECTION B-B N.T.S.

NOTES:

- CONCRETE FINISH ON STEPS TO BE SOFT BROOM. BROOM DIRECTION PERPENDICULAR TO PATH OF TRAVEL. STAIR RISER HEIGHT SHALL INCREASE 0.02-FEET FROM FRONT OF TREAD TO BACK OF TREAD.
- DEPTH OF FOOTING SHALL EXTEND TO O.G., DIMENSIONS AS SHOWN ARE MINIMUM DEPTHS.

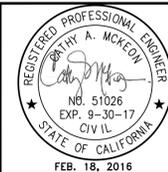


STEPS AT SECOND STREET SECTION C-C N.T.S.

1 RAISED WALK SECTIONS

N.T.S.

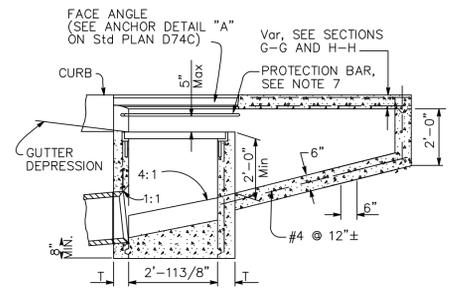
PROJECT ENGINEER: CATHY A. McKEON
 LICENSE: NO. 51026 EXP.: 9-30-17
 VERIFY SCALE
 0 1/2 1 2 3
 BAR REPRESENTS THREE INCHES ON ORIGINAL



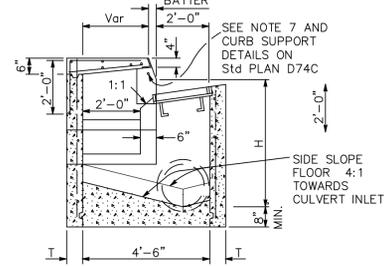
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LAKEPORT DOWNTOWN IMPROVEMENTS – PHASE II
 N. MAIN STREET LAKEPORT, CA.
 SCALE: AS NOTED APPROVED BY: DRAWN BY: MAW
 DATE: FEB 2016 REVIEWED BY: CAM
 SIDEWALK DETAILS
 CITY OF LAKEPORT DRAWING NUMBER CD-4 OF 70

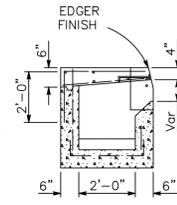
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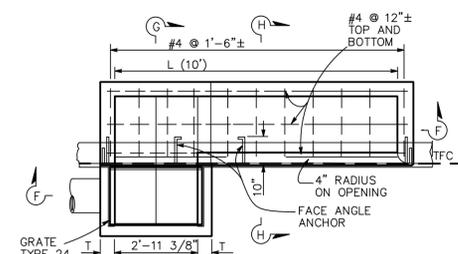
SECTION F-F



SECTION G-G



SECTION H-H



PLAN
TYPE GOL-10

**TABLE A
CONCRETE QUANTITIES**

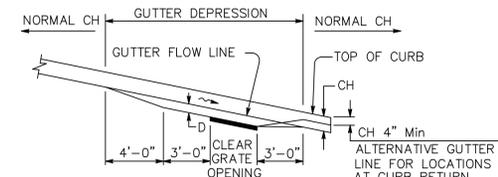
TYPE	H=3'-0" TO 8'-0" (T=6")		H=8'-1" TO 20'-0" (T=8")	
	H=3'-0" (CY)	ADDITIONAL PCC PER FOOT (CY)	H=8'-1" (CY)	ADDITIONAL PCC PER FOOT (CY)
GOL-7	2.33	0.313	4.96	0.434
GOL-10	2.84	0.313	5.47	0.434

* Based on H=3.1'
Table based on 8" floor slab, 7" curb openings, and curb type giving highest quantity of concrete. No deductions or adjustments are to be made to these quantities because of pipe openings, different floor alternatives, different curb types or different height of curb openings.

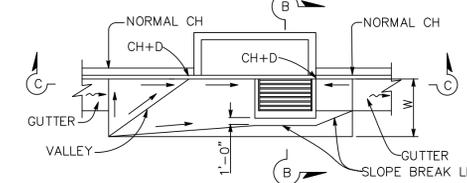
1 TYPE GOL-10 DRAINAGE INLET

GOL-10 DRAINAGE INLET NOTES:

- "H" is the difference in elevation between the outlet pipe flow line and the normal gutter grade line undepressed at the curb face.
- For "T" wall thickness, see Table A below.
- Height of curb opening will vary with the type of curb and the depth of the local depression.
- Wall reinforcing not required when "H" is 8'-0" or less and the unsupported width or length is 7'-0" or less. Walls exceeding these limits shall be reinforced with #4 bars @ 1'-6" ± centers placed 11/2" clear to inside of box unless otherwise shown.
- Inlet bottom reinforcing not required. See Standard Plan D74C for alternative reinforced bottom.
- Steps—None required where "H" is less than 2'-6". Where "H" is 2'-6" or more, install steps with lowest rung 1'-0" above the floor and highest rung not more than 6" below top of inlet. The distance between steps shall not exceed 1'-0" and be uniform throughout the length of the wall. Place steps in the wall without an opening. Step inserts may be substituted for the bar steps. Step inserts shall comply with State Industrial Safety requirements. See Standard Plan D74C for step details.
- When shown on the project plans, place a 3/4" plain round protection bar horizontally across the length of the opening and bend back 4" into the inlet wall on each side.
- Pipe(s) can be placed in any wall.
- Curb section shall match adjacent curb.
- Except for inlets used as junction boxes, basin floor shall have a minimum slope of 4:1 from all directions toward outlet pipe and shall have a wood trowel finish.
- See Standard Plans D77A and D77B for grate and frame details and weights of miscellaneous iron and steel. All grates shall be 24-12X bicycle proof grates.
- See Standard Plan D78A for gutter depression details.
- Complete joint penetration butt welds may be substituted for the fillet welds on all anchors.
- Standard square, hexagon, round or equivalent headed anchors may be substituted for the right angle hooks on this plan.
- Cast-in-place inlets to be formed around all pipes/stubs intersecting the inlet, and concrete poured in one continuous operation. Precast inlets shall have mortared connections conforming to details for Type GCP Inlet shown on Standard Plan D75B. See Standard Specifications for mortar composition.
- ALL REFERENCES TO STANDARD PLAN DETAILS IS TO CALTRANS STANDARD PLANS, 2010.

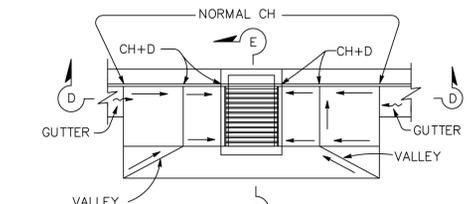


PROFILE

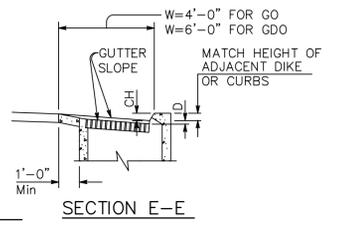


PLAN
TYPE GOL INLET ON GRADE

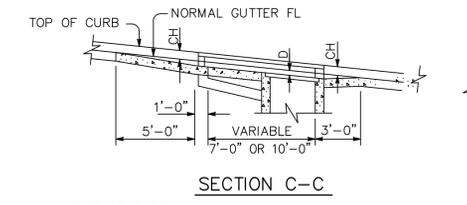
- NOTES:**
- W = Width of depressed apron. Depressed aprons shall be 4'-0" on shoulder and 4'-0" to 6'-0" in city street gutters unless otherwise shown. D = Gutter depression. The gutter depression shall be 11/4" for shoulder and 11/4" to 3" in city street gutter or locations outside of shoulder unless otherwise shown.
 - Gutter depressions shall be 8" thick, midpoint.
 - Establish curb opening height at of grate.
 - Details shown for concrete pavement. When hot mix asphalt pavement is used, corners to be cut off as shown on Detail of Hot Mix Asphalt Pavement.
- CH = Curb Height.
— = Straight grade, downward slope.
↔ = Gutter or shoulders direction of flow.



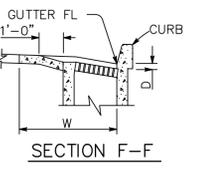
PLAN
TYPE GO AND GDO INLET GRADE SAG
(GDO shown)



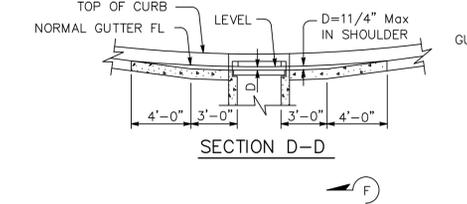
SECTION E-E



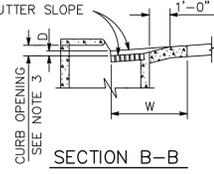
SECTION C-C



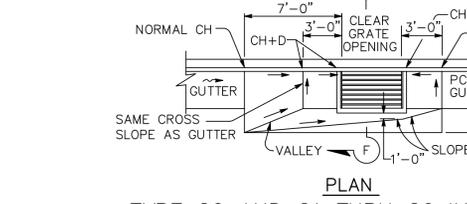
SECTION F-F



SECTION D-D

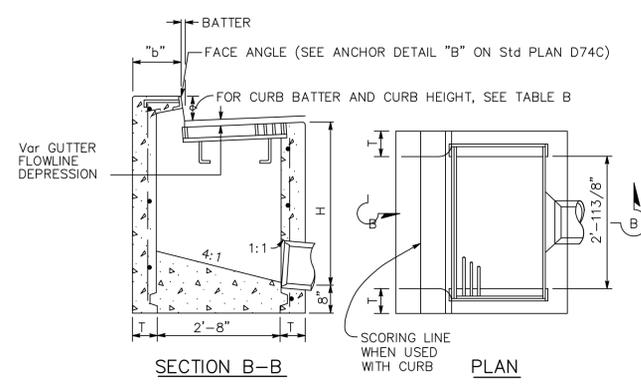


SECTION B-B



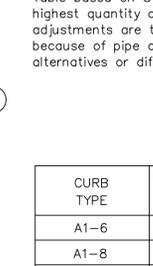
PLAN
TYPE GO AND G1 THRU G6 INLETS ON GRADE

3 DRAINAGE INLET GUTTER PANS



SECTION B-B

TYPE GO



PLAN

**TABLE A
CONCRETE QUANTITIES**

TYPE	H=3'-0" TO 8'-0" (T=6")		H=8'-1" TO 20'-0" (T=8")	
	H=3'-0" (CY)	ADDITIONAL PCC PER FOOT (CY)	H=8'-1" (CY)	ADDITIONAL PCC PER FOOT (CY)
GO	1.24	0.245	3.39	0.346
GDO	1.62	0.322	4.36	0.446

Table based on 8" floor slab and curb type giving highest quantity of concrete. No deductions or adjustments are to be made to these quantities because of pipe openings, different floor alternatives or different curb type.

TABLE B

CURB TYPE	NORMAL CURB HEIGHT	CURB BATTER	"a" DIMENSION	"b" DIMENSION
A1-6	6"	11/2"	T+71/2"	T+61/2"
A1-8	8"	2"	T+7"	T+6"
B1-6	6"	4"	T+5"	T+4"
TYPE A DIKE	6"	3"	T+6"	T+5"

2 TYPE GO DRAINAGE INLET

GO DRAINAGE INLET NOTES:

- "H" is the difference in elevation between the outlet pipe flow line and the normal gutter grade line undepressed.
- For "T" wall thickness, see Table A below.
- Wall reinforcing not required when "H" is 8'-0" or less and the unsupported width or length is 7'-0" or less. Walls exceeding these limits shall be reinforced with #4 @ 1'-6" ± centers placed 11/2" clear to inside of box unless otherwise shown.
- Inlet bottom reinforcing not required. See Standard Plan D74C for alternative reinforced bottom.
- Steps - None required where "H" is less than 2'-6". Where "H" is 2'-6" or more, install steps with lowest rung 1'-0" above the floor and highest rung not more than 6" below top of inlet. The distance between steps shall not exceed 1'-0" and shall be uniform throughout the length of the wall. Place steps in the wall without an opening. Step inserts may be substituted for the bar steps. Step inserts shall comply with State Industrial Safety requirements. See Standard Plan D74C for step details.
- When shown on the project plans, place a 3/4" plain round protection bar horizontally across the length of the opening and bend back 4" into the inlet wall on each side.
- Pipe(s) can be placed in any wall.
- Curb section shall match adjacent curb.
- Basin floors shall have wood trowel finish and shall slope toward the outlet pipe as shown.
- See Standard Plan D77A and D77B for grate and frame details and weights of miscellaneous iron and steel. All grates shall be 24X12X bicycle proof grates.
- See Standard Plan D78A for gutter depression details.
- Complete joint penetration butt welds may be substituted for the fillet welds on all anchors.
- Standard square, hexagon, round or equivalent headed anchors may be substituted for the right angle hooks on this plan.
- Cast-in-place inlets to be formed around all pipes/stubs intersecting the inlet and concrete poured in one continuous operation. precast inlets shall have mortared pipe connections conforming to details for type gcp inlets on standard plan d75b. see standard specifications for mortar composition.
- ALL REFERENCES TO STANDARD PLAN DETAILS IS TO CALTRANS STANDARD PLANS, 2010.

PROJECT ENGINEER: CATHY A. MCKEON
LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
0 1/2 1 2 3
BAR REPRESENTS THREE INCHES ON ORIGINAL

REGISTERED PROFESSIONAL ENGINEER
CATHY A. MCKEON
NO. 51026
EXP. 9-30-17
CIVIL
STATE OF CALIFORNIA
FEB. 18, 2016

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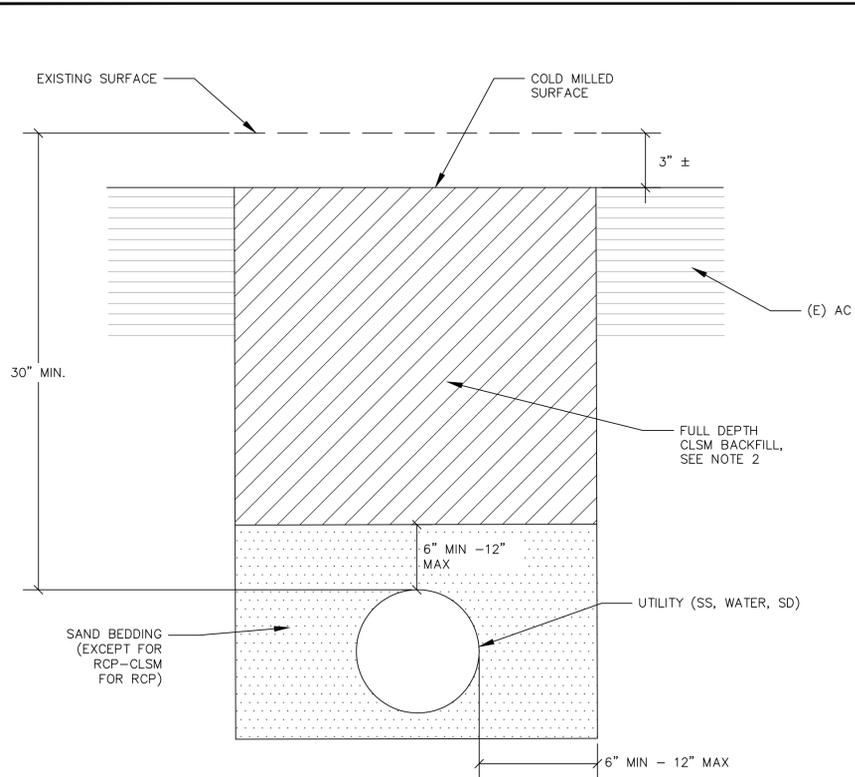
LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II
N. MAIN STREET LAKEPORT, CA.

SCALE: AS NOTED APPROVED BY: DRAWN BY: NRA
DATE: FEB. 2016 REVIEWED BY: CAM

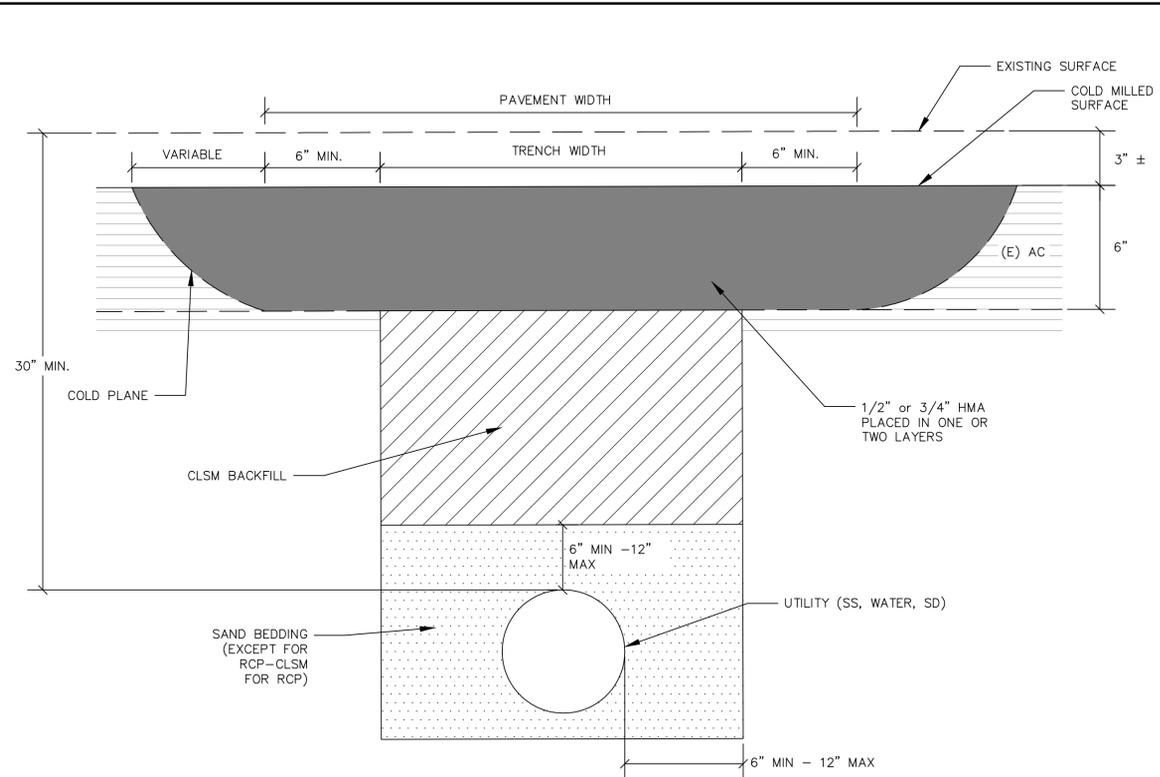
DRAINAGE DETAILS
CITY OF LAKEPORT DRAWING NUMBER CD-5 OF 70 SHTS

BID SET

Xrefs: LD_LCX-TBLOCK.dwg Path: S:\AutoCAD Civil 3D\Projects\15-219.X-City of Lakeport DT Improvements\Drawings\Crowford\LDI_CP-DETAILS UTIL-DRAIN-TRAF.dwg Plot Date: Feb 18, 2016 at 15:36



1A UTILITY TRENCH IN ALL OTHER AREAS



1B UTILITY TRENCH IN FULL DEPTH AC IN TRAVEL LANES ONLY

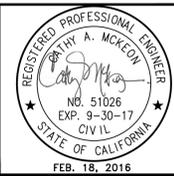
1 TRENCH DETAIL

- NOTES:
1. PAVEMENT FOR TRENCH COLD PLANE LIMITED TO 6" BEYOND PLANNED TRENCH WIDTH.
 2. FULL DEPTH CLSM SHALL BE PLACED FOR INTERIM CONDITION UNTIL PAVEMENT REHABILITATION IS PERFORMED. DEPTH OF FINAL PAVEMENT AS SHOWN ON SHEET TS-1 THROUGH TS-4.
 3. WHERE WARRANTED AND AT THE DISCRETION OF THE CITY ENGINEER, TRENCH PLATES MAY BE USED FOR UP TO 2 WEEKS. TRENCH PLATES SHALL HAVE A SKID RESISTANT SURFACE, SECURED WITH 24" WIDE COLLAR OF CURBACK AROUND ALL SIDES OF PLATE, AND TAPERED TO PROVIDE SMOOTH TRANSITIONS.
 4. A TACK COAT OF ASPHALTIC EMULSION OR PAVING GRADE ASPHALT SHALL BE APPLIED TO EXISTING HMA PAVEMENT AT ALL CONTACT SURFACES PRIOR TO PERMANENT HMA PAVING PER SECTION 22-7 OF STANDARD SPECIFICATIONS.
 5. EXISTING PAVEMENT SHALL BE SAWCUT AND REMOVED IN SUCH A MANNER AS NOT TO TEAR, BULGE, OR DISPLACE ADJACENT PAVEMENT. EDGES SHALL BE CLEAN AND VERTICAL WHEN PRACTICAL. ALL CUTS SHALL BE PARALLEL OR PERPENDICULAR TO THE STREET CENTERLINE.
 6. R.C. - RELATIVE COMPACTION AS DETERMINED BY ASTM DESIGNATION D 1557 AND CITY STANDARDS.
 7. NO SOLID BLOCKING PERMISSIBLE BENEATH PIPE.
 8. JETTING BACKFILL IS NOT PERMITTED.
 9. ALL BACKFILL SHALL BE CONTROLLED LOW DENSITY (CLSM) IN CONFORMANCE WITH PROJECT SPECIFICATION.

BID SET

PROJECT ENGINEER: CATHY A. McKEON
 LICENSE: NO. 51026 EXP.: 9-30-17

VERIFY SCALE
 0 1/2 1 2 3
 BAR REPRESENTS THREE INCHES ON ORIGINAL



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LAKEPORT DOWNTOWN IMPROVEMENTS - PHASE II N. MAIN STREET LAKEPORT, CA.		
SCALE: AS NOTED	APPROVED BY:	DRAWN BY: NRA
DATE: FEB 2016		REVIEWED BY: CAM
UTILITY DETAILS		
CITY OF LAKEPORT		DRAWING NUMBER CD-6 of 70 SHTS