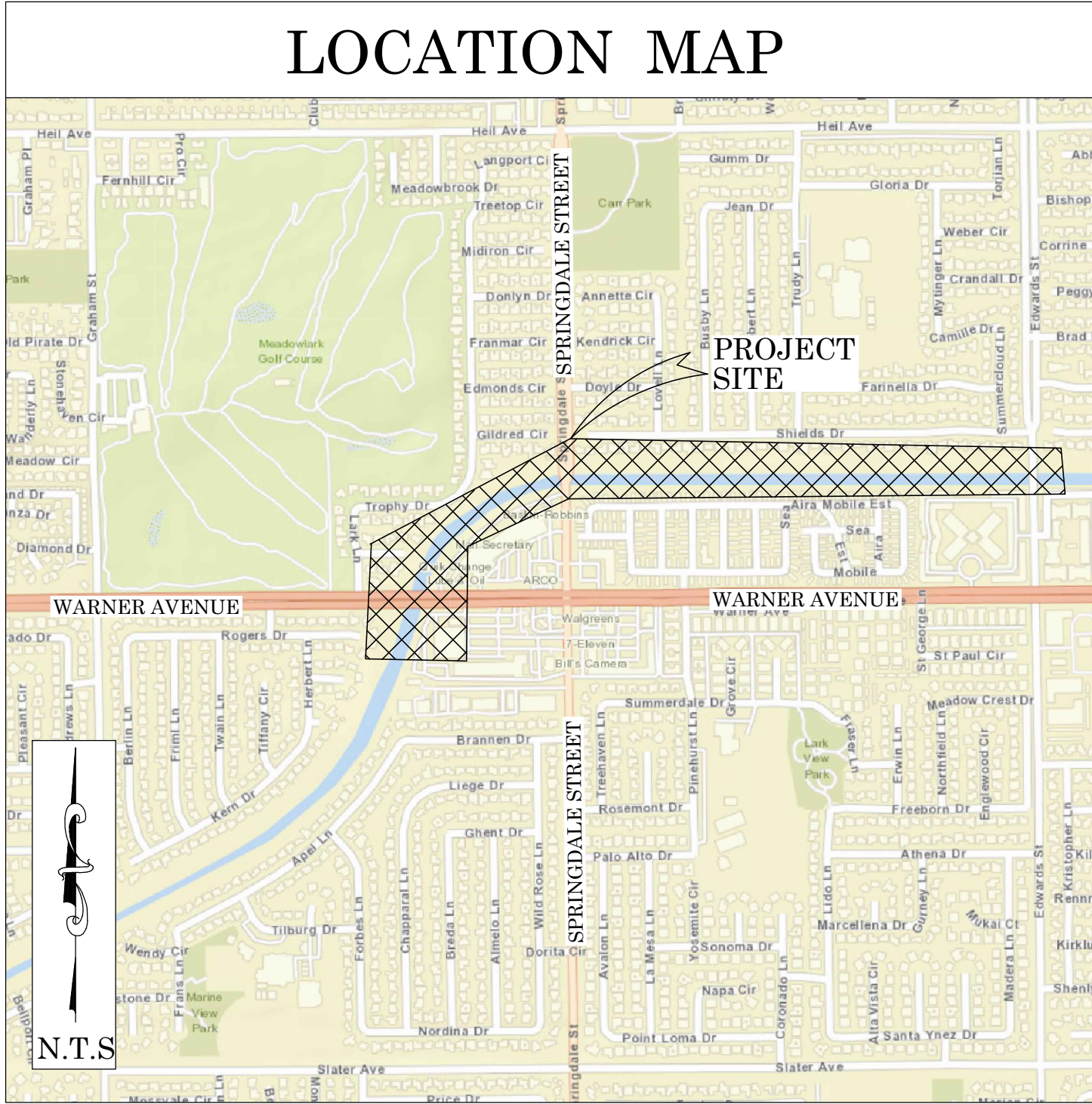




OC PUBLIC WORKS DEPARTMENT
JAMES TREADAWAY, DIRECTOR OF PUBLIC WORKS
KEVIN HILLS, COUNTY SURVEYOR
POST CONSTRUCTION ASBUILT



N.T.S.

SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 24 DAY OF MAY, 2023.

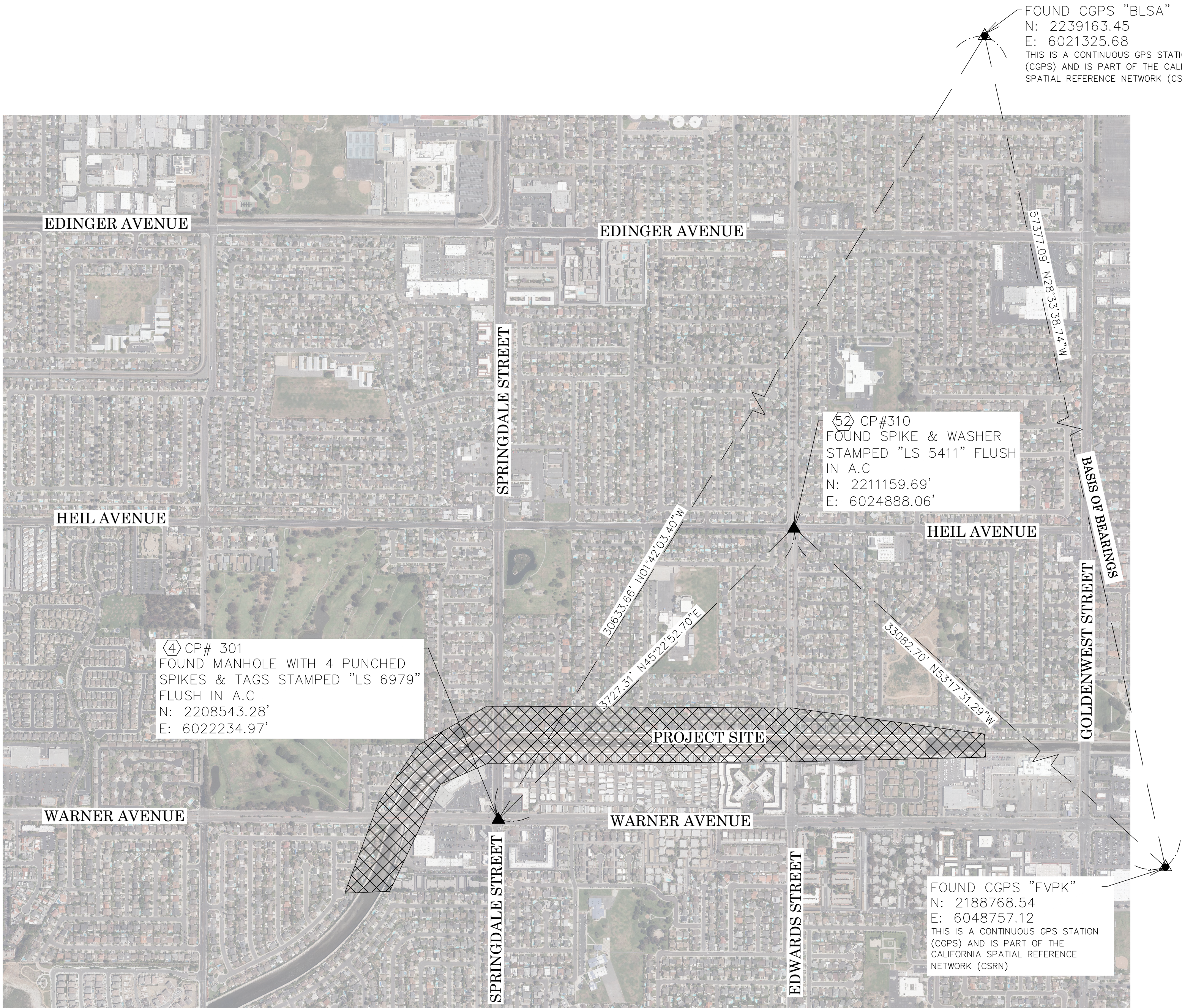
MICHAEL KUBISTY, PLS. SENIOR LAND SURVEYOR



SENIOR LAND SURVEYOR'S CERTIFICATE:

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH REQUIREMENTS OF THE PROFESSIONAL LAND SURVEYOR'S ACT; THIS 24 DAY OF MAY, 2023.

JESOM MORENO, PLS. SENIOR LAND SURVEYOR



BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2007.00) EPOCH ADJUSTMENT, AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS CGPS STATIONS (FVPK) AND (BLSA) BEING NORTH 28°33'38.74" WEST AS DERIVED FROM THE COORDINATES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) ALONG WITH DATA SHEETS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

HORIZONTAL DATUM

COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2007.00) EPOCH ADJUSTMENT.

ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCE BY A COMBINED FACTOR OF 0.99998096

ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

VERTICAL DATUM

O.C.S. BM. 1D-78-69 ELEV. = 14.943' YEAR LEVELED: 2005
NAVD 1988 (O.C.S. 1995 ADJUSTMENT)
DESCRIPTION: FOUND 3-3/4" OCS ALUMINUM BENCHMARK DISK STAMPED "1D-78-69", SET IN THE SOUTHEAST CORNER OF A CONCRETE BRIDGE DECK, MONUMENT IS LOCATED IN THE NORTHEAST CORNER OF THE INTERSECTION OF WARNER AVENUE GOLDENWEST STREET

NOTES

THE SURVEY INFORMATION SHOWN HEREON IS TO BE USED FOR TOPOGRAPHIC RELATIONSHIPS ONLY AND IS NOT INTENDED FOR LAND ACQUISITION OR BOUNDARY PURPOSES.

ALL BOUNDARY LINES NOT SHOWN IN BOLD ARE FOR GRAPHICAL REPRESENTATION ONLY.

SHEET INDEX

SHEET NO.	DESCRIPTION
SHEET 1	TITLE SHEET
SHEET 2-5	BOUNDARY MAP
SHEET 6-13	TOPOGRAPHY SHEET

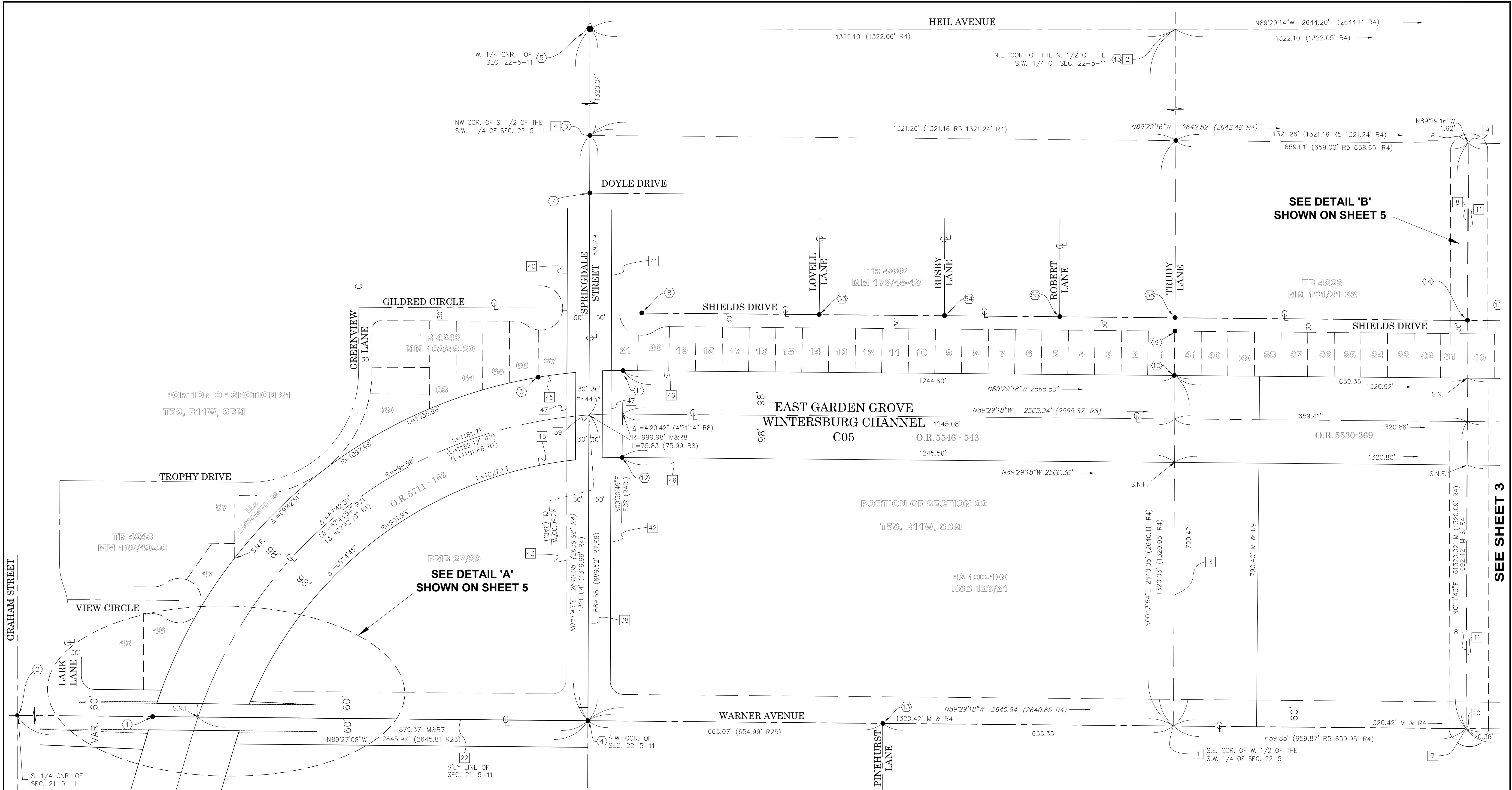
BASIS OF STATIONING

THE BASIS OF STATIONING FOR THIS PROJECT IS 100+56.70 HELD AT THE CENTERLINE INTERSECTION OF THE C05 CHANNEL & WARNER AVE PER O.C.F.C.D. FACILITY NO. C05 DWG. C05-101-12R SHEET 14

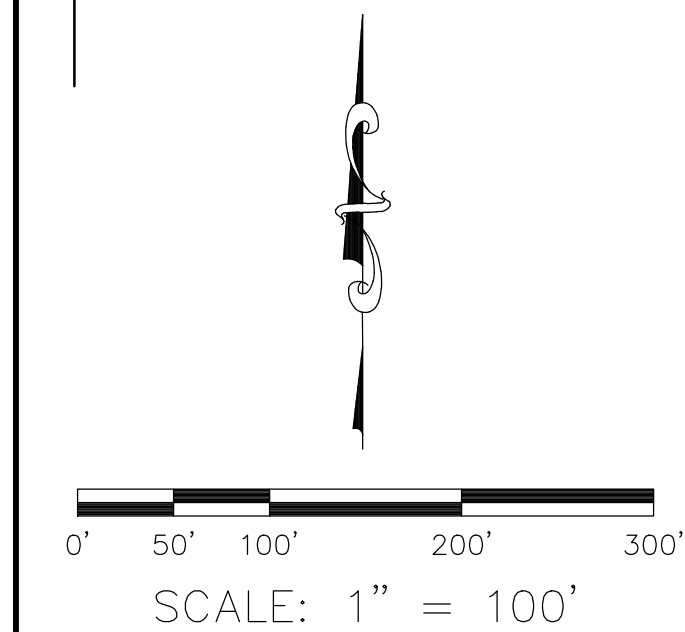
PURPOSE OF SURVEY

THE PURPOSE OF THIS SURVEY IS TO PROVIDE A POST CONSTRUCTION ASBUILT IN FULFILLMENT OF SECTION #9 OF THE CLOSEOUT DOCUMENTS FOR THIS PROJECT

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		POST CHANNEL ASBUILT			
		TITLE SHEET			
		PROJECT LIMITS: FROM C05 CHANNEL FROM STA 101 + 52 TO STA 152 + 01			
		DATE OF SURVEY: 05/03/2023		SHEET NO. 1 of 13	
		MAPPING BY: R. CASANAVE			
		OFFICE CHECK BY: H. AFTIM			
FIELD CHECK BY: T. LOFGREEN, PLS					
SCALE: N.T.S. W.O. #EE17400N FILE #2122PW-FP0001					
MARK	DATE	ITEM	REVISIONS		FILE: C05 CHANNEL ASBUILT 2023.DWG



GRAHAM STREET



MONUMENT LEGEND

- FOUND MONUMENT
- ▲ FOUND GPS MONUMENT. SEE MONUMENT NOTES SHOWN ON SHEET 4 FOR DETAILS
- S.N.F. SEARCHED NOTHING FOUND
- ⑦ MONUMENT NUMBER. SEE SHEET 4 FOR DESCRIPTION AND NOTES

ESTABLISHMENT NOTES

- ③ SEE SHEET 4 FOR DETAILS

REFERENCES

- | | | | |
|---|---|---|---------------------------------------|
| (R1) TRACT MAP NO. 4243, M.M. 162/49-50 | (R12) TRACT MAP NO. 7318, M.M. 286/49-50 | (R22) RECORD OF SURVEY, R.S.B. 258/36 | (R32) O.R. 5646/935-937 |
| (R2) PARCEL MAP, P.M.B. 27/39 | (R13) O.R. 5342/218 | (R23) PARCEL MAP, P.M.B. 27/39 | (R33) TRACT NO. 4243 M.M. 162/49-50 |
| (R3) TRACT MAP NO. 4882, M.M. 173/45-48 | (R14) O.R. 5803/27-33 | (R24) RECORD OF SURVEY 2007-1107, R.S.B. 221/30 | (R34) TRACT NO. 4882 M.M. 173/45-48 |
| (R4) RECORD OF SURVEY, R.S.B. 129/21 | (R15) O.R. 5711/155 | (R25) TRACT MAP NO. 6087, M.M. 222/23-24 | (R35) O.R. 8926/724 |
| (R5) TRACT MAP NO. 4823, M.M. 191/31-32 | (R16) O.R. 5171/338 | (R26) RECORD OF SURVEY. R.S.B. 166/49 | (R37) BRIDGE WIDENING PERMIT NO.05469 |
| (R6) TRACT MAP NO. 7321, M.M. 285/6-7 | (R17) TRACT MAP NO. 7289, M.M. 284/19-20 | (R27) PARCEL MAP, P.M.B. 5/2 | (R38) ASSESSOR MAP APN:146-581-02 |
| (R7) O.R. 5711/162-167 | (R18) TRACT MAP NO. 4051, M.M. 151/19-20 | (R28) TRACT MAP NO. 5791 M.M. 236/20-23 | (R39) BRIDGE WIDENING PERMIT NO.24470 |
| (R8) O.R. 5546/543-545 | (R19) TRACT MAP NO. 7498, M.M. 287/9-10 | (R29) O.R. 9010-691 | |
| (R9) O.R. 5530/369 | (R20) PARCEL MAP NO. 87-130, P.M.B. 229/5-7 | (R30) STEARNS RANCHO T.I. 264339 EX.2 | |
| (R11) O.R. 5546/543-545 | (R21) TRACT MAP NO. 4381 M.M. 156/44-45 | (R31) BRIDGE WIDENING PERMIT NO.05767 | |

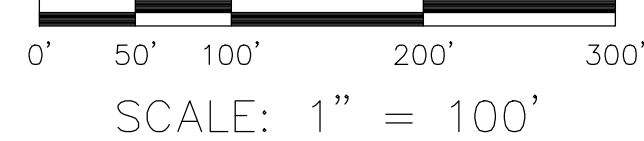
SEE DETAIL 'B'
SHOWN ON SHEET 5

SEE DETAIL 'A'
SHOWN ON SHEET 5

SEE SHEET 3

MARKDATEITEM		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			SHEET NO. 2 of 13	
		POST CONSTRUCTION ASBUILT				
		2 BOUNDARY SHEET				
		PROJECT LIMITS: FROM C05 CHANNEL FROM STA 101 + 52 TO STA 152 + 01				
		DATE OF SURVEY:		05/03/2023		
		MAPPING		BY: R. CASANAVE		
		OFFICE CHECK		BY: H. AFTIM		
		FIELD CHECK		BY: T. LOFGREEN, PLS		
		SCALE: 1"=100'		W.O. #EE17400N		FILE #2122PW-FP0001
		FILE: C05 WINTERSBURG CHANNEL BOUNDARY_EDWARDS 2023.DWG				

SEE SHEET 2



ESTABLISHMENT NOTES

3 SEE SHEET 4 FOR DETAILS

MONUMENT LEGEND

- FOUND MONUMENT
- ▲ FOUND GPS MONUMENT. SEE MONUMENT NOTES SHOWN ON SHEET 4 FOR DETAILS
- S.N.F. SEARCHED NOTHING FOUND
- 7 MONUMENT NUMBER. SEE SHEET 4 FOR DESCRIPTION AND NOTES

- (R1) TRACT MAP NO. 4243, M.M. 162/49-50
(R2) PARCEL MAP, P.M.B. 27/39
(R3) TRACT MAP NO. 4882, M.M. 173/45-48
(R4) RECORD OF SURVEY, R.S.B. 129/21
(R5) TRACT MAP NO. 4823, M.M. 191/31-32
(R6) TRACT MAP NO. 7321, M.M. 285/6-7
(R7) O.R. 5711/162-167
(R8) O.R. 5546/543-545
(R9) O.R. 5530/369
(R11) O.R. 5546/543-545

- (R12) TRACT MAP NO. 7318, M.M. 286/49-50
(R13) O.R. 5342/218
(R14) O.R. 5803/27-33
(R15) O.R. 5711/155
(R16) O.R. 5171/338
(R17) TRACT MAP NO. 7289, M.M. 284/19-20
(R18) TRACT MAP NO. 4051, M.M. 151/19-20
(R19) TRACT MAP NO. 7498, M.M. 287/9-10
(R20) PARCEL MAP NO. 87-130, P.M.B. 229/5-7
(R21) TRACT MAP NO. 4381 M.M. 156/44-45

REFERENCES

- (R22) RECORD OF SURVEY, R.S.B. 258/36
(R23) PARCEL MAP, P.M.B. 27/39
(R24) RECORD OF SURVEY 2007-1107, R.S.B. 221/30
(R25) TRACT MAP NO. 6087, M.M. 222/23-24
(R26) RECORD OF SURVEY, R.S.B. 166/49
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(R28) TRACT MAP NO. 5791 M.M. 236/20-23
(R29) O.R. 9010-691
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(R31) BRIDGE WIDENING PERMIT NO.05767

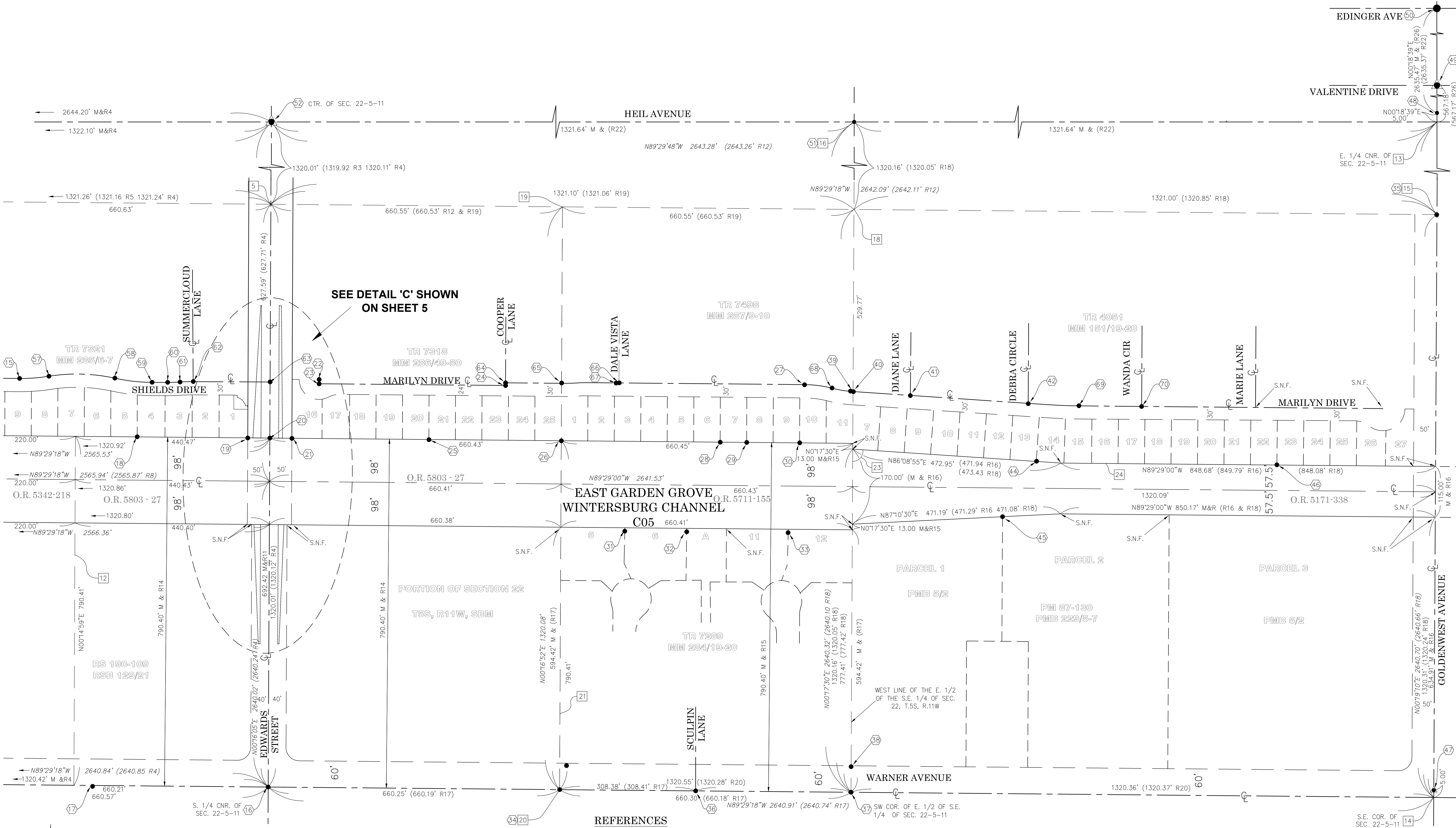
- (R32) O.R. 5646/935-937
(R33) TRACT NO. 4243 M.M. 162/49-50
(R34) TRACT NO. 4882 M.M. 173/45-48
(R35) O.R. 8926/724
(R37) BRIDGE WIDENING PERMIT NO.05469
(R38) ASSESSOR MAP APN:146-581-02
(R39) BRIDGE WIDENING PERMIT NO.24470

COUNTY OF ORANGE
OC PUBLIC WORKS
OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING

POST CONSTRUCTION ASBUILT

3 BOUNDARY SHEET				SHEET NO. 3 of 13
PROJECT LIMITS: FROM C05 CHANNEL FROM STA 101 + 52 TO STA 152 + 01				
DATE OF SURVEY:	05/03/2023			
MAPPING	BY: R. CASANAVE			
OFFICE CHECK	BY: H. AFTIM			
FIELD CHECK	BY: T. LOFGREEN, PLS			
SCALE: 1" = 100'	W.O. #EE17400N	FILE #2122PW-FP0001		
FILE: C05 WINTERSBURG CHANNEL BOUNDARY_EDWARDS 2023.DWG				

MARK	DATE	ITEM
REVISIONS		



MONUMENT NOTES

- ①

FOUND GEAR S&W, TAG LS 6970, FLUSH IN CONCRETE PER C.R. 2004-1384, S00'32'52"W 0.04'
- ②

FOUND SPIKE & 1-1/2" WASHER, LS 6970, FLUSH IN AC PER C.R. 2004-1381B, ACCEPTED AS THE S. 1/4 CENTER OF SEC. 21-5-11 PER (R23)
- ③

FOUND 1" I.P. W/ TAG LS 3039, DN. 0.8' IN DIRT PER (R1), N09'27'59"W 0.13'
- ④

FOUND MANHOLE W/ 4-PUNCHED SPIKES W/ TAGS LS 6970 FLUSH IN AC PER C.R. 2004-1383B, ACCEPTED AS S.W. COR. OF SEC. 22-5-11 PER (R4)
- ⑤

FOUND GEAR SPIKE & 1-1/2" WASHER STAMPED "CITY OF HUNTINGTON BEACH" FLUSH IN AC, PER CR 2013-2748, ACCEPTED AS W 1/4 COR. OF 22-5-11 PER (R4)
- ⑥

FOUND GEAR S&W STAMPED "CITY OF HUNTINGTON BEACH" FLUSH IN AC, PER CR 2013-2746, S34'05'20"W 0.06'
- ⑦

FOUND GEAR S&W STAMPED "CITY OF HUNTINGTON BEACH" FLUSH IN AC, PER CR 2013-2745. N89'48'17"E 0.07'
- ⑧

FOUND 2" ALUMINUM CAP STAMPED RCE 27988, FLUSH IN AC, NO REF, N00'30'42"E 0.09'
- ⑨

FOUND 2" I.P. W/ TAG ILLEGIBLE UNDER CONCRETE HEADER, DN. 0.45' IN CONCRETE, S52'49'52"E 0.09' PER (R3)
- ⑩

FOUND 2" I.P. NO TAG, DN. 1.6' DN. 0.8' IN DIRT PER (R3), N00'30'42"E 0.30'
- ⑪

FOUND 3 1/2" I.P. W/ PUNCHED BRASS DISK, STAMPED "OFCOD RW" FLUSH IN DIRT, PER A/5-11&12-734 , N43'22'46"E 0.15' (PRE-CONSTRUCTION CR 2015-2378, NO POST-CONSTRUCTION CR AVAILABLE)
- ⑫

FOUND 2" I.P. NO TAG DN. 1.8' IN DIRT, NO REF., S38'37'39"E 0.14'
- ⑬

FOUND MAG N&W LS 5411 PER C.R. 2004-0491B, ACCEPTED AS CENTERLINE INTERSECTION OF PINEHURST LANE AND WARNER AVENUE PER (R25)
- ⑭

FOUND 2" ALUMINUM CAP STAMPED RCE 27998 FLUSH IN AC, NO REF, ON E'LY LINE OF THE WEST 60 ACRES OF S 1/2 OF S 1/4 OF SEC 22-5-11 PER (R5), N00'11'43"E 0.28' (PRE-CONSTRUCTION CR 2015-2378, NO POST-CONSTRUCTION CR AVAILABLE)
- ⑮

FOUND 2" ALUMINUM CAP STAMPED RCE 27998 FLUSH IN AC, NO REF, N00'30'42"E 0.24' (PRE-CONSTRUCTION CR 2015-2378, NO POST-CONSTRUCTION CR AVAILABLE)
- ⑯

FOUND PK N&W LS 5411 FLUSH IN AC PER C.R. 2004-0149B, ACCEPTED AS THE S. 1/4 CNR. OF SEC. 22-5-11 PER (R4)
- ⑰

FOUND ORANGE COUNTY SURVEY CAP, FLUSH IN MEDIAN, NO REFERENCE
- ⑱

FOUND 1" I.P. NO TAG DN. 1.2' IN DIRT PER (R6), N00'30'42"E 0.16'
- ⑲

FOUND 1" I.P. NO TAG DN. 1.4' IN DIRT PER (R6), N24'11'53"E 0.16'
- ⑳

FOUND MAG N&W W/ TAG LS 5411, FLUSH IN AC, PER CR 2005-0823 N14'35'07"E 0.26'
- ㉑

FOUND 2" I.P. NO TAG, DN. 1.20' IN DIRT PER (R12), N63'00'33"E 0.24'
- ㉒

FOUND BROKEN SQUARE SHAFT OF SPIKE, FLUSH IN AC, PER (R12) N06'05'02"E 0.17'
- ㉓

FOUND SPIKE W/ PUNCH, FLUSH IN AC, PER (R12) N00'31'00"E 0.15'
- ㉔

FOUND SPIKE W/ PUNCH, WITH 2 1/4" TIN & WASHER, FLUSH IN AC, PER (R12) N00'31'00"E 0.11'
- ㉕

FOUND 1" I.P. W/ TAG RCE 12443, DN. 1.1' IN DIRT PER (R12), N00'31'00"E 0.19'
- ㉖

FOUND 2" I.P. W/ TAG RCE 12443 DN. 0.8' IN DIRT PER (R19), N15'05'09"E 0.23'
- ㉗

FOUND SPIKE W/ PUNCH, FLUSH IN AC, PER (R19) N00'31'00"E 0.06'
- ㉘

FOUND 1" I.P. TAG ILLEGIBLE, DN. 1.3' IN DIRT PER (R19), N00'31'00"E 0.28'
- ㉙

FOUND 1" I.P. NO TAG, DN. 1.3' IN DIRT PER (R19), N00'31'00"E 0.25'
- ㉚

FOUND 1" I.P. TAG ILLEGIBLE, DN. 1.3' IN DIRT PER (R19), N00'31'00"E 0.17'
- ㉛

FOUND 1" I.P. W/ TAG LS 2921, DN. 0.4' IN DIRT, ON 2' S'LY OFFSET PER (R17), S00'31'00"W 0.13'
- ㉜

FOUND 1" I.P. NO TAG, DN. 0.5' IN DIRT ON 2' S'LY OFFSET PER (R17), N00'31'00"E 0.17'
- ㉝

FOUND 1" I.P. W/ TAG LS 2921, DN. 0.8' IN DIRT ON 2' S'LY OFFSET PER (R17), N00'31'00"E 0.08'
- ㉞

FOUND PK N&W LS 5411 FLUSH IN AC PER C.R. 2004-0489B, ACCEPTED AS BEING ON E'LY LINE OF W 1/2 OF SW 1/4 OF SE 1/4 OF SEC 22-5-11 PER (R17) N00'16'52"E 0.09'
- ㉟

FOUND GEAR S&W STAMPED "LS 5344", DN. 0.2' IN AC, PER CR 2007-2463, N67'43'31"W 0.08'

MONUMENT NOTES (CONT.)

- ㊱

FOUND PK N&W LS 5411 FLUSH IN AC PER C.R. 2004-0495, N00'31'00"E 0.06'
- ㊲

FOUND 1" I.P. NO TAG PER C.R. 2004-0496B, ACCEPTED AS SW COR OF E. 1/2 OF THE S.E. COR. OF SEC. 22-5-11 PER (R17)
- ㊳

FOUND L&T LS 2681 FLUSH IN CONCRETE BACK OF WALK ON 2' OFFSET NO REF, N89'42'30"E 0.03'
- ㊴

FOUND SPIKE W/ PUNCH, DN. 0.2' IN AC, PER (R19) N03'53'23"E 0.05'
- ㊵

FOUND MAG N&W STAMPED 'BRUCE HALL' LS 4743 FLUSH IN AC, NO REF, N60'18'11"E 0.17'
- ㊶

FOUND SPIKE W/ PUNCH, DN. 0.4' IN AC, PER (R18) N03'51'03"E 0.06'
- ㊷

FOUND SPIKE W/ PUNCH, FLUSH IN AC PER (R18), N03'51'03"E 0.18' (RADIAL)
- ㊸

FOUND MAG S&W STAMPED "CITY OF HB", FLUSH IN AC, NO REF, N49'39'36"W 0.36' (PRE-CONSTRUCTION CR 2016-2887, NO POST-CONSTRUCTION CR AVAILABLE)
- ㊹

FOUND 1" I.P. W/ TAG RCE 9983, PIPE LEANING 0.2' S'LY PER (R18), N03'51'02"E 0.23'
- ㊺

FOUND 2" I.P. W/ TAG LS 2681, DN. 0.6' IN AC PER (R27)
- ㊻

FOUND 1" I.P. NO TAG, DN. 0.8' IN DIRT PER (R18), N00'31'00"E 0.08'
- ㊼

FOUND PK N&W LS 5411 PER C.R. 2004-0148B, ACCEPTED AS 5' OFFSET FROM S.E. CNR. OF SEC. 22-5-11 PER (R20),
- ㊽

FOUND MAG NAIL & 1-1/2" WASHER LS 6970, FLUSH IN AC PER C.R. 2016-0627, ACCEPTED AS 5' OFFSET FROM THE E. 1/4 OF SEC. 22-5-11 PER (R22)
- ㊾

FOUND WELL MONUMENT WITH PUNCHED S&W LS 2911, DN. 0.9' PER CR 2007-2466 AND O.C.S. GPS #5106
- ㊿

FOUND MAG N&W LS 6970, FLUSH IN AC PER C.R. 2007-2469B
- ①

FOUND MAG S&W STAMPED "CITY OF HB" FLUSH IN AC, PER CR 2016-2882, N42'26'09"W 0.23'
- ②

FOUND MAG N&W LS 5411 PER C.R. 2016-0635, ACCEPTED AS CENTER SECTION OF SEC. OF 22-5-11 PER (R4)
- ③

FOUND 2" ALUMINUM CAP STAMPED RCE 27998, FLUSH IN AC, NO REF, N00'30'42"E 0.10' (PRE-CONSTRUCTION CR 2015-2370, NO POST-CONSTRUCTION CR AVAILABLE)
- ④

FOUND 2" ALUMINUM CAP STAMPED RCE 27998, FLUSH IN AC, NO REF, N00'30'42"E 0.06' (PRE-CONSTRUCTION CR 2015-2371, NO POST-CONSTRUCTION CR AVAILABLE)
- ⑤

FOUND 2" ALUMINUM CAP STAMPED RCE 27998, FLUSH IN AC, NO REF, N00'30'42" 0.08' (PRE-CONSTRUCTION CR 2015-2372, NO POST-CONSTRUCTION CR AVAILABLE)
- ⑥

FOUND 2" ALUMINUM CAP STAMPED RCE 27998, FLUSH IN AC, NO REF, N72'46'36"E 0.13' (PRE-CONSTRUCTION CR 2015-2373, NO POST-CONSTRUCTION CR AVAILABLE)
- ⑦

FOUND 2" ALUMINUM CAP STAMPED RCE 27998, FLUSH IN AC, N09'03'19"W 0.23' (RADIAL)
- ⑧

FOUND 2" ALUMINUM CAP STAMPED RCE 27998, FLUSH IN AC, NO REF, N12'26'22"E 0.26' (PRE-CONSTRUCTION CR 2015-2378, NO POST-CONSTRUCTION CR AVAILABLE)
- ⑨

FOUND 2" ALUMINUM CAP STAMPED RCE 27998, FLUSH IN AC, NO REF, N00'16'05"E 0.23' (PRE-CONSTRUCTION CR 2015-2378, NO POST-CONSTRUCTION CR AVAILABLE)
- ⑩

FOUND 2" ALUMINUM CAP STAMPED RCE 27998, FLUSH IN AC, NO REF, N00'15'16"E 0.25' (PRE-CONSTRUCTION CR 2015-2378, NO POST-CONSTRUCTION CR AVAILABLE)
- ⑪

FOUND 2" ALUMINUM CAP STAMPED RCE 27998, FLUSH IN AC, NO REF, N00'16'05"E 0.22' (PRE-CONSTRUCTION CR 2015-2378, NO POST-CONSTRUCTION CR AVAILABLE)
- ⑫

FOUND 2" ALUMINUM CAP STAMPED RCE 27998, FLUSH IN AC, NO REF, N00'16'05"E 0.27' (PRE-CONSTRUCTION CR 2015-2378, NO POST-CONSTRUCTION CR AVAILABLE)
- ⑬

FOUND MAG NAIL AND WASHER STAMPED LS 5411 FLUSH IN AC, PER CR 2005-0823, N55'37'31"E 0.20'
- ⑭

FOUND SPIKE W/ PUNCH, FLUSH IN AC, PER (R12)
- ⑮

FOUND SPIKE W/ PUNCH, FLUSH IN AC, ON E'LY LINE OF THE WEST 1/2 OF SW 1/4 OF THE SE 1/4 OF SEC 22-5-11 PER (R19) N00'16'52"E 0.09'
- ⑯

FOUND SPIKE W/ PUNCH, FLUSH IN AC, PER (R19) N00'31'00"E 0.10'
- ⑰

FOUND C-NAIL S 0.07' & W 0.02' OF ⑮ NO REF
- ⑱

FOUND PUNCHED S&W W/ 2 1/4" TIN, FLUSH IN AC PER (R19)
- ⑲

FOUND SPIKE W/ PUNCH, FLUSH IN AC, NO REF, N00'31'00"E 0.15'
- ㉑

FOUND SPIKE W/ PUNCH, FLUSH IN AC, NO REF, N00'31'00"E 0.13'

ESTABLISHMENT NOTES

- ①

ESTABLISHED AS THE SE CORNER OF THE WEST 1/2 OF THE SOUTHWEST 1/4 OF SEC 22-5-11 BY PROPORTION
- ②

ESTABLISHED AS THE NE CORNER OF THE WEST 1/2 OF THE SOUTHWEST 1/4 OF SEC 22-5-11 BY PROPORTION
- ③

ESTABLISHED AS THE E'LY LINE OF THE WEST 1/2 OF SW 1/4 OF SEC 22-5-11 BY LINE BETWEEN SE CORNER OF THE WEST 1/2 OF THE SOUTHWEST 1/4 OF SEC 22-5-11 (SEE ESTABLISHMENT NOTE ①) AND NE CORNER OF THE WEST 1/2 OF THE SOUTHWEST 1/4 OF SEC 22-5-11 (SEE ESTABLISHMENT NOTE ②)
- ④

ESTABLISHED AS THE NW CORNER OF THE SOUTH 1/2 OF THE SOUTHWEST 1/4 OF SEC 22-5-11 BY PROPORTION
- ⑤

ESTABLISHED AS THE NE CORNER OF THE S 1/2 OF THE SW 1/4 OF SEC 22-5-11 BY PROPORTION BETWEEN FOUND MONUMENTS ⑯ AND ⑭
- ⑥

ESTABLISHED AS THE NE'LY CORNER OF THE WEST 60 AC OF THE S 1/2 OF SW 1/4 SEC 22-5-11 PER (R5) BY INTERSECTION
- ⑦

ESTABLISHED AS THE SE'LY CORNER OF THE WEST 60 AC OF THE S 1/2 OF SW 1/4 SEC 22-5-11 PER (R5) BY INTERSECTION
- ⑧

ESTABLISHED AS THE E'LY LINE OF THE WEST 60 ACRES OF THE S 1/2 OF THE SW 1/4 OF SEC 22-5-11. HELD LINE PARALLEL WITH W'LY LINE OF SEC 22-5-11 THROUGH FOUND MONUMENT ⑭ SAID E'LY LINE ALSO BEING THE E'LY LINE OF TRACT NO. 4823 PER (R5)
- ⑨

ESTABLISHED AS THE NW CORNER OF THE E 1/2 OF THE SE 1/4 OF THE SW 1/4 OF SEC 22-5-11 BY PROPORTION
- ⑩

ESTABLISHED AS THE SW CORNER OF THE E 1/2 OF THE SE 1/4 OF THE SW 1/4 OF SEC 22-5-11 BY PROPORTION
- ⑪

ESTABLISHED AS THE W'LY LINE OF THE E 1/2 OF SE 1/4 OF THE SW 1/4 OF SEC 22-5-11 BY LINE BETWEEN THE NW CORNER OF THE E 1/2 OF THE SE 1/4 OF THE SW 1/4 OF SEC 22-5-11 (SEE ESTABLISHMENT NOTE ⑨) AND SW CORNER OF THE E 1/2 OF THE SE 1/4 OF THE SW 1/4 OF SEC 22-5-11 (SEE ESTABLISHMENT NOTE ⑩)
- ⑫

ESTABLISHED AS THE E'LY LINE OF THE WEST 13 1/3 RODS (220.00') OF THE EAST 1/2 OF THE SOUTHEAST 1/4 OF SEC 22-5-11 BY DISTANCE CALL AND PARALLEL LINE. PARALLEL LINE MEASURED FROM ESTABLISHED W'LY LINE OF E 1/2 OF THE SW 1/4 OF THE SW 1/4 OF SEC 22-5-11 (SEE ESTABLISHMENT NOTE ⑪) PER (R13)
- ⑬

SEARCHED, FOUND NOTHING. ACCEPTED AS E 1/4 CORNER OF SEC 22-5-11 PER (R21). ESTABLISHED BY SOUTHERLY PROLONGATION OF LINE BETWEEN MONUMENTS ⑩ AND ④ HOLDING RECORD DISTANCE PER (R22).
- ⑭

SEARCHED, FOUND NOTHING. ACCEPTED AS SE CORNER OF SEC 22-5-11 PER (R21). ESTABLISHED BY SOUTHERLY PROLONGATION OF LINE BETWEEN ESTABLISHED E 1/4 CORNER OF SEC 22-5-11 (SEE ESTABLISHMENT NOTE ⑬) AND MONUMENT ④ HOLDING RECORD DISTANCE PER (R24).
- ⑮

ESTABLISHED AS THE NE CORNER OF THE SOUTH 1/2 OF THE SOUTHEAST 1/4 OF SEC 22-5-11 BY PROPORTION
- ⑯

ESTABLISHED AS NORTHWEST CORNER OF EAST 1/2 OF SOUTHEAST 1/4 OF SEC 22-5-11 BY PROPORTION BETWEEN ESTABLISHED E 1/4 CORNER OF SEC 22-5-11 (SEE ESTABLISHMENT NOTE ⑭) AND FOUND MONUMENT ⑭.
- ⑰

ESTABLISHED AS THE W'LY LINE OF THE E 1/2 OF THE SE 1/4 OF SEC 22-5-11 BY LINE CREATED BETWEEN MONUMENT ⑦ AND ESTABLISHED NORTHWEST CORNER OF EAST 1/2 OF SOUTHEAST 1/4 OF SEC 22-5-11 (SEE ESTABLISHMENT NOTE ⑮)
- ⑱

ESTABLISHED AS THE NE CORNER OF THE SW 1/4 OF THE SE 1/4 OF SEC 22-5-11 BY INTERSECTION
- ⑲

ESTABLISHED AS THE NE CORNER OF THE W 1/2 OF THE SW 1/4 OF THE SE 1/4 OF SEC 22-5-11 BY PROPORTION
- ㉑

ESTABLISHED AS SOUTHEAST CORNER OF WEST 1/2 OF SW 1/4 OF SE 1/4 OF SEC 22-5-11 BY INTERSECTION. SOUTHERLY LINE OF SEC 22-5-11 WITH S'LY PROLONGATION OF LINE CREATED BETWEEN NE COR OF THE W 1/2 OF THE SW 1/4 OF THE SE 1/4 OF SEC 22-5-11 (SEE ESTABLISHMENT NOTE ⑲) AND MONUMENT ④
- ㉒

ESTABLISHED AS THE E'LY LINE OF THE WEST 1/2 OF SW 1/4 OF THE SE 1/4 OF SEC 22-5-11 BY LINE BETWEEN THE NE CORNER OF THE W 1/2 OF THE SW 1/4 OF THE SE 1/4 OF SEC 22-5-1 (SEE ESTABLISHMENT NOTE ⑲) AND SOUTHEAST CORNER OF WEST 1/2 OF SW 1/4 OF SE 1/4 OF SEC 22-5-11 (SEE ESTABLISHMENT NOTE ㉑)
- ㉓

ESTABLISHED AS THE S'LY LINE OF SEC 21-5-11 BY LINE BETWEEN MONUMENT ② AND ④.
- ㉔

HELD RECORD ANGLE PER (R16)
- ㉕

HELD RECORD DISTANCE AND PARALLEL TO S'LY LINE PER (R16)
- ㉖

ESTABLISHED THE SE'LY RIGHT OF WAY OF WARNER AVE BY HOLDING A LINE PARALLEL WITH A RECORD DISTANCE OF 60' PER R29 S'LY OF CENTERLINE ESTABLISHMENT ㉒
- ㉗

ESTABLISHED THE NE'LY RIGHT OF WAY OF WARNER AVE BY HOLDING A LINE PARALLEL WITH A RECORD DISTANCE OF 60' AS SHOWN BY R23 N'LY OF CENTERLINE ESTABLISHMENT ㉒ (PENDING FURTHER RESEARCH)
- ㉘

ESTABLISHED THE NW'LY RIGHT OF WAY OF WARNER AVE BY HOLDING A LINE PARALLEL WITH A RECORD DISTANCE OF 60' PER R1 N'LY OF CENTERLINE ESTABLISHMENT ㉒
- ㉙

ESTABLISHED AS THE NE CORNER OF LOT 9 OF TRACT NO. 5791 M.M. 236/20-23 HOLDING RECORD DISTANCE OF 77' PER R28 ALONG LINE ESTABLISHMENT ⑮ S'WLY FROM ESTABLISHMENT ③
- ㉚

ESTABLISHED THE SW'LY RIGHT OF WAY OF WARNER AVE BY HOLDING RECORD ANGLE PER R28 NW'LY FROM ESTABLISHMENT ㉒
- ㉛

ESTABLISHED THE N'LY & S'LY RIGHT OF WAY OF WARNER AVE BY HOLDING A LINE PARALLEL WITH A RECORD DISTANCE OF 30' PER R30 N'LY & S'LY OF CENTERLINE ESTABLISHMENT ㉒
- ㉜

ESTABLISHED INTERSECTION OF THE S'LY RIGHT OF WAY OF WARNER AVENUE & W'LY RIGHT OF WAY OF EAST GARDEN GROVE WINTERSBURG CHANNEL C05 BY INTERSECTION BETWEEN ESTABLISHMENT ⑮ AND ⑮
- ㉝

ESTABLISHED THE NW'LY RIGHT OF WAY OF EAST GARDEN GROVE WINTERSBURG CHANNEL C05 BY HOLDING A LINE CONCENTRIC WITH & A RECORD DISTANCE OF 98' PER R7 NW'LY OF CENTERLINE OF EAST GARDEN GROVE WINTERSBURG CHANNEL C05
- ㉞

ESTABLISHED THE SE'LY RIGHT OF WAY OF EAST GARDEN GROVE WINTERSBURG CHANNEL C05 BY HOLDING A LINE CONCENTRIC WITH & A RECORD DISTANCE OF 98' PER R7 SE'LY OF CENTERLINE OF EAST GARDEN GROVE WINTERSBURG CHANNEL C05
- ㉟

ESTABLISHED THE SE'LY RIGHT OF WAY OF EAST GARDEN GROVE WINTERSBURG CHANNEL C05 BY HOLDING A LINE CONCENTRIC WITH & A RECORD DISTANCE OF 98' PER R32 SE'LY OF CENTERLINE OF EAST GARDEN GROVE WINTERSBURG CHANNEL C05
- ㊱

ESTABLISHED THE NW'LY RIGHT OF WAY OF EAST GARDEN GROVE WINTERSBURG CHANNEL C05 BY HOLDING A LINE CONCENTRIC WITH & A RECORD DISTANCE OF 98' PER R32 NW'LY OF CENTERLINE OF EAST GARDEN GROVE WINTERSBURG CHANNEL C05
- ㊲

ESTABLISHED THE N'LY & S'LY RIGHT OF WAY OF WARNER AVE BY HOLDING A LINE PARALLEL WITH A RECORD DISTANCE OF 60' AS SHOWN BY R31 N'LY & S'LY OF CENTERLINE ESTABLISHMENT ㉒ (PENDING FURTHER RESEARCH FOR OFFICIAL RECORDS DOCUMENTS)
- ㊳

ESTABLISHED THE NW'LY RIGHT OF WAY OF WARNER AVE BY HOLDING A LINE PARALLEL WITH A RECORD DISTANCE OF 60' AS SHOWN BY ASSESSOR MAP 146-31 N'LY OF CENTERLINE ESTABLISHMENT ㉒ (PENDING RECEIPT OF TITLE REPORT)
- ㊴

ESTABLISHED THE CENTERLINE OF SPRINGDALE STREET BY HOLDING A LINE BETWEEN MONUMENT NOTES ④ & ⑦
- ㊵

ESTABLISHED INTERSECTION OF SPRINGDALE STREET & EAST GARDEN GROVE WINTERSBURG CHANNEL C05 BY INTERSECTION OF LINE ESTABLISHMENT ⑮ AND THE CENTERLINE OF EAST GARDEN GROVE WINTERSBURG CHANNEL C05
- ㊶

ESTABLISHED THE W'LY RIGHT OF WAY OF SPRINGDALE STREET BY HOLDING A LINE PARALLEL WITH A RECORD DISTANCE OF 50' PER R33 W'LY OF CENTERLINE ESTABLISHMENT ⑮
- ㊷

ESTABLISHED THE E'LY RIGHT OF WAY OF SPRINGDALE STREET BY HOLDING A LINE PARALLEL WITH A RECORD DISTANCE OF 50' PER R34 E'LY OF CENTERLINE ESTABLISHMENT ⑮
- ㊸

ESTABLISHED THE E'LY RIGHT OF WAY OF SPRINGDALE STREET BY HOLDING A LINE PARALLEL WITH A RECORD DISTANCE OF 50' PER R35 E'LY OF CENTERLINE ESTABLISHMENT ⑮
- ㊹

ESTABLISHED THE W'LY RIGHT OF WAY OF SPRINGDALE STREET BY HOLDING A LINE PARALLEL WITH A RECORD DISTANCE OF 50' AS SHOWN BY R23 W'LY OF CENTERLINE ESTABLISHMENT ⑮ (PENDING FURTHER RESEARCH)

ESTABLISHMENT NOTES

- ④④

ESTABLISHED THE W'LY & E'LY RIGHT OF WAY OF SPRINGDALE STREET BY HOLDING A LINE PARALLEL WITH A RECORD DISTANCE OF 30' PER R30 W'LY & E'LY OF CENTERLINE ESTABLISHMENT ⑮
- ④5

ESTABLISHED THE NW'LY & SE'LY RIGHT OF WAY OF EAST GARDEN GROVE WINTERSBURG CHANNEL C05 BY HOLDING A LINE CONCENTRIC WITH & A RECORD DISTANCE OF 98' PER R7 NW'LY & SE'LY OF CENTERLINE OF EAST GARDEN GROVE WINTERSBURG CHANNEL C05
- ④6

ESTABLISHED THE N'LY & S'LY RIGHT OF WAY OF EAST GARDEN GROVE WINTERSBURG CHANNEL C05 BY HOLDING A LINE PARALLEL WITH & A RECORD DISTANCE OF 98' PER R36 N'LY & S'LY OF CENTERLINE OF EAST GARDEN GROVE WINTERSBURG CHANNEL C05
- ④7

ESTABLISHED THE W'LY & E'LY RIGHT OF WAY OF WARNER AVE BY HOLDING A LINE PARALLEL WITH A RECORD DISTANCE OF 60' AS SHOWN BY R37 W'LY & E'LY OF CENTERLINE ESTABLISHMENT ⑮ (PENDING FURTHER RESEARCH FOR OFFICIAL RECORDS DOCUMENTS)
- ④8

ESTABLISHED THE CENTERLINE OF EDWARDS STREET BY HOLDING A LINE BETWEEN MONUMENT NOTES ⑯ & ⑮
- ④9

ESTABLISHED THE E'LY RIGHT OF WAY OF EDWARDS STREET BY HOLDING A LINE PARALLEL WITH A RECORD DISTANCE OF 50' PER R6 E'LY OF CENTERLINE ESTABLISHMENT ⑮
- ⑤0

ESTABLISHED THE E'LY RIGHT OF WAY OF EDWARDS STREET BY HOLDING A LINE PARALLEL WITH A RECORD DISTANCE OF 50' PER R12 E'LY OF CENTERLINE ESTABLISHMENT ⑮
- ⑤1

ESTABLISHED THE W'LY & E'LY RIGHT OF WAY OF EDWARDS STREET BY HOLDING A LINE PARALLEL WITH A RECORD DISTANCE OF 40' AS SHOWN R38 W'LY & E'LY OF CENTERLINE ESTABLISHMENT ⑮ (PENDING FURTHER RESEARCH FOR OFFICIAL RECORDS DOCUMENTS)
- ⑤2

ESTABLISHED THE W'LY & E'LY RIGHT OF WAY OF EDWARDS STREET BY HOLDING A LINE PARALLEL WITH A RECORD DISTANCE OF 50' AS SHOWN BY R39 W'LY & E'LY OF CENTERLINE ESTABLISHMENT ⑮ (PENDING FURTHER RESEARCH FOR OFFICIAL RECORDS DOCUMENTS)

REFERENCES

- (R1) TRACT MAP NO. 4243, M.M. 162/49-50

(R21) TRACT MAP NO. 4381 M.M. 156/44-45
- (R2) PARCEL MAP, P.M.B. 27/39

(R22) RECORD OF SURVEY, R.S.B. 258/36
- (R3) TRACT MAP NO. 4882, M.M. 173/45-48

(R23) PARCEL MAP, P.M.B. 27/39
- (R4) RECORD OF SURVEY, R.S.B. 129/21

(R24) RECORD OF SURVEY 2007-1107, R.S.B. 221/30
- (R5) TRACT MAP NO. 4823, M.M. 191/31-32

(R25) TRACT MAP NO. 6087, M.M. 222/23-24
- (R6) TRACT MAP NO. 7321, M.M. 285/6-7

(R26) RECORD OF SURVEY. R.S.B. 166/49
- (R7) O.R. 5711/162-167

(R27) PARCEL MAP, P.M.B. 5/2
- (R8) O.R. 5546/543-545

(R28) TRACT MAP NO. 5791 M.M. 236/20-23
- (R9) O.R. 5530/369

(R29) O.R. 9010-691
- (R11) O.R. 5546/543-545

(R30) STEARNS RANCHO T.I. 264339 EX.2
- (R12) TRACT MAP NO. 7318, M.M. 286/49-50

(R31) BRIDGE WIDENING PERMIT NO.05767
- (R13) O.R. 5342/218

(R32) O.R. 5646/935-937
- (R14) O.R. 5803/27-33

(R33) TRACT NO. 4243 M.M 162/49-50
- (R15) O.R. 5711/155

(R34) TRACT NO. 4882 M.M 173/45-48
- (R16) O.R. 5171/338

(R35) O.R. 8926/724
- (R17) TRACT MAP NO. 7289, M.M. 284/19-20

(R37) BRIDGE WIDENING PERMIT NO.05469
- (R18) TRACT MAP NO. 4051, M.M. 151/19-20

(R38) ASSESSOR MAP APN:146-581-02
- (R19) TRACT MAP NO. 7498, M.M. 287/9-10

(R39) BRIDGE WIDENING PERMIT NO.24470
- (R20) PARCEL MAP NO. 87-130, P.M.B. 229/5-7

HORIZONTAL DATUM

COORDINATES SHOWN ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2007.00) EPOCH ADJUSTMENT.

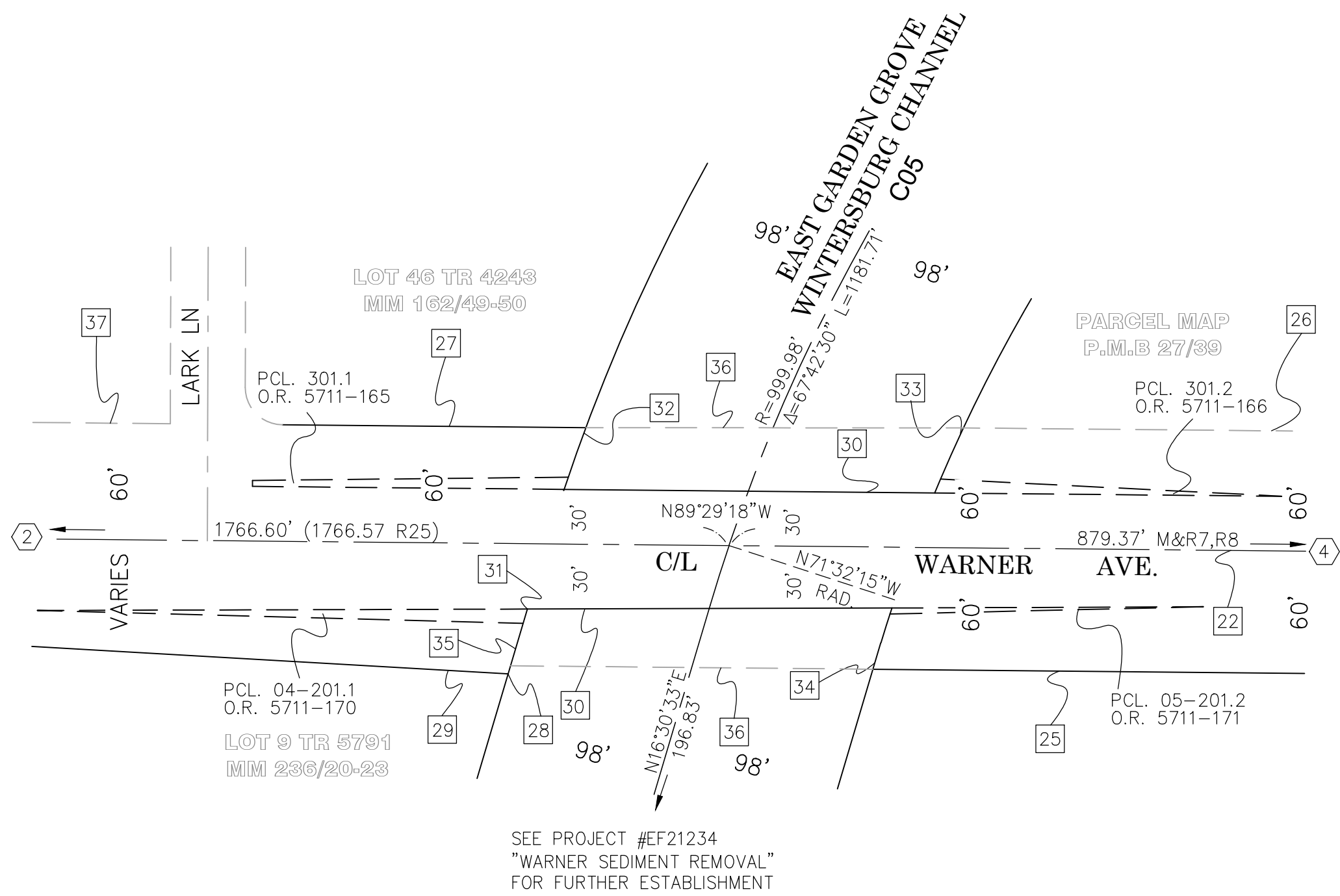
ALL DISTANCES SHOWN ARE GRID, UNLESS OTHERWISE NOTED. TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCE BY A COMBINED FACTOR OF 0.99998096

ALL DISTANCES ARE BASED ON THE U.S. SURVEY FOOT.

BASIS OF BEARINGS

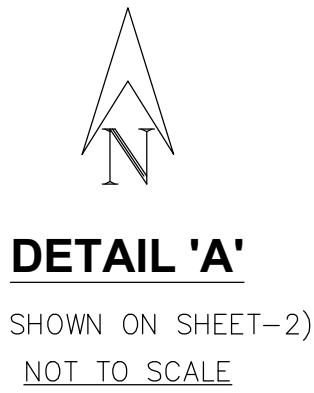
THE BASIS OF BEARINGS FOR THIS SURVEY IS BASED ON THE CALIFORNIA COORDINATE SYSTEM (CCS83), ZONE VI, NAD 83, OCS (2007.00) EPOCH ADJUSTMENT, AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING STATIONS CGPS STATIONS (FVPK) AND (BLSA) BEING NORTH 28°33'38.74" WEST AS DERIVED FROM THE COORDINATES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC) ALONG WITH DATA SHEETS ON FILE IN THE OFFICE OF THE ORANGE COUNTY SURVEYOR.

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
			POST CONSTRUCTION ASBUILT	
			4 BOUNDARY SHEET	
			PROJECT LIMITS: FROM C05 CHANNEL FROM STA 101 + 52 TO STA 152 + 01	
			DATE OF SURVEY:	05/03/2023
			MAPPING	BY: R. CASANAVE
			OFFICE CHECK	BY: H. AFTIM
			FIELD CHECK	BY: T. LOFGREEN, PLS
			SCALE: N.T.S.	W.O. #EE17400N FILE #2122PW-FP0001
			FILE: C05 WINTERSBURG CHANNEL BOUNDARY_EDWARDS 2023.DWG	
MARK	DATE	ITEM		
			REVISIONS	

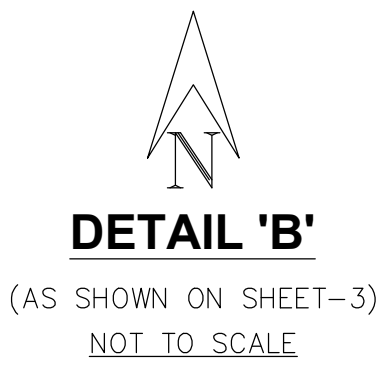
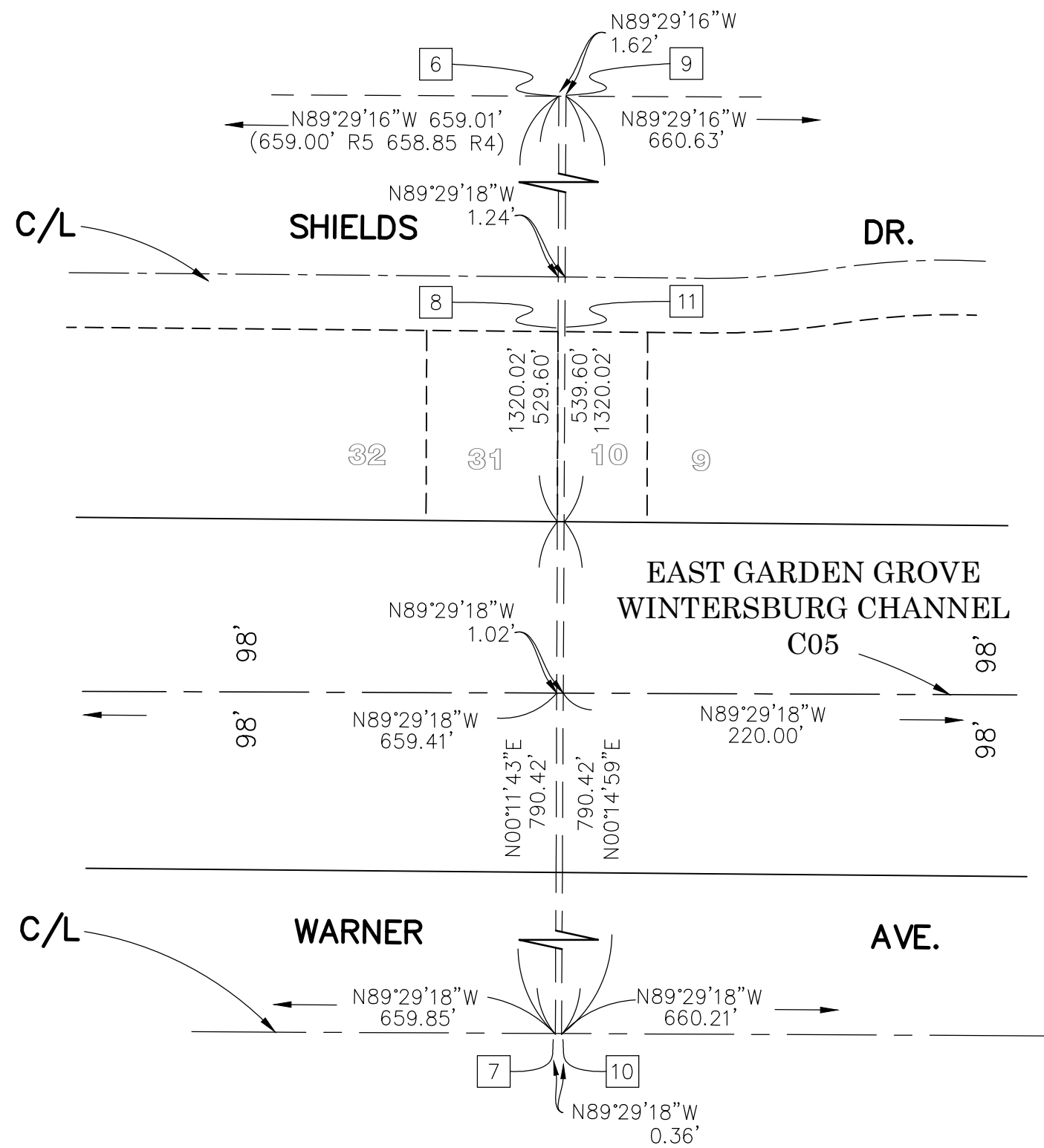


NOTE

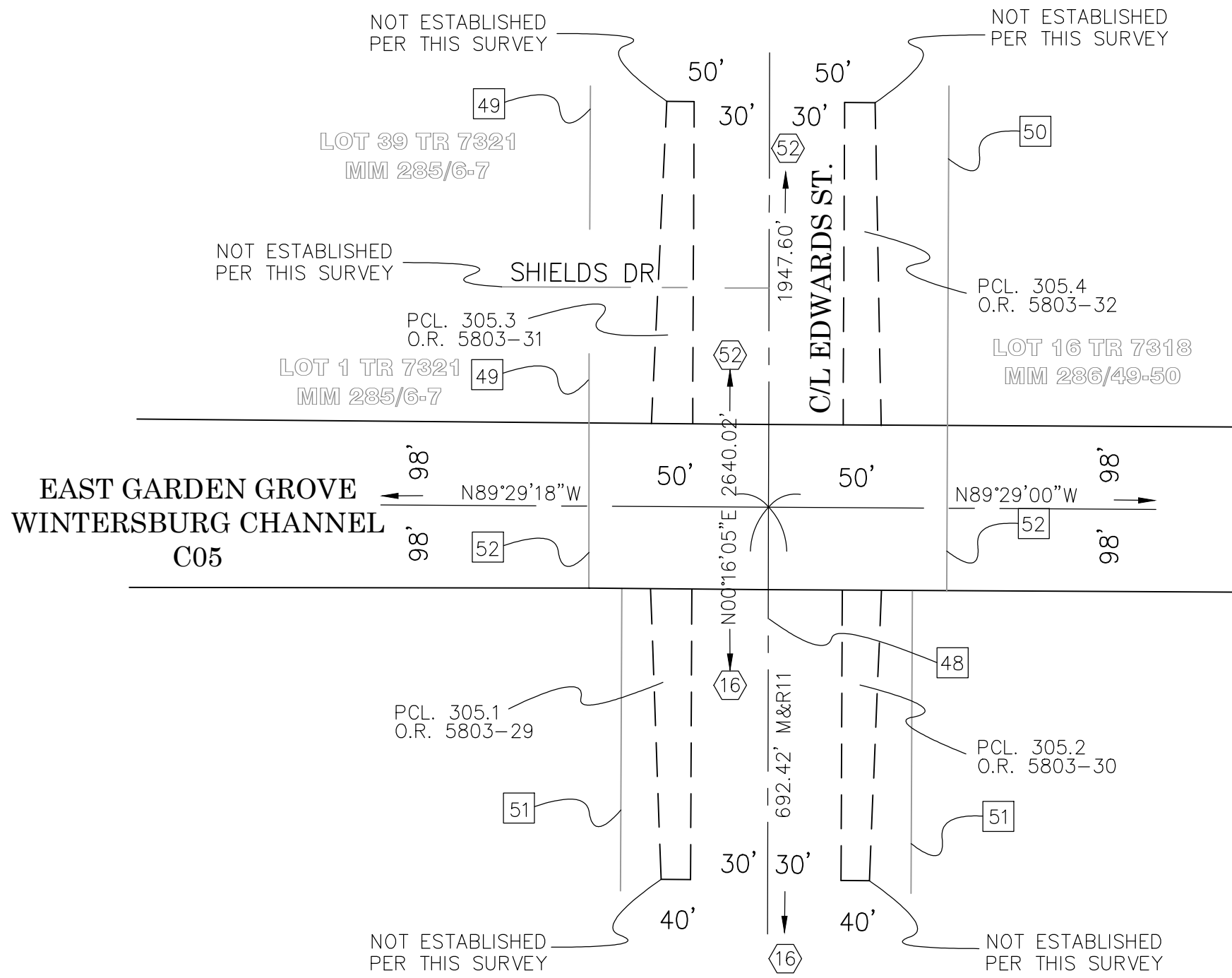
PARCELS 301.1, 301.2, 04-201.1, & 05-201.2 SHOWN HEREON ARE SHOWN FOR GRAPHICAL PURPOSES ONLY. THEY REPRESENT SLOPE EASEMENTS TO ACCOMMODATE THE CHANNEL WHEN WARNER AVE WAS ONLY 60' WIDE. THEY ARE NOW A "MOOT POINT" SINCE THE RIGHT OF WAY HAS BEEN WIDENED HOWEVER THEY ARE PLOTTED BECAUSE NO OFFICIAL RECORD CAN BE FOUND EXTINGUISHING THEM.



(AS SHOWN ON SHEET-2)
NOT TO SCALE

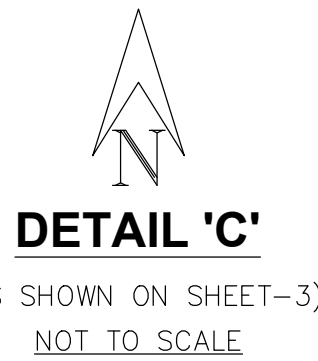


(AS SHOWN ON SHEET-3)
NOT TO SCALE



NOTE

PARCELS 305.1 THROUGH 305.4 SHOWN HEREON ARE SHOWN FOR GRAPHICAL PURPOSES ONLY. THEY REPRESENT SLOPE EASEMENTS TO ACCOMMODATE THE CHANNEL WHEN EDWARDS ST. WAS ONLY 60' WIDE. THEY ARE NOW A "MOOT POINT" SINCE THE RIGHT OF WAY HAS BEEN WIDENED HOWEVER THEY ARE PLOTTED BECAUSE NO OFFICIAL RECORD CAN BE FOUND EXTINGUISHING THEM.



(AS SHOWN ON SHEET-3)
NOT TO SCALE

REFERENCES

- | | | | |
|---|---|---|---------------------------------------|
| (R1) TRACT MAP NO. 4243, M.M. 162/49-50 | (R12) TRACT MAP NO. 7318, M.M. 286/49-50 | (R22) RECORD OF SURVEY, R.S.B. 258/36 | (R32) O.R. 5646/935-937 |
| (R2) PARCEL MAP, P.M.B. 27/39 | (R13) O.R. 5342/218 | (R23) PARCEL MAP, P.M.B. 27/39 | (R33) TRACT NO. 4243 M.M 162/49-50 |
| (R3) TRACT MAP NO. 4882, M.M. 173/45-48 | (R14) O.R. 5803/27-33 | (R24) RECORD OF SURVEY 2007-1107, R.S.B. 221/30 | (R34) TRACT NO. 4882 M.M 173/45-48 |
| (R4) RECORD OF SURVEY, R.S.B. 129/21 | (R15) O.R. 5711/155 | (R25) TRACT MAP NO. 6087, M.M. 222/23-24 | (R35) O.R. 8926/724 |
| (R5) TRACT MAP NO. 4823, M.M. 191/31-32 | (R16) O.R. 5171/338 | (R26) RECORD OF SURVEY. R.S.B. 166/49 | (R37) BRIDGE WIDENING PERMIT NO.05469 |
| (R6) TRACT MAP NO. 7321, M.M. 285/6-7 | (R17) TRACT MAP NO. 7289, M.M. 284/19-20 | (R27) PARCEL MAP, P.M.B. 5/2 | (R38) ASSESSOR MAP APN:146-581-02 |
| (R7) O.R. 5711/162-167 | (R18) TRACT MAP NO. 4051, M.M. 151/19-20 | (R28) TRACT MAP NO. 5791 M.M. 236/20-23 | (R39) BRIDGE WIDENING PERMIT NO.24470 |
| (R8) O.R. 5546/543-545 | (R19) TRACT MAP NO. 7498, M.M. 287/9-10 | (R29) O.R. 9010-691 | |
| (R9) O.R. 5530/369 | (R20) PARCEL MAP NO. 87-130, P.M.B. 229/5-7 | (R30) STEARNS RANCHO T.I. 264339 EX.2 | |
| (R11) O.R. 5546/543-545 | (R21) TRACT MAP NO. 4381 M.M. 156/44-45 | (R31) BRIDGE WIDENING PERMIT NO.05767 | |

			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING				
			POST CONSTRUCTION ASBUILT				
			5 BOUNDARY SHEET				
			PROJECT LIMITS: FROM C05 CHANNEL FROM STA 101 + 52 TO STA 152 + 01				
			DATE OF SURVEY:		05/03/2023		SHEET NO. 5 of 13
			MAPPING		BY: R. CASANAVE		
			OFFICE CHECK		BY: H. AFTIM		
			FIELD CHECK		BY: T. LOFGREEN, PLS		
			SCALE: N.T.S.		W.O. #EE17400N		
			REVISIONS		FILE #2122PW-PP0001		
		FILE: C05 WINTERSBURG CHANNEL BOUNDARY_EDWARDS 2023.DWG					
MARK	DATE	ITEM					

LEGEND

SYMBOL

	Benchmark
	Bus Stop Enclosure
	Bush
	Control Point
	Fire Hydrant
	Gate, Double
	Gate, Single
	Guy Wire Anchor
	Guy Wire Pole
	Manhole Sewer
	Manhole Undefined
	Monitor Well
	Pier Column
	Pilaster
	Post
	Pull Box Cable TV
	Sign Board
	Sign Post
	Tree
	Tree, Palm
	Utility Pole, Underground
	Water Line Appurtenance-Air Release

LINE PATTERN KEY

	Block Wall
	Building Outline
	Bush Row Outline
	Centerline
	Concrete Wall
	Concrete Pile Cap W/ Cable Fence
	Edge of Concrete
	Edge of Asphalt Pavement
	Exposed Pipe
	Fence Chainlink
	Flowline
	Grade Line
	Hinge Point
	Overhead Utility Wire
	Right of Way
	Striping
	Stucco Wall
	Vinyl Cap

AREA PATTERN KEY

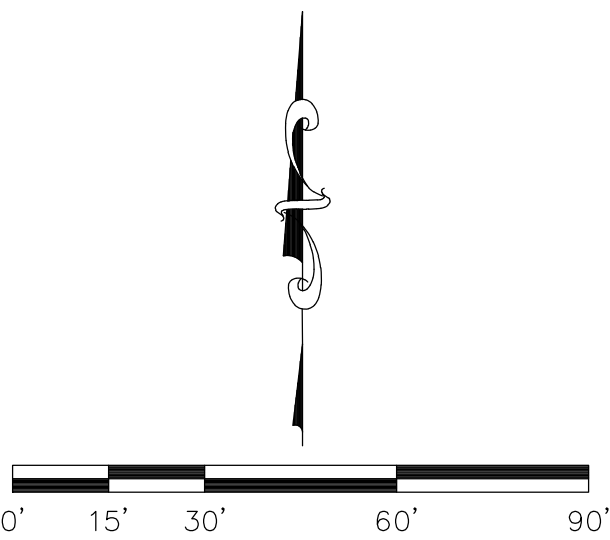
	Concrete
	Brick
	Dirt
	Grass
	Crushed Aggregate Base
	Rip Rap

ABBREVIATION

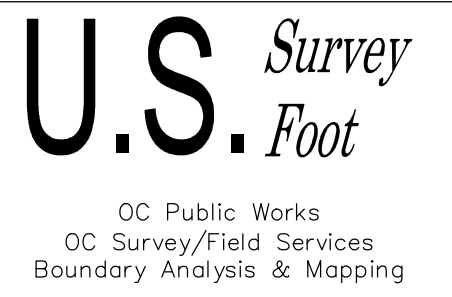
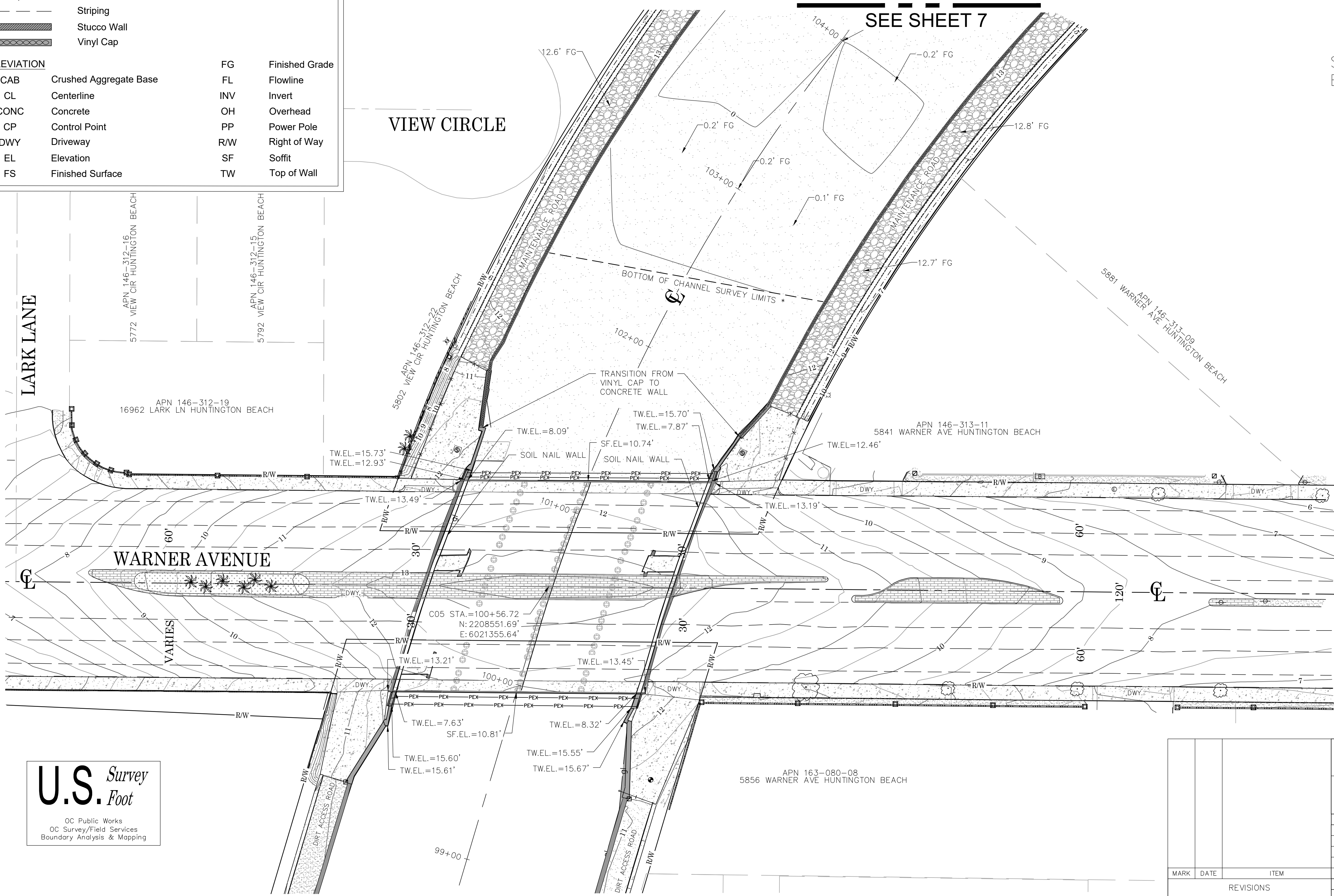
CAB	Crushed Aggregate Base	FG	Finished Grade
CL	Centerline	FL	Flowline
CONC	Concrete	INV	Invert
CP	Control Point	OH	Overhead
DWY	Driveway	PP	Power Pole
EL	Elevation	R/W	Right of Way
FS	Finished Surface	SF	Soffit
		TW	Top of Wall

VIEW CIRCLE

SEE SHEET 7



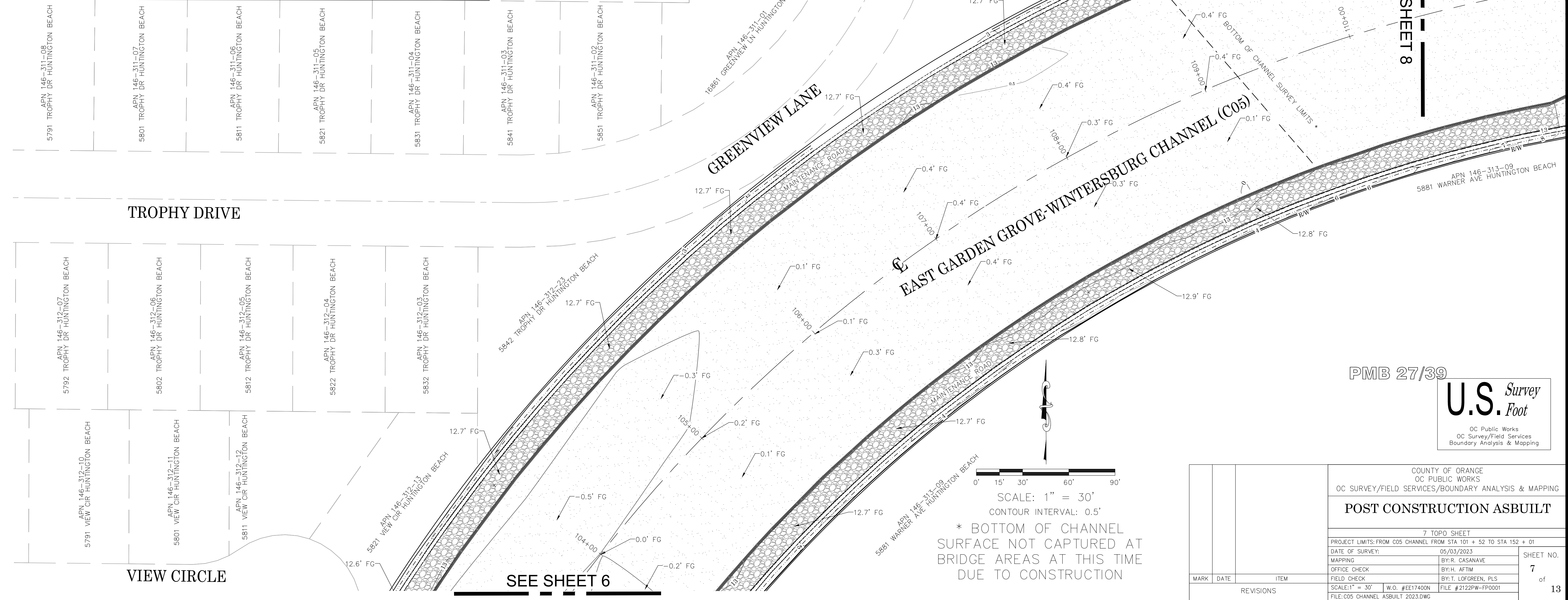
SCALE: 1" = 30'
CONTOUR INTERVAL: 0.5'
* BOTTOM OF CHANNEL SURFACE NOT CAPTURED AT BRIDGE AREAS AT THIS TIME DUE TO CONSTRUCTION



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			POST CONSTRUCTION ASBUILT			
			6 TOPO SHEET			
			PROJECT LIMITS: FROM C05 CHANNEL FROM STA 101 + 52 TO STA 152 + 01			
			DATE OF SURVEY:		05/03/2023	SHEET NO. 6 of 16
			MAPPING		BY: R. CASANAVE	
			OFFICE CHECK		BY: H. AFTIM	
			FIELD CHECK		BY: T. LOFGREEN, PLS	
			SCALE: 1" = 30'		W.O. #EE17400N	
					FILE #2122PW-FP0001	
MARK	DATE	ITEM	FILE: C05 CHANNEL ASBUILT 2023.DWG			
REVISIONS						

LEGEND

SYMBOL		LINE PATTERN KEY		AREA PATTERN KEY	
	Benchmark		Block Wall		Concrete
	Bus Stop Enclosure		Building Outline		Brick
	Bush		Bush Row Outline		Dirt
	Control Point		Centerline		Grass
	Fire Hydrant		Concrete Wall		Crushed Aggregate Base
	Gate, Double		Concrete Pile Cap W/ Cable Fence		Rip Rap
	Gate, Single		Edge of Concrete		
	Guy Wire Anchor		Edge of Asphalt Pavement		
	Guy Wire Pole		Exposed Pipe		
	Manhole Sewer		Flowline		
	Manhole Undefined		Grade Line		
	Monitor Well		Hinge Point		
	Pier Column		Overhead Utility Wire		
	Pilaster		Right of Way		
	Post		Striping		
	Pull Box Cable TV		Stucco Wall		
	Sign Board		Vinyl Cap		
	Sign Post				
	Tree				
	Tree, Palm				
	Utility Pole, Underground				
	Water Line Appurtenance-Air Release				
		ABBREVIATION		FG	Finished Grade
		CAB	Crushed Aggregate Base	FL	Flowline
		CL	Centerline	INV	Invert
		CONC	Concrete	OH	Overhead
		CP	Control Point	PP	Power Pole
		DWY	Driveway	R/W	Right of Way
		EL	Elevation	SF	Soffit
		FS	Finished Surface	TW	Top of Wall

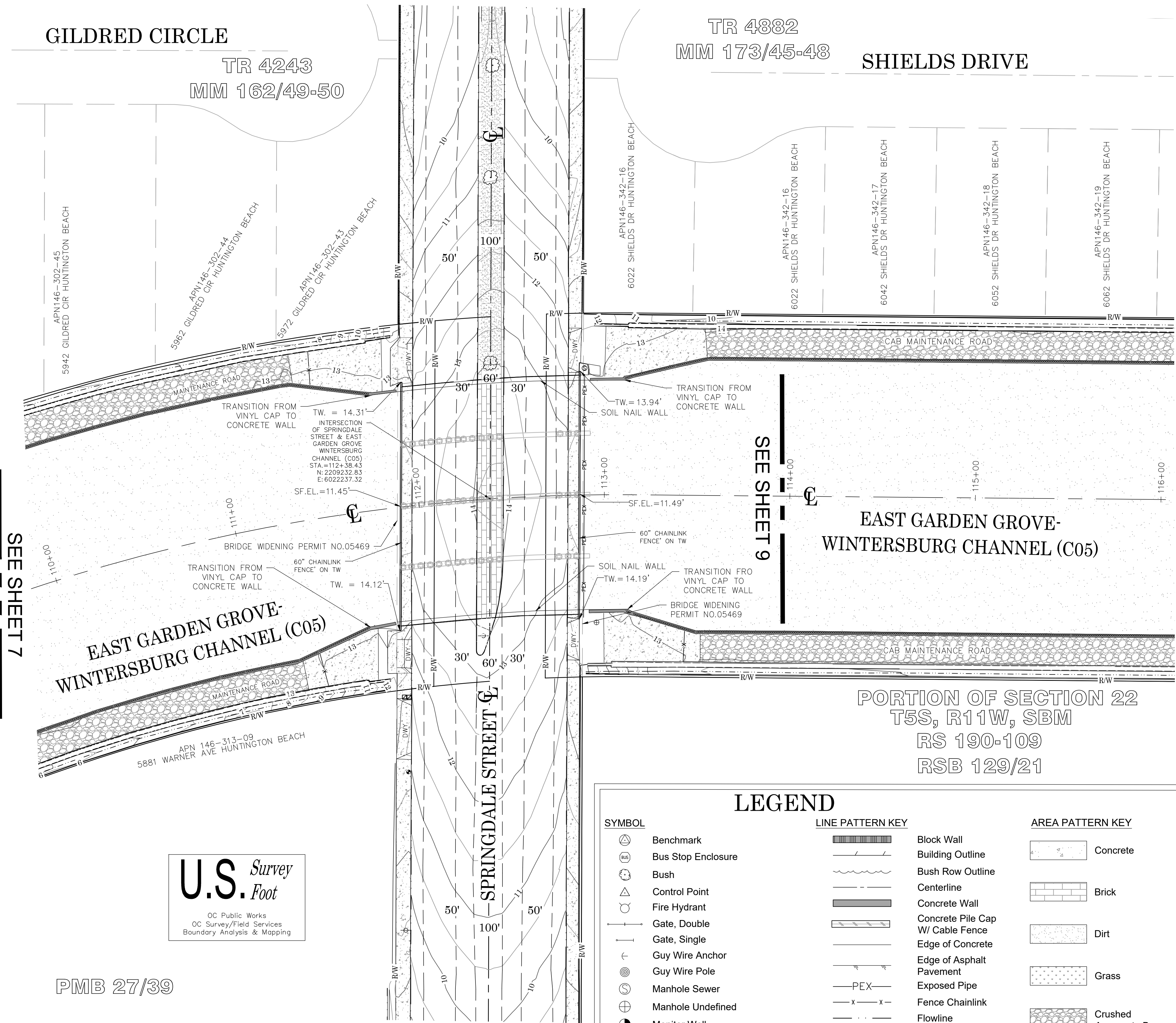


PMB 27/39

U.S. Survey
Foot

OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING	
		POST CONSTRUCTION ASBUILT	
		7 TOPO SHEET	
		PROJECT LIMITS: FROM C05 CHANNEL FROM STA 101 + 52 TO STA 152 + 01	
		DATE OF SURVEY:	05/03/2023
		MAPPING	BY: R. CASANAVE
		OFFICE CHECK	BY: H. AFTM
		FIELD CHECK	BY: T. LOFGREEN, PLS
		SCALE: 1" = 30'	W.O. #EE17400N
		FILE: C05 CHANNEL ASBUILT 2023.DWG	FILE #2122PW-FP0001
MARK	DATE	ITEM	SHEET NO.
REVISIONS			7 of 13

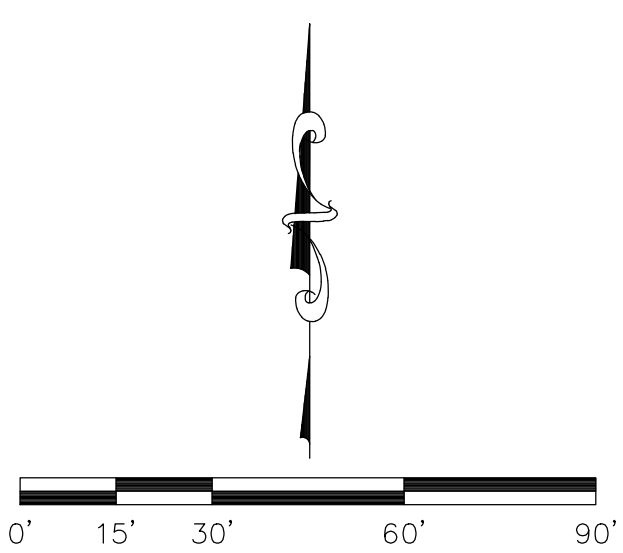


SEE SHEET 7

SEE SHEET 9

U.S. Survey Foot
OC Public Works
OC Survey/Field Services
Boundary Analysis & Mapping

PMB 27/39



SCALE: 1" = 30'

CONTOUR INTERVAL: 0.5'

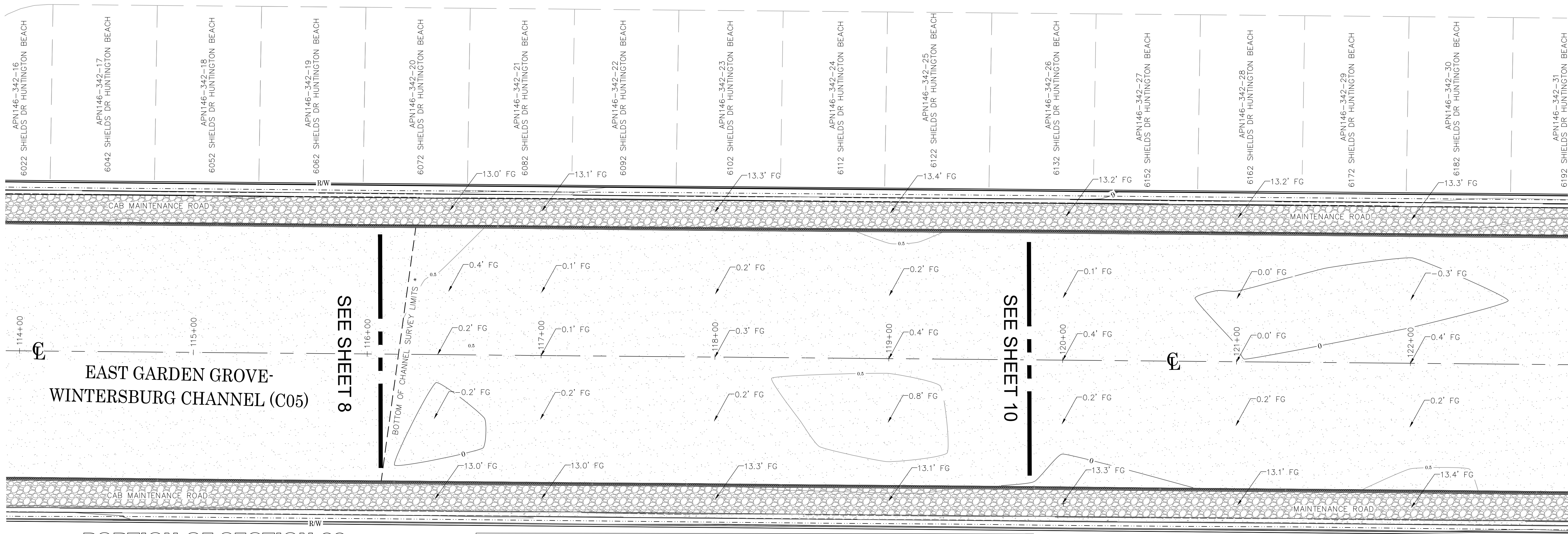
* BOTTOM OF CHANNEL
SURFACE NOT CAPTURED AT
BRIDGE AREAS AT THIS TIME
DUE TO CONSTRUCTION

LEGEND

SYMBOL	LINE PATTERN KEY	AREA PATTERN KEY
	ABBREVIATION	
	CAB Crushed Aggregate Base	FG Finished Grade
	CL Centerline	FL Flowline
	CONC Concrete	INV Invert
	CP Control Point	OH Overhead
	DWY Driveway	PP Power Pole
	EL Elevation	R/W Right of Way
	FS Finished Surface	SF Soffit
		TW Top of Wall

COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			POST CONSTRUCTION ASBUILT	
8 TOPO SHEET			PROJECT LIMITS: FROM C05 CHANNEL FROM STA 101 + 52 TO STA 152 + 01	
DATE OF SURVEY: 05/03/2023			SHEET NO. 8 of 13	
MAPPING BY: R. CASANAVE			OFFICE CHECK BY: H. AFTIM	
FIELD CHECK BY: T. LOFGREEN, PLS			SCALE: 1" = 30' W.O. #EE17400N FILE #2122PW-FP0001	
REVISIONS			FILE: C05 CHANNEL ASBUILT 2023.DWG	

SHIELDS DRIVE

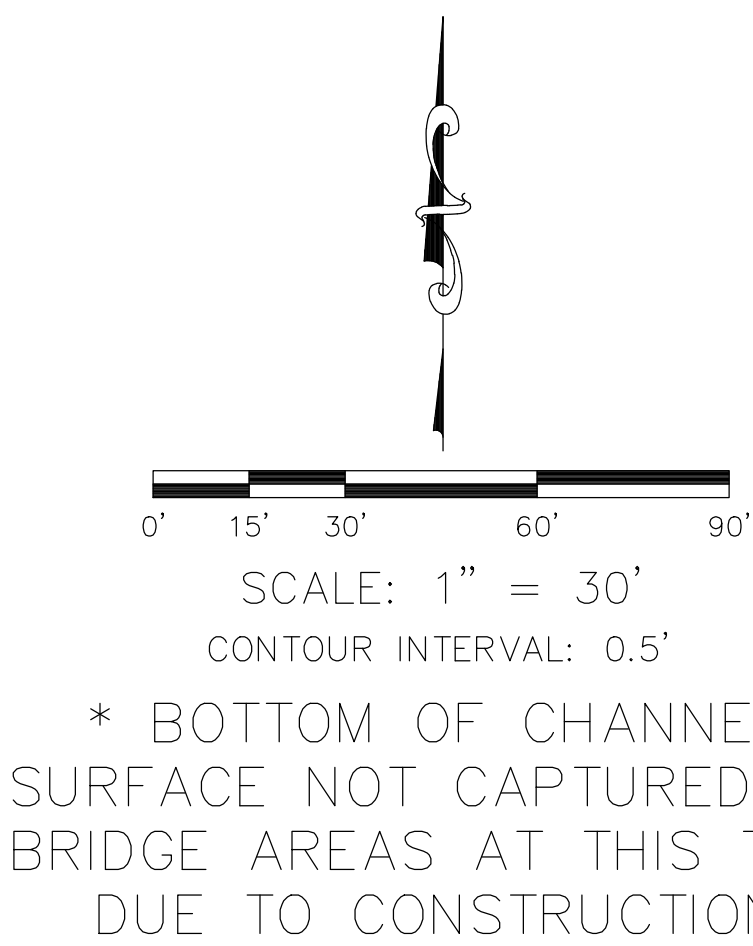


EAST GARDEN GROVE-
WINTERSBURG CHANNEL (C05)

PORTION OF SECTION 22
T5S, R11W, SBM
RS 190-109
RSB 129/21

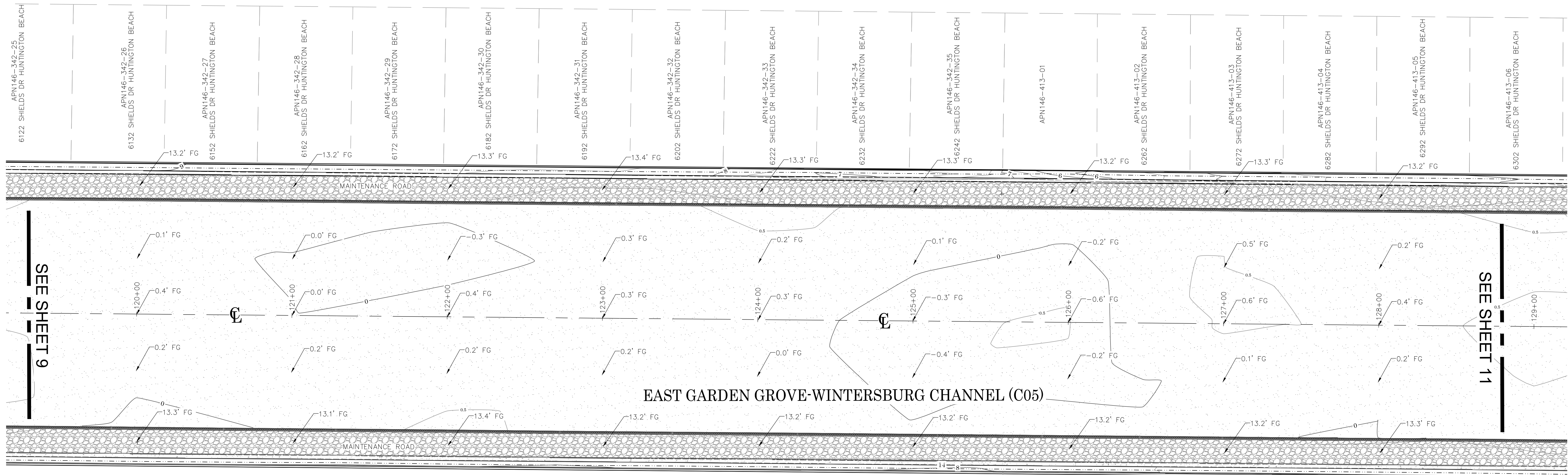
LEGEND

SYMBOL	LINE PATTERN KEY	AREA PATTERN KEY
	ABBREVIATION	
	CAB Crushed Aggregate Base	FG Finished Grade
	CL Centerline	FL Flowline
	CONC Concrete	INV Invert
	CP Control Point	OH Overhead
	DWY Driveway	PP Power Pole
	EL Elevation	R/W Right of Way
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		TW Top of Wall



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			POST CONSTRUCTION ASBUILT			
			9 TOPO SHEET			
			PROJECT LIMITS: FROM C05 CHANNEL FROM STA 101 + 52 TO STA 152 + 01			
			DATE OF SURVEY:		05/03/2023	
			MAPPING		BY: R. CASANAVE	
			OFFICE CHECK		BY: H. AFTEM	
			FIELD CHECK		BY: T. LOFGREEN, PLS	
MARK	DATE	ITEM	SCALE: 1" = 30'		W.O. #EE17400N	FILE #2122PW-FP0001
REVISIONS			FILE: C05 CHANNEL ASBUILT 2023.DWG			
					SHEET NO. 9 of 13	

SHIELDS DRIVE



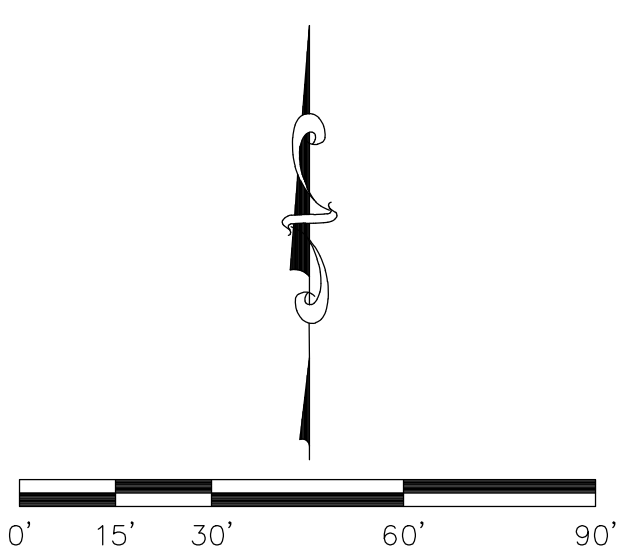
LEGEND

SYMBOL	LINE PATTERN KEY	AREA PATTERN KEY

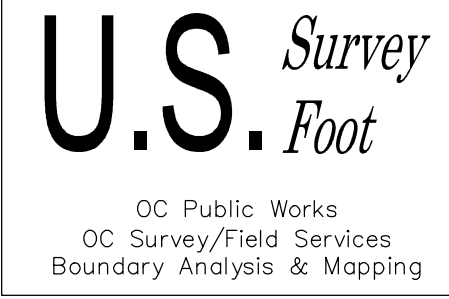
ABBREVIATION	FG
CAB	Crushed Aggregate Base
CL	Centerline
CONC	Concrete
CP	Control Point
DWY	Driveway
EL	Elevation
FS	Finished Surface

FG	FL
Finished Grade	Flowline
INV	Invert
OH	Overhead
PP	Power Pole
R/W	Right of Way
SF	Soffit
TW	Top of Wall

PORTION OF SECTION 22
T5S, R11W, SBM
RS 190-109
RSB 129/21



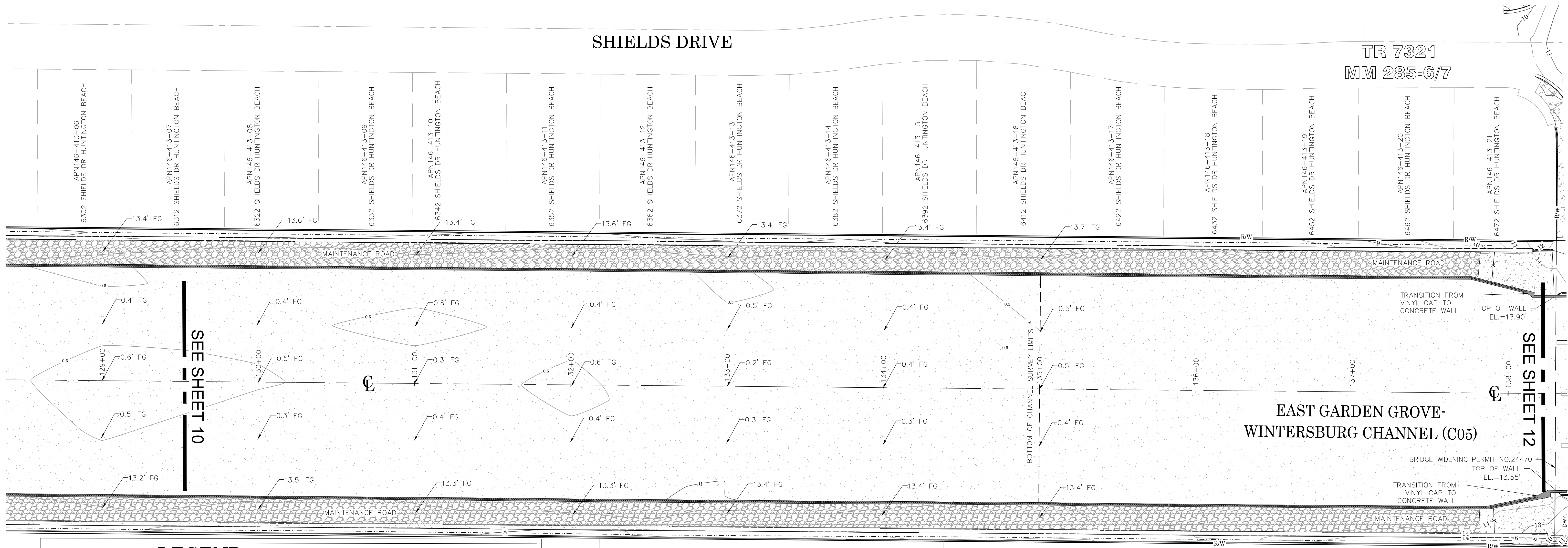
* BOTTOM OF CHANNEL
SURFACE NOT CAPTURED AT
BRIDGE AREAS AT THIS TIME
DUE TO CONSTRUCTION



			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING		
			POST CONSTRUCTION ASBUILT		
			10 TOPO. SHEET		
			PROJECT LIMITS: FROM C05 CHANNEL FROM STA 101 + 52 TO STA 152 + 01		
			DATE OF SURVEY:	05/03/2023	SHEET NO. 10 of 13
			MAPPING	BY: R. CASANAVE	
			OFFICE CHECK	BY: H. AFTEM	
			FIELD CHECK	BY: T. LOFGREEN, PLS	
MARK	DATE	ITEM	SCALE: 1" = 30'	W.O. #EE17400N	FILE # 2122PW-FP0001
REVISIONS			FILE: C05 CHANNEL ASBUILT 2023.DWG		

SHIELDS DRIVE

TR 7321
MM 285-6/7

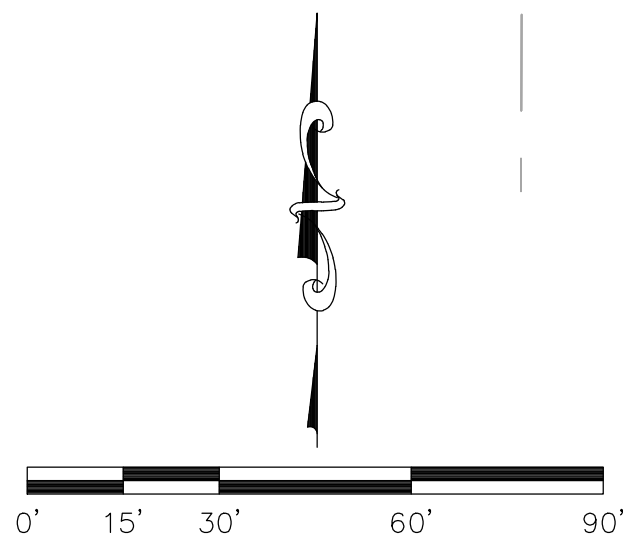


LEGEND

SYMBOL	LINE PATTERN KEY	AREA PATTERN KEY

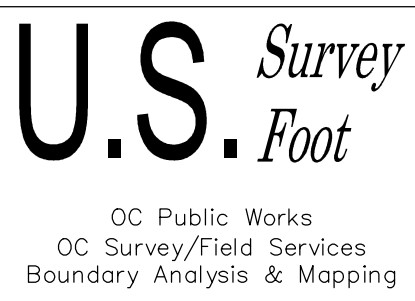
ABBREVIATION	FG
CAB	Crushed Aggregate Base
CL	Centerline
CONC	Concrete
CP	Control Point
DWY	Driveway
EL	Elevation
FS	Finished Surface

FG	FL	INV	OH	PP	R/W	SF	TW
Finished Grade	Flowline	Invert	Overhead	Power Pole	Right of Way	Soffit	Top of Wall

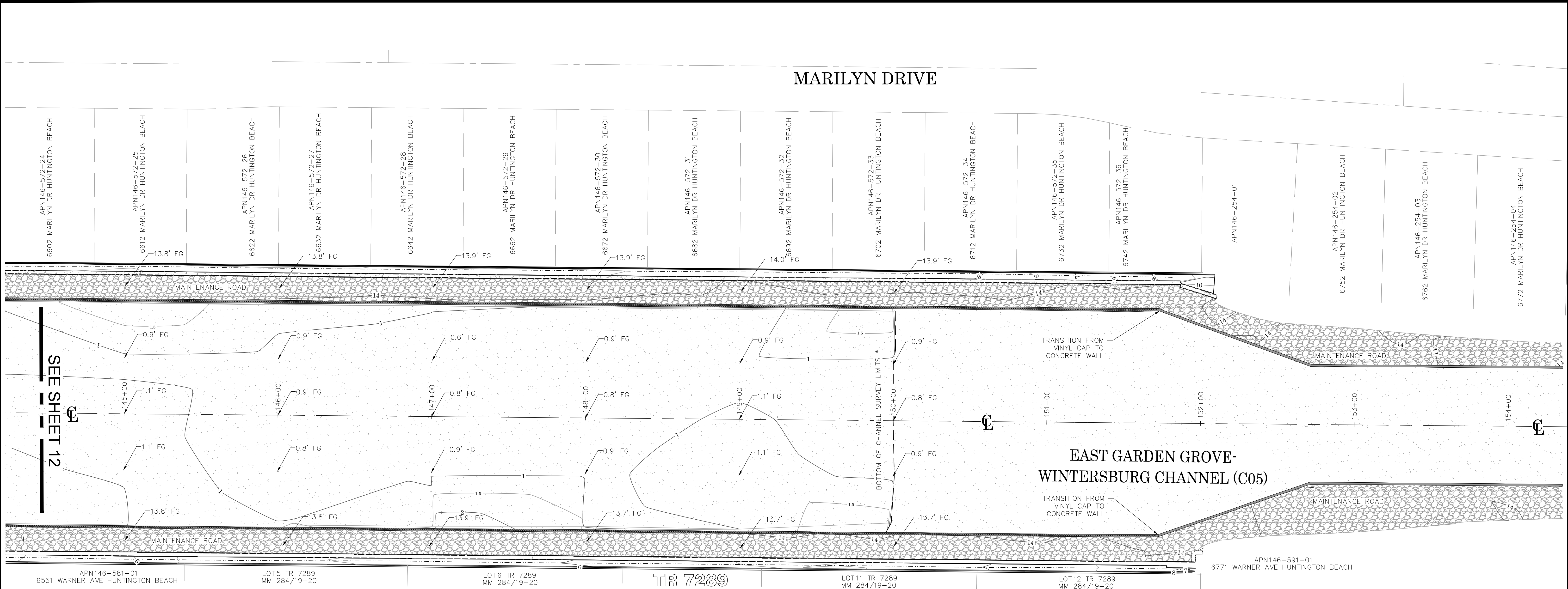


SCALE: 1" = 30'
CONTOUR INTERVAL: 0.5'

* BOTTOM OF CHANNEL
SURFACE NOT CAPTURED AT
BRIDGE AREAS AT THIS TIME
DUE TO CONSTRUCTION



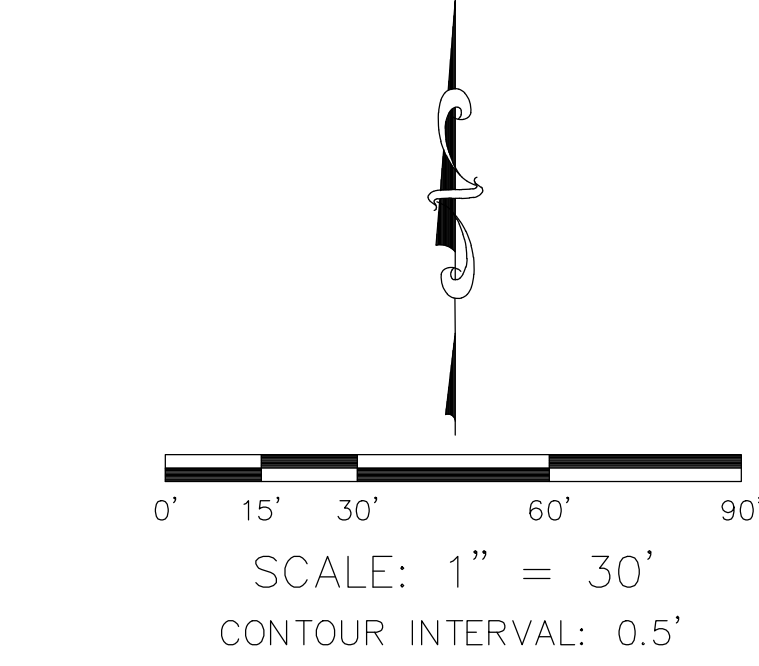
		COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
		POST CONSTRUCTION ASBUILT			
		11 TOPO SHEET			
		PROJECT LIMITS: FROM C05 CHANNEL FROM STA 101 + 52 TO STA 152 + 01			
		DATE OF SURVEY: 05/03/2023		SHEET NO. 11 of 13	
		MAPPING BY: R. CASANAVE			
		OFFICE CHECK BY: H. AFTIM			
		FIELD CHECK BY: T. LOFGREEN, PLS		FILE: #2122PW-FP0001	
		SCALE: 1" = 30' W.O. #EE17400N			
		FILE: C05 CHANNEL ASBUILT 2023.DWG			
MARK	DATE	ITEM	REVISIONS		



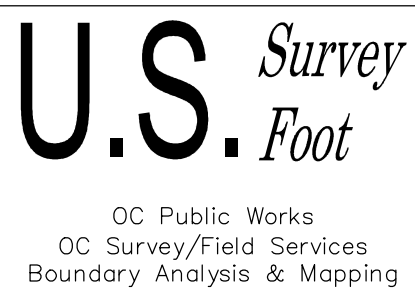
LEGEND

SYMBOL		LINE PATTERN KEY		AREA PATTERN KEY	
	Benchmark		Block Wall		Concrete
	Bus Stop Enclosure		Building Outline		Brick
	Bush		Bush Row Outline		Dirt
	Control Point		Centerline		Grass
	Fire Hydrant		Concrete Wall		Crushed Aggregate Base
	Gate, Double		Concrete Pile Cap W/ Cable Fence		Rip Rap
	Gate, Single		Edge of Concrete		
	Guy Wire Anchor		Edge of Asphalt Pavement		
	Guy Wire Pole		Exposed Pipe		
	Manhole Sewer		Fence Chainlink		
	Manhole Undefined		Flowline		
	Monitor Well		Grade Line		
	Pier Column		Hinge Point		
	Pilaster		Overhead Utility Wire		
	Post		Right of Way		
	Pull Box Cable TV		Striping		
	Sign Board		Stucco Wall		
	Sign Post		Vinyl Cap		
	Tree				
	Tree, Palm				
	Utility Pole, Underground				
	Water Line Appurtenance-Air Release				

ABBREVIATION		FG	
CAB	Crushed Aggregate Base	FL	Flowline
CL	Centerline	INV	Invert
CONC	Concrete	OH	Overhead
CP	Control Point	PP	Power Pole
DWY	Driveway	R/W	Right of Way
EL	Elevation	SF	Soffit
FS	Finished Surface	TW	Top of Wall



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			COUNTY OF ORANGE OC PUBLIC WORKS OC SURVEY/FIELD SERVICES/BOUNDARY ANALYSIS & MAPPING			
			POST CONSTRUCTION ASBUILT			
			13 TOPO SHEET			
			PROJECT LIMITS: FROM C05 CHANNEL FROM STA 101 + 52 TO STA 152 + 01			
			DATE OF SURVEY:		05/03/2023	SHEET NO. 13 of 13
			MAPPING		BY: R. CASANAVE	
			OFFICE CHECK		BY: H. AFTM	
			FIELD CHECK		BY: T. LOFGREEN, PLS	
			SCALE: 1" = 30'		W.O. #EE17400N	
MARK	DATE	ITEM	REVISIONS		FILE #2122PW-FP0001	
			FILE: C05 CHANNEL ASBUILT 2023.DWG			