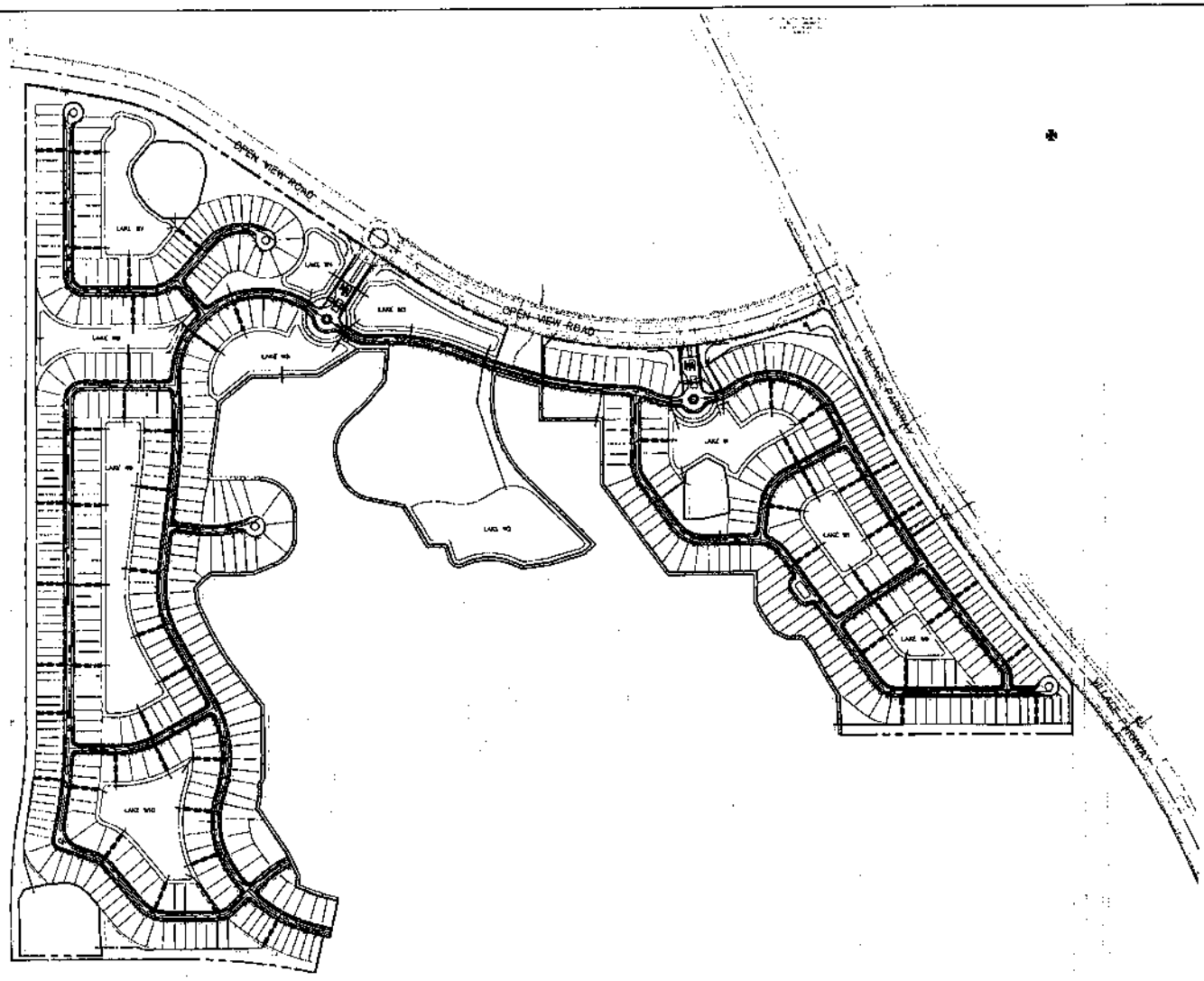

NORTH

GRAPHIC SCALE IN FEET
0 125 250 500

KEY MAP

LEGEND

PROPERTY LINE
EXISTING CONTOUR
PROPOSED CONTOUR
PROPOSED SLOPE
PROPOSED SPOT GRADE
PROPOSED STORM STRUCTURE (SEE DRAINAGE STRUCTURE SCHEDULE)
PROPOSED STORM PIPE
PROPOSED STORM INLET
PROPOSED STORM MANHOLE
FLOW DIRECTION
ASPHALT
BRICK PAVERS

NOTES:

1. MINIMUM CROWN OF ROAD = 28.00'
   MINIMUM FINISHED FLOOR ELEV = 29.00'
   CONTROL WATER ELEVATION = 20.00' NAVD 88'
2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES BEYOND THE STRUCTURAL UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR CORRECT. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. ALL ELEVATIONS REFERENCED ARE N NAVD 88'
5. EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
6. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
7. ALL STORM SEWER MANHOLE & INLET AREAS SHALL BE FLUSH WITH PAVEMENT AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. USE SHALL BE LABELLED "STORM SEWER".
8. CONTRACTOR SHALL ADJUST AND/OR SET EXISTING MANHOLES AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A MINIMUM STAND OF VEGETATION IS OBTAINED.
10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND OR CONSTRUCTION TO SAME.
11. GENERAL CONTRACTOR TO SEE STRUCTURES AND SUBMIT SHOP DRAWINGS TO ENGINEERING FOR VERIFICATION PRIOR TO ORDERING.

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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DIAL 811

811

SUNSHINE STATE ONE CALL OF FLORIDA, INC.

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST. LUCIE FLORIDA

MASTER PAVING, GRADING, AND DRAINAGE PLAN

SHEET NUMBER
C-200

Kimley»Horn

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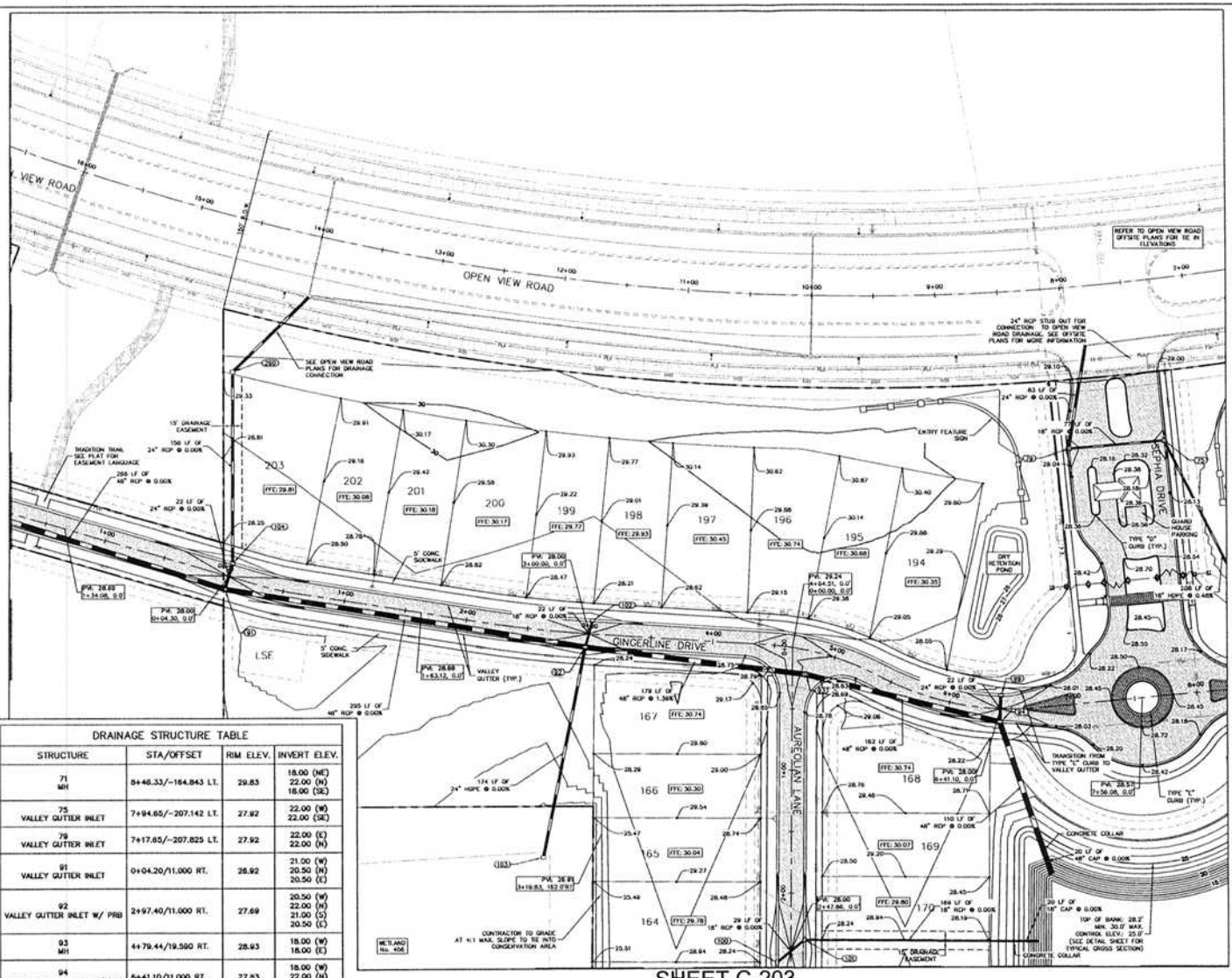
412 SW 2ND STREET, S. E. 100, VERO BEACH, FL 32962
PHONE: 772-794-4152
WWW.KIMLEY-HORN.COM CA 00000696

REVISIONS			
			BY

KHA PROJECT 041997022	
DATE	07/15/2016
SCALE AS SHOWN	
DESIGNED BY	AJS
DRAWN BY	MJB
CHECKED BY	RKC

SEWER PROFESSIONAL
RANK : PE,SAM
STATE LICENSE NUMBER
75487
DATE



DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
71 MH	5+46.33/-164.843 LT.	29.83	18.00 (NE) 22.00 (N) 18.00 (SE)
75 VALLEY GUTTER INLET	7+94.65/-207.142 LT.	27.92	22.00 (W) 22.00 (SE)
79 VALLEY GUTTER INLET	7+17.65/-207.825 LT.	27.92	22.00 (E) 22.00 (N)
91 VALLEY GUTTER INLET	0+04.20/11.000 RT.	26.92	21.00 (W) 20.50 (N) 20.50 (E)
92 VALLEY GUTTER INLET W/ PRB	2+97.40/11.000 RT.	27.69	20.50 (W) 22.00 (N) 21.00 (S) 20.50 (E)
93 MH	4+79.44/19.590 RT.	28.93	18.00 (W) 18.00 (E)
94 VALLEY GUTTER INLET W/ PRB	6+41.10/11.000 RT.	27.83	18.00 (W) 22.00 (N) 18.00 (S)
99 VALLEY GUTTER INLET	6+41.10/-11.000 LT.	27.83	22.00 (S)
100 VALLEY GUTTER INLET	2+57.08/11.000 RT.	27.72	22.00 (NE)
101 VALLEY GUTTER INLET W/ PRB	2+38.24/-11.000 LT.	27.72	22.00 (SW) 22.00 (E)
102 VALLEY GUTTER INLET	3+02.06/-11.000 LT.	27.69	22.00 (S)
103 TYPE "C" INLET	2+78.57/183.953 RT.	28.00	21.00 (N)

DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
104 VALLEY GUTTER INLET	0+04.34/-11.000 LT.	27.68	20.50 (S) 20.50 (N)
260 TYPE "C" INLET	0+39.08/180.746 RT.	29.33	20.50 (S) 20.00 (NE)

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

KEY MAP

LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- X.XX PROPOSED CONTOUR
- X.XX PROPOSED SLOPE
- X.XX PROPOSED SPOT GRADE
- XX PROPOSED STORM STRUCTURE (SEE DRAINAGE STRUCTURE SCHEDULE)
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- FLOW DIRECTION
- ASPHALT
- BRICK PAVERS

NOTES:

1. MINIMUM CROWN OF ROAD = 28.00'
   MINIMUM FINISHED FLOOR ELEV. = 29.50'
   CONTROL WATER ELEVATION = 25.00' NAVD 88'
2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. ALL ELEVATIONS REFERENCED ARE IN NAVD 88'
5. EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
6. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
8. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
11. GENERAL CONTRACTOR TO SIZE STRUCTURES AND SUBMIT SHOP DRAWINGS TO ENGINEERING FOR VERIFICATION PRIOR TO ORDERING.

CITY OF PORT ST. LUCIE PROJECT # P16 - 120

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811 Know what's below. Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

No.	REVISIONS	DATE	BY

Kimley»Horn
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PHONE: 772-794-4100
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LICENSED PROFESSIONAL: KRAIN F. HUSKANY
STATE LICENSE NUMBER: 75481

KHA PROJECT 047897020
DATE 07/15/2016
SCALE AS SHOWN
DESIGNED BY AAS
DRAWN BY MJP
CHECKED BY KFH

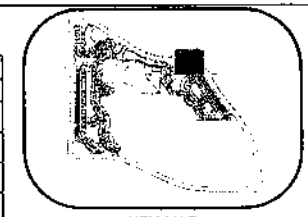
PAVING, GRADING, AND DRAINAGE PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-201

DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
50 TYPE "C" INLET	11+39.45/-167.087 LT.	29.68	21.00 (S)
51 VALLEY GUTTER INLET	11+38.48/-11.000 LT.	27.73	21.00 (N) 21.00 (SE)
52 VALLEY GUTTER INLET W/ PRB	11+60.31/11.000 RT.	27.73	21.00 (NW) 21.00 (S)
53 VALLEY GUTTER INLET	14+78.03/11.000 RT.	27.72	21.62 (E) 21.62 (SW)
54 MH W/ PRB	14+77.03/181.415 RT.	25.93	20.72 (NE) 20.72 (W)
56 VALLEY GUTTER INLET	14+94.06/-10.061 LT.	27.74	22.00 (W)
57 MH	17+56.46/-171.000 LT.	30.18	18.00 (NW)
58 MH	13+40.20/-268.570 LT.	29.81	18.00 (SE) 18.00 (W)

DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
69 MH	12+21.32/-225.788 LT.	28.68	18.00 (E) 18.00 (W)
70 MH	10+34.92/-177.886 LT.	29.77	18.00 (E) 18.00 (SW)
72 MH W/ PRB	9+07.29/-6.000 LT.	28.11	18.00 (NW) 18.00 (S)
74 VALLEY GUTTER INLET	9+37.25/-191.301 LT.	28.57	22.00 (S)
76 VALLEY GUTTER INLET	8+71.03/-11.000 LT.	27.65	21.00 (NW) 21.00 (S)
77 VALLEY GUTTER INLET	8+83.08/11.015 RT.	27.84	21.00 (N) 21.00 (S)
250 MH	14+98.28/-174.853 LT.	29.48	18.00 (SE) 18.00 (NW)
371 (CS-1)	8+81.12/47.724 RT.	28.50	18.00 (N) 18.00 (S)



KEY MAP

LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- 0.00 PROPOSED CONTOUR
- X.XX PROPOSED SLOPE
- X.XX PROPOSED SPOT GRADE
- XX PROPOSED STORM STRUCTURE (SEE DRAINAGE STRUCTURE SCHEDULE)
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- FLOW DIRECTION
- ASPHALT
- BRICK PAVERS

NOTES:

1. MINIMUM CROWN OF ROAD = 28.00'
   MINIMUM FINISHED FLOOR ELEV = 29.50'
   CONTROL ELEVATION = 22.00' NAVD 88'
2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES, INCLUDING REMOVAL OF ANY EXISTING UTILITIES. SURVEY THE STRUCTURE UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
3. THE CONTRACTOR IS SPECIFICALLY CALLED TO THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENT TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS HAVING LOCATED ON CONFLICTS. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. ALL ELEVATIONS REFERENCED ARE N.G.V.D. 88'
5. EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
6. ALL STORM PIPE, EXISTING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 1' ABOVE FINISH GRADE. SEE SHEET C-6 LABELED "STORM SEWER".
8. CONTRACTOR SHALL ADJUST AND/OR SLIT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH DEVELOPING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE CONDITIONS CLOSED AND BE CONSTRUCTED TO SAME.
11. GENERAL CONTRACTOR TO SIZE STRUCTURES AND SUBMIT SHOP DRAWINGS TO ENGINEERING FOR VERIFICATION PRIOR TO ORDERING.

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

SHEET C-201

SHEET C-204

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CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

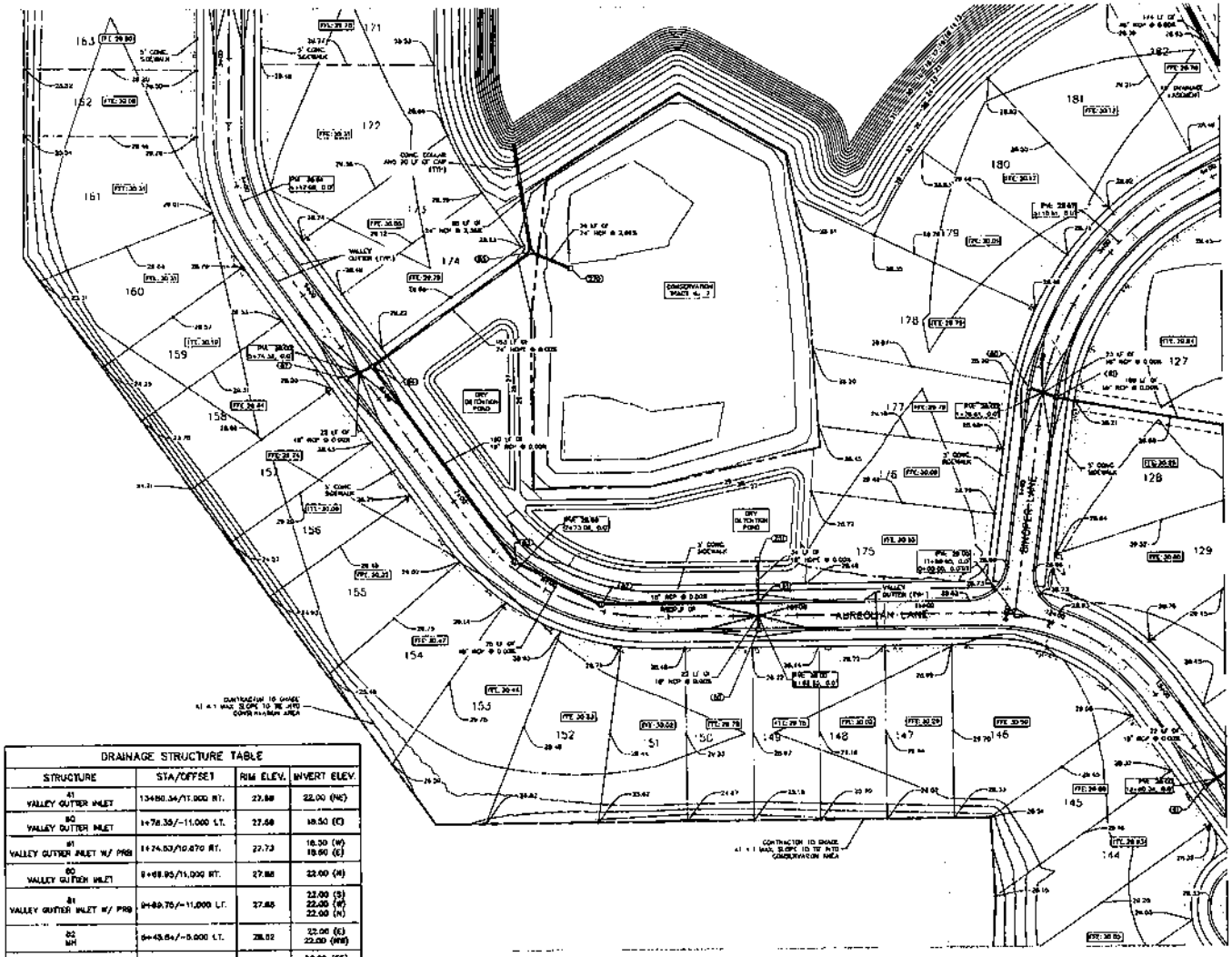
Kimley»Horn

PAVING, GRADING, AND DRAINAGE PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST. LUCIE, FLORIDA

SHEET NUMBER
C-202

SHEET C-201



DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
41 VALLEY GUTTER INLET	13+50.34/11.000 RT.	23.00	22.00 (NE)
80 VALLEY GUTTER INLET	1+78.35/-11.000 LT.	27.68	18.50 (E)
81 VALLEY GUTTER INLET W/ PRB	1+74.03/10.870 RT.	27.73	18.50 (W) 18.60 (E)
60 VALLEY GUTTER INLET	0+68.95/11.000 RT.	27.88	22.00 (N)
81 VALLEY GUTTER INLET W/ PRB	0+89.75/-11.000 LT.	27.88	22.00 (S) 22.00 (W) 22.00 (N)
82 MH	0+43.64/-5.000 LT.	28.02	22.00 (E) 22.00 (NW)
83 MH	7+87.78/-5.000 LT.	28.87	22.00 (SE) 22.00 (NW)
84 VALLEY GUTTER INLET	5+78.32/-11.000 LT.	27.68	22.00 (SE) 22.00 (SW) 22.00 (NE)
85 MH W/ PRB	5+76.32/-165.669 LT.	27.71	22.00 (SW) 22.00 (N) 22.00 (SE)
87 VALLEY GUTTER INLET	5+72.42/11.000 RT.	27.68	22.00 (NE)
201 TYPE "C" INLET	8+09.89/-44.885 LT.	27.00	23.00 (S)
270 TYPE "D" INLET	8+05.20/-101.138 LT.	28.00	21.00 (NW)

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

KEY MAP

LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- X.XX PROPOSED CONTOUR
- X.XX PROPOSED GRADE
- X.XX PROPOSED SPOT GRADE
- PROPOSED STORM STRUCTURE (SEE DRAINAGE STRUCTURE SCHEDULE)
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- FLOW DIRECTION
- ASPHALT
- BRICK PAVERS

NOTES:
1. MINIMUM CROWN OF ROAD = 26.00'
   MINIMUM FINISHED FLOOR ELEV. = 28.50'
   CONTROL WATER ELEVATION = 18.50' NAVD 88'
2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING ASPHALT, INCLUDING REMOVAL OF ANY EXISTING UTILITIES BEHIND THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, VERIFICATION IS MADE IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. ALL ELEVATIONS REFERENCED ARE IN NAVD 88'
5. EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
6. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE TRAFFIC RATED PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 1' ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
8. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH CONTRACT SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE CONTRACT COSTS AND BE CONSTRUCTED TO SPEC.
11. ACTUAL CONTRACTOR TO SIZE STRUCTURES AND SUBMIT SHOP DRAWINGS TO ENGINEERING FOR VERIFICATION PRIOR TO ORDERING.

CITY OF PORT ST. LUCIE PROJECT # P16 - 120

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445 24th STREET, S.E., SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA 00000696

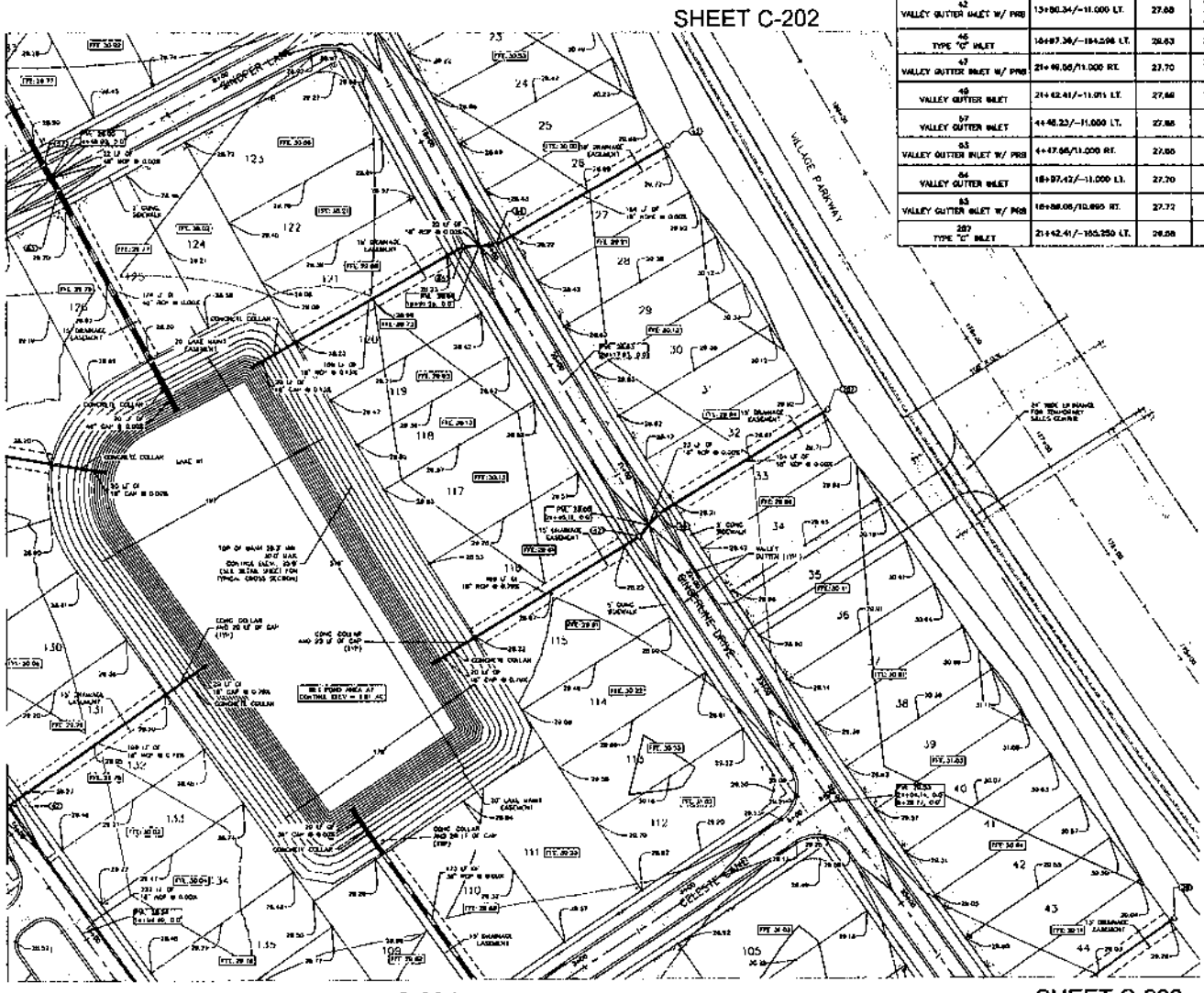
REVISIONS	DATE	BY

SCALE: HORIZONTAL 1"=30' VERTICAL N/A
FILE: 2016_NAME 75.DWG
KLN PROJECT: 042165100
DATE: 07/25/2016
SCALE: AS SHOWN
DESIGNED: MJS
DRAWN BY: N/A
CHECKED BY: P.M.
SHEET: C-2

PAVING, GRADING, AND DRAINAGE PLAN

DevWebb
AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

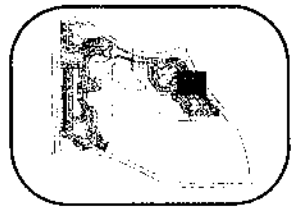
SHEET # IN PLAN SET
C-203



DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
28 TYPE "C" INLET	29+32.44/-184.607 LT.	29.84	24.00 (SW)
42 VALLEY GUTTER INLET W/ PRS	13+80.34/-11.000 LT.	27.68	22.00 (SW) 22.00 (SE) 22.00 (NE)
46 TYPE "C" INLET	16+87.36/-184.098 LT.	28.63	20.75 (SW)
47 VALLEY GUTTER INLET W/ PRS	21+46.06/11.000 RT.	27.70	22.00 (SW) 22.00 (NE)
48 VALLEY GUTTER INLET	21+62.41/-11.015 LT.	27.66	22.00 (SW) 20.75 (NE)
57 VALLEY GUTTER INLET	4+46.23/-11.000 LT.	27.85	17.25 (SE) 17.25 (NW)
63 VALLEY GUTTER INLET W/ PRS	4+47.06/11.000 RT.	27.85	17.25 (NW) 17.25 (SE)
64 VALLEY GUTTER INLET	18+97.42/-11.000 LT.	27.70	20.75 (NE) 20.75 (W)
65 VALLEY GUTTER INLET W/ PRS	18+86.06/10.895 RT.	27.72	20.75 (E) 20.75 (SW)
287 TYPE "C" INLET	21+42.41/-165.250 LT.	28.08	20.75 (SW)

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



KEY MAP

LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SLOPE
- PROPOSED SPOT GRADE
- PROPOSED STORM STRUCTURE (SEE DRAINAGE STRUCTURE SCHEDULE)
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- FLOW DIRECTION
- ASPHALT
- BRICK PAVERS

NOTES:

1. MINIMUM CHEMICAL OF ROAD = 28.20'
   MINIMUM FINISHED FLOOR ELEV = 29.20'
   CONTROL WATER ELEVATION = 23.00 (NAVD 88)
2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURE INCLUDING REMOVAL OF ANY EXISTING UTILITIES DURING THE STRUCTURE UTILITIES ARE TO BE REMOVED TO THE NORTH OF WAY
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO BLOCK OUT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHEN CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS
4. ALL ELEVATIONS REFERENCED ARE IN NAVD 88'
5. EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
6. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ENSURE CONNECTION AT STRUCTURE IS WATERTIGHT
7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER"
8. CONTRACTOR SHALL SAWCUT AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED
10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME
11. GENERAL CONTRACTOR TO SIZE STRUCTURES AND SUBMIT SHOP DRAWINGS TO ENGINEERING FOR VERIFICATION PRIOR TO ORDERING

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST. LUCIE

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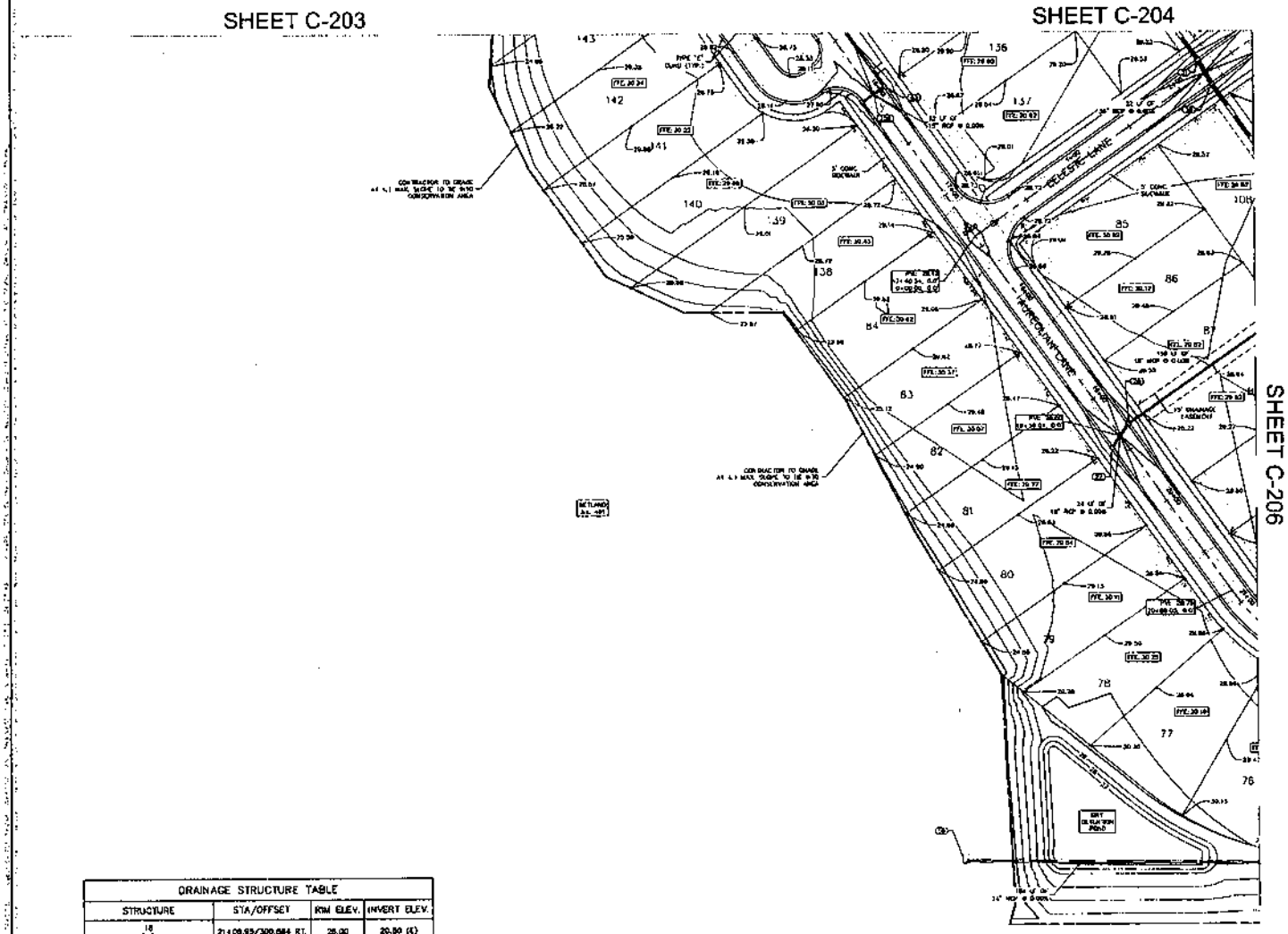
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA: 00000696

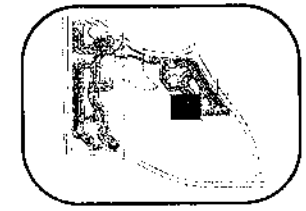
NO.	REVISION	DATE	BY
1			
2			
3			
4			
5			

PROJECT NO. 069852220	DATE 07/25/2016
SCALE AS SHOWN	
DESIGNED BY AKS	
DRAWN BY W.J.	
CHECKED BY KCH	

PAVING, GRADING, AND DRAINAGE PLAN

SHEET NUMBER
C-204





KEY MAP

LEGEND

	PROPERTY LINE
	EXISTING CONTOUR
X.XX	PROPOSED CONTOUR
X.XX	PROPOSED SLOPE
Z.XX	PROPOSED SPOT GRADE
XX	PROPOSED STORM STRUCTURE (SEE DRAINAGE STRUCTURE SCHEDULE)
	PROPOSED STORM PIPE
	PROPOSED STORM INLET
	PROPOSED STORM MANHOLE
	FLOW DIRECTION
	ASPHALT
	BRICK PAVERS

NOTES:

1. MINIMUM CROWN OF ROAD = 28.00'
   MINIMUM FINISHED FLOOR ELEV. = 29.00'
   CONTROL WATER ELEVATION = 25.00' NAVD 88'
2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. ALL ELEVATIONS REFERENCED ARE IN NAVD 88'
5. ASPHALT PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
6. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE, LIDS SHALL BE LABELED "STORM SEWER".
8. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
11. GENERAL CONTRACTOR TO SEE STRUCTURES AND SUBMIT SHOP DRAWINGS TO ENGINEERING FOR VERIFICATION PRIOR TO ORDERING.

DRAINAGE STRUCTURE TABLE

STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
18 TYPE "C" INLET	21+08.95/300.684 RT.	25.00	20.50 (E)
27 VALLEY GUTTER INLET	19+40.87/11.000 RT.	27.70	22.00 (NE)
28 VALLEY GUTTER INLET	19+32.25/-11.000 LT.	27.70	22.00 (SW) 22.00 (NE)
31 VALLEY GUTTER INLET W/ PRB	2+25.14/-11.000 LT.	27.65	18.25 (NW) 18.25 (SE)
39 VALLEY GUTTER INLET W/ PRB	2+22.94/11.000 RT.	27.65	18.25 (NW) 18.25 (SE)
43 VALLEY GUTTER INLET	16+02.33/-11.005 LT.	27.68	22.00 (NW) 22.00 (SW)
259 TYPE "C" INLET	18+02.06/11.000 RT.	27.64	22.00 (NE)

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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4415 PARK STREET, SUITE 220 VERO BEACH, FL 32967
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA 00000696

LICENSED PROFESSIONAL
XXXXX "KLSAM"
STATE OF FLORIDA
75481

NHA PROJECT 047857020
DATE 07/15/2016
SCALE AS SHOWN
DESIGNED BY AJS
DRAWN BY MJP
CHECKED BY KLH

PAVING, GRADING, AND DRAINAGE PLAN

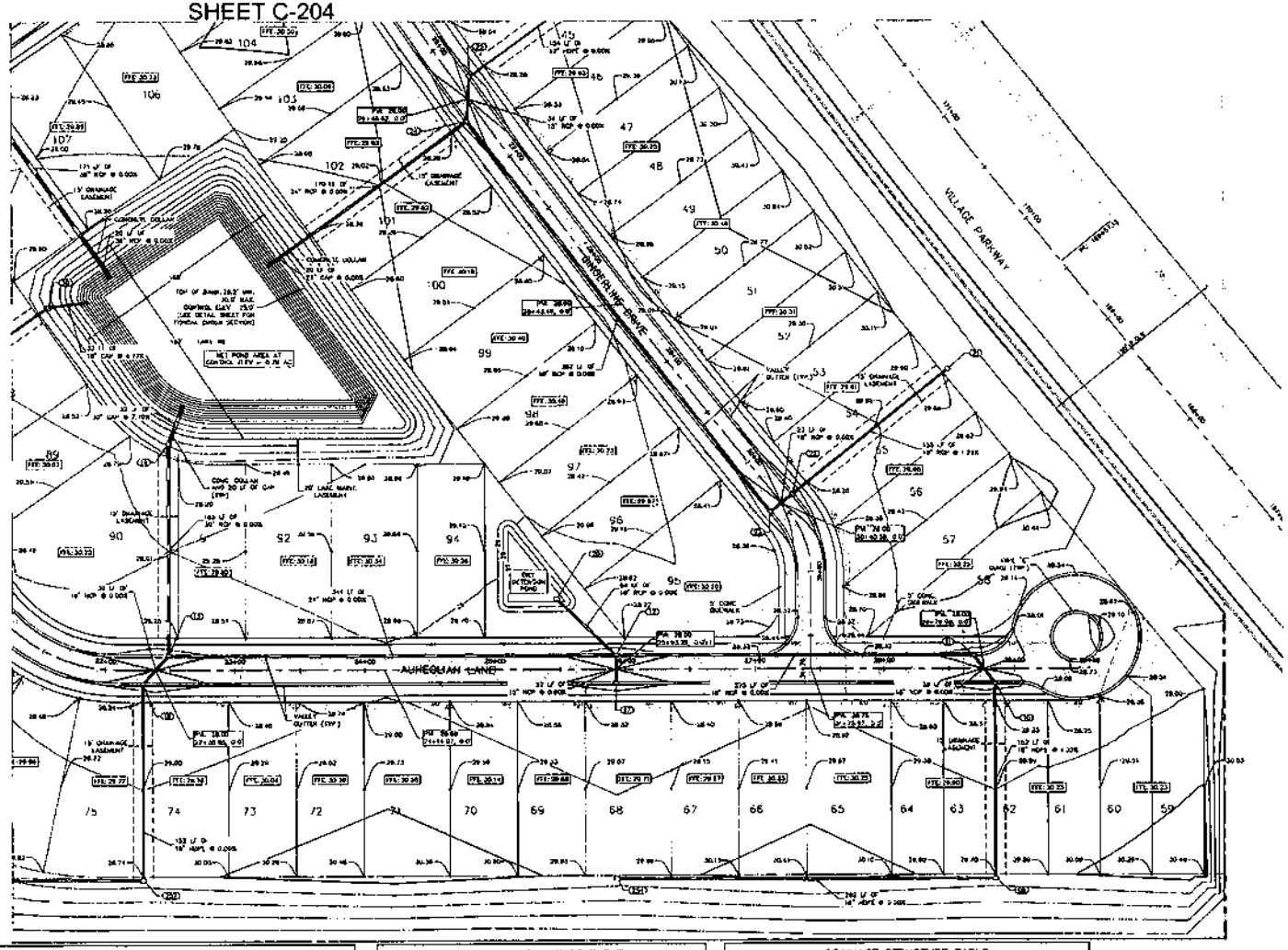
Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-205

NO.	REVISIONS	DATE	BY

SHEET C-204

SHEET C-205



KEY MAP

LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SLOPE
- PROPOSED SPOT GRADE
- PROPOSED STORM STRUCTURE (SEE DRAINAGE STRUCTURE SCHEDULE)
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- FLOW DIRECTION
- ASPHALT
- BRICK PAVERS

NOTES:

1. MINIMUM CHOSEN OF FLOOR = 28.00
   MINIMUM FINISHED FLOOR ELEV. = 28.00'
   CONTROL WATER ELEVATION = 18.00' PAVING INC
2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES BEHIND THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. ALL ELEVATIONS REFERENCED ARE IN NAVD 88.
5. EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
6. ALL STORM PIPE EXISTING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
8. CONTRACTOR SHALL READJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH CONTROLS SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
11. SEQUENCE CONSTRUCTION TO SITE STRUCTURES AND SEWER SHALL BE DRAINED TO ENGINEERING FOR VERIFICATION PRIOR TO ORDERING.

DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
09 VALLEY GUTTER INLET	28+59.06/153.002 RT.	28.45	22.00 (W) 22.00 (N)
10 VALLEY GUTTER INLET	28+50.08/11.000 RT.	27.71	20.00 (S) 20.00 (NW)
11 VALLEY GUTTER INLET	20+68.50/-11.000 LT.	27.64	20.00 (SE) 22.00 (W)
12 VALLEY GUTTER INLET W/ PRB	25+93.22/-11.000 LT.	27.88	22.00 (E) 22.00 (NW) 22.00 (W) 19.50 (S)
13 VALLEY GUTTER INLET	22+46.80/-11.000 LT.	27.72	22.00 (E) 22.00 (N) 24.50 (SW)
14 MH W/ PRB	22+46.80/-170.792 LT.	28.78	22.00 (S) 22.00 (N)

DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
16 VALLEY GUTTER INLET	22+29.08/10.990 RT.	27.72	24.50 (NE) 20.50 (S)
17 VALLEY GUTTER INLET	20+83.22/11.000 RT.	27.98	18.50 (N)
20 TYPE "C" INLET	23+47.34/-55.072 LT.	27.05	22.00 (SE)
21 TYPE "C" INLET	30+40.91/-180.993 LT.	29.05	22.00 (SW)
22 VALLEY GUTTER INLET	30+40.58/-10.815 LT.	27.89	20.00 (NE) 22.00 (SW)
23 VALLEY GUTTER INLET	30+40.58/10.986 RT.	27.66	20.00 (NE) 22.00 (NW)

DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
24 VALLEY GUTTER INLET W/ PRB	28+56.80/10.813 RT.	27.79	20.00 (SE) 24.00 (N) 20.00 (SW)
29 VALLEY GUTTER INLET	28+32.39/-10.994 LT.	27.78	24.00 (S) 24.00 (NE)
30 MH W/ PRB	19+32.25/-188.922 LT.	28.72	22.00 (SW) 22.00 (E)
282 TYPE "C" INLET W/ PRB	22+29.08/152.827 RT.	29.46	20.00 (W) 20.00 (N)
284 TYPE "C" INLET	25+93.22/152.583 RT.	28.48	22.00 (E)

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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PAVING, GRADING, AND DRAINAGE PLAN

DelWebb
AT TRADITION
PREPARED FOR
PULTE GROUP

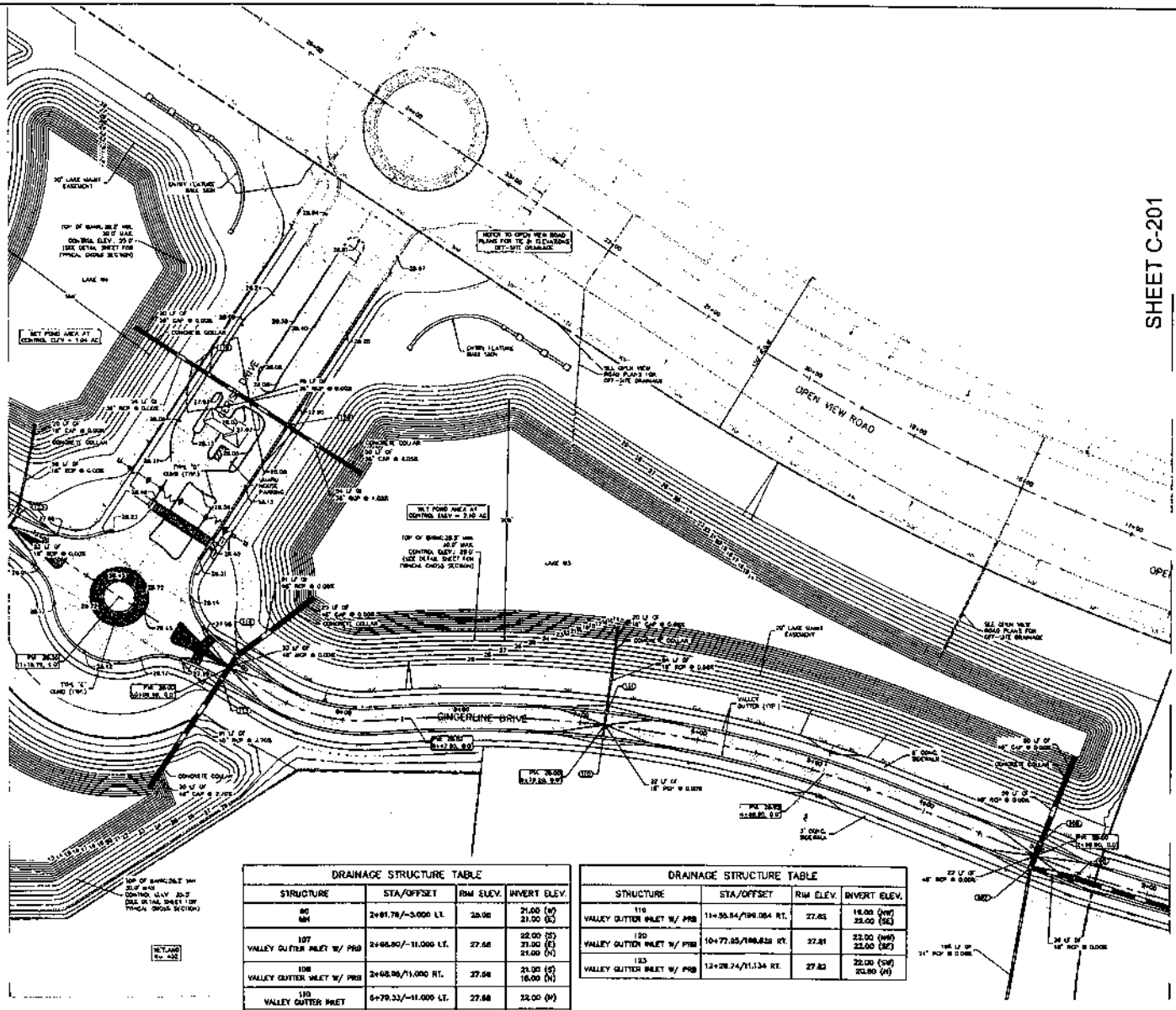
CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-206

SHEET C-208

SHEET C-210

SHEET C-201



DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
90 MH	2+01.78/-3.000 LT.	29.00	21.00 (W) 21.00 (E)
107 VALLEY GUTTER INLET W/ PRS	2+98.80/-11.000 LT.	27.58	22.00 (S) 21.00 (E) 21.00 (N)
108 VALLEY GUTTER INLET W/ PRS	2+98.96/11.000 RT.	27.58	21.00 (S) 16.00 (N)
110 VALLEY GUTTER INLET	5+79.33/-11.000 LT.	27.68	22.00 (W)
111 VALLEY GUTTER INLET W/ PRS	5+79.08/11.000 RT.	27.00	22.00 (S) 21.00 (N)
113 VALLEY GUTTER INLET W/ PRS	10+08.44/-11.372 LT.	27.83	21.00 (NE) 21.00 (SW)
114 VALLEY GUTTER INLET W/ PRS	10+08.40/11.624 RT.	27.84	21.00 (SW) 16.00 (NE)

DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
119 VALLEY GUTTER INLET W/ PRS	11+55.84/196.064 RT.	27.83	16.00 (NW) 22.00 (SE)
120 VALLEY GUTTER INLET W/ PRS	10+77.85/196.828 RT.	27.81	22.00 (NW) 22.00 (SE)
123 VALLEY GUTTER INLET W/ PRS	12+28.74/11.134 RT.	27.82	22.00 (SW) 20.80 (N)

KEY MAP

LEGEND

- HIGHWAY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SLOPE
- PROPOSED SPOT GRADE
- PROPOSED STORM STRUCTURE (SEE DRAINAGE STRUCTURE SCHEDULE)
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- FLOW DIRECTION
- ASPHALT
- BRICK PAVERS

NOTES:

1. MINIMUM CROWN OF ROAD = 28.00'
   MINIMUM FINISHED FLOOR ELEV. = 28.50'
   EXISTING WATER ELEVATION = 20.00' NAVD 88
2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES, INCLUDING REMOVAL OF ANY EXISTING UTILITIES BURIED THE STRUCTURE. UTILITIES ARE TO BE PLACED TO THE RIGHT-OF-WAY.
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHEN POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO VERIFY EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. ALL ELEVATIONS REFERENCED ARE IN NAVD 88.
5. CROSSING PIPES TO BE CLEANED OUT TO REMOVE ALL DIRT AND DEBRIS.
6. ALL STORM PIPE, DRAINAGE STRUCTURES SHALL BE GROUTED TO ENSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE AND SHALL BE LABELED "STORM SEWER".
8. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ENSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE OSHA STANDARDS AND BE CONSTRUCTED TO SAME.
11. CONTRACTOR TO SET STRUCTURES AND SUBMIT SHOP DRAWINGS TO ENGINEERING FOR VERIFICATION PRIOR TO ORDERING

CITY OF PORT ST. LUCIE PROJECT # P16 - 120

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445 SOUTH FIGUEROA STREET, SUITE 3100, LOS ANGELES, CA 90071
PHONE: 213-744-1010 WWW.KIMLEY-HORN.COM CA 00000096

NO.	REVISIONS	DATE	BY

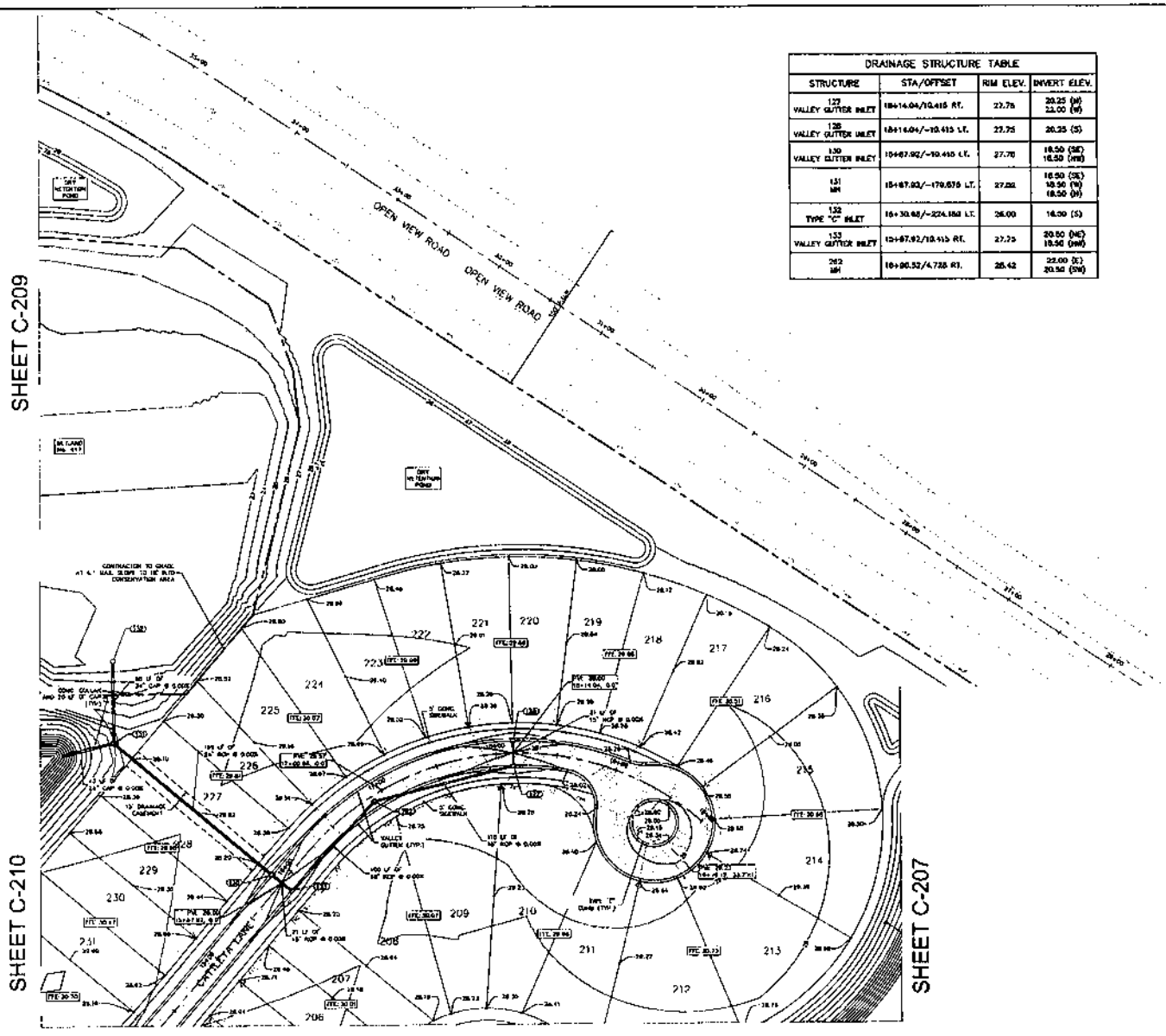
LICENSED PROFESSIONAL ENGINEER
BRIAN T. HUSKEY
STATE OF FLORIDA LICENSE NUMBER 75445

MAIN PROJECT DATE: 07/25/2016
SCALE: AS SHOWN
DESIGNED BY: N.J.
DRAWN BY: N.J.
CHECKED BY: B.T.H. DATE:

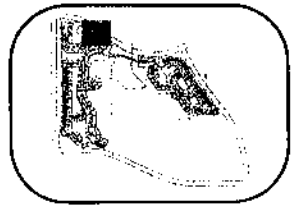
PAVING, GRADING, AND DRAINAGE PLAN

Del Webb
AT TRADITION
PREPARED FOR:
PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-207



DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
127 VALLEY GUTTER INLET	18+14.04/10.415 RT.	27.75	20.25 (N) 22.00 (W)
128 VALLEY GUTTER INLET	18+14.04/-10.415 LT.	27.75	20.25 (S)
130 VALLEY GUTTER INLET	15+67.92/-10.415 LT.	27.70	18.50 (SE) 18.50 (NW)
131 MH	15+67.92/-179.675 LT.	27.02	18.50 (SE) 18.50 (W) 18.50 (N)
132 TYPE "C" INLET	15+30.68/-224.180 LT.	26.00	18.50 (S)
133 VALLEY GUTTER INLET	15+67.92/10.415 RT.	27.75	20.50 (NE) 18.50 (NW)
262 MH	16+90.52/4.725 RT.	26.42	22.00 (E) 20.50 (SW)



KEY MAP

LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED MAPS
- PROPOSED SPOT GRADE
- PROPOSED STORM STRUCTURE (SEE DRAINAGE STRUCTURE SCHEDULE)
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- FLOW DIRECTION
- ASPHALT
- BRICK PAVERS

NOTES:

1. MINIMUM CROWN OF ROAD = 26.00'
   MINIMUM FINISHED FLOOR ELEV. = 29.50'
   CONTROL WATER ELEVATION = 33.00' NAVD 88'
2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. ALL ELEVATIONS REFERENCED ARE IN NAVD 88'
5. EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
6. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
8. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GENERATING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
11. GENERAL CONTRACTOR TO SIZE STRUCTURES AND SUBMIT SHOP DRAWINGS TO ENGINEERING FOR VERIFICATION PRIOR TO ORDERING.

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA 00000693

REVISIONS	DATE	BY

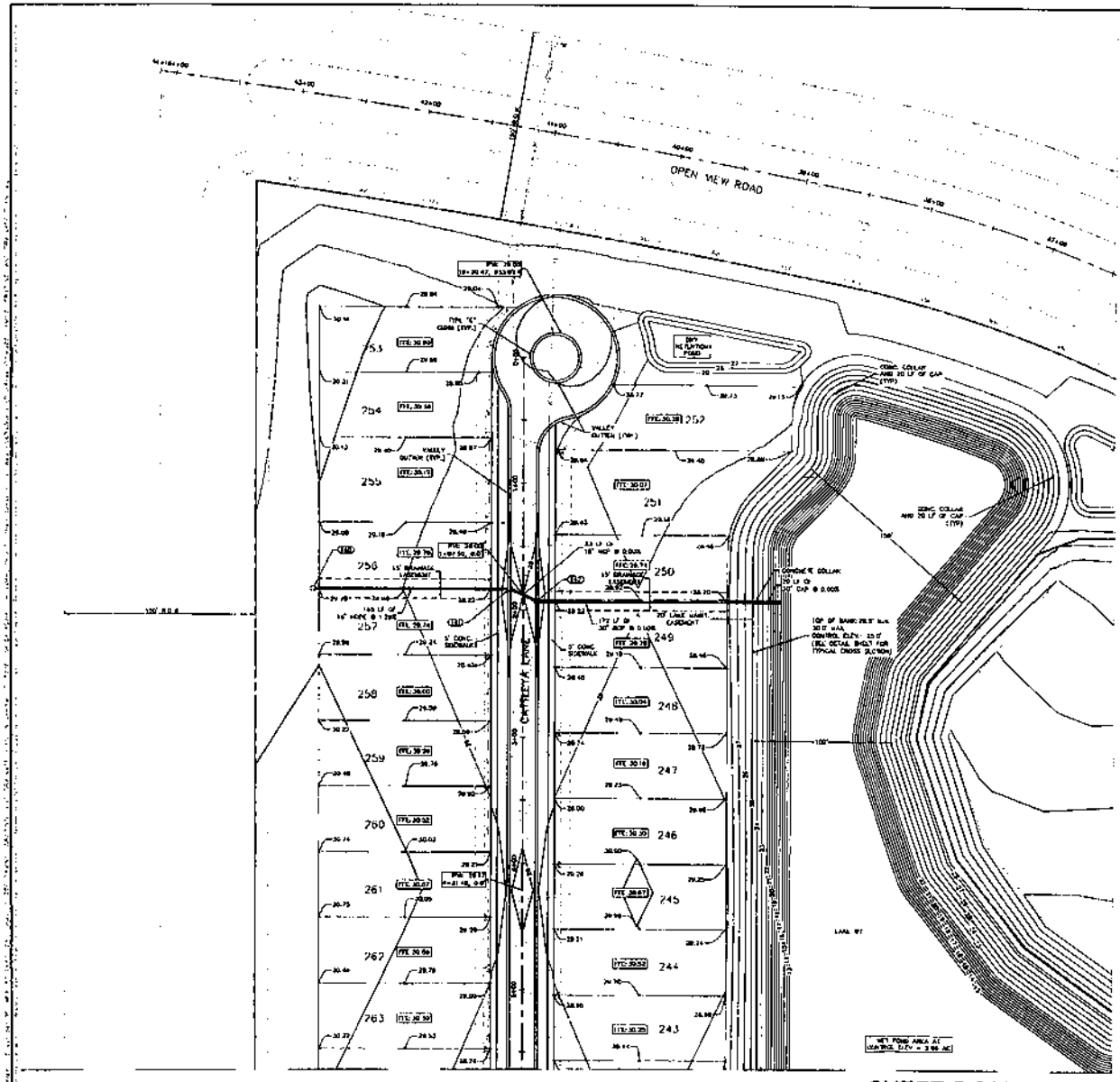
KHA PROJECT 042897020
DATE 07/15/2016
SCALE AS SHOWN
DESIGNED BY AJS
DRAWN BY M.P.
CHECKED BY KFH

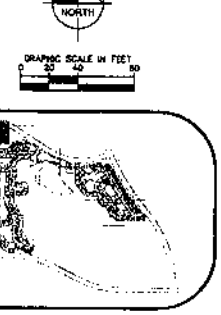
LICENSED PROFESSIONAL
SCHEDULE NUMBER 7548
DATE

PAVING, GRADING, AND DRAINAGE PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-208





KEY MAP

L.E.G.END

- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SLOPE
- PROPOSED SPOT GRADE
- PROPOSED STORM STRUCTURE (SEE DRAINAGE STRUCTURE SCHEDULE)
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- FLOW DIRECTION
- ASPHALT
- BRICK PAVERS

NOTES:

1. MINIMUM CROWN OF ROAD = 28.00'
   MINIMUM FINISHED FLOOR ELEV. = 29.50'
   DESIGN WATER ELEVATION = 23.00' NAVD 88
2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES BURIED THE STRUCTURE. UTILITIES ARE TO BE MARKED TO THE INSTEAD-OF-WAY.
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO RECEIVE EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. ALL ELEVATIONS NOTED ARE IN NAVD 88
5. EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
6. ALL STORM PIPE EXTERIOR STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
8. CONTRACTOR SHALL ADJUST AND/OR SLIT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SPEC.
11. GENERAL CONTRACTOR TO SIZE STRUCTURES AND SUBMIT SHOP DRAWINGS TO ENGINEERING FOR VERIFICATION PRIOR TO ORDERING.

DRAINAGE STRUCTURE TABLE

STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
140 TYPE "C" INLET	1+83.08/185.024 RT.	29.68	23.00 (E)
141 VALLEY GUTTER INLET	1+85.15/10.416 RT.	27.77	20.00 (W) 20.00 (SE)
142 VALLEY GUTTER INLET W/ PRS	1+92.43/-10.416 LT.	27.77	20.00 (NW) 19.50 (E)

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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4615 SW FREWARD STREET, STUART, FL 34997
PHONE: 772-781-1288 FAX: 772-781-1289
WWW.KIMLEY-HORN.COM CA: 00000696

No.	REVISIONS	DATE

PRELIMINARY NOT FOR CONSTRUCTION

KHA PROJECT 042800122

DATE 07/25/2014

SCALE AS SHOWN

DESIGNED BY AKS

DRAWN BY MJP

CHECKED BY KHA

PAVING, GRADING, AND DRAINAGE PLAN

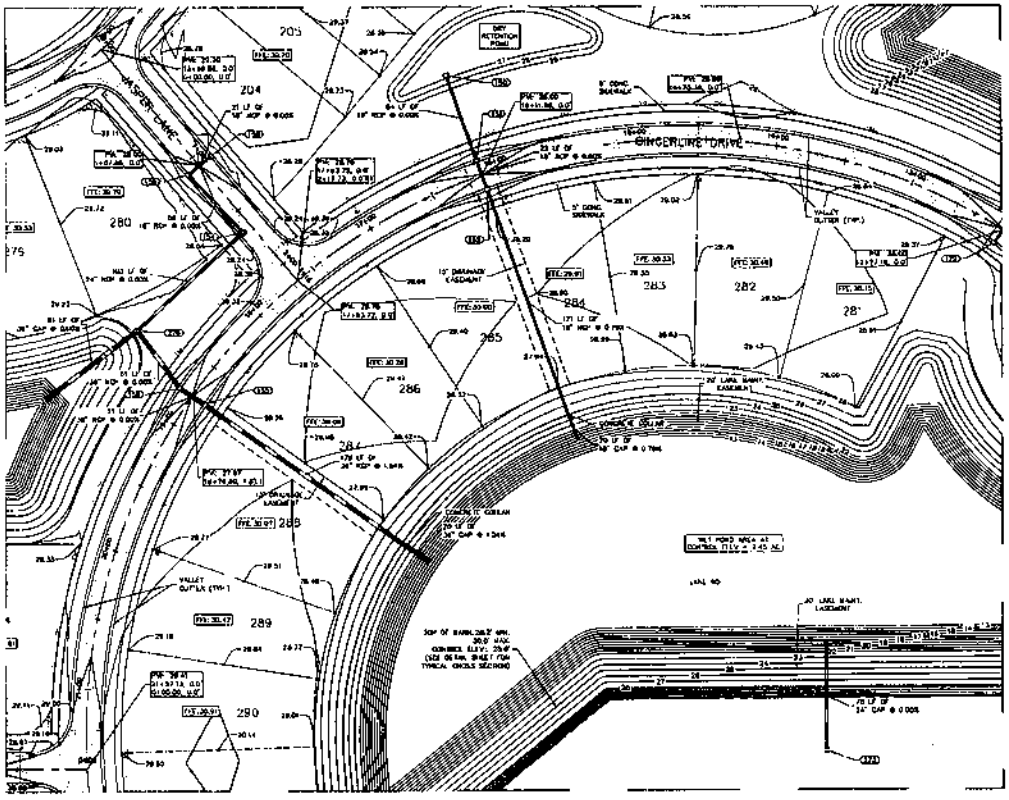
Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-209

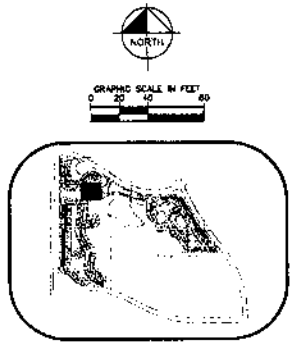
SHEET C-208

SHEET C-209



SHEET C-212

DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
122 VALLEY GUTTER INLET	12+27.83/-11.328 LT.	27.83	22.00 (NE)
150 TYPE "C" INLET	15+11.82/72.183 RT.	27.00	21.00 (S)
151 VALLEY GUTTER INLET W/ PRB	15+12.18/10.977 RT.	27.68	21.00 (N) 21.00 (S)
152 VALLEY GUTTER INLET W/ PRB	16+12.15/-10.991 LT.	27.68	21.00 (N) 22.00 (S)
154 MH	17+70.29/51.921 RT.	28.22	22.00 (NW) 20.50 (SW)
155 VALLEY GUTTER INLET W/ PRB	18+75.63/-10.412 LT.	27.75	22.00 (NW) 22.00 (SE)
156 VALLEY GUTTER INLET	18+75.11/10.413 RT.	27.75	22.00 (SE) 19.00 (NW)
158 VALLEY GUTTER INLET	1+07.06/-10.415 LT.	27.75	22.00 (SW)
159 VALLEY GUTTER INLET	1+07.06/10.415 RT.	27.75	22.00 (NE) 22.00 (SE)
273 TYPE "C" INLET	11+30.41/-380.820 LT.	28.00	20.00 (N)
276 MH W/ PRB	15+81.16/58.274 RT.	28.32	20.00 (NE) 19.00 (SE) 19.00 (SW)



KEY MAP

LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SLOPE
- PROPOSED SPOT GRADE
- PROPOSED STORM STRUCTURE (SEE DRAINAGE STRUCTURE SCHEDULE)
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- FLOW DIRECTION
- ASPHALT
- BRICK PAVERS

NOTES:

1. MINIMUM GROWN OF ROAD = 26.00'
   MINIMUM FINISHED FLOOR ELEV. = 29.50'
   CONTROL WATER ELEVATION = 23.00' NAVD 88'
2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES BURIED THE STRUCTURE UTILITIES ARE TO BE TRACED TO THE NEXT UPSTREAM.
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, VERIFICATE THEM IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. ALL ELEVATIONS REFERENCED ARE IN NAVD 88'
5. EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
6. ALL STORM PIPE ENTERING STRUCTURES SHALL BE CINCHED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & CONCRETE MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
8. CONTRACTOR SHALL MILL/ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH SUPPLIED SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND AS CONSTRUCTED TO SAME.
11. GENERAL CONTRACTOR TO SITE STRUCTURES AND SUBMIT SHOP DRAWINGS TO ENGINEERING FOR VERIFICATION PRIOR TO ORDERING.

CITY OF PORT ST. LUCIE PROJECT # P16 - 120

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Kimley»Horn
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Phone: 786-364-1100
www.kimley-horn.com CA 00000696

REVISIONS			
1			
2			
3			
4			
5			

KHA PROJECT	047802000
DATE	07/25/2016
SCALE: AS SHOWN	
DESIGNED BY	AAS
DRAWN BY	MJP
CHECKED BY	KVG

LICENSED PROFESSIONAL: KHA / KSAM
EN's LICENSE NUMBER: 25451

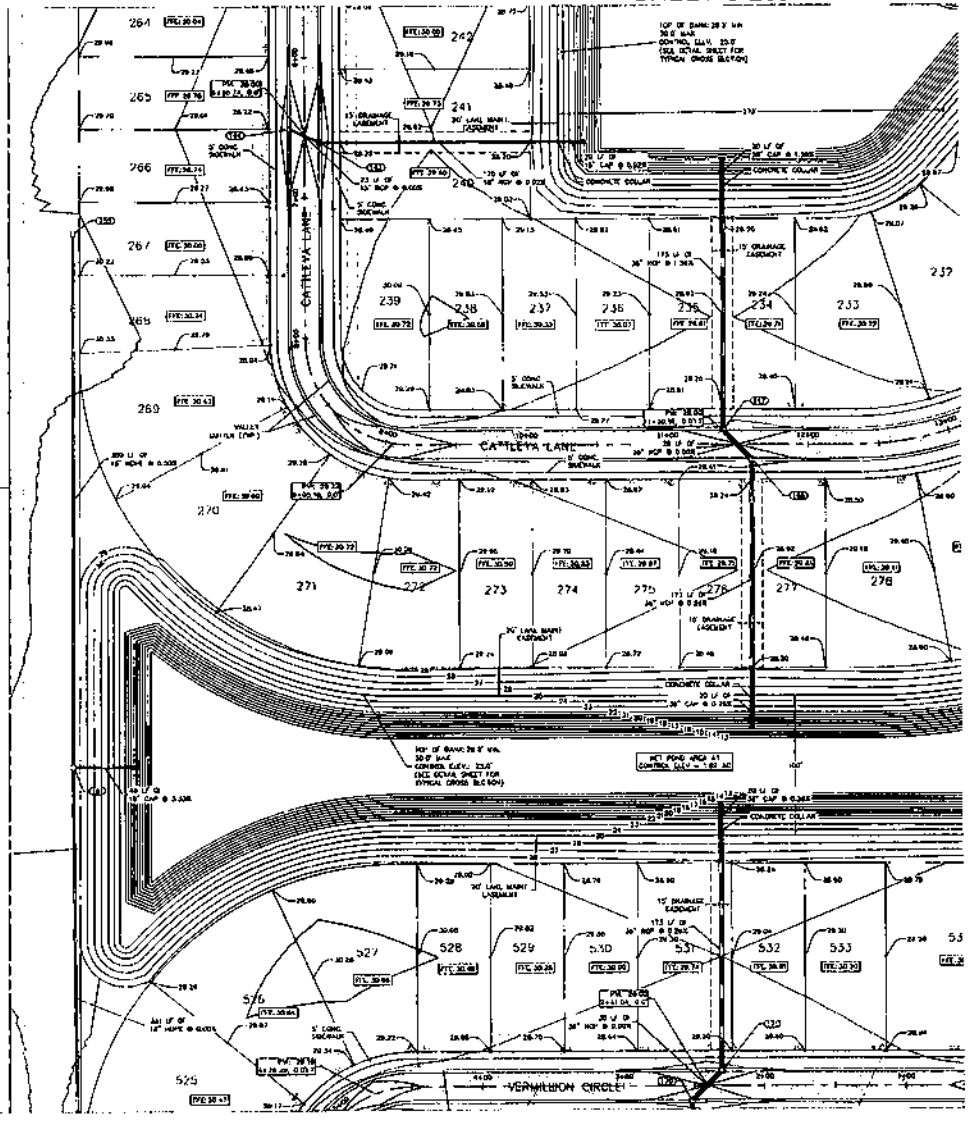
PAVING, GRADING, AND DRAINAGE PLAN

DelWebb
AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST. LUCIE

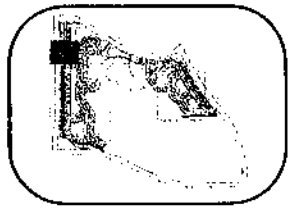
SHEET NUMBER
C-210

SHEET C-209



SHEET C-208

SHEET C-210



KEY MAP

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

LEGEND

	PROPERTY LINE
	EXISTING CONTOUR
X.XX	PROPOSED CONTOUR
X.XX	PROPOSED SLOPE
X.XX	PROPOSED SPOT GRADE
XX	PROPOSED STORM STRUCTURE (SEE DRAINAGE STRUCTURE SCHEDULE)
	PROPOSED STORM PIPE
	PROPOSED STORM INLET
	PROPOSED STORM MANHOLE
	FLOW DIRECTION
	ASPHALT
	BRICK PAVERS

NOTES:

1. MINIMUM CROWN OF ROAD = 28.00'
   MINIMUM FINISHED FLOOR ELEV. = 29.00'
   CONTROL WATER ELEVATION = 26.00' NAVD 88'
2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES, INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. ALL ELEVATIONS NOT INDICATED ARE IN NAVD 88'
5. EXISTING PIPES TO BE CLEANED OUT TO REMOVAL ALL SILT AND DEBRIS.
6. ALL STORM PIPE, OUTFALL STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN LANDSCAPED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
8. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
11. GENERAL CONTRACTOR TO SUBMIT STRUCTURES AND SUBMITTAL SHOP DRAWINGS TO ENGINEERING FOR ALIGNATION PRIOR TO ORDERING.

DRAINAGE STRUCTURE TABLE

STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
143 VALLEY GUTTER INLET W/ PRB	8+00.44/-10.497 LT.	27.78	18.75 (S) 24.00 (NW)
144 VALLEY GUTTER INLET	8+21.13/10.487 RT.	27.78	24.00 (SE)
147 VALLEY GUTTER INLET W/ PRB	11+38.25/-10.415 LT.	27.80	22.00 (N) 22.00 (SE)
148 VALLEY GUTTER INLET W/ PRB	11+58.74/10.415 RT.	27.80	22.00 (NW) 19.50 (S)
181 TYPE "C" INLET	20+34.89/107.080 RT.	29.08	23.00 (S) 22.00 (E) 23.24 (N)
170 VALLEY GUTTER INLET W/ PRB	2+01.92/-10.415 LT.	27.80	22.00 (NE) 22.00 (S)
171 VALLEY GUTTER INLET W/ PRB	2+30.07/10.415 RT.	27.81	22.00 (SW) 19.50 (N)
200 TYPE "C" INLET	7+25.98/104.704 RT.	30.07	21.34 (S)

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CITY OF PORT ST LUCIE PROJECT #
P16 - 120

Kimley»Horn
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445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA 00000696

KHA PROJECT	093897000
DATE	07/25/2014
SCALE	AS SHOWN
DESIGNED BY	AMS
DRAWN BY	KJ
CHECKED BY	KJ

LICENSED PROFESSIONAL ENGINEER - FLORIDA
SEAL / SIGNATURE HERE
75481

PAVING, GRADING, AND DRAINAGE PLAN

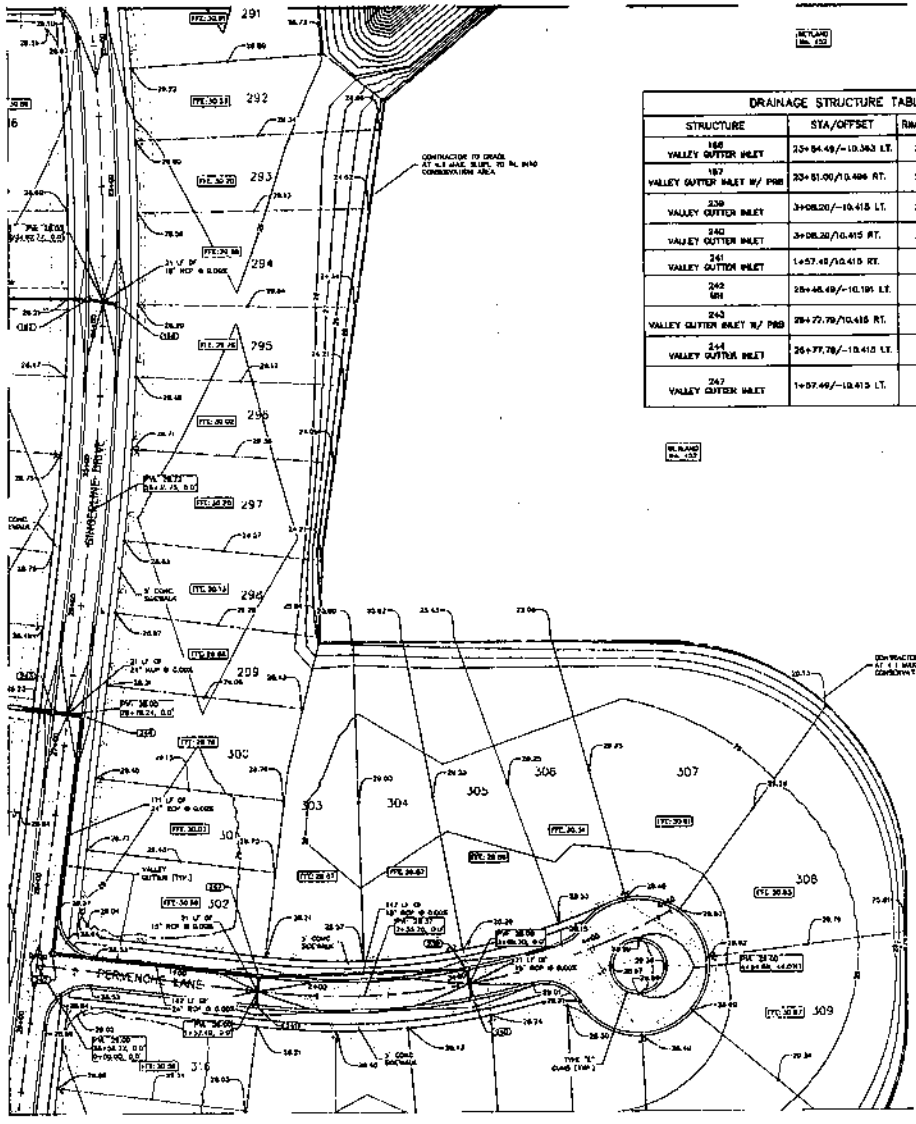
Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST LUCIE FLORIDA

SHEET NUMBER
C-211

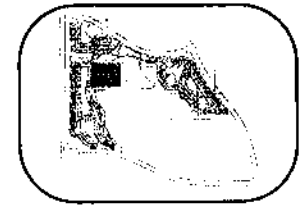
SHEET C-210

SHEET C-213



SHEET C-214

DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
186 VALLEY GUTTER INLET	23+84.49/-10.363 LT.	27.75	22.25 (W)
187 VALLEY GUTTER INLET W/ PRB	23+81.00/10.486 RT.	27.75	22.25 (E) 22.00 (W)
239 VALLEY GUTTER INLET	3+08.20/-10.415 LT.	27.75	20.00 (S) 22.00 (W)
240 VALLEY GUTTER INLET	3+08.20/10.415 RT.	27.75	20.00 (N)
241 VALLEY GUTTER INLET	1+57.48/10.415 RT.	27.75	19.25 (N)
242 MH	25+46.49/-10.195 LT.	29.83	20.00 (E) 22.00 (W)
243 VALLEY GUTTER INLET W/ PRB	28+27.79/10.415 RT.	27.92	24.00 (E) 22.00 (W)
244 VALLEY GUTTER INLET	26+77.78/-10.415 LT.	27.75	24.00 (W) 22.00 (S)
247 VALLEY GUTTER INLET	1+57.49/-10.415 LT.	27.75	22.00 (E) 19.25 (S) 20.00 (W)



KEY MAP

LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SLOPE
- PROPOSED SPOT GRADE
- PROPOSED STORM STRUCTURE (SEE DRAINAGE STRUCTURE SCHEDULE)
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- FLOW DIRECTION
- ASPHALT
- BRICK PAVERS

NOTES:

1. MINIMUM CROWN OF ROAD = 29.00'
   MINIMUM FINISHED FLOOR ELEV. = 30.50'
   CONTROL WATER ELEVATION = 22.00' NAVD 88'
2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES, INCLUDING REMOVAL OF ANY EXISTING UTILITIES BURIED THE STRUCTURE UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
3. THE INFORMATION IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION, TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. ALL ELEVATIONS REFERENCED ARE IN NAVD 88'
5. EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
6. ALL STORM PIPE CONTAINS STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
8. CONTRACTOR SHALL ADJUST AND/OR CUT DRAINAGE MANHOLES AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH CONFORMING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
11. GENERAL CONTRACTOR TO SIZE STRUCTURES AND PRINT SHOP DRAWINGS TO ENGINEERING FOR VERIFICATION PRIOR TO ORDERING.

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA 0000088

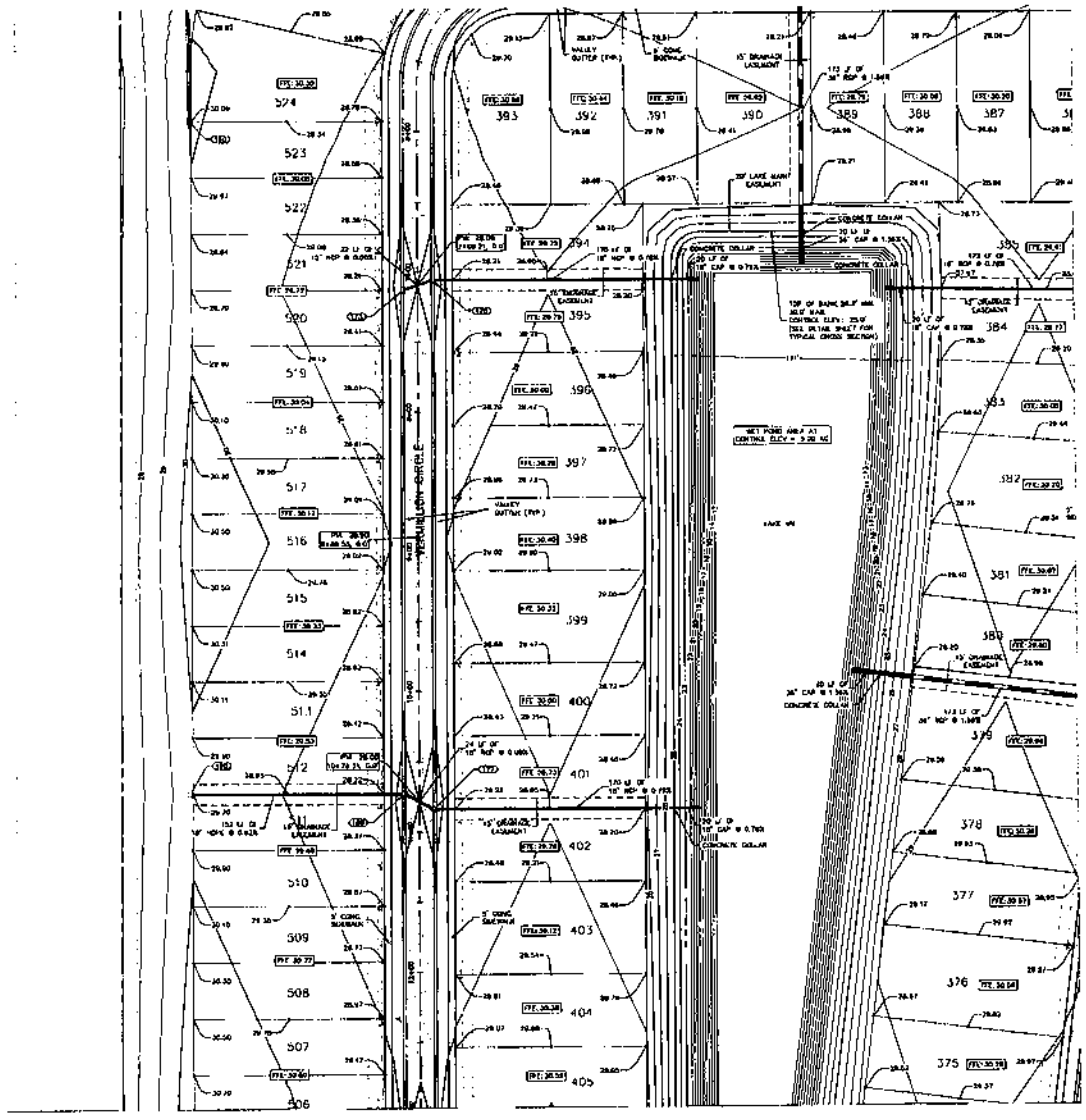
JOB NO.	016-097070
DATE	07/21/2016
SCALE	AS SHOWN
DESIGNED BY	MKS
DRAWN BY	KTM
CHECKED BY	KTM

PAVING, GRADING, AND DRAINAGE PLAN

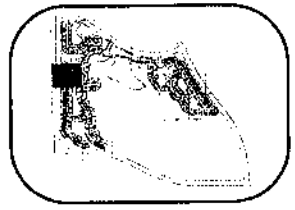
Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-212

SHEET C-211



SHEET C-215



KEY MAP

LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SLOPE
- PROPOSED SPOT GRADE
- PROPOSED STORM STRUCTURE (SEE DRAINAGE STRUCTURE SCHEDULE)
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- FLOW DIRECTION
- ASPHALT
- BRICK PAVERS

NOTES:

1. MINIMUM CROWN OF ROAD = 26.00'
   MINIMUM FINISHED FLOOR ELEV. = 29.50'
   CONTROL WATER ELEVATION = 23.00' NAVD 88'
2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES, INCLUDING REMOVAL OF ANY EXISTING UTILITIES BEHIND THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. ALL ELEVATIONS REFERENCED ARE IN NAVD 88'
5. EXISTING INLETS TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
6. ALL STORM PIPE CONNECTING STRUCTURES SHALL BE GROUTED TO ENSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LID SHALL BE LABELED "STORM SEWER".
8. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ENSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
11. DURA-BAL CONSTRUCTION TO PLAN STRUCTURES AND SUBMIT SHOP DRAWINGS TO ENGINEERING FOR VERIFICATION PRIOR TO ORDERING.

DRAINAGE STRUCTURE TABLE

STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
160 TYPE "C" INLET	6+92.73/181.585 RT.	29.99	22.00 (N)
176 VALLEY GUTTER INLET	7+12.73/10.416 RT.	27.77	24.00 (E)
178 VALLEY GUTTER INLET W/ PRS	7+08.73/-10.415 LT.	27.77	24.00 (W) 22.00 (E)
177 VALLEY GUTTER INLET W/ PRS	10+83.73/-10.414 LT.	27.78	22.00 (E) 19.75 (NW)
169 VALLEY GUTTER INLET	10+72.73/10.416 RT.	27.78	19.75 (SE) 19.78 (W)
180 VALLEY GUTTER INLET	10+72.86/162.405 RT.	29.55	21.00 (E)

CITY OF PORT ST. LUCIE PROJECT # P16 - 120

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PHONE: 772-785-0225
WWW.KIMLEY-HORN.COM CA 00000696

NO.	REVISION	DATE

LICENSED PROFESSIONAL
KARL C. DUSSAU
STATE LICENSE NUMBER 75465

KHA PROJECT 064897002
DATE 07/23/2014
DESIGNED BY KAS
DRAWN BY MVP
CHECKED BY KCD

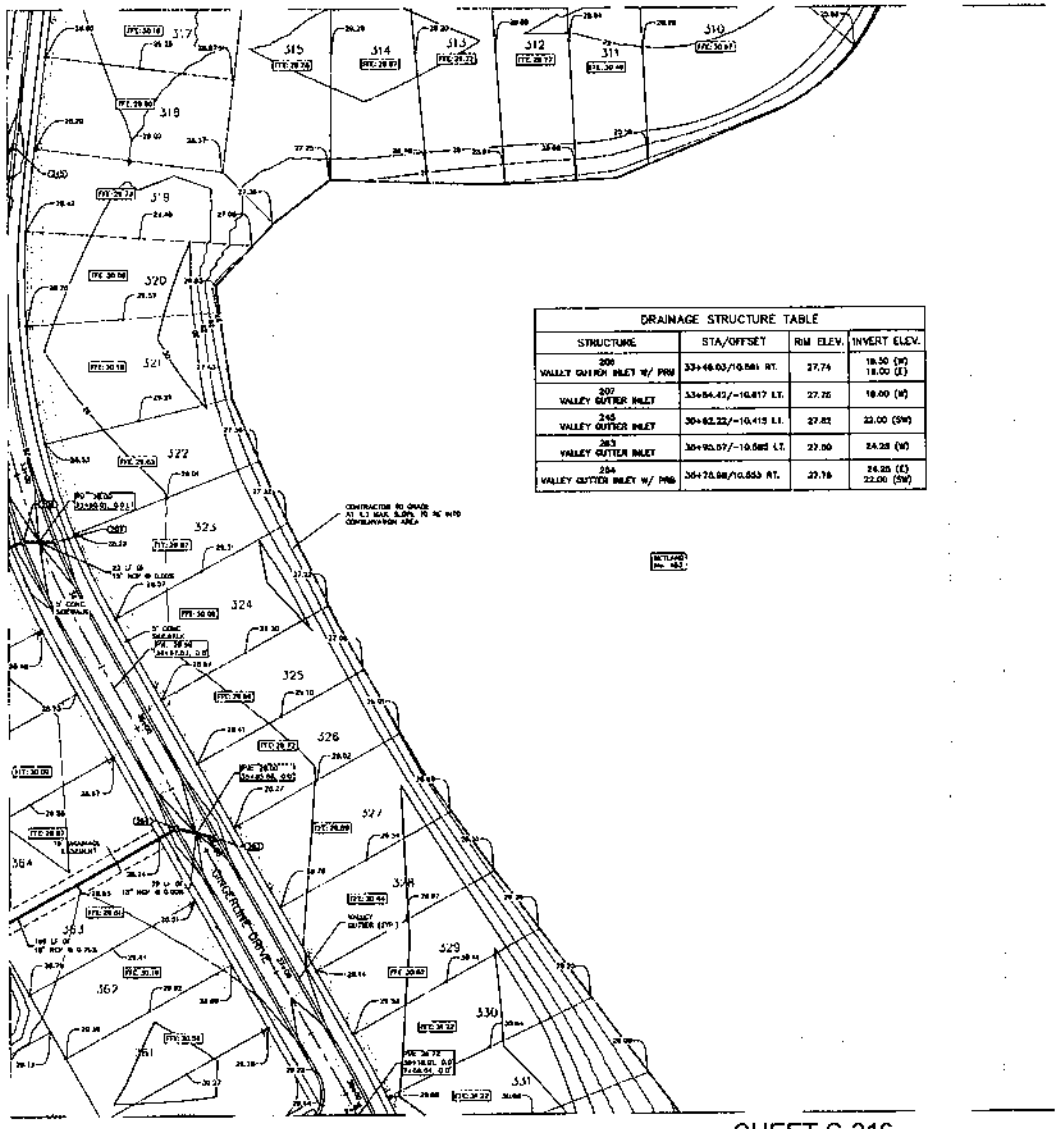
PAVING, GRADING, AND DRAINAGE PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-213

SHEET C-212

SHEET C-213



SHEET C-216

DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
206 VALLEY GUTTER INLET W/ PRM	33+48.03/10.581 RT.	27.74	18.50 (W) 18.00 (E)
207 VALLEY GUTTER INLET	33+54.42/-10.617 LT.	27.75	18.00 (W)
245 VALLEY GUTTER INLET	30+62.22/-10.415 LT.	27.82	22.00 (SW)
283 VALLEY GUTTER INLET	30+93.57/-10.585 LT.	27.00	24.25 (W)
284 VALLEY GUTTER INLET W/ PRM	30+78.98/10.553 RT.	27.76	24.25 (E) 22.00 (SW)

NORTH

GRAPHIC SCALE IN FEET
0 20 40 60

KEY MAP

LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- X.XX PROPOSED CONTOUR
- X.X% PROPOSED SLOPE
- X.X% PROPOSED SPOT GRADE
- XX PROPOSED STORM STRUCTURE (SEE DRAINAGE STRUCTURE SCHEDULE)
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- FLOW DIRECTION
- ASPHALT
- BRICK PAVERS

NOTES:

1. MINIMUM CROWN OF ROAD = 28.00'
   MINIMUM FINISHED FLOOR ELEV. = 29.50'
   CONDITIONS WATER ELEVATION = 25.00' PLANS BE
2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES SUPPORTING THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
3. THE CONTRACTOR IS SPECIFICALLY CHALLENGED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR CORRECT. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO VERIFY EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. ALL ELEVATIONS REFERENCED ARE IN NAVD 88'
5. EXISTING PIPES TO BE REMOVED OUT TO REMOVE ALL SILT AND DEBRIS.
6. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
8. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SUIT.
11. GENERAL CONTRACTOR TO SIZE STRUCTURES AND SUBMIT SHOP DRAWINGS TO DRAINGRING FOR VERIFICATION PRIOR TO ORDERING.

CITY OF PORT ST LUCIE PROJECT # P16 - 120

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PHONE: 305-673-2025
WWW.KIMLEYHORN.COM CA: 00000696

ENVIRONMENTAL	[illegible]
ENGINEER	[illegible]
PLANNER	[illegible]
LANDSCAPE ARCHITECT	[illegible]
SURVEYOR	[illegible]
REVISIONS	DATE

ACTIVE PROJECT DATE/STATE	07/15/2016
SCALE	AS SHOWN
DESIGNED BY	AAC
DRAWN BY	[illegible]
CHECKED BY	[illegible]

PAVING, GRADING, AND DRAINAGE PLAN

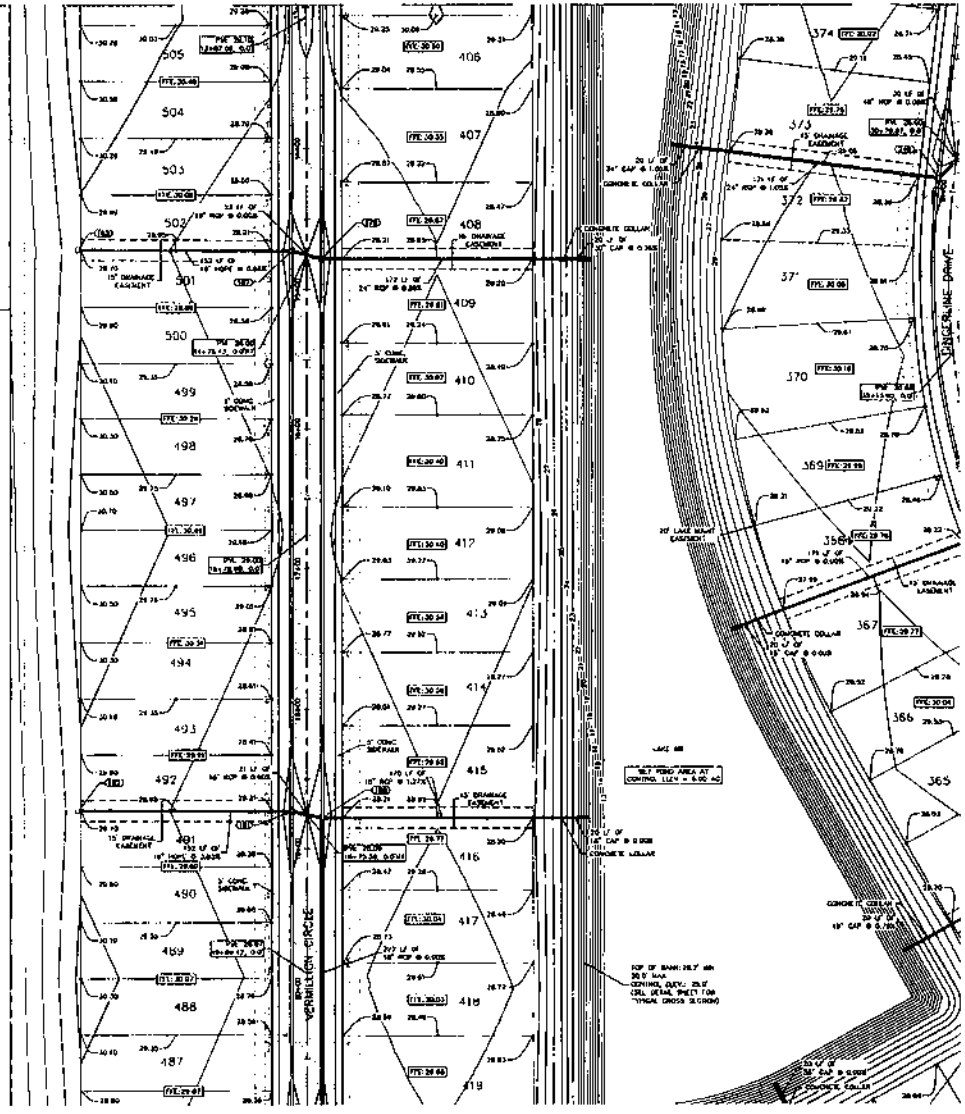
Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST LUCIE

FLORIDA

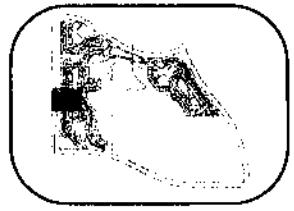
SHEET NUMBER
C-214

SHEET C-213



SHEET C-214

SHEET C-217



KEY MAP

LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SLOPE
- PROPOSED SPOT GRADE
- PROPOSED STORM STRUCTURE (SEE DRAINAGE STRUCTURE SCHEDULE)
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- FLOW DIRECTION
- ASPHALT
- BRICK PAVERS

NOTES:

1. MINIMUM CROWN OF ROAD = 28.00'
   MINIMUM FINISHED FLOOR ELEV = 29.00'
   CONTROL WATER ELEVATION = 23.00' NAVD 88
2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES BURIED ON STRUCTURE UTILITIES ARE TO BE REMOVED TO THE NORTH-OF-WAY.
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. ALL ELEVATIONS REFERENCED ARE IN NAVD 88'
5. EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
6. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LOS SHALL BE LABELED "STORM SEWER".
8. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH GOVERNING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GRADING CODES AND BE CONSTRUCTED TO SAME.
11. GENERAL CONTRACTOR TO GET STRUCTURES AND SUBMIT SHOP DRAWINGS TO ENGINEERING FOR VERIFICATION PRIOR TO ORDERING.

DRAINAGE STRUCTURE TABLE

STRUCTURE	STA./OFFSET	RIM ELEV.	INVERT ELEV.
179 VALLEY GUTTER INLET W/ PRB	14+78.25/-10.414 LT.	27.78	20.00 (E) 20.00 (W)
180 VALLEY GUTTER INLET W/ PRB	18+77.73/-10.415 LT.	27.78	22.00 (S) 18.50 (E) 18.50 (W)
181 VALLEY GUTTER INLET	18+73.03/10.416 RT.	27.78	18.50 (E) 18.50 (W)
182 TYPE "C" INLET	18+72.54/162.119 RT.	29.50	24.00 (E)
183 TYPE "C" INLET	14+72.10/162.127 RT.	29.50	21.00 (E)
187 VALLEY GUTTER INLET	14+72.73/10.416 RT.	27.77	20.00 (E) 20.00 (W)
246 VALLEY GUTTER INLET W/ PRB	30+91.29/10.415 RT.	28.34	22.00 (NE) 22.00 (W)

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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Kimley»Horn

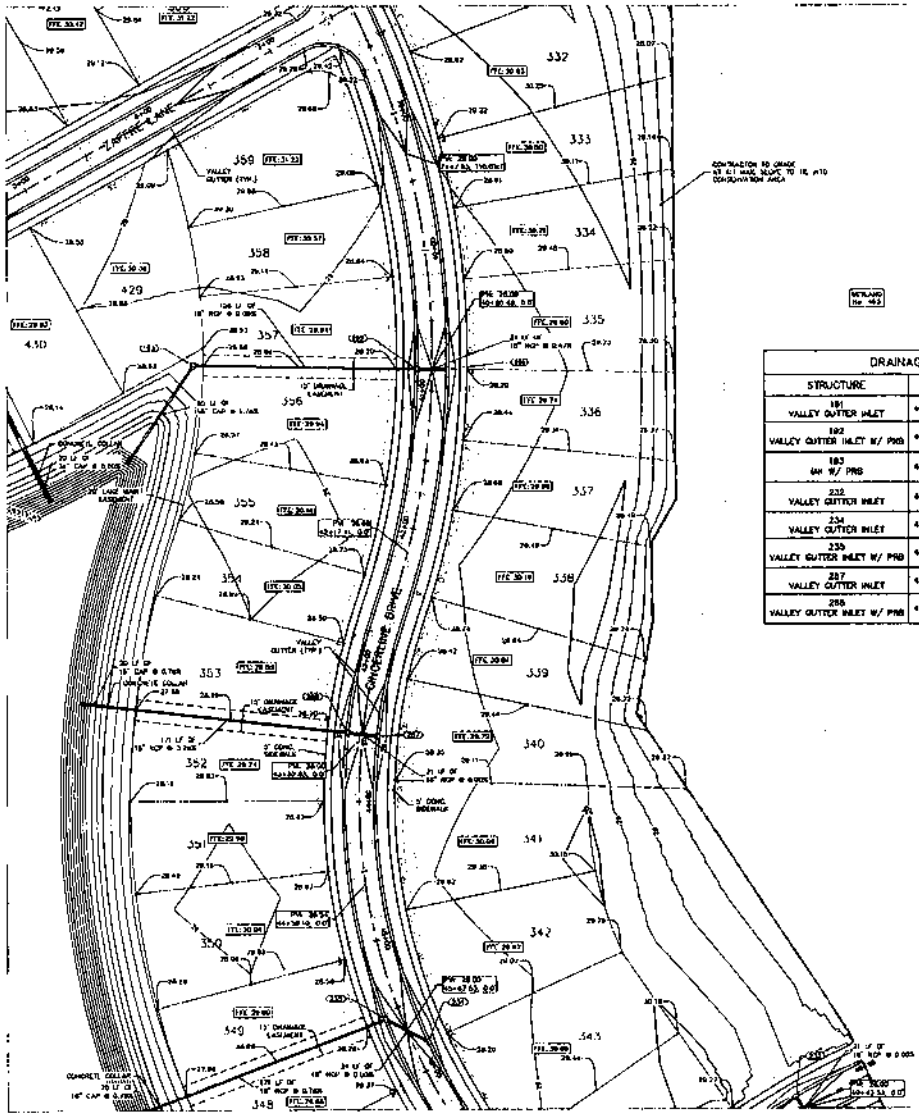
LICENSED PROFESSIONAL
KIMLEY-HORN
EXPIRES 2/28/2016

PAVING, GRADING, AND DRAINAGE PLAN

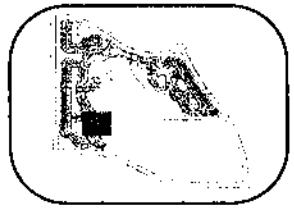
Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST. LUCIE
FLORIDA

SHEET NUMBER
C-215

SHEET C-214



DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
191 VALLEY GUTTER INLET	40+84.61/-10.580 LT.	27.73	22.10 (W)
192 VALLEY GUTTER INLET W/ PRB	40+84.82/10.867 RT	27.73	22.00 (E) 22.00 (W)
193 MH W/ PRB	40+86.97/166.828 RT.	28.87	22.00 (E) 22.00 (SW)
232 VALLEY GUTTER INLET	40+63.20/-10.410 LT.	27.73	21.00 (SW) 20.50 (SE)
234 VALLEY GUTTER INLET	40+81.31/-10.578 LT.	27.80	22.00 (NW)
235 VALLEY GUTTER INLET W/ PRB	43+34.94/10.503 RT.	27.80	22.00 (SE) 22.00 (W)
237 VALLEY GUTTER INLET	43+32.23/-10.536 LT.	27.73	22.00 (W)
238 VALLEY GUTTER INLET W/ PRB	43+81.88/10.607 RT.	27.72	22.00 (E) 22.00 (W)



KEY MAP

LEGEND

PROPERTY LINE
EXISTING CONTOUR
PROPOSED CONTOUR
PROPOSED SPOT GRADE
PROPOSED STORM STRUCTURE (SEE DRAINAGE STRUCTURE SCHEDULE)
PROPOSED STORM PIPE
PROPOSED STORM INLET
PROPOSED STORM MANHOLE
FLOW DIRECTION
ASPHALT
BRICK PAVERS

NOTES:
1. MINIMUM CROWN OF ROAD = 28.00'
   MINIMUM FINISHED FLOOR ELEV. = 29.50'
   CONTROL WATER ELEVATION = 23.50' NAVD 88
2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES BURIED THE STRUCTURE UTILITIES ARE TO BE PLUGGED TO THE RIGHT-OF-WAY.
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. ALL EXCAVATIONS MAY BE MADE BY HAND.
5. EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
6. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELLED "STORM SEWER".
8. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH CONTRACT SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SPEC.
11. GENERAL CONTRACTOR TO SEE STRUCTURES AND SUBMIT SHOP DRAWINGS TO ENGINEER FOR VERIFICATION PRIOR TO ORDERING

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CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

Kimley»Horn
8 [illegible] WEST ASSOCIATES, LLC
[illegible] PHONE: 772-781-4100
WWW.KIMLEYHORN.COM CA 00000696

CLIENT PROFESSIONAL SEAL

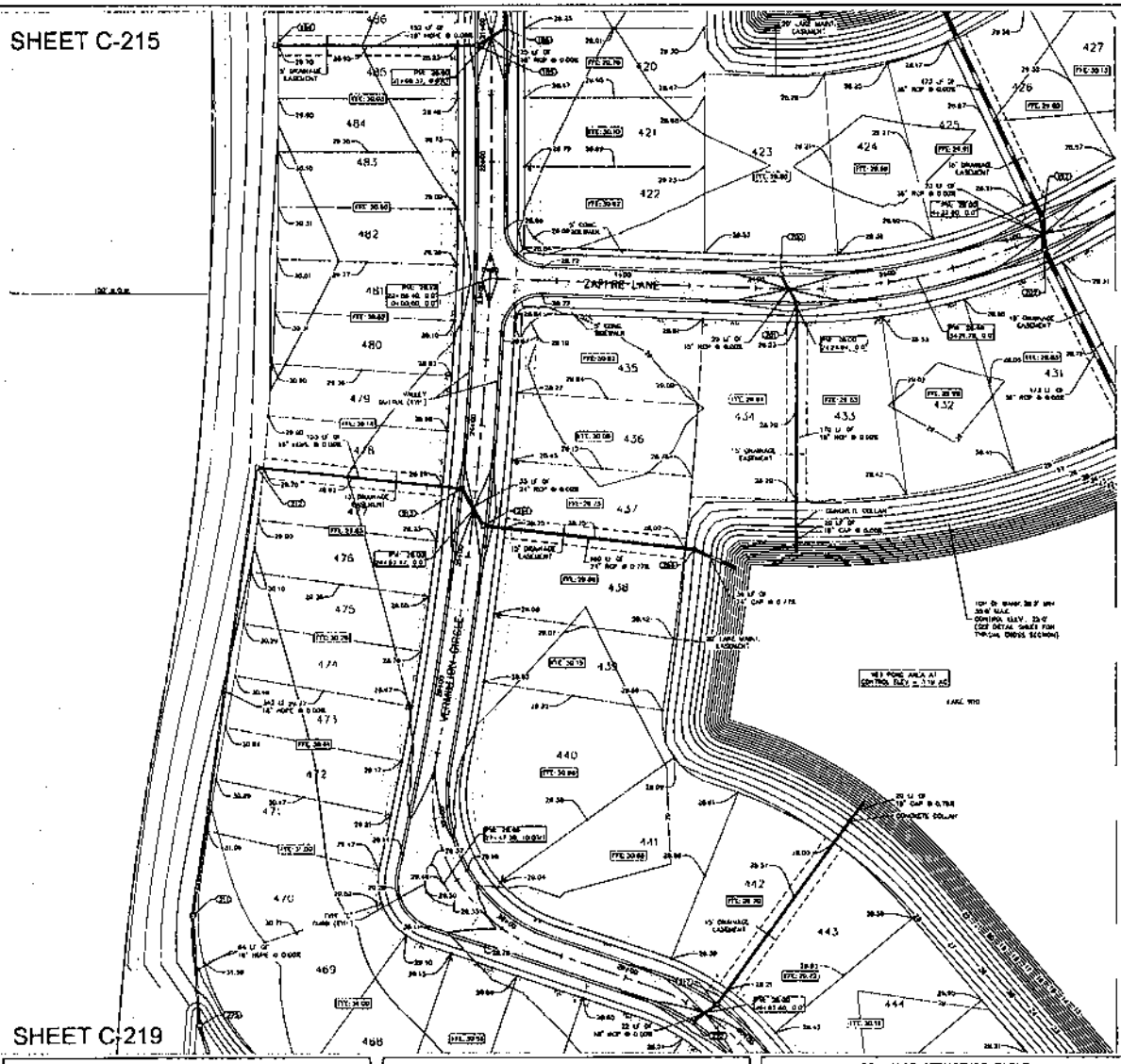
SCALE: 1" = 20'-0"
DATE: 07/25/2016
DRAWN BY: [illegible]
CHECKED BY: [illegible]

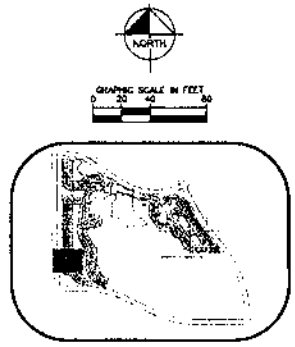
PAVING, GRADING, AND DRAINAGE PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-216

SHEET C-215





KEY MAP

LEGEND

PROPERTY LINE
EXISTING CONTOUR
PROPOSED CONTOUR
PROPOSED SLOPE
PROPOSED SPOT GRADE
PROPOSED STORM STRUCTURE (SEE DRAINAGE STRUCTURE SCHEDULE)
PROPOSED STORM PIPE
PROPOSED STORM INLET
PROPOSED STORM MANHOLE
FLOW DIRECTION
ASPHALT
BRICK PAVERS

NOTES:
1. MINIMUM GROUND OF ROAD = 28.00'
   MINIMUM FINISHED FLOOR ELEV = 29.50'
   GENERAL WATER ELEVATION = 23.00' NAVD 88
2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES (INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND MAKE POSSIBLE MODIFICATIONS THERE AT THE VOID. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO ELIMINATE EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. ALL ELEVATIONS REFERENCED ARE IN NAVD 88.
5. EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
6. ALL STORM PIPE LATERAL STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
7. ALL STORM COVER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & CONCRETE MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER"
8. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH DEVELOPED SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
11. GENERAL CONTRACTOR TO SIZE STRUCTURES AND SUBMIT SHOP DRAWINGS TO ENGINEERING FOR VERIFICATION PRIOR TO ORDERING

DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
184 TYPE "C" INLET	21+12.77/182.028 RT.	28.51	21.00 (E)
185 VALLEY GUTTER INLET	23+12.73/10.416 RT.	27.79	23.75 (NE) 21.00 (W)
186 VALLEY GUTTER INLET	20+99.73/-10.414 LT.	27.78	23.75 (SW) 22.00 (N)
187 VALLEY GUTTER INLET W/ PRB	4+27.01/-10.415 LT.	27.77	18.00 (NW) 18.00 (S)

DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
200 VALLEY GUTTER INLET	2+18.11/-10.538 LT.	27.77	19.75 (SE)
201 VALLEY GUTTER INLET W/ PRB	2+30.88/10.546 RT.	27.79	19.75 (NW) 19.75 (S)
202 VALLEY GUTTER INLET W/ PRB	4+18.39/10.422 RT.	27.77	18.00 (N) 18.00 (SE)
211 MH	27+30.10/193.284 RT.	31.07	20.50 (S) 20.50 (N)

DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
212 TYPE "C" INLET	24+48.71/188.000 RT.	28.38	20.50 (S) 20.50 (E)
213 VALLEY GUTTER INLET	24+49.72/10.425 RT.	27.64	20.50 (N) 22.00 (SE)
214 VALLEY GUTTER INLET	24+75.34/-10.656 LT.	27.80	22.00 (NW) 22.00 (E)
217 VALLEY GUTTER INLET W/ PRB	29+89.41/-10.007 LT.	27.75	22.00 (NE) 22.00 (SW)

DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
223 VALLEY GUTTER INLET	29+51.02/10.375 RT.	27.75	22.00 (NE)
288 MH W/ PRB	24+75.38/-108.702 LT.	28.96	20.77 (W) 20.77 (SE)
275 TYPE "C" INLET	27+47.67/222.298 RT.	27.00	20.50 (S) 20.50 (N)

CITY OF PORT ST LUCIE PROJECT # P16 - 120

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Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST LUCIE FLORIDA

Kimley»Horn
8875 HIDDEN RIVER PARKWAY, SUITE 300, TAMPA, FL 33637
PHONE: 813-620-1460
WWW.KIMLEY-HORN.COM CA 00000696

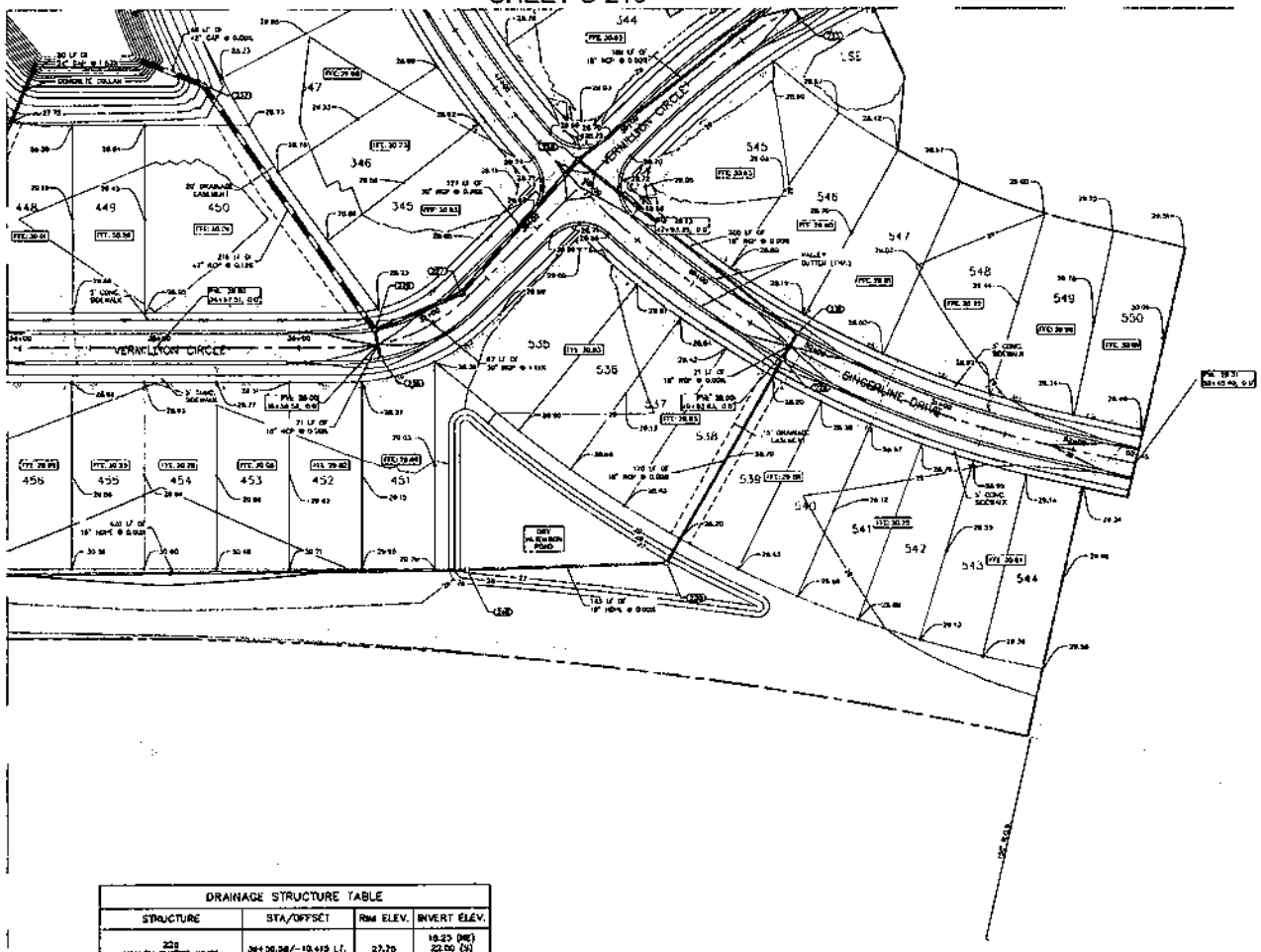
LICENSED PROFESSIONAL	KEVIN F. McGRAW
	KEVIN F. McGRAW 75681
FILE NAME: 04185.C02	
DATE: 07/15/2016	
SCALE: AS SHOWN	
DESIGNED BY: AAS	
DRAWN BY: VJP	
CHECKED BY: KFM	

PAVING, GRADING, AND DRAINAGE PLAN

SHEET NUMBER
C-217

NO.	REVISIONS	BY

SHEET C-216



SHEET C-219

DRAINAGE STRUCTURE TABLE			
STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
228 VALLEY GUTTER INLET	36+56.36/-10.415 LT.	27.75	18.23 (NE) 22.00 (N) 18.25 (NW)
228 MH	47+75.76/-12.588 LT.	28.55	19.50 (SW) 21.50 (SE) 21.00 (NE)
229 VALLEY GUTTER INLET W/ PRB	49+52.93/10.353 RT.	27.75	22.00 (SW) 22.00 (NE)
230 TYPE "C" INLET	49+52.88/179.954 RT.	27.00	22.00 (NE) 22.00 (W)
231 VALLEY GUTTER INLET	49+52.93/-10.477 LT.	27.74	22.00 (SW) 21.30 (NW)
233 VALLEY GUTTER INLET	40+43.88/10.409 RT.	27.75	20.50 (NW)
236 VALLEY GUTTER INLET	36+56.36/10.415 RT.	27.75	22.00 (N)
237 MH W/ PRB	35+31.75/-109.103 LT.	29.22	19.00 (SE) 16.00 (W)
249 TYPE "C" INLET	38+89.49/173.720 RT.	27.00	22.00 (W) 22.00 (E)

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

KEY MAP

LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SLOPE
- PROPOSED SPOT GRADE
- PROPOSED STORM STRUCTURE (SEE DRAINAGE STRUCTURE SCHEDULE)
- PROPOSED STORM PIPE
- PROPOSED STORM INLET
- PROPOSED STORM MANHOLE
- FLOW DIRECTION
- ASPHALT
- BRICK PAVERS

NOTES:
1. MINIMUM CROWN OF ROAD = 26.00'
   MINIMUM FINISHED FLOOR ELEV. = 28.50'
   CONTROL WATER ELEVATION = 13.00' NAVD 88'
2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE UNLESS ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY DRAINING TO VERIFY EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. ALL ELEVATIONS REFERENCED ARE IN NAVD 88'.
5. DRAINAGE PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
6. ALL STORM PIPE, DITCHES, STRUCTURES SHALL BE ENSURED TO ASSURE COMPLETION AT STRUCTURE IS WATERTIGHT.
7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FITTED WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 1' ABOVE FINISH GRADE. COVE SHALL BE LABELED "STORM SEWER".
8. CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH DOWNSTREAM SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
11. GENERAL CONTRACTOR TO SIZE STRUCTURES AND SUBMIT SHOP DRAWINGS TO ENGINEERING FOR VERIFICATION PRIOR TO ORDERING.

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CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

Kimley»Horn
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4415 SOUTH CLEVELAND AVENUE, SUITE 200
FORT MYERS, FL 33907
PHONE: 239-768-1100
WWW.KIMLEY-HORN.COM CA 00000696

NO.	REVISIONS	DATE	BY

LICENSED PROFESSIONAL
NAME
DATE
LICENSE NUMBER 73545

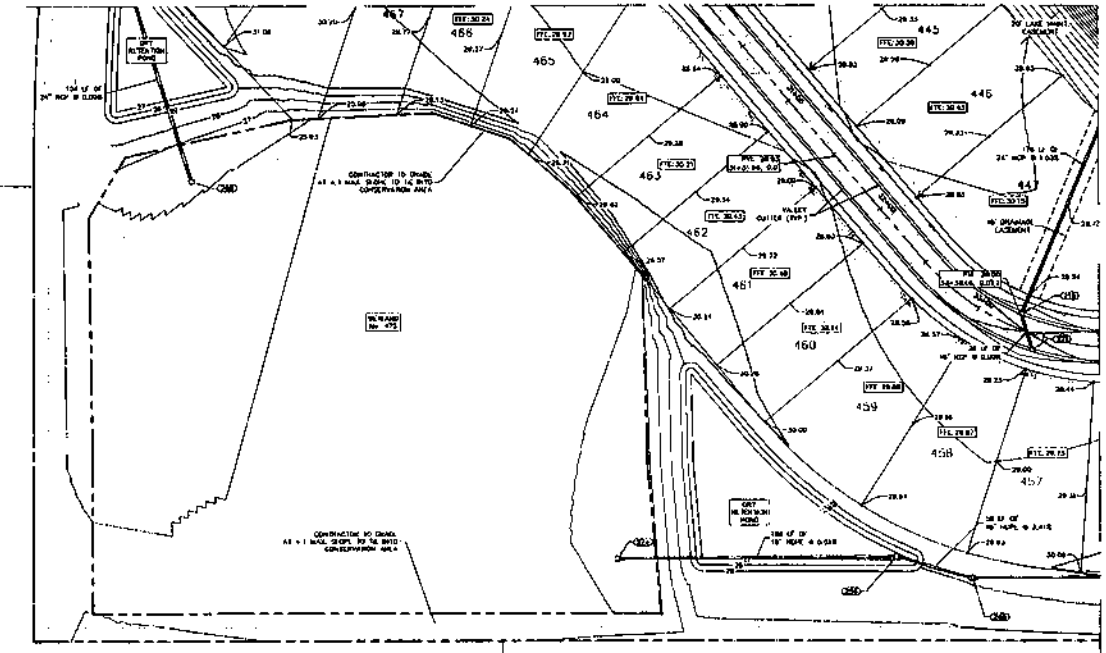
FILE PROJECT 0A7551.C2E
DATE 07/25/2016
SCALE AS SHOWN
DESIGNED BY AJS
DRAWN BY MJP
CHECKED BY KTH

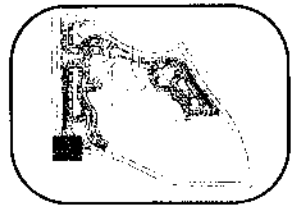
PAVING, GRADING, AND DRAINAGE PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP
FLORIDA
CITY OF PORT ST. LUCIE

SHEET NUMBER
C-218

SHEET C-217





KEY MAP

LEGEND

	PROPERTY LINE
	EXISTING CONTOUR
XXX	PROPOSED CONTOUR
X.XX	PROPOSED SLOPE
X.XX	PROPOSED SPOT GRADE
XX	PROPOSED STORM STRUCTURE (SEE DRAINAGE STRUCTURE SCHEDULE)
	PROPOSED STORM PIPE
	PROPOSED STORM INLET
	PROPOSED STORM MANHOLE
	FLOW DIRECTION
	ASPHALT
	BRICK PAVERS

NOTES:

1. MINIMUM CROWN OF ROAD = 28.00'
   MINIMUM FINISHED FLOOR ELEV. = 29.50'
   CENTRAL WATER ELEVATION = 20.00' (NAVD 88)
2. CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES BEHIND THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
3. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO VERIFY EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
4. ALL ELEVATIONS REFERENCED ARE IN NAVD 88'.
5. DRAINAGE PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
6. ALL STORM PIPE EXISTING STRUCTURES SHALL BE INSPECTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
8. CONTRACTOR SHALL ADJUST AND/OR PUT EXISTING MANHOLES AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
9. CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH CONVERING SPECIFICATIONS UNTIL A HEALTHY STAND OF VEGETATION IS OBTAINED.
10. CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
11. GENERAL CONTRACTOR TO SUPP STRUCTURES AND SUBMIT SHOP DRAWINGS TO ENGINEERING FOR VERIFICATION PRIOR TO ORDERING

DRAINAGE STRUCTURE TABLE

STRUCTURE	STA/OFFSET	RIM ELEV.	INVERT ELEV.
208 TYPE "C" INLET	27+94.63/283.031 RT.	26.00	20.50 (N)
218 VALLEY GUTTER INLET W/ PIPE	33+20.48/-10.813 LT.	27.78	22.00 (NE) 22.00 (S)
221 VALLEY GUTTER INLET	33+45.21/10.879 RT.	27.75	22.00 (N)
229 VALLEY GUTTER INLET W/ PIPE	40+82.93/10.383 RT.	27.75	22.00 (SW) 22.00 (NE)
233 VALLEY GUTTER INLET	40+43.88/10.400 RT.	27.75	20.50 (NW)
248 MH	33+49.73/179.180 RT.	29.15	22.00 (E) 24.87 (W)
266 TYPE "C" INLET	33+22.37/183.885 RT.	27.00	22.78 (E) 22.00 (W)
274 TYPE "C" INLET	32+55.79/304.170 RT.	26.00	21.00 (E)

CITY OF PORT ST. LUCIE PROJECT # P16 - 120

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DIAL 811

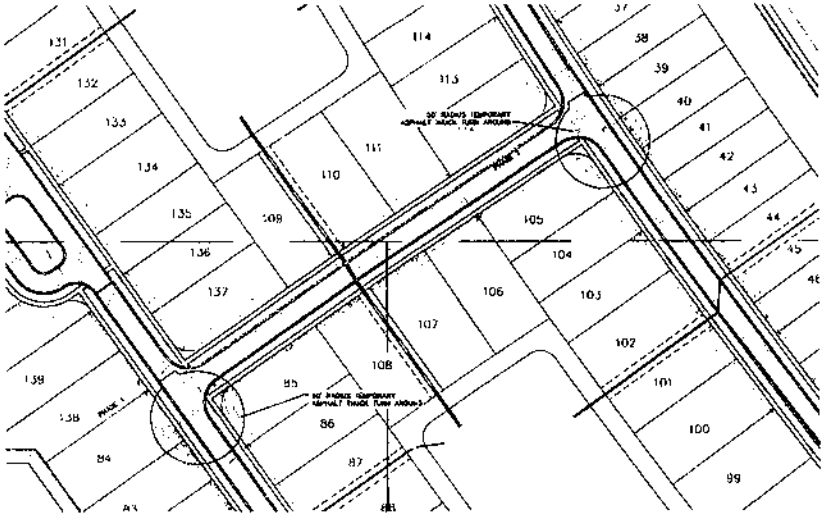
Kimley»Horn

PAVING, GRADING, AND DRAINAGE PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

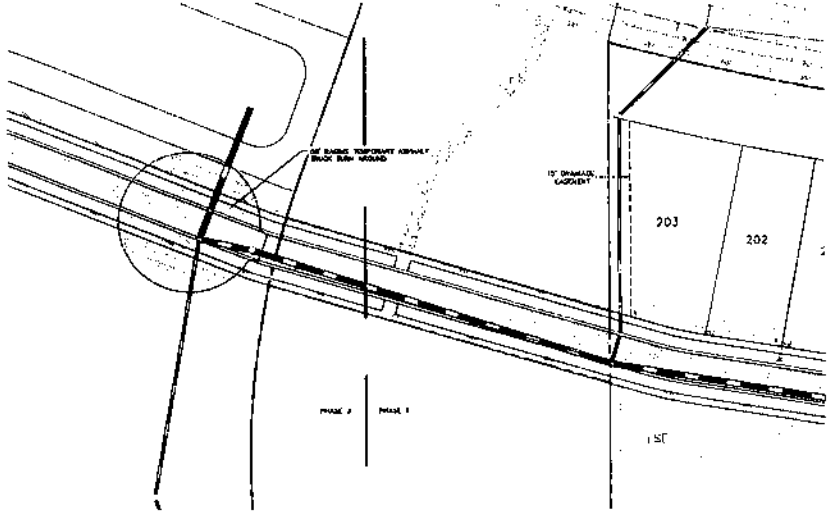
CITY OF PORT ST. LUCIE

SHEET NUMBER
C-219



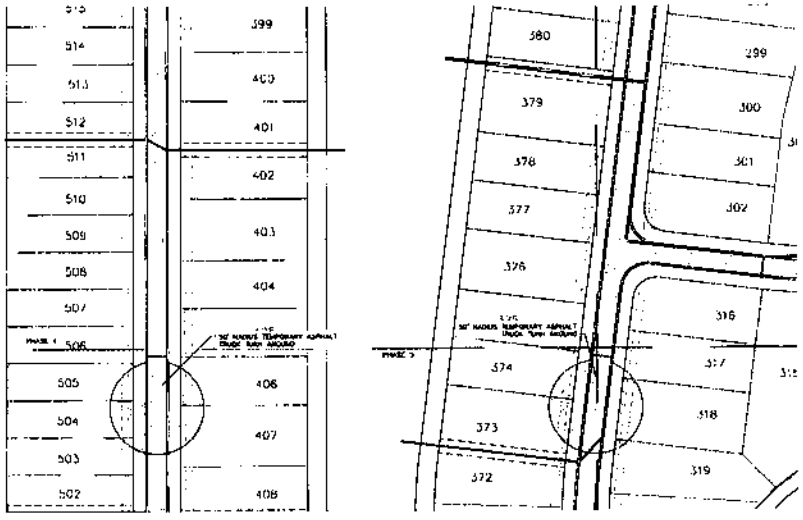
PHASE 1 – PHASE 2 TEMPORARY TRUCK TURN AROUND

SCALE: 1"=60'



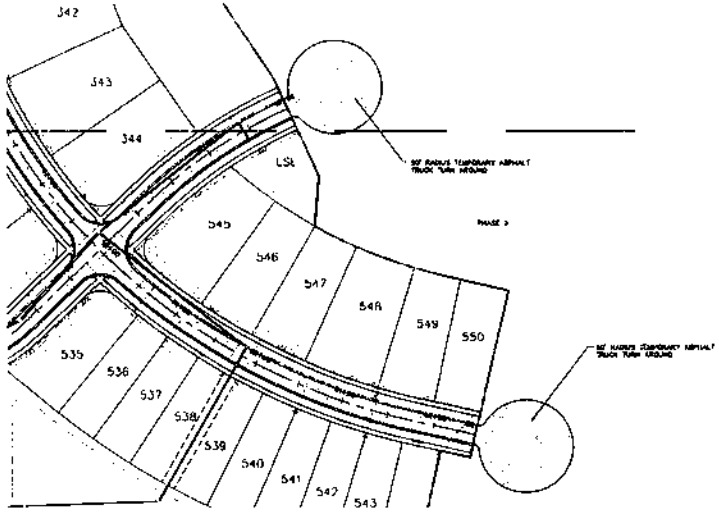
PHASE 1 – PHASE 3 TEMPORARY TRUCK TURN AROUND

SCALE: 1"=40'



PHASE 4 – PHASE 5 TEMPORARY TRUCK TURN AROUND

SCALE: 1"=60'



PHASE 5 – PHASE 6 TEMPORARY TRUCK TURN AROUND

SCALE: 1"=60'

CITY OF PORT ST. LUCIE PROJECT # P16 - 120

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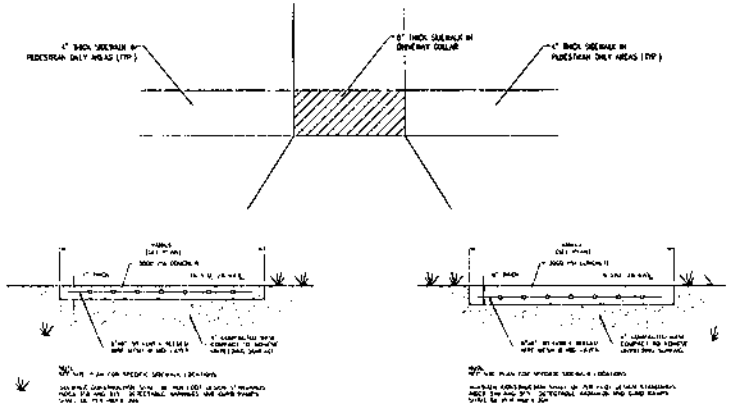
TEMPORARY TURN AROUND PLAN

Del Webb AT TRADITION PREPARED FOR PULTE GROUP

CITY OF PORT ST. LUCIE FLORIDA

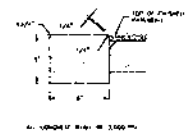
SHEET NUMBER C-220



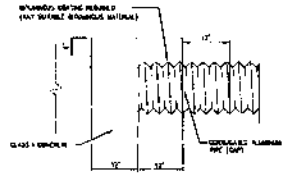
TYPICAL 4" SIDEWALK SECTION

TYPICAL 6" SIDEWALK SECTION

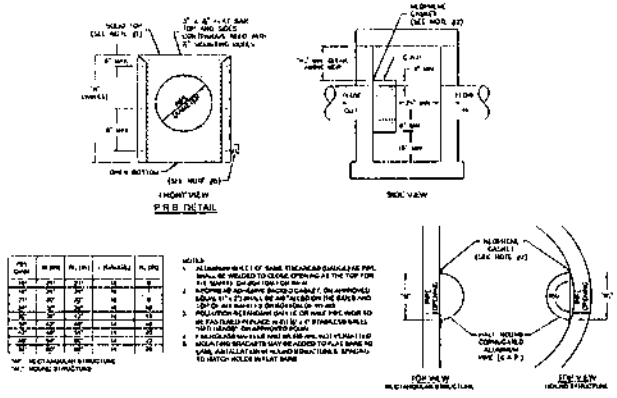
NOTE:
ALL SIDEWALK IN CITY OF PORT ST. LUCIE RIGHT OF WAY SHALL BE 6" PLUS



6" EDGE CURB

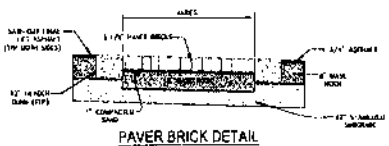


CONCRETE COLLAR DETAIL

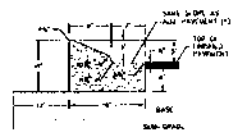


P.R.B. DETAIL

POLLUTION RETARDANT BAFFLE (PRB) DETAILS



PAVER BRICK DETAIL

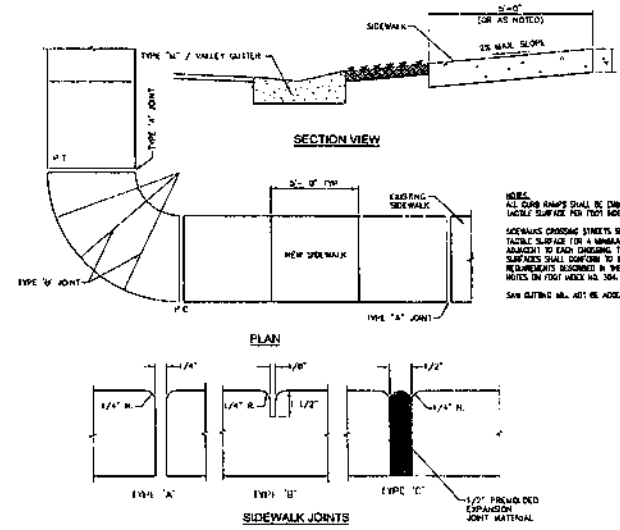


TYPE "E" CURB (MOUNTABLE)

TABLE OF SIDEWALK THICKNESS = "T"	
LOCATION	"T"
RESIDENTIAL AREAS	4"
AT DRIVEWAYS AND OTHER AREAS	6"

NOTE: CONCRETE TO BE 3,000 P.S.I. AT 28 DAYS

TABLE OF SIDEWALK JOINTS	
TYPE	LOCATION
"A"	P.C. AND P.T. OF CURVES.
"B"	5'-0" CENTER TO CENTER ON SIDEWALKS (NOT LESS THAN 4' AND NOT GREATER THAN 10')
"C"	WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS AND SIMILAR STRUCTURES. JUNCTION OF EXISTING AND NEW SIDEWALKS AT INTERVALS NOT GREATER THAN 100'



SECTION VIEW

PLAN

SIDEWALK JOINTS

NOTES:
ALL CURB RAMPS SHALL BE EMBOSSED WITH A TACTILE SURFACE PER FDOT INDEX NO. 304.

SIDEWALKS CROSSING STREETS SHALL HAVE A TACTILE SURFACE FOR A MINIMUM OF 2' ADJACENT TO EACH CROSSING. TACTILE SURFACES SHALL CONFORM TO THE REQUIREMENTS DESCRIBED IN THE GENERAL NOTES ON FDOT INDEX NO. 304.

SAW CUTTING WILL NOT BE ACCEPTED.

SIDEWALK CONSTRUCTION

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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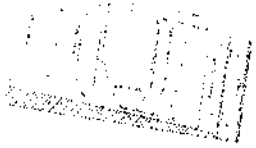
PAVING, GRADING, AND DRAINAGE DETAILS

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

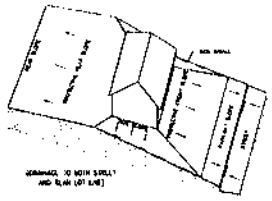
CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-221

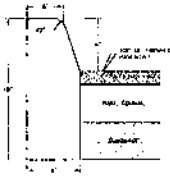
TYPE "M" CURB



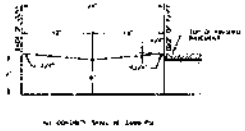
TYPE 'A' LOT GRADING DETAIL



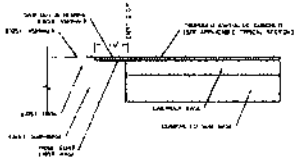
TYPE 'B' LOT GRADING DETAIL



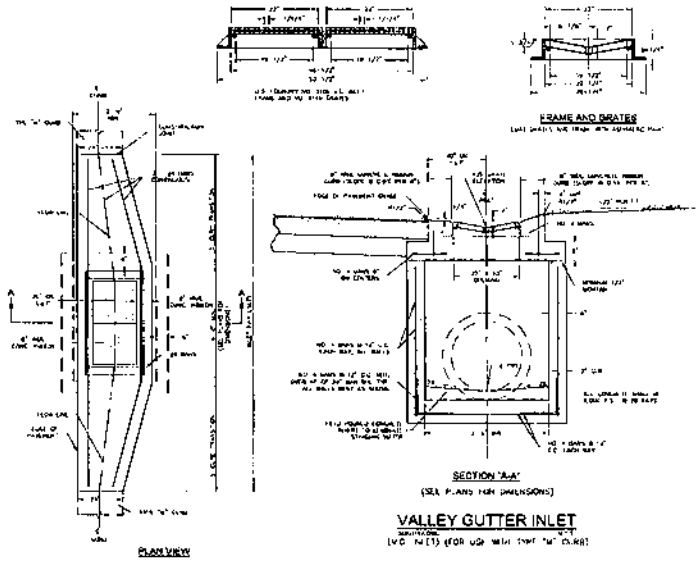
TYPE "D" CURB



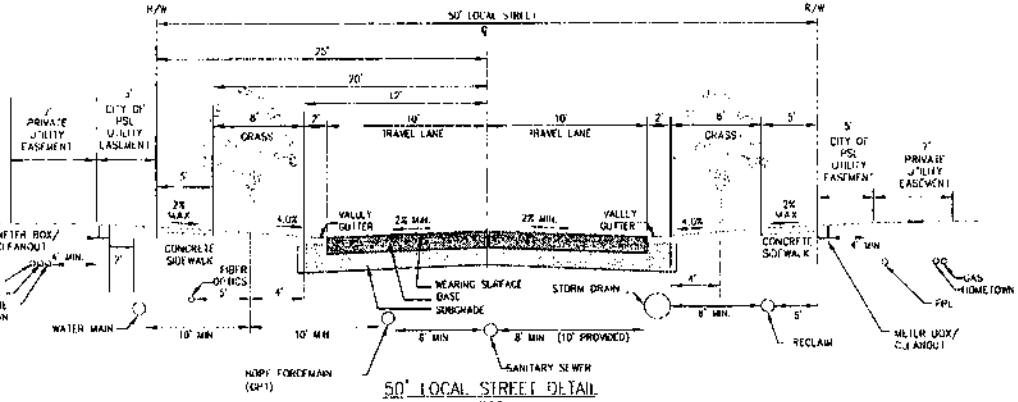
VALLEY GUTTER SECTION



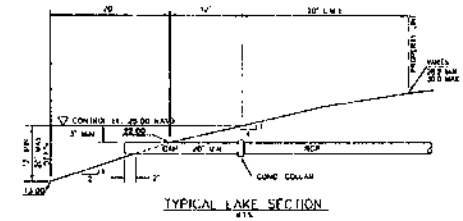
NEW ASPHALT PAVEMENT TIE-IN TYPICAL SECTION



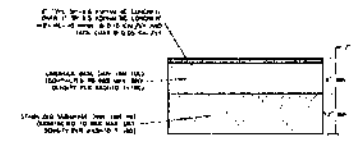
VALLEY GUTTER INLET



50' LOCAL STREET DETAIL



TYPICAL LAKE SECTION



TYPICAL ASPHALTIC CONCRETE PAVEMENT SECTION

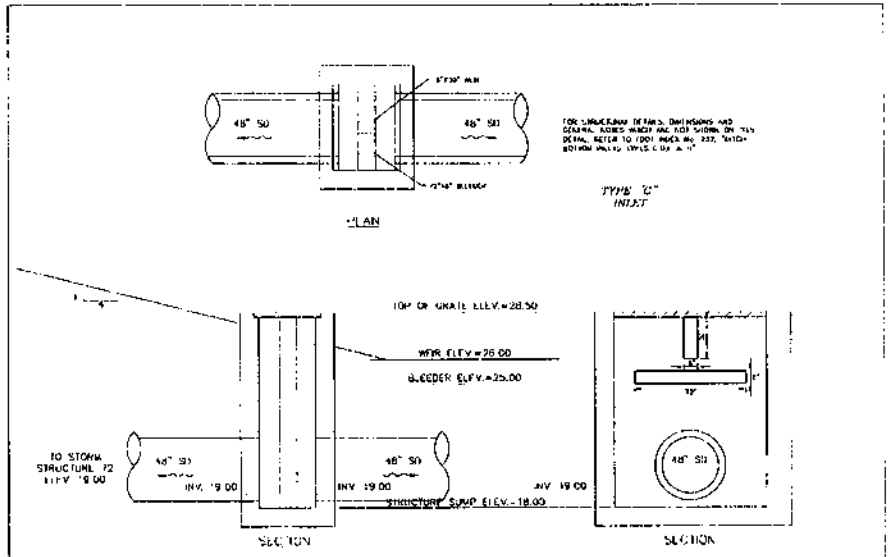
CITY OF PORT ST. LUCIE PROJECT P16 - 120

Kimley»Horn

Del Webb AT TRADITION PREPARED FOR PULTE GROUP

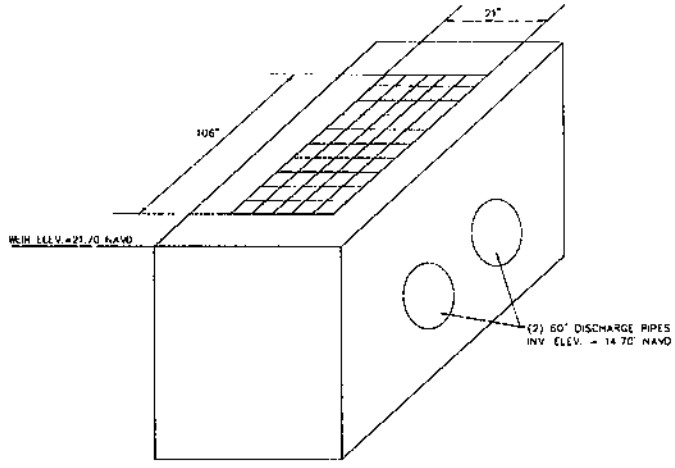
PAVING, GRADING, AND DRAINAGE DETAILS

SHEET NUMBER C-222



CONTROL STRUCTURE DETAIL CS-1

N.T.S.



CONTROL STRUCTURE DETAIL D-02

N.T.S.

CITY OF PORT ST. LUCIE PROJECT # P16 - 120

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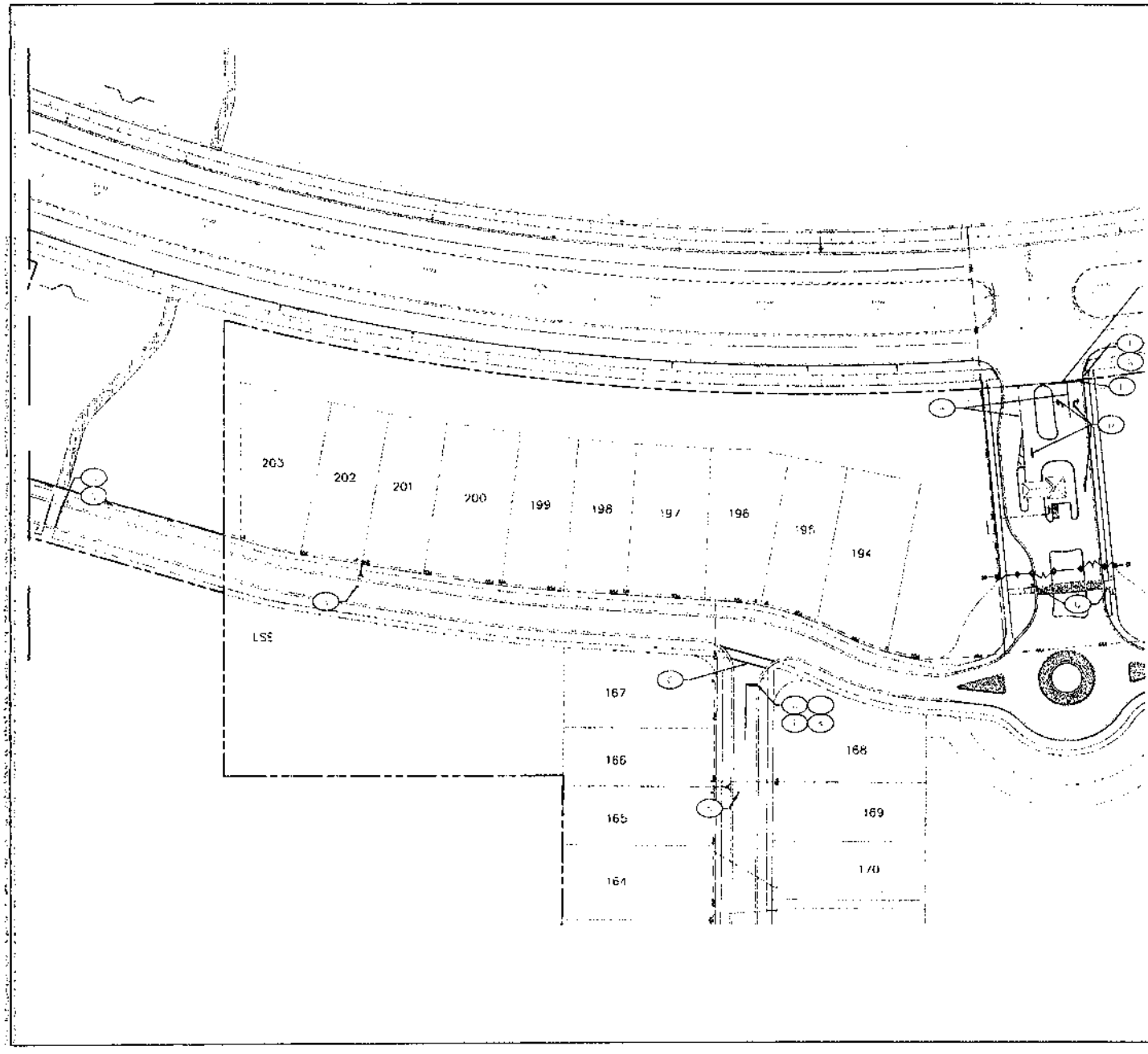
CONTROL STRUCTURE DETAILS

Del Webb AT TRADITION PREPARED FOR PULTE GROUP

CITY OF PORT ST. LUCIE

SHEET NUMBER C-223



KEY MAP

STRIPING KEY

4" SOLID WHITE	4" WIDE YELLOW TYP. (10'-30')
8" SOLID WHITE	SOLID YELLOW STOP
12" SOLID WHITE CROSSWALK BARS 6' (TYP.) APART	RIGHT OUT ONLY SIGN
18" SOLID WHITE	YIELD SIGN
24" SOLID WHITE STOP BAR	DO NOT BLOCK SIGN
4" SKIP WHITE TYP. (10'-30')	PEDESTRIAN CROSSING SIGNS WITH ARROW
4" SKIP WHITE TYP. (6'-10')	FIRE YELLOW
4" SKIP WHITE TYP. (2'-4')	NEW MUNC (PER FRANCH. SEE DETAIL)
8" SOLID YELLOW	STOP SIGN R1-1 (30"X30") WITH STREET DESIGNATION SIGN 6" HIGH WITH 6" LETTERING
8" SOLID WHITE AT 18' (W) TENTOR	SOLID WHITE DIRECTIONAL ARROW
8" DOUBLE YELLOW 30 LF LONG (TYP.)	END OF ROAD WARNING SIGNS CONSIST OF 3 RED REFLECTORS (NEW OR TO 1001 INDEX 17346)

SIGNING AND MARKING NOTES:

1. SIGNS AND PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND PORT ST. LUCIE TYPICAL DRAWINGS FOR ROADWAY SIGNING, STRIPING, AND GEOMETRICS.
2. ALL PAVEMENT MARKINGS ARE TO CONSIST OF 90 MIL EXTRUDED THERMOPLASTIC.
3. RAISED REFLECTIVE PAVEMENT MARKERS (RPM'S) ARE TO CONSIST OF 4-INCH SQUARE BI-DIRECTIONAL BASE.
4. RPM'S SHALL BE POSITIONED IN ACCORDANCE WITH FDOT INDEX 17346 AND THE PLAN, BUT INSTALLED PER POLICE'S STANDARD
5. REFER TO SIGNING KEY FOR STRIPING SPECIFICATIONS.
6. SEE DETAIL SHEET FOR SIGN MOUNTING DETAILS.

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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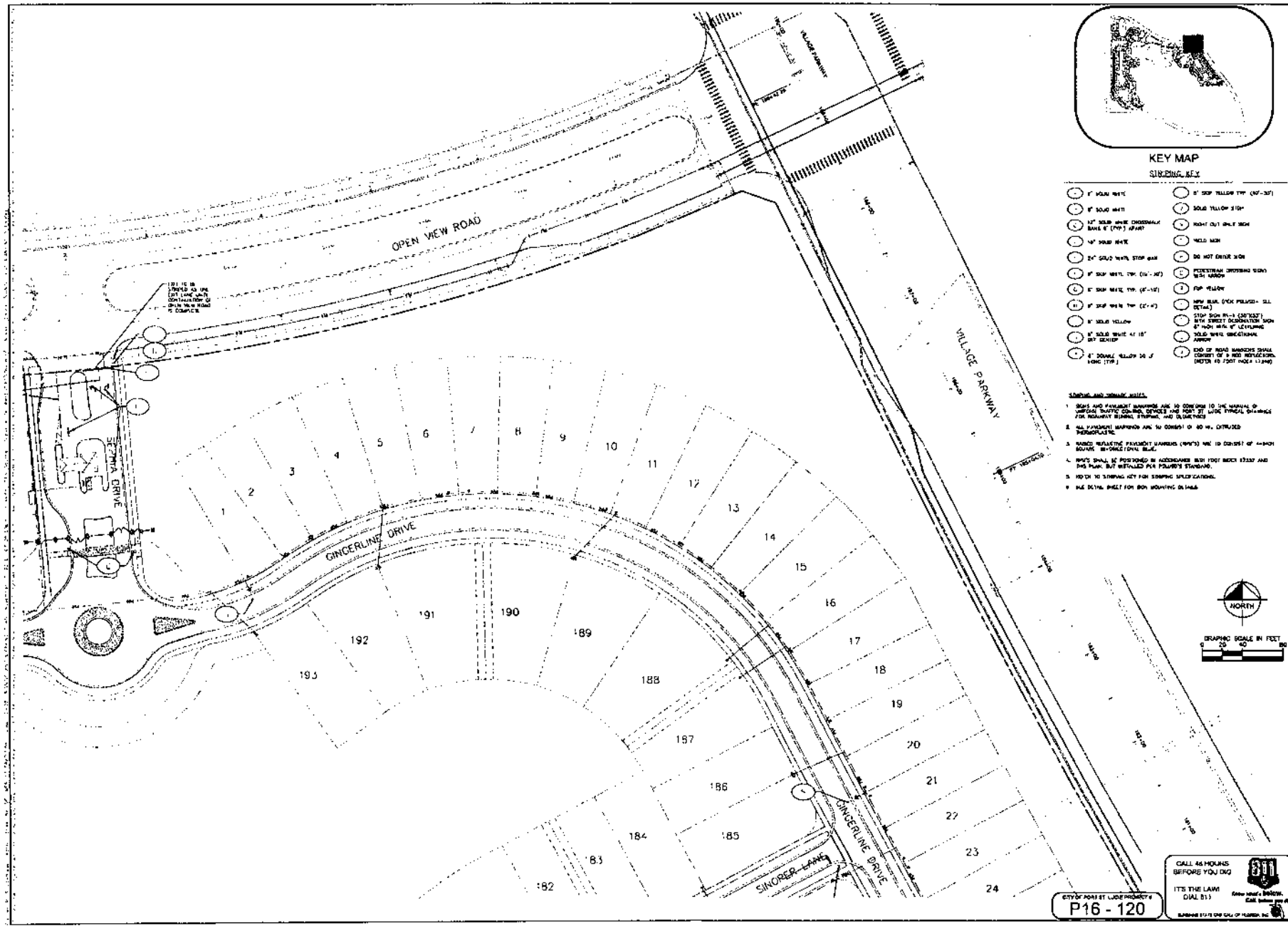
412 E. ATLANTIC BLVD., POMPANO BEACH, FL 33060
PH: 772-781-1575
WWW.KIMLEY-HORN.COM CA 00000696

NO.	REVISIONS	BY
1		
2		
3		
4		
5		

DEL WEBB
AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

SIGNING AND MARKING PLAN

SHEET NUMBER
C-250



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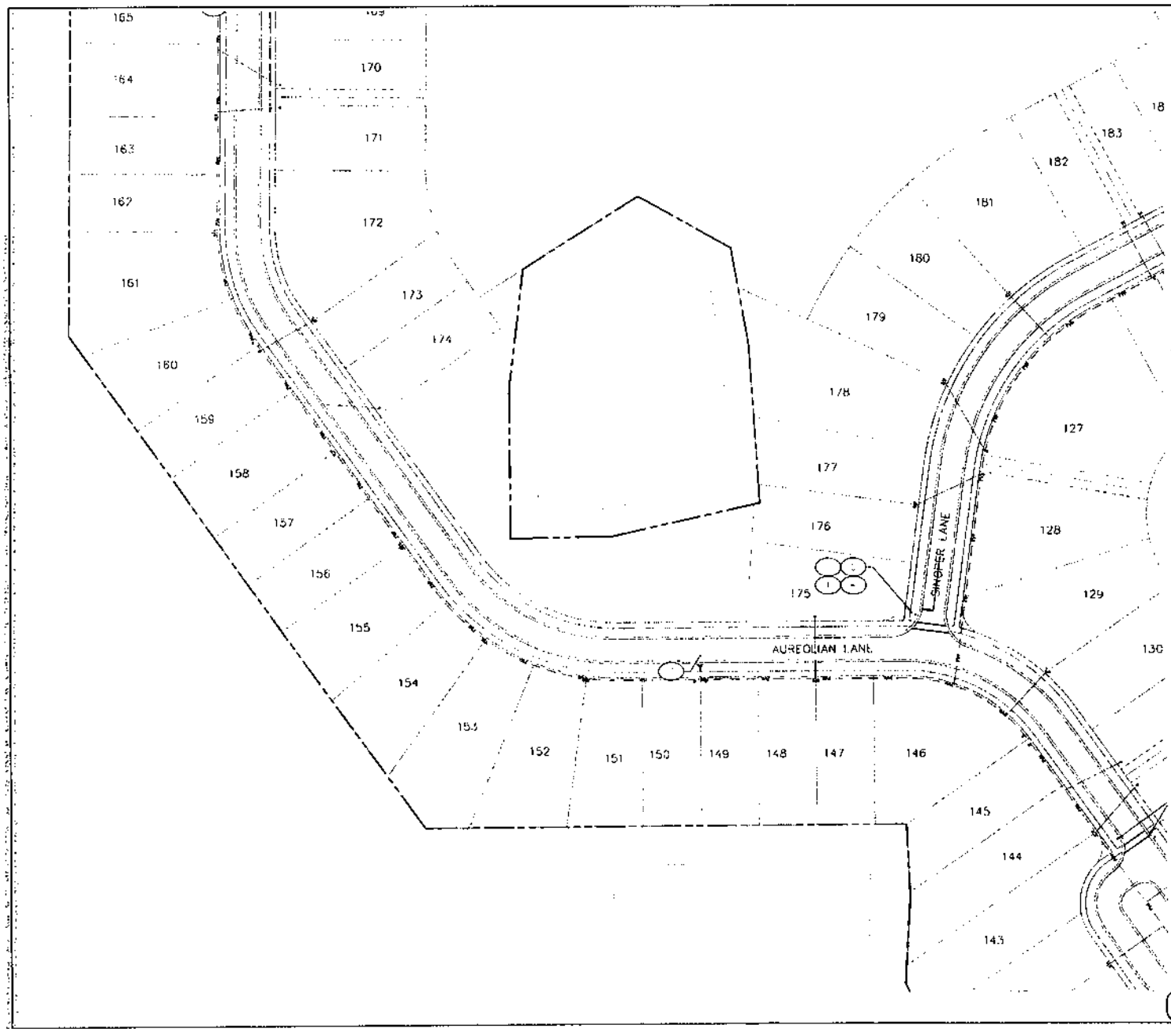
SIGNING AND MARKING PLAN

Del Webb AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-251



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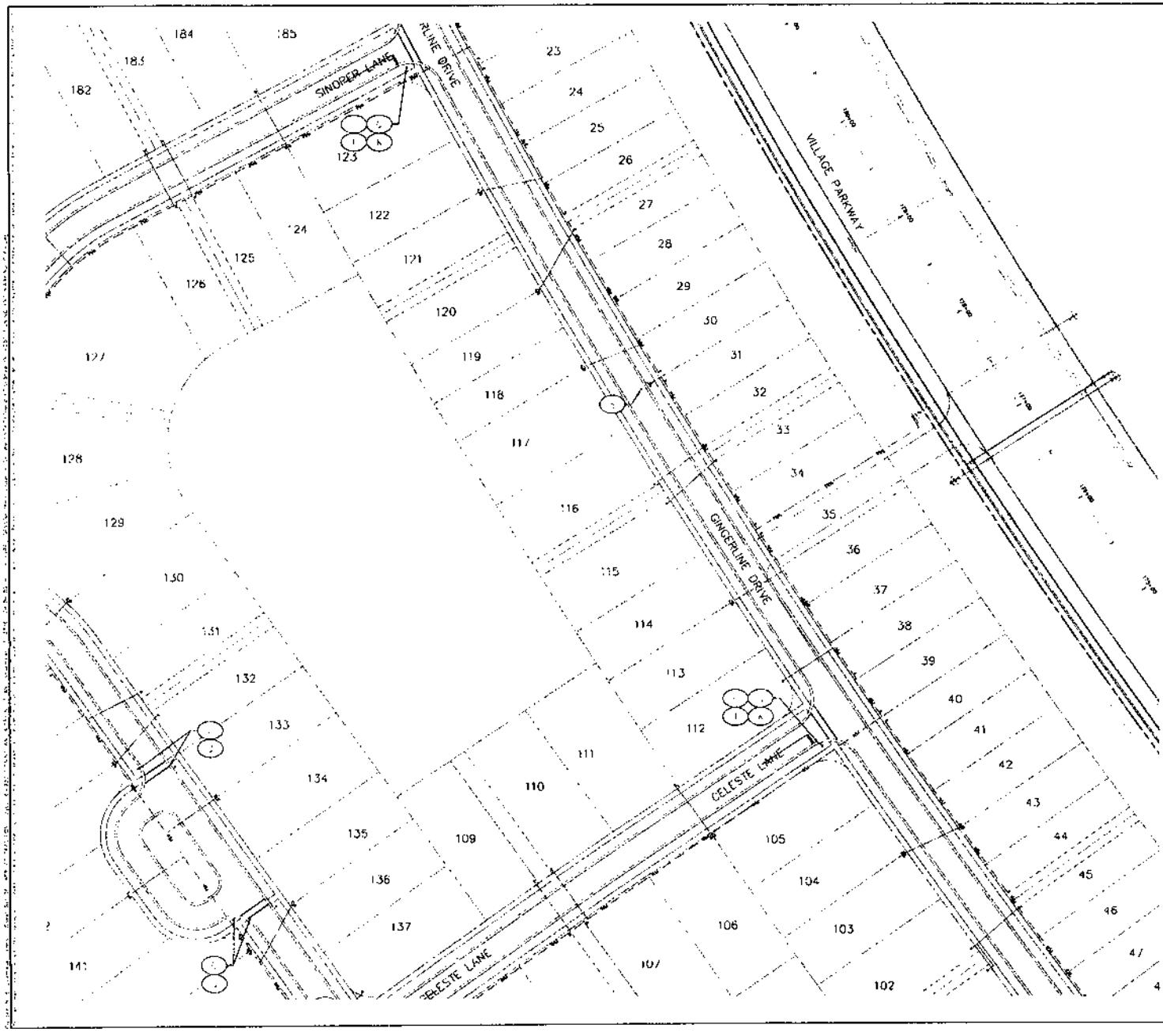
SIGNING AND MARKING PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST. LUCIE

FLORIDA

SHEET NUMBER
C-252



STRIPING KEY

- 4" SOLID WHITE
- 6" SOLID WHITE
- 12" SOLID WHITE CROSSWALK BARS 8' (TYP.) APART
- 18" SOLID WHITE
- 24" SOLID WHITE STOP BAR
- 6" SKIP WHITE TYP. (10'-30')
- 6" SKIP WHITE TYP. (8'-10')
- 6" SKIP WHITE TYP. (2'-4')
- 6" SOLID YELLOW
- 6" SOLID WHITE AT 18" ON CENTER
- 6" DOUBLE YELLOW 30 LF LONG (TYP.)
- 6" SKIP YELLOW TYP. (10'-30')
- SOLID YELLOW STOP
- RIGHT CUT ONLY SIGN
- YIELD SIGN
- DO NOT ENTER SIGN
- PEDESTRIAN CROSSING SIGNS WITH ARROW
- FOP YELLOW
- MPM BLUE (PER PEDESTRIAN SEE DETAIL)
- STOP SIGN R1-1 (30"X30") WITH STREET DESIGNATION SIGN 8' HIGH WITH 6" LETTERING
- SOLID WHITE DIRECTIONAL ARROW
- END OF ROAD MARKERS SHALL CONSIST OF 4 RED REFLECTORS (REFER TO FDOT INDEX 17346)

SIGNING AND SIGNAGE NOTES:

1. SIGNS AND PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND PORT ST. LUCIE TYPICAL DIAGRAMS FOR REGULATORY SIGNING, STRIPING AND BLOCKOUTS.
2. ALL PAVEMENT MARKINGS ARE TO CONSIST OF 90 MIL EXTRUDED THERMOPLASTIC.
3. RAISED REFLECTIVE PAVEMENT MARKING (RPM'S) ARE TO CONSIST OF 4-MIL SQUARE BI-DIRECTIONAL BLUE.
4. RPM'S SHALL BE POSITIONED IN ACCORDANCE WITH FDOT INDEX 17302 AND THIS PLAN, BUT INSTALLED PER PRUNER'S STANDARD.
5. REFER TO STRIPING KEY FOR STRIPING SPECIFICATIONS.
6. SEE DETAIL SHEET FOR SIGN MOUNTING DETAILS.

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA: 00000696

NO.	REVISIONS	DATE	BY
1	REVISED PER CITY COMMENTS	07/25/2016	

CIVIL PROFESSIONAL
"IN ATN" - HUGHES
STATE LICENSE NUMBER 75485

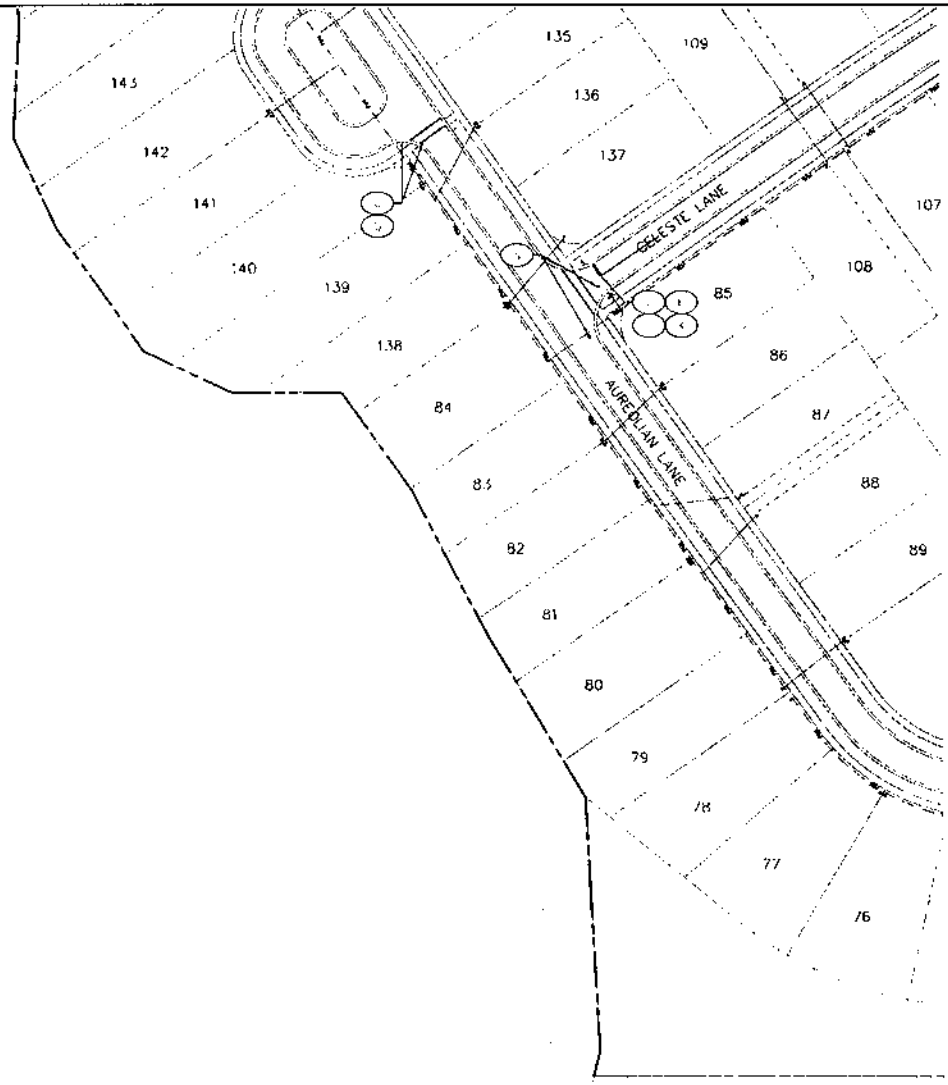
KHA PROJECT	047867000
DATE	07/25/2016
SCALE AS SHOWN	
DESIGNED BY	AAS
DRAWN BY	M.P.
CHECKED BY	M.K.

SIGNING AND MARKING PLAN

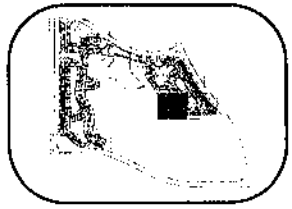
Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-253



GRAPHIC SCALE IN FEET
0 20 40 80



KEY MAP

STRIPING KEY

- 4" SOLID WHITE
- 8" SOLID WHITE
- 12" SOLID WHITE CROSSWALK BARS 8' (TYP.) APART
- 18" SOLID WHITE
- 24" SOLID WHITE STOP BAR
- 6" SKIP WHITE TYP. (10'-40')
- 6" SKIP WHITE TYP. (6'-10')
- 6" SKIP WHITE TYP. (3'-4')
- 6" SOLID YELLOW
- 6" SOLID WHITE AT 18" OFF CURB
- 6" DOUBLE YELLOW 50 LF LONG (TYP.)
- 6" SKIP YELLOW TYP. (10'-40')
- SOLID YELLOW STOP
- RIGHT OUT ONLY SIGN
- YIELD SIGN
- 30 MPH SPEED SIGN
- PEDESTRIAN CROSSING WORK WITH ARROW
- FDOT YELLOW
- ARM BLUE (FOR PELICAN SEE DETAIL)
- STOP SIGN R1-1 (30"x30") WITH STREET DESIGNATION SIGN 6' HIGH WITH 4" LETTERING
- SOLID WHITE DIRECTIONAL ARROW
- END OF ROAD MARKERS SHALL CONSIST OF 3 RED REFLECTORS. (REFER TO FDOT INDEX 17346)

STRIPING AND SIGNAGE NOTES:

1. SIGNS AND PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND PORT ST. LUCIE TYPICAL DRAWINGS FOR ROADWAY SIGNING, STRIPING, AND GUIDENCE.
2. ALL PAVEMENT MARKINGS ARE TO CONSIST OF 90 MIL EXTRUDED THERMOPLASTIC.
3. RAISED REFLECTIVE PAVEMENT MARKERS (RPM'S) ARE TO CONSIST OF 4-INCH SQUARE BI-DIRECTIONAL BLUE.
4. RPM'S SHALL BE POSITIONED IN ACCORDANCE WITH FDOT INDEX 17351 AND THIS PLAN, BUT INSTALLED PER PRUDDER'S STANDARD.
5. REFER TO STRIPING KEY FOR STRIPING SPECIFICATIONS.
6. SEE DETAIL SHEET FOR SIGN MOUNTING DETAILS.

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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1555 PALM BEACH LAKES BLVD., STE. 200, WEST PALM BEACH, FL 33401
PHONE: 561-845-0665
WWW.KIMLEY-HORN.COM CA 00000696

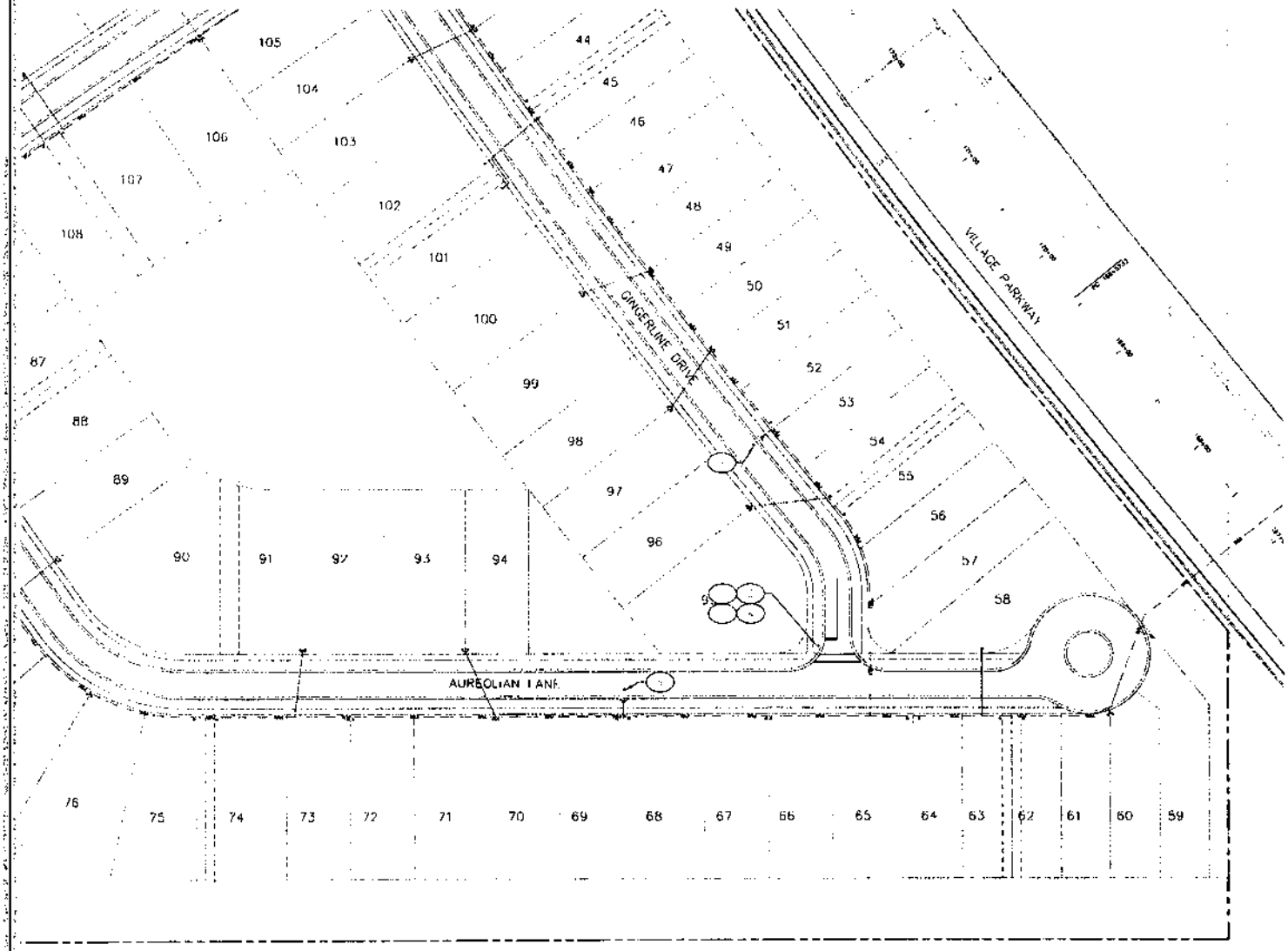
No	REVISION	DATE	BY

CALL PROJECT 04283020	LICENSED PROFESSIONAL
DATE 07/25/2016	WALKER W. SLOAN
SCALE AS SHOWN	EXP. DATE NUMBER 75481
DESIGNED BY MAS	
DRAWN BY MJB	
CHECKED BY WWS	DATE

SIGNING AND MARKING PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-254



KEY MAP

STRIPING KEY

- 6" SOLID WHITE
- 6" SOLID WHITE
- 12" SOLID WHITE CROSSWALK BARS 6' (TYP.) APART
- 18" SOLID WHITE
- 24" SOLID WHITE STOP BAR
- 6" SKIP WHITE TYP. (10'-30')
- 6" SKIP WHITE TYP. (8'-10')
- 6" SKIP WHITE TYP. (2'-5')
- 6" SOLID YELLOW
- 6" SOLID WHITE AT 48" OFF CENTER
- 6" DOUBLE YELLOW 30 LF LONG (TYP.)
- 6" SKIP YELLOW STP (10'-30')
- SOLID YELLOW STOP
- RIGHT OUT ONLY SIGN
- YIELD SIGN
- DO NOT ENTER SIGN
- PEDESTRIAN CROSSING SIGNS WITH ARROW
- TOP YELLOW
- HPS BLUE (SEE POLE SIZE DETAIL)
- STOP SIGN 30"x30" WITH STREET DESIGNATION SIGN 8" HIGH WITH 6" LETTERING
- SOLID WHITE DIRECTIONAL ARROW
- END OF ROAD MARKERS SHALL CONSIST OF 3 HCR REFLECTORS. (REFER TO TDOT INDEX 17348)

SIGNING AND SIGNAGE NOTES:

1. SIGNS AND PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND PORT ST. LUCIE TYPICAL DRAWINGS FOR ROADWAY SIGNING, STRIPING AND CLEARENCE.
2. ALL PAVEMENT MARKINGS ARE TO CONSIST OF 90 MIL EXTRUDED THERMOPLASTIC.
3. RAISED REFLECTIVE PAVEMENT MARKERS (RPM'S) ARE TO CONSIST OF 4-INCH SQUARE BI-DIRECTIONAL BLUE.
4. RPM'S SHALL BE POSITIONED IN ACCORDANCE WITH TDOT INDEX 17302 AND THIS PLAN, BUT INSTALLED PER PSL/D'S STANDARD.
5. REFER TO STRIPING NLY TDE STRIPING SPECIFICATIONS.
6. SEE DETAIL SHEET FOR SIGN MOUNTING DETAILS.

CITY OF PORT ST LUCIE PROJECT #
P16 - 120

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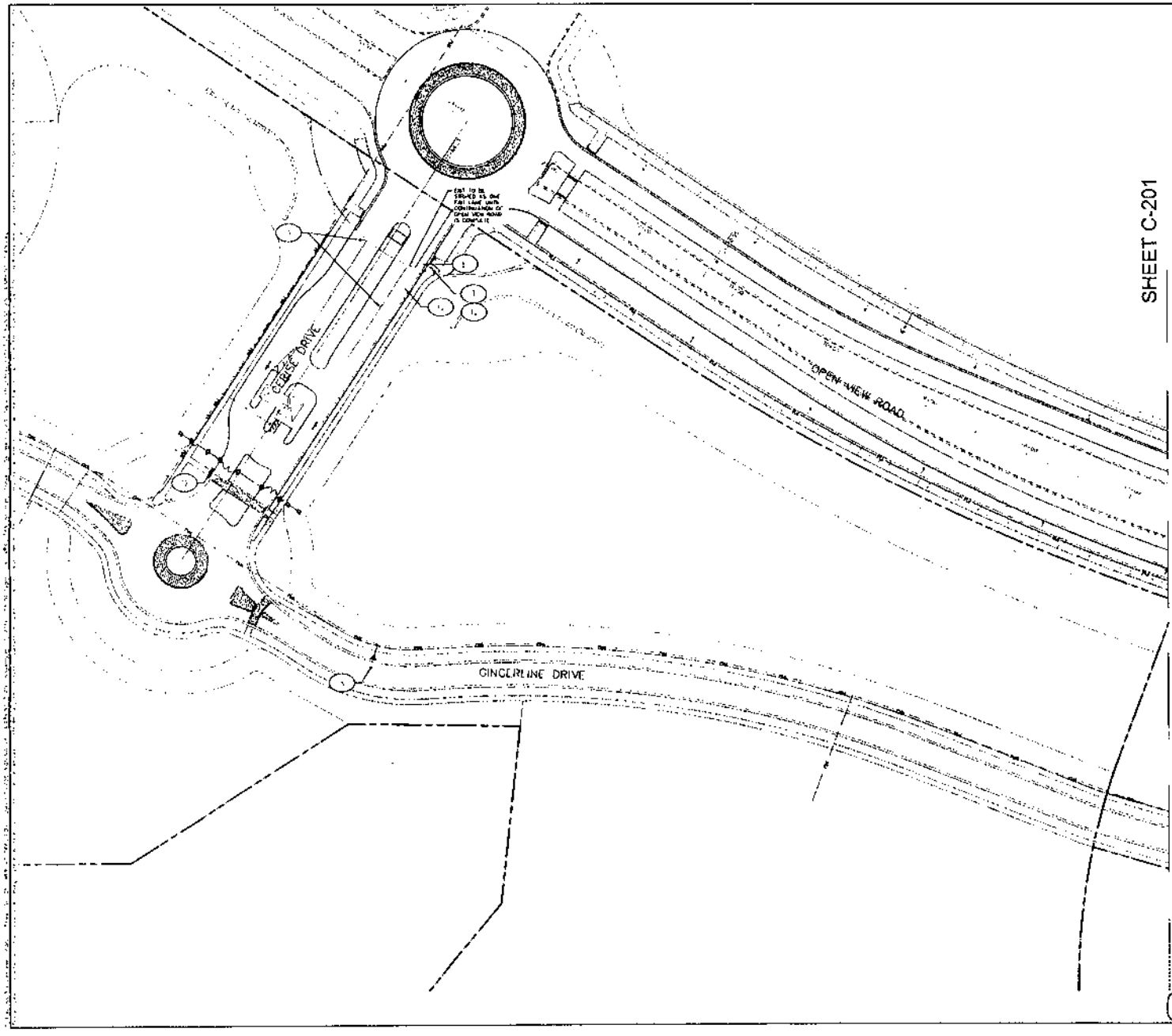
CITY PROJECT	04785/7020
DATE	07-15-2016
SCALE	AS SHOWN
DESIGNED BY	JAS
DRAWN BY	VJ
CHECKED BY	[illegible]

SIGNING AND MARKING PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST LUCIE FLORIDA

SHEET NUMBER
C-255



SHEET C-201

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

KEY MAP

STRIPING KEY

- 6" SOLID WHITE
- 6" SOLID WHITE
- 12" SOLID WHITE CROSSWALK BARS 6' (TYP.) APART
- 18" SOLID WHITE
- 24" SOLID WHITE STOP BAR
- 6" SKIP WHITE TYP. (10'-30')
- 6" SKIP WHITE TYP. (6'-10')
- 6" SKIP WHITE TYP. (2'-6')
- 6" SOLID YELLOW
- 6" SOLID WHITE AT 18' OFF CURBS
- 6" DOUBLE YELLOW 30 LF LONG (TYP.)
- 6" SKIP YELLOW TYP. (10'-30')
- SOLID YELLOW STOP
- RIGHT OUT ONLY SIGN
- YIELD SIGN
- DO NOT ENTER SIGN
- PEDESTRIAN CROSSING SIGNS WITH ARROW
- TSP YELLOW
- RPM BLUE (PAR PAUSED- SEE DETAIL)
- STOP SIGN (R1-1) (30"x30") WITH STREET DESIGNATION SIGN 8" HIGH WITH 8" LETTERING
- SOLID WHITE DIRECTIONAL ARROW
- END OF ROAD MARKERS (R4-2) CONSIST OF 3 RPD REFLECTORS (REFER TO FDOT INDEX 17346)

SIGNING AND SIGNAGE NOTES:

1. SIGNS AND PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND PORT ST. LUCIE TYPICAL DRAWINGS FOR ROADWAY SIGNING, STRIPING, AND GEOMETRICS.
2. ALL PAVEMENT MARKINGS ARE TO CONSIST OF 90 MIL EXTRUDED THERMOPLASTIC.
3. RAISED REFLECTIVE PAVEMENT MARKERS (RPM'S) ARE TO CONSIST OF 4-INCH SQUARE, BI-DIRECTIONAL BLUE.
4. RPM'S SHALL BE POSITIONED IN ACCORDANCE WITH FDOT INDEX 17352 AND THIS PLAN, BUT INSTALLED PER PSLUSE'S STANDARD
5. REFER TO STRIPING KEY FOR STRIPING SPECIFICATIONS.
6. SEE DETAIL SHEET FOR SIGN MOUNTING DETAILS.

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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REVISIONS	DATE	BY

Kimley»Horn
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4415 PGA BOULEVARD, SUITE 100, PALM BEACH GARDENS, FL 33410
PHONE: 561-691-4100
WWW.KIMLEY-HORN.COM CA 00000696

CERTIFICATE OF AUTHORIZATION NUMBER

KEVIN E. HOLSINGER
STATE OF FLORIDA LICENSE NUMBER 73415

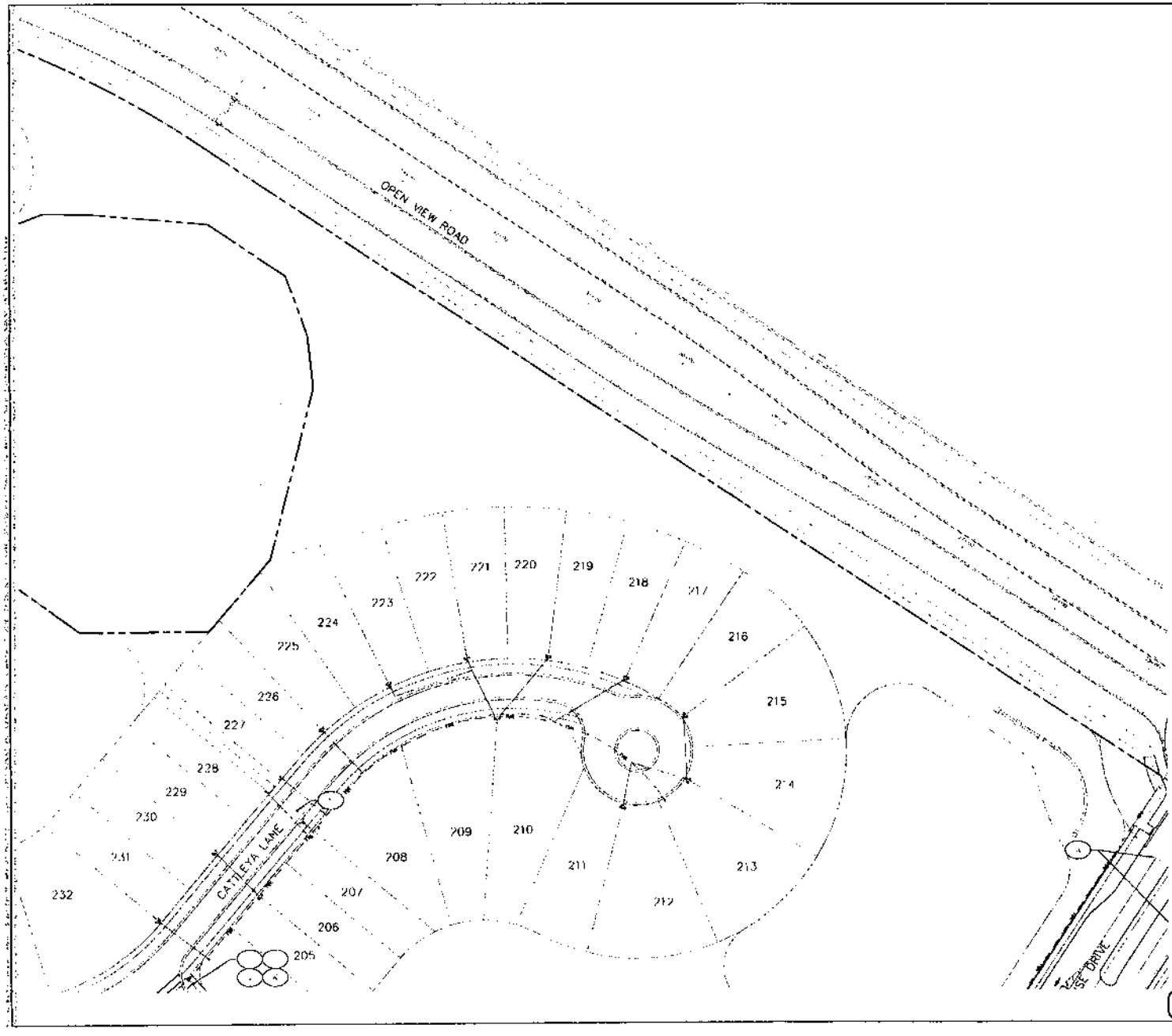
PROJECT NO.	042851220
DATE	07/25/2016
SCALE	AS SHOWN
DESIGNED BY	AKB
DRAWN BY	KJO
CHECKED BY	KEH

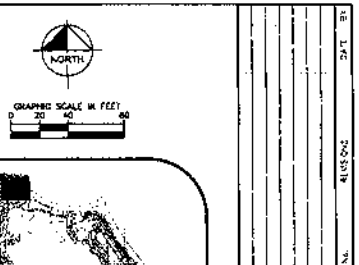
SIGNING AND MARKING PLAN

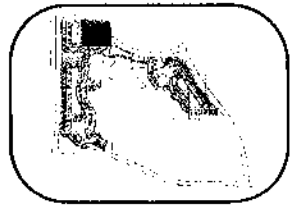
Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-256







KEY MAP

STRIPING KEY

4" SOLID WHITE	6" SKIP YELLOW TYP. (10'-30')
6" SOLID WHITE	SOLID YELLOW STOP
10" SOLID WHITE CROSSWALK BARS 8' (TYP.) APART	RIGHT OUT ONLY SIGN
18" SOLID WHITE	YIELD SIGN
24" SOLID WHITE STOP BAR	DO NOT ENTER SIGN
6" SKIP WHITE TYP. (10'-30')	PEDESTRIAN CROSSING WORD WITH ARROW
6" SKIP WHITE TYP. (6'-10')	4" YELLOW
8" SKIP WHITE TYP. (2'-4')	NEW BLUE (PER PSLUSD+ SCZ DETAIL)
6" SOLID YELLOW	STOP SIGN R1-1 (30"x30") WITH STREET DESIGNATION SIGN 6" HIGH WITH 6" LETTERING
6" SOLID WHITE AT 16" OFF CENTER	SOLID WHITE DIRECTIONAL ARROW
6" DOUBLE YELLOW 80 LF (ONE) (TYP.)	ONE OF ROAD MARKERS SHALL CONSIST OF 8 RED REFLECTORS (REFER TO FDOT INDEX 17948)

STRIPING AND SIGNAGE NOTES:

1. SIGNS AND PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND PORT ST. LUCIE TYPICAL DRAWINGS FOR ROADWAY SIGNAGE, STRIPING AND GUARDRAIL.
2. ALL PAVEMENT MARKINGS ARE TO CONSIST OF 90 mil EXTRUDED THERMOPLASTIC.
3. RAISED REFLECTIVE PAVEMENT MARKERS (RPM'S) ARE TO CONSIST OF 4-inch SQUARE BI-DIRECTIONAL BLUE.
4. RPM'S SHALL BE INSTALLED IN ACCORDANCE WITH FDOT INDEX 17346 AND THEY SHALL BE INSTALLED PER POLICE'S STANDARDS.
5. REFER TO STRIPING KEY FOR STRIPING SPECIFICATIONS.
6. SEE DETAIL SHEET FOR SIGN MOUNTING DETAILS.

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA 00000696

No.	REVISIONS	DATE
1	41155 CN-2	12-17-13

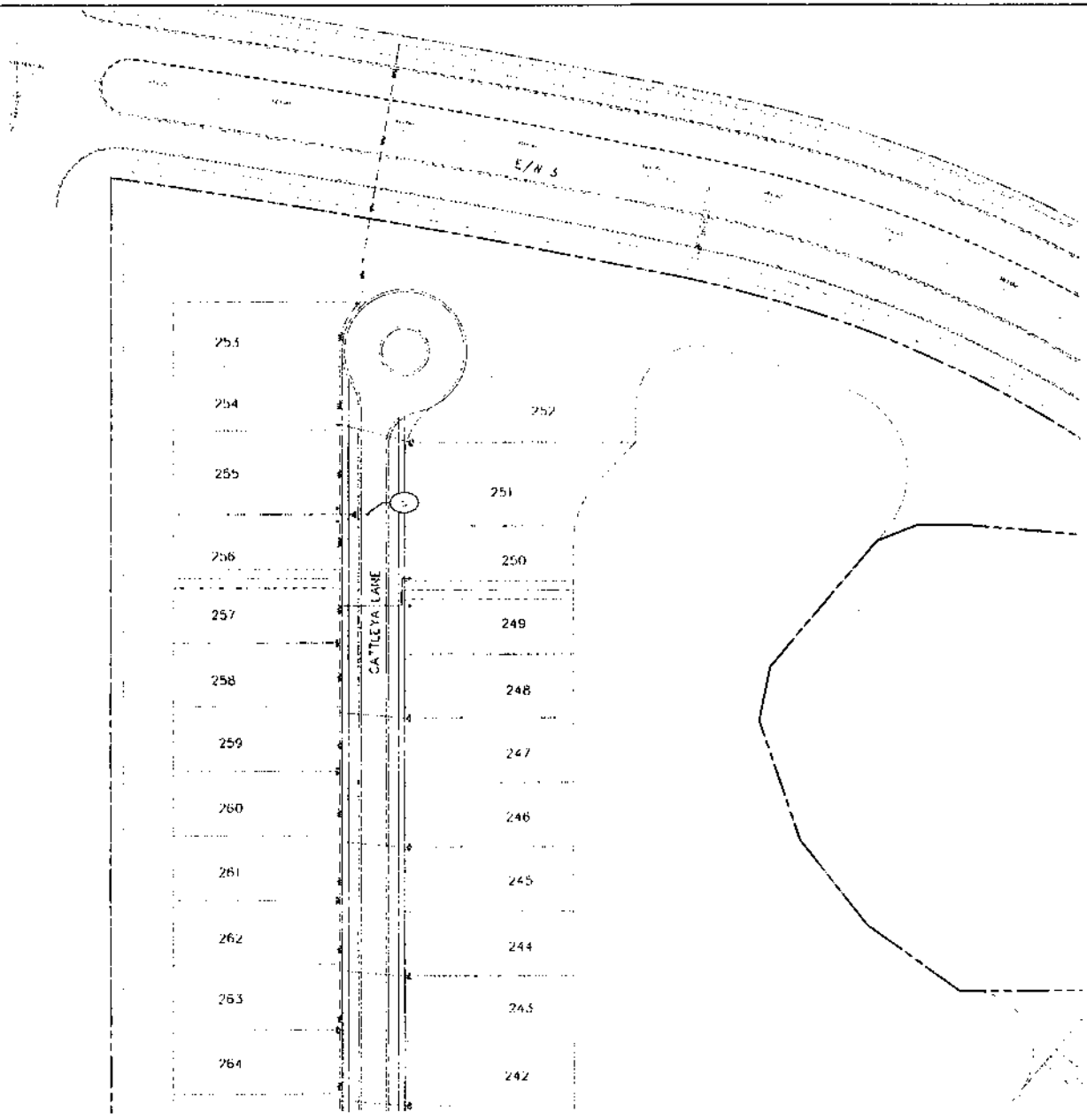
DESIGNED BY: PARTNERS
PARTNERS / WORKERS
SIZE: 24"x36"

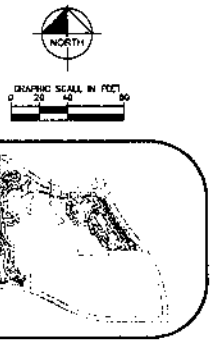
KHA PROJECT 041855002	DATE 07/15/2014
SCALE: AS SHOWN	
DESIGNED BY: ASS	DRAWN BY: MJS
CHECKED BY: MJS	DATE: 07/14/14

SIGNING AND MARKING PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-257





KEY MAP

STRIPING KEY

- 4" SOLID WHITE
- 8" SOLID WHITE
- 12" SOLID WHITE CROSSWALK BARS 8' (TYP.) APART
- 24" SOLID WHITE
- 24" SOLID WHITE STOP BAR
- 8" SKIP WHITE TYP. (10'-30')
- 8" SKIP WHITE TYP. (8'-10')
- 8" SKIP WHITE TYP. (3'-4')
- 8" SOLID YELLOW
- 8" SOLID WHITE AT 18" OFF CENTER
- 8" DOUBLE YELLOW 50 LF LONG (TYP.)
- 8" SKIP YELLOW TYP. (10'-30')
- SOLID YELLOW STOP
- RIGHT OUT ONLY SIGN
- "OLD" SIGN
- DO NOT ENTER SIGN
- PEDESTRIAN CROSSING SIGNS WITH ARROW
- TOP YELLOW
- NEW BLUE (PAV PRAVER- SEE DETAIL)
- STOP BOX TYP.1 (40'x30') WITH STROLE DESIGNATION SIGN 8' HIGH WITH 8" LETTERING
- SOLID WHITE DIRECTIONAL ARROW
- END OF ROAD MARKERS SHALL CONSIST OF 3 RED REFLECTORS (NOTE 10 FOOT BACK STAKE)

SIGNING AND MARKING NOTES:

1. SIGNS AND PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND PORT ST. LUCIE TYPICAL DRAWINGS FOR ROADWAY SIGNING, STRIPING, AND GUIDE NOTES.
2. ALL PAVEMENT MARKINGS ARE TO CONSIST OF NO MIX EXTRUDED THERMOPLASTIC.
3. RAISED REFLECTIVE PAVEMENT MARKERS (RPM'S) ARE TO CONSIST OF 4-INCH SQUARE BI-DIRECTIONAL BLUE.
4. RPM'S SHALL BE MONTGOMERY IN ACCORDANCE WITH FDOT INDEX 17352 AND THIS PLAN, BUT INSTALLED PER PSL/USB STANDARD
5. REFER TO STRIPING KEY FOR STRIPING SPECIFICATIONS
6. SEE DETAIL SHEET FOR SIGN MOUNTING DETAILS.

CITY OF PORT ST LUCIE PROJECT #
P16 - 120

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No.	REVISIONS	DATE	BY

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PHONE: 561-624-8100
WWW.KIMLEY-HORN.COM CA: 00000696

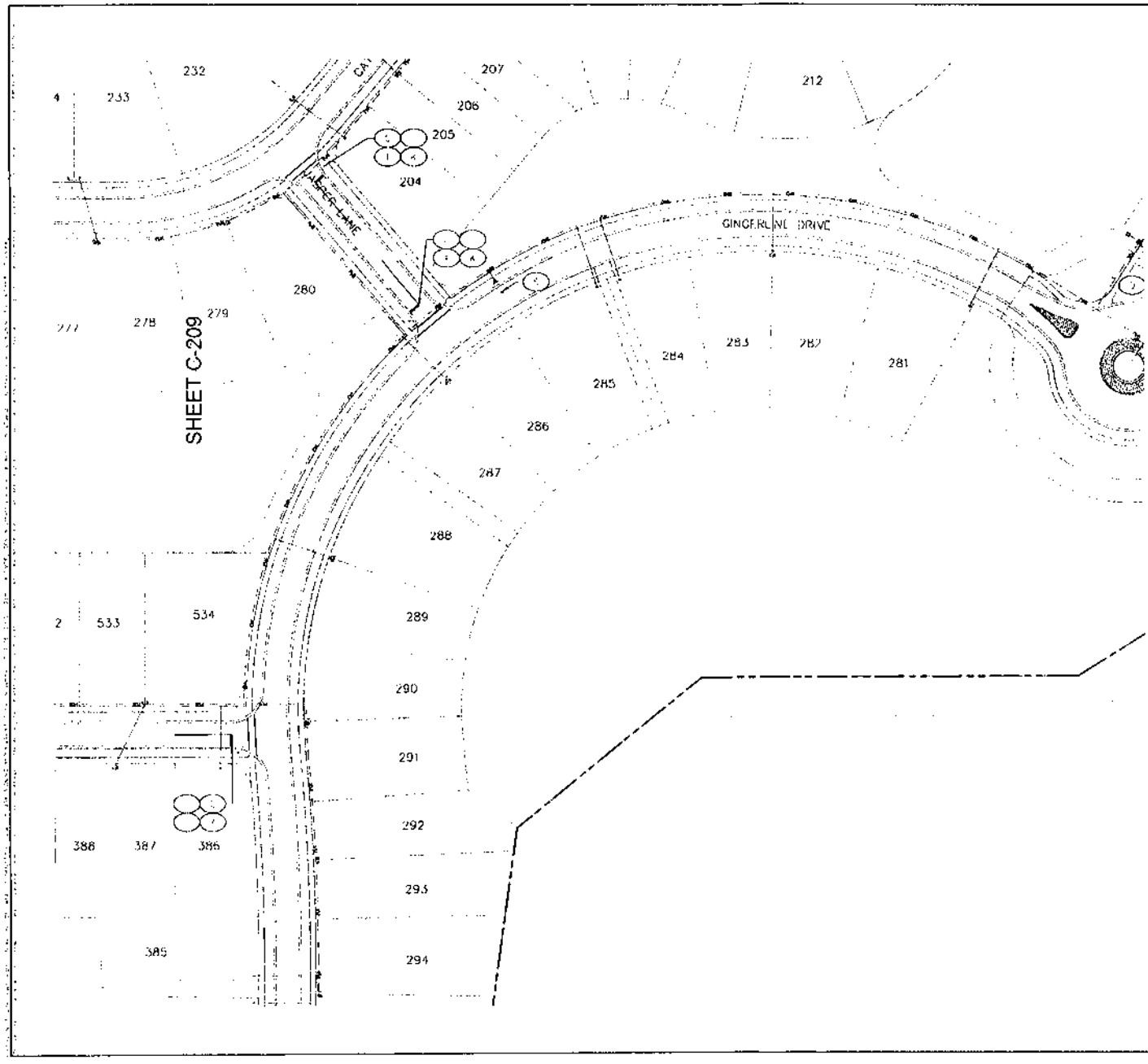
PROJECT MANAGER: KEVIN T. LAWRY
PLAN SCALE: 1"=40'
KHA PROJECT 047897020
DATE 07/25/2016
ISSUE: AS SHOWN
DESIGNED BY: MAS
DRAWN BY: BJJ
CHECKED BY: KTL

SIGNING AND MARKING PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-258



KEY MAP

STRIPING KEY

SIGNING AND STRIPING NOTES:

1. SIGNS AND PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND PSL ST. LUCIE TYPICAL DRAWINGS FOR ROADWAY SIGNING, STRIPING, AND GEOMETRICS
2. ALL PAVEMENT MARKINGS ARE TO CONSIST OF 90 MIL EXTRUDED THERMOPLASTIC.
3. RAISED MULTIDIRECTIONAL PAVEMENT MARKERS (RPM'S) ARE TO CONSIST OF 4-INCH SQUARE BI-DIRECTIONAL BLUE.
4. RPM'S SHALL BE POSITIONED IN ACCORDANCE WITH FDOT INDEX 17352 AND THIS PLAN, BUT INSTALLED PER PSLUSD'S STANDARD.
5. REFER TO STRIPING PLT FOR STRIPING SPECIFICATIONS.
6. SEE DETAIL SHEET FOR SIGN MOUNTING DETAILS.

CITY OF PORT ST LUCIE PROJECT # P16 - 120

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Del Webb
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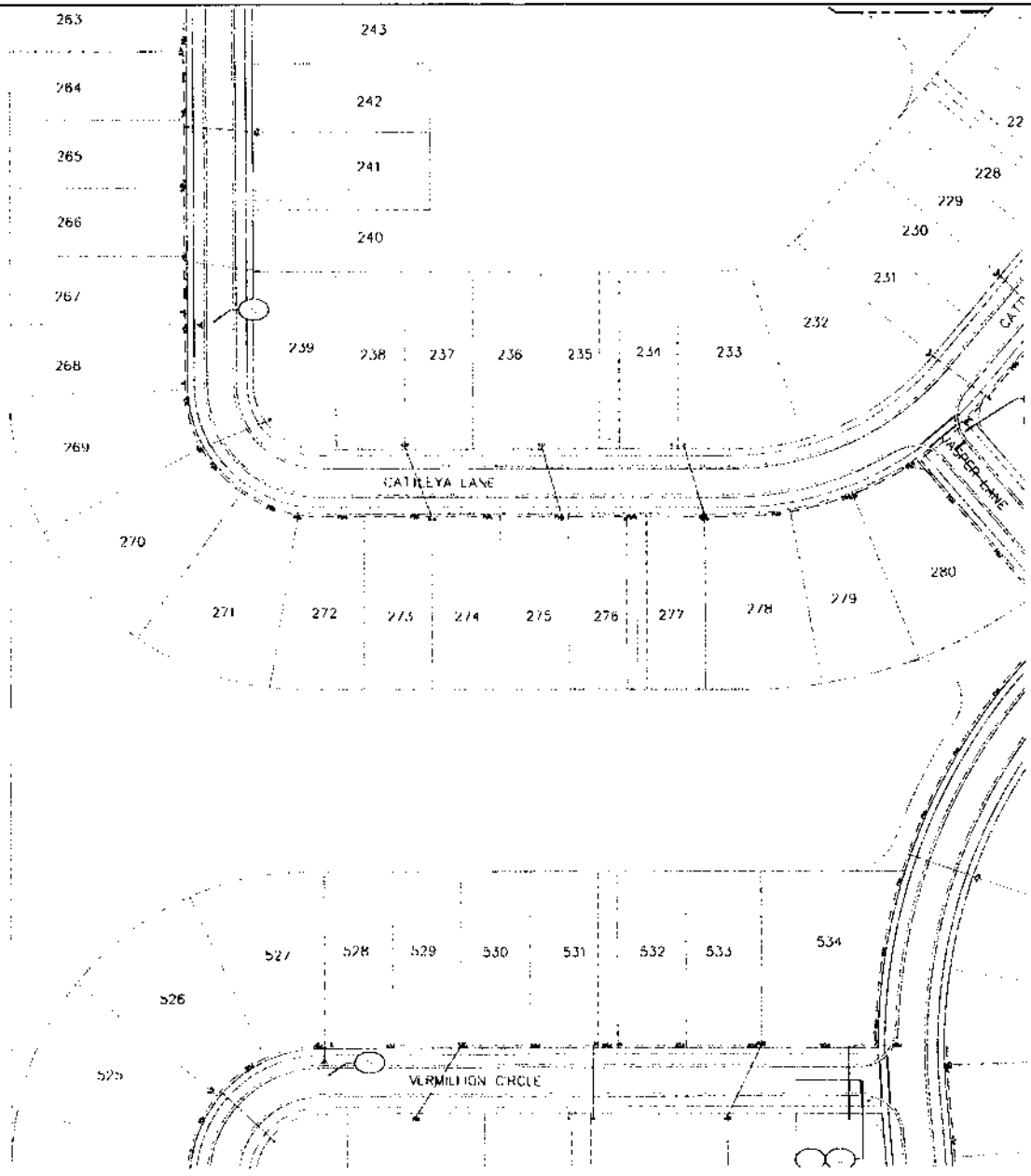
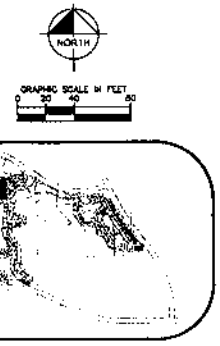
PULTE GROUP

SIGNING AND MARKING PLAN

SHEET NUMBER C-259





KEY MAP

STRIPING KEY

6" SOLID WHITE	6" SOLID YELLOW TYP. (10'-35')
6" SOLID WHITE	SOLID YELLOW STOP
12" SOLID WHITE CROSSWALK LINES 6' (TYP.) APART	RIGHT OUT ONLY SIGN
18" SOLID WHITE	FIELD SIGN
24" SOLID WHITE STOP BAR	DO NOT ENTER SIGN
6" SKIP WHITE TYP. (10'-35')	PEDESTRIAN CROSSING SIGNS WITH ARROW
6" SKIP WHITE TYP. (8'-10')	TYP. YELLOW
6" SKIP WHITE TYP. (2'-4')	FIRE BLUE (FOR HYDRANT- SEE DETAIL)
6" SOLID YELLOW	STOP BAR 18'-0" (30'-60') WITH STREET DESIGNATION SIGN 8' HIGH IN 8" LETTERING
6" SOLID WHITE AT 18" ON CENTER	SOLID WHITE DIRECTIONAL ARROW
6" DOUBLE YELLOW 30 LF LONG (TYP.)	END OF ROAD MARKERS SHALL CONSIST OF 9' RED REFLECTORS. (REFER TO FDOT INDEX 17346)

SIGNING AND SIGNAGE NOTES:

1. SIGNS AND PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND PORT ST. LUCIE TYPICAL DRAWINGS FOR ROADWAY SIGNING, STRIPING, AND DELINEATORS.
2. ALL PAVEMENT MARKINGS ARE TO CONSIST OF 90 MIL EXTRUDED THERMOPLASTIC.
3. RAISED REFLECTIVE PAVEMENT MARKERS (RPM'S) ARE TO CONSIST OF 1-HIGH SQUARE BI-DIRECTIONAL BLUE.
4. RPM'S SHALL BE POSITIONED IN ACCORDANCE WITH FDOT INDEX 17352 AND 346 PLUS, BUT INSTALLED PER PRUDER'S STANDARD.
5. REFER TO SIGNAL MUTCD FOR SIGNAGE SPECIFICATIONS.
6. SEE DETAIL SHEET FOR SIGN WORK AND DETAILS.

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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NO.	REVISIONS	DATE	BY

SEAL PROFESSIONAL

FILE NO. 025-1

SCALE: 1"=20'

DATE: 07/13/2016

DESIGNED BY: JAS

DRAWN BY: M.P.

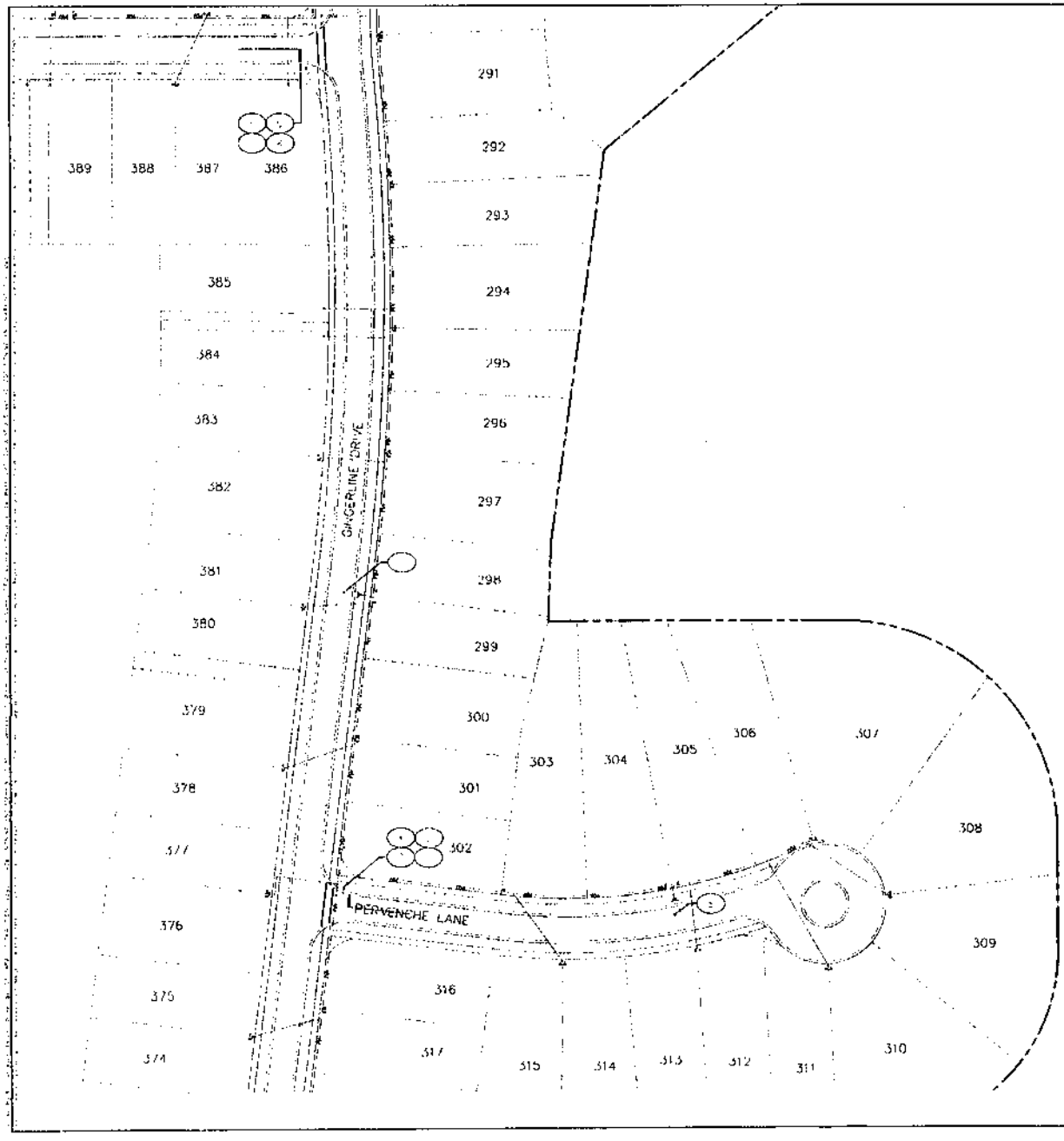
CHECKED BY: JAS

SIGNING AND MARKING PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-260



KEY MAP

STRIPING KEY

- 6" SOLID WHITE
- 6" WIDE WHITE
- 12" SOLID WHITE CROSSWALK BARS 6' (TYP.) APART
- 18" SOLID WHITE
- 24" SOLID WHITE STOP BAR
- 4" SKIP WHITE TYP. (10'-30')
- 8" SKIP WHITE TYP. (6'-10')
- 8" SKIP WHITE TYP. (2'-4')
- 6" SOLID YELLOW
- 6" SOLID WHITE AT 18" O.C. DIAGONAL
- 6" DOUBLE YELLOW 50 LF LONG (TYP.)
- 4" SKIP YELLOW TYP. (10'-30')
- SOLID YELLOW STOP
- RIGHT OUT ONLY SIGN
- YIELD SIGN
- DO NOT CROSS SIGN
- PEDESTRIAN CROSSING SIGNS WITH ARROW
- TOP YELLOW
- OPEN BLUE (PER VISIBILITY SEE DETAIL)
- STOP SIGN R1-1 (30"x30") WITH STREET DESIGNATION SIGN 6" HIGH WITH 6" LETTERING
- SOLID WHITE DIRECTIONAL ARROW
- EAR OF ROAD MARKING SHALL CONSIST OF 2 RED REFLECTORS, PER FD 17DOT INDEX (TYP.)

SIGNING AND PAVEMENT MARKING NOTES

1. SIGNS AND PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL Ddevices AND PORT ST. LUCIE TYPICAL DRAWINGS FOR ROADWAY SIGNING, STRIPING, AND DEMARCATION.
2. ALL PAVEMENT MARKING ARE TO CONSIST OF 90 MIL EXTRUDED THERMOPLASTIC.
3. RAISED REFLECTIVE PAVEMENT MARKERS (RPM'S) ARE TO CONSIST OF 4-INCH SQUARE BI-DIRECTIONAL BLUE.
4. RPM'S SHALL BE POSITIONED IN ACCORDANCE WITH FDOT INDEX 17352 AND THIS PLAN, BUT INSTALLED PER PSLUNE'S STANDARD.
5. REFER TO STRIPING KEY FOR STRIPING SPECIFICATIONS.
6. SEE DETAIL SHEET FOR SIGN MOUNTING DETAILS.

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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No.	Revision	Date	By

CONSULT NOTICE NO.

YEAR - 1 - PLSAP	SHT. ISSUE NUMBER 75-E.E.

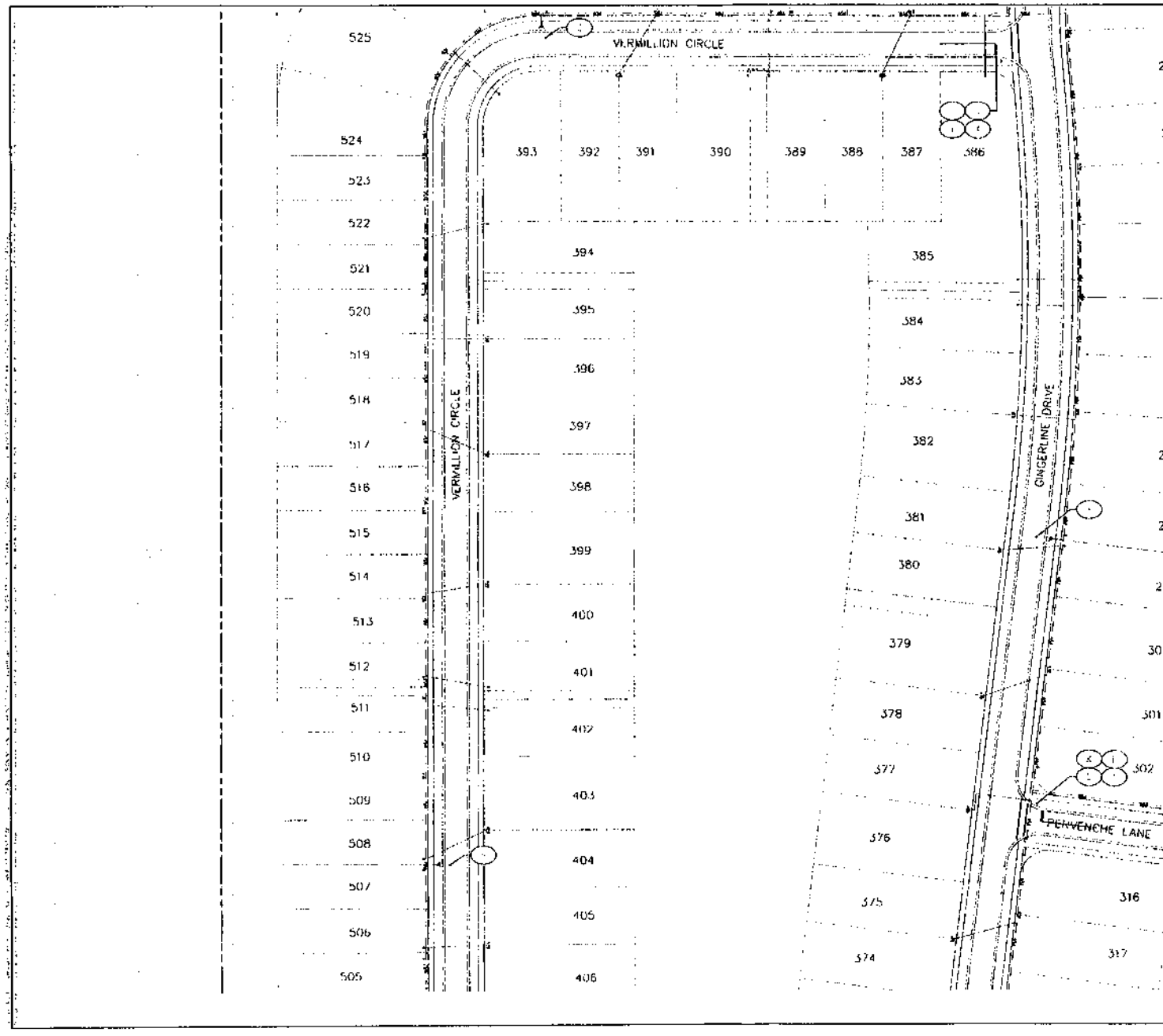
KHA PROJECT 041867021	
DATE 07/15/2016	
SCALE AS SHOWN	
DESIGNED BY A.K.S.	
DRAWN BY M.C.	
CHECKED BY N.C.	

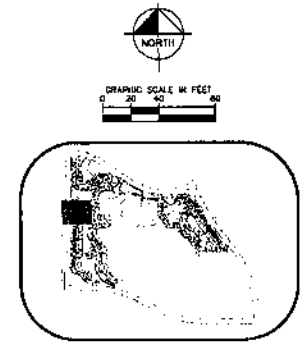
SIGNING AND MARKING PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST. LUCIE

SHEET NUMBER
C-261





KEY MAP

STRIPING KEY

- 6" SOLID WHITE
- 6" SOLID WHITE
- 12" SOLID WHITE CROSSWALK DAMS 6" (TYP.) APART
- 18" SOLID WHITE
- 24" SOLID WHITE STOP BAR
- 6" SAW WHITE TYP. (10'-30')
- 6" SAW WHITE TYP. (6'-10')
- 6" SAW WHITE TYP. (2'-4')
- 6" SOLID YELLOW
- 6" SOLID WHITE AT 18" OFF CENTER
- 6" DOUBLE YELLOW 50 LF LONG (TYP.)
- 6" SAW YELLOW TYP. (10'-30')
- SOLID YELLOW STOP
- RIGHT OUT ONLY SIGN
- YIELD SIGN
- 50 MIN ENTER SIGN
- PEDESTRIAN CROSSING (NON) WITH ARROW
- IDM YELLOW
- NON BLUE (NON PSUSD) SEE DETAIL
- STOP SIGN RI-1 (30"X30") WITH STREET DESIGNATION SIGN 6" HIGH WITH 6" LETTERING
- SOLID WHITE DIRECTIONAL ARROW
- END OF ROAD MARKERS SHALL CONSIST OF 8 RED REFLECTORS (REFER TO FDOT INDEX 17348)

NOTES:

1. SIGNS AND PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND PORT ST. LUCIE TYPICAL DRAWINGS FOR ROADWAY SIGNING, STRIPING, AND GEOMETRICS.
2. ALL PAVEMENT MARKINGS ARE TO CONSIST OF 90 MIL EXTRUDED THERMOPLASTIC.
3. RAISED REFLECTIVE PAVEMENT MARKERS (RPM'S) ARE TO CONSIST OF 4-INCH SQUARE BI-DIRECTIONAL BLUE.
4. RPM'S SHALL BE PUSHTUNED IN ACCORDANCE WITH FDOT INDEX 17353 AND THIS PLAN, BUT INSTALLED PER POLUSO'S STANDARD.
5. REFER TO STRIPING KEY FOR SHOPING SPECIFICATIONS.
6. SEE DETAIL SHEET FOR DOM MOUNTING DETAILS.

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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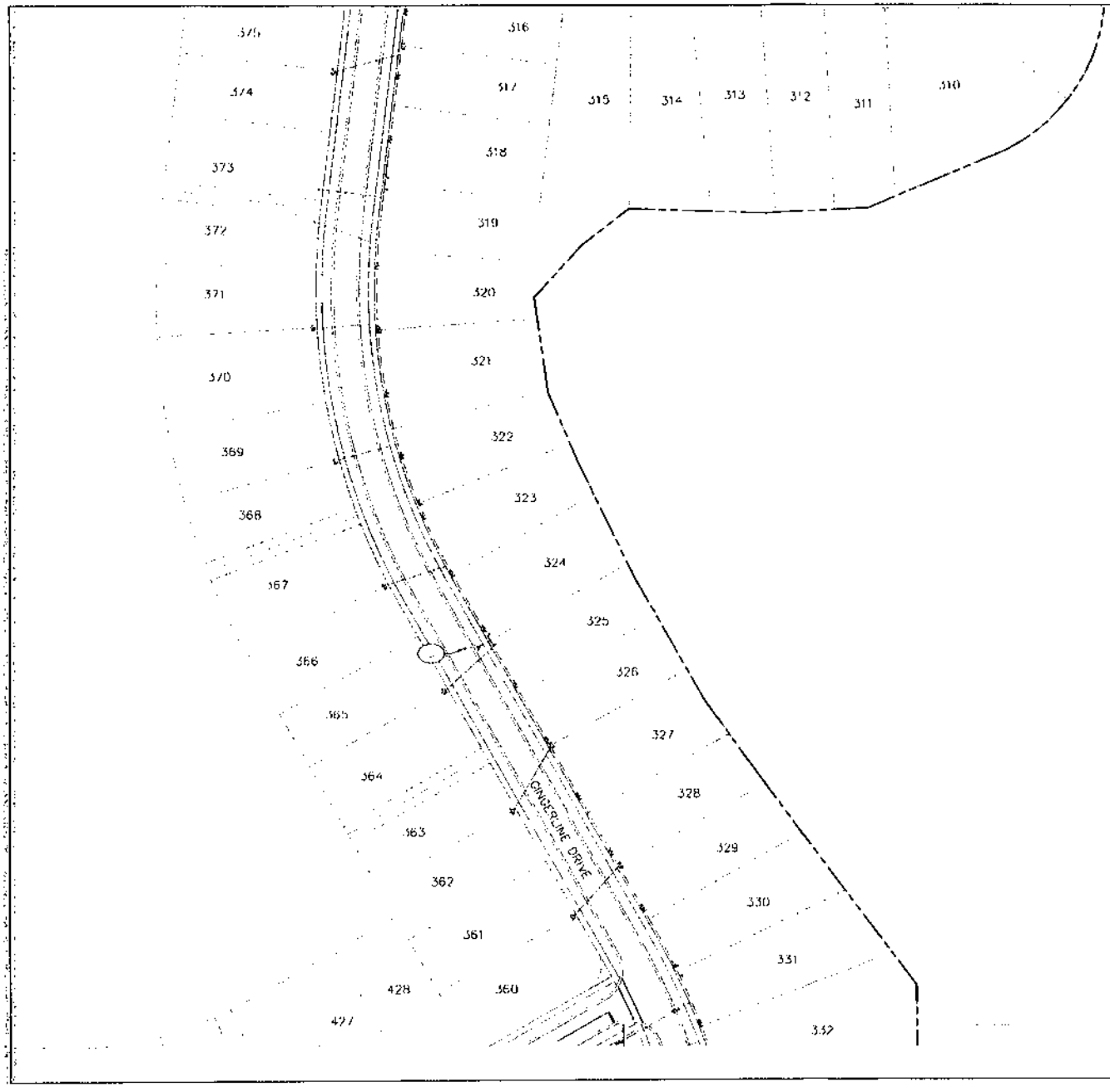
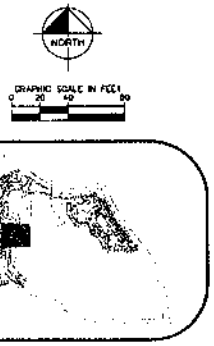
LICENSED PROFESSIONAL
KIMLEY-HORN
PROJECT NO. 047887-020
DATE 07/25/2016
STATE OF FLORIDA
DESIGNED BY AAS
CHECKED BY KTM

SIGNING AND MARKING PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-262





KEY MAP

STRIPING KEY

- 6" SOLID WHITE
- 8" SOLID WHITE
- 12" SOLID WHITE CROSSWALK (SAYS 6" (TYP.) APART
- 18" SOLID WHITE
- 24" SOLID WHITE STOP BAR
- 6" SKIP WHITE TYP (10'-30')
- 6" SKIP WHITE TYP (6'-10')
- 6" SKIP WHITE TYP (2'-4')
- 6" SOLID YELLOW
- 6" SOLID WHITE AT 18" OUT CENTER
- 6" DOUBLE YELLOW 50 LI (UNO) (TYP.)
- 6" SKIP YELLOW TYP (10'-30')
- SOLID YELLOW STOP
- NO-PARKING ONLY SIGN
- YIELD SIGN
- DO NOT ENTER SIGN
- PEDESTRIAN CROSSING SIGNS WITH ARROW
- 15W YELLOW
- DPW BLAT (PER PILLAR- SEE DETAIL)
- STOP SIGN (H=1.5(30"))) WITH STREET DESIGNATION SIGN 8" INCH (H=1.5) 8" LETTERING
- SOLID WHITE DIRECTIONAL ARROW
- END OF ROAD MARKERS (BLAL, CONSIST OF 4 RED REFLECTORS (REFER TO VDOT INDEX 17340)

STRIPING AND MARKING NOTES:

1. SIGNS AND PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND FORT ST. LUCIE TYPICAL DRAWINGS FOR ROADWAY SIGNING, STRIPING AND SIGNALIZATION.
2. ALL PAVEMENT MARKINGS ARE TO CONSIST OF 90 MIL EXTRUDED THERMOPLASTIC.
3. RAISED REFLECTIVE PAVEMENT MARKERS (RPM'S) ARE TO CONSIST OF 4-INCH SQUARE, BI-DIRECTIONAL BLUE.
4. RPM'S SHALL BE INSTALLED IN ACCORDANCE WITH FDOT INDEX 17353 AND 2NB PLAN, BUT INSTALLED PER POLICE'S STANDARDS.
5. REFER TO STRIPING PLAN FOR STRIPING SPECIFICATIONS.
6. SEE DETAIL SHEET FOR SIGN MOUNTING DETAILS.

CITY OF FORT ST LUCIE PROJECT #
P16 - 120

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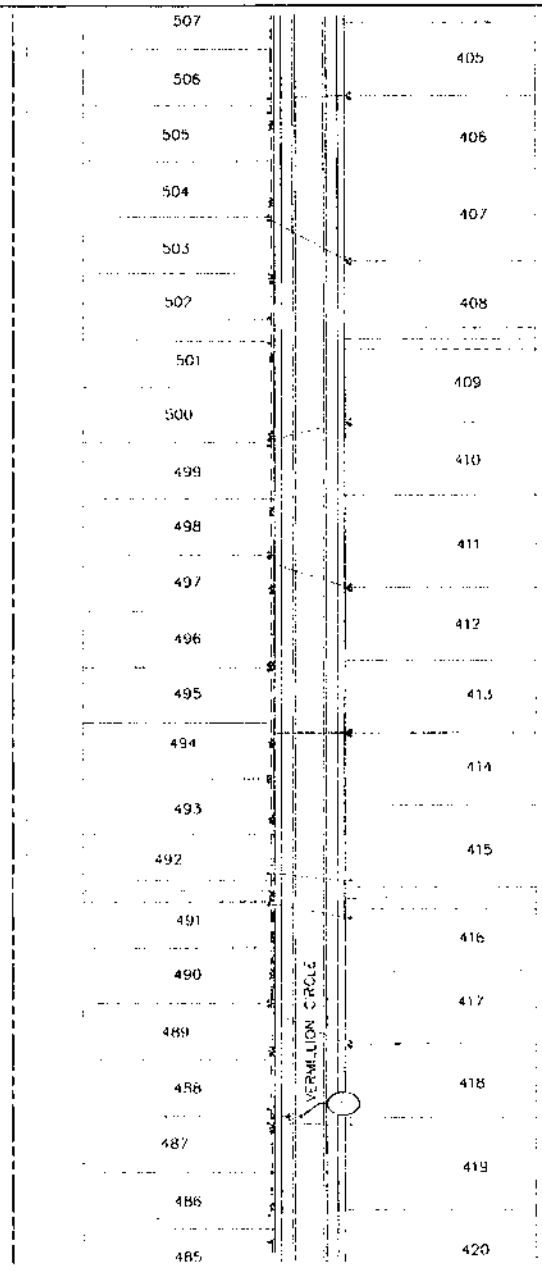
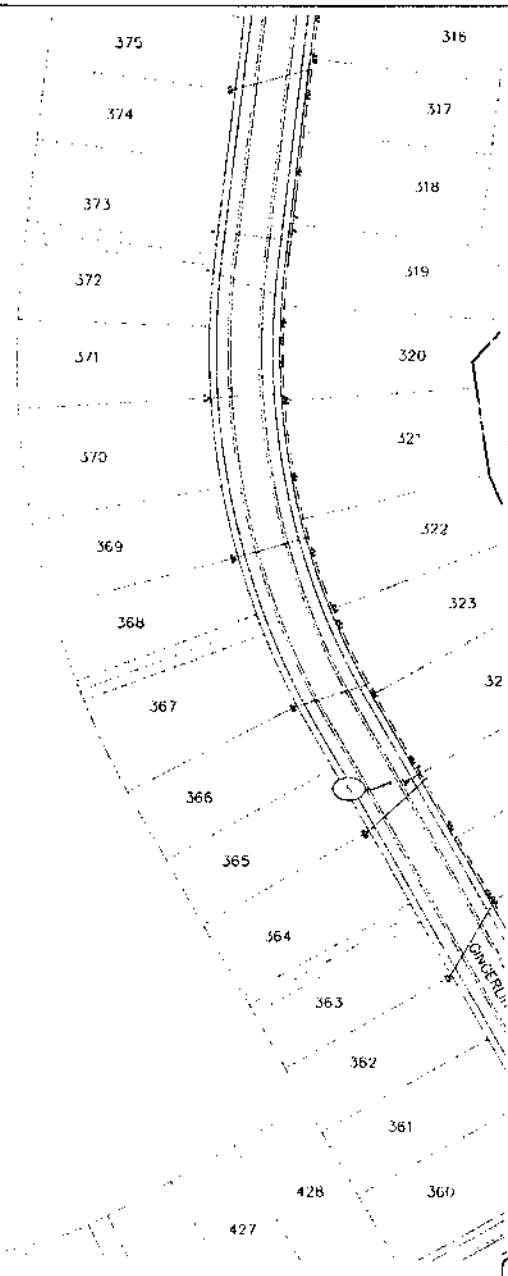
Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

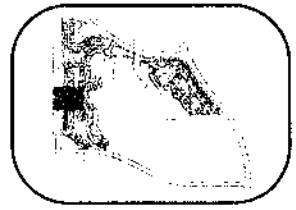
SIGNING AND MARKING PLAN

SHEET NUMBER
C-263

CITY OF FORT ST. LUCIE







KEY MAP

STRIPING KEY

- 6" SOLID WHITE
- 6" SOLID WHITE
- 12" SOLID WHITE CROSSWALK BARS 6' (TYP.) APART
- 18" SOLID WHITE
- 24" SOLID WHITE STOP BAR
- 6" SKIP WHITE, TYP. (10'-30')
- 6" SKIP WHITE, TYP. (8'-10')
- 6" SKIP WHITE, TYP. (3'-4')
- 6" SOLID YELLOW
- 6" SOLID WHITE AT 18" OFF CENTER
- 6" DOUBLE YELLOW 30 LF LONG (TYP.)
- 6" SKIP YELLOW TYP. (10'-30')
- SOLID YELLOW STOP
- NIGHT CUT ONLY SIGN
- FELLI SIGN
- DO NOT ENTER SIGN
- PEDESTRIAN CROSSING SIGNS WITH ARROW
- TOP YELLOW
- 18" BLUE (PER PSUSSD- SEE DETAIL)
- 6'x9' SIGN (W1-1) (36"X30") WITH STREET DESIGNATION SIGN 8" HIGH WITH 4" LETTERING
- SOLID WHITE DIRECTIONAL ARROW
- END OF ROAD MARKERS (SHALL CONSIST OF 3 RED REFLECTORS (REFER TO FDOT INDEX 17346))

SIGNING AND SIGNAGE NOTES:

1. SIGNS AND PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND PORT ST. LUCIE TYPICAL DRAWINGS FOR ROADWAY SIGNING, STRIPING, AND GEOMETRICS.
2. ALL PAVEMENT MARKINGS ARE TO CONSIST OF 90 MIL EXTRUDED THERMOPLASTIC.
3. RAISED REFLECTIVE PAVEMENT MARKERS (RPM'S) ARE TO CONSIST OF 4-INCH SQUARE BI-DIRECTIONAL BLUE.
4. RPM'S SHALL BE POSITIONED IN ACCORDANCE WITH FDOT INDEX 17346 AND PSL'S PLAN, BUT INSTALLED PER PSUSSD'S STANDARD.
5. REFER TO STRIPING KEY FOR STRIPING SPECIFICATIONS.
6. SEE ULTIMATE SHEET FOR SIGN MOUNTING DETAILS.

CITY OF PORT ST. LUCIE PROJECT # P16 - 120

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Phone: 352-331-1976 Fax: 352-331-2476
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REVISIONS | DATE | BY

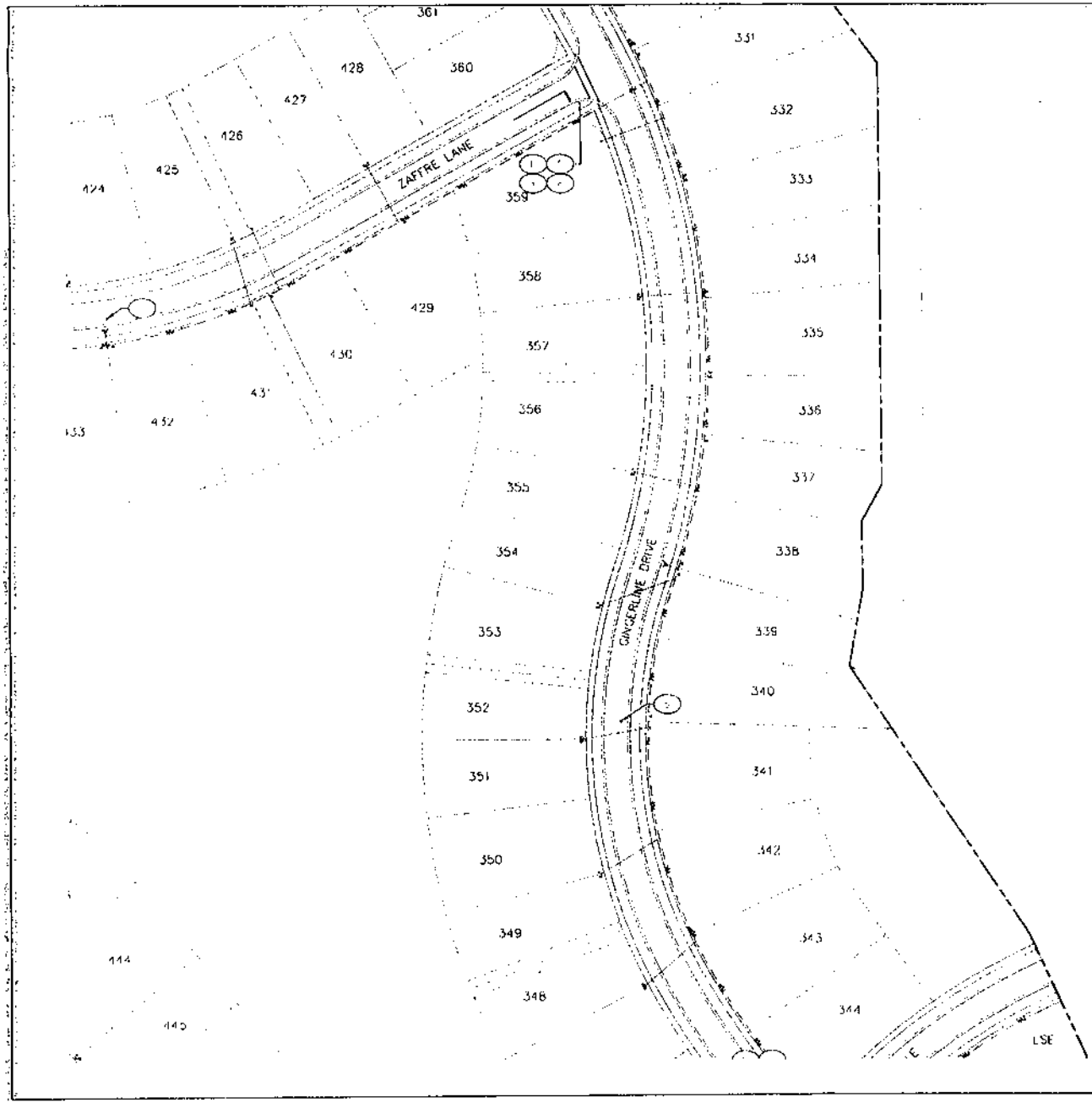
PROJECT PROFESSIONAL
KIMLEY-HORN
STATE LICENSE NUMBER 12345

AS-BUILT PROJECT
DATE
02/15/2016
SCALE: AS SHOWN
DESIGNED BY: MJS
DRAWN BY: W.P.
CHECKED BY: KCH

SIGNING AND MARKING PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-264



NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

KEY MAP

STRIPING KEY

- 6" SOLID WHITE
- 6" SOLID WHITE
- 12" SOLID WHITE CROSSWALK BARS 4' (TYP.) APART
- 18" SOLID WHITE
- 24" SOLID WHITE STOP BAR
- 6" SKIP WHITE (TYP. [10'-30'])
- 6" SKIP WHITE (TYP. [6'-10'])
- 4" SKIP WHITE (TYP. [2'-4'])
- 6" SOLID YELLOW
- 6" SOLID WHITE AT 18" ON CENTER
- 6" DOUBLE YELLOW 30 LF LONG (TYP.)
- 6" SKIP YELLOW (TYP. [10'-30'])
- SOLID YELLOW STOP
- HIGHT OUT ONLY SIGN
- YELLOW SIGN
- DO NOT ENTER SIGN
- PEDESTRIAN CROSSING SIGNS WITH ARROW
- TOP PLACEM
- NEW BLUE (PER MUTCD - SEE DETAIL)
- SIGN SIZE [X] = [30"X30"] WITH STREET DESIGNATION SIGN 8" HIGH WITH 6" LETTERING
- SOLID WHITE DIRECTIONAL ARROW
- END OF ROAD MARKERS SHALL CONSIST OF 3 RED REFLECTORS. (REFER TO INDEX INDEX 17346)

STRIPING AND SIGNAGE NOTES:

1. SIGNS AND PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND PORT ST. LUCIE TYPICAL DRAWINGS FOR ROADWAY SIGNING, STRIPING, AND DELINEATORS.
2. ALL PAVEMENT MARKINGS ARE TO CONSIST OF 90 MIL EXTRUDED THERMOPLASTIC.
3. RAISED REFLECTIVE PAVEMENT MARKERS (RPM'S) ARE TO CONSIST OF 4-INCH SQUARE BI-DIRECTIONAL BLUE.
4. RPM'S SHALL BE PORTIONED IN ACCORDANCE WITH FDOT INDEX 17353 AND THIS PLAN BUT INSTALLED PER FDOT'S STANDARD.
5. REFER TO STRIPING KEY FOR STRIPING SPECIFICATIONS.
6. SEE DETAIL SHEET FOR SIGN MOUNTING DETAILS.

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CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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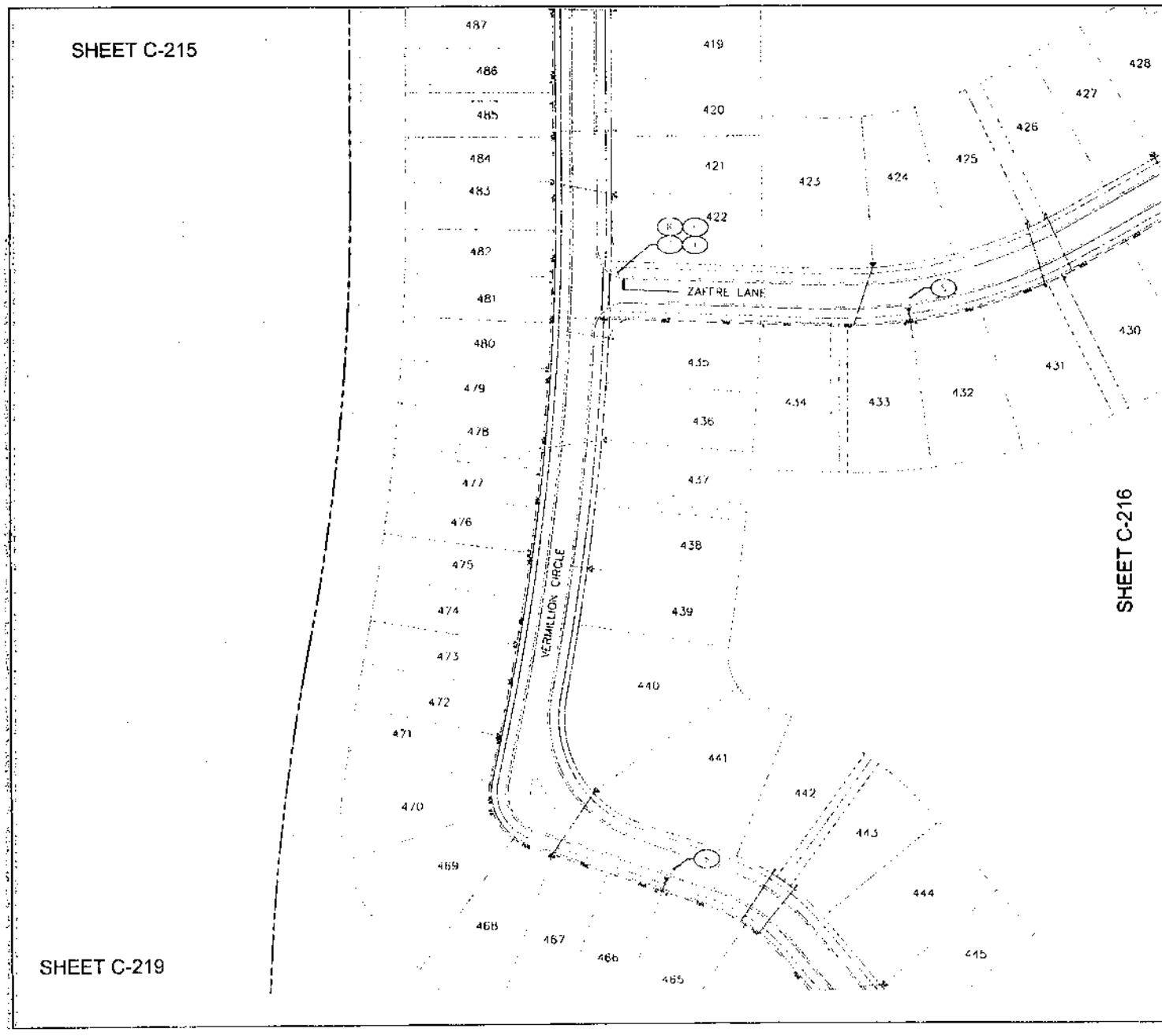
SIGNING AND MARKING PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-265



STRIPING AND SIGNAGE NOTES:

1. SIGNS AND PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND PORT ST. LUCIE TYPICAL DRAWINGS FOR ROADWAY SIGNING, STRIPING, AND GLOBALTIMES.
2. ALL PAVEMENT MARKINGS ARE TO CONSIST OF 90 MIL EXTRUDED THERMOPLASTIC.
3. RAISED REFLECTIVE PAVEMENT MARKERS (RPMS) ARE TO CONSIST OF 4" PADS SQUARE BI-DIRECTIONAL BLUE.
4. RPMS SHALL BE POSITIONED IN ACCORDANCE WITH FDOT INDEX #7000 AND THIS PLAN BUT INSTALLED PER PSLUSO'S STANDARD.
5. REFER TO STRIPING KEY FOR STRIPING SPECIFICATIONS.
6. SEE DETAIL SHEET FOR SIGN MOUNTING DETAILS.

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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SIGNING AND MARKING PLAN

Del Webb
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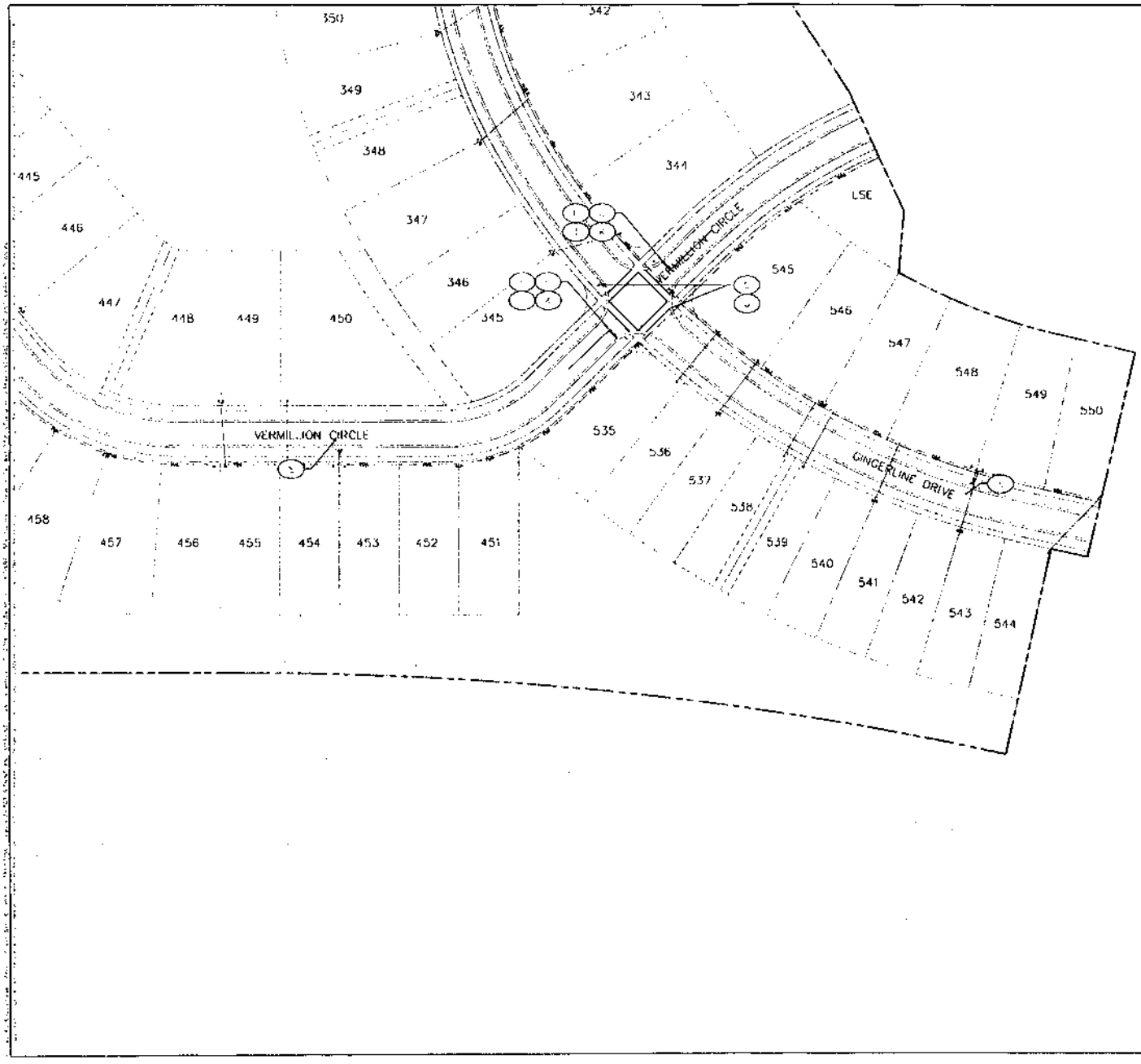
CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-266



KEY MAP

STRIPING KEY

- 6" SOLID WHITE
- 6" SOLID WHITE
- 12" SOLID WHITE CROSSWALK BARS 6' (TYP.) APART
- 18" SOLID WHITE
- 24" SOLID WHITE STOP BAR
- 6" SKIP WHITE, TYP. (10'-30')
- 6" SKIP WHITE, TYP. (6'-10')
- 6" SKIP WHITE, TYP. (3'-6')
- 6" SOLID YELLOW
- 6" SOLID WHITE AT 14" ON CURVE
- 6" DOUBLE YELLOW 80 LF LONG (TYP.)
- 6" SKIP YELLOW TYP. (10'-30')
- SOLID YELLOW STOP
- RIGHT CUT ONLY SIGN
- YIELD SIGN
- DO NOT CROSS SIGN
- PEDESTRIAN CROSSING SIGNS WITH ARROW
- FDH YELLOW
- FDH BLUE (PER PBUSWA- 1&2 DETAIL)
- STOP SIGN (R1-1) (30" EDGE) WITH STREET DESIGNATION SIGN 9" HIGH WITH 3" LETTERING
- SOLID WHITE DIRECTIONAL ARROW
- END OF ROAD MARKERS SHALL CONSIST OF 3 HOT REFLECTORS (REFER TO FDOT INDEX 17346)

SIGNING AND MARKING NOTES

1. SIGNS AND PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND PORT ST. LUCIE TYPICAL DRAWINGS FOR ROADWAY SIGNING, STRIPING AND CONSTRUCTION.
2. ALL PAVEMENT MARKINGS ARE TO CONSIST OF 90 MIL EXTRUDED THERMOPLASTIC.
3. RAISED REFLECTIVE PAVEMENT MARKERS (RPM'S) ARE TO CONSIST OF 4-INCH SQUARE BI-DIRECTIONAL BLUE.
4. RPM'S SHALL BE POSITIONED IN ACCORDANCE WITH FDOT INDEX 17332 AND THIS PLAN, BUT INSTALLED PER PSL[illegible]'S STANDARD.
5. REFER TO STRIPING KEY FOR STRIPING SPECIFICATIONS.
6. SEE DETAIL SHEET FOR SIGN MOUNTING DETAILS.

CITY OF PORT ST. LUCIE PROJECT # P16 - 120

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REVISIONS			
No		DATE	BY

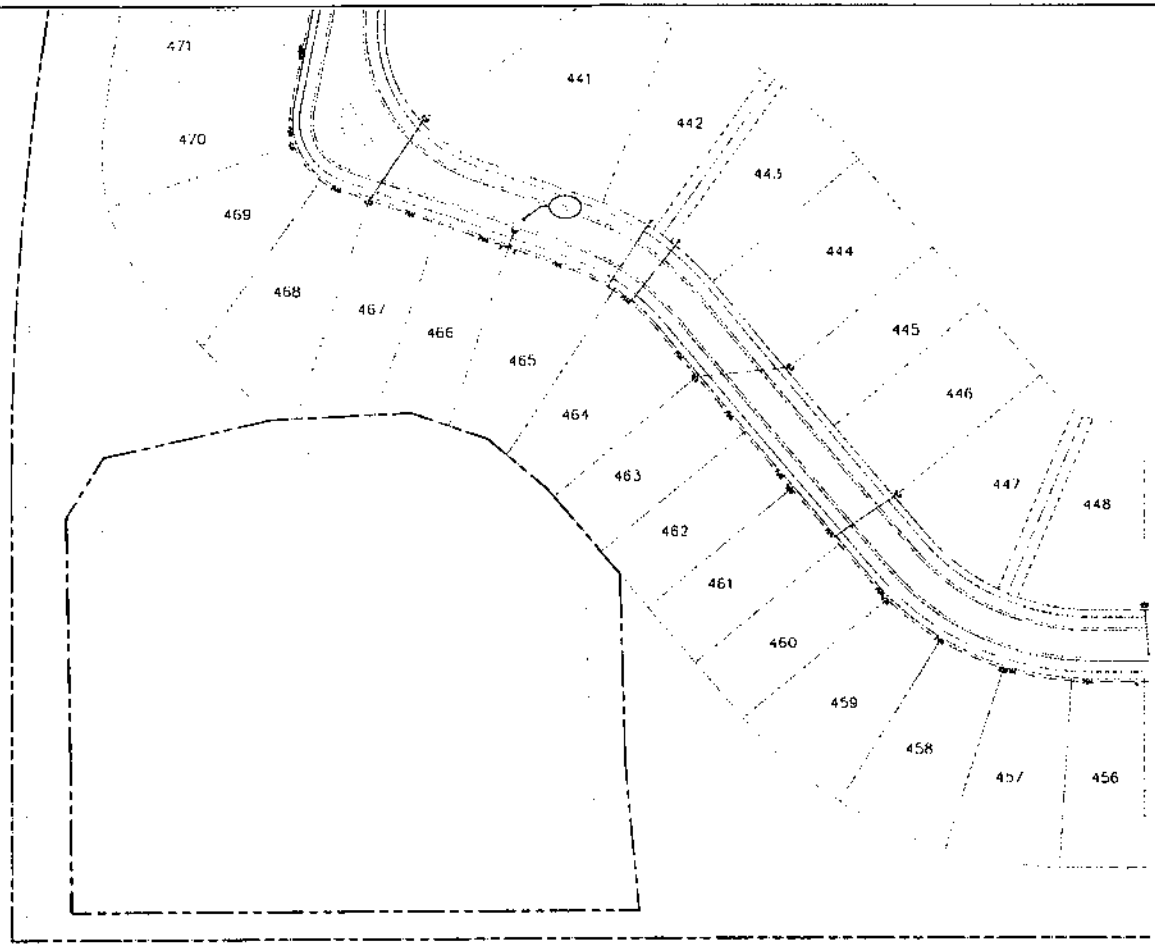
KHA PROJECT 047267200
DATE 02/26/2016
SCALE AS SHOWN
DESIGNED BY AKS
DRAWN BY V.P.
CHECKED BY R.F.

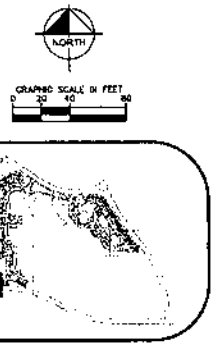
SIGNING AND MARKING PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-267





KEY MAP

STRIPING KEY

- 6" SOLID WHITE
- 6" SOLID WHITE
- 12" SOLID WHITE CROSSWALK BARS 6" (TYP.) APART
- 18" SOLID WHITE
- 24" SOLID WHITE STOP BAR
- 6" SKIP WHITE (TYP. [10'-30'])
- 6" SKIP WHITE (TYP. [8'-10'])
- 6" SKIP WHITE (TYP. [2'-4'])
- 6" SOLID YELLOW
- 6" SOLID WHITE AT 18" ON CENTER
- 6" DOUBLE YELLOW 30 LF LONG (TYP.)
- 6" SKIP YELLOW (10'-30')
- SOLID YELLOW EDGE
- RIGHT OUT ONLY SIGN
- YIELD SIGN
- DO NOT ENTER SIGN
- PULLED-DOWN CROSSWALK SIGN WITH ARROW
- POP (YELLOW)
- 18" BLUE (PER PUBLISHED - SEE DETAIL)
- STOP SIGN (R1-1) (ACTUALLY WITH STREET DESIGNATOR SIGN 6" HIGH WITH 6" LETTERING
- SOLID WHITE DIRECTIONAL ARROW
- END OF ROAD MARKERS SHALL CONSIST OF 5 RED REFLECTORS. (REFER TO FDOT INDEX 17349)

STRIPING AND SIGNAGE NOTES:

1. SIGNS AND PAVEMENT MARKINGS ARE TO CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND PORT ST. LUCIE TYPICAL DRAWINGS FOR ROADWAY SIGNING, STRIPING, AND BLOCKOUTS.
2. ALL PAVEMENT MARKINGS ARE TO CONSIST OF DU-MA EXTRUDED THERMOPLASTIC.
3. RAISED REFLECTIVE PAVEMENT MARKERS (RPM'S) ARE TO CONSIST OF 4-INCH SQUARE BI-DIRECTIONAL BLUE.
4. RPM'S SHALL BE POSITIONED IN ACCORDANCE WITH FDOT INDEX 17350 AND THIS PLAN, BUT INSTALLED PER PSL/DOT'S STANDARD.
5. REFER TO STRIPING KEY FOR STRIPING SPECIFICATIONS.
6. SEE DETAIL SHEET FOR SIGN MOUNTING DETAILS.

CITY OF PORT ST. LUCIE PROJECT # P16 - 120

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ORLANDO, FL 32819
PHONE: 407-898-1511
www.kimley-horn.com CA 000806

No.	REVISIONS	DATE	BY

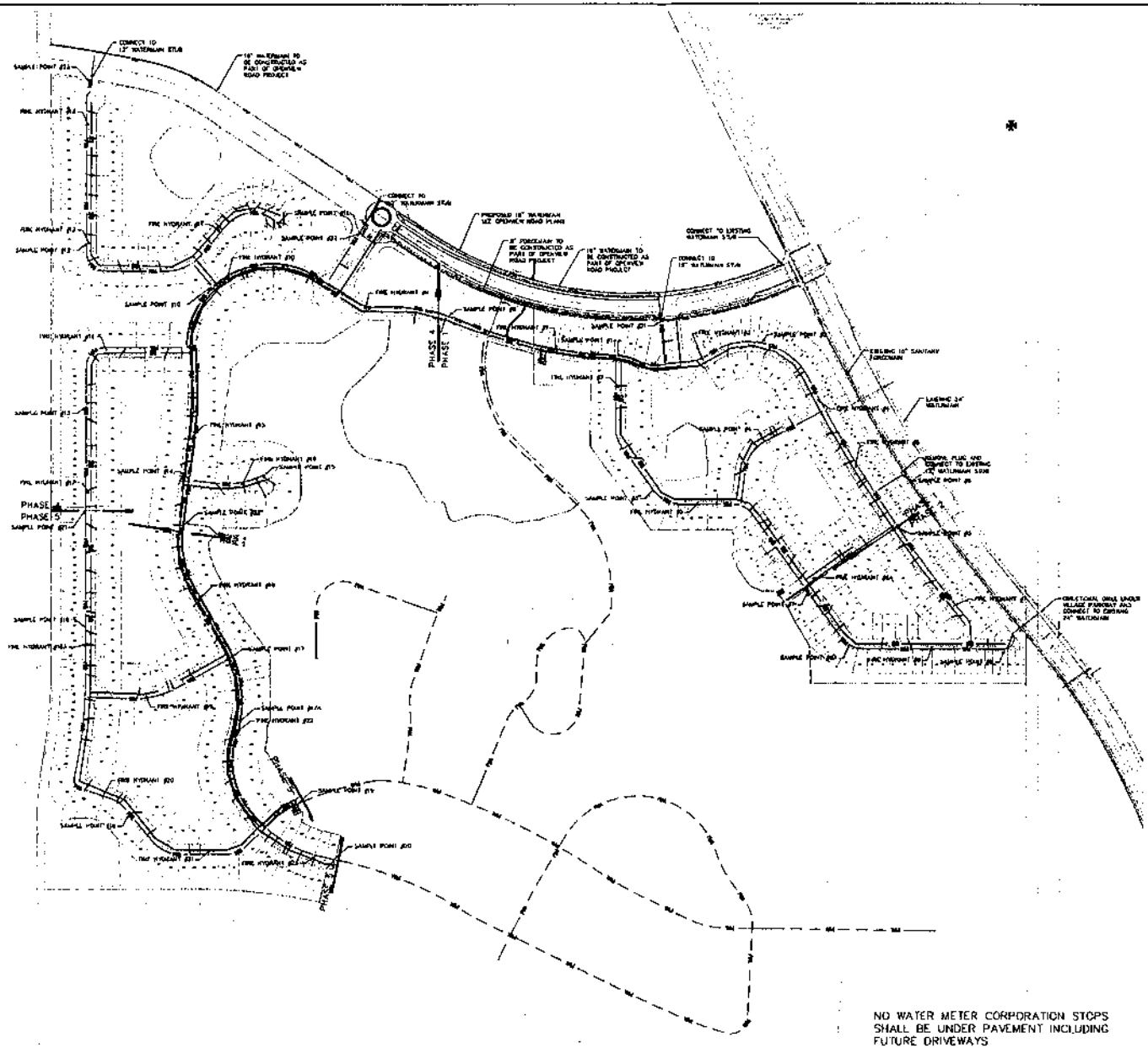
CIVIL PROJECT ENGINEER
DATE: 07/13/2016
SCALE: AS SHOWN
DRAWN BY: AAS
CHECKED BY: MJR
DESIGNED BY: MJR

CERTIFICATE OF AUTHORIZATION NO. 27934

SIGNING AND MARKING PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-268



KEY MAP

UTILITY LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE WATER SERVICE (1" LINE W/ 5/8" METER UNLESS OTHERWISE NOTED)
- PROPOSED DOUBLE WATER SERVICE (1.5" LINE W/ (2) 1/2" METERS UNLESS OTHERWISE NOTED)
- PROPOSED SINGLE SERVICE W/ CO
- PROPOSED DOUBLE SERVICE W/ CO
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SEWER
- SANITARY MANHOLE NUMBER
- PROPOSED WATER CAP
- PROPOSED TEE
- PROPOSED CROSS
- D.O.P.W.S. CITY OF PORT ST. LUCIE
- PROPOSED LIGHT POLE

GENERAL NOTES

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL FILL MATERIAL SHALL BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
4. SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
   8" PVC SDR26 PER ASTM D 3034
   8" PVC SCHEDULE 40
5. WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS:
   8" AND LARGER: PVC C-900 PER ASTM D 2241 CLASS 200 UNLESS NOTED OTHERWISE CLASS 100
   SMALLER THAN 8" DUCTILE IRON PIPE (DIP) PER AWWA C151/A21.51 OR PVC SDR 26 P.L. PER ASTM D1784 AND D2241.
6. MINIMUM TRENCH WIDTH SHALL BE 3 FEET.
7. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
8. ALL UTILITIES SHOULD BE KEPT 10 FT (10') APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATERLINES AND FORCEMAINS.
10. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY LINES, STORM LINES AND GAS LINES CROSSING AND PARALLEL, THE SANITARY LINE SHALL BE PVC OR ABS WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE, MEETING REQUIREMENTS OF AWWA A31.10 OR AND 31.11 (ASTM C-181) (SUBSC 302).
11. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
12. ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 7B COMPRESSION STRENGTH AT 3000 P.S.I.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES CITY OF PORT ST. LUCIE BOTH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
14. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLIFORM CHECKING REQUIREMENTS OF CHAPTER 62-555.330 F.A.C.
15. VALVES ARE NOT TO BE PLACED IN CURBS, SIDEWALKS, OR DRIVEWAYS.
16. ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BEGINNING PAVING.
17. DRIVEWAY APRON IS SHOWN FOR REFERENCE ONLY. DRIVEWAYS ARE TO BE CONSTRUCTED AND PERMITTED AS PART OF THE BUILDING PERMIT PROCESS

PSLUSD PROJECT NO.: 312

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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445 24th STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA 00000696

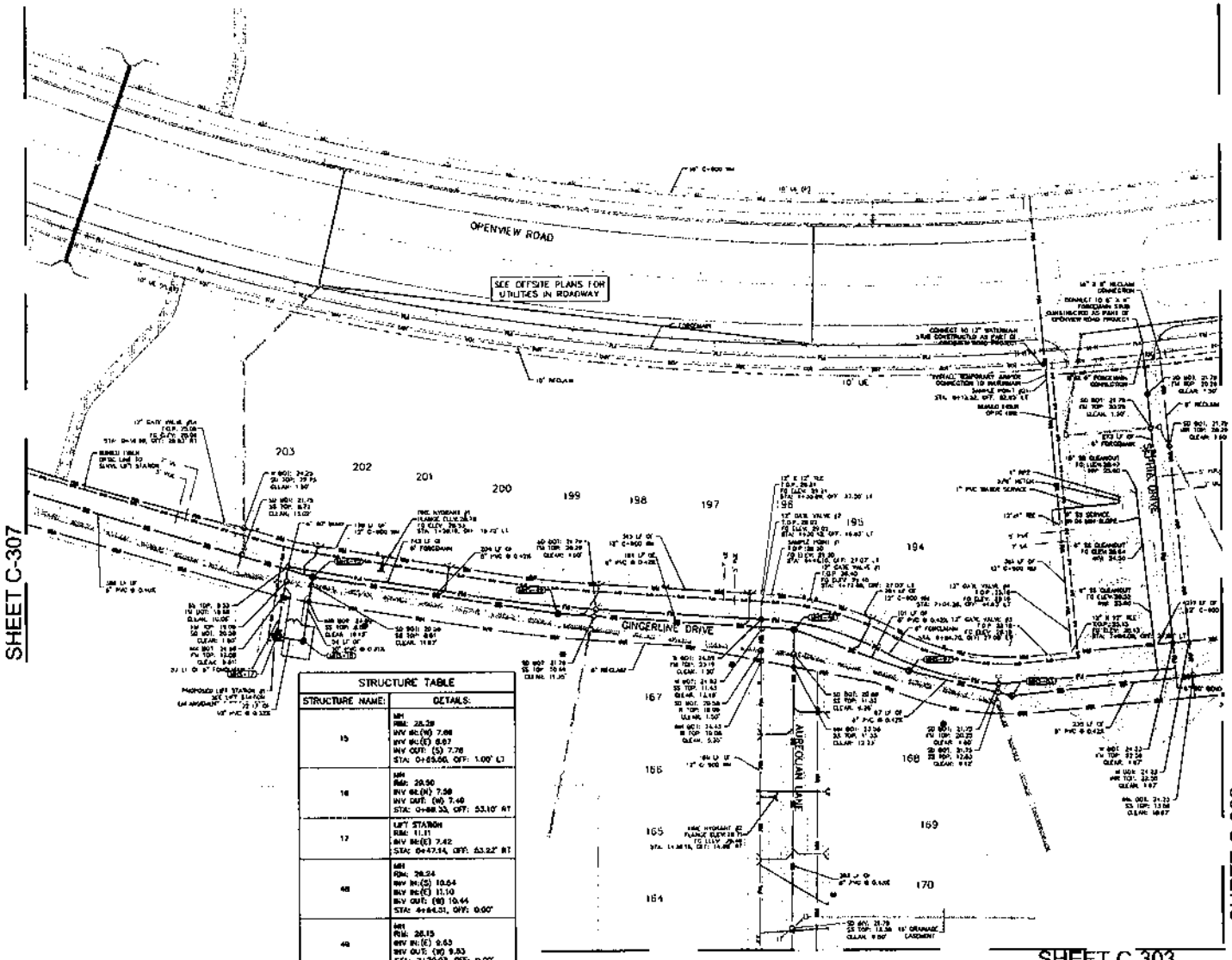
NO.	REVISIONS	INIT.

LICENSED PROFESSIONAL
TRENT T. SHIRP
STATE LICENSE NUMBER 75481

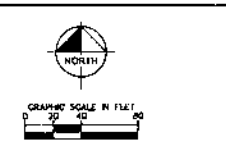
FILE / PROJECT	
047897020	
DATE	07/25/2011
SCALE	AS SHOWN
DESIGNED BY	AAS
DRAWN BY	VVP
CHECKED BY	TTS

MASTER UTILITY PLAN

SHEET NUMBER
C-300



STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
15	MH RIM: 28.29 INV IN:(W) 7.66 INV IN:(E) 8.67 INV OUT: (S) 7.78 STA: 0+03.06, OFF: 1.00' LT
16	MH RIM: 29.50 INV IN:(N) 7.50 INV OUT: (W) 7.40 STA: 0+88.33, OFF: 53.10' RT
17	LIFT STATION RIM: 11.11 INV IN:(E) 7.42 STA: 0+47.14, OFF: 53.22' RT
48	MH RIM: 28.24 INV IN:(S) 10.64 INV IN:(E) 11.10 INV OUT: (W) 10.44 STA: 4+64.31, OFF: 0.00'
49	MH RIM: 28.15 INV IN:(E) 9.63 INV OUT: (W) 9.53 STA: 2+70.03, OFF: 0.00'
53	MH RIM: 27.90 INV IN:(E) 12.08 INV OUT: (W) 11.98 STA: 0+52.21, OFF: 5.00' RT
87	MH RIM: 28.53 INV IN:(E) 11.62 INV OUT: (W) 11.52 STA: 0+06.14, OFF: 0.00'



KEY MAP

UTILITY LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE WATER SERVICE (1" LINE W/ 3/4" METER UNLESS OTHERWISE NOTED)
- PROPOSED DOUBLE WATER SERVICE (1 1/2" LINE W/ (2) 3/4" METERS UNLESS OTHERWISE NOTED)
- PROPOSED SINGLE SEWER SERVICE W/ CO
- PROPOSED DOUBLE SEWER SERVICE W/ CO
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SEWER
- SANITARY MANHOLE RIM/INV
- PROPOSED WATER CAP
- PROPOSED TEE
- PROPOSED ELBOW
- CITY OF PORT ST. LUCIE
- PROPOSED LIGHT POLE

UTILITY NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS WORK PROCEEDS OR CONFLICTS. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO VERIFY EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
4. SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
   - 4" PVC SEWER PER ASTM D 3034
   - 6" PVC SEWER PER
5. WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS:
   - 6" AND LARGER PVC C-900 PER ASTM D 2241 CLASS 200 UNLESS NOTED, OTHERWISE, CLASS 150
   - SEWAGE FORCE MAIN 6" DIAMETER COPPER TUBE TYPE "K" (SOFT) PER ASTM B 88 OR PVC 200 P.S.I. PER ASTM D1784 AND D2241.
6. SANITARY TRENCH WIDTH SHALL BE 2 FEET.
7. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
8. ALL UTILITIES SHALL BE KEPT FOUR (4) FEET APART (PARALLEL) ON MAIN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATERLINES AND FORCEMAINS.
10. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER MAIN, SANITARY SEWER, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE PVC DR PIPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE, MEETING REQUIREMENTS OF AWWA C210 OR AWWA 211 (AWWA C-150) (D 4.25 S45).
11. UPES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILING.
12. ALL CONDUITS FOR UNDERGROUND SHALL HAVE A MINIMUM 28 COMPRESSION STRENGTH AT 3000 P.S.I.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE CITY OF PORT ST. LUCIE WITH REGARDS TO INSTALLATION AND ABANDONMENT OF THE WATER AND SEWER LINES.
14. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODED REQUIREMENTS OF CHAPTER 62-555.320 F.A.C.
15. VALVES ARE NOT TO BE PLACED IN CURBS, DRIVEWAYS, OR DRIVEWAYS.
16. ALL MANHOLE RIMS ARE ADJUSTED TO FINAL GRADE PRIOR TO BEGINNING PAVING.
17. SIDEWALK RAMPS IS SHOWN FOR REFERENCE ONLY. DRIVEWAYS ARE TO BE CONSTRUCTED AND PERMITTED AS PART OF THE BUILDING PERMIT PROCESS.

PSLUSD PROJECT NO.: 512

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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Del Webb
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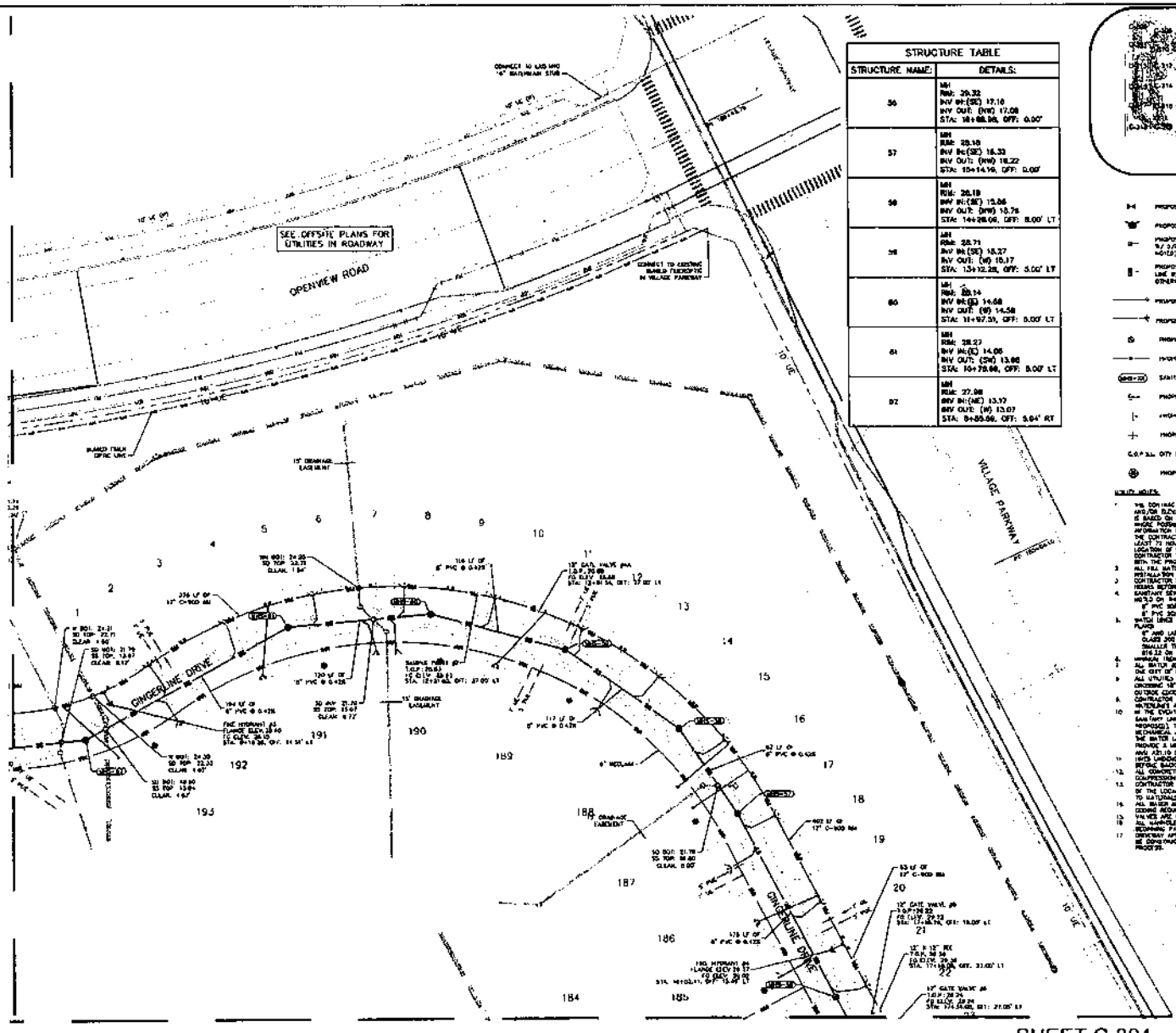
PREPARED FOR
PULTE GROUP

CITY OF PORT ST. LUCIE FLORIDA

UTILITY PLAN

SHEET NUMBER
C-301

SHEET C-301



STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
56	MH RIM: 20.32 INV IN:(SE) 17.10 INV OUT: (NW) 17.08 STA: 10+00.00, OFF: 0.00'
57	MH RIM: 20.10 INV IN:(SE) 16.33 INV OUT: (NW) 16.22 STA: 10+14.19, OFF: 0.00'
58	MH RIM: 20.10 INV IN:(SE) 15.86 INV OUT: (NW) 15.76 STA: 14+28.00, OFF: 8.00' LT
59	MH RIM: 20.71 INV IN:(SE) 15.27 INV OUT: (W) 15.17 STA: 13+12.28, OFF: 5.00' LT
60	MH RIM: 20.14 INV IN:(E) 14.68 INV OUT: (W) 14.58 STA: 11+97.31, OFF: 5.00' LT
61	MH RIM: 20.27 INV IN:(E) 14.06 INV OUT: (SW) 13.96 STA: 10+70.00, OFF: 5.00' LT
62	MH RIM: 27.98 INV IN:(NE) 13.77 INV OUT: (W) 13.67 STA: 9+85.00, OFF: 5.04' RT

KEY MAP

- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE SEWER SERVICE (1" UNL W/ 3/4" METER UNLESS OTHERWISE NOTED)
- PROPOSED DOUBLE WATER SERVICE (1-4" LINE W/ (2) 3/4" METERS UNLESS OTHERWISE NOTED)
- PROPOSED SINGLE SEWER SERVICE W/ CO
- PROPOSED DOUBLE SEWER SERVICE W/ CO
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SEWER
- SANITARY MANHOLE NUMBER
- PROPOSED WATER TAP
- PROPOSED TEE
- PROPOSED CROSS
- C.O.P.S.L. CITY OF PORT ST. LUCIE
- PROPOSED LIGHT POLE

UTILITY NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CALIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND MAKES POSSIBLE. MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
4. SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
   - 4" PVC SDR35 PER ASTM D 3034
   - 8" PVC SCHEDULE 40
5. WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS:
   - 6" AND LARGER, PVC C-900 PER ASTM D 3241 CLASS 200 UNLESS NOTED OTHERWISE CLASS 150
   - SMALLER THAN 6" DENOTE COPPER TUBE TYPE K, (SOFT) PER AWS B16.22 OR PVC, 200 P.S.I., PER ASTM D1785 AND D2241
6. MINIMUM TRENCH WIDTH SHALL BE 3 (3).
7. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
8. ALL UTILITIES SHALL BE KEPT TEN (10') INCHES (PARALLEL) OR HIGH CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 18" COVER ON ALL WATERLINES AND FORCEMAINS.
10. IF THE CROSS OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY LINES, STORM LINES AND GAS LINES (DESIGNED AND PROPOSED), THE SANITARY LINE SHALL BE PVC OR WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE MEETING REQUIREMENTS OF AWWA C10.08 OR AWWA 3.111 (AWWA C-153) (DI-53 305).
11. UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
12. ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 COMPRESSION STRENGTH AT 3000 P.S.I.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE REQUIREMENTS OF THE LOCAL AUTHORITIES (CITY OF PORT ST. LUCIE) WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
16. ALL WATER AND SANITARY SEWER SHALL COMPLY WITH THE CURRENT CODING REQUIREMENTS OF CHAPTER 61-555.330 F.A.C.
17. VALVES ARE NOT TO BE PLACED IN CURBS, SIDEWALKS, OR DRIVEWAYS.
18. ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BEGINNING PAVING.
19. DRIVEWAY APRON IS SHOWN FOR INFORMATION ONLY. DRIVEWAYS ARE TO BE CONSTRUCTED AND PERMITTED AS PART OF THE BUILDING PERMIT PROCESS.

SHEET C-304

PSLUSD PROJECT NO.: 512

CITY OF PORT ST. LUCIE PROJECT #: P16 - 120

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811 Know what's below. Call before you dig.

Kimley»Horn

2	10-15-20	
1	8-17-20	
	DATE	BY

CLIENT PROFESSIONAL

SCALE: 1"=40'

SHEET SIZE: 24"x36" (ARCH D)

JOB PROJECT: 047887.000
DATE: 07/25/2016
SCALE: AS SHOWN
DESIGNED BY: AKS
DRAWN BY: VKP
CHECKED BY: RCH

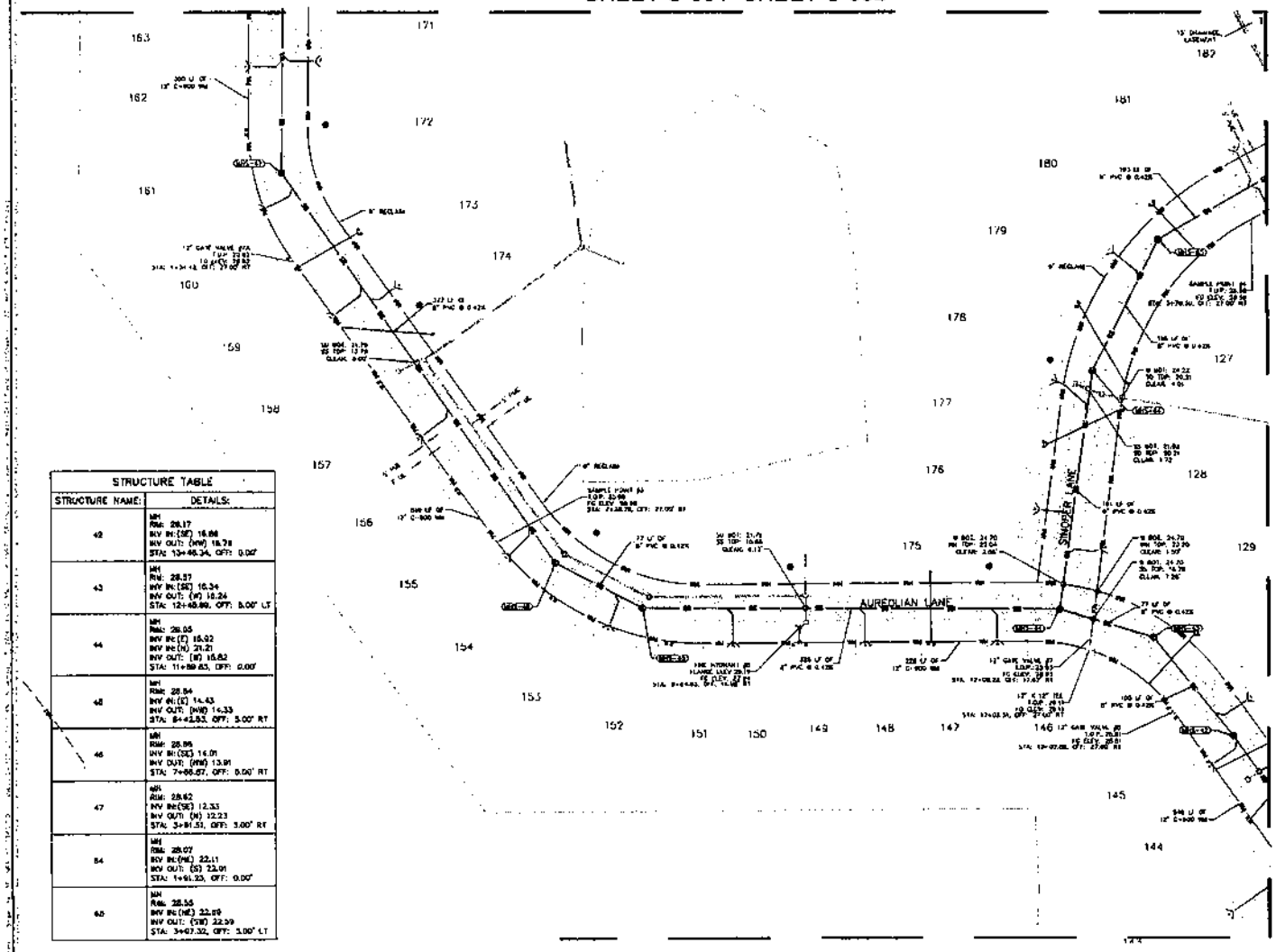
UTILITY PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

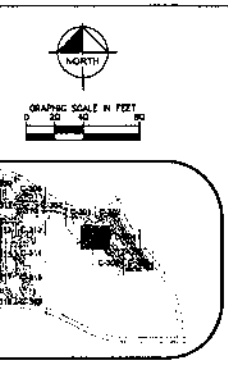
CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-302

SHEET C-301 SHEET C-302



STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
42	MH RIM: 28.17 INV IN: (SE) 16.88 INV OUT: (NW) 16.78 STA: 13+46.34, OFF: 0.00'
43	MH RIM: 28.37 INV IN: (SE) 16.34 INV OUT: (W) 16.24 STA: 12+46.99, OFF: 5.00' LT
44	MH RIM: 28.05 INV IN: (E) 15.92 INV IN: (N) 21.21 INV OUT: (W) 15.82 STA: 11+89.43, OFF: 0.00'
45	MH RIM: 28.84 INV IN: (E) 14.43 INV OUT: (NW) 14.33 STA: 8+42.83, OFF: 5.00' RT
46	MH RIM: 28.86 INV IN: (SE) 14.01 INV OUT: (NW) 13.91 STA: 7+66.67, OFF: 0.00' RT
47	MH RIM: 28.62 INV IN: (SE) 12.33 INV OUT: (N) 12.23 STA: 3+81.51, OFF: 5.00' RT
64	MH RIM: 28.07 INV IN: (NE) 22.11 INV OUT: (S) 22.01 STA: 1+61.23, OFF: 0.00'
65	MH RIM: 28.55 INV IN: (NE) 22.69 INV OUT: (SW) 22.59 STA: 3+07.32, OFF: 5.00' LT



KEY MAP

UTILITY LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE WATER SERVICE (1" LINE W/ 5/8" METER UNLESS OTHERWISE NOTED)
- PROPOSED DOUBLE WATER SERVICE (1 1/2" LINE W/ (2) 3/4" METERS UNLESS OTHERWISE NOTED)
- PROPOSED SINGLE SEWER SERVICE W/ CO
- PROPOSED DOUBLE SEWER SERVICE W/ CO
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SEWER
- SANITARY MANHOLE NUMBER
- PROPOSED WATER CAP
- PROPOSED TEE
- PROPOSED CROSS
- D.O.P.S.L. CITY OF PORT ST. LUCIE
- PROPOSED LIGHT POLE

UTILITY NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND MORE PRECISE MEASUREMENTS MAY BE REQUIRED IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING TRUE OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO INCLUDE EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
4. SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
   8" PVC SERIES PER ASTM D 2241
   8" PVC SCHEDULE 40
5. WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS:
   4" AND LARGER: PVC C-900 PER ASTM D 2241
   CLASS 200 UNDER ROADS, CLASS 150 ELSEWHERE
   SMALLER THAN 4" OTHER COPPER TUBE TYPE "K" (SOFT) PER AWWA 88 33 OR PVC, 200 P.S.I. PER ASTM D1784 AND D2241
6. MINIMUM TRENCH WIDTH SHALL BE 2 FEET
7. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
8. ALL UTILITIES SHOULD BE KEPT FAR (10') APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE CODE OF PIPE TO OUTSIDE CODE OF PIPE)
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATERLINES AND FORCEMAIN.
10. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY SEWER, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE PVC OR HDPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE MEETING REQUIREMENTS OF ANSI A21.10 OR ANSI 21.11 (AWWA C-151) (CLASS 50)
11. UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
12. ALL CONCRETE FOR CONSTRUCTION SHALL HAVE A MINIMUM 28 COMPRESSION STRENGTH AT 3000 P.S.I.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF PORT ST. LUCIE) WITH REGARD TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
14. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 FAC.
15. VALVES ARE NOT TO BE PLACED IN CURBS, DRIVEWAYS, OR DRIVEWAYS.
16. ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO RESURFACING PAVING.
17. DRIVEWAY APRON IS SHOWN FOR REFERENCE ONLY. DRIVEWAYS ARE NO BE CONSTRUCTED AND PERMITTED AS PART OF THE BUILDING PERMIT PROCESS

PSL USD PROJECT NO.: 512

CITY OF PORT ST. LUCIE PROJECT #

P16 - 120

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811

Kimley»Horn

DEL WEBB AT TRADITION

PREPARED FOR PULTE GROUP

FLORIDA

CITY OF PORT ST. LUCIE

UTILITY PLAN

SHEET NUMBER

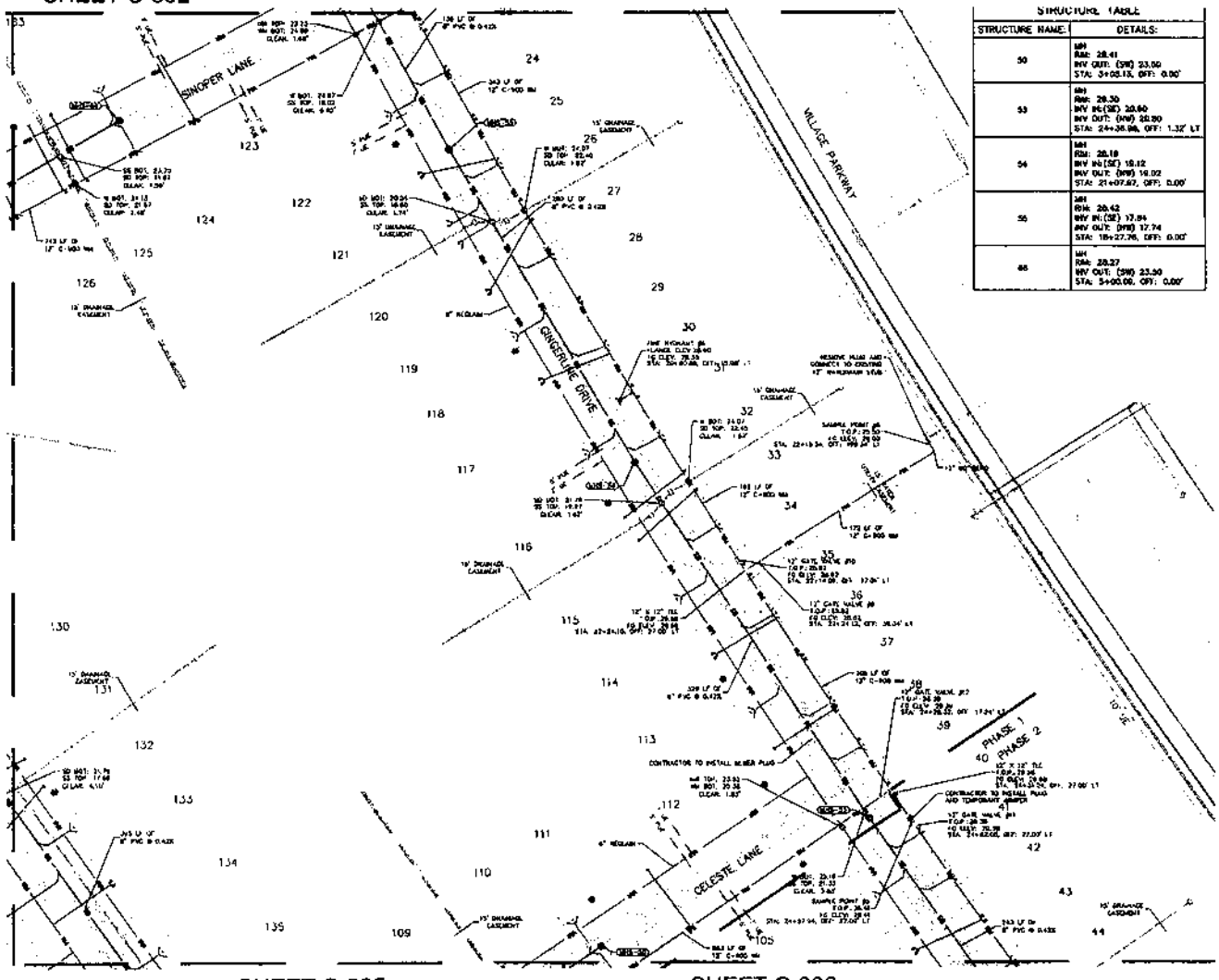
C-303

SHEET C-302

SHEET C-303

SHEET C-305

SHEET C-306

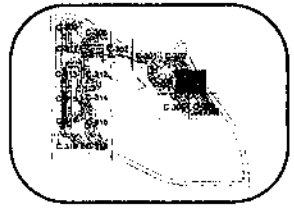


STRUCTURE TABLE

STRUCTURE NAME:	DETAILS:
50	MH RIM: 28.41 INV OUT: (SW) 23.00 STA: 3+08.13, OFF: 0.00'
53	MH RIM: 28.30 INV IN:(SE) 20.60 INV OUT: (NW) 20.50 STA: 24+36.96, OFF: 1.32' LT
54	MH RIM: 28.18 INV IN:(SE) 18.12 INV OUT: (NW) 18.02 STA: 21+07.67, OFF: 0.00'
55	MH RIM: 28.42 INV IN:(SE) 17.84 INV OUT: (NW) 17.74 STA: 18+27.26, OFF: 0.00'
56	MH RIM: 28.27 INV OUT: (SW) 23.50 STA: 5+00.00, OFF: 0.00'

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80



KEY MAP

UTILITY LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE WATER SERVICE (1" LINE W/ 3/4" METER UNLESS OTHERWISE NOTED)
- PROPOSED DOUBLE WATER SERVICE (1.5" LINE W/ (2) 3/4" METERS UNLESS OTHERWISE NOTED)
- PROPOSED SINGLE SEWER SERVICE W/ CO
- PROPOSED DOUBLE SEWER SERVICE W/ CO
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SEWER
- SANITARY MANHOLE NUMBER
- PROPOSED INVERT CAP
- PROPOSED TEE
- PROPOSED CROSS
- G.O.P.S.L. CITY OF PORT St. LUCIE
- PROPOSED LIGHT POLE

UTILITY NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, ACCEPTABLE TWEEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST FIELD TRUE LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES PRIOR CONTACT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL FILL MATERIAL IS TO BE BE PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
4. SANITARY SEWER TYPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
   8" PVC SEWER PER ASTM D 3034
   4" PVC SERVICE AS ASTM D 3034
5. WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS:
   6" AND LARGER PVC U-900 PER ASTM D 2241
   CLASS 200 UNDER ROADS, 0 DEFLECTION CLASS 150
   SMALLER THAN 6" DUCTILE IRON PIPE TYPE "K" (SEPTS) PER AWWA 210-82 OR PVC 900 F.D. PER ASTM D 1784 AND D2241
6. MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
7. ALL WATER LINES ARE TO BE MECHANICAL JOINTS AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
8. ALL UTILITIES SHALL BE KEPT TEN (10') FEET (HORIZONTALLY) ON NEW CROSSING UP VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE)
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATERLINES AND FORCEMAINS.
10. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY SEWER, STORM LINES AND GAS LINES (EXISTING AND PROPOSED) THE SANITARY LINE SHALL BE PVC OR HDPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE, MEETING REQUIREMENTS OF AWA A21.10 OR AWA 21.11 (AWWA C-151) CLASS 350.
11. ALL WATER LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
12. ALL CONCRETE FOR CONCRETE/PIPE SHALL HAVE A MINIMUM 28 COMPRESSION STRENGTH AT 3000 P.S.I.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF PORT ST. LUCIE) WITH RESPECT TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
14. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.330 FAC.
15. VALVES ARE NOT TO BE PLACED IN CURBS, SIDEWALKS, OR DRIVEWAYS.
16. ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BEGINNING PAVING.
17. DRIVEWAY APRON IS SHOWN FOR REFERENCE ONLY. DRIVEWAYS ARE TO BE CONSTRUCTED AND PERMITTED AS PART OF THE BUILDING PERMIT PROCESS.

PSL/USD PROJECT NO. 312

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA 00000696

No.	Revision	Date	Appr.
1	REVISED PER CITY COMMENTS	9/14/16	

JULIUS MATTERNAL
REGISTERED PROFESSIONAL ENGINEER
STATE OF FLORIDA LICENSE NUMBER 75245

KHA PROJECT 047867000
DATE 07/25/2016
SCALE AS SHOWN
DESIGNED BY AAS
DRAWN BY KJ
CHECKED BY KHA

UTILITY PLAN

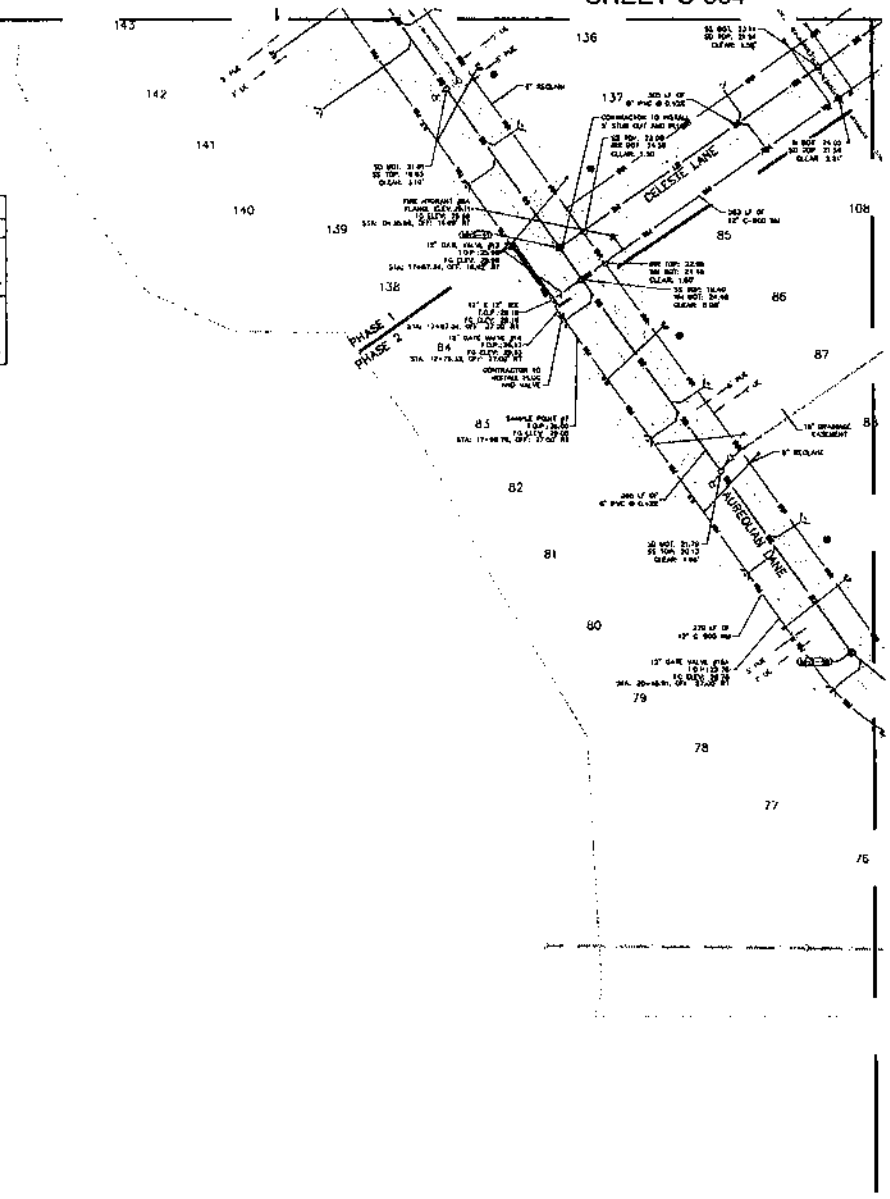
Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST. LUCIE

SHEET NUMBER
C-304

SHEET C-303

SHEET C-304



STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
40	MH RIM: 28.72 INV IN:(SE) 20.21 INV OUT: (NW) 20.11 STA: 20+05.24, OFF: 0.00'
41	MH OUTSIDE DROP RIM: 28.12 INV IN:(SE) 18.82 INV IN:(NE) 22.22 INV OUT: (NW) 18.52 STA: 17+40.34, OFF: 0.00'

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

KEY MAP

UTILITY LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE WATER SERVICE (1" LINE W/ 3/4" METER UNLESS OTHERWISE NOTED)
- PROPOSED DOUBLE WATER SERVICE (1.5" LINE W/ (2) 3/4" METERS UNLESS OTHERWISE NOTED)
- PROPOSED SINGLE SEWER SERVICE W/ CO
- PROPOSED DOUBLE SEWER SERVICE W/ CO
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SEWER
- SANITARY MANHOLE NUMBER
- PROPOSED WATER CAP
- PROPOSED TEE
- PROPOSED CROSS
- C.O.P.S.L. CITY OF PORT ST. LUCIE
- PROPOSED LIGHT POLE

UTILITY NOTES

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE, ALL CROSSING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THIS PLANS.
2. ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED PRIOR TO INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS PRIOR TO CONNECTING TO ANY EXISTING LINE.
4. SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
   4" PVC SCH40 PER ASTM D 3034
   6" PVC SCHEDULE 40
5. WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS:
   4" DIP LANGDIL PVC C-900 PER ASTM D 2241
   CLASS 200 UNDER ROADS, OTHERWISE CLASS 150
   SMALLER THAN 4" OTHER COMMON PLASTIC TYPE "A" (SDR 21) PER AWWA STD 20 PVC 200 P.S.I. PER AS BI D1784 AND D2241
6. MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
7. ALL WATER VALVES ARE TO BE MECHANICAL JOINTS AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
8. ALL UTILITIES SHOULD BE VERT 12H (10') APART (PARALLEL) OR MAIN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 48" COVER ON ALL WATERLINES AND FORCEMAINS.
10. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY LINES, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE PVC OR HDPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE MEETING REQUIREMENTS OF ANSI A21.10 OR ANSI 21.11 (AWWA C-151) (CLASS 50).
11. LINES UNDERNEATH SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
12. ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 COMPRESSION STRENGTH AT 3000 P.S.I.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF PORT ST. LUCIE) WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
14. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 61-555.200 F.A.C.
15. VALVES ARE NOT TO BE PLACED IN CURBS, SIDEWALKS, OR DRIVEWAYS.
16. ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BLOCKING PAVING.
17. SERVICE LINES TO SHOWN FOR REFERENCE ONLY. SERVICE LINES ARE TO BE CONSTRUCTED AND PERMITTED AS PART OF THE BUILDING PERMIT PROCESS.

PSLUSO PROJECT NO.: 012

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

Kimley»Horn

REVISIONS		
No.		DATE

ISSUED FOR PERMIT

KHA PROJECT 047857020

DATE 07/15/2016

SCALE AS SHOWN

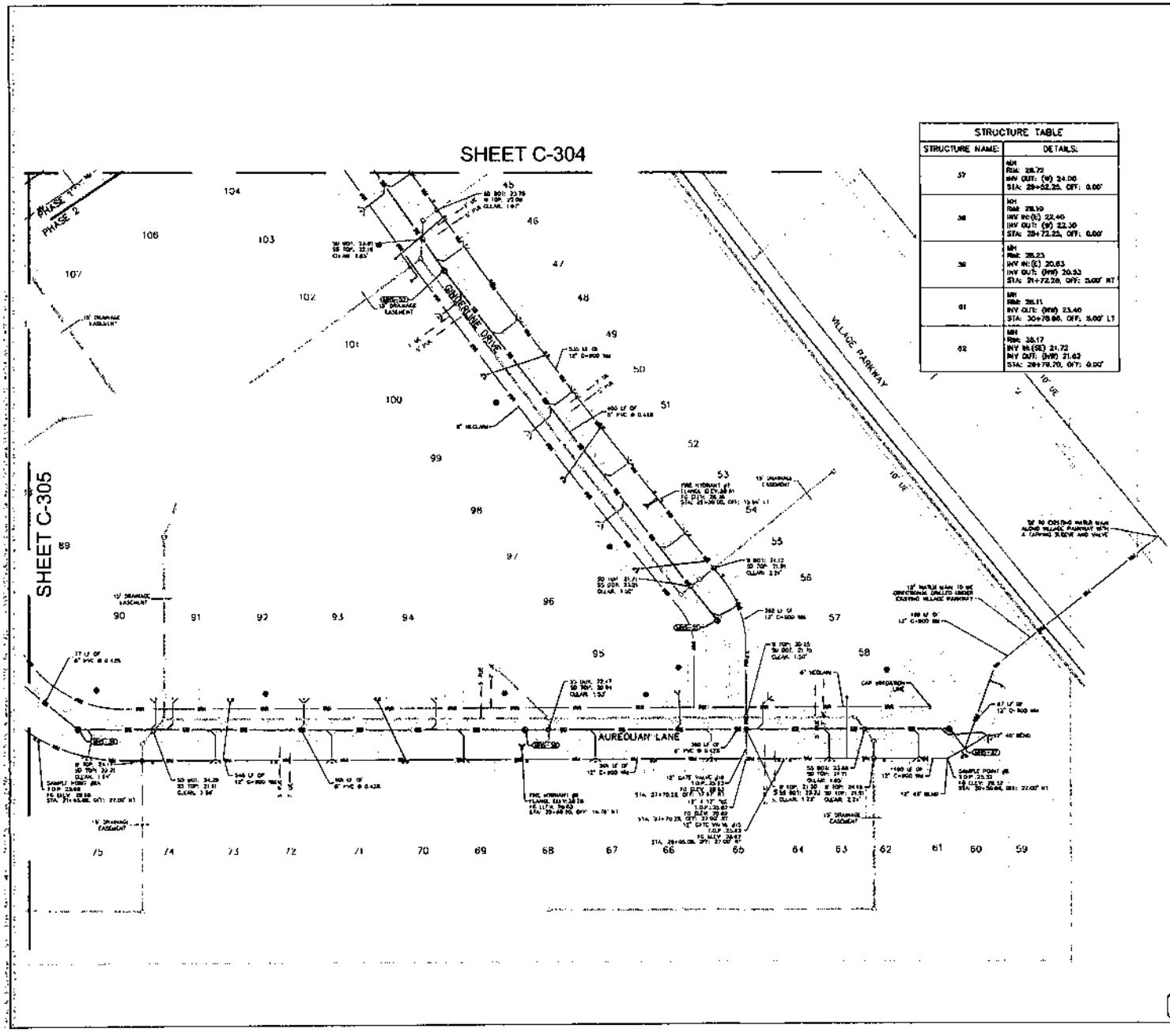
DESIGNED BY MJS

DRAWN BY KJG

CHECKED BY PTM

UTILITY PLAN

SHEET NUMBER
C-305



STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
37	MH RIM: 28.72 INV OUT: (W) 24.06 STA: 29+52.25, OFF: 0.00'
38	MH RIM: 28.39 INV IN:(E) 22.40 INV OUT: (W) 22.30 STA: 29+72.25, OFF: 0.00'
39	MH RIM: 28.23 INV IN:(E) 20.63 INV OUT: (WW) 20.53 STA: 31+72.20, OFF: 3.00' RT
61	MH RIM: 28.11 INV OUT: (WW) 23.40 STA: 30+78.86, OFF: 3.00' LT
62	MH RIM: 28.17 INV IN:(SE) 21.72 INV OUT: (WW) 21.62 STA: 28+78.70, OFF: 0.00'

KEY MAP

UTILITY LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE WATER SERVICE (1" LINE W/ 5/8" METER UNLESS OTHERWISE NOTED)
- PROPOSED DOUBLE WATER SERVICE (1.5" LINE W/ (2) 5/8" METERS UNLESS OTHERWISE NOTED)
- PROPOSED SINGLE SEWER SERVICE W/ CO
- PROPOSED DOUBLE SEWER SERVICE W/ CO
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SEWER
- SANITARY MANHOLE NUMBER
- PROPOSED WATER CAP
- PROPOSED TEE
- PROPOSED CROSS
- P.S.L.U.S. CITY OF PORT ST. LUCIE
- PROPOSED LIGHT POLE

UTILITY NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS 100% EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL UTILITIES INCLUDED WITH CONFLICTS WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES WORKING 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
4. SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
   8" PVC SDR26 FOR MAIN & 30cm
   6" PVC SCHEDULE 40
5. WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS:
   6" AND LARGER, PVC C-900 PER ASTM D 3241 CLASS 200 UNDER ROADS, OTHERWISE CLASS 150
   SMALLER THAN 6" OTHER COMMON TUBE TYPE "K" (SOFT) COPPER AND PVC 32 OR PVC, 200 P.S.I., PER ASTM D1785 AND D2241.
6. TRENCH WIDTH SHALL BE 2 FEET.
7. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
8. ALL UTILITIES SHALL BE KEPT TEN (10") INCHES (MINIMUM) OR BELOW CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL METALLICS AND FORCEMAINS.
10. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY LINES, STORM LINES AND G.A.S LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE PVC OR HDPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE MEETING REQUIREMENTS OF ANSI A21.10 OR ANSI 21.11 (AWWA C-151) (CLASS 50).
11. UTILITY UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
12. ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 COMPRESSIVE STRENGTH AT 3000 P.S.I.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF PORT ST. LUCIE) WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
14. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE LOCAL CODES REQUIREMENTS OF CHAPTER 62-555.320 FAC.
15. VALVES ARE NOT TO BE PLACED IN CURBS, SIDEWALKS, OR DRIVEWAYS.
16. ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BEGINNING PAVING.
17. DRIVEWAY APRON IS SHOWN FOR REFERENCE ONLY. DRIVEWAYS ARE TO BE CONSTRUCTED AND PERMITTED AS PART OF THE BUILDING PERMIT PROCESS.

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PSLUSD PROJECT NO: 512
CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

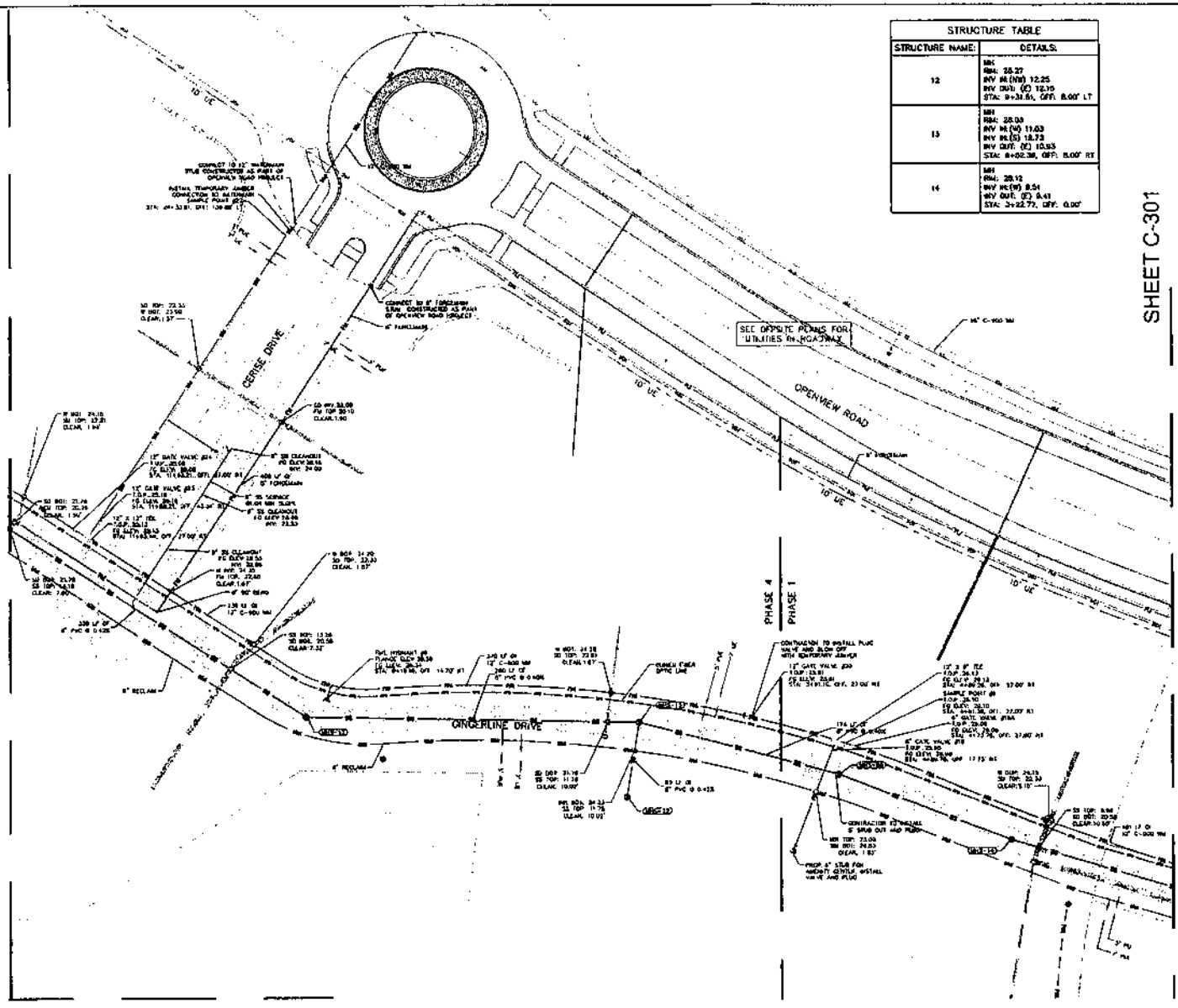
Kimley»Horn

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

UTILITY PLAN

SHEET NUMBER
C-306

CITY OF PORT ST. LUCIE



STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
12	MH RIM: 28.27 INV IN (NW) 12.25 INV OUT: (E) 12.15 STA: 9+31.61, OFF: 8.00' LT
13	MH RIM: 28.09 INV IN (W) 11.03 INV IN (S) 18.73 INV OUT: (E) 10.93 STA: 8+02.38, OFF: 8.00' RT
14	MH RIM: 28.12 INV IN (W) 8.54 INV OUT: (E) 8.41 STA: 3+22.72, OFF: 0.00'

KEY MAP

UTILITY LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE WATER SERVICE (1" MIN W/ 5/8" METER UNLESS OTHERWISE NOTED)
- PROPOSED DOUBLE WATER SERVICE (1-1/4" MIN W/ (2) 5/8" METERS UNLESS OTHERWISE NOTED)
- PROPOSED SINGLE SEWER SERVICE W/ CO
- PROPOSED DOUBLE SEWER SERVICE W/ CO
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SEWER
- SANITARY MANHOLE NUMBER
- PROPOSED WATER CAP
- PROPOSED TEE
- PROPOSED CROSS
- C.O.P.S.L. CITY OF PORT ST. LUCIE
- PROPOSED LIGHT POLE

UTILITY NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL CROSSING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
4. SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
   - 8" PVC SEWER PER ASTM D 3034
   - 8" PVC SCHEDULE 40
5. WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS:
   - 8" AND LARGER: PVC C-900 PER ASTM D 2241 CLASS 200 UNLESS NOTED, OTHERWISE CLASS 150
   - SMALLER THAN 8" LINES: COPPER TUBE TYPE "L" (SOFT) PER ANSI B16.22, OR PVC 200 P.S.I. PER ASTM D1784 AND D2241
6. MIN TRENCH WIDTH SHALL BE 3 FEET
7. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
8. ALL UTILITIES SHOULD BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATERMAINS AND FORCEMAINS.
10. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY LINES, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE PVC OR HDPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE, MEETING REQUIREMENTS OF ANSI A21.10 OR ANSI 21.11 (CURRENT C-151) CLASS 50.
11. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
12. ALL CONCRETE FOR EMBEDMENTS SHALL HAVE A MINIMUM 28 COMPRESSIVE STRENGTH AT 3000 P.S.I.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF PORT ST. LUCIE) WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
14. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 FAC.
15. VALVES ARE NOT TO BE PLACED IN CURBS, SIDEWALKS, OR DRIVEWAYS.
16. ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BEGINNING PAVING.
17. DRIVEWAY APRON IS SHOWN FOR REFERENCE ONLY. DRIVEWAYS ARE TO BE DESIGNED AND PERMITTED AS PART OF THE BUILDING PERMIT PROCESS.

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PSLUSD PROJECT NO.: 512
CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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445 24th STREET, S. E. 32962 VERO BEACH, FLORIDA
PHONE: 772-794-0030
WWW.KIMLEY-HORN.COM CA: 00000069

LICENSED PROFESSIONAL	KAHN ...
	SEAL JACKIE NUNEZ 75-53
CIVIL PROJECT DATE	07/5/2016
SCALE	AS SHOWN
DESIGNED BY	AAS
DRAWN BY	WJP
CHECKED BY	

DelWebb
AT TRADITION
PREPARED FOR
PULTE GROUP

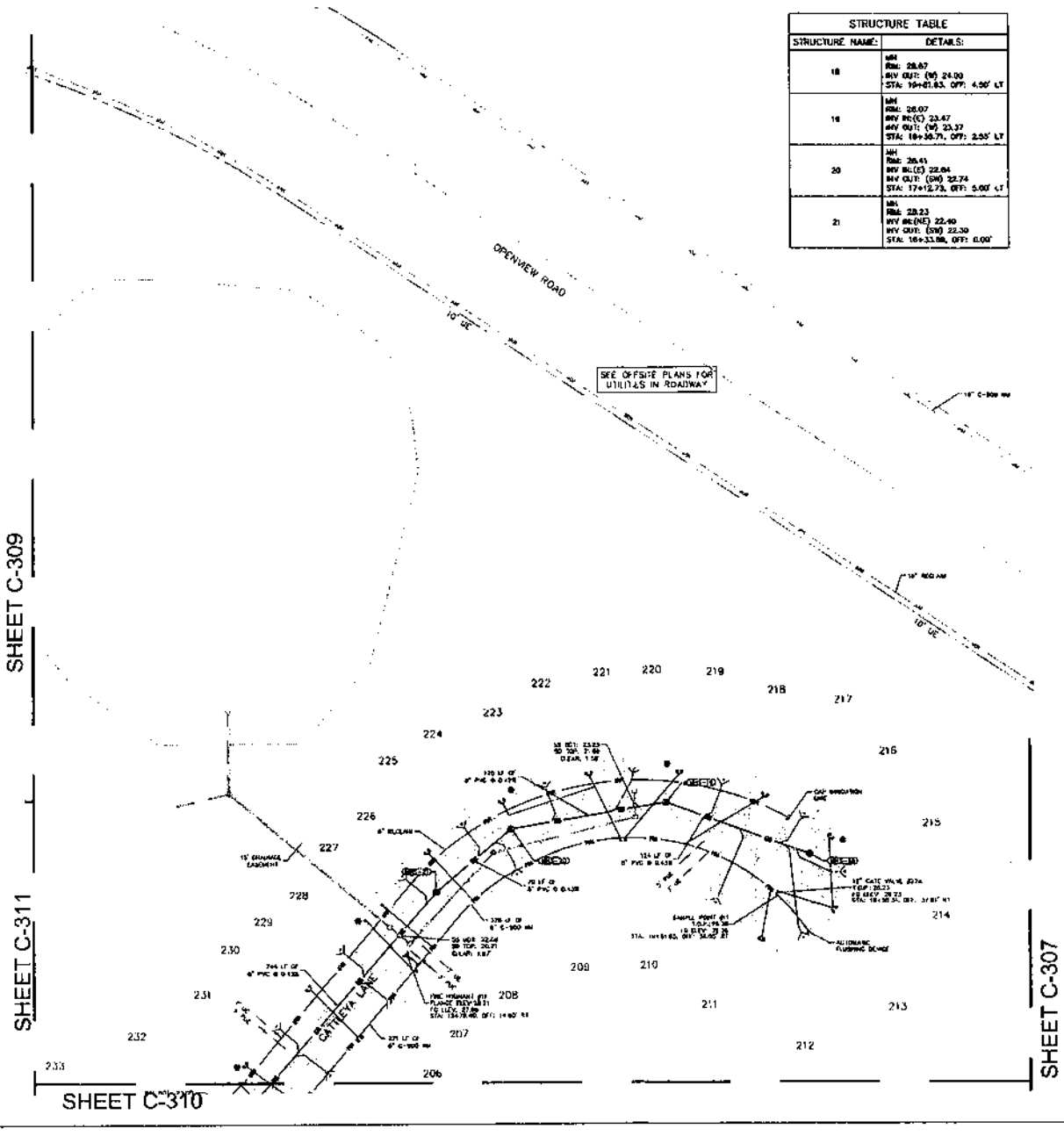
UTILITY PLAN

CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-307

REVISIONS	DATE	BY

STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
18	MH RIM: 28.67 INV OUT: (W) 24.00 STA: 19+01.63, OFF: 4.90' LT
19	MH RIM: 28.07 INV IN:(E) 23.47 INV OUT: (W) 23.37 STA: 18+30.71, OFF: 2.55' LT
20	MH RIM: 26.43 INV IN:(E) 22.84 INV OUT: (SW) 22.74 STA: 17+12.73, OFF: 5.00' LT
21	MH RIM: 28.23 INV IN:(NE) 22.40 INV OUT: (SW) 22.30 STA: 16+33.88, OFF: 0.00'



KEY MAP

UTILITY LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE WATER SERVICE (1" LINE W/ 3/4" METER UNLESS OTHERWISE NOTED)
- PROPOSED DOUBLE WATER SERVICE (1-3" LINE W/ (2) 3/4" METERS UNLESS OTHERWISE NOTED)
- PROPOSED SINGLE SEWER SERVICE W/ CO
- PROPOSED DOUBLE SEWER SERVICE W/ CO
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SEWER
- SANITARY MANHOLE REBUILD
- PROPOSED WATER CAP
- PROPOSED TEE
- PROPOSED CROSS
- C.O.P.S.L. CITY OF PORT ST. LUCIE
- PROPOSED LIGHT POLE

UTILITY NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE PURSUANT MEASUREMENTS CHECK IN THE FIELD, THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
4. SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
   - 4" PVC SDR35 PER ASTM D 3034
   - 6" PVC SCH 40 PER ASTM D 1785
5. WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS:
   - 6" AND LARGER PVC C-900 PER ASTM D 3041 CLASS 200 (MEANS PSI) OTHERWISE CLASS 150
   - SMALLER THAN 6" OTHER COPPER TUBE TYPE "K" (SEE ASTM B88 AND ASTM B251 FOR PVC 200 P.S.I. PER ASTM D1784 AND D2241.
6. MINIMUM PRESSURE HEAD SHALL BE 2 FEET.
7. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
8. ALL UTILITIES SHALL BE KEPT TEN (10') APART (HORIZONTAL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATERLINES AND FORCEMAINS.
10. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY LINES, STORM LINES AND GAS LINES (CONTROL AND PROPOSED), THE SANITARY LINE SHALL BE PVC OR HDPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE, MEETING REQUIREMENTS OF ANSI A21.10 OR ANSI 21.11 (AWWA C-111) (CLASS 50).
11. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
12. ALL CONCRETE FOR UNDERGROUND SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH AT 3000 P.S.I.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF PORT ST. LUCIE) WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
14. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH PVC COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 F.A.C.
15. VALVES ARE NOT TO BE PLACED IN CURBS, SIDEWALKS, OR DRIVEWAYS.
16. ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BEGINNING PAVING.
17. DRIVEWAY APRON IS SHOWN FOR REFERENCE ONLY. DRIVEWAYS ARE TO BE CONSTRUCTED AND PERMITTED AS PART OF THE BUILDING PERMIT PROCESS.

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PSLUSD PROJECT NO.: 313

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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4452 SW MARTIN HIGHWAY, PALM CITY, FL 34990
PHONE: 772-287-1452
WWW.KIMLEY-HORN.COM CA 00000696

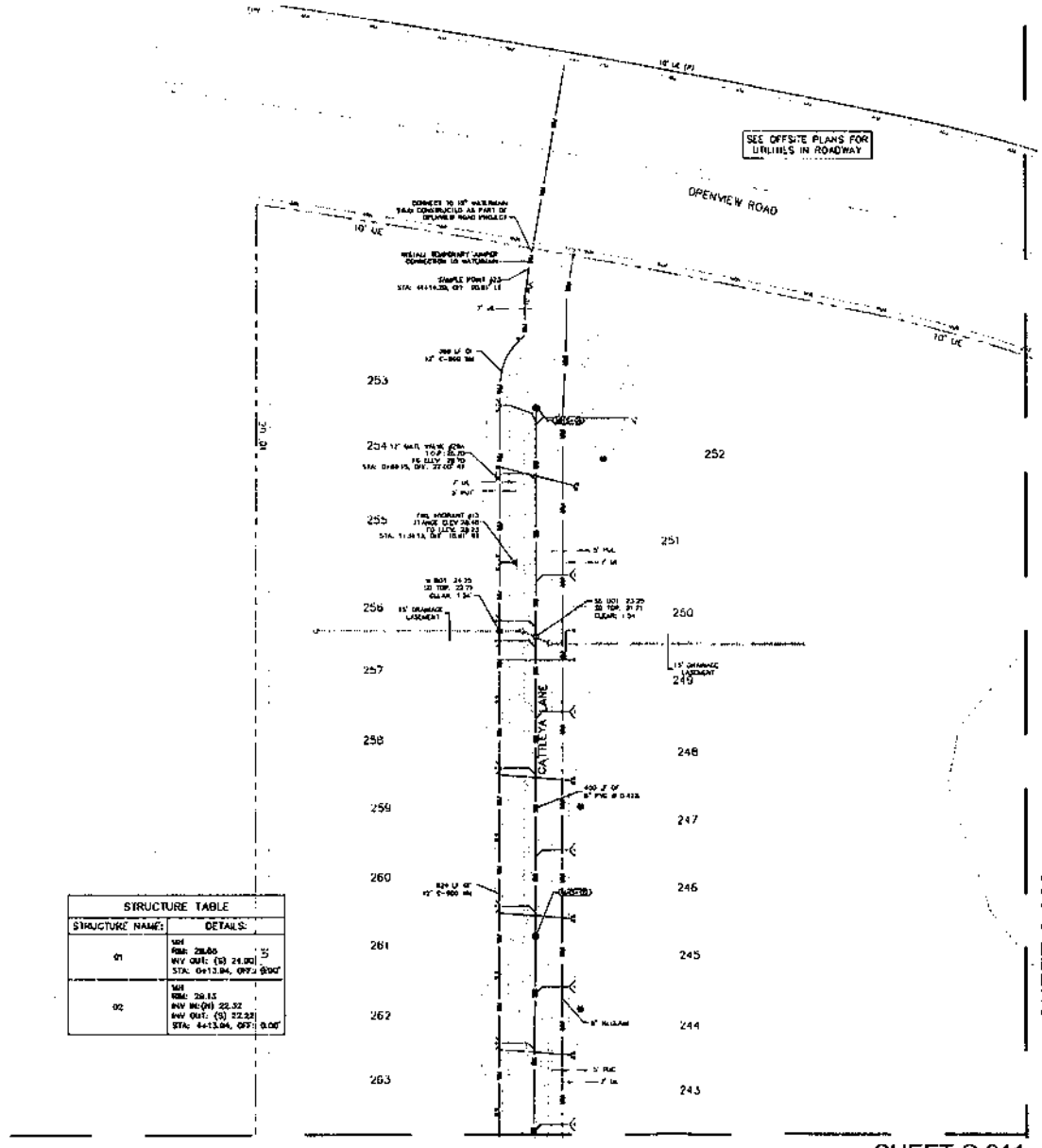
LICENSED PROFESSIONAL ENGINEER	KIMLEY-HORN
	STATE LICENSE NUMBER 7945
KHA PROJECT 047857026	DATE 01/14/2016
SCALE AS SHOWN	DESIGNED BY KHS
DRAWN BY VJP	CHECKED BY KHS

UTILITY PLAN

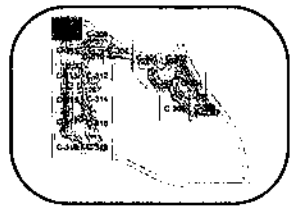
Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP
FLORIDA

CITY OF PORT ST. LUCIE

SHEET NUMBER
C-308



STRUCTURE TABLE		
STRUCTURE NAME:	DETAILS:	
01	MH RIM: 28.86 INV OUT: (S) 24.00 STA: 0+13.04, OFF: 0.00'	S
02	MH RIM: 28.15 INV IN:(N) 22.32 INV OUT: (S) 22.22 STA: 4+13.04, OFF: 0.00'	



KEY MAP

UTILITY LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE WATER SERVICE (1" UNLESS W/ 5/8" METER UNLESS OTHERWISE NOTED)
- PROPOSED DOUBLE WATER SERVICE (1" UNLESS W/ (2) 3/4" METERS UNLESS OTHERWISE NOTED)
- PROPOSED SINGLE SEWER SERVICE W/ CO
- PROPOSED DOUBLE SEWER SERVICE W/ CO
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SEWER
- SANITARY MANHOLE NUMBER
- PROPOSED BATLIK CAP
- PROPOSED XX
- PROPOSED CINOLS
- G.O.P.S.L. CITY OF PORT ST. LUCIE
- PROPOSED LIGHT POLE

UTILITY NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL CONFLICT UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL FILL MATERIAL TO BE BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
4. SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
   8" PVC SDR35 PER ASTM D 3034
   4" PVC SCHEDULE 40
5. WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS:
   6" AND LARGER: PVC C-900 PER ASTM D 2241
   CLASS 200 UNDER ROADS, DIRECTIONAL DRILL 160
   SMALLER THAN 6" TO BEAR WITHIN SDR, TYPE 1, (NSF-61) PLR HDPE 315 33 OR PVC 200 P.S.I., PER ASTM D1784 AND D2241.
6. MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
7. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
8. ALL UTILITIES SHOULD BE KEPT TEN (10') FEET (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATERLINES AND FORCEMAINS.
10. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER MAINS, SANITARY LINES, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE PVC OR HDPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE MEETING REQUIREMENTS OF AWWA C111/A21.10 OR AWWA C116/A21.51 (AWWA C-116) FOLDER 500.
11. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
12. ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 COMPRESSIVE STRENGTH AT 2000 P.S.I.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF PORT ST. LUCIE) WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
14. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.330 F.A.C.
15. VALVES ARE NOT TO BE PLACED IN CURBS, SIDEWALKS, OR DRIVEWAYS.
16. ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BEGINNING PAVING.
17. DRIVEWAY WORK IS SHOWN FOR INFORMATION ONLY. IMPROVEMENTS ARE TO BE CONSTRUCTED AND PERMITTED AS PART OF THE BUILDING PERMIT PROCESS.

PSLUSD PROJECT NO: 312

CITY OF PORT ST. LUCIE PROJECT #

P16 - 120

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REVISIONS		DATE
No.		

HKA PROJECT 047801021	
DATE	07/5/2016
SCALE	AS SHOWN
DESIGNED BY	AAS
DRAWN BY	VJ
CHECKED BY	RTH

UTILITY PLAN

Del Webb

AT TRADITION

PREPARED FOR

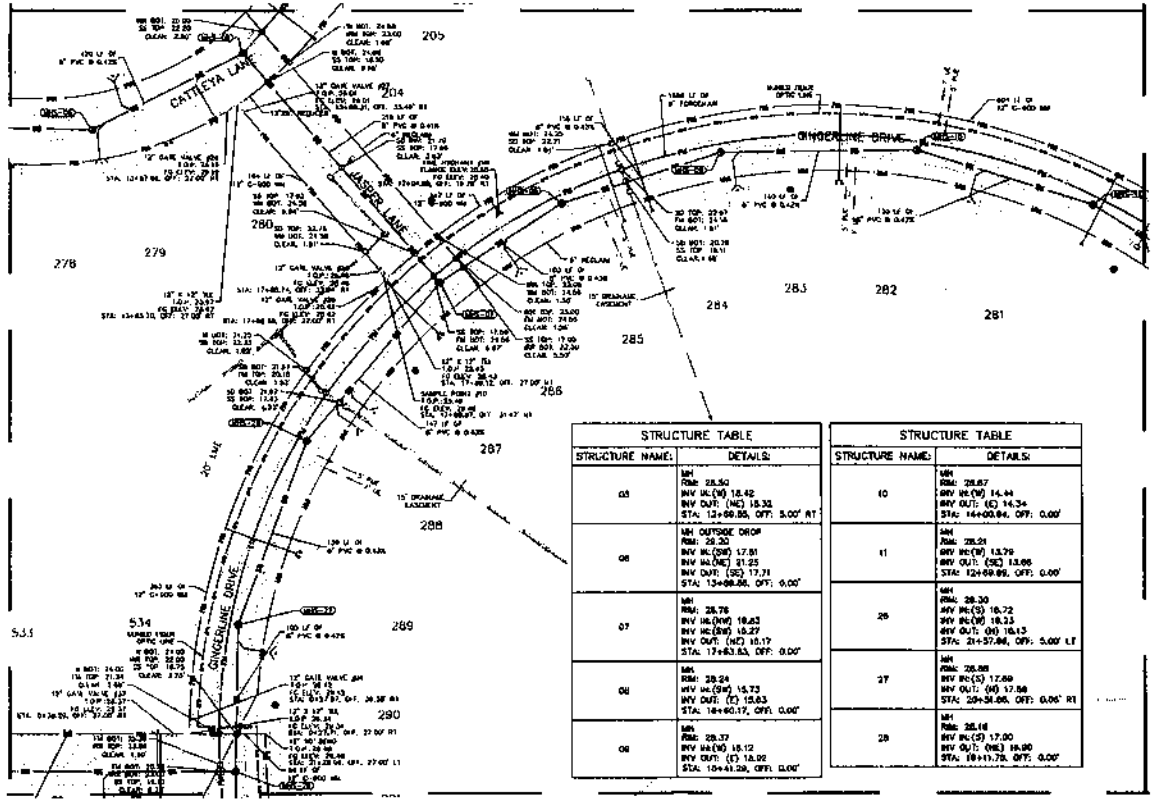
PULTE GROUP

CITY OF PORT ST. LUCIE

SHEET NUMBER

C-309

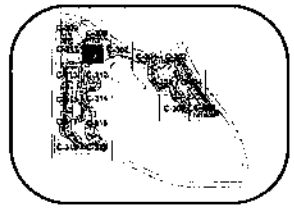
SHEET C-308



SHEET C-312

STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
03	MH RIM: 28.50 INV IN:(W) 18.42 INV OUT: (NE) 18.32 STA: 12+60.55, OFF: 5.00' RT
06	MH OUTSIDE DROP RIM: 28.30 INV IN:(SW) 17.81 INV IN:(NE) 21.25 INV OUT: (SE) 17.71 STA: 13+00.00, OFF: 0.00'
07	MH RIM: 28.76 INV IN:(NW) 18.63 INV IN:(SW) 18.27 INV OUT: (NE) 18.17 STA: 17+63.63, OFF: 0.00'
08	MH RIM: 28.24 INV IN:(SW) 15.73 INV OUT: (E) 15.63 STA: 18+60.17, OFF: 0.00'
09	MH RIM: 28.37 INV IN:(W) 15.12 INV OUT: (E) 15.02 STA: 19+41.28, OFF: 0.00'

STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
10	MH RIM: 28.67 INV IN:(W) 14.44 INV OUT: (E) 14.34 STA: 14+00.84, OFF: 0.00'
11	MH RIM: 28.21 INV IN:(W) 13.79 INV OUT: (SE) 13.66 STA: 12+00.00, OFF: 0.00'
26	MH RIM: 28.30 INV IN:(S) 18.72 INV IN:(W) 18.13 INV OUT: (N) 18.13 STA: 21+57.84, OFF: 5.00' LT
27	MH RIM: 28.88 INV IN:(S) 17.69 INV OUT: (N) 17.58 STA: 20+56.66, OFF: 0.06' RT
28	MH RIM: 28.18 INV IN:(S) 17.00 INV OUT: (NE) 16.90 STA: 19+11.78, OFF: 0.00'



KEY MAP

UTILITY LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE WATER SERVICE 1" LINE W/ 5/8" METER UNLESS OTHERWISE NOTED)
- PROPOSED DOUBLE WATER SERVICE 1½" LINE W/ (2) 1/2" METERS UNLESS OTHERWISE NOTED)
- PROPOSED SINGLE SEWER SERVICE W/ CO
- PROPOSED DOUBLE SEWER SERVICE W/ CO
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SEWER
- SANITARY MANHOLE NUMBER
- PROPOSED WATER CAP
- PROPOSED TEE
- PROPOSED CROSS
- C.O.P.S.L. CITY OF PORT ST. LUCIE
- PROPOSED LIGHT POLE

UTILITY NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND ARE POSSIBLE NEW BRANCHES TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST FIELD FIXING LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL CROSSING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
4. SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
   8" PVC SDR35 PER ASTM D 3034
   8" PVC SCHEDULE 40
5. WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS:
   8" AND LARGER PVC C-900 PER AWWA C 900.
   CLASS 200 UNDER ROADS, OTHERWISE CLASS 150
   SMALLER THAN 8" DUCTIL COPPER TUBE TYPE "K" (SOFT) PER AWWA B88.02 OR PVC 200 PSI CLASS PER ASTM D1784 AND D2241
6. UNIBAND PRODUCT WATER SHALL BE 2 PSCT.
7. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
8. ALL UTILITIES SHOULD BE KEPT 10ft (10") APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATERMAINS AND FORCEMAINS.
10. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY LINES, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE PVC OR HDPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE MEETING REQUIREMENTS OF AWWA AND AS 10 OR AWW 31.51 (AWWA C-150) CLASS 150.
11. LARGE UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
12. ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 COMPRESSION STRENGTH AT 2000 P.S.I.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF PORT ST. LUCIE) WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
14. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 F.A.C.
15. VALVES ARE NOT TO BE PLACED IN CURBS, SIDEWALKS, OR DRIVEWAYS.
16. ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BLOCKING PAVING.
17. DRIVEWAY APRON IS SHOWN FOR REFERENCE ONLY. DRIVEWAYS ARE TO BE CONSTRUCTED AND PERMITTED AS PART OF THE BUILDING PERMIT PROCESS.

PSLUSD PROJECT NO.: 512

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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Kimley»Horn

No.	REVISION	DATE

STATE OF FLORIDA PROFESSIONAL ENGINEER
RYAN T. HOLLAR
NO. 75455

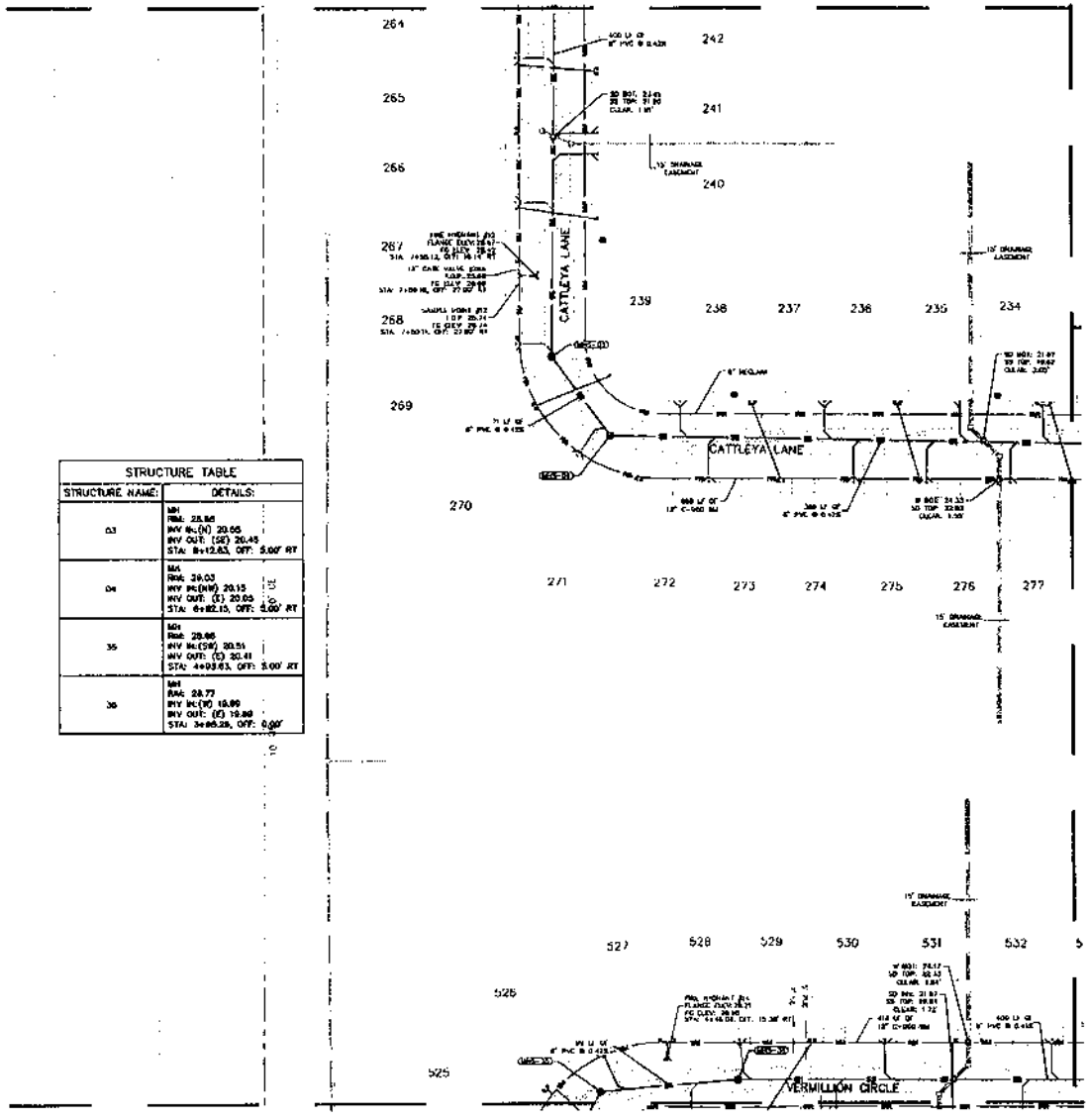
FINAL PROJECT DATE 07/13/2016
SCALE AS SHOWN
DESIGNED BY KAS
DRAWN BY WJ
CHECKED BY RTH

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

UTILITY PLAN

SHEET NUMBER
C-310

SHEET C-309



SHEET C-310

SHEET C-313

STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
03	MH RIM: 28.86 INV IN:(N) 20.65 INV OUT: (SE) 20.45 STA: 8+12.83, OFF: 5.00' RT
04	MH RIM: 29.03 INV IN:(NW) 20.15 INV OUT: (E) 20.05 STA: 6+82.15, OFF: 5.00' RT
35	MH RIM: 28.86 INV IN:(SW) 20.51 INV OUT: (E) 20.41 STA: 4+93.63, OFF: 5.00' RT
36	MH RIM: 28.77 INV IN:(W) 19.80 INV OUT: (E) 19.80 STA: 3+85.28, OFF: 0.00'

KEY MAP

UTILITY LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE WATER SERVICE (1" LINE W/ 5/8" METER UNLESS OTHERWISE NOTED)
- PROPOSED DOUBLE WATER SERVICE (1.5" LINE W/ (2) 5/8" METERS UNLESS OTHERWISE NOTED)
- PROPOSED SINGLE SEWER SERVICE W/ CO
- PROPOSED DOUBLE SEWER SERVICE W/ CO
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SEWER
- SANITARY MANHOLE NUMBER
- PROPOSED WATER CAP
- PROPOSED TEE
- PROPOSED CROSS
- C.O.P.S.J. CITY OF PORT ST. LUCIE
- PROPOSED LIGHT POLE

UTILITY NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON WATER PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. SAID INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
4. SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
   - 4" PVC SDR35 PER ASTM D 3034
   - 6" PVC SCHEDULE 40
5. WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS:
   - 2" AND LARGER: PVC C-900 MJ ASTM D 2241, CLASS 200 UNDER ROADS, DRIVEWAYS, CLASS 150
   - SMALLER THAN 2": OTHER COPPER TUBE TYPE "K" (SOFT) PER AWWA 3/4 OR THE PVC 200 P.S.I., PER AWWA DIRECT AND ASTM.
6. MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
7. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
8. ALL UTILITIES SHOULD BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATERLINES AND FORCEMAINS.
10. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY LINES, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE PVC OR HDPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE MEETING REQUIREMENTS OF ANSI A21.10 OR ANSI A21.11 (AWWA C-151) (CLASS 50).
11. LINES UNDERGROUND SHALL BE PROTECTED, INSPECTED AND APPROVED BEFORE BACKFILLING.
12. ALL CONCRETE FOR UNDERMINERS SHALL HAVE A MINIMUM 28 COMPRESSION STRENGTH AT 3000 P.S.I.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF PORT ST. LUCIE) WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
14. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 F.A.C.
15. VALVES ARE NOT TO BE PLACED IN CURBS, DRIVEWAYS, OR DRIVEWAYS.
16. ALL MANHOLE SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BEGINNING PAVING.
17. DIRECTIONAL ARROW IN WATER FOR REFERENCE ONLY. DRIVEWAYS ARE TO BE DESIGNATED AND PERMITTED AS PART OF THE BUILDING PERMIT PROCESS.

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW!
DIAL 811

PRUSD PROJECT NO: 512
CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

Kimley»Horn

REVISIONS		
	DATE	BY

CERTIFICATE OF AUTHORIZATION

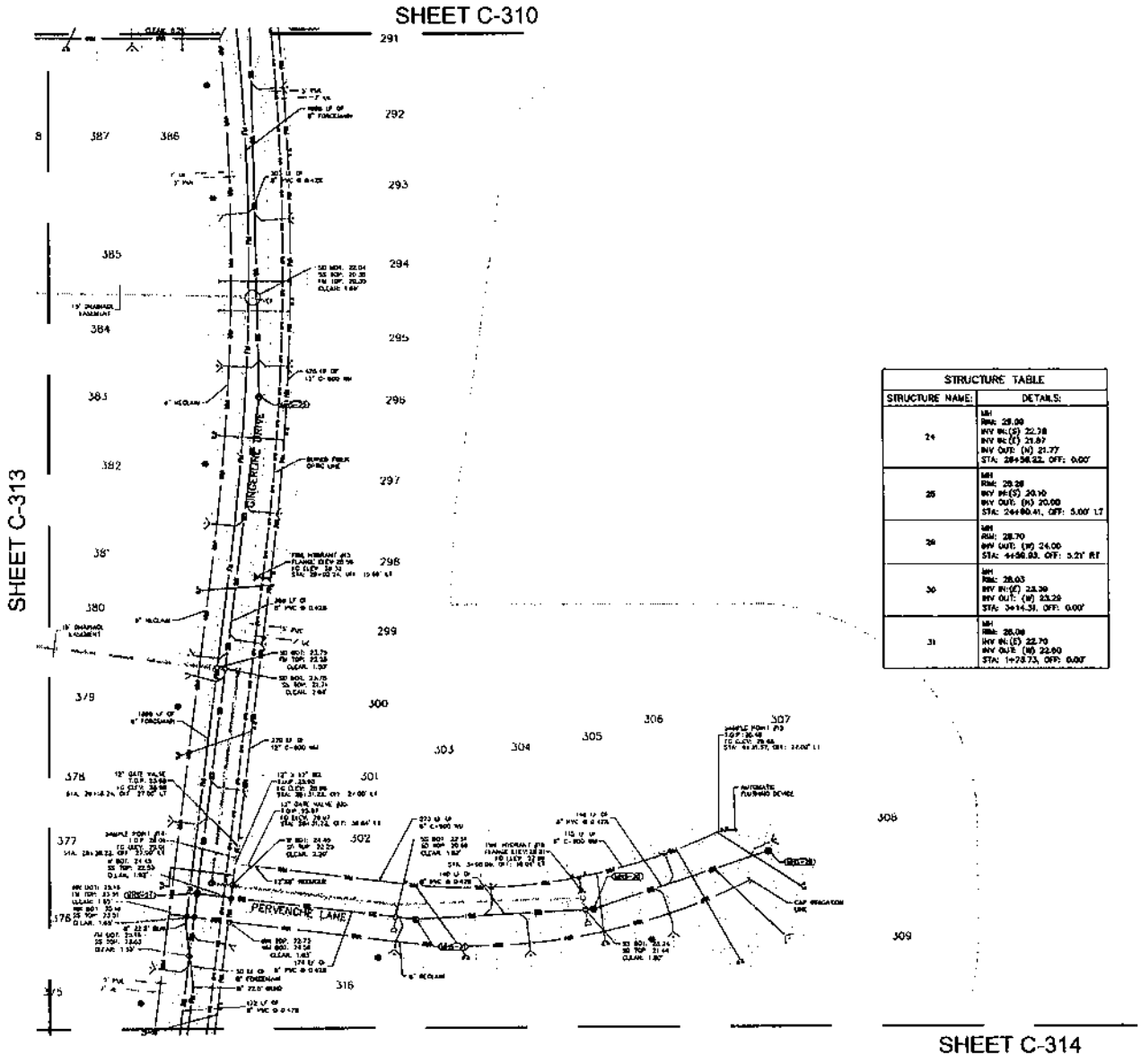
PROJECT
DATE 07/15/2016
SCALE AS SHOWN
DESIGNED BY
DRAWN BY
CHECKED BY

FLORIDA LICENSE NUMBER 75481

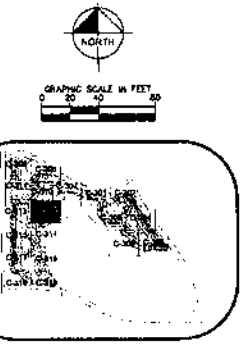
UTILITY PLAN

SHEET NUMBER
C-311

CITY OF PORT ST. LUCIE



STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
24	MH RIM: 29.00 INV IN:(S) 22.38 INV IN:(E) 21.87 INV OUT: (N) 21.77 STA: 2+56.22, OFF: 0.00'
25	MH RIM: 29.28 INV IN:(S) 20.10 INV OUT: (N) 20.00 STA: 2+60.41, OFF: 5.00' LT
26	MH RIM: 28.70 INV OUT: (W) 24.00 STA: 4+36.93, OFF: 5.21' RT
30	MH RIM: 28.03 INV IN:(E) 23.39 INV OUT: (W) 23.29 STA: 3+14.31, OFF: 0.00'
31	MH RIM: 28.08 INV IN:(E) 22.70 INV OUT: (W) 22.60 STA: 1+28.73, OFF: 0.00'



KEY MAP

UTILITY LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE WATER SERVICE (1" LINE W/ 5/8" METER UNLESS OTHERWISE NOTED)
- PROPOSED DOUBLE WATER SERVICE (1-1/2" LINE W/ (2) 5/8" METERS UNLESS OTHERWISE NOTED)
- PROPOSED SINGLE SEWER SERVICE W/ CO
- PROPOSED DOUBLE SEWER SERVICE W/ CO
- PROPOSED SANITARY MANHOLE
- PROPOSED SEWER
- SANITARY MANHOLE NUMBER
- PROPOSED WATER CAP
- PROPOSED B.L.
- PROPOSED CROSS
- C.O.P.S.L. CITY OF PORT ST. LUCIE
- PROPOSED LIGHT POLE

UTILITY NOTES

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENT IS MADE IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS HAVING EXACT OR COMPLETE ACCURACY. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES 48 HOURS PRIOR BEFORE CONNECTING TO ANY EXISTING LINES.
4. SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
   - 8" PVC SEWER PIPE ASTM D 3034
   - 8" PVC SCHEDULE 40
5. WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS:
   - 8" AWWA HARDLOK PVC C-900 PER ASTM D 3241
   - SLAND 900 UNDER ROADS, DIRECTIONAL CLASS 150
   - SINGLE "MAX" BY OTHER OWNER TYPE TYL (SDR 9) PER AWWA M10 20 ON PVC, 3400 P.S.I., PER ASTM D1784 AND D3243
6. MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
7. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
8. ALL UTILITIES SHOULD BE KEPT TEN (10') APART (HORIZONTAL) AT WHICH CROSSING 18" VERTICAL CLEARANCE (AT THE CLOSE OF PIPE TO OUTSIDE EDGE OF PIPE).
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATERLINES AND FORCEMAINS.
10. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY LINES, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE PVC OR HDPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE, WITH A MINIMUM OF 36" COVER.
11. LINES, UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
12. ALL CONCRETE FOR THICKENDEDS SHALL HAVE A MINIMUM 28 COMPRESSION STRENGTH AT 3000 P.S.I.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF PORT ST. LUCIE) WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
14. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE CROSS CONNECTION REQUIREMENTS OF CHAPTER 62-555.330 FAC.
15. VALVES ARE NOT TO BE PLACED IN CURBS, SIDEWALKS, OR DRIVEWAYS.
16. ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BECOMING FUNCTIONAL.
17. CONCRETE APRON TO BE POURED FOR REFERENCE ONLY. DRIVEWAYS ARE TO BE CONSTRUCTED AND PERMITTED AS PART OF THE BUILDING PERMIT PROCESS.

PSLUSD PROJECT NO: 512

CITY OF PORT ST. LUCIE PROJECT #

P16 - 120

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DIAL 811

811 Know what's below. Call before you dig.

Kimley»Horn

NO.	REVISIONS	DATE	BY

KHA PROJECT	047887070
DATE	07/25/2016
SCALE	AS SHOWN
DESIGNED BY	AKS
DRAWN BY	MCP
CHECKED BY	AKS

SEALED PROFESSIONAL ENGINEER

STATE OF FLORIDA LICENSE NUMBER 75461

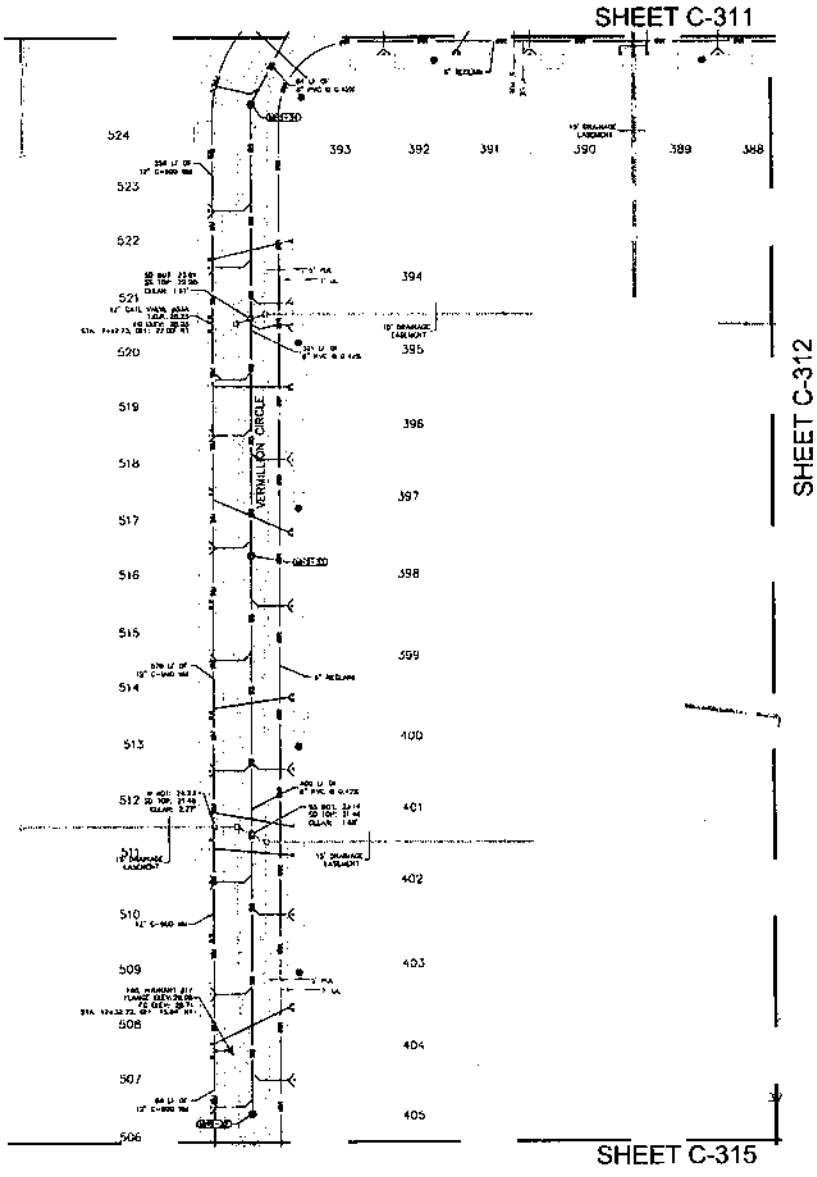
UTILITY PLAN

Del Webb AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-312

STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
32	MH RIM: 29.00 INV OUT: (N) 24.00 STA: 12+78.10, OFF: 0.00'
33	MH RIM: 29.84 INV IN:(S) 22.32 INV OUT: (N) 22.22 STA: 8+78.10, OFF: 0.00'
34	MH RIM: 28.75 INV IN:(S) 20.85 INV OUT: (NE) 20.75 STA: 5+08.90, OFF: 0.00'



KEY MAP

UTILITY LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE SERVICE (1" LINE W/ 3/4" METER UNLESS OTHERWISE NOTED)
- PROPOSED DOUBLE SERVICE (1.5" LINE W/ (2) 3/4" METERS UNLESS OTHERWISE NOTED)
- PROPOSED SINGLE SEWER SERVICE W/ CO
- PROPOSED DOUBLE SEWER SERVICE W/ CO
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SEWER
- SANITARY MANHOLE NUMBER
- PROPOSED WATER CAP
- PROPOSED TEE
- PROPOSED BEND
- CO.P.S.L. CITY OF PORT ST. LUCIE
- PROPOSED LIGHT POLE

UTILITY NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS 100% EXACT OR CORRECT. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
4. SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
   8" PVC SDR26 PER ASTM D 3034
   8" PVC DUCTILE IRON
5. WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS:
   6" AND LARGER PVC C-900 PER ASTM D 2241
   CLASS 350 MEGA RINGS, DIAMETER CLASS 150
   SMALLER THAN 6" EITHER COPPER TUBE TYPE "K" (SIZES PER ANSI B16.22 OR PVC, SDR 21 B1, PER ASTM D1784 AND D2241.
6. MINIMUM PRODUCT WIDTH SHALL BE 2 FEET.
7. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
8. ALL UTILITIES SHOULD BE KEPT TEN (10') APART (PARALLEL) OR WITH DRAINAGE 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE)
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATERLINES AND TURNOUTS.
10. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER MAIN, SANITARY LINES, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE PVC OR HDPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE. NOTING REQUIREMENTS OF ANSI A21.10 OR ANSI 21.11 (AWWA C-111) (CLASS 350)
11. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING
12. ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 COMPRESSION STRENGTH AT 2000 P.S.I.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF PORT ST. LUCIE) SEWER REQUIREMENTS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
14. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 F.A.C.
15. VALVES ARE NOT TO BE PLACED IN CURBS, DRIVEWAYS, OR DRIVEWAYS.
16. ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BEGINNING PAVING.
17. DRIVEWAY APRON IS SHOWN FOR REFERENCE ONLY. DRIVEWAYS ARE TO BE CONSTRUCTED AND PERMITTED AS PART OF THE BUILDING PERMIT PROCESS.

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PSLUSD PROJECT NO.: 512
CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

Kimley»Horn
8 STA. CLUB DRIVE, SUITE 100
VERO BEACH, FL 32963
PHONE: 772-794-4100
www.KIMLEY-HORN.COM C# 000096

REVISIONS | DATE

SEAL | SIGNATURE | DATE

NOT FOR CONSTRUCTION UNTIL SEALED
07/15/2016

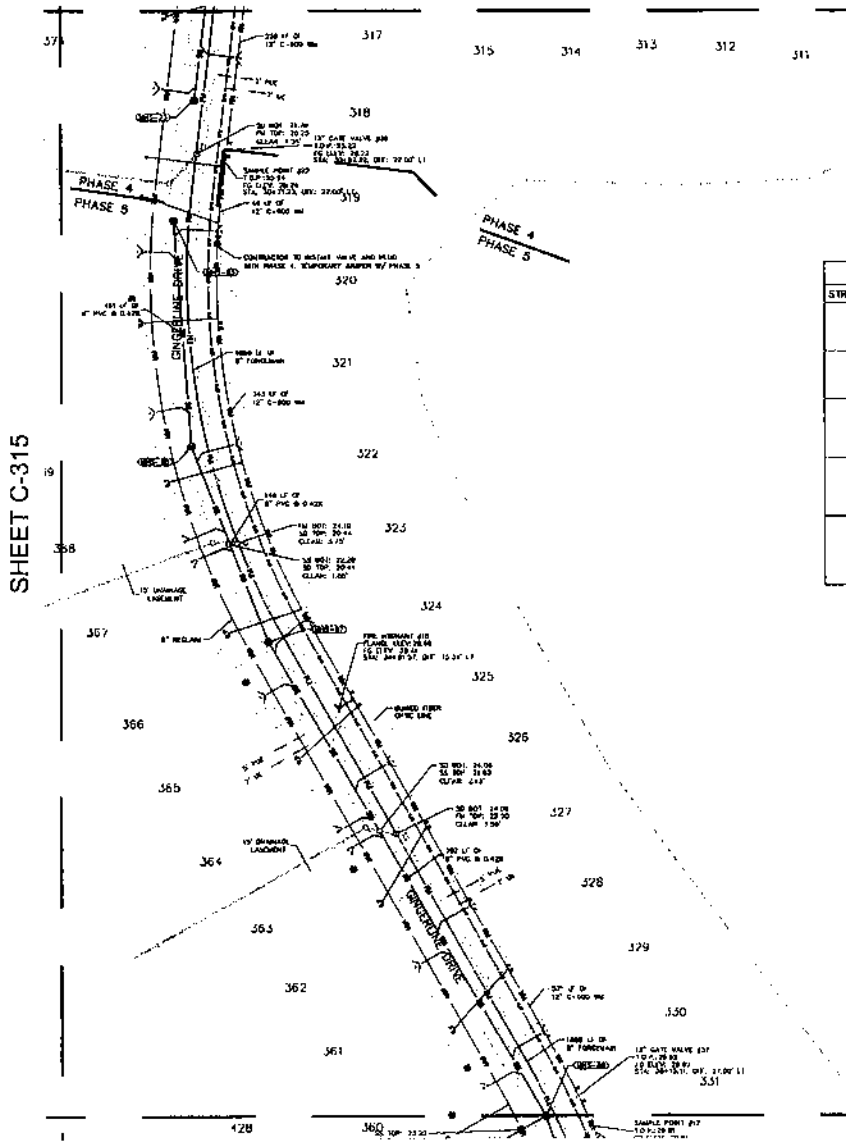
SCALE: AS SHOWN
DESIGNED BY: AAS
DRAWN BY: BFP
CHECKED BY: KHH

DEL WEBB AT TRADITION
PREPARED FOR PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

UTILITY PLAN

SHEET NUMBER
C-313

SHEET C-312



STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
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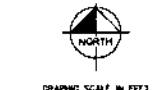
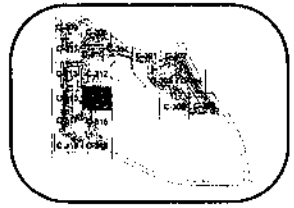
85	MH RIM: 28.10 INV OUT: (S) 23.40 STA: 31+13.24, OFF: 5.00' RT
86	MH RIM: 28.28 INV IN(N) 22.72 INV OUT: (S) 22.62 STA: 32+77.64, OFF: 5.00' RT
87	MH RIM: 28.26 INV IN(N) 22.00 INV OUT: (SE) 21.90 STA: 34+28.08, OFF: 5.00' RT
88	MH RIM: 28.72 INV IN(NW) 20.25 INV IN(SW) 22.34 INV OUT: (S) 20.15 STA: 35+18.01, OFF: 0.00'





KEY MAP

UTILITY LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE WATER SERVICE (1" LINE W/ 3/4" METER UNLESS OTHERWISE NOTED)
- PROPOSED DOUBLE WATER SERVICE (1.5" LINE W/ (2) 3/4" METERS UNLESS OTHERWISE NOTED)
- PROPOSED SINGLE SEWER SERVICE W/ CO
- PROPOSED DOUBLE SEWER SERVICE W/ CO
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SEWER
- SANITARY MANHOLE NUMBER
- PROPOSED WATER CAP
- PROPOSED B.L.
- PROPOSED CROSS
- CONSULT CITY OF FORT ST. LUCIE
- PROPOSED LIGHT POLE

UTILITY NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
4. SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
   8" PVC SEWER PER ASTM D 3034
   8" PVC SCHEDULE 40
5. WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS:
   8" AND LARGER PVC C-900 PER ASTM D 2241
   CLASS 200 UNDER ROADS, OTHERWISE CLASS 150
   SMALLER THAN 8" OTHER COPPER TUBE TYPE "L" (SOFT) PER AWS B19-23 OR PVC SDR 21 PER ASTM D1784 AND D2241
6. NORMAL TRENCH WIDTH SHALL BE 3 FEET.
7. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AS REQUIRED BY THE CITY OF FORT ST. LUCIE.
8. ALL UTILITIES SHOULD BE KEPT TEN (10') APART (PARALLEL) OR AHEAD DROPPING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATER LINES AND FOUNDAMAIN.
10. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY SEWER LINES AND GAS LINES (EXISTING AND PROPOSED) THE SANITARY LINE SHALL BE PVC OR HDPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE, MEETING REQUIREMENTS OF ANSI A21.10 OR NSF 61.11 (AWWA C-151) CLASS 200.
11. ALL UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
12. ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 COMPRESSIVE STRENGTH AT 3000 P.S.I.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF FORT ST. LUCIE) AS REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
14. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE EDS OR CITIES REQUIREMENTS OF CHAPTER 62-555.320 F.A.C.
15. VALVES ARE NOT TO BE PLACED IN CURBS, SIDEWALKS, OR DRIVEWAYS.
16. ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BEGINNING PAVING.
17. CONCRETE FIBER AS SHOWN FOR REFERENCE ONLY. THEY ARE TO BE CONSTRUCTED AND TERMINATED AS PART OF THE BUILDING PERMIT PROCESS.

PSLUSD PROJECT NO.: 512

CITY OF FORT ST. LUCIE PROJECT #
P16 - 120

CALL 48 HOURS BEFORE YOU DIG
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DIAL 811
811

Kimley»Horn

DEVELOPMENT PROFESSIONALS

CIVIL PROJECT: 047857.000
DATE: 07/25/2016
SCALE: AS SHOWN
DESIGN BY: AKS
DRAWN BY: W.P.
CHECKED BY: R.W.
SHEET: 24-1

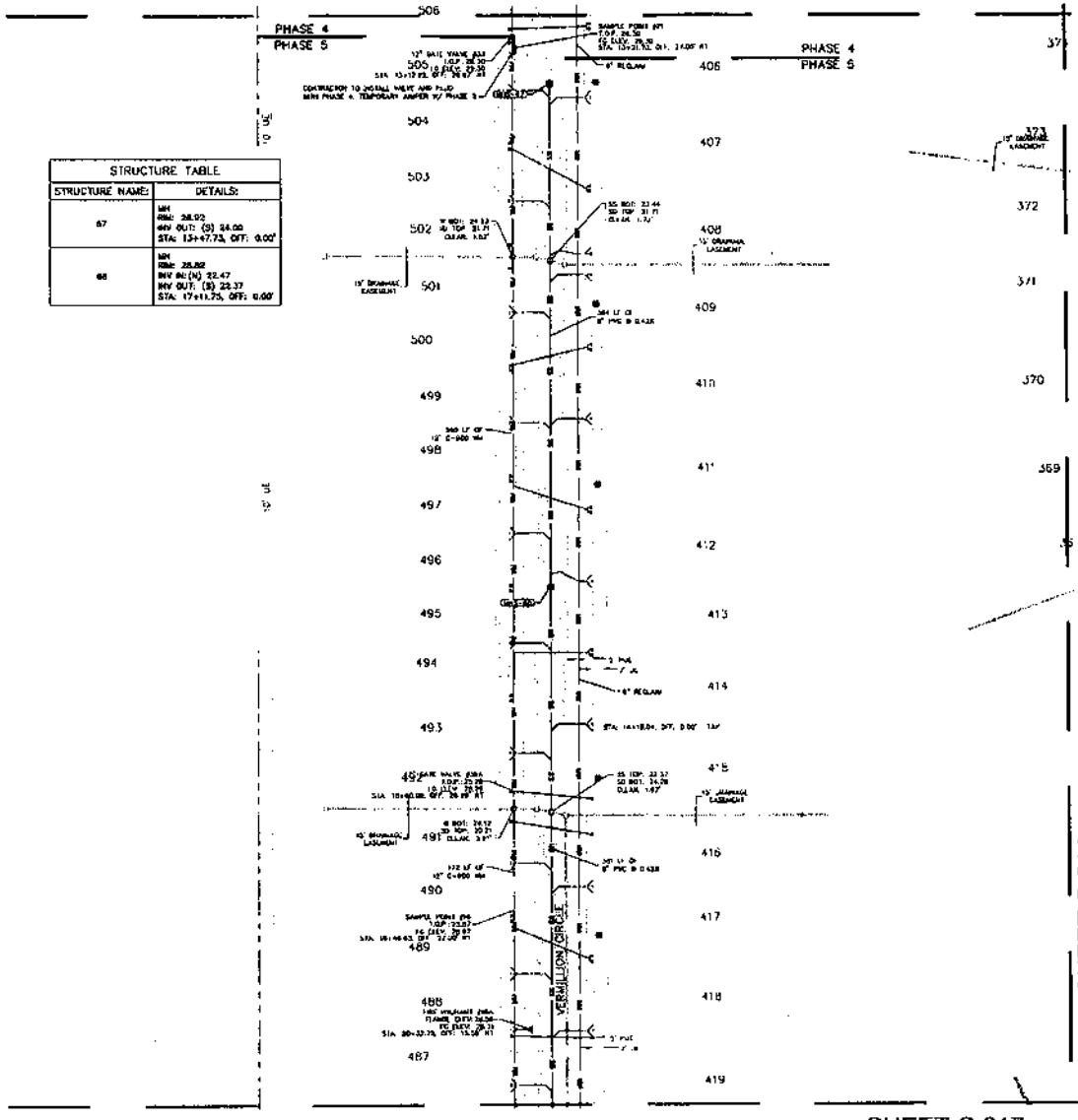
UTILITY PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST. LUCIE

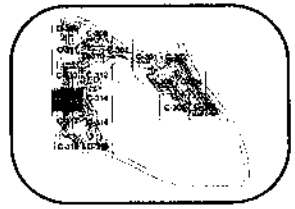
SHEET NUMBER
C-314

SHEET C-313



STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
67	MH RIM: 26.92 INV OUT: (S) 24.00 STA: 13+47.73, OFF: 0.00'
68	MH RIM: 26.92 INV IN: (N) 22.47 INV OUT: (S) 22.37 STA: 17+11.75, OFF: 0.00'

GRAPHIC SCALE IN FEET
0 20 40 60



KEY MAP

UTILITY LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE WATER SERVICE (1" LINE W/ 3/4" METER UNLESS OTHERWISE NOTED)
- PROPOSED DOUBLE WATER SERVICE (1½" LINE W/ (2) 3/4" METERS UNLESS OTHERWISE NOTED)
- PROPOSED SINGLE SEWER SERVICE W/ CO
- PROPOSED DOUBLE SEWER SERVICE W/ CO
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SEWER
- SANITARY MANHOLE NUMBER
- PROPOSED WATER CAP
- PROPOSED TEE
- PROPOSED CROSS
- CO.N.S.L. CITY OF PORT St. LUCIE
- PROPOSED LIGHT POLE

UTILITY NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS HAVE BEEN TAKEN IN FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS 100% EXACT OR COMPLETE. THE CONTRACTOR MUST CALL "SUNSHINE UTILITY COMPANIES" AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST TRACE FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL PIPE MATERIAL IS TO BE IN PLACE AND COMPACTED PRIOR TO INSTALLATION OF PROPOSED PAVING.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTIONS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
4. SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
   8" PVC SDR35 PER ASTM D 3034
   8" PVC SCHEDULE 40
5. WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS:
   8" AND LARGER: PVC C-900 PER ASTM D 2241 CLASS 200 UNLESS HIGHER, OTHERWISE CLASS 150
   SMALLER THAN 8" OTHER COPPER TUBE TYPE "K" (SOFT) PER ASTM B88 22 OR PVC, 200 P.S.I., PER ASTM D1784 AND D2241
6. MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
7. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
8. ALL VALVES SHOULD BE OPEN TON (CT) APART (PARALLEL) OR MAIN CROSSING 18" VERTICAL CLEARANCE (BETWEEN EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATERLINES AND FORCEMAINS.
10. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY SEWER STORM SEWER AND GAS LINES (EXISTING AND PROPOSED) THE SANITARY LINE SHALL BE PVC OR HDPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE (METRIC REQUIREMENTS OF AWS 531.10 OR ANSI 21.11 (AWWA C-184) CLASS 200).
11. UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
12. ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 COMPRESSION STRENGTH AT 3000 P.S.I.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF PORT ST. LUCIE) WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
14. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 F.A.C.
15. VALVES ARE NOT TO BE PLACED IN CURBS, SIDEWALKS, OR DRIVEWAYS.
16. ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BEGINNING PAVING.
17. SANITARY SEWER IS SHOWN FOR REFERENCE ONLY. DRIVEWAYS ARE TO BE CONSTRUCTED AND PERMITTED AS PART OF THE BUILDING PERMIT PROCESS.

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PSL USD PROJECT NO: 512
CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

Kimley»Horn
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445 24TH STREET, S. E. 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA: 00000696

LICENSED PROFESSIONAL
RYAN T. SHAW
STATE LICENSE NUMBER 75945

KHA PROJECT 247397000
DATE 07/23/2015
SCALE AS SHOWN
DESIGNED BY AAS
DRAWN BY J.P.
CHECKED BY RTS

REVISIONS
No. | DATE | BY

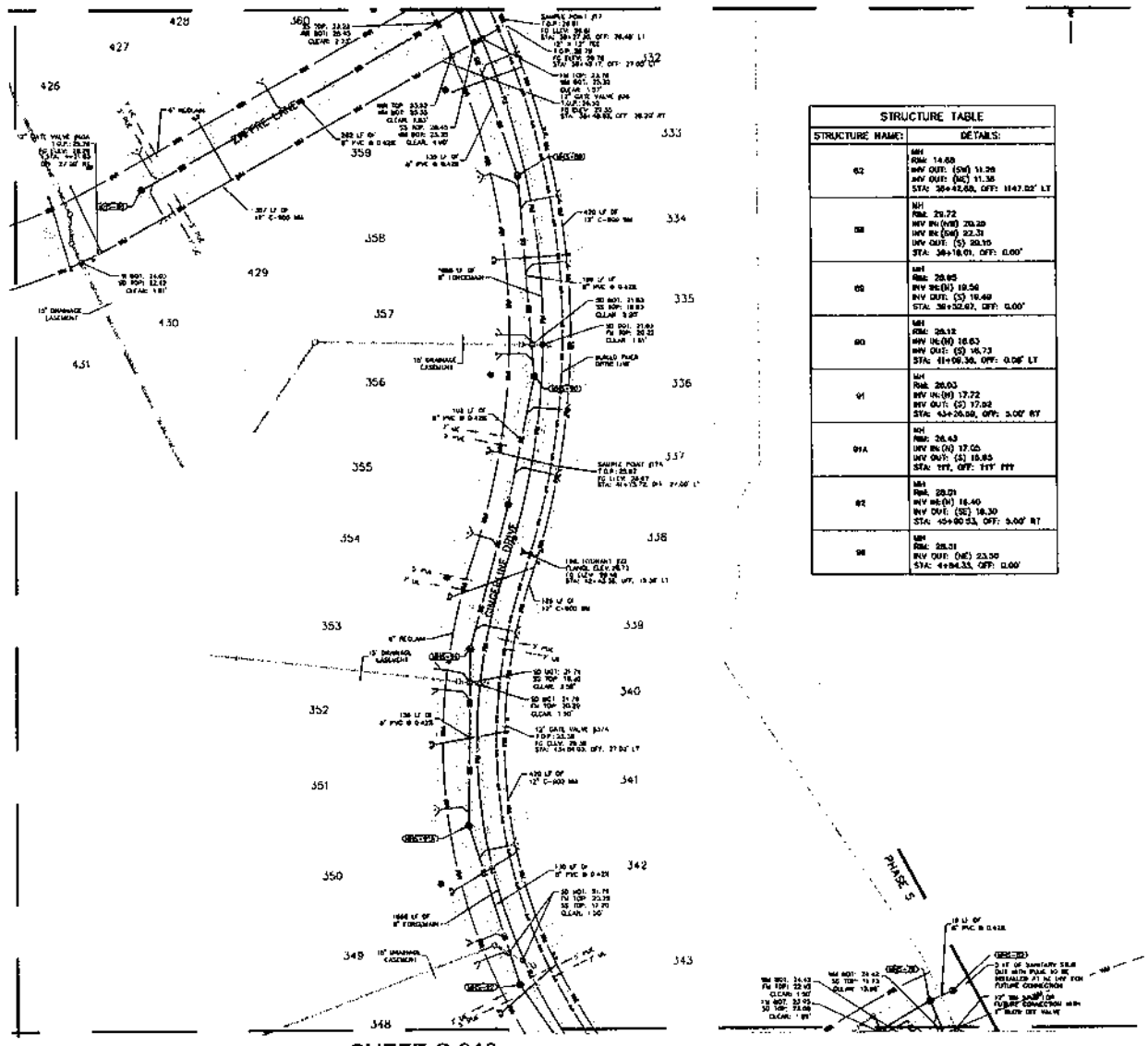
Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

UTILITY PLAN

SHEET NUMBER
C-315

CITY OF PORT ST. LUCIE
FLORIDA

SHEET C-314



STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
62	MH RIM: 14.68 INV OUT: (SW) 11.38 INV OUT: (NE) 11.38 STA: 36+42.68, OFF: 1147.02' LT
88	MH RIM: 21.72 INV IN (NW) 20.20 INV IN (SW) 22.31 INV OUT: (S) 20.10 STA: 38+18.01, OFF: 0.00'
89	MH RIM: 20.85 INV IN:(N) 19.56 INV OUT: (S) 19.49 STA: 39+32.67, OFF: 0.00'
90	MH RIM: 20.12 INV IN:(N) 18.63 INV OUT: (S) 18.73 STA: 41+00.36, OFF: 0.08' LT
91	MH RIM: 20.03 INV IN:(N) 17.72 INV OUT: (S) 17.82 STA: 43+26.00, OFF: 3.00' RT
91A	MH RIM: 20.43 INV IN:(N) 17.05 INV OUT: (S) 16.95 STA: ???, OFF: ??? ???
92	MH RIM: 20.21 INV IN:(N) 16.40 INV OUT: (SE) 16.30 STA: 45+90.53, OFF: 3.00' RT
98	MH RIM: 25.31 INV OUT: (NE) 23.30 STA: 49+84.33, OFF: 0.00'

KEY MAP

UTILITY LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE WATER SERVICE (1" LINE W/ 5/8" METER UNLESS OTHERWISE NOTED)
- PROPOSED DOUBLE WATER SERVICE (1.5" LINE W/ (2) 5/8" METERS UNLESS OTHERWISE NOTED)
- PROPOSED SINGLE SEWER SERVICE W/ CO
- PROPOSED DOUBLE SEWER SERVICE W/ CO
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SLINK
- SANITARY MANHOLE NUMBER
- PROPOSED WATER CAP
- PROPOSED TEE
- PROPOSED BENDS
- CONFIRM CITY OF PORT ST. LUCIE
- PROPOSED LIGHT POLE

UTILITY NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE PHYSICAL MEASUREMENTS TAKEN IN THE FIELD, THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE THE CONNECTION TO VERIFY EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
4. SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS.
   8" PVC SEWER PER ASTM D 3034
   3" PVC SD SCHEDULE 40
5. WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS.
   8" AND LARGER, PVC C-900 PER AWWA C 3141
   CLASS 200 UNDER ROADS, OTHERWISE CLASS 150
   SMALLER THAN 8" EITHER DONNOR PIPE TYPE "L" (NOTE) PER ANSI STD 22 OR PVC, 200 P.S.I., PER ASTM D1784 AND D2241.
6. MINIMUM PAVEMENT WIDTH SHALL BE 8 FEET.
7. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
8. ALL UTILITIES SHOULD BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE)
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATERLINES AND TRANSDUCERS.
10. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY LINES, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE PVC OR HDPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE. MEETING REQUIREMENTS OF ANSI A21.10 OR ANSI 21.11 (AWWA C-111-64) (SLASE 150).
11. SEWER UNDERGROUND SHALL BE HYDRALLY INSPECTED AND ANNOTATED BEFORE BACKFILLING.
12. ALL CONCRETE FOR THRUSTBLOCKS SHALL HAVE A MINIMUM 28 COMPRESSION STRENGTH AT 3000 P.S.I.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF PORT ST. LUCIE) WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
14. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER NO 62-555.320 F.A.C.
15. VALVES ARE NOT TO BE PLACED IN CURBS, SIDEWALKS, OR DRIVEWAYS.
16. ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BEGINNING PAVING.
17. DRIVEWAY APRON IS SHOWN FOR REFERENCE ONLY. DRIVEWAYS ARE TO BE CONSTRUCTED AND PERMITTED AS PART OF THE BUILDING PERMIT PROCESS.

PSL450 PROJECT NO: 512

CITY OF PORT ST LUCIE PROJECT #
P16 - 120

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PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA 00000696

DEVELOPED BY
Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST LUCIE

KHA PROJECT 047997025	DATE 07/15/2016
SCALE AS SHOWN	
DESIGNED BY KHS	
DRAWN BY WJB	
CHECKED BY RTJ	

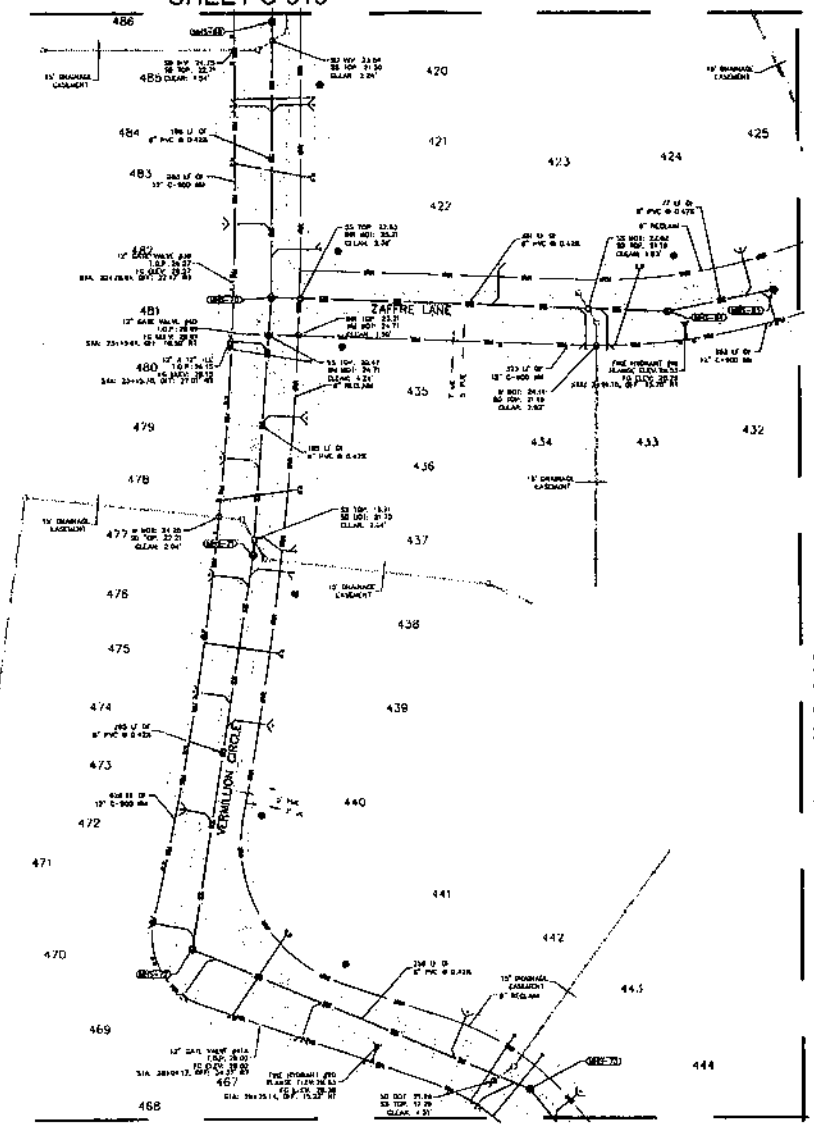
DESIGN PROFESSIONAL:
EVAN T. HUSNIK
P.E. LICENSE NUMBER 75487

UTILITY PLAN

SHEET NUMBER
C-316

REVISIONS	DATE
1	
2	
3	

SHEET C-315



STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
69	MH RIM: 28.07 INV IN:(W) 20.77 INV OUT: (S) 20.67 STA: 20+82.74, OFF: 0.00'
70	MH OUTSIDE DROP RIM: 28.12 INV IN:(W) 19.85 INV IN:(E) 21.80 INV OUT: (S) 19.75 STA: 22+66.40, OFF: 0.00'
71	MH RIM: 28.00 INV IN:(W) 18.97 INV OUT: (S) 18.87 STA: 24+73.83, OFF: 0.00'
72	MH RIM: 29.39 INV IN:(N) 17.86 INV OUT: (SE) 17.96 STA: 27+43.00, OFF: 33.00' RT
73	MH RIM: 28.01 INV IN:(NW) 16.50 INV OUT: (SE) 16.40 STA: 29+97.53, OFF: 3.00' LT
63	MH RIM: 28.23 INV OUT: (W) 23.50 STA: 3+96.53, OFF: 3.00' RT
64	MH RIM: 28.16 INV IN:(E) 23.18 INV OUT: (W) 23.08 STA: 2+80.60, OFF: 5.00' RT

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

KEY MAP

UTILITY LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE WATER SERVICE (1" LINE W/ 3/4" METER UNLESS OTHERWISE NOTED)
- PROPOSED DOUBLE WATER SERVICE (1.5" LINE W/ (2) 3/4" METERS UNLESS OTHERWISE NOTED)
- PROPOSED SINGLE SEWER SERVICE W/ CO
- PROPOSED DOUBLE SEWER SERVICE W/ CO
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SEWER
- SANITARY MANHOLE NUMBER
- PROPOSED BUTTOM CAP
- PROPOSED TEE
- PROPOSED CROSS
- CLEAN OUT OR PORT ST. LUCIE
- PROPOSED LIGHT POLE

UTILITY NOTES:

1. THE CONTRACTOR IS SPECIFICALLY ENJOINED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, VERIFIED TO THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED PRIOR TO INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES FOUR(FOUR) 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
4. SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
   8" PVC SEWER PER ASTM D 3034
   8" PVC SCHEDULE 40
5. WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS:
   8" AND LARGER, PVC C-900 PER ASTM D 2241
   CLASS 200 UNDER ROADS, OTHERWISE CLASS 150
   SMALLER THAN 8" OTHER DIAMETER TYPE TYPE "L" (SOFT) HOT AND PER D 1785 PVC, 200 P.S.I., PER ASTM D1784 AND D2241
6. MINIMUM TRENCH WIDTH SHALL BE 2.50'.
7. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
8. ALL UTILITIES SHALL BE KEPT TEN (10') FEET (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATER LINES AND FORCEMAINS.
10. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY LINES, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE PVC OR HDPE, WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE, MEETING REQUIREMENTS OF AWWA A21.10 OR AWWA 21.11 (AWWA C-151) (CLASS 50).
11. AIR UNDERGROUND SHALL BE INSTALLED INSPECTED AND APPROVED BEFORE BACKFILLING.
12. ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 COMPRESSIVE STRENGTH AT 3000 P.S.I.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF PORT ST. LUCIE) WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
14. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 F.A.C.
15. VALVES ARE NOT TO BE PLACED IN CURBS, SIDEWALKS, OR DRIVEWAYS.
16. ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BEGINNING PAVING.
17. DRIVEWAY APRON IS SHOWN FOR REFERENCE ONLY. DRIVEWAYS ARE TO BE CONSTRUCTED AND PERMITTED AS PART OF THE BUILDING PERMIT PROCESS.

*SLUSO PROJECT NO.: 512

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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445 A.W. STREET, S.T. 120, VERO BEACH, FL 32961
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA 00003896

REVISIONS		
NO.		DATE

CONTACT: KYLE SERGA
EMAIL: KYLE.SERGA@KIMLEY-HORN.COM
V.V.V. VALUE NUMBER 75.45'

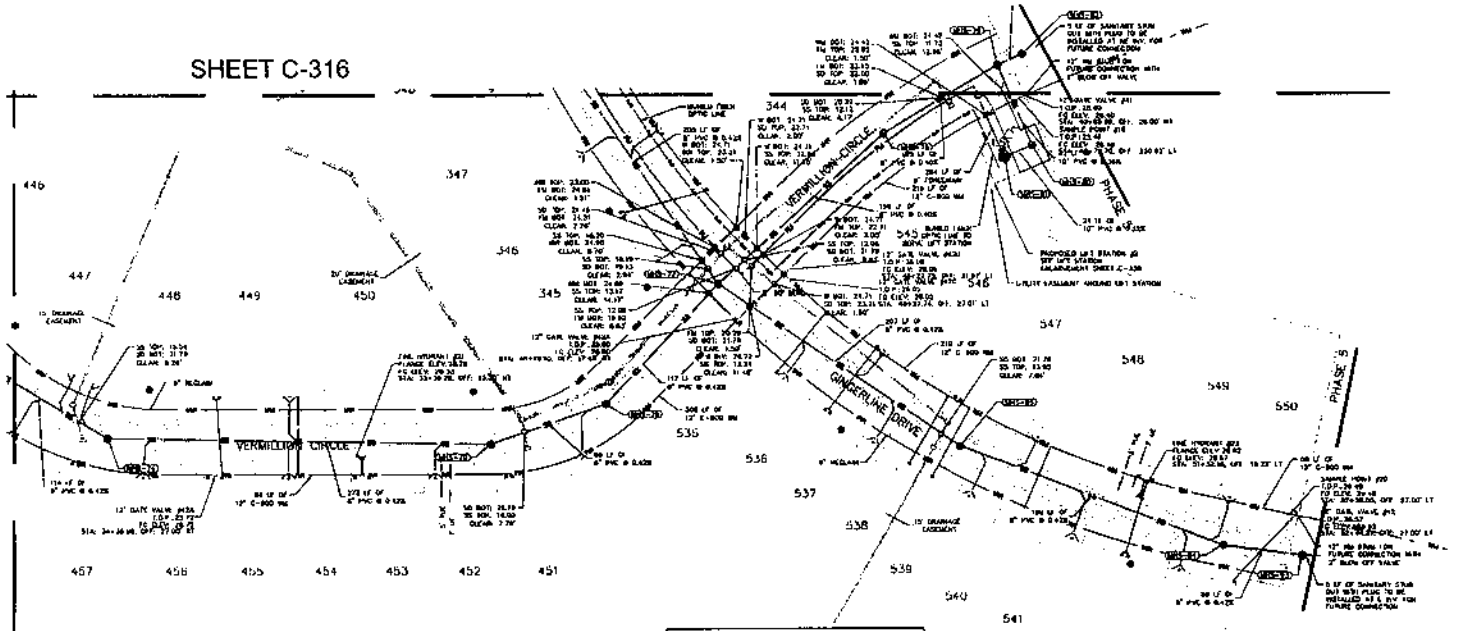
JOB NO. 0478970.00	DATE 07-15-2016
SCALE AS SHOWN	
DESIGNED BY AKS	
DRAWN BY U.J.	
CHECKED BY K.T.S.	

UTILITY PLAN

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-317

SHEET C-316



SHEET C-319

STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
74	MH RIM: 26.02 INV IN:(NW) 14.74 INV OUT: (S) 14.64 STA: 33+51.11, OFF: 5.00' RT
75	MH RIM: 28.02 INV IN:(W) 13.51 INV OUT: (E) 13.41 STA: 36+32.40, OFF: 5.00' RT
76	MH RIM: 28.28 INV IN:(W) 13.08 INV OUT: (NE) 12.98 STA: 37+18.80, OFF: 5.00' RT
77	MH OUTSIDE DROP RIM: 26.04 INV IN:(SW) 12.47 INV IN:(NW) 18.44 INV IN:(SE) 12.47 INV OUT: (NE) 12.37 STA: 47+93.35, OFF: 10.00' RT
78	MH RIM: 28.28 INV IN:(SW) 11.73 INV OUT: (NE) 11.63 STA: 38+91.80, OFF: 0.00'
80	MH RIM: 29.00 INV IN:(NW) 10.95 INV OUT: (W) 10.85 STA: 40+63.90, OFF: 83.08' RT
81	LIFT STATION RIM: 14.47 INV IN:(E) 10.78 STA: 40+66.92, OFF: 80.17' RT
83	MH RIM: 15.79 INV IN:(E) 14.70 INV OUT: (W) 14.60 STA: 24+36.11, OFF: 2014.01' LT

STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
84	MH RIM: 28.98 INV IN:(E) 14.37 INV OUT: (W) 14.27 STA: 24+86.27, OFF: 5.00' RT
93	MH RIM: 28.06 INV IN:(E) 13.43 INV OUT: (NW) 13.33 STA: 46+98.21, OFF: 0.00'

KEY MAP

UTILITY LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE WATER SERVICE (1" LINE W/ 5/8" METER UNLESS OTHERWISE NOTED)
- PROPOSED DOUBLE WATER SERVICE (1.5" LINE W/ (2) 5/8" METERS UNLESS OTHERWISE NOTED)
- PROPOSED SINGLE SEWER SERVICE W/ CO
- PROPOSED DOUBLE SEWER SERVICE W/ CO
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SEWER
- SANITARY MANHOLE NUMBER
- PROPOSED WATER GAP
- PROPOSED TEE
- PROPOSED CROSS
- C.O.P.S.L. CITY OF PORT ST. LUCIE
- PROPOSED LIGHT POLE

GENERAL NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS MORE EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO INQUIRE EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
4. SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
   8" PVC SDR26 PER ASTM D 3034
   8" PVC SCHEDULE 40
5. WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS:
   8" AND LARGER, PVC C-900 PER ASTM D 2241, CLASS 200 UNDER ROADS, OTHERWISE CLASS 150
   SMALLER THAN 8" OTHER COPPER TUBE TYPE "K" (SIZE 1") PER ANSI B16.22 OR PVC, 200 PSI, PER NSF 61 OR ASTM AND CPCNY
6. MINIMUM PERIOD WATER SHALL BE 2 (1).
7. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
8. ALL UTILITIES SHALL BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTWARD CODE OF PIPE TO OUTSIDE CODE OF PIPE).
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATERMAIN AND FORCEMAINS.
10. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY LINES, STORM LINES AND GAS LINES (CULVERT AND PROPOSED) THE SANITARY LINE SHALL BE PVC OR HDPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE, MEETING REQUIREMENTS OF ANSI A21.10 OR ANSI 21.11 (AWWA C-151) CLASS 350.
11. ALL UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
12. ALL CONCRETE FOR EASEMENTS SHALL HAVE A MINIMUM 28 COMPRESSION STRENGTH AT 3000 P.S.I.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF PORT ST. LUCIE) WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
14. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLIFORM COUNT REQUIREMENTS OF CHAPTER 62-555.330 F.A.C.
15. VALVES ARE NOT TO BE PLACED IN CURBS, SIDEWALKS, OR DRIVEWAYS.
16. ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BEGINNING PAVING.
17. DRIVEWAY APRON IS SHOWN FOR REFERENCE ONLY. DRIVEWAYS WILL BE COORDINATED AND PERMITTED AS PART OF THE BUILDING PERMIT PROCESS.

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811 Know what's below. Call before you dig.
FLORIDA UTILITY LINE CALL OF FLORIDA, INC.

HSLUSD PROJECT NO.: 912
CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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4660 GARDEN VILLAGE BLVD., SUITE 100, LAKE WORTH, FL 33467
PH: (561) 845-0665 FAX: (561) 642-9550
WWW.KIMLEY-HORN.COM CA: 00000696

NO.	REVISIONS	DATE

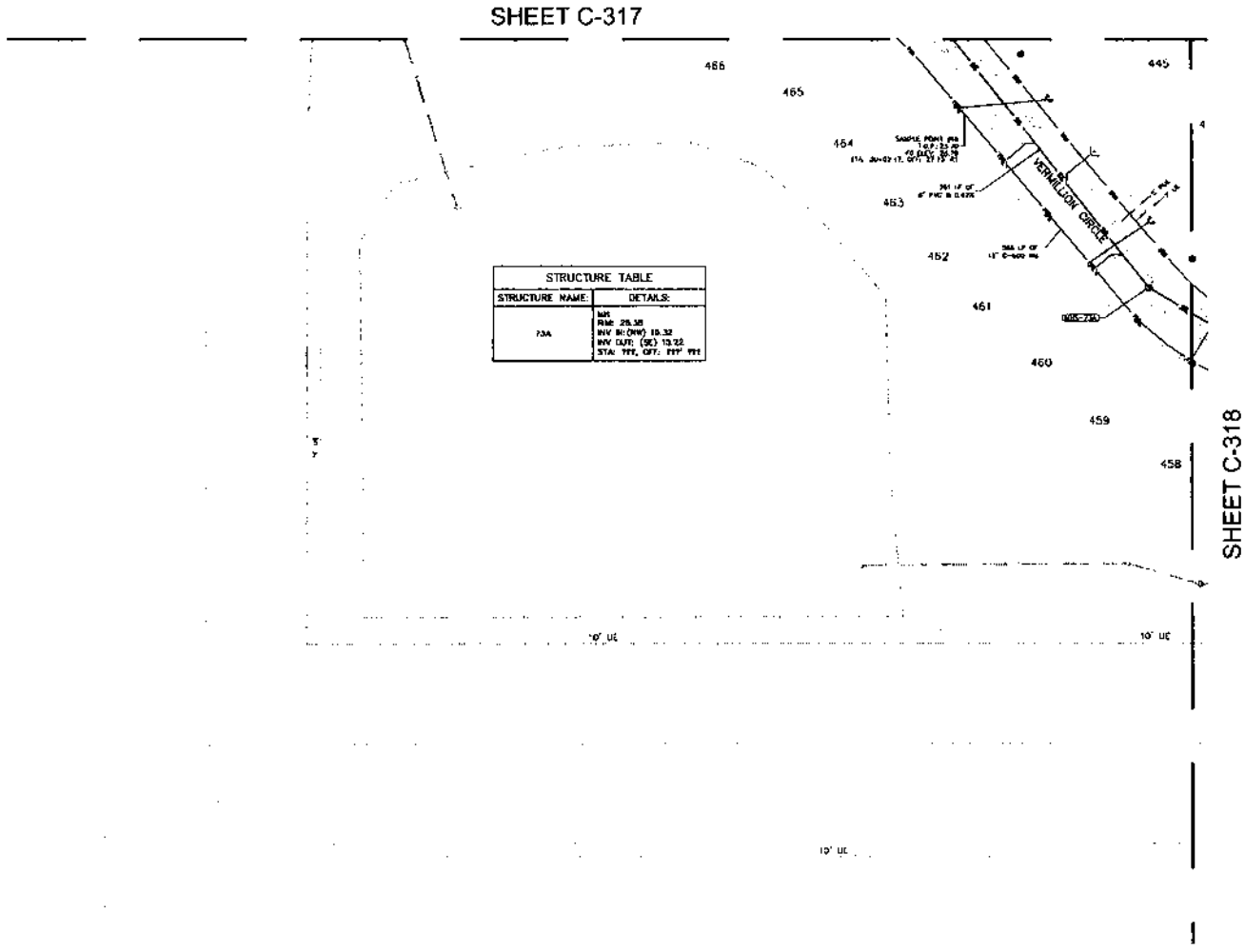
KHA PROJECT 069182000	
DATE	03/25/2010
SCALE AS SHOWN	
DESIGNED BY	AJS
DRAWN BY	VLC
CHECKED BY	KTS

KHA PROJECT 069182000
DATE 03/25/2010
SCALE AS SHOWN
DESIGNED BY AJS
DRAWN BY VLC
CHECKED BY KTS

UTILITY PLAN

DelWebb
AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

SHEET NUMBER
C-318



STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
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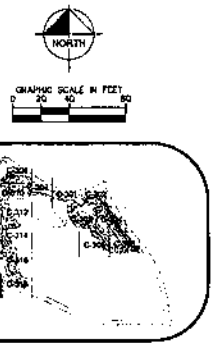

KEY MAP

UTILITY LEGEND

- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- PROPOSED FIRE HYDRANT
- PROPOSED SINGLE WATER SERVICE (1" LINE W/ 5/8" METER UNLESS OTHERWISE NOTED)
- PROPOSED DOUBLE WATER SERVICE (1-1/2" LINE W/ (2) 5/8" METERS UNLESS OTHERWISE NOTED)
- PROPOSED SINGLE SEWER SERVICE W/ CO
- PROPOSED DOUBLE SEWER SERVICE W/ CO
- PROPOSED SANITARY MANHOLE
- PROPOSED SANITARY SEWER
- SANITARY MANHOLE NUMBER
- PROPOSED WATER CAP
- PROPOSED 3.L.
- PROPOSED SIGNS
- D.O.P.S.L. CITY OF PORT ST. LUCIE
- PROPOSED UNIT POLL

UTILITY NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS being EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL UNDERGROUND UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
2. ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
4. SANITARY SEWER PIPE SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS:
   - 8" PVC SEWER PER ASTM D 3034
   - 8" PVC SCHEDULE 40
5. WATER LINES SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON PLANS:
   - 1" AND LARGER, PVC C-900 PER ASTM D 2241 CLASS 200 UNDER ROADS, OTHERWISE CLASS 150
   - SMALLER THAN 1" OTHER DOPPER TUBE TYPE "L" (SOFT) HOT WATER BTB 30 OR PVC 200 P.S.I., PER ASTM D1784 AND D2241.
6. MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
7. ALL WATER MAINS ARE TO BE MECHANICAL JOINTS AS REQUIRED BY THE CITY OF PORT ST. LUCIE.
8. ALL UTILITIES SHOULD BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
9. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" COVER ON ALL WATERMAINS AND TRANSMAINS.
10. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER MAINS, SANITARY LINES, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE THE ON HOPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING. THE WATER LINE SHALL HAVE MECHANICAL JOINTS AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE MEETING REQUIREMENTS OF AWWA 601 10 OR AWWA 3411 (AWWA C-151) (CLASS 50).
11. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
12. ALL CONCRETE FOR ENCLOSEMENTS SHALL HAVE A MINIMUM 28 COMPRESSION STRENGTH AT 3000 P.S.I.
13. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES (CITY OF PORT ST. LUCIE) WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
14. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320 F.A.C.
15. VALVES ARE NOT TO BE PLACED IN CURBS, SIDEWALKS, OR DRIVEWAYS.
16. ALL MANHOLES SHALL BE ADJUSTED TO FINAL GRADE PRIOR TO BEGINNING PAVING.
17. DRIVEWAY APRON IS SHOWN FOR REFERENCE ONLY. DRIVEWAYS ARE TO BE CONSTRUCTED AND PERMITTED AS PART OF THE BUILDING PERMIT PROCESS.

PSLUSD PROJECT NO: 312

CITY OF PORT ST. LUCIE PROJECT #

P16 - 120

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811 Know what's below. Call before you dig.

Sunshine State One Call of Florida, Inc.

Kimley»Horn

KHA PROJECT	014-193720
DATE	07-25-2016
SCALE	AS SHOWN
DESIGNED BY	AAS
DRAWN BY	W.P.
CHECKED BY	KCH

ISSUE PROFESSIONAL

A. NAT. H. GAY

STATE OF FLORIDA NO. 75487

DATE

UTILITY PLAN

DelWebb

AT TRADITION

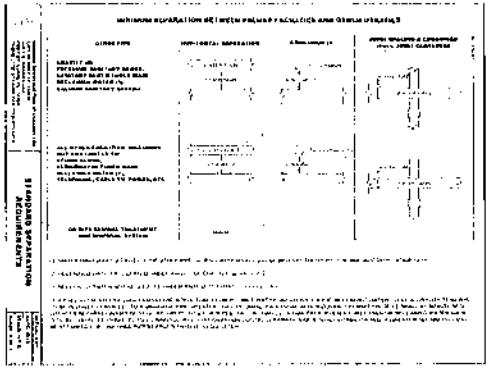
PREPARED FOR

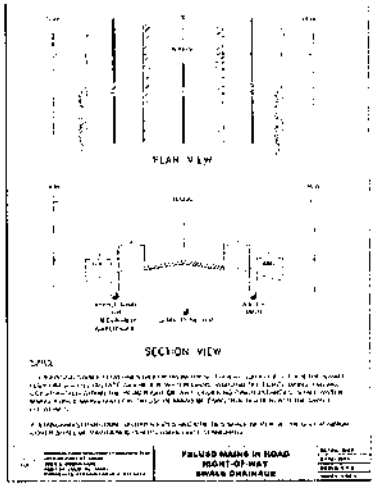
PULTE GROUP

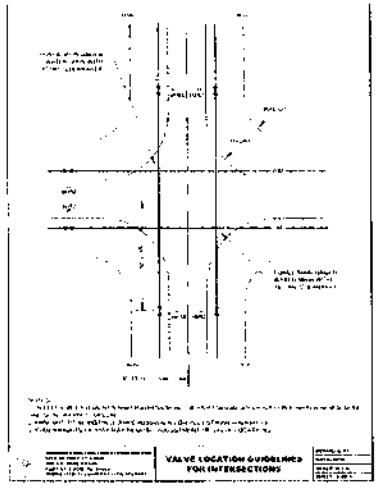
CITY OF PORT ST. LUCIE FLORIDA

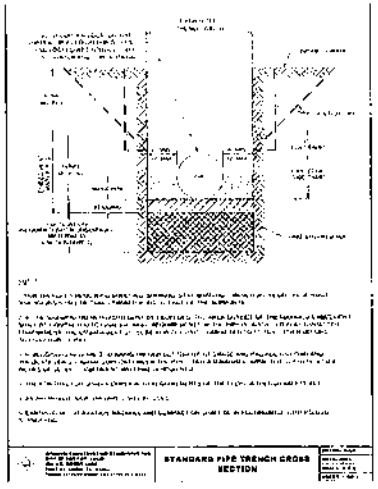
SHEET NUMBER

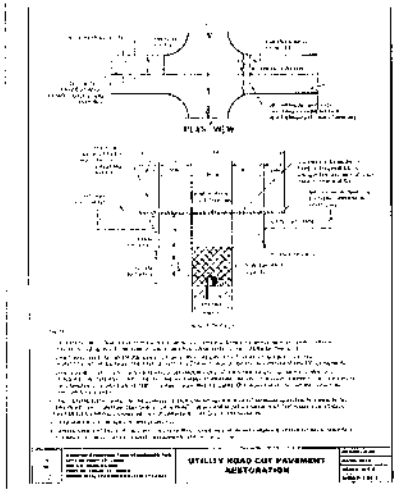
C-319

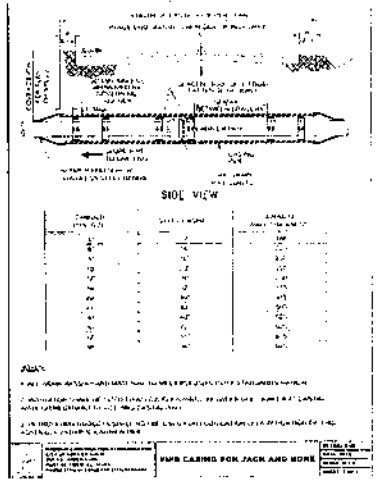


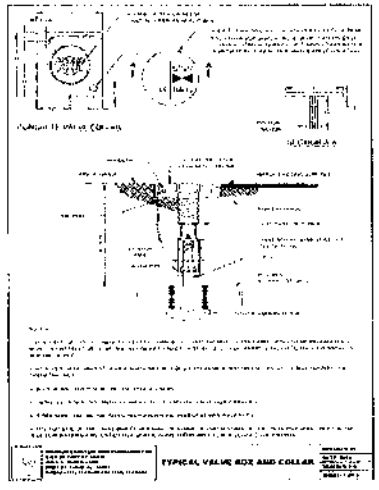


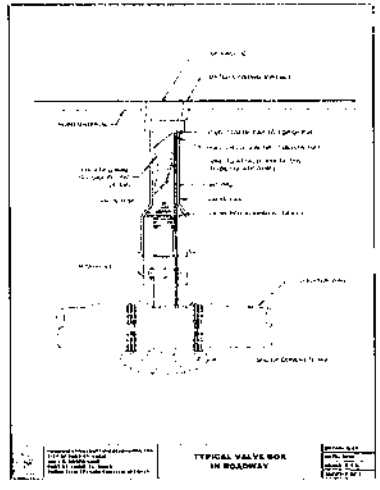












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UTILITY DETAILS

Del Webb
AT TRADITION
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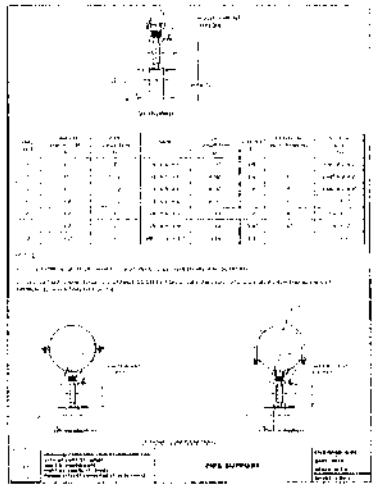
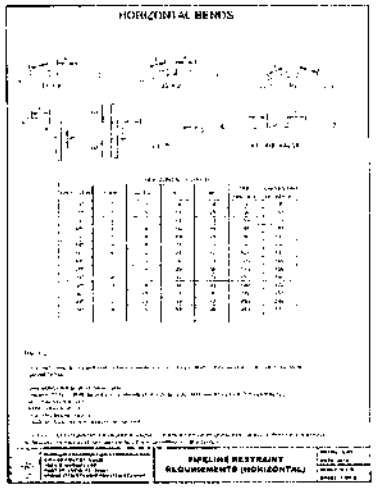
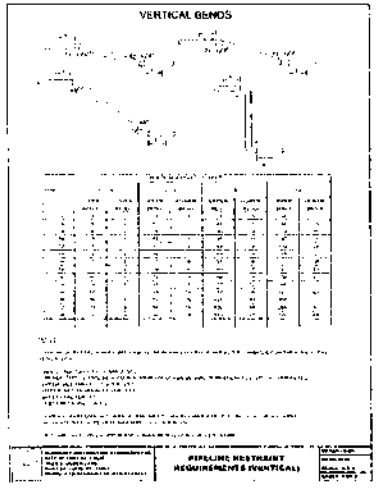
PULTE GROUP

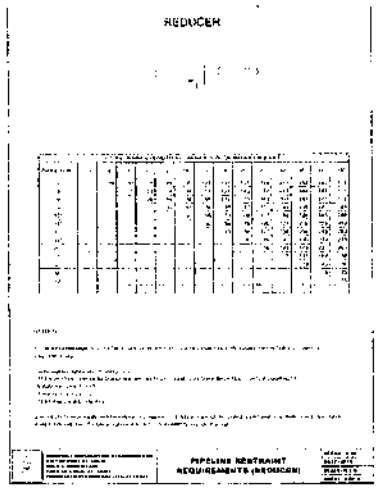
C-320

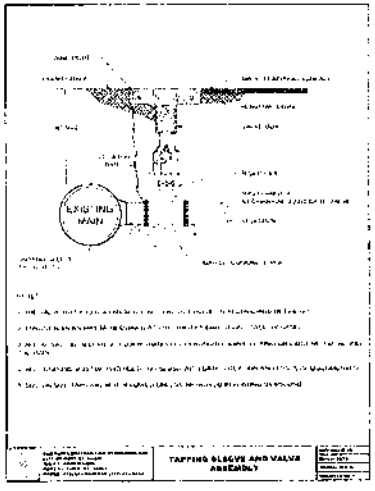
P16 - 120

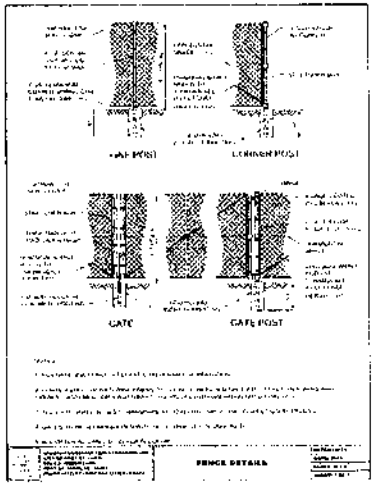


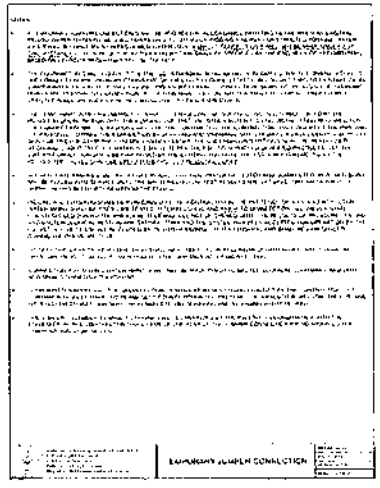












P16 - 120

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UTILITY DETAILS

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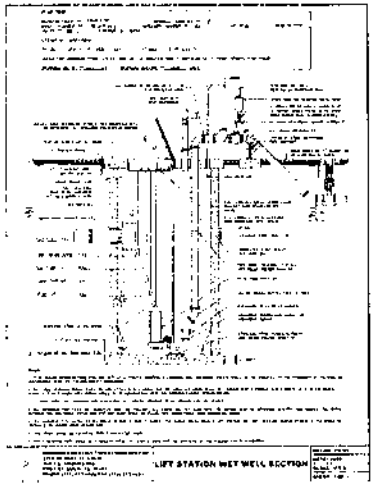
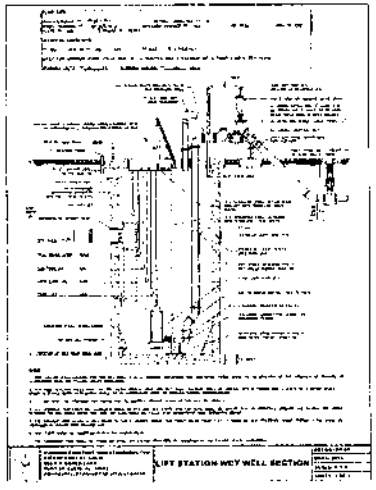
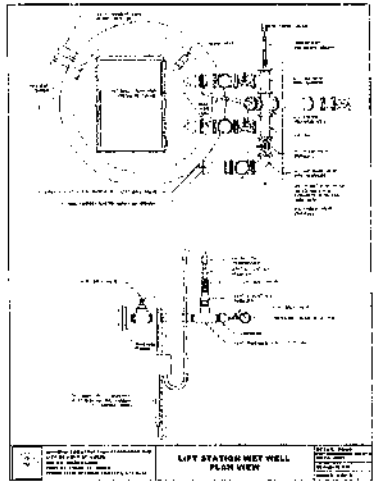
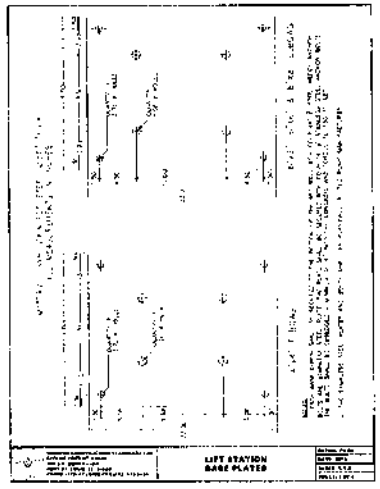
CITY OF PORT ST. LUCIE FLORIDA

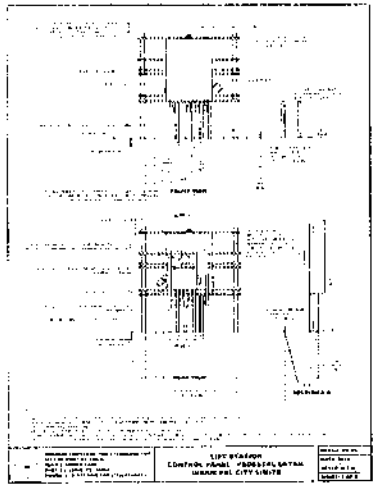
C-321

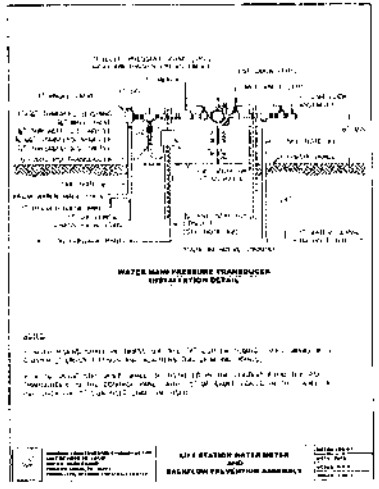


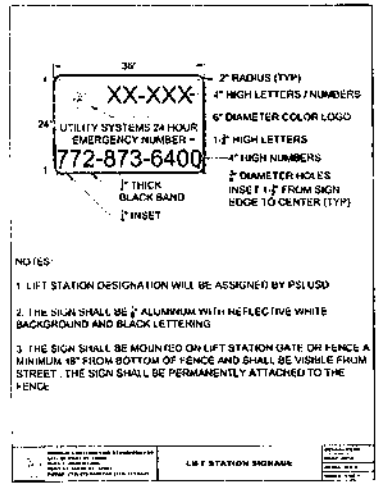












P16 - 120

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UTILITY DETAILS

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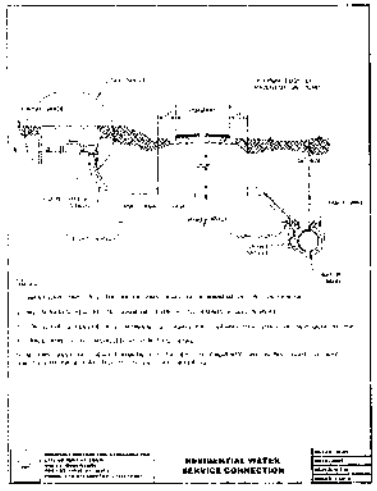
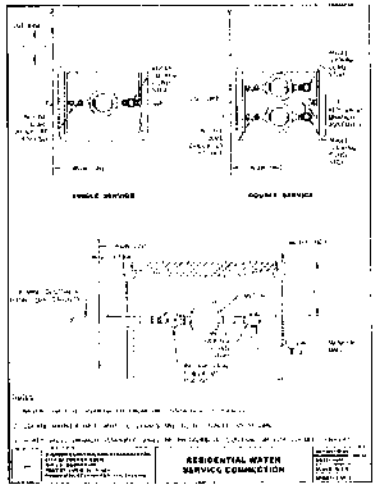
PULTE GROUP

C-322



RESIDENTIAL WATER SERVICE CONNECTION



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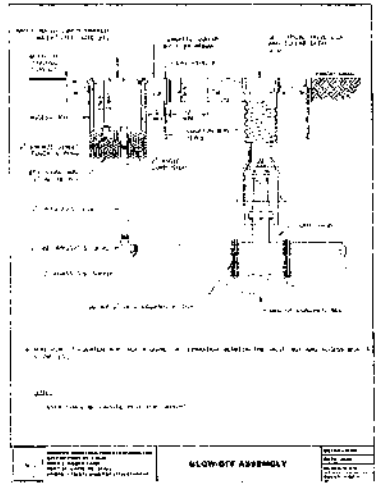
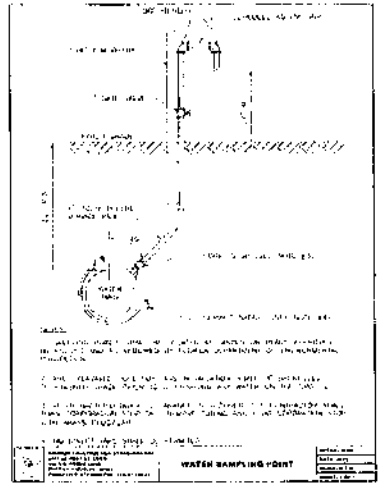
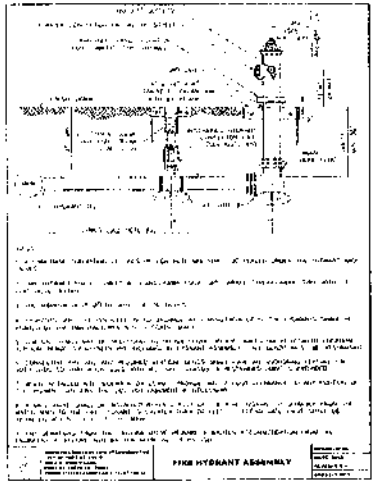


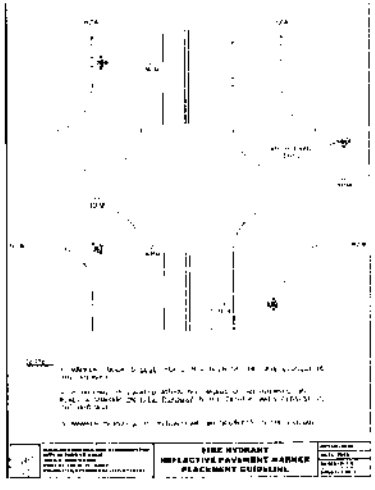
BLOW-OFF ASSEMBLY



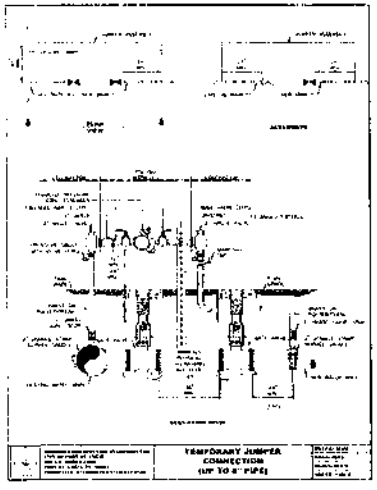
WATER SAMPLING POINT



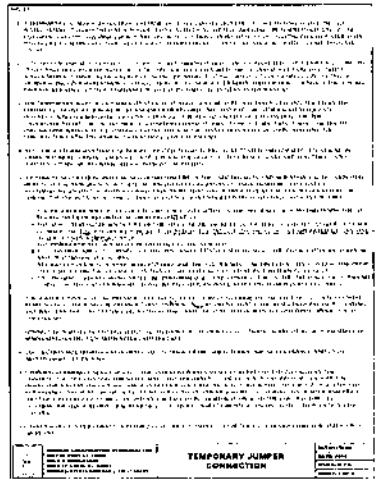
FIRE HYDRANT ASSEMBLY



FIRE HYDRANT REFLECTIVE PAVEMENT MARKER PLACEMENT GUIDELINE



TEMPORARY JUMPER CONNECTION (UP TO 8" PIPE)



TEMPORARY JUMPER CONNECTION

CITY OF FORT ST. LUCIE PROJECT #
P16 - 120

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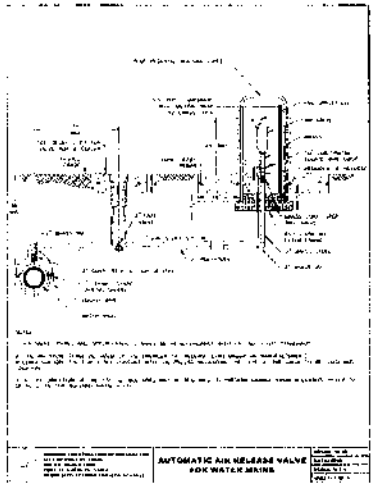
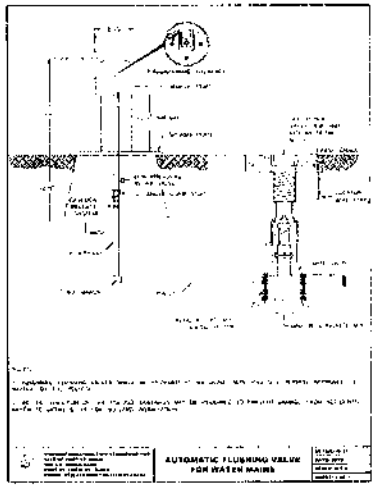
CITY OF FORT ST. LUCIE, FLORIDA

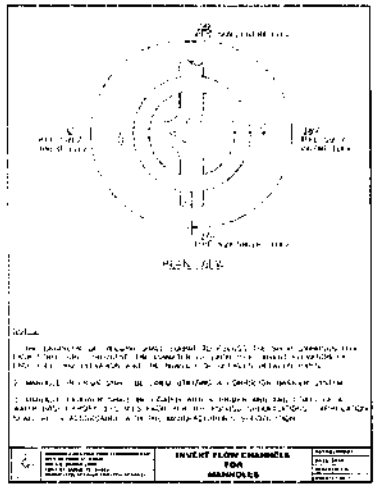
C-323



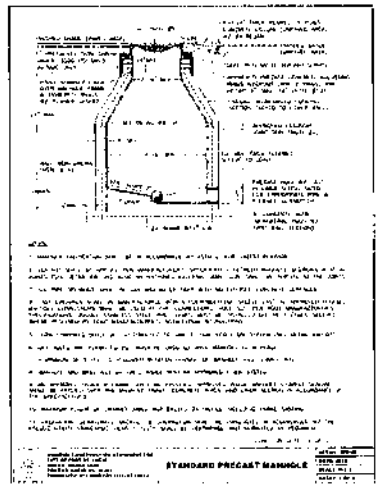
AUTOMATIC AIR RELEASE VALVE FOR WATER MAINS



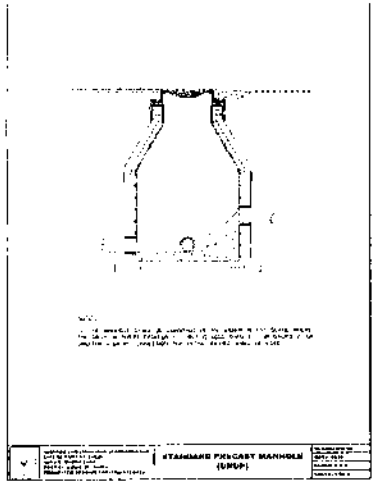
AUTOMATIC FLUSHING VALVE FOR WATER MAINS



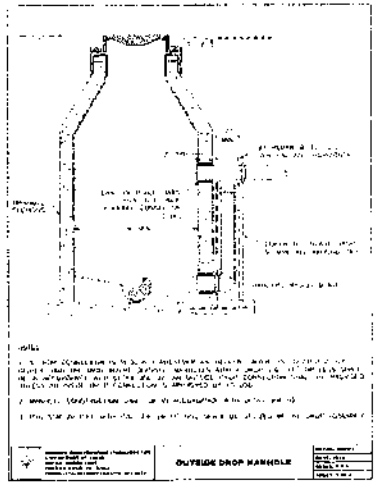
INVERT FLOW CHANNELS FOR MANHOLES



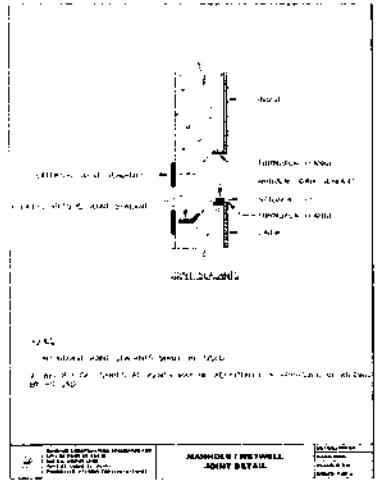
STANDARD PRECAST MANHOLE



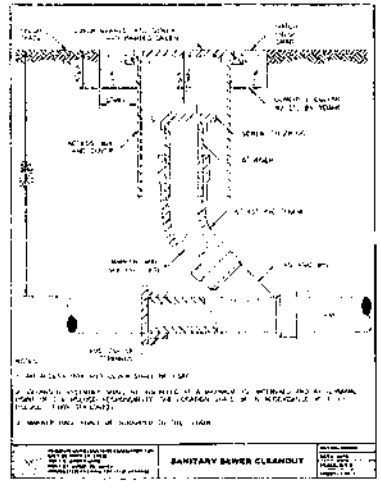
STANDARD PRECAST MANHOLE (UMUP)



OUTSIDE DROP MANHOLE



MANHOLE / WETWELL JOINT DETAIL



SANITARY SEWER CLEANOUT

CITY OF PONTE VEDRA PROJECT # P16 - 120

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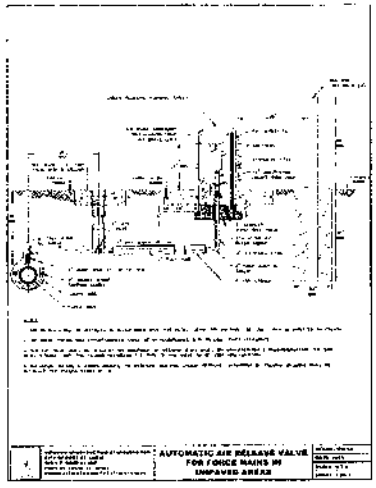
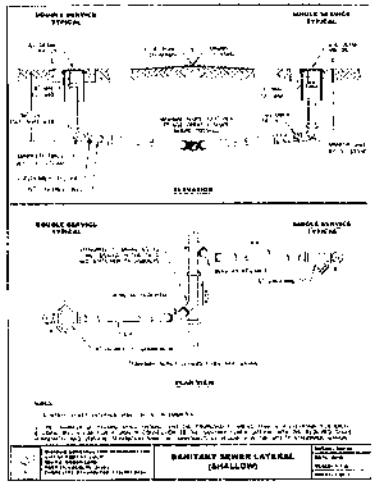
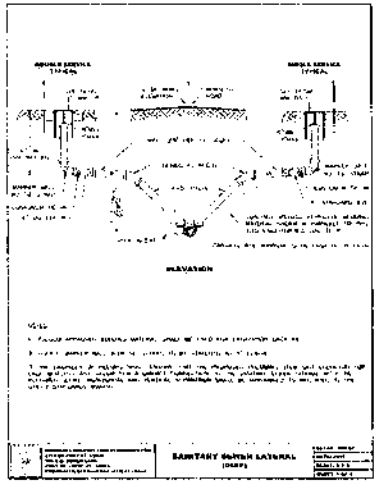
UTILITY DETAILS

Del Webb AT TRADITION PREPARED FOR PULTE GROUP

C-324







CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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UTILITY DETAILS

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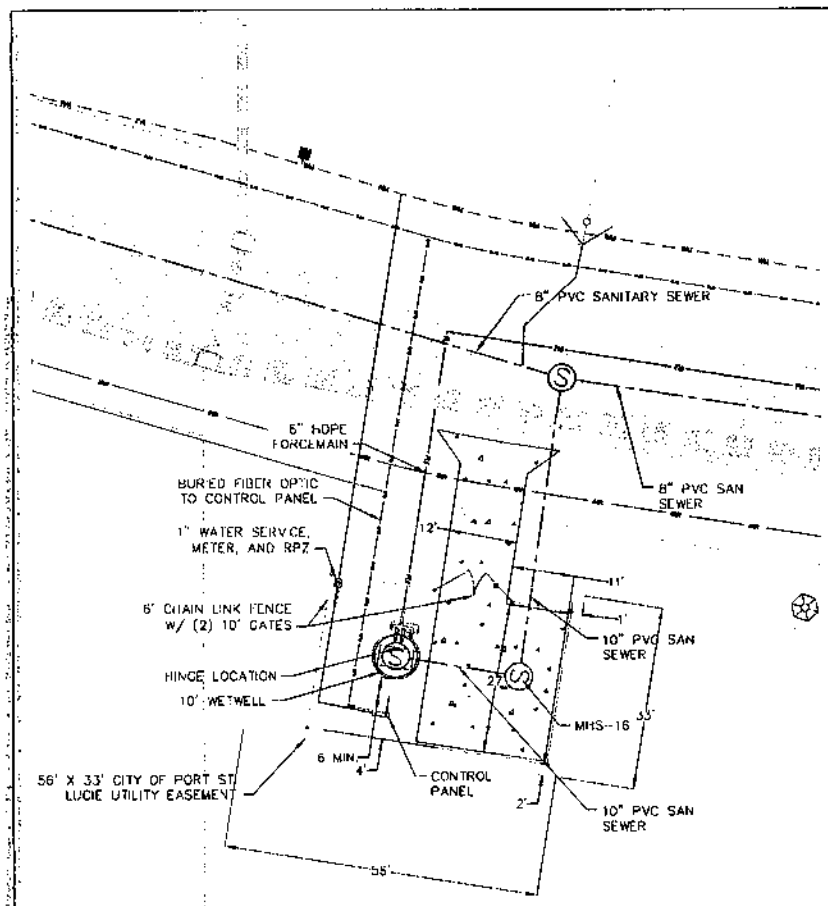
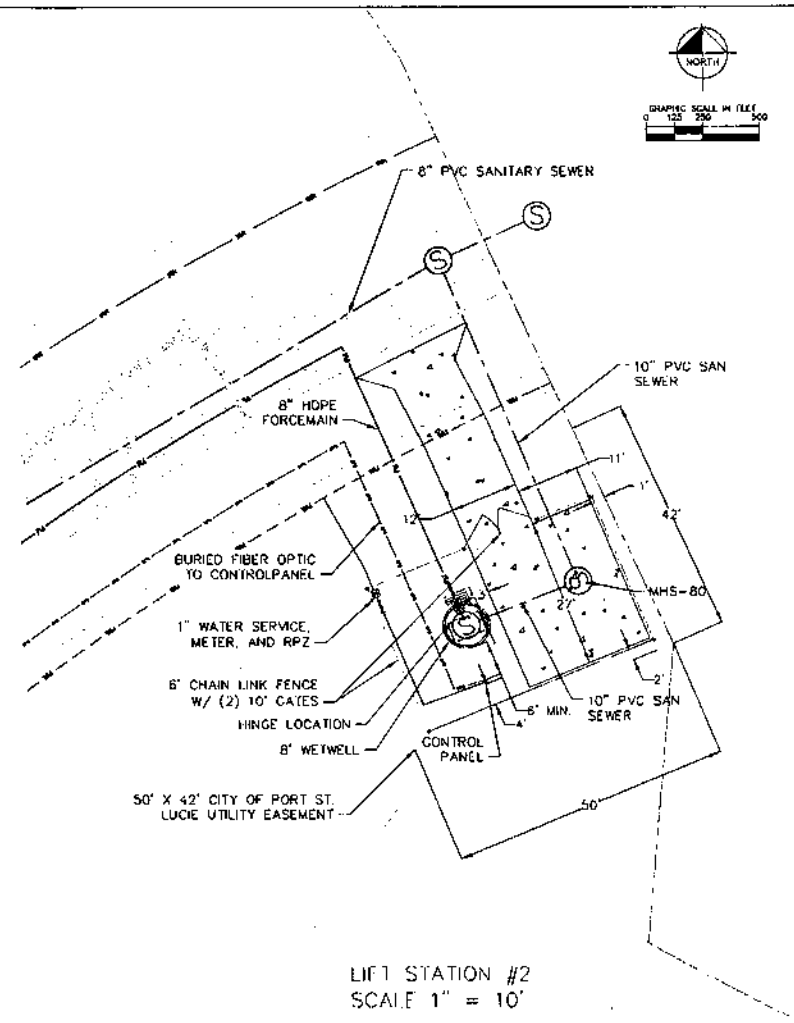
PULTE GROUP

CITY OF PORT ST. LUCIE

C-325



LIFT STATION #1
SCALE 1" = 10'



LIFT STATION #2
SCALE 1" = 10'

NOTES:

1. ACCESS DRIVE – 6" THICK, 12' WIDE CONCRETE 4000 PSI W/ FIBER MESH AND COMPACTED SUBGRADE TO 98% EXTENDED 6" BEYOND ALL EDGES
2. ALL AREAS INSIDE FENCE THAT ARE NOT COVERED BY CONCRETE, STRUCTURES, AND EQUIPMENT SHALL HAVE #57 STONE. THE STONE SHALL BE PLACED OVER 2-PLY 4 MIL VISQUEEN, A MINIMUM OF 6" BUT NO MORE THAN 8" DEEP.
3. A 12' X 48' AREA SHALL BE PROVIDED WITHIN 10' OF THE WET WELL FOR VACUUM TRUCK ACCESS.

CITY OF PORT ST. LUCIE PROJECT # P16 - 120

CALL 48 HOURS BEFORE YOU DIG
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811 Know what's below. Call before you dig.

No.	REVISIONS	DATE

Kimley»Horn
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410 24th STREET, S.E. T 200, ABS BLDG
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA 00000696

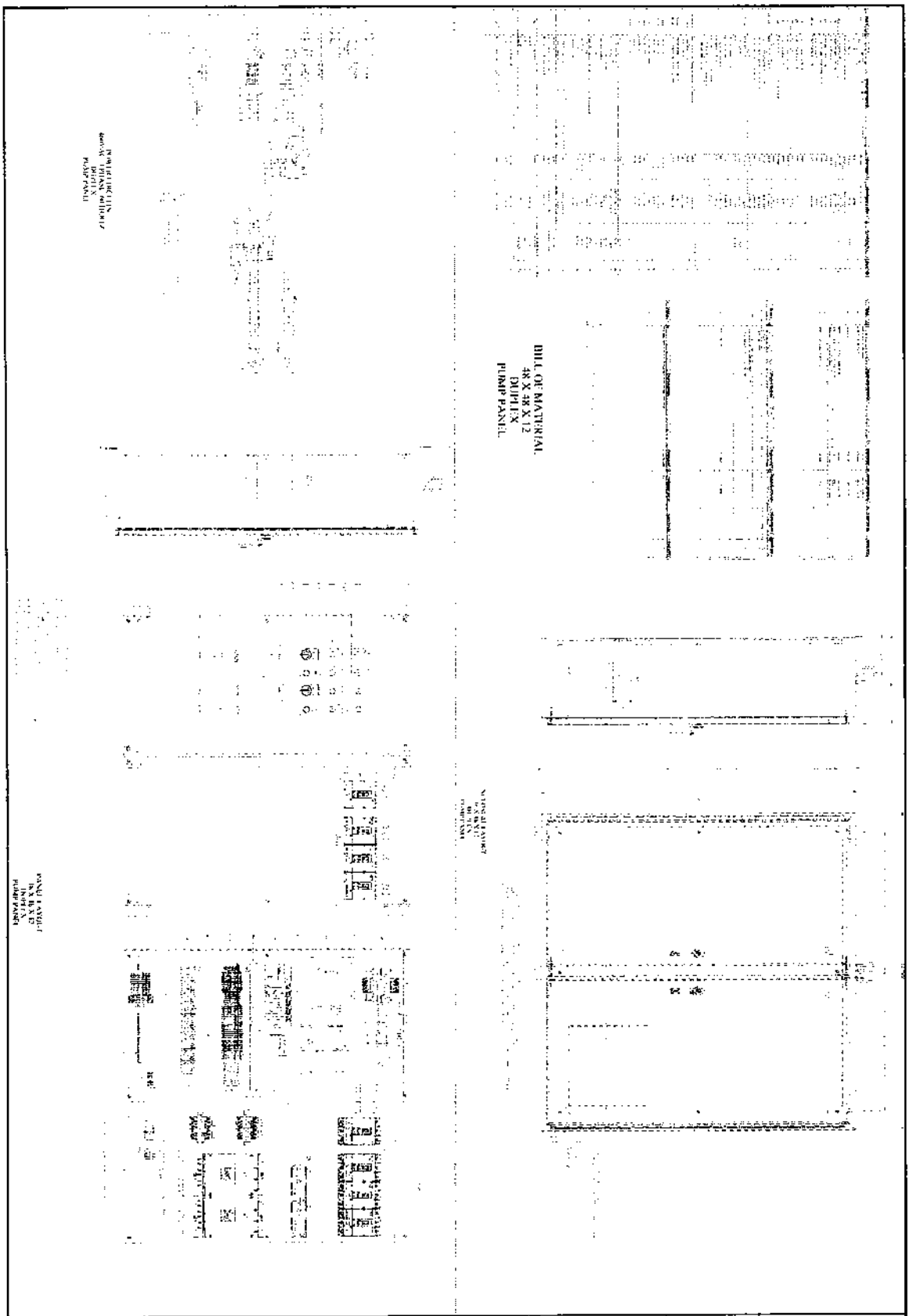
PHASE: PRELIMINARY
PLAN / PLAT
FILE LOCATION: /SAE
PHA PROJECT: 047861020
DATE: 07/15/2016
SCALE: AS SHOWN
DRAWN BY: AAS
DESIGN BY: MJS
CHECKED BY: RTM

LIFT STATION ENLARGEMENTS

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP
FLORIDA

CITY OF PORT ST. LUCIE

SHEET NUMBER
C-330



DETAIL: PS-12	
DATE: 2015	
SCALE: N.T.S.	
SHEET: 2 OF 2	

SOFT START WITH FIBER

CITY OF PORT ST. LUCIE
UTILITY SYSTEMS DEPARTMENT
900 S.E. OGDEN LANE
PORT ST. LUCIE, FL 34983
PHONE (772) 873-6400 FAX (772) 873-6433

CITY OF PORT ST. LUCIE PROJECT # P16 - 120

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SHEET NUMBER C-331

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AT TRADITION
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PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

LIFT STATION DETAILS

KHA PROJECT	047897020
DATE	07/15/2016
SCALE	AS SHOWN
DESIGNED BY	AAS
DRAWN BY	MJP
CHECKED BY	KFH

LICENSED PROFESSIONAL
KIRAN F. HUSANY
STATE LICENSE NUMBER 75481
DATE

Kimley»Horn

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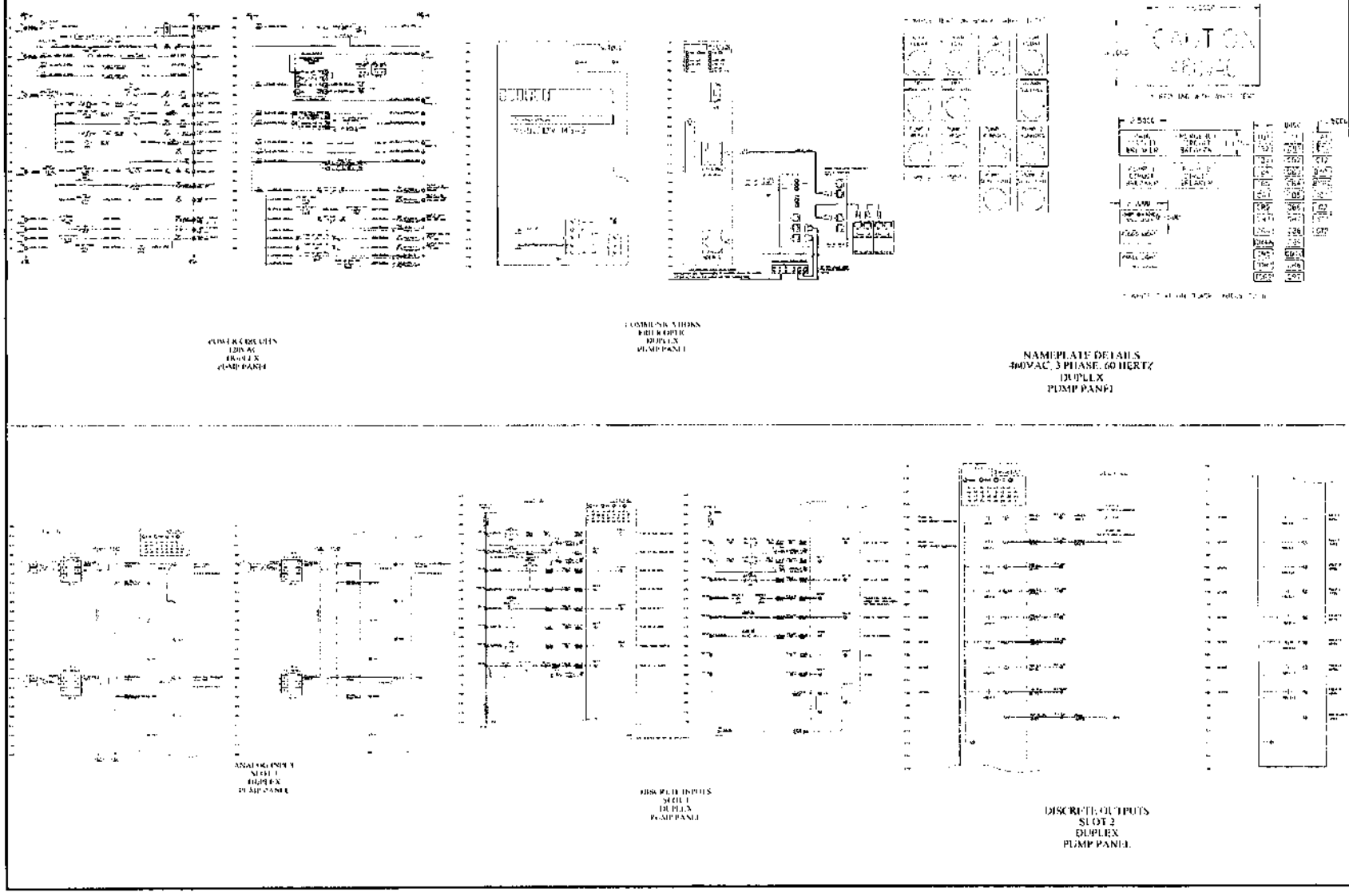
445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA 00000696

No	REVISIONS	DATE	BY



CITY OF PORT ST. LUCIE
UTILITY SYSTEMS DEPARTMENT
900 S.E. OGDEN LANE
PORT ST. LUCIE, FL 34983
PHONE (772) 873-6400 FAX (772) 873-6433

SOFT START WITH FIBER

DETAIL: PS-12
DATE: 2015
SCALE: N.T.S.
SHEET: 1 OF 2

Kimley»Horn

LIFT STATION DETAILS

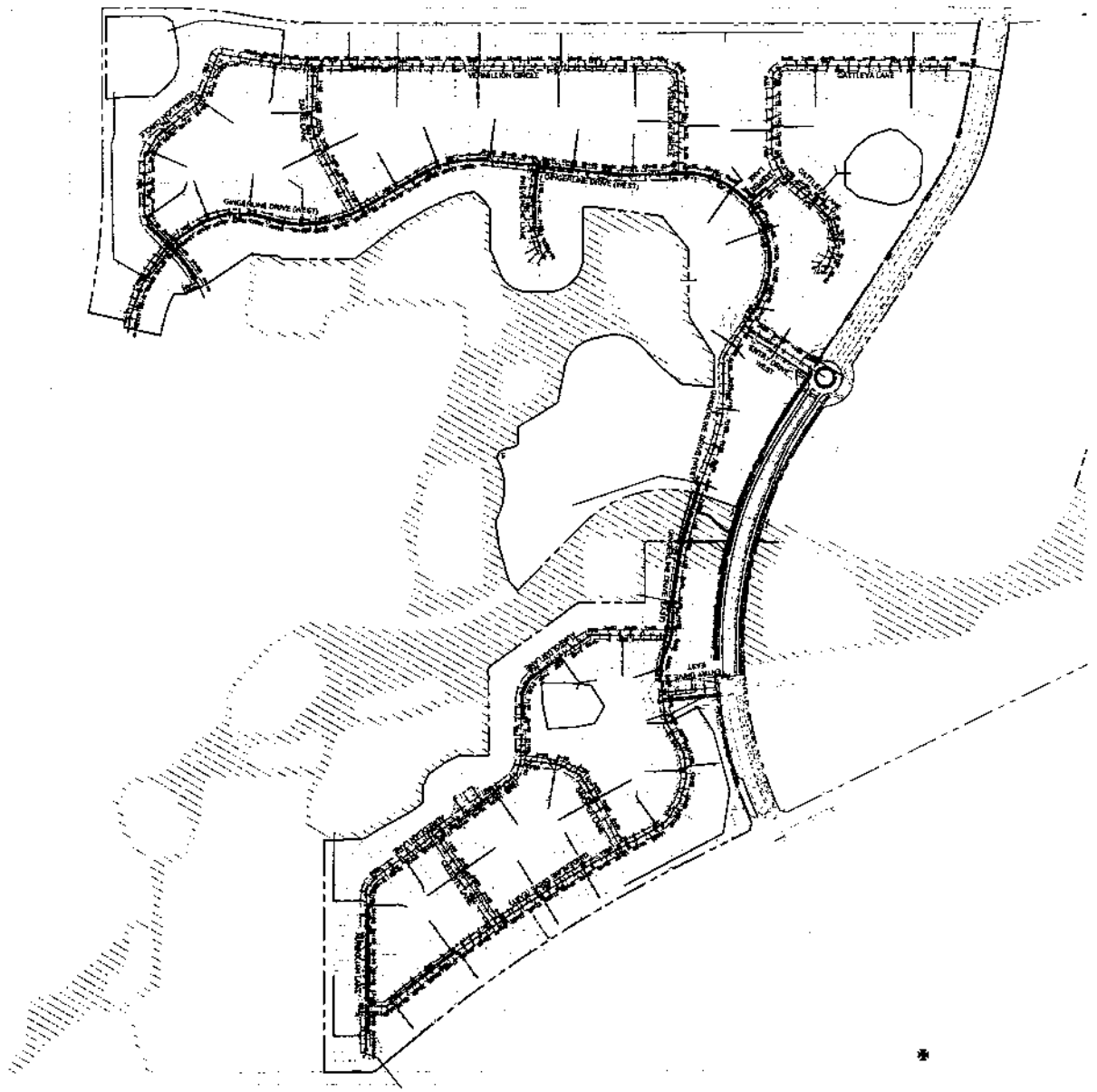
Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST. LUCIE
FLORIDA

CALL 48 HOURS BEFORE YOU DIG
IT'S THE LAW! CALL 811

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

C-332



P16 - 120

C-400

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP
CITY OF PORT ST. LUCIE FLORIDA

STREET PROFILES
OVERALL MAP

KHA PROJECT 047697020
DATE 07/15/2016
SCALE AS SHOWN
DESIGNED BY AAS
DRAWN BY MJP
CHECKED BY KFH DATE

LICENSED PROFESSIONAL
KIMLEY-HORN AND ASSOCIATES
STATE LICENSE NUMBER 75487

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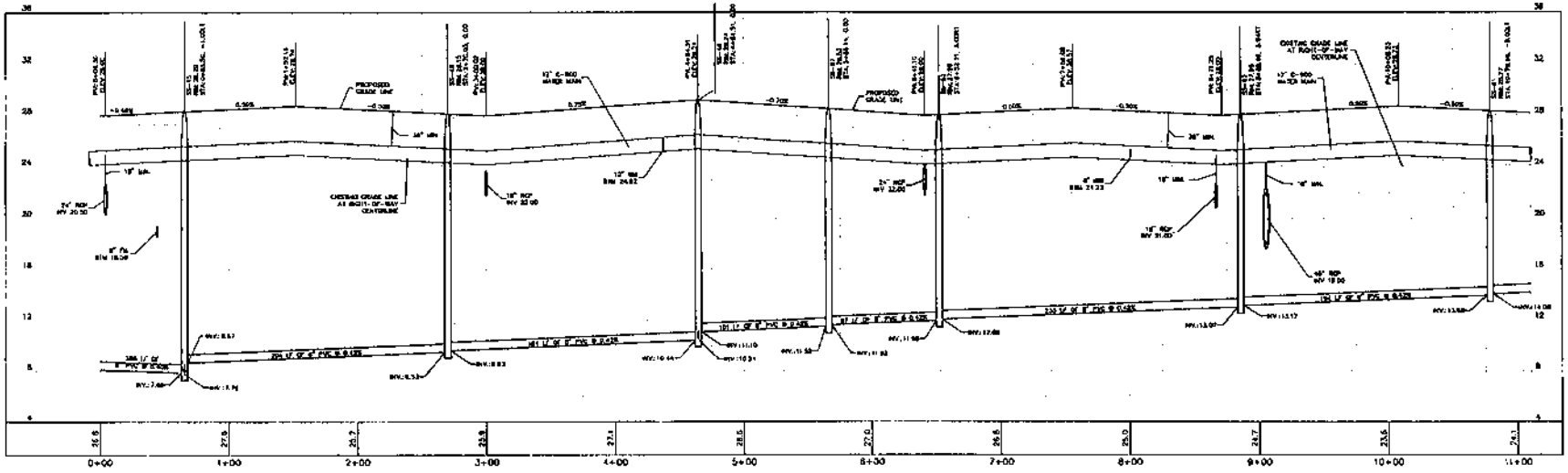
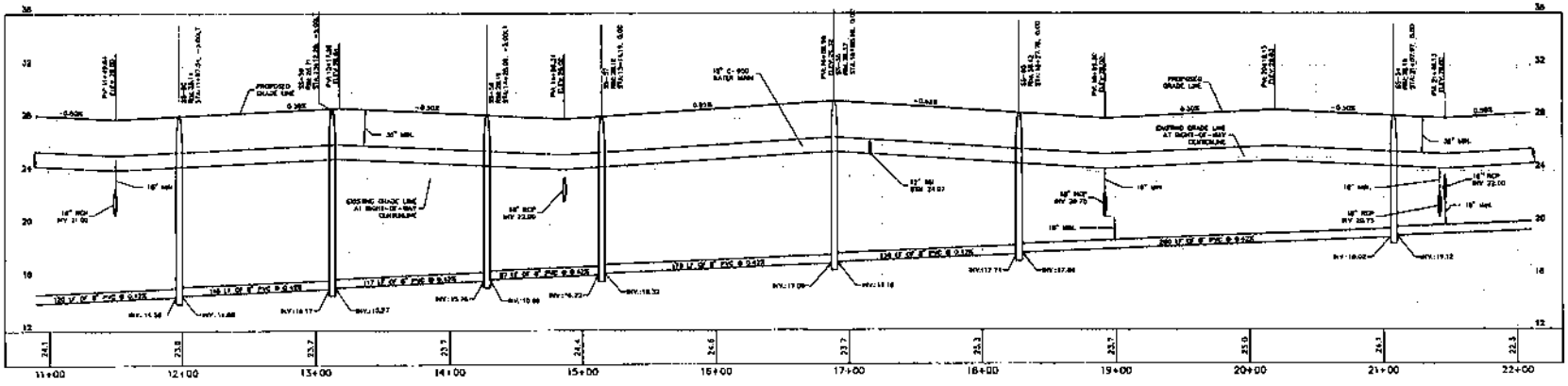


GINGERLINE DRIVE (EAST)



GINGERLINE DRIVE (EAST CONT.)

P16 - 120

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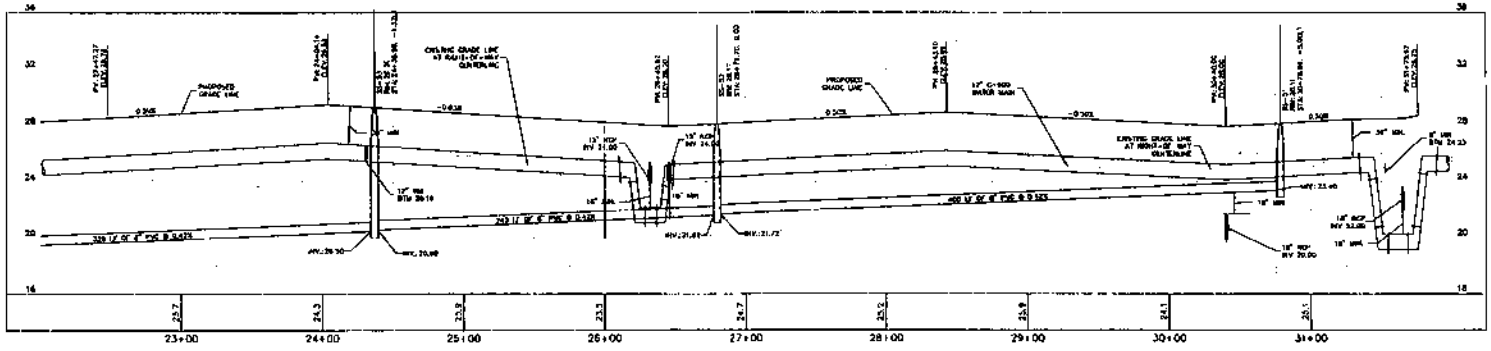
STREET PROFILES - GINGERLINE DRIVE (EAST)

Del Webb AT TRADITION

SHEET NUMBER C-401



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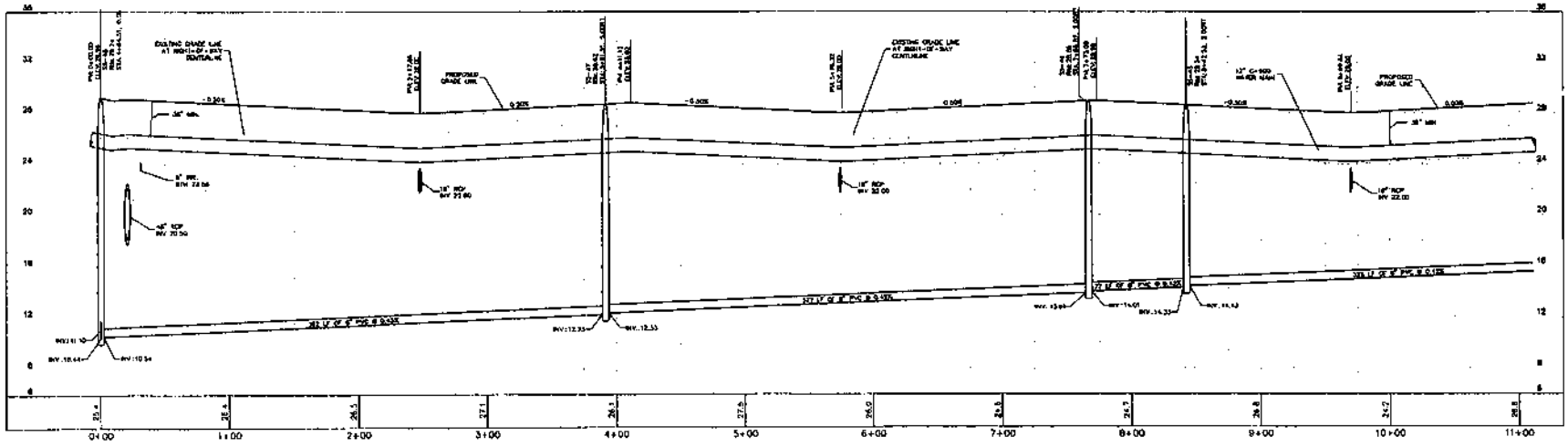

AUREOLIAN LANE

P16 - 120

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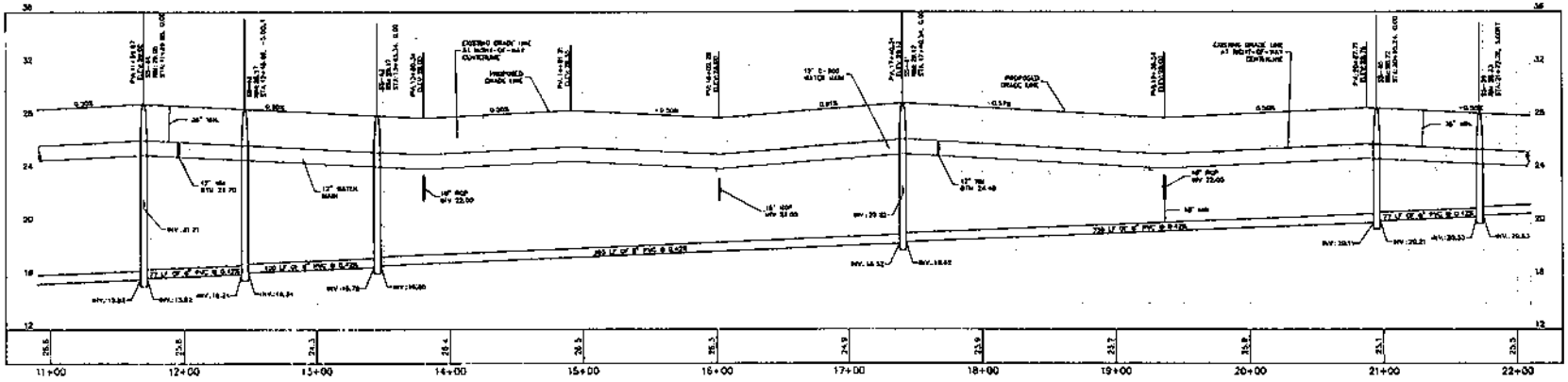
STREET PROFILES - GINGERLINE DRIVE (EAST) , AUREOLIAN LANE

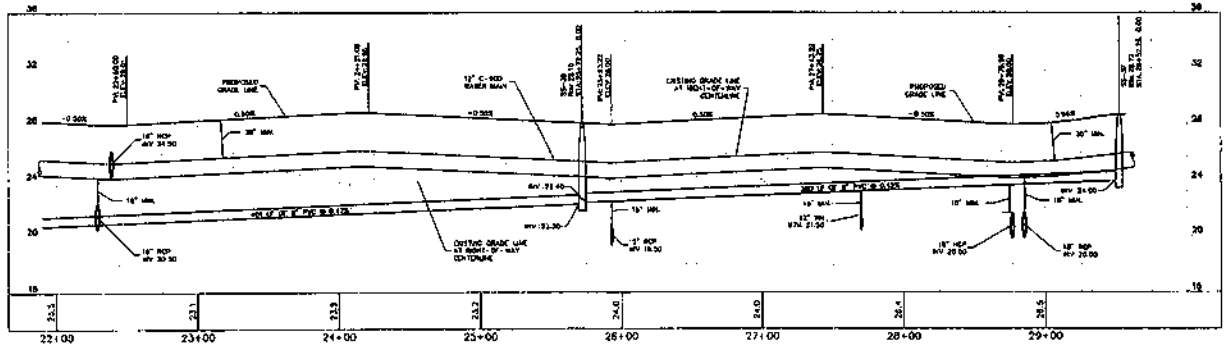
Del Webb

AT TRADITION
PREPARED FOR
PULTE GROUP

SHEET NUMBER
C-402



AUREOLIAN LANE (CONT.)



AUREOLIAN LANE

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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STREET PROFILES - AUREOLIAN LANE

Del Webb
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PULTE GROUP

SHEET NUMBER
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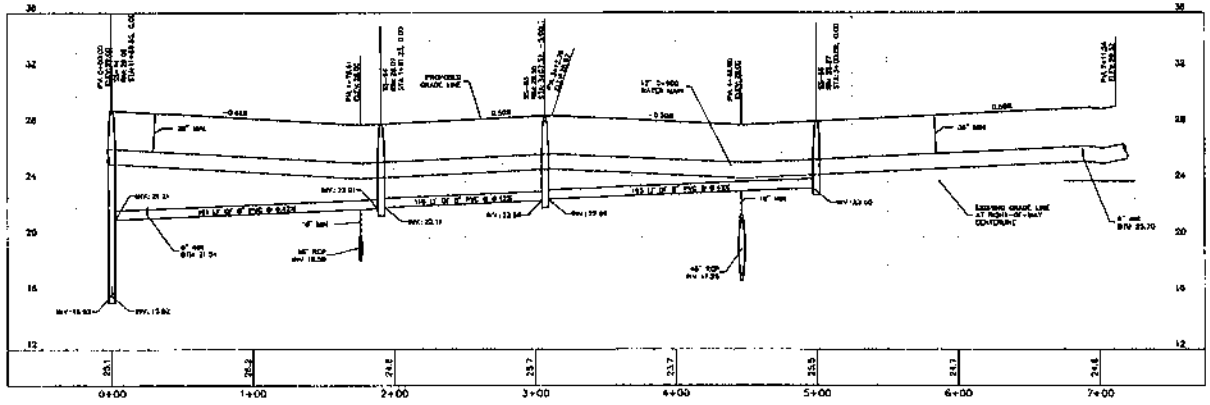
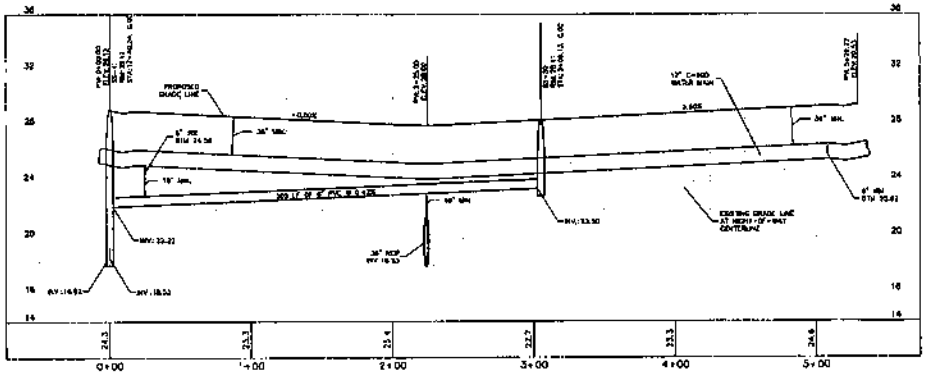
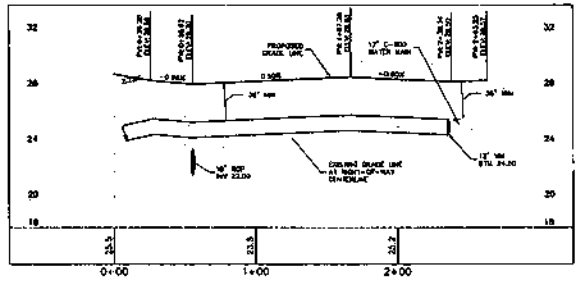


SINOPER LANE



CELESTE LANE



EAST ENTRY DRIVE

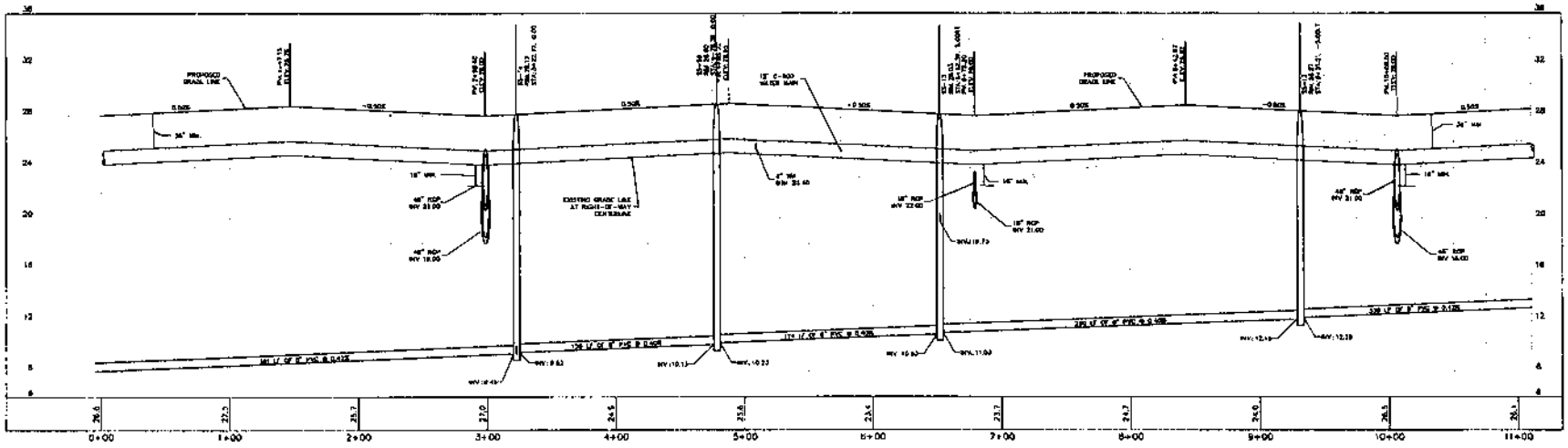
CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

Kimley»Horn

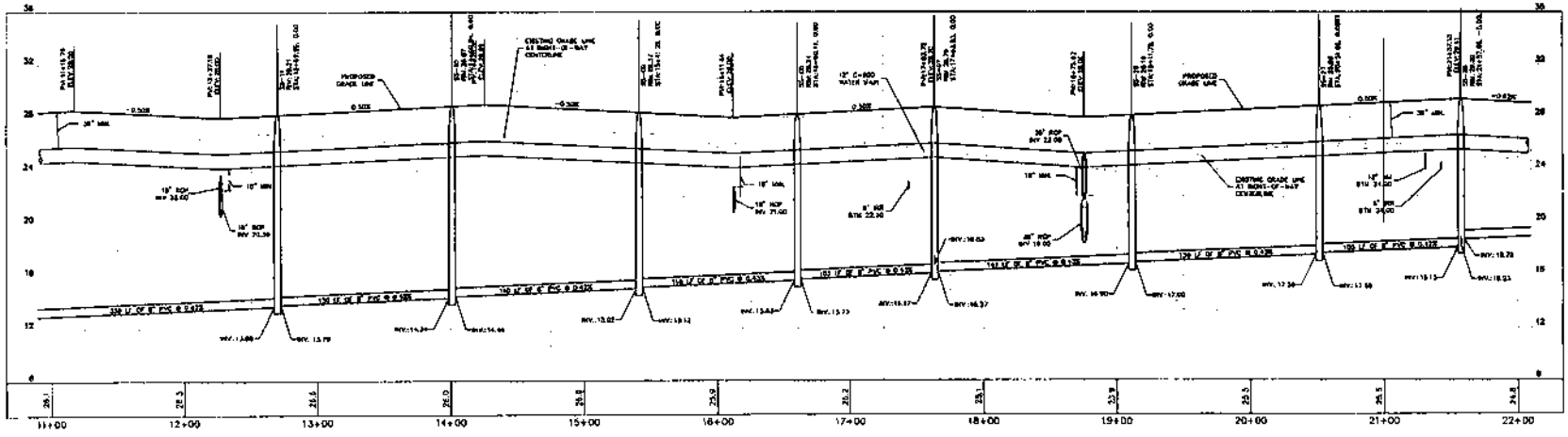
STREET PROFILES
- SINOPER LANE,
CELESTE LANE,
EAST ENTRY

Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

SHEET NUMBER
C-404



GINGERLINE DRIVE (WEST)



GINGERLINE DRIVE (WEST CONT.)

P16 - 120

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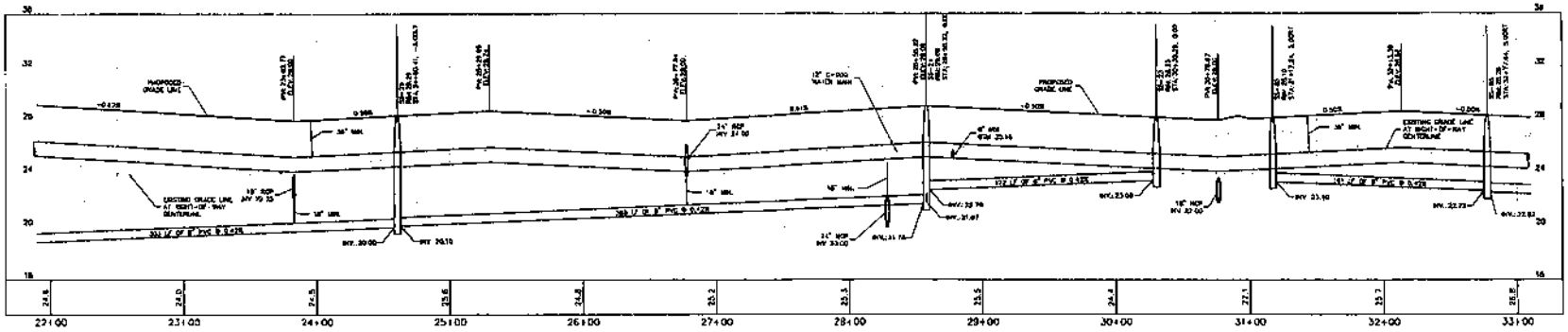
STREET PROFILES - GINGERLINE DRIVE (WEST)

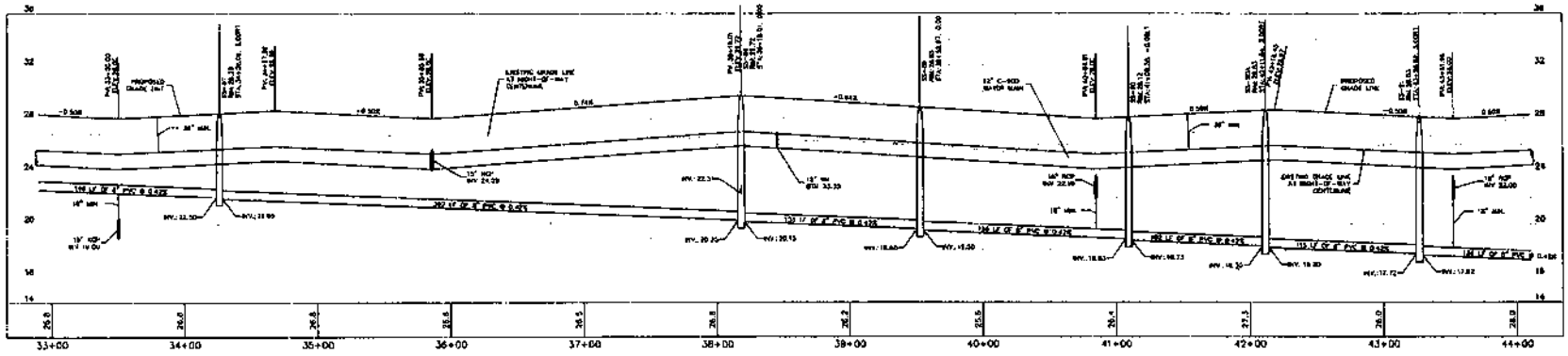
Del Webb AT TRADITION PREPARED FOR PULTE GROUP

CITY OF PORT ST. LUCIE

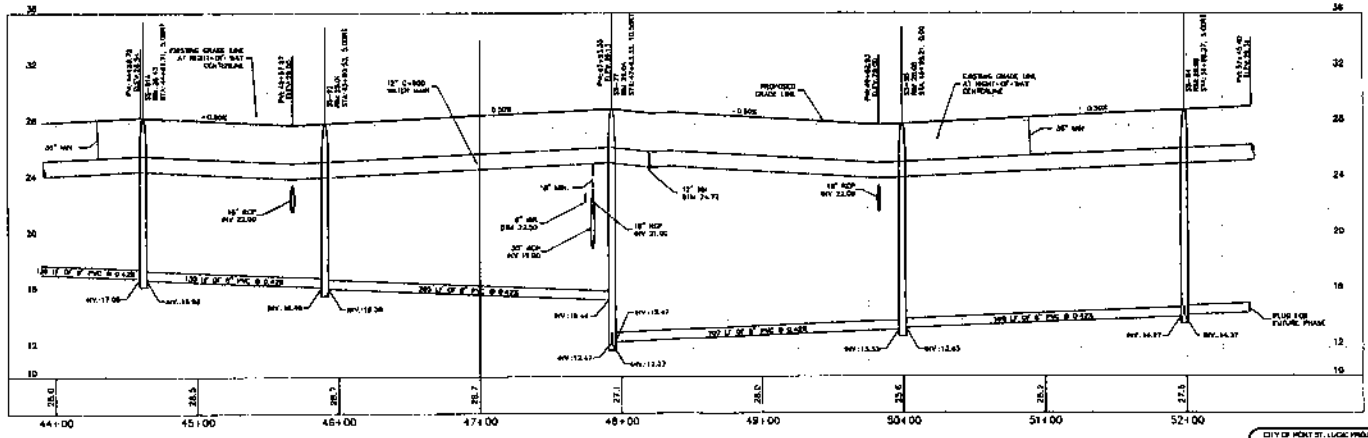
SHEET NUMBER C-405



GINGERLINE DRIVE (WEST CONT.)



GINGERLINE DRIVE (WEST CONT.)



GINGERLINE DRIVE (WEST CONT.)

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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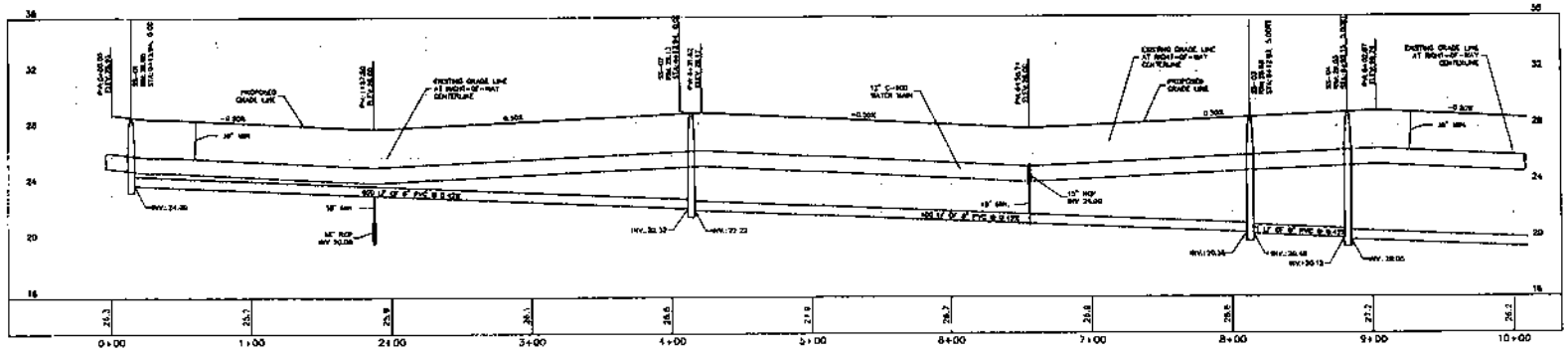
STREET PROFILES - GINGERLINE DRIVE (WEST)

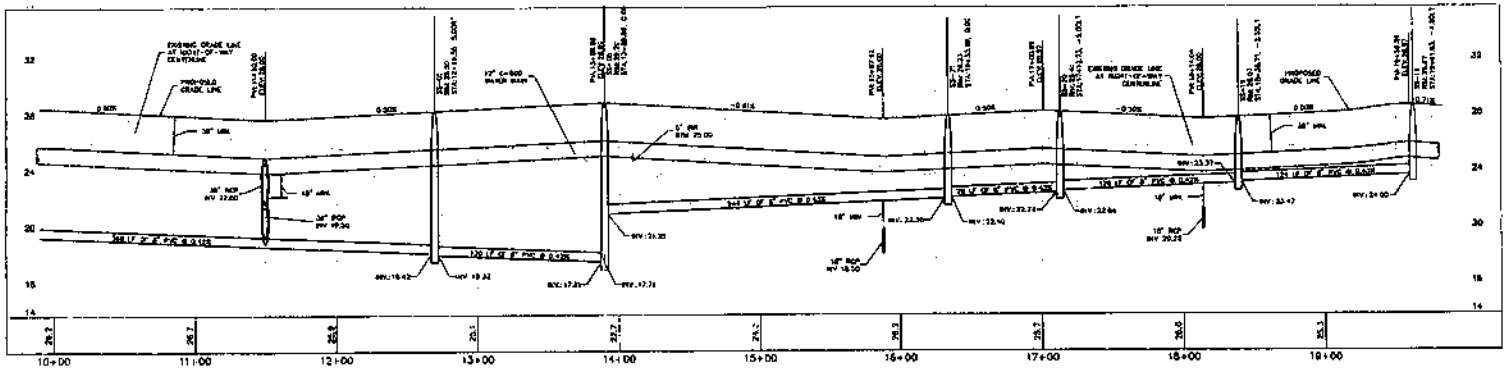
Del Webb
AT TRADITION
PREPARED FOR
PULTE GROUP

CITY OF PORT ST. LUCIE

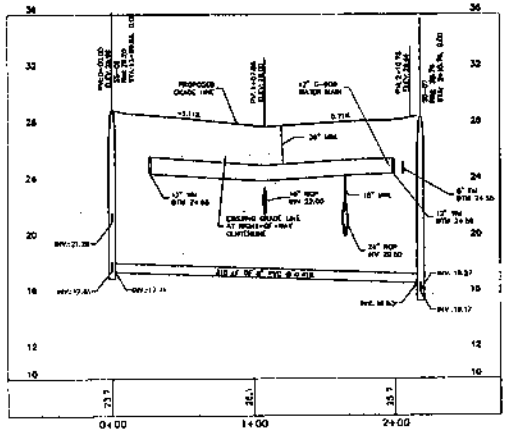
SHEET NUMBER
C-406



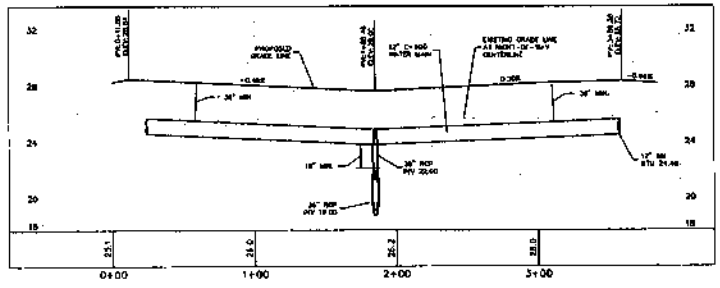
CATTLEYA LANE



CATTLEYA LANE (CONT.)



JASPER LANE



WEST ENTRY DRIVE

CITY OF PORT ST. LUCIE PROJECT #
P16 - 120

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STREET PROFILES
- CATTLEYA LANE,
JASPER LANE,
WEST ENTRY

Del Webb
AT TRADITION
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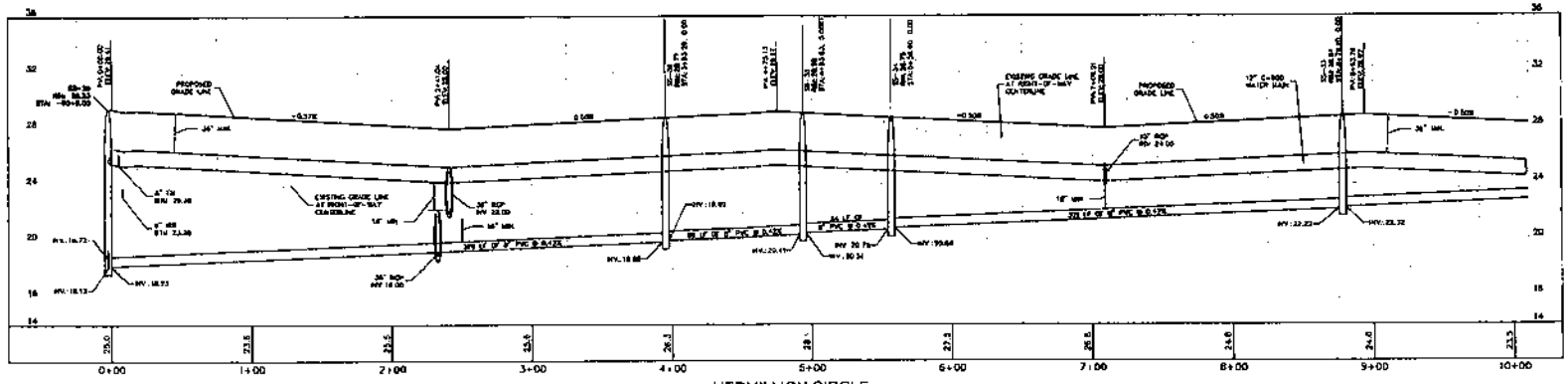
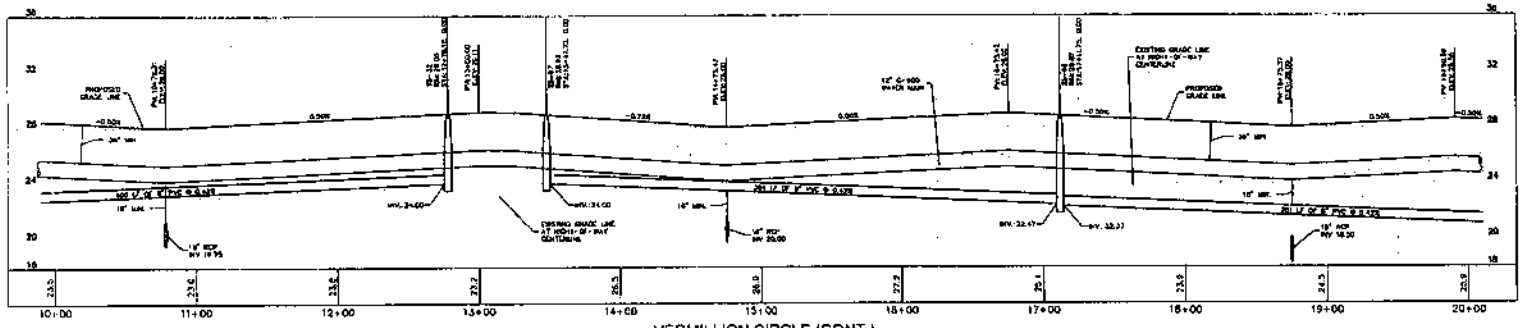
PULTE GROUP

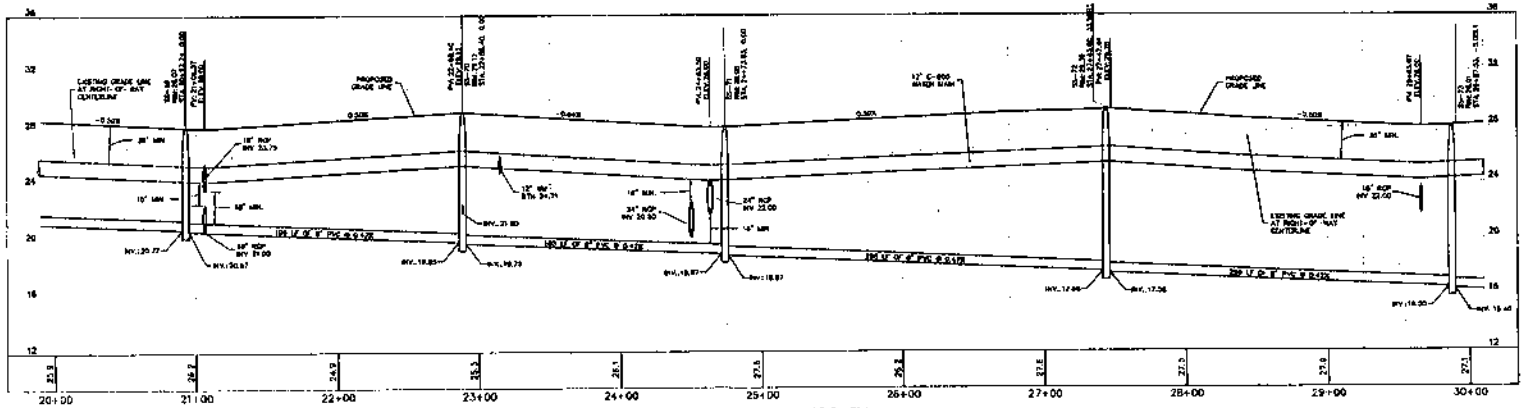
SHEET NUMBER
C-407



VERMILLION CIRCLE



VERMILLION CIRCLE (CONT.)



VERMILLION CIRCLE (CONT.)

P16 - 120

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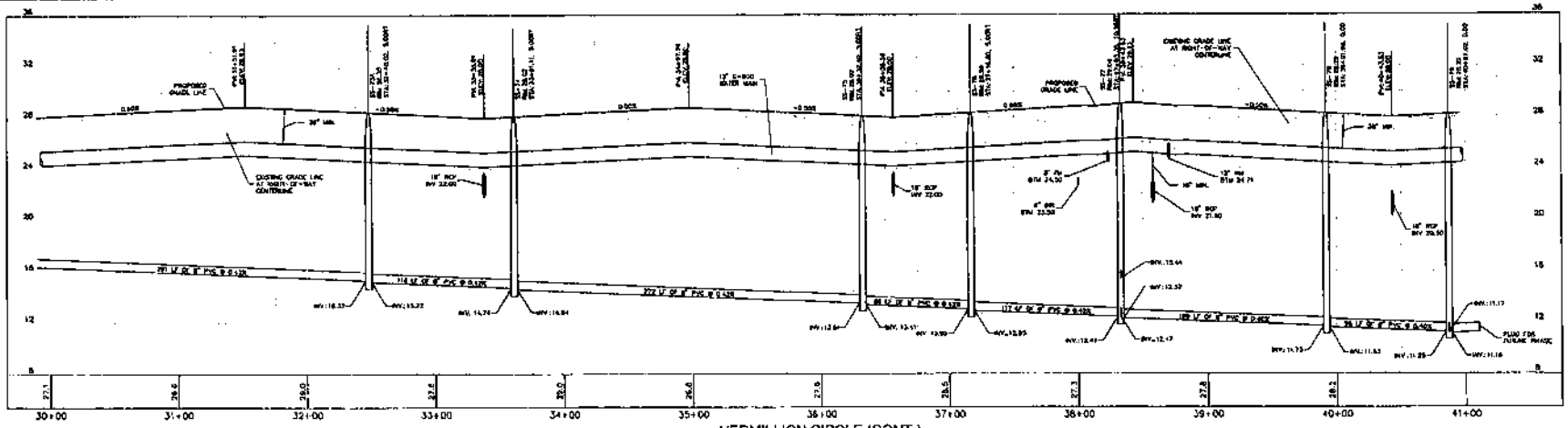
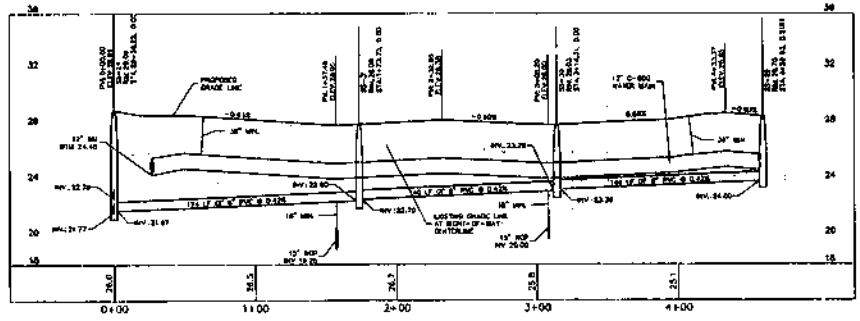
STREET PROFILES - VERMILLION CIRCLE

Del Webb AT TRADITION PREPARED FOR PULTE GROUP

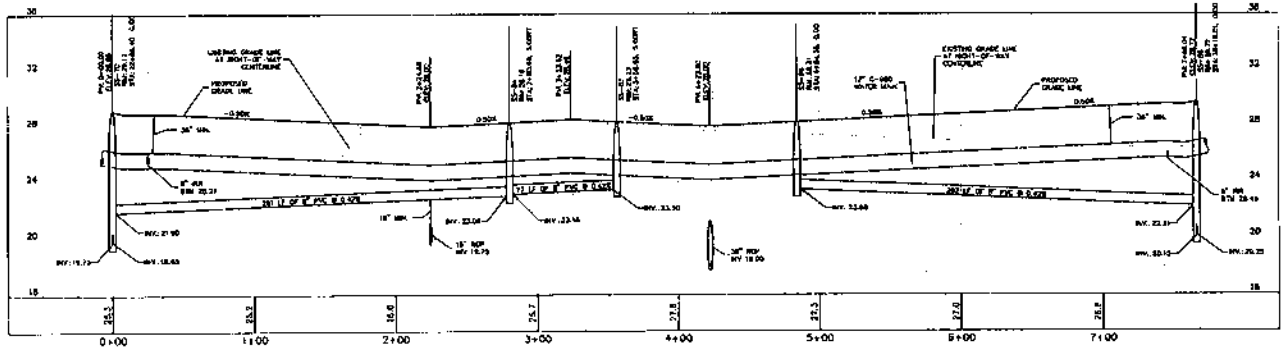
SHEET NUMBER C-408



VERMILLION CIRCLE (CONT.)



PREVENCE LANE



ZAFFRE LANE

CITY OF PORT ST. LUCIE PROJECT # P16 - 120

Kimley»Horn

STREET PROFILES - VERMILLION CIRCLE, PREVENCE LN, ZAFRE LN

Del Webb AT TRADITION PREPARED FOR PULTE GROUP

CITY OF PORT ST. LUCIE

SHEET NUMBER C-409