

GENERAL INFORMATION

FOR

The Chick-fil-A logo, featuring a stylized chicken head above the brand name in a script font.

TAX MAP NO.

LOWER ALLEN COMMONS - PAD SITE AT CONDOMINIUM #2

PARCEL # 13-23-0553-065U2

LOWER ALLEN TOWNSHIP

CUMBERLAND COUNTY, PENNSYLVANIA

KEY & ZONING MAP



		B5		LWT	
		ADDED BENCHMARKS, UPDATE SURVEY CONDITIONS		ADD TO/OM SASHMENT EXCEPTIONS	
		2/1/22		1/7/2022	
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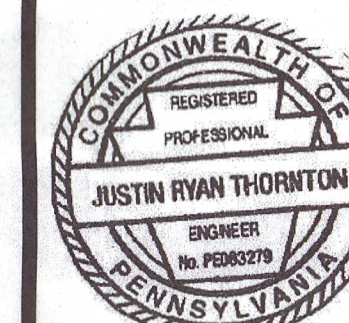
Seal
TO: CHICK-FIL-A, INC. A GEORGIA CORPORATION.
FOLLY NATIONAL TITLE INSURANCE COMPANY.
THIS IS TO CERTIFY THAT THIS MAP OR PLAN AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE ESTABLISHED STANDARD DETAIL REQUIREMENT FOR ALTA/SPS LAND TITLE SURVEYS, JOHN P. HANCOCK AND ADOPTED BY ALTA AND NSPS AND INCLUDES ITEMS 1, 2, 3, 4, 5, 6(b), 7(a), 7(b)(1), 8, 9, 10(b), 13, 14, 17, 19, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 7



5200 Buffington Road
Atlanta, Georgia
30349-2998
Telephone 404-765-8000

REV	DATE	DESCRIPTION	WPP	DRAWN BY
1	4/1/12	SITE LAYOUT ADJUSTMENTS		
2	6/9/12	PER TOWNSHIP COMMENTS	JT	
3	6/17/12	PER CD SET	JT	
4	7/17/12	PER TOWNSHIP AND UTILITY COMMENTS	JK	
5	8/19/12	CD SET	AER	
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Seal



Justin Thornton
Justin Ryan Thornton
PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER
LICENSE NUMBER: PE083279
COLLIERS ENGINEERING & DESIGN, INC.



www.colliersengineering.com

Doing Business as  **MASER**
CORPORATION

PITTSBURGH

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STORE 05137

PARCEL #:
13-23-0553-06U2 3525

LOWER ALLEN TWP
CUMBERLAND CO,
PENNSYLVANIA

SITE LAYOUT

GRADING AND DRAINAGE PLAN

☐ Preliminary
☒ 80% Submittal
☐ For Construction

File No.: 21001642A

Store : 05137Date : 02/11/22

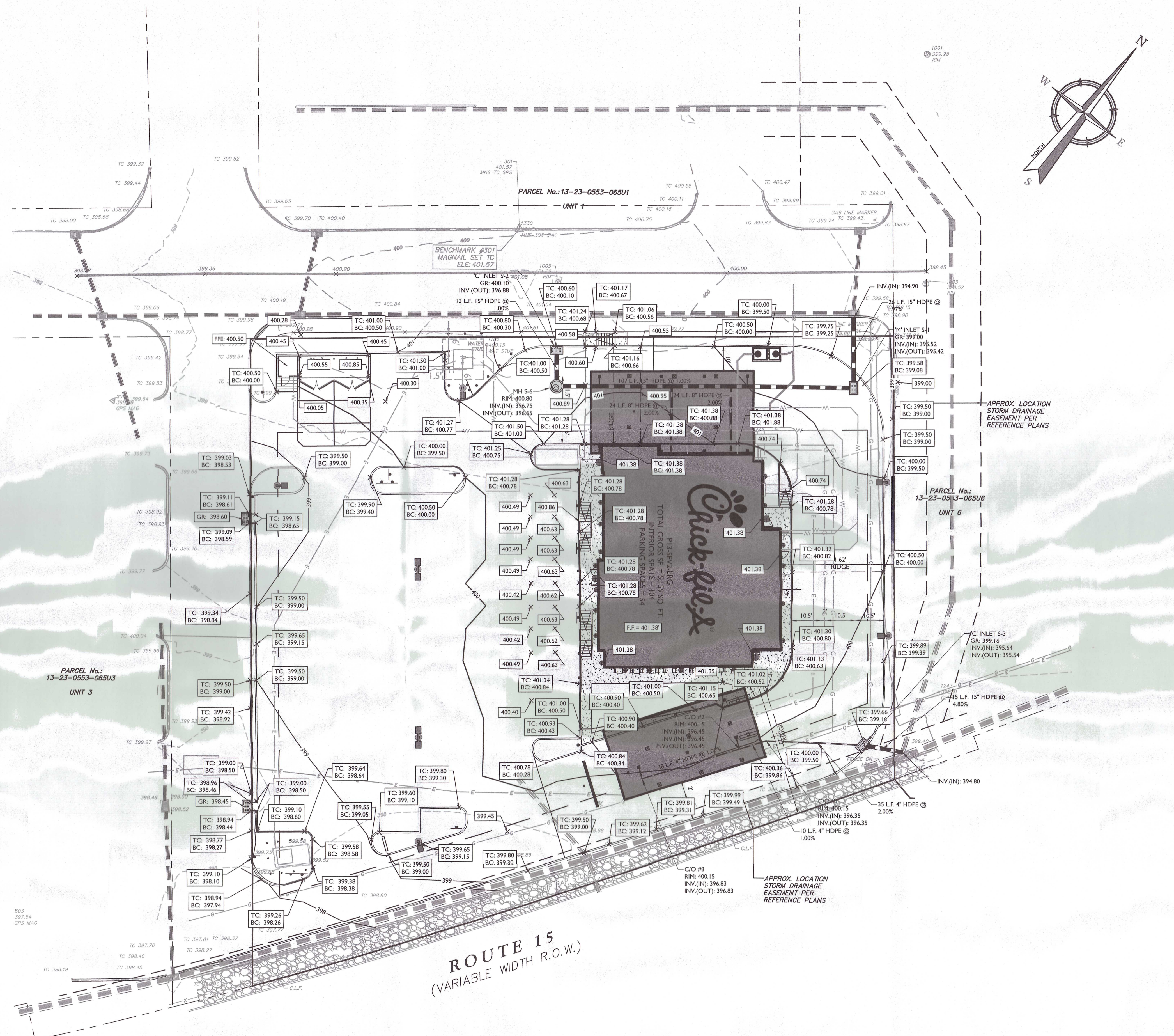
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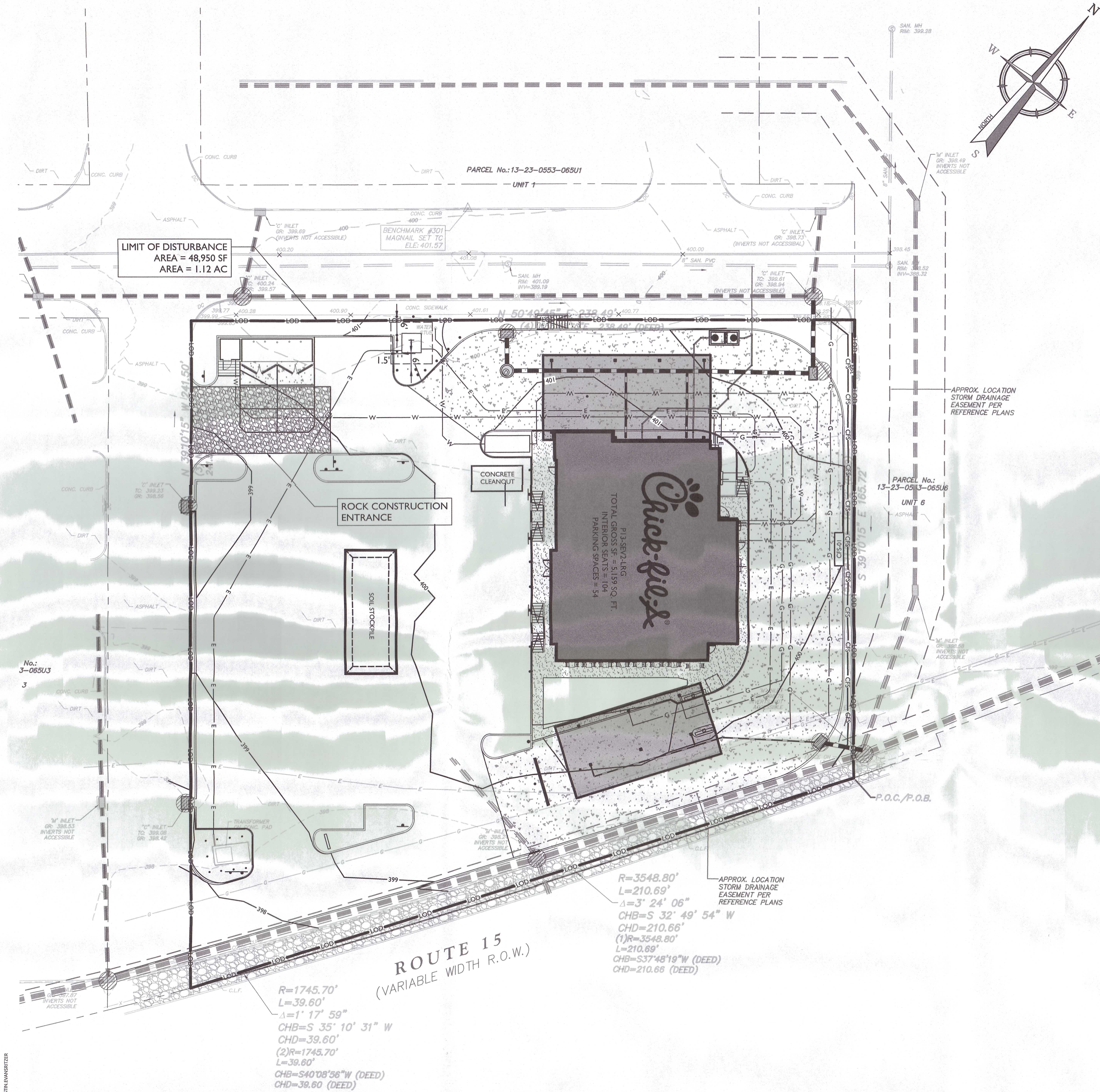
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NOTES:

1. THE RECEIVING STREAM IS CEDAR RUN WATERSHED. USE DESIGNATION IS CWF, MF (COLD WATER FISHES, MIGRATORY FISH). THIS STREAM IS LOCATED APPROXIMATELY 1,800 FT SOUTHEAST OF THE PROJECT SITE.
2. PROPOSED LIMIT OF DISTURBANCE IS 48,890 SF (1.12 AC.)
3. THERE ARE NO STREAMS, WETLANDS, FLOODWAYS, OR WATERCOURSES WITHIN THE PROPOSED DEVELOPMENT AREA.

RECYCLING & DISPOSAL OF MATERIALS:

1. ANY POST-CONSTRUCTION WASTE MATERIALS COLLECTED BY THE STORMWATER COLLECTION/CONVEYANCE SYSTEM SHALL BE DISPOSED OF PROPERLY. WASTE MATERIALS SHALL NOT BE DISTRIBUTED ON SITE. THERE SHALL BE NO DUMPING OF WASTE MATERIALS INTO THE STORM INLETS. ANTICIPATED POST-CONSTRUCTION WASTES FOR THIS PROJECT INCLUDE CUSTOMER
2. TRASH/DEBRIS, VEHICULAR LIQUIDS, SEDIMENT, LEAVES, AND GRASS CLIPPINGS.

SEQUENCE OF DEVELOPMENT

PHASE I

1. INSTALL INLET FILTERS ON EXISTING INLETS TO REMAIN
2. INSTALL TEMPORARY CONSTRUCTION FENCING
3. INSTALL ROCK CONSTRUCTION ENTRANCE
4. INSTALL COMPOST FILTER SOCK

PHASE II

1. REMOVE EXISTING FEATURES AS NECESSARY

PHASE III

1. ROUGH GRADE SITE
2. CONSTRUCT DRAINAGE FACILITIES
3. INSTALL INLET FILTERS TO PROPOSED INLETS
4. CONSTRUCT BUILDING FOUNDATIONS
5. INSTALL UTILITY SERVICE CONNECTIONS TO BUILDING LOCATION
6. CONSTRUCT CURBING, PAVEMENT BASE

PHASE IV

1. COMPLETE CONSTRUCTION OF ALL STRUCTURES
2. DISTRIBUTE STOCK PILE SOIL
3. REMOVE EXCESS SOIL AND DEBRIS FROM SITE

PHASE V

1. BRING SITE TO FINISHED GRADE
2. COMPLETE LANDSCAPING
3. REMOVE E & S MEASURES

SOIL USE LIMITATIONS AND RESOLUTIONS:

BASED ON THE WEB SOIL REPORT OF CUMBERLAND COUNTY, THE EXISTING SOIL CLASSIFICATION WITHIN THE PROJECT AREA IS URBAN LAND, UD. UD IS NOT LISTED AS HYDRIC SOIL. THE SOIL USE LIMITATIONS FOR UD IS UNKNOWN. WHEN ISSUES OCCUR DURING CONSTRUCTION, USE BELOW RESOLUTIONS OR CONSULTANT WITH THE ENGINEERS.

SOIL USE LIMITATIONS:

1. CUTBANKS CAVE
2. CORROSIVE TO CONCRETE AND STEEL
3. DROUGHTY
4. EASILY ERODIBLE
5. DEPTH TO SATURATED ZONE
6. HYDRIC/HYDRIC INCLUSIONS
7. LOW STRENGTH/LANDSLIDE PRONE
8. SLOW PERCOLATION
9. PIPING
10. POOR SOURCE OF TOPSOIL
11. FROST ACTION
12. POTENTIAL SINKHOLE
13. WETNESS

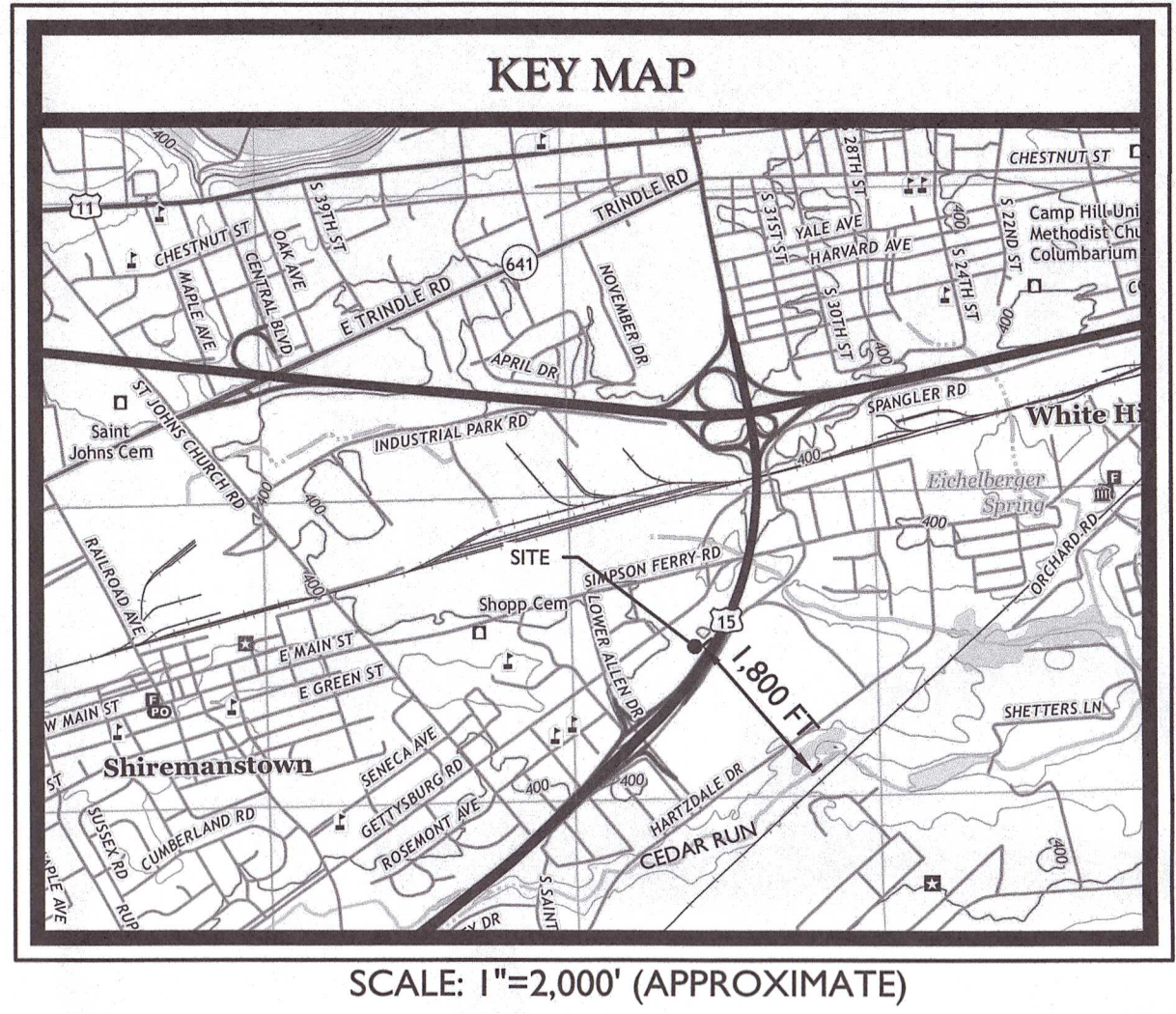
RESOLUTION:

1. CUTBANKS CAVE: EXCAVATIONS WILL BE SHORED IN ACCORDANCE WITH OSHA STANDARDS.
2. CORROSIVE TO CONCRETE/STEEL: CORROSIVE RESISTANT MATERIALS WILL BE USED OR CORROSIVE RESISTANT PRODUCTS WILL BE APPLIED TO THE SURFACE OF STEEL/CONCRETE FEATURES THAT CONTACT THE SOIL.
3. DROUGHTY: COMPOST WILL BE ADDED TO IMPROVE EXISTING SOIL CONDITIONS IF NECESSARY.
4. EASILY ERODIBLE: DISTURBED AREAS WILL BE STABILIZED IMMEDIATELY WITH TEMPORARY/PERMANENT VEGETATION AND EROSION CONTROL BLANKETS.
5. DEPTH TO SATURATED ZONE/SEASONAL HIGH WATER TABLE: FILTER BAGS WILL BE USED IF WATER IS ENCOUNTERED DURING CONSTRUCTION.
6. HYDRIC/HYDRIC INCLUSIONS: HYDRIC SOILS ARE NOT EXPECTED ON THIS SITE.
7. LOW STRENGTH/LANDSLIDE PRONE: EXCAVATIONS WILL BE SHORED IN ACCORDANCE WITH OSHA STANDARDS, AND DISTURBED AREAS WILL BE STABILIZED WITH TEMPORARY/PERMANENT VEGETATION AND EROSION CONTROL BLANKETS.
8. SLOW PERCOLATION: NO INFILTRATION IS PROPOSED.
9. PIPING: ALL PIPE EXCAVATIONS WILL BE SHORED IN ACCORDANCE WITH OSHA STANDARDS.
10. POOR SOURCE OF TOPSOIL: ADD COMPOST TO IMPROVE SOIL CONDITION. USE SOILS FROM TOPSOIL STOCKPILES, IF NECESSARY, IMPORT TOPSOIL.
11. FROST ACTION: ALL PIPING WILL BE INSTALLED BELOW FROST LINE.
12. POTENTIAL SINKHOLE: MAINTAIN SEPARATION FROM INFILTRATION OF STORMWATER. MITIGATE POTENTIAL VOIDS DURING CONSTRUCTION.
13. WETNESS: CONSULT ENGINEERS WHEN ENCOUNTER DURING CONSTRUCTION.

COMPOST FILTER SOCK	
CFS-01	12"

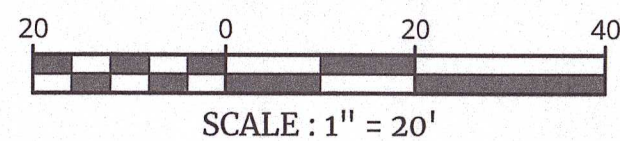
STORMWATER MANAGEMENT STATEMENT:

1. THE ORIGINAL PCSM PLANS DATED 3/5/20 FOR THE LOWER ALLEN COMMON WAS APPROVED TO INCLUDE 90% OF IMPERVIOUS FROM ALL CONDO UNITS. THE PROPOSED DEVELOPMENT WILL HAVE 89.25% OF IMPERVIOUS AREA. WITH THE PROPOSED PERCENTAGE OF IMPERVIOUS AREA COMPLY WITH PREVIOUS APPROVED NPDES PERMIT CRITERIA. NO ADDITIONAL STORMWATER MANAGEMENT IS REQUIRED.

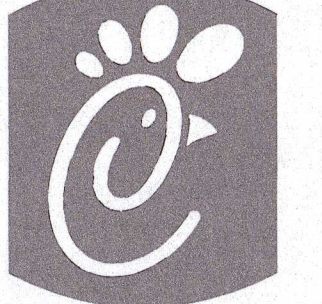


SOIL EROSION LEGEND	
PROPOSED INLET FILTER	
PROPOSED AREA OF TEMPORARY TOPSOIL STOCK PILE	
PROPOSED LIMIT OF DISTURBANCE	
PROPOSED CONCRETE WASHOUT	
PROPOSED CONSTRUCTION #1 ENTRANCE, 1 1/2\" x 2\" Ø STONE (50' LONG x 25' WIDE x 12\")	
PROPOSED COMPOST FILTER SOCK	

LEGEND	
EXISTING	PROPOSED



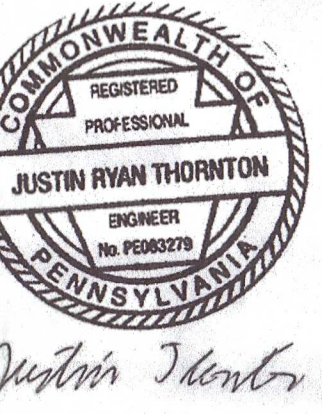
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30349-2998
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DRAWN BY		DESCRIPTION	
ASR	UK	PER TOWNSHIP AND UTILITY COMMENTS	CD SET
IT	JP	PER CD SET	PER CD SET
VP	JP	PER TOWNSHIP COMMENTS	PER TOWNSHIP COMMENTS
REV	DATE	DATE	DATE
5	8/19/22	4	7/17/22
4	6/17/22	3	6/17/22
2	4/9/22	1	4/1/22

Seal



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STORE 05137

PARCEL #:
13-23-0553-06U2 3525

LOWER ALLEN TWP
CUMBERLAND CO,
PENNSYLVANIA
SITE LAYOUT

SOIL EROSION PLAN

DWG EDITION I.0

☐ Preliminary
☒ 80% Submittal
☐ For Construction

File No.: 21001642A

Store : 05137

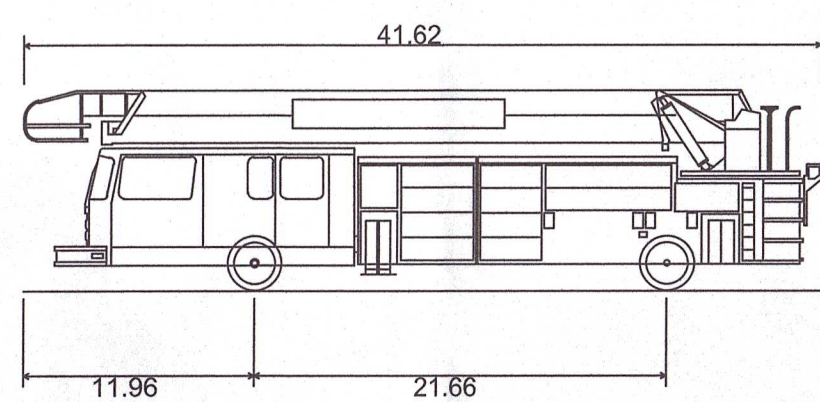
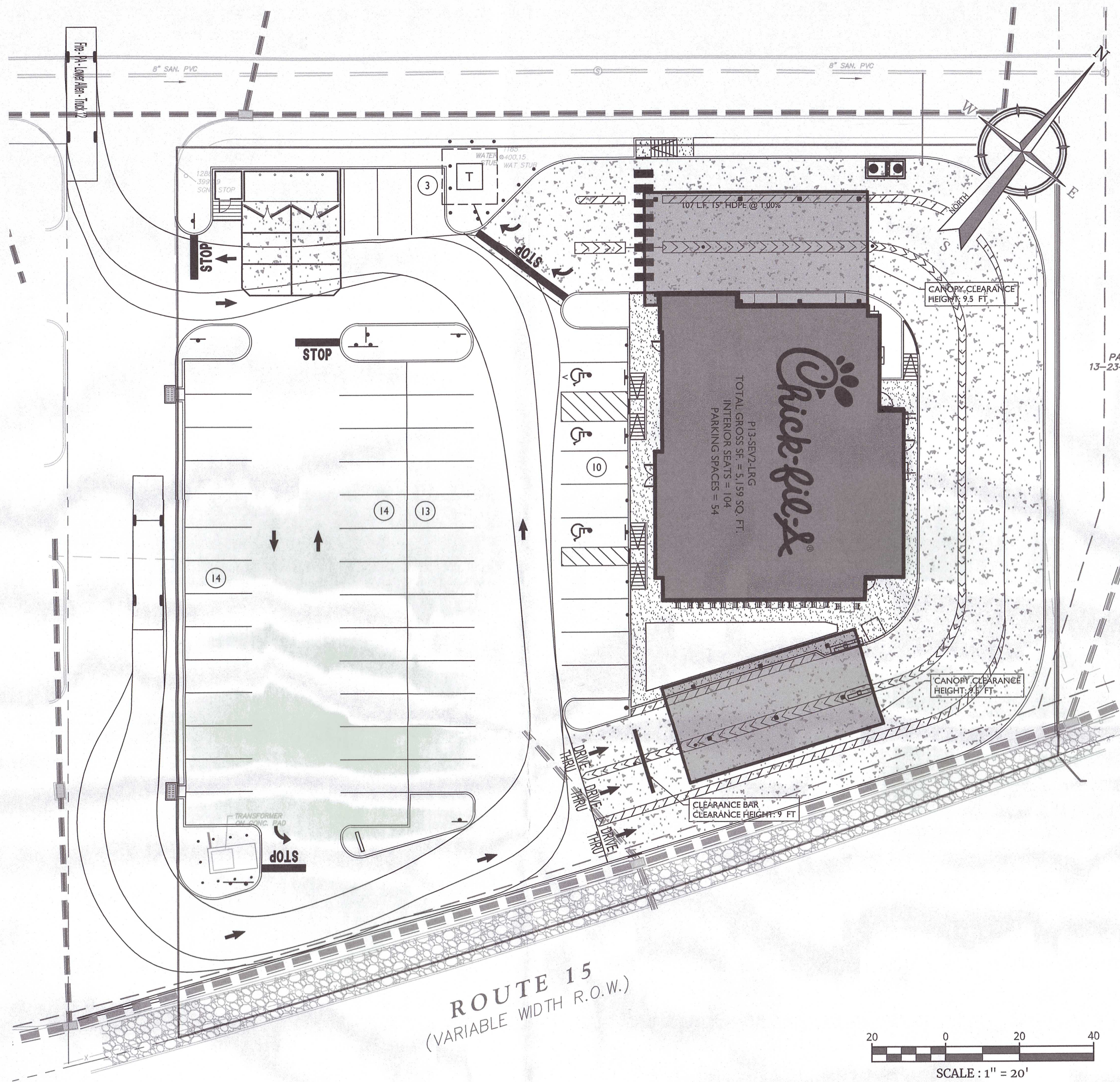
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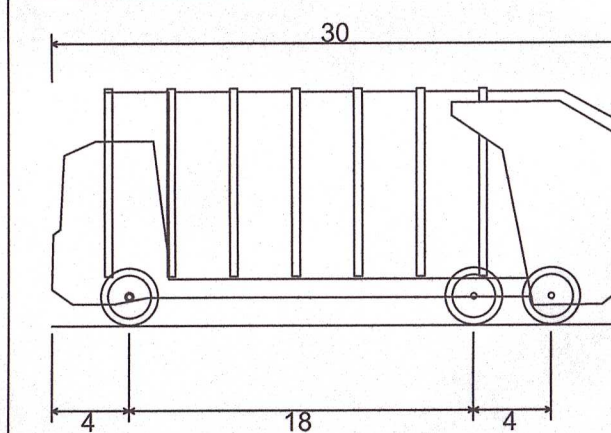
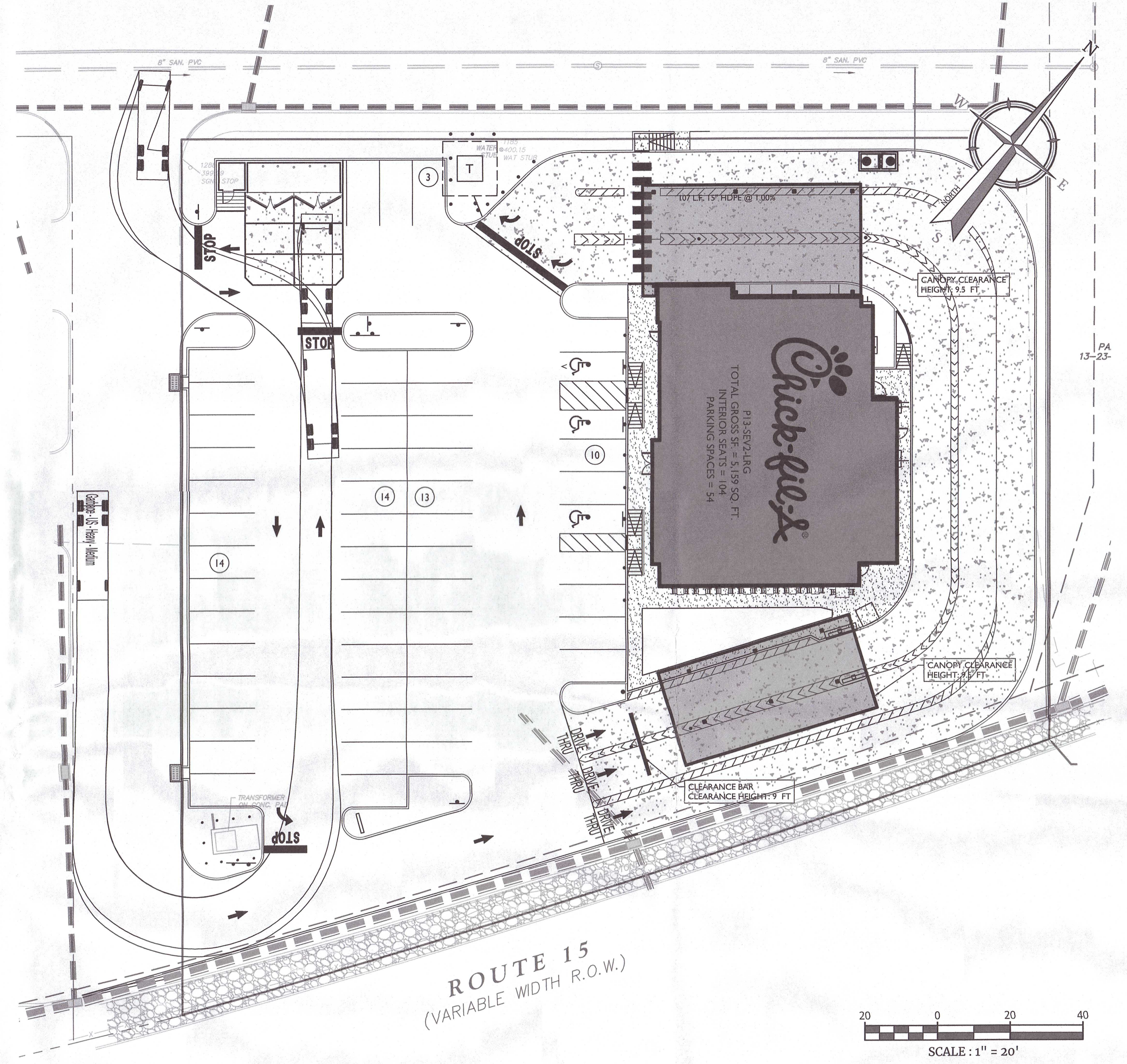
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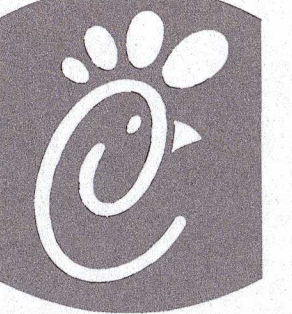
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Fire - PA - Lower Allen - Truck 12
 Overall Length 41.620ft
 Overall Width 8.167ft
 Overall Body Height 10.461ft
 Min Body Ground Clearance 0.891ft
 Track Width 8.167ft
 Lock-to-lock time 6.00s
 Curb to Curb Turning Radius 40.400ft



Garbage - US - Heavy - Medium
 Overall Length 30.000ft
 Overall Width 8.500ft
 Overall Body Height 12.359ft
 Min Body Ground Clearance 1.048ft
 Track Width 8.500ft
 Lock-to-lock time 6.00s
 Curb to Curb Turning Radius 38.160ft

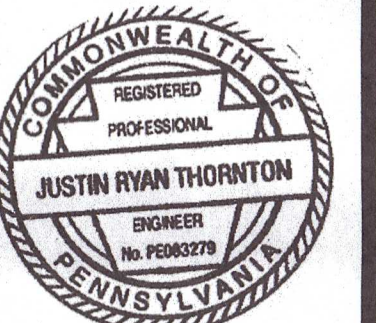


Chick-fil-A

5200 Buffington Road
 Atlanta, Georgia
 30349-2998
 Telephone 404-765-8000

REV	DATE	DESCRIPTION	BY
1	4/1/22	SITE LAYOUT ADJUSTMENTS	VPP
2	6/9/22	PER TOWNSHIP COMMENTS	JT
3	6/1/22	PER CD SET	UK
4	7/7/22	PER TOWNSHIP AND UTILITY COMMENTS	UK
5	8/1/22	CD SET	AER

Seal



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STORE 05137

PARCEL #:
 13-23-0553-06U2 3525

LOWER ALLEN TWP
 CUMBERLAND CO,
 PENNSYLVANIA

SITE LAYOUT

VEHICLE
 CIRCULATION
 EXHIBIT
 DWG EDITION 1.0

☐ Preliminary
☒ 80% Submittal
☐ For Construction

File No.: 21001642A

Store : 05137

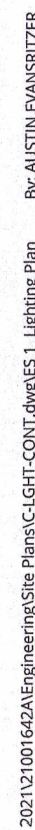
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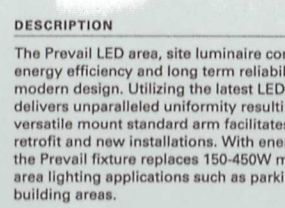
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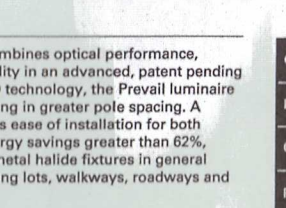


$R=3548.80'$
 $L=210.69'$
 $CHB=S\ 32^{\circ}42'54''W$
 $CHD=210.66'$
 $(1)R=3548.80'$
 $L=210.69'$
 $CHB=S37^{\circ}48'19''W$ (DEED)
 $CHD=210.66$ (DEED)



DESCRIPTION

The PaveLight LED area, also luminaires combines optical performance, energy efficiency and long term reliability in an advanced, patented pendant mounting design. Utilizing the latest LED technology, the PaveLight luminaires deliver unparalleled uniformity resulting in greater pole space. A versatile mount standard can facilitate ease of installation for both retrofit and new installations. With energy savings greater than 62%, the PaveLight fixture replaces 100-60W metal halide fixtures in general area lighting applications such as parking lots, walkways, roadways and building exteriors.



Technical Data

Category	Value
Capacity	100 Watts
Construction	Aluminum
Mounting	Standard

SPECIFICATION FEATURES

Construction

Construction is comprised of a die-cast, anodized aluminum housing. The LED drivers are mounted in direct contact with the casting to promote low operating temperatures and long life. The die-cast aluminum housing is designed to provide easy access to the driver for replacement as required. A one-piece extruded anodized aluminum gasket seals the driver to the fixture housing. The fixture is mounted on a versatile, aluminum plate bracket that allows for mounting LEDs resulting in longer life of the fixture. The fixture is IP68 and 30 vibration tested (ANSI C136.31) to ensure strength of construction and longevity in the harshest environments.

Optics

Optical performance, high efficiency optics are pre-engineered to deliver uniform, maximizing efficiency and illumination spacing. The fixture has 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260, 270, 280, 290, 300, 310, 320, 330, 340, 350, 360, 370, 380, 390, 400, 410, 420, 430, 440, 450, 460, 470, 480, 490, 500, 510, 520, 530, 540, 550, 560, 570, 580, 590, 600, 610, 620, 630, 640, 650, 660, 670, 680, 690, 700, 710, 720, 730, 740, 750, 760, 770, 780, 790, 800, 810, 820, 830, 840, 850, 860, 870, 880, 890, 900, 910, 920, 930, 940, 950, 960, 970, 980, 990, 1000, 1010, 1020, 1030, 1040, 1050, 1060, 1070, 1080, 1090, 1100, 1110, 1120, 1130, 1140, 1150, 1160, 1170, 1180, 1190, 1200, 1210, 1220, 1230, 1240, 1250, 1260, 1270, 1280, 1290, 1300, 1310, 1320, 1330, 1340, 1350, 1360, 1370, 1380, 1390, 1400, 1410, 1420, 1430, 1440, 1450, 1460, 1470, 1480, 1490, 1500, 1510, 1520, 1530, 1540, 1550, 1560, 1570, 1580, 1590, 1600, 1610, 1620, 1630, 1640, 1650, 1660, 1670, 1680, 1690, 1700, 1710, 1720, 1730, 1740, 1750, 1760, 1770, 1780, 1790, 1800, 1810, 1820, 1830, 1840, 1850, 1860, 1870, 1880, 1890, 1900, 1910, 1920, 1930, 1940, 1950, 1960, 1970, 1980, 1990, 2000, 2010, 2020, 2030, 2040, 2050, 2060, 2070, 2080, 2090, 2100, 2110, 2120, 2130, 2140, 2150, 2160, 2170, 2180, 2190, 2200, 2210, 2220, 2230, 2240, 2250, 2260, 2270, 2280, 2290, 2300, 2310, 2320, 2330, 2340, 2350, 2360, 2370, 2380, 2390, 2400, 2410, 2420, 2430, 2440, 2450, 2460, 2470, 2480, 2490, 2500, 2510, 2520, 2530, 2540, 2550, 2560, 2570, 2580, 2590, 2600, 2610, 2620, 2630, 2640, 2650, 2660, 2670, 2680, 2690, 2700, 2710, 2720, 2730, 2740, 2750, 2760, 2770, 2780, 2790, 2800, 2810, 2820, 2830, 2840, 2850, 2860, 2870, 2880, 2890, 2900, 2910, 2920, 2930, 2940, 2950, 2960, 2970, 2980, 2990, 3000, 3010, 3020, 3030, 3040, 3050, 3060, 3070, 3080, 3090, 3100, 3110, 3120, 3130, 3140, 3150, 3160, 3170, 3180, 3190, 3200, 3210, 3220, 3230, 3240, 3250, 3260, 3270, 3280, 3290, 3300, 3310, 3320, 3330, 3340, 3350, 3360, 3370, 3380, 3390, 3400, 3410, 3420, 3430, 3440, 3450, 3460, 3470, 3480, 3490, 3500, 3510, 3520, 3530, 3540, 3550, 3560, 3570, 3580, 3590, 3600, 3610, 3620, 3630, 3640, 3650, 3660, 3670, 3680, 3690, 3700, 3710, 3720, 3730, 3740, 3750, 3760, 3770, 3780, 3790, 3800, 3810, 3820, 3830, 3840, 3850, 3860, 3870, 3880, 3890, 3900, 3910, 3920, 3930, 3940, 3950, 3960, 3970, 3980, 3990, 4000, 4010, 4020, 4030, 4040, 4050, 4060, 4070, 4080, 4090, 4100, 4110, 4120, 4130, 4140, 4150, 4160, 4170, 4180, 4190, 4200, 4210, 4220, 4230, 4240, 4250, 4260, 4270, 4280, 4290, 4300, 4310, 4320, 4330, 4340, 4350, 4360, 4370, 4380, 4390, 4400, 4410, 4420, 4430, 4440, 4450, 4460, 4470, 4480, 4490, 4500, 4510, 4520, 4530, 4540, 4550, 4560, 4570, 4580, 4590, 4600, 4610, 4620, 4630, 4640, 4650, 4660, 4670, 4680, 4690, 4700, 4710, 4720, 4730, 4740, 4750, 4760, 4770, 4780, 4790, 4800, 4810, 4820, 4830, 4840, 4850, 4860, 4870, 4880, 4890, 4900, 4910, 4920, 4930, 4940, 4950, 4960, 4970, 4980, 4990, 5000, 5010, 5020, 5030, 5040, 5050, 5060, 5070, 5080, 5090, 5100, 5110, 5120, 5130, 5140, 5150, 5160, 5170, 5180, 5190, 5200, 5210, 5220, 5230, 5240, 5250, 5260, 5270, 5280, 5290, 5300, 5310, 5320, 5330, 5340, 5350, 5360, 5370, 5380, 5390, 5400, 5410, 5420, 5430, 5440, 5450, 5460, 5470, 5480, 5490, 5500, 5510, 5520, 5530, 5540, 5550, 5560, 5570, 5580, 5590, 5600, 5610, 5620, 5630, 5640, 5650, 5660, 5670, 5680, 5690, 5700, 5710, 5720, 5730, 5740, 5750, 5760, 5770, 5780, 5790, 5800, 5810, 5820, 5830, 5840, 5850, 5860, 5870, 5880, 5890, 5900, 5910, 5920, 5930, 59

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REV 00/01

VERSATILE MOUNT SYSTEM

POLE MOUNT ARM

WALL MOUNT

MAST ARM MOUNT

MOUNTING CONFIGURATIONS AND EPA'S

OPTICAL CONFIGURATIONS

POWER AND LUMENS

Light Engine		A16	A26	A46	A66
Rated Power (Watts)	0.76	0.77	1.02	1.02	
Input Current @ 120V (A)	0.48	0.76	1.31	1.34	
Input Current @ 277V (A)	0.22	0.35	0.54	0.60	
Input Current @ 347V (A)	0.18	0.28	0.45	0.49	
Input Current @ 480V (A)	0.13	0.21	0.33	0.35	
Type I					
Lumens	6,120	10,240	16,075	16,000	
80-180 Refr	B1-10-03	B2-10-03	B3-10-03	B4-10-03	
Type II					
Lumens	6,160	10,262	16,093	16,022	
80-180 Refr	B1-10-02	B2-10-02	B3-10-02	B4-10-02	
Type IV					
Lumens	6,170	10,261	16,097	16,030	
80-180 Refr	B1-10-03	B2-10-03	B3-10-03	B4-10-03	
Type V					
Lumens	6,300	10,427	16,697	16,610	
80-180 Refr	B1-10-03	B2-10-03	B3-10-03	B4-10-03	

NOTE: Lumens output for standard beam bars subject. Different housing styles impact lumens output. See link for standard beam bars and lighting app request.

LUMEN MAINTENANCE

Ambient Temperature	20,000 Hours	50,000 Hours	Theoretical 100,000 Hours	Theoretical 150,000 Hours
20°C	> 90%	> 90%	> 87%	> 80.00%
40°C	> 80%	> 75%	> 67%	> 50.00%
60°C	> 60%	> 45%	> 31%	> 20.00%

* Per ANSI TM-21-09

LUMEN TEMPERATURE

Ambient Temperature	Lumen Maintenance
10°C	1.02
15°C	1.01
20°C	0.99

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Specifications subject to change without notice.

TOO0000000
November 28, 2015 10:50 AM PST

DWG EDITION 1.0

☐ Preliminary
☒ 80% Submittal
☐ For Construction

File No.: 21001642A

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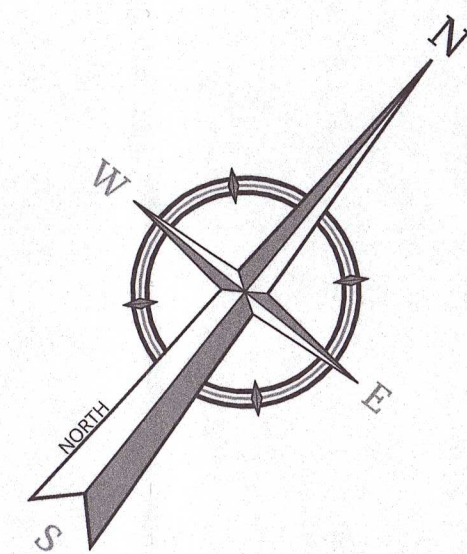
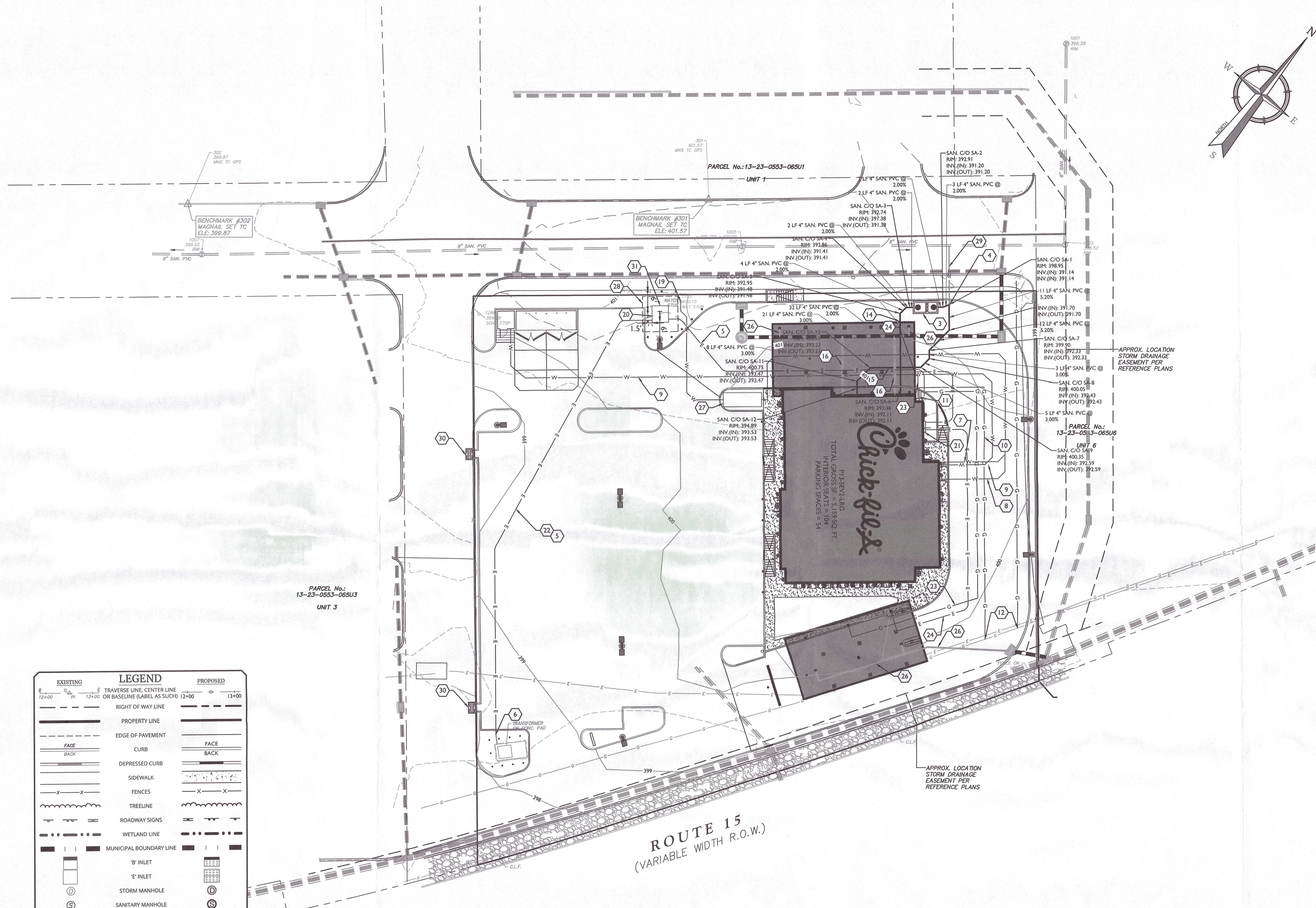
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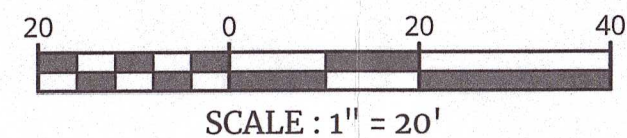
ES 1



- UTILITIES PLAN LEGEND**
- 1 PROPOSED 4" PVC SDR 35 SAN LATERAL @ 2% MIN SLOPE
 - 2 PROPOSED CLEAN-OUT (TYP.)
 - 3 PROPOSED EXTERIOR 1,500 GAL. GREASE TRAP
 - 4 CONNECT TO EXIST SANITARY LINE
 - 5 TELEPHONE CONDUITS MAY SHARE THE SAME TRENCH ROUTE IF INSTALLED PER PPL SPECS.
 - 6 CONNECT TO EXISTING ELEC/TELE SERVICE AT 4" CONCRETE CONDUIT 15' LBS
 - 7 PROPOSED 2" TYPE K COPPER DOMESTIC LINE
 - 8 PROPOSED 6" DIP FIRE LINE
 - 9 PROPOSED 3/4" CW TO DUMPSTER POST HYDRANT
 - 10 PROPOSED GAS LINE
 - 11 PROPOSED GAS METER
 - 12 CONNECT TO EXISTING GAS LINE
 - 13 PROPOSED 4" SCH 40 PVC CONDUIT
 - 14 PROP. 4" PVC SDR 35 KITCHEN WASTE LINE @ 2% MIN
 - 15 PROP. 4" PVC SDR 35 RESTROOM WASTE LINE @ 2% MIN
 - 16 PROPOSED 8" HDPE @ 1.0 % ROOF DRAIN (TYP.)
 - 17 PROPOSED 3" VENT LINE
 - 18 PROPOSED WO-WAY CLEAN-OUT (TYP.)
 - 19 CONNECT TO EXISTING WATER SERVICE
 - 20 PROPOSED TRANSFORMER
 - 21 PROPOSED ELECTRIC PANEL
 - 22 THREE (3) 4" PVC CONDUITS WITH PULL STRING FOR SECONDARY ELECTRIC SERVICE
TWO (2) 4" PVC CONDUITS WITH PULL STRINGS FOR TELEPHONE SERVICE
ONE (1) 2" PVC CONDUIT WITH PULL STRING FOR CABLE SERVICE
 - 23 PROPOSED CANOPY GAS LINE
 - 24 PROPOSED CANOPY ELECTRIC LINE
 - 25 PROPOSED ELECTRIC PANEL
 - 26 PROPOSED 4" PVC CANOPY DRAIN @ 1% (TYP.)
 - 27 PROPOSED 6' X 16' WATER VAULT
 - 28 PROPOSED GROUND RING BOUNDARY
 - 29 EXISTING SANITARY SEWER STUB. CONTRACTOR TO FIELD VERIFY LOCATION AND TIE-IN INVERT ELEVATION.
CONVERT EXISTING TYPE "C" INLET TOP WITH TYPE "H" INLET TOP
 - 30 LID OPENING/ACCESS PLATE TO FACE NORTH FOR TRANSFORMER FOUNDATION INSTALLATION.
 - 31

NOTE:
FOR QUESTIONS/COMMENTS PLEASE REACH OUT TO
JUSTIN THORNTON, P.E.
JUSTIN.THORNTON@COLLIERSENG.COM
MAIN: 412 618 5390
DIRECT: 412 752 7589
CELL: 845 661 0571

EXISTING	LEGEND	PROPOSED
12+00	TRaverse LINE, CENTER LINE OR BASELINE (LABEL AS SUCH)	13+00
	RIGHT OF WAY LINE	
FACE	PROPERTY LINE	FACE
BACK	EDGE OF PAVEMENT	BACK
	CURB	
	DEPRESSED CURB	
X-X	SIDEWALK	
	FENCES	
	TREELINE	
	ROADWAY SIGNS	
	WETLAND LINE	
	MUNICIPAL BOUNDARY LINE	
1	8" INLET	
2	6" INLET	
3	STORM MANHOLE	
4	SANITARY MANHOLE	
5	FLARED END SECTION	
6	HEADWALL	
7	HYDRANT	
8	POLE MOUNTED LIGHT	
9	CABLE TV CONDUIT	CATV
10	WATER MAIN	W
11	GAS MAIN	G
12	TELEPHONE CONDUIT	T
13	ELECTRIC CONDUIT	E
14	SANITARY PIPE	
15	STORM PIPE	



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7/7/22	4	PER CD SET	UK
6/1/22	3	PER TOWNSHIP COMMENTS	JT
4/9/22	2	PER TOWNSHIP COMMENTS	VRP
4/1/22	1	SITE LAYOUT ADJUSTMENTS	

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SITE LAYOUT

UTILITY PLAN

DWG EDITION 1.0

☐ Preliminary
☒ 80% Submittal
☐ For Construction

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PS 1