SITE CONSTRUCTION PLANS FOR:

BURGER KING
16130 NW U.S. HIGHWAY 441
ALACHUA, FLORIDA

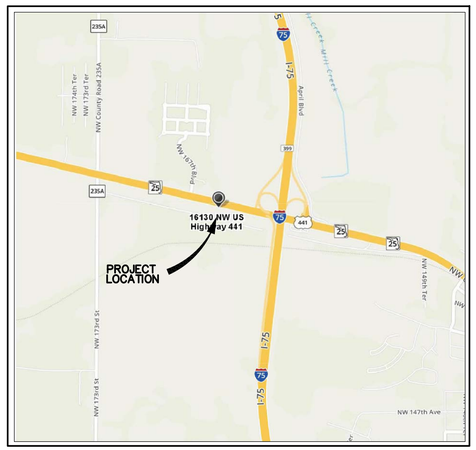
SECTION 9, TOWNSHIP 8 SOUTH, RANGE 18 EAST

LEGAL DESCRIPTION

A PARCEL OF LAND LYING IN SECTION 9, TOWNSHIP 8 SOUTH, RANGE 18 EAST, ALACHUA COUNTY, FLORIDA, BEING A PORTION OF THAT CERTAIN PARCEL DESCRIBED IN OFFICIAL RECORDS BOOK 4581, PAGE 880, OF THE PUBLIC RECORDS OF ALACHUA COUNTY, FLORIDA, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE SOUTHEAST CORNER OF SAID SECTION 9; THENCE N03°37'28"W, A DISTANCE OF 286.74 FEET TO THE NORTH RIGHT-OF-WAY LINE OF OLD STATE ROAD NO. 2 AND 25; THENCE N79°23'05"W, ALONG SAID NORTH RIGHT-OF-WAY LINE, A DISTANCE OF 2,126.09 FEET TO THE SOUTHEAST CORNER OF SAID PARCEL DESCRIBED IN OFFICIAL RECORDS BOOK 4581, PAGE 880 AND THE POINT OF BEGINNING; THENCE CONTINUE N79°23'05"W, ALONG SAID NORTH RIGHT-OF-WAY LINE AND THE SOUTH LINE OF SAID PARCEL, A DISTANCE OF 212.19 FEET; THENCE, DEPARTING SAID NORTH RIGHT-OF-WAY LINE AND SAID SOUTH LINE, N03°02'54"W, A DISTANCE OF 224.27 FEET TO THE SOUTH RIGHT-OF-WAY LINE OF U.S. HIGHWAY NO. 441 (MARTIN LUTHER KING BOULEVARD) AND THE NORTH LINE OF SAID PARCEL; THENCE S79°06'35"E, ALONG SAID SOUTH RIGHT-OF-WAY LINE AND THE NORTH LINE OF SAID PARCEL, A DISTANCE OF 266.21 FEET TO THE EAST LINE OF SAID PARCEL; THENCE, DEPARTING SAID SOUTH RIGHT-OF-WAY LINE AND SAID NORTH LINE, S10°53'25"W, ALONG SAID EAST LINE, A DISTANCE OF 216.65 FEET TO THE POINT OF BEGINNING.

CONTAINING 51,958 SQUARE FEET OR 1.193 ACRES, MORE OR LESS.



VICINITY MAP

INDEX OF DRAWINGS

SHEET NO.	TITLE
C01	COVER SHEET
C02	GENERAL NOTES
C03	EXISTING CONDITIONS & DEMOLITION PLAN
C04	HORIZONTAL CONTROL/STRIPING PLAN
C05	PAVING, GRADING & DRAINAGE PLAN
C05A	U.S. HIGHWAY 441 IMPROVEMENTS
C05B	CROSS SECTIONS
C06	UTILITY PLAN
C07	CIVIL DETAILS
C08	CIVIL DETAILS
C09	CIVIL DETAILS
C10	CIVIL DETAILS
C11	SWPPP PLAN
L-1	LANDSCAPE PLAN
L-2	IRRIGATION PLAN

PROJECT DATA TABLE

ADDRESS:	16130 NW U.S. HIGHWAY 441 ALACHUA, FLORIDA	
TOTAL SITE AREA:	51,958 S.F. or 1.193 ACRES	
EXISTING ZONING:	CI (COMMERCIAL INTENSIVE)	
PARCEL I.D. NUMBER:	03061-004-001	
NUMBER OF STORIES:	1-STORY	
BUILDING HEIGHT:	25 FEET	
PROP. FLOOR AREA RATIO (FAR):	0.03	
BUILDING SETBACKS:	FRONT	20 FEET
	SIDE	0 FEET
	REAR	15 FEET
BUILDING:		
CLASSIFICATION:	A2	
TYPE OF CONSTRUCTION:	VB	
MAXIMUM BUILDING HEIGHT	25' - 0"	
NUMBER OF STORIES:	1-STORY	
NUMBER OF SEATS:	70	
FLOOD ZONE CLASSIFICATION:	FLOOD ZONE "X" PER FLOOD INSURANCE RATE MAP, COMMUNITY NO. 120664, PANEL NO. 0120, SUFFIX D, EFFECTIVE 6/16/06.	
EXISTING IMPERVIOUS AREA:	40,837 SF	78.6%
PROPOSED IMPERVIOUS AREA:	32,783 SF	63.1%

EXISTING SITE AREA DESCRIPTION

DESCRIPTION	SQUARE FEET	PERCENTAGE
SIDEWALK	-	-
BUILDING	13,100	25.2
PAVEMENT	27,737	53.4
POND	2,224	4.3
OPEN SPACE	8,897	17.1
TOTAL	51,958	100

PROPOSED SITE AREA DESCRIPTION

DESCRIPTION	SQUARE FEET	PERCENTAGE
SIDEWALK	1,374	2.6
BUILDING	3,349	6.5
PAVEMENT	28,060	54.0
POND	4,737	9.1
OPEN SPACE	14,438	27.8
TOTAL	51,958	100

PARKING REQUIRED: 22 SPACES (1 SPA. PER 150 S.F.) (3,349 S.F.)
PARKING PROVIDED: 32 SPACES INCLUDING 2 HANDICAP SPACES

UTILITY PROVIDERS:

WATER
CITY OF ALACHUA
RODOLFO VALLADARES
15100 NW 142ND TERRACE
ALACHUA, FL. 32615
386-418-6140

SEWER
CITY OF ALACHUA
RODOLFO VALLADARES
15100 NW 142ND TERRACE
ALACHUA, FL. 32615
386-418-6140

GAS
GAINESVILLE REGIONAL UTILITIES GAS
MIKE CHAPPELL
P.O. BOX 147117 STATION #A105
GAINESVILLE, FL. 32614-7118
352-393-6923

TELEPHONE
WINDSTREAM COMMUNICATIONS
-
929 MARTHAS WAY
HIAWATHA, IA. 52233
800-289-1901

ELECTRIC
CITY OF ALACHUA
RODOLFO VALLADARES
15100 NW 142ND TERRACE
ALACHUA, FL. 32615
386-418-6140

CABLE
COX CABLE-ALACHUA
MICHELLE OSBORNE
4040 NE 49TH AVENUE
GAINESVILLE, FL. 32609
478-314-3577

Call 48 hours before you dig 1-800-432-4770
Sunshine State One Call of Florida, Inc.

GOVERNING SPECIFICATIONS: STATE OF FLORIDA DEPT. OF TRANSPORTATION, STANDARD SPECIFICATIONS, LATEST EDITION

CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE CITY OF CITY OF ALACHUA STANDARDS AND SPECIFICATIONS.

CIVIL ENGINEER
MPH CIVIL CONSULTANTS, INC.
MPH Civil Consultants, Inc.
Civil Engineering Services
P.O. Box 1121 Odessa, FL 33556
813.731.0052
duane@mphcivil.com : www.mphcivil.com

FLORIDA CA NO. 30727

OWNER:
BRAVOFLORIDA, LLC.
3018 U.S. Highway 301 N.
Suite 100
Tampa, Florida, 33619
813-559-8256
Email: rkendall@qdi.com

PROJECT NO. ALACHUA
DATE: 12.20.19
REVISED: 2.18.2020

CONSTRUCTION SURFACE WATER MANAGEMENT PLAN

The following notes have been been developed for the Contractor's use in generating a Stormwater Pollution Prevention Plan in accordance with the Florida Department of Environmental Protection's (FDEP) Generic Permit For Stormwater Discharge from large and small Construction Activities. The aforementioned Construction General Permit (CGP) constitutes authorization to discharge stormwater associated with industrial activity to surface waters under the EPA's "National Pollutant Discharge Elimination System" (NPDES).

The following entities are identified as team members of SWPPP: The Developer as identified on the cover sheet of these plans, and the site contractor and his subcontractors. Each team member has specific responsibilities and obligations. In general, all team members, with regard to their involvement and responsibilities on the project, are to implement all necessary stormwater management controls to assure compliance with the CGP, the Suwannee River Water Management District Permit and the guidelines listed in the SWPPP. The duties and responsibilities of the team members as they pertain to the SWPPP are as follows:

Developer

A. Submit and obtain the necessary design–related stormwater permits from the Florida Department of Environmental Protection, the Suwannee River Florida Water Management District and other applicable governmental bodies.

B. Submit to SRWMD and the operator of the municipal separate stormwater system, if applicable, a copy of the Notice of Intent.

Contractor

A. Upon notification by the developer of his intent to commence construction, submit a Notice of Intent to the Department of Environmental Protection on behalf of the developer, along with the Certification of the Stormwater Pollution Prevention Plan. Also, submit the SRWMD permit number or completeness letter if the permit number is not yet available. This submittal will be made no later than 48 hours prior to beginning of construction.

B. Develop Stormwater Pollution Prevention Plan (SWPPP including, but not limited to, retention/detention ponds, control structures, erosion control methods and locations and stabilization criteria). This design is depicted within these construction plans and the following notes and instructions.

C. During construction, assure compliance with the designed Stormwater Pollution Prevention Plans and the FDEP Generic Permit For Stormwater Discharge From Construction Activities That Disturb Five or More Acres of Land.

D. Maintain a copy of the construction plans, which include the Stormwater Pollution Prevention Plan, the NOI and all inspection reports and certifications on site.

E. Undertake all reasonable Best Management Practices (BMPs) to assure that silted or otherwise polluted stormwater is not allowed to discharge from the site during all phases of construction. Stabilization BMP's that may be used include: temporary or permanent seeding, mulching, geotextiles, sodding, vegetative buffer strips, protection of trees and preservation of mature vegetation. Structural erosion and sediment control BMP's that may be used include: straw bale dikes, silt fences, earth dikes, brush barriers, drainage swales, check dams, subsurface drain, pipe slope drain, level spreaders, storm drain inlet protection, outlet protection, sediment traps, and temporary sediment basins. Detention ponds shall be used as temporary sediment basins. Additional BMP's that may need to be implemented include: Provide protected storage areas for chemicals, paints, solvents, fertilizers, and other potentially toxic materials; Providing waste receptacles at convenient locations and provide regular collection of wastes, including building material wastes; Minimizing off–site tracking of sediments; Making adequate preparations, including training and equipment to contain spills of oil and hazardous materials; Complying with applicable state or local waste disposal, sanitary sewer or septic system regulations and the use of appropriate pollution prevention measures for allowable non–storm water components of discharge.

F. Notify the developer in writing of any non–storm water pollution sources which are being stored, or otherwise used during the construction of the project, i.e., fertilizers, fuels, pesticides, other chemicals. This notification should be accompanied with the contractor's design and methods to prevent pollution run–off from these sources.

G. Develop a maintenance and inspection plan which includes, but is not limited to the following:

1. The specific areas to be inspected and maintained that includes all the disturbed areas and material storage areas of the site.
2. The erosion and sediment controls identified in the SWPPP to be maintained and inspected and those additional controls which the contractor deems necessary.
3. Maintenance procedures.
4. The procedure to follow if additional work is required or whom to call.
5. Inspections and maintenance forms.
6. The personnel assigned to each task.

H. Complete and submit a Notice of Termination. The NOT shall be submitted no more than 14 days after completion of the project and final stabilization of the site. Final stabilization as defined by FDEP is when all soil disturbing activities at the site have been completed and uniform (e.g. evenly distributed, without large bare areas) perennial vegetative cover with a density of 70 % of the native background vegetative cover for the area has been established on all unpaved areas and areas not covered by permanent structures. As an alternative, equivalent permanent stabilization measures (such as rip rap, gabions, or geotextiles) may be employed. The contractor shall notify the Engineer and developer when this criteria is met.

H. The following shall be inspected a minimum of once a week or within 24 hours after 0.25 inches of rainfall:

1. Stabilization measures (once a month if fully stabilized).
2. Structural controls.
3. Discharge points.
4. Construction entrances and exits.
5. Areas used for storage of exposed materials.

I. An inspection form shall be completed for each inspection. Any permit violations should be noted and corrective measures to be taken shall be noted. If revisions to the SWPPP are needed, a report form for changes in the SWPPP shall be completed and a copy sent to the developer. The original shall be kept on–site as documentation of the change. If the inspection passes, a certification that the facility is in compliance with the SWPPP and the Generic Permit must be signed by one of the following:

1. The principal executive officer or ranking elected official of the operator of the SWPPP.
2. A duly authorized representative of the principal executive official of the operator of the SWPPP.

J. Retain inspection reports and certifications for at least three years.

K. Initiate site stabilization measures no more than 14 days after construction activities have temporarily or permanently ceased on any major portion of the site except when construction will resume within 21 days.

L. Sign and submit to to the developer certification that construction and final stabilization as defined under Part E of the developer section of the SWPPP has been completed.

M. The contractor is responsible for implementation of each measure identified in the SWPPP and shall provide documentation certifying that before conducting any professional service identified in the SWPPP: That under penalty of law that I understand the terms and conditions of the generic stormwater permit issued pursuant to Section 403.0885, F.S., that authorizes the stormwater discharges associated with industrial activity from the construction site identified as part of this certification.

STORMWATER OPERATIONS AND MAINTENANCE INSTRUCTIONS:

OPERATION: BURGER KING IS RESPONSIBLE FOR O&M

MAINTENANCE:

Pipes and Inlets

Maintenance of the system shall consist of the following:
The structures of the system consist of inlets with grated covers and interconnected storm drain piping system. Periodic inspection inspection of these items shall consist of removing the grated covers and checking and removing for trash or debris that may have accumulated inside the structure restricting the flow necessary to the function of the system.
The bottom of the inlets shall be vacuumed out on a yearly basis.

Pond and Swales

The swales and pond shall be sodded and shall be mowed on a regular basis and cleaned of any debris.

WATER & SEWER CROSSINGS & PARALLEL INSTALLATION NOTES:

New or relocated, underground water mains shall be laid to provide a horizontal distance of at least six feet, and preferably ten feet, between the outside of the water main and the outside of any existing or proposed gravity– or pressure–type sanitary sewer, wastewater force main, or pipeline conveying reclaimed water not regulated under Part III of Chapter 62–610, F.A.C. The minimum horizontal separation distance between water mains and gravity–type sanitary sewers shall be reduced to three feet where the bottom of the water main is laid at least six inches above the top of the sewer. New or relocated, underground water mains crossing any existing or proposed gravity– or vacuum–type sanitary sewer shall be laid so the outside of the water main is at least six inches, and preferably 12 inches, above or at least 12 inches below the outside of the other pipeline. However, it is preferable to lay the water main above the other pipeline.

At the utility crossings described above, one full length of water main pipe shall be centered above or below the other pipeline so the water main joints will be as far as possible from the other pipeline. Alternatively, at such crossings, the pipes shall be arranged so that all water main joints are at least three feet from all joints in vacuum–type sanitary sewers, or pipelines conveying reclaimed water regulated under Part III of Chapter 62–610, F.A.C., and at least six feet from all joints in gravity– or pressure–type sanitary sewers, wastewater force mains, or pipelines conveying reclaimed water not regulated under Part III of Chapter 62–610, F.A.C.

LOCATION OF PUBLIC WATER SYSTEM MAINS IN ACCORDANCE WITH F.A.C. RULE 62-555.314

Other Pipe	Horizontal Separation	Crossings (1)	Joint Spacing @ Crossings (Full Joint Centered)
Storm Sewer, Stormwater Force Main, Reclaimed Water (2)	Water Main 3 ft. minimum	Water Main 12 inches is the minimum, except for storm sewer, then 6 inches is the minimum and 12 inches is preferred	Alternate 3 ft. minimum Water Main
Vacuum Sanitary Sewer	Water Main 10 ft. preferred 3 ft. minimum	Water Main 12 inches preferred 6 inches minimum	Alternate 3 ft. minimum Water Main
Gravity or Pressure, Sanitary Sewer, Sanitary Sewer Force Main, Reclaimed Water (4)	Water Main 10 ft. preferred 6 ft. minimum (3)	Water Main 12 inches is the minimum, except for gravity sewer, then 6 inches is the minimum and 12 inches is preferred	Alternate 6 ft. minimum Water Main
On-Site Sewage Treatment & Disposal System	10 ft. minimum	---	---

(1) Water main should cross above other pipe. When water main must be below other pipe, the minimum separation is 12 inches.
(2) Reclaimed water regulated under Part III of Chapter 62-610, F.A.C.
(3) 3 ft. for gravity sanitary sewer where the bottom of the water main is laid at least 6 inches above the top of the gravity sanitary sewer.
(4) Reclaimed water not regulated under Part III of Chapter 62-610, F.A.C.
Disclaimer:This document is provided for your convenience only. Please refer to F.A.C. Rule 62-555.314 for additional construction requirements.

All work performed within the FDOT R/W shall conform to:

1. FDOT Standard Specifications (2019–20 Edition) for Standard Plans and Florida Design Manual (FDM)
2. FDOT Design Standards for Design, Construction, Maintenance and Operations on the State Highway System, Current Edition, (a.k.a. Standard Index). Compliance with all applicable indices required.
3. Florida Department of Transportation Roadway Plans Preparation Manual, Volume 1, Chapters 2 and 25. (Current Edition).
4. Florida Department of Transportation Flexible Pavement Design Manual for New Construction and Pavement Rehabilition, Current Edition.
5. All traffic strpes and markings are to be lead free, non solvent based thermoplastic. The permittee shall furnish the Department with the manufacturer's certification that the thermoplastic is "lead free".
6. No lane closures are allowed between 6:00 A.M. and 9:00 A.M., and 4:00 P.M. and 7:00 P.M. The FDOT reserves the right to require different hours of lane closure. This should be night time work. All lane closures must be approved by the department at least two weeks prior to the lane closure in accordance with the District Lane Closure Policy.
7. The permit plans shall be signed and sealed by a Professional Engineer registered in the State of Florida. The permittee's Engineer of Record (EOR) is responsible for the technical accuracy of the design plans. The EOR is responsible for any errors or omissions in the plans submitted for permitting.
8. All work within the FDOT R/W must meet criteria shown in the FDOT Design Manual (FDM), FDOT Standard Plans, and FDOT Standard Specifications for Road and Bridge Construction. Design values and design criteria from the FDM that is not attained will require a Design Variation from the DISTRICT DESIGN ENGINEER. Design values and design criteria from the AASHTO (Policy on Geometric Design of Highways and Streets) that is not attained will require a Design Exception from the STATE ENGINEER.

REFERENCED SPECIFICATIONS (LATEST EDITIONS):

1. Florida Department of Transportation Standard Specifications 2019–20
2. City of Alachua Land Development Regulations.
3. F.D.E.P. requirements and standards for water and wastewater construction and testing.
4. City of Alachua Department of Public Services, Design and Construction Manual, Public Utilities, 2020.

GENERAL NOTES:

1. The property shown hereon appears to lie in Flood Zone "X", according to the Flood Insurance Rate Map, Community Number 120664, Panel Number 0120, Suffix D. Effective 6/16/2006.
2. Boundary & Topographic survey used for design purposes was provided by EBI Surveying dated 11/5/2019.
3. The location of existing utilities were obtained from the best available resources. The contractor shall verify the locations when commencing that portion of the work. The contractor shall notify all concerned public agencies and Utility companies in the area before beginning construction, including "Sunshine" at 1–800–432–4770.
4. Prior to beginning work, the contractor shall expose all existing utility points of connection and utility crossings. Any conflicts shall be brought to the engineer's attention for resolution.
5. The contractor is to exercise extreme caution in the vicinity of trees to remain and is responsible for any damage resulting from his work.
6. All roadway spot elevations refer to pavement or edge of pavement elevations, unless otherwise shown.
7. Prior to casting structures, the contractor shall submit five (5) sets of shop drawings to the Engineer for review. Shop drawings (as applicable) shall include:
   a) Dip/pvc certificate of manufacture.
   b) Manhole shop drawings and strength report.
   c) Frame and cover shop drawings.
   d) Flexible coupling shop drawings.
   e) Crushed stone submittal.
   f) Valve shop drawing.
   g) Double detector check valve assembly details
   h) Backflow preventor details
   i) Manhole drop connection details.
   j) Storm structures and piping
   k) Paving data
8. All design and construction must conform to the minimum standards set forth in the City of Alachua Land Development Code.
9. The contractor shall keep record drawings of the work and shall submit one certified copy, prepared by a registered land surveyor to the engineer prior to Certificate of Occupancy. As–builts for the stormwater management, water, fire, & sanitary systems shall be performed in accordance with the City of Alachua, F.D.O.T. and the SRWMD.
10. Construction material testing will be provided by the contractor.
11. Contractor to notify the City of Alachua Public Services Department at least 48 hours in advance of utility installation.
12. Parking spaces shall be delineated with 6–inch white stripes. Handicap spaces per details, stop bars (24" wide). All pavement markings shall be in accordance with MUTCD standards.
13. All right–of–way installations will be in accordance with practices referenced in the State of Florida Utilities Accommodations Manual.
14. Utility installations involving concrete and asphalt driveway, in good condition must be accomplished by open cut, jack and bore or pushing. No jetting will be allowed.
15. All existing traffic signs shall be maintained throughout construction.
16. Material quality and workmanship shall be in accordance with current FDOT specifications as modified by Section 7–3.1.
17. All improvements shall comply with the City of Alachua Land Development regulations, such as Tree and Landscape Code, Stormwater Management Regulations and Fire Codes applicable to the project at time of permitting.
18. Water service provided by the City of Alachua.
19. Sanitary Sewer service provided by the City of Alachua.
20. Electric Service provided by the City of Alachua.
21. Prior to any construction/demolition, contractor shall schedule a pre construction meeting with utility providers, City of Alachua, F.D.O.T. and shall coordinate meeting with owner.
22. The contractor shall reconstruct the bench in the existing manholes to accommodate the new connections.
23. The certificate of occupancy will not be issued until the following has been completed:
   a) Final inspection in conjunction with County personnel completed.
   b) Certified As–builts have been submitted and accepted.
   c) All necessary testing completed and certified.
   d) Payment of all capacity/impact fees.
   e) Issuance of F.D.E.P. certification of completion approval (if applicable).

SIGNING AND STRIPING NOTES:

1. Signing and striping notes refer to the latest version of the City of Alachua Standard Specifications and shall comply with these standards.
2. All existing signing that conflicts with proposed signing shall be removed.
3. All signs shall be standard size unless otherwise noted.
4. All parking restriction signs shall have engineering grade reflective sheeting. All other signs shall have diamond grade reflective sheeting.
5. New signs shall be installed on street light poles or 2" diameter tubular galvanized steel posts with vandal–resistant hardware. the posts shall be set in concrete. One or more sign panels mounted on a single sign post or street light pole shall be counted as one roadside sign installation unless otherwise noted.
6. Signs shall be mounted so that the bottom of the sign is at least seven feet from the finished grade in areas where pedrians may be present, even if there is no sidewalk. To satisfy this requirement, existing post may have to be replaced if additional signs are added.
7. Where possible, at least two feet of clearance should be provided from curb face to edge of sign.
8. All striping and markings shall be reflectorized unless otherwise directed.
9. All existing striping and markings that conflict with proposed striping and markings will be removed by milling or sandblasting of pavement.
10. Blue reflective pavement markers shall be placed across from all fire hydrants.
11. All traffic control signs and pavement markings shall comply with the manual of uniform traffic control devices.

STORM SEWER NOTES:

1. Pipe measurements are to center of structure.
2. Storm piping shall be ADS N–12 or RCP Class III.
3. All installations, shall be in accordance with the City of Alachua standards, FDOT standard indices and specifications. (Unless noted otherwise)

EARTHWORK NOTES:

1. The contractor shall install silt fence and tree barricades as shown on construction plans. City of Alachua should be contacted to inspect silt fence and tree barricades prior to commencement of earthwork operations.
2. Upon issuance of Clearing Permit, contractor shall remove and dispose of trees called for such on plans. All existing improvements, ground vegetation and topsoil within the limits of construction shall be removed. Any unsuitable material encountered shall be removed to the satisfaction of the geotechnical engineer. All clean topsoil removed from the building and pavement areas shall be stockpiled and used later in landscaped areas. All organic soils/debris should be removed.
3. After clearing operations, the exposed subgrade should be evaluated and proof rolled as directed by the geotechnical engineer. Proof rolling shall consist of compaction with a large–diameter, heavy vibratory drum roller. Observation should be made to identify any areas of yielding soils that may require over excavation and replacement, as determined by the geotechnical engineer.
4. Contractor shall remove and dispose of buried debris and replace with structural fill material. The Geotechnical Reports recommendation shall become part of the contract documents.
5. Contractor shall backfill all Landscape Areas with Clean Soils.

Consultant:
MPH CIVIL CONSULTANTS INC.
MPH Civil Consultants, Inc.
Civil Engineering Services
P.O. Box 1121 Odessa, FL 33556
813.731.0052
diane@mphcivil.com : www.mphcivil.com
FLORIDA CA NO. 30727

H. Duane Milford, P.E. No. 42657
FLORIDA PROFESSIONAL ENGINEER No.

Developer:
BRAVOFLORIDA, LLC.
3018 U.S. HIGHWAY 301 N.
SUITE NO. 100
TAMPA, FL. 33619
(813) 374.8848

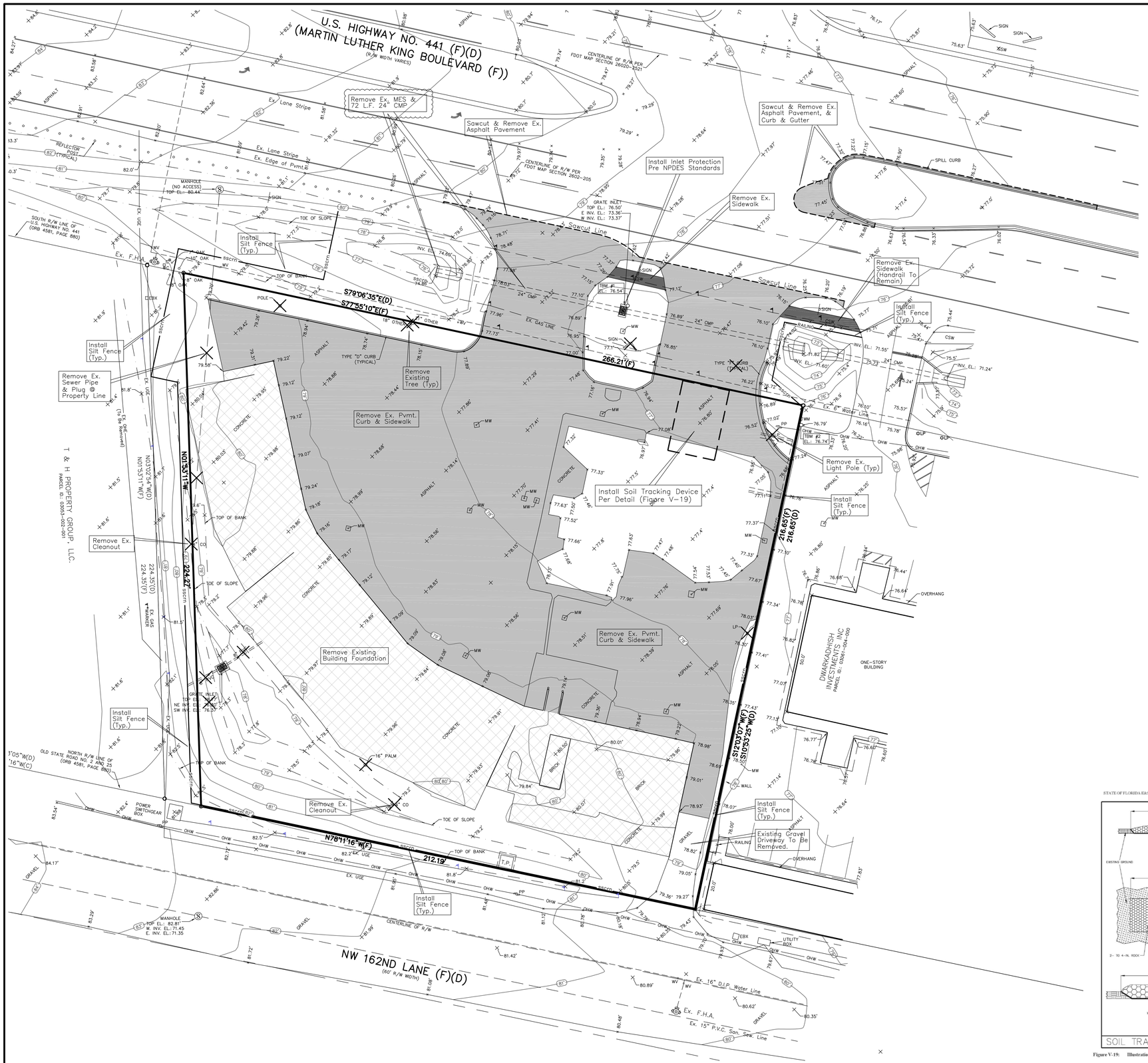
REVISIONS

No.	DESCRIPTION	DATE	BY
1.	Revised Per City Comments	2.19.20	RK
2.			

GENERAL NOTES

BURGER KING
16130 NW U.S. HIGHWAY 441
CITY OF ALACHUA, FLORIDA

SCALE: NTS
DATE: 12.20.19
CAD FILE: C02–GN
JOB NUMBER: ALACHUA COUNTY
SHEET C02



GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

1 inch = 20 ft.

DEMOLITION LEGEND

- EXIST. TREE TO BE REMOVED
- IMPROVEMENT TO BE REMOVED
- SSCRN — SILT SCREEN
- SAWCUT LINE
- +28.5 — EX. ELEVATION POINT
- EX. PAVEMENT TO BE REMOVED
- EX. BUILDING TO BE REMOVED
- EX. SIDEWALK TO BE REMOVED
- NPDES INLET PROTECTION

EXISTING LEGEND

ABBREVIATIONS

AC	AIR CONDITIONER	ID	IDENTIFICATION
(C)	CALCULATED MEASUREMENT	LB	LICENSED BUSINESS NUMBER
CO	CLEAN OUT	LP	LIGHT POLE
CONC	CONCRETE	LS	LICENSED SURVEYOR
CSW	CONCRETE SIDEWALK	MW	MONITORING WELL
(D)	DEED MEASUREMENT - CALL	NAVD	NORTH AMERICAN VERTICAL DATUM
(F)	FIELD MEASUREMENT	NGVD	NATIONAL GEODETIC VERTICAL DATUM
EBX	ELECTRIC BOX	OHW	OVERHEAD WIRE
EL.	ELEVATION	ORB	OFFICIAL RECORDS BOOK
EM	ELECTRIC METER	(P)	PLAT MEASUREMENT - CALL
FCM	FOUND CONCRETE MONUMENT	PP	POWER POLE
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION	PRM	PERMANENT REFERENCE MONUMENT
		PSM	PROFESSIONAL SURVEYOR & MAPPER
F.F.	FINISHED FLOOR	R/W	RIGHT-OF-WAY
FIP	FOUND IRON PIPE	SCIR	SET CAPPED IRON ROD
FICR	FOUND CAPPED IRON ROD	SND	SET NAIL AND DISK
FIR	FOUND IRON ROD	SV	SEWER VALVE
FND	FOUND NAIL AND DISK	TBM	TEMPORARY BENCHMARK
FPP	FOUND PINCHED PIPE	WM	WATER METER
INV.	INVERT	WV	WATER VALVE

SYMBOLS

- BACKFLOW PREVENTION DEVICE
- CABLE RISER
- GRATE INLET
- SANITARY SEWER STRUCTURE
- SPOT ELEVATION
- STORM STRUCTURE
- TELEPHONE PEDESTAL
- TRAFFIC SIGNAL JUNCTION BOX
- TRAFFIC SIGNAL POLE (UNLESS OTHERWISE DESIGNATED)
- FIRE HYDRANT
- SIGN
- BOLLARD
- TREE LOCATION (SIZE AND TYPE AS NOTED)
- UTILITY FLAG ELECTRIC
- UTILITY FLAG COMMUNICATIONS
- UTILITY FLAG GAS
- UTILITY FLAG RECLAIMED WATER
- UTILITY FLAG SANITARY/STORM SEWER
- UTILITY FLAG WATER
- WOOD FENCE
- METAL FENCE
- PVC FENCE

BENCHMARKS:

CONTROL BENCHMARK:
STATION IS A SET CONCRETE MONUMENT WITH FDOT BRASS DISK STAMPED BM1 26020318, RT C/L, FROM THE INTERSECTION OF SR25 & I-75, PROCEED NORTH ON SR 25 .42 MILES TO THE MARK ON THE RIGHT.

EL.: 89.45' (NAVD88)

TBM #1:
STATION IS A NAIL AND DISK STAMPED "EBI LB-7652" LOCATED 84.9' NORTHWEST OF THE NORTHEAST CORNER OF SUBJECT PARCEL.

EL.: 76.54' (NAVD88)

TBM #2:
STATION IS A NAIL AND DISK STAMPED "EBI LB-7652" LOCATED 8.24' SOUTHEAST OF THE NORTHEAST CORNER OF SUBJECT PARCEL.

EL.: 76.74' (NAVD88)

DEMOLITION NOTES:

1. ALL DEMOLITION SHALL MEET CITY OF ALACHUA AND F.D.O.T. SPECIFICATIONS AT A MINIMUM.
2. FILTER FABRIC SHALL BE INSTALLED WITHIN INLETS WHERE APPLICABLE.
3. SILT FENCE SHALL BE INSTALLED PRIOR CONSTRUCTION AND REMAIN INTACT THROUGHOUT CONSTRUCTION.
4. CONTRACTOR SHALL COORDINATE WITH UTILITY PROVIDERS FOR THE LOCATION OF THAT UTILITY AND ITS REMOVAL OR RELOCATION.
5. CONTRACTOR WILL RESTORE ALL ROAD SIGNAGE DISTURBED BY DEMOLITION.
6. THE SITE SHALL UTILIZE A SOIL TRACKING PREVENTION DEVICE IN ACCORDANCE WITH FIGURE V-19 OF THE FLORIDA EROSION AND SEDIMENT CONTROL MANUAL.
7. ALL EXISTING IMPROVEMENTS SHALL BE DEMOLISHED AND REMOVED FROM THE SITE.
8. ONSITE MONITORING WELLS TO BE ABANDONED AND NEW MONITORING WELL TO BE INSTALLED BY AHS–GEAR, LLC AS PART OF THE REMEDIAL ACTION PLAN. REFERENCE FAC ID#01/8500183.

STATE OF FLORIDA E&SC DESIGNER & REVIEWER MANUAL; LATEST EDITION: JULY 2013

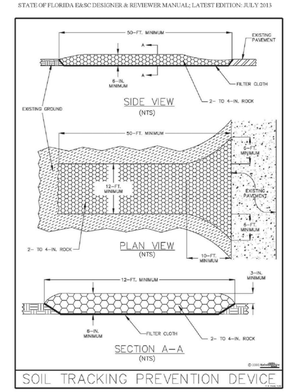


Figure V-19: Illustration of a Soil Tracking Prevention Device

STATE OF FLORIDA E&SC DESIGNER & REVIEWER MANUAL; LATEST EDITION: JULY 2013

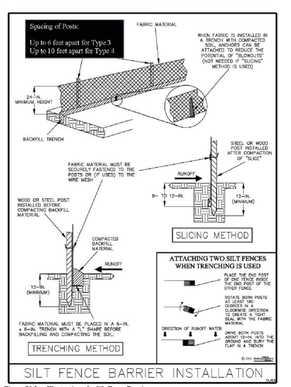


Figure V-2: Illustration of a Silt Fence Barrier

Permission is given for FDEP Clearinghouse Review purposes only. Any other reproduction is not allowed.

Consultant:
MPH
CIVIL CONSULTANTS, INC.
MPH Civil Consultants, Inc.
4744 Sunbeam Road, Suite 1
P.O. Box 1121 Odessa, FL 33556
813.731.0052
duane@mphcivil.com : www.mphcivil.com
FLORIDA CA NO. 30727
H. Duane Milford, P.E. No. 42657
FLORIDA PROFESSIONAL ENGINEER No.

Developer:
BRAVOFLORIDA, LLC.
3018 U.S. HIGHWAY 301 N.
SUITE NO. 100
TAMPA, FL. 33619
(813) 374.8848

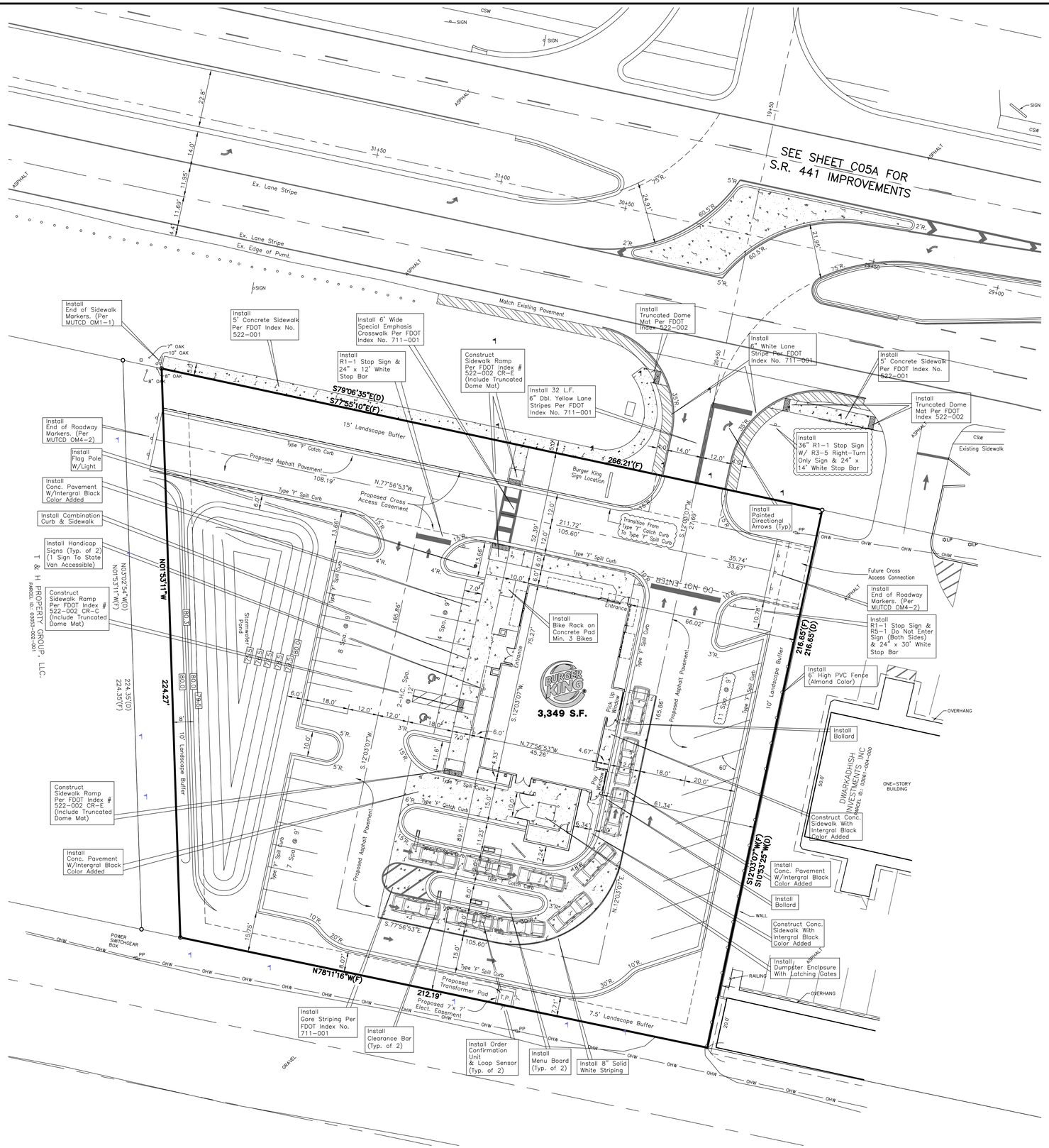
REVISIONS

No.	Description	Date	By
1.	Revised Per DEP Comments	2.25.20	RK
2.	Revised Per FDOT Comments	3.11.20	RK

EXISTING CONDITIONS & DEMOLITION PLAN

BURGER KING
16130 NW U.S. HIGHWAY 441
CITY OF ALACHUA, FLORIDA

SCALE: 1"=20'
DATE: 12.20.19
CAD FILE: C03–EC
JOB NUMBER: ALACHUA COUNTY
SHEET: **C03**



GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

1 inch = 20 ft.

HORIZONTAL CONTROL NOTES:

1. ALL DIMENSIONS ARE TO FACE OF CURB OR FACE OF BUILDING UNLESS SHOWN OTHERWISE.
2. REFER TO LANDSCAPE PLAN FOR LANDSCAPE DESIGN.
3. CONTRACTOR TO INSTALL TRUNCATED DOMES AT EACH SIDE OF CROSSWALK, WHERE SIDEWALK MEETS DRIVE.
4. REFER TO ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS.
5. ALL SIGNAGE AND STRIPING SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDT.) & FDOT STANDARDS.
6. ALL SIGNS SHALL BE PERMITTED SEPARATELY THROUGH THE CITY OF ALACHUA.
7. ALL STANDARD PARKING SPACES SHALL BE 9'x 18' (UNLESS SHOWN OTHERWISE). ALL DISABLED PARKING SPACES SHALL BE 12'x 18'.
8. DUMPSTER ENCLOSURE MATERIALS SHALL MATCH THOSE OF THE PRINCIPAL STRUCTURE. MINIMUM HEIGHT SHALL BE 6 FEET. LATCHING GATES BE PROVIDED. REFER TO ARCH PLANS FOR DETAILS.
9. ALL EROSION & SEDIMENT CONTROL WITHIN R/W SHALL CONFORM TO FDOT INDICES.
10. CONSTRUCT SIDEWALK AND RAMPS IN ACCORDANCE TO FDOT INDEX 522-002 AND IN COMPLIANCE WITH ADA STANDARDS.
11. CONTRACTOR IS TO SOD ALL DISTURBED PORTIONS OF THE R/W WITH BAHIA SOD.
12. ANY SIDEWALK DAMAGED DURING CONSTRUCTION SHALL BE REPLACED TO THE NEAREST JOINT.
13. SAWCUT EXISTING ASPHALT PRIOR TO REMOVAL OF ANY MATERIAL.
14. ALL MAINTENANCE OF TRAFFIC SHALL CONFORM TO FDOT INDEX 102-600. NO LANE CLOSURES WILL BE ALLOWED UNLESS OTHERWISE AUTHORIZED BY FDOT.
15. ALL WORK WITHIN FDOT R/W SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS AND DESIGN STANDARDS (LATEST EDITIONS):
    - THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (A.K.A. STANDARD SPECS)
    - FDOT DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE AND OPERATIONS ON THE STATE HIGHWAY SYSTEM (INDEX REFERENCES ARE TO FDOT STANDARD PLANS FOR ROAD CONSTRUCTION). COMPLIANCE WITH ALL APPLICABLE INDICES IS REQUIRED.
    - ROADWAY AND TRAFFIC DESIGN STANDARDS
    - FDOT ROADWAY PLANS PREPARATION MANUAL, VOLUME 1, CHAPTER 2 AND 25
    - FDOT FLEXIBLE PAVEMENT DESIGN MANUAL FOR NEW CONSTRUCTION AND PAVEMENT REHABILITATION
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING PUBLIC ROADWAY, CURBS, GUTTERS, SIDEWALK, DRAINAGE SYSTEM, AND UTILITIES AS A DIRECT RESULT OF NEW CONSTRUCTION.
17. THE SITE DRAINAGE AND CONSTRUCTION IMPROVEMENTS SHALL NOT ADVERSELY IMPACT ADJOINING PROPERTIES AND/OR ROADWAYS.
18. ACCESS SHALL BE PROVIDED DURING CONSTRUCTION OF BUILDING BY AN UNOBSTRUCTED 20FT WIDE ALL WEATHER DRIVING SURFACE CAPABLE OF SUPPORTING A 32 TON EMERGENCY VEHICLE. THE DRIVING SURFACE SHALL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION.
19. ALL MECHANICAL EQUIPMENT SHALL BE LOCATED ON THE ROOF AND SCREENED FROM PUBLIC VIEW.

H. Duane Milford, P.E. No. 42657
FLORIDA PROFESSIONAL ENGINEER No.

Consultant:
CIVIL CONSULTANTS, INC.
MPH Civil Consultants, Inc.
Civil Engineering Services
P.O. Box 1121 Odessa, FL 33556
813.731.0052
duane@mphcivil.com : www.mphcivil.com
FLORIDA CA NO. 30727

Developer:
BRAVOFLORIDA, LLC.
3018 U.S. HIGHWAY 301 N.
SUITE NO. 100
TAMPA, FL. 33619
(813) 374.8848

REVISIONS

No.	DESCRIPTION	DATE	BY
1.	Rev. Per City Comments	2.24.20	RK
2.	Rev. Per FDOT Comments	3.10.20	TG
3.	Rev. Per City Comments	3.11.20	RK

HORIZONTAL CONTROL & STRIPING PLAN

BURGER KING
16130 NW U.S. HIGHWAY 441
CITY OF ALACHUA, FLORIDA

SCALE: 1"=20' | DATE: 12.20.19

CAD FILE: C04-HC

JOB NUMBER: ALACHUA COUNTY

SHEET C04

U.S. HIGHWAY NO. 441 (F)(D)
(MARTIN LUTHER KING BOULEVARD (F))
(R/W WIDTH VARIES)

NW 162ND LANE (F)(D)
(60' R/W WIDTH)

Install (ST-5) Type 'C' Inlet w/Type 9 Top (F.D.O.T. Index No. 425-024) E.P. = 79.55 I.E. = 76.34(SW) I.E. = 76.34(SE)

Install (ST-10)24" M.E.S. (F.D.O.T. Index No. 430-022) @ I.E. = 76.90

Install (ST-8) 18" M.E.S. (F.D.O.T. Index No. 430-021) @ I.E. = 76.90

Install (ST-7) Control Structure Type 'C' Inlet Top = 79.80 3" Weir EL.=78.00 I.E. = 77.10(NE&W)

Install Concrete Monolithic Wingwalls And Splash Pad at 4:1 Slope From Control Structure to EL. 76.50. See Detail Below.

Install (ST-9) Type 'C' Inlet Top = 79.00 24" Weir EL.=78.60(S) I.E. = 77.30(E)

Install (ST-4) 15" M.E.S. @ I.E. = 76.23 To Include Conc. Rip-Rap

Install (ST-3) 15" M.E.S. @ I.E. = 76.20 To Include Conc. Rip-Rap

Stormwater Pond T.O.B.= 80.30 DHWse=79.78 DLW = 78.00 BTTM. = 75.50

Install (ST-2) Type 'C' Inlet Top = 79.50 I.E. = 76.34(NW) I.E. = 76.34(SE)

Install (ST-1) Type 'C' Inlet Top = 79.50 I.E. = 76.50(NW) I.E. = 77.00(NE)

Install (ST-6) Type 'C' Inlet Top = 79.64 I.E. = 76.50(NW)

Connect To Ex. Inlet @ I.E.= 73.37

GRATE INLET TOP EL.: 76.50' E INV. EL.: 73.36' W INV. EL.: 73.37'

Install 91 L.F. 18" RCP Pipe @ 0.22%

Install 13 L.F. 12" ADS Pipe @ 1.54%

Install 69 L.F. 15" ADS Pipe @ 0.16%

Install 21 L.F. 24" ADS Pipe @ 1.67%

Install 106 L.F. 15" ADS Pipe @ 0.15%

Install 15 L.F. 8" H.D.P.E. Pipe @ 1.00%

Install 79 L.F. 8" H.D.P.E. Pipe @ 1.35%

Install 8" C.O. & Plug @ I.E.= 78.34 Conn. To Roof Downspout

Install C.O. @ I.E. 78.19

S79°06'35"E(D)
S77°55'10"E(F)
266.21'(F)

N01°55'11"W(D)
N01°52'54"W(F)
224.35'(D)
224.27'(F)

N78°11'16"W(F)
212.19'

S12°03'07"W(D)
S10°53'25"W(D)
216.65'(F)
216.85'(D)

F.F.E. = 81.37

TOP OF BANK

TOE OF SLOPE

Ex. Lane Stripe

Ex. Edge of Pvmt.

Match Ex. Pvmt. Elev.

REFLECTOR POST (TYPICAL)

MANHOLE (NO ACCESS) TOP EL.: 80.44'

SOUTH R/W LINE OF U.S. HIGHWAY NO. 441 (ORB 4581, PAGE 880)

OLD STATE ROAD NO. 5 AND 25 (ORB 4581, PAGE 880)

NORTH R/W LINE OF

CENTERLINE OF R/W PER FDOT MAP SECTION 26020-2521

CENTERLINE OF R/W PER FDOT MAP SECTION 2602-205

CENTERLINE OF R/W

MANHOLE TOP EL.: 82.81' W. INV. EL.: 71.45 E. INV. EL.: 71.35

POWER SWITCHGEAR BOX

EX. GAS MARKER

EX. GAS LINE

EX. UGE

EX. UGT

EX. OHW

EX. CMP

EX. 8" WM

EX. 16" D.I.P. Water Line

Ex. 15" P.V.C. San. Sew. Line

DO NOT ENTER

RAILING

OVERHANG

ASPHALT

GRAVEL

CONCRETE

SIGN

XSW

CSW

OLP

WALL

T.P.

UTILITY BOX

EBX

DWARKADHISH INVESTMENTS INC
PARCEL ID.: 03061-004-000
ONE-STORY BUILDING

T & H PROPERTY GROUP, LLC.
PARCEL ID.: 03053-002-401

BURGER KING

A
B
C
D
E
F

EXISTING LEGEND

BENCHMARKS:

CONTROL BENCHMARK:
STATION IS A SET CONCRETE MONUMENT WITH FDOT BRASS DISK STAMPED BM1 26020'18. RT C/L. FROM THE INTERSECTION OF SR25 & I-75, PROCEED NORTH ON SR 25 .42 MILES TO THE MARK ON THE RIGHT.

EL.: 89.45' (NAVD88)

TBM #1:
STATION IS A NAIL AND DISK STAMPED "EBI LB-7652" LOCATED 8.4' NORTHWEST OF THE NORTHEAST CORNER OF SUBJECT PARCEL.

EL.: 76.54' (NAVD88)

TBM #2:
STATION IS A NAIL AND DISK STAMPED "EBI LB-7652" LOCATED 8.24' SOUTHEAST OF THE NORTHEAST CORNER OF SUBJECT PARCEL.

EL.: 76.74' (NAVD88)

ABBREVIATIONS

AC	AIR CONDITIONER	ID	IDENTIFICATION
(C)	CALCULATED MEASUREMENT	LB	LICENSED BUSINESS NUMBER
CO	CLEAN OUT	LP	LIGHT POLE
CONC	CONCRETE	LS	LICENSED SURVEYOR
CSW	CONCRETE SIDEWALK	MW	MONITORING WELL
(D)	DEED MEASUREMENT - CALL	NAVD	NORTH AMERICAN VERTICAL DATUM
(F)	FIELD MEASUREMENT	NGVD	NATIONAL GEODETIC VERTICAL DATUM
EBX	ELECTRIC BOX	OHW	OVERHEAD WIRE
EL.	ELEVATION	ORB	OFFICIAL RECORDS BOOK
EM	ELECTRIC METER	(P)	PLAT MEASUREMENT - CALL
FCM	FOUND CONCRETE MONUMENT	PP	POWER POLE
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION	PRM	PERMANENT REFERENCE MONUMENT
		PSM	PROFESSIONAL SURVEYOR & MAPPER
F.F.	FINISHED FLOOR	R/W	RIGHT-OF-WAY
FIP	FOUND IRON PIPE	SCM	SET CAPPED IRON ROD
FCR	FOUND CAPPED IRON ROD	SND	SET NAIL AND DISK
FIR	FOUND IRON ROD	SV	SEWER VALVE
FND	FOUND NAIL AND DISK	TBM	TEMPORARY BENCHMARK
FPP	FOUND PINCHED PIPE	WM	WATER METER
INV.	INVERT	WV	WATER VALVE

SYMBOLS

- BACKFLOW PREVENTION DEVICE
- BC CABLE RISER
- GRATE INLET
- SANITARY SEWER STRUCTURE
- +20.65 SPOT ELEVATION
- STORM STRUCTURE
- TELEPHONE PEDESTAL
- TRAFFIC SIGNAL JUNCTION BOX
- TRAFFIC SIGNAL POLE (UNLESS OTHERWISE DESIGNATED)
- FIRE HYDRANT
- SIGN
- BOLLARD
- 0.48" CMP TREE LOCATION (SIZE AND TYPE AS NOTED)
- UTILITY FLAG ELECTRIC
- UTILITY FLAG COMMUNICATIONS
- UTILITY FLAG GAS
- UTILITY FLAG RECLAIMED WATER
- UTILITY FLAG SANITARY/STORM SEWER
- UTILITY FLAG WATER
- WOOD FENCE
- METAL FENCE
- PVC FENCE

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 inch = 20 ft.

DRAINAGE LEGEND

PROPOSED GRADE 10.48
EX/PROP DRAINAGE ARROW
EXISTING GRADE + 75.78
PROPOSED SILT SCREEN — sscrn —

PAVING, GRADING & DRAINAGE NOTES:

1. REFER TO UTILITY PLANS FOR UNDERGROUND PIPING INFORMATION.
2. REFER TO EXISTING CONDITIONS/DEMOLITION PLAN FOR LIMITS OF TREE BARRICADES, TREE REMOVAL AND OR LIMITS OF TREE ROOT PRUNING
3. ALL DISTURBED AREAS WITHIN RIGHT OF-WAY SHALL BE SODDED WITH BAHIA SOD
4. ALL ROOF RUNOFF FROM PROPOSED BUILDING SHALL BE CONNECTED TO STORM SEWER. REFER TO MECHANICAL PLANS FOR ROOF DOWNSPOUT LOCATION AND CONNECTION
5. PROPOSED ELEVATIONS ARE TO EDGE OF PAVEMENT OR FACE OF BUILDING UNLESS SHOWN OTHERWISE
6. CONTRACTOR SHALL VIDEO EX. 24" CMP BENEATH DRIVEWAY AND IF FOUND TO DETERIORATING, REMOVE REPLACE WITH 24" R.C.P. (F.D.O.T. SHALL MAKE THE FINAL DETERMINATION AS TO ITS REPLACEMENT)

GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE CITY OF ALACHUA, F.D.O.T. AND THE E.O.R. FOR ALL NECESSARY INSPECTIONS DURING CONSTRUCTION.
2. ALL EXISTING UTILITIES SHOWN ON PLANS ARE BASED ON THE BEST AVAILABLE INFORMATION PROVIDED TO THE EOR AT TIME OF PERMITTING. CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
3. THE PROPOSED BURGER KING PARCEL SHOWN HEREON FALLS WITHIN ZONE "X" ACCORDING TO THE FLOOD INSURANCE RATE MAP, COMMUNITY NUMBER 120664, PANEL NO. 0120 SUFFIX D, EFFECTIVE JUNE 6, 2006.
4. ALL ELEVATIONS SHOWN HEREON ARE BASED UPON NAVD 1988 DATUM.
5. ALL EROSION & SEDIMENT CONTROL WITHIN R/W SHALL CONFORM TO FDOT INDICES.
6. CONSTRUCT SIDEWALK AND RAMPS IN ACCORDANCE TO FDOT INDEX 522-002 AND IN COMPLIANCE WITH ADA STANDARDS.
7. CONTRACTOR IS TO SOD ALL DISTURBED PORTIONS OF THE R/W WITH BAHIA SOD.
8. ANY SIDEWALK DAMAGED DURING CONSTRUCTION SHALL BE REPLACED TO THE NEAREST JOINT.
9. SAWCUT EXISTING ASPHALT PRIOR TO REMOVAL OF ANY MATERIAL.
10. ALL MAINTENANCE OF TRAFFIC SHALL CONFORM TO FDOT INDEX 102-600. NO LANE CLOSURES WILL BE ALLOWED UNLESS OTHERWISE AUTHORIZED BY FDOT.
11. ALL WORK WITHIN FDOT R/W SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS AND DESIGN STANDARDS (LATEST EDITIONS):
    - THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (A.K.A. STANDARD SPECS)
    - FDOT DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE AND OPERATIONS ON THE STATE HIGHWAY SYSTEM (A.K.A. STANDARD INDEX). COMPLIANCE WITH ALL APPLICABLE INDICES IS REQUIRED.
    - ROADWAY AND TRAFFIC DESIGN STANDARDS
    - FDOT ROADWAY PLANS PREPARATION MANUAL, VOLUME 1, CHAPTER 2 AND 25
    - FDOT FLEXIBLE PAVEMENT DESIGN MANUAL FOR NEW CONSTRUCTION AND PAVEMENT REHABILITATION
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING PUBLIC ROADWAY, CURBS, GUTTERS, SIDEWALK, DRAINAGE SYSTEM, AND UTILITIES AS A DIRECT RESULT OF NEW CONSTRUCTION. ROAD IMPROVEMENTS, SUCH AS BUT NOT LIMITED TO, RESURFACING MAY BE REQUIRED.
13. THE SITE DRAINAGE AND CONSTRUCTION IMPROVEMENTS SHALL NOT ADVERSELY IMPACT ADJOINING PROPERTIES AND/OR ROADWAYS.
14. SIDEWALKS IN THE PUBLIC RIGHT-OF-WAY TO BE CONSTRUCTED IN ACCORDANCE WITH F.D.O.T. STANDARDS.
15. ACCESS SHALL BE PROVIDED DURING CONSTRUCTION OF BUILDING BY AN UNOBSTRUCTED 20FT WIDE ALL WEATHER DRIVING SURFACE CAPABLE OF SUPPORTING A 32 TON EMERGENCY VEHICLE. THE DRIVING SURFACE SHALL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION.

2 LAYERS NON WOVEN FILTER FABRIC TO BE SECURED OVER ENTIRE BASIN OPENING

INLET PROTECTION DETAIL
NOT TO SCALE
CONTRACTOR TO INSTALL INLET PROTECTION IN ALL PROPOSED INLETS DURING CONSTRUCTION.

Face of Control Structure

Construct 4" Thick Concrete Wing Walls at 4:1 From Elevation 78.40 to Elevation 76.50. Pour Walls and Splash Pad Monolithic.

TOP CS EL.=79.80
7.5'
EL.=78.4
4:1
EL.=76.50

CONCRETE WALL & SPLASH PAD
N.T.S.

EL.=78.4
4"
2.33'
4"
EL.=76.50
3'

SECTION
N.T.S.

PROP. 18" RCP OUTFALL PIPE. INV=77.50
3" WEIR OPENING
2'-0"
3'-1"
PROP. 12" ADS N-12 FROM YD DRAIN. INV=77.50

PLAN
N.T.S.

WEIR OPENING
3"
18"
12"
Fiberglass Or Aluminum Baffle Skimmer To Be Bolted To Face Of Control Structure.
12" Min. Distance Reqd Between Face of Control Structure and Baffle Skimmer.

SECTION
N.T.S.

TOP CS & BAFFLE EL.=79.80
WEIR EL=78.00
BTM BAFFLE EL.=77.50
18" RCP EL.=77.10
BTM EL.=76.50
Contractor To Install 4" Thick Concrete Pad 12" Below Baffle

OUTFALL CONTROL STRUCTURE
MODIFIED TYPE C INLET W/ BAFFLE

Consultant:
MPH
CIVIL CONSULTANTS, INC.
MPH Civil Consultants, Inc.
6161 Lyons Road, Suite 5
P.O. Box 1121 Odessa, FL 33556
813.731.0952
duane@mphcivil.com : www.mphcivil.com
H. Duane Milford, P.E. No. 42657
FLORIDA PROFESSIONAL ENGINEER No.
FLORIDA CA NO. 30727

Developer:
BRAVOFLORIDA, LLC.
3018 U.S. HIGHWAY 301 N.
SUITE NO. 100
TAMPA, FL. 33619
(813) 374.8848

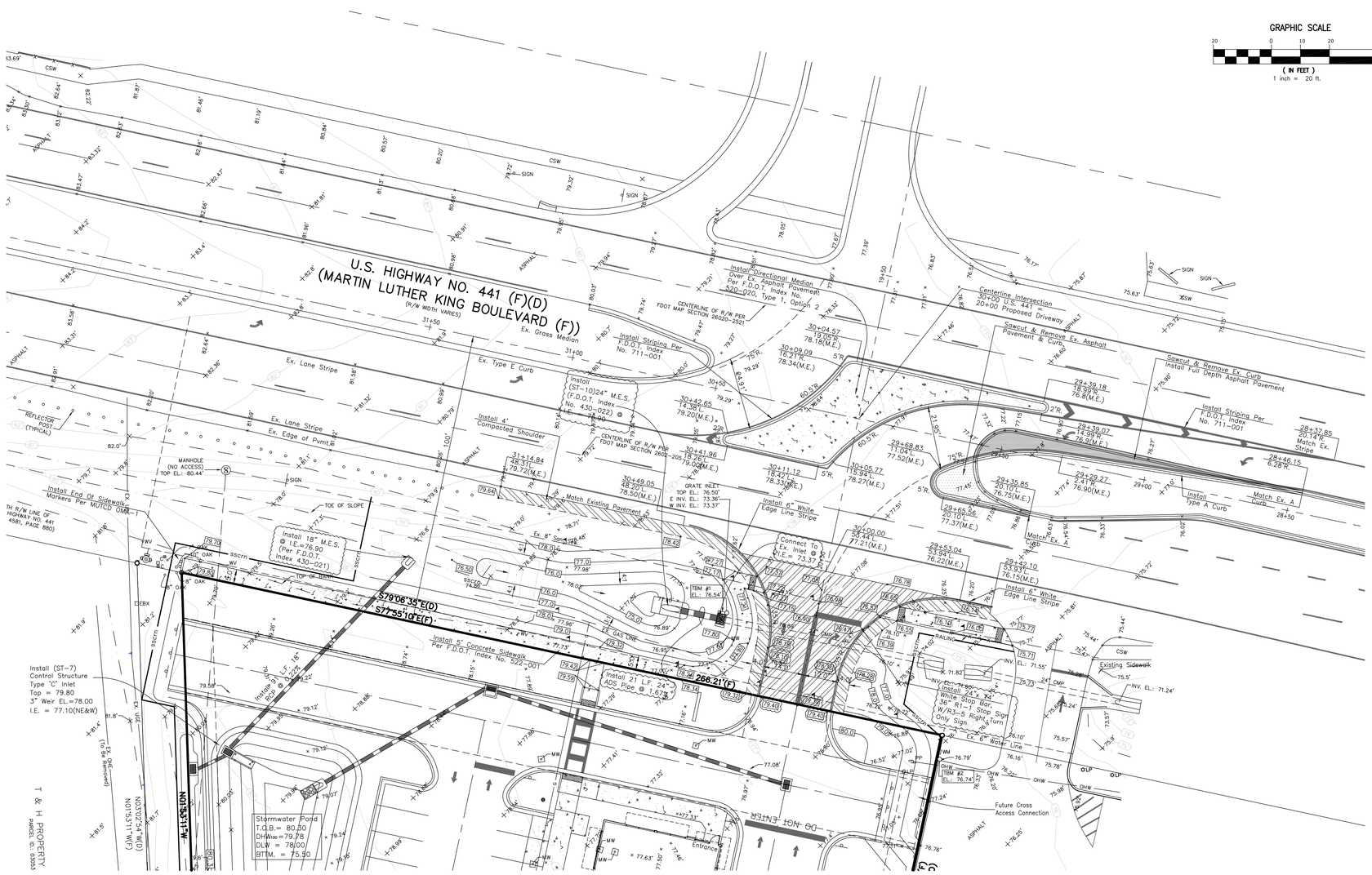
REVISIONS

No.	DESCRIPTION	DATE	BY
1.	Rev. Per City Comments	2.14.20	RK
2.	Rev. Per FDOT Comments	3.10.20	TG
3.	Rev. Per City Comments	3.11.20	RK

PAVING, GRADING & DRAINAGE PLAN

BURGER KING
16130 NW U.S. HIGHWAY 441
CITY OF ALACHUA, FLORIDA

SCALE: 1"=20'
DATE: 12.20.19
CAD FILE: C05-PGD
JOB NUMBER: ALACHUA COUNTY
SHEET **C05**



GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

1 inch = 20 ft.

BENCHMARKS:

CONTROL BENCHMARK:
STATION IS A SET CONCRETE MONUMENT WITH FDOT BRASS DISK STAMPED RM1 26020318. RT C/L FROM THE INTERSECTION OF SR25 & I-75, PROCEED NORTH ON SR 25 .42 MILES TO THE MARK ON THE RIGHT.

EL.: 89.45' (NAVD88)

TBM #1:
STATION IS A NAIL AND DISK STAMPED "EBI LB-7652" LOCATED 84.9' NORTHWEST OF THE NORTHEAST CORNER OF SUBJECT PARCEL.

EL.: 76.54' (NAVD88)

TBM #2:
STATION IS A NAIL AND DISK STAMPED "EBI LB-7652" LOCATED 8.24' SOUTHEAST OF THE NORTHEAST CORNER OF SUBJECT PARCEL.

EL.: 76.74' (NAVD88)

DRAINAGE LEGEND

PROPOSED GRADE	75.48
MATCH EXISTING	75.78(M.E.)
EXISTING GRADE	+ 75.78
PROPOSED SILT SCREEN	sscrn

EXISTING LEGEND

ABBREVIATIONS

AC	AIR CONDITIONER	ID	IDENTIFICATION
(C)	CALCULATED MEASUREMENT	LB	LICENSED BUSINESS NUMBER
CO	CLEAN OUT	LP	LIGHT POLE
CONC	CONCRETE	LS	LICENSED SURVEYOR
CSW	CONCRETE SIDEWALK	MW	MONITORING WELL
(D)	DEED MEASUREMENT – CALL	NAVD	NORTH AMERICAN VERTICAL DATUM
(F)	FIELD MEASUREMENT	NGVD	NATIONAL GEODETIC VERTICAL DATUM
EBX	ELECTRIC BOX	OHW	OVERHEAD WIRE
EL	ELEVATION	ORB	OFFICIAL RECORDS BOOK
EM	ELECTRIC METER	(P)	PLAT MEASUREMENT – CALL
FCM	FOUND CONCRETE MONUMENT	PP	POWER POLE
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION	PRM	PERMANENT REFERENCE MONUMENT
		PSM	PROFESSIONAL SURVEYOR & MAPPER
F.F.	FINISHED FLOOR	R/W	RIGHT-OF-WAY
FIP	FOUND IRON PIPE	SCIR	SET CAPPED IRON ROD
FOR	FOUND CAPPED IRON ROD	SND	SET NAIL AND DISK
FIR	FOUND IRON ROD	SV	SEWER VALVE
FND	FOUND NAIL AND DISK	TBM	TEMPORARY BENCHMARK
FPP	FOUND PINCHED PIPE	WM	WATER METER
INV.	INVERT	WV	WATER VALVE

SYMBOLS

	BACKFLOW PREVENTION DEVICE	CLAY OAK	TREE LOCATION (SIZE AND TYPE AS NOTED)
	CABLE RISER		UTILITY FLAG ELECTRIC
	GRATE INLET		UTILITY FLAG COMMUNICATIONS
	SANITARY SEWER STRUCTURE		UTILITY FLAG GAS
+20.45	SPOT ELEVATION		UTILITY FLAG RECLAIMED WATER
	STORM STRUCTURE		UTILITY FLAG SANITARY/STORM SEWER
	TELEPHONE PEDESTAL		UTILITY FLAG WATER
	TRAFFIC SIGNAL JUNCTION BOX		WOOD FENCE
	TRAFFIC SIGNAL POLE (UNLESS OTHERWISE DESIGNATED)		METAL FENCE
	FIRE HYDRANT		PVC FENCE
	SIGN		
	BOLLARD		

GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE CITY OF ALACHUA, F.D.O.T. AND THE E.O.R. FOR ALL NECESSARY INSPECTIONS DURING CONSTRUCTION.
2. ALL EXISTING UTILITIES SHOWN ON PLANS ARE BASED ON THE BEST AVAILABLE INFORMATION PROVIDED TO THE EOR AT TIME OF PERMITTING. CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
3. ALL EROSION & SEDIMENT CONTROL WITHIN R/W SHALL CONFORM TO FDOT INDICES.
4. CONSTRUCT SIDEWALK AND RAMPS IN ACCORDANCE TO FDOT INDEX 522–002 AND IN COMPLIANCE WITH ADA STANDARDS.
5. CONTRACTOR IS TO SOD ALL DISTURBED PORTIONS OF THE R/W WITH BAHIA SOD.
6. ANY SIDEWALK DAMAGED DURING CONSTRUCTION SHALL BE REPLACED TO THE NEAREST JOINT.
7. SAWCUT EXISTING ASPHALT PRIOR TO REMOVAL OF ANY MATERIAL.
8. ALL MAINTENANCE OF TRAFFIC SHALL CONFORM TO FDOT INDEX 102–600. NO LANE CLOSURES WILL BE ALLOWED UNLESS OTHERWISE AUTHORIZED BY FDOT.
9. ALL WORK WITHIN FDOT R/W SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS AND DESIGN STANDARDS (LATEST EDITIONS):
   - THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (A.K.A. STANDARD SPECS)
   - FDOT DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE AND OPERATIONS ON THE STATE HIGHWAY SYSTEM (A.K.A. STANDARD INDEX). COMPLIANCE WITH ALL APPLICABLE INDICES IS REQUIRED.
   - ROADWAY AND TRAFFIC DESIGN STANDARDS
   - FDOT ROADWAY PLANS PREPARATION MANUAL, VOLUME 1, CHAPTER 2 AND 25
   - FDOT FLEXIBLE PAVEMENT DESIGN MANUAL FOR NEW CONSTRUCTION AND PAVEMENT REHABILITATION
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE EXISTING PUBLIC ROADWAY, CURBS, GUTTERS, SIDEWALK, DRAINAGE SYSTEM, AND UTILITIES AS A DIRECT RESULT OF NEW CONSTRUCTION. ROAD IMPROVEMENTS, SUCH AS BUT NOT LIMITED TO, RESURFACING MAY BE REQUIRED.
11. SIDEWALKS IN THE PUBLIC RIGHT–OF–WAY TO BE CONSTRUCTED IN ACCORDANCE WITH F.D.O.T. INDEX NO. 522–001.
12. PROPOSED ELEVATIONS ARE TO EDGE OF PAVEMENT OR FACE OF CURB, UNLESS SHOWN OTHERWISE.
13. REFER TO EXISTING CONDITIONS & DEMOLITION PLAN FOR LIMITS OF PAVEMENT REMOVAL.

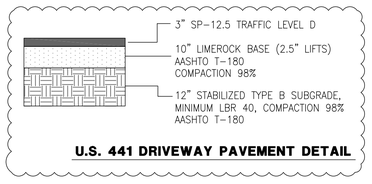
ALL WORK PERFORMED WITHIN THE FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT OF WAY SHALL CONFORM TO THE FOLLOWING:

A. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. (LATEST EDITION)
B. F.D.O.T. DESIGN STANDARDS INDEX. (LATEST EDITION)
C. F.D.O.T. FLEXIBLE PAVEMENT DESIGN MANUAL FOR NEW CONSTRUCTION AND PAVEMENT REHABILITATION.

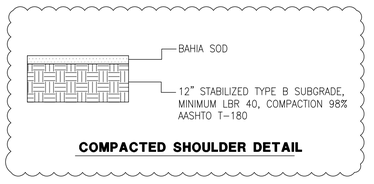
PAVEMENT LEGEND

STANDARD DUTY ASPHALT
(SEE U.S. 441 DRIVEWAY PAVEMENT DETAIL)

U.S. 441 COMPACTED SHOULDER
(SEE U.S. 441 SHOULDER DETAIL)



U.S. 441 DRIVEWAY PAVEMENT DETAIL



COMPACTED SHOULDER DETAIL

H. Duane Milford, P.E. No. 42657
FLORIDA PROFESSIONAL ENGINEER No.

Consultant:
MPH CIVIL CONSULTANTS, INC.
MPH Civil Consultants, Inc.
6 Civil Engineering Services
P.O. Box 1121 Odessa, FL 33556
813.731.0052
duane@mphcivil.com : www.mphcivil.com
FLORIDA CA NO. 30727

Developer:
BRAVOFLORIDA, LLC.
3018 U.S. HIGHWAY 301 N.
SUITE NO. 100
TAMPA, FL. 33619
(813) 374.8848

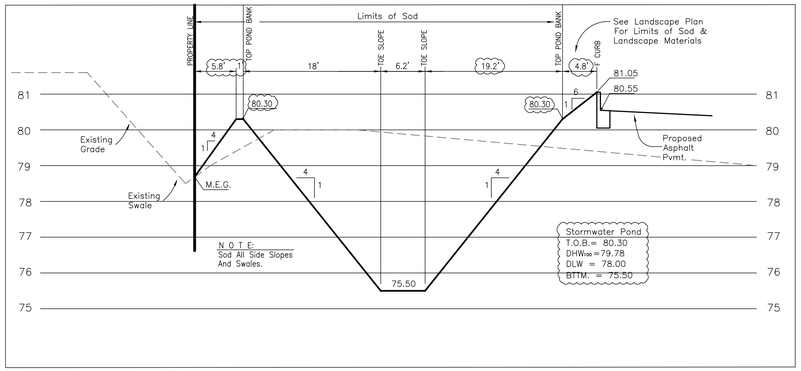
REVISIONS

No.	DESCRIPTION	DATE	BY
1.	Revised Per City Comments	2.18.20	RK
2.	Revised Per FDOT Comments	3.10.20	TG

U.S. HIGHWAY 441 IMPROVEMENTS

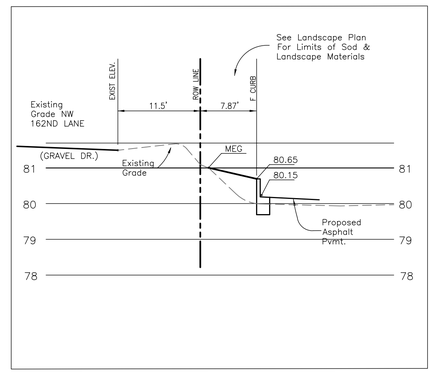
BURGER KING
16130 NW U.S. HIGHWAY 441
CITY OF ALACHUA, FLORIDA

SCALE: 1"=20'
DATE: 12.20.19
CAD FILE: C05A–US 441 IMPROVEMENTS
JOB NUMBER: ALACHUA COUNTY
SHEET C05A



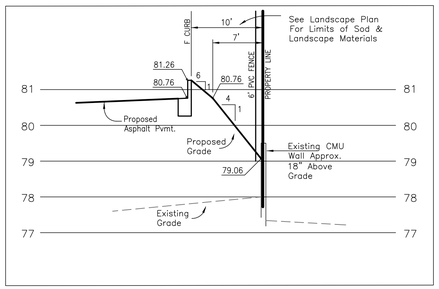
SECTION A-A

SCALE: H: 1"=10'
V: 1"=2'



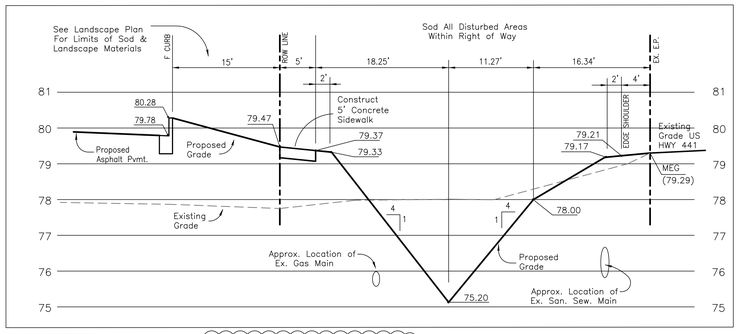
SECTION B-B

SCALE: H: 1"=10'
V: 1"=2'



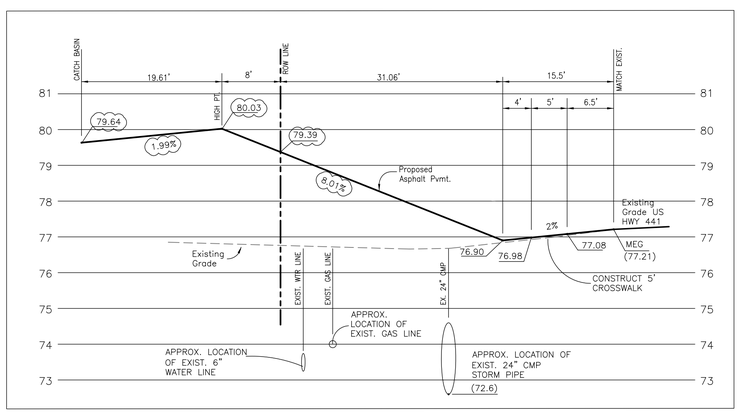
SECTION C-C

SCALE: H: 1"=10'
V: 1"=2'



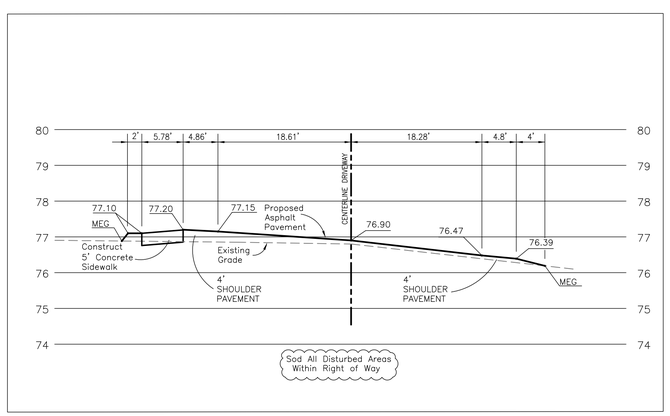
SECTION D-D

SCALE: H: 1"=10'
V: 1"=2'



SECTION E-E

SCALE: H: 1"=10'
V: 1"=2'



SECTION F-F

SCALE: H: 1"=10'
V: 1"=2'

Consultant:
CIVIL CONSULTANTS, INC.
MPH Civil Consultants, Inc.
Civil Engineering Services
P.O. Box 1121 Odessa, FL 33556
813.731.0052
duane@mphcivil.com : www.mphcivil.com

H. Duane Milford, P.E. No. 42657
FLORIDA PROFESSIONAL ENGINEER No.
FLORIDA CA NO. 30727

Developer:
BRAVOFLORIDA, LLC.
3018 U.S. HIGHWAY 301 N.
SUITE NO. 100
TAMPA, FL. 33619
(813) 374.8848

REVISIONS

No.	DESCRIPTION	DATE	BY
1.	Rev. Per City Comments	2.18.20	RK
2.	Rev. Per F.D.O.T. Comments	3.11.20	RK

CROSS SECTIONS

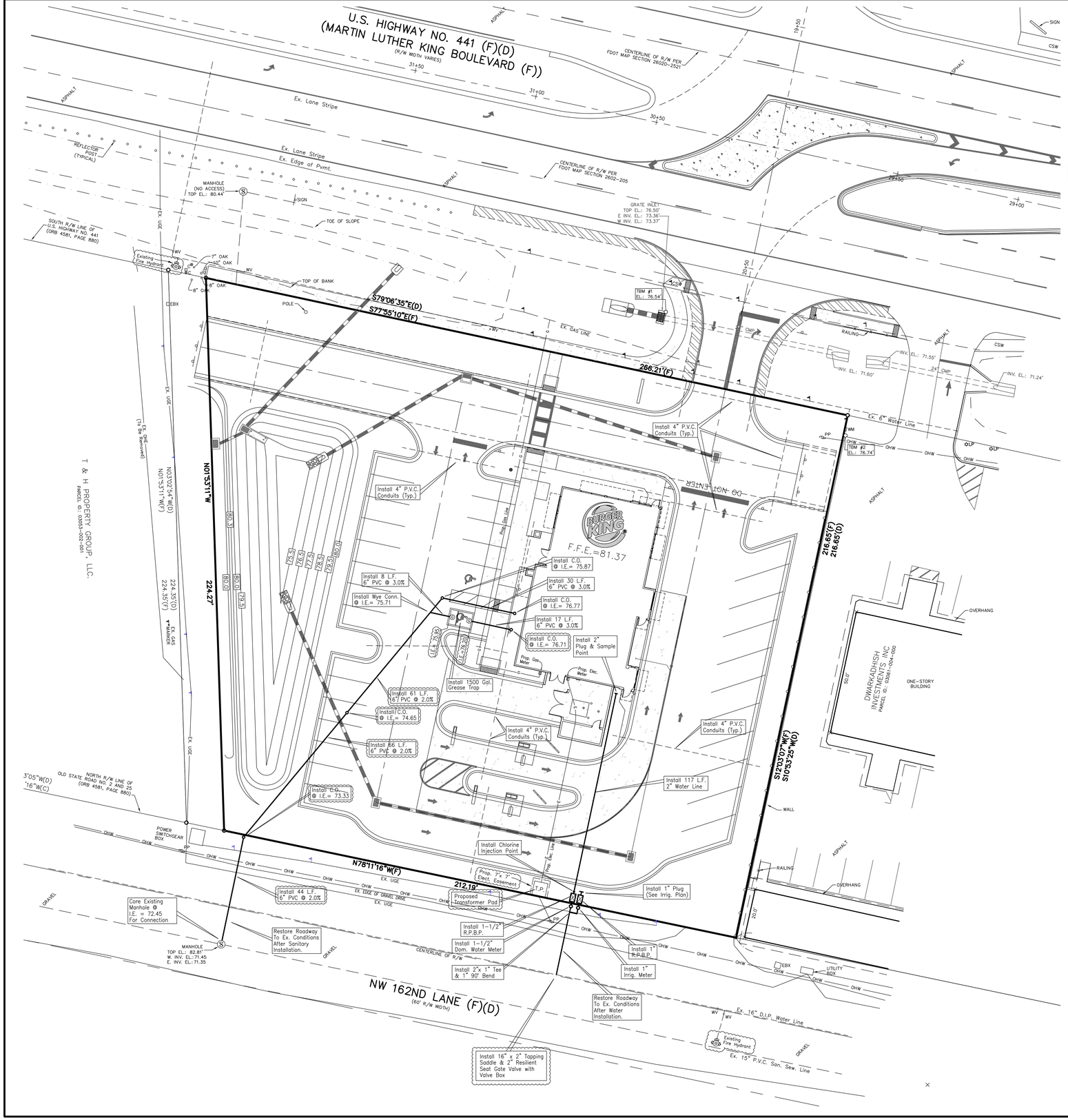
BURGER KING
16130 NW U.S. HIGHWAY 441
CITY OF ALACHUA, FLORIDA

SCALE:	DATE:
1"=20'	1.15.20

CAD FILE: C05B-SECTIONS

JOB NUMBER: ALACHUA COUNTY

SHEET **C05B**



BENCHMARKS:

CONTROL BENCHMARK:
STATION IS A SET CONCRETE MONUMENT WITH FDOT BRASS DISK STAMPED BM1 26020/R. RT C/L. FROM THE INTERSECTION OF SR25 & I-75, PROCEED NORTH ON SR 25 .42 MILES TO THE MARK ON THE RIGHT.

EL.: 89.45' (NAVD88)

TBM #1:
STATION IS A NAIL AND DISK STAMPED "EBI LB-7652" LOCATED 84.9' NORTHWEST OF THE NORTHEAST CORNER OF SUBJECT PARCEL.

EL.: 76.54' (NAVD88)

TBM #2:
STATION IS A NAIL AND DISK STAMPED "EBI LB-7652" LOCATED 8.24' SOUTHEAST OF THE NORTHEAST CORNER OF SUBJECT PARCEL.

EL.: 76.74' (NAVD88)

UTILITY LEGEND

- Exist. Gate Valve
- Prop. Gate Valve
- Prop. San Cleanout
- Prop. Storm Pipe
- Prop. Storm MH
- Prop. Storm Inlet
- Prop. Pipe MES

EXISTING LEGEND

ABBREVIATIONS

AC	AIR CONDITIONER	ID	IDENTIFICATION
(C)	CALCULATED MEASUREMENT	LB	LICENSED BUSINESS NUMBER
CO	CLEAN OUT	LP	LIGHT POLE
CONC	CONCRETE	LS	LICENSED SURVEYOR
CSW	CONCRETE SIDEWALK	MW	MONITORING WELL
(D)	DEED MEASUREMENT - CALL	NAVD	NORTH AMERICAN VERTICAL DATUM
(F)	FIELD MEASUREMENT	NGVD	NATIONAL GEODETIC VERTICAL DATUM
EBX	ELECTRIC BOX	OHW	OVERHEAD WIRE
EL.	ELEVATION	ORB	OFFICIAL RECORDS BOOK
EM	ELECTRIC METER	(P)	PLAT MEASUREMENT - CALL
FCM	FOUND CONCRETE MONUMENT	PP	POWER POLE
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION	PRM	PERMANENT REFERENCE MONUMENT
		PSM	PROFESSIONAL SURVEYOR & MAPPER
F.F.	FINISHED FLOOR	R/W	RIGHT-OF-WAY
FIP	FOUND IRON PIPE	SCIR	SET CAPPED IRON ROD
FCIR	FOUND CAPPED IRON ROD	SND	SET NAIL AND DISK
FIR	FOUND IRON ROD	SV	SEWER VALVE
FND.	FOUND NAIL AND DISK	TBM	TEMPORARY BENCHMARK
FPP	FOUND PINCHED PIPE	WM	WATER METER
INV.	INVERT	WV	WATER VALVE

SYMBOLS

- BACKFLOW PREVENTION DEVICE
- CABLE RISER
- GRATE INLET
- SANITARY SEWER STRUCTURE
- SPOT ELEVATION
- STORM STRUCTURE
- TELEPHONE PEDESTAL
- TRAFFIC SIGNAL JUNCTION BOX
- TRAFFIC SIGNAL POLE (UNLESS OTHERWISE DESIGNATED)
- FIRE HYDRANT
- SIGN
- BOLLARD
- TREE LOCATION (SIZE AND TYPE AS NOTED)
- UTILITY FLAG ELECTRIC
- UTILITY FLAG COMMUNICATIONS
- UTILITY FLAG GAS
- UTILITY FLAG RECLAIMED WATER
- UTILITY FLAG SANITARY/STORM SEWER
- UTILITY FLAG WATER
- WOOD FENCE
- METAL FENCE
- PVC FENCE

NOTES:

1. All construction shall meet the City of Alachua Utility Standards and Specifications as applicable.
2. A City of Alachua Utility representative is to be present during connections to existing facilities with 72 hour notification.
3. All utilities within the property lines will be owned and maintained by the property owner
4. Any utilities (pipes, valves, and associated hardware) to be conveyed to the City of Alachua will be located within an existing public utility easement, right-of-way (ROW) and/or a dedicated utility easement
5. Low pressure air test, and video inspection are required for the gravity collection system) – Water systems are tested to a minimum of 150psi for two-hour duration as per AWWA C 600 standards.
6. Install 10-gauge tracer wire on all main pipelines. Wire to extend into each valve box with sufficient excess to bring wire three feet above finish grade.
7. A Reduced Pressure Zone (RPZ), Backflow Prevention Assembly (BFP) is required.
8. All utilities shown were obtained from best information available. Contractor shall verify utilities and points of connection to confirm location, size and elevations prior to any utility work performed.
9. Water tapping saddles to be double strap brass or ductile iron or epoxy coated steel with stainless steel hardware.
10. Manhole frames & covers, and CO caps are to be water tight, if needed existing manhole tops are to be adjusted to proposed grade.
11. The City of Alachua shall own and maintain all water service lines up to the meters.
12. All sewer force main lines and gravity service lines accepted must be at least four inches (4") in diameter and eight inches (8"), respectively, except Lateral Sewer service lines which shall be no less than six inches (6") in diameter.
13. All connections will be made as hot taps. Any exceptions to this will require approval from the City of Alachua. All hot tap connections shall be performed by a licensed, underground contractor, with advance notification (72 Hours) to the City of Alachua utility Inspector.
14. Backflow prevention devices shall be privately owned and maintained. BFPDs should be located outside of any city of the City of Alachua Utility easement or ROW/public easement. It is the sole responsibility of the property owner to maintain the device.

GENERAL UTILITY NOTES:

1. REFER TO ARCH./MECH. PLANS FOR UTILITY CONNECTIONS TO BUILDING.
2. THE CONTRACTOR SHALL NOTIFY ALL CONCERNED PUBLIC AGENCIES AND UTILITY COMPANIES IN THE AREA BEFORE BEGINNING CONSTRUCTION, INCLUDING "SUNSHINE" AT 1-800-432-4770.
   - A. ONE OR MORE OF THE FOLLOWING CERTIFICATES/SHOP DRAWINGS, DEPENDING ON THE TYPE OF CONNECTIONS, WILL BE REQUIRED. THIS SHOULD BE REVIEWED WITH THE DESIGN DIVISION PRIOR TO APPROVAL FOR CONSTRUCTION.
   - B. PVC CERTIFICATE OF MANUFACTURE.
   - C. MANHOLE SHOP DRAWINGS AND STRENGTH REPORT.
   - D. FRAME AND COVER SHOP DRAWINGS.
   - E. FLEXIBLE COUPLING SHOP DRAWINGS.
   - F. VALVE SHOP DRAWING.
3. PIPE BURY DEPTH SHOULD BE 3' MINIMUM.
4. CONTRACTOR TO ADJUST EXISTING UTILITIES FOR SIDEWALK/DRIVEWAY CONSTRUCTION.
5. REFER TO PCD PLAN SHEET C-5 FOR EXISTING/PROPOSED STORM STRUCTURE ELEVATIONS AND INVERTS.
6. ALL NON-METALLIC PIPE WILL BE INSTALLED WITH 2 PAIR, 10 GAUGE, COPPER TRACER WIRE.
7. ALL SANITARY SEWER C.O. & COVERS SHALL HAVE THE LETTERING "SAN".
8. ALL UTILITY SYSTEM-DESIGN MATERIALS AND WORKMANSHIP SHALL COMPLY WITH THE CITY OF ALACHUA STANDARDS AND SPECIFICATIONS AS APPLICABLE.
9. CITY OF ALACHUA SHALL NOT OWN OR MAINTAIN ON-SITE WATER LINES, SEWER LINES, OR ELECTRIC SERVICE, UNLESS OTHERWISE APPROVED.
10. IN THE RIGHT OF WAY, TO BOTH THE 2 INCH WATER LINE AND THE 6" GRAVITY SEWER MAIN, INSTALL 2-PAIR, 10-GAUGE TRACER WIRE WITH ENOUGH UNWRAPPED WIRE TO ALLOW CONNECTION TO TEST DEVICE.
11. THE CITY OF ALACHUA WILL PROCURE AND INSTALL THE PAD MOUNTED TRANSFORMER, THE PAD AND ALSO THE CONDUIT AND CONDUCTORS FROM THE UTILITY BOX TO THE PAD MOUNTED TRANSFORMER. THIS WORK SHALL BE DONE AT NO COST TO THE CITY, WHO WILL BACKCHARGE THE CONTRACTOR. ALL ELECTRIC WORK "DOWNSTREAM" OF THE TRANSFORMER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

WATER NOTES:

1. ALL ONSITE DOMESTIC WATER PIPING SHALL BE HDPE DR-09 UNLESS SHOWN OTHERWISE.

SEWER NOTES:

1. ALL SEWER PIPE MATERIAL AND INSTALLATIONS ARE TO BE IN ACCORDANCE WITH THE CITY OF ALACHUA STANDARDS AND SPECIFICATIONS. GRAVITY SEWER PIPE IS TO BE PVC SDR-26, ASTM D-3034 AND ASTM D-3212.

Consultant:
MPH CIVIL CONSULTANTS, INC.
MPH Civil Consultants, Inc.
6161 Lyons Road, Suite 6
P.O. Box 1121 Odessa, FL 33556
813.731.0052
duane@mphcivil.com : www.mphcivil.com
FLORIDA CA NO. 30727

H. Duane Milford, P.E. No. 42657
FLORIDA PROFESSIONAL ENGINEER No.

Developer:
BRAVOFLORIDA, LLC.
3018 U.S. HIGHWAY 301 N.
SUITE NO. 100
TAMPA, FL. 33619
(813) 374.8848

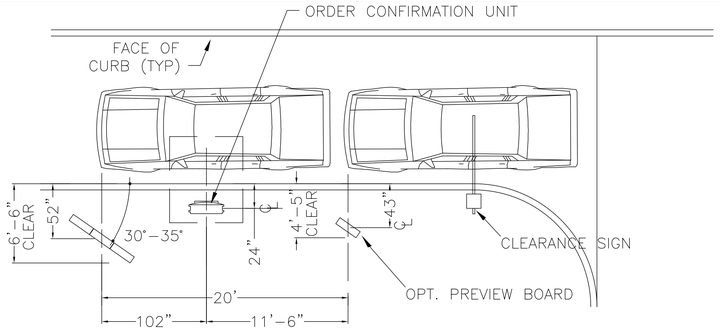
REVISIONS

No.	DESCRIPTION	DATE	BY
1.	Rev. Per City Comments	2.18.20	RK

UTILITY PLAN

BURGER KING
16130 NW U.S. HIGHWAY 441
CITY OF ALACHUA, FLORIDA

SCALE: 1"=20'
DATE: 12.20.19
CAD FILE: C06-UT
JOB NUMBER: ALACHUA COUNTY
SHEET C06

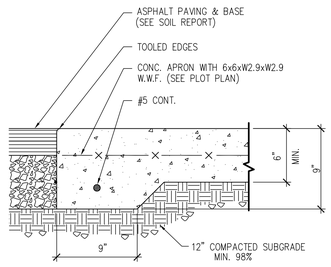


NOTE THAT DIMENSIONS ARE CRITICAL.

NOTE: THE PREFERRED LAYOUT SHOULD BE USED WHENEVER SPACE ALLOWS. 30° ROTATION ANGLE SHOULD BE CONSIDERED OPTIMAL. ANGLES BETWEEN THE PREFERRED LAYOUT AND MINIMUM LAYOUT ARE ACCEPTABLE AS LONG AS:
(1) THE DISTANCES FROM THE CENTERLINES OF THE SUPPORT POLES OF THE MENU BOARD AND PREVIEW BOARD TO THE FACE OF CURB ARE REDUCED BY 4" FOR EVERY 5 DEGREES OF ROTATION, AND:
(2) THE DISTANCE FROM THE CENTERLINE OF THE ORDER CONFIRMATION UNIT AND THE CENTERLINE OF THE MENU BOARD IS REDUCED BY 3" FOR EVERY 5 DEGREES OF ROTATION.

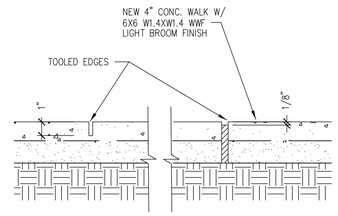
THE CENTERLINE OF MENU BOARD TO CENTERLINE OF PREVIEW BOARD REMAINS AT 20'.

MENU BOARD



CONCRETE APRON (DUMPSTER PAD)

4,000 PSI (MIN.) CONCRETE

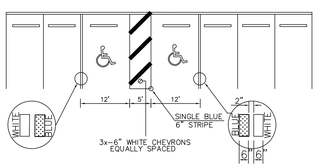


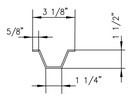
NOTE:
EXPANSION JOINTS SHALL BE LOCATED AT ALL CONCRETE WALK INTERSECTIONS, AT ALL DOOR OPENINGS AND AT 40' O.C. MAXIMUM.

EXPANSION JOINT (1/4" PREMOLDED ASPHALT STRIP) SHALL BE SET 1/8" BELOW TOP OF WALK.
SCORE MARK (1" DEPTH) SHALL BE 5' (MAX.) O.C.

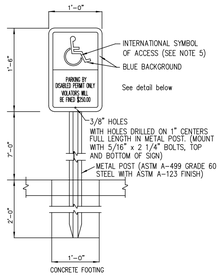
CONCRETE WALK

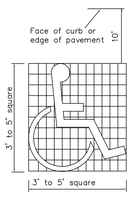
(3,500 PSI (MIN))





METAL POST
WT. OF BLANK POST SHALL BE 2-2 1/2"#/FT.

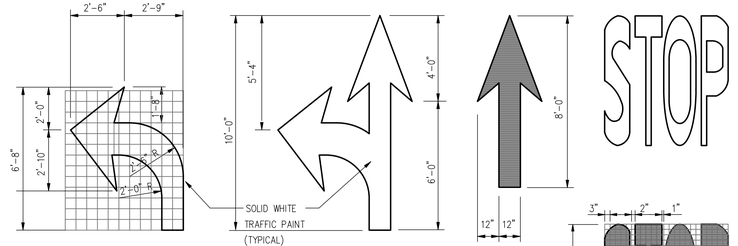




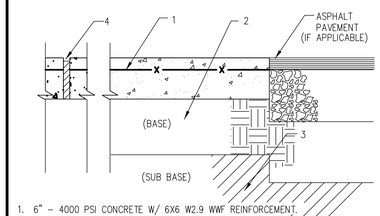
MANDATORY
White on Blue Background

NOTES:
1. METAL POST TO BE GALVANIZED. ALL BOLTS, NUTS, WASHERS AND SCREWS MUST BE RUSTPROOF.
2. CONCRETE FOR FOOTING SHALL BE PORTLAND CEMENT AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 p.s.i.
3. SIGNS WILL BE FABRICATED BY USING REFLECTING COATING IN THE SYMBOL, MESSAGE AND BORDER APPLIED TO A SHEET ALUMINUM BACKING (.080) IN THICKNESS.
4. MESSAGE LETTERING SHALL BE UPPER CASE (WHITE)(SERIES B) 2" HIGH IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
5. THE SYMBOL IS COMPOSED OF TWO ELEMENTS, A WHITE WHEELCHAIR FIGURE (WHICH SHOULD ALWAYS FACE RIGHT) ON A SQUARE BACKGROUND, INTERNATIONAL BLUE IN COLOR (FED. STD. 595a, COLOR #15180).
6. SIGN POST SHALL BE MIN. 2'-0" CLEAR FROM BACK OF CURB. (SIGN FOR THE PHYSICALLY DISABLED)

DISABLED PARKING/MARKING DETAILS

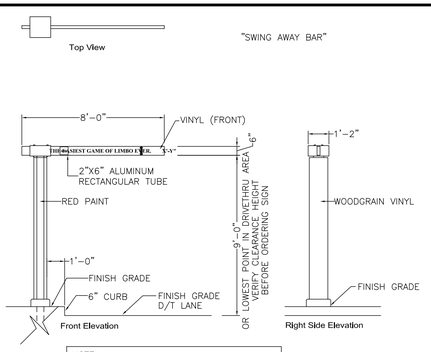


PAVEMENT MARKINGS



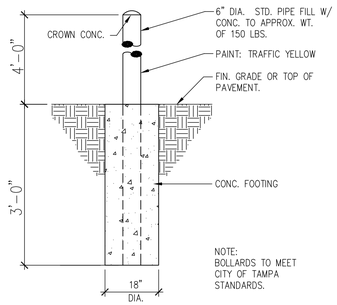
1. 6" – 4000 PSI CONCRETE W/ 6X6 W2.9 WWF REINFORCEMENT.
2. 6" WELL GRADED CLEAN SAND, HAVING 5% OR LESS PASSING THE NO. 200 SIEVE. ALTERNATELY, A GEOTECHNICAL FABRIC SUCH AS MIRAFI 140N, OR EQUAL, MAY BE USED BELOW ALL CONTROL JOINTS IN LIEU OF THE SAND.
3. 12" SUBBASE COMPACTED TO A MINIMUM DENSITY OF 98% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D-1557). DENSITY TESTS SHALL BE PERFORMED EVERY 5,000 S.F.
4. 1/4" PREMOLDED ASPHALT EXPANSION JOINT STRIP. SET 1/2" BELOW PAVEMENT TOP @ 40'-0" O.C. MAXIMUM.

CONCRETE PAVEMENT



NOTE:
SIGN STRUCTURAL FOUNDATION AS REQUIRED BY SITE CONDITIONS. DESIGN IS THE RESPONSIBILITY OF THE SUBCONTRACTOR.

CLEARANCE BAR



BOLLARD

1. GENERAL

RIGID PAVEMENT CONSISTS OF CONSTRUCTING A SPECIFIED PORTLAND CEMENT CONCRETE PAVING ON A PREPARED SUBGRADE. THE UTILITIES AND OTHER ITEMS IN AND BENEATH THE STREET MUST BE PROPERLY COORDINATED WITH THE CONSTRUCTION OF RIGID PAVEMENT TO AVOID CONFLICTS. THE WORK TO BE DONE SHALL INCLUDE THE FURNISHING OF ALL SUPERVISION, LABOR, MATERIALS, EQUIPMENT AND INCIDENTAL NECESSARY FOR THE PROPOSED RIGID PAVEMENT CONSTRUCTION IN ACCORDANCE WITH THE APPROVED DRAWINGS AND SPECIFICATION.

2. CONCRETE STRENGTH REQUIRED:

ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,000 (PCI) PSI AT 28 DAYS. CONFORMANCE TO STRENGTH REQUIREMENTS SHALL BE DETERMINED BY ACI STANDARD 318, LATEST EDITION, SECTIONS 4.8.2.3 AND 4.8.3.

3. CONTRACTION/CONTROL JOINTS

CONTRACTOR SHALL PLACE CONTROL JOINTS (SAWCUT OR TOOLED WITHIN 24 HOURS OF POUR (12 HOURS IN HOT WEATHER). SPACE NO FUTHER THAN 15 FEET APART, 1/4 DEPTH OF SLAB.

PORTLAND CEMENT CONCRETE PAVEMENT

H. Duane Milford, P.E. No. 42657
FLORIDA PROFESSIONAL ENGINEER No.

Consultant:
MPH CIVIL CONSULTANTS, INC.
MPH Civil Consultants, Inc.
Civil Engineering Services
P.O. Box 1121 Odessa, FL 33556
813.731.0052
duane@mphcivil.com : www.mphcivil.com
FLORIDA CA NO. 30727

Developer:
BRAVOFLORIDA, LLC.
3018 U.S. HIGHWAY 301 N.
SUITE NO. 100
TAMPA, FL. 33619
(813) 374.2413

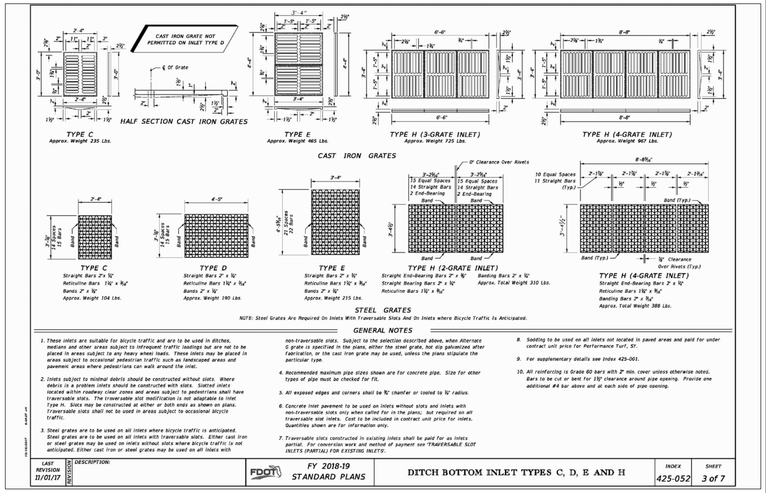
REVISIONS

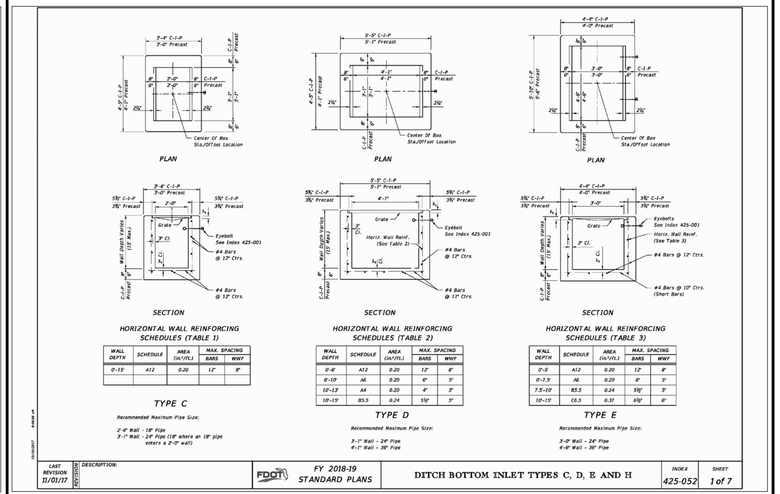
No.	DESCRIPTION	DATE
1		
2		

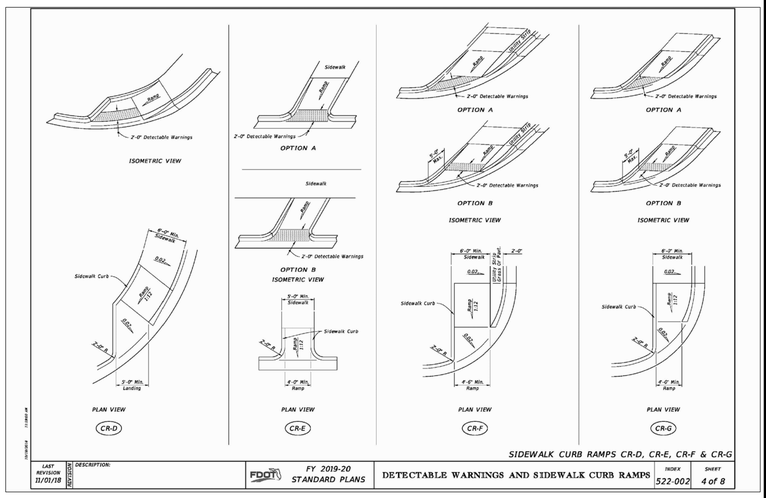
CIVIL DETAILS

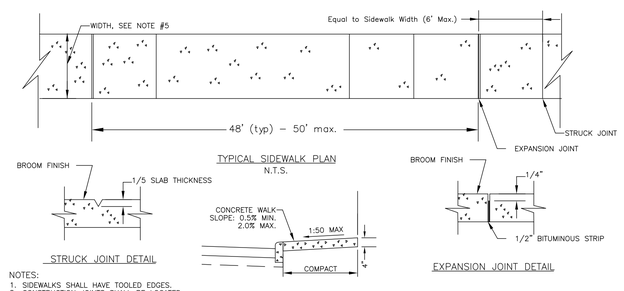
BURGER KING
16130 NW U.S. HIGHWAY 441
CITY OF ALACHUA, FLORIDA

SCALE: NTS
DATE: 12.20.19
CAD FILE: C07-DTLS
JOB NUMBER: ALACHUA COUNTY
SHEET C07

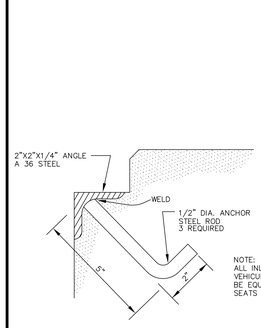




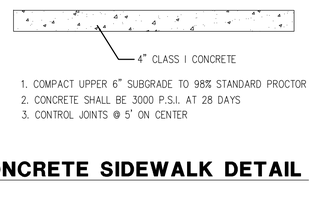




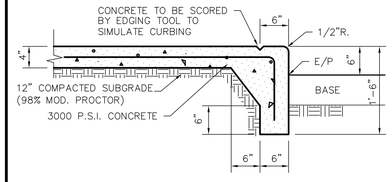
CONCRETE SIDEWALK CONSTRUCTION



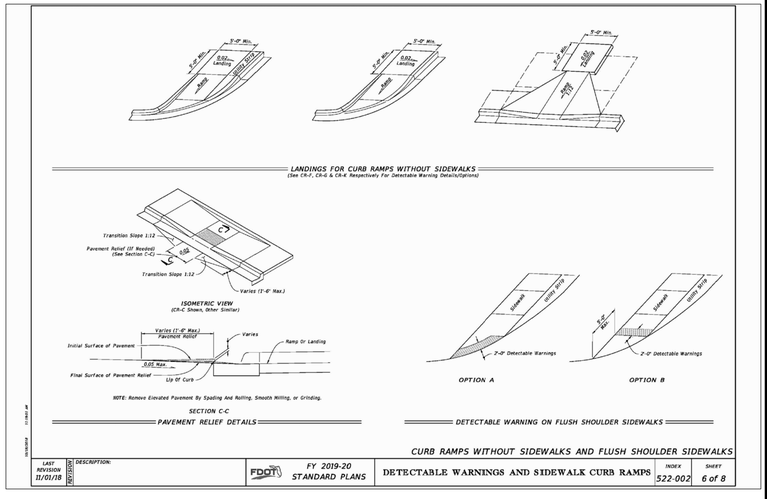
GRATE SEAT DETAIL

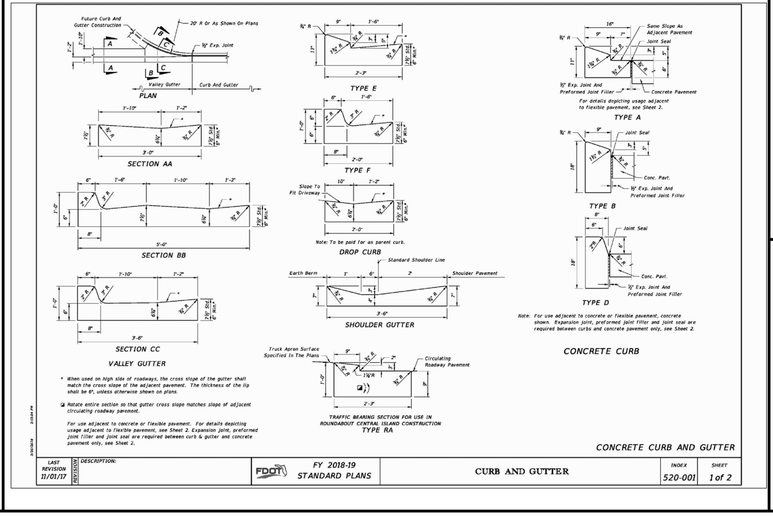


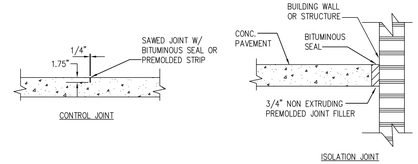
CONCRETE SIDEWALK DETAIL



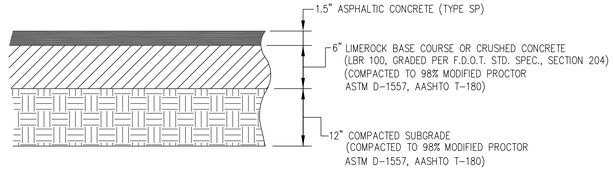
COMBO CURB & SIDEWALK DETAIL







CONCRETE PAVEMENT JOINTS



TYPICAL ASPHALT PAVEMENT SECTION

Consultant:
MPH CIVIL CONSULTANTS, INC.
MPH Civil Consultants, Inc.
4202 Tampa Road, Suite 101
P.O. Box 1121 Oldsmar, FL 33556
813.731.0052
duane@mphcivil.com : www.mphcivil.com
FLORIDA CA NO. 30727
H. Duane Milford, P.E. No. 42657
FLORIDA PROFESSIONAL ENGINEER No. 42657

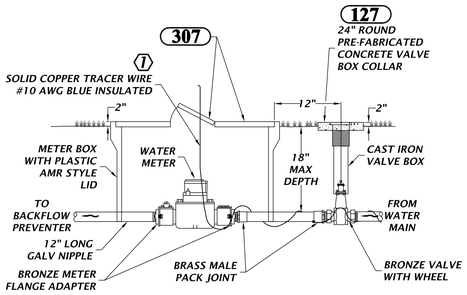
Developer:
BRAVOFLORIDA, LLC.
3018 U.S. HIGHWAY 301 N.
SUITE NO. 100
TAMPA, FL. 33619
(813) 374.2413

REVISIONS			
No.	DESCRIPTION	DATE	BY
1.			
2.			

CIVIL DETAILS

BURGER KING
16130 NW U.S. HIGHWAY 441
CITY OF ALACHUA, FLORIDA

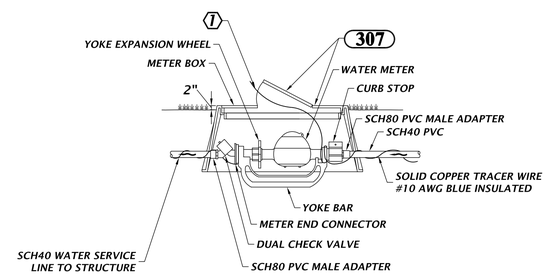
SCALE: NTS
DATE: 12.20.19
CAD FILE: C08-DTLS
JOB NUMBER: ALACHUA COUNTY
SHEET C08



KEYED NOTE(S):

1. *PROVIDE ENOUGH TRACER WIRE SO IT CAN EXTEND AT LEAST 8-INCHES ABOVE METER BOX.*

112 1 1/2" AND 2" METER ASSEMBLY
NTS



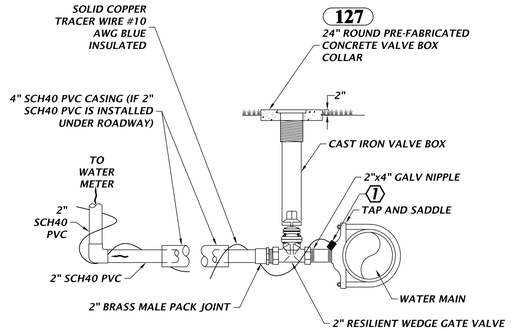
GENERAL NOTE(S):

1. *CONNECT TRACER WIRES WITH PRO-LINE TRACER-LOCK CONNECTORS. PART # TL-LUG-SS.*

KEYED NOTE(S):

1. *PROVIDE ENOUGH TRACER WIRE SO IT CAN EXTEND AT LEAST 8-INCHES ABOVE METER BOX.*

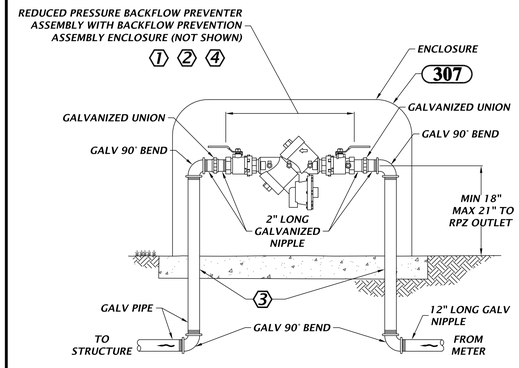
115 3/4" AND 1" WATER METER ASSEMBLY
NTS



KEYED NOTE(S):

1. *CONNECT TRACER WIRES FROM MAIN TO SERVICE WITH PRO-LINE TRACER-LOCK CONNECTORS. PART # TL-LUG-SS.*

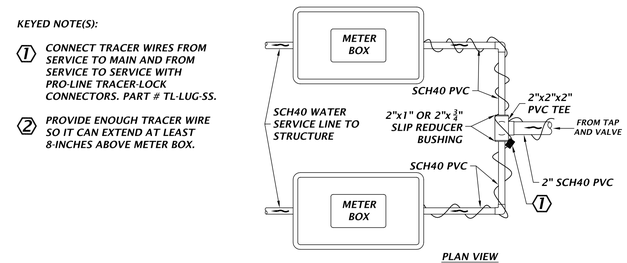
118 2" WATER SERVICE CONNECTION
NTS



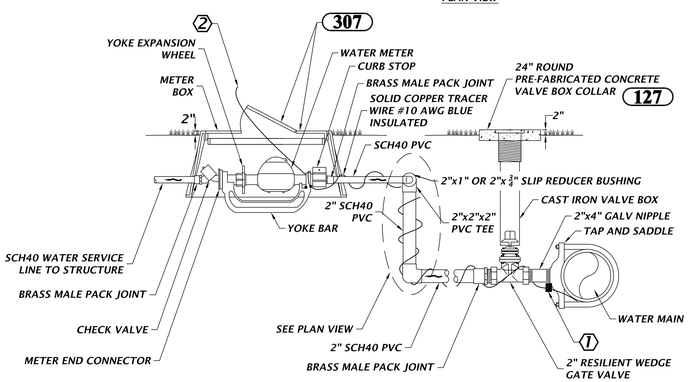
KEYED NOTE(S):

1. *PROVIDE BACKFLOW PREVENTION ASSEMBLY ENCLOSURE. COORDINATE WITH VENDOR TO SELECT ENCLOSURE SIZE SUITABLE FOR INSTALLED BACKFLOW PREVENTER ASSEMBLY.*
2. *ENCLOSURE VENDOR AND FEATURES:*
   - *MARINE GRADE ALUMINUM*
   - *1.5 INCH INSULATION, 9.0 R VALUE*
   - *MEANS TO ACCESS ASSEMBLY*
   - *LOCKABLE*
   - *MOUNTING HARDWARE*
   - *COLOR: TAN, UNLESS OTHERWISE NOTED.*
   - *VENDORS: SAFE T COVER, NASHVILLE, TN; OR EQUAL*
3. *POUR CONCRETE PAD WITH DIMENSIONS AS PER VENDOR'S RECOMMENDATIONS. MINIMUM THICKNESS OF 4 INCHES.*
   - *PROVIDE SLEEVES AROUND PIPING*
4. *BACKFLOW PREVENTER MAINTAINED BY PROPERTY OWNER, NOT COA.*

121 3/4" TO 2" BACKFLOW PREVENTER AND ENCLOSURE
NTS



PLAN VIEW



KEYED NOTE(S):

1. *CONNECT TRACER WIRES FROM SERVICE TO MAIN AND FROM SERVICE TO SERVICE WITH PRO-LINE TRACER-LOCK CONNECTORS. PART # TL-LUG-SS.*
2. *PROVIDE ENOUGH TRACER WIRE SO IT CAN EXTEND AT LEAST 8-INCHES ABOVE METER BOX.*

130 DUAL WATER SERVICE CONNECTION
NTS

PAINT SYSTEM NO. 5

SURFACE PREPARATION -PRESSSURE WASH SURFACE TO BE PAINTED

OPTIMAL APPLICATION CONDITIONS

- *AMBIENT TEMPERATURE BETWEEN 55 AND 75 DEGREES F.*
- *HUMIDITY BELOW 60 PERCENT*
- *IF OUTSIDE THESE LIMITS, REQUEST PERMISSION TO APPLY PAINT FROM COA INSPECTOR OR SERVICES DURING CONSTRUCTION ENGINEER*

APPLY (SPRAY) FIRST COAT

APPLY (SPRAY) SECOND COAT EITHER WITHIN TWO HOURS OR MORE THAN 48 HOURS AFTER APPLYING FIRST COAT.

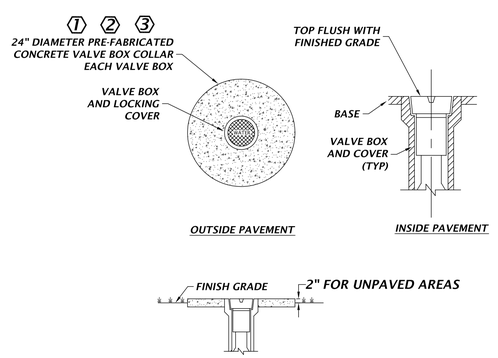
PRODUCT

- *KRYLON SPAY PAINT*
- *FUSION ALL-IN-ONE*
- *PAINT PLUS PRIMER*

COLORS

- *POTABLE WATER - GLOSS PATRIOTIC BLUE*
- *WASTEWATER - GLOSSY SPRING GRASS*
- *RECLAIMED - GLOSSY ICY GRAPE*

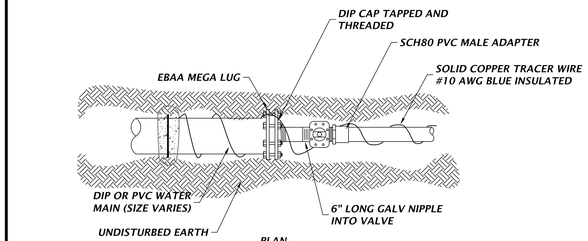
307 PAINT SYSTEM NO. 5
NTS



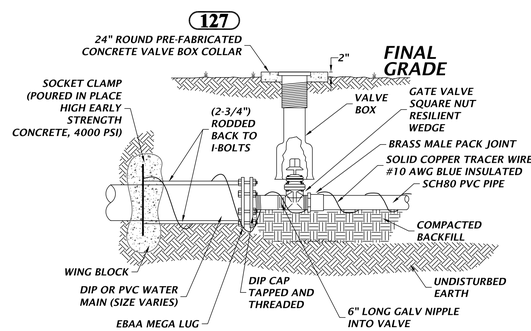
KEYED NOTE(S):

1. *VALVE BOX COLLAR FEATURES:*
   - *24" DIAMETER, 11" INNER OPENING*
   - *4" THICK*
   - *TWO RINGS OF #3 REBAR*
   - *4000 PSI TEST CONCRETE*
2. *SUPPLIER AND PRODUCT:*
   - *MASONRY SUPPLY, INC., SELMA, NC OR EQUAL*
   - *ITEM: 24" CONCRETE VALVE BOX COLLAR OR EQUAL*
   - *PART: MSVB-24 OR EQUAL*
3. *PAINT VALVE BOX COVER AND COLLAR AS PER 307*

127 VALVE BOX COLLAR
NTS



PLAN



PROFILE

124 WATER MAIN REDUCTION OF LINE SIZE
NTS

H. Duane Milford, P.E. No. 42657
FLORIDA PROFESSIONAL ENGINEER No.

Consultant:
MPH CIVIL CONSULTANTS, INC.
MPH Civil Consultants, Inc.
Civil Engineering Services
P.O. Box 1121 Odessa, FL 33556
813.731.0052
duane@mphcivil.com : www.mphcivil.com
FLORIDA CA NO. 30727

Developer:
BRAVOFLORIDA, LLC.
3018 U.S. HIGHWAY 301 N.
SUITE NO. 100
TAMPA, FL. 33619
(813) 374.2413

REVISIONS

No.	DESCRIPTION	DATE	BY
1.	Revised Per City Comments	2.18.20	RK
2.	Added Detail 307 Per City Comment.	3.11.20	RK

CIVIL DETAILS

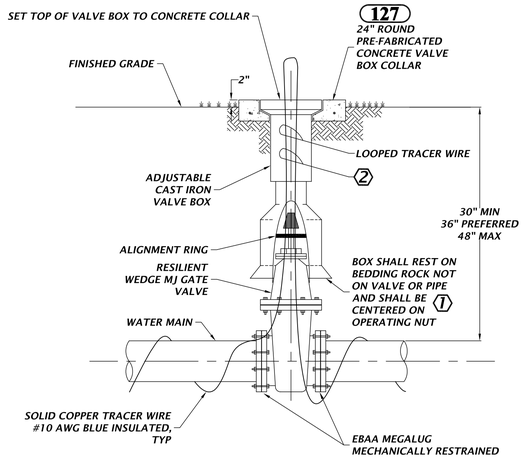
BURGER KING
16130 NW U.S. HIGHWAY 441
CITY OF ALACHUA, FLORIDA

SCALE: NTS
DATE: 12.20.19
CAD FILE: C09-DTLS
JOB NUMBER: ALACHUA COUNTY
SHEET: **C09**

ABBREVIATIONS

APP	APPROXIMATE
ARV	AIR RELEASE VALVE
AWG	AMERICAN WIRE GAUGE
DI	DUCTILE IRON
DIP	DUCTILE IRON PIPE
E	ELECTRIC CONDUCTOR
FLG	FLANGED
FT	FOOT
FM	FORCE MAIN
GA	GAUGE
GALV	GALVANIZED
GRN	GREEN
GSP	GALVANIZED STEEL PIPE
GV	GATE VALVE
ID	INSIDE DIAMETER
LF	LINEAR FEET
MAX	MAXIMUM
MIN	MINIMUM
MJ	MECHANICAL JOINT
NTS	NOT TO SCALE
OD	OUTSIDE DIAMETER
OS&Y	OUTSIDE SCREW AND YOKE
PUE	PUBLIC UTILITY EASEMENT
PVC	POLYVINYL CHLORIDE
R/W	RIGHT OF WAY
RPZ	REDUCED PRESSURE ZONE
SCH	SCHEDULE
SF	SQUARE FEET
SIM	SIMILAR
SS	STAINLESS STEEL
TYP	TYPICAL
URD	UNDERGROUND RESIDENTIAL DISTRIBUTION
YEL	YELLOW
WM	WATER MAIN
WW	WASTEWATER

151 DETAIL ABBREVIATIONS
NTS



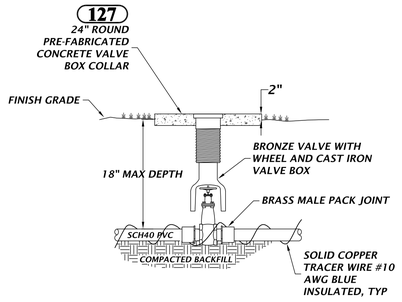
GENERAL NOTE(S):

1. *PVC EXTENSIONS SHALL NOT BE USED ON VALVE BOX INSTALLATION.*
2. *VALVE BOX LID TO BE LETTERED WITH THE WORD "WATER" OR "RECLAIMED".*

KEYED NOTE(S):

1. *WHEN VALVE BOX IS TO BE INSTALLED IN ROADWAY OR OTHER TRAFFIC AREAS SET VALVE BOX ON FIVE (5) SOLID COMMON BRICKS.*
2. *VALVE BOX MAY SERVE AS ACCESS POINT FOR TRACER WIRES. PROVIDE ENOUGH LOOPED TRACER WIRE SO IT CAN EXTEND 8-INCHES ABOVE GRADE.*

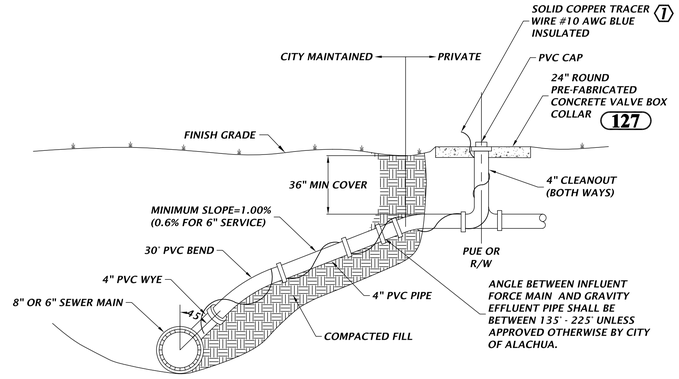
145 GATE VALVE FOR WATER AND RECLAIMED WATER MAINS 4" OR LARGER
NTS



GENERAL NOTE(S):

1. *WATER VALVE BOX TOPS ARE TO BE CAST WITH THE WORD "WATER" ON TOP AND PAINTED BLUE.*

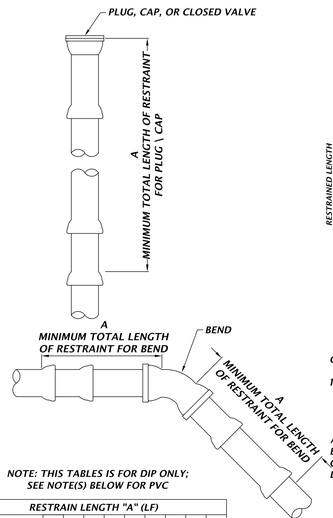
142 BRONZE GATE VALVE FOR WATER AND RECLAIMED WATER MAINS 2" OR SMALLER
NTS



KEYED NOTE(S):

1. *EXTEND TRACER WIRE 8-INCHES BEYOND TOP OF VALVE BOX COLLAR.*

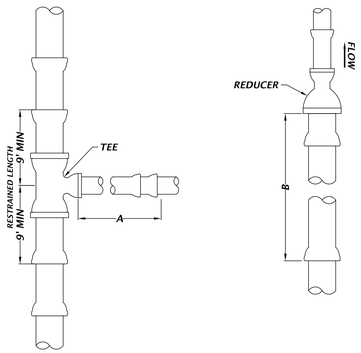
200 WASTEWATER SERVICE LATERAL
NTS



NOTE: THIS TABLES IS FOR DIP ONLY; SEE NOTE(S) BELOW FOR PVC

RESTRAIN LENGTH "A" (LF)								
FITTING	4"	6"	8"	12"	16"	20"	24"	30"	36"
11¼° BEND	3	4	5	6	8	9	10	12	13
22½° BEND	5	7	9	12	15	17	20	23	26
45°/OFFSET	10	14	18	24	30	35	40	47	53
90° BEND	24	33	42	58	72	85	97	112	126
DEAD END	42	58	75	104	131	157	181	213	243

A=MINIMUM FOOTAGE OF PIPE TO BE RESTRAINED.



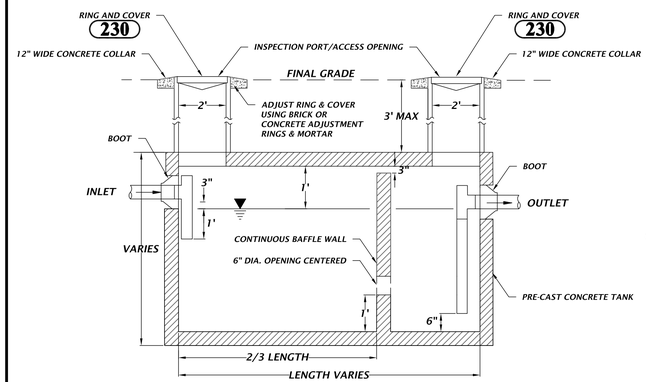
GENERAL NOTE(S):

1. *THIS TABLE IS BASED ON THE RESTRAINT CALCULATION SOFTWARE PROVIDED FREE OF CHARGE BY EBAA IRON INC. AT http://www.ebaa.com/engineering.htm AND THE FOLLOWING INPUT VARIABLES:*
   - *A. MAXIMUM TEST PRESSURE OF 150 PSI*
   - *B. LAYING CONDITION TYPE 3*
   - *C. POOR SOIL CONDITIONS (SOIL TYPE ML)*
   - *D. USING DIP*
   - *E. 2 FEET OF COVER*
   - *F. HORIZONTAL BENDS ONLY - ENGINEER TO SUBMIT CALCULATIONS FOR VERTICAL RESTRAINTS*
   - *G. SAFETY FACTOR = 1.5 TO 1*
2. *FOR POLYWRAPPED DIP, MULTIPLY THE FOOTAGE BY 1.50*
3. *FOR PVC PIPE, MULTIPLY FOOTAGE BY 1.34*
4. *RESTRAINED PIPE SHALL BE MANUFACTURED RESTRAINED PIPE, PUSH-ON RESTRAINTS OR MECHANICAL JOINT PIPE RESTRAINED BY EBAA MEGALUG.*
5. *ANY ADDITIONAL FITTINGS WITHIN THE RESTRAINED SECTION SHALL BE RESTRAINED ACCORDINGLY.*

	RESTRAIN (LF)	
FITTING SIZE	TEE "A"	REDUCER "B"
4x4	21	*
6x4	10	30
6x6	37	*
8x4	A.T.	54
8x6	28	32
8x8	54	*
12x4	A.T.	90
12x6	11	76
12x8	37	55
12x12	82	*
16x6	A.T.	111
16x8	21	96
16x12	66	56
16x16	109	*
20x6	A.T.	141
20x8	8	130
20x12	51	99
20x16	93	55
20x20	134	*
24x6	A.T.	168
24x8	A.T.	159
24x12	37	134
24x16	77	99
24x20	117	54
24x24	157	*
30x6	A.T.	203
30x8	A.T.	196
30x12	20	177
30x16	57	150
30x20	94	116
30x24	132	75
30x30	189	*
36x6	A.T.	235
36x8	A.T.	229
36x12	7	214
36x16	40	193
36x20	74	166
36x24	109	133
36x30	162	74
36x36	218	*

A.T.=RESTRAINT REQUIRED AT TEE ONLY.
**=NOT APPLICABLE*

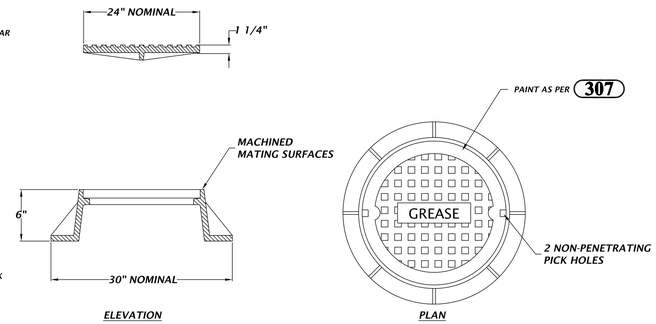
309 JOINT RESTRAINT
NTS



GENERAL NOTE(S):

1. *TANK VOLUME TO BE DETERMINED BY CITY OF ALACHUA UPON APPLICATION BY OWNER, 1000 GALLON MINIMUM TANK VOLUME. STRUCTURAL DESIGN SHALL BE THE RESPONSIBILITY OF THE TANK MANUFACTURER.*
2. *ONLY KITCHEN WASTE SHALL BE DISCHARGED INTO THE GREASE INTERCEPTOR. ALL DOMESTIC WASTE (i.e. RESTROOMS) SHALL BE CONNECTED DOWNSTREAM OF THE GREASE INTERCEPTOR.*
3. *MANHOLES THAT ARE NOT INSTALLED UNDER PAVEMENT SHALL HAVE A RIM ELEVATION AT LEAST 6" ABOVE FINISHED GRADE AND A 10:1 SLOPE TO FINISHED GRADE.*
4. *GREASE INTERCEPTOR ASSEMBLY TO BE H-20 TRAFFIC LOAD RATED - INCLUDING TANK, TANK LID, CHIMNEYS, AND MANHOLE RING & COVER.*
5. *NO CAPPED TEES.*

227 GREASE INTERCEPTOR
NTS



GENERAL NOTE:

1. *MATERIAL: ASTM-A48 CLASS 30B GRAY IRON.*
2. *RING WT: 150 LBS. APP.*
3. *COVER WT: 130 LBS. APP.*

230 RING AND COVER
NTS

Consultant:
MPH CIVIL CONSULTANTS, INC.
MPH Civil Consultants, Inc.
Civil Engineering Services
P.O. Box 1121 Odessa, FL 33556
813.731.0052
duane@mphcivil.com : www.mphcivil.com
H. Duane Milford, P.E. No. 42657
FLORIDA PROFESSIONAL ENGINEER No.
FLORIDA CA NO. 30727

Developer:
BRAVOFLORIDA, LLC.
3018 U.S. HIGHWAY 301 N.
SUITE NO. 100
TAMPA, FL. 33619
(813) 374.2413

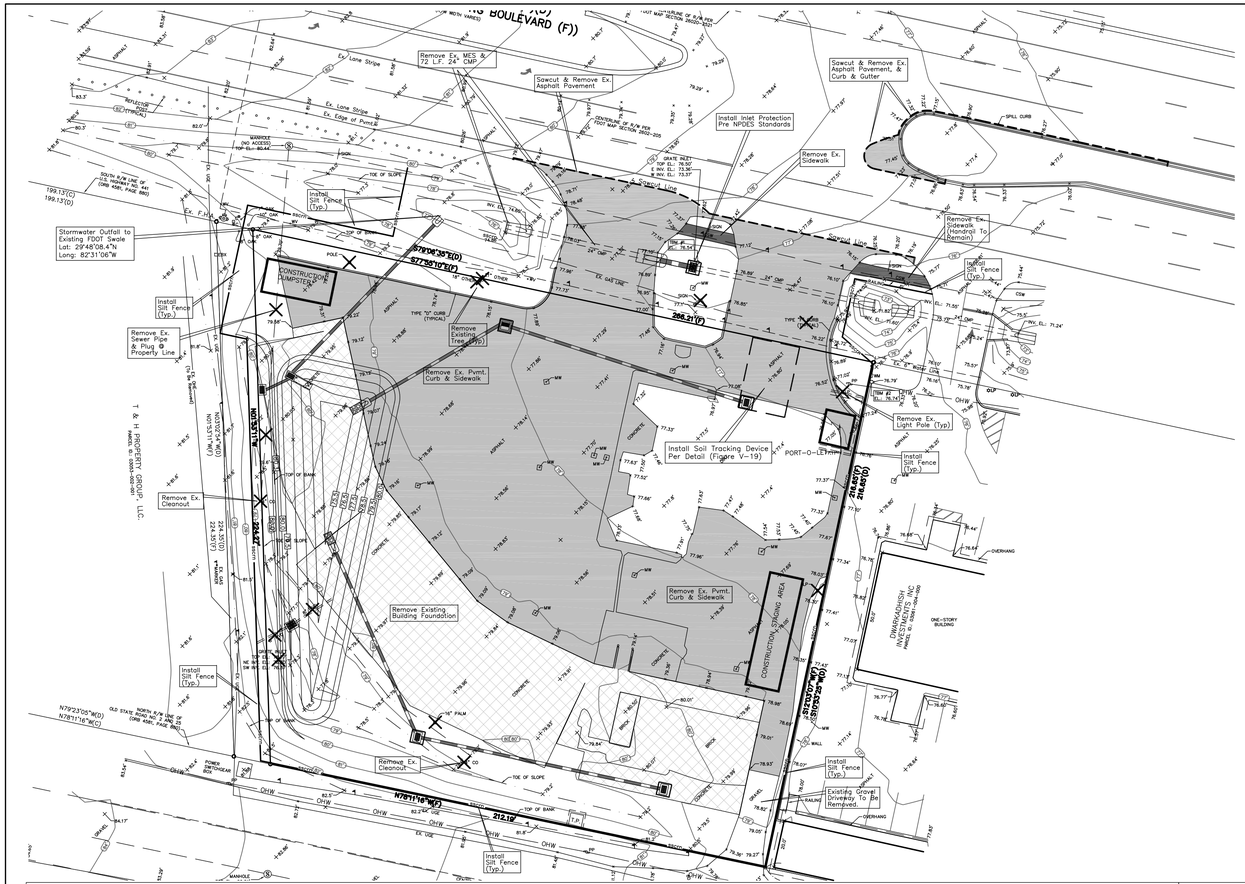
REVISIONS

No.	DESCRIPTION	DATE	BY
1	Revised Per City Comments	2.18.20	RK
2			

CIVIL DETAILS

BURGER KING
16130 NW U.S. HIGHWAY 441
CITY OF ALACHUA, FLORIDA

SCALE: NTS
DATE: 12.20.19
CAD FILE: C10-DTLS
JOB NUMBER: ALACHUA COUNTY
SHEET **C10**



DEMOLITION LEGEND

- EXIST. TREE TO BE REMOVED
- IMPROVEMENT TO BE REMOVED
- SILT SCREEN
- SAWCUT LINE
- EX. ELEVATION POINT
- EX. PAVEMENT TO BE REMOVED
- EX. BUILDING FOUNDATION TO BE REMOVED
- EX. SIDEWALK TO BE REMOVED
- NPDES INLET PROTECTION

EXISTING LEGEND

ABBREVIATIONS

AC	AIR CONDITIONER	ID	IDENTIFICATION
(C)	CALCULATED MEASUREMENT	LB	LICENSED BUSINESS NUMBER
CO	CLEAN OUT	LP	LIGHT POLE
CONC	CONCRETE	LS	LICENSED SURVEYOR
CSW	CONCRETE SIDEWALK	MW	MONITORING WELL
(D)	DEED MEASUREMENT = CALL	NAVD	NORTH AMERICAN VERTICAL DATUM
(F)	FIELD MEASUREMENT	NGVD	NATIONAL GEODETIC VERTICAL DATUM
EBX	ELECTRIC BOX	OHW	OVERHEAD WIRE
EL.	ELEVATION	ORB	OFFICIAL RECORDS BOOK
EM	ELECTRIC METER	(P)	PLAT MEASUREMENT = CALL
FCM	FOUND CONCRETE MONUMENT	PP	POWER POLE
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION	PRM	PERMANENT REFERENCE MONUMENT
		PSM	PROFESSIONAL SURVEYOR & MAPPER
F.F.	FINISHED FLOOR	R/W	RIGHT-OF-WAY
FIP	FOUND IRON PIPE	SCIR	SET CAPPED IRON ROD
FCIR	FOUND CAPPED IRON ROD	SND	SET NAIL AND DISK
FIR	FOUND IRON ROD	SV	SEWER VALVE
FND	FOUND NAIL AND DISK	TBM	TEMPORARY BENCHMARK
FPP	FOUND PINCHED PIPE	WM	WATER METER
INV.	INVERT	WV	WATER VALVE

SYMBOLS

- BACKFLOW PREVENTION DEVICE
- CABLE RISER
- GRATE INLET
- SANITARY SEWER STRUCTURE
- SPOT ELEVATION
- STORM STRUCTURE
- TELEPHONE PEDESTAL
- TRAFFIC SIGNAL JUNCTION BOX
- TRAFFIC SIGNAL POLE (UNLESS OTHERWISE DESIGNATED)
- FIRE HYDRANT
- SIGN
- BOLLARD
- TREE LOCATION (SIZE AND TYPE AS NOTED)
- UTILITY FLAG ELECTRIC
- UTILITY FLAG COMMUNICATIONS
- UTILITY FLAG GAS
- UTILITY FLAG RECLAIMED WATER
- UTILITY FLAG SANITARY/STORM SEWER
- UTILITY FLAG WATER
- WOOD FENCE
- METAL FENCE
- PVC FENCE

BENCHMARKS:

CONTROL BENCHMARK:
STATION IS A SET CONCRETE MONUMENT WITH FDOT BRASS DISK STAMPED BM1 2602018. RT C/L FROM THE INTERSECTION OF SR25 & I-75, PROCEED NORTH ON SR 25 .42 MILES TO THE MARK ON THE RIGHT.

EL.: 89.45' (NAVD88)

TBM #1:
STATION IS A NAIL AND DISK STAMPED "EBI LB-7652" LOCATED 84.9' NORTHWEST OF THE NORTHEAST CORNER OF SUBJECT PARCEL.

EL.: 76.54' (NAVD88)

TBM #2:
STATION IS A NAIL AND DISK STAMPED "EBI LB-7652" LOCATED 8.24' SOUTHEAST OF THE NORTHEAST CORNER OF SUBJECT PARCEL.

EL.: 76.74' (NAVD88)

GRAPHIC SCALE

30 0 15 30 60

(IN FEET)
1 inch = 30 ft.

GENERAL NOTES:

1. FILTER FABRIC SHALL BE INSTALLED WITHIN INLETS WHERE APPLICABLE.
2. ALL TREES TO REMAIN SHALL BE BARRICADED PRIOR TO DEMOLITION.
3. SILT FENCE SHALL BE INSTALLED PRIOR TO DEMOLITION AND REMAIN INTACT THROUGHOUT CONSTRUCTION.
4. THE SITE SHALL UTILIZE A SOIL TRACKING PREVENTION SYSTEM THAT IS CONSISTENT WITH THE DETAIL INCLUDED WITH THIS PLAN.

DEWATERING NOTE:

1. PER GEOTECHNICAL REPORT NO GROUNDWATER ENCOUNTERED WITHIN 9.5' BELOW GRADE AT TIME OF STUDY – JAN. 2020.
2. THE GROUNDWATER LEVEL MAY FLUCTUATE IN RESPONSE TO SEASONAL VARIATION IN RAINFALL, TO SURFACE DRAINAGE FEATURES AND OTHER FACTORS. HIGH GROUNDWATER LEVEL MAY OCCUR NEAR A DEPTH OF ABOUT 7 TO 8 FEET BELOW THE EXISTING SITE GRADES.
3. THE PROPERTY HAS BEEN DESIGNATED AS A CONTAMINATED SITE. THE REMEDIAL ACTION PLAN IDENTIFIED AS FDEP FACILITY #0185001183 HAS BEEN APPROVED.

STORMWATER OPERATIONS AND MAINTENANCE INSTRUCTIONS:

OPERATION: BURGER KING IS RESPONSIBLE FOR O&M OF THE ONSITE STORMWATER SYSTEM. The stormwater system is a gravity system consisting of pipes, inlets, and overland flow to a Detention Pond. The Control Structure discharges to the existing FDOT Drainage Swale. There will be no operation instructions necessary in order for the system to function.

MAINTENANCE:
Maintenance of the system shall consist of the following:
1) INLET AND PIPE MAINTENANCE

a.) MAINTENANCE: The structures of the system consist of inlets with grated covers and interconnected storm drain piping system. Periodic inspection inspection of these items shall consist of removing the grated covers and checking and removing for trash or debris that may have accumulated inside the structure restricting the flow necessary to the function of the system. The bottom of the inlets shall be vacuumed out on a yearly basis.

2) POND AND SWALE
The swales and pond shall be sodded and shall be mowed on a regular basis and cleaned of any debris.

DEMOLITION NOTES:

1. ALL DEMOLITION SHALL MEET CITY OF ALACHUA AND F.D.O.T. SPECIFICATIONS AT A MINIMUM.
2. FILTER FABRIC SHALL BE INSTALLED WITHIN INLETS WHERE APPLICABLE.
3. SILT FENCE SHALL BE INSTALLED PRIOR CONSTRUCTION AND REMAIN INTACT THROUGHOUT CONSTRUCTION.
4. CONTRACTOR SHALL COORDINATE WITH UTILITY PROVIDERS FOR THE LOCATION OF THAT UTILITY AND ITS REMOVAL OR RELOCATION.
5. CONTRACTOR WILL RESTORE ALL ROAD SIGNAGE DISTURBED BY DEMOLITION.
6. THE SITE SHALL UTILIZE A SOIL TRACKING PREVENTION DEVICE IN ACCORDANCE WITH FIGURE V-19 OF THE FLORIDA EROSION AND SEDIMENT CONTROL MANUAL.
7. ALL EXISTING IMPROVEMENTS SHALL BE DEMOLISHED AND REMOVED FROM THE SITE.
8. ONSITE MONITORING WELLS TO BE ABANDONED AND NEW MONITORING WELL TO BE INSTALLED BY AHS–GEAR, LLC AS PART OF THE REMEDIAL ACTION PLAN. REFERENCE FAC ID#01/8500183.

CONSTRUCTION SURFACE WATER MANAGEMENT PLAN

The following notes have been been developed for the Contractor's use in generating a Stormwater Pollution Prevention Plan in accordance with the Florida Department of Environmental Protection's (FDEP) Generic Permit For Stormwater Discharge from large and small Construction Activities. The aforementioned Construction General Permit (CGP) constitutes authorization to discharge stormwater associated with industrial activity to surface waters under the EPA's "National Pollutant Discharge Elimination System" (NPDES).

The following entities are identified as team members of SWPPP: The Developer as identified on the cover sheet of these plans, and the site contractor and his subcontractors. Each team member has specific responsibilities and obligations. In general, all team members, with regard to their involvement and responsibilities on the project, are to implement all necessary stormwater management controls to assure compliance with the CGP, the Southwest Florida Water Management District Permit and the guidelines listed in the SWPPP. The duties and responsibilities of the team members as they pertain to the SWPPP are as follows:

Developer

A. Submit and obtain the necessary design–related stormwater permits from the Florida Department of Environmental Protection, the South Florida Water Management District and other applicable governmental bodies.

B. Submit to SFWMD and the operator of the municipal separate stormwater system, if applicable, a copy of the Notice of Intent.

Contractor

A. Upon notification by the developer of his intent to commence construction, submit a Notice of Intent to the Department of Environmental Protection on behalf of the developer, along with the Certification of the Stormwater Pollution Prevention Plan. Also, submit the SFWMD permit number or completeness letter if the permit number is not yet available. This submittal will be made no later than 48 hours prior to beginning of construction.

B. Develop Stormwater Pollution Prevention Plan (SWPPP including, but not limited to, retention/detention ponds, control structures, erosion control methods and locations and stabilization criteria). This design is depicted within these construction plans and the following notes and instructions.

C. During construction, assure compliance with the designed Stormwater Pollution Prevention Plans and the FDEP Generic Permit For Stormwater Discharge From Construction Activities That Disturb Five or More Acres of Land.

D. Maintain a copy of the construction plans, which include the Stormwater Pollution Prevention Plan, the NOI and all inspection reports and certifications on site.

E. Undertake all reasonable Best Management Practices (BMPs) to assure that silted or otherwise polluted stormwater is not allowed to discharge from the site during all phases of construction. Stabilization BMP's that may be used include: temporary or permanent seeding, mulching, geotextiles, sodding, vegetative buffer strips, protection of trees and preservation of mature vegetation. Structural erosion and sediment control BMP's that may be used include: straw bale dikes, silt fences, earth dikes, brush barriers, drainage swales, check dams, subsurface drain, pipe slope drain, level spreaders, storm drain inlet protection, outlet protection, sediment traps, and temporary sediment basins. Detention ponds shall be used as temporary sediment basins. Additional BMP's that may need to be implemented include: Provide protected storage areas for chemicals, paints, solvents, fertilizers, and other potentially toxic materials; Providing waste receptacles at convenient locations and provide regular collection of wastes, including building material wastes; Minimizing off–site tracking of sediments; Making adequate preparations, including training and equipment, to contain spills of oil and hazardous materials; Complying with applicable state or local waste disposal, sanitary sewer or septic system regulations and the use of appropriate pollution prevention measures for allowable non–storm water components of discharge.

F. Notify the developer in writing of any non–storm water pollution sources which are being stored, or otherwise used during the construction of the project, i.e., fertilizers, fuels, pesticides, other chemicals. This notification should be accompanied with the contractor's design and methods to prevent pollution run–off from these sources.

G. Develop a maintenance and inspection plan which includes, but is not limited to the following:

1. The specific areas to be inspected and maintained that includes all the disturbed areas and material storage areas of the site.
2. The erosion and sediment controls identified in the SWPPP to be maintained and inspected and those additional controls which the contractor deems necessary.
3. Maintenance procedures.
4. The procedure to follow if additional work is required or whom to call.
5. Inspections and maintenance forms.
6. The personnel assigned to each task.

H. Complete and submit a Notice of Termination. The NOT shall be submitted no more than 14 days after completion of the project and final stabilization of the site. Final stabilization as defined by FDEP is when all soil disturbing activities at the site have been completed and uniform (e.g. evenly distributed, without large bare areas) perennial vegetative cover with a density of 70 % of the native background vegetative cover for the area has been established on all unpaved areas and areas not covered by permanent structures. As an alternative, equivalent permanent stabilization measures (such as rip rap, gabions, or geotextiles) may be employed. The contractor shall notify the Engineer and developer when this criteria is met.

I. The following shall be inspected a minimum of once a week or within 24 hours after 0.25 inches of rainfall:

1. Stabilization measures (once a month if fully tabilized).
2. Structural controls.
3. Discharge points.
4. Construction entrances and exits.
5. Areas used for storage of exposed materials.

J. An inspection form shall be completed for each inspection. Any permit violations should be noted and corrective measures to be taken shall be noted. If revisions to the SWPPP are needed, a report form for changes in the SWPPP shall be completed and a copy sent to the developer. The original shall be kept on–site as documentation of the change. If the inspection passes, a certification that the facility is in compliance with the SWPPP and the Generic Permit must be signed by one of the following:

1. The principal executive officer or ranking elected official of the operator of the SWPPP.
2. A duly authorized representative of the principal executive official of the operator of the SWPPP.

K. Retain inspection reports and certifications for at least three years.

L. Initiate site stabilization measures no more than 14 days after construction activities have temporarily or permanently ceased on any major portion of the site except when construction will resume within 21 days.

M. Sign and submit to to the developer certification that construction and final stabilization as defined under Part E of the developer section of the SWPPP has been completed.

N. The contractor is responsible for implementation of each measure identified in the SWPPP and shall provide documentation certifying that before conducting any professional service identified in the SWPPP: That under penalty of law that I understand the terms and conditions of the generic stormwater permit issued pursuant to Section 403.0885, F.S., that authorizes the stormwater discharges associated with industrial activity from the construction site identified as part of this certification.

GENERAL EROSION AND TURBIDITY CONTROL NOTES

1. The contractor shall be responsible for installation and maintenance of all erosion and turbidity control and the quality and quantity of offsite or wetland discharges.
2. The appropriate turbidity and erosion control methodologies selected by the contractor for this project should be made following assessment of the plans and project engineer and appropriate agencies. The contractor will be responsible for obtaining any necessary permits for such activity. Several factors to consider are listed below:
   A. Clay content in excavated materials and/or permeability rates
   B. Depth of cut in ponds or utility lines
   C. Ambient ground water levels
   D. Actual rainfall amounts and time of year, relative to normal rainy season
   E. Proximity to wetlands, water bodies or offsite properties
   F. "Class" designation of receiving water bodies (i.e., outstanding Florida waters, shellfish harvesting areas, etc.)
   G. Density, type and proximity of upland vegetation to be retained during construction (for use as possible filtration areas)
   H. Fill height relative to natural grade and length and steepness of proposed slopes
   I. Existing topography and directions of surface flow
   J. Type of equipment used
   K. Project type
   L. Duration of construction activities
   M. Separation distance of onsite ponds
   N. Ambient quality of surface and groundwater
   O. Temporary stockpile locations and heights
3. At the onset of construction, the contractor, as the party responsible for implementation of the erosion and sediment control, shall assess the above described conditions and factors with respect to relative cost effectiveness and select the appropriate methods of protection. We provide a fairly extensive list of techniques below but stress that any or all of the following may be necessary to maintain water quality and quantity standards. The construction sequencing should be thought out in advance of initiation to provide adequate protection of water quality.
4. Discharges which exceed 29 N.T.U.'s over the background levels are in violation of state water quality standards. Discharges of water quantities which affect offsite properties or may damage wetlands are also prohibited by state permits.
5. The erosion and turbidity control measures shown hereon are the minimum required for agency approval. Additional control and measures may be required due to the contractors construction sequence and unforeseen weather conditions. Any additional measures deemed necessary by the contractor shall be included in the lump sum bid.
6. Silt screens shall be installed prior to land clearing to protect water quality and to identify area to be protected from clearing activities.
7. Floating turbidity barriers shall be in place in flowing systems or in open water lake edges prior to initiation of earthwork.
8. The installation of temporary erosion control barriers shall be coordinated with the construction of the permanent erosion control features to the extent necessary to assure economical, effective and continuous control of erosion and water pollution throughout the life of the construction phase.
9. The type of erosion control barriers used shall be governed by the nature of the construction operation and soil type that will be exposed. Silty and clayey material may require solid sediment barriers to prevent turbid water discharge, while sandy material may need only silt screens to prevent erosion. Floating turbidity curtains should generally be used in open water situations. Diversion ditches or swales may be required to prevent turbid stormwater runoff from being discharged to wetlands or other water bodies. It may be necessary to employ a combination of barriers, ditches, and other erosion/turbidity control measures if conditions warrant.
10. Where pumps are to be used to remove turbid water from construction areas, the water shall be treated prior to discharge to the wetlands. Treatment methods include, for example, turbid water being pumped into grassed swales or appropriate upland vegetated areas, sediment basins, or confined by an appropriate enclosure such as turbidity barriers or low berms, and kept confined until its turbidity level meets State Water Quality Standards.
11. The Permittee shall schedule his operations such that the area of unprotected erodible earth exposed at any one time is not larger than the minimum area necessary for efficient construction operation, and the duration of exposed, uncompleted construction to the elements shall be as short as practicable. Clearing and grubbing shall be so scheduled and performed such that grading operations can follow immediately thereafter. Grading operations shall be so scheduled and performed that permanent erosion control features can follow immediately thereafter if conditions on the project permit.
12. Water derived from various dewatering methods should be passed through sufficiently wide areas of existing upland vegetation to filter out excess turbidity. If this in not sufficient, the water should be retained in previously constructed permanent stormwater ponds or else retained in temporary sedimentation basins until the clarity is suitable to allow for its discharge. Plugging the outfalls from completed stormwater ponds may be needed to avoid discharge. However, such situations should be monitored closely to preclude berm failure if water levels rise too high.
13. Water can be transported around the site by the use of internal swales or by pumps and pipes.
14. Sheet flow of newly filled or scraped areas may be controlled or contained by the use of brush barriers, diversion swales, interceptor ditches or low berms. Flow should be directed toward areas where sediments can sufficiently settle out.
15. Exposed soils should be stabilized as soon as possible, especially slopes leading to wetlands. Stabilization methods include solid sod, seeding and mulching or hydromulching to provide a temporary or permanent grass cover, mulch blankets, filter fabrics, etc. can be employed to provide vegetative cover.
16. Energy dissipaters (such as rip rap, a gravel bed, etc.) shall be installed at the discharge point of pipes or swales if scouring is observed.
17. Attempt to install roadway curb and gutters as soon as possible to reduce the surface area for erosion to occur.
18. Implement storm drain inlet protection (Silt Screen) to limit sedimentation within the stormwater system. Perform inspections and periodic cleaning of sediments which wash out into the streets until all ground leading to them is stabilized.
19. Water discharge velocities from impounded areas and temporary sedimentation basins shall be restricted of avoid scouring in receiving areas.
20. If water clarity does not reduce to state standards rapidly enough in holding ponds, it may be possible to use chemical agents such as alum to flocculate or coagulate the sediment particles.
21. Silt screens, or gravel beds can be added around the pipe or swale discharge points to help clarify discharges. Spreader swales may help dissipate cloudy water prior to contact with wetlands.
22. All fuel storage areas or other hazardous storage areas shall conform to accepted state or federal criteria for such containment areas.
23. Vehicle or equipment washdown areas will be sufficiently removed from wetlands or offsite areas.
24. Fugitive dust controls (primarily by using water spray trucks) shall be employed as needed to control wind born emissions.
25. If the above controls remain ineffective in precluding release of turbid water, especially during pond or utility line dewatering, then the contractor may be compelled to use vertical dewatering system such as well points or sock drains to with drew groundwater which may already be clear enough to allow for direct discharge to wetlands. Due to the comparatively high cost of this method, it is expected that it will be reserved for use as a last resort.
26. Ongoing inspections and periodic maintenance by the contractor shall occur throughout construction as necessary to insure the above methods are working suitable. This may be needed as often as daily if conditions

STATE OF FLORIDA E&SC DESIGNER & REVIEWER MANUAL: LATEST EDITION: JULY 2013

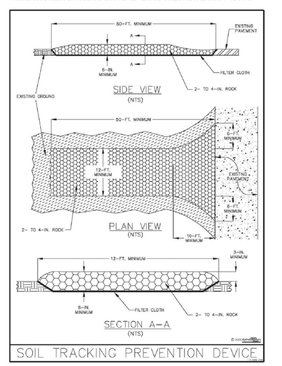


Figure V-19: Illustration of a Soil Tracking Prevention Device

STATE OF FLORIDA E&SC DESIGNER & REVIEWER MANUAL: LATEST EDITION: JULY 2013

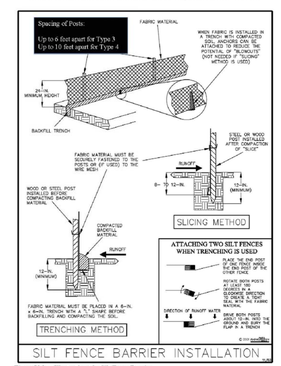


Figure V-2: Illustration of a Silt Fence Barrier

Permission is given by Hydro Dynamics Incorporated for the copy and reproduction this detail

Consultant:
MPH CIVIL CONSULTANTS, INC.
MPH Civil Consultants, Inc.
Civil Engineering
P.O. Box 1121 Odessa, FL 33556
813.731.0052
duane@mphcivil.com : www.mphcivil.com
H. Duane Milford, P.E. No. 42657
FLORIDA PROFESSIONAL ENGINEER No.
FLORIDA CA NO. 30727

Developer:
BRAVOFLORIDA, LLC.
3018 U.S. HIGHWAY 301 N.
SUITE NO. 100
TAMPA, FL. 33619
(813) 374.8848

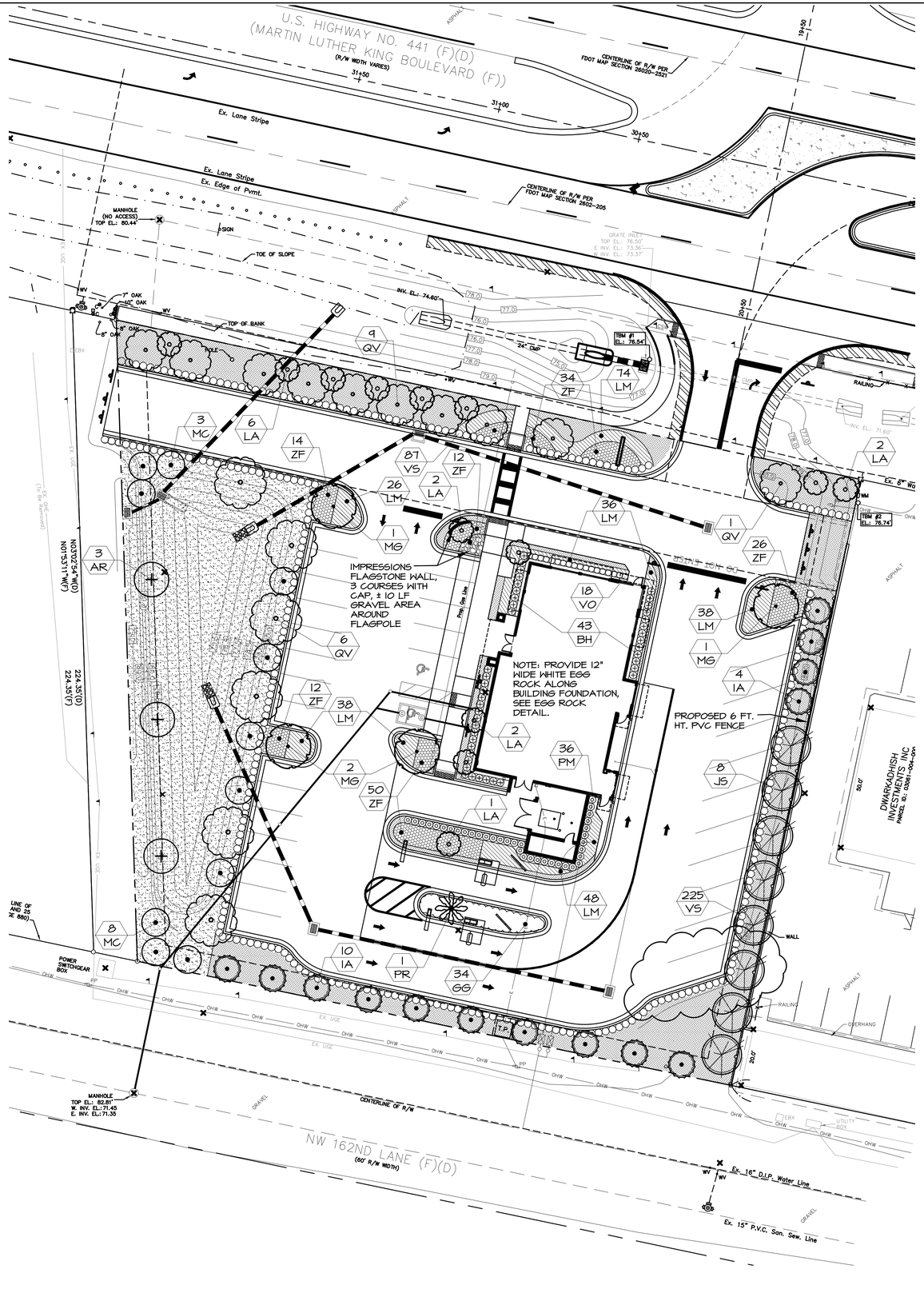
REVISIONS

No.	DESCRIPTION	DATE	BY
1.			
2.			

SWPPP

BURGER KING
16130 NW U.S. HIGHWAY 441
CITY OF ALACHUA, FLORIDA

SCALE: 1"=20'
DATE: 5.28.20
CAD FILE: C11–SWPPP
JOB NUMBER: ALACHUA US–441
SHEET C11



PLANT MATERIAL LIST

SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS	NATIVE	SPACING
PR	1	PHOENIX ROEBELLENII	*PYGMY DATE PALM*	5' OVERALL HEIGHT, TRIPLE STEM	NO	AS SHOWN
MG	4	MAGNOLIA "D D BLANCHARD"	*D D BLANCHARD MAGNOLIA*	10' HT X 5' SPD, 2" CAL, 30 GALLON	YES	AS SHOWN
QV	16	QUERCUS VIRGINANA	*LIVE OAK*	10' HT X 5' SPD, 2" CAL, 30 GALLON	YES	AS SHOWN
AR	3	ACER RUBRUM	*RED MAPLE*	10' HT X 5' SPD, 2" CAL, 30 GALLON	YES	AS SHOWN
JS	8	JUNIPERUS SILICICOLA	*RED CEDAR*	10' HT X 4' SPD, 2" CAL, 30 GALLON	YES	AS SHOWN
IA	14	ILEX ATTENUATA "EAGLESTON"	*EAGLESTON HOLLY*	8' HT X 4' SPD, 2" CAL, 30 GALLON	YES	AS SHOWN
LA	13	LAGERSTROEMIA INDICA 'MUSKOGEE'	*LAVENDER CRAPE MYRTLE*	8' HT X 4' SPD, MULT-STEM, 30 GALLON	NO	AS SHOWN
MC	11	MYRICA CERIFERA	*WAX MYRTLE*	8' HT X 4' SPD, MULT-STEM, 30 GALLON	YES	AS SHOWN
PM	36	PODOCARPUS MACROPHYLLUS	*PODOCARPUS*	48" HT X 30" SPD, 15 GALLON	NO	30" OC
VS	307	VIBURNUM SUSPENSUM	*SANDANKWA VIBURNUM*	24" HT X 24" SPD, 7 GALLON	NO	30" OC
VO	18	VIBURNUM SUSPENSUM	*SANDANKWA VIBURNUM*	24" HT X 24" SPD, 7 GALLON	NO	24" OC
GG	34	GALPHIMA GRACILIS	*YELLOW THRYALLIS*	24" HT X 24" SPD, 3 GALLON	NO	30" OC
ZF	148	ZAMIA FLORIDANA	*COONTIE*	15" HT X 15" SPD, 3 GALLON	NO	30" OC
BH	43	ILEX CORNUTA 'BURFORDII COMPACTA'	*DWARF BURFORD HOLLY*	18" HT X 18" SPD, 3 GALLON	NO	30" OC
LM	260	LIRIOPE MUSCARI 'SUPER BLUE'	*SUPER BLUE LIRIOPE*	10" HT X 10" SPD, 1 GALLON	NO	24" OC

CODE REQUIREMENTS

INTERIOR REQUIREMENTS

ONE TREE / 1,800 SF
28,060 VUA / 1,800 SF = 16 TREES X 0.5 = 8 TREES
10 SHRUBS PER LANDSCAPE ISLAND
7 ISLANDS X 10 = 70 SHRUBS
184 SHRUBS PROVIDED

PERIMETER / BUFFER REQUIREMENTS

NORTH - 242 LF / 100 = 2.42
2.42 X 4 = 10 CANOPY TREES
2.42 X 3 = 8 UNDERSTORY TREES

EAST - PARKING LOT BUFFER 190 LF / 100 = 1.90
1.90 X 4 = 8 CANOPY TREES
1.90 X 2 = 4 UNDERSTORY TREES
TYPE A BUFFER, OPTION 3
6 FT. HT. PVC FENCE PROPOSED

SOUTH - 190 LF / 100 = 1.90 (OVERHEAD POWER LINES)
PARKING LOT BUFFER 1.90 X 4 = 8 CANOPY TREES
1.90 X 2 = 4 UNDERSTORY TREES

WEST - PARKING LOT BUFFER 160 LF / 100 = 1.6
1.6 X 4 = 6 CANOPY TREES
1.6 X 2 = 3 UNDERSTORY TREES
TYPE A BUFFER, OPTION 1
200 / 60 = 3 CANOPY TREES
200 / 60 = 3 UNDERSTORY TREES

57 TREES TOTAL PERIMETER

FOUNDATION
90 LF / 100 = 0.9
0.9 X 4 = 4 TREES

TOTAL TREES REQUIRED
8 + 57 + 4 = 69 TREES
69 TREES PROVIDED

LANDSCAPE INSTALLATION NOTES

1) ALL PLANT MATERIALS SHALL BE FLORIDA #1 OR BETTER AS GIVEN IN, GRADES AND STANDARDS FOR NURSERY PLANTS, LATEST EDITION, PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.

2) LOCATION OF PLANTS ON THE PLAN ARE DIAGRAMMATIC- SEE THE LANDSCAPE ARCHITECT FOR QUESTIONS ON EXACT LOCATIONS. THE PLANT MATERIALS LIST IS PROVIDED FOR THE CONVENIENCE OF THE LANDSCAPE CONTRACTOR. SHOULD THERE BE ANY DISCREPANCY BETWEEN THE PLANT LIST AND THE PLAN, THE PLAN SHALL PREVAIL.

3) IT IS THE LANDSCAPE CONTRACTORS RESPONSIBILITY TO INSURE THAT ALL PLANT BED AREAS HAVE PROPER DRAINAGE FOR OPTIMUM GROWTH OF LANDSCAPE MATERIAL BEFORE INSTALLATION BEGINS.

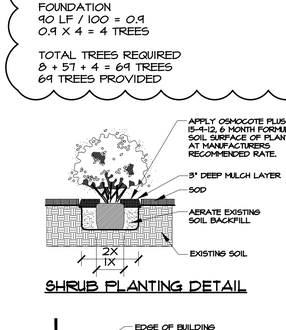
4) THE CONTRACTOR SHALL INSURE THAT ALL PLANTING ISLANDS AND OTHER AREAS SHALL BE CLEAN OF TRASH, CONSTRUCTION DEBRIS, OR OTHER WASTE MATERIALS TO A DEPTH OF 24" PRIOR TO LANDSCAPE INSTALLATION.

5) ALL PLANT BEDS AND TREE RINGS SHALL BE TREATED WITH A PRE-EMERGENT HERBICIDE AND THEN TOP-DRESSED WITH 3" DEEP TRIPLE SHREDDED BLACK MULCH. ALL NEW TREES SHALL BE STAKED.

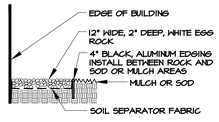
6) NEW SOD SHALL BE EMPIRE ZOYSIA SOD ± 6,200 S.F., AND ARGENTINE BAHIA ± 8,150 S.F., IN THE LOCATIONS SHOWN ON THE PLAN. CONTRACTOR SHALL DETERMINE EXACT QUANTITIES IN THE FIELD. SOD AREAS SHALL BE MAINTAINED BY THE CONTRACTOR FROM THE TIME OF INSTALLATION TO THE TIME OF FINAL ACCEPTANCE.

7) TREES SHRUBS, AND GROUND COVER SHALL BE INSTALLED USING THE FOLLOWING PROCEDURE: PLANT PITS SHALL BE EXCAVATED TO TWICE THE DIAMETER OF THE PLANT ROOT BALL. AERATE EXISTING SOIL BEFORE BACKFILLING PIT.

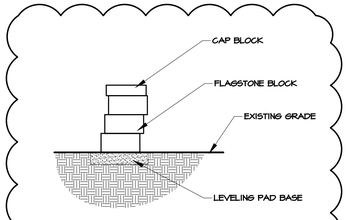
8) TREE INSTALLATION: ALL REQUIRED TREES SHALL BE INSTALLED 1" - 2" ABOVE FINISH GRADE. TREES INSTALLED OR BURIED TOO DEEP SHALL BE RESET TO THIS STANDARD. REMOVE THE TOP 1/3 OF THE WIRE BASKETS ON ALL B & B STOCK.



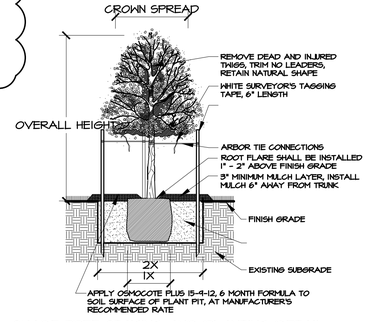
SHRUB PLANTING DETAIL



EGG ROCK INSTALLATION DETAIL

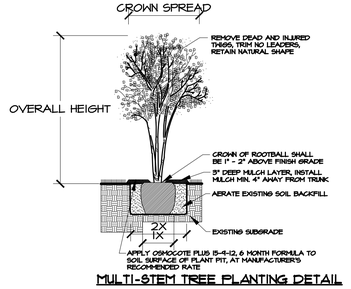


FLAGSTONE WALL DETAIL



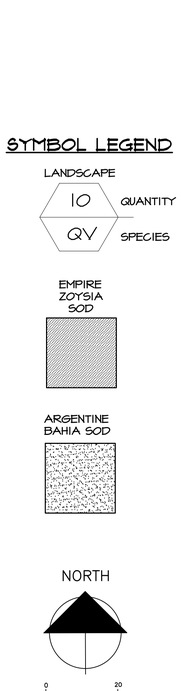
SHADE TREE STAKING AND PLANTING DETAIL

CONTRACTOR SHALL REMOVE STAKING AND GUYING MATERIALS AFTER ONE GROWING SEASON.



MULTI-STEM TREE PLANTING DETAIL

SYMBOL LEGEND



L. ALYSON UTTER
FLORIDA LANDSCAPE ARCHITECT No. LA0001163

Consultant:
ANDERSON LESNIAK LIMITED, INC.
landscape architects land planners
4921 S. WESTSHORE BOULEVARD
TAMPA, FLORIDA 33611
(813) 831-9595 FAX 831-5485
anderson.lesniak@tampabay.rr.com
www.andersonlesniak.net

Developer:
BRAVOFLORIDA, LLC.
3018 U.S. HIGHWAY 301 N.
SUITE NO. 100
TAMPA, FL. 33619
(813) 374.8848

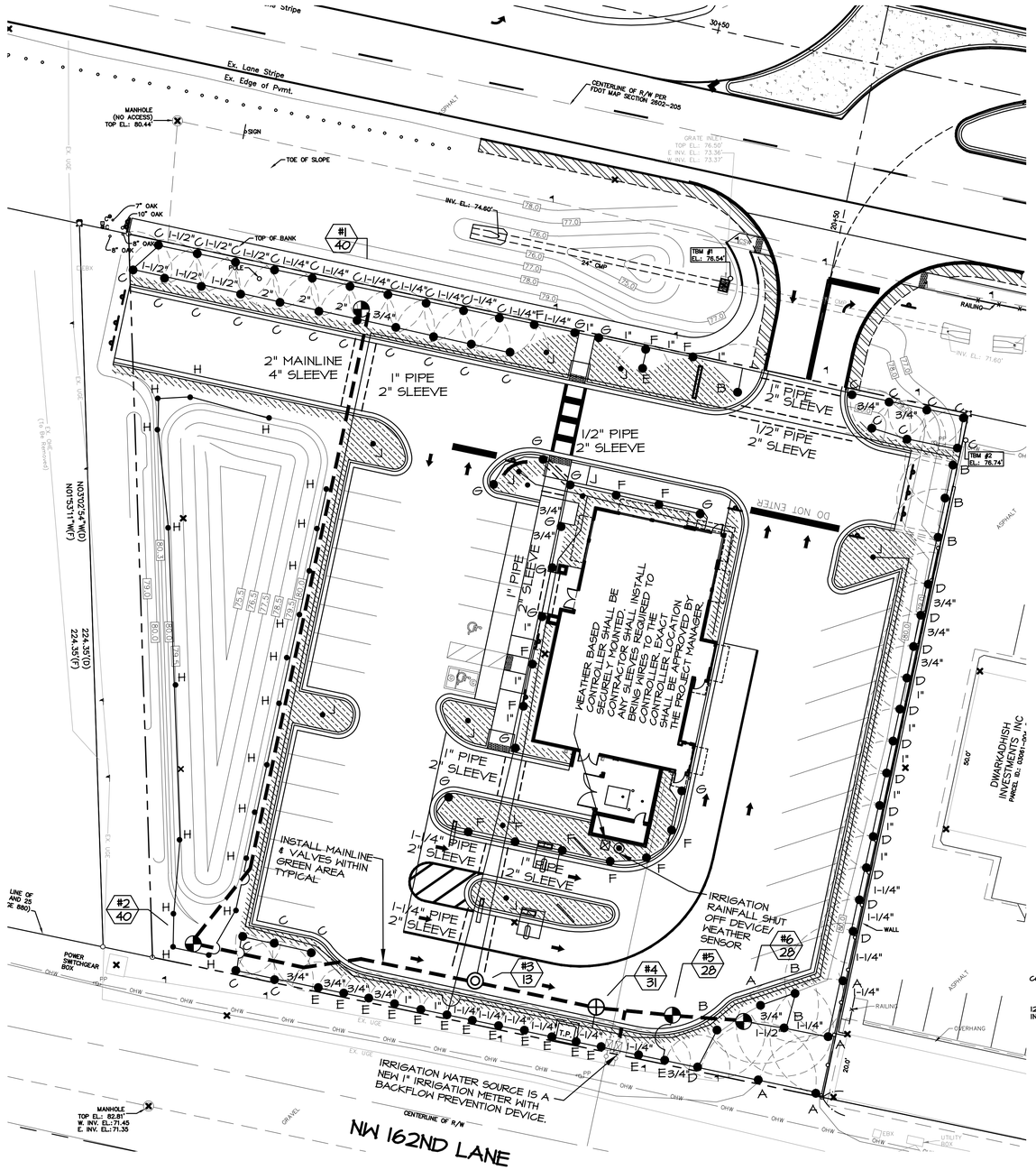
NO.	DESCRIPTION	BY	DATE
1	PER REVIEW COMMENTS	BC	6/23/20

LANDSCAPE PLAN

BURGER KING
16130 NW U.S. HIGHWAY 441
CITY OF ALACHUA, FLORIDA

SCALE: 1"=20'
DATE: 01.21.20
CAD FILE: L-22
JOB NUMBER: ALACHUA COUNTY
SHEET L-1

S:\Projects 2020\20102 Burger King @ US 441 Alachua\2 CIVIL\L-22.dwg - Jun 23, 2020 @ 10:32am



NORTH

SCALE 1" = 20' – 0"

SYMBOL KEY

IRRIGATION

#1 ZONE NUMBER

28 ZONE GPM

IRRIGATION MATERIAL LIST

SYMBOL	QUANTITY	MODEL NUMBER
A ●	6	1806-18-VAN, 6" POP-UP SPRAY
B ●	6	1806-HE-VAN-15, 6" POP-UP SPRAY
C ●	33	1806-HE-VAN-12, 6" POP-UP SPRAY
D ●	13	1806-HE-VAN-10, 6" POP-UP SPRAY
E ●	15	1806-HE-VAN-8, 6" POP-UP SPRAY
F ●	13	1806-1555T-4X30, SIDE STRIP, 6" POP-UP SPRAY
G ●	12	1806-15E5T-4X15, END STRIP, 6" POP-UP SPRAY
H ●	20	1401-0.25, PRESSURE COMPENSATING BUBBLER
J ●	10	1408-2.0, PRESSURE COMPENSATING BUBBLER
	± 3,155 LF	XFD-09-12-250, LANDSCAPE DRIPLINE
⊕	4	150-PEB-PRS-D, ELECTRICAL VALVE
⊕	1	XCZ-PRB-100-COM, 1" CONTROL ZONE KIT
◎	1	XCZ-PRB-150-COM, 1.5" CONTROL ZONE KIT
— — —	± 380 LF	2" PVC, SCHEDULE 40 MAIN LINE
☒	1	ESP-SMTE, 6 STATION CONTROLLER
⦿	1	WEATHER SENSOR INCLUDED WITH CONTROLLER

DRIP INSTALLATION NOTES

1) DRIPLINE SHALL BE LAID DIRECTLY UNDER THE 3" MULCH BED. MULCHING OF PLANT BEDS SHALL OCCUR AFTER DRIPLINE INSTALLATION.

2) DRIPLINE SHALL COVER THE FULL EXTENT OF ALL PLANTING BEDS WHERE IT IS INDICATED ON THE DRAWINGS, AT A SPACING OF 18" ON CENTER. ON THE DRIPLINE ZONES, THE ELECTRIC VALVE, DISC FILTER, AND PRESSURE REGULATOR SHALL BE PLACED UNDERGROUND IN A PLASTIC VALVE BOX WITH COVER. ADJUST PRESSURE REGULATOR TO ACCOMMODATE EACH ZONE.

3) INDIVIDUAL SECTIONS OF DRIPLINE SHALL BE CONNECTED USING PVC PIPE, SIZED AS PER GPM REQUIREMENTS. DRIPLINE SHALL BE STAPLED OR OTHERWISE FASTENED TO THE FINISH GRADE EVERY 4' ON CENTER.

IRRIGATION SYSTEM INFORMATION

TOTAL NUMBER OF ZONES: 6
WATER SOURCE: 1" POTABLE IRRIGATION METER
TOTAL LANDSCAPE AREA: 19,406 SF
HIGH VOLUME AREA: 9,548 SF
LOW VOLUME AREA: 9,858 SF
PERCENT OF THE LANDSCAPED AREA IN HIGH VOLUME IRRIGATION: 49%

IRRIGATION INSTALLATION NOTES

1) ALL QUANTITIES SHOWN ON THE DRAWINGS ARE NOT GUARANTEED AS TO ACCURACY AND ARE SHOWN FOR THE PURPOSES OF INDICATING VOLUME OF WORK. IT SHALL BE THE RESPONSIBILITY OF THE BIDDER TO SATISFY HIMSELF AS TO THE ACCURACY OF THE QUANTITIES.

2) PIPING OR VALVES MAY SOMETIMES BE INDICATED AS BEING LOCATED IN UNLIKELY AREAS; I.E., IN BUILDINGS, UNDER PAVEMENT, OR OUTSIDE OF THE PROPERTY LINES. THIS IS DONE FOR GRAPHIC CLARITY ONLY. WHENEVER POSSIBLE, PIPING IS TO BE INSTALLED IN SOIL AREAS.

3) INSTALL IRRIGATION SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES.

4) PIPE SIZES ARE LABELED AT LOCATIONS WHERE AN INCREASE IN SIZE OCCURS. CONTINUE PIPE SIZE UNTIL SIZE INCREASE IS INDICATED. PIPES SHALL BE INSTALLED ALONG WALKS, CURBS OR WALLS, THEY SHALL NOT BE INSTALLED IN THE MIDDLE OF PLANTERS. CONTRACTOR SHALL REVIEW LANDSCAPE PLANS TO DETERMINE TREE AND PALM LOCATIONS. MAIN LINE AND LATERALS SHALL BE SCH 40 PVC.

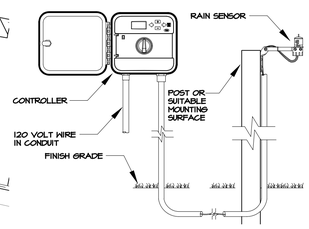
5) ALL POP-UP SPRAY AND ROTOR HEADS SHALL BE INSTALLED ON 18" LONG FLEX PIPE CONNECTIONS. RISERS SHALL BE 28" IN HEIGHT OR 4" ABOVE ADJACENT SHRUBS. ALL IRRIGATION EQUIPMENT SHALL BE BY HUNTER, UNLESS OTHERWISE STATED ON THE PLAN.

6) WATER SOURCE IS A NEW 1" IRRIGATION WATER METER. IRRIGATION SYSTEM REQUIRES 40 GPM AT 40 PSI. WIRING USED FOR CONNECTING THE VALVES TO THE CONTROLLER SHALL BE TYPE UF, 16 AWG WIRE, WITH PVC INSULATION. ZONE WIRES SHALL BE COLOR CODED, AND COMMON WIRE SHALL BE WHITE. VALVE BOXES SHALL BE CARSON MODEL 1220-12, 12" X 21"X 14" RECTANGLE, WITH GREEN LID. PLACE 3" DEEP LAYER OF GRAVEL INSIDE EACH VALVE BOX.

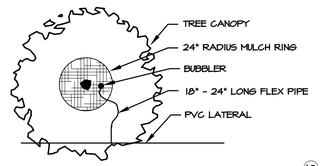
7) NEW CONTROLLER SHALL BE WALL MOUNTED IN THE LOCATION SHOWN ON THE PLAN AND AS APPROVED BY THE PROJECT MANAGER. AFTER 30 DAY PLANT MATERIAL ESTABLISHMENT PERIOD, CONTROLLER SHALL BE SET AS PER LOCAL WATER RESTRICTIONS. AFTER IRRIGATION SYSTEM INSTALLATION IS COMPLETE, CONTRACTOR SHALL PROVIDE THE OWNER WITH AN AS-BUILT DRAWING SHOWING LOCATION OF IRRIGATION HEADS, VALVES AND PIPE.

8) PIPING ON THE PLAN IS DIAGRAMMATICALLY ROUTED FOR CLARITY. DESIGN MODIFICATIONS SHALL BE MADE TO MEET FIELD CONDITIONS. THE PIPING SCHEMATIC IS DESIGNED TO MINIMIZE TRENCHING. WHENEVER POSSIBLE RUN MULTIPLE LINES AND WIRE IN THE SAME TRENCH.

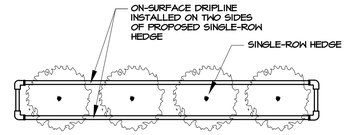
9) WHERE EXISTING OR PROPOSED PAVED SURFACES CROSS IRRIGATION LINES, ALL PIPING UNDER SAID SURFACES SHALL BE IN SLEEVES. SLEEVES SHALL BE SCH 40 PVC, MINIMUM 2" DIAMETER OR AS SPECIFIED ON PLAN. WHERE EXISTING PAVEMENTS MUST BE CUT TO INSTALL IRRIGATION PIPE, SAW CUT SIX INCHES WIDER THAN THE NEEDED TRENCH. REPAIR CUTS WITH AN EQUIVALENT MATERIAL TO MATCH EXISTING.



CONTROLLER WITH RAIN SENSOR

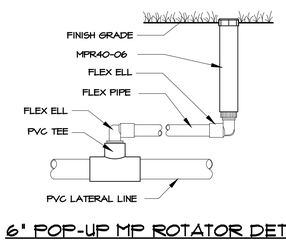


BUBBLER DETAIL

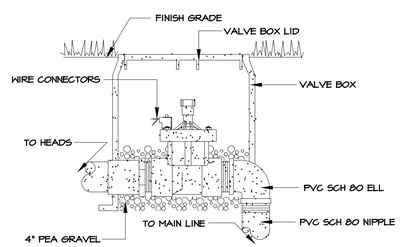


SINGLE-ROW HEDGE DRIPLINE DETAIL

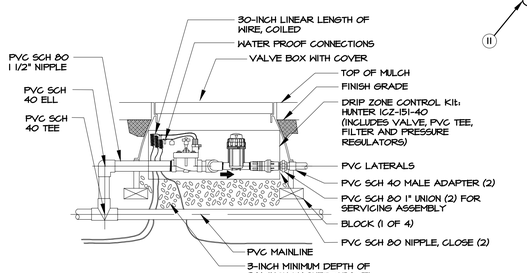
NOTE: TOTAL LENGTH OF DRIPLINE SHALL NOT EXCEED 250 LF



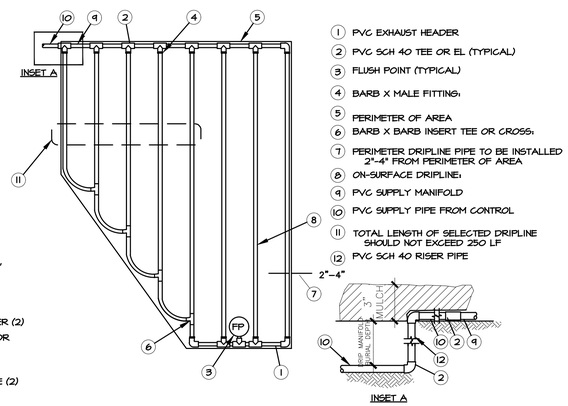
6" POP-UP MP ROTATOR DETAIL



ELECTRIC VALVE DETAIL



DRIP CONTROL ZONE KIT



1. PVC EXHAUST HEADER
2. PVC SCH 40 TEE OR EL (TYPICAL)
3. FLUSH POINT (TYPICAL)
4. BARB X MALE FITTING.
5. PERIMETER OF AREA
6. BARB X BARB INSERT TEE OR CROSS.
7. PERIMETER DRIPLINE PIPE TO BE INSTALLED 2"-4" FROM PERIMETER OF AREA
8. ON-SURFACE DRIPLINE.
9. PVC SUPPLY MANIFOLD
10. PVC SUPPLY PIPE FROM CONTROL
11. TOTAL LENGTH OF SELECTED DRIPLINE SHOULD NOT EXCEED 250 LF
12. PVC SCH 40 RISER PIPE

ON-SURFACE DRIPLINE INSTALLATION

L. ALYSON UTTER
FLORIDA LANDSCAPE ARCHITECT No. LA0001163

Consultant:
ANDERSON LESNIAK LIMITED, INC.
landscape architects land planners
4921 S. WESTSHORE BOULEVARD
TAMPA, FLORIDA 33611
(813) 831-9595 FAX 831-5485
anderson.lesniak@tampabay.rr.com
www.andersonlesniak.net

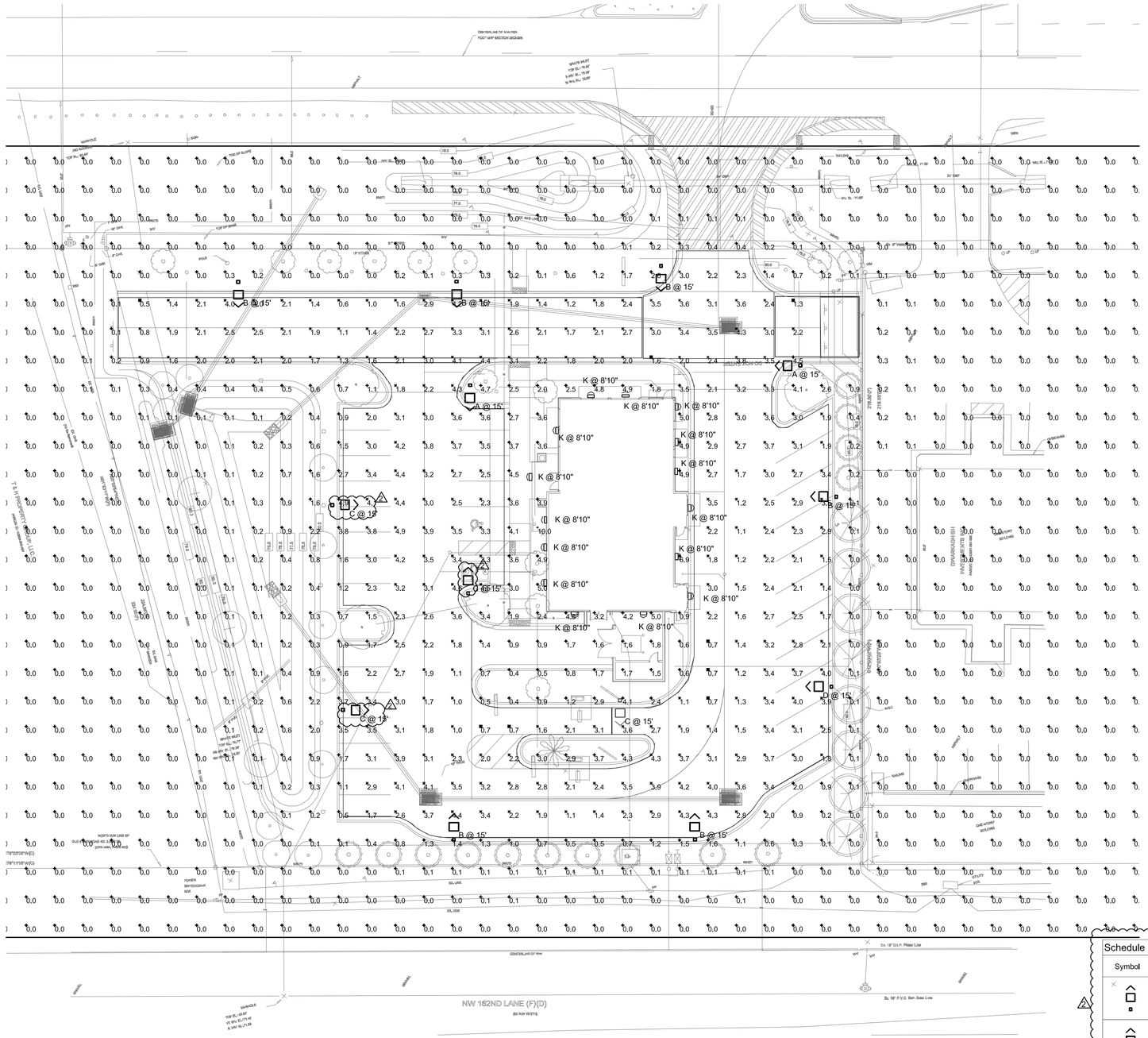
Developer:
BRAVOFLORIDA, LLC.
3018 U.S. HIGHWAY 301 N.
SUITE NO. 100
TAMPA, FL. 33619
(813) 374.8848

IRRIGATION PLAN

BURGER KING
16130 NW U.S. HIGHWAY 441
CITY OF ALACHUA, FLORIDA

SCALE: 1"=20' | DATE: 02.27.20
CAD FILE: L-22
JOB NUMBER: ALACHUA COUNTY
SHEET L-2

S:\Projects 2020\20102 Burger King @ US 441 Alachua\2 CIVIL\L-22.dwg — Jun 23, 2020 @ 10:44am



1 EP-1 PHOTOMETRIC PLAN

1/4" = 1'-0"

LIGHTING GENERAL NOTES:

1. BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POSITIONS
2. THIS LIGHTING PATTERN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS UTILIZING CURRENT INDUSTRY STANDARDS LAMP RATINGS IN ACCORDANCE WITH THE ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS AND OTHER VARIABLE FIELD CONDITIONS.
3. THESE CALCULATIONS WERE DERIVED USING A COMMERCIAL COMPUTER SOFTWARE. THE FOOT CANDLE LEVELS WERE DERIVED FROM MANUFACTURER PROVIDED IES FILES WITH FIXTURES LOCATED WHERE SHOWN, WITH INDICATED MOUNTING HEIGHT. TREES AND SHRUBS AT THIS PROPERTY LOCATIONS WHERE TAKEN INTO ACCOUNT FROM LANDSCAPE PLANS.
4. CONTRACTOR SHALL PROVIDE ALL PERIMETER ASSEMBLIES WITH FIELD INSTALLED PAINTED ALUMINUM EXTERNAL HOUSE SHIELDS TO LIMIT LIGHT SPILL AT THE PROPERTY LINE IF NECESSARY.
5. FOR TYPICAL CONDITIONS LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH LOCAL COUNTY LAND DEVELOPMENT CODE AND ANY LIGHTING ORDINANCE. LIGHTING CAN BE AUTOMATICALLY EXTINGUISHED NO LATER THAN ONE HOUR AFTER THE CLOSE OF BUSINESS OR FACILITY OPERATION AND/OR USE BY THE PUBLIC. AFTER-HOURS SECURITY LIGHTING MAY BE PERMITTED WHEN SUCH LIGHTING DOES NOT EXCEED 50 PERCENT OF THE NUMBER OF LUMINARIES OR THE ILLUMINATION LEVEL REQUIRED OR PERMITTED DURING REGULAR NIGHTTIME OPERATION HOURS.
6. IT IS RECOMMENDED THAT A CRIME STUDY IS DONE FOR THE AREA TO DETERMINE IF HIGHER LEVES OF LIGHTING IS REQUIRED. THE DESIGN LEVELS USED WERE UNDER NORMAL CONDITIONS. ALTHOUGH LIGHTING CAN NOT GUARANTEE SECURITY IT MAY BE NECESSARY TO INCREASE TO HIGHER LEVELS IF SAFETY AND SECURITY IS AN ISSUE.
7. ELECTRICAL PLANS SHALL CONTAIN SPECIFICATIONS FOR EXTERIOR LIGHTING CONTROL DIAGRAM AND SEQUENCE OF EVENTS FOR FUNCTIONALITY. CONSULT ELECTRICAL PLANS.
8. ALL ELECTRICAL WORK DONE MUST BE IN COMPLIANCE WITH NATIONAL ELECTRICAL CODE 2014, AND FLORIDA BUILDING CODE 2017, 6TH EDITION.
9. PHOTOMETRIC PLANS WERE DESIGNED PER ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA), AND THE CITY OF ALACHUA LIGHTING STANDARDS LAND DEVELOPMENT CODE.
10. FREE-STANDING LIGHTS POLES SHALL BE PROTECTED AND LOCATED IN AREAS THAT PREVENT THEM FROM BEING EASILY DAMAGED BY VEHICLES AND OTHER EQUIPMENT.

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Boundary	+	0.1 fc	0.6 fc	0.0 fc	N/A	N/A
ENTRY	+	3.0 fc	4.3 fc	1.6 fc	2.7:1	1.9:1
OTHERS 2	+	1.8 fc	2.2 fc	1.3 fc	1.7:1	1.4:1
OTHERS 1	+	2.2 fc	4.4 fc	0.5 fc	8.8:1	4.4:1
PARKING LOT	+	2.8 fc	4.9 fc	0.7 fc	7.0:1	4.0:1
TOTAL LOT	+	0.9 fc	6.9 fc	0.0 fc	N/A	N/A

Schedule

Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Number Lamps	Filename	Lumens Per Lamp	Light Loss Factor	Wattage
	A	2	LSI INDUSTRIES, INC	SLM-LED-09L-SIL-FT-50-70CRI	Slice medium - SLM Outdoor LED Area light @15'AFF	1	SLM-LED-09L-SIL-FT-50-70CRI.IES	9941	0.8	68.2
	B	6	LSI INDUSTRIES, INC	SLM-LED-09L-SIL-FT-50-70CRI-IL	Slice medium - SLM Outdoor LED Area light @15'AFF	1	SLM-LED-09L-SIL-FT-50-70CRI-IL.ies	6352	0.8	68.2
	C	4	LSI INDUSTRIES, INC	SLM-LED-09L-SIL-FT-50-70CRI	Slice medium - SLM Outdoor LED Area light @15'AFF	1	SLM-LED-09L-SIL-FT-50-70CRI.IES	9941	0.8	68.2
	K	15	Cree Inc	LS0000006	Radius wall sconce with gray half circle housing and clear flat glass lens on both sides. 18 LEDs on white PCB at the bottom, 6 LEDs on white PCB on the top.	1	RS-30WLED-DOWN ONLY.ies	2497	0.8	29,4
	D	1	LSI INDUSTRIES, INC	SLM-LED-12L-SIL-FT-50-70CRI-IL	Slice medium - SLM Outdoor LED Area light @15'AFF	1	SLM-LED-12L-SIL-FT-50-70CRI-IL.ies	8399	0.8	93.1

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY CARLOS M. ORAMA, PE USING DIGITAL SIGNATURE AND DATE WITH THIRD PARTY VERIFICATION. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED.

NRO	DATE	DESCRIPTION	BY
0	01.21.19	ORIGINAL	MAI
1	2.18.20	PLAN REVIEW	MAI
2	6.11.20	PLAN REVIEW	MAI
3			
4			
5			
6			

PREPARED BY
CPD ELECTRICAL POWER DESIGNS
P.O. BOX 272351 TAMPA, FL 33688
PH. 813-425-4882
FAX 813-425-4883
EMAIL CMA@CPDFL.COM

CARLOS M. ORAMA, PE.
ELECTRICAL ENGINEER
PE #60205
CA #27385

CLIENT: BRAVO FLORIDA LLC

PROJECT: BK ALACHUA

ADDRESS: 16130 NW US HWY 441 ALACHUA, FL 32615

SHEET NAME: PHOTOMETRIC PLAN

CARLOS M. ORAMA LICENSE No. 60205 STATE OF FLORIDA PROFESSIONAL ENGINEER

SHEET E-1

Catalog # :	Project :
Prepared By :	Date :

Slice Medium - SLM
Outdoor LED Area Light

The Slice's sleek design makes it perfectly-suited for Commercial & Industrial applications, while its cost-effective die-cast aluminum housing makes its acquisition cost very competitive. The Slice offers high performance silicone optics, die cast aluminum housing, 42,000+ lumens and is available with integral Airlink Synapse controls.

Features & Specifications

Optical System

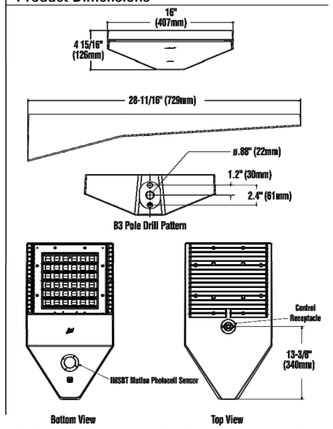
- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated sealed optical chamber in 1 component.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in IES Types 2, 3, 5W, FT and FTA.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K, 3000K, and 2700K color temperatures per ANSI C78.377. Also Available in Phosphor Converted Amber with Peak Intensity at 610nm.
- Minimum CRI of 70.
- Integral Louver (IL) option available for improved back-light control without sacrificing street side performance. See page 5 for more details.

Electrical

- High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 Vac) Input 50/60 Hz or optional High Voltage (347-480 Vac).
- L80 Calculated Life: >100k Hours (See Lumen Maintenance on Page 3)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 42L lumen package rated to +40°C.
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.

Dimmable · Wireless Controls · Bluetooth · IP66 · ARRA Funding Compliant · cULus Listed · Buy American Act Compliant · RoHS Compliant · Title 24 2013 · IDA Dark Sky Approved · DLC · DLC Premium

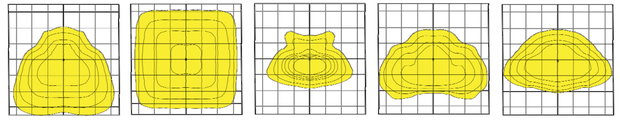
Product Dimensions



Slice Medium - SLM
Outdoor LED Area Light

Performance (Cont.)

All published luminaire photometric testing performed to IESNA LM-79 standards. ISO footcandle plots below demonstrate the Slice (SLM) light patterns only. Not for total fixture output. For complete specifications and IES files, see website.



Ordering Guide

TYPICAL ORDER EXAMPLE: **SLM LED 36L SIL FTA UNV DIM 50 70CRI ALSCS04 BRZ IL**

Luminaire Prefix	Light Source	Lumen Package*	Light Output	Distribution	Orientation[2]	Voltage	Driver
SLM Slice Medium	LED	9L - 9,000 lms 12L - 12,000 lms 18L - 18,000 lms 24L - 24,000 lms 30L - 30,000 lms 36L - 36,000 lms 42L - 42,000 lms *Consult factory for programmable wattages and lumen packages	SIL - Silicone	2 - Type 2 3 - Type 3 5W - Type 5 Wide FT - Forward Throw FTA - Forward Throw Automotive	(blank) - standard L - Optics rotated left 90 R - Optics rotated right 90	UNV - Universal Voltage (120-277V) HV - High Voltage (347-480V)	DIM - 0-10V Dimming (0-10%)

Color Temp	Color Rendering	Controls (Choose One)	Finish	Options
50 - 5,000 CCT 40 - 4,000 CCT 30 - 3,000 CCT[3] 27 - 2,700 CCT[3] AMB - Phosphor Converted Amber[4,5]	70CRI - 70 CRI	**(Blank) - None** **Wireless Controls System** ALSC - AirLink Synapse Control System [6] ALSCH - AirLink Synapse Control System Host / Satellite[4,5] ALSCSS1 - AirLink Synapse Control System with 8-12' Motion Sensor [4] ALSCHSS1 - AirLink Synapse Control System Host / Satellite with 8-12' Motion Sensor [4,5] ALSCSS2 - AirLink Synapse Control System with 12-20' Motion Sensor[4] ALSCHSS2 - AirLink Synapse Control System Host / Satellite with 12-20' Motion Sensor [4,5] ALSCS04 - AirLink Synapse Control System with 20-40' Motion Sensor [4] ALSCHS04 - AirLink Synapse Control System Host / Satellite with 20-40' Motion Sensor [4,5] **Stand-Alone Controls** EXT - 0-10V Dimming leads extended to housing exterior CR7P - 7 Pin Control Receptacle ANSI C136.41 [7] IMSBT1 - Integral Bluetooth® Motion and Photocell Sensor max 8-24' mounting height [4,8] IMSBT2 - Integral Bluetooth Motion and Photocell Sensor max 25-40' mounting height [4,8] **Button Type Photocells** PC1128 - 120V PC2280-277 - 208 -277V PC3347 - 347V	BRZ - Bronze BLK - Black GPT - Graphite MSV - Metallic Silver WHT - White PLP - Platinum Plus SVG - Satin Verde Green	(Blank) - None IL - Integral Louver HSS[1]

LSI Industries Inc. 10000 Alliance Rd. Cincinnati, OH 45242 • www.lsi-industries.com • (513) 372-3200 • ©LSI Industries Inc. All Rights Reserved. 03/17/20

Radius Wall Sconce
HID / LED
RS Series

CATALOG #	LAMP	DISTRIBUTION
RS	100PSMH – 100W Pulse Start Metal Halide 30WLED – 20W LED (DO only) 42WLED – 32W LED (UD only)	UD – Uplight / Downlight DO – Downlight only

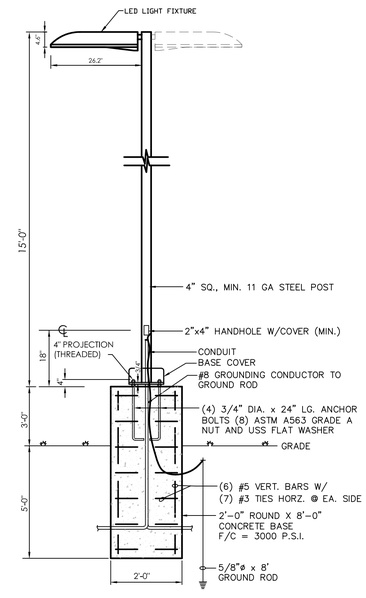
FINISH	VOLTAGE	FEATURES
DB – Dark Bronze SV – Platinum Silver	MT – Multi-Tap 120 – 277V *(available for PSMH lamps only)* 120 – 120V (available for LED lamps only)	• Clear Tempered Glass Lens • Die cast aluminum housing • Single piece gasket

COMPLIANCE	DIMENSIONS	WARRANTY
UL Listed for Wet Locations. IP66 Rated DLC Listed for LED downlight only **(R910995C-DO-20W-50K)**	18"W x 7"H x 9"D	One-year limited warranty for PSMH fixtures. Five-year limited warranty for LED fixtures. Certain exclusions apply. For details, see warranty document attached.

CREE
INTEGRATED LIGHTING SOLUTIONS

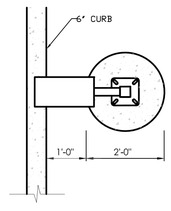
© 2013 Cree, Inc. All Rights Reserved. The information in this document is subject to change without notice.
Cree Integrated Lighting Solutions offers a full line of quality lighting products from Cree, Inc. and other manufacturers, including the product depicted above.

Cree, Inc. 9201 Washington Ave | Racine, WI 53406 | Phone: 800-288-8650 | Fax: (800) 236-7500 | nationalaccounts@cree.com | www.cree.com/lighting/ILS



15' AREA LIGHT SIDE VIEW

NTS



15' AREA LIGHT PLAN VIEW

NTS

POLE NOTES:

1. ALL WORK MUST BE DONE PER FBC 2017 6TH EDITION, THE NATIONAL ELECTRICAL CODE (NEC) 2014 AND LOCAL COUNTY AHJ.
2. CONTRACTOR SHALL PROVIDE ALL HARDWARE NECESSARY TO COMPLETE THE INTENDED INSTALLATION.
3. CONTRACTOR WILL BE REQUIRED TO SUBMIT CALCULATIONS FOR POLE MANUFACTURER, SEALED BY STRUCTURAL ENGINEER LICENSED IN THE STATE OF FLORIDA, TO CERTIFY CONFORMANCE OF EACH ENTIRE POLE AND FIXTURE ASSEMBLY TO THE FLORIDA BUILDING CODE AND REQUIRED WIND LOADS.
4. ALL POLE LIGHTS SHALL BE INSTALLED AT HEIGHT INDICATED ON THIS PLAN FROM GRADE. CONSULT WITH MANUFACTURER AND STRUCTURAL ENGINEER LICENSED IN THE STATE OF FLORIDA FOR POLE BASE REQUIREMENTS.
5. EACH POLE LIGHTS SHALL BE PROVIDED WITH HAND HOLES MINIMUM 6" X 4". THEY SHALL BE SIZED TO CONTAIN ALL FUSE HOLDERS, CONNECTOR KITS, AND GROUND ROD. ALL CONNECTIONS SHALL BE WATERPROOF.
6. EACH POLE LIGHTS SHALL HAVE A 3/4" X 10' COPPER CLAD GROUND ROD CONNECTED BY A #4 BARE COPPER CONDUCTOR. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL BE BONDED TO THE GROUND ROD. ALL GROUNDING AND BONDING MUST COMPLY WITH NEC 250.

PREPARED BY
CPD ELECTRICAL POWER DESIGNS
P.O. BOX 272351 TAMPA, FL 33688
PH 813-425-4882
FAX 813-425-4883
EMAIL: cpdesign@tampa.rr.com

CARLOS M. ORAMA, PE.
ELECTRICAL ENGINEER
PE #60205
CA #27385

NRO	DATE	DESCRIPTION	BY
0	01.21.19	ORIGINAL	MAI
1	2.18.20	PLAN REVIEW	MAI
2	6.11.20	PLAN REVIEW	MAI
3			
4			
5			
6			

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY CARLOS M. ORAMA, PE USING DIGITAL SIGNATURE AND DATE WITH THIRD PARTY VERIFICATION. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED.

CARLOS M. ORAMA LICENSE No. 60205 STATE OF FLORIDA PROFESSIONAL ENGINEER

CLIENT: BRAVO FLORIDA LLC
PROJECT: BK ALACHUA
ADDRESS: 16130 NW US HWY 441 ALACHUA, FL 32615
SHEET NAME: LIGHTING SPECS

SHEET
E-2

COL. AT THKD WINDOW WALL

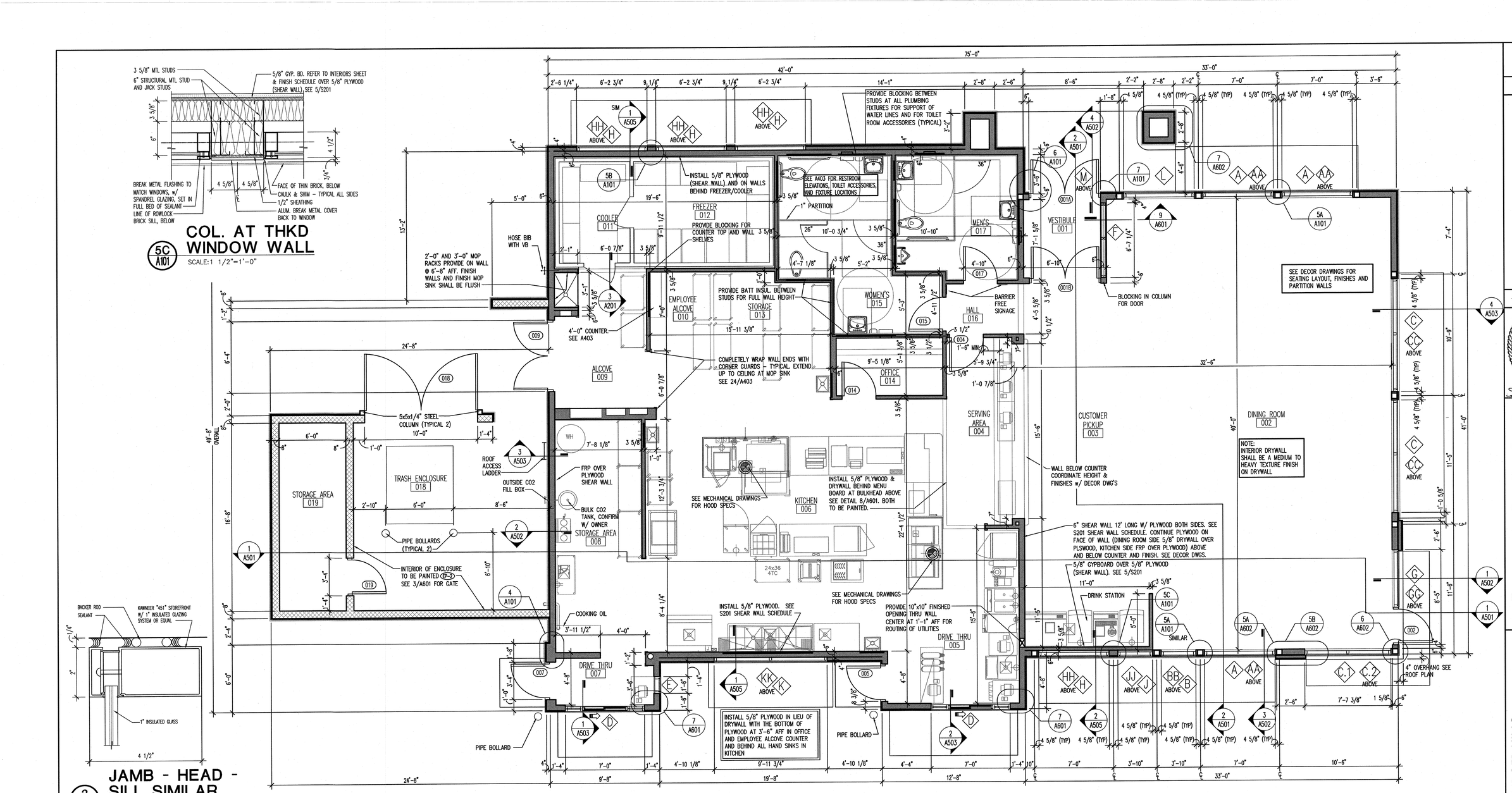
5C / A101

SCALE:1 1/2"=1'-0"

JAMB - HEAD - SILL SIMILAR

3 / A101

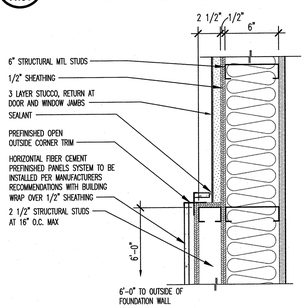
SCALE:NOT TO SCALE



FLOOR PLAN

1 / A101

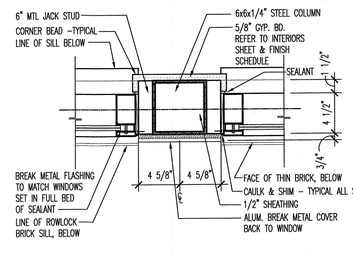
SCALE:1/4"=1'-0"



PLAN DETAIL

4 / A101

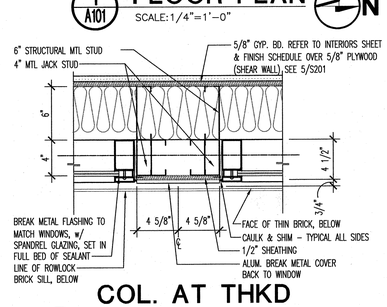
SCALE:1 1/2"=1'-0"



COL. AT WINDOW WALL

5A / A101

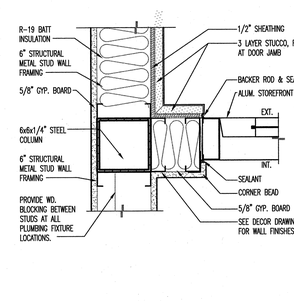
SCALE:1 1/2"=1'-0"



COL. AT THKD WINDOW WALL

5B / A101

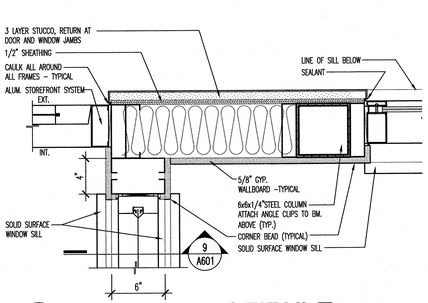
SCALE:1 1/2"=1'-0"



DTL AT MAIN ENTRY

6 / A101

SCALE:1 1/2"=1'-0"



DTL AT VESTIBULE

7 / A101

SCALE:1 1/2"=1'-0"

NOTES:

1. 3-5/8" METAL STUD @ 16" O.C. W/ 5/8" GYP BOARD UNLESS NOTED OTHERWISE
   SECURE BOTTOM METAL TRACK TO CONCRETE SLAB w/ RAMSET FASTENERS, TWO MIN. PER SECTION, 2'-0" O.C. MAX AND 12" MAX. FROM END OF PIECE. AT INTERIOR METAL STUDS, EXTEND GYP. BD. TO 4" ABOVE HIGHEST ADJACENT CEILING. PROVIDE 2x FIRE BLOCKING BETWEEN STUDS AT EACH CEILING HEIGHT.
2. 6" STRUCTURAL STUD @ 16" O.C. W/ 5/8" GYP BOARD TO STRUCTURE ABOVE- UNLESS OTHERWISE NOTED (EXTERIOR WALLS). SECURE BOTTOM METAL TRACK OF EXTERIOR 6" STRUCTURAL STEEL STUD WALL w/ 5/8" DIAMETER x 12"LONG BOLTS (W/ 8" MIN. EMBEDMENT) @ 6'-0" O.C. MAX. TWO BOLTS MIN. PER PIECE AND 12" MAX FROM END OF PIECE UNLESS NOTED OTHERWISE ON SHEAR WALL SCHEDULE ON SHEET S201.
3. ALL FINISH DIMENSIONS SHALL MEET ADA REQUIREMENTS.
4. SUBSTRATE PANELS:
   KITCHEN-CREW-RESTROOMS
   -5/8" USG 'DUROCK' PANELS AT FINISH FLOOR TO 1'-4" A.F.F.
   -5/8" WATER RESISTANT GYP BOARD FROM 1'-4" A.F.F. TO 4" ABOVE FINISHED CEILING.
   -PROVIDE ALTERNATE BID OF 5/8" USG 'FIBEROCK' PANELS IN LIEU OF DUROCK.

   DINING ROOM - CORRIDOR
   -5/8" TYPE USG 'SHEETROCK', 'X' GYPSUM WALL BOARD. FINISH: CORONADO PAINT
   -LIGHT ORANGE PEEL APPLIED WITH CORONODA AIR ASSIST TP (Z-122K0) OR EQUAL. (INTERIOR SURFACE)

   EXTERIOR WALLS. (INTERIOR SURFACE)
   -5/8" USG 'SHEETROCK', BRAND GLASS-MAT PANELS-MOLD TOUCH, FIRECODE X OR EQUAL
5. STAINLESS STL PANELS BELOW AND 18" WIDE AT EACH SIDE OF HOOD SUPPLIED BY HOOD MFG AND INSTALLED BY G.C.
6. CAN WASH - DUROCK SUBSTRATE ON ALL THREE SIDES, FLOOR TO CEILING.
7. SEE A403 FOR RESTROOM ELEVATIONS, TOILET ACCESSORIES & FIXTURE LAYOUTS.
8. BUILDING WRAP ON EXTERIOR WALLS TO BE TYVEK OR EQUAL, MEETING ICC-ES AC38 STANDARDS, TYPICAL FOR WATER RESISTANCE AND AIR BARRIER REQUIREMENTS.
9. RAINSCREEN DRAINAGE ON EXTERIOR WALLS TO BE SURE CAVITY MTL
10. ALL DIMENSIONS ARE TO FACE OF FRAMING, UNLESS OTHERWISE NOTED.
11. INSTALL 5/8" PLYWOOD IN LIEU OF DRYWALL WITH THE BOTTOM OF PLYWOOD AT 3'-6" AFF IN OFFICE AND EMPLOYEE ALCOVE AND BEHIND ALL HAND SINKS IN KITCHEN.

DATE	BY	DESCRIPTION	REV.

This concepts, designs, plans, details and other information as shown on this document are the sole property of JPR and were created, developed, and prepared for use on this specific project. Any use, publication, or disclosure without the written permission of JPR, 2020 JPR - All Rights Reserved.

STATE OF FLORIDA
STEVEN J VANDENBURG
AR97395
REGISTERED ARCHITECT
3-13-2020

JONES PETRIE RAFINSKI
Fort Wayne, IN p: 260.422.2322
South Bend, IN p: 574.232.4388
Elkhart, IN p: 574.293.7762
ARCHITECTURAL: AA26003364
ENGINEERING: CA32769

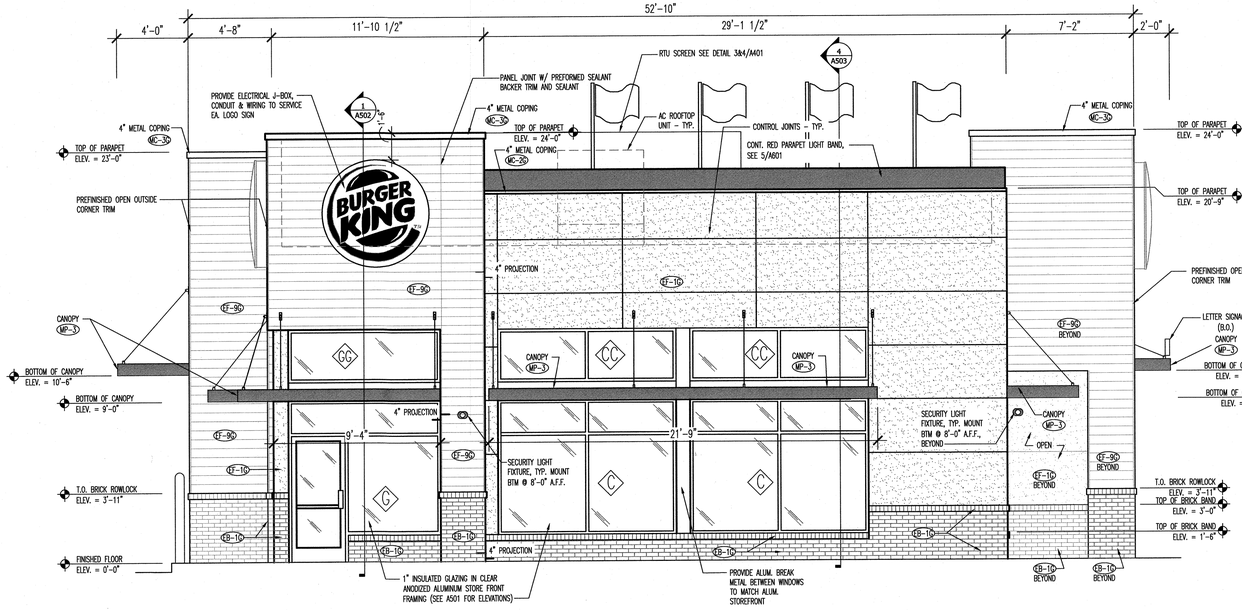
BURGER KING
16130 NW U.S. HIGHWAY 441
ALACHUA, FL 34974

BRAVOFLORIDA, LLC.
4220 EDISON LAKES PARKWAY
MISHAWAKA, INDIANA 46545

FLOOR PLAN

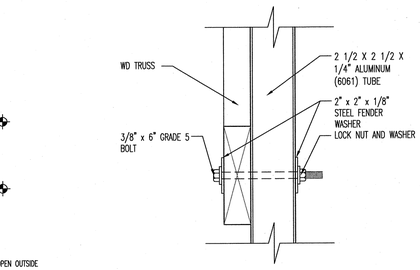
DESIGNED BY:	
REVIEWED BY:	SJV
DRAWN BY:	CSS, KJS
DATE:	MARCH 04, 2020
JOB NUMBER:	2019-0357
SCALE:	AS NOTED

A101

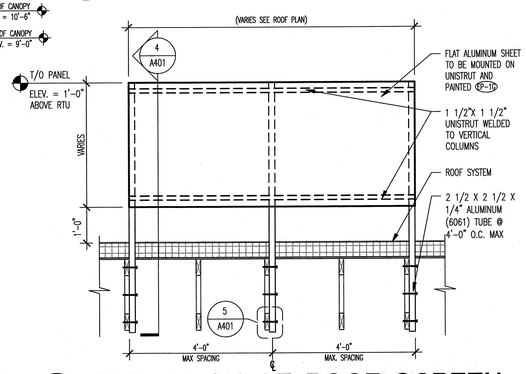


1 A401 **NORTH ELEVATION**
SCALE: 1/4"=1'-0"

855.21 SQFT OF FACADE
302.94 SQFT OF GLAZING
35.42% OF GLAZING

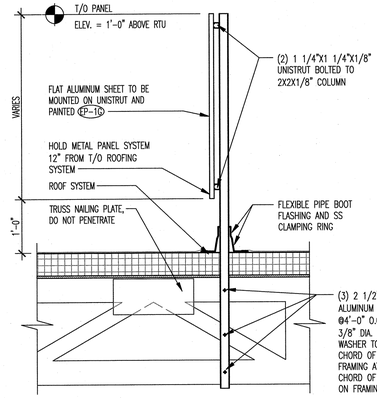


5 A401 **DETAIL AT ROOF SCREEN**
SCALE: 1/2"=1'-0"

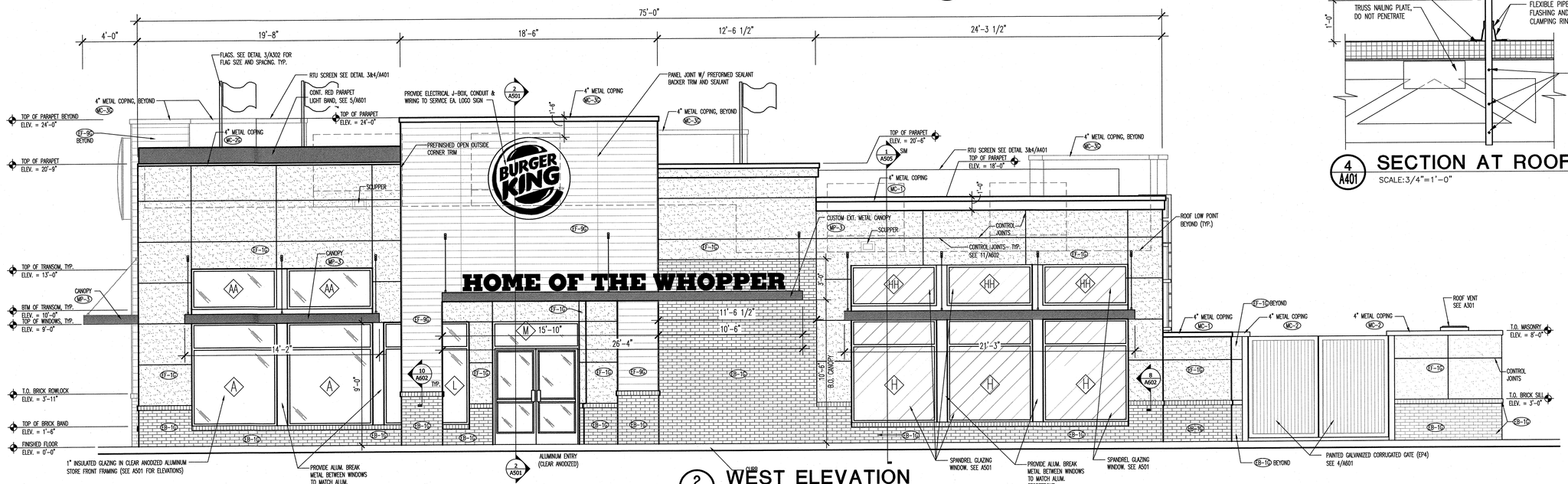


3 A401 **ELEVATION AT ROOF SCREEN**
SCALE: 1/2"=1'-0"

EXTERIOR MATERIALS LEGEND (XX-X)		
CODE	MATERIAL	DESCRIPTION
EB-1C	EXT. BRICK	EXT. BRICK BY MERIDIAN BRICK COASTAL BLUFF - SIZE QUEEN FLATS. PRODUCT 081.0922.16422.1
EF-1C	EXT. FINISH STUCCO	STUCCO SYSTEM, TEXTURE: FINE SAND, COLOR TO MATCH PPG CUSTOM FORMULA "TANNERS TAUPE"
EF-2	EXT. FINISH STUCCO	STUCCO SYSTEM, TEXTURE: FINE SAND, COLOR TO MATCH GLIDDEN PROFFESONAL MASTER PALETTE # OONN 07/000 "DEEP ONYX"
EF-5	EXT. FINISH STUCCO	STUCCO SYSTEM, TEXTURE: FINE SAND, COLOR TO MATCH GLIDDEN PROFFESONAL MASTER PALETTE # 04YR 11/537 "AMAZING"
EF-9C	EXT. FINISH FIBER CEMENT PANEL	NICHIHA PANEL VINTAGE WOOD COLOR: CEDAR w/ ALUM. PRE-FINISHED TRIM MATCHING PANEL COLOR.
	EF NOTE: EXTERIOR STUCCO TO INCLUDE 3 COAT 7/8" THICK STUCCO WIRE LATH WITH BOND BREAK AND VAPOR BARRIER ON FRAME CONSTRUCTION AND 2 COAT 5/8" THICK STUCCO ON MASONRY COMPLYING WITH FBC 2510.1 AND FBC 2510.3	
MC-1	METAL COPING	METAL COPING BY W.P. HICKMAN SYSTEMS, INC., PERMASNAP PLUS, COLOR: A-30 "SILVERSMITH"
MC-2C	METAL COPING	METAL COPING BY W.P. HICKMAN SYSTEMS, INC., PERMASNAP PLUS, COLOR: "TANNERS TAUPE"
MC-3C	METAL COPING	METAL COPING BY W.P. HICKMAN SYSTEMS, INC., PERMASNAP PLUS, COLOR: TO MATCH FIBER CEMENT PANELS AND ALUM. PRE-FINISHED TRIM.
MP-3	METAL CANOPY SIGNAGE	CUSTOM EXT. METAL CANOPY BY (SEE APPROVED CANOPY SUPPLIERS), COLOR: CLEAR ANODIZED, SEE PLANS
EP-2C	EXT. GENERAL PAINT	EXT. GENERAL PAINT, BY PPG, PRODUCT - PRIMER: HYDROSEALER EXTERIOR PRIMER SEALER 6001-1200. PAINT: EXTERIOR GENERAL EXTERIOR 100% ACRYLIC SATIN FINISH 2402V-XXXX, COLOR: "TANNERS TAUPE"
EP-4	EXT. GENERAL PAINT	EXT. GENERAL PAINT, BY GLIDDEN PROFESSIONAL, PRODUCT - PRIMER: HYDROSEALER EXTERIOR PRIMER SEALER 6001-1200. PAINT: FORTIS 350 EXTERIOR 100% ACRYLIC SATIN FINISH 2402V-XXXX, COLOR: MASTER PALETTE # 10YY-14/000 "MONTEREY CLIFFS"
EP-5	EXT. GENERAL PAINT	EXT. GENERAL PAINT, BY GLIDDEN PROFESSIONAL, PRODUCT - PRIMER: HYDROSEALER EXTERIOR PRIMER SEALER 6001-1200. PAINT: FORTIS 350 EXTERIOR 100% ACRYLIC SATIN FINISH 2402V-XXXX, COLOR: MASTER PALETTE # OONN 07/000 "DEEP ONYX"
FOR FLORIDA PRODUCT APPROVAL NUMBERS, SEE SCHEDULE ON SHEET G201		



4 A401 **SECTION AT ROOF SCREEN**
SCALE: 3/4"=1'-0"



2 A401 **WEST ELEVATION**
SCALE: 1/4"=1'-0"

1200.65 TOTAL AREA OF FACADE W/O DUMPSTER AREA
430.75 TOTAL SF GLAZING
35.88% OF GLAZING

NO.	BY	DATE	DESCRIPTION

The concepts, designs, plans, details and color information as shown on this document are the sole property of JPR and were created, developed, and presented for use on this specific project. None of the concepts, designs, plans, details or other information known shall be used or disclosed except as expressed written permission of JPR. ©2020 JPR - All Rights Reserved.

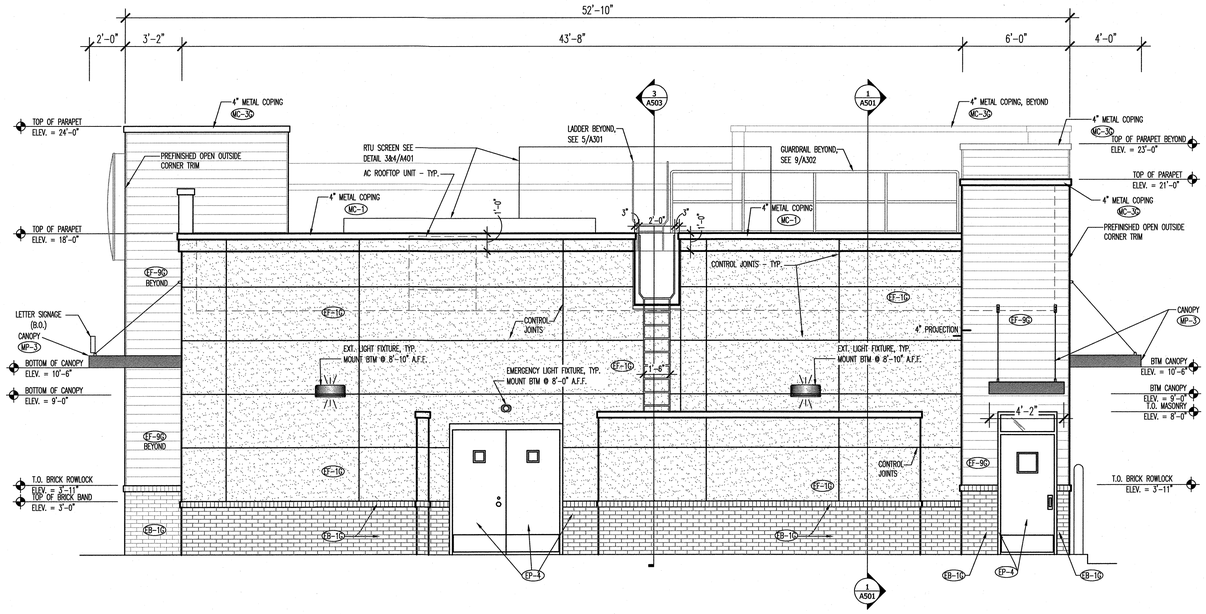
STATE OF FLORIDA
STEVEN J VANDENBURG
AR97395
REGISTERED ARCHITECT
3-13-2020

JONES PETRINSKI RAFINSKI
Fort Wayne, IN
p: 260.422.2522
South Bend, IN
p: 574.232.4388
ARCHITECTURAL: AA26002742
JPR
Elkhart, IN
p: 574.293.7762
ENGINEERING: CA32769

BURGER KING
ALACHUA, FL 34974
6130 NW U.S. HIGHWAY 441
BRAVOFLORIDA, LLC.
MISHAWAKA, INDIANA 46545
4220 EDISON LAKES PARKWAY
EXTERIOR ELEVATIONS

DESIGNED BY:
REVIEWED BY: SJV
DRAWN BY: CSS, KJS, JJL
DATE: MARCH 04, 2020
JOB NUMBER: 2019-0357
SCALE: 1/4" = 1'-0"

A401



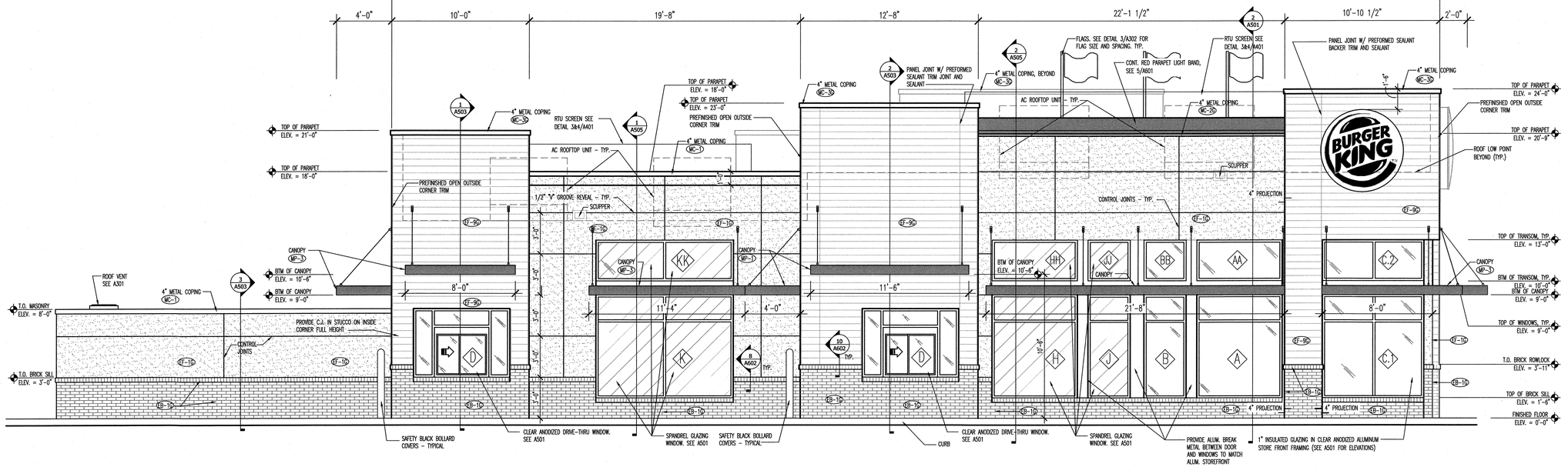
1 A402 **SOUTH ELEVATION**
SCALE: 1/4"=1'-0"

793 TOTAL AREA OF FACADE
4 TOTAL SF GLAZING
1% OF GLAZING

3 A402 **NORTH D.T 007 ELEVATION**
SCALE: 1/4"=1'-0"

4 A402 **SOUTH D.T 005 ELEVATION**
SCALE: 1/4"=1'-0"

EXTERIOR MATERIALS LEGEND (XX-X)		
CODE	MATERIAL	DESCRIPTION
EB-1c	EXT. BRICK	EXT. BRICK BY BORAL BRICK, THIN BRICK, COLOR = COASTAL BLUFF QUEEN, BRICK VENEER WALL PANEL
EF-1c	EXT. FINISH STUCCO	STUCCO SYSTEM, TEXTURE: FINE SAND, COLOR TO MATCH PPG CUSTOM FORMULA "TANNERS TAUPE"
EF-2	EXT. FINISH STUCCO	STUCCO SYSTEM, TEXTURE: FINE SAND, COLOR TO MATCH GLIDDEN PROFFESIONAL MASTER PALETTE # 00NN 07/000 "DEEP ONYX"
EF-5	EXT. FINISH STUCCO	STUCCO SYSTEM, TEXTURE: FINE SAND, COLOR TO MATCH GLIDDEN PROFFESIONAL MASTER PALETTE # 04YR 11/537 "AMAZING"
EF-9c	EXT. FINISH FIBER CEMENT PANEL	NICHIHA PANEL VINTAGE WOOD COLOR: CEDAR w/ ALUM. PRE-FINISHED TRIM MATCHING PANEL COLOR.
	EF NOTE: EXTERIOR STUCCO TO INCLUDE 3 COAT 7/8" THICK STUCCO WIRE LATH WITH BOND BREAK AND VAPOR BARRIER ON FRAME CONSTRUCTION AND 2 COAT 5/8" THICK STUCCO ON MASONRY COMPLYING WITH FBC 2510.1 AND FBC 2510.3.	
MC-1	METAL COPING	METAL COPING BY W.P. HICKMAN SYSTEMS, INC., PERMASNAP PLUS, COLOR: A-30 "SILVERSMITH"
MC-2c	METAL COPING	METAL COPING BY W.P. HICKMAN SYSTEMS, INC., PERMASNAP PLUS, COLOR: "TANNERS TAUPE"
MC-3c	METAL COPING	METAL COPING BY W.P. HICKMAN SYSTEMS, INC., PERMASNAP PLUS, COLOR: TO MATCH FIBER CEMENT PANELS AND ALUM. PRE-FINISHED TRIM.
MP-3	METAL CANOPY SIGNAGE	CUSTOM EXT. METAL CANOPY BY (SEE APPROVED CANOPY SUPPLIERS), COLOR: CLEAR ANODIZED, SEE PLANS
EP-2c	EXT. GENERAL PAINT	EXT. GENERAL PAINT, BY PPG, PRODUCT - PRIMER: HYDROSEALER EXTERIOR PRIMER SEALER 6001-1200. PAINT: EXTERIOR GENERAL EXTERIOR 100% ACRYLIC SATIN FINISH 2402V-XXXX, COLOR: "TANNERS TAUPE"
EP-4	EXT. GENERAL PAINT	EXT. GENERAL PAINT, BY GLIDDEN PROFESSIONAL, PRODUCT - PRIMER: HYDROSEALER EXTERIOR PRIMER SEALER 6001-1200. PAINT: FORTIS 350 EXTERIOR 100% ACRYLIC SATIN FINISH 2402V-XXXX, COLOR: MASTER PALETTE # 10YY-14/080 "MONTEREY CLIFFS"
EP-5	EXT. GENERAL PAINT	EXT. GENERAL PAINT, BY GLIDDEN PROFESSIONAL, PRODUCT - PRIMER: HYDROSEALER EXTERIOR PRIMER SEALER 6001-1200. PAINT: FORTIS 350 EXTERIOR 100% ACRYLIC SATIN FINISH 2402V-XXXX, COLOR: MASTER PALETTE # 00NN 07/000 "DEEP ONYX"
FOR FLORIDA PRODUCT APPROVAL NUMBERS, SEE SCHEDULE ON SHEET G201		



2 A402 **EAST ELEVATION**
SCALE: 1/4"=1'-0"

1257.58 TOTAL AREA OF FACADE W/O DUMPSTER AREA
449.87 TOTAL SF GLAZING
35.77% OF GLAZING

NO.	DESCRIPTION	BY	DATE

The concepts, designs, plans, details, and other information as shown on this document are the sole property of JPR and were created, developed, and presented for use on this specific project. None of the concepts, designs, plans, details or other information hereon shall be used or disseminated without the expressed written permission of JPR ©2020 JPR. All Rights Reserved.

STATE OF FLORIDA
STEVEN J VANDENBURG
AR97395
REGISTERED ARCHITECT
3-13-2020

JONES PETRIE RAFINSKI
Elkhart, IN p: 574.293.7762
South Bend, IN p: 574.232.4388
ARCHITECTURAL: AA26003766
ENGINEERING: CA32769

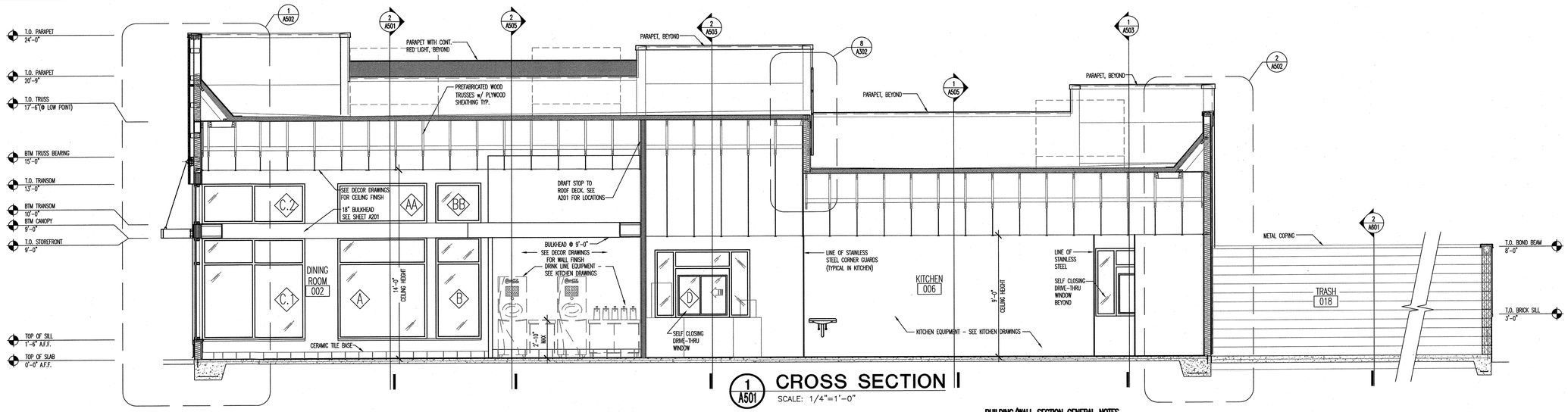
BURGER KING
16130 NW U.S. HIGHWAY 441
ALACHUA, FL 34974

BRAVOFLORIDA, LLC.
4220 EDISON LAKES PARKWAY
MISHAWAKA, INDIANA 46545

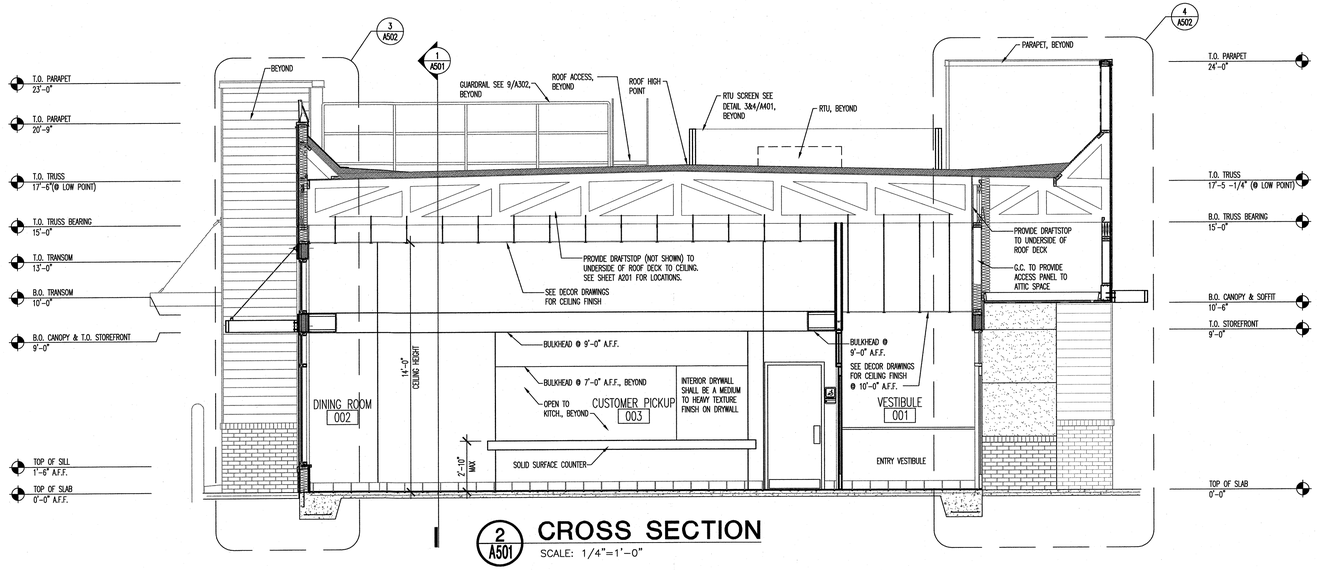
EXTERIOR ELEVATIONS

DESIGNED BY:
REVIEWED BY: SJV
DRAWN BY: CSS, KJS
DATE: MARCH 04, 2020
JOB NUMBER: 2019-0357
SCALE: 1/4" = 1'-0"

A402



1 A501 **CROSS SECTION**
SCALE: 1/4"=1'-0"



2 A501 **CROSS SECTION**
SCALE: 1/4"=1'-0"

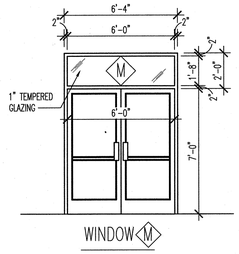
BUILDING/WALL SECTION GENERAL NOTES

1. LED PARAPET LIGHT BAND TO BE SUPPLIED AND INSTALLED BY APPROVED SIGN MFG. AS PART OF THE OWNER'S SIGN PACKAGE. CONTRACTOR TO COORDINATE LENGTH OF LIGHT BAND AND ELECT. REQ. w/ SIGN MFG. ELECT. CONTRACTOR TO RUN POWER AND PROVIDE FINAL CONNECTIONS.
2. CONTRACTOR TO REFER TO DECOR DRAWINGS FOR INTERIOR FINISH SELECTIONS.

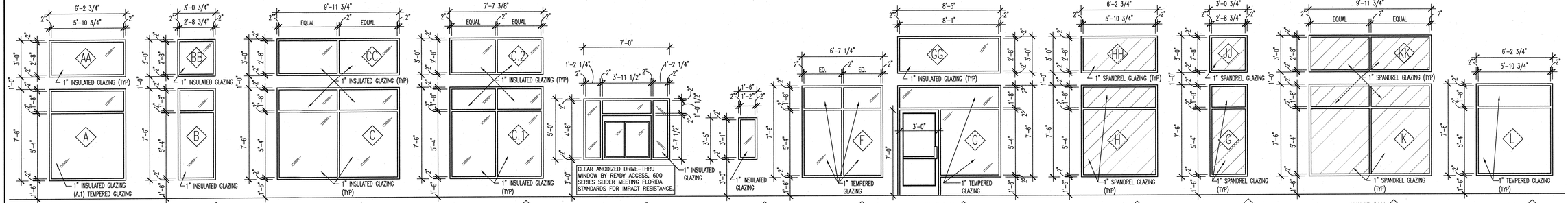
ALUMINUM WINDOW & EXTERIOR DOOR NOTES

1. CLEAR ANODIZED ALUMINUM STOREFRONT FRAMING, KAWNEER TRIFAB 451 W/ 1" INSULATED GLAZED SYSTEM , AND ALUMINUM ENTRY DOORS MEETING FLORIDA IMPACT RESISTANCE STANDARDS OR EQUAL (TYP). WHERE WIND SPEED FOR AREA IS 150 mph (SEE S202) OR GREATER OR WHEN REQUIRED BY LOCAL AUTHORITIES.
2. INSULATED GLASS TO BE 1/4" HEAT STRENGTHENED OUTER LITE AND (2) 1/8" LAMINATED W/ 0.09 FILM INNER LITE (HEAT STRENGTHENED) MEETING REQUIREMENTS OF ASTM E1996 FOR WIND BORNE DEBRIS REGION (WBDR) REQUIREMENTS. PPG SOLAR BAN 60(2)/SOLARGRAY LOW-E OR EQUAL. WHERE WIND SPEED FOR AREA IS 150 mph (SEE S202) OR GREATER OR WHEN REQUIRED BY LOCAL AUTHORITIES.
3. HOLLOW METAL DOOR AND FRAMES (CECO IMPERIAL SERIES) TO MEET FLORIDA FOR IMPACT RESISTANCE STANDARDS WHEN WIND SPEED FOR AREA IS 150 MPH (SEE S202) OR GREATER OR WHEN REQUIRED BY LOCAL AUTHORITIES.
4. PROVIDE SYSTEM WITH U=0.40 AND SHGC=0.25
5. WINDOW AND DOOR FRAMING TO BE CAPABLE OF RESISTING WIND LOADS AS NOTED ON S202.
6. PROVIDE DRIP CAP ON ALL WINDOW SILLS

NOTE: SEE G201 FOR FLORIDA APPROVED NUMBERS



WINDOW M



WINDOW A, WINDOW AA
WINDOW B, WINDOW BB
WINDOW C, WINDOW CC
WINDOW C.1, WINDOW C.2
WINDOW D
WINDOW E
WINDOW F
WINDOW G, WINDOW GG
WINDOW H, WINDOW HH
WINDOW J, WINDOW JJ
WINDOW K, WINDOW KK
WINDOW L

3 A501 **WINDOW ELEVATIONS**
SCALE: 1/4"=1'-0"

BY	DESCRIPTION	DATE
CSS	SITE REVIEW COMMENTS	03.13.2020

The concepts, designs, plans, details and other information as shown on this document are the sole property of JPR and were created, developed, and prepared for use on this specific project. None of the concepts, designs, plans, details and other information shall be used by or disclosed to any person or entity without the written permission of JPR. - All Rights Reserved.

STATE OF FLORIDA
STEVEN J VANDENBURG
AR97395
REGISTERED ARCHITECT
3-15-2020

JOHNSON PETERSON RAFINSKI
JPR
Elkhart, IN p: 574.293.7762
South Bend, IN p: 574.232.4388
ENGINEERING: CA32769
Fort Wayne, IN p: 260.422.2522
ARCHITECTURAL: AA26003736

BURGER KING
16130 NW U.S. HIGHWAY 441
ALACHUA, FL 34974

BRAVOFLORIDA, LLC.
4220 EDISON LAKES PARKWAY
MISHAWAKA, INDIANA 46545

BUILDING SECTIONS

DESIGNED BY:	
REVIEWED BY:	SJV
DRAWN BY:	CSS, KJS
DATE:	MARCH 04, 2020
JOB NUMBER:	2019-0357
SCALE:	AS NOTED

A501

ROOM FINISH SCHEDULE

No.	NAME	BASE	FLOOR	WALL	CEILING		REMARKS
					MATL	HEIGHT	
001	VESTIBULE	CT	CT	MARLITE ON GYP. BOARD	GYP BD	10'-0"	2
002	DINING ROOM	CT	CT/CT	MARLITE WAINSCOT; PT. GYP. BOARD	ACT-1/ ACT-2	14'-0"	2, 3
003	CUSTOMER PICKUP	CT	CT	MARLITE WAINSCOT; PT. GYP. BOARD	ACT-1	14'-0"	2
004	SERVING AREA	QT	QT	CT ON DUROCK; PAINT GYP. BOARD	ACT-2	10'-0"	2
005	DRIVE THRU	QT	QT	NOTE 1	ACT-2	9'-0"	
006	KITCHEN	QT	QT	NOTE 1	ACT-2	9'-0"	
007	DRIVE THRU	QT	QT	NOTE 1	ACT-2	9'-0"	
008	STORAGE AREA	QT	QT	NOTE 1	ACT-2	9'-0"	
009	ALCOVE	QT	QT	NOTE 1	ACT-2	9'-0"	
010	EMPLOYEE ALCOVE	QT	QT	NOTE 1	ACT-2	9'-0"	
011	COOLER						
012	FREEZER						
013	STORAGE	QT	QT	NOTE 1	ACT-2	9'-0"	
014	OFFICE	QT	QT	NOTE 1	ACT-2	8'-6"	
015	WOMEN'S	CT	CT	CT ON DUROCK	GYP BD	9'-0"	PAINTED CEILING, 2
016	HALL	CT	CT	MARLITE WAINSCOT; PT. GYP. BOARD	ACT-1	10'-0"	2
017	MEN'S	CT	CT	CT ON DUROCK	GYP BD	9'-0"	PAINTED CEILING,2
018	TRASH ENCLOSURE	NONE	CONC	PAINTED CONC. BLOCK, (EP 2)	NONE	-	
019	STORAGE	NONE	CONC	PAINTED CONC. BLOCK, (EP 2)	NONE	-	

NOTE

1	FRP (COLOR: ALMOND) ON DUROCK TO 1'-4", ON GYP BOARD FROM 1'-4" TO CEILING , ON KITCHEN SHEAR WALLS, DRYWALL CAN BE ELIMINATED, FRP ON PLYWOOD
2	SEE DÉCOR DRAWINGS FOR INTERIOR FINISHES AND COLORS
3	PROVIDE WASHABLE CEILING TILE OVER DRINK STATION
4	PAINTED 1/2" PLYWOOD CEILING, EP2

2019-0357

DOOR SCHEDULE NOTES

1. PACKAGE AVAILABLE FROM UNIVERSAL MFG. INC.) ALL HARDWARE MUST COMPLY TO THE ADA & STATE BARRIER FREE REQUIREMENTS.
2. CONTRACTOR SHALL PROVIDE PANIC HARDWARE ON ALL EXIT DOORS.
3. SIGN PACKAGE TO INCLUDE THE FOLLOWING: (1) KITCHEN, (1) LADIES', (1) GENTLEMEN, (1) UNISEX RESTROOMS, AND CORRESPONDING SIGNAGE IN GRADE 2 BRAILLE PER A.D.A. REQUIREMENTS. SIGNS TO BE FURNISHED BY DECOR SUPPLIER AND INSTALLED BY THE GENERAL CONTRACTOR.
4. H.M. DOOR & FRAME SHALL BE PAINTED WITH GLOSS QUICK DRY EXTERIOR ENAMEL, COLOR: TO MATCH EP 4. (EXTERIOR)
5. H.M. DOOR & FRAME SHALL BE PAINTED WITH GLOSS QUICK DRY EXTERIOR LOW LUSTER ALKYD, COLOR: TO MATCH EP 4. (INTERIOR)
6. PROVIDE MARLITE SOLID CORE HPL DOORS WITH ALUMINUM FRAMES FINISHED IN WILSONART #4779–60 PEWTER BRUSH WITH ACCENT STRIPES TO MATCH DOOR FINISH.
7. ALL GLASS WITHIN 48" OF ANY DOOR SHALL BE TEMPERED GLASS.
8. ALL HPL DOORS TO BE SOLID CORE.
9. ALUM. KICKPLATES ARE MOUNTED FLUSH TO THE BOTTOM OF THE DOORS.
10. VERIFY LAMINATE COLORS WITH DECOR PLANS.
11. ALL DOOR CLOSERS SHALL BE LOCATED IN THE INTERIOR DOOR SIDE OF THE ROOM THAT THEY SERVE.
12. VERIFY THE COLOR SELECTIONS w/THE DECOR PLANS / OWNER
13. DOOR NUMBER 009 WITH FRAME AND HARDWARE IS TO BE PURCHASED AS A PACKAGE FROM ENTERA SECURITY DOORS UNIT #DU3870RCWFED PHONE NUMBER 800–457–2424 EXT. 696.
    THE PACKAGE INCLUDES: (2) 1–3/4" X 3'–0" X 7'–0" AWMELD HOLLOW METAL DOOR WITH GALVANIZED 16 GAUGE STEEL SKIN WITH TOP & BOTTOM CHANNEL REINFORCEMENT.
    THE FRAME SHALL BE 14 GAUGE GALVANIZED STEEL.
    THE DOOR SHALL HAVE: 6" X 6" LEXAN WINDOW WITH FLAP
    PIANO HINGE
    DORMA 7605 DOOR CLOSER, (BOTH DOORS)
    STAINLESS STEEL KICKPLATES
    DRIP CAP
    ARROW PANIC HARDWARE w/ CONCEALED VERTICAL RODS AT TOP & BTM
    HAGAR #208 KICK DOWN DOORSTOP
    THE ENTIRE ASSEMBLY SHALL HAVE A 14 MONTH FULL WARRANTY.
    THE DOOR AND FRAME IS TO BE PROVIDED IN DESERT TAN.
    THE CONTRACTOR SHALL REMOVE AND REPLACE THE HARDWARE AND PAINT THE DOOR AS DIRECTED ON SHEET A401 & A402 THEN REPLACE THE DOOR (DOOR/ FRAME SHOULD MEET FLORIDA IMPACT RESISTANCE AS NOTED IN NOTE 14 BELOW)
14. HOLLOW METAL DOORS SHALL BE:
    CECO–IMPERIAL SERIES MEETING FLORIDA FOR IMPACT RESISTANCE STANDARDS WHEN WIND SPEED FOR AREA IS GREATER THAN 140MPH (SEE S202) OR GREATER OR WHEN REQUIRED BY LOCAL AUTHORITIES.
    a.) MESKER DAMON DOOR SERIES AND PIONEER CHT SERIES ARE APPROVED M'G'S IF MEETING FLORIDA IMPACT RESISTANCE STANDARDS. IF AN ALTERNATE DOOR IS REQUESTED FOR USE BY THE CONTRACTOR, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT CATALOG CUTS OF THE ALTERNATE DOOR TO THE OWNER FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
15. ALUMINUM DOORS & FRAMES TO HAVE CLEAR ANODIZED FINISH
16. 12"X12" LOUVER VENT

DOOR HARDWARE SCHEDULE

HARDWARE SET #1 (KA SET 1) – CUSTOMER PICK–up to EXTERIOR

HARDWARE SET #2 (KA SET 1) – DINING TO EXTERIOR

ENTRANCE DOOR HARDWARE SHALL CONSIST OF OFFSET PIVOTS, VAN DURPRIN 22NC SERIES EXIT DEVICE, ONE PAIR OF FLUSH BOLTS (ON INACTIVE LEAF OF
PAIRS OF DOORS), NORTON 1605 SURFACE CLOSERS WITH BACK CHECK, 9" CLASSIC STRAIGHT PULLS, IN STAINLESS STEEL AND STANDARD THRESHOLDS.

LOCKS, CYLINDERS, AND THRESHOLDS SHALL BE OMITTED ON INTERIOR VESTIBULE DOORS.
DUMMY CYLINDERS SHALL BE PROVIDED ON THE EXTERIOR OF ALL DOORS EXCEPT AT MAIN ENTRY.

HARDWARE SET #3 (KA SET 2) – REAR SERVICE DOOR
HARDWARE PROVIDED BY DOOR MANUFACTURER
PIANO HINGE (ROTON)
– 1 DOOR VIEWER 6" X 6" LEXAN WINDOW W/FLAP
DORMA 7605 DOOR CLOSER w/ HOLD OPEN (ON BOTH DOORS)
ARROW EXIT DEVICE (ON OPERABLE DOOR) w/ CONCEALED VERTICAL RODS
HAGER– 4 KICKPLATES 3"–0" X 1'–0" STAINLESS STEEL
HAGER– 2 #208 KICK DOWN DOOR STOP
1 THRESHOLD #325 ALUMINUM
3 SILENCERS W–07 (PER DOOR)
1 FLUSH–BOLTS – 282 (TOP & BOTTOM)
1 CENTER DOOR ASTRAGAL BY DOOR SUPPLIER (ON OPERABLE DOOR)
1 DRIP CAP OVER BOTH DOORS

HARDWARE SET #4 – RESTROOM ENTRY
**HAGER– 1–1/2 PAIR BUTT BB 1279 652, 4 1/2" x 4 1/2"
LCN– 1 DOOR CLOSER #1461 ALUMINUM
HAGER– 1 DOOR PULLPLATE 4 X 16 #133E 628
HAGER– 1 DOOR PUSHPLATE 4 X 16 #30S 628
HAGER– 1 #24lF FLOOR STOP US28
HAGER– 2 KICKPLATES 193S, 8 X (2" LESS THAN THE WIDTH OF THE DOOR)
HAGER– 3' SILENCERS 3070, RBR

HARDWARE SET #5 – OFFICE
**HAGER– 1–1/2 PAIR BUTT BB 1279 652, 4 1/2" x 4 1/2"
SCHLAGE– 1 #ALSSPD LOCKSET SAT 626
HAGER– 1 #24lF FLOOR STOP US28
HAGER– 2 KICKPLATES 193S, 8 X (2" LESS THAN THE WIDTH OF THE DOOR)
HAGER– 3' SILENCERS 3070, RBR

HARDWARE SET #6 – KITCHEN TO DINING ROOM
**HAGER– 3 EACH HAGER: BB1279 4 1/2 x 4 1/2 x 652
LOCKSET– 1 EACH SCHLAGE, AL53PD SAT x 626
CLOSER– 1 EACH LCN 1461 X 689
FLOOR STOP– 1 EACH HAGER 241F x US26D
KICKPLATE– 2 EACH HAGER 193S 10"x2" LOW 628
(INSTALL W/FLAT HEAD PHILLIPS HEAD SCREWS)
SILENCERS– 3 EACH HAGER 307D RBR
VIEWER– SEE DOOR ELEVATION

HARDWARE SET #7 – TOILET STALLS (NOT USED)
**HAGER– 1–1/2 PAIR BUTT 1250, 4 1/2" x 4 1/2" x 652 SPRING HINGES
SCHLAGE– 1 #AL40S LOCKSET SAT 626
HAGER– 1 WALL STOP 236W, 630
HAGER– 2 SILENCERS 307D, RBR

HARDWARE SET #8 – DRIVE THRU TO EXTERIOR
SCHLAGE 1 #BC 180 HEAVY DUTY DEADBOLT CYLINDER W/THUMB TURN 26D
HAGER 2–DOOR PULLPLATE 4" X 16" #133E US28 EA SIDE
HAGER 1–1/2 PAIR BUTT BB 1279 652, 4 1/2" x 4 1/2"
LCN 1 DOOR CLOSER #1460 ALUMINUM (VERIFY DOOR HAND)
HAGER 2 KICKPLATES 193S, 8 X (2" LESS THAN THE WIDTH OF THE DOOR) ALUMINUM
HAGER 3 SILENCERS 307D, RBR

HARDWARE SET #9 – SECURE STORAGE
**HAGER– 1–1/2 PAIR BUTT BB 1279 652, 4 1/2" x 4 1/2"
SCHLAGE– 1 #AL7D PD LOCKSET SAT 626
HAGER– 1 #24lF FLOOR STOP US28
HAGER– 2 KICKPLATES 193S, 8 X (2" LESS THAN THE WIDTH OF THE DOOR)
HAGER– 3 SILENCERS 307D, RBR

HARDWARE SET #10 – TRASH ENCLOSURE
HAGER– 1–1/2 PAIR BUTT BB 1279 652, 4 1/2" x 4 1/2"
SCHLAGE– 1 #AL80 PD LOCKSET SAT 626
HAGER– 2 KICKPLATES 193S, 8 X (2" LESS THAN THE WIDTH OF THE DOOR) ALUMINUM
LCN– 1 DOOR CLOSER #1461 ALUMINUM
1 THRESHOLD #325 ALUMINUM
1 DOOR SILL WEATHERSTRIP #200N
1 DOOR JAMB/HEAD WEATHERSTRIP #160
3 SILENCERS W–07

HARDWARE NOTES
1. **IF MARLITE BRAND DOORS ARE USED, BUTT HINGES ARE PROVIDED.
2. FURNISH 6 KEYS FOR KA SET 1.
   FURNISH 6 KEYS FOR KA SET 2.
   FURNISH 3 KEYS EACH FOR ALL OTHER LOCKS.
3. WEATHERSTRIPPING
   METAL THRESHOLDS: ANCHORED TO FLOOR AND SET IN BED OF THIOKOL COMPOUND.
4. EXTERIOR DOORS: PROVIDE WEATHERSTRIPPING ALL AROUND WITH SWEEP.
5. MISCELLANEOUS: PROVIDE ALUMINUM ENTRANCE DOORS WITH WEATHERSTRIP AND SWEEP BY DOOR MANUFACTURER.

INTERIOR FINISH NOTES

1. ALL INTERIOR FINISH MATERIALS (PLYWOOD, TRIM, CEILING TILE, STONE, FRP, ETC.) SHALL HAVE MINIMUM FLAME SPREAD RATING OF CLASS "C", WITH A SMOKE DEVELOPMENT OF LESS THAN 450, (CLASS "A" WITH SMOKE DEVELOPMENT OF LESS THAN 450 AT ALL CORRIDORS AND ALL EXIT ENCLOSURES). ALL PRODUCTS USED MUST PROVIDE WRITTEN DOCUMENTATION OR BE STAMPED ON THE BACK SIDE OF THE PRODUCT BY THE MANUFACTURER.
2. IN CONJUNCTION WITH THE MATERIALS, ALL FINISHES,IE PAINTS, STAINS, AND COATINGS ETC. SHALL HAVE A MINIMUM FLAME SPREAD RATING AND SMOKE DEVELOPMENT OF NOT LESS THAN THAT REQUIRED IN NOTE 1 ABOVE.
3. ALL FLOOR FINISHES SHALL HAVE A CLASS I OR CLASS II RATING.
4. ALL FINISHES SHALL COMPLY IN ACCORDANCE WITH THE NFPA 286 OR ASTM E–84. LATEST EDITION.

(REFER TO DIRECTORY OF MANUFACTURERS AND SUPPLIERS)
THIS IS A STANDARD MATERIALS LIST VERIFY ALL MATERIALS PRIOR TO ORDERING SECTION AND COLORS WITH DECOR DRAWINGS AND OWNER

INTERIOR FINISH MATERIALS LIST

* FLOOR TILE:
SEE DECOR DRAWINGS FOR FLOOR TILE PATTERN & SPECIFICATIONS

QUARRY TILE:
SEE DECOR DRAWINGS FOR FLOOR TILE PATTERN & SPECIFICATIONS

CERAMIC TILE
–RESTROOM–
SEE DECOR DRAWINGS FOR WALL TILE PATTERN & SPECIFICATIONS

CARPET #1– NOT USED

CERAMIC TILE
– WALLS –
SEE DECOR DRAWINGS FOR TILE PATTERN & SPECIFICATIONS

WALL PANELING
– DINING, CORRIDOR, PICKUP/SERVING & CREW ROOM –
MARLITE OR PLASTIC LAMINATE BELOW SILL, VINYL WALL COVERING ABOVE. SEE DECOR DRAWINGS.
TYPE AND COLOR AS PER DECOR DRAWINGS.
– KITCHEN/STORAGE, OFFICE, & CREW ROOM –
F.R.P. – MARLITE BRAND F.R.P. BY MARLITE ARCHITECTURAL PRODUCTS. COLOR (ALMOND)

WALL COVERING/PAINTED FINISH
– DINING, CORRIDOR, PICKUP/SERVING –
SEE DECOR DRAWINGS FOR WALL COVERING SPECIFICATIONS

GYPSUM BOARD 1
5/8" TYPE "X" GYPSUM BOARD.

GYPSUM BOARD 2
5/8" WATER–RESISTANT TYPE "X" GYPSUM BOARD.

GYPSUM BOARD 3
1/2" THICK "DUROCK" TILE BACKING BOARD TO 3 FEET HIGH AS MANUFACTURED BY U.S. GYPSUM COMPANY.
OR
7/16" THICK "WONDER BOARD" TO 3 FEET HIGH AS MANUF. BY O.E.I. CORP. AND 1/2" WATER–RESISTANT TYPE "X" GYPSUM BOARD FROM 3 FEET HIGH TO CEILING.

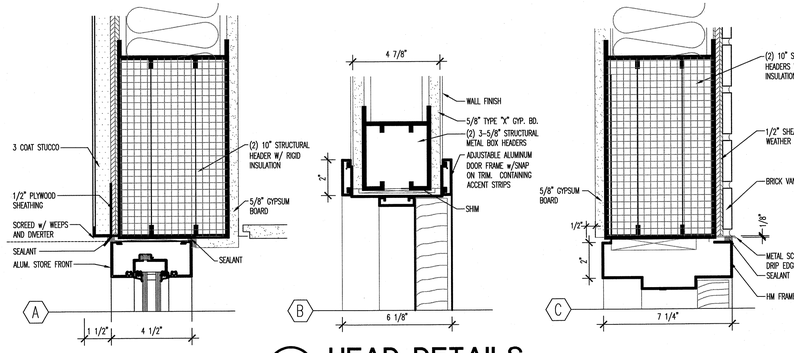
**INTERIOR DRYWALL SHALL BE A MEDIUM TO HEAVY TEXTURE FINISH ON DRYWALL

CHAIR RAIL – SOLID SURFACE SEE DECOR DRAWINGS.

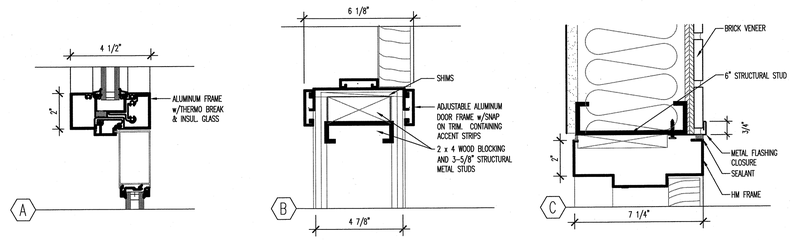
CEILING TILE
ACOUSTICAL TILE 1
– DINING ROOM/CORRIDOR/CUSTOMER PICKUP –
ARMSTRONG #770 CORTEGA w/ SEPA GRID (2'x2'x3/4") FINE FISSURED (NOT FIRE RATED) OR APPROVED EQUAL.

ACOUSTICAL TILE 2
– KITCHEN, STORAGE, OFFICE, CREW, DRINK STATION –
USG 24x48x5/8 GYPSUM CEILING TILES #3270 (STRIPLE DESIGN, WASHABLE) TO BE LAID IN EXPOSED WHITE ALUMINUM TEE GRID (NOT FIRE RATED)
PROVIDE 2'X2' AT SERVING AND DRINK STATION

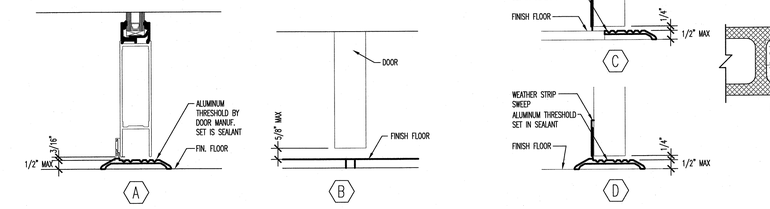
* FLOOR TILE INSTALLATION:
CLEAN SLAB, REMOVE DUST, AND MECHANICALLY REMOVE CURING COMPOUND AND SEALERS TO INSURE PROPER BONDING OF THINSET. USE "MULTIPURPOSE" TYPE THIN SET – MINIMUM.



1 A701 **HEAD DETAILS**
SCALE: 3"=1'–0"

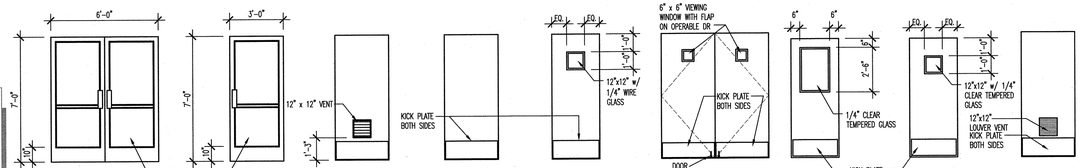


2 A701 **JAMB DETAILS**
SCALE: 3"=1'–0"

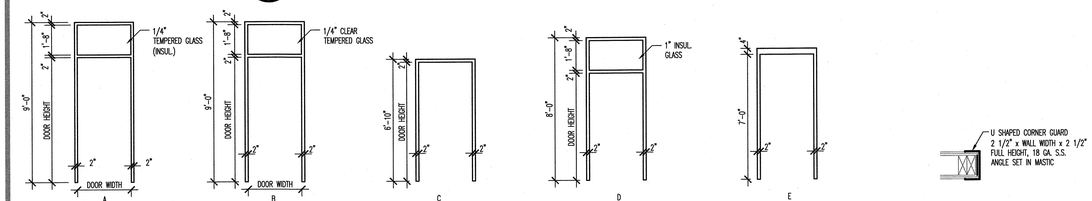


3 A701 **SILL DETAILS**
SCALE: 3"=1'–0"

4 A701 **FRAME DETAIL E**
SCALE: 1–1/2" = 1'–0"



5 A701 **DOOR TYPES**
SCALE: 1/4"=1'–0"



6 A701 **FRAME TYPES**
SCALE: 1/4"=1'–0"

7 A701 **CORNER GUARD**
SCALE: 1"=1'–0"

DOOR SCHEDULE

MARK	DOOR TYPE	DOOR MATERIAL	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	FRAME TYPE	FRAME MATERIAL	DETAILS HEAD	DETAILS SILL	DETAILS JAMB	HARDWARE	SEALS	REMARKS
001A	I	ALUM	(2) 3'-0"	7'-0"	1-3/4"	A	ALUM	A (SIM)	A	A (SIM)	2	W	NOTE: 2,15
001B	I	ALUM	(2) 3'-0"	7'-0"	1-3/4"	B	ALUM	A (SIM)		A (SIM)	2		NOTE: 15
002	II	ALUM	3'-0"	7'-0"	1-3/4"	A	ALUM	A	A	A (SIM)	2	W	NOTE: 2, 15
004	VIII	HPL	3'-0"	6'-8"	1-3/4"	C	ALUM	B	B	B	6		NOTE: 3,6,8,12
005	V	HM	3'-0"	6'-8"	1-3/4"	D	HM	D (SIM)	C	D (SIM)	8	W	NOTE: 4,5,14
007	V	HM	3'-0"	6'-8"	1-3/4"	D	HM	D (SIM)	C	D (SIM)	8	W	NOTE: 4,5,14
009	VI	HM	(2) 3'-0"	6'-8"	1-3/4"	C	HM	D	C	D	3	W	NOTE: 2,4,5,13,14
014	VII	HPL	3'-0"	6'-8"	1-3/4"	C	ALUM	B	B	B	5		NOTE: 6,8,12
015	IV	HPL	3'-0"	6'-8"	1-3/4"	C	ALUM	B	B	B	4		NOTE: 3,6,8,12
017	IV	HPL	3'-0"	6'-8"	1-3/4"	C	ALUM	B	B	B	4		NOTE: 3,6,8,12
018		CL											GATE SEE 1/A601
019	III	HM	3'-0"	7'-0"	1-3/4"	E	HM	4/A701	4/A701	A (SIM)	10	W	NOTE: 4,5,9,14,16

2019-0357

ALUMINUM WINDOW & EXTERIOR DOOR NOTES

1. CLEAR ANODIZED ALUMINUM STOREFRONT FRAMING, KAWNEER TRIFAB 451 W/ 1" INSULATED GLAZED SYSTEM, AND ALUMINUM ENTRY DOORS MEETING FLORIDA IMPACT RESISTANCE STANDARDS OR EQUAL (TYP). WHERE WIND SPEED FOR AREA IS 150 mph (SEE S202) OR GREATER OR WHEN REQUIRED BY LOCAL AUTHORITIES.
2. INSULATED GLASS TO BE 1/4" HEAT STRENGTHENED OUTER LITE AND (2) 1/8" LAMINATED W/ 0.09 FILM INNER LITE (HEAT STRENGTHENED) MEETING REQUIREMENTS OF ASTM E1996 FOR WIND BORNE DEBRIS REGION (WBDR) REQUIREMENTS. PPG SOLAR BAN 60(2)/SOLARGRAY LOW–E OR EQUAL. WHERE WIND SPEED FOR AREA IS 150 mph (SEE S202) OR GREATER OR WHEN REQUIRED BY LOCAL AUTHORITIES.
3. HOLLOW METAL DOOR AND FRAMES (CECO IMPERIAL SERIES) TO MEET FLORIDA IMPACT RESISTANCE STANDARDS WHEN WIND SPEED FOR AREA IS 150 MPH (SEE S202) OR GREATER OR WHEN REQUIRED BY LOCAL AUTHORITIES.
4. PROVIDE SYSTEM WITH U=0.40 AND SHGC=0.25
5. WINDOW AND DOOR FRAMING TO BE CAPABLE OF RESISTING WIND LOADS AS NOTED ON S202.
6. PROVIDE DRIP CAP ON ALL WINDOW SILLS

NOTE: SEE G201 FOR FLORIDA APPROVED NUMBERS

DATE	BY	DESCRIPTION	REV.

The concepts, designs, plans, details and other information as shown on this document are the sole property of JPR and were created, developed, and presented for use on this specific project. Any use, disclosure, reproduction, modification, or assignment without prior written consent is prohibited and may be disseminated without the expressed written permission of JPR. 2020 JPR - All Rights Reserved.

STATE OF FLORIDA
STEVEN J VANDENBURG
AR97395
REGISTERED ARCHITECT
6-15-2020

JONES PETRIE RAFINSKI
South Bend, IN
p: 574.232.4388
Fort Wayne, IN
p: 260.422.2522
ARCHITECTURAL: AA26003326
Elkhart, IN
p: 574.293.7762
ENGINEERING: CA32769

BURGER KING
16130 NW U.S. HIGHWAY 441
ALACHUA, FL 34974

BRAVOFLORIDA, LLC.
4220 EDISON LAKES PARKWAY
MISHAWAKA, INDIANA 46545

ROOM FINISH & DOOR SCHEDULES

DESIGNED BY:
REVIEWED BY: SJV
DRAWN BY: CSS
DATE: MARCH 04, 2020
JOB NUMBER: 2019-0357
SCALE: AS NOTED

A701

MAIN ENTRANCE ELEVATION

DINING ELEVATION

STATE OF FLORIDA
STEVEN J VANDENBURG
AR97395
REGISTERED ARCHITECT
3-13-2020

BURGER KING RESTAURANT

PROPOSED ELEVATIONS

JONES
PETRIE
RAFINSKI

DRIVE THRU ELEVATION

REAR ELEVATION

STATE OF FLORIDA
STEVEN J VANDENBURG
AR97395
REGISTERED ARCHITECT

BURGER KING RESTAURANT

PROPOSED ELEVATIONS

JONES
PETRIE
RAFINSKI