MOTT MACDONALD

Solar Panel Structural Assessment

City of Pensacola

July, 2022

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Contents

List of Figures

List of Tables

Executive Summary

In 2022, a Solar Feasibility Study (refer to **Appendix D**) was performed by Mott MacDonald. In that study, dozens of buildings were assessed to provide the City with information to determine which buildings would benefit most from the installation of solar panels. The study used building location, geometry, surroundings, and the sun's path to develop a practical roof area that could be used to install solar panels and produce the most energy in an efficient manner.

From the Solar Feasibility Study, the City of Pensacola selected four (4) structures to further investigate for placement solar panels: the Port of Pensacola Warehouse #8, the Pensacola Fleet Garage, Vickrey Center, and Fire Station #3. Subsequently, the City added one additional building, Bayview Community Center, which was not included in the Solar Feasibility Study. The next step was to perform a structural assessment of the above-referenced buildings, which is the basis of this report.

Mott MacDonald engineers visited each building, reviewed drawings provided by the City for select buildings, and used various standards and codes to determine the structures' ability to adequately support the addition of the proposed solar panels. The buildings consist of several different types of construction, roof types and materials, slopes, geometry, and age. In general, the structural framing and load bearing elements of all observed buildings appear to be in serviceable condition. No structural hardening or retrofitting is required at this time. However, the conditions of the roof systems varied from good to poor. It is likely that some of these will roofs will undergo a roof replacement either before the solar panels are installed or within the service life of the panels.

Installation of roof panels and replacement of roof systems with solar panels present introduces several other items that must be considered by the owners. While it is not in the scope of this report, Mott MacDonald has included some of these items and brief discussions for the benefit of the stakeholders to consider such things as existing roof warranties, roof warranties from the solar panel installer, cost of removing and reinstalling solar panels for roof replacements, and glare studies.

Project Sites and Information

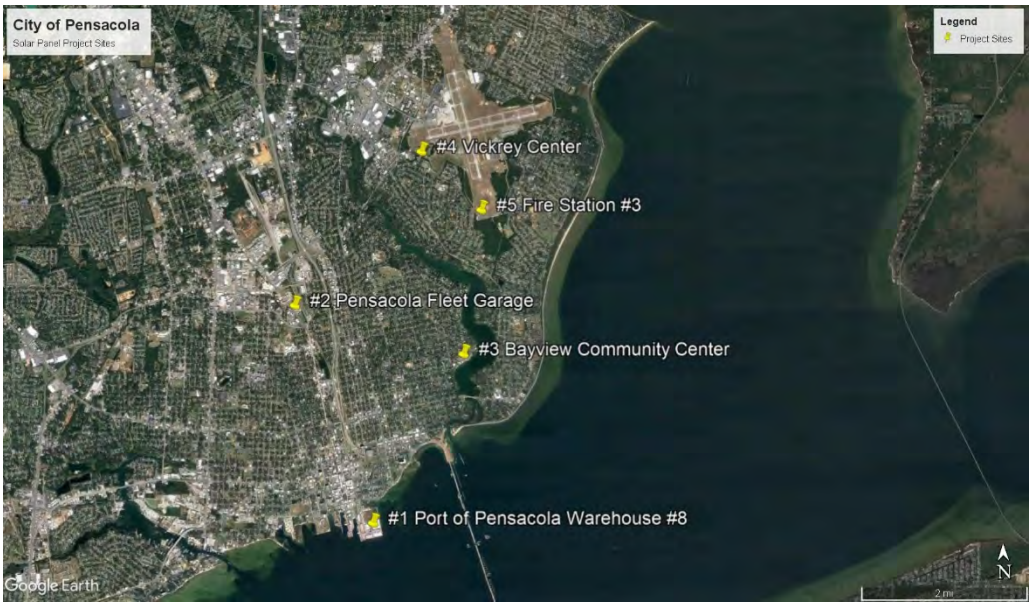
The City of Pensacola procured engineering services from Mott MacDonald to perform a structural assessment of five (5) City-owned buildings to assess the structural condition of the buildings and evaluate their ability to support the addition of solar panels. The sites are scattered around the Pensacola area and different strategies from in-person assessment and drawing review to code and standard interpretation were utilized to evaluate the buildings.

Project Sites

In January 2022, the City of Pensacola (hereafter referred to as the City) obtained Mott MacDonald to complete a structural assessment on five (5) City-owned buildings to determine if roof-mounted solar panels are feasible. The buildings, locations, and aerials are provided below. The buildings which make are the basis of this report are as follows:

1. Port of Pensacola, Warehouse #8 - 760 S Barracks St.
2. Pensacola Fleet Garage - 2759 N Palafox St.
3. Bayview Community Center – 2000 E Lloyd St.
4. Roger Scott Sports Complex, Vickrey Center – 2130 Summit Blvd.
5. Fire Station #3 - 2750 Summit Blvd.

Figure 1: Site Locations



Source: Google Maps (2022)

Figure 2: Aerial View – Port of Pensacola Warehouse #8

Source: Google Maps (2022)

Figure 3: Aerial View – Pensacola Fleet Garage

Source: Google Maps (2022)

Figure 4: Aerial View – Bayview Community Center

Source: Google Maps (2022)

Figure 5: Aerial View - Vickrey Center

Source: Google Maps (2022)

Figure 6: Aerial View - Fire Station #3

Source: Google Maps (2022)

Scope and Methodology

In 2022, a solar feasibility study was performed by Mott MacDonald. In that study, dozens of buildings were assessed to provide the City with information to determine what buildings would benefit most from the installation of solar panels. The study used building location, geometry, surroundings, and the sun's path to develop a practical roof area that could be used to install solar panels and produce the most energy in an efficient manner. The City narrowed that list down to four (4) buildings, and subsequently added a fifth building, settling on the list shown above. The City's next step was to engage Mott MacDonald to evaluate the buildings from a structural perspective. This purpose of this structural assessment is to identify the type of construction and the condition of any affected load-bearing elements, providing repairs or retrofit directives, along with the associated costs.

In May and June of 2022, Mott MacDonald engineers accessed the five (5) project sites to observe the existing framing, roof type, and their general condition to determine if the existing roof systems of the buildings can accommodate the additional loads applied by the new solar panels. The observations were visual in nature and were restricted to areas of access. No components, such as finishes or insulation, were removed to expose underlying structures or connections. Two of the buildings, the Bayview Community Center and Fire Station #3, have engineered drawings that were provided to Mott MacDonald by the City. These drawings were used in conjunction with information gathered from the site assessments to determine if the roof structures in question can support solar panels. For the condition assessments, engineers walked the perimeter of each building, observed the exterior building envelope, and observed the structural framing from the inside, as allowed, given the limitations described above. Using the drawings provided by the City, site visit observations, and applicable standards and codes, Mott Macdonald evaluated the buildings for the loads imposed by the solar panels.

Roof Systems and Condition Assessments

Using the methodology described above, Mott MacDonald performed an assessment of each building's structural components. Inspections were visual in nature and no material testing, or roof assembly examination was performed beyond what was readily visible. Mott MacDonald did not complete any destructive testing on the roof assemblies or any materials. Refer to **Appendix A** for images from the field observations.

Port of Pensacola Warehouse #8

Warehouse #8 at the Port of Pensacola is an 83,000 sq. ft. precast concrete building that is comprised of precast concrete tilt-up panels with a precast double-T beam roof structure. Based off Mott MacDonald research, it was constructed between 1978-1982.

Engineers observed the walls, columns, and precast double-T beams from the floor level and used an access ladder to get on the modified bitumen roof. There are approximately 30 vents (roughly 6'-5"x6'-5"), as well as an HVAC system mounted to the roof. Additionally, there is a small parapet on all four sides of the roof approximately 2 foot in height with scuppers at 45 feet on center. There is a one (1) foot wide by ten (10) inch high ridge that runs north and south as seen in **Figure 8**. Mr. Embelton with the Port of Pensacola met with Mott MacDonald staff on site and informed Mott MacDonald staff a section of the roof was replaced after it was damaged during Hurricane Sally. The remaining section of the roof shows signs of wear and tear and will likely require replacement in the foreseeable future. No observable structural deficiencies were found by Mott MacDonald. From what was visible, the existing roof system appears to be in serviceable condition.

Table 1: Information for Roof Panel Installation Warehouse #8

Roof Slope	Eave Height	Structural Roof Framing	Roof Type
Flat	≈25'-8"	Precast Double T-Beams	Modified Bitumen

Figure 7: Roof Deck Warehouse #8

Figure 8: Ridge Warehouse #8

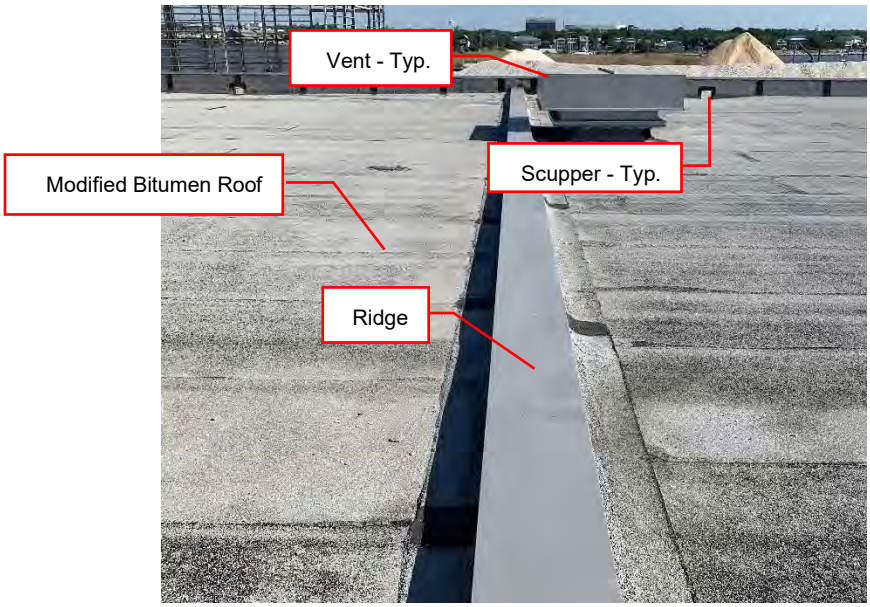


Figure 9: Northwest Elevation View - Warehouse #8

Pensacola Fleet Garage

The Pensacola Fleet Garage is a 22,300 sq. ft. pre-engineered metal building consisting of rigid frames with interior columns, girts, roof purlins, and metal sheathing. It was constructed in 1973.

Engineers observed the structure from the floor level and from the exterior at ground level. The following observations were made: There are approximately 52 skylights (roughly 10'x3') attached to the top of the corrugated metal roof, the existing roof is supported by rigid frames at 24 feet on center and purlins at 7 feet on center, and the existing roof deck has insulation on the underside that is damaged as seen in **Figure 10**.

After speaking with the Fleet Administrator, Dean Palag, Mott MacDonald was informed that the existing roof is scheduled to be replaced likely within the next year. It is understood that the roof replacement will occur prior to installation of the solar panels, thus saving on costs to remove and reinstall them. While it is unclear if the roof will be replaced in kind or replaced with an alternative roof system (such as standing seam metal roof), effects of additional roof material loads applied to the structure, if any, should be considered in addition to the new solar panels. No structural deficiencies of the load-bearing system to remain were observed by Mott MacDonald. Further discussion regarding costs associated with solar panel removal and reinstallation for roof repairs will be provided in the Error! Reference source not found. section.

Table 2: Information for Roof Panel Installation Fleet Garage

Roof Slope	Eave Height	Structural Roof Framing	Roof Type
½:12	≈20'-0"	LT Ga Purlins on Rigid Frames	Corrugated Metal Deck w/ Exposed Fasteners

Figure 10: Roof Deck - Fleet Garage

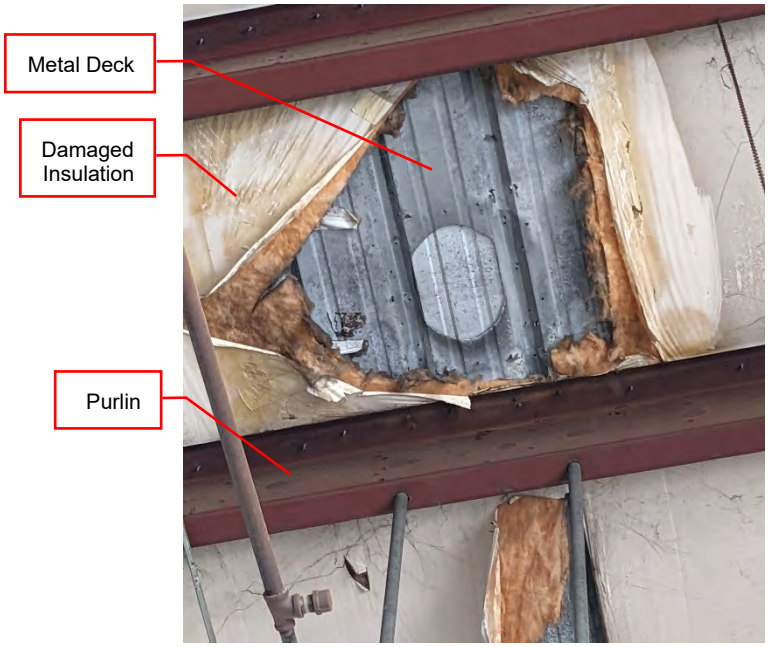


Figure 11: Roof Framing - Fleet Garage

Figure 12: Southeast Elevation View - Fleet Garage

Bayview Community Center

Bayview Community Center is a 18,000 sq. ft. structure that was built in 2020. According to the structural plans provided by the City, it is a steel frame building consisting of wide-flanged (W) and hollow structural section (HSS) beams. The roof is a single-ply membrane sitting on two different types of decking: 3” 20 Ga Vulcraft metal deck or Epicore ER 3.5A 20 Ga deck constructed in the shape of a hyperbolic paraboloid.

Engineers observed the structure from the underside and from the exterior at the ground level. Physical access to the roof was not available. Therefore, engineered drawings provided by the City were referenced to assess the structure. While roof access was not available, it is reasonable to conclude that the structure is in adequate condition, given the age of the building, the nature of the construction, and from lack of visible deficiencies. Refer to **Appendix B** for existing Bayview Community Center drawings.

Table 3: Information for Roof Panel Installation Bayview Community Center

Roof Slope	Eave Height	Structural Roof Framing	Roof Type
Varies	≈14’-0” Varies	Structural Steel W-shapes & HSS	Single-ply Membrane over 3” 20 Ga Metal Deck or ER 3.5A 20 Ga Deck

Figure 13: Elevation View – Bayview Community Center

Vickrey Center – Roger Scott Athletic Complex

According to the Escambia County Property Appraiser, the Vickrey Center was built in 1997 and has an approximate square footage of 21,100 sq. ft. The building consists of a standing seam metal roof supported by steel bar joists or trusses supported by masonry bearing walls with both brick veneer and metal siding. The roof system includes varying slopes and eave heights.

Engineers observed the structure from the floor level and from the exterior at the ground level. The roof framing members for this structure illustrated in **Figure 14** and consist of the following:

- Steel Trusses in the gymnasium spaced at approximately 12 feet on center
- Open web steel joists in the south hallway spanning east to west
- Open web steel joists in the east hallway spanning east to west
- Steel tubes spanning north to south in the central hallway
- Open Web steel joists in offices/classrooms

Mott MacDonald was unable to observe the roof deck close enough to determine profile or thickness. Additionally, no access was provided to observe the roof from above. From what was visible, the existing roof system appears to be in serviceable condition.

Table 4: Information for Roof Panel Installation Vickrey Center

Roof Slope	Eave Height	Structural Roof Framing	Roof Type
Varies	≈30’-0”	Varies (See below)	Standing Seam Metal Deck

Figure 14: Roof Framing Layout - Vickrey Center

Figure 15: Roof Framing - Steel Trusses - Vickrey Center Gym

Figure 16: Roof Framing - Bar Joists - Vickrey Center Offices

Figure 17: Roof Framing - Steel Tubes - Vickrey Center Central Hallway

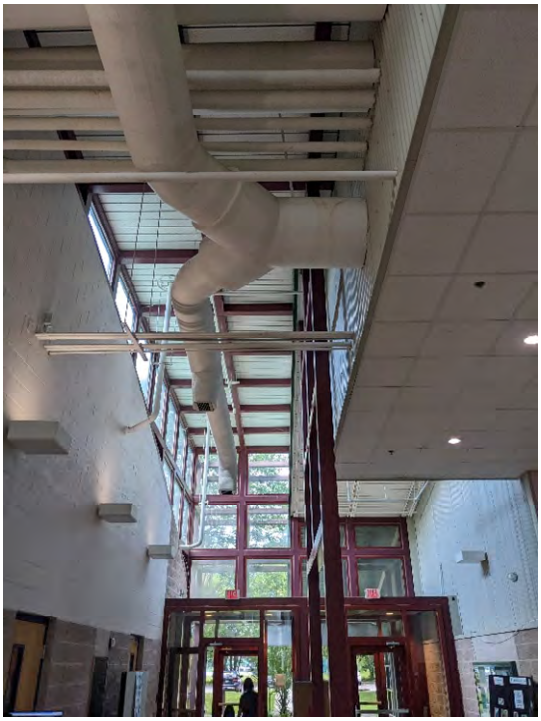


Figure 18: Roof Framing - Open Web Steel Bar Joists - Vickrey Center

Figure 19: North Elevation View – Vickrey Center

Fire Station #3

Fire Station #3 is a stucco-finished CMU structure that was constructed in 2019. The roof system consists of pitched sections (4:12 slope) and flat sections with roof drains. The roof framing of the structure consists of steel trusses and steel bar joists. It also features parapet walls on the north and south walls of the building and is supported by CMU walls.

Engineers observed the structure from the underside and the exterior at the ground level. Physical access to the roof was not available. Therefore, engineered drawings provided by the City were referenced to assess the structure. The roof is a single-ply membrane in the flat sections and standing seam metal roof on the pitched sections. The roof framing members for this structure consist of steel trusses, steel bar joists, and light gage roof purlins. Both flat and pitched sections have a 1 ½" 22 ga metal deck. Given the building's age and structural observations, the structure appears to be in adequate condition. Refer to **Appendix C** for existing Fire Station #3 drawings.

Table 5: Information for Roof Panel Installation Fire Station #3

Roof Slope	Eave Height	Joist	Roof Type
4:12, Flat	14'-0"	Steel Trusses, Steel Bar Joists	Membrane over Metal Deck

Figure 20: Roof Framing – Fire Station #3

Figure 21: South Elevation – Fire Station #3

Roof Load Capacities

To determine the roofs' structural capacity for adequately supporting the addition of new solar panels, three load categories must be considered: dead loads, roof live loads, and wind loads. For several of the buildings, design drawings, which indicate the loading criteria each building has been designed to and the precise materials, thicknesses, and weights, are not available. For this reason, the approach involves using code requirements and standard design approaches to justify the additional weight of the panels by substituting load demand from one category to another which is described in more detail below.

Dead Loads

ASCE7 and the Florida Building Code (FBC) define dead load as "the weight of materials of construction incorporated into the building, including but not limited to walls, floors, roofs, ceilings, stairways, built-in partitions, finishes, cladding and other similarly incorporated architectural and structural items, and the weight of fixed service equipment…"

For many of the buildings that are discussed in this report, we are not able to determine the magnitude of dead load the structure was designed to support. Therefore, it is not possible to check the additional weight of the solar panels against the excess capacity in the structure. Instead, a combination of dead loads and roof live loads will be used to offset the effects of the additional weight.

Roof Live Loads

ASCE7, similarly to the Florida Building Code (FBC), defines roof live load as "a load on a roof produced (1) during maintenance by workers, equipment, and materials, and (2) during the life of the structure by moveable objects such as planters or other similar small decorative appurtenances that are not occupancy related…"

For the roof types discussed in this report, both ASCE7 (Table 4.3-1) and the FBC (Table 1607.1) require the design to accommodate a roof live load of 20 psf. It should be noted that both ASCE7 (Section 4.8) and the FBC (Section 1603.1.2) allow for a reduction in the prescribed roof live load depending on the roof area and slope. When roof live loads are reduced, under no circumstances can the roof live load be reduced beyond 12 psf. However, after reviewing the geometry of each building, it is unlikely that much, if any, roof live load reduction would have been justifiably incorporated into the design.

Justification of Additional Weight of Solar Panels

The approach to justifying that the additional weight associated with the solar panels will not exceed the structural capacity involves using some of the capacity originally reserved for the roof live load and redirecting it to account for the solar panel weights. To do this, the weight of the solar panels and the original roof live loading must not act simultaneously. ASCE7 Section 4.17 states that the loads shall act concurrently with the following exception: "The roof live load need not be applied to the area covered by solar panels where the clear space between the panels and roof surface is 24 in. or less". Coordination between the roof structure, basis of design solar panel, and common connection types, it is highly likely this condition will be met. In the event the solar panels are installed in a manner that results in a clear distance greater than 24 inches between the panels and the roof surface, a more in-depth analysis will be required.

The weight of the basis of design panel is 2.3 pounds per square foot (psf), and other typical commercial solar panels investigated range from 2-5 psf. Once the solar panels are installed, this footprint no longer needs to be considered for roof live load. In essence, the 20 psf roof live load (or 12 psf in a worst-case scenario) is being substituted for the solar panels which apply a significantly lighter load. Therefore, gravity loading from the solar panels can be supported by each roof structure provided no other load conditions such as a heavier roof is installed during replacement, the condition of the structure remains serviceable, and the original design and construction followed all applicable code and erection standards.

Later sections of this report will discuss solar panel mounting options in greater detail. However, it should be noted that one commonly cited mounting strategy utilizes ballast mounts to hold the solar panels in place. Caution is stressed in using this as a mounting option, and ideally it is avoided due to the strong winds that occur in Pensacola, especially during hurricane season. Furthermore, the significant weight increase is beyond the justification previously explained and would require a more in-depth analysis should ballasts mounts be desired.

Wind Loads

Wind loads account for the uplift and downward pressures caused by a windstorm event. Design wind loads are based off wind speed maps provided by ASCE7 and subsequently adjusted by a variety of factors such as building geometry, surrounding terrain, risk category, and enclosure classification. In this report, wind loads acting on the panels and the building have been considered.

Wind Load on Panels- Wind loads have been calculated for the basis of design solar panel per ASCE7-16 Section 29.4.4. For this section to be applicable, the following requirements must be met:

- Panels must be parallel to the roof surface within 2 degrees
- Maximum height above roof surface no greater than 10 inches
- Minimum gap of ¼ inch between all panels and maximum spacing not to exceed 6.7 feet
- Minimum edge distance equal to two (2) times the height of the solar panel above the roof surface. Recommendations for edge distances will be discussed later in this report in the **Additional Considerations** section.

The solar panel considered in this report, as described in **Basis of Design Solar Panel**, has a “Max Design Load, Push/Pull” value of 75 pounds per square foot (psf). This value is used to assess whether the solar panel can handle the wind loads it will experience. In general, buildings experience elevated wind pressures around the roof edges and corners. While these pressures vary from building to building, in most cases, the wind pressures in these zones exceed the allowable capacity of the solar panels. While the actual solar panels selected for installation may have varying load ratings, it is recommended to install the solar panels at a distance away from the edge to avoid these elevated wind pressures. Refer to **Table 8** for recommended edge distances based on these zones. Lastly, the Solar Feasibility Study previously discussed was developed prior to this report. Thus, the edge distance recommendations provided herein were not considered when developing the roof areas to be used for solar panel installation.

Wind Load on Structure- Wind loads act perpendicular to the surface to which they are applied, in a similar manner to roofs. As previously discussed, the basis of design considers the solar panels to be located parallel to the existing roof and with a clear dimension less than 24 inches between the panels and the roof surface, likely considerably less. For this reason, it is reasonable

to conclude that the wind loads applied to the solar panels would be of the same magnitude as those applied to the roof without the presence of the solar panels. Additionally, with the proximity, wind loads would not act concurrently and therefore would not be additive.

Solar Panels

Mott MacDonald, in collaboration with local solar panel manufacturers and installers, has selected a specific solar panel model to be used for maintaining consistency throughout this report. This solar panel has been chosen for its characteristics and features that are consistent with commonly used solar panels in similar applications.

Basis of Design Solar Panel

Q.PEAK DUO ML-G6+ 330-345 solar module series. Most solar panels used in similar applications are comparable to the basis of design panels in terms of weight, size, performance, and properties.

- 43.9 lbs.
- 68.5 inches x 40.5 inches = 19.27 sq. ft.

Figure 22: Solar Panel Basis of Design

Table 6: Solar Panel Basis of Design Properties

PROPERTIES FOR SYSTEM DESIGN				
Maximum System Voltage V_{SYS}	[V]	1000 (IEC) / 1000 (UL)	Safety Class	II
Maximum Series Fuse Rating	[A DC]	20	Fire Rating based on ANSI / UL 1703	C (IEC) / TYPE 2 (UL)
Max. Design Load, Push / Pull[3]	[lbs / ft²]	75 (3600 Pa) / 55 (2667 Pa)	Permitted Module Temperature on Continuous Duty	–40 °F up to +185 °F (–40 °C up to +85 °C)
Max. Test Load, Push / Pull[3]	[lbs / ft²]	113 (5400 Pa) / 84 (4000 Pa)		
[3] See Installation Manual				

Source: Qcells USA Corp. via a local solar panel representative

Connector Details

There are three different mounting methods commonly used for solar panel attachments: clamp mounts, mounting brackets, and ballast mounts. Clamp mounting, the most non-intrusive method, requires no roof penetration. Instead, the clamps secure to the vertical seams on standing seam metal roofs. Roof-penetrating mounting brackets are another commonly employed method and involves screwing brackets into the roof. These mounting brackets come in a variety of forms that can be used on a wide range of roofs. However, any penetrations in a roof's surface can compromise its weathertightness and leave the roof susceptible to leaking. While measures such as sealants or gaskets are employed to prevent water intrusion, there is inherent risk involved when installing such fasteners, especially in the quantity required for large scale solar panel installation. Examples of clamp mounts and roof-penetrating mounting brackets are provide in **Figure 23** and **Figure 24/Figure 25**, respectively. Ballast mounts are an option for flat roof systems. Like clamp mounts, ballast mounts do not penetrate the roof but use self-weight to keep the solar panels in place. However, this method is typically not optimal for areas subject to high wind speeds. Furthermore, the additional weight required to counteract wind uplift pressures may exceed the roofs structural capacity. Should ballast mounts be desired on any of the buildings discussed in this report, further roof investigations and in-depth analysis would be required.

Depending on what roof type is present, different mounting methods as described above are typically preferred. Refer to **Table 7** for common mounting techniques for the roof types identified in this report and with respect to each building. Regardless of which roof type and attachment method is utilized, the system must be properly rated to handle the applied wind loads. Additionally, all manufacturer recommendations and installation requirements should be followed.

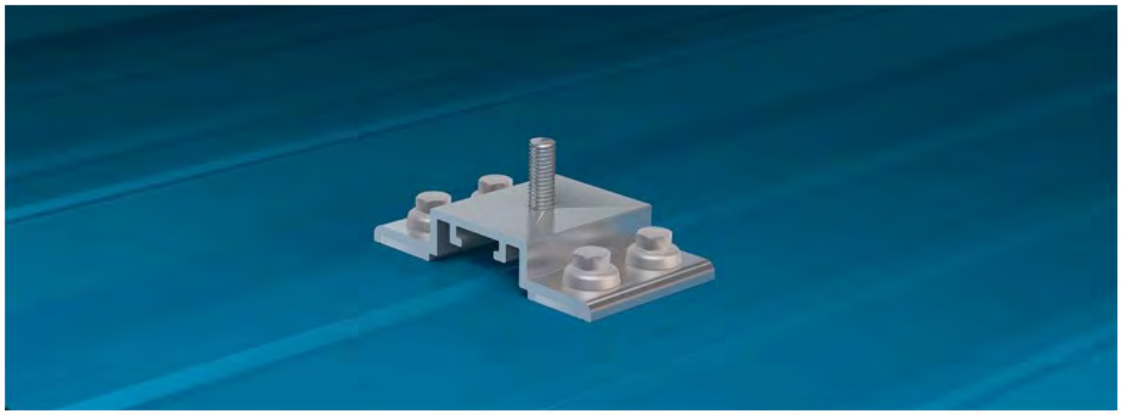
Figure 23: Standing Seam Metal Roof Clamp Mounts

Source: S-5! (https://www.s-5.com/do-you-have-a-standing-seam-metal-roof/)

Figure 24: Universal Mounting Bracket Commonly Used on Flat Roofs

Source: UNIRAC (https://unirac.com/pdf/flashloc-rm/)

Figure 25: Mounting Bracket Commonly Used on Exposed Fastener Roofs



Source: SolarFoot via Western States Metal Roofing (https://www.westernstatesmetalroofing.com/blog/solar-panels-on-metal-roof)

Table 7: Commonly Used Solar Panel Mounting Methods for Each Building

Building	Roof Type	Commonly Used Attachment
Port of Pensacola Warehouse #8	Modified Bitumen	Mounting Brackets
Pensacola Fleet Garage	Corrugated metal w/ Exposed Fasteners (may change)	Mounting Brackets or Clamp Mounts if Replaced with Standing Seam Metal Roof
Bayview Community Center	Single-Ply Membrane	Mounting Brackets
Vickrey Center	Standing Seam	Clamp Mounts
Fire Station #3	Standing Seam & Single-Ply Membrane	Clamp Mounts and Mounting Brackets

Additional Considerations

While the focus of this report is on the structural assessment of the buildings selected by the City, Mott MacDonald recognizes that there are many other components that should be taken into consideration while evaluating the installation of roof-mounted solar panels. To provide the City with a full understanding of all aspects involved with a project of this sort, Mott MacDonald shares the following thoughts for the City to consider. Please note that extensive research was not performed on the following topics given it was not the focus of this report, and the City should inquire for additional information from sources more familiar with the respect to the given topics.

Roof Warranties

When a roof, new or replacement, is installed on a building, it comes with a roof warranty that protects the roof from issues such as water infiltration, premature again, etc. Typical roof warranties have terms of approximately 20 to 30 years, and often specifically exclude roof penetrations, attachments, or additional utilities (i.e., solar panels) not designed or provided by the roof manufacturer. After speaking with multiple roofing contractors in the area, it is highly likely that manufacturers warranties for existing roofs will be voided after installing solar panels. In turn, it is common for the solar panel installer to provide a new roof warranty to protect the owner. However, it is possible that the new warranty will not encompass all of the components of the original roof warranty. Especially for newer roofs, such as the Bayview Community Center, it is imperative that the City fully understands the implications of installing roof panels that may alter or void the roof warranty. The City should coordinate and compare the original roof warranty with any future warranties that may be provided by the solar panel installer prior to purchasing or installing solar panels. Additionally, the City should consider all implications that may arise if a roof is needed to be replaced while solar panels are in service with respect to the roof warranty.

Commercial Panel Layout

Prior to this report, Mott MacDonald submitted a Solar Feasibility Study that estimated the practical area of roof that would be most beneficial to the production of power. Further investigation conducted for this report has provided results that could potentially impact the values shown in the Solar Feasibility Study. While that study considered roof geometry, surroundings, and the sun's path, it did not take into account structural considerations such as wind loading. Due to the high wind speeds in Pensacola, it is recommended that solar panel layouts consider portions of the roof that experience higher wind pressures. Wind pressures acting on a roof are categorized by zones. Zones that are near edges, corners, and ridges of the roof experience higher magnitude loads in a wind event. It is recommended to install the solar panels in zones that are not subject to these higher wind pressures. For simplicity, **Table 8** provides edge distances for each building that will allow limit the solar panels' exposure to these high wind zones.

Table 8: Requirements Solar Panel Edge Distances

Building	Edge Distance (ft)
Port of Pensacola Warehouse #8	16
Fleet Garage	9
Bayview Community Center	12
Vickrey Center – Roger Scott Athletic Complex	12
Fire Station #3	8

Glare Studies

Another item for the City to consider is the possibility of excessive glare coming from the solar panels. In theory, the purpose of a solar panel is to absorb the suns energy. While they are efficient at doing so in optimum conditions, they may be less effective other conditions such a solar angle that is less than ideal. In some cases, this can result in a more intense glare. The nuances of glares from solar panels and the requirements set forth by the Pensacola International Airport (PNS) and the Federal Aviation Administration (FAA) are beyond the scope of this Report, However, due to their proximity to PNS, the City should consider investigating any requirements that may be in place and, if necessary, have a glare study completed for the Vickrey Center and Fire Station #3 prior to commencing.

Panel Removal, Roof Maintenance, etc.

Apart from Bayview Community Center and Fire Station #3, the buildings have older roofs. These roofs will likely need to be replaced before new solar panels reach the end of their design life. A roof replacement would involve uninstalling/reinstalling the solar panels and would greatly add to the cost of a roof replacement. After contacting solar companies in the area, it is estimated that these costs would be on the magnitude of 85¢ per watt depending on size and type of mounting used. Using this estimate in conjunction with the feasible power sizes from the Solar Feasibility Study, an estimate for the additional cost of uninstalling and reinstalling solar panels for each building is illustrated in **Table 9**. As explained in the “Solar Panel Layout” section, the Feasible Power Sizes do not consider the impacts of avoiding the high wind pressure zones and may be subject to change. As such, this is a rough estimate and is only provided to illustrate the impact of solar panels with respect to roof replacements.

Table 9: Additional Cost of Reinstallation of Solar Panels

Structure	Feasible Power Size (W)	Additional Cost ($)
Port of Pensacola Warehouse #8	148,000	$125,800
Pensacola Fleet Garage	72,000	$61,200
*Bayview Community Center	*N/a	*N/a
Vickrey Center	222,000	$188,700
Fire Station #3	64,000	$54,400

*Bayview Community Center was not included in the solar feasibility study. Therefore, a feasible power size has not been calculated at this time.

Conclusions

Mott MacDonald has developed conclusions for each structures' ability to support the addition of solar panels. In general, the load-bearing components of each building appear to be in serviceable condition based on the observations made and the level of assessment described in earlier sections. The roof systems range in condition from good to poor. The City should consider all aspects of the project such as roof replacements, roof warranties, and glare studies.

Port of Pensacola Warehouse #8

The roof support structure for warehouse #8 at the Port of Pensacola is in serviceable condition. Mott MacDonald observed no structural deficiencies and believes that the installation of solar panels is structurally feasible. It appears that a smaller section of the roof was replaced after Hurricane Sally. The remaining section of the roof is showing signs of wear and tear. The City shall consider the impacts of replacing the roof with solar panels in service and coordinate with expected remaining roof life. It may be cost effective to replace the rest of the roof to avoid installing and reinstalling solar panels. It should be noted that additional corrosion protection may be required as the structure is in a saltwater environment. Mott MacDonald believes that solar panels are structurally feasible.

Pensacola Fleet Garage

The roof support structure for the Pensacola Fleet Garage is in serviceable condition. Mott MacDonald was told by Fleet Administrator, Dean Palag, that the roof of the fleet garage is likely to be replaced in the near future. It would be cost effective to replace the roof before installation of solar panels to avoid uninstalling and reinstalling solar panels. Coordination between the new roof system and the desired solar panel attachment is advisable. Mott MacDonald believes that solar panels are structurally feasible.

Bayview Community Center

According to the design drawings for the Bayview Community Center, the shape of the roof is a hyperbolic paraboloid, with a membrane roof and metal deck sitting above structural steel. Due to the young age of the structure and lack of noticeable deficiencies, Mott MacDonald believes that the installation of solar panels is structurally feasible. It should be noted that additional corrosion protection may be necessary as the structure is in a saltwater environment.

Vickrey Center - Roger Scott Athletic Complex

The roof support structure for the Vickrey Center shows no signs of structural issues and is believed to be in serviceable condition. However, consideration should be given to the glare given off by the solar panels due to the proximity of Pensacola International Airport. Mott MacDonald has observed no structural issues and believes that solar panels are structurally feasible.

Fire Station #3

The roof support structure for Fire Station #3 is in serviceable condition. It should be noted that roof drains are present in the flat roofed areas of this structure and additional care should be taken with respect to the location of panel installation to ensure proper drainage. Additionally, consideration should be given to the glare given off by the solar panels due to the proximity of

Pensacola International Airport. Mott MacDonald has observed no structural issues and believes that solar panels are structurally feasible.

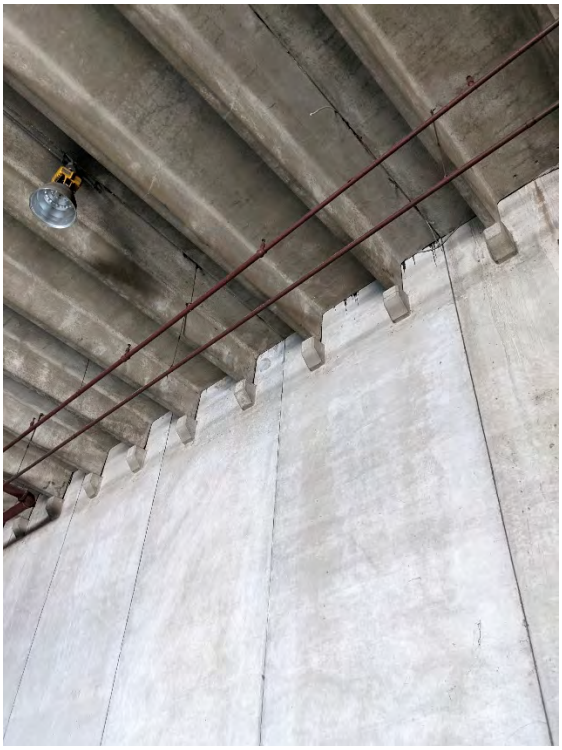
Appendices

Appendix A: Field Observations

Warehouse #8 - Typical Vent

Warehouse #8 - Facing West

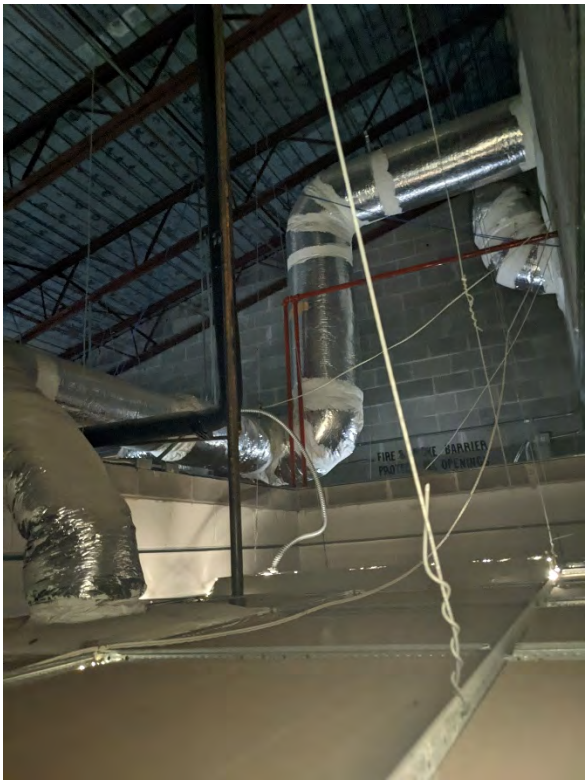
Warehouse #8 - Roof Support Framing



Warehouse #8 - Roof Support Framing

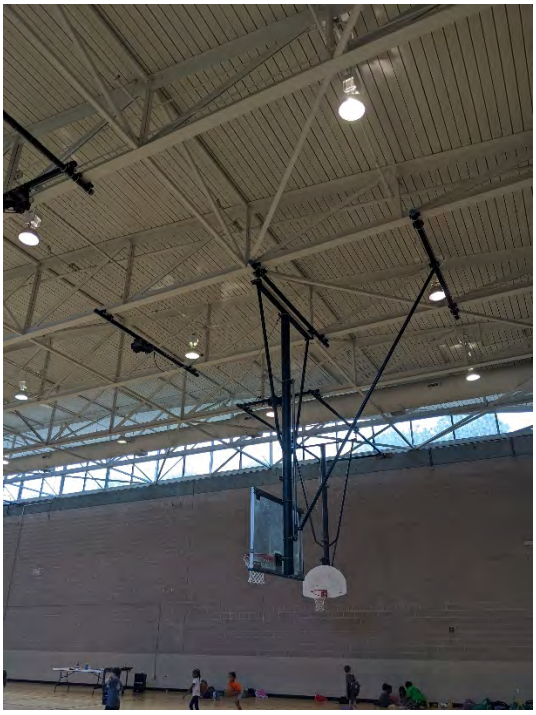
Warehouse #8 – HVAC Unit

Warehouse #8 – Southwest Corner



Vickrey Center – Roof Framing

Vickrey Center – Roof Framing



Vickrey Center – Roof Framing

Appendix B: Bayview Community Center Existing Drawings

INDEX OF DRAWINGS

SHEET NO.	SHEET NAME	PERMIT SET 03/20/2018	ADDENDUM A 04/24/2018
GENERAL			
G001	COVER SHEET	■	
G002	INDEX OF DRAWINGS	■	■
G003	PROJECT INFORMATION	■	■
G101	LIFE SAFETY PLAN & CODE ANALYSIS	■	■
CIVIL			
C001	GENERAL NOTES & LEGEND	■	■
C002	GENERAL NOTES		■
C003	GENERAL NOTES		■
C101	EXISTING CONDITIONS PLAN	■	
C102	SITE DEMOLITION PLAN	■	■
C103	SCHEDULES	■	
C201	SITE GEOMETRY PLAN	■	■
C202	SITE GEOMETRY PLAN	■	■
C301	SITE GRADING PLAN	■	■
C302	STORM DRAINAGE PLAN	■	■
C401	SITE UTILITY PLAN	■	■
C501	SECTIONS & DETAILS	■	■
C502	SECTIONS & DETAILS	■	■
C503	SECTIONS & DETAILS	■	
C504	SECTIONS & DETAILS	■	■
C505	SECTIONS & DETAILS	■	■
C506	SECTIONS & DETAILS	■	
C507	SECTIONS & DETAILS	■	
C508	SECTIONS & DETAILS	■	
C509	SECTIONS & DETAILS	■	
C601	EROSION CONTROL	■	
C602	EROSION CONTROL	■	
C701	ADDITIVE ALTERNATE PLANS	■	
C801	FDOT STANDARD DETAILS		■
LANDSCAPING			
L101	LANDSCAPE PLAN	■	
L102	LANDSCAPE DETAILS	■	
L201	IRRIGATION PLAN	■	
L202	IRRIGATION DETAILS	■	
STRUCTURAL			
S001	GENERAL NOTES	■	
S002	GENERAL NOTES & WIND INFORMATION	■	
S100	FOUNDATION & SLAB-ON-GRADE PLAN OVERALL	■	■
S101	FOUNDATION PLAN - AREA A	■	■
S101.5	SLAB-ON-GRADE PLAN - AREA A	■	■
S102	FOUNDATION PLAN - AREA B	■	
S102.5	SLAB-ON-GRADE PLAN - AREA B	■	
S120	ROOF FRAMING PLAN - OVERALL	■	■
S121	ROOF FRAMING PLAN - AREA A	■	
S121.5	ROOF FRAMING LAYOUT PLAN - AREA A	■	
S122	ROOF FRAMING PLAN - AREA B	■	
S122.5	ROOF FRAMING LAYOUT PLAN - AREA B	■	
S200	ELEVATIONS	■	
S201	ELEVATIONS	■	
S202	ELEVATIONS	■	
S203	ELEVATIONS	■	
S204	ELEVATIONS	■	
S205	ELEVATIONS	■	
S401	FOUNDATION DETAILS	■	
S402	FOUNDATION DETAILS	■	
S403	FOUNDATION DETAILS	■	
S404	FOUNDATION SECTIONS & DETAILS		■
S420	ROOF SECTIONS AND DETAILS	■	
S421	ROOF SECTIONS AND DETAILS	■	
S422	ROOF SECTIONS AND DETAILS	■	
S501	TYPICAL FOUNDATION DETAILS	■	
S502	TYPICAL CONCRETE DETAILS	■	
S503	TYPICAL COLUMN DETAILS	■	
S510	TYPICAL STEEL DETAILS	■	
S511	TYPICAL BRACED FRAME DETAILS	■	
S701	ALTERNATE #1 - SIGNAGE PYLON	■	
ARCHITECTURAL			
A100	ARCHITECTURAL SITE PLAN	■	
A101	FLOOR PLAN	■	■
A102	REFLECTED CEILING PLAN	■	
A103	ROOF PLAN	■	
A201	ELEVATIONS	■	■
A202	ELEVATIONS	■	■
A301	BUILDING SECTIONS	■	

A

INDEX OF DRAWINGS

SHEET NO.	SHEET NAME	PERMIT SET 03/20/2018	ADDENDUM A 04/24/2018
A302	BUILDING SECTIONS	■	
A311	WALL SECTIONS	■	
A312	WALL SECTIONS	■	■
A313	WALL SECTIONS	■	
A401	INTERIOR ELEVATIONS	■	
A402	ENLARGED PLANS	■	
A501	ASSEMBLY TYPES	■	
A502	DETAILS	■	
A503	DETAILS	■	■
A504	DETAILS	■	
A505	DETAILS	■	
A506	DETAILS	■	
A507	DETAILS	■	
A511	DOOR DETAILS	■	
A512	DOOR DETAILS	■	
A521	STOREFRONT & CURTAINWALL DETAILS	■	
A522	STOREFRONT & CURTAINWALL DETAILS	■	
A601	DOOR SCHEDULE	■	■
A602	STOREFRONT ELEVATIONS	■	■
A603	STOREFRONT ELEVATIONS	■	■
A701	ALTERNATE #1 - SIGNAGE PYLON	■	
INTERIORS			
I101	FINISH PLAN	■	
I102	FINISH PLAN	■	■
I401	INTERIOR ELEVATIONS	■	
I402	INTERIOR ELEVATIONS	■	
I403	INTERIOR ELEVATIONS	■	
I611	FINISH INDEX	■	■
FOODSERVICE			
Q100	FOODSERVICE EQUIPMENT PLAN	■	
Q200	FOODSERVICE EQUIPMENT SCHEDULE	■	
Q300	FOODSERVICE ELECTRICAL CONNECTION PLAN	■	
Q400	FOODSERVICE PLUMBING CONNECTION PLAN	■	
Q500	FOODSERVICE SPECIAL CONDITIONS PLAN	■	
Q600	FOODSERVICE ELEVATIONS & 3D VIEWS	■	
Q700	FOODSERVICE DETAILS	■	
Q701	FOODSERVICE DETAILS	■	
FIRE PROTECTION			
FP101	FIRE PROTECTION FLOOR PLAN	■	
FP201	FIRE PROTECTION DETAILS	■	
PLUMBING			
P101	PLUMBING OVERALL FLOOR PLAN	■	
P111	PLUMBING PARTIAL FLOOR PLAN - PART A	■	
P112	PLUMBING PARTIAL FLOOR PLAN - PART B	■	
P201	PLUMBING DETAILS	■	
P202	PLUMBING RISER DIAGRAM	■	
P203	PLUMBING RISER DIAGRAM	■	
P301	PLUMBING SCHEDULES, LEGENDS, AND DETAILS	■	
MECHANICAL			
M101	HVAC OVERALL FLOOR PLAN	■	
M111	HVAC PARTIAL FLOOR PLAN - PART A	■	
M112	HVAC PARTIAL FLOOR PLAN - PART B	■	
M113	HVAC PIPING FLOOR PLAN	■	
M201	ENLARGED MECHANICAL ROOM PLANS	■	
M202	MECHANICAL ROOM SECTIONS	■	
M301	HVAC PIPING DIAGRAMS	■	
M302	HVAC DETAILS	■	
M303	HVAC DETAILS	■	
M401	HVAC CONTROLS	■	
M402	HVAC CONTROLS	■	
M403	HVAC CONTROLS	■	
M501	HVAC SCHEDULE AND LEGEND	■	
M502	HVAC SCHEDULES	■	
ELECTRICAL			
E001	ELECTRICAL SITE PLAN	■	■
E002	PANEL SCHEDULES	■	■
E003	LIGHTING FIXTURE SCHEDULE POWER RISER DIAGRAM	■	■
E101	PARTIAL LIGHTING PLAN PART A	■	■
E102	PARTIAL LIGHTING PLAN PART B	■	
E103	PARTIAL POWER PLAN PART A	■	
E104	PARTIAL POWER PLAN PART B	■	
E105	PARTIAL COMMUNICATION PLAN PART A	■	■
E106	PARTIAL COMMUNICATION PLAN PART B	■	■
E107	PARTIAL FIRE ALARM SYSTEM PLAN PART A	■	
E108	PARTIAL FIRE ALARM SYSTEM PLAN PART B	■	
E109	PARTIAL MECHANICAL EQUIPMENT POWER PLAN - PART A	■	
E110	PARTIAL MECHANICAL EQUIPMENT POWER PLAN - PART B	■	
AUDIO VISUAL			
X100	AV FLOOR PLAN	■	
X101	AV REFLECTED CEILING PLAN	■	
X102	AV EVENT SPACE ELEVATIONS	■	
X103	AV PATIO ELEVATION	■	
X104	AV SYSTEM SCHEMATIC	■	

A

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PROJECT ISSUES:

SCHEMATIC DESIGN	07/13/17
DESIGN DEVELOPMENT	10/13/17
50% SUBMITTAL	12/22/17
90% SUBMITTAL	02/28/18
PERMIT SET	03/20/18

A ADDENDUM A 4/25/2018

PROJECT TEAM:

CIVIL
Kenneth Horne & Associates, Inc.
STRUCTURAL
Joe DeReuil Associates, LLC
ARCHITECTURAL / INTERIOR DESIGN
Caldwell Associates
FIRE PROTECTION
H.M. Yonge & Associates
PLUMBING/FIRE PROTECTION
H.M. Yonge & Associates
MECHANICAL
H.M. Yonge & Associates
ELECTRICAL/FIRE ALARM
Klocke & Associates
TELECOMMUNICATION/SECURITY
Klocke & Associates
AUDIO-VISUAL
Walthall & Associates
FOOD SERVICES
Camacho Foodservice Design

PROJECT:
BAYVIEW COMMUNITY RESOURCE CENTER

The City of PENSACOLA

2001 E. LLOYD ST PENSACOLA, FLORIDA 32503

ARCHITECT'S SEAL

H. MILLER CALDWELL, JR
AR 7462

PROJECT NO. : 2416
SHEET TITLE:
INDEX OF DRAWINGS

SHEET NUMBER:
G002

PERMIT SET

PRINT DATE: 4/25/2018 4:01:29 PM

DO NOT SCALE DRAWINGS

SCOPE OF WORK

SCOPE OF WORK INCLUDES A NEW 18,000 SQUARE FOOT FACILITY WITH PARKING, LANDSCAPE AND EXTERIOR CONCRETE WALKWAYS. FACILITY FUNCTIONAL SPACES INCLUDE MEETING AND EXERCISE ROOMS, RENTAL MULTIFUNCTION SPACES AND STORAGE FOR WATER-BASED EQUIPMENT, INCLUDING THE RENTAL AND STORAGE OF KAYAKS, ROWING SHELLS AND PADDLEBOARDS.
FACILITY INFRASTRUCTURE INCLUDES, FIRE PROTECTION, MECHANICAL, ELECTRICAL, COMMUNICATIONS, AND AUDIO-VISUAL SYSTEMS. SITE DEVELOPMENT WILL INCLUDE A NEW ACCESS ROAD WITH PARKING, AND PAVED ENTRANCE POINTS FOR LOADING AND PERSONNEL ACCESS.
STORM WATER MANAGEMENT IS A CRITICAL COMPONENT OF THIS PROJECT, AS THIS FACILITY IS ADJACENT TO A MAIN WATER WAY. THE EXTENSION AND RECONFIGURATION OF EXISTING SITE UTILITIES, INCLUDING STORMWATER, IS ALSO INCLUDED IN THE SCOPE OF WORK.
IN ADDITION TO BASE BID SCOPE OF WORK, ADDITIONAL WORK SCOPE PROVIDED BY FOUR BID ALTERNATES IS IDENTIFIED AS FOLLOWS:

- BID ALTERNATE 1: PROVIDE AND INSTALL A PRE-ENGINEERED, PREFINISHED METAL FRAME SIGNAGE PYLON, COMPLETE WITH CONCRETE FOUNDATIONS, CONCRETE PAVERS AND IN-GROUND LIGHTING, IN LIEU OF BASE BID PAVED CONCRETE AREA.
- BID ALTERNATE 2: OMITTED
- BID ALTERNATE 3: PROVIDE AND INSTALL A CAST-IN-PLACE CONCRETE OVERLOOK PAD WITH THREE-FOOT LONG WALKWAY, CONNECTING TO BASE BID WALKWAYS, IN LIEU OF BASE BID LANDSCAPED AREA.
- BID ALTERNATE 4: PROVIDE AND INSTALL TERRAZZO FLOOR TILE IN DESIGNATED AREAS OF THE FLOOR PLAN, IN LIEU OF BASE BID PORCELAIN FLOOR TILE IN THESE AREAS.

A

APPLICABLE CODES

THE FOLLOWING CODES AND REVISIONS ARE APPLICABLE TO THIS PROJECT:

FLORIDA BUILDING CODE; 2017 (FBC)
FLORIDA BUILDING CODE; 2017 ACCESSIBILITY (FBC-A)
FLORIDA BUILDING CODE; 2017 EXISTING BUILDING (FBC-EB)
FLORIDA BUILDING CODE; 2017 PLUMBING (FBC-P)
FLORIDA BUILDING CODE; 2017 MECHANICAL (FBC-M)
FLORIDA BUILDING CODE; 2017 ELECTRICAL (FBC-E)
FLORIDA FIRE PREVENTION CODE; 2017 (FFPC)

MATERIAL LEGEND

- EARTH/COMPACT FILL
- CAST-IN-PLACE/PRECAST CONCRETE
- MORTAR/GROUT (SECTION)
  GYPSUM BOARD (ELEVATION)
- FINISH GRADE WOOD
- NOMINAL DRESSED BLOCKING
- SHIM/FILLER BLOCKING WITH BACKER ROD AND SEALANT
- CMU (IN SECTION)
- RIGID INSULATION
- BATT INSULATION
- PLYWOOD
- GYPSUM BOARD

PRODUCT APPROVAL

DOORS:
HOLLOW METAL DOORS AND FRAMES NOA #

LOUVERS:
PREFINISHED ALUMINUM NOA #

ROOFING SYSTEM:
ROOFING MEMBRANE NOA #

NOTE: EXTERIOR DOORS, LOUVERS, AND ROOFING SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS, INCLUDING FASTENER TYPE, SIZE, AND SPACING, TO MEET DESIGN WIND PRESSURES INDICATED ON THE STRUCTURAL DRAWINGS. REFER TO ADDITIONAL ENGINEERING REQUIREMENTS FOR THESE COMPONENTS IN THE PROJECT SPECIFICATIONS.

PROJECT TEAM

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SYMBOLS LEGEND

- EXTERIOR ELEVATION: 1 / A101 — DETAIL NUMBER; SHEET DRAWN ON
- INTERIOR ELEVATION: 1 / A101 — DETAIL NUMBER; SHEET DRAWN ON
- SECTION: 1 SIM / A101 — DETAIL NUMBER; SHEET DRAWN ON
- ENLARGED CALLOUT: 1 SIM / A101 — DETAIL NUMBER; SHEET DRAWN ON
- 1 — KEYNOTE; SEE GENERAL NOTE 8
- 101 / Name — ROOM IDENTIFICATION; SEE FINISH INDEX
- C115A — DOOR IDENTIFICATION; SEE DOOR SCHEDULE
- 4A — WINDOW OR LOUVER IDENTIFICATION; SEE WINDOW SCHEDULE
- A — SPECIALTY EQUIPMENT IDENTIFICATION; SEE ACCESSORY SHEDULE
- A3 — PARTITION TYPE; SEE WALL TYPE SCHEDULE
- Name / Elevation — ELEVATION
- NORTH ARROW
- 1 — REVISION SYMBOL AND BUBBLE
- TITLE KEY: 1' View Name; A102 | A101; 1/8" = 1'-0"; 8' 4' 0' 8' 16'
  - DETAIL NUMBER
  - GRAPHIC SCALE BAR
  - SHEET DRAWN ON
  - SHEET OF FIRST REFERENCE

BID SCHEDULE

BASE BID:
ALL MATERIALS, EQUIPMENT AND LABOR REQUIRED TO PERFORM THE SCOPE OF WORK INDICATED IN THE CONTRACT DOCUMENTS, EXCLUSIVE OF ALL BID ALTERNATES.

BID ALTERNATE #1:
PROVIDE AND INSTALL A PRE-ENGINEERED, PREFINISHED METAL FRAME "SIGNAGE PYLON", COMPLETE WITH FOUNDATIONS, CONCRETE PAVERS (IN LIEU OF CONCRETE PAVED AREA) AND IN-GROUND LIGHTING, AS SHOWN ON THE CIVIL AND ARCHITECTURAL DRAWINGS.

BID ALTERNATE #2:
OMITTED

BID ALTERNATE #3:
PROVIDE AND INSTALL A CAST-IN-PLACE CONCRETE "OVERLOOK PAD" WITH 3-FOOT LONG WALKWAY EXTENSION CONNECTING TO BASE BID WALKWAYS, IN LIEU OF LANDSCAPING, AS SHOWN ON THE CIVIL AND ARCHITECTURAL DRAWINGS.

BID ALTERNATE #4:
PROVIDE AND INSTALL TERRAZZO FLOOR TILE IN DESIGNATED AREAS OF THE FLOOR PLAN IN LIEU OF BASE BID PORCELAIN TILE, AS SHOWN ON THE ARCHITECTURAL DRAWINGS.

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GENERAL NOTES

1. DO NOT SCALE DRAWINGS; REFERENCE DIMENSIONS ON DRAWINGS AND FIELD VERIFY ALL MEASUREMENTS.
2. UNLESS NOTED OTHERWISE, DIMENSIONS ARE TO FACE OF STUD, COLUMN CENTERLINE, OR FACE OF EXISTING FINISH.
3. UNLESS NOTED OTHERWISE, PROVIDE CONTINUOUS 2x6 BLOCKING OR 18ga GALVANIZED METAL STRAPPING FOR ALL HANDRAILS, GRAB BARS, OTHER ACCESSORIES, FIXTURES, BRACKETS, OFCI ITEMS AND MISCELLANEOUS SPECIALTIES.
4. ALL WALL MOUNTED CABINETS, WALL MOUNTED TV's, AND MONITORS SHALL HAVE WOOD BLOCKING BETWEEN STUDS FOR INSTALLATION.
5. DUE TO MANUFACTURER'S VARIATION WITH SIZE OF EQUIPMENT, CASEWORK, PLUMBING FIXTURES, ETC., ALL DIMENSIONS REFERRING TO THE SPACE WHERE SUCH ITEMS ARE BUILT-IN SHALL BE VERIFIED WITH THE ITEM SUPPLIED.
6. ALL DISCREPANCIES OR CONFLICTING INFORMATION BETWEEN AS ERECTED CONDITIONS, CONSTRUCTION DRAWINGS, AND SPECIFICATIONS ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR RESOLUTION BEFORE COMMITTING TO WORK OUTLINED.
7. KEYNOTE NUMBERING SEQUENCE FOUND ON ONE SHEET IS INDEPENDENT FROM OTHER SHEETS IN THE SET.
8. DO NOT SEPARATE SET. CONTRACTOR IS RESPONSIBLE FOR CAPTURING ALL OF THE INFORMATION IN THIS SET OF DRAWINGS AND SPECIFICATIONS.
9. CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND FACILITATE INSTALLATION OF REQUIRED VENDOR FURNITURE, FIXTURES AND EQUIPMENT INSTALLATION
10. IF DISCREPANCIES BETWEEN DRAWINGS AND SPECIFICATION OCCUR, HIGHEST COST AND MOST STRINGEST REQUIREMENT APPLIES UNLESS BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
11. ALL EXTERIOR CLADDING SHALL MEET THE FLORIDA BUILDING CODES

ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	EXIST	EXISTING	OFOI	OWNER FURNISHED, OWNER INSTALLED
AFG	ABOVE FINISHED GRADE	EXP	EXPANSION	OPNG	OPENING
ACOUS	ACOUSTICAL	EXT	EXTERIOR	OVH	OVERHANG
ADJ	ADJUSTABLE	FND	FOUNDATION	PT	PLATE
AL	ALUMINUM	FFE	FINISH FLOOR ELEVATION	PLYWD	PLYWOOD
AB	ANCHOR BOLT	FIN	FINISH	R	RADIUS
APPROX	APPROXIMATELY	FLR	FLOOR	RO	ROUGH OPENING
BD	BOARD	FLUOR	FLUORESCENT	REINF	REINFORCED
BLDG	BUILDING	FRT	FIRE RETARDANT TREATED	REQD	REQUIRED
BLK	BLOCK	FT	FOOT	RET	RETAINING
BM	BEAM	FTG	FOOTING	RM	ROOM
BOD	BOTTOM OF DECK	FP	FILLER PANEL	SC	SCUPPER
CB	CATCH BASIN	FV	FIELD VERIFY	SCHED	SCHEDULE
CDS	CONCEALED DOWNSPOUT	GA	GAUGE	SECT	SECTION
CG	CORNER GUARD	GALV	GALVANIZED	SHT	SHEET
CJ	CONTROL JOINT	GEN	GENERAL	SIM	SIMILAR
CMU	CONCRETE MASONRY UNIT	GYP	GYPSUM	SPEC	SPECIFICATION
CEM	CEMENT	GYP BD	GYPSUM BOARD	SQ	SQUARE
CLG	CEILING	HM	HOLLOW METAL	SQ FT	SQUARE FOOT
COL	COLUMN	HORIZ	HORIZONTAL	ST	STANDARD
CONC	CONCRETE	HT	HEIGHT	STL	STEEL
CONST	CONSTRUCTION	INSUL	INSULATION	STRUCT	STRUCTURAL
CONT	CONTINUOUS	INT	INTERIOR	SUSP	SUSPENDED
DBL	DOUBLE	JT	JOINT	T&G	TONGUE AND GROOVE
DTL	DETAIL	LAM	LAMINATE	TO	TOP OF
DIA	DIAMETER	LAV	LAVATORY	TOD	TOP OF DECK
DIAG	DIAGONAL	LT WT	LIGHT WEIGHT	TOG	TOP OF GRADE
DIM	DIMENSION	MO	MASONRY OPENING	TOS	TOP OF SLAB
DS	DOWNSPOUT	MANUF	MANUFACTURER	TOW	TOP OF WALL
DWGS	DRAWINGS	MAX	MAXIMUM	TEL	TELEPHONE
EA	EACH	MECH	MECHANICAL	TYP	TYPICAL
EF	EXHAUST FAN	MTL	METAL	VIF	VERIFY IN FIELD
EL	ELEVATION	MIN	MINIMUM	VTR	VENT THROUGH ROOF
ELECT	ELECTRICAL	NIC	NOT IN CONTRACT	WWF	WELDED WIRE FABRIC
EQ	EQUAL	OC	ON CENTER	WD	WOOD
EQUIP	EQUIPMENT	OH	OPPOSITE HAND	XPT	EPOXY PAINT
		OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED		

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ELECTRICAL/FIRE ALARM
Klocke & Associates
TELECOMMUNICATION/SECURITY
Klocke & Associates
AUDIO-VISUAL
Walthall & Associates
FOOD SERVICES
Camacho Foodservice Design

PROJECT:
BAYVIEW COMMUNITY RESOURCE CENTER

The City of PENSACOLA

2001 E. LLOYD ST PENSACOLA, FLORIDA 32503

ARCHITECT'S SEAL

H. MILLER CALDWELL, JR
AR 7462

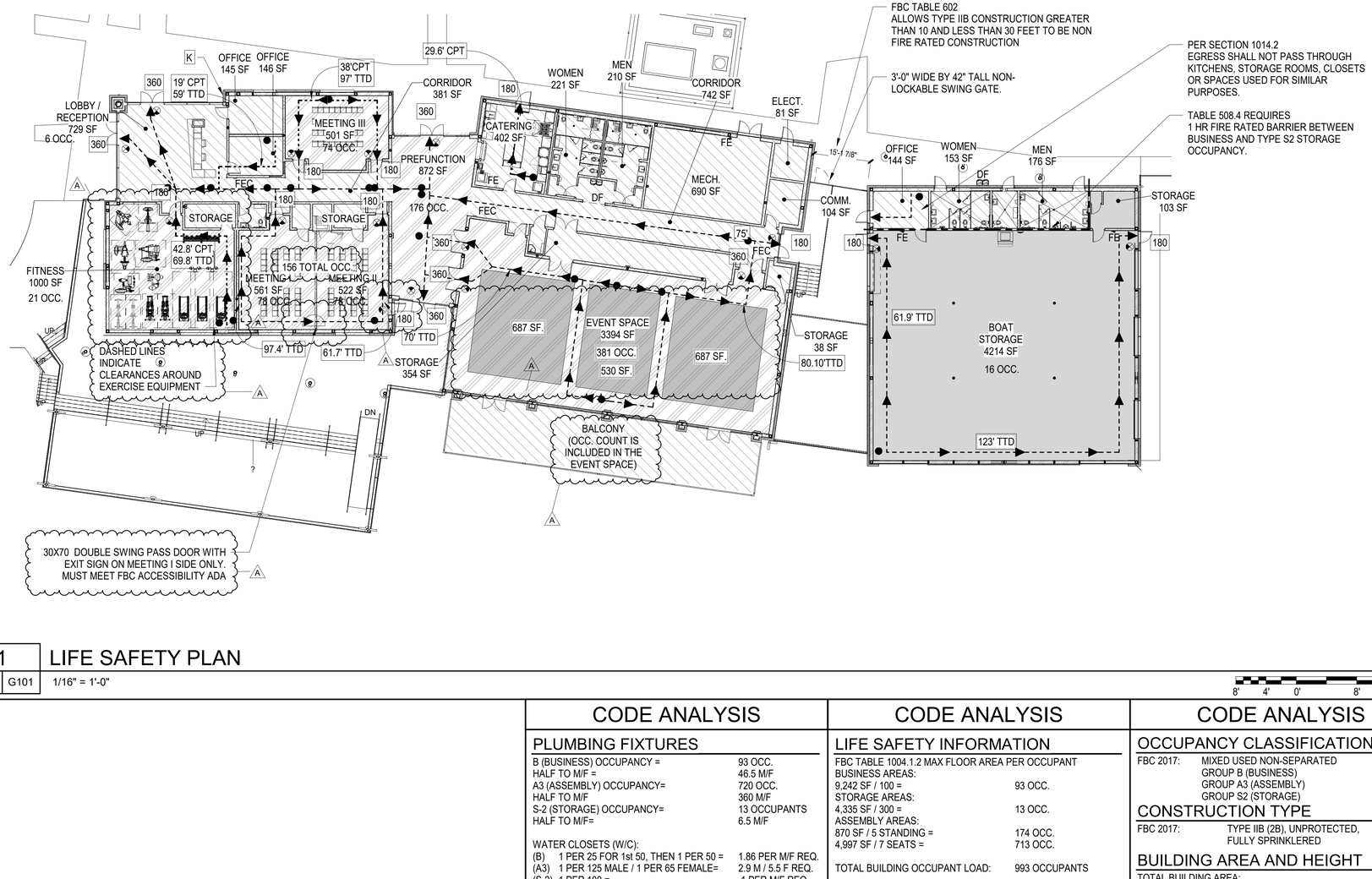
PROJECT NO. : 2416
SHEET TITLE:
PROJECT INFORMATION

SHEET NUMBER:
G003

PERMIT SET

PRINT DATE: 4/25/2018 2:06:05 PM

DO NOT SCALE DRAWINGS



TRUE NORTH | PROJECT NORTH

1 LIFE SAFETY PLAN

A201 | G101

1/16" = 1'-0"

8' 4' 0' 8' 16'

LEGEND

- 1 HR RATED CONSTRUCTION
- TRAVEL PATH
- COMMON PATH
- EXIT SIGN
- FEC — FIRE EXTINGUISHER CABINET; SEMI-RECESSED
- FE — FIRE EXTINGUISHER; WALL HUNG
- K — KNOX BOX; FULLY RECESSED; CONTRACTOR TO COORDINATE WITH FIRE MARSHAL FOR EQUIPMENT AND LOCATION
- TTD — TOTAL TRAVEL DISTANCE TO EXIT
- CPT — COMMON PATH OF TRAVEL
- OCCUPANCY FACTOR AREA CALCULATION OF EGRESS REQ. BUSINESS (B)
- OCCUPANCY FACTOR AREA CALCULATION OF EGRESS REQ. ASSEMBLY (A3)
- OCCUPANCY FACTOR AREA CALCULATION OF EGRESS REQ. STORAGE (S2)

CODE ANALYSIS

PLUMBING FIXTURES

B (BUSINESS) OCCUPANCY =	93 OCC.
HALF TO M/F =	46.5 M/F
A3 (ASSEMBLY) OCCUPANCY=	720 OCC.
HALF TO M/F	360 M/F
S-2 (STORAGE) OCCUPANCY=	13 OCCUPANTS
HALF TO M/F=	6.5 M/F
WATER CLOSETS (W/C):	
(B) 1 PER 25 FOR 1st 50, THEN 1 PER 50 =	1.86 PER M/F REQ.
(A3) 1 PER 125 MALE / 1 PER 65 FEMALE=	2.9 M / 5.5 F REQ.
(S-2) 1 PER 100 =	.1 PER M/F REQ.
TOTAL REQUIRED:	5 MALE /8 FEMALE
TOTAL PROVIDED:	7 MALE /8 FEMALE
LAVATORIES (LAV):	
(B) 1 PER 40 FOR 1st 80, THEN 1 PER 80 =	1.16 PER SEX
(A3) 1 PER 200 MALE / 1 PER 150 FEMALE=	1.8 M / 2.4 F
(S-2) 1 PER 100 =	.1 PER SEX
TOTAL REQUIRED:	3 MALE /4 FEMALE
TOTAL PROVIDED:	7 MALE /7 FEMALE
DRINKING FOUNTAINS (DF):	
(B) 1 PER 100 =	1 REQ
(A3) 1 PER 1000 =	1 REQ.
(S-2) 1 PER 1000 =	NONE REQ.
TOTAL REQUIRED:	2
TOTAL PROVIDED:	5
SERVICE SINK (DF):	
(B,A3,S2) 1 REQ. =	1 REQ
TOTAL REQUIRED:	1
TOTAL PROVIDED:	1

CODE ANALYSIS

LIFE SAFETY INFORMATION

FBC TABLE 1004.1.2 MAX FLOOR AREA PER OCCUPANT

BUSINESS AREAS:	
9,242 SF / 100 =	93 OCC.
STORAGE AREAS:	
4,335 SF / 300 =	13 OCC.
ASSEMBLY AREAS:	
870 SF / 5 STANDING =	174 OCC.
4,997 SF / 7 SEATS =	713 OCC.
TOTAL BUILDING OCCUPANT LOAD:	993 OCCUPANTS

TOTAL WIDTH MEANS OF EGRESS:

STAIRWAYS(.3):	NONE REQ.	NONE PROV.
DOORS:	34" REQ.	36" PROV.
CORRIDORS:	44" REQ.	60" PROV.
OTHER(.2):	34" REQ.	36" PROV.

SEE PLAN FOR MEANS OF EGRESS WIDTH

TOTAL NUMBER OF EXITS:

TOTAL NUMBER OF EXITS:	3 REQ.	10 PROV.

TOTAL MEANS OF EGRESS ASSEBLY SPACES:

DOORS(.2): 887X.2 =	177" REQ. 216" PROV.

TRAVEL DISTANCES, COMMON PATH OF TRAVEL / DEAD ENDS:

BUSINESS OCCUPANCY:	
EXIT ACCESS TRAVEL DISTANCE:	300 FT
EXIT ACCESS COMMON PATH OF TRAVEL:	100 FT
MAXIMUM DEAD END CORRIDOR:	50 FT
SEE PLAN FOR TRAVEL DISTANCES PROVIDED	
ASSEMBLY OCCUPANCY:	
EXIT ACCESS TRAVEL DISTANCE:	250 FT
EXIT ACCESS COMMON PATH OF TRAVEL:	75 FT
MAXIMUM DEAD END CORRIDOR:	20 FT
SEE PLAN FOR TRAVEL DISTANCES PROVIDED	
STORAGE OCCUPANCY:	
EXIT ACCESS TRAVEL DISTANCE:	400 FT
EXIT ACCESS COMMON PATH OF TRAVEL:	100 FT
MAXIMUM DEAD END CORRIDOR:	50 FT
SEE PLAN FOR TRAVEL DISTANCES PROVIDED	

CODE ANALYSIS

OCCUPANCY CLASSIFICATION

FBC 2017: MIXED USED NON-SEPARATED
GROUP B (BUSINESS)
GROUP A3 (ASSEMBLY)
GROUP S2 (STORAGE)

CONSTRUCTION TYPE

FBC 2017: TYPE IIB (2B), UNPROTECTED, FULLY SPRINKLERED

BUILDING AREA AND HEIGHT

TOTAL BUILDING AREA: 18,064 SF

ALLOWABLE AREA PER TABLE 503
(WITH 200% MULTIPLIER)

BUSINESS B	69,000 SF
STORAGE S2	78,000 SF
ALLOWABLE BUILDING HEIGHT	
BUSINESS B	4 STORY
STORAGE S2	4 STORY

FBC 506 BUILDING AREA MODIFICATIONS HAVE NOT BEEN ACCOUNTED FOR

FIRE RESISTANCE

FBC TABLE 601 AND TABLE 602 FOR TYPE IIB CONSTRUCTION:

PRIMARY STRUCTURAL FRAME:	0 hr
BEARING WALLS:	
EXTERIOR BEARING:	0 hr (SEE BELOW)
INTERIOR BEARING:	0 hr
NONBEARING WALLS:	
EXTERIOR BEARING:	0 hr (SEE BELOW)
INTERIOR BEARING	0 hr
FLOOR CONSTRUCTION:	0 hr
ROOF CONSTRUCTION:	0 hr

EXTERIOR WALL RATING BASED ON FIRE SEPARATION DISTANCE FOR TYPE IIB AND OCCUPANCY

BUSINESS/STORAGE	
X < 5' SEPARATION	1 hr
5' ≤ X < 10' SEPARATION	1 hr
10' ≤ X < 30' SEPARATION	0 hr
X ≥ 30' SEPARATION	0 hr

GENERAL NOTES

1. CONTRACTOR TO REFER ELECTRICAL, MECHANICAL, FIRE ALARM AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL REQUIREMENTS.

CALDWELL ASSOCIATES | ARCHITECTS
116 N TARRAGONA STREET, PENSACOLA, FL 32502
(850) 432 9500 | CALDWELL-ASSOC.COM
License No: AA26000721 | License No: IB0000995

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STRUCTURAL
Joe DeReuil Associates, LLC
ARCHITECTURAL / INTERIOR DESIGN
Caldwell Associates
FIRE PROTECTION
H.M. Yonge & Associates
PLUMBING/FIRE PROTECTION
H.M. Yonge & Associates
MECHANICAL
H.M. Yonge & Associates
ELECTRICAL/FIRE ALARM
Klocke & Associates
TELECOMMUNICATION/SECURITY
Klocke & Associates
AUDIO-VISUAL
Walthall & Associates
FOOD SERVICES
Camacho Foodservice Design

PROJECT:

BAYVIEW COMMUNITY RESOURCE CENTER

The City of PENSACOLA

2001 E. LLOYD ST PENSACOLA, FLORIDA 32503

ARCHITECT'S SEAL

H. MILLER CALDWELL, JR
AR 7462

PROJECT NO. : 2416
SHEET TITLE:
LIFE SAFETY PLAN & CODE ANALYSIS

SHEET NUMBER:

G101

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PRINT DATE: 4/24/2018 5:58:19 PM

DO NOT SCALE DRAWINGS

INTERIOR FINISH INDEX

FLOORS

FT FLOOR TILE

FT-1 MANUF: DALTILE
SERIES: PORTFOLIO
COLOR: PF01 "ICE"
SIZE: 12" x 24" & 6" x 24"
(SEE PLAN)

FT-2 MANUF: DALTILE
SERIES: PORTFOLIO
COLOR: PF02 "WHITE"
SIZE: 12" x 24"

FT-3 MANUF: DALTILE
SERIES: PORTFOLIO
COLOR: PF04 "DOVE GREY"
SIZE: 12" x 24"

FT-4 MANUF: DALTILE
SERIES: PORTFOLIO
COLOR: PF05 "ASH GREY"
SIZE: 12" x 24"

FT-5 MANUF: DALTILE
SERIES: PORTFOLIO
COLOR: PF06 "IRON GREY"
SIZE: 12" x 24"

FT-6 MANUF: DALTILE
SERIES: PORTFOLIO
COLOR: PF09 "CHARCOAL"
SIZE: 12" x 24"

FT-7 MANUF: DALTILE
SERIES: VOLUME 1.1
COLOR: VL67 "CHEER YELLOW"
SIZE: 12" x 24" & 3" x 12"

FT-8 MANUF: DALTILE
SERIES: VOLUME 1.1
COLOR: VL89 "TRADITIONAL BLUE"
SIZE: 12" x 24"

FT-9 MANUF: DALTILE
SERIES: VOLUME 1.1
COLOR: VL 86 "SPIRIT BLUE"
SIZE: 12" x 24"

FT-10 MANUF: DALTILE
SERIES: AMBASSADOR
COLOR: AM36 "WANDERLUST WHITE"
SIZE: 12" x 24"
FINISH: UNPOLISHED

FT-11 MANUF: DALTILE
SERIES: AMBASSADOR
COLOR: AM34 "JET-SETTER DUSK"
SIZE: 12" x 24" & 24" x 48"
FINISH: UNPOLISHED

FT-12 MANUF: DALTILE
SERIES: DIGNITARY
COLOR: DR10 "EMINENCE GREY"
SIZE: 12" x 24" & 24" x 48"
FINISH: TEXTURED

FT-13 MANUF: DALTILE
SERIES: DIGNITARY
COLOR: DR11 "GOVERNOR BLACK"
SIZE: 12" x 24"
FINISH: TEXTURED

FT-1A MANUF: TECTURA DESIGNS
SERIES: ATMOSPHERE
COLOR: TZ63 "BRILLIANCE"
SIZE: 12" x 24"
"ALTERNATE #4 IN LIEU OF FT-1, FT-2, FT-3, FT-4, FT-5, & FT-6

FT-2A MANUF: TECTURA DESIGNS
SERIES: ATMOSPHERE
COLOR: TBD
SIZE: 12" x 24"
"ALTERNATE #4 IN LIEU OF FT-7

FT-3A MANUF: TECTURA DESIGNS
SERIES: ATMOSPHERE
COLOR: TBD
SIZE: 12" x 24"
"ALTERNATE #4 IN LIEU OF FT-8

FT-4A MANUF: TECTURA DESIGNS
SERIES: ATMOSPHERE
COLOR: TBD
SIZE: 12" x 24"
"ALTERNATE #4 IN LIEU OF FT-9

RF RESINOUS FLOORING

RF-1 MANUF: STONHARD
PRODUCT: STONSHIELD URI
COLOR: "FLAGSTONE"
TEXTURE: MEDIUM

RT RESILIENT TILE

RT-1 MANUF: ARMSTRONG
COLLECTION: EXCELON SDT
COLOR: 51956 "FOSSIL GRAY"
SIZE: 12" X 12" TILES

SC SEALED CONCRETE

SC-1 MANUF: SHERWIN WILLIAMS
COLOR: CLEAR

BASE

ICB INTEGRAL COVE BASE

ICB-1 MANUF: STONHARD
PRODUCT: STONSHIELD URI
COLOR: "FLAGSTONE"
TEXTURE: MEDIUM

BASE (CONTINUED)

RB RESILIENT BASE

RB-1 MANUF: JOHNSONITE
PRODUCT: TRADITIONAL WALL BASE
COLOR: 20 "CHARCOAL"
SIZE: TRADITIONAL 4"

TB TILE BASE

TB-1 MANUF: DALTILE
SERIES: PORTFOLIO
COLOR: PF06 "IRON GREY"
SIZE: 6" x 12" COVE (P-36C9T)

TB-2 MANUF: DALTILE
SERIES: AMBASSADOR
COLOR: AM34 "JET-SETTER DUSK"
SIZE: 6" x 12" COVE (S-36C9T)

TB-3 MANUF: DALTILE
SERIES: PORTFOLIO
COLOR: PF02 "WHITE"
SIZE: 6" x 6" SANITARY COVE (S-3619T)

TB-4 MANUF: DALTILE
SERIES: AMBASSADOR
COLOR: AM36 "WANDERLUST WHITE"
FINISH: LIGHT POLISHED

WALLS

CG CORNER GUARD

CG-1 MANUF: ITASCA PLASTICS
PRODUCT: CORNER GUARD
COLOR: 11612 "COCONUT"

FRP FIBERGLASS REINFORCED PANEL

FRP-1 MANUF: MARLITE
PRODUCT: STANDARD FRP
COLOR: "WHITE"
TEXTURE: SMOOTH

P PAINT

P-1 MANUF: SHERWIN WILLIAMS
COLOR: SW 6525 "RARIFIED AIR"
SHEEN: EGGSHELL - SEMI GLOSS IN UNISEX

P-2 MANUF: SHERWIN WILLIAMS
COLOR: SW 6238 "ICICLE"
SHEEN: EGGSHELL

P-3 MANUF: SHERWIN WILLIAMS
COLOR: SW 6232 "MISTY"
SHEEN: EGGSHELL

P-4 MANUF: SHERWIN WILLIAMS
COLOR: SW 6957 "UNDERCOOL"
SHEEN: EGGSHELL - SEMI GLOSS IN TOILETS

P-5 MANUF: SHERWIN WILLIAMS
COLOR: SW 6767 "AQUARIUM"
SHEEN: EGGSHELL

P-6 MANUF: SHERWIN WILLIAMS
COLOR: SW 0075 "HOLIDAY TURQUOISE"
SHEEN: EGGSHELL - SEMI GLOSS IN TOILETS

P-7 MANUF: SHERWIN WILLIAMS
COLOR: SW 7636 "ORIGAMI WHITE"
SHEEN: EGGSHELL

P-8 MANUF: SHERWIN WILLIAMS
COLOR: SW 6808 "CELESTIAL"
SHEEN: EGGSHELL

P-9 MANUF: SHERWIN WILLIAMS
COLOR: SW 6709 "GLEEFUL"
SHEEN: EGGSHELL

P-10 MANUF: SHERWIN WILLIAMS
COLOR: SW 633 "INVENTIVE ORANGE"
SHEEN: EGGSHELL

P-11 MANUF: SHERWIN WILLIAMS
COLOR: SW 9018 "HONEY BEES"
SHEEN: EGGSHELL

WD WOOD

WD-2 (A)
COMPOSITE WOOD SIDING
MANUF: IDENTITY WOOD PRODUCTS
PRODUCT: VINTAGE WOOD
COLOR: 1101 "SINGLE COLOR GRAY"
SIZE: 12" GROOVE LAP, SHIPLAP CONFIGURATION

WT WALL TILE

WT-1 SEE DETAIL 3 / SHEET 1402
MANUF: DALTILE
SERIES: AMBASSADOR
COLOR: AM36 "WANDERLUST WHITE"
SIZE: 12" x 24", 12"x12"
FINISH: LIGHT POLISHED

WT WALL TILE

WT-2 TILE FULL HEIGHT OF WALL
MANUF: DALTILE
SERIES: T.B.D.
COLOR: T.B.D.
SIZE: 12" x 24"
FINISH: GLAZED

CEILING

ACT ACOUSTICAL CEILING TILE

ACT-1 MANUF: ARMSTRONG
PRODUCT: ULTIMA #1912
EDGE: BEVELED TEGULAR 9/16"
COLOR: "WHITE"
SIZE: 24" x 24" x 3/4"
GRID: SUPRAFINE XL 9/16", EXPOSED "T" - WHITE

ACT-2 MANUF: ARMSTRONG
PRODUCT: CIRRUS SECOND LOOK #511
EDGE: BEVELED TEGULAR 9/16"
COLOR: WHITE
SIZE: 24" x 48" x 3/4"
PATTERN: III (3)
GRID: SUPRAFINE XL 9/16", EXPOSED "T" - WHITE

ACT-3 MANUF: ARMSTRONG
PRODUCT: GEORGIUM OR KITCHENZONE
EDGE: SQUARE, LAY-IN, 9/16"
COLOR: WHITE, WASHABLE
SIZE: 24" x 24" x 5/8"
GRID: 15/16", PRELUDE - WHITE

P PAINT

P-12 MANUF: SHERWIN WILLIAMS
COLOR:
SHEEN: SEMI-GLOSS
EXPOSED STRUCTURE & DUCTS

P-13 MANUF: SHERWIN WILLIAMS
COLOR:
SHEEN: SEMI-GLOSS
EXPOSED METAL DECK

WD WOOD

WD-1 MANUF: SYNERGY WOOD
PRODUCT: BRUSHED WOOD
COLOR: "HONEY" ON CYPRESS
SIZE: 1x6 NOMINAL TONGUE & GROOVE PLANKS

DOORS & WINDOWS:

ENTRANCES:

AL-1 MANUF: KAWNEER ANNODIZE FINISHES
COLOR: #14 "CLEAR"

WOOD DOORS:

ST-1 TO MATCH ARCHITECTURAL WOOD DOORS
SPECIES: WHITE MAPLE
COLOR: RIVERSTONE, RI15
SUBMIT SAMPLES TO ARCHITECT

STEEL DOORS AND HOLLOW METAL FRAMES

P-14 MANUF: SHERWIN WILLIAMS
COLOR: T.B.D.
SHEEN: SEMI-GLOSS

P-15 MANUF: SHERWIN WILLIAMS
COLOR: SW 7020 "BLACK FOX"
SHEEN: SEMI-GLOSS

COUNTERTOPS AND MILLWORK

PL PLASTIC LAMINATE

PL-1 MANUF: WILSONART
PRODUCT: HIGH PRESSURE LAMINATE
COLOR: 4939K-18 "VAPOR STRANDZ"

SS SOLID SURFACE

SS-1 MANUF: DUPONT
PRODUCT: CORIAN SOLID SURFACE
COLOR: "RAIN CLOUD"

SS-2 MANUF: DUPONT
PRODUCT: CORIAN SOLID SURFACE
COLOR: "DEEP NIGHT SKY"

SS-3 MANUF: DUPONT
PRODUCT: CORIAN SOLID SURFACE
SERIES: ILLUMINATION
COLOR: "MINT ICE"

TOILET PARTITIONS

TP-1 MANUF: SCRANTON PRODUCTS
PRODUCT: HINY HIDERS PARTITIONS
COLOR: METALIC COLLECTION - STAINLESS STEEL
TEXTURE: ROTARY BRUSHED

EXTERIOR FINISH INDEX

FLOORS:

CONCRETE WALKS

CW-1 STAMPED & STAINED:
MANUF: SCOFIELD
TEXTURE: FRACTURED EARTH EMBOSSING SKIN
STAIN: CROMIX ADMIXTURE - LIMESTONE
LITHOCHROME HARDENER - PECAN TAN
LITHOCHROME HARDENER - STEADMAN BUFF
www.scofield.com/stampedconcrete_patterns19.html
SEE CIVIL FOR EXTENTS OF APPLICATION

CW-2 CONCRETE PAVERS
MANUF: BELGARD
PRODUCT: INTERLOCKING CONCRETE PAVERS
SERIES: TRANSITIONAL COLLECTION, MODULINE PAVER
SIZE: MODULINE 3" x 12", 60 mm THICK
TEXTURE: SMOOTH
PATTERN: MODULINE 1:4 RUNNING BOND,
COLOR: RANDOM DISTRIBUTION OF "LINEN" @ 70%,
GRAPHITE" @ 15%, AND "FOUNDRY" @ 15%
SEE CIVIL FOR EXTENTS OF APPLICATION

CW-3 LIGHT BROOM FINISH
SEE CIVIL FOR EXTENTS

WALLS:

MP-1 METAL PANEL
MANUF: CENTRIA RAINSCREEN SYSTEMS
PRODUCT: CONCEPT SERIES CONCEALED FASTENER PANELS
PROFILE: CS-200
COLOR: RANDOM DISTRIBUTION OF
179 "REGAL WHITE" (WHITE) @ 70%, 177 "SLATE BLUE"
(LIGHT GRAY) @ 15%, AND 9923 "GRANITE" (DARK GRAY)
@ 15%

MV-1 MASONRY VENEER
MANUF: GENERAL SHALE
PRODUCT: COMMERCIAL BRICK
COLOR: CASCADE WHITE VELOUR

CEILING/SOFFITS:

WD-1 WOOD SOFFIT
MANUF: SYNERGY WOOD
PRODUCT: BRUSHED WOOD
COLOR: "HONEY" ON CYPRESS
SIZE: 1x6 NOMINAL TONGUE & GROOVE PLANKS

MISCELLANEOUS:

ALUMINUM TUBE RAILING AND FRAMES:

AL-2 MANUF: PPG INDUSTRIES
PRODUCT: DURANAR SUNSTORM
COLOR: TO BE SELECTED BY ARCHITECT
(RAILING POSTS AND RAILS)

AL-3 MANUF: PPG INDUSTRIES
PRODUCT: DURANAR SUNSTORM
COLOR: TO BE SELECTED BY ARCHITECT
(FENCE AND GATE CONSTRUCTION)

AL-4 MANUF: PPG INDUSTRIES
PRODUCT: DURANAR SUNSTORM
COLOR: TO BE SELECTED BY ARCHITECT
(SIGNAGE PYLON)

EXPOSED STEEL; COLOR REFERENCE INFO ONLY - SEE DWGS & SPEC'S FOR HIGH PERFORMANCE COATING REQUIREMENTS:

P-15 MANUF: PPG, INC.
COLOR: PPG15-24 "FRENCH TOAST"
SEMI-GLOSS FINISH
SUBMIT SAMPLES OF FINISHED PRODUCT TO ARCHITECT

CONCRETE MASONRY:

P-16 MANUF: SHERWIN WILLIAMS
COLOR: TO BE DETERMINED

SHEET METAL FLASHING:

FL-1 MANUF: PAC-CLAD
PRODUCT: PREFINISHED METAL FLASHING KYNAR FINISH
COLOR: TO BE SELECTED BY ARCHITECT
(GUTTER & DOWNSPOUTS)

FL-2 MANUF: PAC-CLAD
PRODUCT: PREFINISHED METAL FLASHING KYNAR FINISH
COLOR: TO BE SELECTED BY ARCHITECT
(FASCIA)

FL-3 MANUF: PAC-CLAD
PRODUCT: PREFINISHED METAL FLASHING KYNAR FINISH
COLOR: MATCH STOREFRONT FINISH AL-1
(BRAKE METAL TRIM AROUD STOREFRONT FRAME)

FL-4 MANUF: CENTRIA
PRODUCT: FLUOROFINISH (PVDF) COATING SYSTEM
COLOR: #310 "BONE WHITE"
(TRIM METAL AROUND METAL PANEL WALL SYSTEM MP-1)

FL-5 MANUF: PAC-CLAD
PRODUCT: PREFINISHED METAL FLASHING KYNAR FINISH
COLOR: TO MATCH MV-1
(BRAKE METAL AROUND MASONRY VENEER)

GENERAL NOTES

1. CONTRACTOR SHALL SUBMIT SAMPLES/SWATCHES FOR APPROVAL OF ALL MATERIALS OUTLINED ON COLOR LEGEND FOR VERIFICATION.

ABBREVIATIONS

FLOORS
CPT CARPET COMPOSITION TILE
LVT LUXURY VINYL TILE
PCT PORCELAIN CERAMIC TILE
SC STAINED CONCRETE
SDT STATIC DISSIPATIVE TILE
WM WALK-OFF MAT

BASE
RB RUBBER BASE
PCTB PORCELAIN TILE BASE
WDB WOOD BASE
CTB CERAMIC TILE BASE

WALLS
GL GLASS
GB GYPSUM BOARD
MRGB MOISTURE RESISTANT GYPSUM BOARD
CTW CERAMIC WALL TILE
PCTW PORCELAIN WALL TILE
PL PLASTIC LAMINATE
PT PAINT
WC WALL COVERING
WDW WOOD WALL PANEL
CG CORNER GUARD

CEILING
ACT ACOUSTICAL CEILING TILE
EXP EXPOSED STRUCTURE; PAINTED
GB GYPSUM BOARD
P PAINT

MISCELLANEOUS
GRT GROUT
PL PLASTIC LAMINATE
TBD TO BE DETERMINED

CALDWELL ASSOCIATES | ARCHITECTS
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The City of PENSACOLA

2001 E. LLOYD ST PENSACOLA, FLORIDA 32503

ARCHITECT'S SEAL

H. MILLER CALDWELL, JR
AR 7462

PROJECT NO. : 2416
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I611

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PRINT DATE: 4/25/2018 2:50:19 PM

DO NOT SCALE DRAWINGS

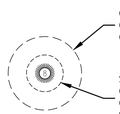
SURVEY REPORT:

1. THIS PARCEL IS LOCATED IN FLOOD ZONE AE , 6' MINIMUM FLOOR ELEVATION REQUIRED, AND FLOOD ZONE X, NO MINIMUM FLOOR ELEVATION REQUIRED, AS DETERMINED BY SCALE FROM F.E.M.A. MAP NUMBER 12033C0390 G, PANEL 390 OF 606, DATED SEPTEMBER 29, 2006, ESCAMBIA COUNTY, FLORIDA.
2. NO ENVIRONMENTAL JURISDICTION LINES HAVE BEEN DETERMINED BY EMERALD COAST ASSOCIATES, INC.
3. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A CURRENT ABSTRACT OF TITLE OR TITLE INSURANCE POLICY. NO SEARCH OF THE PUBLIC RECORDS WAS PERFORMED BY EMERALD COAST ASSOCIATES INC. NO CERTIFICATION IS GIVEN THAT EASEMENTS, UNDERGROUND ENCROACHMENTS OR OTHER MATTERS OF RECORD DO NOT EXIST.
4. THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT SHOWN ON THIS SURVEY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF WALTON COUNTY, FLORIDA.
5. APPARENT USES ARE AS SHOWN.
6. NO STRUCTURAL FOUNDATIONS BELOW THE SURFACE OF THE GROUND WERE LOCATED.
7. GRAPHIC SYMBOLISM OF CORNER MONUMENTATION, UTILITIES, SIGNS, ETCETERA, ARE EXAGGERATED FOR CLARITY AND ARE NOT TO SCALE. THE CENTER POINT OF WHICH IS ACCURATELY PLOTTED TO SCALE AND/OR DIMENSIONED THERETO.
8. NO UNDERGROUND UTILITIES OR UTILITY LINES WERE LOCATED.
9. ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM (1988).
10. THIS SURVEY WAS PERFORMED IN AND IS DIGITALLY REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, NORTH ZONE, N.A.D. 83.
11. ALL UNDERGROUND UTILITY LOCATIONS FLAGGED IN THE SUNSHINE 811 WERE LOCATED. HOWEVER, THERE ARE SEVERAL LIGHT POLES WITHIN THE SITE THAT HAVE NO ABOVE GROUND SERVICE LINES. IT IS ASSUMED THAT THOSE POLES ARE SERVICED BY UNDERGROUND LINES BUT NONE WERE FLAGGED. THE SURVEYOR SIGNED HEREON BELIEVES THAT THERE MAY BE ADDITIONAL UNDERGROUND UTILITIES THAT HAVE NOT BEEN FLAGGED OR LOCATED.
12. THE MEAN HIGH WATER LINE SHOWN IS FROM THE AVERAGE OF THE TIDE STATIONS ON EITHER SIDE OF THE INLET TO BAYOU TEXAR. HOWEVER, THE FDEP MAY NOT ACCEPT THIS VALUE SINCE THEY SHOW BAYOU TEXAR AS NEEDING A TIDE STUDY TO VERIFY THE TRUE MEAN HIGH WATER LINE ELEVATION. A TIDE STUDY FOR THE INTENDED PURPOSES OF THIS SURVEY WOULD HAVE PROVED TOO COST PROHIBITIVE TO PERFORM.

UTILITY CONTACTS

UTILITY COMPANY:	CONTACT / PHONE / FAX / E-MAIL:
SUNSHINE ONE	1-800-432-4770
ECUA ENGINEERING DEPARTMENT 3363 WEST PARK PLACE PENSACOLA, FLORIDA 32505	MIKE HAMLIN (TEL): 969-6501 (FAX): 494-7335 MHAMLIN@ECUA.ORG
	JACOB KEARLEY (TEL): 969-5823 JACOB.KEARLEY@ECUA.FL.GOV
AT& T 605 GARDEN STREET PENSACOLA, FLORIDA 32501	JONATHAN BLANKINCHIP (TEL):436-1489 (C):850-624-7093 (FAX):436-1486 JB966P@ATT.COM
COX COMMUNICATIONS 2205 LaVISTA DRIVE PENSACOLA, FLORIDA 32504	TROY YOUNG (FIELD INSPECTOR) (OFFICE): 850-857-4510 (C): 850-232-5044 GARY HARRELL (CONSTRUCTION SUPERVISOR) (OFFICE): 352-337-2025 (C): 352-339-2118
PENSACOLA ENERGY 1625 ATWOOD DRIVE PENSACOLA, FLORIDA 32514	DIANE MOORE (TEL): 474-5319 (FAX): 474-5330 DMOORE@CITYOFPENSACOLA.COM WWW.ESPNATURALGAS.COM
GULF POWER - ECUA LIASONS 2501 WEST WRIGHT STREET PENSACOLA, FL 32505	TERRY RUSSELL (TEL): 505-5346 (CELL): 324-3126 TLRUSSEL@SOUTHERNCO.COM
GULF POWER ONE ENERGY PLACE PENSACOLA, FLORIDA 32520-0047	CHAD SWAILS (TEL): 429-2446 CESWAILS@SOUTHERNCO.COM
GULF SOUTH PIPELINE 480 VAN PELT LANE PENSACOLA, FL. 32505	(TEL): 484-0554 (FAX): 484-0557
EARTHLINK NET. 1791 O.G. SKINNER DRIVE WEST POINT, GA. 31833	NETWORK OPERATIONS 800-374-2350 FRANKWILCOX@CORP.EARTHLINK.COM
LEVEL 3 COMMUNICATIONS 1025 ELDORADO BOULEVARD BROOMFIELD, CO. 80021	KEN WHITING, NETWORK RELOCATIONS TEL:(720) 888-5686 FAX:(720) 888-3193
CENTURY LINK 2425 NORTH McKENZIE STREET FOLEY, AL. 36535	TEL:(251) 952-5100 FAX:(251) 971-1856
SPRINT 10 EAST DRURY KISSIMMEE, FL. 34744	TEL:(407) 932-1560 FAX:(407) 932-0489
MCI 812 OHIO AVENUE LYNN HAVEN, FL. 32444	OSP MAINTENANCE SERVICES TEL:(850) 265-3652 PAGER:(877) 914-3848 CHUCK.VRUNICK@VERISONBUSINESS.COM

PROTECTED TREE ZONE DESIGNATIONS



CONTROL MONUMENT TABULATION:

HORIZONTAL CONTROL MONUMENTATION:

NAME	NORTHING	EASTING
ESC 4101	1533112.2653	1115878.9927
ESC 4102	533557.7401	1118689.0617
ESC 4110	524552.5731	1119747.4027

VERTICAL CONTROL MONUMENTATION:

NAME	NORTHING	EASTING	
49 09 IO1V	528498.43	1121529.29	17.60'
N 25	532330.43	1115940.77	86.93'

SITE DATA:

PROPERTY REFERENCE NO: 00-0S-00-9040-100-052
PROPERTY ADDRESS: 2001 E. LLOYD ST. PENSACOLA, FL 32503
ZONING: R-1AAA
FLU: COMMUNITY CENTER
PROPOSED USE: COMMUNITY CENTER
PROJECT AREA: 186,770 SF (4.29 AC)
EXISTING IMPERVIOUS AREA REMOVED: 50,238 SF (1.15 AC)
NEW IMPERVIOUS AREA: 96,177 SF (2.21 AC)
NET INCREASE IN IMPERVIOUS AREA: 45,939 SF (1.05 AC)
FLOOD ZONE "X" – AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE OF FLOODING
FLOOD ZONE "AE"

ECUA Engineering Manual Reference Note*
**note shall be inserted in the upper right corner of title sheet*

** applicable only to ECUA infrastructure to be constructed in public ROW or in utility easement; not to be applied to private water/sewer facilities on private property (see Building Code)*

A. ECUA Engineering Manual Incorporated by Reference

The ECUA Engineering Manual, dated December 18, 2014, along with Update # 1 dated September 1, 2016 (hereinafter "Manual"), located at www.ecua.fl.gov, is hereby incorporated by reference into this Project's official contract documents as if fully set forth therein. It is the Contractor's responsibility to be knowledgeable of the Manual's contents and to construct the Project in accordance with the Manual. The Contractor shall provide its employees access to the Manual at all times, via Project site or office, via digital or paper format. In the event of a conflict between the Manual and Plans, Contractor shall consult Engineer of Record for proper resolution.

B. Additional Documents (to be completed by the Engineer of Record)

Does this Project have additional technical specifications or construction details that supplement and/or supersede the Manual listed above? ☐YES NO☐. If yes, Contractor shall construct Project in accordance with said documents as listed and located below:

Document Name	Document Type		Location	
	Specification	Detail	Plans	Project Manual*
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐

**Project Manuals used only with ECUA CIP Projects*

C. Engineer of Record Responsibilities

The Engineers of Record (EORs) that have affixed their seals and signatures on these plans warrant their portions of the plans have been designed in accordance with the Manual (unless otherwise directed by the ECUA Project Engineer). The EORs shall be knowledgeable of the Manual's contents and shall assume responsibility for its use on this Project.

EXIST LEGEND:

#	= NUMBER
L.B.	= LICENSED BUSINESS
L.S.	= LICENSED SURVEYOR
P.S.M.	= PROFESSIONAL SURVEYOR AND MAPPER
CORP.	= CORPORATION
INC.	= INCORPORATED
DWG	= DRAWING
±	= MORE OR LESS
N:	= NORTHING
E:	= EASTING
LAT.	= LATITUDE
LONG.	= LONGITUDE
T.B.M.	= TEMPORARY BENCHMARK
INV.	= INVERT
EL. or ELEV.	= ELEVATION
F.F.E.	= FINISHED FLOOR ELEVATION
NAVD 88	= NORTH AMERICAN VERTICAL DATUM 1988
N.A.D. 83	= NORTH AMERICAN DATUM 1983
PVC	= POLYVINYL CHLORIDE
R.C.P.	= REINFORCED CONCRETE PIPE
(TYP.)	= TYPICAL
D.B.H.	= DIAMETER AT BREAST HEIGHT
F.D.E.P.	= FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
ACP	= AIR CONDITIONER PAD
E-UGT	= EXISTING UNDERGROUND TELECOMMUNICATION LINE
E-WL	= EXISTING UNDERGROUND WATER LINE
E-OHU	= EXISTING OVERHEAD UTILITIES
○	= SET 1/2" CAPPED IRON ROD L.B. #3724
◎	= SET NAIL AND DISK L.B. #3724
T	= TELEPHONE/COMMUNICATIONS BOX
E	= ELECTRIC BOX
TV	= TELEVISION BOX
	= WATER VALVE
	= WATER METER
	= FIRE HYDRANT
	= GUY ANCHOR
	= UTILITY POLE
	= LAMP POLE
	= BOLLARD
	= BENCHMARK
	= TRAFFIC SIGN
	= HANDICAPPED PARKING SPACE
D	= DRAINAGE MANHOLE
S	= SANITARY MANHOLE
M	= MANHOLE
	= SEWER CLEAN OUT
G	= GAS METER
W	= WELL POINT
+10.56	= SPOT ELEVATION AT "DOT"
--30--	= CONTOUR ELEVATION AT 1' INTERVALS
	= CONCRETE
	= WOOD

TREE LEGEND:

	= LONG LEAF PINE TREE (DIAMETER SHOWN IN INCHES)
	= LIVE OAK TREE (DIAMETER SHOWN IN INCHES)
	= LAUREL OAK TREE (DIAMETER SHOWN IN INCHES)
	= PIN OAK TREE (DIAMETER SHOWN IN INCHES)
	= POST OAK TREE (DIAMETER SHOWN IN INCHES)
	= SOUTHERN MAGNOLIA TREE (DIAMETER SHOWN IN INCHES)
	= MAPLE TREE (DIAMETER SHOWN IN INCHES)
	= DATE PALM TREE (DIAMETER SHOWN IN INCHES)
	= DOGWOOD TREE (DIAMETER SHOWN IN INCHES)
	= PEAR TREE (DIAMETER SHOWN IN INCHES)
	= CREPE MYRTLE

NEW LEGEND:

TC	TOP CONCRETE
TP	TOP PAVING
FG	FINISH GRADE
ME	MATCH EXISTING
	STORM INLET
	STORM MANHOLE
	WATER VALVE
RCP	STORM LINE
SS	SANITARY SEWER LINE
WTR	WATER LINE
FH	FIRE HYDRANT
	BACKFLOW PREVENTER
FDC	FIRE DEPARTMENT CONNECTION
	SANITARY SEWER MH
	TREE BARRICADE
	ITEM TO BE REMOVED
	BUILDING
	ASPHALT
	ASPHALT MILL & OVERLAY
	CONCRETE
	SOLID SOD
	TREE TO BE REMOVED
	EROSION CONTROL
	FLOATING TURBIDITY BARRIER

CALDWELL ASSOCIATES | ARCHITECTS
116 N TARRAGONA STREET, PENSACOLA, FL 32502
(850) 432 9500 | CALDWELL-ASSOC.COM
License No: AA26000721 | License No: IB0000995

PROJECT ISSUES:

SCHEMATIC DESIGN	07/13/17
DESIGN DEVELOPMENT	10/13/17
50% SUBMITTAL	12/22/17
90% SUBMITTAL	02/28/18
PERMIT SET	03/20/18

A ADDENDUM A 4/25/2018

PROJECT TEAM:

CIVIL
Kenneth Horne & Associates, Inc.
STRUCTURAL
Joe DeReuil Associates, LLC
ARCHITECTURAL / INTERIOR DESIGN
Caldwell Associates
FIRE PROTECTION
H.M. Yonge & Associates
PLUMBING/FIRE PROTECTION
H.M. Yonge & Associates
MECHANICAL
H.M. Yonge & Associates
ELECTRICAL/FIRE ALARM
Klocke & Associates
TELECOMMUNICATION/SECURITY
Klocke & Associates
AUDIO-VISUAL
Walthall & Associates
FOOD SERVICES
Camacho Foodservice Design

PROJECT:

BAYVIEW COMMUNITY RESOURCE CENTER

PENSACOLA
THE UPSIDE of FLORIDA

2001 E. LLOYD ST PENSACOLA, FLORIDA 32503

PROJECT NO. : 2416
SHEET TITLE:
GENERAL NOTES & LEGEND

SHEET NUMBER:
A C001
PERMIT SET

DO NOT SCALE DRAWINGS

GENERAL NOTES:

1. CONTRACTOR TO COORDINATE WITH LOCAL UTILITY COMPANIES FOR REMOVAL AND RELOCATION OF EXISTING UTILITY POLES, AERIAL LINES, WATER LINES, GAS LINES, AND OTHER UTILITIES AS NECESSARY.

2. ALL SITE WORK MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF PENSACOLA STANDARD SPECIFICATIONS, UNLESS NOTED OTHERWISE IN THE CONSTRUCTION DOCUMENTS.

3. ADEQUATE PROVISIONS SHALL BE MADE FOR FLOW OF SEWERS, DRAINS, AND WATER COURSES ENCOUNTERED DURING CONSTRUCTION.

4. THE CONTRACTOR SHALL PLACE AND MAINTAIN ADEQUATE BARRICADES CONSTRUCTION SIGNS, FLASHING LIGHTS, TORCHES, RED LANTERNS AND GUARDS DURING PROGRESS OF CONSTRUCTION WORK AND UNTIL IT IS SAFE FOR BOTH PEDESTRIAN AND VEHICULAR TRAFFIC.

5. THE CONTRACTOR IS REQUIRED TO VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BIDDING.

6. BURNING SHALL NOT BE PERMITTED ONSITE OR WITHIN CITY LIMITS.

7. THE CONTRACTOR SHALL COMPLY WITH ANY TESTING REQUIRED BY THE LOCAL GOVERNING AGENCY IN ADDITION TO THE TESTING REQUIREMENTS OUTLINED IN THE CONSTRUCTION DOCUMENTS. TESTING SHALL BE PAID FOR BY THE OWNER. CONTRACTOR SHALL COORDINATE AND ASSIST TESTING LABORATORIES WITH TESTING. ANY NECESSARY RE-TESTING SHALL BE PAID FOR BY THE CONTRACTOR.

8. EROSION AND SEDIMENTATION CONTROLS WILL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR AT ALL TIMES AS PER CITY REQUIREMENTS.

9. THE CONTRACTOR SHALL TAKE WHATEVER STEPS NECESSARY TO PREVENT AND CONTROL EROSION AND SEDIMENTATION. AREAS OF CONTROL AND TYPICAL SECTION OF BARRIERS ARE SUGGESTIONS ONLY AND DO NOT RELIEVE THE CONTRACTOR OF ANY RESPONSIBILITY TO PREVENT AND CONTROL EROSION AND SEDIMENTATION.

10. ALL SUITABLE EXCESS MATERIAL EXCAVATED AND NOT USED AS FILL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AND STOCKPILED AS DIRECTED BY THE OWNER.

11. CLEAR AND GRUB ONLY AS NECESSARY TO COMPLETE NEW CONSTRUCTION.

12. CONTRACTOR SHALL COMPLETE ALL WORK INDICATED IN CONSTRUCTION DOCUMENTS USING HAND LABOR IF NECESSARY OR APPROPRIATE.

13. THESE DRAWINGS REPRESENT KNOWN STRUCTURES AND UTILITIES LOCATED IN THE PROJECT AREA. THE CONTRACTOR IS CAUTIONED THAT OTHER STRUCTURES AND UTILITIES, ABOVE OR BELOW GROUND, MAYBE ENCOUNTERED DURING THE COURSE OF THE PROJECT. THE CONTRACTOR SHOULD NOTIFY THE PROJECT ENGINEER IMMEDIATELY UPON ENCOUNTERING ANY UNEXPECTED STRUCTURE, UTILITY LINE, OR OTHER UNUSUAL CONDITION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION AND DEPTH OF EXISTING UTILITIES AND TO DETERMINE IF OTHER UTILITIES WILL BE ENCOUNTERED DURING THE COURSE OF THE WORK AND TAKE WHATEVER STEPS NECESSARY TO PROVIDE FOR THEIR PROTECTION.

14. FAILURE OF THE PLANS TO SHOW THE EXISTENCE OF ANY UNDERGROUND UTILITY, STRUCTURES, ETC., SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF LOCATING, PRESERVING AND PROTECTING SAID UTILITY OR STRUCTURE.

15. CONTRACTOR SHALL PIN SOD ON ALL SLOPES 3 TO 1 OR GREATER.

16. CONTRACTOR IS TO NOTIFY CITY OF PENSACOLA 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.

17. THE CONTRACTOR SHALL NOTIFY THE OWNER OF ANY CONFLICTS BETWEEN VENDOR DRAWINGS, EXISTING CONDITIONS, AND THE CONSTRUCTION DOCUMENTS.

18. STAGING AREA AND EQUIPMENT STORAGE SHALL BE AS SHOWN ON PLANS AND AS DESIGNATED BY THE GENERAL CONTRACTOR AND THE OWNER.

19. WHERE SOD IS BEING INSTALLED, TOPSOIL SHALL BE USED AS A BASE AT LEAST SIX INCHES DEEP.

20. IF THE QUANTITY OF EXISTING STOCKPILED OR EXCAVATED TOPSOIL IS INADEQUATE FOR PLANTING, SUFFICIENT ADDITIONAL TOPSOIL SHALL BE IMPORTED TO THE SITE BY THE CONTRACTOR. TOPSOIL FURNISHED SHALL BE A NATURAL, FERTILE, FRIABLE, LOAMY SOIL, POSSESSING CHARACTERISTICS OF REPRESENTATIVE PRODUCTIVE SOILS IN THE VICINITY. TOPSOIL SHALL BE OBTAINED FROM NATURALLY WELL-DRAINED AREAS. TOPSOIL SHALL BE WITHOUT ADMIXTURE OF SUBSOIL AND FREE FROM JOHNSON GRASS (SORGHUM HALAPENSE), NUT GRASS (CYPRUS ROTUNDAS), AND OBJECTIONABLE WEEDS AND TOXIC SUBSTANCES. IT SHALL BE FREE OF DEBRIS, TRASH STUMPS, ROCKS, AND NOXIOUS WEEDS, AND SHOULD GIVE EVIDENCE OF BEING ABLE TO SUPPORT HEALTHY PLANT GROWTH.

21. THE pH OF THE TOPSOIL ONSITE AND ANY IMPORTED TOPSOIL SHALL BE DETERMINED. IF THE pH IS BELOW 5.0, SUFFICIENT LIME SHALL BE ADDED TO PROVIDE A pH BETWEEN 5.5 AND 6.5 THE LIME SHALL BE THOROUGHLY INCORPORATED INTO THE TOP THREE OR FOUR INCHES OF THE SOIL. LIME AND FERTILIZER MAY BE APPLIED IN ONE OPERATION.

22. SUBMIT pH TEST RESULTS AND ANY OTHER TEST RESULTS TO THE CITY OF PENSACOLA FOR APPROVAL.

23. AFTER THE SITE HAS BEEN BROUGHT TO PROPER GRADE FOR PLACEMENT OF TOPSOIL AND IMMEDIATELY PRIOR TO DUMPING AND SPREADING THE TOPSOIL, THE SUBGRADE SHALL BE LOOSENED BY DISKING OR SCARIFYING TO A DEPTH OF 2 INCHES TO INSURE BONDING OF THE TOPSOIL AND SODDING.

24. TOPSOIL SHALL NOT BE PLACED WHILE IN A MUDDY CONDITION, WHEN THE SUBGRADE IS EXCESSIVELY WET, OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING OR PROPOSED SODDING.

25. THE TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED TO A MINIMUM COMPACTED DEPTH OF SIX INCHES.

26. ANY IRREGULARITIES IN THE SURFACE, RESULTING FROM TOP SOILING OR OTHER OPERATIONS, SHALL BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS.

27. COMPACT THE TOPSOIL ENOUGH TO ENSURE GOOD CONTACT WITH THE UNDERLYING SOIL AND TO OBTAIN A LEVEL SEED BED FOR THE ESTABLISHMENT OF HIGH MAINTENANCE TURF. AVOID UNDUE COMPACTION.

28. CONTRACTOR TO PROVIDE TEMPORARY PROTECTION TO TREES TO REMAIN (SEE DETAIL). FOR ANY TREE SHOWN TO REMAIN THAT IS DAMAGED BY THE CONTRACTOR'S FORCES, THE CONTRACTOR SHALL PAY THE CITY OF PENSACOLA THE SUM OF $150.00 DOLLARS PER INCH DIAMETER OF TREE THAT IS DAMAGED.

29. CONTRACTOR SHALL HAUL AWAY ALL DEBRIS AND DISPOSE OF OFF-SITE IN A LEGAL AND RESPONSIBLE MANNER.

30. WALKS AND BUILDING ACCESS ARE DESIGNED TO MEET THE FLORIDA ACCESSIBLY CODE FOR HANDICAP ACCESS.

31. SEDIMENT SHALL BE RETAINED ON THE SITE OF DEVELOPMENT. REMOVE SEDIMENT AT APPROPRIATE TIME AND PRIOR TO THE END OF CONSTRUCTION.

32. THE CONTRACTOR SHALL SUBMIT A POST-CONSTRUCTION CERTIFICATION AND REPRODUCIBLE RECORD DRAWINGS TO THE ENGINEER PRIOR TO INSPECTION AND ACCEPTANCE. THE RECORD DRAWINGS SHALL BE PREPARED AND CERTIFIED BY A FLORIDA PROFESSIONAL SURVEYOR.

33. THE OWNER OR HIS AGENT SHALL ARRANGE WITH THE CITY AN INSPECTION OF THE EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO CONSTRUCTION, UNDERGROUND DRAINAGE STRUCTURES PRIOR TO BURIAL, AND THE FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION.

34. EROSION SHALL BE CONTROLLED BY THE USE OF A HAY BALE BARRIER/SILT FENCE AS SHOWN ON PLANS OR WHATEVER MEANS NECESSARY AND SHALL BE SETUP PRIOR TO COMMENCING CONSTRUCTION. THE EROSION CONTROL BARRIER SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION BY THE CONTRACTOR. UPON COMPLETION OF THE PROJECT, THE RETENTION AREA SHALL BE CLEANED OF SILT, STABILIZATION OF ALL DISTURBED AREAS SHALL BE ACCOMPLISHED, AND THE RETENTION AREA IS TO BE RECONFIGURED TO DESIGN CROSS-SECTION, AND SODDED.

35. CONTRACTOR SHALL NOTIFY SUNSHINE ONE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN R/W; 1-800-432-4770.

36. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT WRITTEN PERMISSION FROM THE CITY OF PENSACOLA.

37. ALL WORK SHALL BE CONFINED TO WITHIN THE CITY R/W OR PROPERTY LIMITS.

38. CONTRACTOR SHALL CONSTRUCT TEMPORARY MEASURES AND SUPPORT TO ACCESS SITE. CONTRACTOR SHALL INCLUDE COST FOR SAME IN HIS BID. CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE SATISFACTION OF THE OWNER.

39. TRENCHING AND GRADING AROUND TREES WHICH ARE TO REMAIN SHALL BE AWAY FROM THE TREE IN A MANNER TO CAUSE NO DAMAGE TO THE TREE.

40. CONTRACTOR IS TO MAINTAIN SODDING AND GRASSING BY WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING, AND OTHER OPERATIONS, SUCH AS ROLLING, RE-GRADING, AND REPLANTING AS REQUIRED TO ESTABLISH GRASSED/SODDED AREAS FREE OF ERODED OR BARE AREAS AND REPLACE ANY REJECTED MATERIALS OR WORK, AND CONTINUE MAINTENANCE UNTIL ACCEPTED. REMOVE ANY REJECTED MATERIALS PROMPTLY FROM THE SITE. CONTRACTOR IS TO INCLUDE COST OF MAINTAINING SODDING AND GRASSING IN HIS BID.

41. CONTRACTOR SHALL COORDINATE HIS WORK AND COOPERATE WITH OTHER CONTRACTORS WORKING AROUND THE PROJECT AREA.

42. THE CONTRACTOR SHALL DELIVER THE STAGING AREAS TO THE OWNER ON OR BEFORE THE DATE OF COMPLETION OF CONSTRUCTION AND SAME SHALL BE IN AS GOOD AS OR BETTER CONDITION AS EXISTED PRIOR TO CONSTRUCTION.

43. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING MATERIAL DOES NOT SPILL, LEAK, OR FALL FROM TRUCKS HAULING MATERIAL TO OR AWAY FROM SITE, INCLUDING MATERIAL FALLING FROM TIRES. SHOULD THE STATE OR COUNTY REQUIRE SWEEPING AND CLEANING OF ROADWAYS DUE TO THE ABOVE, THE SAME SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ANY FINES DUE TO THE ABOVE.

44. ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT, UNLESS OTHERWISE NOTED.

45. SHOULD CONTRACTOR ELECT TO USE ONSITE EXCAVATION AS FILL, HE IS CAUTIONED NO ADDITIONAL TIME OR COST WILL BE ALLOWED SHOULD MATERIAL BECOME WET AND UNWORKABLE. IF NECESSARY, CONTRACTOR WILL BE REQUIRED TO BRING IN OFFSITE FILL MATERIAL MEETING TECHNICAL SPECIFICATIONS AT HIS OWN EXPENSE.

46. CONTRACTOR SHALL COORDINATE WITH THE CITY PRIOR TO THE REMOVAL OF ANY TREES.

47. ALL VALVE BOXES SHALL BE SET FLUSH WITH GRADE.

48. THE CONTRACTOR SHALL FLUSH AND CLEAN ALL STORMWATER PIPES AND STRUCTURES AT END OF CONSTRUCTION AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED.

49. WHERE UNSUITABLE MATERIALS ARE ENCOUNTERED IN PAVED AREAS, THE UNSUITABLE MATERIAL SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 3 FEET BELOW FINISHED SUBGRADE ELEVATION AND BACKFILLED WITH CLEAN COURSE SAND CONTAINING LESS THAN 5% FINES OR AS OTHERWISE DIRECTED BY CITY OF PENSACOLA SEE TECHNICAL SPECIFICATIONS AND SOILS REPORT.

50. WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT, EXISTING PAVEMENT SHALL BE SAWCUT FOR A STRAIGHT EDGE AND CLEAN JOINT. SEE DETAIL.

51. WHERE NEW CURB JOINS EXISTING CURB, STYLE SHALL MATCH UNLESS OTHERWISE NOTED.

52. PLACEMENT OF UNDERGROUND SYSTEMS, IRRIGATION, SEWER, WATER, DRAINAGE, ELECTRICAL, GAS, ETC., SHALL BE COMPLETED PRIOR TO LANDSCAPE INSTALLATION.

53. THE CONTRACTOR SHALL NOT BLOCK OR OBSTRUCT ANY ROADS OR DRIVES WITHOUT FIRST RECEIVING PERMISSION FROM THE CITY OF PENSACOLA TO DO SO.

54. PROPERTY OBSTRUCTIONS WHICH ARE TO REMAIN IN PLACE, SUCH AS BUILDINGS, SEWER, DRAINS, WATER OR GAS PIPES, ELECTRICAL, CONDUITS, POLES, WALLS, POST, ETC., ARE TO BE CAREFULLY PROTECTED AND ARE NOT TO BE DISPLACED UNLESS NOTED.

55. CONTRACTOR SHALL ADHERE TO THE CITY OF PENSACOLA'S AND OTHER AUTHORITIES HAVING JURISDICTION RULES CONCERNING SAFETY.

56. CONTRACTOR SHALL INCLUDE IN HIS BID ANY COST ASSOCIATED WITH DEWATERING FOR INSTALLATION OF ANY PIPE AS TO COMPLETE ANY EARTHWORK OR PAVING OPERATION.

57. CONTRACTOR SHALL INCLUDE IN HIS BID ANY COST ASSOCIATED WITH SELECT BACKFILL FOR INSTALLATION OF ANY PIPE OR STRUCTURE.

58. CONTRACTOR SHALL CLEANUP ENTIRE SITE INCLUDING STAGING AREAS AT LEAST TWO TIMES PER WEEK. THIS SHALL INCLUDE LOCATING TRASH/SCRAP RECEPTACLES AT APPROPRIATE LOCATIONS AROUND THE SITE. CONTRACTOR SHALL PICK UP ALL ROCKS, METAL, PIPE, NAILS, NUTS, BOLTS, BOARDS, PAPER, TRASH, ETC AT LEAST TWICE A WEEK. CONTRACTOR SHALL INCLUDE COST OF SAME IN BID.

59. CONTRACTOR SHALL RESTORE ALL STAGING AREAS TO AS GOOD AS OR BETTER CONDITION THAN EXISTED PRIOR TO CONSTRUCTION. THIS INCLUDES IRRIGATION AND SOD REPLACEMENT IF NECESSARY. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 20 DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE.

60. A BITUMINOUS CONCRETE BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE STREETS, ROADS, DRIVEWAYS AND PARKING AREAS. IN AREAS WHERE NO UTILITIES ARE PRESENT, THE BITUMINOUS CONCRETE BASE SHALL BE INSTALLED WITHIN 15 DAYS OF THE PRELIMINARY GRADING.

61. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E. STEEP SLOPES AND ROADWAY EMBANKMENTS) WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT, AT A THICKNESS OF TWO (2) TO FOUR (4) INCHES MIXED WITH THE TOP TWO (2) INCHES OF SOIL.

62. ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACK FILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS (I.E. SLOPES GREATER THAN 3:1).

63. CONDUIT OUTLET PROTECTION MUST BE INSTALLED AT ALL REQUIRED OUTFALLS PRIOR TO THE DRAINAGE SYSTEM BECOMING OPERATIONAL.

64. UNFILTERED DEWATERING IS NOT PERMITTED. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS DURING ALL DEWATERING OPERATIONS TO MINIMIZE SEDIMENT TRANSFER.

65. SHOULD THE CONTROL OF DUST AT THE SITE BE NECESSARY, THE SITE WILL BE SPRINKLED UNTIL THE SURFACE IS WET, TEMPORARY VEGETATION COVER SHALL BE STABLISHED OR MULCH SHALL BE APPLIED IN ACCORDANCE WITH STANDARDS FOR EROSION CONTROL.

66. ALL SOIL WASHED, DROPPED, SPILLED OR TRACKED OUTSIDE THE LIMITS OF DISTURBANCE OR ONTO PUBLIC RIGHT-OF-WAY WILL BE REMOVED IMMEDIATELY.

67. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORMWATER OUTFALLS OR OFF SITE AS A RESULT OF CONSTRUCTION OF THE PROJECT.

68. ALL SOIL STOCKPILES ARE TO BE TEMPORARILY STABILIZED IN ACCORDANCE WITH SOIL EROSION AND SEDIMENT CONTROL NOTE ABOVE.

69. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.

70. ALL SEDIMENTATION STRUCTURES SHALL BE INSPECTED AND MAINTAINED REGULARLY.

71. THE CONTRACTOR SHALL PREPARE A PLAN FOR THE PROPER DEWATERING AND DOWNSTREAM SILTATION PROTECTION.

72. ANY AREAS USED FOR FOR THE CONTRACTOR'S STAGING, INCLUDING BUT NOT LIMITED TO, TEMPORARY STORAGE OF STOCKPILED MATERIALS (E.G. CRUSHED STONE, QUARRY PROCESS STONE, SELECT FILL, EXCAVATED MATERIALS, ETC.) SHALL BE ENTIRELY PROTECTED BY A SLIT FENCE ALONG THE LOW ELEVATION SIDE TO CONTROL SEDIMENT RUNOFF.

73. THE CONTRACTOR'S MEANS AND METHODS OF GROUNDWATER DEWATERING SHALL COMPLY WITH ALL REGULATORY REQUIREMENTS FOR THE TEMPORARY DIVERSION OF GROUNDWATER AND ITS DISCHARGE, INCLUDING FDEP CHAPTER 62-621 "GENERAL PERMIT FOR THE DISCHARGE OF PRODUCED GROUNDWATER FROM ANY NONCONTAMINATED SITE ACTIVITY". WRITTEN PROOF OF COMPLIANCE SHALL BE PROVIDED TO THE CITY PRIOR TO ANY CONSTRUCTION-RELATED ACTIVITIES. IN ORDER TO OBTAIN COMPLIANCE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH THE SAMPLING AND TESTING OF SAMPLES.

74. ALL ITEMS OF PRIVATE PROPERTY LOCATED WITHIN THE CITY R/W SHALL BE PROTECTED AND/OR RELOCATED TO THE CITY'S SATISFACTION AS PART OF THE PROJECT. SUCH ITEMS SHALL INCLUDE, BUT NOT BE LIMITED TO, IRRIGATION SYSTEMS, MAIL BOXES, SIGNS, LANDSCAPE, PLANTER BEDS/BOXES, YARD DRAINS, ETC., AND SHALL BE COORDINATED AND ADDRESSED IN A TIMELY AND PROFESSIONAL MANNER. ITEMS REQUIRING REPLACEMENT SHALL BE OF EQUAL OR BETTER QUALITY.

75. THE LOCATION OF THE CONTRACTOR'S MATERIAL AND EQUIPMENT LAY-DOWN AREA SHALL BE APPROVED BY THE CITY PRIOR TO SECURING SUCH ARRANGEMENTS, AS DIRECTLY RELATED TO THE PROJECT. THE LAY-DOWN AREA SHALL BE COMPLETELY SECURED UTILIZING TEMPORARY 6' CHAIN-LINK CONSTRUCTION FENCING WITH LOCKED GATES AND PROPER EROSION CONTROL BARRIER, AS NECESSARY, AND SHALL BE KEPT IN A NEAT AND UNIFORM MANNER AT ALL TIMES, AS DETERMINED BY THE CITY. ONLY MATERIALS AND EQUIPMENT DIRECTLY REQUIRED TO FACILITATE THE CURRENT PROGRESS OF THE PROJECT CONSTRUCTION SHALL BE STORED IN THE LAY-DOWN AREA AT ANY GIVEN TIME AND ALL OTHER MATERIALS AND EQUIPMENT SHALL BE IMMEDIATELY AND/OR AT THE REQUEST OF THE CITY.

76. THE CONTRACTOR'S PROPOSED SCHEDULE OF WORK FOR BOTH STANDARD (M-F, 7AM-4PM) AND NON-STANDARD HOURS SHALL BE REVIEWED AND APPROVED BY THE CITY AND SUBMITTED FOR REVIEW IN WRITING A MINIMUM OF SEVEN (7) CALENDAR DAYS PRIOR TO COMMENCEMENT OF THE PROPOSED WORK SCHEDULE. THE CITY RESERVES THE RIGHT TO DENY WORK ON ANY PROPOSED DAY IF CERTAIN PUBLIC EVENTS, CITY OBSERVED HOLIDAY, ENVIRONMENTAL CONDITIONS, NEIGHBORHOOD CIRCUMSTANCES, ETC., REQUIRE SUCH ACTION. THE CONTRACTOR SHALL ACKNOWLEDGE ULTIMATE RESPONSIBILITY OF THE JOB SITE DURING CONSTRUCTION (24 HRS/DAY) FOR THE ENTIRE DURATION OF THE PROJECT, REGARDLESS OF APPROVED WORK SCHEDULES AND HOURS OF OPERATION.

77. THE CONTRACTOR SHALL PROVIDE CONTINUED (TEMPORARY) VEHICULAR/PEDESTRIAN ACCESS TO PUBLIC/PRIVATE PROPERTY IN A SAFE AND FEASIBLE MANNER IN AREAS IMPACTED BY THE PROJECT CONSTRUCTION UNTIL ALL SUCH ACCESS CAN BE RESTORED PERMANENTLY. ALL TEMPORARY ACCESS PLANS SHALL BE SUBMITTED TO THE CITY FOR REVIEW AND APPROVAL A MINIMUM OF FIVE (5) CALENDAR DAYS PRIOR TO IMPLEMENTING ANY PROPOSED MEASURES AND COORDINATION WITH IMPACTED RESIDENTS AND/OR PROPERTY OWNERS (OR OWNER REPRESENTATIVES) MAY BE REQUIRED OF THE CONTRACTOR AS PART OF THE TEMPORARY ACCESS PLAN(S). ALL COST FOR SUCH TEMPORARY PLANS AND MEASURES SHALL BE COVERED/INCLUDED IN THE CONTRACTORS BID.

78. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK COMPETENTLY AND EFFICIENTLY, DEVOTING SUCH ATTENTION THERETO AND APPLYING SUCH SKILLS AND EXPERTISE AS MAY BE NECESSARY TO PERFORM THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. CONTRACTOR SHALL BE RESPONSIBLE TO SEE THAT THE FINISHED WORK COMPLIES ACCURATELY WITH THE CONTRACT DOCUMENTS.

79. CONTRACTOR SHALL KEEP ON THE JOB SITE AT ALL TIMES DURING ITS PROGRESS A COMPETENT RESIDENT SUPERINTENDENT, WHO SHALL NOT BE REPLACED WITHOUT PRIOR WRITTEN NOTICE TO THE CITY EXCEPT UNDER EXTRAORDINARY CIRCUMSTANCES. THE SUPERINTENDENT AND THE PROJECT MANAGER SHALL BE THE CONTRACTOR'S REPRESENTATIVE AT THE PROJECT AND SHALL HAVE AUTHORITY TO ACT ON BEHALF OF THE CONTRACTOR. ALL COMMUNICATIONS GIVEN TO THE PROJECT MANAGER AND/OR SUPERINTENDENT SHALL BE AS BINDING AS IF GIVEN TO THE CONTRACTOR. THE CITY SHALL HAVE THE RIGHT TO DIRECT CONTRACTOR TO REMOVE AND REPLACE ITS PROJECT SUPERINTENDENT OR PROJECT MANAGER, WITH OR WITHOUT CAUSE.

80. FOR STAGING, EQUIPMENT STORAGE, EMPLOYEE PARKING, AND SITE ACCESS, COORDINATE WITH OWNER.

81. ALL LANDSCAPING SHALL COMPLY WITH CHAPTER 12 OF THE CITY OF PENSACOLA LAND DEVELOPMENT CODE.

82. IF MORE THAN ONE ACRE WILL BE DISTURBED, CONTRACTOR SHALL FILE A "NOTICE OF INTENT TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES." CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THIS PERMIT THROUGHOUT THE COURSE OF CONSTRUCTION.

83. ANY NECESSARY PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE ENGINEER OF RECORD WILL ASSIST CONTRACTOR WITH ANY REQUIRED PERMITS.

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A ADDENDUM A 4/25/2018

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BAYVIEW COMMUNITY RESOURCE CENTER

PENSACOLA THE UPSIDE of FLORIDA

2001 E. LLOYD ST PENSACOLA, FLORIDA 32503

PROJECT NO. : 2416
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GENERAL NOTES

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86. ROLL GRADE BEFORE AND ROLL SOD AFTER PLACEMENT TO ENSURE SMOOTH FINAL GRADE. NO RUTTING WILL BE ACCEPTABLE AT PROJECT CLOSE-OUT.

87. NO SITE WORK ACTIVITIES SHALL TAKE PLACE WITHOUT CITY SITE REVIEW/APPROVAL OF PROPOSED EROSION CONTROL MEASURES, AND ADVANCED NOTIFICATION OF THE REQUESTED INSPECTION IS REQUIRED.

88. CONTRACTOR SHALL VIEW SITE SPECIFIC GEOTECHNICAL REPORT PRIOR TO BIDDING FOR ADDITIONAL REQUIREMENTS / INFORMATION ON SITE PREPARATION, FILL, EARTHWORK QUALITY CONTROL, BUILDING FOUNDATION, AND STORMWATER POND.

89. ALL CURB AND GUTTER, SIDEWALKS, AND HANDICAP RAMPS SHALL BE A MINIMUM OF 3000 PSI CONCRETE AT 28 DAYS WITH 1.5 POUNDS OF FIBERMESH PER CUBIC YARD.

90. PRIOR TO CONSTRUCTION A SEPARATE BUILDING INSPECTION DEPARTMENT PERMIT(S) SHALL BE OBTAINED FOR ALL RETAINING WALL(S) HIGHER THAN 2 FEET.

91. DEWATERING IS ANTICIPATED TO BE NECESSARY FOR INSTALLATION OF THE WORK. THE CONTRACTOR'S MEANS AND METHODS OF GROUNDWATER DEWATERING SHALL COMPLY WITH REGULATORY REQUIREMENTS FOR THE TEMPORARY DIVERSION OF GROUNDWATER AND ITS DISCHARGE, INCLUDING FDEP CHAPTER 62-621 "GENERAL PERMIT FOR THE DISCHARGE OF PRODUCED GROUNDWATER FROM ANY NON-CONTAMINATED SITE ACTIVITY". ALL COSTS ASSOCIATED WITH DEWATERING EFFORTS TO BE BORNE BY THE CONTRACTOR.

92. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.

93. THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO CITY OF PENSACOLA "AS BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY CITY OF PENSACOLA ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION AND CERTIFICATE OF OCCUPANCY, OR PROVIDE "AS BUILT" CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE "AS BUILT" RECORD DRAWINGS MUST BE SIGNED, SEALED AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.

94. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.

95. THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON SITE. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATION.

96. ALL AREAS DISTURBED DUE TO CONSTRUCTION ACTIVITY SHALL BE STABILIZED, SEE LANDSCAPE PLAN.

97. ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE CONTRACTOR PRIOR TO FINAL "AS-BUILT" SIGN-OFF FROM THE CITY.

98. A COPY OF THE NWFWMD ERP PERMIT WILL BE KEPT ON SITE AT ALL TIMES.

99. THE CONTRACTOR IS REQUIRED TO REVIEW THE COMPLETE PERMIT PRIOR TO CONSTRUCTION COMMENCEMENT.

SPECIAL NOTES:

1. THE INSTALLATION OF SHEET PILES OR OTHER SHORING SHALL NOT BE PERFORMED BY VIBRATORY OR IMPACT HAMMER MEANS.

2. THE CONTRACTOR SHALL PROVIDE THE CITY ENGINEER WITH THE PROPOSED METHOD OF SHORING/PROTECTION FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

3. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING UTILITY SUPPORT, BRACING OR RELOCATION AS REQUIRED. CONTRACTOR'S BID SHALL REFLECT ANY COST(S) FOR SUCH. (TYP. ENTIRE PROJECT).

4. CONTRACTORS SHALL BE RESPONSIBLE FOR IMPLEMENTING ADEQUATE AND PROPER BY-PASSES FOR STORMWATER AND SANITARY SEWER AND PROPOSED METHODS SHALL BE APPROVED BY THE CITY AND ECUA RESPECTIVELY.

5. NEW AND EXISTING STORM WATER STRUCTURES/PIPES SHALL BE PROFESSIONALLY CLEANED OF SEDIMENT/DEBRIS WITH VACUUM TRUCK-SYSTEM AT FINAL COMPLETION AND PRIOR TO FINAL ACCEPTANCE BY THE CITY. CITY SHALL BE AFFORDED OPPORTUNITY TO INSPECT PROFESSIONALLY CLEANED STRUCTURES/PIPES AT A TIME IN WHICH THE PIPE IS VOID OF WATER.

6. THE CONTRACTOR ASSUMES RESPONSIBILITY FOR AND MAINTAIN ANY/ALL NEWLY INSTALLED INFRASTRUCTURE PRIOR TO FINAL ACCEPTANCE BY THE CITY. FINAL ACCEPTANCE WILL NOT BE GRANTED UNTIL THE CITY HAS BEEN AFFORDED THE OPPORTUNITY TO PROPERLY INSPECT SAID INFRASTRUCTURE AS PART OF THE FINAL INSPECTION AT PROJECT COMPLETION.

7. NEWLY INSTALLED STORM WATER STRUCTURES/PIPES SHALL NOT BE UTILIZED AS CONTRACTOR MEANS & METHODS TO ROUTE OR COLLECT ANY WATER PRIOR TO FINAL ACCEPTANCE BY THE CITY. FINAL ACCEPTANCE WILL NOT BE GRANTED UNTIL THE CITY HAS BEEN AFFORDED THE OPPORTUNITY TO INSPECT STRUCTURES/PIPES AS PART OF THE FINAL INSPECTION AT PROJECT COMPLETION.

8. CONTRACTORS SHALL NOTE THAT THE CITY'S REVIEW OF SHOP DRAWINGS IS TO VERIFY ELEVATIONS AND DIMENSIONS AS PER THE PLANS. DURING DESIGN AND PLANS PRODUCTION, THE CITY DOES EVERYTHING POSSIBLE TO ENSURE CONSTRUCTABILITY AND AVOID CONFLICTS. EVEN SO, AS CONSTRUCTABILITY IS ULTIMATELY DEPENDENT ON A CONTRACTOR'S MEANS & METHODS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING CONSTRUCTABILITY PRIOR TO ORDERING ANY MATERIALS FOR THIS PROJECT.

9. CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL UPKEEP OF THE AESTHETICS OF THE JOBSITE. DEBRIS, TRASH, AND RUBBLE SHALL BE REMOVED FROM THE SITE ON A REGULAR BASIS AND GRASS/WEEDS SHALL BE REGULARLY CUT TO ENSURE THE SITE DOES NOT BECOME UNSIGHTLY AND/OR OVERGROWN.

10. CONTRACTOR SHALL INSTALL AND PROPERLY MAINTAIN A DOUBLE-ROW OF TURBIDITY CURTAINS IN BAYOU TEXAR AT THE 19TH AND 20TH AVE. STORMWATER OUTFALLS PRIOR TO ANY DEMOLITION OR CONSTRUCTION WORK SEE DETAIL.

11. THE CITY OF PENSACOLA RESERVES THE RIGHT TO BE RESPONSIBLE FOR ALL OUTSIDE COMMUNICATION AND/OR CORRESPONDENCE

12. REGARDING THIS PROJECT. THE CONTRACTOR AGREES THAT HE SHALL NEITHER INITIATE NOR RESPOND TO ANYONE REQUESTING DETAILS ABOUT THIS PROJECT. SHOULD THE CONTRACTOR BE APPROACHED, THE CITY OF PENSACOLA WILL PROVIDE PERSONNEL ON THE JOBSITE TO WHOM THE CONTRACTOR SHALL DIRECT THESE INQUIRIES. THE CITY OF PENSACOLA MAY IMPOSE A $500.00 FINE TO THE CONTRACTOR FOR EACH OCCURRENCE IN WHICH THIS AGREEMENT IS NOT COMPLIED WITH.

13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMISSION OF THEIR EXCAVATION, SHORING, AND DEWATERING PLAN TO THE CITY OF PENSACOLA FOR APPROVAL. THIS SHALL INCLUDE SUBMITTAL OF AN FDEP-APPROVED NPDES PERMIT.

14. NO TURBID WATER SHALL BE DISCHARGED FROM THIS JOBSITE. CONTRACTOR SHALL BE RESPONSIBLE FOR FILTERING, SETTLING AND/OR REMOVAL OF TURBIDITY OF WATER THROUGH MEANS APPROVED BY THE CITY OF PENSACOLA.

15. REGARDLESS OF THE SOURCE, THE CONTRACTOR IS RESPONSIBLE FOR PREVENTION OF DAMAGE TO ANY EXISTING OR INSTALLED INFRASTRUCTURE WITHIN THE BOUNDARIES OF THIS JOBSITE AND SHALL REPAIR/REPLACE ANY DAMAGE AT HIS OWN COST.

16. WHEN POSSIBLE, THE CONTRACTOR SHALL CONSTRUCT THE NEW INFRASTRUCTURE FIRST (I.E. STORM SEWER, GRAVITY SEWER, MANHOLE, ETC) AND PLACE INTO SERVICE WHILE THE EXISTING INFRASTRUCTURE REMAINS IN OPERATION. WHEN NOT POSSIBLE TO CONSTRUCT THE NEW INFRASTRUCTURE FIRST, THE CONTRACTOR SHALL INSTALL ITS BYPASS PUMPING/PIPING AND ASSURE ITS OPERATION PRIOR TO BEGINNING WORK ON THE NEW INFRASTRUCTURE.

ECUA NOTES:

1. ALL ECUA WORK SHALL BE DONE IN ACCORDANCE WITH ECUA'S ENGINEERING MANUAL, LATEST EDITION LOCATED AT WWW.ECUA.FL.GOV.

2. IN THE EVENT THAT ANY SANITARY SEWER OVERFLOW (SSOS) OCCUR AS A RESULT OF CONTRACTOR'S OPERATIONS, INCLUDING BUT NOT LIMITED TO BYPASS PUMPING ON FLOW DIVERSION ACTIVITIES, OR ANY FAILURES THEREIN, CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CLEANUP OPERATIONS REQUIRED THEREBY AS WELL AS PAYING ALL FINES AND PENALTIES ATTENDANT THERETO. ANY SUCH FINES AND PENALTIES WOULD LIKELY BE IN ACCORD WITH STIPULATED PENALTIES ECUA HAS ENTERED INTO WITH THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) PURSUANT TO PARAGRAPH 17 OF THE CONSENT ORDER REGARDING OGC FILE NO. 11-0982 – WHEREIN IT PROVIDES STIPULATED PENALTIES IN THE AMOUNT OF $500/DAY PER DISCHARGE FOR DISCHARGES UP TO 5,000 GALLONS; $1,000/DAY PER DISCHARGE FOR DISCHARGES FROM 5,001 GALLONS TO 10,000 GALLONS; $2,500/DAY PER DISCHARGE FOR DISCHARGES FROM 10,001 GALLONS TO 25,000 GALLONS; $5,000/DAY PER DISCHARGE FOR DISCHARGES FROM 25,001 GALLONS TO 100,000 GALLONS; AND $10,000/DAY PER DISCHARGE FOR DISCHARGES IN EXCESS OF 100,000 GALLONS. AT OR AROUND THE TIME OF ANY SUCH SSO AND BEFORE FDEP DEMANDS PAYMENT, ECUA MAY REQUIRE PAYMENT FROM CONTRACTOR IN THESE AMOUNTS OR WITHHOLD PAYMENT FROM CONTRACTOR IN THESE AMOUNTS, AT ECUA'S OPTION.

3. SEWER BYPASS PUMPING/PIPING: ON PROJECTS REQUIRING TEMPORARY SEWER BYPASS PUMPING/PIPING, IT IS THE CONTRACTOR'S RESPONSIBILITY TO FURNISH, INSTALL, OPERATE, AND REMOVE THE APPROPRIATE SIZED MATERIALS AND EQUIPMENT AND EMPLOY THE SITE APPROPRIATE MEANS AND METHODS BY WHICH TO COMPLETE THIS TASK WITHOUT CAUSING SEWER SPILLS, OVERFLOWS, SEWER BACKUP INTO CUSTOMERS' HOMES, OR SERVICE DISRUPTIONS TO ECUA SEWER CUSTOMERS.

4. CONTRACTOR SHALL USE 316 SS FERNCO SLEEVES WHEN CONNECTING NEW SEWER MAIN TO EXISTING SEWER MAIN.

5. ADJUST ALL ECUA MANHOLES AND WATER VALVE BOXES TO FINISH GRADE IN AREAS OF PAVEMENT REPLACEMENT.

6. ALL NEW WATER LINES SHALL BE CLEANED, DISINFECTED AND BACTERIOLOGIC ALLY CLEARED FOR SERVICE IN ACCORDANCE WITH THE LATEST AWWA STANDARDS AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION RULES AND REGULATIONS.

7. ALL WATER MAINS SHALL BE NSF APPROVED FOR POTABLE WATER USE.

8. MAINTAIN 18" MIN. VERTICAL SEPARATION BETWEEN ALL POTABLE WATER MAINS AND SANITARY SEWER GRAVITY AND FORCE MAIN LINES WITH THE WATER MAIN ABOVE THE SEWER MAIN.

9. WHERE THE WATER MAIN CROSSES THE SANITARY SEWER, THE SEWER MAIN SHALL BE ENCASED IN CONCRETE FOR A DISTANCE OF 10 FEET BOTH SIDES OF THE WATER MAIN, UNLESS A MINIMUM OF 18" VERTICAL SEPARATION IS MAINTAINED WITH THE WATER MAIN ABOVE THE SEWER MAIN..

10. PVC PIPE FOR GRAVITY SANITARY SEWER IS TO BE MADE OF CLASS 11332-B COMPOUND CONFORMING TO ASTM-3034.

11. PVC PIPE FOR WATER IS TO BE AWWA C900, DR25.

12. ALL VALVE BOXES SHALL BE SET FLUSH WITH FINISHED GRADE.

13. THE TOPS OF ALL DISTURBED MANHOLES AND JUNCTION BOXES SHALL BE SET FLUSH WITH THE PAVEMENT OR, WHEN NOT IN THE PAVEMENT, FLUSH WITH FINISHED GRADE.

14. ADEQUATE PROVISIONS SHALL BE MADE FOR FLOW OF SEWER, DRAINS AND WATER COURSES ENCOUNTERED DURING CONSTRUCTION.

15. ALL NEW WATER AND SEWER MAINS SHALL HAVE A MINIMUM COVER OF 30 INCHES.

16. POTABLE WATER LINES SHALL BE PRESSURE TESTED IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS.

17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND COMPLY WITH ANY TESTING REQUIRED BY THE LOCAL GOVERNING AGENCY IN ADDITION TO THE TESTING REQUIREMENTS OUTLINED IN THE SPECIFICATIONS.

18. ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.

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50% SUBMITTAL	12/22/17
90% SUBMITTAL	02/28/18
PERMIT SET	03/20/18

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PROJECT:

BAYVIEW COMMUNITY RESOURCE CENTER

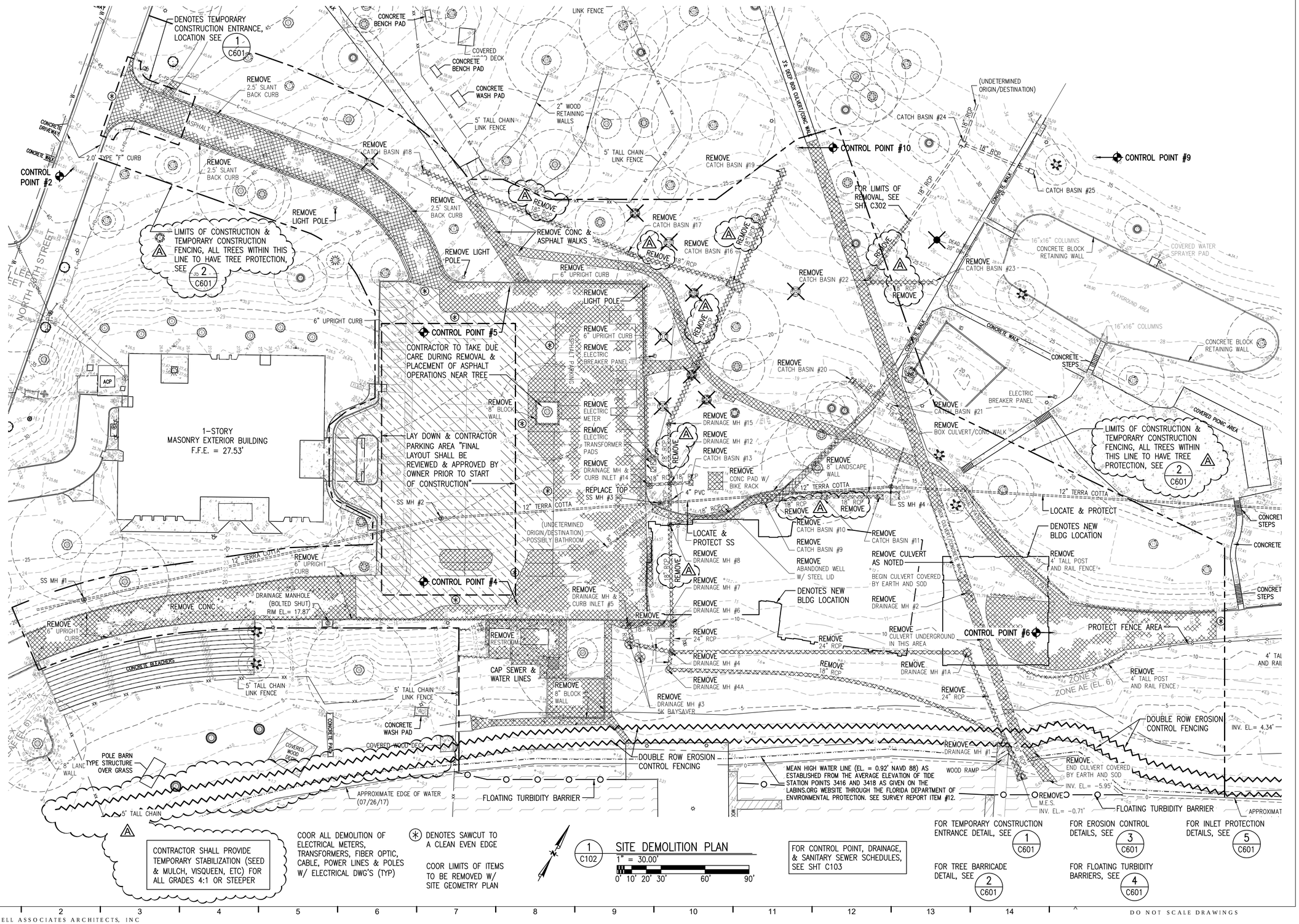
PENSACOLA THE UPSIDE of FLORIDA

2001 E. LLOYD ST PENSACOLA, FLORIDA 32503

PROJECT NO. : 2416
SHEET TITLE:
GENERAL NOTES

SHEET NUMBER:
A C003
PERMIT SET

DO NOT SCALE DRAWINGS



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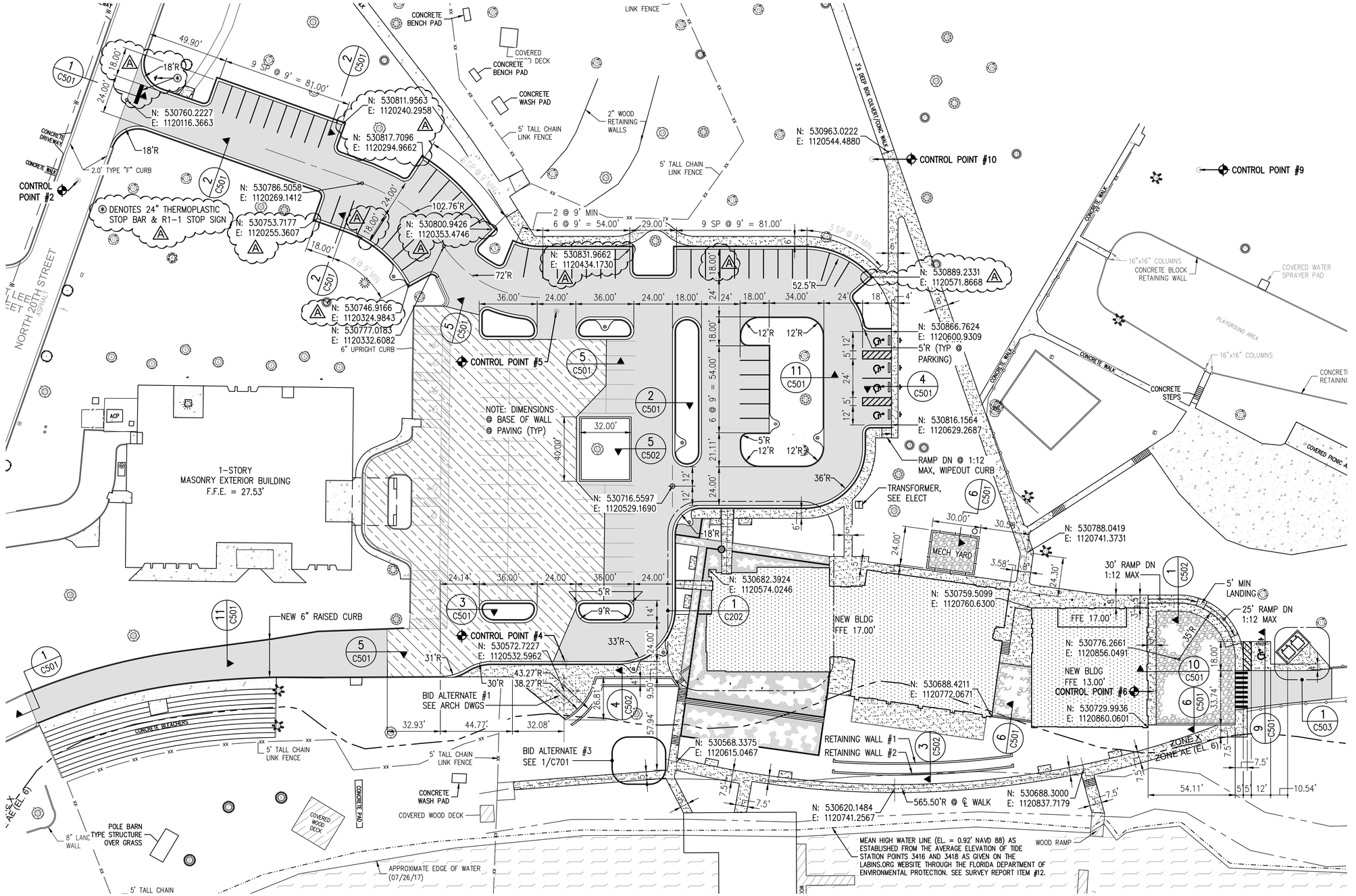
PROJECT NO. : 2416
SHEET TITLE:
SITE DEMOLITION PLAN

SHEET NUMBER:

C102

PERMIT SET

DO NOT SCALE DRAWINGS



1 C201 SITE GEOMETRY PLAN
1" = 30.00'
0' 10' 20' 30' 60' 90'

FOR CONC JOINT DETAILS, SEE 7 C501
FOR TYP STAIR SECTION, SEE 2 C502
FOR CONC RAMP DETAILS, SEE 8 C501
FOR TYP HANDICAP SYMBOL & SIGN, SEE 6 C502

RETAINING WALL #1
℄ @ WEST END:
N: 530616.1719
E: 1120699.7138
℄ @ EAST END:
N: 530673.6097
E: 1120795.0329
RADIUS @ ℄: 550.00'
ARC LENGTH @ ℄: 111.48'
CHORD LENGTH @ ℄: 111.29'

RETAINING WALL #2
℄ @ WEST END:
N: 530610.1430
E: 1120702.5593
℄ @ EAST END:
N: 530668.2770
E: 1120799.0337
RADIUS @ ℄: 556.67'
ARC LENGTH @ ℄: 112.83'
CHORD LENGTH @ ℄: 112.64'

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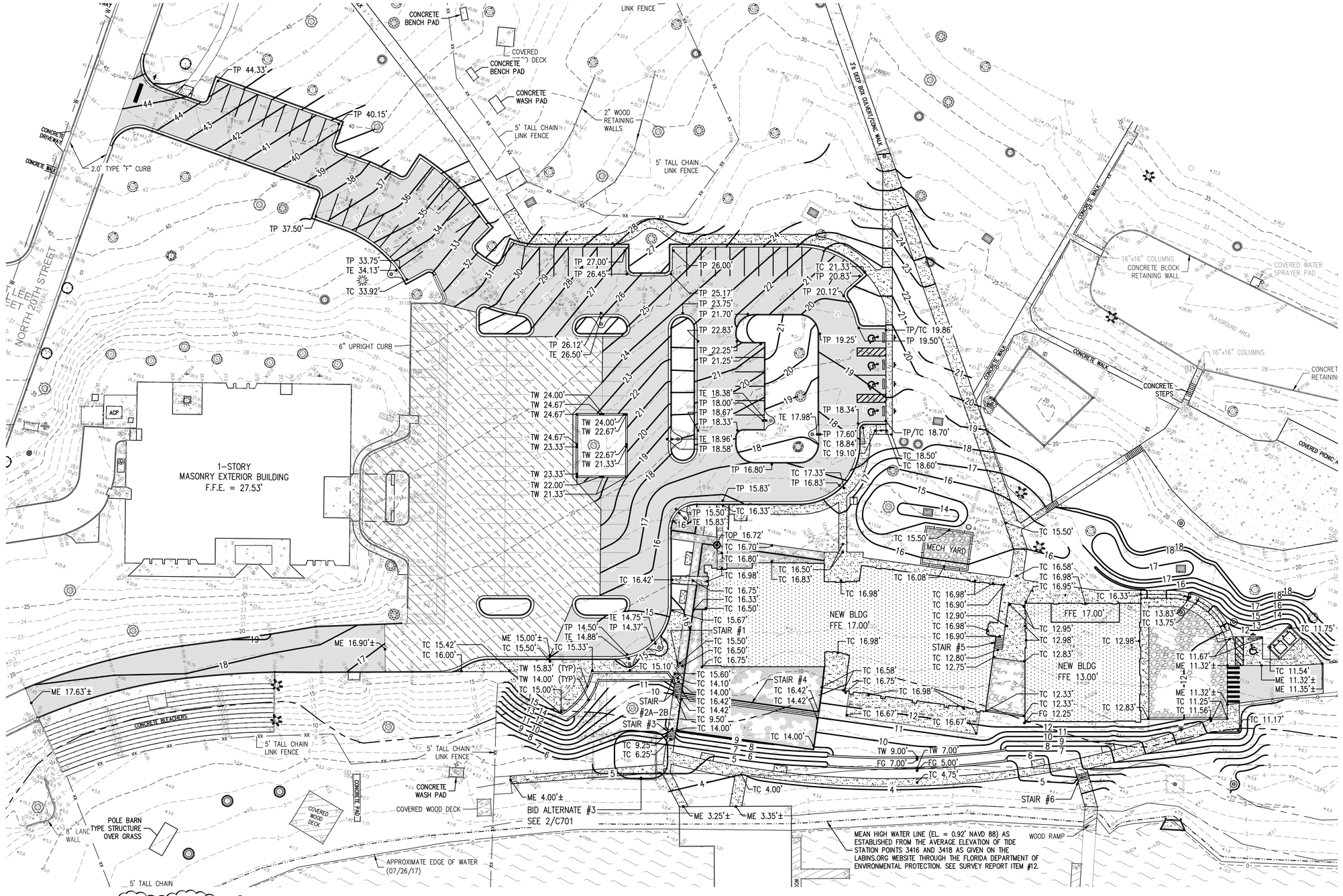

A CONTRACTOR SHALL PROVIDE TEMPORARY STABILIZATION (SEED & MULCH, VISQUEEN, ETC) FOR ALL GRADES 4:1 OR STEEPER

FOR STORM DRAINAGE PLAN, SEE 1/C302

FOR POND/SWALE DETAIL, SEE 4/C505

PROVIDE UNIFORM SLOPES BETWEEN GIVEN ELEVATIONS (TYP U.N.O.)

1/C301 SITE GRADING PLAN

1" = 30.00'

0' 10' 20' 30' 60' 90'

STAIR #1
TOP 16.50' BOT 15.50'
2R @ 6" = 1.00'
1T @ 12" = 1.00'

STAIR #2A
TOP 15.60' BOT 14.10'
3R @ 6" = 1.50'
2T @ 12" = 2.00'

STAIR #2B
TOP 14.00' BOT 9.50'
9R @ 6" = 4.50'
8T @ 12" = 8.00'

STAIR #3
TOP 9.25' BOT 6.25'
6R @ 6" = 3.00'
5T @ 12" = 5.00'

STAIR #4 (SEE ARCH)
TOP 16.42' BOT 14.42'
4R @ 6" = 2.00'
3T @ 12" = 3.00'

STAIR #5
TOP 16.90' BOT 12.80'
8R @ 6.15" = 4.10'
7T @ 12" = 7.00'

STAIR #6
TOP 6.90' BOT 4.40'
5R @ 6" = 2.50'
4T @ 12" = 4.00'

DO NOT SCALE DRAWINGS

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116 N TARRAGONA STREET, PENSACOLA, FL 32502
(850) 432 9500 | CALDWELL-ASSOC.COM
License No: AA26000721 | License No: IB0000995

PROJECT ISSUES:

SCHEMATIC DESIGN	07/13/17
DESIGN DEVELOPMENT	10/13/17
50% SUBMITTAL	12/22/17
90% SUBMITTAL	02/28/18
PERMIT SET	03/20/18

A ADDENDUM A 4/25/2018

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Caldwell Associates
FIRE PROTECTION
H.M. Yonge & Associates
PLUMBING/FIRE PROTECTION
H.M. Yonge & Associates
MECHANICAL
H.M. Yonge & Associates
ELECTRICAL/FIRE ALARM
Klocke & Associates
TELECOMMUNICATION/SECURITY
Klocke & Associates
AUDIO-VISUAL
Walthall & Associates
FOOD SERVICES
Camacho Foodservice Design

PROJECT:

BAYVIEW COMMUNITY RESOURCE CENTER

PENSACOLA THE UPSIDE of FLORIDA

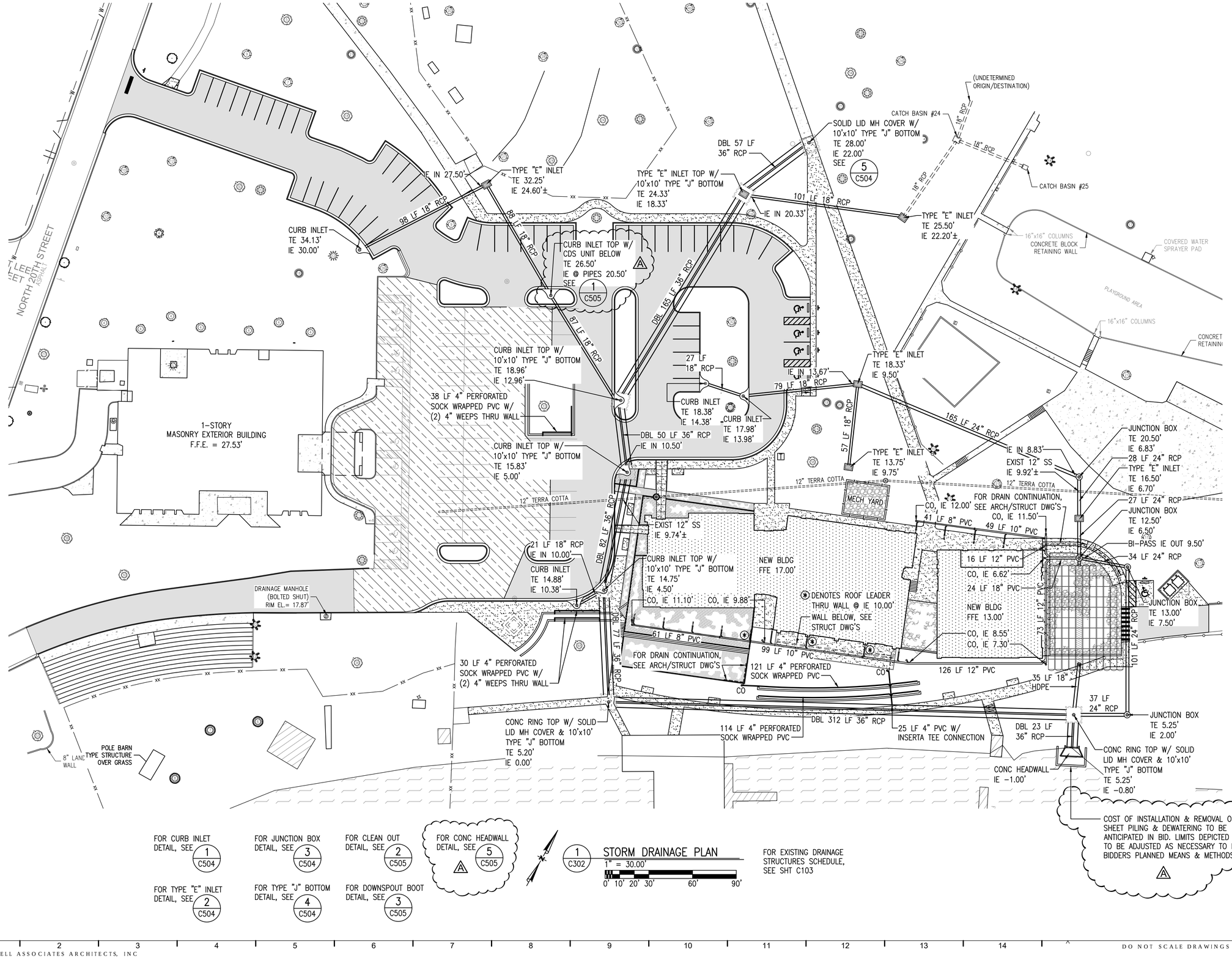
2001 E. LLOYD ST PENSACOLA, FLORIDA 32503

PROJECT NO. : 2416
SHEET TITLE:
SITE GRADING PLAN

SHEET NUMBER:

C301

PERMIT SET



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PENSACOLA
THE UPSIDE of FLORIDA

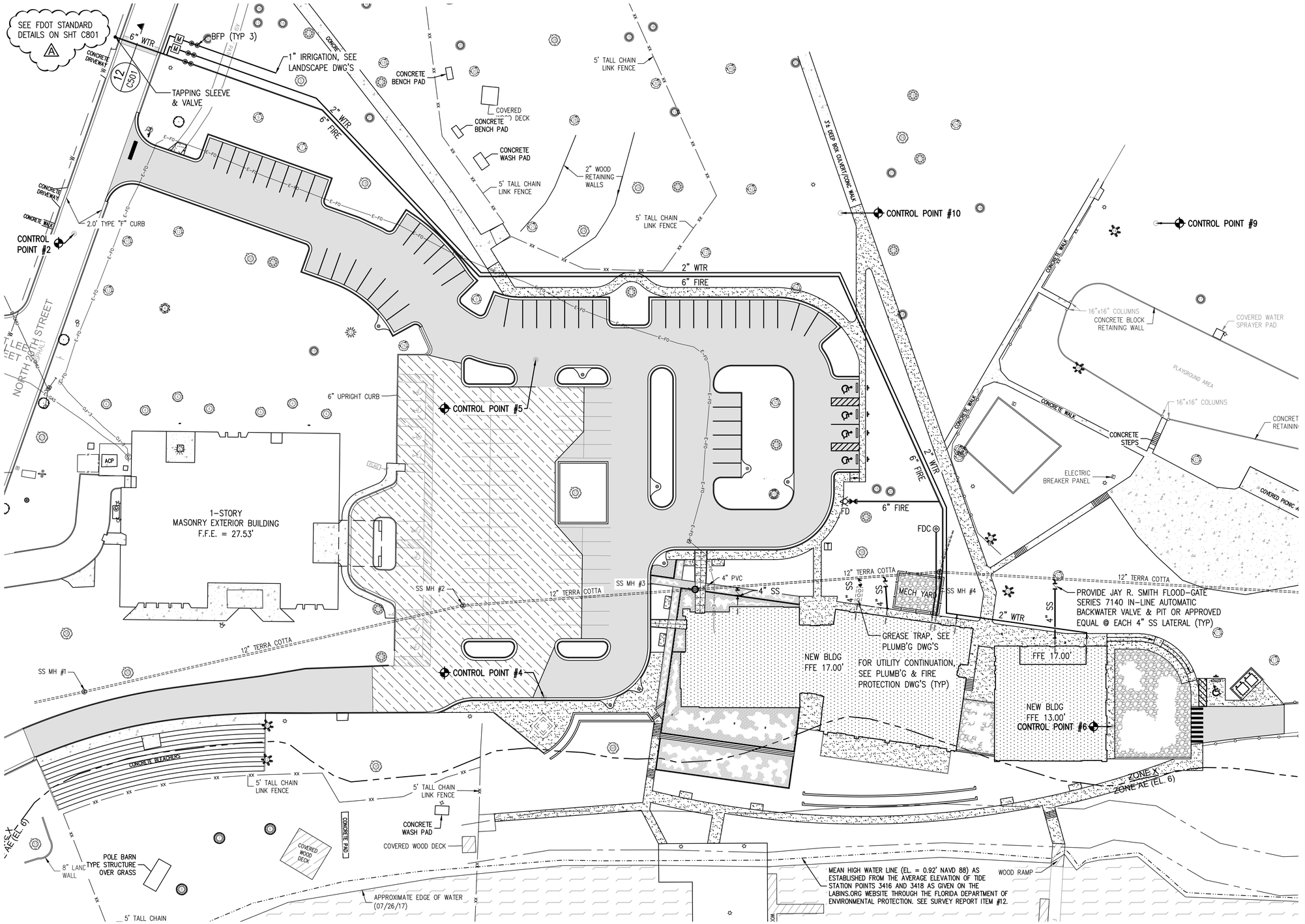
2001 E. LLOYD ST
PENSACOLA, FLORIDA
32503

PROJECT NO. : 2416
SHEET TITLE:
STORM DRAINAGE PLAN

SHEET NUMBER:

C302

PERMIT SET



FOR CONTROL POINT, DRAINAGE, & SANITARY SEWER SCHEDULES, SEE SHT C103

1 C401 SITE UTILITY PLAN
1" = 30.00'
0' 10' 20' 30' 60' 90'

FOR TAPPING SLEEVE & VALVE DETAIL, SEE 1 C508
FOR METER BOX W/ BFP DETAIL, SEE 3 C508
FOR FIRE HYDRANT DETAIL, SEE 1 C509
FOR PIPE BEDDING DETAIL, SEE 3 C509
FOR WATER/SEWER SEPARATION DETAILS, SEE 5 C509
FOR VALVE BOX DETAIL, SEE 2 C508
FOR THRUST BLOCK SCHEDULE & DETAILS, SEE 4 C508
FOR FIRE DEPARTMENT CONNECTION DETAIL, SEE 2 C509
FOR PIPE CONFLICT DETAIL, SEE 4 C509

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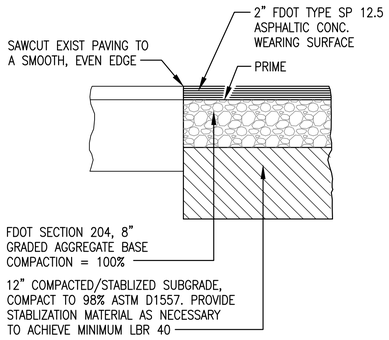
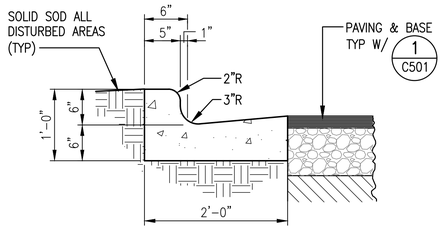
SHEET NUMBER:
C401

PERMIT SET

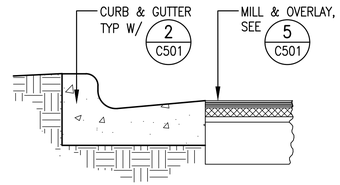


1 C501 PAVING SECTION
NO SCALE



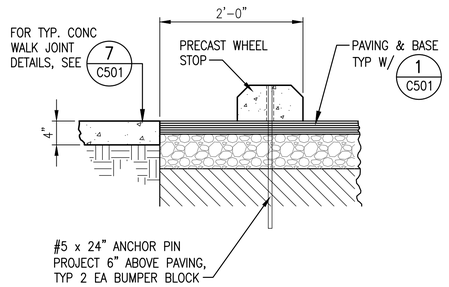
NOTE: WHEN USED ON THE HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF GUTTER SHALL MATCH THE CROSS OF ADJACENT PAVEMENT AND THE THICKNESS OF LIP SHALL BE 6", UNLESS SHOWN OTHERWISE ON THE PLANS

2 C501 FDOT TYPE "F" CURB & GUTTER
NO SCALE

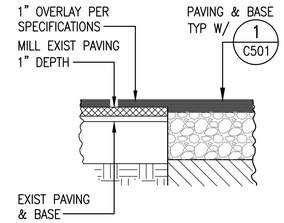


NOTE: WHEN USED ON THE HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF GUTTER SHALL MATCH THE CROSS OF ADJACENT PAVEMENT AND THE THICKNESS OF LIP SHALL BE 6", UNLESS SHOWN OTHERWISE ON THE PLANS

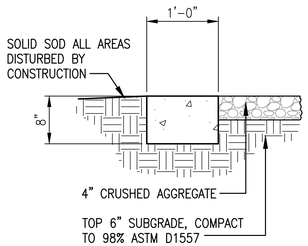
3 C501 MILL & OVERLAY SECTION
NO SCALE



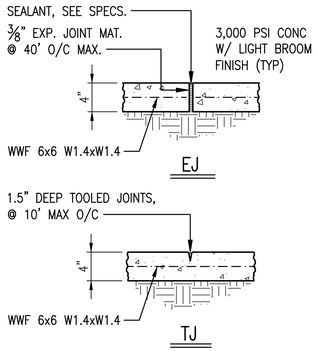
4 C501 WHEEL STOP SECTION
NO SCALE



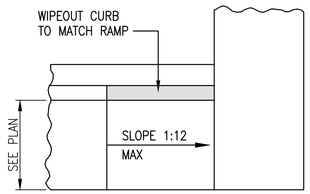
5 C501 MILL & OVERLAY SECTION
NO SCALE



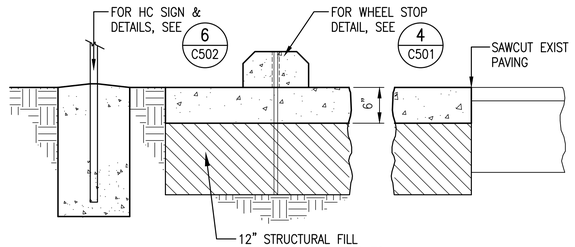
6 C501 RIBBON CURB/GRAVEL SECTION
NO SCALE



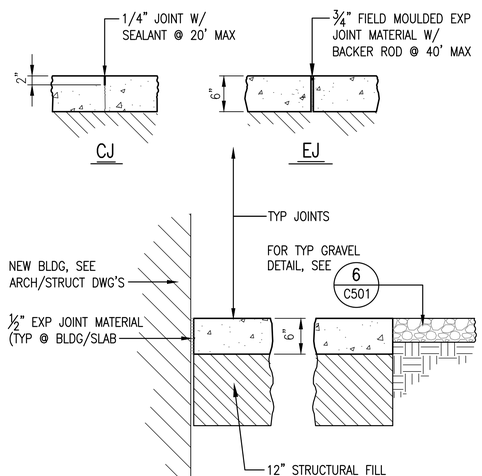
7 C501 CONC WALK JOINT DETAILS
NO SCALE



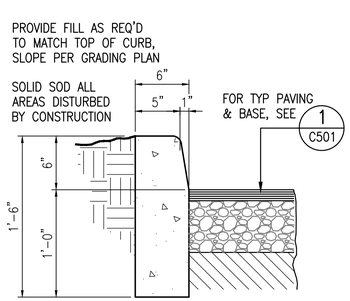
8 C501 CONCRETE RAMP PLAN
NO SCALE



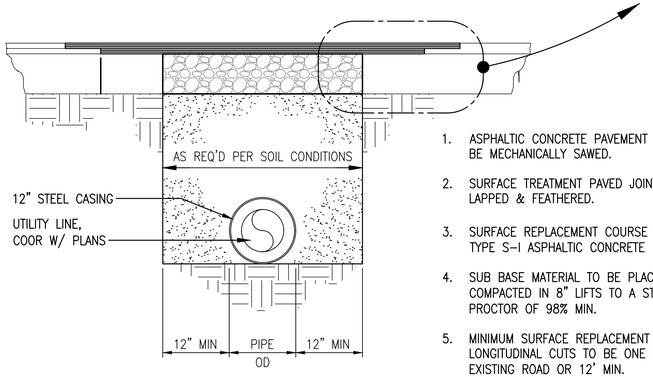
9 C501 CONCRETE PARKING DETAIL
NO SCALE

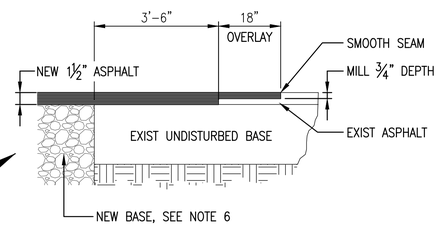


10 C501 CONCRETE APRON DETAIL
NO SCALE



11 C501 RAISED CURB SECTION
NO SCALE





1. ASPHALTIC CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED.
2. SURFACE TREATMENT PAVED JOINTS SHALL BE LAPPED & FEATHERED.
3. SURFACE REPLACEMENT COURSE TO BE 1½" TYPE S-I ASPHALTIC CONCRETE
4. SUB BASE MATERIAL TO BE PLACED & COMPACTED IN 8" LIFTS TO A STANDARD PROCTOR OF 98% MIN.
5. MINIMUM SURFACE REPLACEMENT COURSE OF LONGITUDINAL CUTS TO BE ONE HALF OF EXISTING ROAD OR 12' MIN.
6. LONGITUDINAL CUT REPLACEMENT BASE SHALL BE FULL DEPTH ASPHALTIC CONCRETE OR 8" CRUSHED STONE.
7. ANY VARIANCE MUST BE APPROVED ON INDIVIDUAL BASIS BY THE CITY ENGINEER.
8. PERMIT FROM ENGINEERING AND INSPECTION BY PUBLIC WORKS IS REQUIRED.
9. CONTACT PUBLIC WORKS AND ALL EMERGENCY SERVICES (POLICE, FIRE & EMERGENCY MEDICAL SERVICES) BEFORE COMPLETELY CLOSING A ROAD. NOTIFY THE ABOVE AGAIN ONCE THE ROAD HAS BEEN RE-OPENED.

12 C501 CITY OF PENSACOLA STREET CUT/PATCH DETAIL
NO SCALE

SEE FDOT STANDARD DETAILS ON SHT C801 A

DO NOT SCALE DRAWINGS

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BAYVIEW COMMUNITY RESOURCE CENTER

PENSACOLA THE UPSIDE of FLORIDA

2001 E. LLOYD ST PENSACOLA, FLORIDA 32503

PROJECT NO. : 2416
SHEET TITLE:
SECTIONS & DETAILS

SHEET NUMBER:
C501

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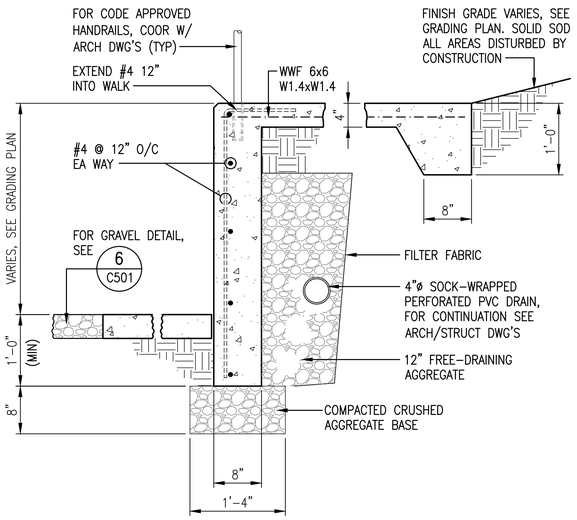
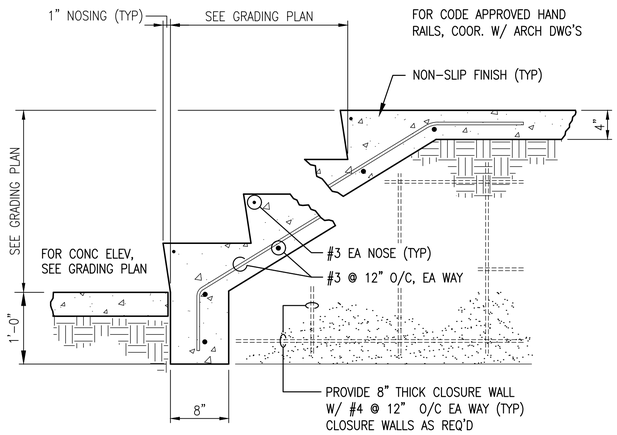
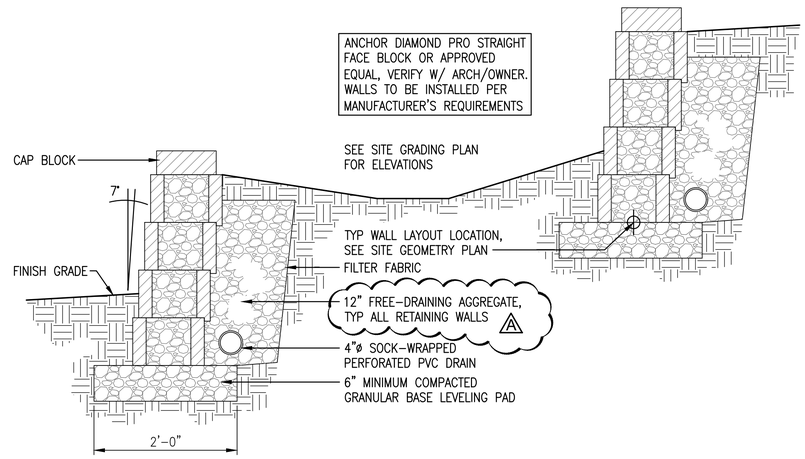


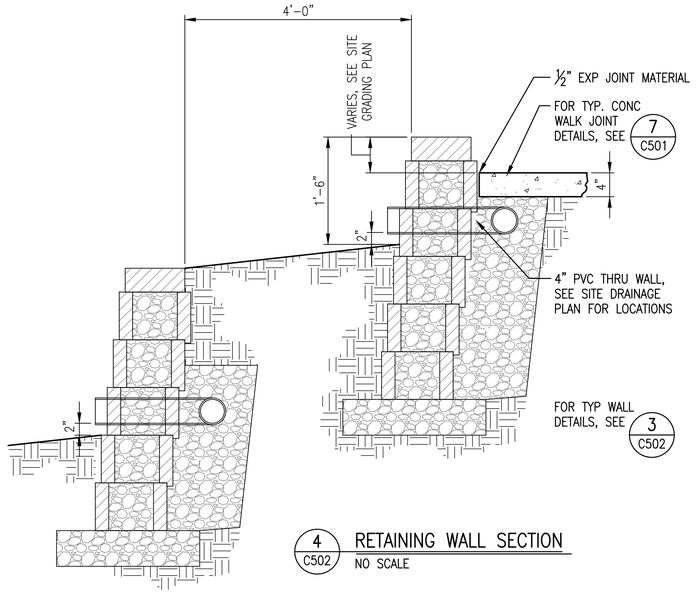
1 C502 RAMP RETAINING WALL
NO SCALE



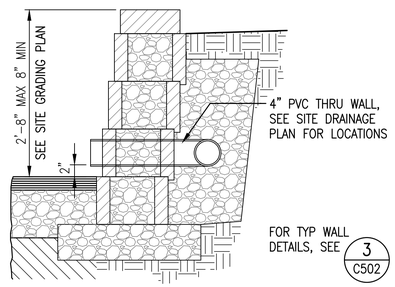
2 C502 STAIR SECTION
NO SCALE



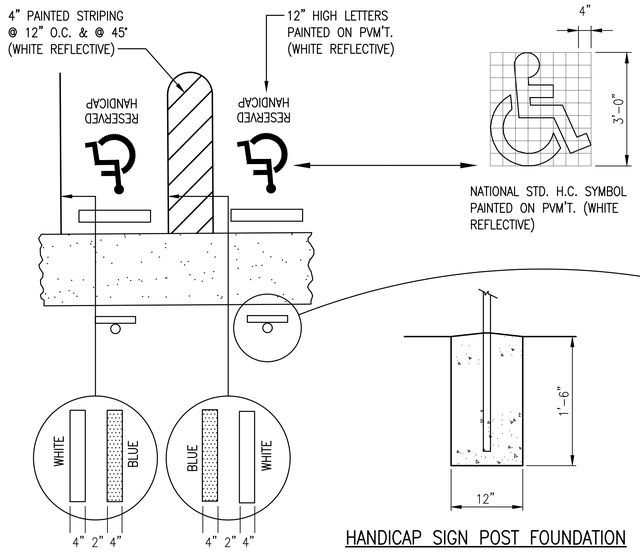
3 C502 RETAINING WALL SECTION
NO SCALE



4 C502 RETAINING WALL SECTION
NO SCALE



5 C502 RETAINING WALL SECTION
NO SCALE

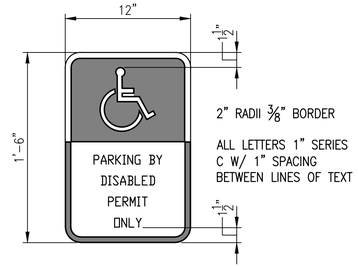


NOTE: ALL OTHER PARKING SPACES TO BE MARKED W/ WHITE STRIPING (4") WIDE

NATIONAL STD. H.C. SYMBOL PAINTED ON PVM'T. (WHITE REFLECTIVE)

HANDICAP SIGN POST FOUNDATION

CITY OF PENSACOLA HC PLAN & DETAILS
6 C502 NO SCALE



NOTE: SIGN SHALL BE PER FDOT FTP 20-06, POST & MOUNTING SHALL BE PER FDOT REQUIREMENTS

SIGNS USED AS PER FLORIDA STATUTES

VIOLATORS
$250 FINE
CITY ORDINANCE 11-2-36

INSTALL BELOW HANDICAP SIGN

NOTES:
1. TOP PORTION OF SIGN SHALL HAVE A REFLECTIVE BLUE BACKGROUND WITH WHITE REFLECTIVE SYMBOL AND BORDER.
2. BOTTOM PORTION SHALL HAVE A REFLECTIVE WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
3. SIGN MAY BE FABRICATED ON ONE PANEL OR TWO.
4. SIGNS ARE TO BE MOUNTED AT STANDARD HEIGHT. (7' FROM PAVEMENT OR FINISH GRADE TO BOTTOM OF SIGN).

HANDICAP PARKING SIGN DETAIL

DO NOT SCALE DRAWINGS

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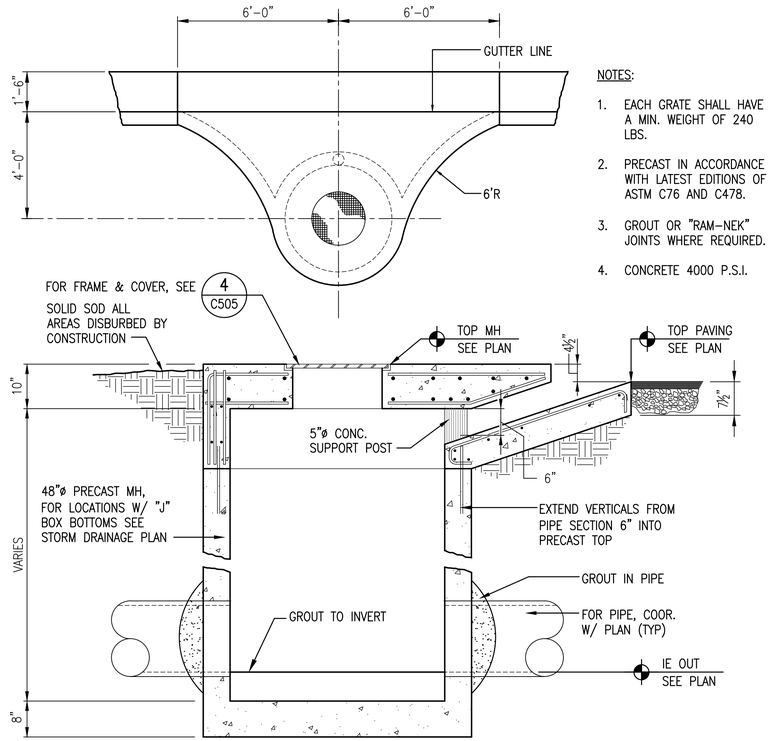
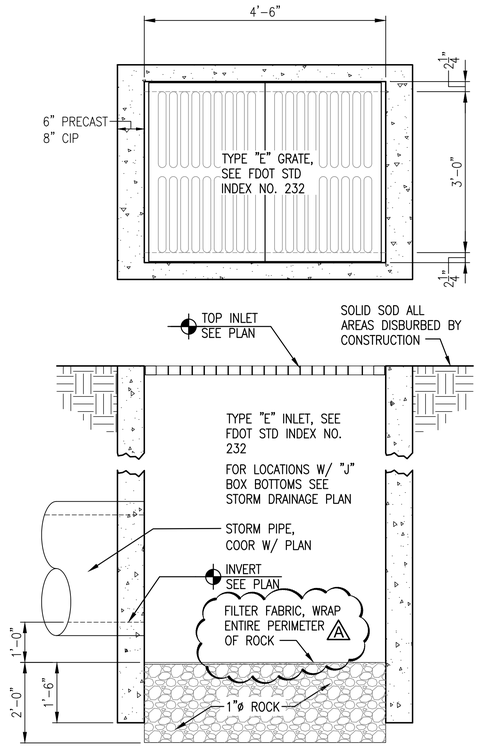
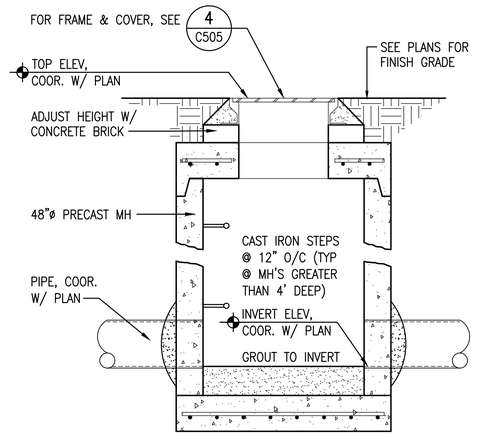


1 C504 CURB INLET
NO SCALE

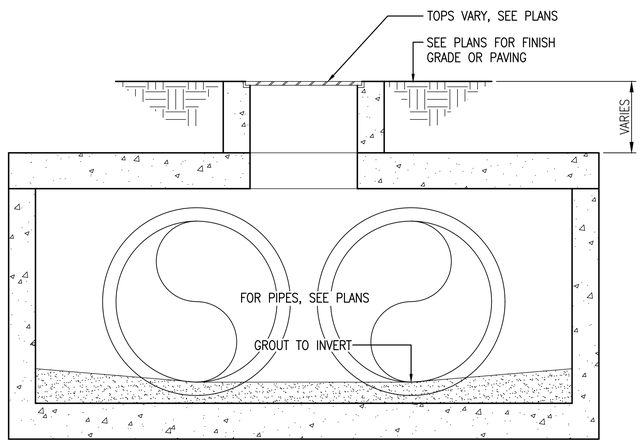


2 C504 TYPE "E" OPEN BOTTOM INLET
NO SCALE



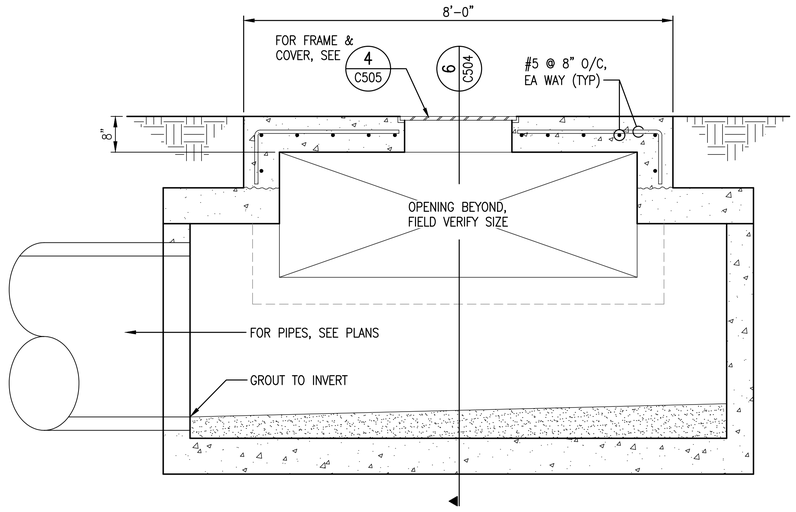
MANHOLES SHALL COMPLY W/ ASTM C478 IN ACCORDANCE W/ THE APPLICABLE PROVISIONS OF SECTION 5.2.1 OR 5.2.2 OF THE REFERENCED STANDARDS. ALL MATERIALS & REINFORCING SHALL NOT BE LESS THAN PRESCRIBED BY THE STANDARDS. RUBBER GASKETS SHALL COMPLY W/ ASTM C-443

3 C504 JUNCTION BOX
NO SCALE



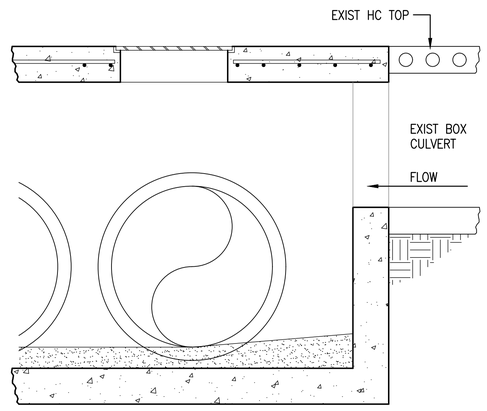
10'x10' TYPE "J" BOTTOM, REINF & DETAILS TYP W/ FDOT STD INDEX 200 LATEST EDITION

4 C504 FDOT TYPE "J" BOTTOM
NO SCALE



10'x10' TYPE "J" BOTTOM, REINF & DETAILS TYP W/ FDOT STD INDEX 200 LATEST EDITION

5 C504 FDOT TYPE "J" BOTTOM
NO SCALE



10'x10' TYPE "J" BOTTOM, REINF & DETAILS TYP W/ FDOT STD INDEX 200 LATEST EDITION

6 C504 SECTION @ CONNECTION
NO SCALE

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AUDIO-VISUAL
Walthall & Associates
FOOD SERVICES
Camacho Foodservice Design

PROJECT:
BAYVIEW COMMUNITY RESOURCE CENTER

PENSACOLA THE UPSIDE of FLORIDA

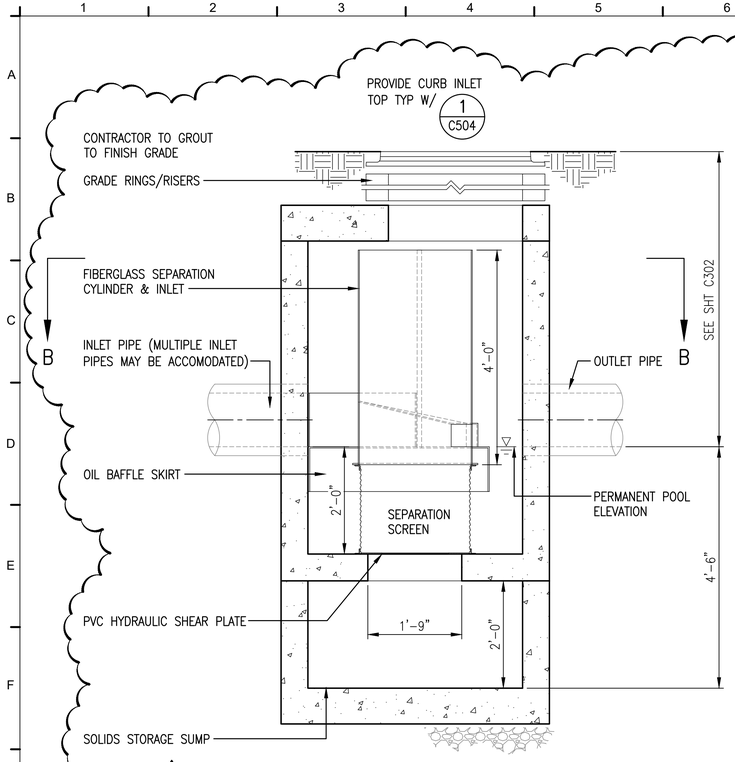
2001 E. LLOYD ST PENSACOLA, FLORIDA 32503

PROJECT NO. : 2416
SHEET TITLE:
SECTIONS & DETAILS

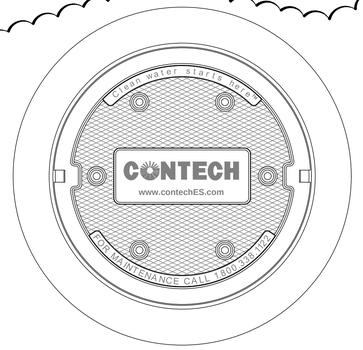
SHEET NUMBER:
C504

PERMIT SET

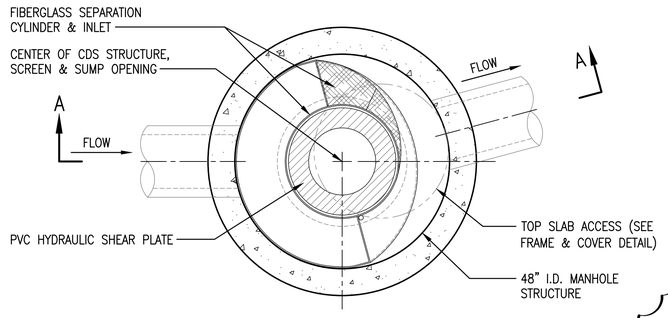
DO NOT SCALE DRAWINGS



1 C505 CDS UNIT (CDS2015-4-C) – ELEVATION A–A
NO SCALE



FRAME & COVER (DIAMETER VARIES)
NO SCALE



CDS UNIT – PLAN VIEW B–B
NO SCALE

CDS2015-4-C DESIGN NOTES

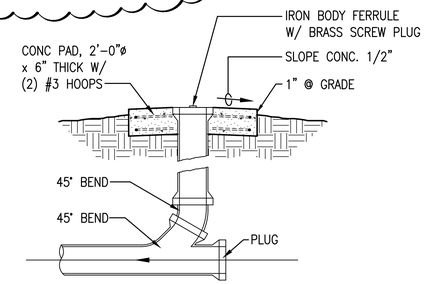
CDS2015-4-C RATED TREATMENT CAPACITY IS 0.7 CFS [19.8 L/s], OR PER LOCAL REGULATIONS. MAXIMUM HYDRAULIC INTERNAL BYPASS CAPACITY IS 10.0 CFS [283 L/s].

GENERAL NOTES
1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTECH ENGINEERED SOLUTIONS LLC REPRESENTATIVE. www.ContechES.com
3. CDS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
4. STRUCTURE AND CASTINGS SHALL MEET AASHTO HS20 LOAD RATING.
5. PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEANING.
6. CDS STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C-478 AND AASHTO LOAD FACTOR DESIGN METHOD.

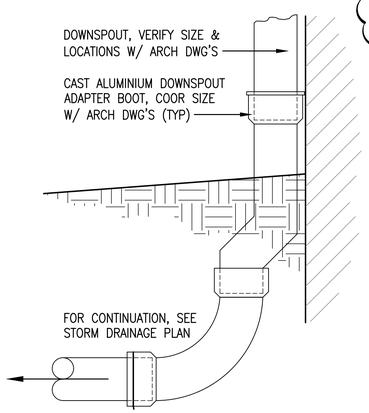
INSTALLATION NOTES
A. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE.
B. CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
C. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET AND OUTLET PIPE(S). MATCH PIPE INVERTS WITH ELEVATIONS SHOWN. ALL PIPE CENTERLINES TO MATCH PIPE OPENING CENTERLINES.
D. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

SITE SPECIFIC DATA REQUIREMENTS

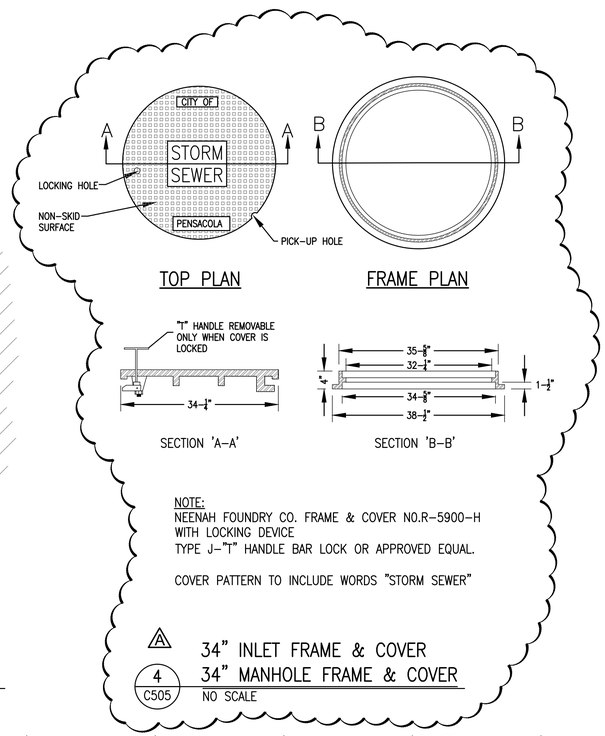
WATER QUALITY FLOW RATE (CFS OR L/s)	0.7
PEAK FLOW RATE (CFS OR L/s)	10
RETURN PERIOD OF PEAK FLOW (YRS)	10
SCREEN APERTURE (2400 OR 4700)	2,400



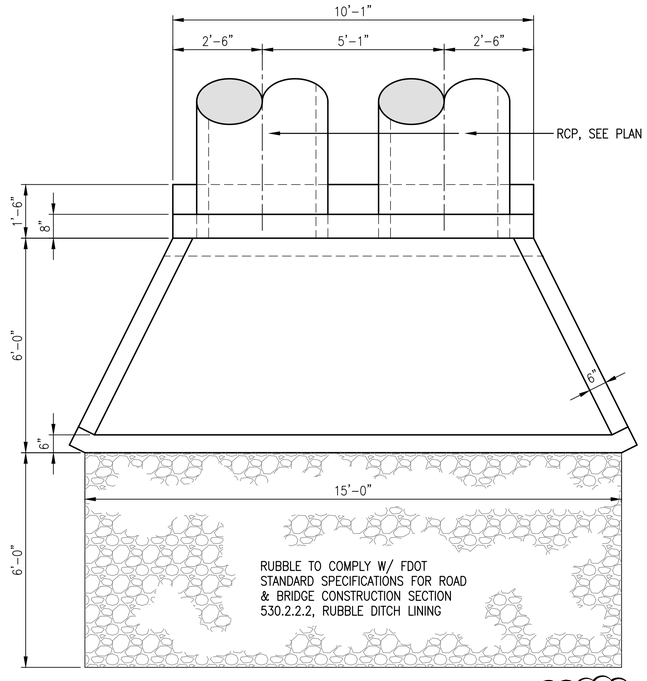
2 C505 CLEAN OUT
NO SCALE

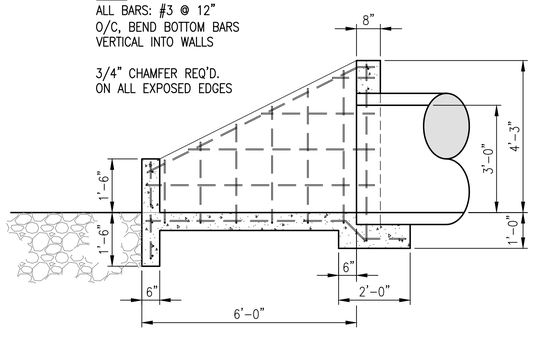


3 C505 DOWNSPOUT BOOT DETAIL
NO SCALE



A 4 C505 34" INLET FRAME & COVER
34" MANHOLE FRAME & COVER
NO SCALE





A 5 C505 CONC HEADWALL DETAILS
NO SCALE

CALDWELL ASSOCIATES | ARCHITECTS
116 N TARRAGONA STREET, PENSACOLA, FL 32502
(850) 432 9500 | CALDWELL-ASSOC.COM
license No: AA26000721 | License No: IB0000995

PROJECT ISSUES:

SCHEMATIC DESIGN	07/13/17
DESIGN DEVELOPMENT	10/13/17
50% SUBMITTAL	12/22/17
90% SUBMITTAL	02/28/18
PERMIT SET	03/20/18

A ADDENDUM A 4/25/2018

PROJECT TEAM:

CIVIL
Kenneth Horne & Associates, Inc.
STRUCTURAL
Joe DeReuil Associates, LLC
ARCHITECTURAL / INTERIOR DESIGN
Caldwell Associates
FIRE PROTECTION
H.M. Yonge & Associates
PLUMBING/FIRE PROTECTION
H.M. Yonge & Associates
MECHANICAL
H.M. Yonge & Associates
ELECTRICAL/FIRE ALARM
Klocke & Associates
TELECOMMUNICATION/SECURITY
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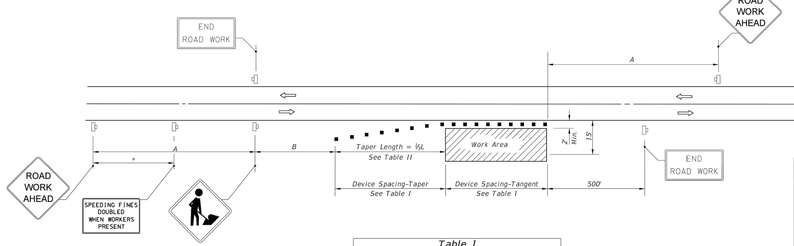

DISTANCE BETWEEN SIGNS		
Speed	Spacing (ft.)	
	A	B
40 mph or less	200	200
45 mph	350	350
50 mph or greater	500	500

*Midway between signs.

Table I
Device Spacing

Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type 1 or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
50 to 70	25	50	50	100

Table II
Taper Length - Shoulder

Speed (mph)	½L (ft)			Notes
	8' Shldr.	10' Shldr.	12' Shldr.	
25	28	35	42	L= WS²/60
30	40	50	60	
35	55	68	82	
40	72	90	107	
45	120	150	180	L=WS
50	133	167	200	
55	147	183	220	
60	160	200	240	
65	173	217	260	
70	187	233	280	

W = minimum shoulder width

½L = Length of shoulder taper in feet

W = Width of total shoulder in feet (combined paved and unpaved width)

S = Posted speed limit (mph)

SYMBOLS

Work Area

Channelizing Device (See Index No. 600)

Work Zone Sign

Lane Identification + Direction of Traffic

GENERAL NOTES

1. When four or more work vehicles enter the through traffic lanes in a one hour period or less (excluding establishing and terminating the work area), the advanced FLAGGER sign shall be substituted for the WORKERS sign. For location of Flaggers and FLAGGER signs, see Index No. 603.
2. SHOULDER WORK sign may be used as an alternate to the WORKER symbol sign only on the side where the shoulder work is being performed.
3. When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.
4. For general TCZ requirements and additional information, refer to Index No. 600.

DURATION NOTES

1. Signs and channelizing devices may be omitted if all of the following conditions are met:
   a. Work operations are 60 minutes or less.
   b. Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH THE AREA CLOSER THAN 15' BUT NOT CLOSER THAN 2' TO THE EDGE OF TRAVEL WAY.

LAST REVISION 07/01/15	REVISION	DESCRIPTION:	FDOT FY 2017-18 DESIGN STANDARDS	TWO-LANE, TWO-WAY, WORK ON SHOULDER	INDEX NO. 602	SHEET NO. 1 of 1

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SYMBOLS:

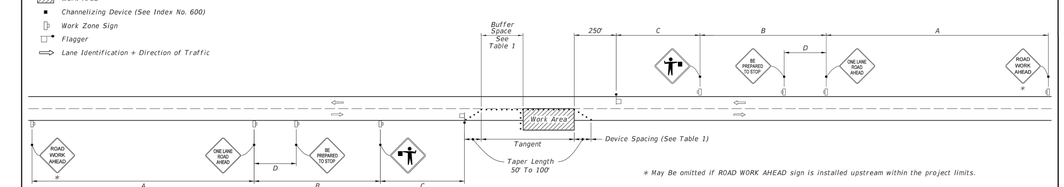
Work Area

Channelizing Device (See Index No. 600)

Work Zone Sign

Flagger

Lane Identification + Direction of Traffic



WITHOUT TEMPORARY RAISED RUMBLE STRIPS

GENERAL NOTES:

1. Special Conditions may be required in accordance with these notes and the following sheets:
   A. Railroad Crossings:
      a. If an active railroad crossing is located closer to the Work Area than the queue length plus 300 feet, extend the Buffer Space as shown on Sheet 3.
      b. If the queuing of vehicles across an active railroad crossing cannot be avoided, provide a uniformed traffic control officer or flagger at the highway-rail grade crossing to prevent vehicles from stopping within the highway-rail grade crossing, even if automatic train warning devices are in place.
   B. If the Work Area encroaches on the Centerline, use the Layout for Temporary Lane Shift to Shoulder on Sheet 3 only if the Existing Paved Shoulder width is sufficient to provide for an 11' lane between the Work Area and the Edge of Existing Paved Shoulder. Reduce the posted speed when appropriate.
2. Temporary Raised Rumble Strips:
   A. Use when both of the following conditions are met concurrently:
      a. Existing Posted Speed is 55 mph or greater;
      b. Work duration is greater than 60 minutes.
   B. Use a consistent Strip color throughout the work zone.
   C. Place each Rumble Strip Set transversely across the lane at locations shown.
   D. Use Option 1 or Option 2 as shown on Sheet 2. Use only one option throughout work zone.
3. Additional one-way control may be provided by the following means:
   A. Flag-carrying vehicle;
   B. Official vehicle;
   C. Pilot vehicles;
   D. Traffic signals.

   When flaggers are the sole means of one-way control, the flaggers must be in sight of each other or in direct communication at all times.
4. When a side road intersects the highway within the TTC zone, place additional TTC devices in accordance with other applicable TCZ Indexes.
5. The two channelizing devices directly in front of the work area may be omitted provided vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.
6. When Buffer Space cannot be attained due to geometric constraints, use the greatest attainable length, not less than 200 ft, for posted speeds greater than 25 mph.
7. ROAD WORK AHEAD and the BE PREPARED TO STOP signs may be omitted if all of the following conditions are met:
   A. Work operations are 60 minutes or less.
   B. Speed limit is 45 mph or less.
   C. There are no sight obstructions to vehicles approaching the work area for a distance equal to the Buffer Space shown in Table 1.
   D. Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.
   E. Volume and complexity of the roadway has been considered.
   F. If a railroad crossing is present, vehicles will not queue across rail tracks.
   G. AFADs are not in use.
8. See Index 600 for general TCZ requirements and additional information.
9. Automated Flagger Assistance Devices (AFADs) may be used in accordance with Specifications Section 102, 990 and the APL vendor drawings.

TABLE 1
DEVICE SPACING

Posted Speed	Maximum Spacing of Cones or Tubular Markers		Maximum Spacing of Type I or Type II Barricades/Panels/Drums		Distance Between Signs				Buffer Space
	On a Taper	On a Tangent	On a Taper	On a Tangent	A	B	C	D	
25	20'	50'	20'	50'	200'	200'	200'	100'	155'
30	20'	50'	20'	50'	200'	200'	200'	100'	200'
35	20'	50'	20'	50'	200'	200'	200'	100'	250'
40	20'	50'	20'	50'	200'	200'	200'	100'	305'
45	20'	50'	20'	50'	350'	350'	350'	175'	360'
50	20'	50'	20'	100'	500'	500'	500'	250'	425'
55	20'	50'	20'	100'	2640'	1500'	1000'	500'	495'
60	20'	50'	20'	100'	2640'	1500'	1000'	500'	570'
65	20'	50'	20'	100'	2640'	1500'	1000'	500'	645'
70	20'	50'	20'	100'	2640'	1500'	1000'	500'	730'

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH THE AREA BETWEEN THE CENTERLINE AND A LINE 2' OUTSIDE THE EDGE OF TRAVEL WAY.

LAST REVISION 01/01/16	REVISION	DESCRIPTION:	FDOT FY 2017-18 DESIGN STANDARDS	TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY	INDEX NO. 603	SHEET NO. 1 of 3

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SYMBOLS:

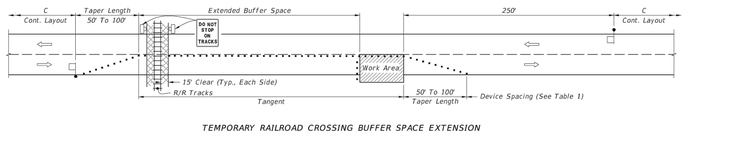
Work Area

Channelizing Device (See Index No. 600)

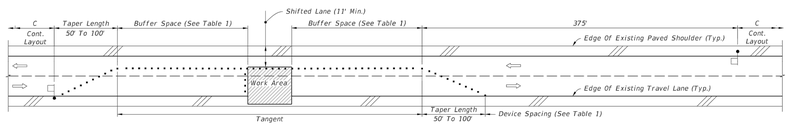
Work Zone Sign

Flagger

Lane Identification + Direction of Traffic



TEMPORARY RAILROAD CROSSING BUFFER SPACE EXTENSION



TEMPORARY LANE SHIFT TO SHOULDER WHEN WORK AREA ENCROACHES ON THE CENTERLINE

SPECIAL CONDITIONS

Cross Reference:
1. See General Note #1, Sheet 1 for more information.

SPECIAL CONDITIONS

LAST REVISION 01/01/16	REVISION	DESCRIPTION:	FDOT FY 2017-18 DESIGN STANDARDS	TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY	INDEX NO. 603	SHEET NO. 3 of 3

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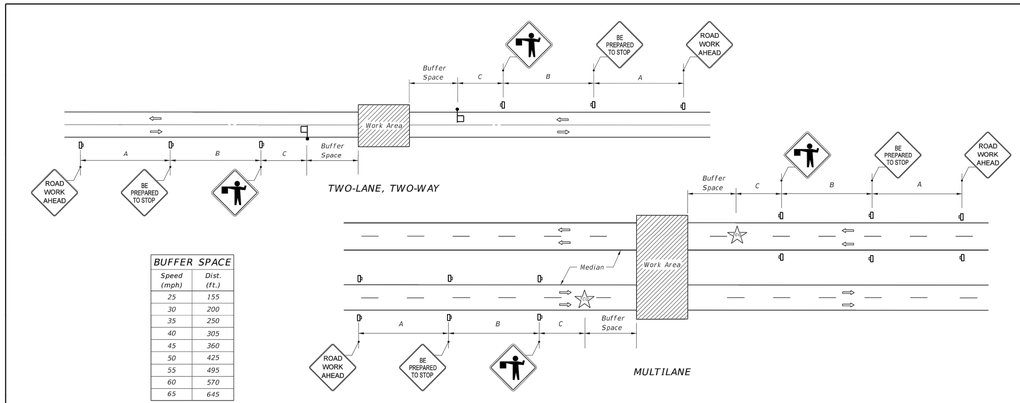

BUFFER SPACE	
Speed (mph)	Dist. (ft.)
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645

DISTANCE BETWEEN SIGNS			
Speed (mph)	Spacing (ft.)		
	A	B	C
40 or less	200	200	200
45	350	350	350
50 or greater	500	500	500

SYMBOLS

Work Area

Work Zone Sign

Flagger

Traffic Control Officer

Lane Identification + Direction of Traffic

GENERAL NOTES

1. This Index does not apply to limited access facilities.
2. When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with applicable TCZ Indexes.
3. Traffic volume or complexity of the roadway may dictate additional devices, signs, flagmen and/or a traffic control officer.
4. The buffer space may be omitted if there are no sight obstructions to vehicles approaching the Flagger/Officer for distance equal to the buffer space.
5. A Flagger may be substituted for a Traffic Control Officer and the BE PREPARED TO STOP sign may be omitted, when the following conditions are met:
   a. Speed limit is 45 mph or less.
   b. No sight obstructions to vehicles approaching the Flagger/Officer for a distance equal to the buffer space.
   c. Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.
6. On undivided highways the median sign as shown are to be omitted.
7. For general TCZ requirements and additional information refer to FDOT Index No. 600.

CONDITIONS

PLANNED CLOSURE NOT EXCEEDING 5 MINUTES.

LAST REVISION 07/01/15	REVISION	DESCRIPTION:	FDOT FY 2017-18 DESIGN STANDARDS	TEMPORARY ROAD CLOSURE 5 MINUTES OR LESS	INDEX NO. 625	SHEET NO. 1 of 1

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NOTES:
1. THE CONTRACTOR SHALL ENSURE DEMOLITION WITHIN THE CITY RIGHT OF WAY IS COORDINATED WITH THE CITY FOR MOT PLAN APPROVAL
2. CONTRACTOR SHALL OBTAIN CITY APPROVAL OF PROPOSED MOT PLAN PRIOR TO ALL WORK WITHIN CITY OF PENSACOLA RIGHT OF WAY. COORDINATE MOT WITH BRAD HINOTE (BRADHINOTE@CITYOFPENSACOLA.COM) AND RYAN NOVOTA (RNOVOTA@CITYOFPENSACOLA.COM)

DO NOT SCALE DRAWINGS

CALDWELL ASSOCIATES | ARCHITECTS
116 N TARRAGONA STREET, PENSACOLA, FL 32502
(850) 432 9500 | CALDWELL-ASSOC.COM
License No: AA26000721 | License No: IB0000995

PROJECT ISSUES:

SCHEMATIC DESIGN	07/13/17
DESIGN DEVELOPMENT	10/13/17
50% SUBMITTAL	12/22/17
90% SUBMITTAL	02/28/18
PERMIT SET	03/20/18

⚠ ADDENDUM A 4/25/2018

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PLUMBING/FIRE PROTECTION
H.M. Yonge & Associates
MECHANICAL
H.M. Yonge & Associates
ELECTRICAL/FIRE ALARM
Klocke & Associates
TELECOMMUNICATION/SECURITY
Klocke & Associates
AUDIO-VISUAL
Walthall & Associates
FOOD SERVICES
Camacho Foodservice Design

PROJECT:

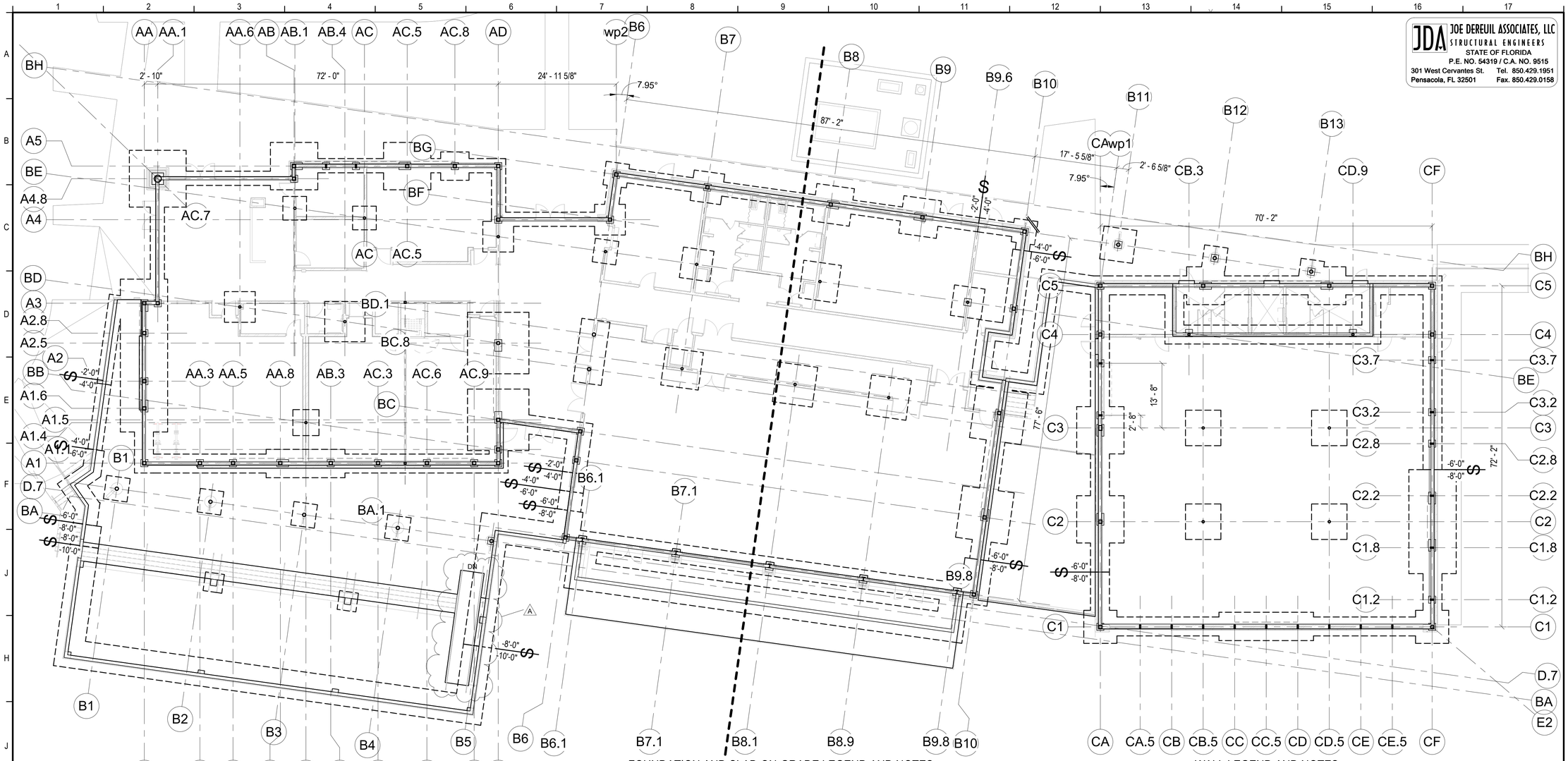
BAYVIEW COMMUNITY RESOURCE CENTER

PENSACOLA THE UPSIDE of FLORIDA

2001 E. LLOYD ST PENSACOLA, FLORIDA 32503

PROJECT NO. : 2416
SHEET TITLE:
FDOT STANDARD DETAILS

SHEET NUMBER:
⚠ **C801**
PERMIT SET



OVERALL FOUNDATION & SLAB-ON-GRADE PLAN

1 / S100 — 3/32" = 1'-0"

T.O.SLAB REF. ELEV: 0'-0" U.N.O.; REF. EL: 0'-0" = ELEV: 17.00'

FOUNDATION SCHEDULE					
FOOTING TYPE	LENGTH	WIDTH	THICKNESS	TOP REINFORCING	BOTTOM REINFORCING
F4.0	4' - 0"	4' - 0"	1' - 0"	(4) #4 E.W.	(4) #5 E.W.
F5.0	5' - 0"	5' - 0"	1' - 0"	(5) #4 E.W.	(5) #5 E.W.
F5.5	5' - 6"	5' - 6"	1' - 0"	(6) #4 E.W.	(6) #5 E.W.
F6.0	6' - 0"	6' - 0"	1' - 0"	(6) #4 E.W.	(6) #5 E.W.
F6.0x13.5	6' - 0"	13' - 6"	1' - 0"	(14) #4 S.W. & (7) #6 L.W.	(14) #5 S.W. & (7) #7 L.W.
F6.5	6' - 6"	6' - 6"	1' - 2"	(7) #4 E.W.	(7) #5 E.W.
F7.0	7' - 0"	7' - 0"	1' - 2"	(7) #4 E.W.	(7) #5 E.W.
F7.5	7' - 6"	7' - 6"	1' - 4"	(8) #4 E.W.	(8) #5 E.W.
F8.0	8' - 0"	8' - 0"	1' - 4"	(9) #4 E.W.	(9) #5 E.W.
F8.5	8' - 6"	8' - 6"	1' - 6"	(9) #4 E.W.	(9) #6 E.W.
F10.0	10' - 0"	10' - 0"	1' - 8"	(10) #4 E.W.	(10) #6 E.W.
F11.0	11' - 0"	11' - 0"	1' - 10"	(11) #5 E.W.	(11) #7 E.W.
F12.0	12' - 0"	12' - 0"	2' - 0"	(12) #5 E.W.	(12) #7 E.W.
F13.0	13' - 0"	13' - 0"	2' - 2"	(13) #5 E.W.	(13) #7 E.W.
WF3.0	SEE PLAN	3' - 0"	1' - 0"	(3) #4 CONT. & #4 @ 12" O.C. S.W.	(3) #4 CONT. & #4 @ 12" O.C. S.W.
WF4.0	SEE PLAN	4' - 0"	1' - 0"	(4) #4 CONT. & #4 @ 12" O.C. S.W.	(4) #4 CONT. & #4 @ 12" O.C. S.W.
WF5.0	SEE PLAN	5' - 0"	1' - 0"	(5) #4 CONT. & #4 @ 12" O.C. S.W.	(5) #4 CONT. & #4 @ 12" O.C. S.W.
WF6.0	SEE PLAN	6' - 0"	1' - 6"	(6) #6 CONT. & #4 @ 12" O.C. S.W.	(6) #8 CONT. & #4 @ 12" O.C. S.W.
WF10.0	SEE PLAN	10' - 0"	1' - 6"	(10) #6 CONT. & #4 @ 12" O.C. S.W.	(10) #8 CONT. & #6 @ 8" O.C. S.W.

NOTES:
1. TOP OF FOOTING REF. ELEVATION: -2'-0" (U.N.O.)
2. T.O.F.:X'-X" = TOP OF FOOTING REF. ELEVATION (WHERE NOTED ON PLAN)

FOUNDATION AND SLAB-ON-GRADE LEGEND AND NOTES

LEGEND

4" SLAB	=	4" MINIMUM THICKNESS SLAB-ON-GRADE REINFORCED WITH WWF 6x6 W2.0xW2.0 WITH 3" CLR. POSITIVE SUPPORT FROM BOTTOM OF SLAB. SLAB SHALL BE PLACED OVER A VAPOR BARRIER AND CAPILLARY BREAK AS INDICATED IN THE GENERAL NOTES SECTION 2.08 ON SHEET S-001.
4" SLAB***	=	STAMPED CONCRETE SLAB (REFER TO ARCH. FOR FINISH). 4" MINIMUM THICKNESS SLAB-ON-GRADE REINFORCED WITH WWF 6x6 W2.0xW2.0 WITH 3" CLR. POSITIVE SUPPORT FROM BOTTOM OF SLAB. SLAB SHALL BE PLACED OVER A VAPOR BARRIER AND CAPILLARY BREAK AS INDICATED IN THE GENERAL NOTES SECTION 2.08 ON SHEET S-001. SEE CIVIL FOR TOP OF SLAB ELEVATIONS.
RCP'X'	=	REINFORCED CONCRETE PIER FROM TOP OF FOOTING; SEE SECTIONS FOR TOP OF PIER REF. ELEV FOR COLUMN BEARING. SEE DETAILS ON S503 FOR PIER SIZE AND PIER REINFORCING.
TS3.0	=	3'-0" SQ. X 12" THICKENED SLAB; REINFORCED WITH (3) #4 EACH WAY BOTTOM
S.C.J.	=	SAWN CONTRACTION JOINT OR CONSTRUCTION JOINT; CONTRACTOR'S OPTION U.N.O. PLACE S.C.J. AT 15'-0" O.C. MAXIMUM SPACING, TYPICAL
-X'-X"	=	SLAB DEPRESSION; SEE PLAN FOR DEPRESSION EXTENTS AND DEPRESSION DEPTH BELOW REF. EL: 0'-0"
TOP OF FTG. ELEV. -X'-X"	=	(2) #4x4'-0" RE-ENTRANT CRACK CONTROL REINF. WITH 1" CLEAR TO TOP OF SLAB, TYPICAL WHERE SHOWN.
-X'-X"	=	FOUNDATION STEP LOCATION; SEE 3/S50-01 FOR TYPICAL DETAIL. STEP FOUNDATIONS AS REQUIRED TO MAINTAIN 1'-0" MINIMUM GRADE COVER OVER TOP OF FOUNDATION.

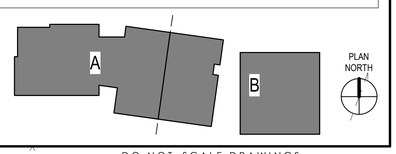
COLUMN SCHEDULE					
MARK	SIZE	MARK	SIZE	MARK	SIZE
HSS6	HSS6X0.250 (ROUND)	HSS8X8	HSS8X8X1/4	HSS5X5	HSS5X5X3/16
HSS8	HSS8.625X0.250 (ROUND)	HSS9X3	HSS9X3X5/16	W8	W8X67
HSS18	HSS18X0.500 (ROUND)	HSS12X8	HSS12X8X1/4		

WALL LEGEND AND NOTES

NOTE: RCW8 TO BE USED FOR FOUNDATION STEM WALLS AND RETAINING WALLS, (U.N.O.).

RCW8	=	8" THICK CAST-IN-PLACE CONCRETE WALL. UNLESS NOTED OTHERWISE, WALL SHALL BE REINFORCED WITH #4 AT 12" O.C. EACH WAY IN CENTER OF WALL. PROVIDE ADDITIONAL REINFORCING AS OUTLINED IN THE GENERAL NOTES, TYPICAL DETAILS AND SECTIONS IN THESE DRAWINGS.
RCW8A	=	8" THICK CAST-IN-PLACE CONCRETE WALL. UNLESS NOTED OTHERWISE, WALL SHALL BE REINFORCED WITH #6 AT 12" O.C. VERTICAL AND #4 AT 12" O.C. HORIZONTAL IN CENTER OF WALL. PROVIDE ADDITIONAL REINFORCING AS OUTLINED IN THE GENERAL NOTES, TYPICAL DETAILS AND SECTIONS IN THESE DRAWINGS.
RCW12	=	12" THICK CAST-IN-PLACE CONCRETE WALL. UNLESS NOTED OTHERWISE, WALL SHALL BE REINFORCED WITH #4 AT 12" O.C. EACH WAY AT EACH FACE OF WALL. PROVIDE ADDITIONAL REINFORCING AS OUTLINED IN THE GENERAL NOTES, TYPICAL DETAILS AND SECTIONS IN THESE DRAWINGS.
	=	VERTICAL CONCRETE WALL CONTROL JOINT LOCATION (24 FT MAXIMUM SPACING); SEE TYPICAL DETAILS ON S502

WALL FINISH: EXPOSED CONCRETE WALLS TO RECEIVE ACI CLASS A FINISH; SEE SPECIFICATIONS AND SEE ARCH. DRAWINGS FOR ADDITIONAL FINISH REQUIREMENTS AND WALL PATTERN; COORDINATE VERTICAL CONCRETE WALL CONTROL JOINT LOCATIONS WITH ARCHITECTURAL WALL PATTERN.



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PROJECT ISSUES:

SCHEMATIC DESIGN	07/13/17
DESIGN DEVELOPMENT	10/13/17
50% SUBMITTAL	12/22/17
90% SUBMITTAL	02/28/18
PERMIT SET	03/20/18

A ADDENDUM A 4/25/2018

PROJECT TEAM:

CIVIL
Kenneth Horne & Associates, Inc.
STRUCTURAL
Joe DeReuil Associates, LLC
ARCHITECTURAL/INTERIOR DESIGN
Caldwell Associates
FIRE PROTECTION
H.M. Yonge & Associates
PLUMBING
H.M. Yonge & Associates
MECHANICAL
H.M. Yonge & Associates
ELECTRICAL
Klocke & Associates
TELECOMMUNICATION/SECURITY
Klocke & Associates
AUDIO-VISUAL
Walthall & Associates
FOOD SERVICES
Camacho Foodservice Design

PROJECT:

BAYVIEW COMMUNITY RESOURCE CENTER

The City of PENSACOLA

2000 E. LLOYD ST PENSACOLA, FL 32503

ENGINEER'S SEAL

LOUIS J. DEREUIL, P.E.
FL PE 54319

PROJECT NO. : 2416
SHEET TITLE:
FOUNDATION & SLAB-ON-GRADE PLAN - OVERALL

SHEET NUMBER:

S100

PERMIT SET

PRINT DATE: 4/24/2018 9:54:17 AM

DO NOT SCALE DRAWINGS

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FOOD SERVICES
Camacho Foodservice Design

PROJECT:
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The City of PENSACOLA

**2000 E. LLOYD ST
PENSACOLA, FL
32503**

ENGINEER'S SEAL

LOUIS J. DEREUIL, P.E.
FL PE 54319

PROJECT NO. : 2416
SHEET TITLE:
FOUNDATION PLAN - AREA A

SHEET NUMBER:
S101

PERMIT SET

1 S101 FOUNDATION PLAN - AREA A
1/8" = 1'-0"

SHEET NOTES:
1. SEE SHEET S100 FOR FOUNDATION AND SLAB-ON-GRADE SCHEDULES, LEGENDS AND NOTES

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FOOD SERVICES
Camacho Foodservice Design

PROJECT:
BAYVIEW COMMUNITY RESOURCE CENTER

The City of PENSACOLA

2000 E. LLOYD ST PENSACOLA, FL 32503

ENGINEER'S SEAL

LOUIS J. DEREUIL, P.E.
FL PE 54319

PROJECT NO. : 2416
SHEET TITLE:
SLAB-ON-GRADE PLAN - AREA A

SHEET NUMBER:
S101.5

PERMIT SET

1 S101.5 SLAB-ON-GRADE PLAN - AREA A
1/8" = 1'-0"

SHEET NOTES:

1. SEE SHEET S100 FOR FOUNDATION AND SLAB-ON-GRADE SCHEDULES, LEGENDS AND NOTES

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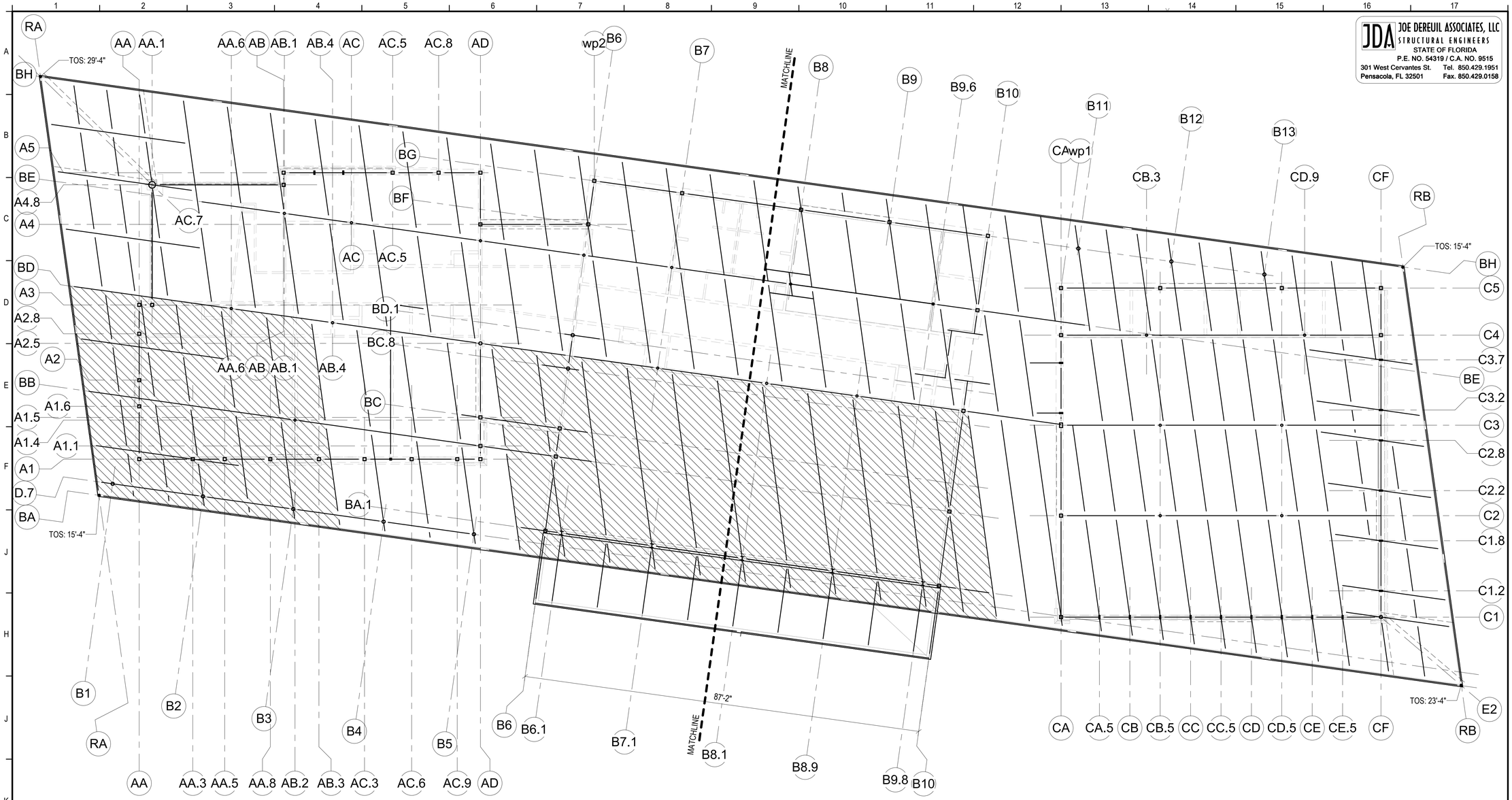
PLAN NORTH



OVERALL ROOF FRAMING PLAN

1 / S120 — 3/32" = 1'-0"

ROOF FRAMING GEOMETRY AND DETAILING NOTE

THE SHAPE OF THE ROOF IS A HYPERBOLIC PARABOLOID. THE TOP OF STEEL ELEVATIONS FOR THE (4) CORNERS OF THE ROOF ARE SHOWN ON PLAN. THE LOCATION AND ORIENTATION OF THE STEEL FRAMING MEMBERS HAVE BEEN DRAWN TO FOLLOW THE HYPERBOLIC PARABOLOID ROOF SHAPE; STEEL DETAILER TO PROVIDE TOP OF STEEL ELEVATIONS TO FOLLOW THIS SHAPE.

TOP OF STEEL BEAM ELEVATION SHALL BE AT BOTTOM OF DECK; UNLESS NOTED OTHERWISE.

REVIT MODEL IS AVALIABLE UPON REQUEST TO ASSIST WITH STEEL DETAILING.

A

ROOF FRAMING NOTES AND LEGEND

NOTES:

1. ALL EXPOSED EXTERIOR STEEL FRAMING AND BRACES TO RECEIVE HIGH PERFORMANCE PAINT SYSTEM AND COMPLY WITH ARCHITECTURALLY EXPOSED STEEL SPECIFICATION, SEE SPECIFICATIONS 09 96 00 AND 05 12 13. PRIMARY LOCATIONS OF EXPOSED EXTERIOR STEEL FRAMING INCLUDE: EXTERIOR COLUMNS, PREIMETER ROOF EDGE HSS BEAMS, AND ROUND BRACES AT CORNERS OF BUILDING. REVIEW ARCHITECTURAL DRAWINGS FOR ADDITIONAL EXPOSED STEEL FRAMING.

2. PROVIDE LOOSE LAID LINTELS AT ALL OPENINGS REQUIRING BRICK SUPPORT ABOVE OPENING PER FOLLOWING SCHEDULE:
   OPENING WIDTH UP TO 4'-0": (GALV.) L7X4X3/8 (LLH)
   OPENING WIDTH UP TO 7'-0": (GALV.) 7"X7"X3/8" BENT PLATE
   LINTEL NOTES: -LOOSE LAID LINTEL ARE NOT REQUIRED WHERE PLATE SUPPORTS ARE SHOWN IN ELEVATIONS
   -LOOSE LAID LINTELS TO BEAR 8" AT EACH JAMB

3. EXTERIOR WALL FRAMING SHALL BE 10" 18 GA. (MIN.) METAL STUDS AT 16" O.C., U.N.O.; FINAL WALL FRAMING DESIGN BY DELEGATED LIGHT GAGE DESIGNER; SEE GENERAL NOTES AND SPECIFICATION FOR ADDITIONAL INFORMATION.

4. EXTERIOR SOFFIT FRAMING SHALL BE 6" 18 GA. (MIN.) METAL STUDS AT 16" O.C., U.N.O.; FINAL SOFFIT FRAMING DESIGN BY DELEGATED LIGHT GAGE DESIGNER; SEE GENERAL NOTES AND SPECIFICATION FOR ADDITIONAL INFORMATION.

LEGEND

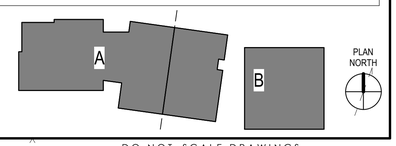
SPAN DIRECTION = 3" TYPE N 20 GA VULCRAFT OR EQUIVALENT (TH= 0.0358 in, I= 0.848 in^4/ft) ROOF DECK.
INSTALLATION/ATTACHMENT:
SUPPORT FASTENERS: SIMPSON XLQ114T1224
SIDELAP FASTENERS: SIMPSON XU34S1016
FASTENER LAYOUT:
ZONES 1, 2 & 3: XLQ114T1224 @ 24/4 PATTERN
SIDELAP FASTENER SPACING: 12" O.C.

SPAN DIRECTION: PARALLEL TO TYPE N DECK SPAN DIRECTION = EPICORE ER3.5A - 20 GA DECK OR EQUIVALENT (TH= 0.0358 in, I= 1.54 in^4/ft) ROOF DECK.
INSTALLATION/ATTACHMENT:
SUPPORT FASTENERS: 1/2" DIA. (EFFECTIVE) ARC SPOT WELDS
SIDELAP FASTENERS: 1.5" LONG ARC SEAM WELDS OF 2.0" LONG FILLET WELDS
FASTENER LAYOUT:
ZONES 1, 2 & 3: 1/2" DIA. (EFFECTIVE) ARC SPOT WELDS @ 24/4 PATTERN
SIDELAP FASTENER SPACING: 12" O.C.

▶ = MOMENT CONNECTION; SEE STEEL DETAILS ON S420
(LOW) = TOP OF STEEL BEAM ELEVATION: (BOTTOM OF DECK - 16")
BR-L4 = L4X4X1/4 BRACE AT TOP OF COLUMN; SEE DETAIL 3/S421
= TOP OF COLUMN = (BOTTOM OF DECK - 16")

HSS20X8 = HSS20X8X5/16 (LLV)
HSS18X6 = HSS18X6X5/16 (LLV)
HSS16X4 = HSS16X4X5/16 (LLV)
= TOP OF COLUMN = BOTTOM OF DECK

W16 = W16X26
W12 = W12X14
W8 = W8X10



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A ADDENDUM A 4/25/2018

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Camacho Foodservice Design

PROJECT:

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The City of PENSACOLA

2000 E. LLOYD ST PENSACOLA, FL 32503

ENGINEER'S SEAL

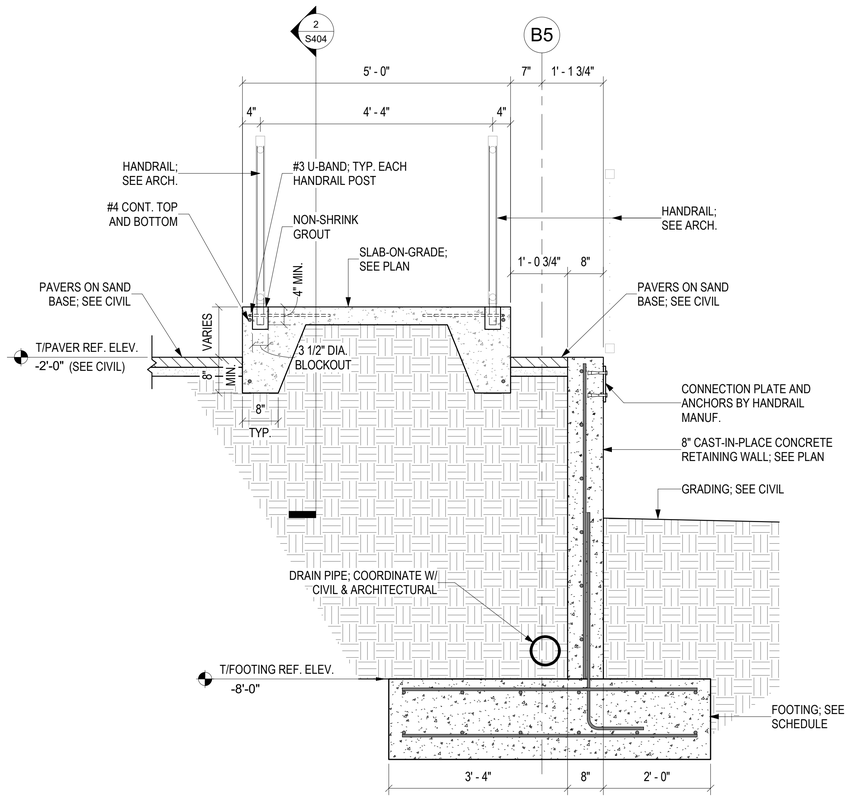
LOUIS J. DEREUIL, P.E.
FL PE 54319

PROJECT NO. : 2416
SHEET TITLE:
ROOF FRAMING PLAN - OVERALL

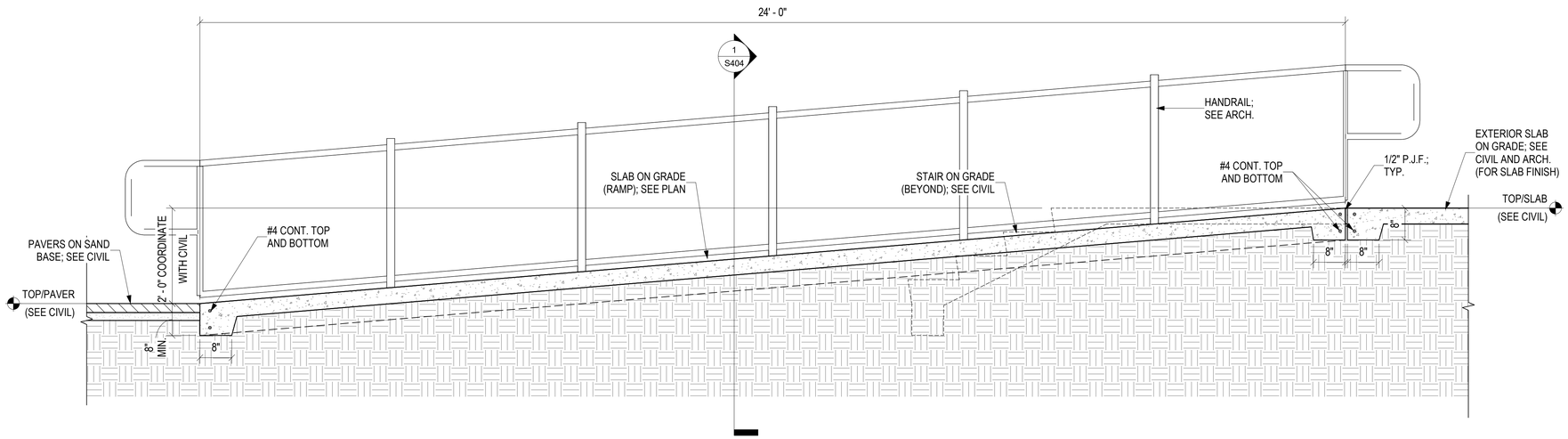
SHEET NUMBER:

S120

PERMIT SET



1 S404 SECTION AT RAMP
3/4" = 1'-0"



2 S404 SECTION AT RAMP 2
3/4" = 1'-0"

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The City of PENSACOLA

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ENGINEER'S SEAL

LOUIS J. DEREUIL, P.E.
FL PE 54319

PROJECT NO. : 2416
SHEET TITLE:
FOUNDATION SECTIONS AND DETAILS

SHEET NUMBER:
S404
A
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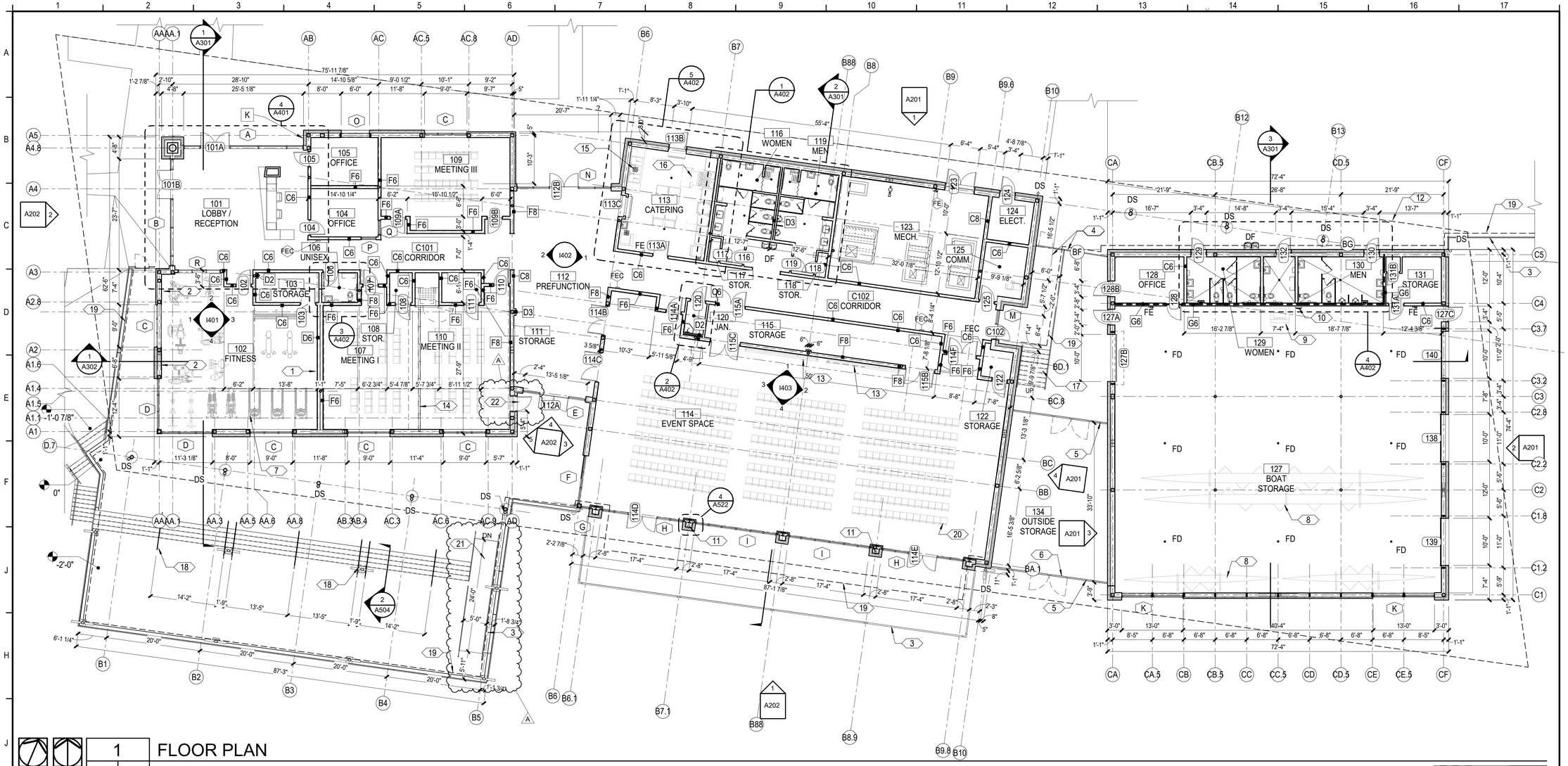

1 FLOOR PLAN

TRUE NORTH | PROJECT NORTH | A201 | A101

3/32" = 1'-0"

8' 4' 0' 8' 16'

KEYNOTES

1. (5) CONTINUOUS 5'-0" WIDE BY 7'-0" TALL 1/4" PLATE MIRRORS WITH 1" STAINLESS STEEL TRIM FINISH. SECURE TO WALL AND MOUNT 24" AFF.
2. 5'-0" WIDE BY 7'-0" TALL 1/4" SAFETY GLASS MIRROR WITH 1" FINISH WITH STAINLESS STEEL FRAME, SECURE TO WALL AND MOUNT 24" AFF
3. 42" HIGH STAINLESS STEEL CABLE RAILING SYSTEM WITH PREFINISHED METAL COMPONENTS
4. 3'-0" WIDE PREFINISHED DECORATIVE ALUMINUM GATE
5. PREFINISHED DECORATIVE ALUMINUM FENCE AND GATES
6. PAIR OF 3'-0" WIDE DOUBLE PREFINISHED DECORATIVE ALUMINUM GATE WITH LOCKS, PROVIDE EXTRA HEAVY DUTY 3/4" VERTICAL THROUGH BOLT PROVIDE RECEIVER AT STRIP FOOTING, SEE CIVIL.
7. EXERCISE EQUIPMENT, NIC
8. BOAT STORAGE SYSTEM, NIC
9. HIGH CAPACITY ICE MAKER, SEE FOOD SERVICES DRAWINGS
10. WALL MOUNTED BOTTLE FILLER, SEE PLUMBING
11. INTERNAL PIPED DOWNSPOUT, SEE PLUMBING AND CIVIL
12. CONCRETE PAVEMENT; SEE CIVIL

KEYNOTES

13. WALL MOUNTED PROJECTION SCREEN, SEE AV DRAWINGS
14. STC 45 RATED MOVEABLE PARTITION, SEE FINISH SCHEDULE
15. STAINLESS STEEL 3 COMPARTMENT SINK, SEE FOOD SERVICE DRAWINGS
16. FOOD SERVICE EQUIPMENT, SEE FOOD SERVICE DRAWINGS
17. CAST-IN-PLACE CONCRETE STAIR WITH PRE-FINISHED ALUMINUM RAILING, SEE DETAILS ON SHEET A504
18. 1 1/2" DIAMETER ALUMINUM FREE STANDING RAILING. SEE SHEET A504
19. WATERPROOF MEMBRANE BELOW GRADE ON FACE OF RETAINING WALLS - TIE INTO WATERPROOFING BELOW SLAB AND FOOTINGS, AS INDICATED ON BUILDING AND WALL SECTIONS. PROVIDE PERFORATED HDPE PIPE WITH DRAIN SOCK SET IN CLEAN GRAVEL FILL AND CONNECT TO STORM DRAINAGE SYSTEM AS INDICATED ON CIVIL DRAWINGS.
20. ~~FURNITURE, N.I.C.~~
21. ACCESSIBLE CONCRETE RAMP WITH 1:12 SLOPE MAXIMUM. CONCRETE TO HAVE A CW-3 FINISH. PROVIDE A HR-2 SIMPLE HANDRAIL ON BOTH SIDES OF RAMP.
22. INSULATED, GALVANIZED , 3'-0"X7'-0" HOLLOW METAL DOOR AND FRAME, PAINTED; PROVIDE EMERGENCY EGRESS ONLY HARDWARE

LEGEND

	METAL STUD FRAMING; SEE WALL TYPES OR DETAILS FOR MORE INFORMATION
DF	HI / LO DRINKING FOUNTAIN, SEE PLUMBING DRAWINGS
FEC	FIRE EXTINGUISHER CABINET; SEMI-RECESSED
FE	FIRE EXTINGUISHER; WALL HUNG
K	KNOX BOX;FULLY RECESSED; CONTRACTOR TO COORDINATE WITH FIRE MARSHAL FOR EQUIPMENT AND LOCATION

GENERAL NOTES

1. REFER TO WALL TYPE SHEET FOR MORE INFORMATION
2. CONTRACTOR SHALL COORDINATE WITH ALL TRADES PRIOR TO COMMENCING WORK.
3. COORDINATE WITH MECHANICAL, PLUMBING, ELECTRICAL, TELECOM AND SECURITY PRIOR TO COMMENCING ANY WORK.
4. SEE LIFE SAFETY PLAN FOR LOCATION OF FIRE EXTINGUISHERS
5. ALL FURNITURE N.I.C. UNLESS NOTED OTHERWISE.
6. STEEL STRUCTURE ON INTERIOR OF BUILDING, INCLUDING BEAMS, TRUSSES, BRACING, COLUMNS AND METAL DECKING SHALL BE PAINTED WHERE EXPOSED.
7. ALL STEEL STRUCTURE ON EXTERIOR OF BUILDING, WHERE CONCEALED AND WHERE EXPOSED SHALL BE PAINTED WITH HIGH PERFORMANCE COATING SYSTEM AS SPECIFIED.

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PROJECT:
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The City of PENSACOLA

2001 E. LLOYD ST PENSACOLA, FLORIDA 32503

ARCHITECT'S SEAL

H. MILLER CALDWELL, JR
AR 7462

PROJECT NO. : 2416
SHEET TITLE:
FLOOR PLAN

SHEET NUMBER:
A101

PERMIT SET

PRINT DATE: 4/20/2018 4:11:04 PM

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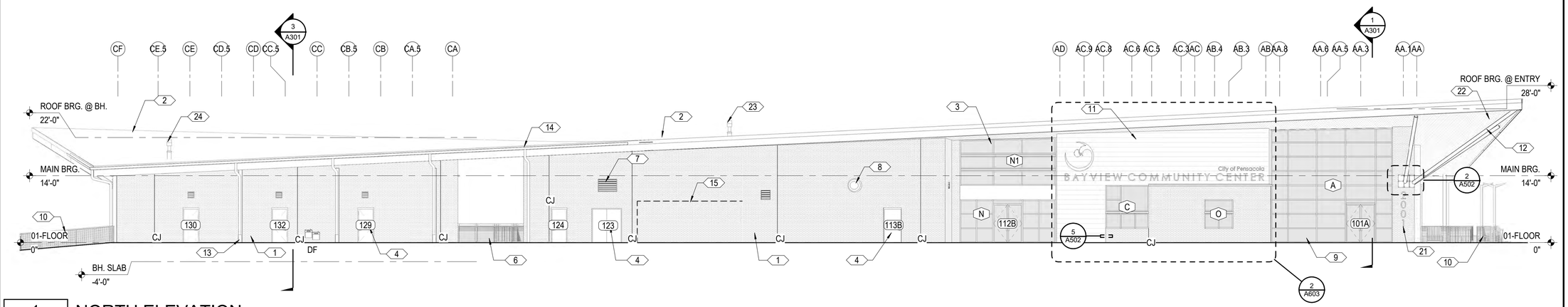
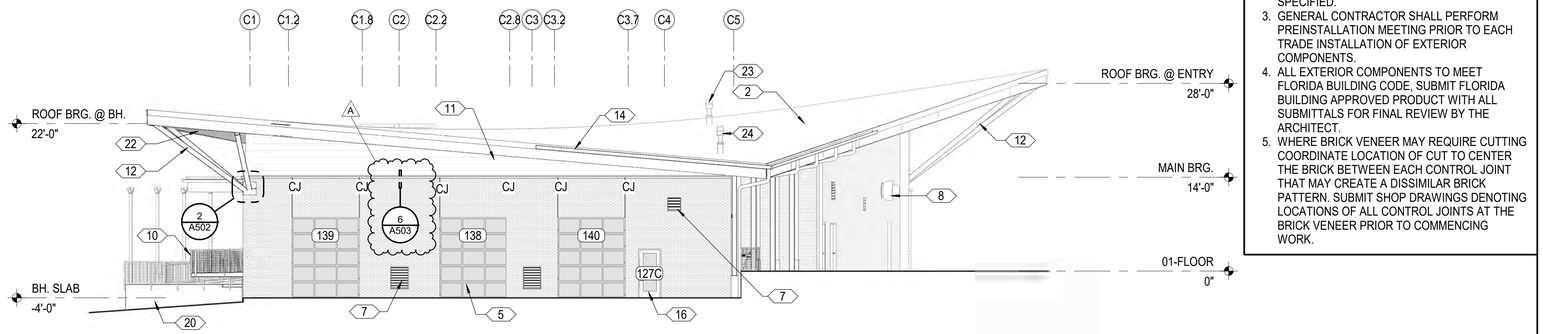


1 NORTH ELEVATION

A101 | A201 — 3/32" = 1'-0"

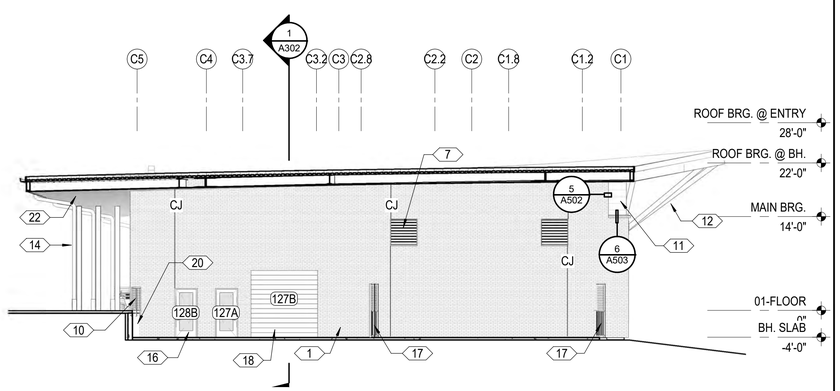
8' 4' 0' 8' 16'



2 EAST ELEVATION

A101 | A201 — 3/32" = 1'-0"

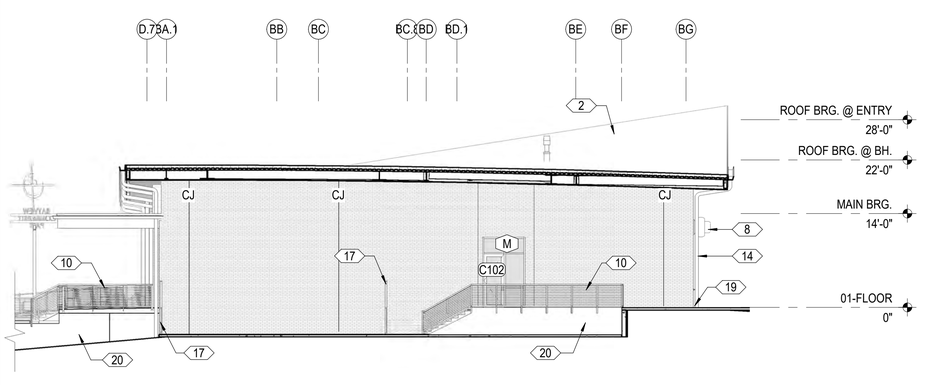
8' 4' 0' 8' 16'



3 EXT - STORAGE - EAST VIEW

A101 | A201 — 3/32" = 1'-0"

8' 4' 0' 8' 16'



4 EXT - STORAGE - WEST VIEW

A101 | A201 — 3/32" = 1'-0"

8' 4' 0' 8' 16'

GENERAL NOTES

1. SEE DETAILS FOR TYPICAL CONTROL JOINT DETAIL
2. SUBMIT PRODUCT LITERATURE, CERTIFICATIONS, TEST REPORTS & FULL MATERIAL SAMPLES OF EACH COLOR SPECIFIED.
3. GENERAL CONTRACTOR SHALL PERFORM PREINSTALLATION MEETING PRIOR TO EACH TRADE INSTALLATION OF EXTERIOR COMPONENTS.
4. ALL EXTERIOR COMPONENTS TO MEET FLORIDA BUILDING CODE, SUBMIT FLORIDA BUILDING APPROVED PRODUCT WITH ALL SUBMITTALS FOR FINAL REVIEW BY THE ARCHITECT.
5. WHERE BRICK VENEER MAY REQUIRE CUTTING COORDINATE LOCATION OF CUT TO CENTER THE BRICK BETWEEN EACH CONTROL JOINT THAT MAY CREATE A DISSIMILAR BRICK PATTERN. SUBMIT SHOP DRAWINGS DENOTING LOCATIONS OF ALL CONTROL JOINTS AT THE BRICK VENEER PRIOR TO COMMENCING WORK.

KEYNOTES

1	4" NOMINAL BRICK VENEER, SEE FINISH SCHEDULE
2	SINGLE PLY ROOFING MEMBRANE SYSTEM
3	PREFINISHED ALUMINUM STOREFRONT SYSTEM WITH IMPACT RATED GLAZING
4	INSULATED HOLLOW METAL DOOR AND FRAME AS SCHEDULED, PAINTED
5	PREFINISHED ALUMINUM SECTIONAL DOOR WITH IMPACT RATED GLAZING.
6	42" HIGH PREFINISHED DECORATIVE GUARD RAIL SYSTEM
7	PREFINISHED ALUMINUM LOUVERS, SEE FINISH SCHEDULE
8	EXHAUST FAN, SEE MECHANICAL
9	PREFINISHED ALUMINUM CURTAIN WALL SYSTEM WITH IMPACT RATED GLAZING
10	42" HIGH STAINLESS STEEL CABLE RAILING SYSTEM WITH PREFINISHED METAL COMPONENTS
11	PREFINISHED METAL WALL PANELS, SEE FINISH SCHEDULE
12	DIAGONAL STEEL BRACE, PAINTED; SEE STRUCTURAL
13	PREFINISHED CAST-ALUMINUM DOWNSPOUT BOOT, SEE CIVIL
14	PREFINISHED ALUMINUM GUTTER AND DOWNSPOUT, CONNECT TO STORM WATER, SEE CIVIL
15	MECHANICAL YARD FENCING, DASHED FOR CLARITY, SEE CIVIL
16	PREFINISHED ALUMINUM ENTRANCE DOOR SYSTEM WITH IMPACT RESISTANT GLAZING
17	PREFINISHED DECORATIVE ALUMINUM FENCE AND GATES
18	PREFINISHED INSULATED OVERHEAD COILING DOOR, SEE DOOR SCHEDULE
19	CONCRETE PAVING, SEE CIVIL DRAWINGS
20	EXPOSED CONCRETE RETAINING WALL, SEE STRUCTURAL
21	18" TALL, CENTURY GOTHIC FONT, 3-DIMENSIONAL CAST ALUMINUM LETTERING; ATTACHMENT PER MANUFACTURER RECOMMENDATIONS. SUBMIT COLOR SELECTION TO ARCHITECT.
22	PREFINISHED T&G WOOD SOFFIT/CEILING SYSTEM, SEE FINISH SCHEDULE
23	BOILER VENT STACK, SEE MECHANICAL
24	WATER HEATER VENT STACK, SEE MECHANICAL

CALDWELL ASSOCIATES | ARCHITECTS
116 N TARRAGONA STREET, PENSACOLA, FL 32502
(850) 432 9500 | CALDWELL-ASSOC.COM
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PROJECT ISSUES:

SCHEMATIC DESIGN	07/13/17
DESIGN DEVELOPMENT	10/13/17
50% SUBMITTAL	12/22/17
90% SUBMITTAL	02/28/18
PERMIT SET	03/20/18

A ADDENDUM A 4/25/2018

PROJECT TEAM:

CIVIL
Kenneth Horne & Associates, Inc.
STRUCTURAL
Joe DeReuil Associates, LLC
ARCHITECTURAL / INTERIOR DESIGN
Caldwell Associates
FIRE PROTECTION
H.M. Yonge & Associates
PLUMBING/FIRE PROTECTION
H.M. Yonge & Associates
MECHANICAL
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ELECTRICAL/FIRE ALARM
Klocke & Associates
TELECOMMUNICATION/SECURITY
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AUDIO-VISUAL
Walthall & Associates
FOOD SERVICES
Camacho Foodservice Design

PROJECT:

BAYVIEW COMMUNITY RESOURCE CENTER

The City of PENSACOLA

2001 E. LLOYD ST PENSACOLA, FLORIDA 32503

ARCHITECT'S SEAL

H. MILLER CALDWELL, JR
AR 7462

PROJECT NO. : 2416
SHEET TITLE:
ELEVATIONS

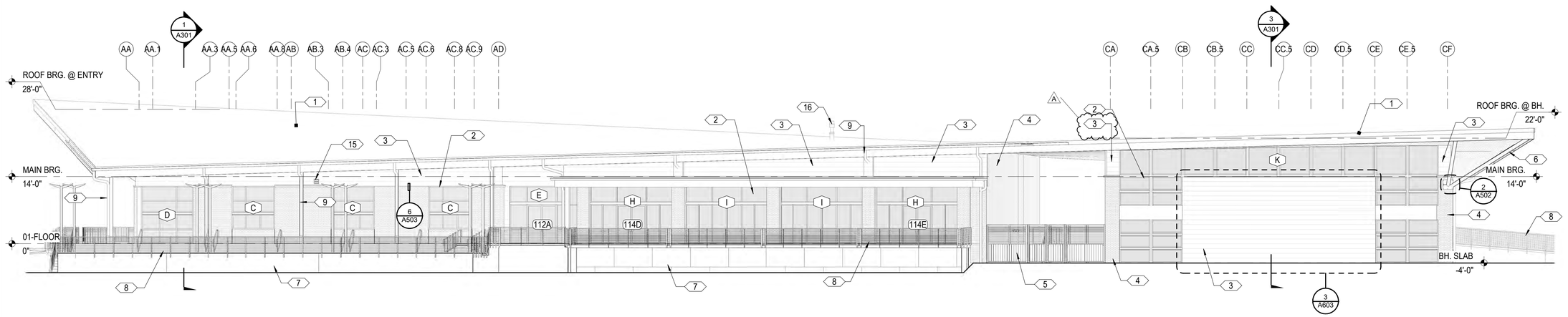
SHEET NUMBER:

A201

PERMIT SET

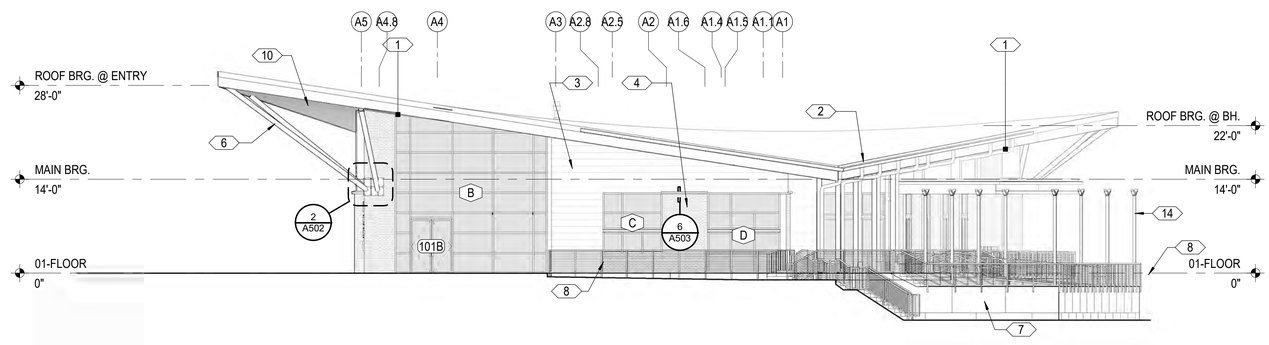
PRINT DATE: 4/25/2018 3:47:05 PM

DO NOT SCALE DRAWINGS



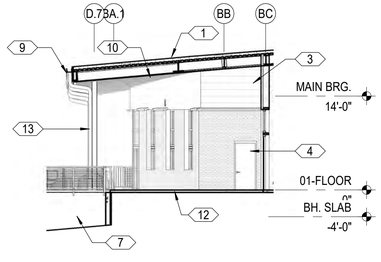
1	SOUTH ELEVATION	
A101	A202	3/32" = 1'-0"

8' 4' 0' 8' 16'



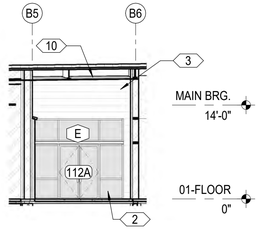
2	WEST ELEVATION	
A101	A202	3/32" = 1'-0"

8' 4' 0' 8' 16'



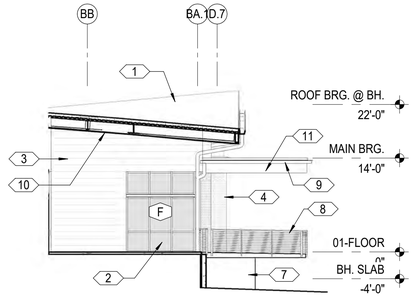
5	SOUTH ENTRY - WEST VIEW	
A101	A202	3/32" = 1'-0"

8' 4' 0' 8' 16'



4	SOUTH ENTRY - SOUTH VIEW	
A101	A202	3/32" = 1'-0"

8' 4' 0' 8' 16'



3	SOUTH ENTRY - EAST VIEW	
A101	A202	3/32" = 1'-0"

8' 4' 0' 8' 16'

GENERAL NOTES

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KEYNOTES

1	SINGLE PLY ROOFING MEMBRANE SYSTEM
2	PREFINISHED ALUMINUM STOREFRONT SYSTEM WITH IMPACT RATED GLAZING
3	PREFINISHED METAL WALL PANELS, SEE FINISH SCHEDULE
4	4" NOMINAL BRICK VENEER, SEE FINISH SCHEDULE
5	PREFINISHED DECORATIVE ALUMINUM FENCE AND GATES
6	DIAGONAL STEEL BRACE, PAINTED; SEE STRUCTURAL
7	EXPOSED CONCRETE RETAINING WALL, SEE STRUCTURAL
8	42" HIGH STAINLESS STEEL CABLE RAILING SYSTEM WITH PREFINISHED METAL COMPONENTS
9	PREFINISHED ALUMINUM GUTTER AND DOWNSPOUT, CONNECT TO STORM WATER, SEE CIVIL
10	PREFINISHED T&G WOOD SOFFIT/CEILING SYSTEM, SEE FINISH SCHEDULE
11	STEEL BEAM, PAINTED; SEE STRUCTURAL
12	CONCRETE PAVING, SEE CIVIL DRAWINGS
13	PAINTED STEEL COLUMN; SEE STRUCTURAL
14	LIGHT POLES, SEE ELECTRICAL
15	PREFINISHED ALUMINUM LOUVERS, SEE FINISH SCHEDULE
16	BOILER VENT STACK, SEE MECHANICAL

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The City of PENSACOLA

2001 E. LLOYD ST PENSACOLA, FLORIDA 32503

ARCHITECT'S SEAL

H. MILLER CALDWELL, JR
AR 7462

PROJECT NO. : 2416
SHEET TITLE:
ELEVATIONS

SHEET NUMBER:
A202

PERMIT SET

PRINT DATE: 4/25/2018 2:06:14 PM

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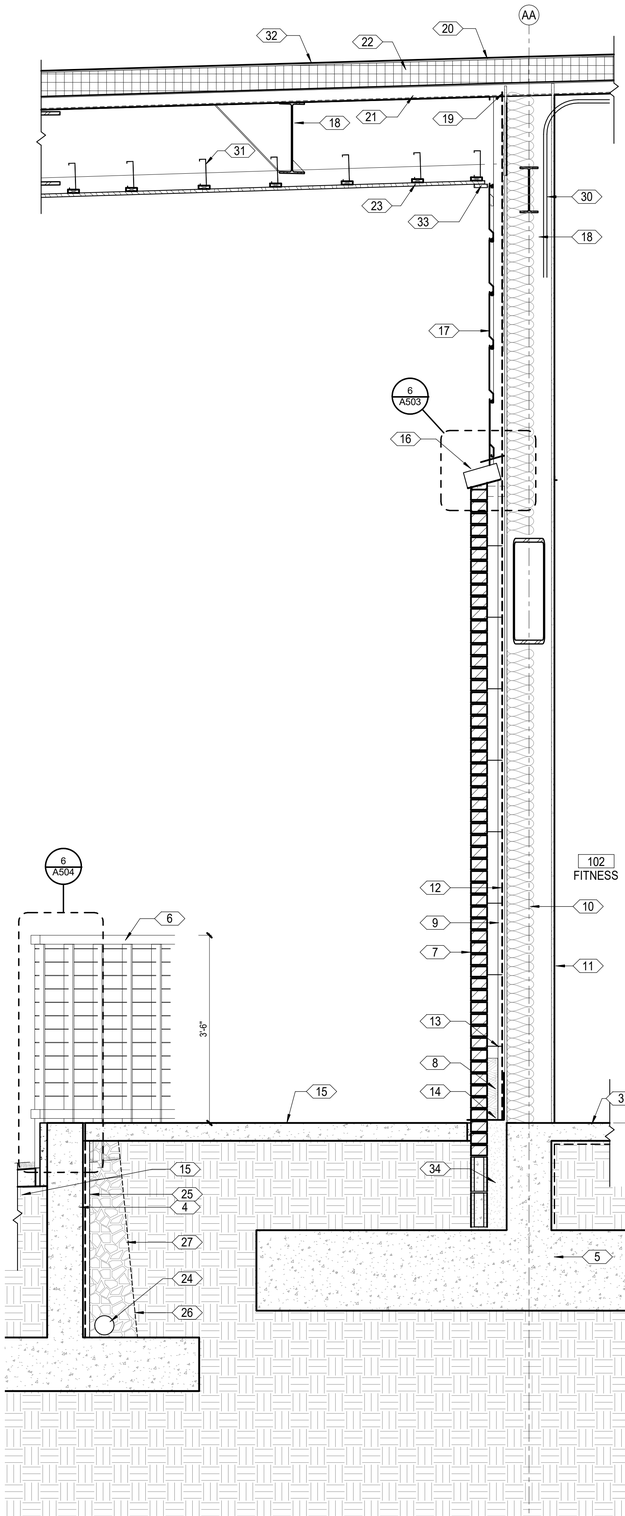
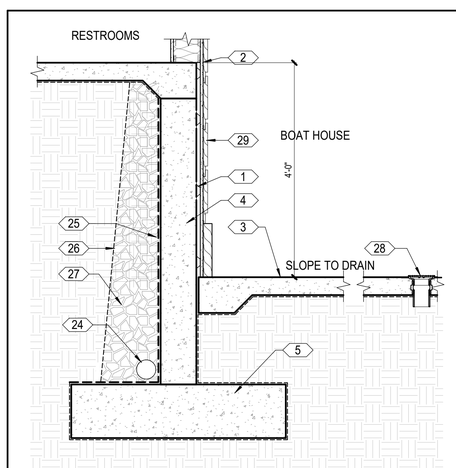


1 WALL SECTION

A302 | A313 — 3/4" = 1'-0"



2 RETAINING WALL

A301 | A313 — 3/4" = 1'-0"

KEYNOTES

1. 7/8" METAL HAT CHANNEL FURRING AT 16" O.C. MAX SPACING
2. EXTEND ASSEMBLY COMPONENTS TO SLAB AS SHOWN; MAINTAIN ANY RATING REQUIREMENTS
3. SLAB ON GRADE WITH VAPOR BARRIER; SEE STRUCTURAL
4. CAST-IN-PLACE CONCRETE RETAINING WALL; SEE STRUCTURAL
5. CONCRETE FOUNDATION, SEE STRUCTURAL
6. 36" HIGH STAINLESS STEEL CABLE RAILING SYSTEM
7. 4" NOMINAL BRICK VENEER, SEE FINISH SCHEDULE
8. MORTAR NET
9. R-7.5 RIGID INSULATION
10. UNFACED R-19 BATT INSULATION
11. 5/8" IMPACT RESISTANT GYPSUM BOARD
12. FLUID APPLIED AIR BARRIER
13. GALVANIZED ADJUSTABLE MASONRY TIES @ 16" O.C. VERTICALLY AND HORIZONTALLY
14. THRU-WALL FLASHING WITH WEEPS @ 24" O.C.
15. CONCRETE PAVING, SEE CIVIL DRAWINGS
16. ROWLOCK BRICK TRANSITION SILL
17. PREFINISHED METAL WALL PANELS, SEE FINISH SCHEDULE
18. STEEL BEAM, PAINTED; SEE STRUCTURAL
19. EXTEND FLUID APPLIED AIR BARRIER TO UNDERSIDE OF METAL DECK, FOLLOW MANUFACTURER'S INSTRUCTION FOR ADDITIONAL REINFORCING AT DISSIMILAR METALS
20. SINGLE PLY ROOFING MEMBRANE SYSTEM
21. METAL DECK; SEE STRUCTURAL
22. R-30 RIGID INSULATION
23. PREFINISHED T&G WOOD SOFFIT/CEILING SYSTEM, SEE FINISH SCHEDULE
24. 4" DIAMETER HDPE SOCK DRAIN, SEE STRUCTURAL AND CIVIL
25. (A) SHEET APPLIED WATERPROOF MEMBRANE WITH PROTECTION BOARD, SHEET A101 FOR LOCATION IN PLAN
26. FILTER FABRIC, SEE STRUCTURAL
27. LARGE GRAVEL, SEE STRUCTURAL
28. FLOOR DRAIN, SEE PLUMBING
29. WOOD COMPOSITE SIDING SYSTEM, SEE FINISH SCHEDULE
30. WHERE CONDUITS ARE EXPOSED TO INTERIOR ROOMS, INSTALL CONDUITS TIGHT TO THE STRUCTURE ABOVE AND AVOID EXTENDING CONDUITS PAST THE STRUCTURE TO LIMIT EXTENT OF EXPOSED CONDUITS ON THE WALL SURFACE, COORDINATE WITH ELECTRICAL DRAWINGS
31. LIGHT GAUGE METAL SOFFIT FRAMING SYSTEM - SEE STRUCTURAL
32. 1/2" COVER BOARD
33. PRE-FINISHED 1"X4" WOOD TRIM; PROVIDE CONTIN. BACKER ROD & SEALANT AT VERTICAL FACE. MATCH WOOD SOFFIT.
34. GROUT SOLID ALL CAVITIES BELOW GRADE

GENERAL NOTES

1. STEEL STRUCTURE ON INTERIOR OF BUILDING, INCLUDING BEAMS, TRUSSES, BRACING, COLUMNS AND METAL DECKING SHALL BE PAINTED WHERE EXPOSED.
2. ALL STEEL STRUCTURE ON EXTERIOR OF BUILDING, WHERE CONCEALED AND WHERE EXPOSED SHALL BE PAINTED WITH HIGH PERFORMANCE COATING SYSTEM AS SPECIFIED.
3. CONTRACTOR SHALL PERFORM PREINSTALLATION MEETINGS AND GIVE THE ARCHITECT 10 DAY NOTICE OF MEETINGS.

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ARCHITECT'S SEAL

H. MILLER CALDWELL, JR
AR 7462

PROJECT NO. : 2416
SHEET TITLE:
WALL SECTIONS

SHEET NUMBER:

A313

PERMIT SET

PRINT DATE: 4/25/2018 4:39:29 PM

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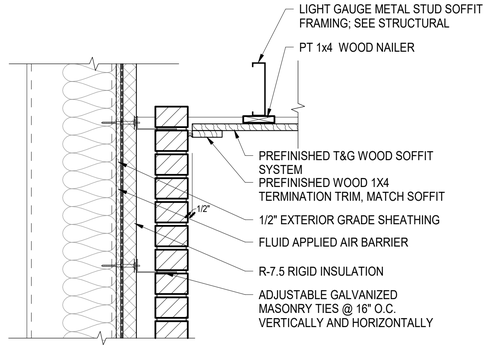
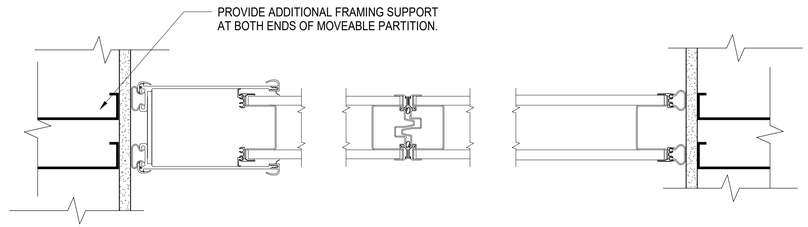
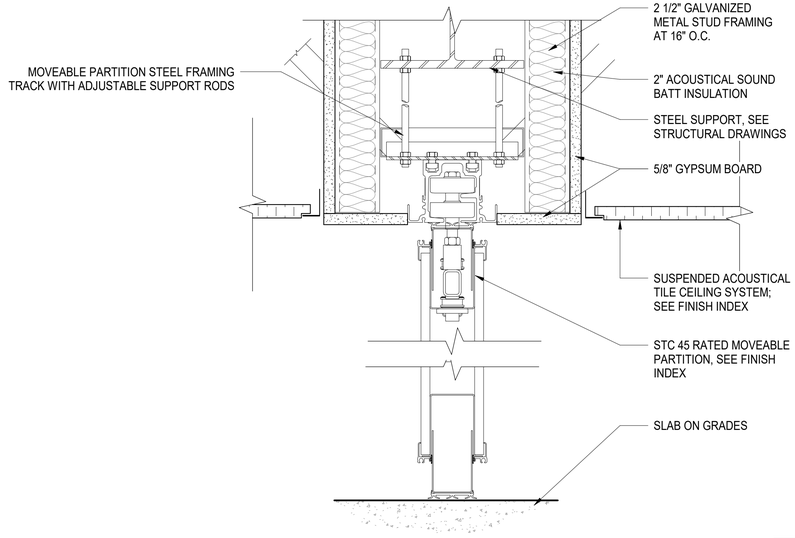


8 A503 — BRICK ROWLOCK TO METAL PANEL

1 1/2" = 1'-0"



PLAN VIEW

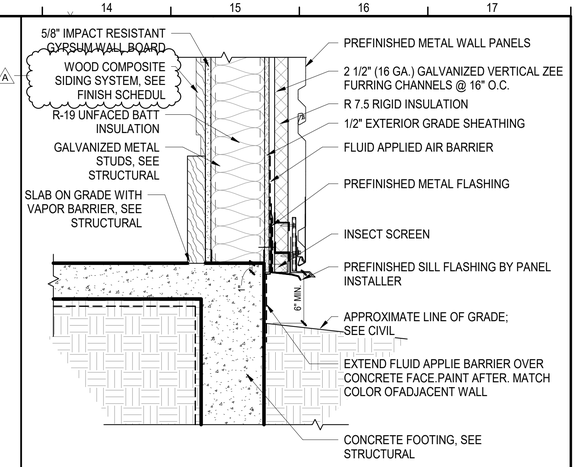


SECTION VIEW

GENERAL NOTE:
GENERAL CONTRACTOR TO COORDINATE WITH ALL TRADES PRIOR TO ERECTING STEEL SUPPORT PRIOR TO INSTALLATION.

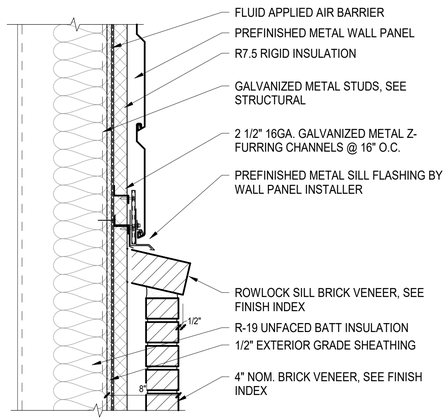
7 A102 | A503 — MOVEABLE PARTITION SECTION

3" = 1'-0"



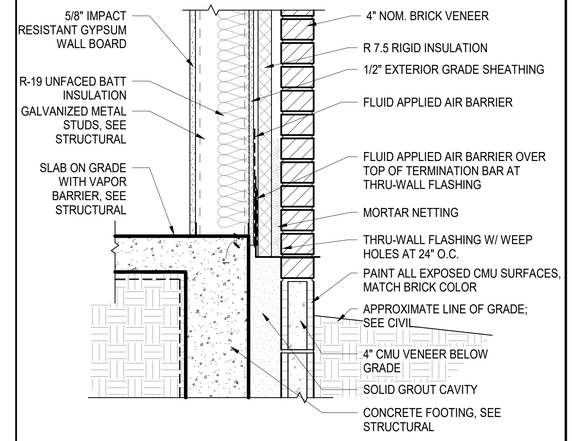
1 A311 | A503 — EXTERIOR WALL BASE DETAIL

1 1/2" = 1'-0"



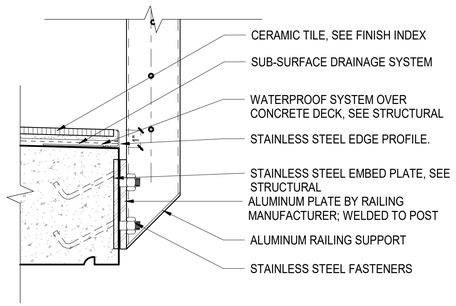
6 A201 | A503 — BRICK ROWLOCK TO METAL PANEL

1 1/2" = 1'-0"



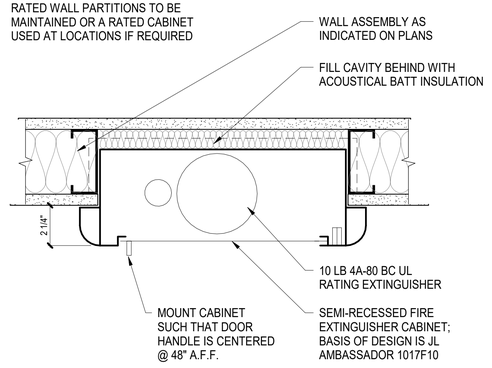
5 A503 — EXTERIOR BRICK VENEER BASE

1 1/2" = 1'-0"



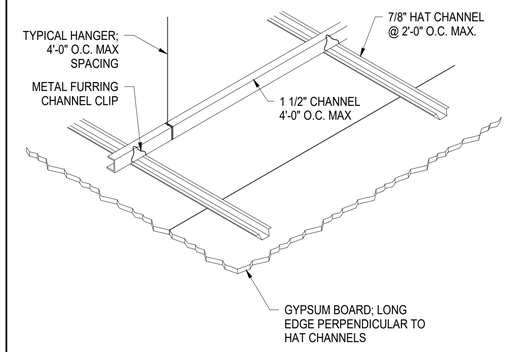
9 A504 | A503 — DECK EDGE DETAIL

3" = 1'-0"



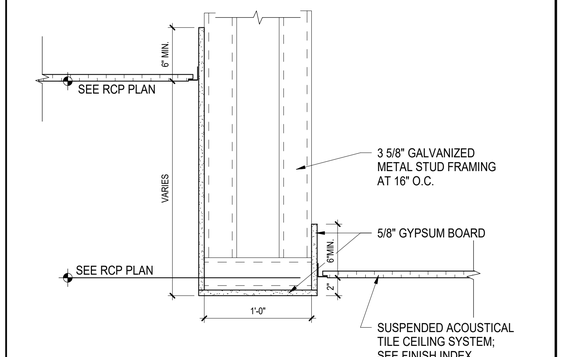
4 A503 — SEMI-RECESSED EXTINGUISHER CABINET

3" = 1'-0"



3 A503 — INTERIOR SUSPENDED GYPSUM

1 1/2" = 1'-0"



PROVIDE ENGINEERED BOX HEADER WHERE SPANS DO NOT ALLOW FOR GYPSUM SOFFIT TO BE SUSPENDED FROM STRUCTURE ABOVE. SUBMIT ENGINEERED SHOP DRAWINGS FOR FINAL APPROVAL.

2 A102 | A503 — CEILING BULKHEAD DETAIL

1 1/2" = 1'-0"

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PROJECT NO. : 2416
SHEET TITLE:
DETAILS

SHEET NUMBER:
A503

PERMIT SET

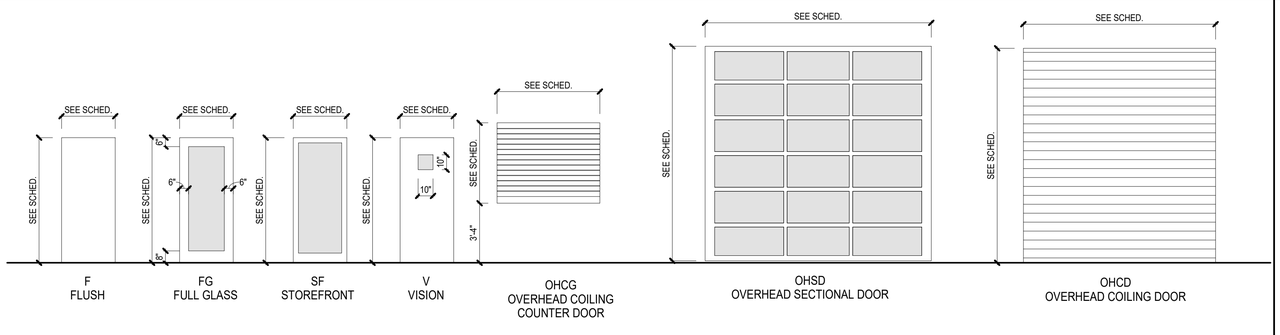
PRINT DATE: 4/25/2018 3:50:21 PM

DO NOT SCALE DRAWINGS

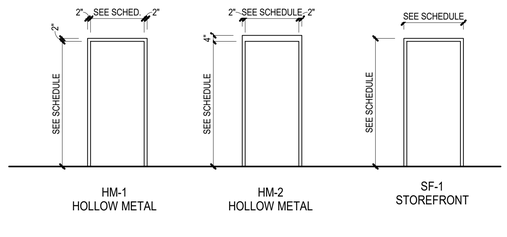
DOOR SCHEDULE

MARK	SIZE WIDTH	SIZE HEIGHT	SIZE THICKNESS	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	UNDERCUT	DOOR GLAZING	FRAME TYPE	FRAME FINISH	DETAIL HEAD	DETAIL JAMB	DETAIL SILL	FIRE RATING	HARDWARE SET NO.	REMARKS
101A	6'-0"	8'-0"	1 3/4"	SF	ALUM	AL-1		G3	SF-1	AL-1	-	-	-	-	23	4
101B	6'-0"	8'-0"	1 3/4"	SF	ALUM	AL-1		G3	SF-1	AL-1	-	-	-	-	23	4
102	3'-0"	7'-0"	1 3/4"	SF	ALUM	AL-1	-	G3	SF-1	AL-1	-	8/A511	-	-	11	A
103	3'-0"	7'-0"	1 3/4"	F	SCWD	ST-1	-	-	HM-1	P-15	7/A511	8/A511	9/A511	-	6	
104	3'-0"	7'-0"	1 3/4"	FG	SCWD	ST-1	-	G1	HM-1	P-15	7/A511	8/A511	9/A511	-	25	
105	3'-0"	7'-0"	1 3/4"	FG	SCWD	ST-1	-	G1	HM-1	P-15	7/A511	8/A511	9/A511	-	26	
106	3'-0"	7'-0"	1 3/4"	F	SCWD	ST-1	-	-	HM-1	P-15	7/A511	8/A511	9/A511	-	27	
107	3'-0"	7'-0"	1 3/4"	FG	SCWD	ST-1	-	G1	HM-1	P-15	7/A511	8/A511	9/A511	-	14	
108	3'-0"	7'-0"	1 3/4"	F	SCWD	ST-1	-	-	HM-1	P-15	7/A511	8/A511	9/A511	-	29	
109A	3'-0"	7'-0"	1 3/4"	FG	SCWD	ST-1	-	G1	HM-1	P-15	7/A511	8/A511	9/A511	-	28	
109B	3'-0"	7'-0"	1 3/4"	FG	SCWD	ST-1		G1	HM-1	P-15	7/A511	8/A511	9/A511	-	28	
110	3'-0"	7'-0"	1 3/4"	FG	SCWD	ST-1	-	G1	HM-1	P-15	7/A511	8/A511	9/A511	-	14	
111	3'-0"	7'-0"	1 3/4"	F	SCWD	ST-1	-	-	HM-1	P-15	7/A511	8/A511	9/A511	-	29	
112A	6'-0"	8'-0"	1 3/4"	SF	ALUM	AL-1	-	G3	SF-1	AL-1	MANUF	MANUF	MANUF	-	23	2,4
112B	6'-0"	8'-0"	1 3/4"	SF	ALUM	AL-1	-	G3	SF-1	AL-1	MANUF	MANUF	MANUF	-	23	2,4
113A	3'-0"	7'-0"	1 3/4"	F	SCWD	ST-1	-	-	HM-1	P-15	7/A511	8/A511	9/A511	-	22	
113B	3'-6"	7'-0"	1 3/4"	V	HM	P	-	G2	HM-2	P-15	1/A511	2/A511	3/A511	-	21	3,4
113C	4'-0"	4'-0"	1"	-	ALUM	FF	-	-	MANUF	FF	4/A511	5/A511	6/A511		5	1
114A	3'-0"	7'-0"	1 3/4"	FG	SCWD	ST-1	-	G1	HM-1	P-15	7/A511	8/A511	9/A511	-	14	
114B	6'-0"	8'-0"	1 3/4"	FG (x2)	ALUM	AL-1	-	G1	SF-1	AL-1	7/A511	8/A511	9/A511		11	
114C	6'-0"	8'-0"	1 3/4"	FG (x2)	ALUM	AL-1	-	G1	SF-1	AL-1	7/A511	8/A511	9/A511		11	
114D	6'-0"	8'-0"	1 3/4"	SF	ALUM	AL-1	-	G3	SF-1	AL-1	MANUF	MANUF	MANUF	-	10	2
114E	6'-0"	8'-0"	1 3/4"	SF	ALUM	AL-1	-	G3	SF-1	AL-1	MANUF	MANUF	MANUF	-	10	2
114F	6'-0"	8'-0"	1 3/4"	FG (x2)	SCWD	ST-1	-	G1	HM-1	P-15	7/A511	8/A511	9/A511		16	
114H	3'-0"	7'-0"	1 3/4"	F										-		
115A	6'-0"	7'-0"	1 3/4"	F (x2)	SCWD	ST-1	-	-	HM-1	P-15	7/A511	8/A511	9/A511	-	13	
115B	6'-0"	7'-0"	1 3/4"	F (x2)	SCWD	ST-1	-	-	HM-1	P-15	7/A511	8/A511	9/A511	-	13	
115C	6'-0"	7'-0"	1 3/4"	F (x2)	SCWD	ST-1	-	-	HM-1	P-15	7/A511	8/A511	9/A511	-	13	
116	3'-0"	7'-0"	1 3/4"	F	SCWD	ST-1	-	-	HM-1	P-15	7/A511	8/A511	9/A511	-	20	
117	2'-6"	7'-0"	1 3/4"	F	SCWD	ST-1	-	-	HM-1	P-15	7/A511	8/A511	9/A511	-	6	
118	2'-6"	7'-0"	1 3/4"	F	SCWD	ST-1	-	-	HM-1	P-15	7/A511	8/A511	9/A511	-	6	
119	3'-0"	7'-0"	1 3/4"	F	SCWD	ST-1	-	-	HM-1	P-15	7/A511	8/A511	9/A511	-	20	
120	3'-0"	7'-0"	1 3/4"	F	SCWD	ST-1	-	-	HM-1	P-15	7/A511	8/A511	9/A511	-	15	
122	3'-0"	7'-0"	1 3/4"	F	SCWD	ST-1	-	-	HM-1	P-15	7/A511	8/A511	9/A511	-	12	
123	6'-0"	7'-0"	1 3/4"	F (x2)	HM	P	-	-	HM-2	P-15	1/A511	2/A511	3/A511	-	19	3,4
124	3'-0"	7'-0"	1 3/4"	F	HM	P	-	-	HM-2	P-15	1/A511	2/A511	3/A511	-	18	3,4
125	3'-0"	7'-0"	1 3/4"	F	SCWD	ST-1	-	-	HM-1	P-15	7/A511	8/A511	9/A511	-	17	
127A	3'-0"	7'-2"	1 3/4"	FG	ALUM	AL-1	-	G3	SF-1	AL-1	1/A511	2/A511	3/A511		2	4
127B	10'-0"	10'-0"	2"	OHCD	STL	FF	-	-	MANUF	FF	4/A512	5/A512	6/A512	-	5	
127C	3'-0"	7'-2"	1 3/4"	FG	ALUM	AL-1	-	G3	SF-1	AL-1	1/A511	2/A511	3/A511		2	4
128	3'-0"	7'-0"	1 3/4"	F	HM	P	-	-	HM-1	P-15	7/A511	8/A511	9/A511	45 MIN.	8	
128B	3'-0"	7'-2"	1 3/4"	FG	ALUM	AL-1	-	G3	SF-1	AL-1	1/A511	2/A511	3/A511		1	
129	3'-0"	7'-0"	1 3/4"	F	HM	P	-	-	HM-2	P-15	1/A511	2/A511	3/A511	-	4	3,4
130	3'-0"	7'-0"	1 3/4"	F	HM	P	-	-	HM-2	P-15	1/A511	2/A511	3/A511	-	4	3,4
131A	3'-0"	7'-0"	1 3/4"	F	HM	P	-	-	HM-1	P-15	7/A511	8/A511	9/A511	-	7	
131B	2'-6"	7'-0"	1 3/4"	F	HM	P	-	-	HM-1	P-15	7/A511	8/A511	9/A511	-	6	
132	3'-0"	7'-0"	1 3/4"	F	IN ST	P	-	-	HM-2	P-15	1/A511	2/A511	3/A511	-	3	3,4
138	10'-0"	12'-0"	1 3/4"	OHSD	ALUM	FF	-	G5	MANUF	FF	1/A512	2/A512	3/A512	-	5	5
139	10'-0"	12'-0"	1 3/4"	OHSD	ALUM	FF	-	G5	MANUF	FF	1/A512	2/A512	3/A512	-	5	5
140	10'-0"	12'-0"	1 3/4"	OHSD	ALUM	FF	-	G5	MANUF	FF	1/A512	2/A512	3/A512	-	5	5
C102	3'-0"	8'-0"	1 3/4"	SF	ALUM	AL-1	-	G3	SF-1	AL-1	MANUF	MANUF	MANUF	-	9	2,4

DOOR TYPES



FRAME TYPES



ABBREVIATIONS

ALUM	ALUMINUM
F	FLUSH
FF	FACTORY FINISH
FG	FULL GLASS
HG	HALF GLASS
HM	HOLLOW METAL
IN ST	INSULATED STEEL
L	LOUVER
MANUF	MANUFACTURER PROVIDED FRAME/ MANUFACTURER DETERMINED DETAIL
NV	NARROW VIEW
OHCD	OVER HEAD COILING DOOR
OHCG	OVER HEAD COILING GRILLE
OHSD	OVER HEAD SECTIONAL DOOR
PLAM	PLASTIC LAMINATE
P	PAINT - T.B.D.
SCWD	SOLID CORE WOOD DOOR
SF	STOREFRONT

GLAZING INDEX

G1	1/4" TEMPERED GLAZING PER FBC 2406, CLEAR
G2	9/16" LAMINATED GLAZING, LARGE MISSLE IMPACT-RESISTANT, TEMPERED PER FBC 2406; TINTED REFLECTIVE COATED
G3	1 5/16" INSULATED GLAZING, LARGE MISSLE IMPACT-RESISTANT, TEMPERED PER FBC 2406; TINTED REFLECTIVE COATED, LOW-E
G4	1 5/16" INSULATED GLAZING, LARGE MISSLE IMPACT-RESISTANT, PLATE GLASS; TINTED REFLECTIVE COATED, LOW-E
G5	MANUFACTURES STANDARD GLAZING, CLEAR

REMARKS

1. BASIS OF DESIGN IS PUSH UP OPERATED COUNTER COILING DOOR, STAINLESS STEEL, LOCKABLE.
2. SEE WINDOW TYPES FOR FRAME TYPE INFORMATION
3. ALL EXTERIOR DOORS AND DOOR FRAMES TO BE RATED EXTRA HEAVY DUTY
4. EXTERIOR DOORS TO HAVE ACCESS CONTROL HARDWARE AS SPECIFIED, TO BE COORDINATED WITH OFOI CARD READER DEVICES. ALL ROUGH-INS ARE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. REFER TO ELECTRICAL DRAWINGS.
5. SUBMIT FLORIDA PRODUCT APPROVAL TO MEET IMPACT RATING AND GLAZING REQUIREMENTS PER THE FLORIDA BUILDING CODE.

GENERAL NOTES

1. CONTRACTOR SHALL PERFORM A PREINSTALLATION MEETING TO VERIFY THAT ALL TRADES HAVE BEEN COORDINATED FOR ACCESS CONTROL DEVICES AND HARDWARE INSTALLATION
2. CONTRACTOR SHALL SUBMIT FLORIDA PRODUCT APPROVAL INFORMATION WITH ALL SUBMITTALS.
3. DOOR AND WINDOWS SHALL BE INSTALLED PER FLORIDA PRODUCT APPROVED FASTENERS AND MANUFACTURER'S INSTRUCTIONS TO MEET THE DESIGN WIND PRESSURES.
4. REFER TO STRUTURAL DRAWINGS FOR ADDITIONAL INFORMATION FOR WIND PRESSURES.
5. CONTRACTOR SHALL FIELD DIMENSIONS ALL FINAL ERECTED OPENING PRIOR TO PURCHASE OF ALL STOREFRONT AND CURTAIN WALLS SYSTEMS
6. EXTERIOR HOLLOW METAL DOORS AND FRAMES SHALL BE GALVANIZED AND DOOR FULLY INSULATED AS SPECIFIED.

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(850) 432 9500 | CALDWELL-ASSOC.COM
License No: AA26000721 | License No: IB0000995

PROJECT ISSUES:

SCHEMATIC DESIGN	07/13/17
DESIGN DEVELOPMENT	10/13/17
50% SUBMITTAL	12/22/17
90% SUBMITTAL	02/28/18
PERMIT SET	03/20/18

A ADDENDUM A 4/25/2018

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Kenneth Horne & Associates, Inc.
STRUCTURAL
Joe DeReuil Associates, LLC
ARCHITECTURAL / INTERIOR DESIGN
Caldwell Associates
FIRE PROTECTION
H.M. Yonge & Associates
PLUMBING/FIRE PROTECTION
H.M. Yonge & Associates
MECHANICAL
H.M. Yonge & Associates
ELECTRICAL/FIRE ALARM
Klocke & Associates
TELECOMMUNICATION/SECURITY
Klocke & Associates
AUDIO-VISUAL
Walthall & Associates
FOOD SERVICES
Camacho Foodservice Design

PROJECT:

BAYVIEW COMMUNITY RESOURCE CENTER

The City of PENSACOLA

2001 E. LLOYD ST PENSACOLA, FLORIDA 32503

ARCHITECT'S SEAL

H. MILLER CALDWELL, JR
AR 7462

PROJECT NO. : 2416
SHEET TITLE:
DOOR SCHEDULE

SHEET NUMBER:

A601

PERMIT SET

PRINT DATE: 4/25/2018 3:57:39 PM

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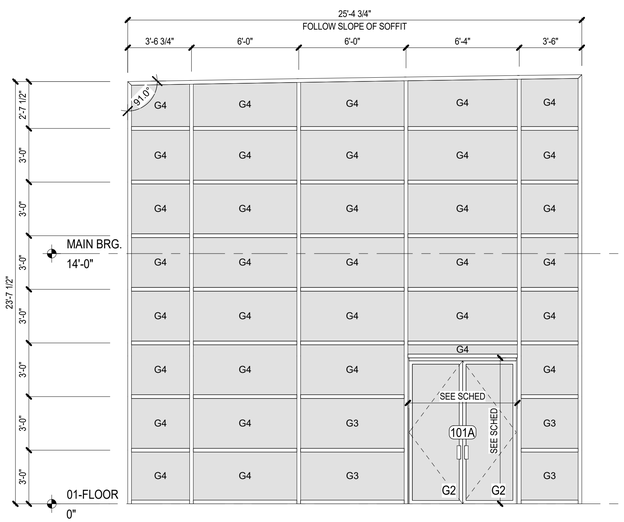
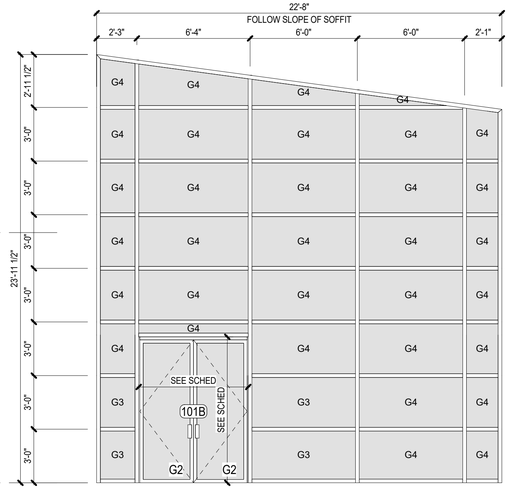


A

EXTERIOR GLAZING SYSTEM
PREFINISHED ALUMINUM CURTAIN WALL SYSTEM

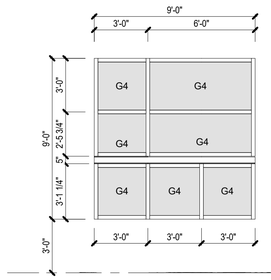
HEAD: 5/A522
JAMB: 8/A613 11/A613
SILL: 10/A521



B

EXTERIOR GLAZING SYSTEM
PREFINISHED ALUMINUM CURTAIN WALL SYSTEM

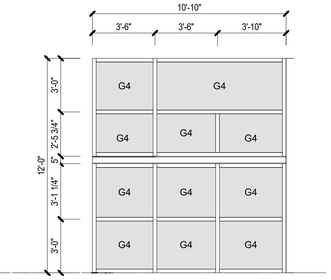
HEAD: 5/A522
JAMB: 8/A613 11/A613
SILL: 10/A521



C

EXTERIOR GLAZING SYSTEM
PREFINISHED ALUMINUM STOREFRONT SYSTEM

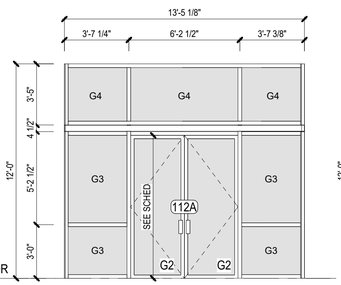
HEAD: 7/A521
JAMB: 5/A613 11/A613
SILL: 3/A521



D

EXTERIOR GLAZING SYSTEM
PREFINISHED ALUMINUM STOREFRONT SYSTEM

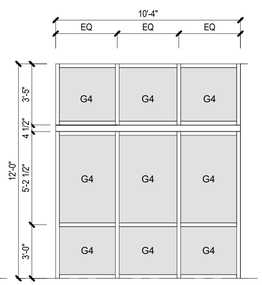
HEAD: 10/A614
JAMB: 5/A613 3/A614
SILL: 4/A521



E

EXTERIOR GLAZING SYSTEM
PREFINISHED ALUMINUM STOREFRONT SYSTEM

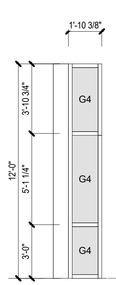
HEAD: 5/A522
JAMB: 8/A521
SILL: 10/A521



F

EXTERIOR GLAZING SYSTEM
PREFINISHED ALUMINUM STOREFRONT SYSTEM

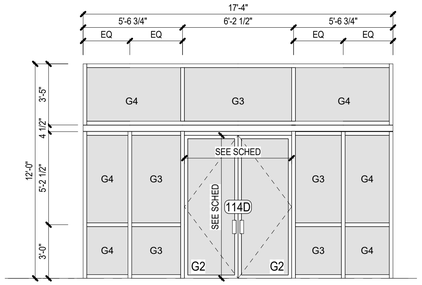
HEAD: 5/A522
JAMB: 11/A613 3/A614
SILL: 10/A521



G

EXTERIOR GLAZING SYSTEM
PREFINISHED ALUMINUM STOREFRONT SYSTEM

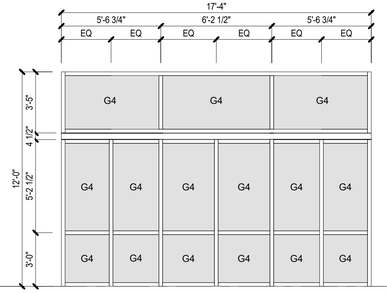
HEAD: 5/A522
JAMB: 3/A614 4/A614
SILL: 10/A521



H

EXTERIOR GLAZING SYSTEM
PREFINISHED ALUMINUM STOREFRONT SYSTEM

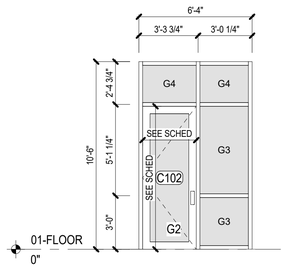
HEAD: 5/A522
JAMB: 4/A522
SILL: 10/A521



I

EXTERIOR GLAZING SYSTEM
PREFINISHED ALUMINUM STOREFRONT SYSTEM

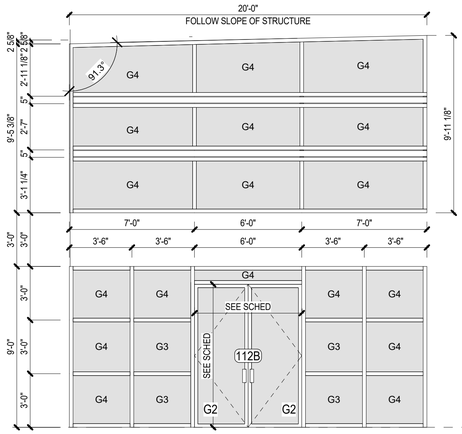
HEAD: 5/A522
JAMB: 4/A522
SILL: 10/A521



M

EXTERIOR GLAZING SYSTEM
PREFINISHED ALUMINUM STOREFRONT SYSTEM

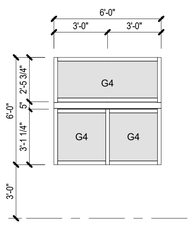
HEAD: 7/A521
JAMB: 8/A521
SILL: 4/A521



N

EXTERIOR GLAZING SYSTEM
PREFINISHED ALUMINUM STOREFRONT SYSTEM

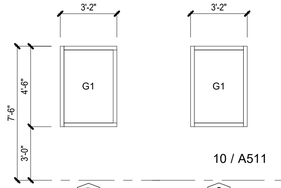
HEAD: 1/A614 2/A613
JAMB: 5/A613 10/A613 11/A613
SILL: 4/A521



O

EXTERIOR GLAZING SYSTEM
PREFINISHED ALUMINUM STOREFRONT SYSTEM

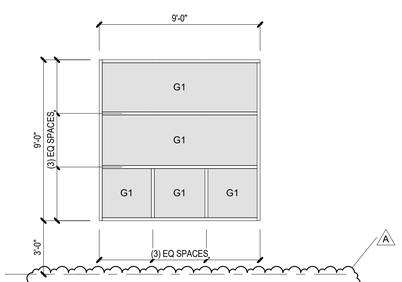
HEAD: 7/A521
JAMB: 8/A521
SILL: 4/A521



P Q

INTERIOR GLAZING SYSTEM
PAINTED HOLLOW METAL FRAMES

HEAD: 5/A522
JAMB: 10/A511
SILL: 10/A521



R

INTERIOR GLAZING SYSTEM
PREFINISHED ALUMINUM STOREFRONT SYSTEM

HEAD: ---
JAMB: ---
SILL: ---

GLAZING INDEX

G1	1/4" TEMPERED GLAZING PER FBC 2406, CLEAR
G2	9/16" LAMINATED GLAZING, LARGE MISSLE IMPACT-RESISTANT, TEMPERED PER FBC 2406; TINTED REFLECTIVE COATED
G3	1 5/16" INSULATED GLAZING, LARGE MISSLE IMPACT-RESISTANT, TEMPERED PER FBC 2406; TINTED REFLECTIVE COATED, LOW-E
G4	1 5/16" INSULATED GLAZING, LARGE MISSLE IMPACT-RESISTANT, PLATE GLASS; TINTED REFLECTIVE COATED, LOW-E
G5	MANUFACTURES STANDARD GLAZING, CLEAR

GENERAL NOTES

1. ALL STOREFRONT SYSTEMS SHALL MEET FBC CHAPTER 24.
2. PROVIDE FLORIDA PRODUCT APPROVAL NUMBERS WITH ALL SUBMITTALS.
3. STOREFRONT AND CURTAIN WALL COLOR FINISH: ANODIZED ALUMINUM
4. BASIS OF DESIGN NOTE:
   A. ALL EXTERIOR STOREFRONT SYSTEM.
      a. BASIS OF DESIGN: KAWNEER IR501T
   B. ALL EXTERIOR CURTAIN WALL SYSTEMS.
      a. BASIS OF DESIGN: KAWNEER 1600
   C. ALL INTERIOR GLAZING SYSTEMS TO BE HOLLOW METAL.
5. REFER TO INDEX OF FINISHES FOR ALL FINISHES

CALDWELL ASSOCIATES | ARCHITECTS
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(850) 432 9500 | CALDWELL-ASSOC.COM
License No: AA26000721 | License No: IB0000995

PROJECT ISSUES:

SCHEMATIC DESIGN	07/13/17
DESIGN DEVELOPMENT	10/13/17
50% SUBMITTAL	12/22/17
90% SUBMITTAL	02/28/18
PERMIT SET	03/20/18

A ADDENDUM A 4/25/2018

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ELECTRICAL/FIRE ALARM
Klocke & Associates
TELECOMMUNICATION/SECURITY
Klocke & Associates
AUDIO-VISUAL
Walthall & Associates
FOOD SERVICES
Camacho Foodservice Design

PROJECT:

BAYVIEW COMMUNITY RESOURCE CENTER

The City of PENSACOLA

2001 E. LLOYD ST PENSACOLA, FLORIDA 32503

ARCHITECT'S SEAL

H. MILLER CALDWELL, JR
AR 7462

PROJECT NO. : 2416
SHEET TITLE:
STOREFRONT ELEVATIONS

SHEET NUMBER:

A602

PERMIT SET

PRINT DATE: 4/25/2018 3:44:45 PM

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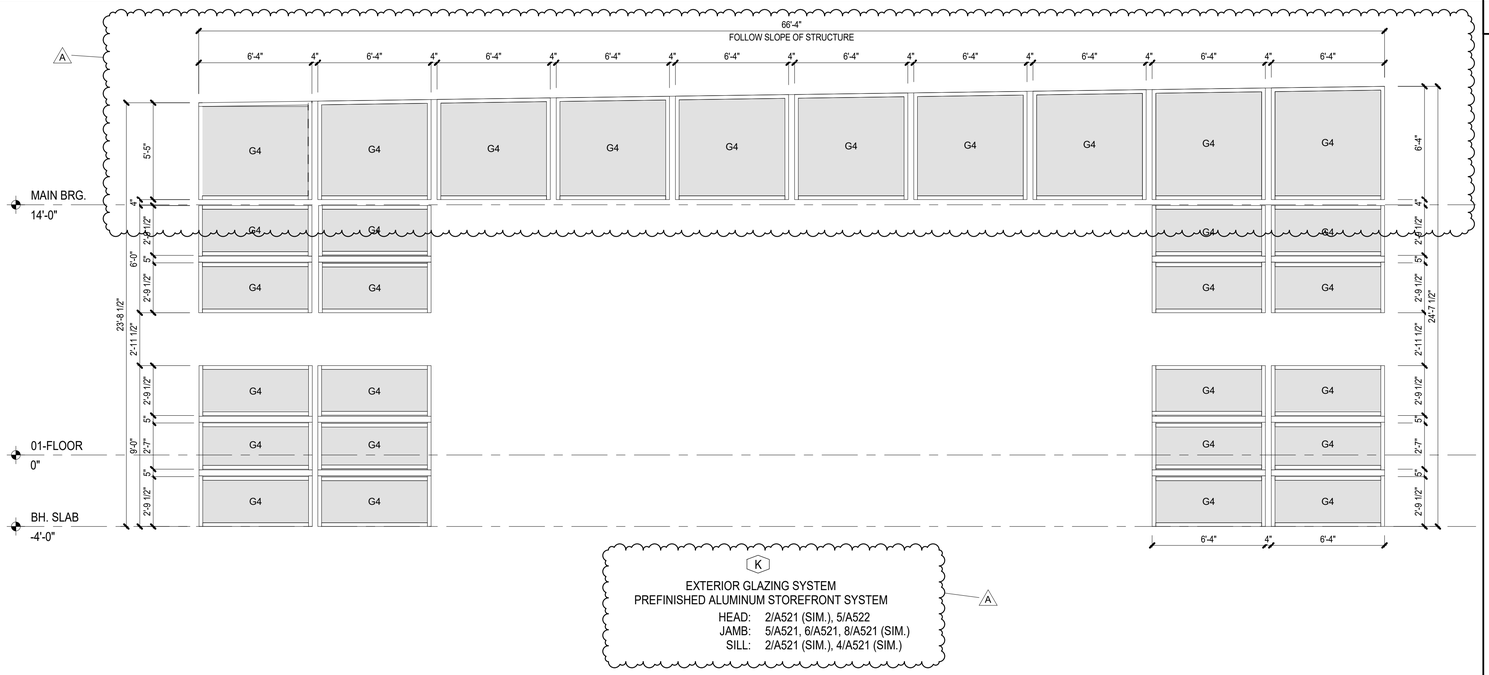
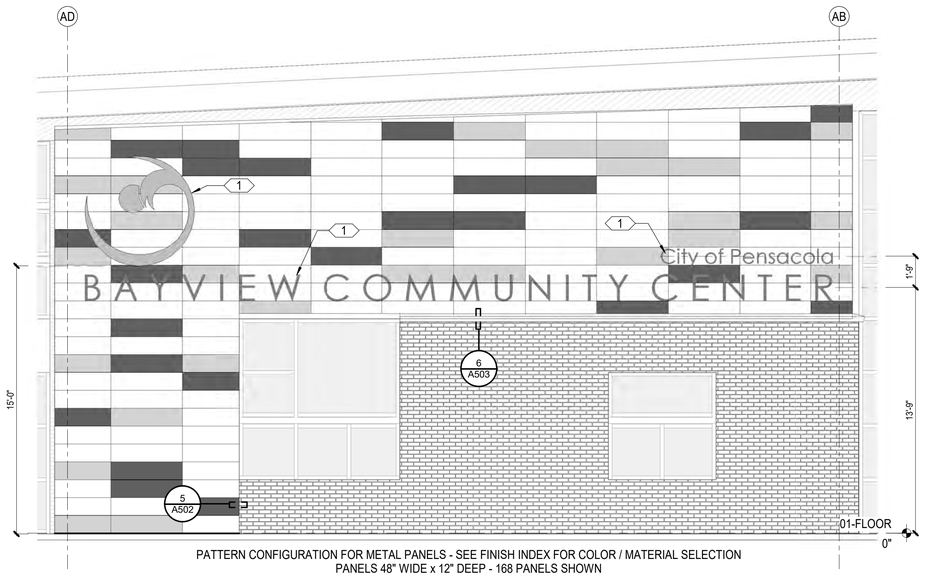


K

EXTERIOR GLAZING SYSTEM
PREFINISHED ALUMINUM STOREFRONT SYSTEM
HEAD: 2/A521 (SIM.), 5/A522
JAMB: 5/A521, 6/A521, 8/A521 (SIM.)
SILL: 2/A521 (SIM.), 4/A521 (SIM.)

GLAZING INDEX

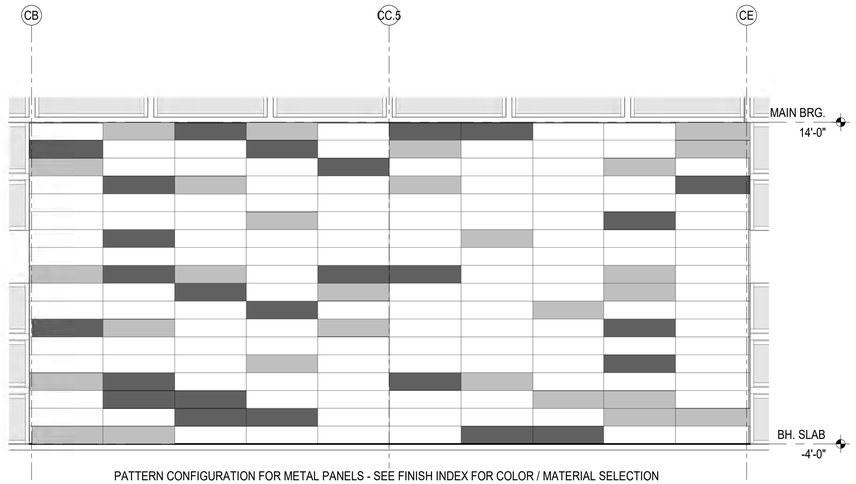
G1	1/4" TEMPERED GLAZING PER FBC 2406, CLEAR
G2	9/16" LAMINATED GLAZING, LARGE MISSLE IMPACT-RESISTANT, TEMPERED PER FBC 2406; TINTED REFLECTIVE COATED
G3	1 5/16" INSULATED GLAZING, LARGE MISSLE IMPACT-RESISTANT, TEMPERED PER FBC 2406; TINTED REFLECTIVE COATED, LOW-E
G4	1 5/16" INSULATED GLAZING, LARGE MISSLE IMPACT-RESISTANT, PLATE GLASS; TINTED REFLECTIVE COATED, LOW-E
G5	MANUFACTURES STANDARD GLAZING, CLEAR



PATTERN CONFIGURATION FOR METAL PANELS - SEE FINISH INDEX FOR COLOR / MATERIAL SELECTION
PANELS 48" WIDE x 12" DEEP - 168 PANELS SHOWN
RANDOM MIX - 3 COLORS
MIX DISTRIBUTION: COLOR 1 (WHITE) - 70% OF MIX
COLOR 2 (LIGHT GREY) - 15% OF MIX
COLOR 3 (DARK GREY) - 15 % OF MIX

2 PREFINISHED METAL WALL PANEL COLOR LAYOUT

A201 | A603 1/4" = 1'-0"



PATTERN CONFIGURATION FOR METAL PANELS - SEE FINISH INDEX FOR COLOR / MATERIAL SELECTION
PANELS 48" WIDE x 12" DEEP - 168 PANELS SHOWN
RANDOM MIX - 3 COLORS
MIX DISTRIBUTION: COLOR 1 (WHITE) - 70% OF MIX
COLOR 2 (LIGHT GREY) - 15% OF MIX
COLOR 3 (DARK GREY) - 15 % OF MIX

3 PREFINISHED METAL WALL PANEL COLOR LAYOUT

A202 | A603 1/4" = 1'-0"

GENERAL NOTES

1. ALL STOREFRONT SYSTEMS SHALL MEET FBC CHAPTER 24.
2. PROVIDE FLORIDA PRODUCT APPROVAL NUMBERS WITH ALL SUBMITTALS.
3. STOREFRONT AND CURTAIN WALL COLOR FINISH: ANODIZED ALUMINUM
4. BASIS OF DESIGN NOTE:
   A. ALL EXTERIOR STOREFRONT SYSTEM.
      a. BASIS OF DESIGN: KAWNEER IR501T
   B. ALL EXTERIOR CURTAIN WALL SYSTEMS.
      a. BASIS OF DESIGN: KAWNEER 1600
   C. ALL INTERIOR GLAZING SYSTEMS TO BE HOLLOW METAL.
5. REFER TO INDEX OF FINISHES FOR ALL FINISHES

KEYNOTES

1 18" TALL, CENTURY GOTHIC FONT, BACK-LIT 3-DIMENSIONAL CAST ALUMINUM LETTERING; ATTACHMENT PER MANUFACTURER RECOMMENDATIONS. SUBMIT COLOR SELECTION TO ARCHITECT.

CALDWELL ASSOCIATES | ARCHITECTS
116 N TARRAGONA STREET, PENSACOLA, FL 32502
(850) 432 9500 | CALDWELL-ASSOC.COM
License No: AA26000721 | License No: IB0000995

PROJECT ISSUES:

SCHEMATIC DESIGN	07/13/17
DESIGN DEVELOPMENT	10/13/17
50% SUBMITTAL	12/22/17
90% SUBMITTAL	02/28/18
PERMIT SET	03/20/18

A ADDENDUM A 4/25/2018

PROJECT TEAM:

CIVIL
Kenneth Horne & Associates, Inc.
STRUCTURAL
Joe DeReuil Associates, LLC
ARCHITECTURAL / INTERIOR DESIGN
Caldwell Associates
FIRE PROTECTION
H.M. Yonge & Associates
PLUMBING/FIRE PROTECTION
H.M. Yonge & Associates
MECHANICAL
H.M. Yonge & Associates
ELECTRICAL/FIRE ALARM
Klocke & Associates
TELECOMMUNICATION/SECURITY
Klocke & Associates
AUDIO-VISUAL
Walthall & Associates
FOOD SERVICES
Camacho Foodservice Design

PROJECT:
BAYVIEW COMMUNITY RESOURCE CENTER

The City of PENSACOLA

2001 E. LLOYD ST PENSACOLA, FLORIDA 32503

ARCHITECT'S SEAL

H. MILLER CALDWELL, JR
AR 7462

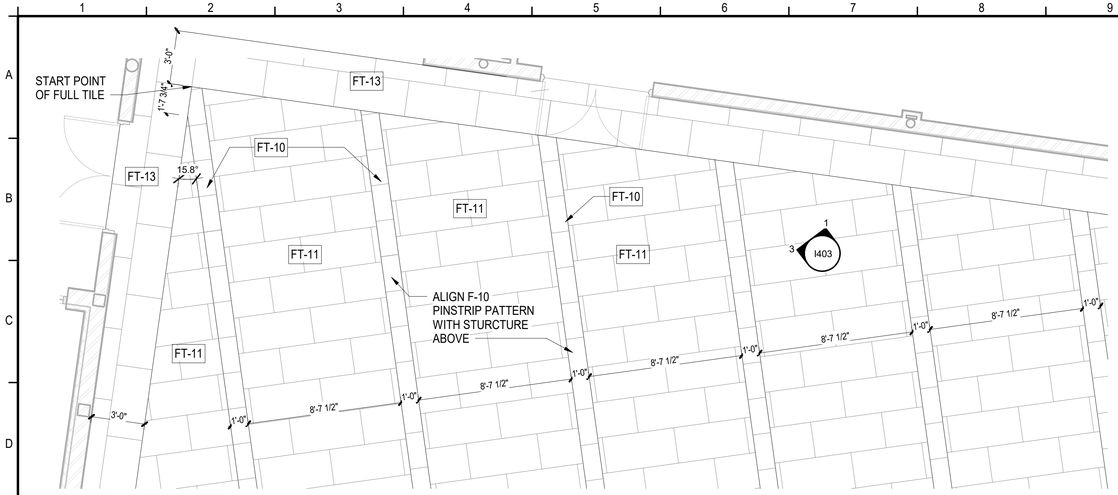
PROJECT NO. : 2416
SHEET TITLE:
STOREFRONT ELEVATIONS

SHEET NUMBER:
A603

PERMIT SET

PRINT DATE: 4/25/2018 2:40:29 PM

DO NOT SCALE DRAWINGS

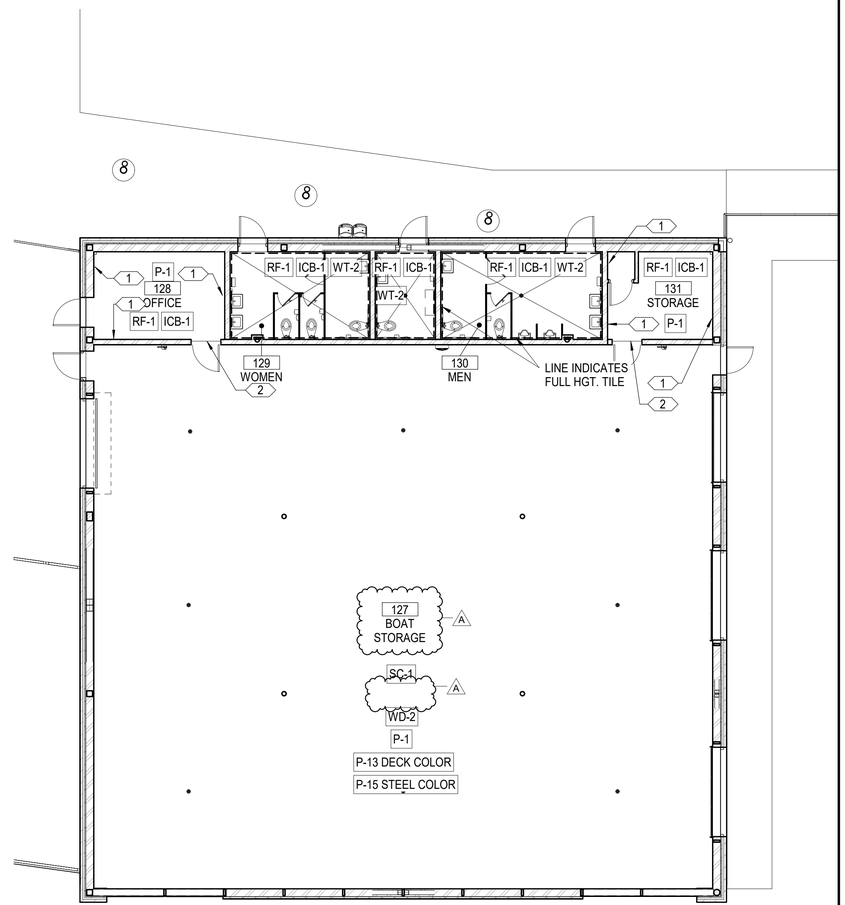


TRUE NORTH | PROJECT NORTH | 2 | I101 | I102

PARTIAL FINISH FLOOR PLAN - EVENT SPACE

1/4" = 1'-0"

4' 2' 0' 4' 8'



TRUE NORTH | PROJECT NORTH | 1 | I102

PARTIAL FLOOR PLAN - PART B

1/8" = 1'-0"

8' 4' 0' 8' 16'

TRUE NORTH | PROJECT NORTH | 3 | I101 | I102

PARTIAL FINISH FLOOR PLAN - LOBBY

1/4" = 1'-0"

4' 2' 0' 4' 8'

TRUE NORTH | PROJECT NORTH | 4 | I101 | I102

PARTIAL FINISH FLOOR PLAN - PREFUNCTION

1/4" = 1'-0"

4' 2' 0' 4' 8'

LEGEND

- PCT-7; SEE FINISH INDEX
- PCT-8; SEE FINISH INDEX
- PCT-9; SEE FINISH INDEX

KEYNOTES

1 PROVIDE METAL TERMINATION BAR AT TOP OF WALL BASE WHERE EPOXY FLOORING EXTEND UPWARD

2 PROVIDE SMOOTH TRANSITION BETWEEN EPOXY FLOORING & ADJACENT FLOOR FINISH

GENERAL NOTES

1. REFER TO FINISH INDEX FOR ADDITIONAL INFORMATION
2. REFER TO FINISH INDEX FOR ALL TRANSITION STRIPS BETWEEN FLOOR FINISHES. METAL EDGE PROFILE TYPE TRANSITION STRIP NEED TO BE INSTALLED BETWEEN DISSIMILAR FLOOR FINISHES.
3. METAL EDGE CORNER STRIP AT WALL TILE CORNER APPLICATIONS
4. PROVIDE 5/8" MRGB AT ALL RESTROOMS, CATERING KITCHEN, AND BOATHOUSE INTERIOR WALLS
5. PROVIDE 5/8" TILE BACKER BOARD BEHIND ALL WALL TILE
6. PROVIDE 5/8" PAPERLESS GWB AT SHOWER CEILING
7. PROVIDE FULL HGT. TILE IN SHOWER & OUTDOOR ACCESS TOILETS

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(850) 432 9500 | CALDWELL-ASSOC.COM
License No: AA26000721 | License No: IB0000995

PROJECT ISSUES:

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DESIGN DEVELOPMENT	10/13/17
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90% SUBMITTAL	02/28/18
PERMIT SET	03/20/18

A ADDENDUM A 4/25/2018

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The City of PENSACOLA

2001 E. LLOYD ST PENSACOLA, FLORIDA 32503

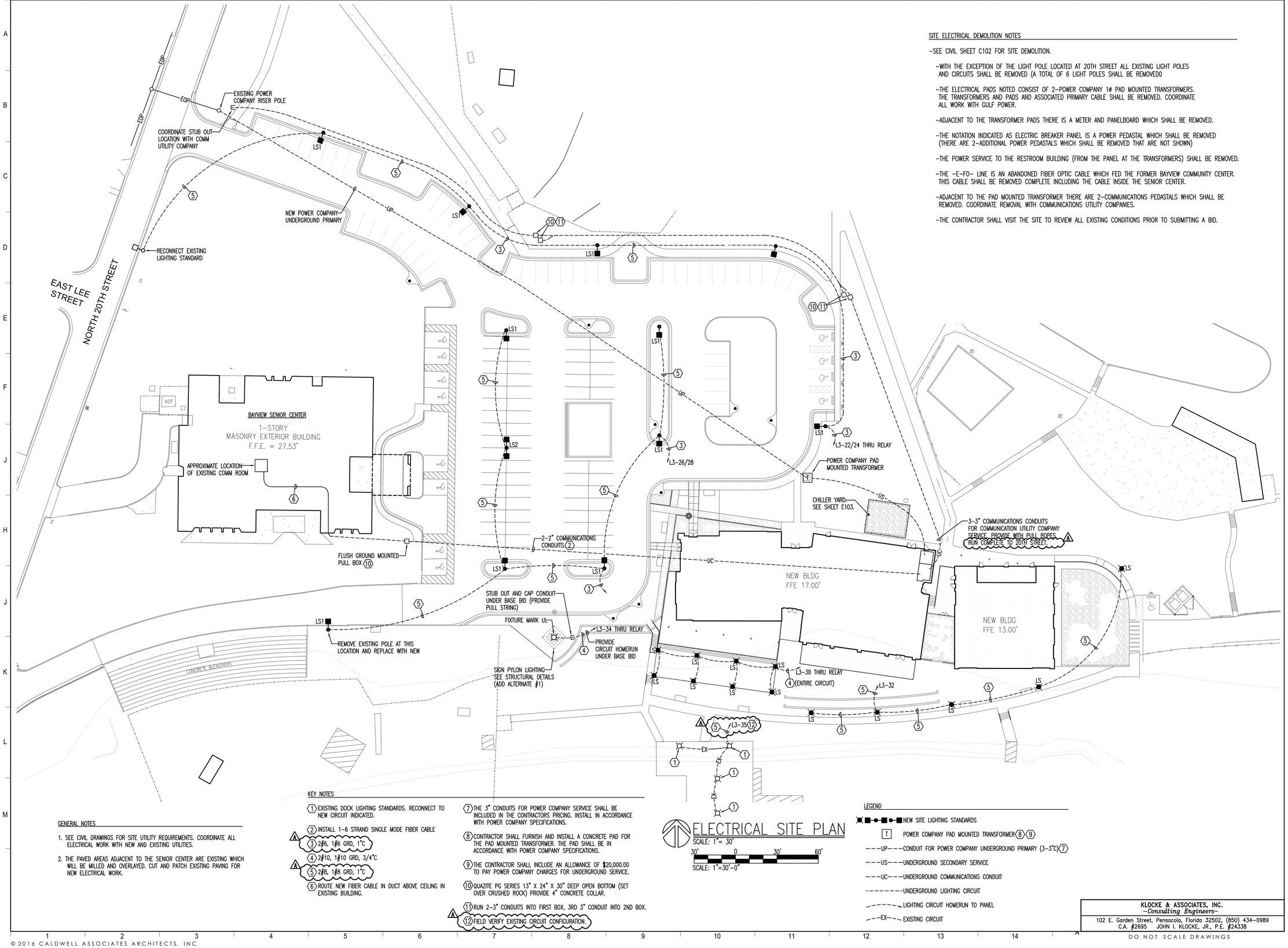
ARCHITECT'S SEAL

H. MILLER CALDWELL, JR
AR 7462

PROJECT NO. : 2416
SHEET TITLE:
FINISH PLAN

SHEET NUMBER:
I102

PERMIT SET



SITE ELECTRICAL DEMOLITION NOTES

-SEE CIVIL SHEET C102 FOR SITE DEMOLITION.

-WITH THE EXCEPTION OF THE LIGHT POLE LOCATED AT 20TH STREET ALL EXISTING LIGHT POLES AND CIRCUITS SHALL BE REMOVED (A TOTAL OF 6 LIGHT POLES SHALL BE REMOVEDO

-THE ELECTRICAL PADS NOTED CONSIST OF 2-POWER COMPANY 1ø PAD MOUNTED TRANSFORMERS. THE TRANSFORMERS AND PADS AND ASSOCIATED PRIMARY CABLE SHALL BE REMOVED. COORDINATE ALL WORK WITH GULF POWER.

-ADJACENT TO THE TRANSFORMER PADS THERE IS A METER AND PANELBOARD WHICH SHALL BE REMOVED.

-THE NOTATION INDICATED AS ELECTRIC BREAKER PANEL IS A POWER PEDASTAL WHICH SHALL BE REMOVED (THERE ARE 2-ADDITIONAL POWER PEDASTALS WHICH SHALL BE REMOVED THAT ARE NOT SHOWN)

-THE POWER SERVICE TO THE RESTROOM BUILDING (FROM THE PANEL AT THE TRANSFORMERS) SHALL BE REMOVED.

-THE -E-FO- LINE IS AN ABANDONED FIBER OPTIC CABLE WHICH FED THE FORMER BAYVIEW COMMUNITY CENTER. THIS CABLE SHALL BE REMOVED COMPLETE INCLUDING THE CABLE INSIDE THE SENIOR CENTER.

-ADJACENT TO THE PAD MOUNTED TRANSFORMER THERE ARE 2-COMMUNICATIONS PEDASTALS WHICH SHALL BE REMOVED. COORDINATE REMOVAL WITH COMMUNICATIONS UTILITY COMPANIES.

-THE CONTRACTOR SHALL VISIT THE SITE TO REVIEW ALL EXISTING CONDITIONS PRIOR TO SUBMITTING A BID.

GENERAL NOTES

1. SEE CIVIL DRAWINGS FOR SITE UTILITY REQUIREMENTS. COORDINATE ALL ELECTRICAL WORK WITH NEW AND EXISTING UTILITIES.
2. THE PAVED AREAS ADJACENT TO THE SENIOR CENTER ARE EXISTING WHICH WILL BE MILLED AND OVERLAYED. CUT AND PATCH EXISTING PAVING FOR NEW ELECTRICAL WORK.

KEY NOTES

1. EXISTING DOCK LIGHTING STANDARDS. RECONNECT TO NEW CIRCUIT INDICATED.
2. INSTALL 1-6 STRAND SINGLE MODE FIBER CABLE
3. 2#6, 1#6 GRD, 1"C
4. 2#10, 1#10 GRD, 3/4"C
5. 2#8, 1#8 GRD, 1"C
6. ROUTE NEW FIBER CABLE IN DUCT ABOVE CEILING IN EXISTING BUILDING.
7. THE 3" CONDUITS FOR POWER COMPANY SERVICE SHALL BE INCLUDED IN THE CONTRACTORS PRICING. INSTALL IN ACCORDANCE WITH POWER COMPANY SPECIFICATIONS.
8. CONTRACTOR SHALL FURNISH AND INSTALL A CONCRETE PAD FOR THE PAD MOUNTED TRANSFORMER. THE PAD SHALL BE IN ACCORDANCE WITH POWER COMPANY SPECIFICATIONS.
9. THE CONTRACTOR SHALL INCLUDE AN ALLOWANCE OF $20,000.00 TO PAY POWER COMPANY CHARGES FOR UNDERGROUND SERVICE.
10. QUAZITE PG SERIES 13" X 24" X 30" DEEP OPEN BOTTOM (SET OVER CRUSHED ROCK) PROVIDE 4" CONCRETE COLLAR.
11. RUN 2-3" CONDUITS INTO FIRST BOX, 3RD 3" CONDUIT INTO 2ND BOX.
12. FIELD VERIFY EXISTING CIRCUIT CONFIGURATION.

ELECTRICAL SITE PLAN

SCALE: 1"= 30'

30' 0 30' 60'

SCALE: 1"=30'-0"

LEGEND

- NEW SITE LIGHTING STANDARDS
- T POWER COMPANY PAD MOUNTED TRANSFORMER (8)(9)
- UP CONDUIT FOR POWER COMPANY UNDERGROUND PRIMARY (3-3"C)(7)
- US UNDERGROUND SECONDARY SERVICE
- UC UNDERGROUND COMMUNICATIONS CONDUIT
- UNDERGROUND LIGHTING CIRCUIT
- LIGHTING CIRCUIT HOMERUN TO PANEL
- EX EXISTING CIRCUIT

KLOCKE & ASSOCIATES, INC.
-Consulting Engineers-
102 E. Garden Street, Pensacola, Florida 32502, (850) 434-0989
C.A. #2695 JOHN I. KLOCKE, JR., P.E. #24338

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PROJECT ISSUES:

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90% SUBMITTAL	02/28/18
PERMIT SET	03/20/18
⚠ ADDENDUM A	04/25/18

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AUDIO-VISUAL
Walthall & Associates

PROJECT:

BAYVIEW COMMUNITY CENTER

The City of PENSACOLA

2000 E. LLOYD ST PENSACOLA, FLORIDA 32503

PROJECT NO. : 2416
SHEET TITLE:
ELECTRICAL SITE PLAN

SHEET NUMBER:

E001

PERMIT SET

PANEL SCHEDULE L1

BREAKER INTERRUPTING CAPACITY: 42,000
120/208V, 3ø, 4W
225 AMP M.L.O.
BRACED FOR MINIMUM 42,000 AMPS SYMMETRICAL
SURFACE MOUNTED

CKT	EQUIPMENT SERVED	BREAKER TRIP	BREAKER POLE	KVA/PHASE A	KVA/PHASE B	KVA/PHASE C	KVA/PHASE A	KVA/PHASE B	KVA/PHASE C	BREAKER POLE	BREAKER TRIP	EQUIPMENT SERVED	CKT
1	RECEPT. COMM 125	20	1	.36			.72			1	20	RECEPT. MEETING III 109	2
3	COMM 125				.36			.54				MEETING III 109/CORR. C101	4
5	COMM 125					.36			.72			MEETING III 109/EXTERIOR	6
7	MECH. 123/EXTERIOR			.54			.72					OFFICE 105	8
9	CORRIDOR C102				.72			.9				OFFCIE 104/CORR. C101	10
11	MEN 119					.36			.72			LOBBY/RECEPT. 101	12
13	EWC			.7			.36					LOBBY/RECEPT. 101	14
15	WOMEN 116				.36			1.08				FITNESS 102/CORR. C101	16
17	STORAGE 115					.36			.54			FITNESS 102/STOR. 103	18
19	EVENT SPACE 114			.72			.54					FITNESS 102	20
21	EXTERIOR				.54			.18				FITNESS 102 (TREADMILL)	22
23	EVENT SPACE 114					.36			.18			FITNESS 102 (TREADMILL)	24
25	EVENT SPACE 114			.36			.18					FITNESS 102 (TREADMILL)	26
27	EVENT SPACE 114				.9			.18				FITNESS 102 (TREADMILL)	28
29	EVENT SPACE 114					.9			.18			FITNESS 102 (TREADMILL)	30
31	PROJECTION SCREEN 114			.36			.18					UNISEX 106	32
33	PROJECTOR 114				.18			.54				MEETING I 107	34
35	PROJECTOR 114					.18			.18			MEETING I 107	36
37	IRRIGATION CONTROLS			.18			.54					MEETING I 107/STOR. 111	38
39	PREFUNCTION 112				.9			.72				MTG I 107/MTG II 110	40
41	EXTERIOR					.36			.54			MEETING II 110	42
43	TV'S FITNESS 102			.6			.1					SPRINKLER ALARM BELL	44
45	HAND DRYER UNISEX 106				1.0			.1				ACCESS CONTROL POWER SUPPLY	46
47	WOMEN 116					1.0			.2			ACCESS CONTROL SYSTEM HEADEND	48
49	MEN 119			1.0			.1					CTV HEADEND	50
51	FLUSH VALVE POWER SUPPLIES				.1			.1				PA SYSTEM AMP	52
53	SPARE											SPACE	54
55													56
57													58
59													60
61	SPACE												62
63													64
65													66
67													68
69													70
71													72

-SINGLE SECTION PANEL

TOTAL CONNECTED KVA: A 8.36 | B 9.40 | C 7.04

-PROVIDE WITH INTEGRAL SURGE SUPPRESSOR

PANEL SCHEDULE L2

BREAKER INTERRUPTING CAPACITY: 42,000
120/208V, 3ø, 4W
225 AMP M.L.O.
BRACED FOR MINIMUM 42,000 AMPS SYMMETRICAL
SURFACE MOUNTED

CKT	EQUIPMENT SERVED	BREAKER TRIP	BREAKER POLE	KVA/PHASE A	KVA/PHASE B	KVA/PHASE C	KVA/PHASE A	KVA/PHASE B	KVA/PHASE C	BREAKER POLE	BREAKER TRIP	EQUIPMENT SERVED	CKT
1	RECEPT. WASHER	20	1	1.8			1.8			1	20	AIR CURTAIN	2
3	DRYER				2.3			.18				CEILING RECEPT. CATERING	4
5						2.3			.18				6
7	RECEPT. CATERING			.18			.36					RECEPT. CATERING	8
9	MICROWAVE				1.5			.36					10
11	REFRIG/FREEZER					.7			1.0			ICE MAKER	12
13	HEATED CABINET			1.4			.9					KSF#1	14
15	CATERING				.18			.9				KEF#1	16
17	RANGE (1)					.7			1.0			PIPING HEAT TRACE	18
19	SHUNT TRIP SPACE						.6					GAS WATER & PUMP	20
21	SHUNT TRIP POWER							.2		2	15	EF-6	22
23	RECEPT. CATERING					.18			1.0	2	15	DHPU#1	24
25	VAV BOX			.2			1.0						26
27					.1			.1		1	20	FIRE ALARM CONTROL PANEL	28
29						.1			.5			DRY SPRINKLER AIR COMPRESSOR	30
31	INSTANT WATER HEATER	30	2	2.0								SPARE	32
33					2.0								34
35	DDC PANELS	20	1			.2							36
37				.2									38
39	SPACE												40
41													42

-SINGLE SECTION PANEL

TOTAL CONNECTED KVA: A 10.44 | B 7.82 | C 7.86

-PROVIDE WITH INTEGRAL SURGE SUPPRESSOR
(1) PROVIDE WITH 120V SHUNT TRIP INTERLOCK WITH HOOD EXTINGUISHING SYSTEM.

PANEL SCHEDULE L3

BREAKER INTERRUPTING CAPACITY: 22,000
120/208V, 3ø, 4W
225 AMP M.L.O.
BRACED FOR MINIMUM 22,000 AMPS SYMMETRICAL
FLUSH MOUNTED

CKT	EQUIPMENT SERVED	BREAKER TRIP	BREAKER POLE	KVA/PHASE A	KVA/PHASE B	KVA/PHASE C	KVA/PHASE A	KVA/PHASE B	KVA/PHASE C	BREAKER POLE	BREAKER TRIP	EQUIPMENT SERVED	CKT
1	LIGHTING INTERIOR	20	1	.9			1.2			1	20	LIGHTING INTERIOR	2
3					.8			1.1					4
5						.8			1.1				6
7				.3			.6					LIGHTING EXTERIOR (1)	8
9					.4			.6				(1)	10
11						.6			.7			(1)	12
13				.9			.8					(1)	14
15	EMERGENCY INVERTER	50	2		1.8			.6				(1)	16
17						1.8			.6			(1)	18
19	SPARE	20	1				1.0					(1)	20
21								.7				SITE LIGHTING (1)	22
23									.8				24
25							1.0					SITE LIGHTING (1)	26
27								1.0					28
29									.8			SITE LIGHTING (1)	30
31							.6						32
33	SPACE							.1				PYLON LIGHTING (1)	34
35									1.0			DOCK LIGHTING (1)	36
37												SPARE	38
39													40
41													42

TOTAL CONNECTED KVA: A 7.30 | B 7.10 | C 8.20

-PROVIDE WITH INTEGRAL SURGE SUPPRESSOR
(1) ROUTE THRU RELAY

PANEL SCHEDULE BS

BREAKER INTERRUPTING CAPACITY: 22,000
120/208V, 3ø, 4W
150 AMP MAIN BREAKER (2) (A)
BRACED FOR MINIMUM 22,000 AMPS SYMMETRICAL
FLUSH MOUNTED (1)

CKT	EQUIPMENT SERVED	BREAKER TRIP	BREAKER POLE	KVA/PHASE A	KVA/PHASE B	KVA/PHASE C	KVA/PHASE A	KVA/PHASE B	KVA/PHASE C	BREAKER POLE	BREAKER TRIP	EQUIPMENT SERVED	CKT
1	RECEPT. OFFICE 128	20	1	.72			.7			1	20	RECEPT. EWC EXTERIOR	2
3	BOAT STORAGE 127				.54			.18				FAMILY 132	4
5	BOAT STORAGE 127/EXTERIOR					.54			.18			MEN 130	6
7	BOAT STORAGE 127/EXTERIOR			.72			.54					OFFICE 131/EXTEIOR	8
9	HAND DRYER WOMEN 129				1.0			.54				OFFICE 131	10
11	FAMILY 132					1.0						SPARE	12
13	MEN 130			1.0			.18					RECEPT. WOMEN 129	14
15	DHPU#2	15	2		1.0			.1				GAS WATER HEATER & PUMP	16
17						1.0			1.0			VF#1	18
19	DHPU#3	15	2	1.0			1.0					VF#2	20
21					1.0			1.5				EUH#1	22
23	LIGHTING BOAT STORAGE	20	1			.5			.75			EUH#2	24
25				.5			1.5					EUH#3	26
27					.5			1.0				HEAT TRACE	28
29	OFFICE/STORAGE/TOILET					.5			1.0			HEAT TRACE	30
31	ACCESS CONTROL POWER SUPPLY			.1			1.3			2	25	ICE MAKER	32
33	SPACE							1.3					34
35									.6	1	20	BOTTLE FILLER	36
37												SPARE	38
39													40
41													42
43												SPACE	44
45													46
47													48
49													50
51													52
53													54
55													56
57													58
59													60

(A) -SINGLE SECTION PANEL
-PROVIDE WITH INTEGRAL SURGE SUPPRESSOR.

TOTAL CONNECTED KVA: A 9.26 | B 8.66 | C 7.07

(1) STUB 4-3/4"C AND 2-1"C TO ABOVE CEILING FOR FUTURE.
(2) BREAKER SHALL BE SEPARATELY MOUNTED (BACK FED MAIN IS NOT ALLOWED) BREAKER SHALL HAVE LSI TRIP UNIT SQUARE D MICROLOGIC STANDARD OR EQUAL.
(A)

MAIN DISTRIBUTION PANEL SCHEDULE MP

120/208V, 3ø, 4W
1000 AMP MAIN BREAKER (1)
42,000 AIC

CIRCUIT NUMBER	LOAD DESCRIPTION	CIRCUIT BREAKER AMP/POLE	LOAD
1	AIR COOLED CHILLER	350/3 (2)	105.8 KVA
2	AHU-1	90/3 (3)	15 H.P.
3	AHU-2	50/3 (3)	7.5 H.P.
4	AHU-3	50/3 (3)	7.5 H.P.
5	CWP#1	35/3 (3)	5 H.P.
6	HWP#1	15/3 (3)	1 H.P.
7	PANEL L1	125/3 (2)	24.8 KVA
8	PANEL L2	125/3 (2)	26.12 KVA
9	PANEL L3	125/3 (2)	22.2 KVA
10	PANEL BS	150/3 (2)	24.39 KVA
11	SPARE	100/3	
12	SPARE	100/3	
13	SPACE	225/3	
14	SPACE	225/3	
15	SPACE	225/3	

(A)
(1) MAIN BREAKER SHALL BE SEPARATELY MOUNTED (BACK FED MAIN IS NOT ALLOWED) MAIN BREAKER SHALL HAVE LSI TRIP UNIT MICROLOGIC STANDARD 5.0 OR EQUAL.
(2) PROVIDE WITH LSI TRIP UNIT SQUARE D MICROLOGIC STANDARD 5.0 OR EQUAL
(3) THERMAL MAGNETIC
(4) AS PART OF THE POWER EQUIPMENT SUBMITTAL THE MANUFACTURER SHALL PREPARE A SHORT CIRCUIT, COORDINATION AND ARC FLASH STUDY (PROVIDE ARC FLASH LABELS AND APPLY TO PANELBOARDS) PROVIDE THE SERVICE OF A FACTORY TRAINED TECHNICIAN TO IMPLEMENT THE CIRCUIT BREAKER TRIP SETTING.

(A)
-PROVIDE WITH INTEGRAL SURGE SUPPRESSOR. MP MAY BE PANELBOARD OR SWITCHBOARD CONSTRUCTION MAXIMUM DIMENSIONS 42" WIDE, 18" DEEP, 90" TALL. PROVIDE 4" HIGH CONCRETE HOUSEKEEPING PAD.

RELAY PANEL SCHEDULE R1

120/208V

CIRCUIT NUMBER	LOAD DESCRIPTION	PANEL CIRCUIT NUMBER
1	RECEPT. OFFICE 105	L1-8
2	RECEPT. OFFICE 104	L1-10
3	RECEPT. RECEPTION	L1-14
4	BUILDING MOUNTED EXTERIOR LIGHTING	L3-8
5	BUILDING MOUNTED EXTERIOR LIGHTING	L3-10
6	BUILDING MOUNTED EXTERIOR LIGHTING	L3-12
7	BUILDING MOUNTED EXTERIOR LIGHTING	L3-14
8	BUILDING MOUNTED EXTERIOR LIGHTING	L3-16
9	BUILDING MOUNTED EXTERIOR LIGHTING	L3-18
10	BUILDING MOUNTED EXTERIOR LIGHTING	L3-20
11	SITE LIGHTING	L3-22/24
12		
13	SITE LIGHTING	L3-26/28
14		
15	SITE LIGHTING	L3-30/32
16		
17	PYLON SIGN	L3-34
18	DOCK LIGHTING	L3-36
19	SPARE RELAY	
20		
21		
22		
23		
24		

NOTE: RELAY PANEL SHALL HAVE AN INTEGRAL CLOCK AND PHOTOCELL INPUT (WALL MOUNT PHOTOCELL ON NORTH WALL OF STORAGE BUILDING)
-PROGRAM AS DIRECTED BY THE OWNER.
-PROVIDE OVERRIDE SWITCH TO ALLOW REMOTE ENERGIZATION OF CIRCUITS 1, 3 AND 5 AT RECEPTION DESK (INSTALL IN RECEPTION DESK CONNECT TO RELAY PANEL)

RELAY PANEL SCHEDULE R2

120V

CIRCUIT NUMBER	LOAD DESCRIPTION	PANEL CIRCUIT NUMBER
1	EXTERIOR EXIT LIGHTING	EM-7
2	EXTERIOR EXIT LIGHTING	EM-9
3	SPARE RELAY	
4	SPARE RELAY	

GENERAL NOTE

-FIELD INSTALLED PANEL DIRECTORIES SHALL INCLUDE FINAL ROOM DESIGNATIONS AS DIRECTED BY THE OWNERS REPRESENTATIVE. DIRECTORIES SHALL INCLUDE COMPLETE INFORMATION AS REQUIRED BY NEC PARAGRAPH 408.4

(A)
-PROVIDE THE SERVICES OF A FACTORY TRAINED TECHNICIAN FOR SETTING THE LSI TRIP UNITS (SETTING VALUES WILL BE PROVIDED BY THE A/E)

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License No: AA26000721 | License No: IB0000995

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DESIGN DEVELOPMENT	10/13/17
90% SUBMITTAL	02/28/18
PERMIT SET	03/20/18
(A) ADDENDUM A	04/25/18

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TELECOMMUNICATION
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AUDIO-VISUAL
Walthall & Associates

PROJECT:
BAYVIEW COMMUNITY CENTER

The City of PENSACOLA

2000 E. LLOYD ST
PENSACOLA, FLORIDA
32503

PROJECT NO. : 2416
SHEET TITLE:
PANEL SCHEDULES

SHEET NUMBER:
E002

PERMIT SET

KLOCKE & ASSOCIATES, INC.
-Consulting Engineers-
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C.A. #2695 JOHN I. KLOCKE, JR., P.E. #24338

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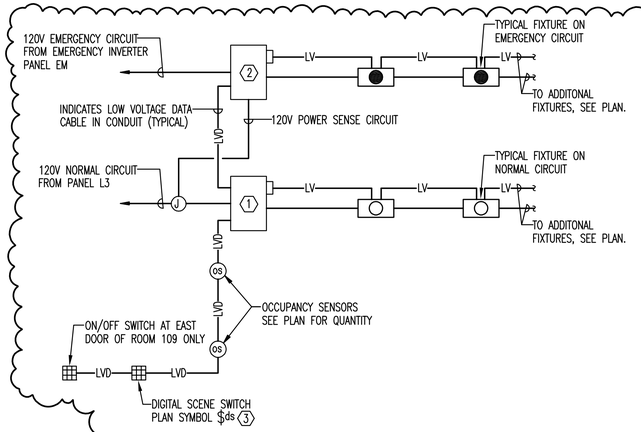
LIGHTING FIXTURE SCHEDULE

MARK	MANUFACTURER AND CATALOG No.	SOURCE LUMEN PACKAGE	MOUNTING	REMARKS
L22	LITHONIA 2VTL2-40L-ADP-MVOLT-EZB-LP835	LED 4000 LUMENS 35 WATTS	RECESSED	
L22A	LITHONIA 2TL2-20L-A12-WZ1-LP835	LED 2000 LUMENS 18 WATTS	RECESSED	
A L24	LITHONIA 2VTL4-48L-ADP-EZ1-LP835	LED 4800 LUMENS 39 WATTS	RECESSED	
L24A	LITHONIA 2TL4-40L-FW-A12-MVOLT-EZ1-LP840	LED 4000 LUMENS 32 WATTS	RECESSED	
L24AE	LITHONIA 2TL4-40L-FW-A12-MVOLT-EZ1-LP840-EL14L	LED 4800 LUMENS	RECESSED	
LT14	LITHONIA TL4-30L-FW-A19-EZ1-LP835-DGA14	LED 3000 LUMENS 30 WATTS	RECESSED	
LT14E	LITHONIA TL4-30L-FW-A19-EZ1-LP835-DGA14-EL14L	LED 3000 LUMENS 39 WATTS	RECESSED	
LI	LITHONIA ZL2N-L46-3000LM-MDD-MVOLT-40K-BOCRI-WH	LED 3000 LUMENS 42 WATTS	PENDANT	
A SH	GOTHAN EVO-35-25-6-DFR-MVOLT-EZ10	LED 2500 LUMENS	RECESSED	
L14	PRUDENTIAL BIO-STD-LED35-50-4'-CC-SAL-D1-SC-UNV-DMO1-PRUBIN	LED 3600 LUMENS 40 WATTS	RECESSED	
LGF	PRUDENTIAL B10-STD-LED35-4'-TMW-SAL-D1-SC-UNV-X7BF-DM10	LED 3000 LUMENS 40 WATTS	RECESSED	
LG	JLC TECH TBSL-MW-4-15-D-U-W PROVIDE WITH TBSL-DIM-UNV POWER SUPPLIES (QUANTITY AS REQUIRED)	LED	TBAR	
FP12	PRUDENTIAL BIO-LIN-LED35-MO-LO-12-TMW-SAL-D1-CW-DC-UNV-CA48-X3-DMOI-PRUBIN	LED 1175 LUMENS PER FT./138 WATTS	PENDANT	
FP16	PRUDENTIAL BIO-LIN-LED35-MO-LO-16-TMW-SAL-D1-CW-DC-UNV-CA48-X3-DMOI-PRUBIN	LED 1175 LUMENS PER FT./184 WATTS	PENDANT	
FP24	PRUDENTIAL BIO-LIN-LED35-MO-LO-24-TMW-SAL-D1-CW-DC-UNV-CA48-X3-DMOI-PRUBIN	LED 1175 LUMENS PER FT./276 WATTS	PENDANT	
FP28	PRUDENTIAL BIO-LIN-LED35-MO-LO-28-TMW-SAL-D1-CW-DC-UNV-CA48-X3-DMOI-PRUBIN	LED 1175 LUMENS PER FT./322 WATTS	PENDANT	
A LV	EATON GRV-124-FA-LD4-32-35-P156-EDC1-PAF-SL-DFCL	LED 3200 LUMENS 3500K 24 WATTS	RECESSED (FLANGE)	
A LB	WALL MOUNTED VANITY LIGHT TO BE SELECTED ALLOW $300.00 EACH	–	WALL	
RA	GOTHAM EVO-35-2000-4WR-WD-LD-MVOLT	LED 2000 LUMENS 9.6 WATTS	RECESSED	
RB	GOTHAM ICOSQ-30-4AR-LD-25D-EZ10	LED 3000 LUMENS 39 WATTS	RECESSED	
⊗FX	LITHONIA LV-S-W-1-R-120/277-4X	– –	WALL	
⊗	LITHONIA LQM-S-W-3-R-120/277-ELN	LED 5 WATTS	WALL OR CEILING AS INDICATED	
BP	LITHONIA WLTUMR	– –	WALL	
LS	ARCHITECTURAL AREA LIGHTING K4-T4-7040-WIR-SWUSB-PS414-125-COLOR	LED 7500 LUMENS 64 WATTS	CONCRETE FOUNDATION SEE DETAIL ②	①
A LS1	LITHONIA LUMINAIRE(1) DSX1LED-P7-40K-T3M-208-RPA-HS-EGS-FINISH FAO ③ POLE 25' ROUND NON-TAPERED ALUMINUM SEE MOUNTING DETAIL	LED 19,000 LUMENS 183 WATTS	CONCRETE FOUNDATION SEE DETAIL	②
LS2	LITHONIA LUMINAIRE(1) DSX1LED-P7-40K-T3M-208-RPA-HS-EGS-FINISH FAO ③ POLE 25' ROUND NON-TAPERED ALUMINUM SEE MOUNTING DETAIL	LED 19,000 LUMENS 183 WATTS	CONCRETE FOUNDATION SEE DETAIL	②
UL	HYDREL PDV7-SS-WHT41K-MVOLT-MFL-FLC-345-RG	LED 14 WATTS	FLUSH GROUND MOUNTED PROVIDE CONCRETE COLLAR	

A ① PROVIDE THE SERVICES OF A FACTORY TRAINED TECHNICIAN TO PROGRAM THE WIR FEATURE.
② SEE DETAIL ON STRUCTURAL DRAWINGS.
A ③ FIELD ADJUST OUTPUT AS DIRECTED BY THE OWNERS REPRESENTATIVE.

NOTE: MANUFACTURERS AND CATALOG NUMBERS INDICATED ARE INTENDED TO ESTABLISH THE SPECIFIC TYPE AND QUALITY OF FIXTURES REQUIRED. EQUIVALENT FIXTURES MAY BE UTILIZED BUT THEY MUST MEET THE SAME REQUIREMENTS INCLUDING DESIGN FEATURES, QUALITY AND FUNCTION OF THE SPECIFIED FIXTURES.



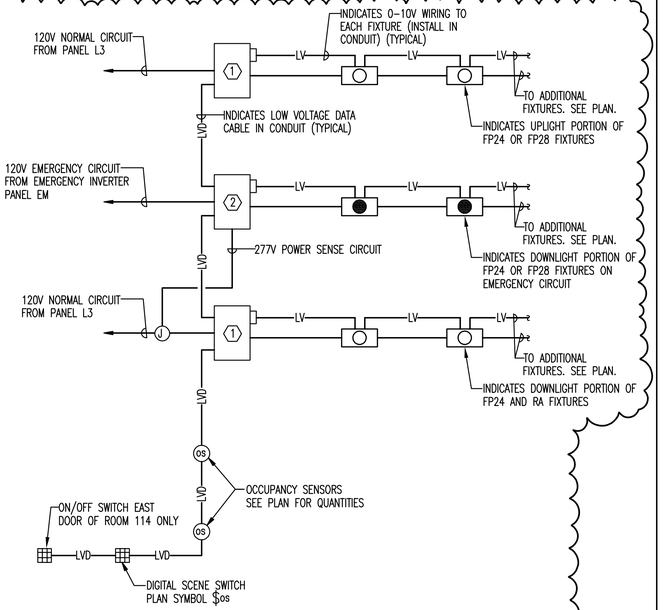
LIGHTING CONTROL DIAGRAM

TYPICAL FOR ROOMS 107, 109, 110 AND 101

① ROOM CONTROLLER WITH 0-10V DIMMING BASIS OF DESIGN ACUITY NPP16D, PLAN SYMBOL rc

② ROOM CONTROLLER WITH 0-10V DIMMING AND EMERGENCY FUNCTION, BASIS OF DESIGN ACUITY NPPDER, PLAN SYMBOL rce

③ BASIS OF DESIGN ACUITY NPOD SERIES. PROVIDE WITH ON/OFF/RAISE/LOWER CONTROL.



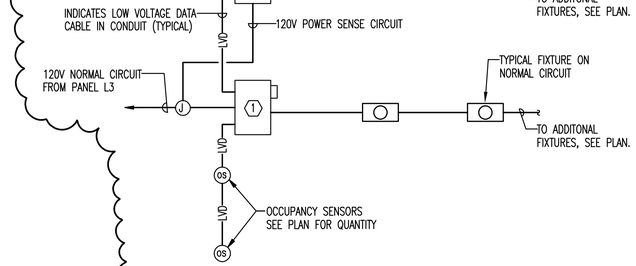
LIGHTING CONTROL DIAGRAM

TYPICAL FOR ROOMS 102 AND 114

① ROOM CONTROLLER WITH 0-10V DIMMING BASIS OF DESIGN ACUITY NPP16D, PLAN SYMBOL rc

② ROOM CONTROLLER WITH 0-10V DIMMING AND EMERGENCY FUNCTION, BASIS OF DESIGN ACUITY NPPDER, PLAN SYMBOL rce

③ BASIS OF DESIGN ACUITY NPOD SERIES. PROVIDE WITH ON/OFF/RAISE/LOWER CONTROL OF EACH ZONE (2-ZONES)



LIGHTING CONTROL DIAGRAM

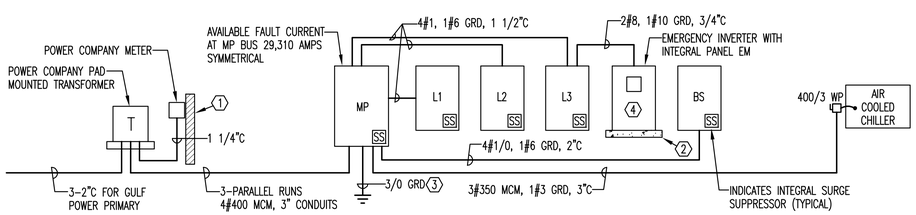
TYPICAL FOR ROOMS C102, C103, 112, 116 AND 119.

① ROOM CONTROLLER BASIS OF DESIGN ACUITY NPP16D, PLAN SYMBOL rc

② ROOM CONTROLLER WITH EMERGENCY FUNCTION, BASIS OF DESIGN ACUITY NPPDER, PLAN SYMBOL rce

LIGHTING CONTROL GENERAL NOTES

1. CONTRACTOR SHALL PROVIDE SYSTEM PROGRAMMING BY A FACTORY AUTHORIZED TECHNICIAN. PROGRAMMING SHALL BE AS DIRECTED BY THE OWNERS REPRESENTATIVE. PROVIDE FOLLOW UP PROGRAMMING 60 DAYS AFTER BENEFICIAL OCCUPANCY. PROGRAMMING SHALL BE PROVIDED FOR ROOM CONTROLS AND RELAY CONTROLS.
2. OCCUPANCY SENSORS SHALL BE DUAL TECHNOLOGY TYPE.
3. ALL WIRING (INCLUDING LOW VOLTAGE) SHALL BE IN CONDUIT. WHERE DEVICES ARE NOT CONDUIT COMPATIBLE STOP CONDUIT WITH SMOOTH BUSHING 2" FROM THE DEVICE.
4. PROVIDE ALL REQUIRED WIRING AND EQUIPMENT FOR A FULLY FUNCTIONAL SYSTEM WITH ADDITIONAL COMPONENTS AND OR WIRING AS REQUIRED.
5. ROOM CONTROLLERS SHALL BE LOCATED IN AN ACCESSIBLE LOCATION ABOVE THE CEILING. MOUNT SUCH THAT THEY CAN BE READILY ACCESSED WITHOUT MOVING FURNITURE.
6. PROVIDE SHOP DRAWINGS WITH DETAILED WIRING DIAGRAMS FOR EACH ROOM.



POWER RISER DIAGRAM

① PROVIDE NOMINAL 6" X 6" PRECAST CONCRETE MOUNTING POST

② PROVIDE 4" HIGH CONCRETE HOUSEKEEPING PAD

③ CONNECT TO SLAB STEEL, BUILDING STEEL, METALLIC WATER PIPING AND 1-3/4" X 20'-0" COPPER CLAD STEEL GRD ROD)GROUND ROD ON BUILDING EXTERIOR)

④ EMERGENCY INVERTER 4800 VA, 208V INPUT, 120V OUTPUT. BASIS OF DESIGN LITHONIA EAC-LC20-FT-4800-208/120-QB6-12HR-MBYP (20 YEAR LEAD CALCIUM BATTERIES, 6-20/1 OUTPUT CIRCUIT BREAKERS, PANEL DESIGNATION EM, MAINTENANCE BYPASS SWITCH)

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Walthall & Associates

PROJECT:

BAYVIEW COMMUNITY CENTER

The City of PENSACOLA

2000 E. LLOYD ST PENSACOLA, FLORIDA 32503

PROJECT NO. : 2416
SHEET TITLE:
LIGHTING FIXTURE SCHEDULE
POWER RISER DIAGRAM

SHEET NUMBER:

E003

PERMIT SET

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LEGEND

- NOMINAL 2'X2' RECESSED LED LIGHTING FIXTURE
- NOMINAL 2'X4' RECESSED LED LIGHTING FIXTURE
- INDICATES FIXTURE CONNECTED TO EMERGENCY CIRCUIT OR WITH BATTERY PACK
- LINEAR LED LIGHTING FIXTURE
- LINEAR LED LIGHTING WITH A PORTION CONNECTED TO EMERGENCY LIGHTING CIRCUIT
- RECESSED DOWN LIGHT
- EXIT LIGHT
- EXIT LIGHT BATTERY PACK COMBINATION
- EMERGENCY LIGHTING UNIT BATTERY PACK
- $os OCCUPANCY WALL SWITCH
- $ds DIGITAL LIGHTING CONTROLLER
- $ SINGLE POLE LIGHTING SWITCH
- OS CEILING MOUNTED OCCUPANCY SENSOR (MOUNT FLUSH IN CEILING IN AREAS WITH LAY-IN CEILINGS, IN AREAS WITH EXPOSED STRUCTURE MOUNT IN STRUCTURE FOR OPTIMAL COVERAGE)
- RC ROOM CONTROLLER (NORMAL)
- RCE ROOM CONTROLLER (EMERGENCY)
- CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALLS
- CIRCUIT RUN EXPOSED RUN PARALLEL AND PERPINDICULAR TO STRUCTURE
- HOMERUN TO PANELBOARD ANY CIRCUIT WITHOUT FURTHER DESIGNATION 2#12, 1#12 GRD, 1/2"C 3#12, 1#12 GRD ,1/2"C ETC. NOTE: ALL 120V CIRCUITS SHALL HAVE SEPARATE NEUTRAL (DO NOT SHARE NEUTRALS) ALL WIRE COUNTS ARE APPROXIMATE. FIELD COORDINATE FOR FUNCTIONS INDICATED. COMBINE A MAXIMUM OF 3-120V CIRCUITS IN A CONDUIT (ALL 208V CIRCUITS SHALL BE IN SEPARATE CONDUITS)

PARTIAL LIGHTING PLAN PART A

SCALE: 1/8"= 1'-0"

8' 0' 8' 16'

GRAPHIC SCALE 1/8"=1'-0"

GENERAL NOTES

-ALL ▬ FIXTURES THIS SHEET SHALL BE MARK L14 UNLESS NOTED OTHERWISE

-ALL ▪ FIXTURES THIS SHEET SHALL BE MARL RB UNLESS NOTED OTHERWISE

-PROVIDE LOW VOLTAGE CABLE PER MANUFACTURERS RECOMMENDATIONS FROM DIGITAL SWITCHES TO ROOM CONTROLLERS AND FROM OCCUPANCY SENSORS TO ROOM CONTROLS. CABLES SHALL BE RUN IN CONDUIT.

A -ALL LOW VOLTAGE WIRING SHALL BE RUN IN CONDUIT AND SHALL BE SEPARATE FROM LINE VOLTAGE WIRING.

KEY NOTES

1. LIGHTING LAYOUT IN MECHANICAL ROOM OS APPROXIMATE. FIELD LOCATE IN COORDINATION WITH EQUIPMENT, PIPING, ETC.
2. BOTTOM OF FIXTURES NOMINAL 14'-0" AFF.
3. DOWN LIGHT PORTION OF FIXTURE FP24 IS ON AN EMERGENCY CIRCUIT.
4. DOWN LIGHT PORITON OF FIXTURE FP28 IS ON AN EMERGENCY CIRCUIT.
5. SH FIXTURES ARE CONTROLLED BY LOCAL SWITCH ONLY (NOT CONTROLLED BY OCCUPANCY SENSOR)
6. ROUTE THRU RELAY
7. INSTALL RELAY PANEL OVERRIDE SWITCH IN RECEPTACLE DESK (ROUTE 3/4"C WITH CABLE PER MANUFACTURERS RECOMMENDATIONS TO RELAY PANEL R1)
8. ROOMS INDICATED REQUIRE 0-10V WIRING (IN CONDUIT) FROM FIXTURES TO ROOM CONTROLLERS.

A 9. ROUTE THRU ROOM CONTROLLERS (MOUNT ROOM CONTROLLERS FOR THESE CIRCUITS ADJACENT TO RELAY PANEL) PROVIDE DIGITAL SWITCHES FOR EACH OF THESE 3-CIRCUITS AT THE RECEPTION COUNTER (EACH SWITCH SHALL HAVE ON/OFF AND RAISE/LOWER CONTROLS. CIRCUITS L3-14, L3-16 SHALL ALSO INCLUDE 0-10V WIRING (IN CONDUIT) FROM FIXTURES TO ROOM CONTROLLERS.

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PROJECT:

BAYVIEW COMMUNITY CENTER

The City of PENSACOLA

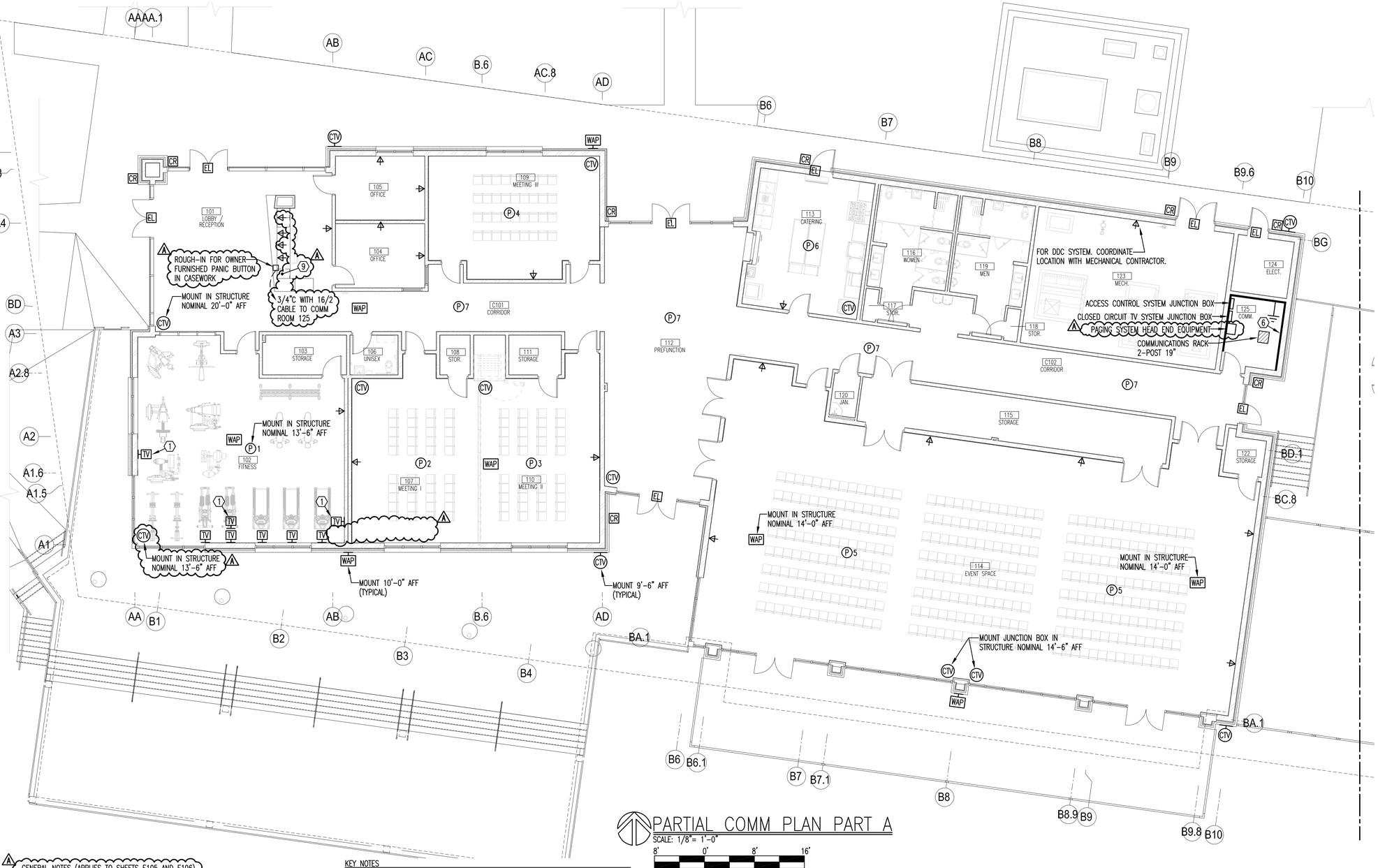
2000 E. LLOYD ST PENSACOLA, FLORIDA 32503

PROJECT NO. : 2416
SHEET TITLE:
PARTIAL LIGHTING PLAN PART A

SHEET NUMBER:

E101

PERMIT SET



PARTIAL COMM PLAN PART A

SCALE: 1/8"= 1'-0"

8' 0' 8' 16'

GRAPHIC SCALE 1/8"=1'-0"

GENERAL NOTES (APPLIES TO SHEETS E105 AND E106)

-ALL SYSTEM SHALL BE PROVIDED WITH CONDUIT WITH HOMERUNS TO COMM ROOM 125. MINIMUM CONDUIT SIZE SHALL BE 3/4".

-OUTLETS MAY BE COMBINED IN COMMON HOMERUNS

-TELEDATA-2 CABLES 3/4", 3-6 CABLES 1", 7-10 CABLES 1 1/4"

-CABLE TV-2 CABLES 3/4", 3-6 CABLES 1", 7-10 CABLES 1 1/4"

-PAGING-4 CABLES 3/4", 5-10 CABLES 1"

-CTV-1 OUTLET 3/4", 2-4 OUTLETS 1", 6-10 OUTLETS 1 1/4"

-SEE ACCESS CONTROL DETAIL SHEET E106 FOR ACCESS CONTROL CONDUIT

-PROVIDE PULL STRINGS IN ALL EMPTY CONDUITS

A -ALL CONDUITS FOR COMMUNICATIONS SYSTEMS SHALL BE RUN IN WALLS, ABOVE CEILINGS OR IN STRUCTURES. DO NOT RUN IN OR BELOW THE FLOOR SLAB EXCEPT AT THE RECEPTION DESK.

KEY NOTES

1. MOUNT TV OUTLETS 10'-6" AFF (ABOVE MIRRORS)
2. RUN DATA CABLES (1-PER OUTLET) TO PATCH PANELS IN COMMUNICATIONS RACK. RUN TELE CABLES (1-PER OUTLET) TO 66 BLOCKS ON BACKBOARD.
3. HOMERUN TO CTV JUNCTION BOX IN COMM ROOM 125
4. PROVIDE 1-RG6 CABLE PER OUTLET WITH HOMERUN TO COMM ROOM 125. PROVIDE FACEPLATE WITH CONNECTOR AT OUTLET END. PROVIDE CONNECTORS ON CABLE ENDS IN COMM ROOM WITH 20' OF SLACK CABLE FOR TERMINATION BY CABLE UTILITY COMPANY.
5. ACCESS CONTROL SYSTEM AND CLOSED CIRCUIT TV SYSTEM ARE OWNER FURNISHED CONTRACTOR INSTALLED. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE OWNERS REPRESENTATIVE.
6. 3/4" X 8' PLYWOOD BACKBOARD (FIRE TREATED) PAINTED (ON 3-WALLS)
7. PROVIDE GROUND BAR AND ALL SYSTEMS. PROVIDE 1/0 COPPER GROUND TO SERVICE GROUND.
8. CONTRACTOR SHALL INSTALL A CAT 6 CABLE IN CONDUIT FROM EACH CAMERA JUNCTION BOX TO COMM ROOM 125. LEAVE 3' OF SLACK CABLE AT CAMERA AND 20' OF SLACK CABLE IN COMM ROOM. TERMINATE ON EACH END AND TEST CABLE.
9. PROVIDE ROUGH-IN FOR CCTV MONITOR AT RECEPTION DESK. PROVIDE 1" CONDUIT WITH PULL STRING TO ROOM 125.

COMM LEGEND

WAP	CONNECTION FOR CEILING MOUNTED WIRELESS ACCESS POINT (1-CAT 6 CABLE)(2)
WAP	CONNECTION FOR WALL MOUNTED WIRELESS ACCESS POINT (1-CAT 6 CABLE)(2)
	TELEPHONE/DATA OUTLET MOUNT 48" AFF UNLESS NOTED OTHERWISE (2-RJ45 CAT-6 JACKS, 2-CAT 6 CABLES)(2)
CR	ROUGH-IN FOR ACCESS CONTROL CARD READER MOUNT 48" AFF(5)
EL	ROUGH-IN FOR ACCESS CONTROL SYSTEM ELECTRIC LOCK
CTV	ROUGH-IN FOR CLOSED CIRCUIT TV CAMERA (WALL MOUNTED)(3)(5)(8)
CTV	ROUGH-IN FOR CLOSED CIRCUIT TV CAMERA (CEILING MOUNTED) INSTALL ABOVE CEILING IN ACCESSABLE LOCATION IN AREAS WITH LAY-IN CEILINGS. INSTALL IN STRUCTURE FOR AREAS WITH CEILINGS(3)(5)(8)
TV	CABLE TV WALL OUTLET MOUNT 18" AFF UNLESS NOTED OTHERWISE(4)
P	SURFACE WALL MOUNTED PAGING SPEAKER. MOUNT 10'-0" AFF.
P	A PAGING SYSTEM CEILING SPEAKER (FLUSH CEILING MOUNTED IN AREA WITH LAY-IN CEILINGS, PENDANT MOUNTED IN AREAS WITH EXPOSED STRUCTURE) LOCATE IN STRUCTURE FREE FROM OBSTRUCTIONS. NUMERAL INDICATES ZONE (PROVIDE 1-SPEAKER CABLE PER ZONE WITH HOMERUN TO COMM ROOM 125. TYPICAL)

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PROJECT:

BAYVIEW COMMUNITY CENTER

The City of PENSACOLA

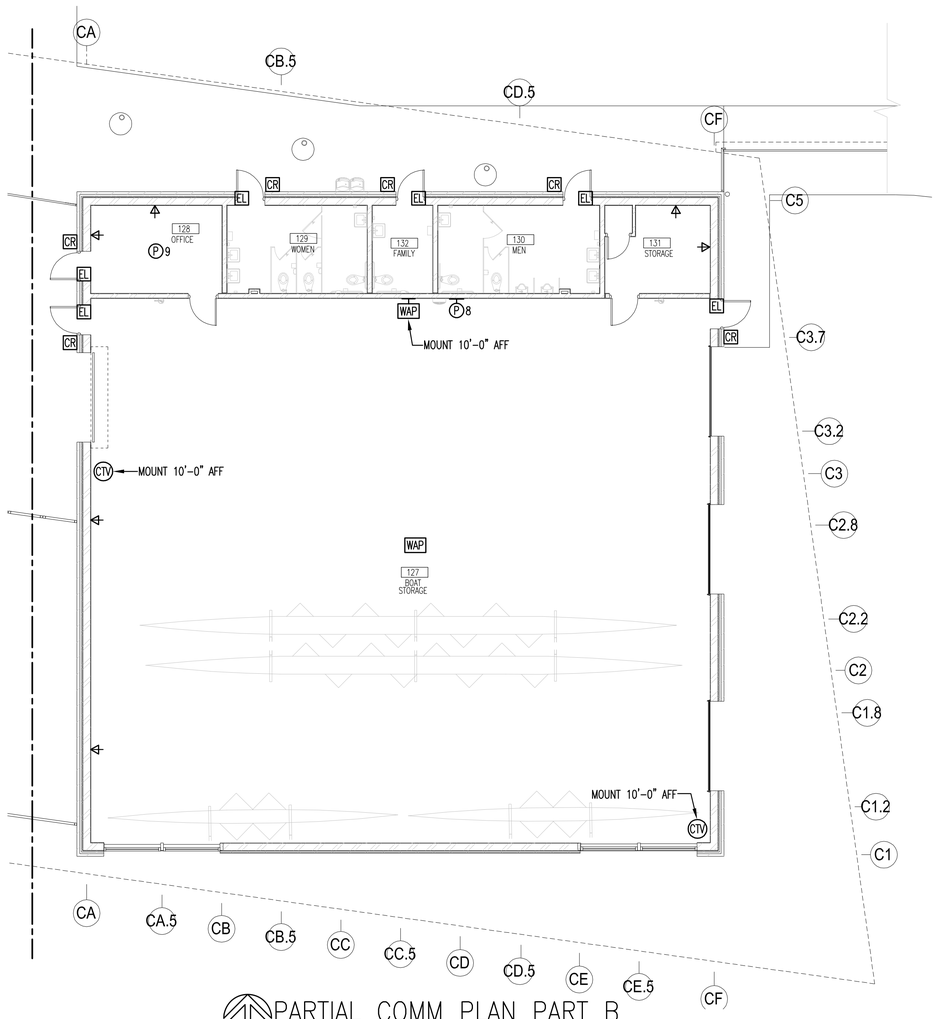
2000 E. LLOYD ST PENSACOLA, FLORIDA 32503

PROJECT NO. : 2416
SHEET TITLE:
PARTIAL COMM PLAN PART A

SHEET NUMBER:

E105

PERMIT SET



PARTIAL COMM PLAN PART B

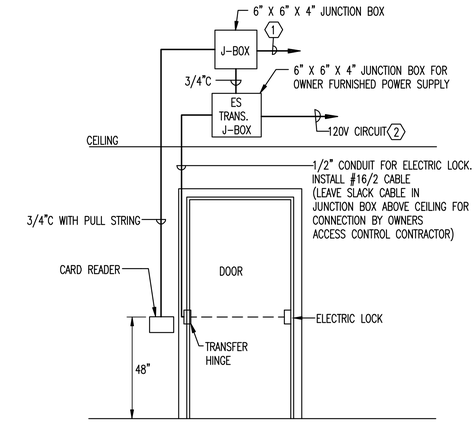
SCALE: 1/8"= 1'-0"

8' 0' 8' 16'

GRAPHIC SCALE 1/8"=1'-0"

NOTES

-SEE SHEET E105 FOR COMM LEGEND



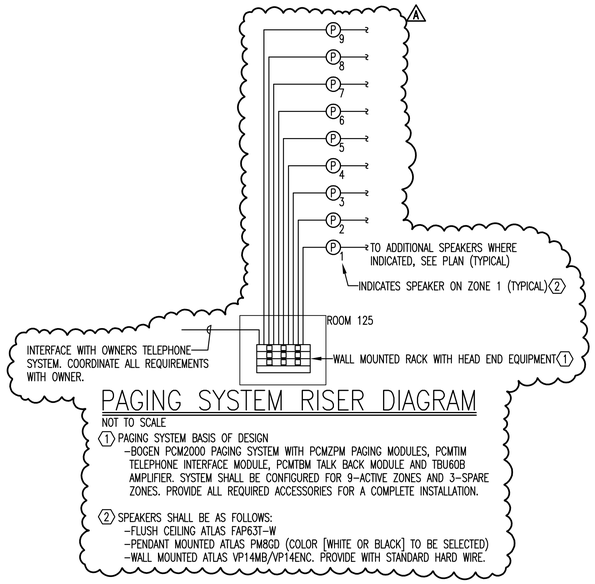
DOOR ACCESS CONTROL CONNECTION DETAIL

NOT TO SCALE

1. 3/4"C WITH PULL STRING TO COMM ROOM 125 JUNCTION BOX. (NOTE: 3-DOORS MAY BE COMBINED IN A HOMERUN, 1" CONDUIT FOR 3-DOORS)
2. IN MAIN BUILDING CONNECT TO L1-46
3. IN BOAT STORAGE BUILDING CONNECT TO BS-31

GENERAL NOTES

A 1. COORDINATE ALL ROUGH-IN REQUIREMENTS WITH OWNERS ACCESS CONTROL CONTRACTOR.



PAGING SYSTEM RISER DIAGRAM

NOT TO SCALE

1. PAGING SYSTEM BASIS OF DESIGN
   -BOGEN PCM2000 PAGING SYSTEM WITH PCMZPM PAGING MODULES, PCMTIM TELEPHONE INTERFACE MODULE, PCMTBM TALK BACK MODULE AND TBU60B AMPLIFIER. SYSTEM SHALL BE CONFIGURED FOR 9-ACTIVE ZONES AND 3-SPARE ZONES. PROVIDE ALL REQUIRED ACCESSORIES FOR A COMPLETE INSTALLATION.

2. SPEAKERS SHALL BE AS FOLLOWS:
   -FLUSH CEILING ATLAS FAP63T-W
   -PENDANT MOUNTED ATLAS PM8GD (COLOR [WHITE OR BLACK] TO BE SELECTED)
   -WALL MOUNTED ATLAS VP14MB/VP14ENC. PROVIDE WITH STANDARD HARD WIRE.

CALDWELL ASSOCIATES | ARCHITECTS
116 N TARRAGONA STREET, PENSACOLA, FL 32502
(850) 432 9500 | CALDWELL-ASSOC.COM
License No: AA26000721 | License No: IB0000995

PROJECT ISSUES:

SCHEMATIC DESIGN	07/13/17
DESIGN DEVELOPMENT	10/13/17
90% SUBMITTAL	02/28/18
PERMIT SET	03/20/18
A ADDENDUM A	04/25/18

PROJECT TEAM:

CIVIL
Kenneth Horne & Associates, Inc.
STRUCTURAL
Joe DeReuil Associates, LLC
ARCHITECTURAL
Caldwell Associates
FIRE PROTECTION
H.M. Yonge & Associates
PLUMBING
H.M. Yonge & Associates
MECHANICAL
H.M. Yonge & Associates
ELECTRICAL
Klocke & Associates
TELECOMMUNICATION
Klocke & Associates
AUDIO-VISUAL
Walthall & Associates

PROJECT:

BAYVIEW COMMUNITY CENTER

The City of PENSACOLA

2000 E. LLOYD ST PENSACOLA, FLORIDA 32503

PROJECT NO. : 2416
SHEET TITLE:
PARTIAL COMM PLAN PART B

SHEET NUMBER:

E106

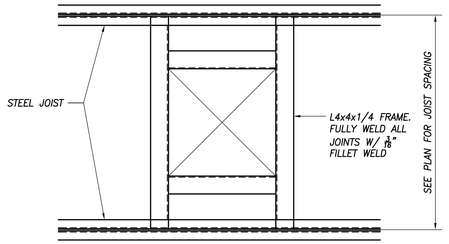
PERMIT SET

KLOCKE & ASSOCIATES, INC.
-Consulting Engineers-
102 E. Garden Street, Pensacola, Florida 32502, (850) 434-0989
C.A. #2695 JOHN I. KLOCKE, JR., P.E. #24338

DO NOT SCALE DRAWINGS

17043

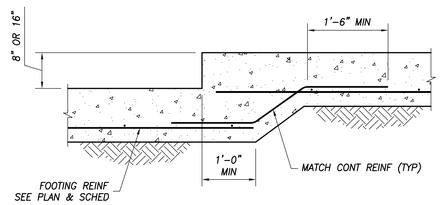
Appendix C: Fire Station #3 Existing Drawings



NOTE: PROVIDE STEEL ANGLES AROUND PERIMETER OF OPENINGS 12" AND LARGER AND ALSO AROUND PERIMETER OF CURBS FOR ROOFTOP MECHANICAL UNITS. COORDINATE LOCATIONS WITH MECHANICAL CONTRACTOR.

TYPICAL ROOF OPENING AND MECHANICAL CURB SUPPORT DETAIL

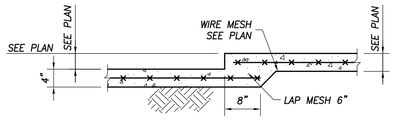
3/4" = 1'-0"



STEP FOOTINGS AS REQUIRED TO MATCH TOP OF EXISTING FOOTING ELEVATION AT EXISTING BUILDING AND ALSO AS REQUIRED TO ALLOW UTILITY LINES TO PASS ABOVE FOOTING.

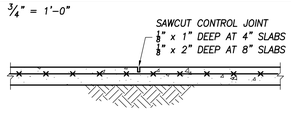
TYPICAL STEP FOOTING DETAIL

3/4" = 1'-0"



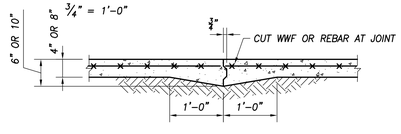
TYPICAL SLAB RECESS DETAIL

3/4" = 1'-0"



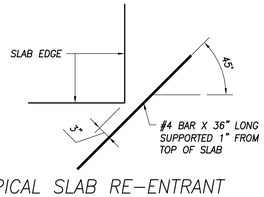
TYPICAL CONTROL JOINT DETAILS

3/4" = 1'-0"



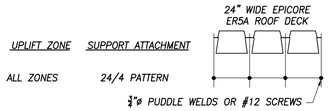
TYPICAL CONSTRUCTION JOINT DETAIL

3/4" = 1'-0"



TYPICAL SLAB RE-ENTRANT CORNER REINFORCING DETAIL

3/4" = 1'-0"

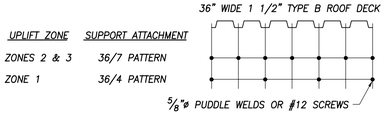


UPLIFT ZONE	SUPPORT ATTACHMENT
ALL ZONES	24/4 PATTERN

3/16"ø PUDDLE WELDS OR #12 SCREWS

ROOF DECK NOTES – ENGINE BAY ONLY:

1. FASTEN DECK TO SUPPORTS WITH 3/16"ø PUDDLE WELDS OR #12 SELF DRILLING SELF TAPPING SCREWS AT FASTENER PATTERN SHOWN ABOVE.
2. PROVIDE #10 SCREW SIDELAP FASTENERS AT 24" O.C. MAX PER SPAN BETWEEN SUPPORTS.



UPLIFT ZONE	SUPPORT ATTACHMENT
ZONES 2 & 3	36/7 PATTERN
ZONE 1	36/4 PATTERN

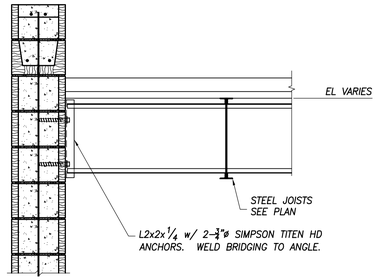
5/16"ø PUDDLE WELDS OR #12 SCREWS

ROOF DECK NOTES – OTHER ROOFS:

1. FASTEN DECK TO SUPPORTS WITH 5/16"ø PUDDLE WELDS OR #12 SELF DRILLING SELF TAPPING SCREWS AT FASTENER PATTERN SHOWN ABOVE. FASTEN AT 6" O.C. ALL DIAPHRAGM BOUNDARIES. DO NOT WELD DECK TO LIGHT GAGE METAL ROOF TRUSSES.
2. PROVIDE #10 SCREW SIDELAP FASTENERS AT 12" O.C. MAX PER SPAN BETWEEN SUPPORTS.

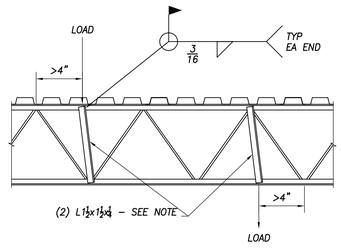
TYPICAL DECK FASTENER LAYOUTS

NTS



TYPICAL JOIST BRIDGING ANCHORAGE DETAIL

3/4" = 1'-0"



NOTES:

1. JOIST MANUFACTURER SHALL DESIGN JOISTS TO ACCOMMODATE A CONCENTRATED LOAD OF 250 LBS ANYWHERE ALONG JOIST TOP AND BOTTOM CHORDS. DO NOT LOAD A CHORD SINGLE SEGMENT BETWEEN ADJACENT PANEL POINTS WITH MORE THAN 250 LBS.
2. ALL CONCENTRATED LOADS HUNG FROM JOISTS SHALL BE CONCENTRIC AND HUNG FROM THE CENTER GAP BETWEEN THE TO BOTTOM CHORD MEMBERS. ECCENTRIC HANGARS ARE NOT PERMITTED.
3. WHERE CONCENTRATED LOADS IN EXCESS OF 250 LBS ARE HUNG FROM OR SUPPORTED BY JOISTS, INSTALL L1 1/2"x1 1/2"x1/4" WEB STIFFENERS ON EACH SIDE OF JOIST WEB WHERE LOAD OCCURS MORE THAN 4" FROM NEAREST PANEL POINT. INSTALL FROM POINT OF LOAD TO CLOSET PANEL POINT OF OPPOSITE CHORD FROM WHICH LOAD IS APPLIED.
4. MAXIMUM CONCENTRATED LOAD HUNG FROM ANY SINGLE POINT NOT TO EXCEED 500 LBS. SPACE ADJACENT CONCENTRATED LOADS HUNG FROM A SINGLE JOIST SUCH THAT THE LOAD DIVIDED BY THE SPACING DOES NOT EXCEED 50 POUNDS PER FOOT. FOR EXAMPLE, TWO 500 LB CONCENTRATED LOADS SHOULD NOT BE PLACED CLOSER THAN 10' APART.

TYPICAL JOIST REINFORCEMENT AT CONCENTRATED LOADS

3/4" = 1'-0"

GENERAL STRUCTURAL NOTES:

1. THE STRUCTURAL SYSTEM FOR THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 5TH EDITION (2014).
2. MATERIALS TO CONFORM TO THE FOLLOWING:

CONCRETE	3000 PSI AT 28 DAYS
STRUCTURAL STEEL	
SHAPES	ASTM A992
TUBE	ASTM A500 GRADE B
PLATES, ANGLES, ETC	ASTM A36 MIN
BLOCK MASONRY	f'm = 1500 PSI
CONCRETE MASONRY UNITS	ASTM C90
MASONRY GROUT	ASTM C476 (2500 PSI AT 28 DAYS)
MASONRY MORTAR	ASTM C270 (TYPE S ABOVE GRADE & M BELOW)
REINFORCING STEEL	ASTM A615 GRADE 60
WELDED WIRE FABRIC	ASTM A185 FLAT SHEETS
ROOF DECK (ENGINE BAY ONLY)	EPICORE ER5A 20/20 GAGE G-90 ROOF DECK (SUPER VERSA-DEK 5LS IS ACCEPTABLE ALTERNATE)
ROOF DECK (OTHER)	1 1/2" 22 GAGE TYPE B WIDE RIB G-90 ROOF DECK
EPOXY	SIMPSON SET

3. STRUCTURES DESIGNED FOR WIND IN ACCORDANCE WITH ASCE 7-10 AS FOLLOWS:

ULTIMATE DESIGN WIND SPEED = 165 MPH
NOMINAL DESIGN WIND SPEED = 128 MPH
RISK CATEGORY IV
WIND EXPOSURE = C
ENCLOSURE CLASSIFICATION = ENCLOSED
INTERNAL PRESSURE COEFFICIENT = ±0.18
COMPONENT AND CLADDING FORCES AS SCHEDULED ON THIS SHEET.

4. PREPARE SOIL BENEATH FOOTINGS AND SLAB IN ACCORDANCE WITH RECOMMENDATIONS OF GEOTECHNICAL ENGINEERING REPORT # 8217044 DATED APRIL 6, 2017 PREPARED BY NOVA (850-607-7782) OF PENSACOLA. SAFE SOIL BEARING: 2000 PSF.
5. ALL ELEVATIONS REFERENCED ON THE STRUCTURAL DRAWINGS ARE ABOVE OR BELOW A FINISHED FLOOR ELEVATION OF +0'-0". SEE CIVIL SITE GRADING PLAN FOR THE ACTUAL ELEVATION.
6. PLACE REINFORCING IN CONCRETE IN ACCORDANCE WTH ACI 315 WITH A MINIMUM OF 3" CLEAR COVER WHEN CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH. PROVIDE CORNER BARS FOR ALL CONTINUOUS HORIZONTAL REINFORCING.
7. ENGINEERED METAL TRUSSES SHALL BE DESIGNED FOR 20 PSF LIVE LOAD, 20 PSF DEAD LOAD, AND IN ACCORDANCE WITH THE ABOVE LISTED WIND LOAD CRITERIA PER THE FLORIDA BUILDING CODE AND THE UPLIFT VALUES SHOWN ON S001. TRUSS BOTTOM CHORDS SHALL BE CAPABLE OF SUPPORTING A CONCENTRATED LOAD OF 500 LBS APPLIED AT ANY POINT AND TRUSS MANUFACTURER SHALL PROVIDE A DETAIL FOR NECESSARY FIELD INSTALLED BRACING FOR CONCENTRATED LOADS APPLIED AWAY FROM TRUSS PANEL POINTS. TRUSS MANUFACTURER SHALL SUBMIT SIGNED AND SEALED SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS SHALL INCLUDE TRUSS LAYOUT, TRUSS DETAILS AND SHALL INCLUDE ALL CONNECTIONS AND BRACING NECESSARY FOR A COMPLETE JOB. TRUSS TOP AND BOTTOM CHORDS SHALL BE 18 GAGE MINIMUM THICKNESS. TRUSS MANUFACTURER SHALL PROVIDE CONTINUOUS PLATES EQUAL IN GAGE TO TRUSS TOP CHORDS ALONG ALL RIDGES, HIPS, VALLEYS, AND CHANGES IN DIRECTION OF ROOF DECKING FOR CONTINUOUS SUPPORT OF DECKING EDGES. TRUSS ANCHORAGE SHALL BE AS SHOWN ON THESE DRAWINGS.

MAXIMUM ROOF COMPONENT AND CLADDING ULTIMATE WIND PRESSURES

	COMBINED INTERNAL AND EXTERNAL PRESSURES (APPLICABLE TO STRUCTURAL MEMBERS)				EXTERNAL PRESSURES ONLY (APPLICABLE TO ROOFING COMPONENTS ONLY)		
EFFECTIVE WIND AREA (SQ. FT.)	ALL ZONES (+) PRESSURE (PSF)	ZONE 1 (-) PRESSURE (PSF)	ZONE 2 (-) PRESSURE (PSF)	ZONE 3 (-) PRESSURE (PSF)	ZONE 1 (-) PRESSURE (PSF)	ZONE 2 (-) PRESSURE (PSF)	ZONE 3 (-) PRESSURE (PSF)
10	36	-58	-100	-148	-48	-91	-138
20	33	-56	-92	-138	-46	-82	-129
50	29	-54	-81	-126	-44	-72	-116
100	26	-52	-74	-116	-43	-64	-106

MAXIMUM WALL COMPONENT AND CLADDING ULTIMATE WIND PRESSURES

EFFECTIVE WIND AREA (SQ. FT.)	ALL ZONES (+) PRESSURE (PSF)	ZONE 4 (-) PRESSURE (PSF)	ZONE 5 (-) PRESSURE (PSF)
10	63	-68	-84
20	60	-66	-78
50	57	-62	-71
100	53	-59	-66
200	51	-56	-60
500	47	-52	-52

ULTIMATE WIND PRESSURE TABLES NOTES:

LINEAR INTERPOLATION FOR INTERMEDIATE VALUES OF EFFECTIVE AREAS IS ACCEPTABLE. OTHERWISE, USE THE LOAD ASSOCIATED WITH THE LOWER EFFECTIVE AREA.

ULTIMATE WIND LOAD PRESSURES ARE FOR USE IN LOAD COMBINATIONS LISTED IN FBC 2014 5TH EDITION AND ASCE 7-10. THESE COMBINATIONS ARE LISTED IN FBC SECTION 1605 AND INCLUDE A WIND LOAD FACTOR OF 0.6 USING ALLOWABLE STRESS DESIGN. THEREFORE, ULTIMATE PRESSURES LISTED IN THE LOAD TABLE MAY BE REDUCED 40% WHEN USING ALLOWABLE STRESS DESIGN. REDUCED LOADS ARE THE "WORKING LOADS."

WIND PRESSURE ZONES 2, 3 & 5 ARE EDGE AND CORNER ZONES. WALL ZONE 5 IS WITHIN 3'-0" OF OF CORNERS. ROOF ZONE 2 IS WITHIN 3'-0" OF ROOF EDGES AND RIDGES. ROOF ZONE 3 IS AT ROOF CORNERS WITHIN 3'-0" OF ROOF CORNERS.

NET UPLIFT LOADS ARE CALCULATED FROM ALLOWABLE STRESS DESIGN LOAD COMBINATION .6D+.6W WHERE .6D = 6 PSF.

TOWNES + ARCHITECTS, P.A.
ARCHITECTS - PLANNERS
AA-26001051
2421 NORTH 12th AVENUE, PENSACOLA, FL 32503
PH: (850) 433-0203 FAX: (850) 433-2177

TYPICAL DETAILS AND GENERAL NOTES

PENSACOLA FIRE DEPARTMENT
FIRE STATION #3
2750 SUMMIT BOULEVARD
PENSACOLA, FLORIDA 32503

Revision	

NATHAN J. BERUBE CERTIFICATE No. 55850 STATE OF FLORIDA PROFESSIONAL ENGINEER

STRUCTURES
BERUBE LEONARD LLC
3101 NORTH 12TH AVE. PENSACOLA, FL 32503
850.473.9555 www.BLSE.net EST. 2003
FL 9468 | AL OA2463E | GA PE7005473 | MS E0143

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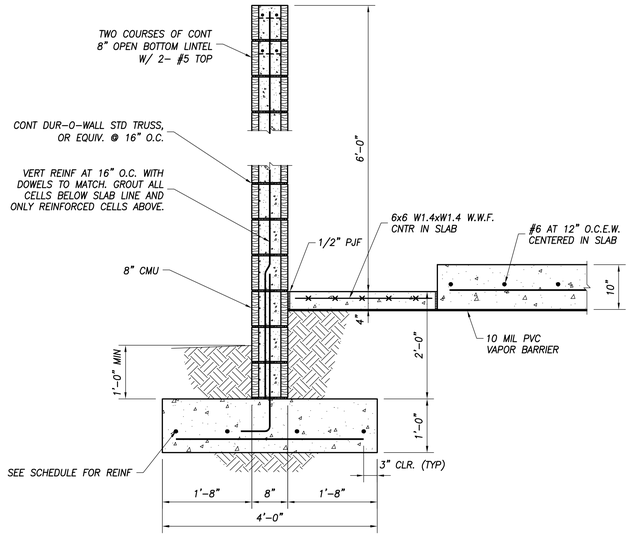
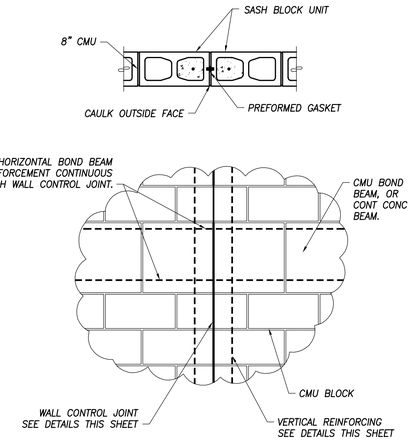
Scale:	AS NOTED
Date:	07.21.2017
Drawn: NJB	Checked: BLSE

S001

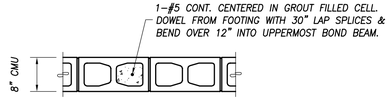


GENERATOR ENCLOSURE SECTION A
3/4" = 1'-0"
S002



PROVIDE VERTICAL CONTROL JOINTS @ 24' O.C. MAX & IN LOCATIONS SHOWN ON DRAWINGS.

TYP MASONRY CONTROL JOINT DETAILS
3/4" = 1'-0"



PROVIDE VERTICAL WALL REINFORCING AS FOLLOWS:

AT 32" O.C. MAX SPACING IN ALL EXTERIOR CMU WALLS.

AT 16" O.C. MAX SPACING IN WALLS ALL 4 SIDES OF APPARATUS BAY.

AT 32" O.C. MAX SPACING IN ALL INTERIOR CMU LOAD BEARING WALLS.

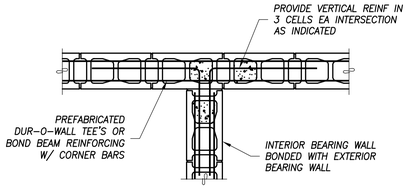
UNDER ALL BEAM BEARING LOCATIONS.

AT BOTH JAMBS OF ALL WALL OPENINGS.

MINIMUM 3 REINFORCED CELLS AT ALL CORNERS AND WALL INTERSECTIONS.

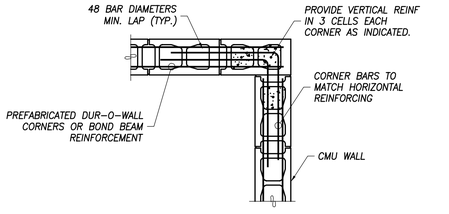
AS INDICATED THUS ☒ ON DRAWINGS.

TYPICAL CMU WALL REINFORCING DETAIL
3/4" = 1'-0"

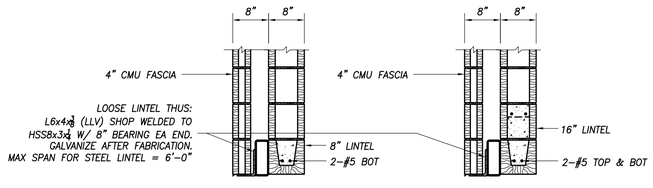


NOTE: DO NOT BOND CMU PARTITION WALLS BEARING ON THICKENED SLABS WITH BEARING WALLS.

TYPICAL C.M.U. WALL INTERSECTION DETAIL
3/4" = 1'-0"



TYPICAL BOND BEAM CORNER REINF. DETAIL
3/4" = 1'-0"



NOTES:
1. SEE SECTIONS FOR LINTELS OVER OPENINGS LONGER THAN 7'-4"
2. MIN LINTEL END BEARING IS 8" FOR SPANS ≤ 7'-4" AND 16" OTHERWISE.
3. PROVIDE LINTELS OVER MECHANICAL OPENINGS IN WALLS.

TYPICAL MASONRY LINTEL DETAILS
3/4" = 1'-0"

TOWNES + ARCHITECTS, P.A.
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TYPICAL DETAILS

PENSACOLA FIRE DEPARTMENT
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Revision	

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FL 9468 | AL GA2403E | GA PEF005473 | MS E0143

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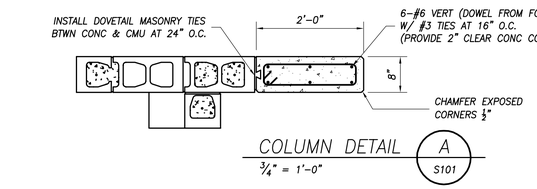
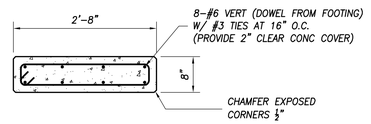
Date:	07.21.2017
Drawn: NJB	Checked: BLSE

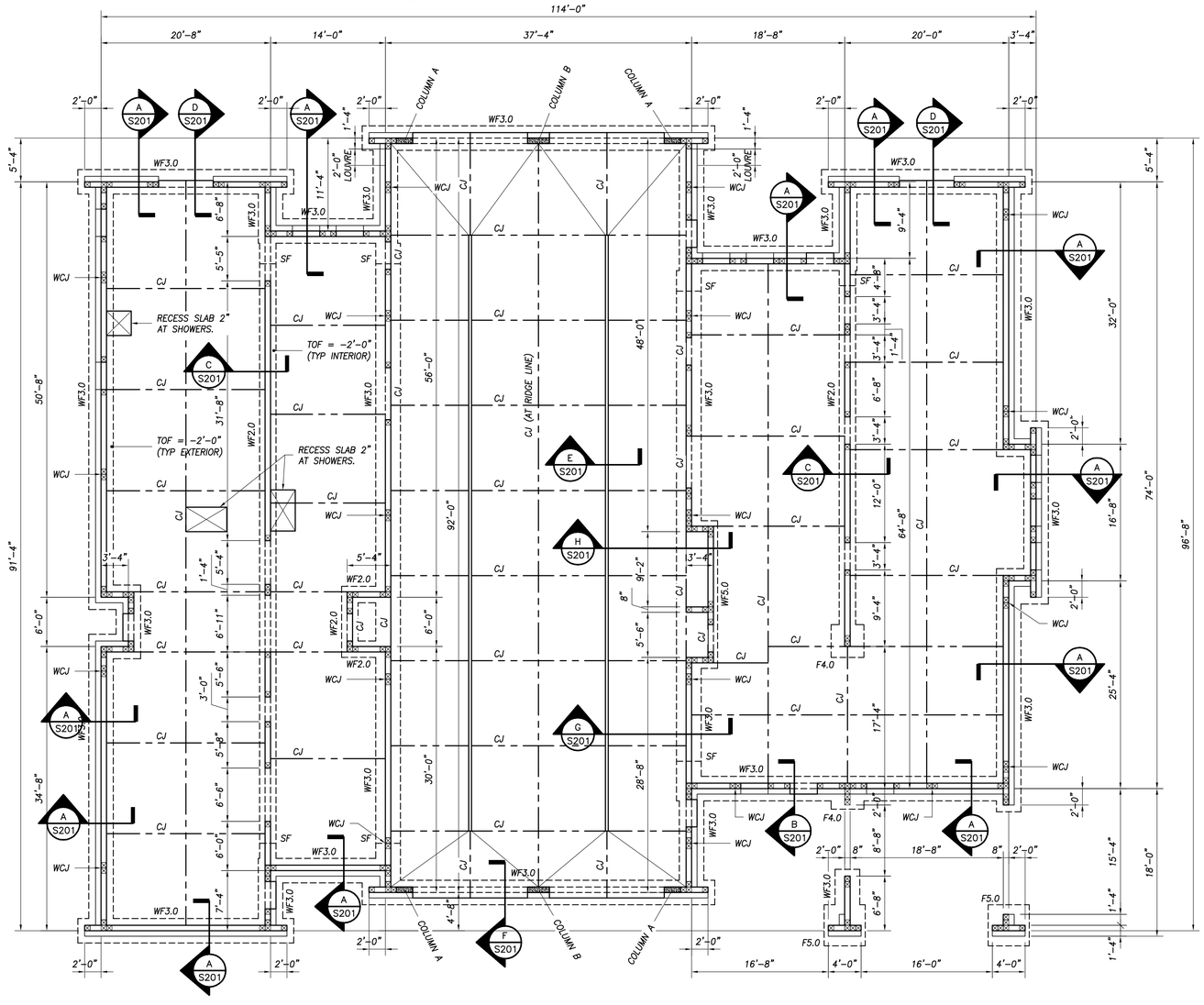
S002



COLUMN DETAIL A
¾" = 1'-0"
S101



COLUMN DETAIL B
¾" = 1'-0"
S101



SPREAD FOOTING SCHEDULE

MARK	SIZE (LENGTH x WIDTH x DEPTH)	REINFORCING
F4.0	4'-0" x 4'-0" x 1'-0"	5-#5 E.W. BOTTOM
F5.0	5'-0" x 5'-0" x 1'-0"	6-#5 E.W. BOTTOM

WALL FOOTING SCHEDULE

MARK	SIZE (WIDTH x DEPTH)	REINFORCING
WF2.0	2'-0" x 1'-0"	3-#5 CONT & #5 TRANSVERSE AT 6" O.C.
WF3.0	3'-0" x 1'-0"	3-#5 CONT & #5 TRANSVERSE AT 6" O.C.
WF4.0	4'-0" x 1'-0"	4-#5 CONT & #5 TRANSVERSE AT 6" O.C.
WF5.0	5'-0" x 1'-0"	4-#5 CONT & #5 TRANSVERSE AT 6" O.C.

LEGEND:

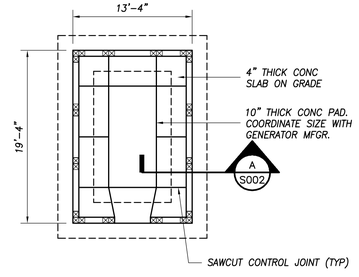
WCJ INDICATES WALL CONTROL JOINT
SEE S001 FOR TYPICAL DETAIL

CJ INDICATES SLAB CONTROL/CONSTRUCTION JOINT
SEE S001 FOR TYPICAL DETAIL

SF INDICATES STEP FOOTING.
SEE S001 FOR TYPICAL DETAIL

☒ *INDICATES REINFORCED CMU CELL*
SEE S001 FOR TYPICAL DETAIL

CONTRACTOR SHALL STEP FOOTING ELEVATION AS NECESSARY TO ALLOW UTILITIES TO PASS UNDER FOOTING OR THROUGH FOUNDATION WALL ABOVE FOOTING. DO NOT RUN UTILITIES THROUGH FOOTINGS. SEE S001 FOR DETAILS.



SEE ARCH OR CIVIL FOR LOCATION

GENERATOR ENCLOSURE
SCALE 1/8" = 1'-0"

ENGINE BAY SLAB-ON-GRADE CONSTRUCTION

8" THICK MINIMUM CAST-IN-PLACE 4000 PSI CONCRETE SLAB REINFORCED WITH #4 AT 16" O.C.E.W. TOP & BOTTOM SUPPORTED ON APPROVED CHAIRS AT 3'-0" O.C. EACH WAY MAXIMUM. POUR SLAB OVER VAPOR BARRIER PLACED ON COMPACTED SUBGRADE.

TYPICAL SLAB-ON-GRADE CONSTRUCTION

4" THICK MINIMUM CAST-IN-PLACE CONCRETE SLAB REINFORCED WITH 6x6 W1.4xW1.4 WWF SUPPORTED ON 2" APPROVED CHAIRS AT 3'-0" O.C. EACH WAY MAXIMUM. POUR SLAB OVER VAPOR BARRIER PLACED ON COMPACTED SUBGRADE.

N
FOUNDATION PLAN
SCALE 1/8" = 1'-0"

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ARCHITECTS - PLANNERS
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FOUNDATION PLAN

PENSACOLA FIRE DEPARTMENT
FIRE STATION #3
2750 SUMMIT BOULEVARD
PENSACOLA, FLORIDA 32503

Revision

NATHAN J. BERUBE CERTIFICATE No. 55850 STATE OF FLORIDA PROFESSIONAL ENGINEER

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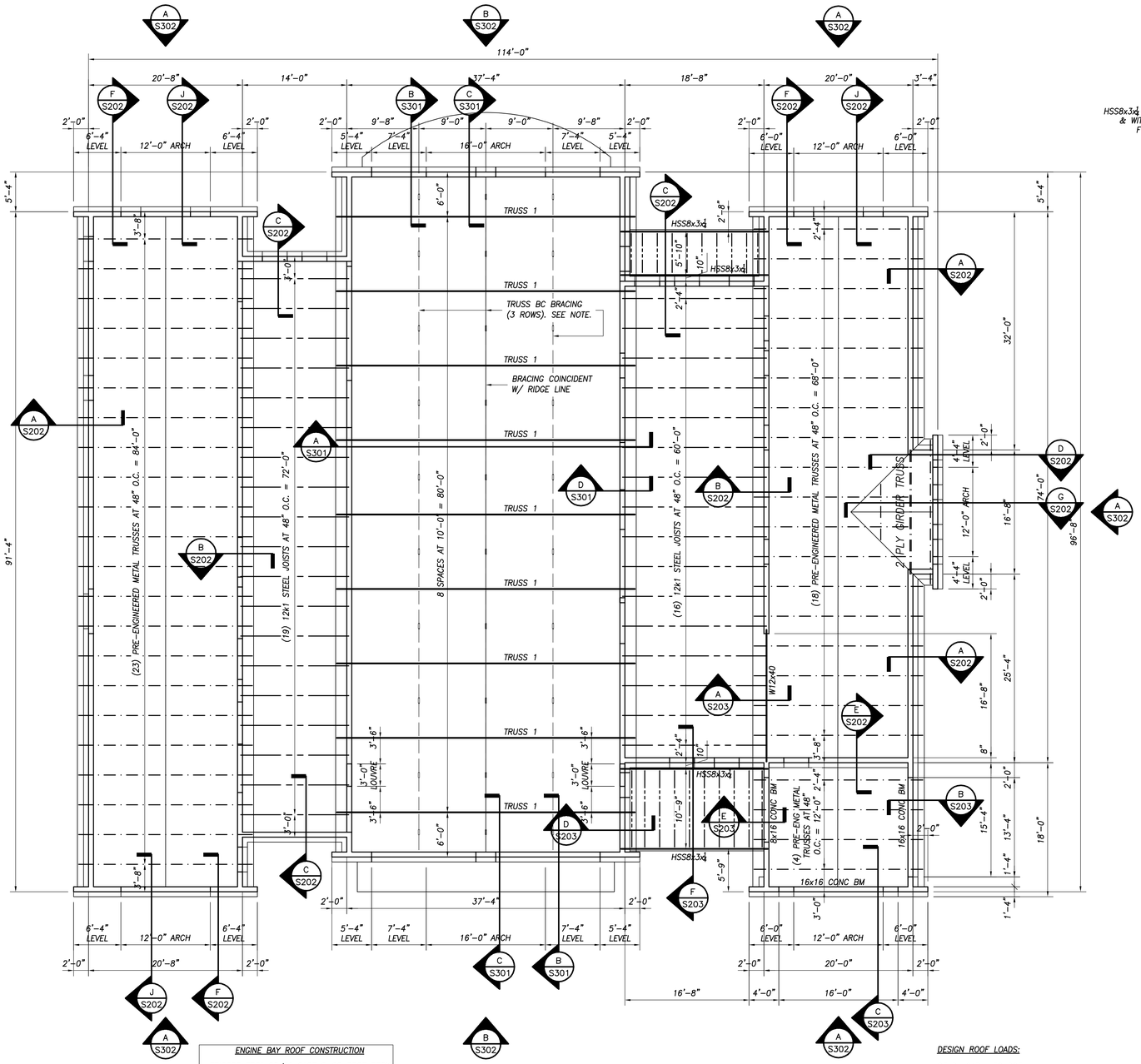
S101

TRUSS BOTTOM CHORD (BC) BRACING NOTE:

BOTTOM CHORDS OF TRUSSES OVER ENGINE BAY SHALL BE BRACED IN THREE LOCATIONS BY 1"ø SOLID A36 STEEL RODS. WELD ROD TO EACH TRUSS AS SHOWN IN B/S301. PROVIDE TURNBUCKLE MID-SPAN BETWEEN EACH PAIR OF TRUSSES AND BETWEEN END TRUSS AND WALL. TIGHTEN TURNBUCKLES TO ELIMINATE ROD SAG BUT DO NOT DISPLACE TRUSS BOTTOM CHORDS.



ROOF FRAMING PLAN

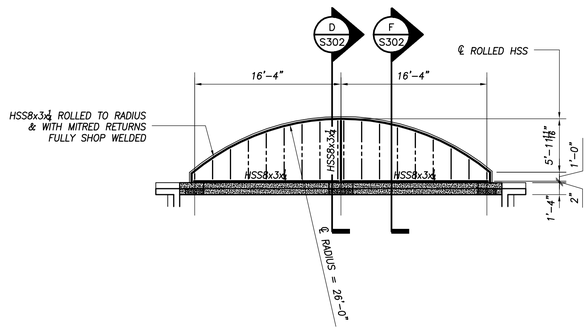
SCALE 1/8" = 1'-0"

ENGINE BAY ROOF CONSTRUCTION

EPICORE ER5A 20/20 GAGE G-90 ROOF DECK OVER STEEL TRUSSES AT 10'-0" O.C.

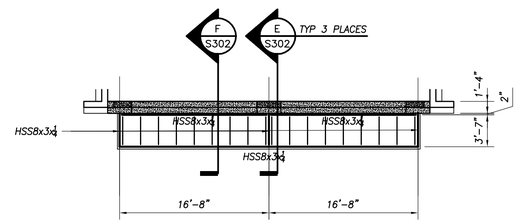
TYPICAL ROOF CONSTRUCTION

1½" 22 GAGE TYPE B (WIDE RIB) G-90 ROOF DECK OVER STEEL JOISTS OR ENGINEERED METAL TRUSSES (SEE PLAN) AT 4'-0" MAX O.C.



NORTH CANOPY FRAMING PLAN

SCALE 1/8" = 1'-0"



SOUTH CANOPY FRAMING PLAN

SCALE 1/8" = 1'-0"

DESIGN ROOF LOADS:

DEAD LOAD: 30 PSF
LIVE LOAD: 20 PSF
WIND LOAD: AS SHOWN ON S001

PROVIDE JOIST BRIDGING IN ACCORDANCE WITH STEEL JOIST INSTITUTE AND AS REQUIRED FOR UPLIFT.

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ROOF FRAMING PLAN

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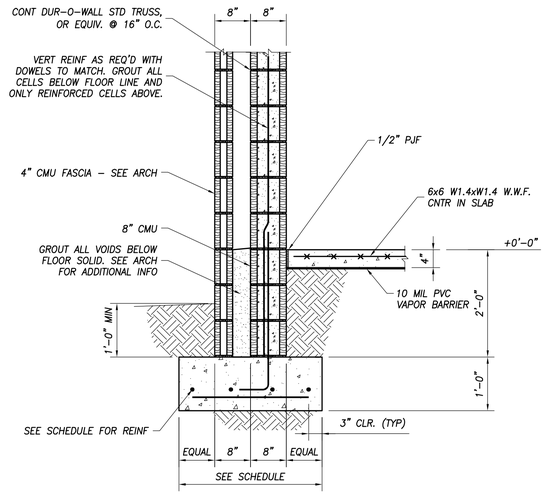
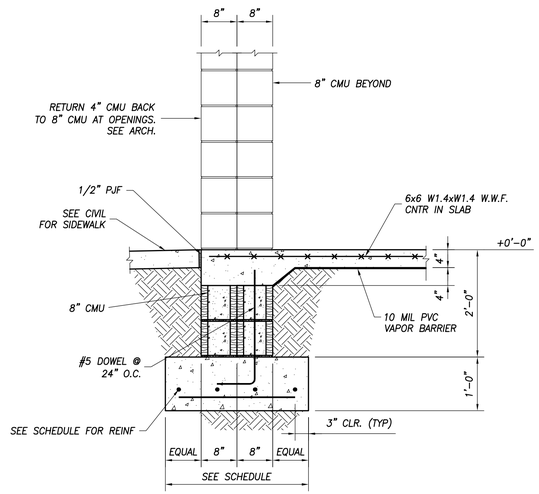
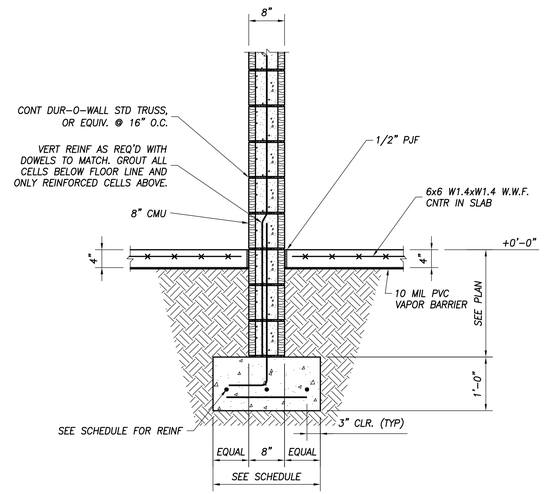
S102



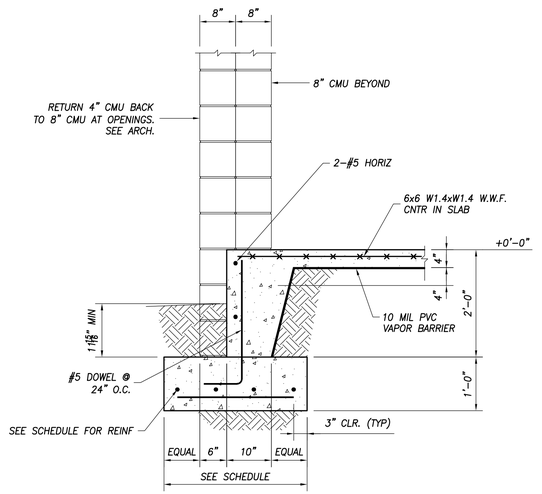
SECTION A
3/4" = 1'-0" S201



SECTION B
3/4" = 1'-0" S201



SECTION C
3/4" = 1'-0" S201

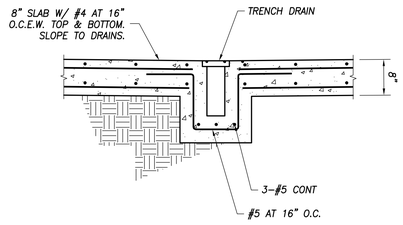


SECTION D
3/4" = 1'-0" S201

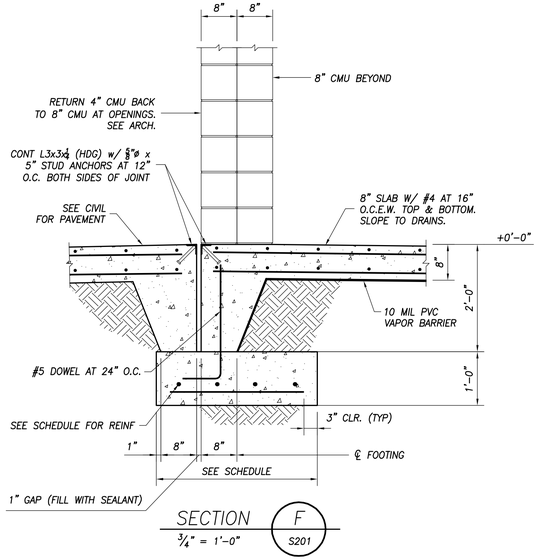
NOTE: SUPPORT REINFORCING IN APPARATUS ENGINE BAY SLAB THUS:

TOP MAT 1" TOP COVER
BOTTOM MAT 2" BOTTOM COVER

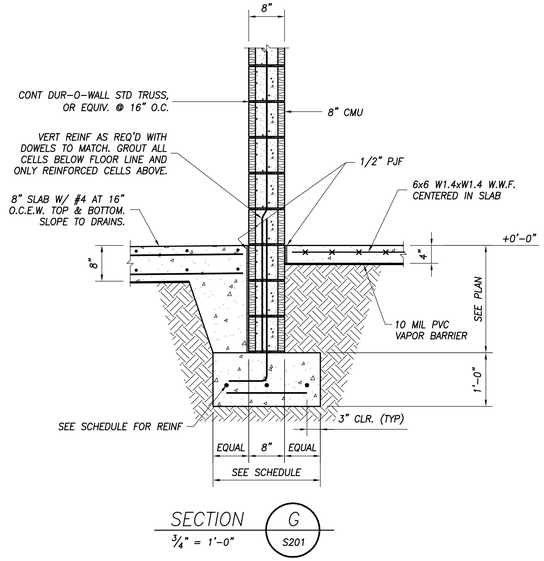
COAT APPARATUS BAY SLAB WITH SEALANT APPROVED BY PROJECT ARCHITECT.



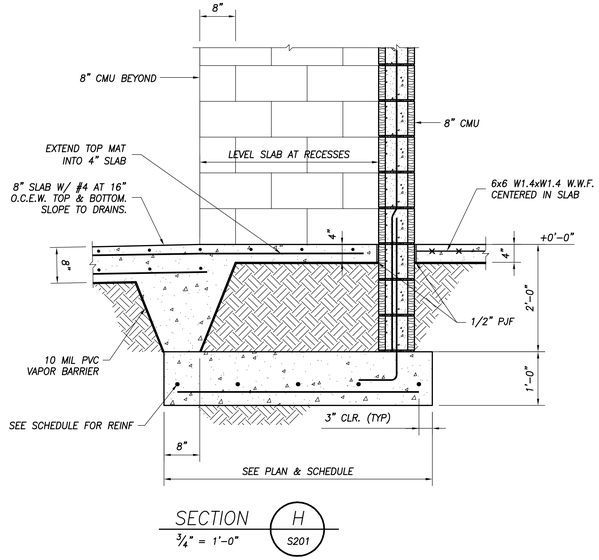
SECTION E
3/4" = 1'-0" S201



SECTION F
3/4" = 1'-0" S201



SECTION G
3/4" = 1'-0" S201



SECTION H
3/4" = 1'-0" S201

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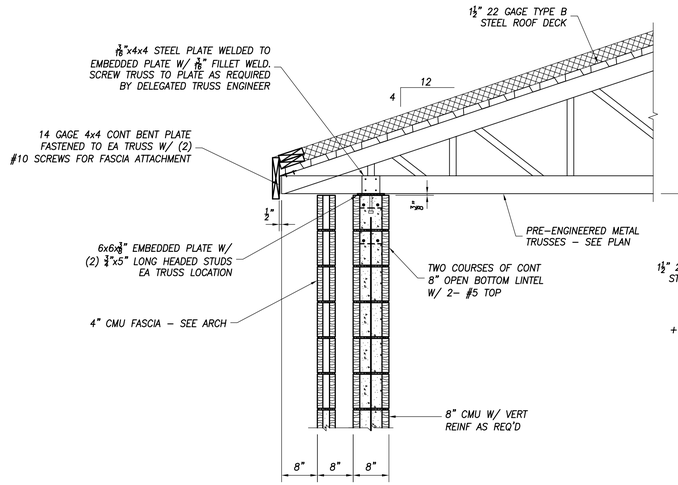
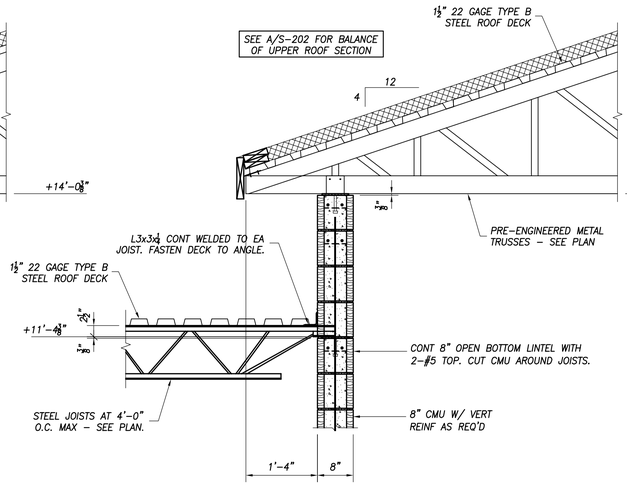
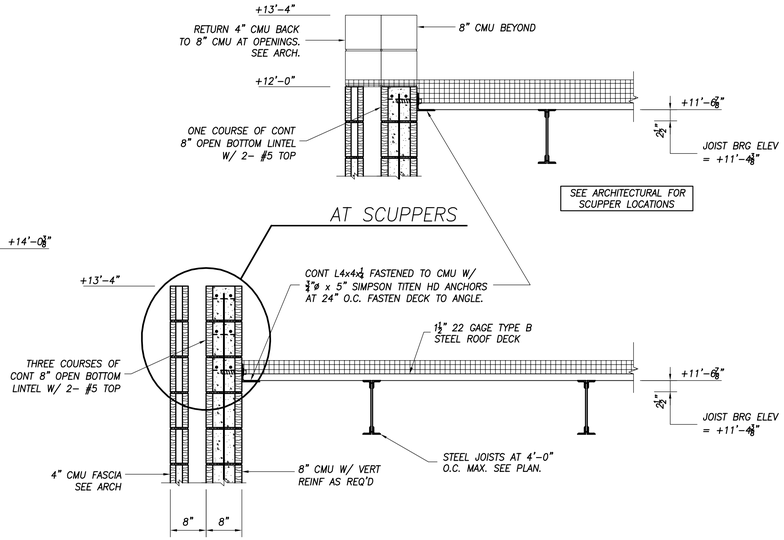
S201



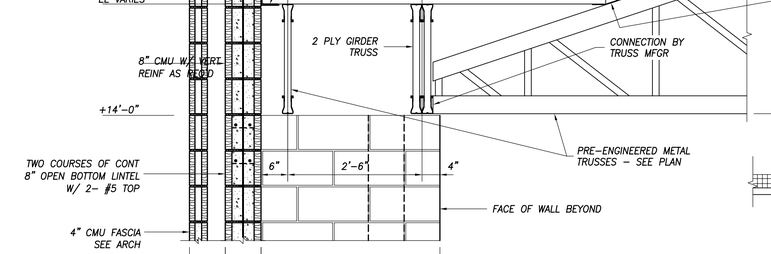
SECTION A
¾" = 1'-0" S-202



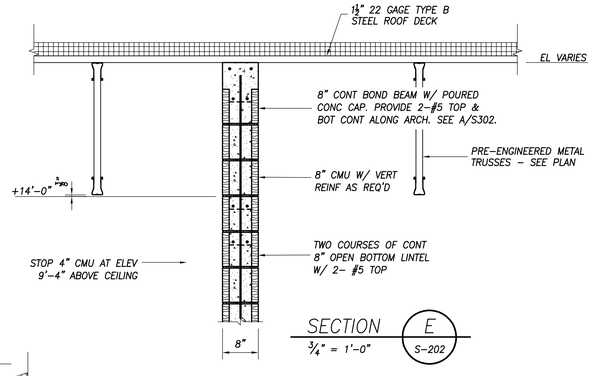
SECTION B
¾" = 1'-0" S-202



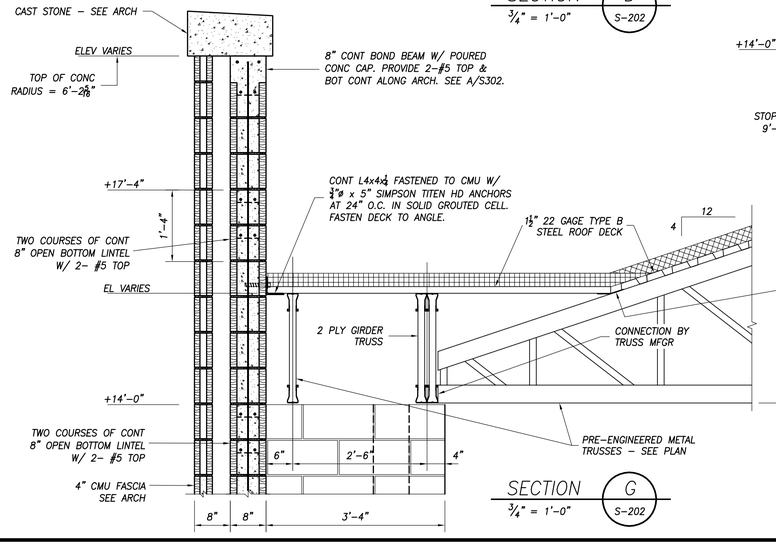
SECTION C
¾" = 1'-0" S-202



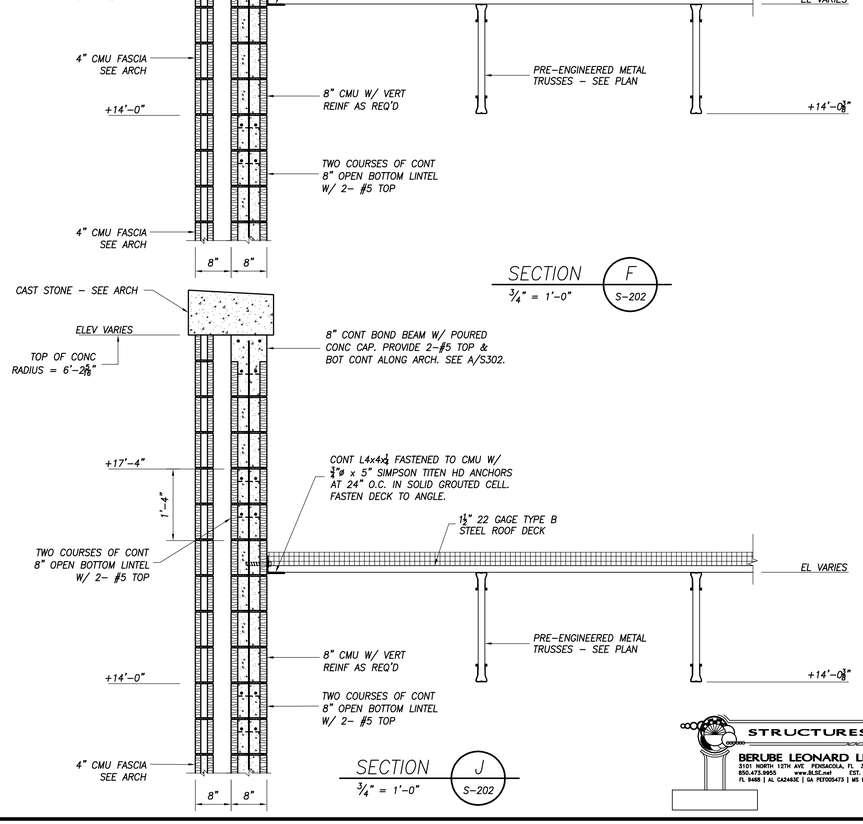
SECTION D
¾" = 1'-0" S-202



SECTION E
¾" = 1'-0" S-202



SECTION G
¾" = 1'-0" S-202



SECTION F
¾" = 1'-0" S-202

SECTION J
¾" = 1'-0" S-202

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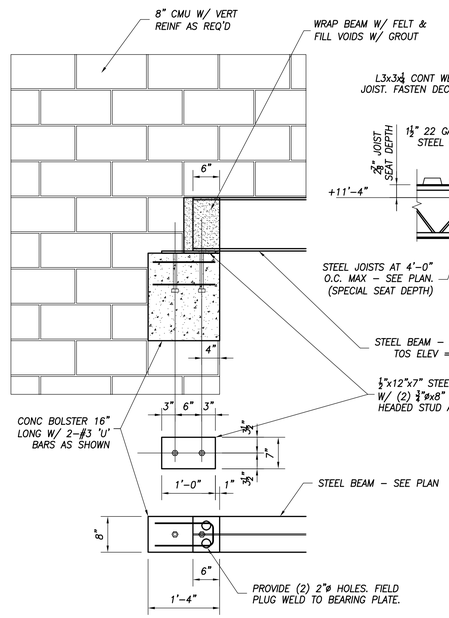
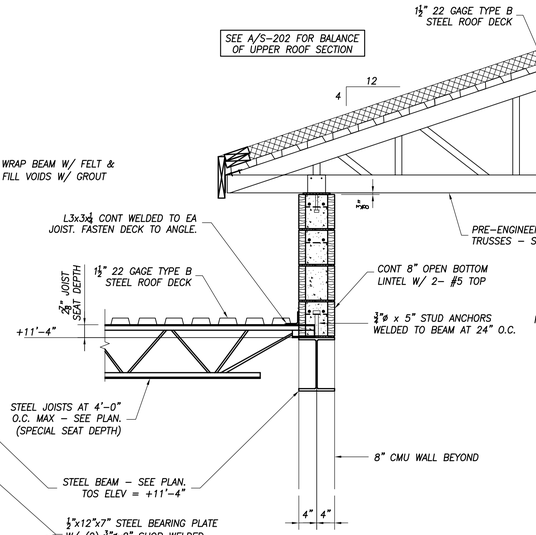
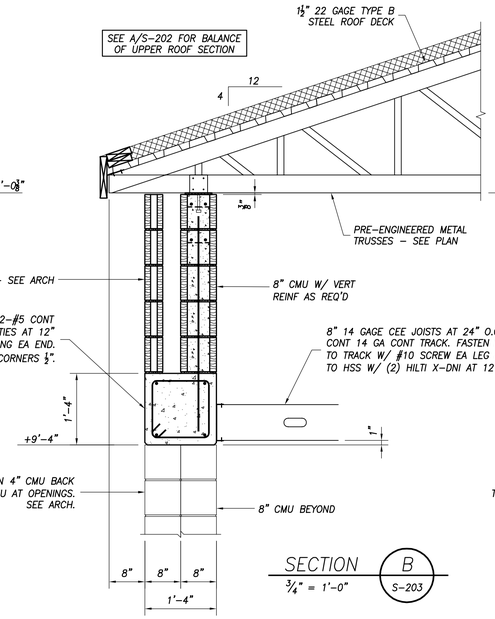


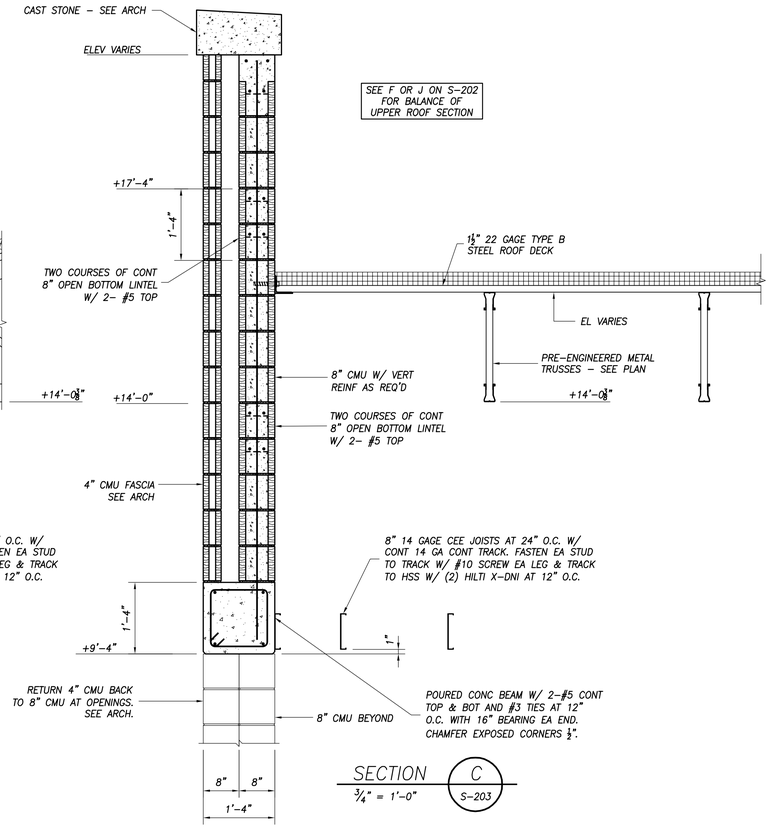
SECTION A
¾" = 1'–0"
S–203

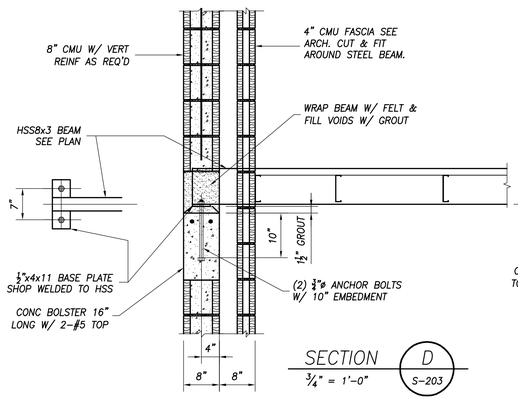


SECTION B
¾" = 1'–0"
S–203

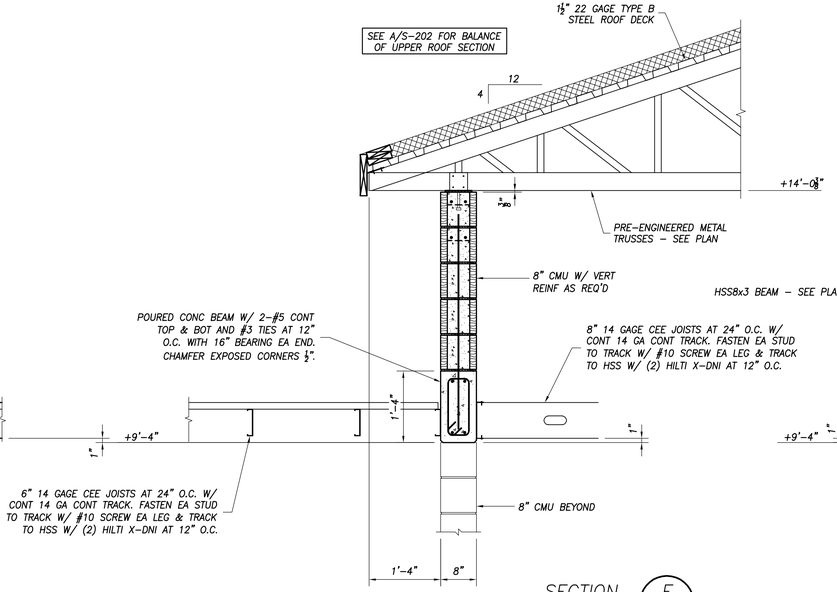


SECTION C
¾" = 1'–0"
S–203

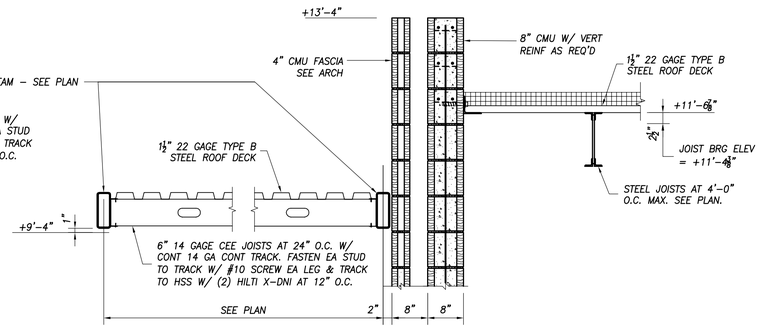




SECTION D
¾" = 1'–0"
S–203



SECTION E
¾" = 1'–0"
S–203



SECTION F
¾" = 1'–0"
S–203

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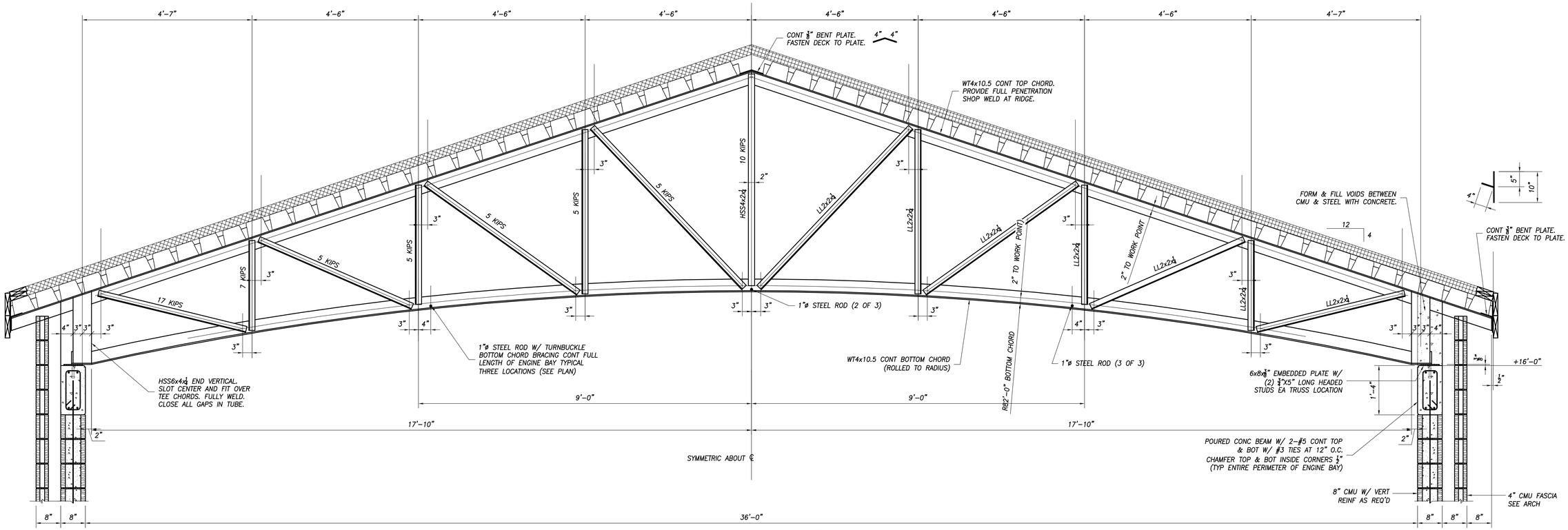
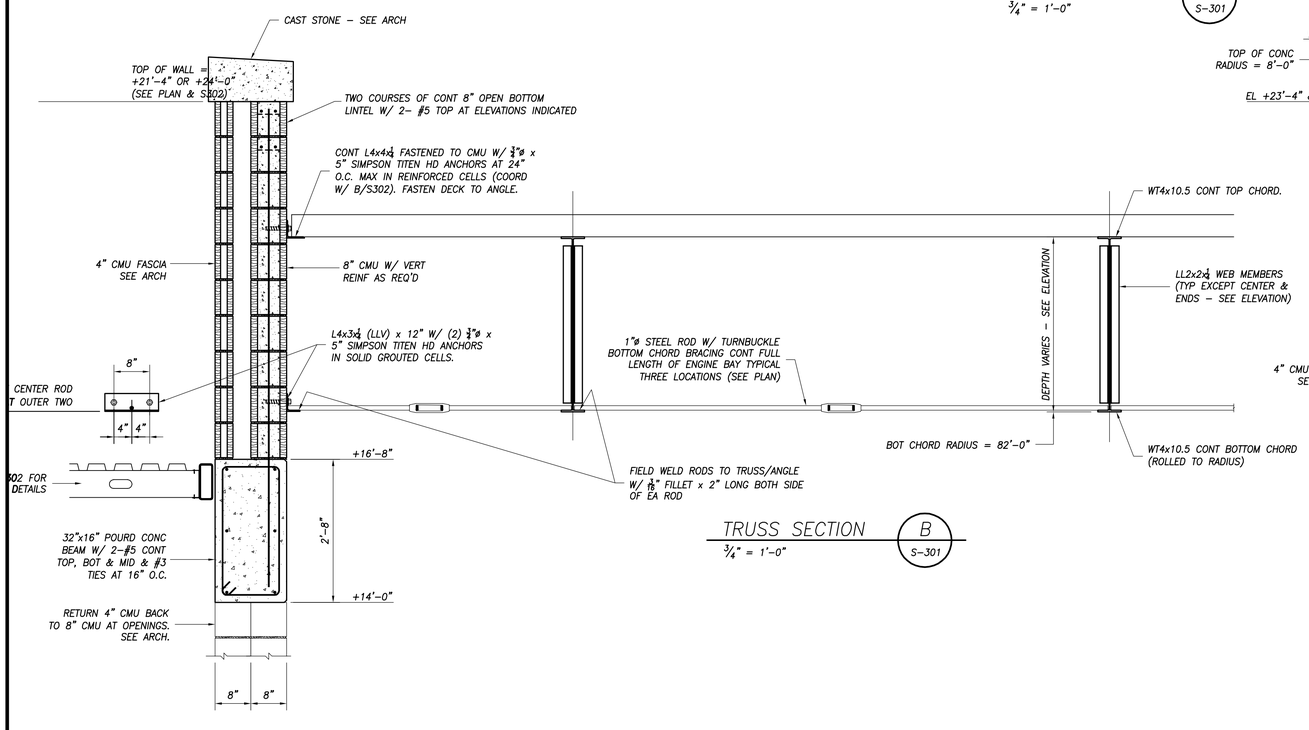
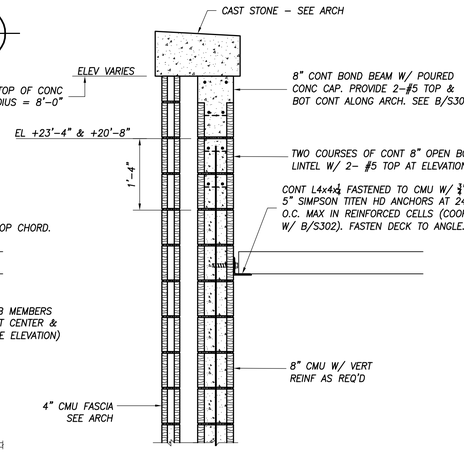
S203



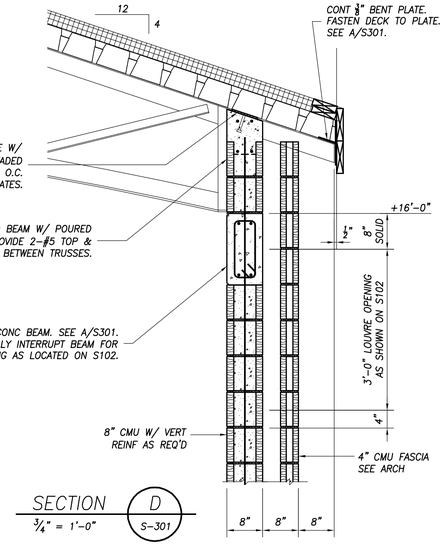
TRUSS ELEVATION A
¾" = 1'–0" — S–301



TRUSS SECTION B
¾" = 1'–0" — S–301



SECTION C
¾" = 1'–0" — S–301



SECTION D
¾" = 1'–0" — S–301

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TRUSS ELEVATION AND DETAILS

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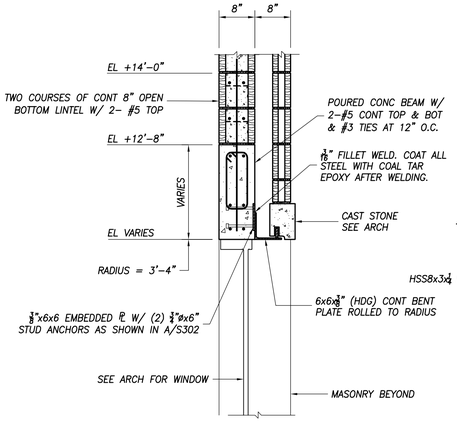
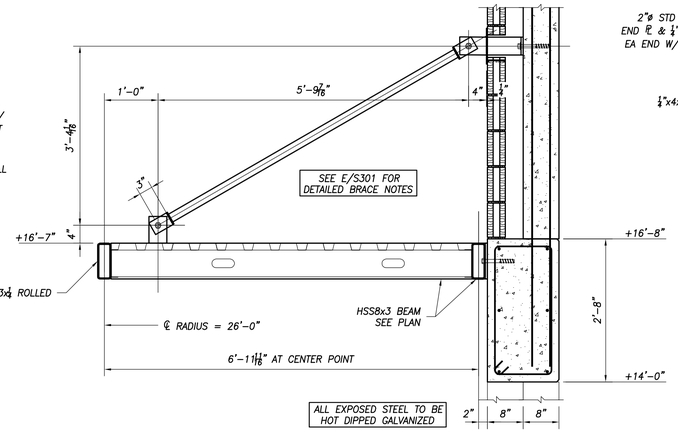
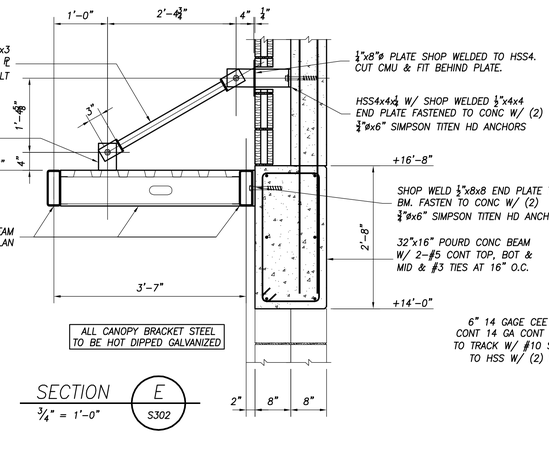


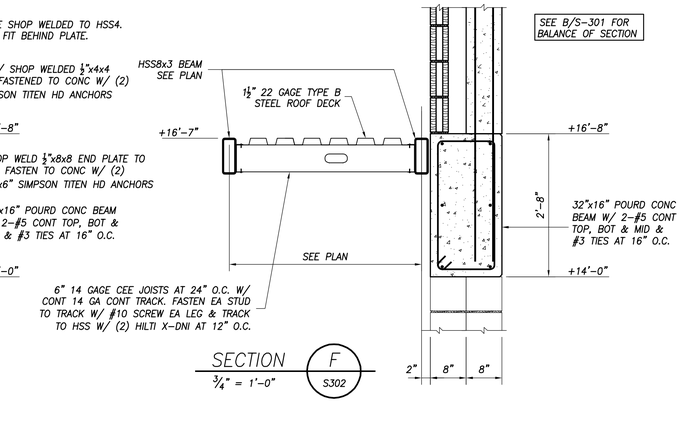
SECTION C
3/4" = 1'-0"
S302



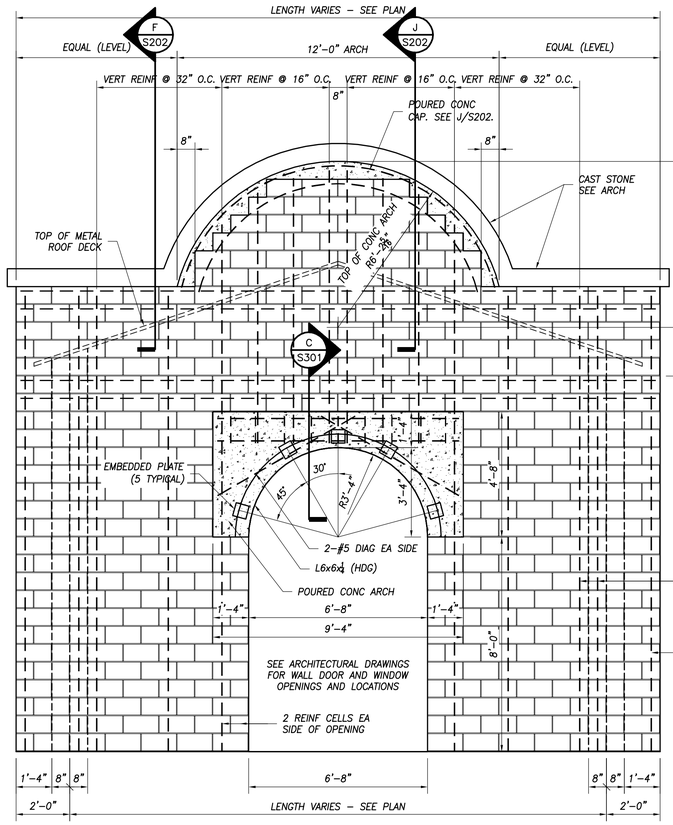
SECTION D
3/4" = 1'-0"
S302



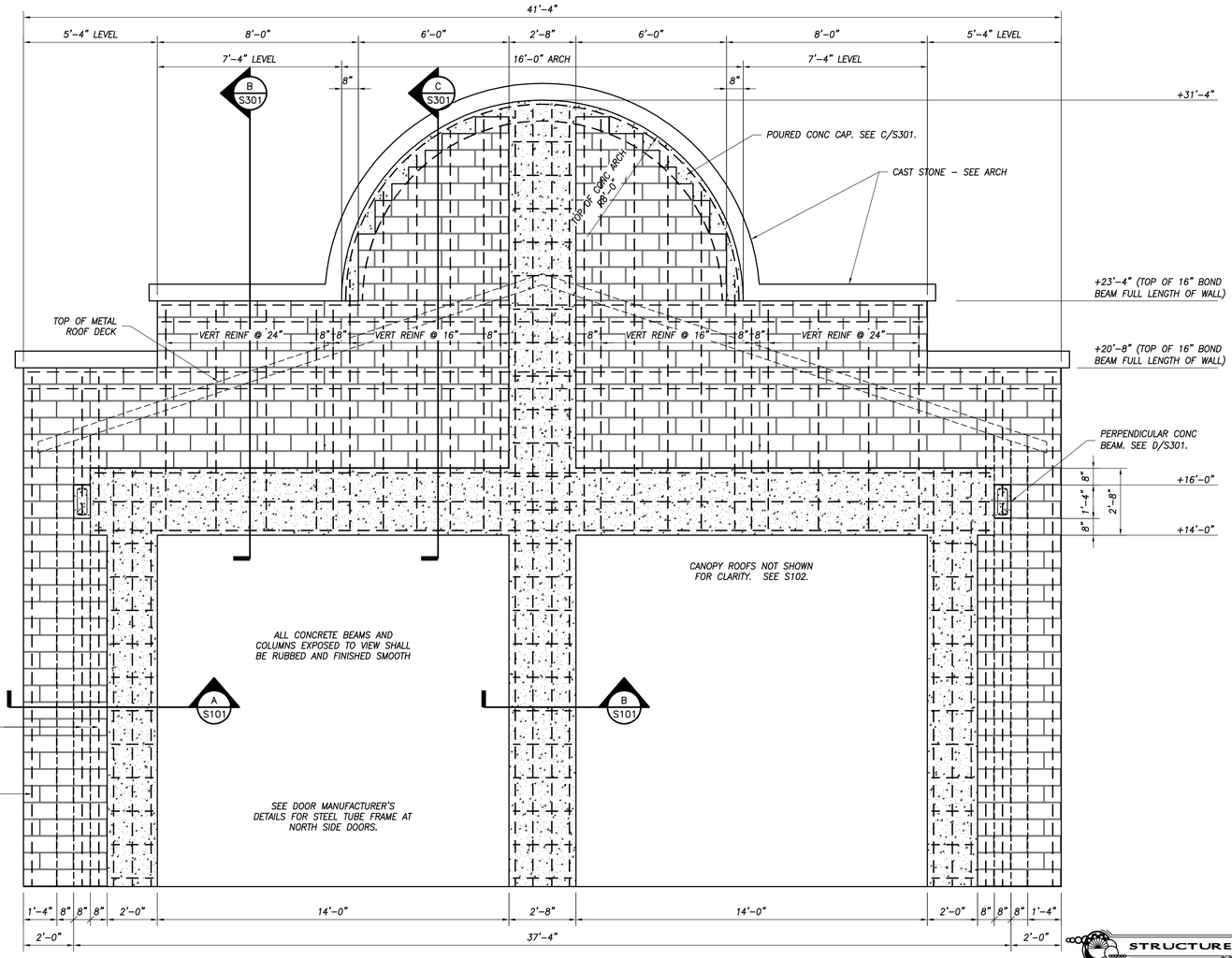
SECTION E
3/4" = 1'-0"
S302



SECTION F
3/4" = 1'-0"
S302



EXTERIOR ELEVATION – SMALL ARCH
3/8" = 1'-0"
A
S302



EXTERIOR ELEVATION – LARGE ARCH
3/8" = 1'-0"
B
S302

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GABLE WALL ELEVATIONS

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Appendix D: Solar Feasibility Study

MOTT MACDONALD

Technical Note
Solar Feasibility

Project:	Pensacola – Solar Feasibility		
Our reference:	502100054-031		
Prepared by:	Andrew Gibbs Mateo Ramos	**Date:**	2022/02/15
Approved by:	Andrew Gibbs	**Checked by:**	Kevin Morgan
Subject:	Solar Feasibility		

1 Introduction

This Technical note is to address feasibility of solar photovoltaic (PV) power at sites designated by the City of Pensacola. This memo encompasses performance estimates, site impact of PV installation, and includes methodology utilized to determine feasibility of the sites.

2 Methodology

The following sections discuss the process followed to develop the feasibility study.

2.1 Mapping Areas on Sites for PV Installation

The team utilized AutoCAD and its Online Map Data to import a to-scale aerial view of the designated sites. Areas where PV panels can be mounted were mapped out in AutoCAD, these areas are indicated as Max Area. We used Google Earth to identify the Sun's path, and roof geometry. As a result, new practical areas were drawn with consideration of the present shadows.

2.2 Estimating the Performance of PV Installation

We used PVWatts® to determine potential power (kW) size for each site by multiplying the practical area, standard module efficiency, and standard module power. PVWatts® is a web application developed by the National Renewable Energy Laboratory (NREL) that estimates the electricity production of a grid-connected roof- or ground-mounted PV system based on location and the system size.

2.3 Determining a Feasible System Size

Based on the Florida Power and Lighting (FPL) energy bill data provided to us by the City, we were able to approximate the average annual kilowatt hours (kWh) used by each site and convert that value into an equivalent PV system size. To determine a feasible system size, we compared the two system sizes and used the lesser amount. This is based on the current limitations of power production under a net metering agreement with FPL. In general, only 110% of the kWh used would be allowed per meter in the FPL net metering agreement. So, while a building or site may be able produce much more than is consumed, there will be limitations to the size.

3 Summary of Findings

The table below summarizes the practical area in ft^2 for each building as well as the associated PV size that could be generated.

Table 3.1: Working Feasibility Data

Site Name	Practical Area (ft^2)	Potential PV System Size (kW)	Avg kWh used system Size (kW)	Site Calculated Size (kW)	Feasible Power Size (kW)	Added Percent Renewable Per Site	Percent towards 30% goal	Budget Installation
Airport	98744.05	13760	TBD	TBD	TBD		TBD	
Blue Wahoos Stadium	9991.81	139.24	698	139.2	139	20%	0.75%	$348,100.92
Fire Administration Building/ Fire Station 1	5938.94	82.73	204	82.8	82	41%	0.44%	$206,904.50
Fire Station 2	10561.83	147.18	91	147.2	91	100%	0.49%	$226,310.95
Fire Station 3	6758.64	94.18	64	94.2	64	100%	0.35%	$161,125.76
Fire Station 4	12362.45	172.27`	87	172.3	87	100%	0.47%	$218,730.55
Fricker Community Center	8921.09	124.31	176	124.3	124	71%	0.67%	$310,798.51
Housing Department	6828.61	95.15	53	95.2	53	100%	0.29%	$133,448.43
Malcolm Youge Center	9607.25	133.88	88	133.9	88	100%	0.47%	$220,124.02
Osceola Golf Course & Club House	16954.16	644.78	201	881.0	201	100%	1.09%	$501,258.52
Pensacola Energy Operations Center	23066.57	321.44	221	321.4	221	100%	1.18%	$552,059.05
Port of Pensacola, Admin Bldg	1603.94	22.35	28	1640.6	22	81%	0.15%	$55,879.06
Port of Pensacola, Warehouse #4	46438.79	647.14	24	1640.6	24	100%	0.13%	$60,551.03
Port of Pensacola, Warehouse #8	69688	971.13	148	1640.6	148	100%	0.80%	$369,970.19
PPD	15160.52	211.26	980	211.3	211	22%	1.14%	$528,171.67
Roger Scott Athletic Complex	1919.44	26.74	64	304.0	27	42%	0.34%	$66,870.65
Roger Scott Tennis Center	1909.14	26.60	466	304.0	27	6%	1.62%	$66,511.81
Vickrey Resource Center	17986.48	250.64	222	304.0	222	100%	1.21%	$554,056.23
Field Service Center	27560.13	384.06	386	1219.2	384	100%	2.09%	$960,157.03
Fleet Garage	17992.85	250.73	72	1219.2	72	100%	0.39%	$181,244.58
Sanitation	5412.36	75.42	111	1219.2	75	68%	0.60%	$188,559.18
Second Garage at FSC	8644.76	120.46	19	1219.2	19	100%	0.10%	$47,542.83
Parks Shed at FSC	10651.81	148.43	22	1219.2	22	100%	0.12%	$54,927.26
Transfer station	12775.67	178.03	2	1219.2	2	100%	0.01%	$7,787.12
Sanders Beach Community Center	9899.04	137.94	164	137.9	138	84%	0.74%	$344,868.94
Theophilis May Community Center	9668.45	134.73	105	168.2	105	100%	0.56%	$263,111.27
Totals:					**3981.3**		**16%%**	**$7,632,089.68**

Practical Area (ft^2)	The area available at a site that could support a solar install.
Potential PV System Size (kW)	The size of PV system that could fit given the area available.
Avg kWh used system Size (kW)	The size of PV system required to meet 100% of the site's energy needs, based on provided data.
Site Calculated Size (kW)	The size of PV system that could fit given the size of the grouped site.
Feasible Power Size (kW)	The size of PV system that could be installed to meet as much of the site's energy needs as possible.
Added Percent Renewable Per Site	The percentage of renewable energy that the feasible PV system could provide to a site.
Percent towards 30% goal	The percentage of renewable energy that the feasible PV system could provide towards the City's 30% renewable energy goal.
Budget Installion	The estimated cost of installation for the feasible PV system.

3.1 System Value

Almost two-thirds of the sites in **Table 3.1** can have PV systems installed to meet average annual kWh usage, with the capability to expand beyond demand and generate credit.

3.2 Single Systems

The following sites could have roof-mounted PV systems installed that would supply the average kWh used per year: Fire Stations 2, 3, & 4, Housing Department building, Malcolm Younge Center, Pensacola Energy Operations Center, and Theophilis May Community Center.

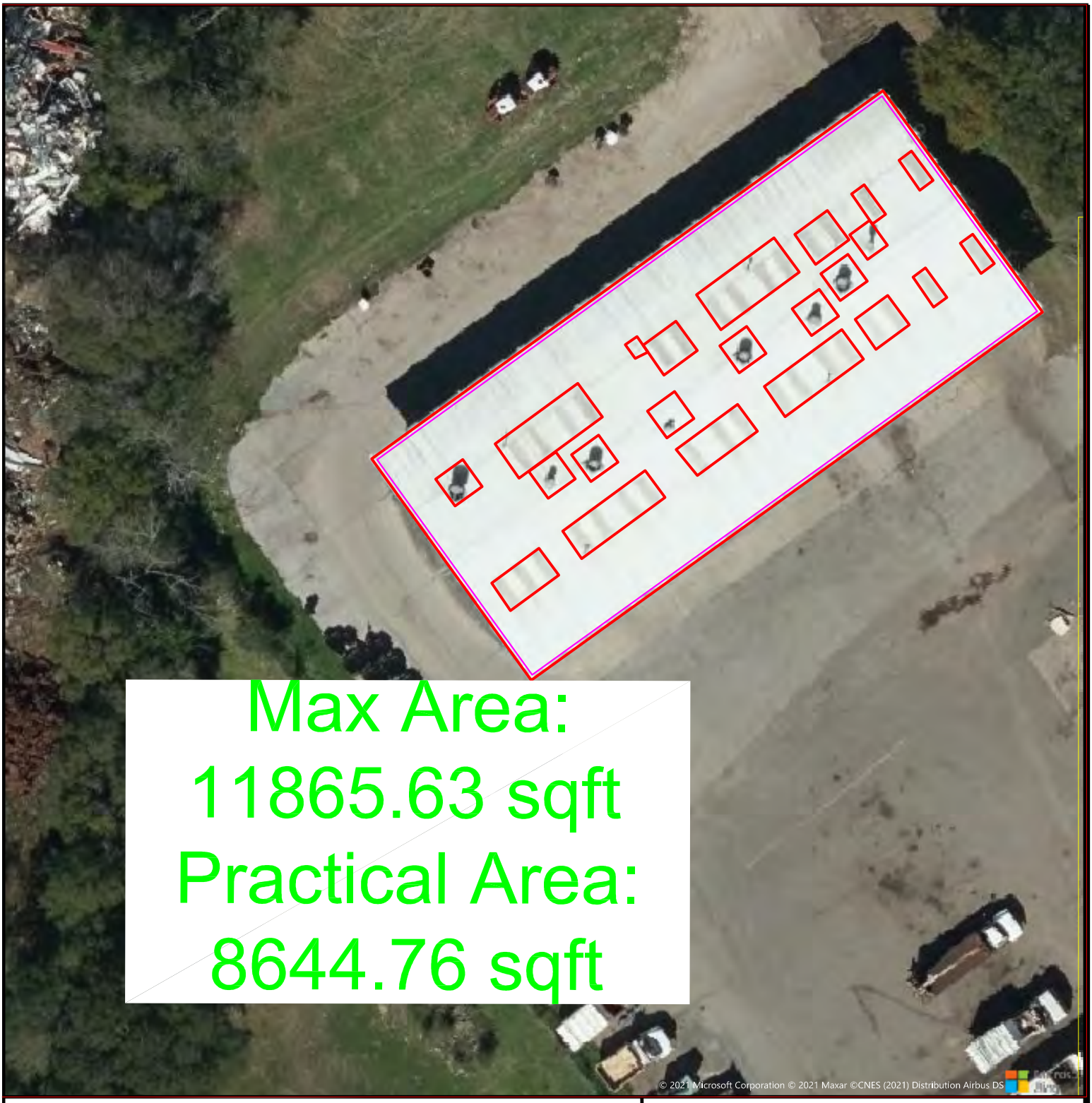
3.3 Campus Systems

Campuses are a group of buildings sub-fed by a shared meter. The Fire Administration building and Fire Station 1 (FS1) currently are sub-fed from the same meter and could have roof-mounted PV systems installed that supply almost half of the average kWh used per year.

Though these building are not campuses, they are located on adjacent properties. The Port of Pensacola has many buildings on separate meters that could be combined in one of two ways to have roof-mounted PV systems installed that can meet demand. One way would be to re-work the head-end electrical equipment and create a single campus-wide meter. Combining these under one meter would lead to higher costs and extend any payback period. The second approach would be to use the largest building on the site as the location for the majority of the solar arrays. Instead of feeding only the one building, feeders from that larger array could be fed to the other buildings on site that have individual meters and tied-in to those systems. Doing so does pose some concerns for meeting the requirements of Article 225 of the National Electric Code. Something that would easily be addressed during a design phase.

Similarly, the following sites could be combined onto one meter to meet demand: Field Service Center, Fleet Garage, Parks Shed at FSC, Sanitation, Second Garage at FSC, and Transfer Station. The Roger Scott Tennis Center and Vickery Resource Center could also be reworked to share one meter and have a PV system that almost meets demand.

Account Number	Group	Building or Site Name	Area Type	Maximum Area	Practical Roof Area	Potential Carport Area	Potential Roof kW Size	PVWatts kWh/yr	Approx. kWh/yr used	AVG $/kWh	Hours	Building Used kW Size	Site Calculated kW	Feasible kW	Added percent Renewable	Percent towards goal	Budget Install
	Airport	Airport Ground	Ground		963333.97		13424	19,895,098			1,482	0.0	0.0	0.0	-	-	$ -
	Airport	Airport S. Parking L:ot	Carport		24110.84		336	497,945			1,482	0.0	0.0	0.0	-	-	$ -
	Commerdencia St Lot	Commerdencia St Lot	Carport		27943.44		389	571,027		0.15	1,466	0.0	0.0	0.0	-	-	$ -
2105467910	East Pensacola Heights clubhouse	East Pensacola Heights clubhouse	Roof	3500	0		49	72,285	27,532	0.28	1,482	18.6	48.8	18.6	100%	0.10%	$ 46,442.82
2105303941	Fire Admin	Fire Administration Building	Roof	10118.75	3100.64		43	63,121	297,440	0.11	1,461	203.6	82.8	82.8	41%	0.44%	$ 206,904.50
2105303941	Fire Admin	Fire Station 1	Roof	18251.39	2838.3		40	57,249		0.11	1,447	0.0	0.0	0.0	-	-	$ -
2100953211	Fire Station 2	Fire Station 2	Roof	13100.23	10561.83		147	216,754	133,313	0.09	1,473	90.5	147.2	90.5	100%	0.49%	$ 226,310.95
2107799070	Fire Station 3	Fire Station 3	Roof	10434.55	6758.64		94	139,617	95,540	0.12	1,482	64.5	94.2	64.5	100%	0.35%	$ 161,125.76
2102983968	Fire Station 4	Fire Station 4	Roof	13957.32	12362.45		172	253,885	128,938	0.10	1,474	87.5	172.3	87.5	100%	0.47%	$ 218,730.55
2104833682/2102965296	Fricker Community Center	Fricker Community Center	Roof	22058.8	8921.09		124	182,024	257,608	0.11	1,464	175.9	124.3	124.3	71%	0.67%	$ 310,798.51
2106436740/2102624448	Golf	Osceola Club House	Carport		14075.46		196	285,644		0.10	1,456	0.0	0.0	0.0	-	-	$ -
2106436740/2102624448	Golf	Osceola Club House	Roofs		2878.7		40	58,295		0.10	1,453	0.0	0.0	0.0	-	-	$ -
2106436740/2102624448	Golf	Osceola Golf Course	Ground	46269.39			645	955,841	297,230	0.10	1,482	200.5	881.0	200.5	100%	1.09%	$ 501,258.52
2104975418	Highland Terrace Park	Highland Terrace Park	Roof	15410.02	7166.55		100	145,977	2,373	0.15	1,462	1.6	99.9	1.6	100%	0.01%	$ 5,680.95
2101950109	Housing Department	Housing Department	Roof	9068.48	6828.61		95	139,454	78,226	0.12	1,465	53.4	95.2	53.4	100%	0.29%	$ 133,448.43
	Jefferson Lot	Jefferson Lot	Carport		38121.08		531	779,474		0.15	1,467	0.0	0.0	0.0	-	-	$ -
	Jefferson St Garage	Jefferson St Garage	Carport	34548.8	29361.67	17620.39	409	600,386		0.15	1,467	0.0	0.0	0.0	-	-	$ -
2105586214	Legion Field	Legion Field	Roof	3594.6	2404.25		34	48,442	33,170	0.14	1,446	22.9	168.2	22.9	100%	0.12%	$ 57,354.04
2104230889	Legion Field	Theophilis May Community Center	Roof	16001.82	9668.45		135	196,703	153,650	0.12	1,460	105.2	168.2	105.2	100%	0.56%	$ 263,111.27
2106543909	Malcolm Youge Center	Malcolm Youge Center	Roof	10008.08	9607.25		134	195,235	128,400	0.12	1,458	88.0	133.9	88.0	100%	0.47%	$ 220,124.02
351	Maritime Park	Blue Wahoos Stadium	Roof	31745.02	9991.81		139	204,043	1,023,413	0.09	1,465	698.4	139.2	139.2	20%	0.75%	$ 348,100.92
	N Palafox Lot	N Palafox Lot	Carport		10076.44		140	207,472		0.15	1,478	0.0	0.0	0.0	-	-	$ -
2108646726	Pensacola Energy Operations Center	Pensacola Energy Operations Center	Roof	29204.93	23066.57		321	468,555	321,886	0.21	1,458	220.8	321.4	220.8	100%	1.18%	$ 552,059.05
700S	Port	Port of Pensacola, Admin Bldg	Roof	2782.97	1603.94		22	32,295	39,921	0.15	1,445	27.6	1640.6	27.6	100%	0.15%	$ 69,074.10
2105561134	Port	Port of Pensacola, Warehouse #4	Roof	90367.9	46438.79		647	949,754	35,546	0.20	1,468	24.2	1640.6	24.2	100%	0.13%	$ 60,551.03
2103278871	Port	Port of Pensacola, Warehouse #8	Roof	116280.81	69688		971	1,425,365	217,207	0.03	1,468	148.0	1640.6	148.0	100%	0.80%	$ 369,970.19
2105891903	PPD	PPD	Roof	25554.61	15160.52		211	309,734	1,437,168	0.09	1,466	980.3	211.3	211.3	22%	1.14%	$ 528,171.67
	Public Works	Code Enforcement	Roof	5272.57	4454.1		62	91,420		0.15	1,473	0.0	0.0	0.0	-	-	$ -
2103447450	Public Works	Field Service Center	Roof	33118.46	27560.13		384	566,215	568,853	0.10	1,474	385.9	1219.2	385.9	100%	2.09%	$ 964,630.41
2107790392	Public Works	Fleet Garage	Roof	23291.43	17992.85		251	368,630	106,585	0.11	1,470	72.5	1219.2	72.5	100%	0.39%	$ 181,244.58
2105592360	Public Works	Parks Shed at FSC	Roof	11223.01	10651.81		148	218,229	32,301	0.13	1,470	22.0	1219.2	22.0	100%	0.12%	$ 54,927.26
2107731651	Public Works	Sanitation	Roof	7145.24	5412.36		75	110,589	162,826	0.13	1,466	111.1	1219.2	111.1	100%	0.60%	$ 277,625.60
2104593427	Public Works	Second Garage at FSC	Roof	11865.63	8644.76		120	176,942	27,932	0.13	1,469	19.0	1219.2	19.0	100%	0.10%	$ 47,542.83
2101795496	Public Works	Transfer station	Roof	12953.51	12775.67		178	262,464	3,280	0.07	1,474	2.2	1219.2	2.2	100%	0.01%	$ 7,787.12
2106567346/2107274397/2104164781/	Roger Scott	Roger Scott Athletic Complex	Roof	3612.74	1919.44		27	38,618	92,506	0.33	1,444	64.1	304.0	64.1	100%	0.34%	$ 160,182.72
2107274397	Roger Scott	Roger Scott Tennis Center	Roof	2635.68	1909.14		27	38,618	676,554	0.21	1,452	466.1	304.0	304.0	65%	1.62%	$ 760,006.69
2101906622	Roger Scott	Vickrey Resource Center	Roof	26000	17986.48		251	371,322	328,320	0.17	1,481	221.6	304.0	221.6	100%	1.21%	$ 554,056.23
2105006627/2102116015	Sanders Beach Community Center	Sanders Beach Community Center	Roof	22756.16	9899.04		138	201,107	238,481	0.12	1,458	163.6	137.9	137.9	84%	0.74%	$ 344,868.94
									6,946,198			**4739.7**		**3051.3**	**64%**	**16%**	**$ 7,632,089.68**



FIELD SERVICE CENTER SECOND GARAGE ROOF
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BLUE WAHOOS STADIUM ROOF
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FLEET GARAGE ROOF
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HIGHLAND TERRACE PARK ROOF
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HOUSING DEPARTMENT ROOF
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JEFFERSON LOT
CARPORT AREA

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CARPORT AREA (BLUE)
BALLASTED AREA (ORANGE)

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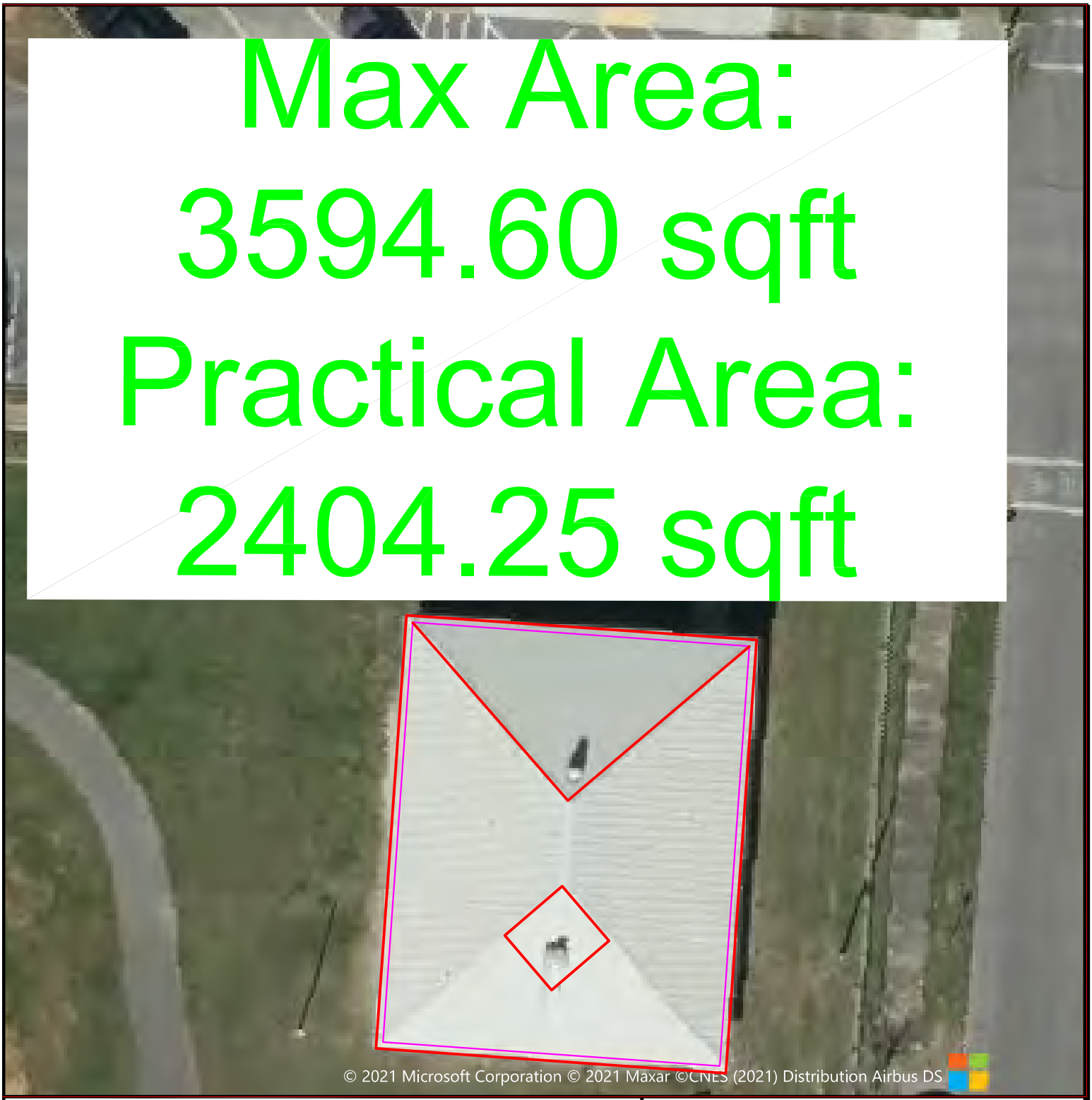

LEGION FIELD ROOF
MAXIMUM AREA AND PRACTICAL AREA

DATE:	
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MALCOLM YOUGE CENTER ROOF
MAXIMUM AREA AND PRACTICAL AREA

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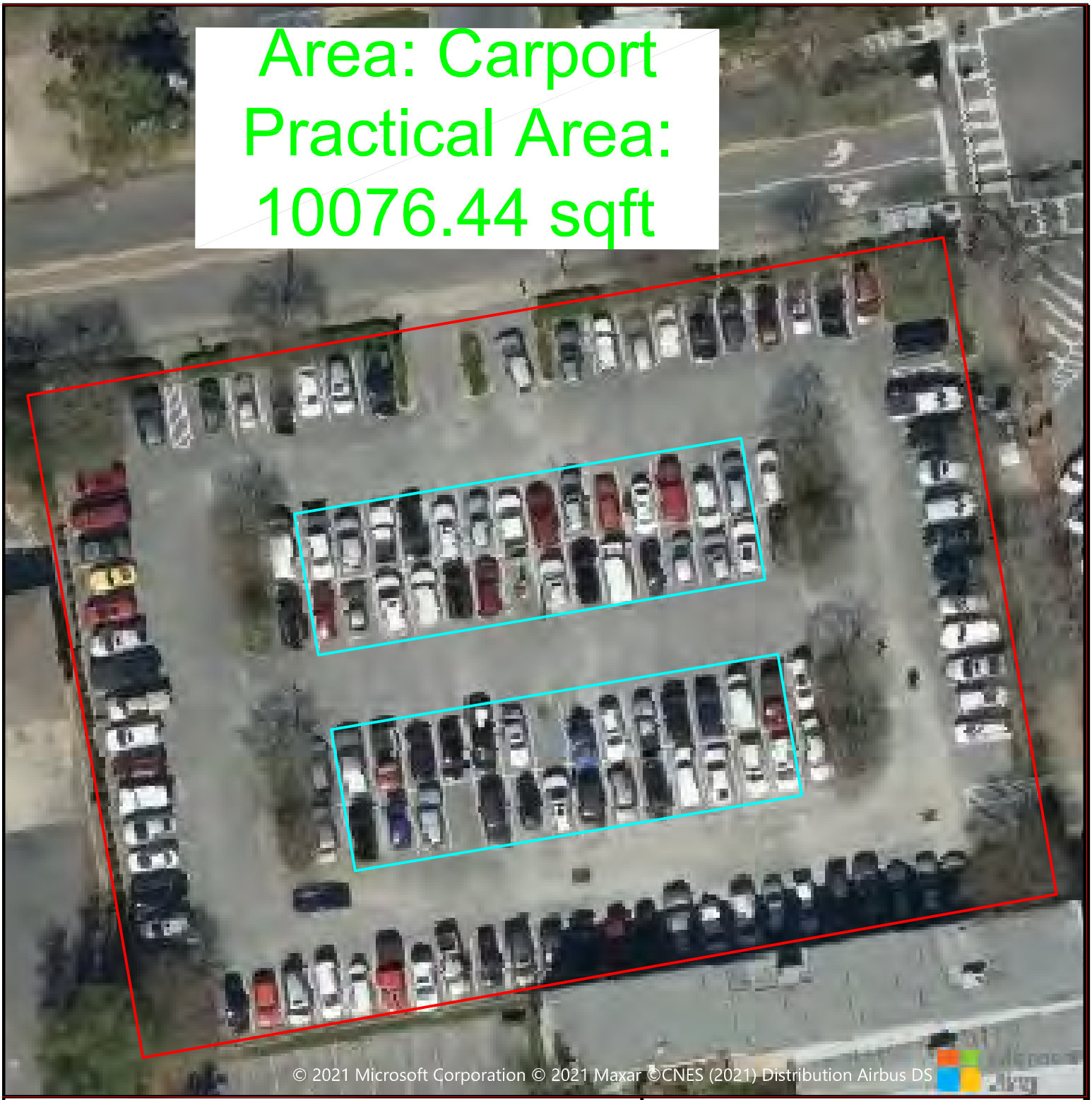

NORTH PALAFOX LOT
CARPORT AREA

DATE:		DESIGNED BY:	NMB
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OSCEOLA CLUB HOUSE
CARPORT AREA

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OSCEOLA GULF COURSE
AVAILABLE GROUND AREA

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OSCEOLA GULF COURSE
NORTH SHED (TOP LEFT)
WEST SHED (TOP RIGHT)
MAINTENANCE BUILDING (BOTTOM)

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FIELD SERVICE CENTER PARKS SHED ROOF
MAXIMUM AREA AND PRACTICAL AREA

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PNS GROUND AREA

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PNS SOUTH PARKING LOT
CARPORT AREA

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PENSACOLA ENERGY OPERATIONS CENTER ROOF
MAXIMUM AREA AND PRACTICAL AREA

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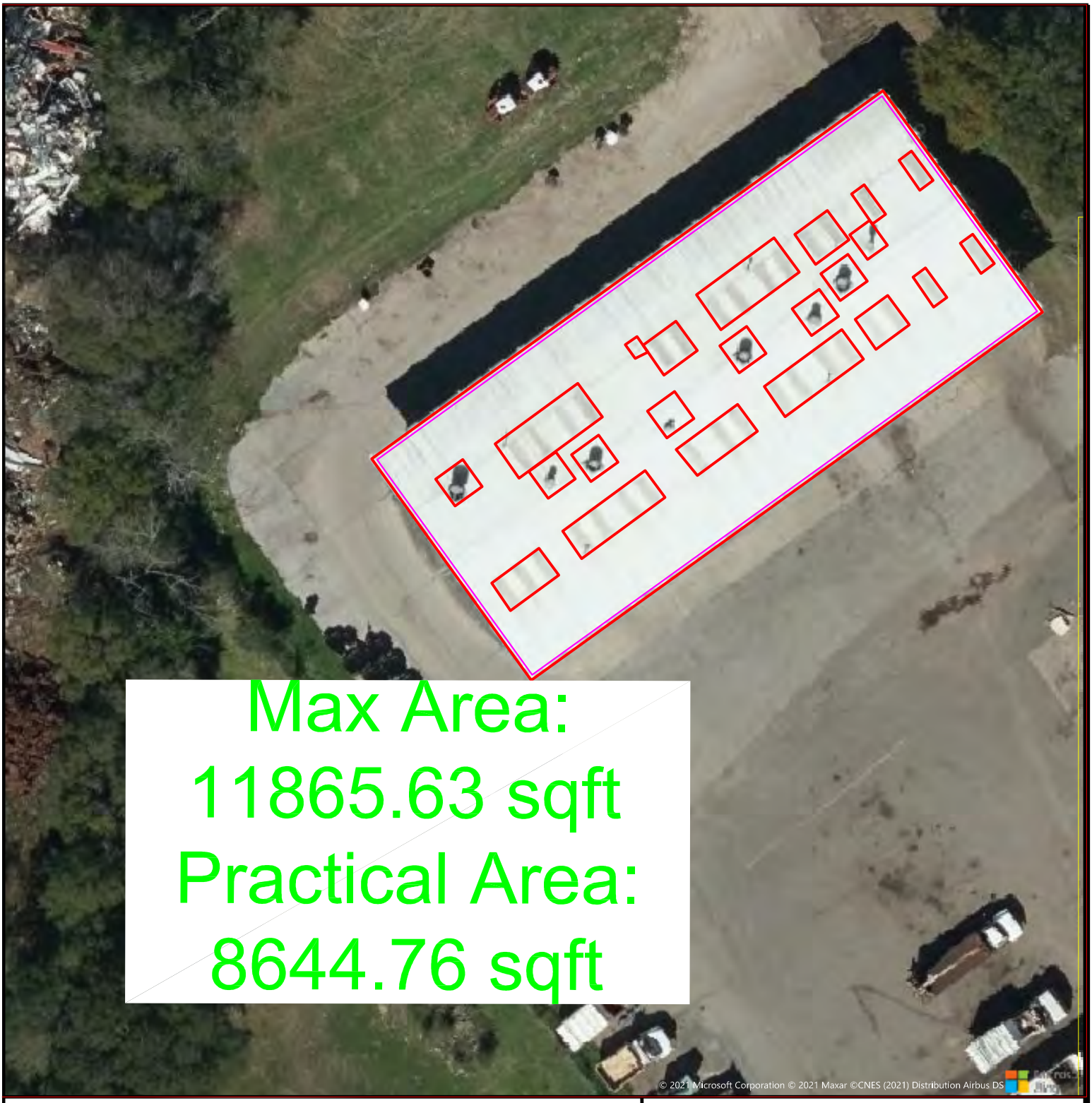

FIELD SERVICE CENTER SECOND GARAGE ROOF
MAXIMUM AREA AND PRACTICAL AREA

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BLUE WAHOOS STADIUM ROOF
MAXIMUM AREA AND PRACTICAL AREA

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CODE ENFORCEMENT ROOF
MAXIMUM AREA AND PRACTICAL AREA

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COMMENDENCIA STREET LOT
CARPORT AREA

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EAST PENSACOLA CLUB HOUSE
MAXIMUM AREA AND PRACTICAL AREA

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FIELD SERVICE CENTER ROOF
MAXIMUM AREA AND PRACTICAL AREA

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FIRE ADMINISTRATION BUILDING ROOF
MAXIMUM AREA AND PRACTICAL AREA

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FIRE STATION 1 ROOF
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FIRE STATION 4 ROOF
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FIRE STATION 2 ROOF
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FIRE STATION 3 ROOF
MAXIMUM AREA AND PRACTICAL AREA

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FLEET GARAGE ROOF
MAXIMUM AREA AND PRACTICAL AREA

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FRICKER COMMUNITY CENTER ROOF
MAXIMUM AREA AND PRACTICAL AREA

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HIGHLAND TERRACE PARK ROOF
MAXIMUM AREA AND PRACTICAL AREA

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HOUSING DEPARTMENT ROOF
MAXIMUM AREA AND PRACTICAL AREA

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JEFFERSON LOT
CARPORT AREA

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JEFFERSON STREET GARAGE
CARPORT AREA (BLUE)
BALLASTED AREA (ORANGE)

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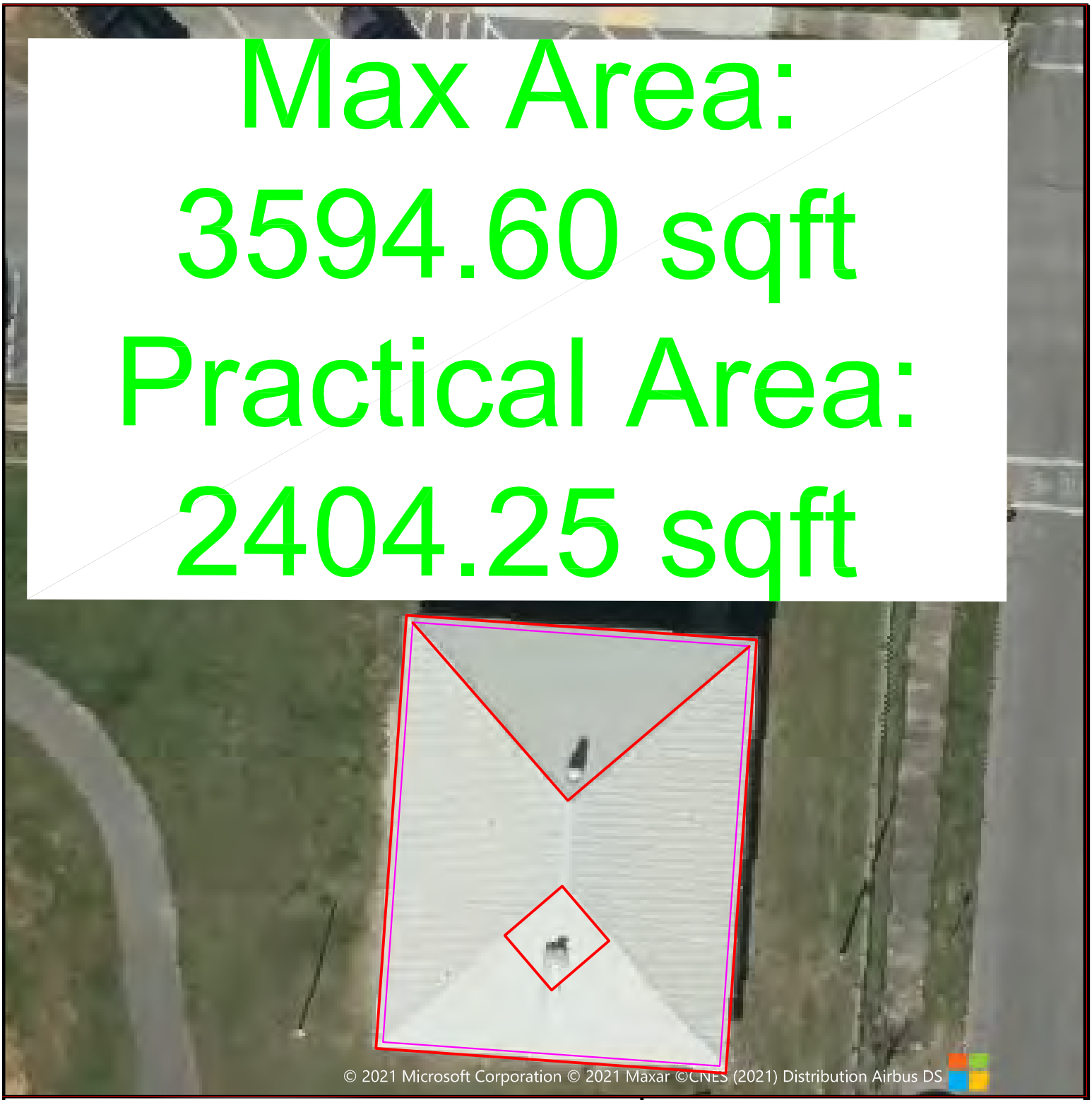

LEGION FIELD ROOF
MAXIMUM AREA AND PRACTICAL AREA

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MALCOLM YOUGE CENTER ROOF
MAXIMUM AREA AND PRACTICAL AREA

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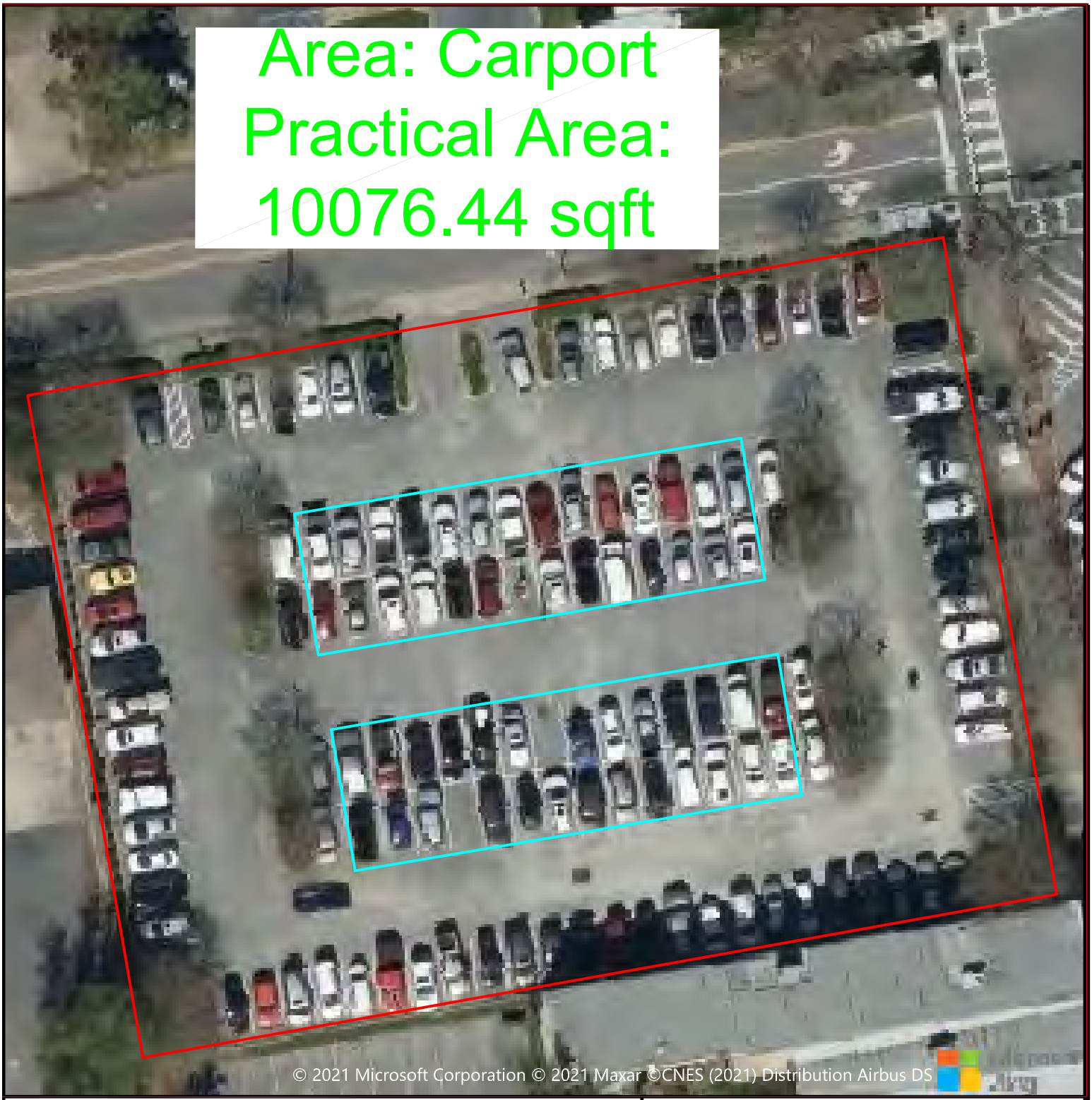

NORTH PALAFOX LOT
CARPORT AREA

DATE:		DESIGNED BY:	NMB
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OSCEOLA CLUB HOUSE
CARPORT AREA

DATE:		DESIGNED BY:	NMB
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OSCEOLA GULF COURSE
NORTH SHED (TOP LEFT)
WEST SHED (TOP RIGHT)
MAINTENANCE BUILDING (BOTTOM)

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FIELD SERVICE CENTER PARKS SHED ROOF
MAXIMUM AREA AND PRACTICAL AREA

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PNS SOUTH PARKING LOT
CARPORT AREA

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PENSACOLA ENERGY OPERATIONS CENTER ROOF
MAXIMUM AREA AND PRACTICAL AREA

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PORT OF PENSACOLA ADMINISTRATION BUILDING
ROOF MAXIMUM AREA AND PRACTICAL AREA

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PORT OF PENSACOLA WAREHOUSE #4 ROOF
MAXIMUM AREA AND PRACTICAL AREA

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PORT OF PENSACOLA WAREHOUSE #8 ROOF
MAXIMUM AREA AND PRACTICAL AREA

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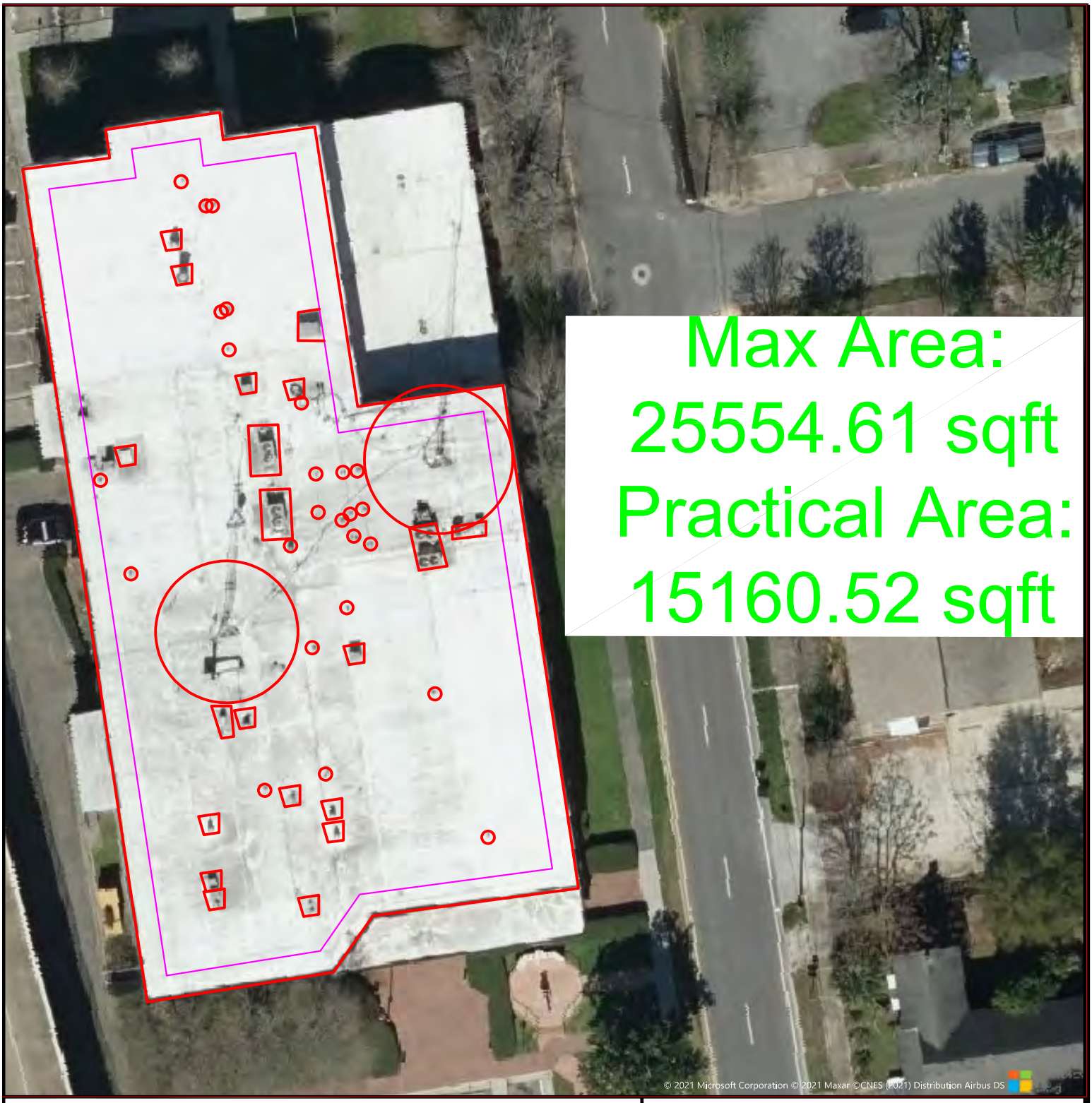

PENSACOLA POLICE DEPARTMENT ROOF
MAXIMUM AREA AND PRACTICAL AREA

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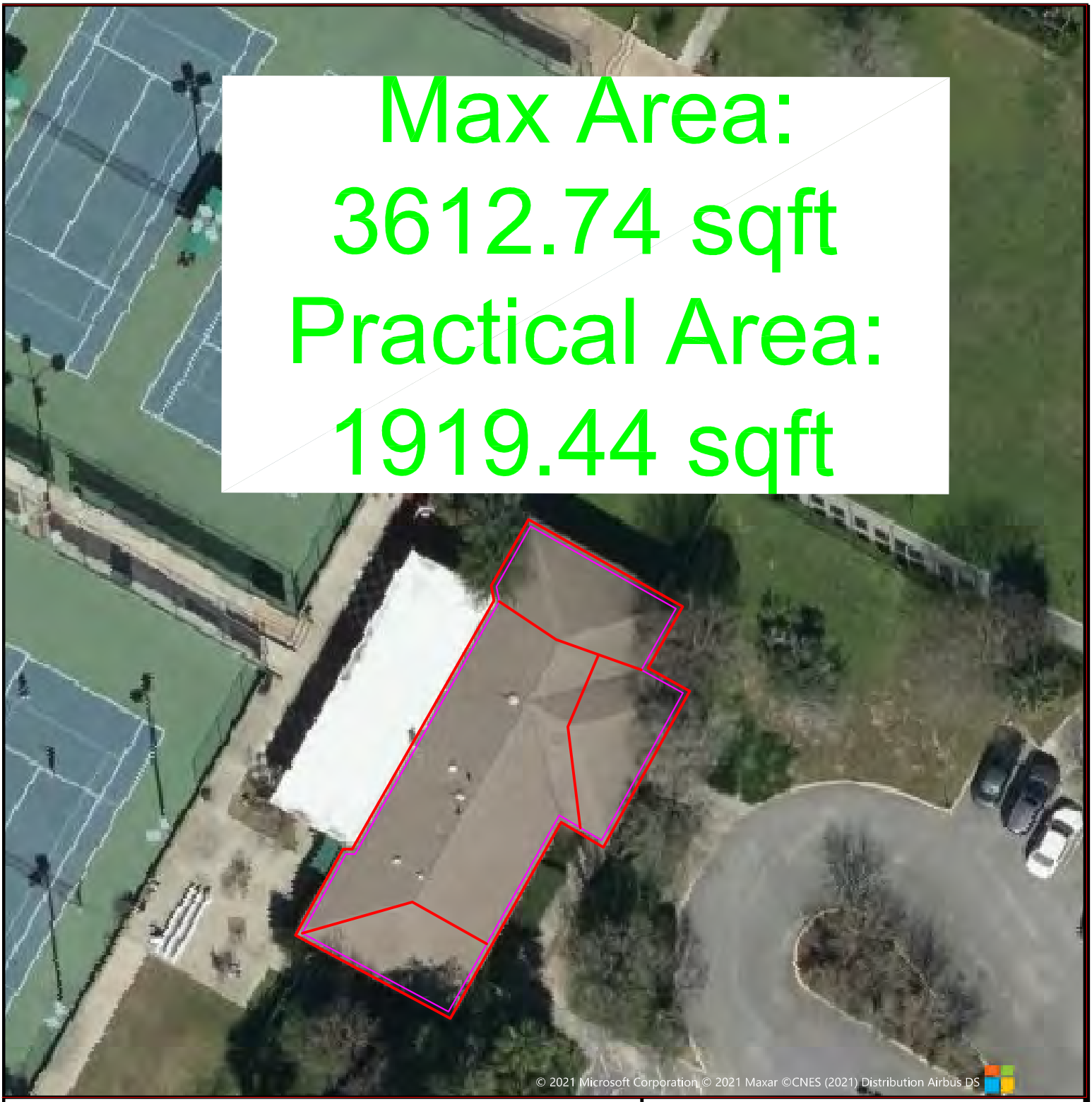

ROGER SCOTT ATHLETIC COMPLEX ROOF
MAXIMUM AREA AND PRACTICAL AREA

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ROGER SCOTT TENNIS CENTER ROOF
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SANDERS BEACH COMMUNITY CENTER ROOF
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SANITATION ROOF
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THEOPHILIS MAY COMMUNITY CENTER ROOF
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VICKREY RESOURCE CENTER ROOF
MAXIMUM AREA AND PRACTICAL AREA

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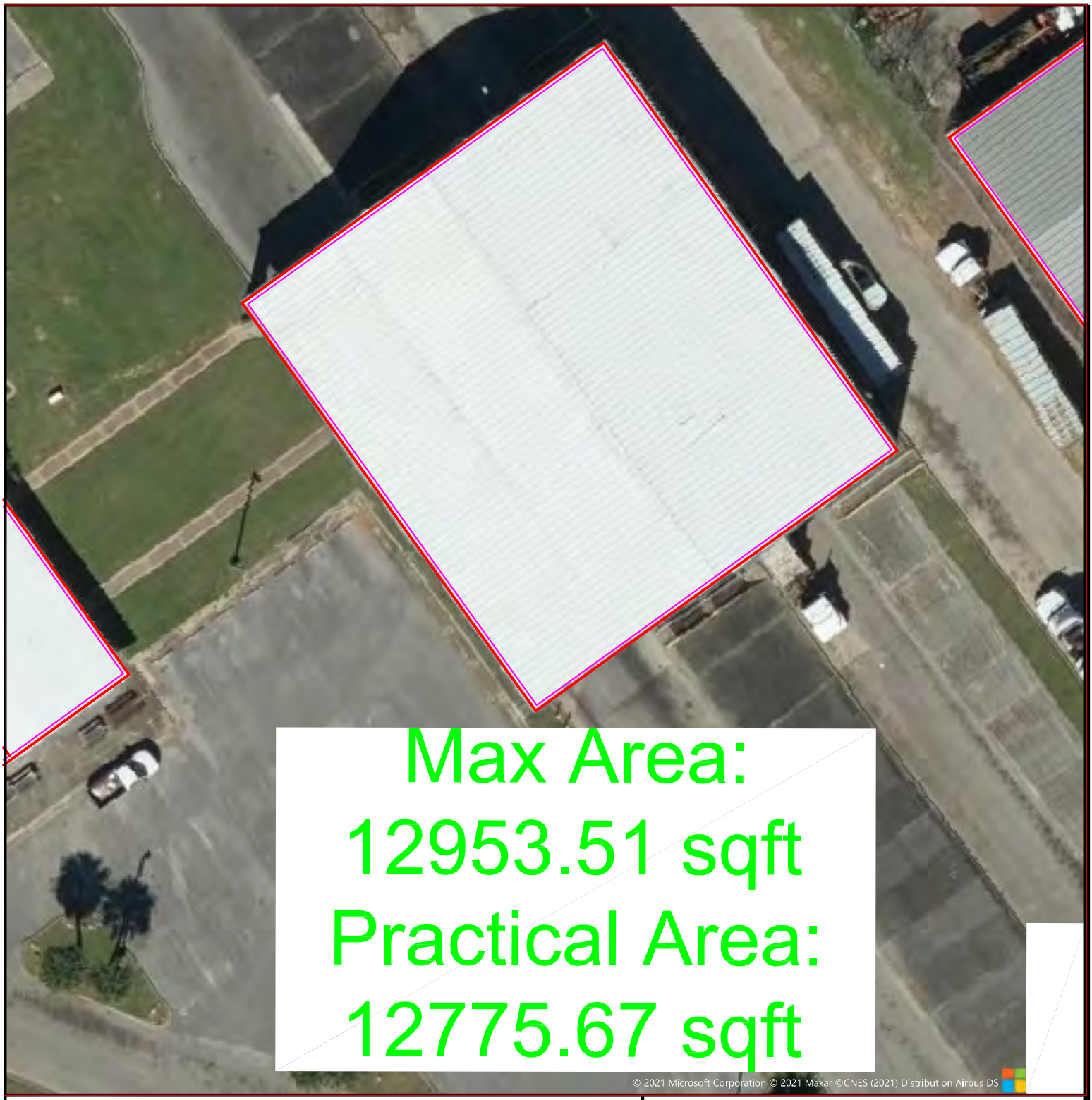

TRANSFER STATION ROOF
MAXIMUM AREA AND PRACTICAL AREA

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PORT OF PENSACOLA ADMINISTRATION BUILDING
ROOF MAXIMUM AREA AND PRACTICAL AREA

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PORT OF PENSACOLA WAREHOUSE #4 ROOF
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PORT OF PENSACOLA WAREHOUSE #8 ROOF
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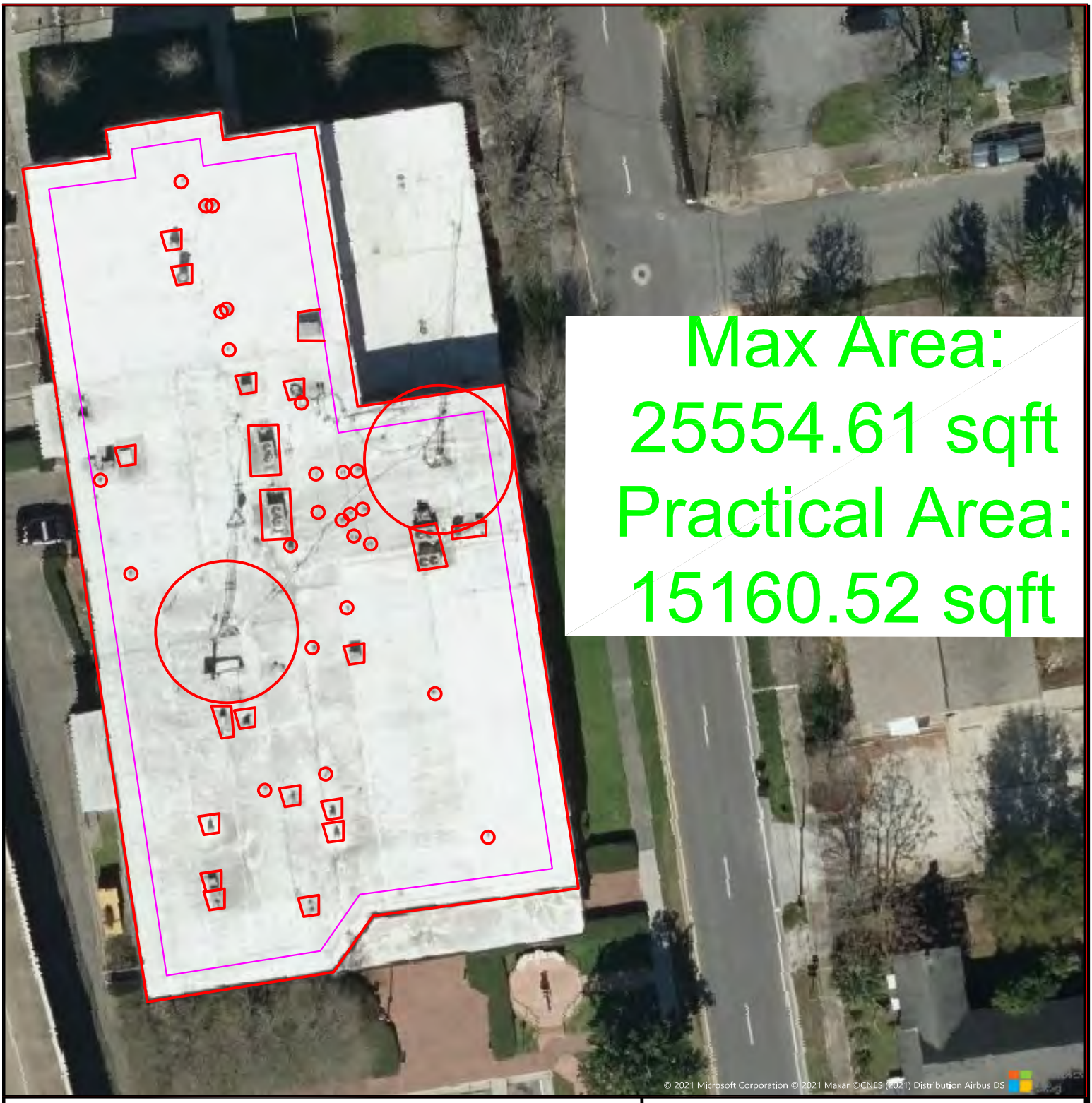

PENSACOLA POLICE DEPARTMENT ROOF
MAXIMUM AREA AND PRACTICAL AREA

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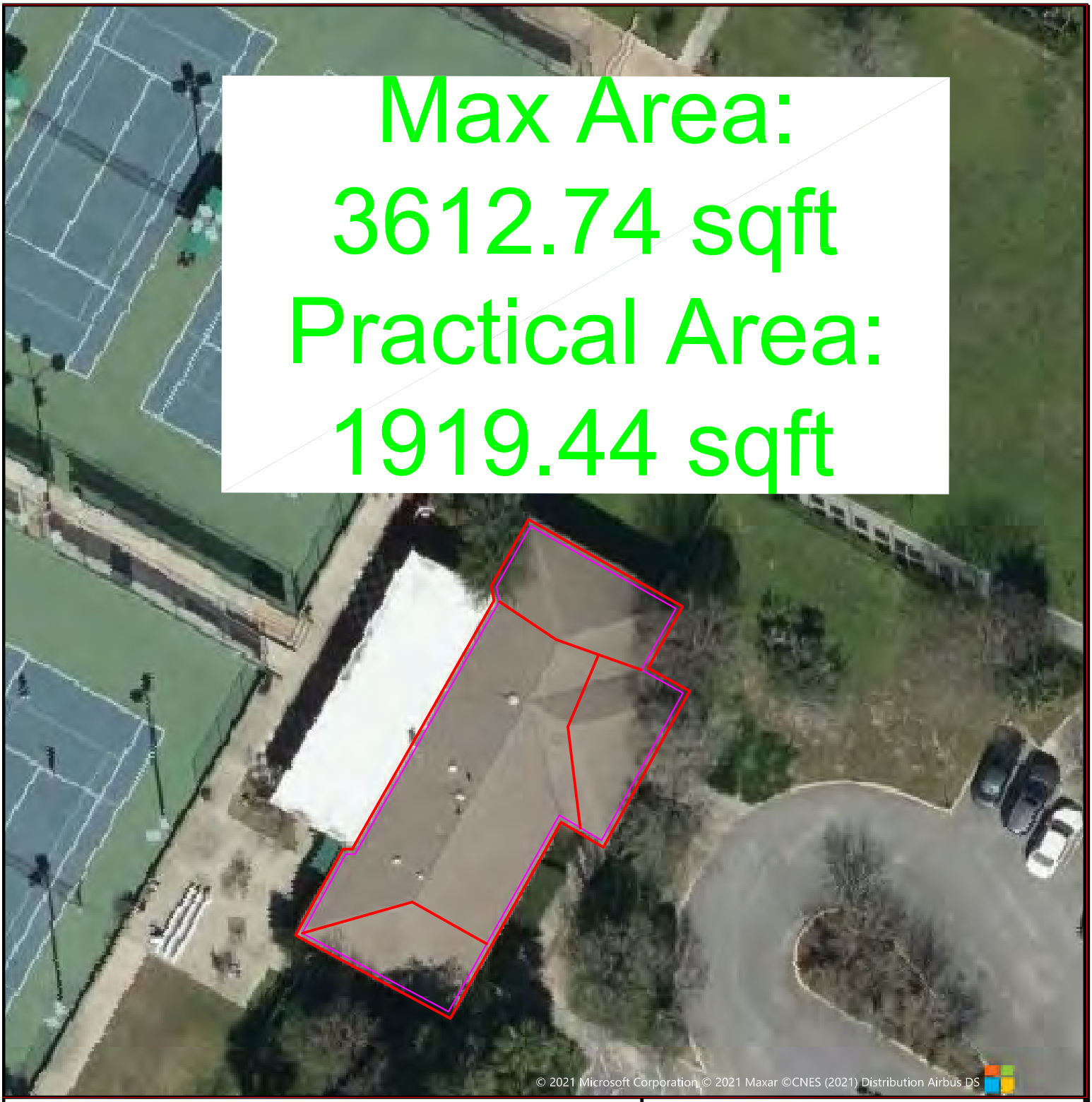

ROGER SCOTT ATHLETIC COMPLEX ROOF
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ROGER SCOTT TENNIS CENTER ROOF
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SANDERS BEACH COMMUNITY CENTER ROOF
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SANITATION ROOF
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VICKREY RESOURCE CENTER ROOF
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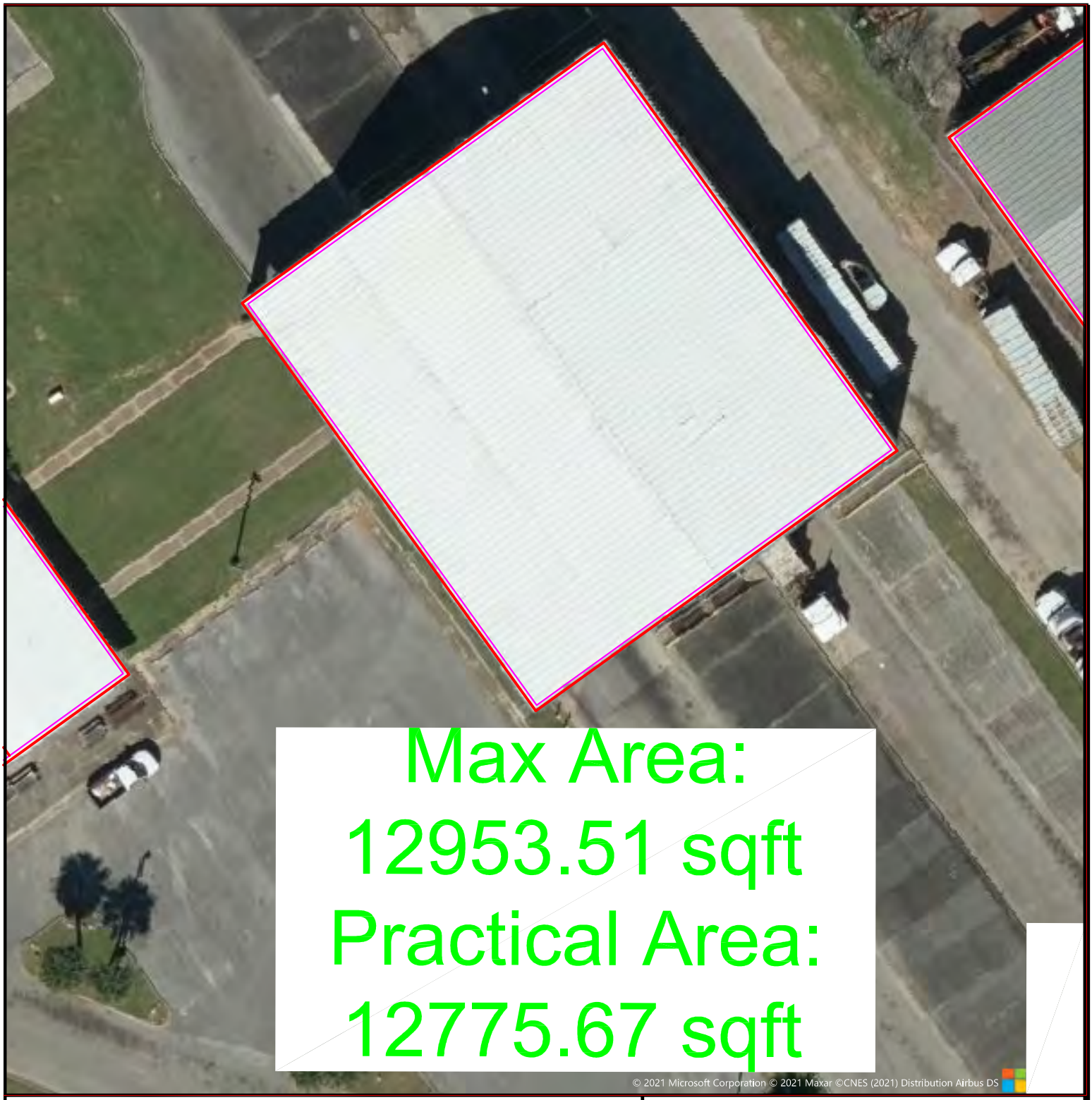

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