

**SPECIAL MEETING
DESTIN CITY COUNCIL
JUNE 13, 2018
ANNEX COUNCIL CHAMBERS
5:30 PM**

*****Core Value of the Month - Stewardship*****

**CALL TO ORDER - JOINT SPECIAL MEETING FOR THE CRA BOARD AND HARBOR CRA
ADVISORY COMMITTEE**

INVOCATION

PLEDGE OF ALLEGIANCE

CRA BOARD ROLL CALL

HARBOR CRA ADVISORY COMMITTEE ROLL CALL

NEW BUSINESS

- A. Tetra Tech, Inc. Presentation of Heritage Park Planning and Design

CRA BOARD MEMBERS COMMENTS/QUESTIONS

- A. Boardmember Rodney Braden
- B. Boardmember Prebble Ramswell
- C. Boardmember Tuffy Dixon
- D. Boardmember Skip Overdier
- E. Boardmember Cyron Marler
- F. Boardmember Chatham Morgan
- G. Boardmember Parker Destin

HARBOR CRA ADVISORY COMMITTEE MEMBERS COMMENTS/QUESTIONS

- A. Committee Member Jan Best
- B. Committee Member Mike Buckingham
- C. Committee member James Green
- D. Committee member Mike Raim
- E. Committee member Casey Jones
- F. Committee member Sandy Trammell

PUBLIC COMMENTS

ADJOURNMENT

All items listed under Consent Agenda are considered to be routine by the City Council and will be enacted by one motion. There will be no separate discussion of these items. If discussion is desired, that item will be removed from the Consent Agenda and may be considered separately.

****To be placed on the Agenda under scheduled presentations, citizens must contact the City Manager or City Clerk's office one (1) week prior to the scheduled City Council Meeting by completing a Speakers Request Form and providing any accompanying documentation as requested in the form's instructions.**

***** Any invocation that is offered before the official start of the City Council meeting shall be the voluntary offering of a private person, to and for the benefit of the City Council. The views or beliefs expressed by the invocation speaker have not been previously reviewed or approved by the City Council, or the City staff, and the City is not allowed by law to endorse the religious beliefs or views of this, or any other speaker. Persons in attendance at the City Council meeting are invited to stand during the opening invocation and Pledge of Allegiance. However, such invitation shall not be construed as a demand, order, or any other type of command. No person in attendance at the meeting shall be required to participate in any opening invocation that is offered. A person may exit the City Council Chambers and return upon completion of the opening invocation if a person does not wish to participate in or witness the opening invocation.**

If a person decides to appeal any decision made by the Council with respect to any matter considered at this meeting, he/she may need a record of the proceedings, and for such purpose, he/she may need to ensure that verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. FS 286.0105.

Persons with disabilities who require assistance to participate in City meetings are requested to notify the City Clerk's Office at (850) 837-4242 in advance. Hearing Impaired: TTY: 711. Assistance also available through Human Resources, Title VI Coordinator, at (850) 837-4242.

Personas con discapacidades que necesitan asistencia o personas que necesitan ayuda con un idioma para participar en las reuniones de la ciudad, deberán notificar la oficina de la Secretaria Municipal al (850) 837-4242 antes de la reunión. Discapacidad auditiva: TTY: 711 (Solicitar Espanol CA). La ayuda tambien está disponible por Recursos Humanos, Coordinador del Título VI, al (850) 837-4242.

Note: Persons who wish to provide public comments on agenda items are requested to fill out a blue speaker card and submit it to the City Clerk at the start of the meeting.

Persons who wish to provide public comments on any other matters not on the agenda are requested to fill out a yellow speaker card and submit it to the City Clerk at the start of the meeting.

All regularly scheduled city council meetings will be streamed live via the city's YouTube channel, www.youtube.com/CityofDestin. Past council meetings can also be viewed here.

Please visit our agenda center on the city website at www.cityofdestin.com/agendas

This document prepared by:
Kristen L. Coons, Esquire
Florida Communities Trust
Department of Community Affairs
2555 Shumard Oak Blvd.
Tallahassee, FL 32399

DEPUTY CLERK KSCHOLCRAFT
DON W. HOWARD, CLERK OF COURTS OKALOOSA COUNTY, FL

FLORIDA COMMUNITIES TRUST
FF8 AWARD #08-007-FF8
FCT Contract #09-CT-D1-08-F8-J1-007
CAPTAIN ROYAL MELVIN HERTIAGE
PARK & PLAZA

DECLARATION OF RESTRICTIVE COVENANTS

THIS AGREEMENT is entered into by and between the **FLORIDA COMMUNITIES TRUST** ("FCT"), a nonregulatory agency within the State of Florida Department of Community Affairs, and the **CITY OF DESTIN**, a political subdivision of the State of Florida ("Recipient").

THIS AGREEMENT IS ENTERED INTO BASED ON THE FOLLOWING FACTS:

WHEREAS, the intent of this Agreement is to impose terms and conditions on the use of the proceeds of certain bonds, hereinafter described, and the lands acquired with such proceeds, as described in Exhibit "A" attached hereto and made a part hereof ("Project Site"), that are necessary to ensure compliance with applicable Florida law and federal income tax law and to otherwise implement the provisions of Sections 259.105, 259.1051 and Chapter 380, Part III, Florida Statutes;

WHEREAS, Chapter 380, Part III, Fla. Stat., the Florida Communities Trust Act, creates a non-regulatory agency within the Department of Community Affairs ("Department") that will assist local governments in bringing into compliance and implementing the conservation, recreation and open space, and coastal elements of their comprehensive plans or in conserving natural resources and resolving land use conflicts by providing financial assistance to local governments and nonprofit environmental organizations to carry out projects and activities authorized by the Florida Communities Trust Act;

WHEREAS, FCT is funded through either Section 259.105(3)(c), Fla. Stat. of the Florida Forever Act, which provides for the distribution of twenty-two percent (22%), less certain reductions, of the net Florida Forever Revenue Bond proceeds to the Department, or any other revenue source designated by the Florida Legislature, to provide land acquisition grants to local governments and nonprofit environmental organizations for the acquisition of community-based projects, urban open spaces, parks and greenways to implement local comprehensive plans;

WHEREAS, the Florida Forever Revenue Bonds are issued as tax-exempt bonds, meaning

the interest on the Bonds is excluded from the gross income of bondholders for federal income tax purposes;

WHEREAS, Rule 9K-7.009(1), Florida Administrative Code ("F.A.C."), authorizes FCT to impose conditions for funding on those FCT applicants whose projects have been selected for funding;

WHEREAS, FCT has approved the terms under which the Project Site was acquired and the deed whereby the Recipient acquired title to the Project Site. The deed shall contain such covenants and restrictions as are sufficient to ensure that the use of the Project Site at all times complies with Section 375.051, Florida Statutes and Section 9, Article XII of the State Constitution and it shall contain clauses providing for the conveyance of title to the Project Site to the Board of Trustees of the Internal Improvement Trust Fund ("Trustees") upon the failure of the Recipient to use the Project Site acquired thereby for such purposes; and

WHEREAS, the purpose of this Agreement is to set forth the covenants and restrictions that are imposed on the Project Site subsequent to disbursing FCT Florida Forever funds to the Recipient for Project Costs.

NOW THEREFORE, in consideration of the mutual covenants and undertakings set forth herein, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, FCT and the Recipient do hereby contract and agree as follows:

I. PERIOD OF AGREEMENT

1. This Agreement shall begin upon execution by both parties. The covenants and restrictions contained herein shall run with the Project Site and shall bind, and the benefit shall inure to, FCT and the Recipient and their respective successors and assigns.

II. MODIFICATION OF AGREEMENT

1. Either party may request modification of the provisions of this Agreement at any time. Changes which are mutually agreed upon shall be valid only when reduced to writing and duly signed by each of the parties hereto. Such amendments shall be incorporated into this Agreement.

III. RECORDING AND APPROVAL OF DECLARATION OF RESTRICTIVE COVENANTS

1. Upon execution by the parties hereto, the Recipient shall cause this Agreement to be recorded and filed in the official public records of **Okaloosa County, Florida**, and in such manner and in such other places as FCT may reasonably request. The Recipient shall pay all fees and charges incurred in connection therewith.

2. The Recipient and FCT agree that the State of Florida Department of Environmental Protection shall forward this Agreement to the Department of Environmental Protection Bond Counsel for review. In the event Bond Counsel opines that an amendment is required to this Agreement so that the tax-exempt status of the Florida Forever Bonds is not jeopardized, FCT and the Recipient shall amend the Agreement accordingly.

IV. NOTICE AND CONTACT

1. All notices provided under or pursuant to this Agreement shall be in writing and delivered either by hand delivery or first class, certified mail, return receipt requested, to the addresses specified below. Any such notice shall be deemed received on the date of delivery if by personal delivery or upon actual receipt if sent by registered mail.

FCT: Florida Communities Trust
Department of Community Affairs
2555 Shumard Oak Blvd.
Tallahassee, FL 32399-2100
ATTN: Program Manager

Recipient: City of Destin
4200 Indian Bayou Trail
Destin, Florida 32541
ATTN: Grants and Projects Manager

2. In the event that a different representative or address is designated for paragraph 1. above after execution of this Agreement, notice of the change shall be rendered to FCT as provided in paragraph 1. above.

V. PROJECT SITE TITLE REQUIREMENTS IMPOSED BY CHAPTER 259, CHAPTER 375 AND CHAPTER 380, PART III, FLA. STAT.

1. Any transfer of the Project Site shall be subject to the approval of FCT and FCT shall enter into a new agreement with the transferee containing such covenants, clauses or other restrictions as are sufficient to protect the interest of the State of Florida.

2. The interest acquired by the Recipient in the Project Site shall not serve as security for any debt of the Recipient.

3. If the existence of the Recipient terminates for any reason, title to the Project Site shall be conveyed to the Trustees unless FCT negotiates an agreement with another local government, nonprofit environmental organization, the Florida Division of Forestry, the Florida Fish

government, nonprofit environmental organization, the Florida Division of Forestry, the Florida Fish and Wildlife Conservation Commission, the Department of Environmental Protection or a Water Management District who agrees to accept title and manage the Project Site.

4. In the event that the Project Site is damaged or destroyed or title to the Project Site, or any part thereof, is taken by any governmental body through the exercise or the threat of the exercise of the power of eminent domain, the Recipient shall deposit with FCT any insurance proceeds or any condemnation award and shall promptly commence to rebuild, replace, repair or restore the Project Site in such manner as is consistent with the Agreement. FCT shall make any such insurance proceeds or condemnation award moneys available to provide funds for such restoration work. In the event that the Recipient fails to commence or to complete the rebuilding, repair, replacement or restoration of the Project Site after notice from FCT, FCT shall have the right, in addition to any other remedies at law or in equity, to repair, restore, rebuild or replace the Project Site so as to prevent the occurrence of a default hereunder.

Notwithstanding any of the foregoing, FCT shall have the right to seek specific performance of any of the covenants and restrictions of this Agreement concerning the construction and operation of the Project Site.

VI. MANAGEMENT OF PROJECT SITE

1. The Project Site shall be managed only for the conservation, protection and enhancement of natural and historical resources and for compatible passive, natural resource-based public outdoor recreation, along with other related uses necessary for the accomplishment of this purpose. The proposed uses for the Project Site are specifically designated in the Management Plan approved by FCT.

2. The Recipient shall ensure that the future land use designation assigned to the Project Site is for a category dedicated to open space, conservation or outdoor recreation uses, as appropriate. If an amendment to the applicable comprehensive plan is required, the amendment shall be proposed at the next comprehensive plan amendment cycle available to the Recipient.

3. The Recipient shall ensure, and provide evidence thereof to FCT, that all activities under this Agreement comply with all applicable local, state, regional and federal laws and regulations, including zoning ordinances and the adopted and approved comprehensive plan for the jurisdiction, as applicable. Evidence shall be provided to FCT that all required licenses and permits have been obtained prior to the commencement of any construction.

4. The Recipient shall, through its agents and employees, prevent the unauthorized use of the Project Site or any use thereof not in conformity with the Management Plan approved by FCT.

5. FCT staff or its duly authorized representatives shall have the right at any time to inspect the Project Site and the operations of the Recipient at the Project Site.

6. All buildings, structures, improvements and signs shall require the prior written approval of FCT as to purpose. Further, tree removal, other than non-native species, and major land alterations shall require the written approval of FCT. The approvals required from FCT shall not be unreasonably withheld by FCT upon sufficient demonstration that the proposed structures, buildings, improvements, signs, vegetation removal or land alterations will not adversely impact the natural resources of the Project Site. FCT's approval of the Recipient's Management Plan addressing the items mentioned herein shall be considered written approval from FCT.

7. If archaeological and historic sites are located on the Project Site, the Recipient shall comply with Chapter 267, Fla. Stat. The collection of artifacts from the Project Site or the disturbance of archaeological and historic sites on the Project Site shall be prohibited unless prior written authorization has been obtained from the Department of State, Division of Historical Resources.

8. As required by Rule 9K-7.013, F.A.C., each year after FCT reimbursement of Project Costs the Recipient shall prepare and submit to FCT an annual stewardship report that documents the progress made on implementing the Management Plan.

VII. SPECIAL MANAGEMENT CONDITIONS

The following conditions are particular to the Project Site:

1. The future land use and zoning designations of the project site shall be changed to conservation, outdoor recreation, open space, or other similar category.
2. At least four recreational facilities, such as wildlife observation platform, picnic pavilion, playground, and boardwalk, shall be provided. The facilities shall be developed in a manner that allows the general public reasonable access for observation and appreciation of the natural resources on the project site without causing harm to those resources.
3. The project shall provide access facilities to an existing open water shoreline, such as a wildlife observation platform and boardwalk.
4. A permanent recognition sign, at a minimum size of 3' x 4', shall be maintained at the entrance area of the project site. The sign shall acknowledge that the project site was purchased with funds from the Florida Communities Trust Program and the City of Destin.
5. Interpretive signs or kiosks shall be provided on the project site to educate visitors about the natural environment or history of the area.

6. At least 12 regularly scheduled educational classes or programs shall be provided at the project site per year. These programs shall promote the protection of environmental and historic resources.
7. A staffed maritime heritage center shall be developed on the project site for public use, provide year round education classes or programs, and be open to the general public on a consistent basis.
8. The location and design of any parking facility shall be designed to have minimal impacts on natural resources. The parking area shall incorporate pervious materials wherever feasible.
9. The quality of surface waters shall be improved by the installation of stormwater facilities on the project site that provide wildlife habitat and/or open space in a park like setting. The development of the stormwater facilities shall be coordinated with the Northwest Florida Water Management District.
10. Exotic vegetation shall be removed from the project site.
11. A significant portion of the degraded upland area, approximately 0.4 acres on the project, shall be planted with native upland vegetation.
12. An ongoing monitoring and control program for invasive vegetation including exotic (non-native) and nuisance native plant species shall be implemented at the project site. The objective of the control program shall be the elimination of invasive exotic plant species and the maintenance of a diverse association of native vegetation. The management plan shall reference the Exotic Pest Plant Council's List of Florida's Most Invasive Species to assist in identifying invasive exotics on the project site.
13. A feral animal removal program shall be developed and implemented for the project site.
14. Prior to the commencement of any proposed development activities, measures will be taken to determine the presence of any archaeological sites. All planned activities involving known archaeological sites or potential site areas shall be closely coordinated with the Division of Historical Resources in order to prevent the disturbance of these sites. Information on significant historical and archaeological sites shall be provided to the Division of Historical Resources for the purpose of updating the Florida Master Site File.
15. A safe pedestrian sidewalk connection shall be provided between the project site and the existing sidewalk network along U.S. Highway 98 /Harbor Boulevard.
16. Bike racks shall be installed to provide an alternative to automobile transportation to the project site.

17. Management of the project site shall be coordinated with other panhandle beach communities and non-profit environmental organizations to protect open space along the Gulf of Mexico to preserve coastal resources and ensure the maintenance of public shoreline access.
- ✓ 18. The development and management of the project site shall be coordinated with the agencies managing the Destin Harbor Walk trail, to ensure the project site is managed as part of a linked land-based trail system. The City will ensure that the offsite connecting trail network (Harbor Walk) is timely completed and directly links to this project site.
19. The development and management of the project site shall enhance the designated Santa Rosa Sound/Emerald Coast portion of the Florida Circumnavigational Saltwater Paddling Trail by providing a paddling trail sign, canoe/kayak launch, and restrooms.

VIII. OBLIGATIONS OF THE RECIPIENT RELATING TO THE USE OF BOND PROCEEDS

1. FCT is authorized by Section 380.510, Fla. Stat. to impose conditions for funding on the Recipient in order to ensure that the project complies with the requirements for the use of Florida Forever Bond proceeds including, without limitation, the provisions of the Internal Revenue Code and the regulations promulgated thereunder as the same pertain to tax exempt bonds.

2. The Recipient agrees and acknowledges that the below listed transactions, events, and circumstances, collectively referred to as the "disallowable activities," may be disallowed on the Project Site as they may have negative legal and tax consequences under Florida law and federal income tax law. The Recipient further agrees and acknowledges that these disallowable activities may be allowed up to a certain extent based on guidelines or tests outlined in the Federal Private Activity regulations of the Internal Revenue Service:

- a. any sale or lease of any interest in the Project Site to a governmental agency or a non-governmental person or organization;
- b. the operation of any concession on the Project Site by a non-governmental person or organization;
- c. any sales contract or option to buy or sell things attached to the Project Site to be severed from the Project Site with a non-governmental person or organization;
- d. any use of the Project Site by a non-governmental person other than in such person's capacity as a member of the general public;
- e. any change in the character or use of the Project Site from that use expected at the date of the issuance of any series of Bonds from which the

disbursement is to be made;

- f. a management contract for the Project Site with a non-governmental person or organization; or
- g. such other activity or interest as may be specified from time to time in writing by FCT to the Recipient.

3. If the Project Site, after its acquisition by the Recipient and/or the Trustees, is to remain subject to any of the disallowable activities, the Recipient shall provide notice to FCT, as provided for in paragraph III.1. above, at least sixty (60) calendar days in advance of any such transactions, events or circumstances, and shall provide FCT such information as FCT reasonably requests in order to evaluate for approval the legal and tax consequences of such disallowable activities.

4. In the event that FCT determines at any time that the Recipient is engaging, or allowing others to engage, in disallowable activities on the Project Site, the Recipient shall immediately cease or cause the cessation of the disallowable activities upon receipt of written notice from FCT. In addition to all other rights and remedies at law or in equity, FCT shall have the right to seek temporary and permanent injunctions against the Recipient for any disallowable activities on the Project Site.

DELEGATIONS AND CONTRACTUAL ARRANGEMENTS BETWEEN THE RECIPIENT AND OTHER GOVERNMENTAL BODIES, NONPROFIT ENTITIES OR NON GOVERNMENTAL PERSONS FOR USE OR MANAGEMENT OF THE PROJECT SITE WILL IN NO WAY RELIEVE THE RECIPIENT OF THE RESPONSIBILITY TO ENSURE THAT THE CONDITIONS IMPOSED HEREIN ON THE PROJECT SITE AS A RESULT OF UTILIZING BOND PROCEEDS TO ACQUIRE THE PROJECT SITE ARE FULLY COMPLIED WITH BY THE CONTRACTING PARTY.

IX. RECORDKEEPING; AUDIT REQUIREMENTS

1. The Recipient shall maintain financial procedures and support documents, in accordance with generally accepted accounting principles, to account for the receipt and expenditure of funds under this Agreement. These records shall be available at all reasonable times for inspection, review or audit by state personnel, FCT and other personnel duly authorized by FCT. "Reasonable" shall be construed according to the circumstances, but ordinarily shall mean the normal business hours of 8:00 a.m. to 5:00 p.m., local time, Monday through Friday.

2. If the Recipient expends a total amount of State financial assistance equal to or in excess of \$500,000 in any fiscal year of such Recipient, the Recipient must have a State single or project-specific audit for such fiscal year in accordance with Section 215.97, Fla. Stat., the applicable rules of the Executive Office of the Governor and the Comptroller and Chapter 10.550 (local

government entities) or Chapter 10.650 (nonprofit organizations), Rules of the Auditor General. In determining the State financial assistance expended in its fiscal year, the Recipient shall consider all sources of State financial assistance, including State funds received from FCT, other state agencies and other non-state entities. State financial assistance does not include Federal direct or pass-through awards and resources received by a non-state entity for Federal program matching requirements. The funding for this Agreement was received by FCT as a grant appropriation.

In connection with the audit requirements addressed herein, the Recipient shall ensure that the audit complies with the requirements of Section 215.97(7), Fla. Stat. This includes submission of a reporting package as defined by Section 215.97(2)(d), Fla. Stat. and Chapter 10.550 (local government entities) or 10.650 (nonprofit organizations), Rules of the Auditor General.

3. If the Recipient expends less than \$500,000 in State financial assistance in its fiscal year, an audit conducted in accordance with the provisions of Section 215.97, Fla. Stat. is not required. If the Recipient elects to have an audit conducted in accordance with the provisions of Section 215.97, Fla. Stat., the cost of the audit must be paid from non-State funds (i.e., the cost of such an audit must be paid from Recipient funds not obtained from a State entity).

4. The annual financial audit report shall include all management letters, the Recipient's response to all findings, including corrective actions to be taken, and a schedule of financial assistance specifically identifying all Agreement and other revenue by sponsoring agency and agreement number. Copies of financial reporting packages required under this Article shall be submitted by or on behalf of the Recipient directly to each of the following:

Department of Community Affairs (at each of the following addresses):

Office of Audit Services
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100

and

Florida Communities Trust
2555 Shumard Oak Boulevard
Tallahassee, Florida 32399-2100

State of Florida Auditor General at the following address:

Auditor General's Office
Room 401, Claude Pepper Building
111 West Madison Street
Tallahassee, Florida 32302-1450

5. If the audit shows that any portion of the funds disbursed hereunder were not spent in accordance with the conditions of this Agreement, the Recipient shall be held liable for

reimbursement to FCT of all funds not spent in accordance with the applicable regulations and Agreement provisions within thirty (30) days after FCT has notified the Recipient of such non-compliance.

6. The Recipient shall retain all financial records, supporting documents, statistical records and any other documents pertinent to this Agreement for a period of five years after the date of submission of the final expenditures report. However, if litigation or an audit has been initiated prior to the expiration of the five-year period, the records shall be retained until the litigation or audit findings have been resolved.

7. The Recipient shall have all audits completed in accordance with Section 215.97, Fla. Stat. performed by an independent certified public accountant ("IPA") who shall either be a certified public accountant or a public accountant licensed under Chapter 473, Fla. Stat. The IPA shall state that the audit complied with the applicable provisions noted above.

X. DEFAULT; REMEDIES; TERMINATION

1. If any essential term or condition of the Declaration of Restrictive Covenants is violated by the Recipient or by some third party with the knowledge of the Recipient, the Recipient shall be notified of the violation by written notice given by personal delivery, registered mail or registered expedited service. The recipient shall diligently commence to cure the violation or complete curing activities within thirty (30) days after receipt of notice of the violation. If the curing activities can not be reasonably completed within the specified thirty (30) day time frame, the Recipient shall submit a timely written request to the FCT Program Manager that includes the status of the current activity, the reasons for the delay and a time frame for the completion of the curing activities. FCT shall submit a written response within thirty (30) days of receipt of the request and approval shall not be unreasonably withheld. It is FCT's position that all curing activities shall be completed within one hundred twenty (120) days of the Recipient's notification of the violation. However, if the Recipient can demonstrate extenuating circumstances exist to justify a greater extension of time to complete the activities, FCT shall give the request due consideration. If the Recipient fails to correct the violation within either (a) the initial thirty (30) day time frame or (b) the time frame approved by FCT pursuant to the Recipient's request, fee simple title to all interest in the Project Site shall be conveyed to the Trustees unless FCT negotiates an agreement with another local government, nonprofit environmental organization, the Florida Division of Forestry, the Florida Fish and Wildlife Conservation Commission, the Department of Environmental Protection or a Water Management District, who agrees to accept title and manage the Project Site. FCT shall treat such property in accordance with Section 380.508(4)(e), Fla. Stat.

XI. STANDARD CONDITIONS

1. This Agreement shall be construed under the laws of the State of Florida, and venue for any actions arising out of this Agreement shall lie in Leon County. If any provision hereof is in conflict with any applicable statute or rule, or is otherwise unenforceable, then such provision shall

be deemed null and void to the extent of such conflict and shall be severable, but shall not invalidate any other provision of this Agreement.

2. No waiver by FCT of any right or remedy granted hereunder or failure to insist on strict performance by the Recipient shall affect or extend or act as a waiver of any other right or remedy of FCT hereunder, or affect the subsequent exercise of the same right or remedy by FCT for any further or subsequent default by the Recipient.

3. The Recipient agrees to comply with the Americans With Disabilities Act (Public Law 101-336, 42 U.S.C. Section 12101 et seq.), if applicable, which prohibits discrimination by public and private entities on the basis of disability in the areas of employment, public accommodations, transportation, State and local government services, and in telecommunications.

4. A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime or on the discriminatory vendor list may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit lease bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with a public entity, and may not transact business with any public entity in excess of Category Two for a period of 36 months from the date of being placed on the convicted vendor list or on the discriminatory vendor list.

5. No funds or other resources received from FCT in connection with this Agreement may be used directly or indirectly to influence legislation or any other official action by the Florida Legislature or any state agency.

This Agreement including Exhibit "A" embodies the entire agreement between the parties.



WITNESS WHEREOF, the parties hereto have duly executed this Agreement.

Print Name: Ray Borley

Lindsey Chabot
Print Name: Lindsey Chabot

STATE OF FLORIDA
COUNTY OF OKALOOSA

The foregoing instrument was acknowledged before me this 17th day of May, 2010, 2010, by SARAH "SAM" SEEVERS on behalf of the Local Government, and who is personally known to me.



KIMBERLY L. MONTGOMERY
MY COMMISSION # DD 955805
EXPIRES: March 5, 2014
Bonded Thru Budget Notary Services

CITY OF DESTIN, a political subdivision of
the State of Florida

By: Sarah Sam Seevers
SARAH "SAM" SEEVERS, Mayor

Date: 5-17-10

Approved as to Form and Legality:

By: Jerome Miller
Print Name: J. Jerome Miller

Kimberly L. Montgomery
Notary Public Kimberly L. Montgomery

Print Name:

Commission No. DD 955805

My Commission Expires: 3/5/2014

Witness:

[Signature]
Print Name: Miriam Snipes

[Signature]
Print Name: John Gray

FLORIDA COMMUNITIES TRUST

By: Ken Reecy
Ken Reecy, Community Program Manager
Florida Communities Trust

Date: 6-1-10

Approved as to Form and Legality:

By: [Signature]
Kristen L. Coons, Trust Counsel

STATE OF FLORIDA
COUNTY OF LEON

The foregoing instrument was acknowledged before me this 1st day of June, 2010, by **Ken Reecy**, Community Program Manager, Florida Communities Trust, who is personally known to me.

[Signature]
Notary Public
Print Name: _____
Commission No. _____
My Commission Expires: _____



EXHIBIT "A"

The Westerly 68 feet of Lot 7-G, Moreno Point Military Reservation survey of lots in unsectionalized Township 2 South, Range 23 West, City of Destin, As Recorded in Deed Book 25, Page 573 of the public records of Okaloosa County, Florida, more particularly described as beginning at an iron pin (#3724) on the Southerly right-of-way of U.S. Highway 98 (100' R/W), Marking the Northwesterly corner of said lot 7-G; thence South 80 degrees 33'40" East (reference bearing) along said right-of-way, a distance of 67.93 feet to an iron pin (#0340); thence departing said right-of-way, South 09 Degrees 20'42" West, 448.16 feet to an iron pin (NO#); thence continue South 09 Degrees 20'42" West, 45.12 feet to a point on the Southernmost edge of a wood boardwalk along Destin Harbor; thence North 81 degrees 32'49" West along said Boardwalk, 68.00 feet; thence departing said Destin Harbor, North 09 degrees 21'02" East, 15.58 feet to an iron pin (#0340); thence continue North 09 degrees 21'02" East, a distance of 478.86 feet to the Point of Beginning.

END OF LEGAL DESCRIPTION

**MINUTES
COMMUNITY REDEVELOPMENT AGENCY
BOARD OF DIRECTORS MEETING
OCTOBER 7, 2013
ANNEX COUNCIL CHAMBERS
5:00 PM**

The Community Redevelopment Agency met in a special session with the following members and staff present:

Destin Community Redevelopment Agency

Chairperson Sandy Trammell

Boardmember Cyron Marler

Boardmember Jim Bagby

Boardmember Tuffy Dixon

Boardmember Larry Williges

Boardmember Jim Wood

Boardmember Jim Foreman

Destin City Staff

CRA Executive Director Maryann Ustick

Parks/Recreation Director Lance Johnson

Community Development Director Ken Gallander

CRA/Development Manager Steve Schmidt

City Engineer David Campbell

City Clerk Rey Bailey

IT Manager Webb Warren

Public Info Manager Doug Rainer

City Attorney Jerry Miller

Land Use Attorney Scott Shirley

CALL TO ORDER, INVOCATION AND PLEDGE OF ALLEGIANCE

CRA Board Chairperson Sandy Trammell called the meeting to order at 5:00 PM.

OLD BUSINESS:

1. Request approval of the minutes of the June 3, 2013 CRA Board meeting

Motion by Boardmember Wood, seconded by Boardmember Foreman, to approve the minutes of the June 3, 2013 CRA Board meeting passed 7-0 (Board members Trammell, Wood, Marler, Dixon, Bagby, Foreman, and Williges voted "yes").

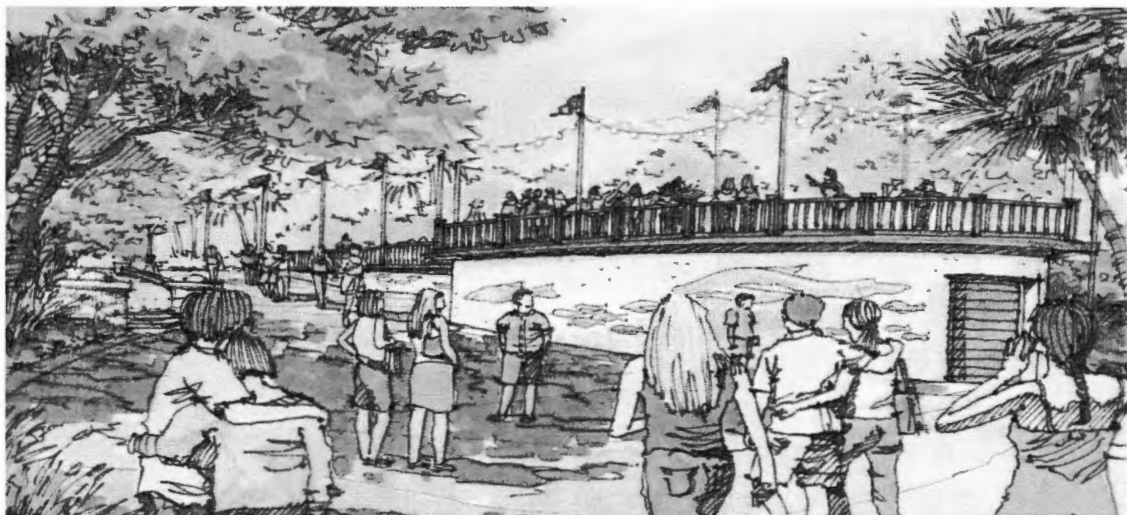
PUBLIC OPPORTUNITY TO SPEAK ON CRA BOARD PROPOSITIONS

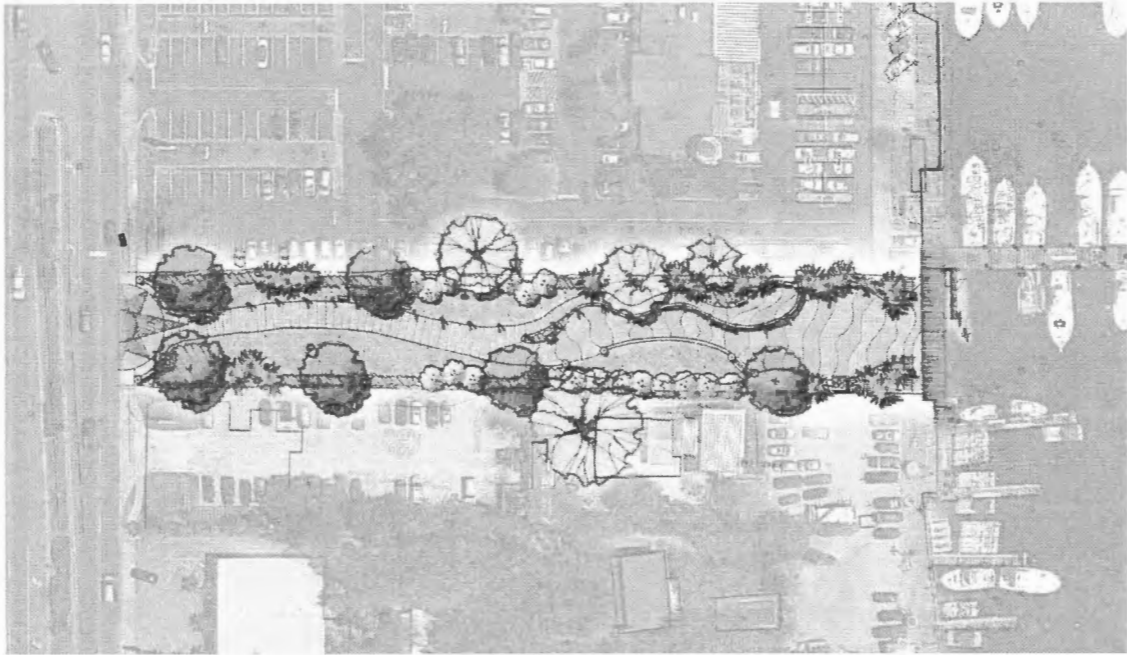
NEW BUSINESS:

2. Captain Royal Melvin Heritage Park Concept Plan and Final Design Authorization

The CRA Executive Director noted that the CRA Board approved a motion at their June 3, 2013 meeting to utilize the City's professional services provider, Tetra Tech Inc., and to use funds budgeted for the interim park improvement, to proceed with task items I, II, and up to 50 percent of task item VIII of work order number 28 to complete a schematic concept update for the Captain Royal Melvin Heritage Park and Plaza. Since then, Tetra Tech has reviewed the requirements of the grant which provided the funding for the park and met individually with policy makers and stakeholders seeking input in an effort to reach consensus on the plan. They then created conceptual plan and profile views of the park, brought it before the Harbor CRA Advisory Committee, who then voted unanimously to recommend approval of the plan at their September 11, 2013 meeting. She also stated that the conceptual design reflects a significant cost reduction compared to the previous conceptual design that was approved by the CRA Board; estimated to range from approximately \$1 million to \$1.3 million. She added that the remaining scope of work to provide a complete design plans for the scaled-down project would cost approximately \$123,900.

Next, Michael Bomar of Tetra Tech Inc. provided the following Power Point presentation:





- An overall master plan program for the park was created in 2009
- Current task is to revisit the 2009 plan and come back with a more affordable approach; with less features within the park, for less implementation and construction costs
- A scale back version has been created and presented to the Harbor CRA Advisory Committee
- Original cost approximately \$3 million. Scale back version is 1/3 of the original cost
- One of the goals is enhanced image for the park; to clean up the park and give it a better image than what it has
- Another goal is to create a window to the harbor; to create a connection from Harbor Blvd down to the harbor itself
- There is a grant associated with the park, with a series of guidelines and checklists that have to be met as part of that grant. They have to make sure the design will achieve all these requirements
- They will consider a lot of the history in Destin, as well as history tied specifically to this parcel
- They will make sure what they are doing today will also provide the opportunity to be expanded in the future if the City so desires
- In the 2009 plan, they created the long sweeping walkway that allows them to change the grade of access to the park making it much easier to connect down to the water

- The design incorporates signage, an element required as part of the grant. It creates an opportunity for some kind of icons or boundary markers to the site.
- The walkway would be designed in a way that would allow emergency access vehicle to be able to come down when necessary
- The center point of the park is where the walkway begins to transition into two different directions
 - ❖ There would be an opportunity for a stage that would serve to conceal the restroom facilities down below; which is another component of the grant
 - ❖ There would be interactive water feature that is a future component of this park; but not part of this first phase. They would make sure the plan would accommodate it
- Future plans
 - ❖ There would be continued stakeholder review and public review
 - ❖ There would be a detailed design with all the important elements
 - ❖ Execution and implementation

Boardmember Williges moved for approval of the schematic concept plan as submitted, and authorize the CRA Executive Director to execute Work Order #29 in the amount of \$123,900 for the final design of Captain Royal Melvin Heritage Park and Plaza CRH63. Boardmember Foreman provided a second to the motion.

Boardmember Dixon expressed that \$1 million to \$1.3 million cost to construct the park is still a lot of money to put into a small park.

Having no further comments from the Board members, the Board Chair called for a vote on the motion, which passes 6-1 (Board members Trammell, Wood, Marler, Bagby, Foreman, and Williges voted “yes”; Boardmember Dixon voted “no”).

3. Town Center Betterment Alliance Main Street Median Landscaping Plan

The CRA Executive Director explained that the Main Street Betterment Alliance is comprised of Main Street business owners and stakeholders that are committed to help stimulate the Main Street portion of the Town Center CRA. They have solicited volunteers, donations and funding for some projects, including a community garden currently being installed behind the American Legion building. The Alliance is in the process of collecting donations for a tree planting project in the medians of Main Street from the north side of 98 Palms Boulevard to the last median just north of Airport Road. She also stated the Town Center CRA Advisory Committee has reviewed the plan and unanimously voted to recommend it to this Board. Staff also presented the plan to the Environmental/Tree Committee and they voted 5-2 to recommend approval of the plan and authorize placement of the Medjul Palms and Crepe Myrtles. The landscape plan and the

project costs are to be funded by volunteer contributions and administered by the Alliance. The City would be responsible for maintenance, either in continuing services contract or staff time.

Mr. Tom Rooney with Coastline Tree Service came forward and informed the Board they are assisting with the median landscaping project in an effort to improve the aesthetics and attract more people to Main Street.

Boardmember Dixon moved for approval of the landscape plan for the Main Street medians as submitted; seconded by Boardmember Williges.

Boardmember Williges stated that while the median landscaping project would help improve the appearance of Main Street, the biggest improvements that need to be made are to the appearance of some of the businesses along the roadway between Airport Road and US 98. He added that the Gulf Power Electric substation certainly detracts from the appearance of that road.

Boardmember Bagby asked if the Medjul Palms are included in the list of the approved trees in the City's tree ordinance.

According to the CRA/Development Director, both the Medjul Palms and Crepe Myrtles are not in the list of approved street trees; however, the Environmental/Tree committee had provided written authorization for the placement of the trees.

Boardmember Bagby stated he would not support the motion since their approved Tree Ordinance is not being followed.

The CRA/Development Director explains that the ordinance basically provides that the Environmental/Tree Committee can make modifications to the Land Development Code in this regard; and that their written authorization amounts to revising the code, at least in this case, to allow placement of these trees.

Boardmember Bagby asked to be given a copy of this particular portion of the code.

Boardmember Trammell expressed concern the trees would block the signs of some of the businesses along Main Street.

Mr. Rooney stated the Palms are 18 feet tall and so they would not block the motorists' view of the signs; and that the Crepe Myrtles would be positioned in such a way that they would not be blocking any signs along Main Street.

Having no further comments from the Board members, the Board Chair called for a vote on the motion, which passes 6-1 (Board members Trammell, Wood, Marler, Dixon, Foreman, and Williges voted "yes"; Boardmember Bagby voted "no").

The Board Chair asked if this matter has to come before the City Council for their approval.

According to the CRA Executive Director, they are not planning to bring this particular case to the City Council.

The Land Use Attorney stated this matter has been properly approved by the CRA Board and would not have to be brought before the City Council.

Boardmember Bagby argues that no one should be able to place permanent fixtures in the rights of way that the City is going to maintain without prior approval from the City Council; adding that the CRA Board should not have the sole responsibility to enter into this agreement.

The CRA Executive Director stated that they would discuss and reconfirm this matter.

4. Tolling Agreement for Harbor Boardwalk Contract Provisions

The CRA Executive Director explained that a diesel fuel spill occurred on the Destin Fishing Fleet property during construction of the Destin Harbor Boardwalk Improvements. A dispute exists between Speegle Construction, Inc. and the City of Destin related to the costs of remediating the spill, and the contract between the parties contains resolution provisions with specific deadlines for instituting formal proceedings. Since the specific deadlines and time constraints in the contract may actually be an impediment to a mutually agreeable resolution of the dispute, it has been determined that it would be in the interest of both parties to toll the contract's dispute resolution terms in order to give the parties time and opportunity to reach a mutually acceptable resolution.

According to the Land Use Attorney, the contract contained some types of dispute resolution mechanisms requiring the parties to actually go to court and file a court action against the other side if they fail to resolve the issue under the terms of the contract within 30 days of the dispute; and that it would be something both parties would not want to happen before everybody had a chance to sit down and have a thorough discussion of the issue and without the pressure of meeting contractual deadlines for action. He added this is a routine step that is taken to put everything on hold until they have time to review and consider options for resolution.

Boardmember Williges noted that the Tolling Agreement stops the clock on the contract's dispute resolution deadlines and time frames until September 9, 2015. He asked why it would take two years to resolve this issue.

The Land Use Attorney explained that the deadline is terminable at will by either party during the entire period; adding that the September 9, 2015 is the outside date when the agreement terminates on its own.

Boardmember Bagby inquired as to the contractor's main challenge.

According to the Land Use Attorney, they are disagreeing with who is responsible for the actual costs of the damage itself.

Boardmember Bagby noted there should be mediation requirements for disputes in the contract.

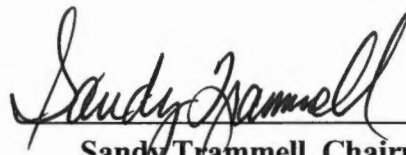
The Land Use Attorney stated these remedies were actually taken out of the contract and replaced with required court remedies. He added there were general conditions on the contract, but then the City approved specific conditions that changed the general conditions.

Boardmember Dixon moved for approval of the Tolling Agreement as submitted, and authorize the CRA Executive Director to execute the Agreement on behalf of the City; seconded by Boardmember Wood. Motion passed 7-0 (Board members Trammell, Wood, Marler, Bagby, Dixon, Foreman, and Williges voted "yes").

ADJOURNMENT

Having no further business at this time, the meeting was adjourned at 5:40 PM.

ADOPTED THIS 3RD DAY OF FEBRUARY 2014
By:

A handwritten signature in cursive script, appearing to read "Sandy Trammell", written over a horizontal line.

Sandy Trammell, Chairperson

ATTEST:

A handwritten signature in cursive script, appearing to read "Rey Bailey", written over a horizontal line.

Rey Bailey, City Clerk

CAPTAIN ROYAL MELVIN - HERITAGE PARK

PROPOSED IMPROVEMENTS

12815 EMERALD COAST PARKWAY, SUITE 110
DESTIN, FLORIDA 32550
PHONE: 850.837.9278 FAX: 850.837.7269
FLORIDA ENGINEERING BUSINESS NO. 2429
www.tetrattech.com



- CITY COUNCIL AND STAFF**
- MEL PONDER... MAYOR
- PREBBLE RAMSWELL..... COUNCIL MEMBER
JIM WOOD COUNCIL MEMBER
SANDY TRAMMELL COUNCIL MEMBER
JIM FOREMAN COUNCIL MEMBER
RODNEY BRADEN..... COUNCIL MEMBER
TUFFY DIXON COUNCIL MEMBER
CYRON MARLER COUNCIL MEMBER
- MARYANN USTICK CITY MANAGER
DAVID CAMPBELL, PE..... CITY ENGINEER

SHEET No.	DESCRIPTION
G001	COVER SHEET
G002	GENERAL NOTES
G003	LEGEND & ABBREVIATIONS
G004	CONTROL POINTS
G005	MAINTENANCE OF TRAFFIC - INDEX 612
V100	MAINTENANCE OF TRAFFIC - INDEX 660
C101	EXISTING CONDITIONS
C102	DEMO AND EROSION PROTECTION & SEDIMENTATION CONTROL PLAN
C200	UTILITY ADJUSTMENT PLAN AND PROFILE
A100	GRADING AND DRAINAGE PLAN
A101	GENERAL ARCHITECTURAL INFORMATION
S100	FLOOR PLAN
S101	STRUCTURAL NOTES
S102	FOUNDATION PLAN
S103	WALL SECTIONS
S104	REFLECTIVE CEILING PLAN
E100	STRUCTURAL DETAILS
E101	ELECTRICAL LEGEND AND NOTES
E104	ELECTRICAL PLAN - BUILDING
E105	ELECTRICAL DETAILS
P100	FIRE ALARM SYSTEM
P101	PLUMBING PLAN, SYMBOLS, AND SCHEDULE
M101	PLUMBING DETAILS
M102	HVAC PLAN
LC1.00	MECHANICAL DETAILS
LC2.01	OVERALL SITE PLAN
LS1.00	MATERIALS AND GENERAL NOTES
LS2.00	HARDSCAPE PLAN
LS4.01	LAYOUT PLAN
LS5.01	SITE SECTIONS
LS5.02	SITE DETAILS
LP1.00	SITE DETAILS
LP2.01	PLANTING PLAN
LL1.00	PLANTING DETAILS
LL2.01	LIGHTING PLAN
LL1.00	LIGHTING DETAILS
LI1.00	IRRIGATION PLAN

PROJECT LOCATION:
PARCEL ID: 00-2S-22-0630-0000-07G1
206 HARBOR BLVD, DESTIN, FLORIDA

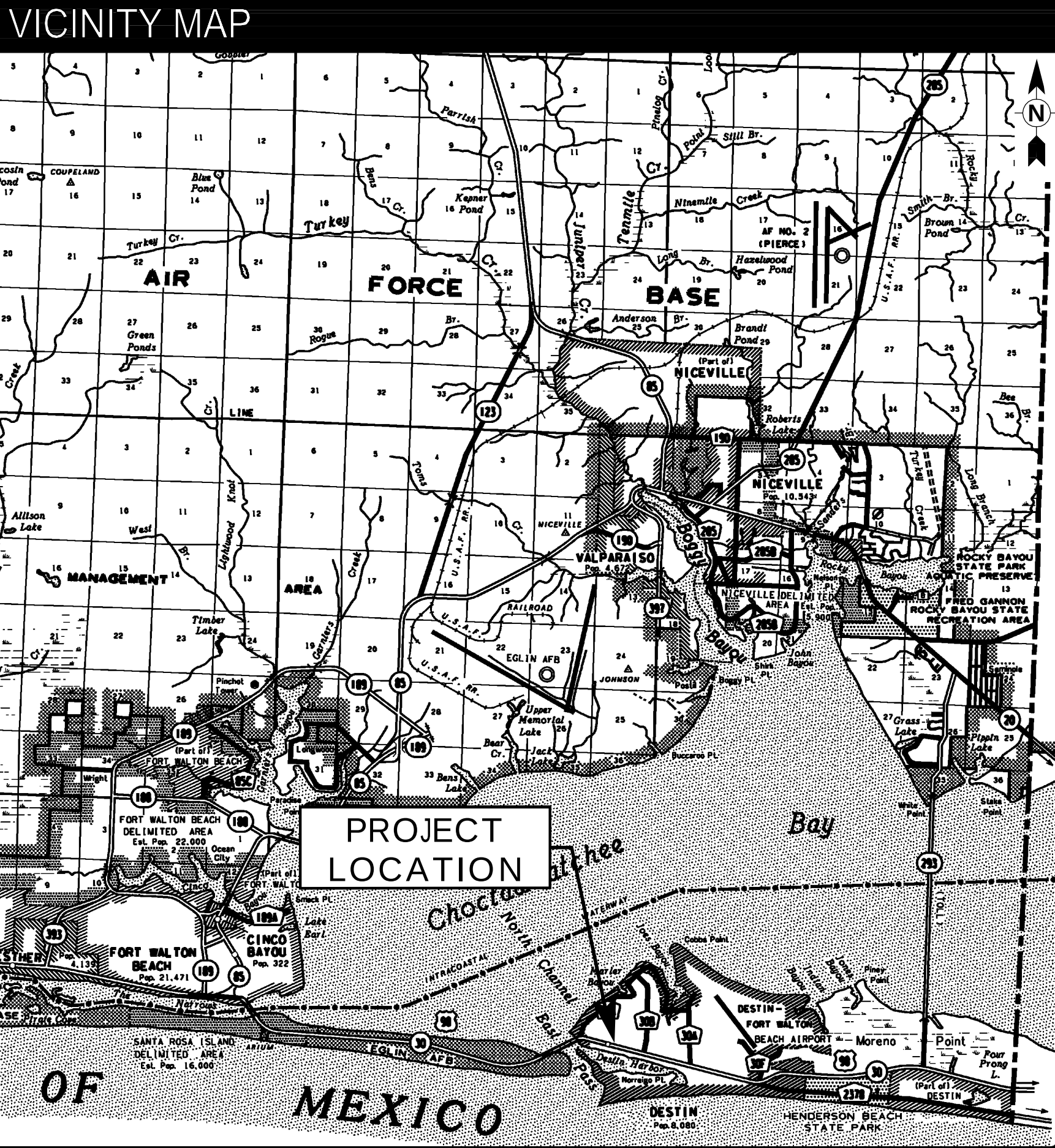
CLIENT INFORMATION:
DAVID CAMPBELL, PE
CITY OF DESTIN, FL
4200 INDIAN BAYOU TRAIL
DESTIN, FL 32541
PHONE: 850.837.4242

Tt PROJECT No.:
200-08535-14002

CITY PROJECT No.:

PROJECT DESCRIPTION / NOTES:
THE PROPOSED IMPROVEMENTS INCLUDE THE CONSTRUCTION OF A MULTI-PURPOSE BUILDINGS (RESTROOMS / MECHANICAL / STORAGE). A GATHERING PLAZA, PEDESTRIAN WAY AND PARK ENTRANCE GATEWAY. ADDITIONAL PARK RELATED IMPROVEMENTS WILL INCLUDE SEATING AREAS, LANDSCAPED AREAS, LIGHTING AND PLAY AREAS.

ISSUED:
1) 60% DRAFT SET - JULY 2014



Thursday, July 24, 2014 4:00:18 PM DRAWING: \\ERS181FS1\Projects\Desin\2014\200-08535-14002 Heritage Park & Plaza Design\CAD\SheetFiles\G-002 Legend DWG LAYOUT: G002 USER NAME: VANDERWALKER, TIMOTHY

CONTROL POINTS

- BM-1 BENCHMARK
- ND NAIL & DISK
- TP TRAVERSE POINT

PROPERTY BOUNDARY

- SC SECTION CORNER
- FM MONUMENT (FOUND)
- SM MONUMENT (SET)
- FI IRON (FOUND)
- SI IRON (SET)
- SECTION LINE
- PROPERTY BOUNDARY
- SETBACK
- 10-FT SETBACK (WITH DISTANCE)

EASEMENTS

- CONSTRUCTION/ DRAINAGE EASEMENT
- UTILITY EASEMENT

GEOTECHNICAL

- B-1 SOIL BORING
- DRI-1 DOUBLE RING INFILTRMETER
- AC-1 ASPHALT CORE
- MW-1 MONITORING WELL
- TH-01 TEST HOLE

EROSION CONTROL

- HAY BALE
- INLET PROTECTION (TYP)
- SF SILT FENCE
- SSF SUPER SILT FENCE

DEMOLITION

- TREE REMOVAL
- TREE PROTECTION

SITE FEATURES

- INFORMATIONAL/ WAYFINDING SIGN
- FLAG
- MAILBOX
- COMMUNITY/CLUSTER MAILBOX
- PARKING METER
- POST
- TRAFFIC BOLLARD
- BENCH
- PICNIC TABLE
- ROCK
- TRASH RECEPTACLE
- BUSH
- STUMP
- STONE WALL
- WOOD FENCE
- STEEL FENCE
- TREE LINE
- BIKE RACK
- BUS STOP SHELTER

ROADWAY

- STREET SIGN
- TRAFFIC SIGNAL MAST ARM (E/N)
- PEDESTRIAN SIGNAL POLE
- PAVEMENT MARKING
- HANDICAP SPACE MARKING
- RW RIGHT-OF-WAY
- CENTERLINE
- GRAVEL/UNPAVED ROAD
- SIGHT LINE
- GUARDRAIL

DRAINAGE

- ST CATCH BASIN (TYP)
- ST STORM MANHOLE
- CURB INLET (FDOT)
- DITCH BOTTOM INLET (FDOT)
- MITERED END SECTION (N)
- MITERED END SECTION (E)
- HEADWALL
- OVERLAND FLOW ARROW (N)
- OVERLAND FLOW ARROW (E)
- SLOPE ARROW (N)
- SLOPE ARROW (E)
- EMBANKMENT ARROW
- SPOT ELEVATION (N)
- SPOT ELEVATION (E)
- GRADING CONTOUR (E)
- GRADING CONTOUR (N)
- BASIN ID MARKER
- STRUCTURE ID MARKER
- WATER MARK
- STORM PIPE - SINGLE LINE W/ ANNOTATION
- STORM PIPE (N)
- STORM PIPE (E)
- DRIVEWAY TURNOUT LABEL (REFER TO DETAILS)

UTILITY - GENERAL

- LINE BREAK
- CAP
- REDUCER
- 11.5° BEND
- 22° BEND
- 45° BEND
- 60° BEND
- 90° BEND
- CROSS
- TEE
- GATE VALVE
- CHECK VALVE
- BACKFLOW PREVENTER
- REDUCED PRESSURE ZONE BFP

UTILITY

- CABLE TV
- BURIED CABLE TV LINE MARKER
- TV CABLE TV RISER
- TV CABLE TV MANHOLE
- OTV OVERHEAD CABLE TV LINE
- UTV BURIED CABLE TV LINE

UTILITY (CONTINUED)

COMMUNICATIONS

- BURIED FIBER OPTIC MARKER
- FIBER OPTIC RISER
- BURIED FIBER OPTIC CABLE
- BURIED TELEPHONE MARKER
- TELEPHONE RISER
- TELEPHONE MANHOLE
- OVERHEAD TELEPHONE CABLE
- BURIED TELEPHONE CABLE

NATURAL GAS

- BURIED GAS PIPE MARKER
- GAS BOX/ RISER
- GAS VALVE
- BURIED GAS PIPE

ELECTRICAL

- BURIED ELECTRICAL LINE MARKER
- POWER POLE
- GUY WIRE
- ELECTRICAL BOX/ RISER
- ELECTRICAL METER
- TRANSFORMER
- MANHOLE
- PULL BOX
- PANEL BOARD
- IRRIGATION PUMP
- PEDESTRIAN LIGHT POLE
- ROADWAY LIGHT POLE
- LANDSCAPE LIGHTING
- OVERHEAD ELECTRICAL LINE
- BURIED ELECTRICAL LINE

SANITARY SEWER

- SEWER MANHOLE
- SEWER VALVE
- CLEANOUT
- AIR RELEASE STRUCTURE
- IN-LINE FLUSHING CONNECTION
- FLUSHING CONNECTION
- FORCEMAIN CURB STOP
- DUPLEX PUMP STATION
- SIMPLEX PUMP STATION
- LIFT STATION (TYP)
- GRAVITY SEWER PIPE (W/ DIMENSION)
- FORCE MAIN
- FORCE MAIN (W/ DIMENSION)

WATER

- WATER MANHOLE
- WATER VALVE
- WATER METER
- WATER CURB STOP
- WATER WELL
- DRINKING FOUNTAIN
- SPIGOT
- SPRINKLER HEAD
- FIRE HYDRANT
- WATERMAIN
- WATERMAIN (W/ DIMENSION)
- FIRE LINE

NOTE: UNLESS OTHERWISE NOTED, PROPOSED BLOCKS ARE SHOWN AS FILLED WHILE EXISTING BLOCKS ARE NOT FILLED, AS DEPICTED BELOW.

- S = SEWER MANHOLE (E)
- S = SEWER MANHOLE (N)

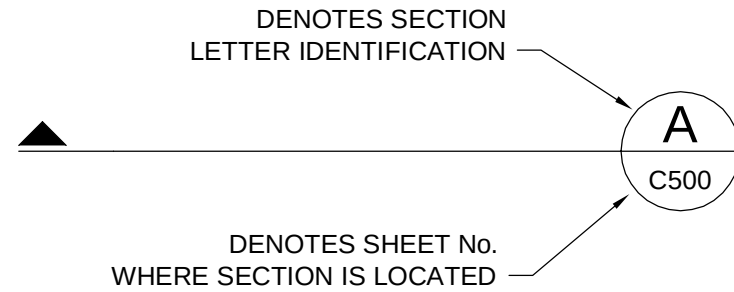
NOTE:

PLEASE SEE THE LIGHTING AND LANDSCAPE PLANS FOR SPECIFIC DESIGN LEGEND AND ABBREVIATIONS PERTAINING TO EACH RESPECTIVE PLAN.

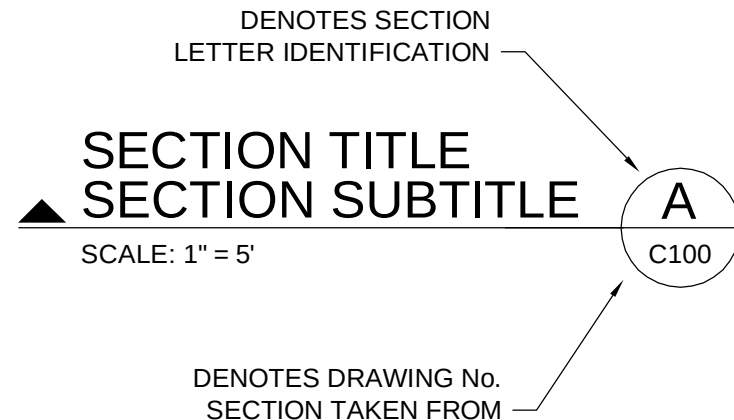
ABBREVIATIONS

(C)	CALCULATED VALUE
(D)	DEED
(E)	EXISTING
(F)	FIELD DATA
(M)	MEASURED
(N)	NEW/ PROPOSED
*	UNKNOWN TREE
±	MORE OR LESS
AC	ACRE
BSL	BUILDING SETBACK LINE
BW	BOTTOM OF WALL
CE	CEDAR TREE
CnG	CURB AND GUTTER
CONC	CONCRETE
CR	SIDEWALK CURB RAMP
EL	ELEVATION
EOP	EDGE OF PAVEMENT
FDEP	FLA. DEPT. OF ENVIRO. PROTECTION
FDOT	FLA. DEPT. OF TRANSPORTATION
FEMA	FEDERAL EMERGENCY MGNT. AGENCY
FFE	FINISHED FLOOR ELEVATION
FM	FORCE MAIN
FND	FOUND
FO	FIBER OPTIC
FPSC	FIRE SERVICE CONNECTION
GV	GAS VALVE
HDPE	HIGH DENSITY POLYETHYLENE
INV	INVERT
JBL	JURISDICTIONAL BOUNDARY LINE
L.B.	LICENSED BUSINESS
LF	LINEAR FOOT
LT	LEFT OF CENTERLINE
MES	MITERED END SECTION
No.	NUMBER
NWFWM	NW FLA. WATER MGNT. DISTRICT
BOC	BACK OF CURB
MEG	MATCH EXISTING GRADE
O	OAK TREE
O.C.	ON CENTER
O.R.	OFFICIAL RECORDS
OE	OVERHEAD ELECTRICAL CABLE
OHU	OVERHEAD UTILITIES
ORB	OFFICIAL RECORDS BOOK
OT	OVERHEAD TELEPHONE CABLE
OTV	OVERHEAD CABLE TV LINE
P.O.B	POINT OF BEGINNING
PG.	PAGE
PI	PINE TREE
PROP	PROPOSED IMPROVEMENTS
PVC	POLYVINYL CHLORIDE
R/W	RIGHT-OF-WAY
RCP	REINFORCED CONCRETE PIPE
RIM	RIM ELEVATION
RT	RIGHT OF CENTERLINE
SF	SQUARE FOOT
SG	SWEETGUM TREE
SS	SANITARY SEWER
SSC	SANITARY SEWER CONNECTION
SSMH	SANITARY SEWER MANHOLE
STMH	STORM MANHOLE
SV	SEWER VALVE
T.B.M.	TEMPORARY BENCHMARK
TCE	EASEMENT
TOB	TOP OF BANK
TOP	TOP OF STRUCTURE ELEVATION
TOS	TOE OF SLOPE
TW	TOP OF WALL
UE	BURIED ELECTRICAL CABLE
UT	BURIED TELEPHONE CABLE
UTV	BURIED CABLE TV LINE
WM	WATER MAIN
WSC	WATER SERVICE CONNECTION
WV	WATER VALVE

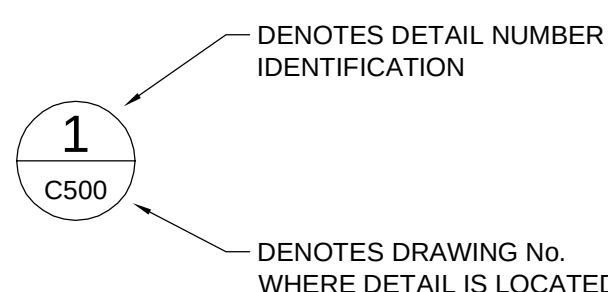
REFERENCE SYMBOLS



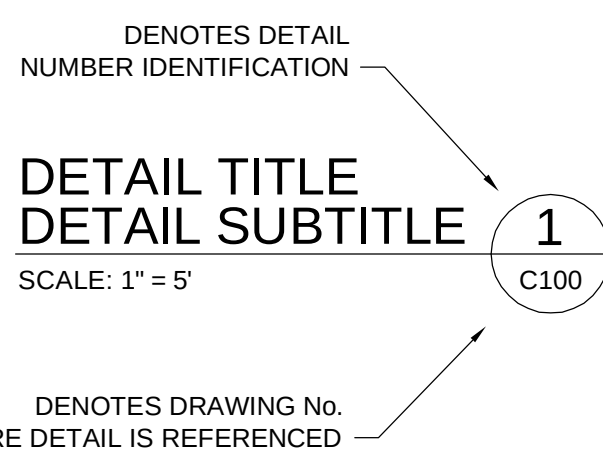
SECTION REFERENCE



SECTION TITLE



DETAIL REFERENCE



DETAIL TITLE

HATCHING

DEMOLITION

- DEMO ASPHALT TO NATURAL GROUND
- DEMO CONCRETE TO NATURAL GROUND
- DEMO STRUCTURES / WALLS
- DEMO EXISTING TREE

EXISTING

- ASPHALT
- CONCRETE
- GRAVEL ROAD
- EARTH (SECTION)

PROPOSED

- ASPHALT
- CONCRETE
- 4x8 BRICKPAVER HERRINGBONE
- DECOLOC II BRICKPAVER
- SOD

DRAFT 60% DESIGN DRAWINGS - NOT FOR CONSTRUCTION

TETRA TECH

www.tetrattech.com

12825 Emerald Coast Pkwy., Suite 110
Destin, FL 32550
Phone: 850.837.9278 Fax: 850.837.7269

CITY OF DESTIN
FLORIDA

www.cityofdestin.com

4200 Indian Bayou Tr.
Destin, FL 32541
Phone: 850.837.4242

TETRA TECH
201 E. Pine St #1000
Orlando, Florida 32801
Engineering Business No. 2429

DATE Jul 24, 2014

BY

DESCRIPTION

DATE

MARK

Client: City of Destin, FL
Proj. Loc.: Destin, FL

CAPTAIN ROYAL MELVIN - HERITAGE PARK

LEGEND AND ABBREVIATIONS

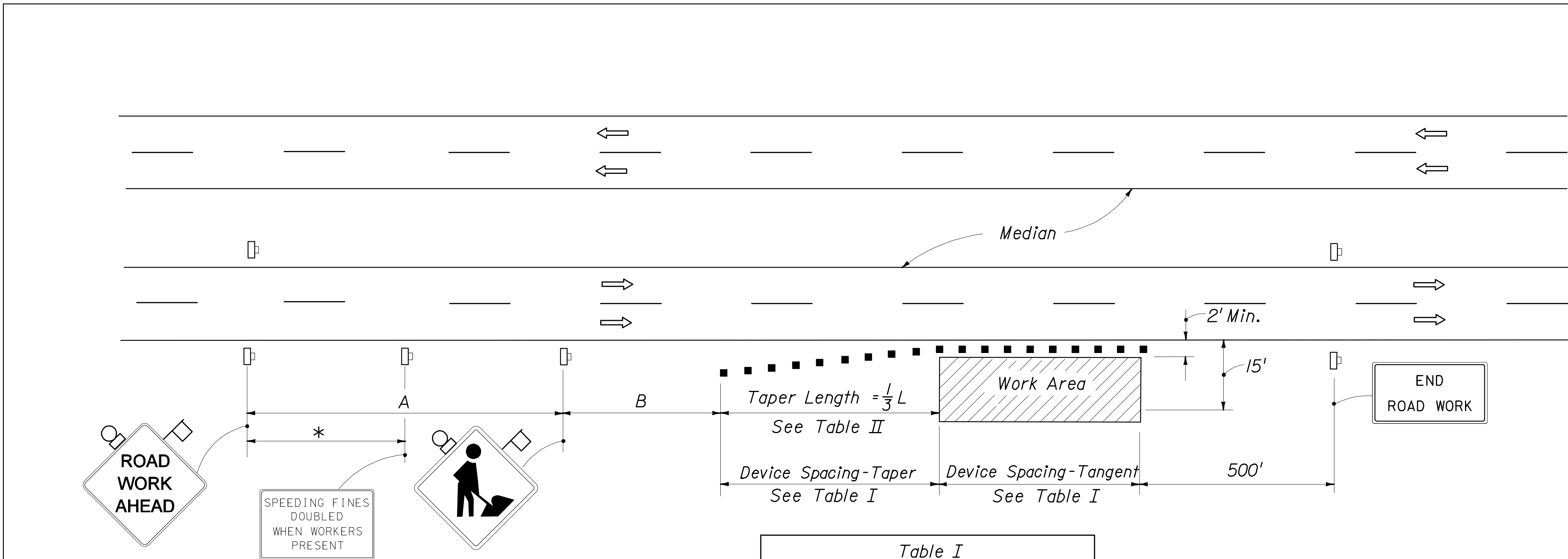
Project No.: 200-08535-14002

Designed By: TV

Drawn By: JW

Checked By: MB

G002



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

* 500' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.

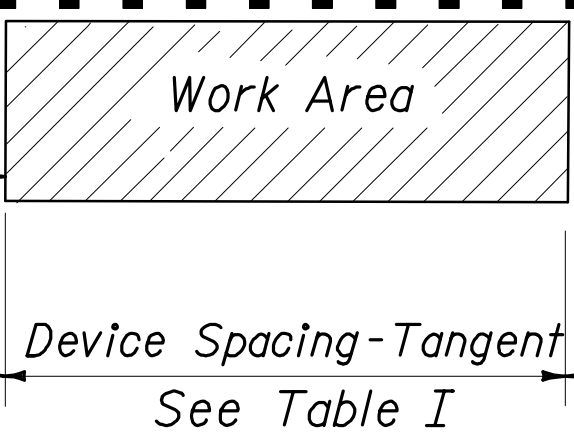
SYMBOLS

- Work Area
- Sign With 18" x 18" (Min.) Orange Flag And Type B Light
- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Lane Identification + Direction of Traffic

Table I Device Spacing				
Speed (mph)	Max. Distance Between Devices (ft)			
	Cones or Tubular Markers		Type I 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

GENERAL NOTES

- All vehicles, equipment, workers, and their activities are restricted to one side of the roadway.
- If the work operation encroaches on the through traffic lanes or when four or more work vehicles enter the through traffic lanes in a one hour period (excluding establishing and terminating the work area) a flagger shall be provided and a FLAGGER sign shall be substituted for the WORKERS sign. The flagger shall be positioned at the point of vehicle entry or departure from the work area.
- This TCZ plan also applies to work performed in the median more than 2' but less than 15' from the edge of travelway.
- When work is being performed on a multilane undivided roadway the signs normally mounted in the median (as shown) shall be omitted.
- WORKERS signs to be removed or fully covered when no work is being performed.
- SHOULDER WORK sign may be used as an alternate to the WORKER symbol sign.
- When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.
- For general TCZ requirements and additional information refer to Index No. 600.



DURATION NOTES

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

Table II Taper Length - Shoulder				
Speed (mph)	1/3 L (ft)			Notes
	8' Shldr.	10' Shldr.	12' Shldr.	
25	28	35	42	$L = \frac{WS^2}{60}$
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	

8' minimum shoulder width.
 $\frac{1}{3}L$ = Length of shoulder taper in feet
W = Width of total shoulder in feet (combined paved and unpaved width)
S = Posted speed limit (mph)

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.

MULTILANE, WORK ON SHOULDER

Index No.
612

Client: City of Destin, FL
Proj. Loc.: Destin, FL

Project No.: 200-08535-14002
Designed By: TV
Drawn By: JW
Checked By: MB

CITY OF DESTIN
FLORIDA

THE HARBOR CRA DISTRICT
4200 Indian Bayou Tr.
Destin, FL 32541
Phone: 850.837.9278 Fax: 850.837.7269

TETRA TECH
201 E. Pine St #1000
Orlando, Florida 32801
Engineering Business No. 2429

DATE Jun 12, 2014

Client: City of Destin, FL
Proj. Loc.: Destin, FL

Project No.: 200-08535-14002
Designed By: TV
Drawn By: JW
Checked By: MB

CITY OF DESTIN
FLORIDA

THE HARBOR CRA DISTRICT
4200 Indian Bayou Tr.
Destin, FL 32541
Phone: 850.837.9278 Fax: 850.837.7269

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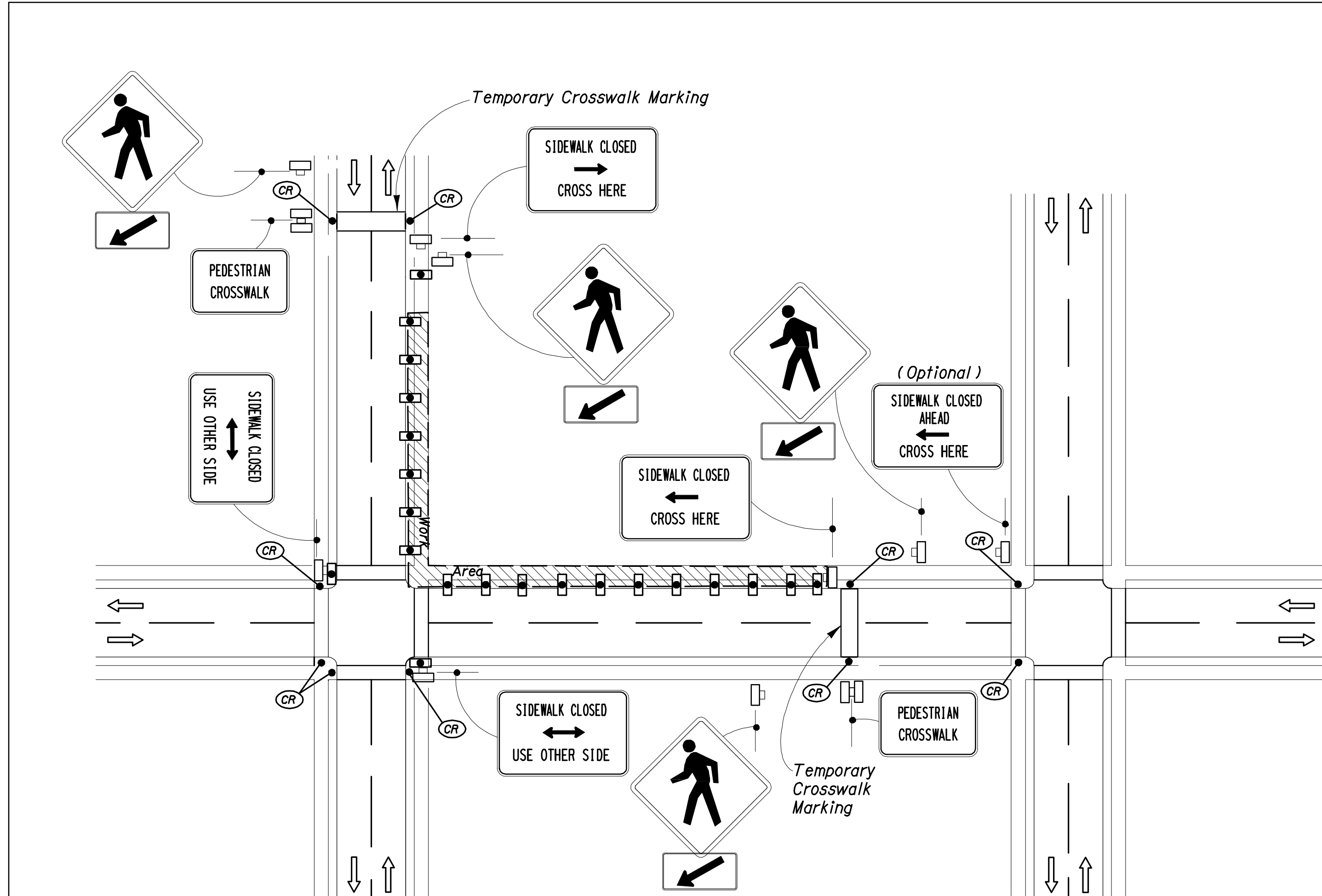
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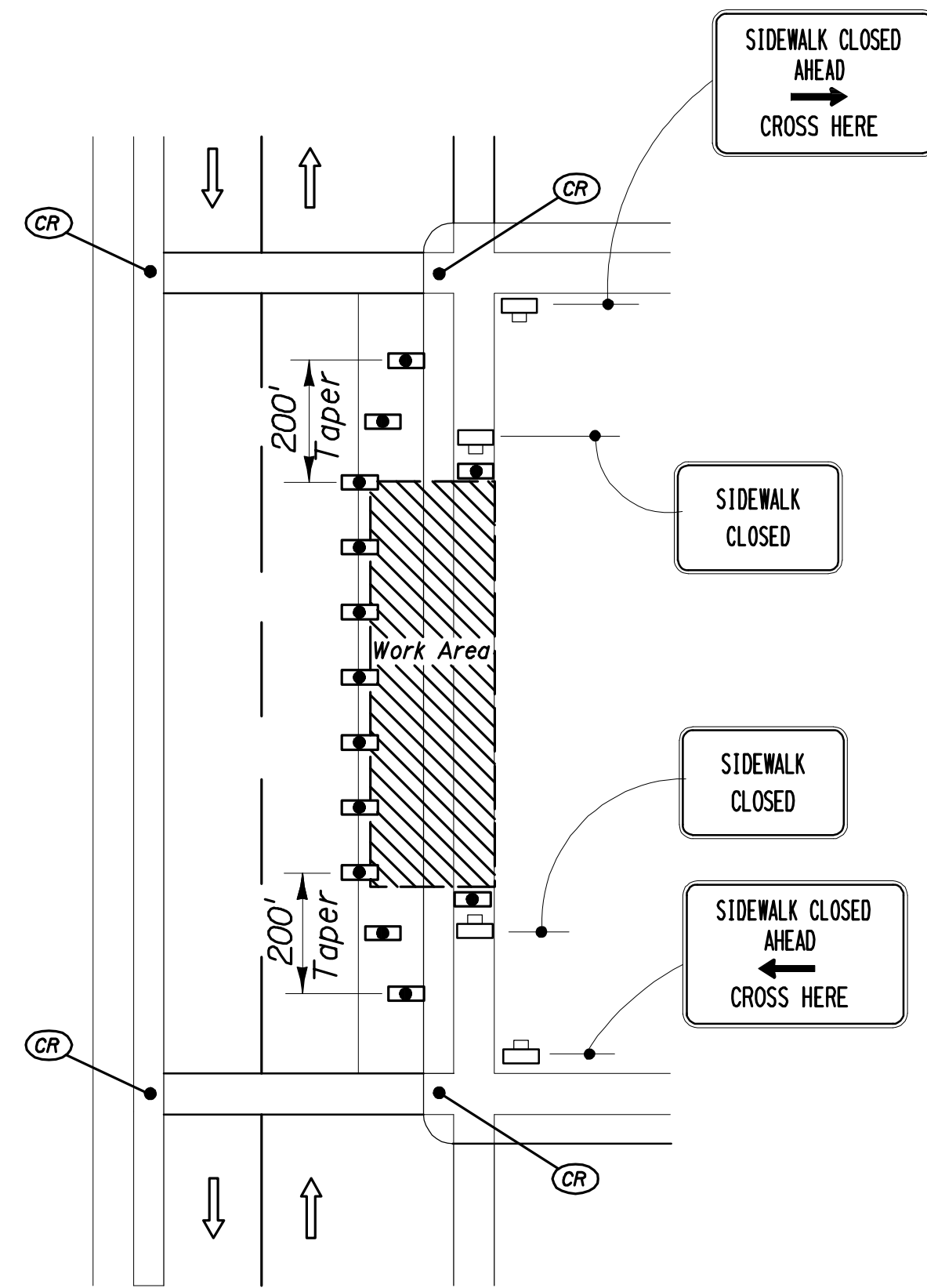
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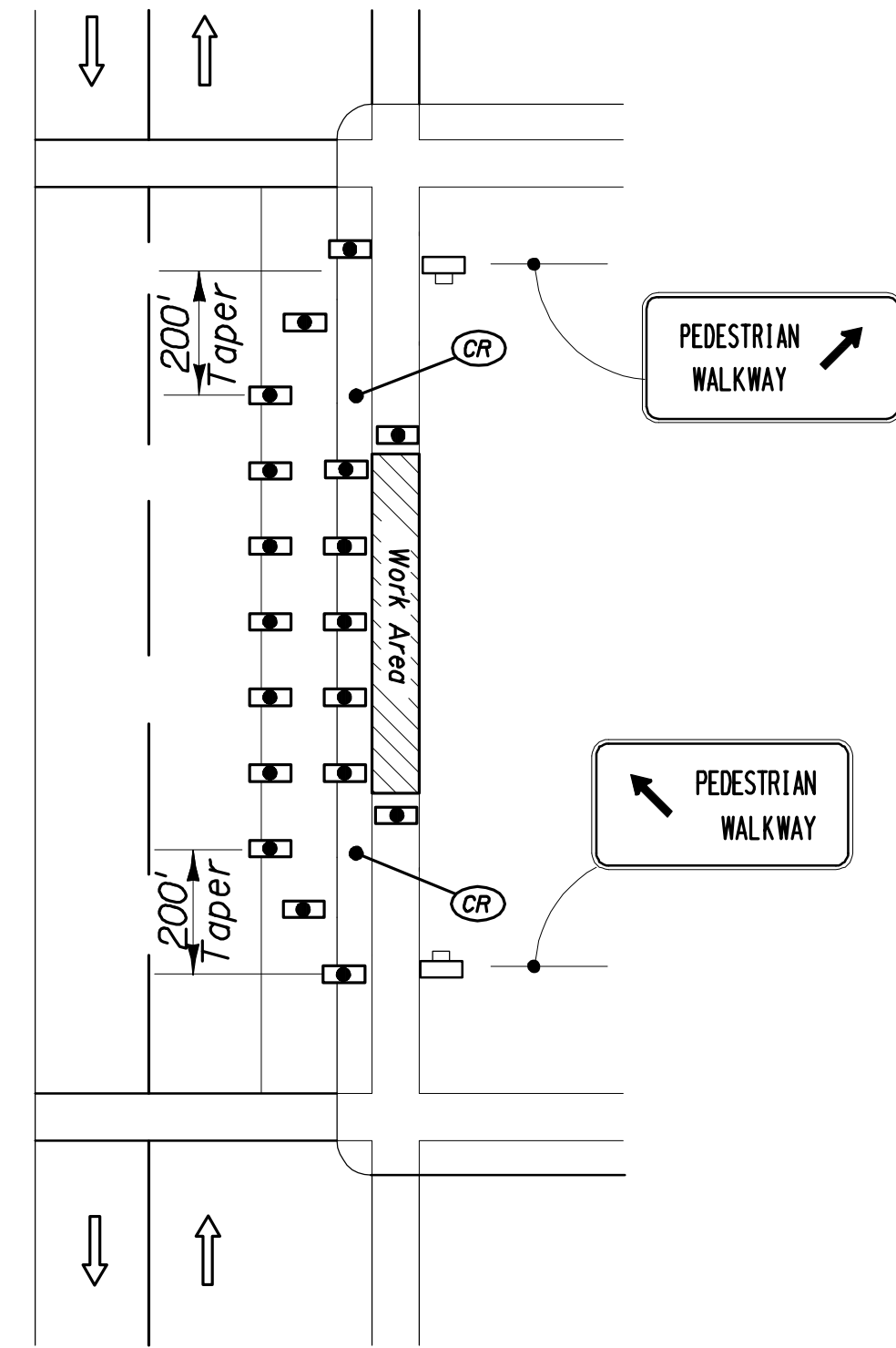
Thursday, June 12, 2014 9:03:19 AM DRAWING: C:\Users\timothy.vanderwalker\Desktop\Offline\200-08535-14002 Heritage Park & Plaza Design\CAD\SheetFiles\G004 MOT DWG LAYOUT: G005 USER NAME: VANDERWALKER, TIMOTHY



CORNER SIDEWALK CLOSURE
WITH TEMPORARY CROSSWALKS



MID-BLOCK SIDEWALK
CLOSURE



MID-BLOCK SIDEWALK CLOSURE
WITH TEMPORARY WALKWAY

GENERAL NOTES

1. Only the signs controlling pedestrian flows are shown. Other work zone signs will be needed to control traffic on the streets.
2. For spacing of traffic control devices and general TCZ requirements refer to Index No. 600. Maximum spacing between barricades, vertical panels, drums or tubular markers shall not be greater than 25'.
3. Street lighting should be considered.
4. For nighttime closures use Type A flashing warning lights on barricades supporting signs and closing sidewalks. Use Type C steady-burn lights on channelizing devices separating the work area from vehicular traffic.
5. Pedestrian traffic signal display controlling closed crosswalks shall be covered or deactivated.
6. Post Mounted Signs located near or adjacent to a sidewalk shall have a 7' minimum clearance from the bottom of sign to the sidewalk.
7. When construction activities involve sidewalks on both sides of the street, efforts should be made to stage the construction so that both sidewalks are not out of service at the same time.
8. In the event that sidewalks on both sides of the street are closed, pedestrians shall be guided around the construction zone.
9. Temporary walkways shall be a minimum of 4' wide with a maximum 0.02 cross slope and a maximum 0.05 running slope between ramps. Temporary walkways less than 5' in width shall provide for a 5' x 5' passing space at intervals not to exceed 200'. Temporary ramps shall meet the requirements for curb ramps specified in Index No. 304, General Notes I through 7. Temporary walkway surfaces and ramps shall be stable, firm, slip resistant, and kept free of any obstructions and hazards such as holes, debris, mud, construction equipment, stored materials, etc.
10. Temporary ramps and temporary crosswalk markings shall be removed with reopening of the sidewalk, unless otherwise noted in the plans. All work and materials associated with constructing temporary curb ramps and temporary crosswalk markings, removal and disposal of temporary curb ramps and temporary crosswalk markings, and restoration to original condition shall be paid for as Maintenance of Traffic, Lump Sum.

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT
WORKERS OR THEIR ACTIVITIES
ENCROACH ON THE SIDEWALK FOR
A PERIOD OF MORE THAN 60 MINUTES.

SYMBOLS

- Work Area
- Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only). (Tubular Markers May Be Used During Daylight Only. Cones May Be Used - See Index No. 600.)
- Work Zone Sign
- Required Locations For Either Temporary Or Permanent Curb Ramps.
- Lane Identification + Direction of Traffic

PEDESTRIAN CONTROL FOR
CLOSURE OF SIDEWALKS

Index No.
660

DRAFT 60% DESIGN DRAWINGS - NOT FOR CONSTRUCTION

Client: City of Destin, FL Capt. Roy Melvin Project Loc.: Destin, FL	CITY OF DESTIN FLORIDA	TETRA TECH 201 E. Pine St #1000 Orlando, Florida 32801 Engineering Business No. 2429	www.tetratech.com 12825 Emerald Coast Pkwy., Suite 110 Destin, FL 32550 Phone: 850.837.9278 Fax: 850.837.7269
		THE HARBOR C&A DISTRICT 4200 Indian Bayou Tr. Destin, FL 32541 Phone: 850.837.4242	www.cityofdestin.com
Project No.: 200-08535-14002		Designed By: TV	Drawn By: JW
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CAPTAIN ROYAL MELVIN - HERITAGE PARK MAINTENANCE OF TRAFFIC INDEX 660		G005	



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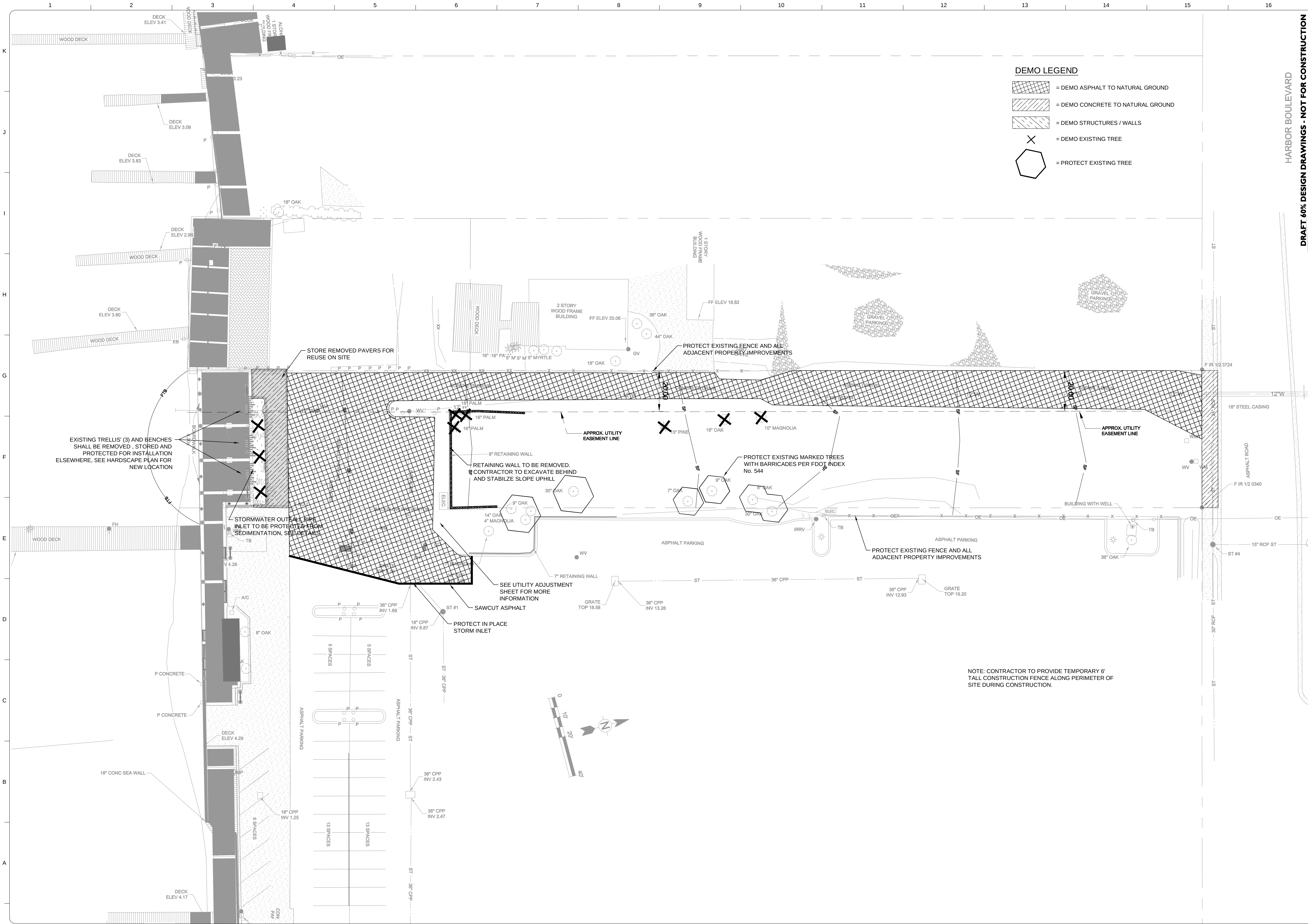
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HARBOR BOULEVARD

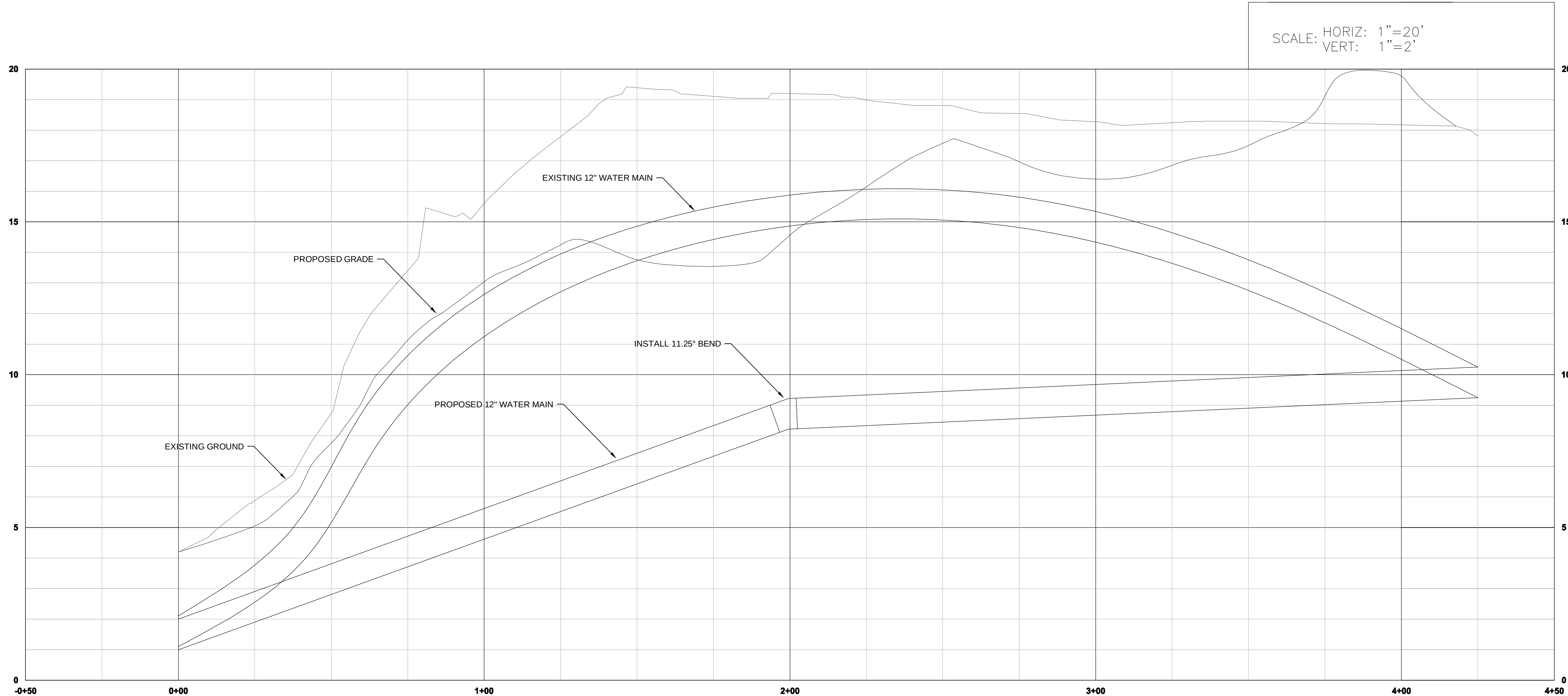
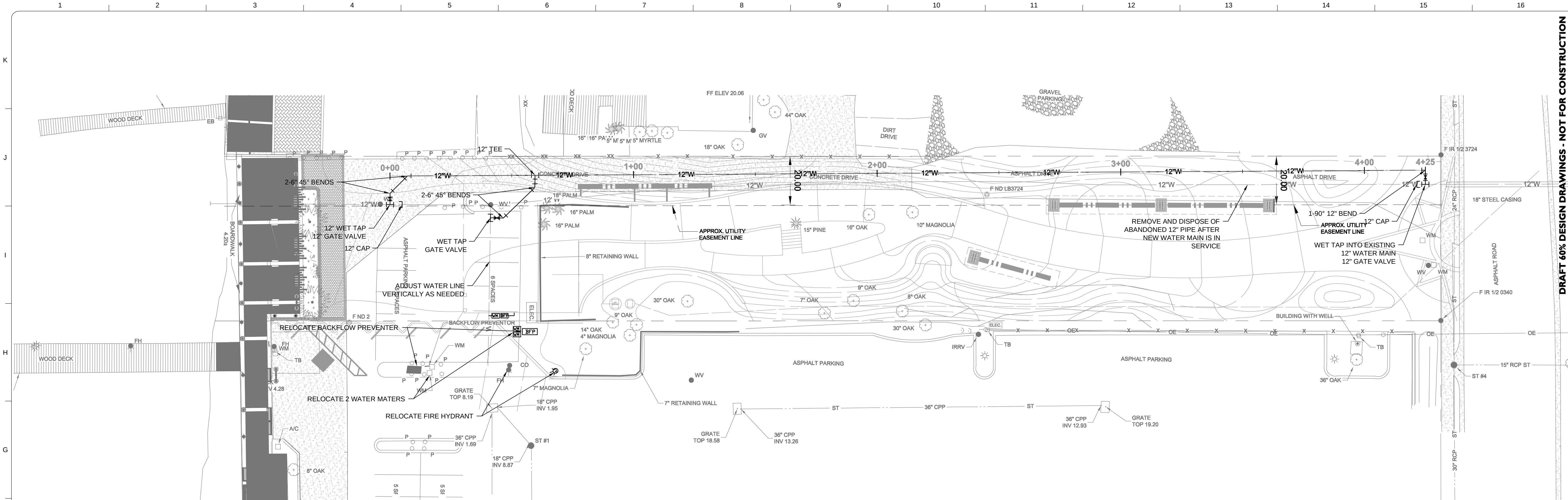
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TETRA TECH 201 E. Pine St #1000 Orlando, Florida 32801 Engineering Business No. 2429	
BY	
DATE	Jun 12, 2014
DESCRIPTION	
MARK	
Client: City of Destin, FL Proj. Loc.: Destin, FL	
Project No.: 200-08535-14002	
Designed By: TV	
Drawn By: JW	
Checked By: MB	
C-101	
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CAPTAIN ROYAL MELVIN - HERITAGE PARK

**DEMOLITION AND
EROSION & SEDIMENTATION
CONTROL PLAN**

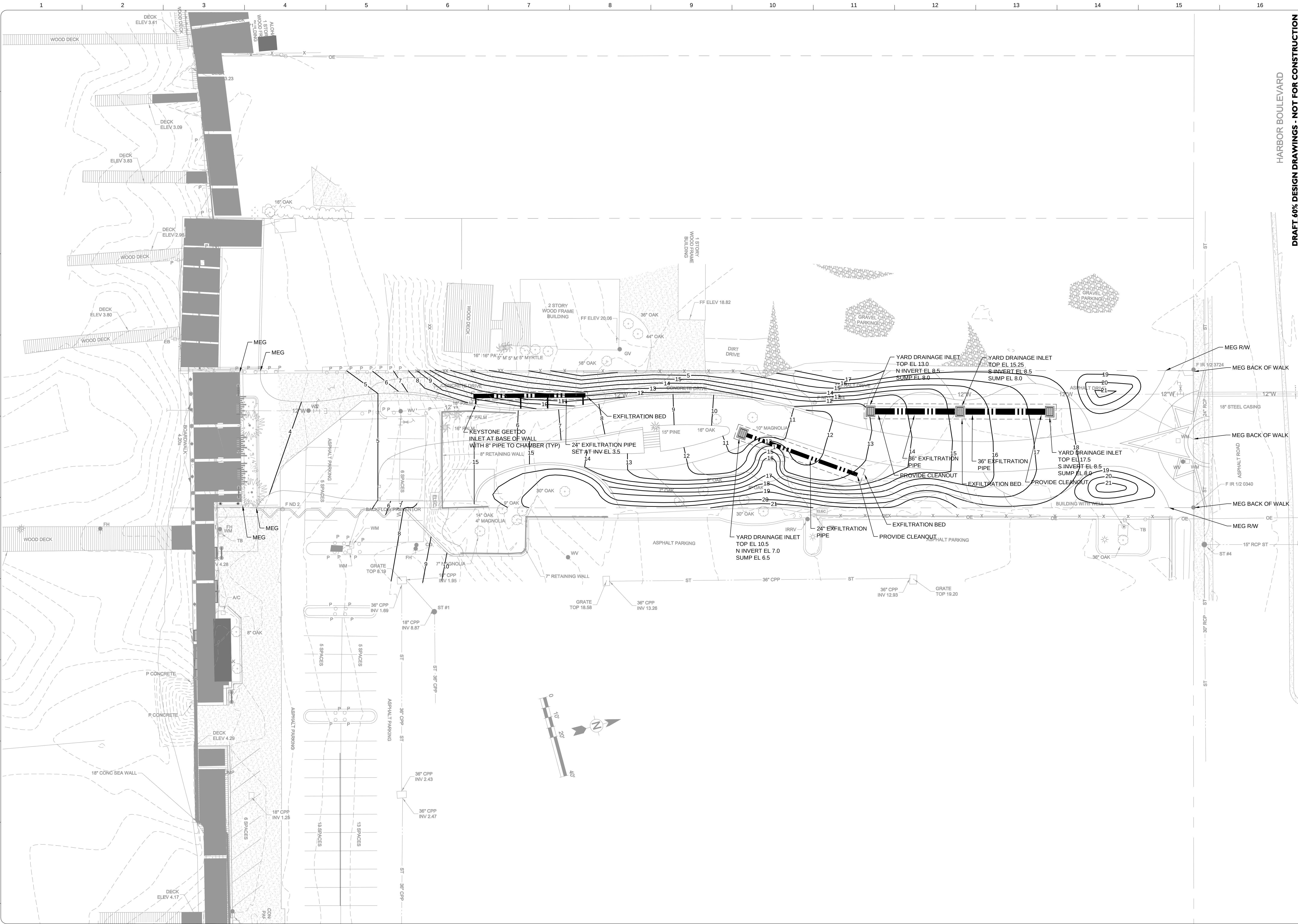
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DRAFT 60% DESIGN DRAWINGS - NOT FOR CONSTRUCTION

Client: City of Destin, FL Proj. Loc.: Destin, FL	CITY OF DESTIN FLORIDA	TETRA TECH 201 E. Pine St #1000 Orlando, Florida 32801 Engineering Business No. 2429	DATE Jun 02, 2014	BY	DESCRIPTION	DATE	MARK	Project No.: 200-08535-14002	Designed By: TV	Drawn By: JW	Checked By: MB	C-102
CAPTAIN ROYAL MELVIN - HERITAGE PARK												
UTILITY ADJUSTMENT PLAN AND PROFILE												
TETRA TECH												
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www.cityofdestin.com 4200 Indian Bayou Tr. Destin, FL 32541 Phone: 850.837.4242												
THE HARBOR CBA DISTRICT												

Tuesday, June 12, 2014 2:39:03 PM DRAWING: C:\Users\timothy.vanderwalker\Desktop\Office\200-08535-14002 Heritage Park & Plaza Design\CAU\SheetFiles\C-200 Grading Plan.DWG LAYOUT: 24x36 USER NAME: VANDERWALKER, TIMOTHY



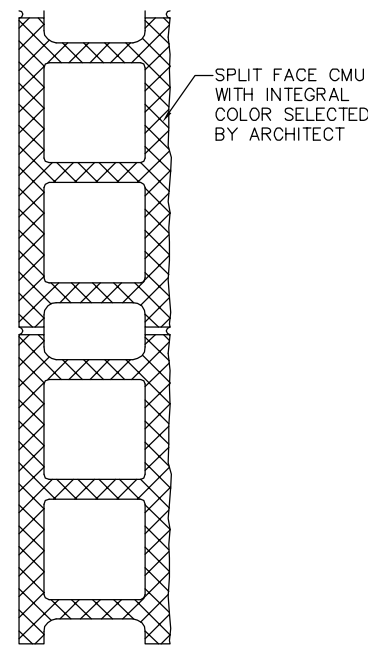
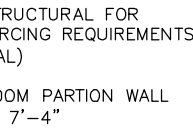
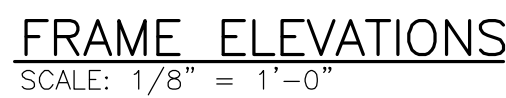
HARBOR BOULEVARD

DRAFT 60% DESIGN DRAWINGS - NOT FOR CONSTRUCTION

 CITY OF DESTIN FLORIDA		 TETRA TECH	
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THE HARBOR CRA DISTRICT 4200 Indian Bayou Tr. Destin, FL 32541 Phone: 850.837.4242		www.cityofdestin.com 4200 Indian Bayou Tr. Destin, FL 32541 Phone: 850.837.4242	
BY		DATE	
MARK		DATE	
DESCRIPTION		DATE	
Client: City of Destin, FL Proj. Loc.: Destin, FL		Project No.: 200-08535-14002	
CAPTAIN ROYAL MELVIN - HERITAGE PARK		Designed By: TV	
GRADING AND DRAINAGE PLAN		Drawn By: JW	
		Checked By: MB	
C-200			



- ## HARDWARE SETS



NOTES:

1. ALL PLYWOOD CEILINGS SHALL HAVE 2" BATTENS AT ALL JOINTS IN GRID AS INDICATED ON REFLECTED CEILING PLAN.
2. INTERIOR DIMENSIONS ARE TAKEN FROM METAL STUD AND CMU FACE.
3. COLORS TO BE DETERMINED BY OWNER IN ACCORDANCE WITH CONTRACT DOCUMENTS.
4. AREA'S 101,102, 103, AND 106 SHALL HAVE A NON SLIP BRUSHED FINISH TO THE CONCRETE FLOOR SURFACE.

MARK	DESCRIPTION	FIN.	MNTG. HEIGHT
A	SURFACE MOUNTED SOAP DISPENSER / SHELF (VANDAL RESISTANT)	S.S.	DISPENSER @ 3'-8" A.F.F. MAX.
B	SURFACE MOUNTED PAPER TOWEL DISPENSER (VANDAL RESISTANT)	S.S.	5'-7" A.F.F. (TOP)
C	SURFACE MOUNTED TOILET TISSUE DISPENSER (DBL. ROLL)	S.S.	℄ @ 1'-7" A.F.F. MIN.
D	36" LONG GRAB BAR	S.S.	℄ @ 2'-10" A.F.F.
E	42" LONG GRAB BAR	S.S.	℄ @ 2'-10" A.F.F.
F	11" X 17" VANDAL RESISTANT MIRROR	S.S.	40" A.F.F. TO BOTTOM OF FRAME

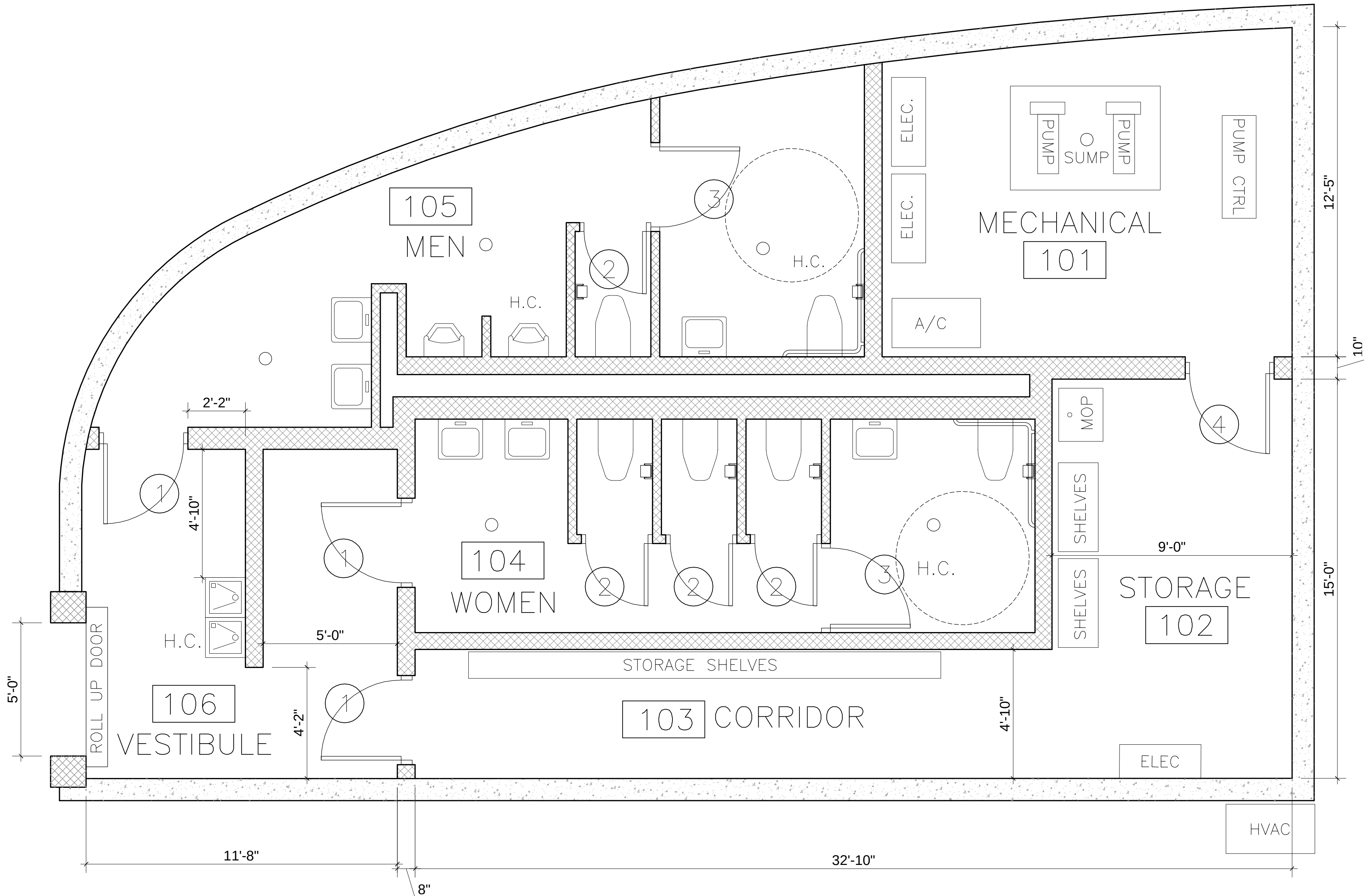
DOOR SCHEDULE						
NUMBER	TYPE	WIDTH	HEIGHT	FRAME TYPE	HARDWARE SET	NOTES
1	A	3'-0"	7'-0"	1	AA	
2	C	2'-4"	5'-0"	—	BB	
3	D	3'-0"	5'-0"	—	BB	
4	B	3'-0"	7'-0"	1	AA	CHEMPROOF OR EQUAL

Tuesday, June 03, 2014 12:27:46 PM D:\DRAWING - C:\User\sttimothy.vandervalken\Desktop\Offline\200-08535-14002 Heritage Park & Plaza Design\CAD\SheetFiles\A-100 Architectural .DWG LAYOUT: A101 USER NAME: VANDERWALKER, TIMOTHY

- GENERAL NOTES
- G1 (NIC) NOT IN CONTRACT. TO BE PROVIDED BY OWNER AND INSTALLED BY OWNER.
- G2 DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
- G3 ALL DIMENSIONS SHOWN ARE TO FACE OF MASONRY.
- G4 AT INTERIOR CMU WALLS, PROVIDE BULLNOSE UNITS AT ALL EXPOSED CONCRETE BLOCK CORNERS. UNLESS OTHERWISE NOTED. FIRST COURSE SHALL BE SQUARE BLOCK TO ACCEPT BASE, TYPICAL.
- G5 REFER TO STRUCTURAL DRAWINGS FOR TYPES, SIZE, LOCATION AND CONNECTIONS, REINFORCEMENT AND OTHER REQUIREMENTS PERTAINING TO STRUCTURAL COMPONENTS.
- G6 REFER TO STRUCTURAL DRAWINGS FOR LINTEL SCHEDULE.
- G7 REFER TO STRUCTURAL DRAWINGS FOR VERTICAL REINFORCING IN CMU WALLS, POURED CONCRETE SLABS, AND FOUNDATIONS.
- G8 VERIFY REQUIREMENTS DEPTH OF ALL RECESSED SLABS WITH APPROPRIATE MANUFACTURER PRIOR TO PLACEMENT OF SLAB.
- G9 ALL CHANGES TO FLOOR FINISHES SHALL OCCUR AT DOOR THRESHOLDS, TYPICAL.
- G10 CONTACT BETWEEN DISSIMILAR METALS SHALL BE SEPARATED WITH BUTYL TAPE, OR OTHER APPROVED MEANS TO PREVENT GALVANIC CORROSION.
- G11 CONTRACTOR SHALL PROVIDE ALL CONCEALED BLOCKING REQUIRED FOR ATTACHMENT AND SUPPORT OF EQUIPMENT, FIXTURES, WINDOWS, ETC.
- G12 CONTRACTOR SHALL VERIFY ALL ROUGH OPENING SIZES FOR WINDOWS AND DOORS AND COORDINATE ANY REQUIRED ADJUSTMENTS WITH THE ARCHITECT.
- G13 SYMBOLS THAT REFER TO M&E ITEMS ON ARCHITECTURAL DRAWINGS ARE FOR GRAPHIC PURPOSES ONLY. REFER TO M&E DRAWINGS FOR SPECIFIC INFORMATION.
- G14 ALL WOOD BLOCKING, NAILERS, SILL PLATES, ETC. IN CONTACT WITH SLABS ON GRADE OR MASONRY OR CONCRETE SHALL BE PRESSURE-PRESERVATIVE TREATED. REFER TO THE DRAWINGS FOR OTHER LOCATIONS WHERE PT WOOD IS REQUIRED.
- G15 ALL PT WOOD COMPONENTS SHALL BE SEPARATED FROM CONTACT WITH ADJACENT METALS WITH PERMANENTLY AFFIXED NO. 15 LB FELT, SELF ADHERING ELASTOMERIC MEMBRANE, OR OTHER SUCH PERMANENT NON-CORROSIVE SEPARATION MATERIAL.
- G16 ALL ANCHORS, FASTENERS, ETC. IN CONTACT WITH PT WOOD COMPONENTS SHALL BE STAINLESS STEEL OR G-90 MIN. HOT DIPPED GALVANIZED.
- G17 ALL CONCEALED WOOD FRAMING AND PLYWOOD SHALL BE FIRE RETARDANT TREATED (FRT) EXCEPT THAT NON-FRT BLOCKING NAILERS, AND FURRING MAY BE USED WHERE INSTALLED IN ACCORD WITH LOCAL AND STATE CODES.
- G18 CONTRACTOR SHALL REVIEW DRAWINGS FOR MATERIALS AND MANUFACTURERS MODEL NUMBERS LISTED ON DRAWINGS.
- G19 PROVIDE THREE (3) FIRE EXTINGUISHERS AND RECESSED CABINETS IN ACCORDANCE WITH CONTRACT DOCUMENTS AT LOCATIONS INDICATED ON PLAN. THE FIRE EXTINGUISHERS SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- G20 COORDINATE ROUTING OF ALL REQUIRED CONDUITS AND RACEWAYS INTERNAL TO CMU WALLS WITH ELECTRICAL WORK.

- PARTITION TYPE GENERAL NOTES
- P1 REFER TO STRUCTURAL DRAWINGS FOR REQUIREMENTS PERTAINING TO REINFORCED CMU WALLS.
- P2 CONTRACTOR SHALL INSTITUTE ALL MEASURES NECESSARY TO ACHIEVE WEATHERTIGHTNESS OF EXTERIOR WALLS BY ALLOWING POSITIVE DRAINAGE OF WATER TO THE EXTERIOR WHERE FLASHING IS INDICATED OR REQUIRED.
- A. TOOL ALL MORTAR JOINTS AT THE PROPER TIME TO CONSOLIDATE THE SURFACE AND REDUCE WATER INFILTRATION.
B. THE USE OF LIGHT WEIGHT OR OTHER THAN THE SPECIFIED CONCRETE UNIT MASONRY AT SINGLE WITHE WALLS WILL NOT BE PERMITTED AT EXTERIOR WALLS.
- P3 INTERIOR MASONRY WALLS EXPOSED TO VIEW SHALL BE PAINTED UNLESS NOTED OTHERWISE.

CODE ANALYSIS 2010 FLORIDA BUILDING CODE	
TOTAL AREA UNDER ROOF	988 SF
GROUP B	
RESTROOMS, OFFICE, OFFICE UTILITY	988 SF
ALLOWABLE HEIGHT AND BUILDING AREA (TABLE 503)	
GROUP "B"	
STORY	1
AREA	9,000 SF
CONSTRUCTION CLASSIFICATION (TABLE 601)	
TYPE V-B	REQUIRED
STRUCTURAL FRAME	0HR
BEARING WALLS	
EXTERIOR	0HR
INTERIOR	0HR
EXTERIOR	0HR
INTERIOR	0HR
NONBEARING WALLS PARTITIONS	0HR
ROOF CONSTRUCTION	0HR
TOTAL AREA	988 SF < 9,000 SF



SCALE: 3/8" = 1'-0"

- LEGEND
- CAST-IN-PLACE CONCRETE WALL
- CMU BLOCK WALL

DRAFT 60% DESIGN DRAWINGS - NOT FOR CONSTRUCTION

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THE HARBOR CIRA DISTRICT		www.tetrattech.com 12825 Emerald Coast Pkwy., Suite 110 Destin, FL 32550 Phone: 850.837.9278 Fax: 850.837.7269	
Client: City of Destin, FL Proj. Loc.: Destin, FL	CAPTAIN ROYAL MELVIN - HERITAGE PARK	Project No.: 200-08535-14002	Designed By: TV
		Drawn By: JW	Checked By: MB
FLOOR PLAN		A101	

GENERAL NOTES

- A. THESE GENERAL NOTES PRESENT AND/OR SUMMARIZE KEY PROJECT INFORMATION FOR THE PLANS. ALSO REFER TO INDIVIDUAL PLAN NOTES AND PROJECT SPECIFICATIONS FOR FURTHER DETAILS AND REQUIREMENTS.
- B. ALL REFERENCES TO REFERENCE STANDARDS HEREIN ARE TO MOST RECENT ISSUE IN EFFECT AS OF THE DATE OF THESE DOCUMENTS, UNLESS NOTED OTHERWISE IN PROJECT SPECIFICATIONS OR ON THE PLANS.
- C. ABBREVIATIONS:

A.R.	-	ANCHOR ROD	FIN.	-	FINISH	PL	-	PLATE
ALT.	-	ALTERNATE	FLR.	-	FLOOR	P.L.F.	-	POUNDS PER FOOT
ARCH.	-	ARCHITECT(URAL)	FDN.	-	FOUNDATION	PSF	-	POUNDS PER FOOT²
BLDG.	-	BUILDING	F.A.	-	FAR SIDE	PSI	-	POUNDS PER FOOT²
BM.	-	BEAM	FT.	-	FOOT, FEET	PT	-	PRESSURE TREATED
BLDG.	-	BOTTOM	FTG.	-	FOOTING	R	-	RADIUS
BRG.	-	BEARING	GA	-	GALVANIZED	REINF.	-	REINFORCING
CFS	-	COLD-FORMED STEEL	GALV.	-	GALVANIZED	REQ'D	-	REQUIRED
CJ	-	CONTROL JOINT	H.A.	-	HOLLOW CORE	REV.	-	REVISED/REVISION
CL	-	CENTERLINE	HOG	-	HOT-DIPPED GALV.	SCHED.	-	SCHEDULE
CLR.	-	CLEAR	HORIZ.	-	HORIZONTAL	SIM.	-	SIMILAR
CMU	-	CONCRETE MASONRY UNIT	H.P.	-	HIGH POINT	SO.	-	SQUARE
COL	-	COLUMN	I.J.	-	ISOLATED JOINT	STD.	-	STANDARD
CONC.	-	CONCRETE	J.T.	-	JOINT	STL	-	STEEL
CTR.	-	CENTER	L	-	ANGLE	STRUCT.	-	STRUCTURAL
DBA	-	DEFORMED BAR ANCHOR	LLH	-	LONG LEG HORIZ.	S.S.	-	STAINLESS STEEL
DEMO	-	DEMOLITION	LLV	-	LONG LEG VERT.	S.W.	-	SHEAR WALL
DIA.	-	DIAMETER	LG.	-	LONG	TEMP.	-	TEMPERATURE
DIM.	-	DIMENSION	LWR.	-	LOWER	T.O.	-	TOP OF
DWG.	-	DRAWING	MAT'L.	-	MATERIAL	T.O.C.	-	TOP OF CONCRETE
EA.	-	EACH	MAX.	-	MAXIMUM	T.O.S.	-	TOP OF STEEL
E.B.	-	EXPANSION JOINT	MECH.	-	MECHANICAL	TYPICAL	-	TYPICAL
EL.	-	ELEVATION	MFR.	-	MANUFACTURER	U.N.O.	-	UNLESS NOTED OTHERWISE
ELEC.	-	ELECTRICAL	MIN.	-	MINIMUM	VERT.	-	VERTICAL
EQ.	-	EQUAL	MISC.	-	MISCELLANEOUS	VS.	-	VALLEY SET
E.F.	-	EACH FACE	MTL	-	METAL	W/	-	WITH
E.W.	-	EACH WAY	N.F.	-	NEAR FACE	WD.	-	WOOD
EXIST.	-	EXISTING	N.T.S.	-	NOT TO SCALE	W.A.	-	WORK POINT
EXP.	-	EXPANSION	O/C	-	ON CENTER	W/O	-	WITHOUT
			OPN'G	-	OPENING	W.W.F.	-	WELDED WIRE FABRIC

- D. BUILDING INSPECTIONS SHALL BE CONDUCTED IN ACCORDANCE WITH FLORIDA BUILDING CODE, SECTION 109.
- E. SUBMIT SHOP DRAWINGS, PROJECT DATA AND SAMPLES AS SPECIFIED IN PROJECT SPECIFICATIONS.

DESIGN CRITERIA

BUILDING CODE: 2007 FLORIDA BUILDING CODE

- A. SUPERIMPOSED LIVE LOADS:
- | | |
|--|---------|
| TYPICAL FLOORS..... | 150 PSF |
| GARAGE/SHOP FLOOR..... | 300 PSF |
| WORKING SURFACES AROUND PUMP STATION | 100 PSF |
| FLAT AND PITCHED ROOF..... | 20 PSF |

- B. ENGINEERED WOOD AND HEAVY TIMBER TRUSS LOADING CRITERIA:
- | | |
|----------------------------------|--|
| ROOF DEAD LOAD..... | 20 PSF (10 PSF TOP CHORD/10 PSF BOT CHORD) |
| DEAD LOAD TO RESIST UPLIFT | 15 PSF (5 PSF TOP CHORD/10 PSF BOT CHORD) |
| ROOF LIVE LOAD..... | 20 PSF (20 PSF TOP CHORD/0 PSF BOT CHORD) |

DEFLECTION CRITERIA

LIVE LOAD.....	L/360
TOTAL LOAD.....	L/240

IN ADDITION TO SCHEDULED TRUSS LOADING, THE BOTTOM CHORD SHALL BE DESIGNED FOR AN ADDITIONAL 120 LB. CONCENTRATED DEAD LOAD BETWEEN MIDSPAN OF PANEL POINTS, ANY WHERE ALONG THE TRUSS FOR MAXIMUM SHEAR AND MOMENT CHORD STRESS.

- C. WIND LOAD
- BASIC WIND SPEED = 130 MPH
- WIND IMPORTANCE FACTOR, I = 1.15
- WIND EXPOSURE = B
- DIRECTIONALITY FACTOR = 0.85
- TOPOGRAPHY = FLAT
- INTERNAL PRESSURE COEFFICIENT, Gcpi = ±0.18
- BUILDING ENCLOSURE STATUS = ENCLOSED
- WIND BORNE DEBRIS REGION = YES

D. FOUNDATIONS

- SEE GEOTECHNICAL/SUBSURFACE INVESTIGATION REPORT BY ATC & ASSOCIATES, INC. , ATC PROJECT NO. 24-20644.0002, DATED OCTOBER 11, 2006.
- ALLOWABLE BEARING PRESSURES ON NATIVE SOIL OR ENGINEERED FILL = 2,000 PSF
- GEOTECHNICAL ENGINEER SHALL BE RETAINED BY OWNER TO PROVIDE OBSERVATION AND TESTING SERVICES DURING THE GRADING AND FOUNDATION PHASE OF CONSTRUCTION. INSPECTION AND TESTING REPORTS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER.
- FOOTINGS SHALL HAVE A MIN. DEPTH OF 24" BELOW GRADE.
- PROVIDE 6" OF #57 STONE UNDER ALL SLAB-ON-GRADE CONDITIONS. COMPACT STONE TO 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY PER ASTM D1557.

GENERAL PROVISIONS

- A. THE GENERAL PROVISIONS OUTLINED HEREIN SHALL BE COORDINATED WITH THE CONTRACT SPECIFICATIONS AND SHALL BE STRICTLY OBSERVED DURING CONSTRUCTION AS WELL AS PREPARING SHOP DRAWINGS.
- B. THESE DRAWINGS HAVE BEEN PREPARED TO DETAIL STRUCTURAL REQUIREMENTS ONLY. REFER TO OTHER CONTRACT DOCUMENTS AND VENDOR INFORMATION FOR REQUIREMENTS AND DETAILS OF OTHER TRADES.
- C. PROVIDE POSITIVE DRAINAGE SLOPES (1/8" PER FT.) ON ALL FLOOR, ACCESS AND WALK SLABS, ETC. SLAB THICKNESSES SHOWN IN THESE DRAWINGS ARE MINIMUM REQUIRED.
- D. ALL STRUCTURAL DRAWINGS MUST BE COORDINATED WITH ALL OTHER DISCIPLINE DRAWINGS.

CAST-IN-PLACE CONCRETE

- A. REFERENCE STANDARD: ACI 301. COLD WEATHER PLACEMENT: ACI 306-1. HOT WEATHER PLACEMENT: ACI 305R. CONTRACTOR TO MAINTAIN COPIES OF THESE SPECIFICATIONS AT JOB SITE.
- B. MIX DESIGN SHALL BE DOCUMENTED IN ACCORD WITH SECTION 03300 OF THE PROJECT SPECS AND ACI 301, CHAPTER 3 "PROPORTIONING". MIX DESIGNS WHICH ARE SUBMITTED WITHOUT THE REQUIRED DOCUMENTATION WILL BE REJECTED. FIELD SLUMPS RECORDED AT JOB SITE SHALL NOT EXCEED THE SLUMP ESTABLISHED FOR THE MIX DESIGN.
- C. MATERIALS
- | | |
|----------------------------------|-------------------------|
| 1. 28 DAY COMPRESSIVE STRENGTHS: | |
| FOUNDATIONS, WALLS, PIERS | 4,000 PSI NORMAL WEIGHT |
| SLAB ON GRADE | 4,000 PSI NORMAL WEIGHT |
| ALL OTHER CONCRETE | 4,000 PSI NORMAL WEIGHT |
2. ALL CONCRETE EXPOSED TO THE ELEMENTS SHALL BE AIR-ENTRAINED IN ACCORDANCE WITH ASTM C260, SEE SPECS.
3. ALL CONCRETE AGGREGATE SHALL COMPLY WITH ASTM C33 (NORMAL WEIGHT)

D. FORMWORK

- SEE SPECS.
- PROVIDE SHEAR KEYS IN THE TOPS OF WALL FOOTINGS SUPPORTING CONCRETE WALLS AND IN THE TOPS OF COLUMN FOOTINGS AT CONCRETE WALLS. KEYS INDICATED ARE TO BE 2x4 NOMINAL CONTINUOUS, U.N.O.
- CAMBER: PROVIDE CAMBER TO COMPENSATE FOR DISPLACEMENT OF FORMS (SEE ALSO SPECS) AND TO PROVIDE AS-CAST MEMBER CAMBER AS NOTED ON PLANS.
- RUSTICATION STRIPS, CHAMFERS, DRIPS, MISC. EMBEDS, ETC. SEE PLANS AND/OR ARCHITECTURAL DRAWINGS.
- PROVIDE 3/4" CHAMFER AT ALL EXPOSED CORNERS OF BEAMS, WALLS ETC, UNLESS OTHERWISE NOTED.
- OPENINGS FOR MEP TRADES ARE TO BE INCLUDED IN THE BID. ALL HOLES FOR OTHER TRADES WHICH MUST BE CUT OR FORMED AND WHICH ARE NOT SHOWN ON THE STRUCTURAL DESIGN(S) DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER DESIGNER FOR REVIEW AND APPROVAL. ANY STRENGTHENING OR ADDITIONAL REINFORCEMENT REQUIRED SHALL BE FURNISHED BY THE CONTRACTOR WITHOUT ADDITIONAL COST TO THE OWNER.

E. REINFORCEMENT:

- REINFORCING BARS: ASTM A615, GRADE 60
- FABRICATION: ACI 315 "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" AND/OR CRSI "REINFORCING BAR DETAILING" (MANUAL OF STANDARD PRACTICE).
- WELDED SMOOTH WIRE FABRIC – ASTM A185 (SHEETS ONLY, ROLL FABRIC NOT ALLOWED)
- ACCESSORIES: PROVIDE PROTECTED BAR SUPPORTS CLASS 1, MAXIMUM PROTECTION (CRSI MANUAL OF STANDARD PRACTICE) FOR ALL SLABS AND BEAMS WITH SOFFITS EXPOSED TO VIEW
- CORNER BARS: PROVIDE CORNER BARS SAME SIZE AND SPACING AS HORIZONTAL REINFORCEMENT AT INTERSECTIONS OF ALL WALLS, FOUNDATIONS AND GRADE BEAMS.
- ALL REINFORCING SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES IN CONFORMANCE WITH CRSI MANUAL OF STANDARD PRACTICE AND ACI 315 DURING THE PLACING OF CONCRETE.
- MINIMUM COVER FOR REINFORCING:

FOOTINGS	3.0"
COLUMNS	2.0"
WALLS	2.0"
EXPOSED SLABS (BOTTOM STEEL)	2.0"
EXPOSED SLABS (TOP STEEL)	2.0"
BEAMS	2.0"
SLAB ON GRADE	MID-DEPTH

- F. EMBEDDED PIPES OR CONDUIT. MAXIMUM DIAMETER ONE THIRD x SLAB OR WALL THICKNESS, SPACED MINIMUM OF 3 TIMES DIAMETER ON CENTER.

G. CHEMICAL ADHESIVE ANCHOR SYSTEM:

- CHEMICAL ANCHORS SHALL CONSIST OF AN EQUAL TWO-COMPONENT STRUCTURAL GRADE EPOXY INJECTION MATERIAL CONFORMING TO ASTM C881.
- APPROVED SYSTEMS INCLUDE HILTI HIT HY150, SIMPSON SET HIGH STRENGTH EPOXY AND REDHEAD EPOON C6 OR ENGINEER APPROVED SUBSTITUTION.
- ANCHOR RODS SHALL BE STAINLESS STEEL, FURNISHED WITH CHAMFERED ENDS, AND SHALL MEET STRENGTH AND DUCTILITY REQUIREMENTS EQUIVALENT ASTM A36 MATERIAL.
- INSTALLATION SHALL BE IN CONFORMANCE WITH MANUFACTURER'S PRINTED LITERATURE, AND AS INDICATED ON THE STRUCTURAL DRAWINGS.
- COORDINATE ANCHOR LOCATIONS WITH MASONRY FILL CELLS WHEN REQUIRED.

H. EXPANSION BOLTS:

- APPROVED SYSTEMS INCLUDE HILTI KWIK BOLT 3, SIMPSON STRONG BOLT AND REDHEAD TRUBOLT OR ENGINEER APPROVED SUBSTITUTION.

- I. GROUT. HIGH STRENGTH, NON-SHRINK STRUCTURAL GROUT. SEE SPECS.

- J. CONCRETE FINISHES. SEE SPECS.

- K. CURING AND PROTECTION: SEE SPECS.

- L. SHOP DRAWINGS: SUBMIT REBAR SHOP DRAWINGS. SEE SPECS.

- M. FORMWORK. SEE SPECS.

CONCRETE MASONRY

- A. MATERIALS: MASONRY WALLS SHALL CONSIST OF ASTM C-90, GRADE N-1, HOLLOW CONCRETE MASONRY UNITS WITH A MINIMUM COMPRESSIVE STRENGTH f'm = 1,500 PSF.
- B. MORTAR SHALL COMPLY WITH ASTM C-270, AND SHALL BE TYPE S (1800 PSI).
- C. CORE FILL GROUT SHALL COMPLY WITH ASTM C-476, WITH A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI
- D. MASONRY SHALL BE LAID IN A RUNNING BOND PATTERN UNLESS OTHERWISE NOTED. NO CONTINUOUS VERTICAL JOINTS ARE PERMITTED AT WALL CORNERS, INTERSECTIONS, AND OPENING EDGES. SAW TOOTH BLOCK EACH ALTERNATE COURSE AT THESE LOCATIONS TO ACHIEVE MONOLITHIC CONSTRUCTION.
- E. VERTICAL REINFORCEMENT: LOCATION, SIZE AND SPACING SHALL BE AS INDICATED ON THE STRUCTURAL DRAWINGS. WALLS SHALL BE REINFORCED FULL HEIGHT IN GROUT FILLED CELLS AT ALL WALL CORNERS, INTERSECTIONS, ENDS, AND ADJACENT TO OPENINGS WITH REINFORCING SIZE TO MATCH SCHEDULE.
- F. PROVIDE REINFORCING STEEL DOWELS INTO STRUCTURE ABOVE AND BELOW WITH SIZE AND SPACING TO MATCH VERTICAL REINFORCEMENT, UNLESS OTHERWISE NOTED.
- G. DOWELS TO THE FOUNDATIONS WITH SIZE AND SPACING TO MATCH VERTICAL REINFORCING. MINIMUM LAP SPLICE LENGTH SHALL BE FORTY-EIGHT (48) BAR DIAMETERS.
- H. HORIZONTAL JOINT REINFORCEMENT: SHALL BE 9 GAGE GALVANIZED DUR-O-WAL LADUR TYPE OR ENGINEER APPROVED SUBSTITUTE, LOCATED AT SIXTEEN (16) INCHES VERTICALLY.
- I. PROVIDE HORIZONTAL JOINT REINFORCING IN PARAPETS AND FREE STANDING WALLS AT EIGHT (8) INCHES VERTICALLY.
- J. CONTROL JOINTS: SHALL BE PROVIDED AS SPECIFIED BY THE ARCHITECT. TERMINATE EACH SIDE OF CONTROL JOINTS. SEE ARCHITECTURAL DRAWINGS FOR SEALANT REQUIREMENTS AT CONTROL JOINTS.
- K. GROUTING: CONTRACTOR SHALL SUBMIT PROPOSED GROUT MIX DESIGN FOR ENGINEER REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. GROUT SLUMP SHALL BE BETWEEN 8 AND 11 INCHES. USE OF SUPERPLASTICIZER IS PROHIBITED. CELLS WHICH ARE TO RECEIVE GROUT SHALL BE VERTICALLY ALIGNED WITH A CLEAR, UNOBSTRUCTED AND CONTINUOUS VERTICAL SPACE. CELLS SHALL BE FILLED COMPLETELY AND VIBRATION CONSOLIDATED. GROUTING OPERATIONS SHALL BE CONTINUOUS AND SHALL NOT BE STOPPED FOR A PERIOD EXCEEDING ONE HOUR. GROUTING SHALL BE A CONTINUOUS OPERATION IN LIFTS NOT EXCEEDING 4 FEET AND MAXIMUM POUR HEIGHT OF 12 FEET.
- L. CLEANOUT OPENINGS SHALL BE PROVIDED AT BOTTOM OF CELLS TO BE GROUTED. OVERHANGING MORTAR, DEBRIS AND OTHER OBSTRUCTIONS SHALL BE REMOVED FROM INSIDE CELLS. SEAL CLEANOUT HOLES AFTER INSPECTION AND BEFORE GROUTING. MINIMUM INSIDE FILL CELL DIMENSION SHALL BE 3"x3".
- M. PROVIDE REBAR SHOP DRAWING SHOWING ALL VERTICAL AND HORIZONTAL REINFORCING. PROVIDE PLAN LAYOUT WITH VERTICAL CONTROL JOINT LOCATIONS.

STRUCTURAL STEEL

- A. DESIGN, FABRICATION, AND ERECTION. AISC SPEC., FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.
- B. GRADE STEEL:

MISC METALS (STAINLESS STEEL)	ASTM A564
WIDE FLANGES	ASTM A992, GRADE 50
CHANNELS ANGLES AND PLATES	ASTM A36
SHEAR CONNECTION PLATES	ASTM A572, GRADE 50
STRUCTURAL PIPE	ASTM A53, GRADE B, Fy=35 KSI
ROUND HSS:	ASTM A500, GRADE B, Fy=42 KSI
SQUARE OR RECTANGLE HSS:	ASTM A500, GRADE B, Fy=46 KSI
WELDED STUDS	ASTM A108, GRADE 60
ANCHOR RODS	ASTM F1554, GRADE 36 (WELDABLE)
STRUCTURAL BOLTS	ASTM A325-N

C. CONNECTIONS:

- ASTM A325-N, ¾" UNLESS NOTED OTHERWISE. BEARING TYPE INSTALLED IN CONFORMANCE WITH "SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS", RESEARCH COUNCIL ON RIVETED AND BOLTED STRUCTURAL JOINTS. UNLESS NOTED OTHERWISE, STANDARD AISC "USUAL GAGE" DIMENSIONS SHALL BE USED FOR LOCATING HOLES FOR BOLTS, EXPANSION ANCHORS, ETC. IN ALL ANGLES, BEAM FLANGES, ETC. WELDS: AWS D1.1, OR E70XX.
- STRUCTURAL STEEL CONNECTIONS SHALL BE DESIGNED BY THE FABRICATOR OR AS INDATED ON THE CONSTRUCTION DOCUMENTS. SEALED CALCULATIONS SHALL BE PROVIDED BY A REGISTERED ENGINEER IN THE STATE OF FLORIDA.
- THE ASSEMBLY SURFACE, INCLUDING THOSE ADJACENT TO THE WASHER, SHALL BE FREE OF MILL SCALE, OIL, PAINT OR OTHER COATINGS.
- ALL HIGH STRENGTH BOLTS SHALL BE TIGHTENED TO A BOLT TENSION NOT LESS THAN THAT SPECIFICATION IN THE AISC MANUAL. FULL TENSIONING SHALL BE BY THE TURN OF NUT METHOD, BY A DIRECT TENSION INDICATOR, OR BY PROPERLY CALIBRATED WRENCHES. PROVIDE HARDENED WASHERS UNDER THE NUT OR BOLT HEAD, WHICHEVER IS THE ELEMENT TURNED IN TIGHTENING.
- WELDING – PERFORM ALL WELDING IN ACCORDANCE WITH 2000 AWS D1.1 CODE. WELDS SHALL BE MADE ONLY BY OPERATORS CERTIFIED BY AWS IN PERFORMING THE TYPE OF WORK INDICATED.

- D. TOLERANCES. AISC CODE OF STANDARD PRACTICE (LATEST EDITION).

- E. CAMBER. PROVIDE POSITIVE CAMBER AS NOTED ON PLANS. WHERE NO CAMBER IS NOTED, RESIDUAL MILL CAMBER IS TO BE UPWARDS.

F. SHOP DRAWINGS.

- SUBMIT ERECTION AND FABRICATION SHOP DRAWINGS. SEE SPECS.
- SUBMIT ERECTION PROCEDURES AND TEMPORARY BRACING PLAN FOR A/E REVIEW.
- SUBMIT CALCULATIONS AS REQUIRED.
- ALL EXPOSED ANGLE AND PLATE LINTELS FOR BLOCK SUPPORT SHALL BE HOT DIPPED GALVANIZED.
- WHERE BOLT ANCHORAGES INTO CONCRETE MASONRY WALLS IS SPECIFIED ON DRAWINGS, ANCHORAGES SHALL BE IN GROUTED CELLS TYPICALLY COORDINATION WITH MASONRY SUBCONTRACTOR IS REQUIRED.
- PAINTING – AFTER MATERIAL HAS BEEN PROPERLY CLEANED AND TREATED, APPLY SHOP PRIME COAT TO ALL SURFACES, EXCEPT THOSE INTENDED FOR EMBEDMENT INTO CONCRETE OR TO RECEIVE FIELD WELDING, SLIP CRITICAL BOLTS, OR CEMENTITIOUS FIREPROOFING.

STRUCTURAL ALUMINUM

- A. COMPLY WITH THE FOLLOWING: ADM2005 "ALUMINUM DESIGN MANUAL"
- B. ALL PLATES AND ROLLED SHAPES ARE 6061-T6 ALUMINUM.
- C. PROVIDE MIN. (2) 3/4" DIA. STAINLESS STEEL BOLTS, WASHERS, AND NUTS FOR ALL CONNECTIONS, UNO.
- D. ALL WELDING SHALL CONFORM TO AWS D1.2 "STRUCTURAL WELDING CODE – ALUMINUM". SHOP DRAWINGS SHALL SHOW ALL SHOP AND ERECTION DETAILS INCLUDING CUTS, COPE CONNECTIONS, HOLES, THREADED FASTENERS, RIVETS, AND WELDS. GRIND ALL WELDS FOR SMOOTH TRANSITIONS.
- E. THE APPROVAL OF SHOP DRAWINGS WILL BE FOR SIZE AND ARRANGEMENT OF PRINCIPAL AND AUXILIARY MEMBERS AND STRENGTH OF CONNECTIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DIMENSIONS SHOWN ON THE SHOP DRAWINGS. PROVIDE CALCULATIONS FOR ALL GUARDRAIL, SIGNED AND SEALED BY A FLORIDA PROFESSIONAL ENGINEER.
- F. LAYOUT AND DESIGN FOR THE GUARDRAIL, HANDRAIL AND THEIR COMPONENTS SHALL ADHERE TO THE 2007 FBC.
- G. BURNING OF HOLES IN ALUMINUM IS NOT PERMITTED WITHOUT PRIOR APPROVAL OF THE ENGINEER.
- H. COAT SURFACES OF ALUMINUM THAT WILL COME IN CONTACT WITH GROUT, CONCRETE, MASONRY, WOOD, OR DIS-SIMILAR METALS WITH THE FOLLOWING:
- CAST ALUMINUM – HEAVY COAT OF BITUMINOUS PAINT.
 - EXTRUDED ALUMINUM – TWO COATS OF CLEAR LACQUER.

DEVELOPMENT / LAP SPLICE SCHEDULE

DEVELOPMENT / LAP SPLICE LENGTH IN CONCRETE (f'c = 4000 PSI)				
BAR SIZE	DEVELOPMENT LENGTH (IN)		LAP SPLICE LENGTH (IN)	
	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
3	14	12	18	16
4	19	15	24	19
5	23	18	30	23
6	28	22	36	28
7	33	25	42	33
8	37	29	48	37

DEVELOPMENT / LAP SPLICE LENGTH IN MASONRY		
BAR SIZE	DEVELOPMENT LENGTH (IN)	LAP SPLICE LENGTH (IN)
3	14	18
4	18	24
5	23	30
6	27	36
7	32	42
8	36	48



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TETRA TECH
201 E. Pine St #1000
Orlando, Florida 32801
Engineering Business No. 2429

DATE May 30, 2014

BY									
DESCRIPTION									
DATE									
MARK									

Client: City of Destin, FL
Proj. Loc.: Destin, FL

CAPTAIN ROYAL MELVIN - HERITAGE PARK

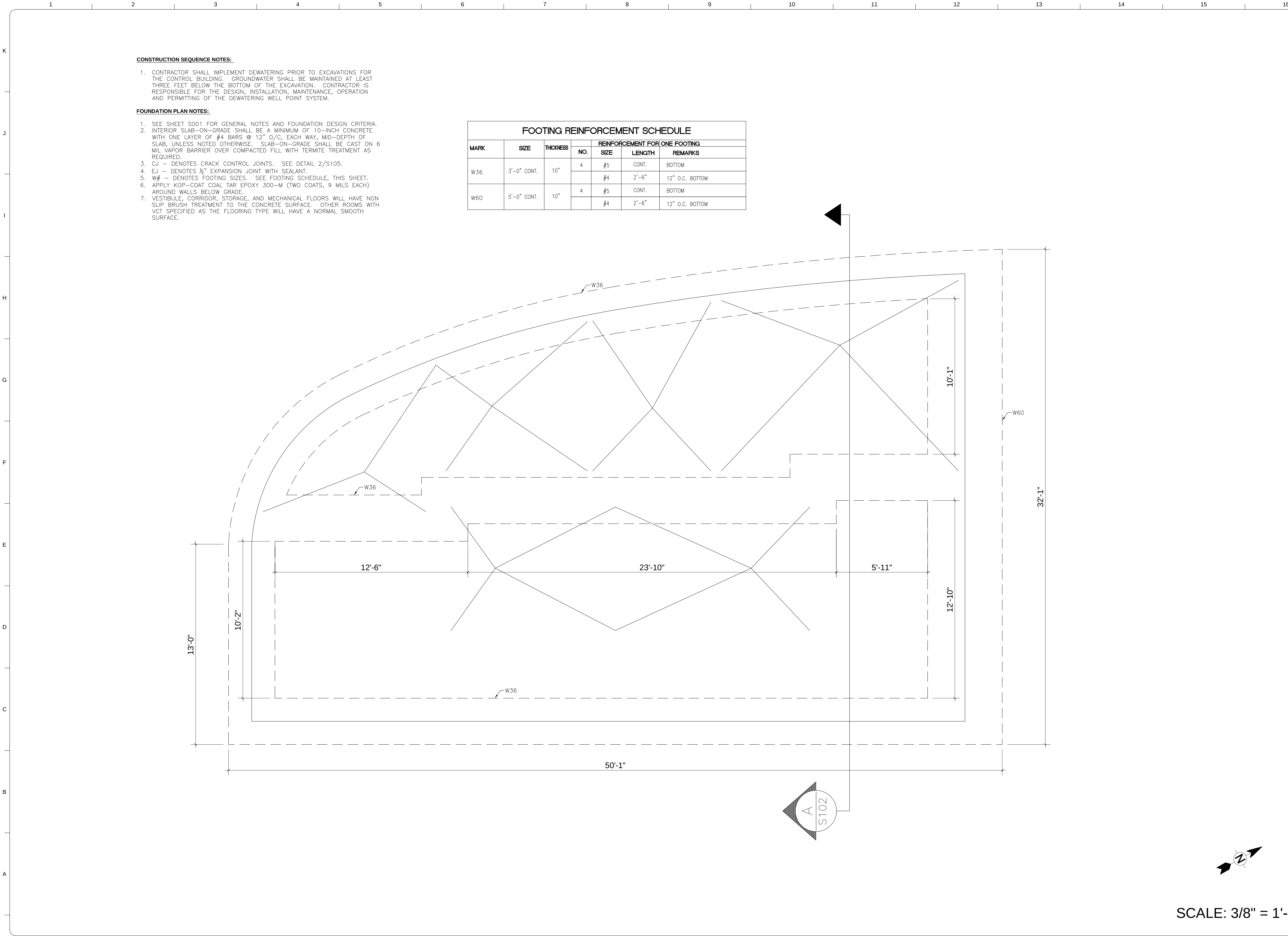
STRUCTURAL NOTES

Project No.: 200-08535-14002
Designed By: TV
Drawn By: JW
Checked By: MB

S100

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Tuesday, June 03, 2014 11:52:55 AM DRAWING: C:\Userstimothy.vandervalker\Desktop\Offline\200-08535-14002 Heritage Park & Plaza Design\CAD\SheetFiles\S-100 Structural DWG LAYOUT: S101 USER NAME: VANDERWALKER, TIMOTHY



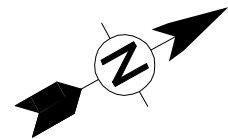
CONSTRUCTION SEQUENCE NOTES:

1. CONTRACTOR SHALL IMPLEMENT DEWATERING PRIOR TO EXCAVATIONS FOR THE CONTROL BUILDING. GROUNDWATER SHALL BE MAINTAINED AT LEAST THREE FEET BELOW THE BOTTOM OF THE EXCAVATION. CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, INSTALLATION, MAINTENANCE, OPERATION AND PERMITTING OF THE DEWATERING WELL POINT SYSTEM.

FOUNDATION PLAN NOTES:

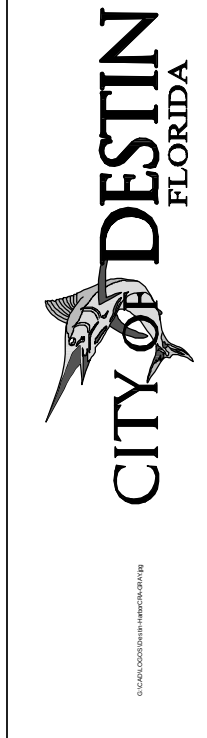
1. SEE SHEET S001 FOR GENERAL NOTES AND FOUNDATION DESIGN CRITERIA.
2. INTERIOR SLAB-ON-GRADE SHALL BE A MINIMUM OF 10-INCH CONCRETE WITH ONE LAYER OF #4 BARS @ 12" O/C, EACH WAY, MID-DEPTH OF SLAB, UNLESS NOTED OTHERWISE. SLAB-ON-GRADE SHALL BE CAST ON 6 MIL VAPOR BARRIER OVER COMPACTED FILL WITH TERMITE TREATMENT AS REQUIRED.
3. CJ - DENOTES CRACK CONTROL JOINTS. SEE DETAIL 2/S105.
4. EJ - DENOTES 1/2" EXPANSION JOINT WITH SEALANT.
5. W# - DENOTES FOOTING SIZES. SEE FOOTING SCHEDULE, THIS SHEET.
6. APPLY KOP-COAT COAL TAR EPOXY 300-M (TWO COATS, 9 MILS EACH) AROUND WALLS BELOW GRADE.
7. VESTIBULE, CORRIDOR, STORAGE, AND MECHANICAL FLOORS WILL HAVE NON SLIP BRUSH TREATMENT TO THE CONCRETE SURFACE. OTHER ROOMS WITH VCT SPECIFIED AS THE FLOORING TYPE WILL HAVE A NORMAL SMOOTH SURFACE.

FOOTING REINFORCEMENT SCHEDULE						
MARK	SIZE	THICKNESS	REINFORCEMENT FOR ONE FOOTING			
			NO.	SIZE	LENGTH	REMARKS
W36	3'-0" CONT.	10"	4	#5	CONT.	BOTTOM
				#4	2'-6"	12" O.C. BOTTOM
W60	5'-0" CONT.	10"	4	#5	CONT.	BOTTOM
				#4	2'-6"	12" O.C. BOTTOM



SCALE: 3/8" = 1'-0"

DRAFT 60% DESIGN DRAWINGS - NOT FOR CONSTRUCTION



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TETRA TECH
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DATE Jun 03, 2014

MARK	DATE	DESCRIPTION	BY

Client: City of Destin, FL
Proj. Loc: Destin, FL

CAPTAIN ROYAL MELVIN - HERITAGE PARK

FOUNDATION PLAN

Project No.: 200-08535-14002

Designed By: TV

Drawn By: JW

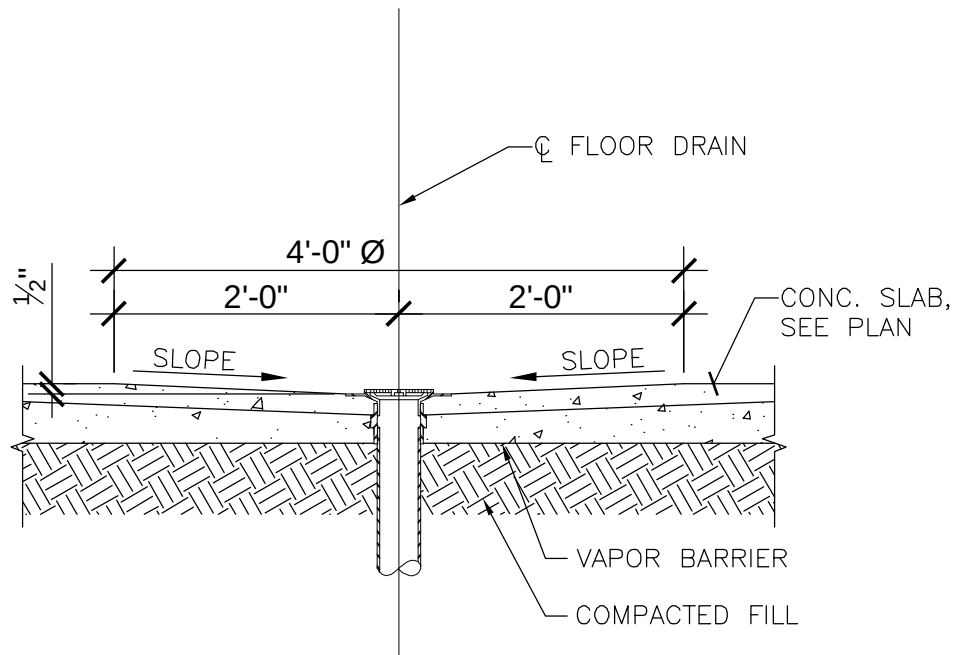
Checked By: MB

S101

[illegible]

Client: City of Destin, FL Proj. Loc.: Destin, FL	CAPTAIN ROYAL MELVIN - HERITAGE PARK		
WALL SECTIONS			
Project No.:	200-08535-14002		
Designed By:	TV		
Drawn By:	JW		
Checked By:	MB		

Tuesday, June 03, 2014 12:19:00 PM DRAWING: C:\User\timothy.vandervalken\Desktop\Offline\200-08535-14002 Heritage Park & Plaza Design\CA0\SheetFiles\S-100 Structural - DWG LAYOUT: S104 USER NAME: VANDERWALKER, TIMOTHY

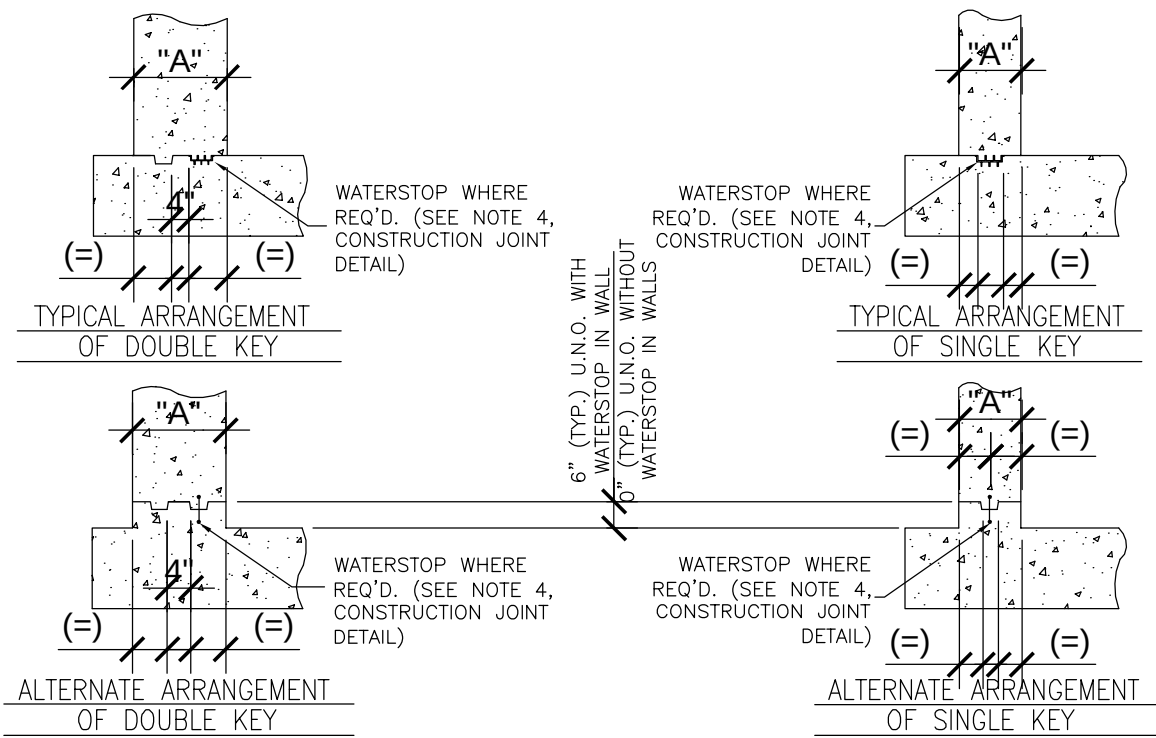


NOTE: SET DRAIN ELEVATION TO RECEIVE FLOOR FINISH. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF FLOOR DRAINS.

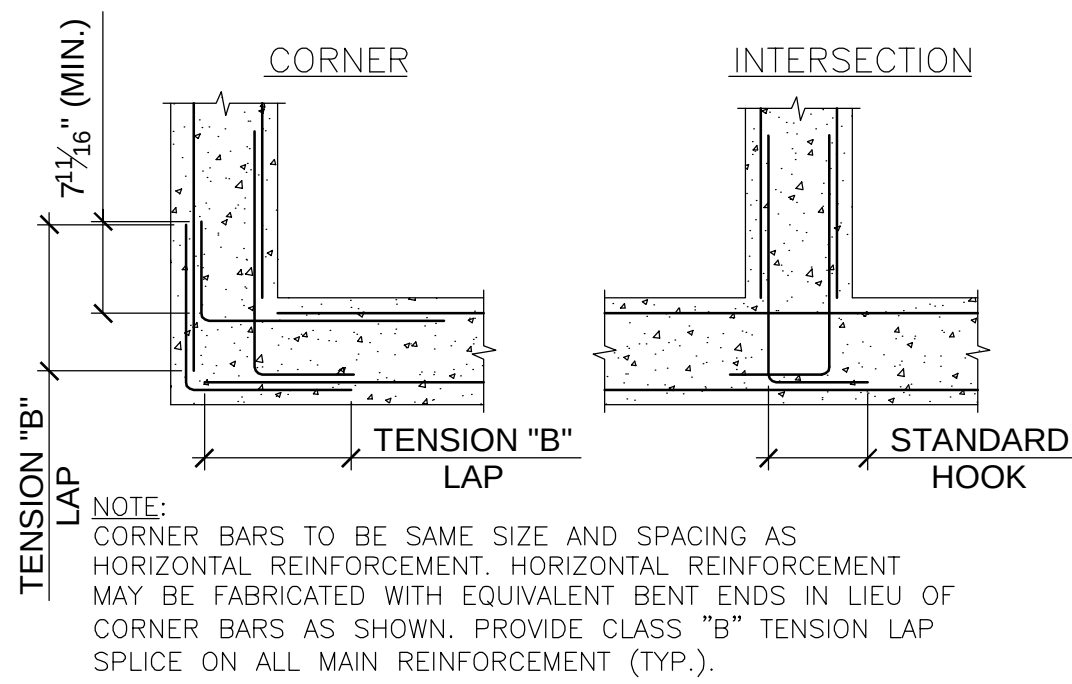
1 FLOOR DRAIN DETAIL
S104 3/4"=1'-0"
REF.: TYP.

TYPICAL KEY DIMENSIONS				
1/4" (TYP.)				
AT CONTRACTOR'S OPTION ON CONSTRUCTION JOINTS ONLY				
0" AT ALL EXPANSION AND CONTRACTION JOINTS				
"a" THICKNESS OF WALL OR SLAB	QTY.	KEY	"b" CONSTRUCTION & CONTROL JOINTS	"c" EXPANSION JOINTS
UP TO 8"	1		1/4"	2 1/2"
9" TO 12"	1		1/2"	2 1/2"
13" TO 18"	1		3/4"	2 1/2"
19" TO 24"	2		1"	2 1/2"

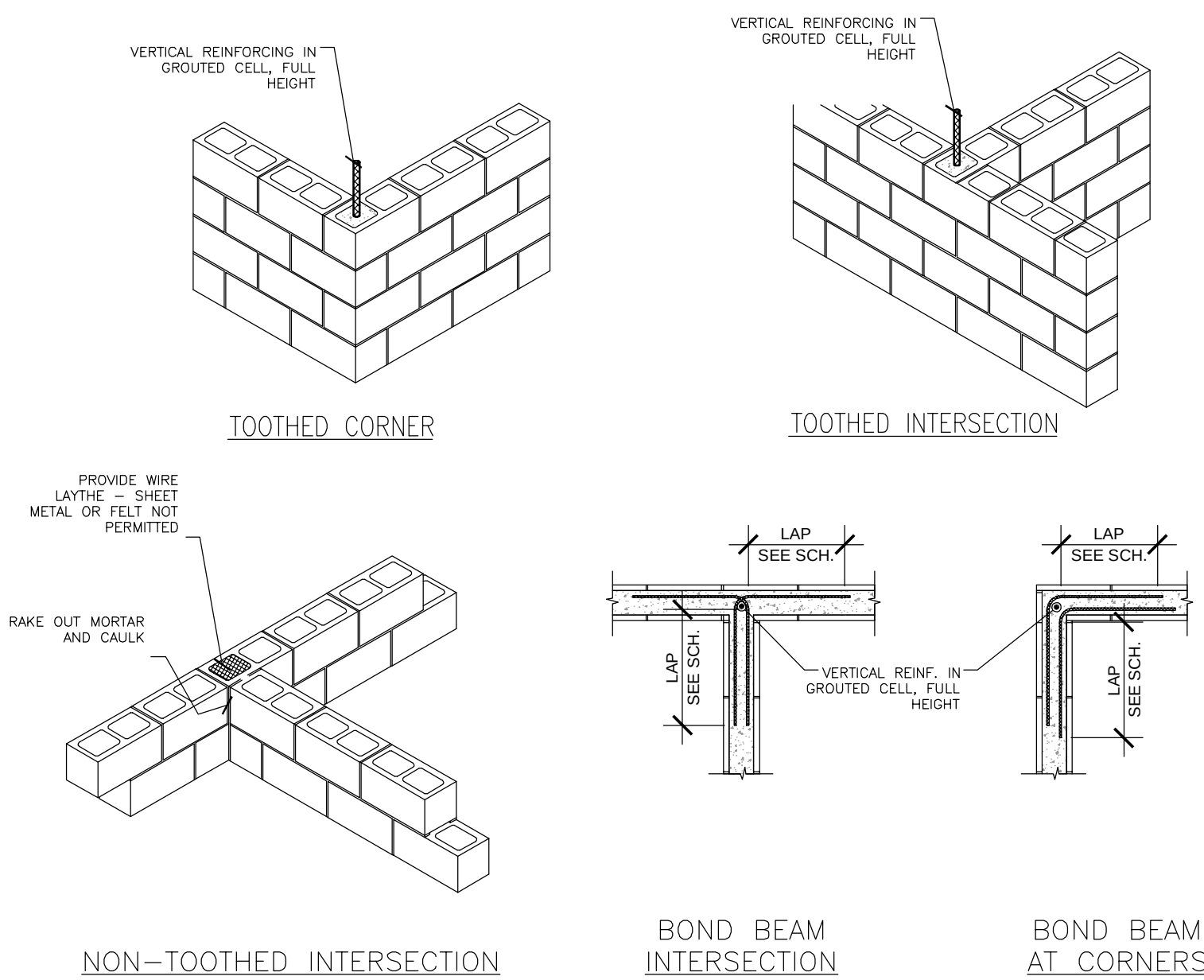
NOTE: NUMBER AND SIZE OF KEYS SHOWN APPLY TO JOINTS IN SLABS AND TO BOTH VERT. AND HORIZ. JOINTS IN WALLS.



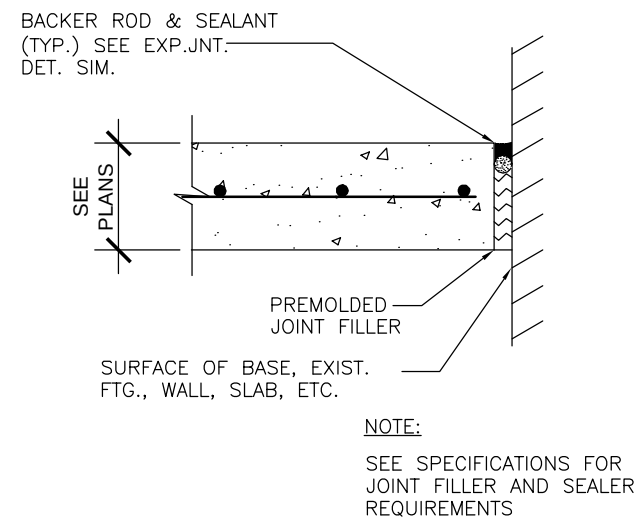
2 TYPICAL JOINT/WATERSTOP KEY DETAILS
S104 N.T.S.



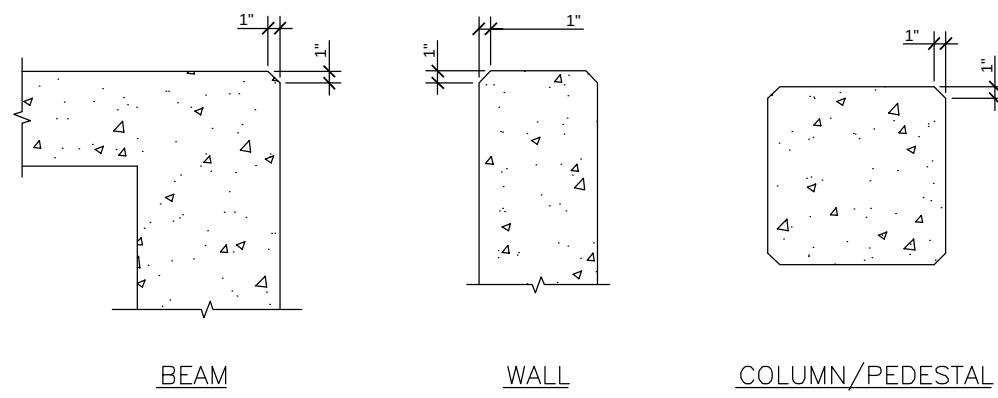
3 TYPICAL CORNER REINFORCEMENT DETAIL
S104 N.T.S.
REF.: TYP.



4 TYPICAL MASONRY INTERSECTIONS
S104 3/4"=1'-0"
REF.: TYP.



5 SLAB TO WALL ISOLATION JOINT
S104 N.T.S.
REF.: TYP.



6 TYPICAL CONCRETE CHAMFER
S104 3/4"=1'-0"
REF.: TYP.

DRAFT 60% DESIGN DRAWINGS - NOT FOR CONSTRUCTION

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Engineering Business No. 2429

Client: City of Destin, FL
Proj. Loc.: Destin, FL
CAPTAIN ROYAL MELVIN - HERITAGE PARK

Project No.: 200-08535-14002
Designed By: TV
Drawn By: JW
Checked By: MB

STRUCTURAL DETAILS

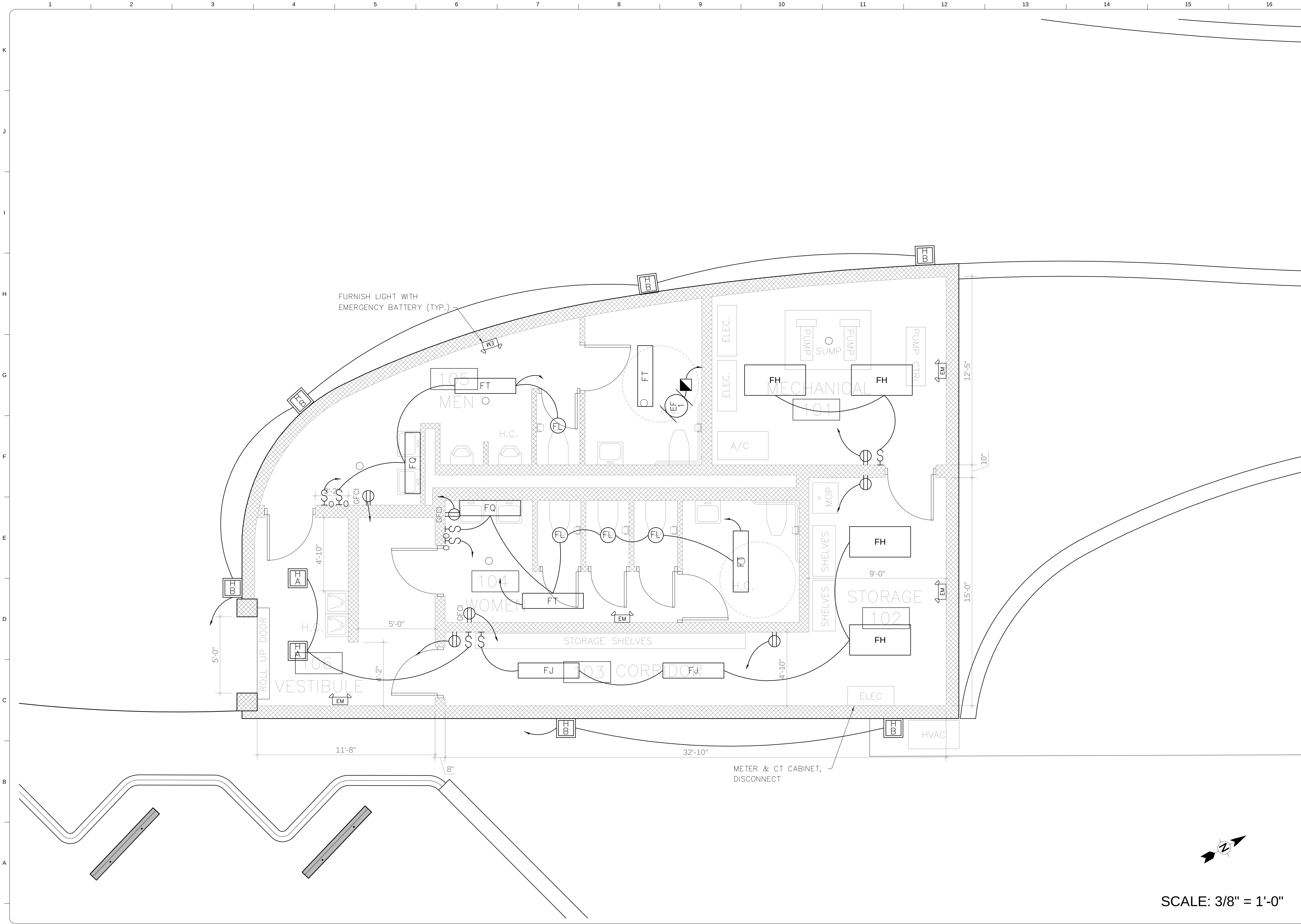
S104

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DATE
Jun 03, 2014

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SCALE: 3/8" = 1'-0"

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Client: City of Destin, FL
Proj. Loc.: Destin, FL

Project No.: 200-08535-14002
Designed By: TV
Drawn By: JW
Checked By: MB

E101

CAPTAIN ROYAL MELVIN - HERITAGE PARK

ELECTRICAL PLAN - BUILDING

BY

MARK

DATE

DESCRIPTION

TETRA TECH
201 E. Pine St #1000
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Engineering Business No. 2429

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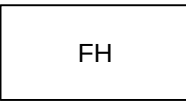
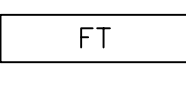
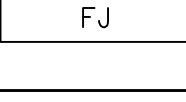
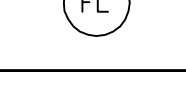
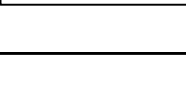
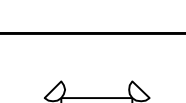
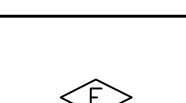
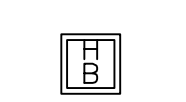
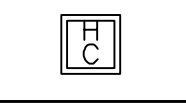
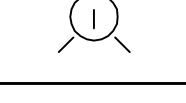
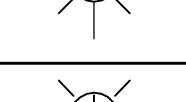
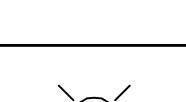
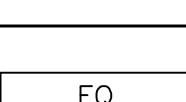
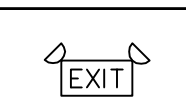
DATE

Jun 02, 2014

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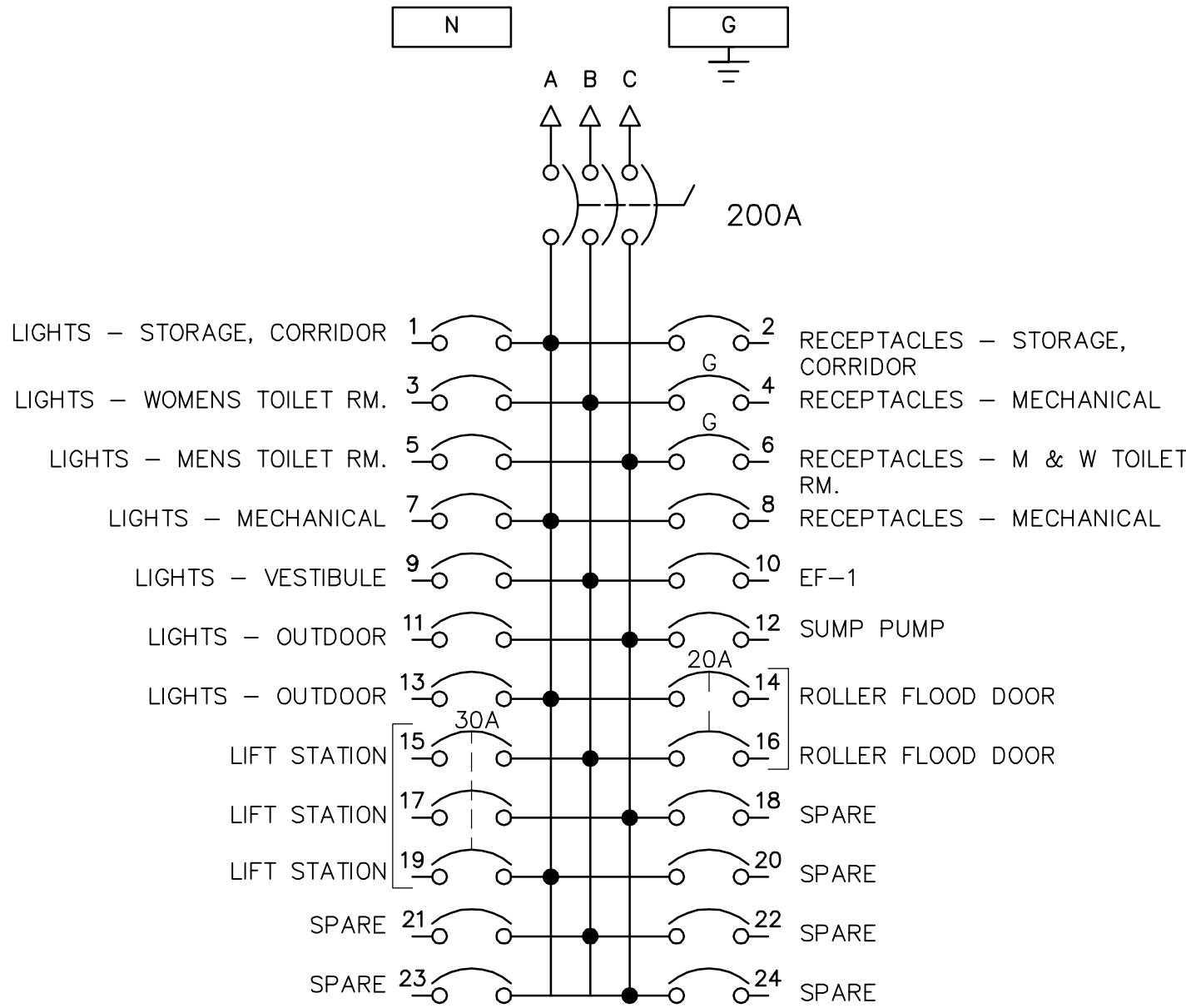
Tuesday, May 27, 2014 10:14:10 PM DRAWING: \\IERS\184F\51\Projects\2014\200-08535-14002 Heritage Park & Plaza Design\CAD\SheetFiles\E-100 Electrical DWG LAYOUT: E104 USER NAME: VANDERWALKER, TIMOTHY

- NOTES:
1. SEE SPECIFICATIONS FOR SPARE LIGHTING CIRCUITS REQUIRED FOR EACH PANEL.
 2. THE HEIGHT ABOVE FINISHED FLOOR FOR HUNG (NOT SURFACE MOUNTED) CEILING FIXTURES IS SHOWN ON THE FLOOR PLANS. THE HEIGHT GIVEN IS FOR THE CENTER LINE OF THE REFRACTOR, OR THE EDGE OF THE REFLECTOR FOR FIXTURES WITHOUT REFRACTORS.
 3. ALL BREAKERS TO BE IP-20A UNLESS OTHERWISE NOTED.
 4. "L" MEANS PROVIDE LOCKABLE BREAKER.
 5. "G" MEANS GROUND FAULT INTERRUPTER.

LUMINAIRE SCHEDULE							
SYMBOL	DESCRIPTION	MOUNTING	LAMPS			MANUFACTURERS (OR EQUAL)	
			NO.	WATTAGE	TYPE	NAME	MODEL OR SERIES
	COMMERCIAL 2' X 4' LUMINAIRE WITH ACRYLIC PRISMATIC LENS, WHITE ENAMEL STEEL SIDES AND END PLATES	SURFACE OR PENDANT	4	32	F32T8/SP35	COLUMBIA METALUX LITHONIA	PM24-432 SERIES 2M432 SERIES 2M-432 SERIES
	COMMERCIAL 1' X 4' LUMINAIRE WITH WHITE ENAMELED STEEL HOUSING, PRISMATIC ACRYLIC DIFFUSER.	SURFACE OR PENDANT	2	32	F32T8/SP35	COLUMBIA LITHONIA METALUX	SM 14-232 SERIES AW 232 SERIES MC 232A SERIES
	INDUSTRIAL 1' X 4' LUMINAIRE WITH WRAP AROUND PRISMATIC ACRYLIC LENS, ALUMINUM HOUSING, ENCLOSED AND GASKETED.	SURFACE	2	32	F32T8/SP35	COLUMBIA METALUX LITHONIA	LUN 4-232 SERIES AVT-232 SERIES DMW-232 SERIES
	COMMERCIAL 9" OR 10" ROUND LUMINAIRE WITH GLASS OR ACRYLIC OPAL DIFFUSER, BLACK OR WHITE ENAMEL FINISH, STEEL OR ALUMINUM HOUSING.	SURFACE	2	13	13TT	LITHONIA HALO PRESCOLITE	10972 13TT SERIES H2550 FL16 SERIES 8458 SERIES
	INDUSTRIAL 1' X 4' OPEN LUMINAIRE WITH UPLIGHT, STEEL HOUSING WITH BAKED WHITE ENAMEL FINISH.	SURFACE OR PENDANT	2	32	F32T8/SP35	COLUMBIA METALUX LITHONIA	IC 4-232 SERIES 1A 232 SERIES AF 232 SERIES
	2' BATHROOM MIRROR LUMINAIRE WITH DOWN LIGHT, PRISMATIC ACRYLIC LENS, STEEL HOUSING WITH WHITE ENAMEL FINISH.	WALL	2	17	F17T8	HUBBELL COLUMBIA INTEPRID LIGHTING	ML SERIES WAL SERIES BWL SERIES
	COMMERCIAL - WHITE THERMOPLASTIC HOUSING WITH WALL/CEILING MOUNTING KIT, WITH LEAD-CALCIUM BATTERY	WALL	2	7	HALOGEN/LED	DUAL-LITE CHLORIDE SYSTEMS LITHONIA	CVEC SERIES TMF SERIES INDURA SERIES
	COMMERCIAL - SINGLE FACED WITH RED LED STENCIL, WHITE DIECAST ALUMINUM HOUSING WITH UNIVERSAL WALL MOUNTING KIT	WALL	NA	2.8	LED	DUAL-LITE LITHONIA CORNERSTONE LIFE SAFETY	CV3 SERIES SIGNATURE LE SERIES NOVUS NV3
	COMMERCIAL 10" SQUARE LUMINAIRE W/ POLYCARBONATE OPAL DIFFUSER, BLACK OR WHITE ENAMEL FINISH, ALUMINUM HOUSING, FOR WET LOCATIONS	SURFACE	1	38	FC8T9	RUUD LIGHTING LITHONIA	SS0238-1FW SERIES 10996 SERIES
	INDUSTRIAL LUMINAIRE WITH CAST ALUMINUM HOUSING, GLASS PRISMATIC DIFFUSER, DARK BRONZE POLYESTER POWDER FINISH, FOR WET LOCATIONS	WALL	1	100	HPS	LITHONIA LIGHTING HOLOPHANE GENERAL ELECTRIC	TWH 100S SERIES WL2K 100HP SERIES WALLIGHTER W1LR 10S
	RUGGED, HEAVY GAUGE ALUMINUM HOUSING CONTINUOUS WELDED SEAMS DIFFUSER, DARK BRONZE POLYESTER POWDER FINISH, FOR WET LOCATIONS	RECESSED J-BOX	1	50	HPS	LITHONIA LIGHTING OR EQUAL	KPS SERIES OR EQUAL
	INDUSTRIAL HPS LUMINAIRE SUITABLE FOR WET LOCATIONS, WITH REFLECTOR AND PRISMATIC GLOBE LENS AND GUARD, ENCLOSED AND GASKETED.	45 OR 30 DEGREE STANTION	1	150	A-23	APPLETON CROUSE-HINDS	STYLEMASTER VAPORGUARD
	INDUSTRIAL HPS LUMINAIRE SUITABLE FOR WET LOCATIONS, WITH REFLECTOR AND PRISMATIC GLOBE LENS AND GUARD, ENCLOSED AND GASKETED.	15' POLE	1	150	A-23	APPLETON CROUSE-HINDS	STYLEMASTER VAPORGUARD
	RUGGED, ALUMINUM RECTILINEAR HOUSING DARK BRONZE FINISH WEATHER TIGHT SEAL ANODIZED ABD SEGMENTED REFLECTORS	15' POLE	1	400	MH	LITHONIA OR EQUAL	KSF2 SERIES
	ENCLOSED AND GASKETED LIGHTING FIXTURE, FIBERGLASS REINFORCED POLYESTER REFLECTORS	PENDANT	1	26	PLC	APPLETON OR EQUAL	VPWB1050F2612
	VANITY STYLE FIXTURE, INSTANT ON, ENERGY EFFICIENT ALL WHITE	SURFACE	2	17	T8	LITHONIA OR EQUAL	11931RE
	COMMERCIAL - WHITE THERMOPLASTIC HOUSING WITH WALL/CEILING MOUNTING KIT, WITH LEAD-CALCIUM BATTERY LONG-LIFE LEDs FEATURE	WALL	2	5.4	HALOGEN/LED	LITHONIA OR EQUAL	LHQM

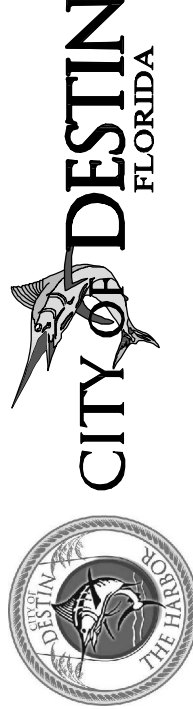
PANELBOARD LP-A

LOCATION: RESTROOM BUILDING
VOLTAGE: 208-120V, 3Ø
BUS RATING: 200A



DRAFT 60% DESIGN DRAWINGS - NOT FOR CONSTRUCTION

**TETRA TECH**
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Destin, FL 32541
Phone: 850.837.4242

**THE HARBOR CITY DISTRICT**
DATE May 27, 2014

Client: City of Destin, FL
Proj. Loc.: Destin, FL

CAPTAIN ROYAL MELVIN - HERITAGE PARK

ELECTRICAL DETAILS

Project No.: 200-08535-14002

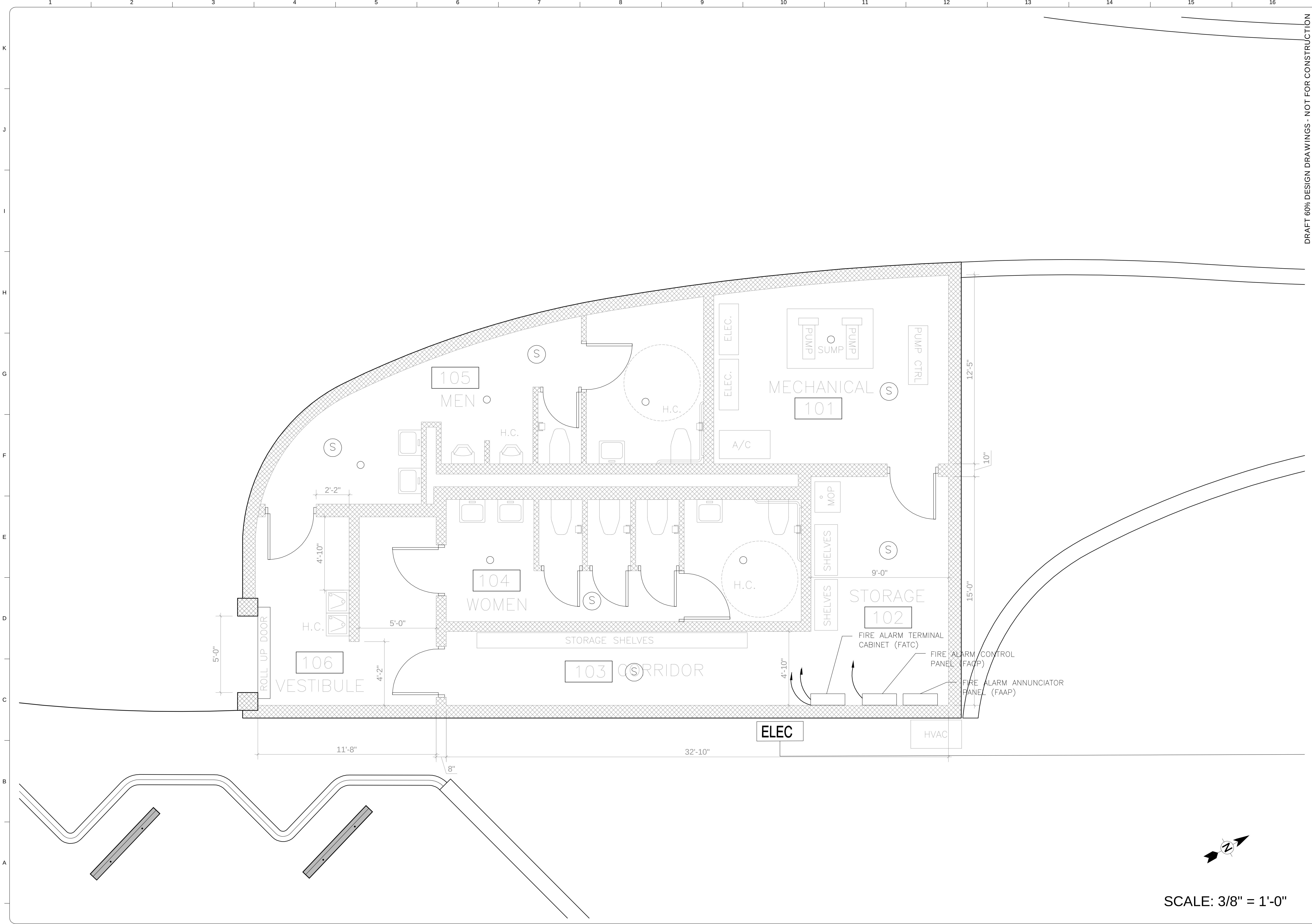
Designed By: TV

Drawn By: JW

Checked By: MB

E104

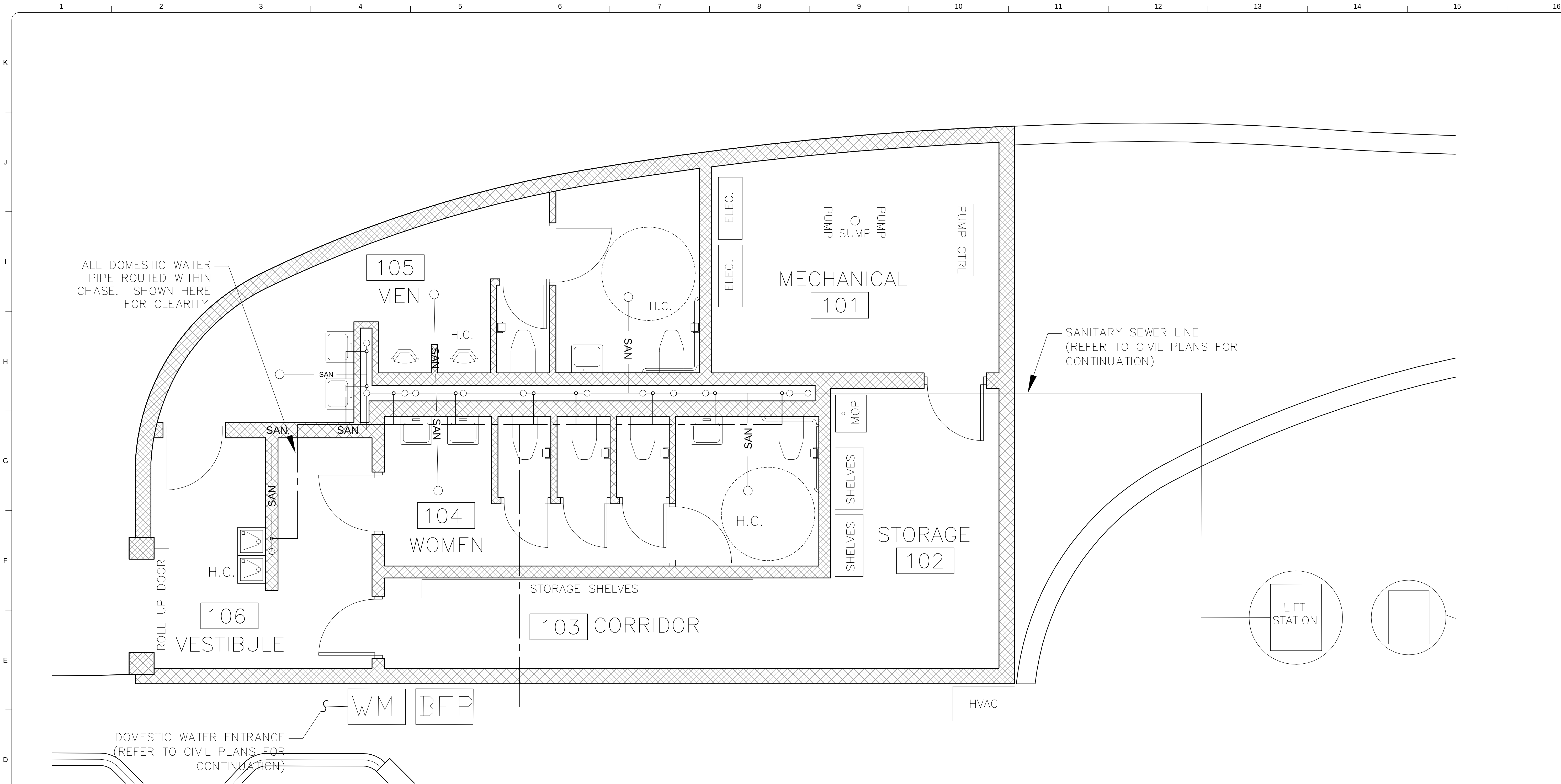
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DRAFT 60% DESIGN DRAWINGS - NOT FOR CONSTRUCTION

Client: City of Destin, FL Proj. Loc: Destin, FL	CAPTAIN ROYAL MELVIN - HERITAGE PARK	Project No.: 200-08535-14002 Designed By: TV Drawn By: JW Checked By: MB	E105	TETRA TECH 12825 Emerald Coast Pkwy., Suite 110 Destin, FL 32550 Phone: 850.837.9278 Fax: 850.837.7269 www.tetratech.com	CITY OF DESTIN FLORIDA www.cityofdestin.com 4200 Indian Bayou Tr. Destin, FL 32541 Phone: 850.837.4242	TETRA TECH 201 E. Phe St #1000 Orlando, Florida 32801 Engineering Business No. 2429	THE HARBOR C&A DISTRICT	www.cityofdestin.com 4200 Indian Bayou Tr. Destin, FL 32541 Phone: 850.837.4242	DATE Jun 02, 2014	BY	DESCRIPTION				MARK	DATE	BY

Friday, May 30, 2014 4:40:22 PM DRAWING: C:\Users\timothy.vanderwalker\Desktop\Offline\200-08535-14002 Heritage Park & Plaza Design\CAD\SheetFiles\100 Plumbing .DWG LAYOUT: P100 USER NAME: VANDERWALKER, TIMOTHY



PLUMBING FIXTURE SCHEDULE					
MARK	DESCRIPTION	CW	HW	WASTE	VENT
P1	WATER CLOSET, FLOOR MOUNTED, FLUSH VALVE.	1"	-	4"	2"
P2	WATER CLOSET, FLOOR MTD, FLUSH VALVE, H.C.	1"	-	4"	2"
P3	URINAL, H.C.	-	-	2"	1-1/2"
P4	LAVATORY TRIM, HC	1/2"	1/2"	1-1/2"	1-1/2"
P5	ELECTRIC WATER COOLER	1/2"	-	1-1/2"	1-1/2"
P6	MOP SINK	3/4"	3/4"	3"	1-1/2"
TP2	TRAP PRIMER - 2 OUTLET DISTRIBUTION	1/2"	-	-	-
TP4	TRAP PRIMER - 4 OUTLET DISTRIBUTION	1/2"	-	-	-
FD	FLOOR DRAIN	1/2"	-	3"	1-1/2"
FPH	FREEZE PROOF HYDRANT	3/4"	-	-	-

NOTES:
H.C. DENOTES HANDICAPPED.

PLUMBING SYMBOLS	
SYMBOL	DESCRIPTION
	VENT THROUGH ROOF
	SANITARY VENT
	COLD WATER
	HOT WATER
	SANITARY SEWER
	PLUMBING FIXTURE DESIGNATION
	FLOOR DRAIN WITH DESIGNATION, P-TRAP & TRAP PRIMER CONN.
	WALL CLEAN OUT
	TRAP PRIMER WITH DESIGNATION
	DOUBLE YARD CLEAN OUT
	FREEZE PROOF HYDRANT
	DOUBLE CHECK VALVE BACKFLOW PREVENTER

GENERAL PLUMBING NOTES:

- ALL EQUIPMENT AND PIPING SHALL BE INSTALLED IN COMPLIANCE WITH THE INTERNATIONAL PLUMBING CODE AND FLORIDA PLUMBING CODE.
- ALL INTERIOR FLOOR DRAINS AND OPEN RECEPTACLES WITH TRAPS SHALL BE PROTECTED BY A TRAP PRIMER (SEE SPECIFICATIONS AND PLANS FOR LOCATION AND TYPE.) PROVIDE 1/2" SLOPED LINE TO FLOOR DRAIN. SEE DETAIL SHEET.
- WATER LINES SHALL NOT BE ROUTED ABOVE ANY ELECTRICAL ROOM OR ELECTRICAL PANELS OR TELEPHONE ROOMS.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER CRAFTS TO MINIMIZE SPATIAL CONFLICTS.
- ALL PIPING ENTERING AND LEAVING STRUCTURES BELOW GRADE, THROUGH FOUNDATION, BELOW FOOTINGS OR FIRE WALLS SHALL BE SLEEVED AND PACKED AS REQUIRED BY LOCAL AUTHORITIES AND PER A UL RATED ASSEMBLY. ALL SLEEVES ARE NOT INDICATED ON DRAWINGS.
- INSTALL BOTTOM OF ALL EXTERIOR WALL HYDRANTS AT 24" ABOVE
- FINISH GRADE ELEVATION. PROVIDE ACCESS PANELS WITH SQUARE HINGED, LOCKING DOORS FOR ALL VALVES, SHOCK ABSORBERS AND TRAP PRIMERS CONCEALED. TILED WALLS SHALL BE 18-8 STAINLESS STEEL WITH NO. 4 SATIN FINISH SMITH #4762/4767 OR APPROVED EQUAL. GYPSUM BOARD OR BLOCK WALLS SHALL BE PRIMED AND PAINTED TO MATCH SMITH # 4760/4765 OR APPROVED EQUAL.
- OBTAIN ALL CENTERLINE DIMENSIONS FOR ROUGH-IN FROM ARCHITECTURAL DRAWINGS.
- CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS BEFORE CONSTRUCTION BEGINS, INCLUDING SEWER INV. ELEV. CONTACT ENGINEER SHOULD DISCREPANCIES OCCUR.

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TETRA TECH
201 E. Pine St #1000
Orlando, Florida 32801
Engineering Business No. 2429

DATE May 30, 2014

Client: City of Destin, FL
Proj. Loc.: Destin, FL
CAPTAIN ROYAL MELVIN - HERITAGE PARK

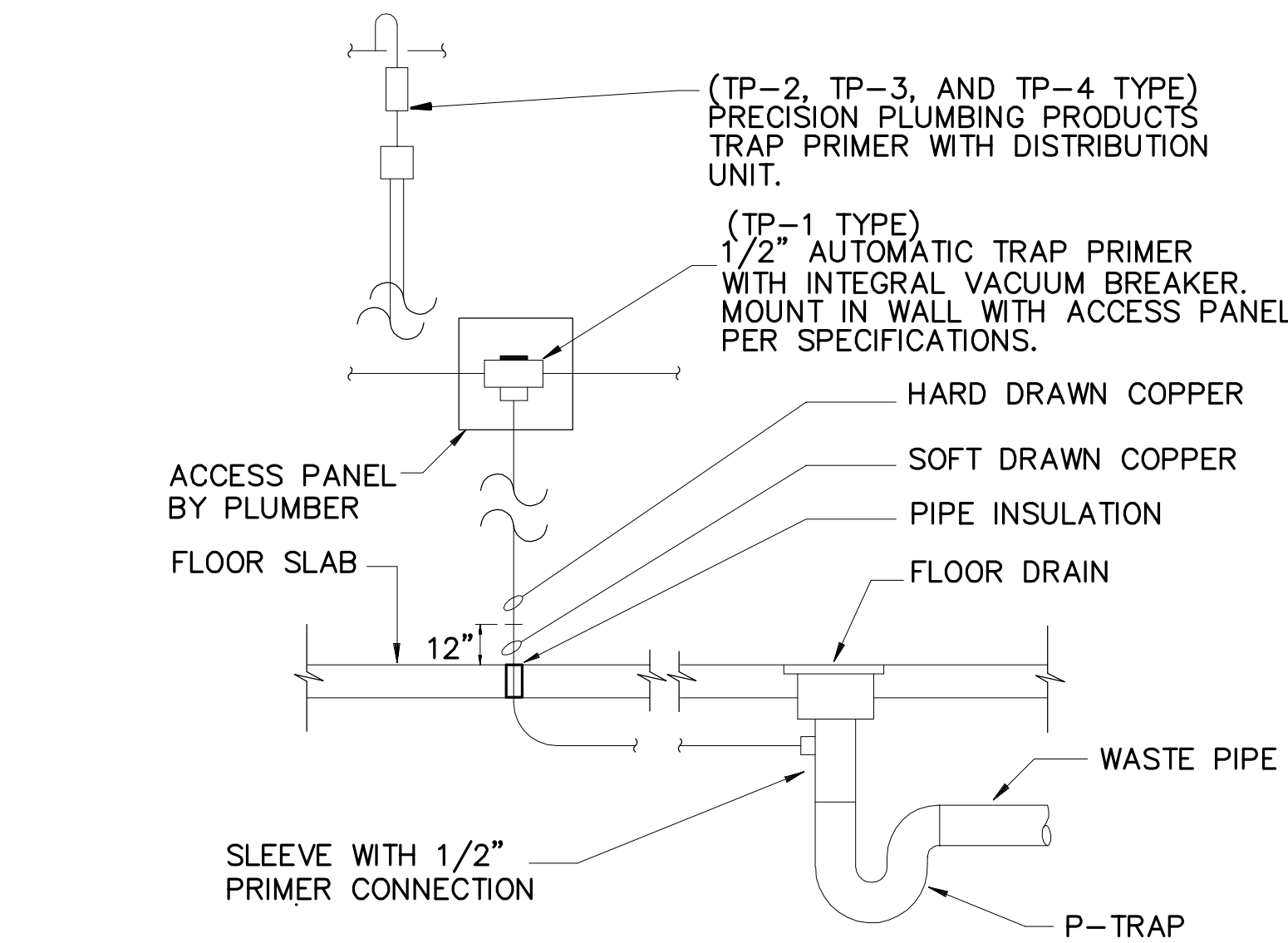
**PLUMBING PLAN, SYMBOLS
AND SCHEDULE**

Project No.: 200-08535-14002
Designed By: TV
Drawn By: JW
Checked By: MB

P100

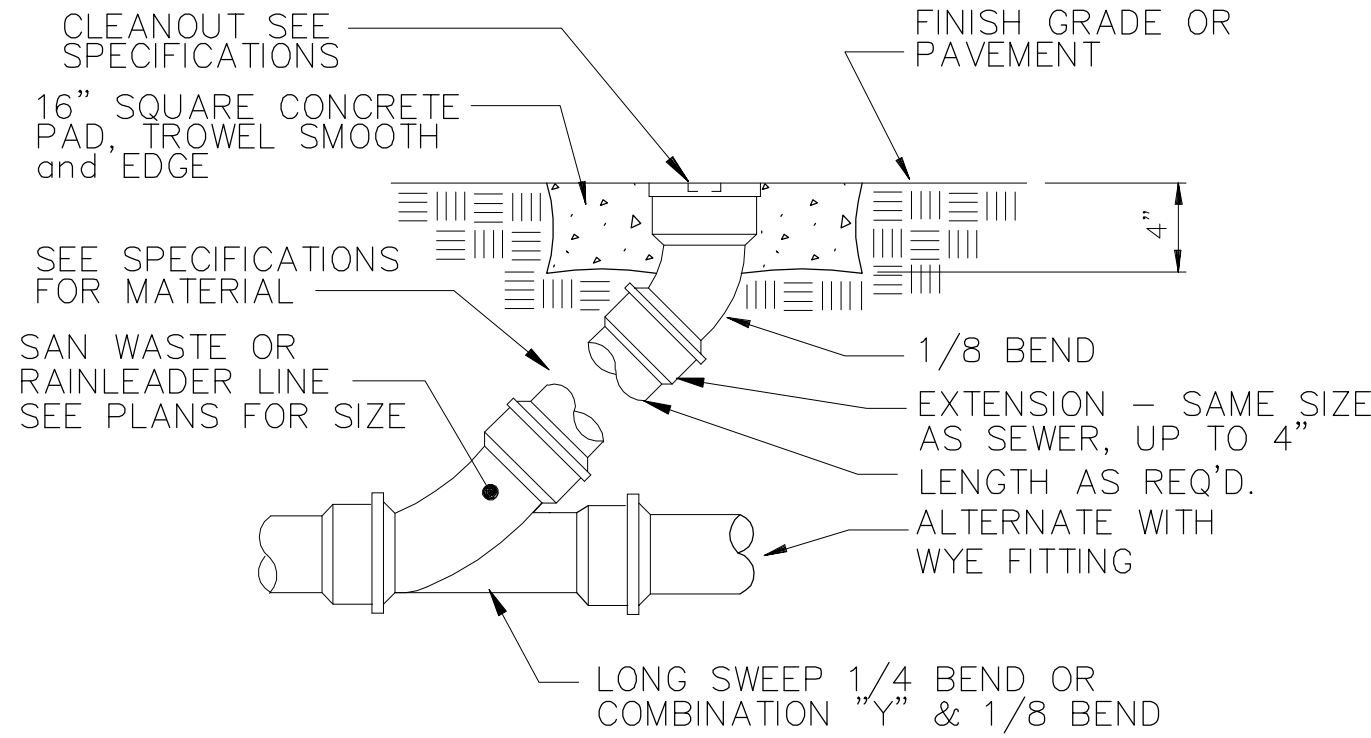
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Tuesday, May 27, 2014 11:06:54 PM DRAWING: \\IERS184F51\Projects\2014\200-08535-14002 Heritage Park & Plaza Design\CAD\SheetFiles\IP-100 Plumbing .DWG LAYOUT: P101 USER NAME: VANDERWALKER, TIMOTHY



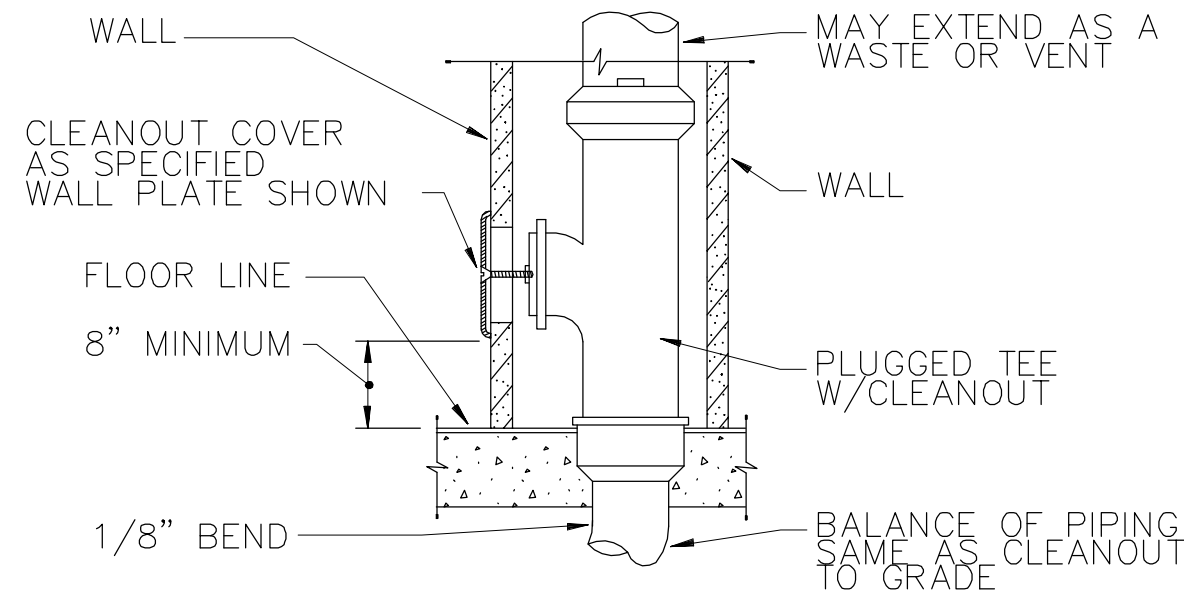
FLOOR DRAIN TRAP PRIMER DETAIL

SCALE: NONE



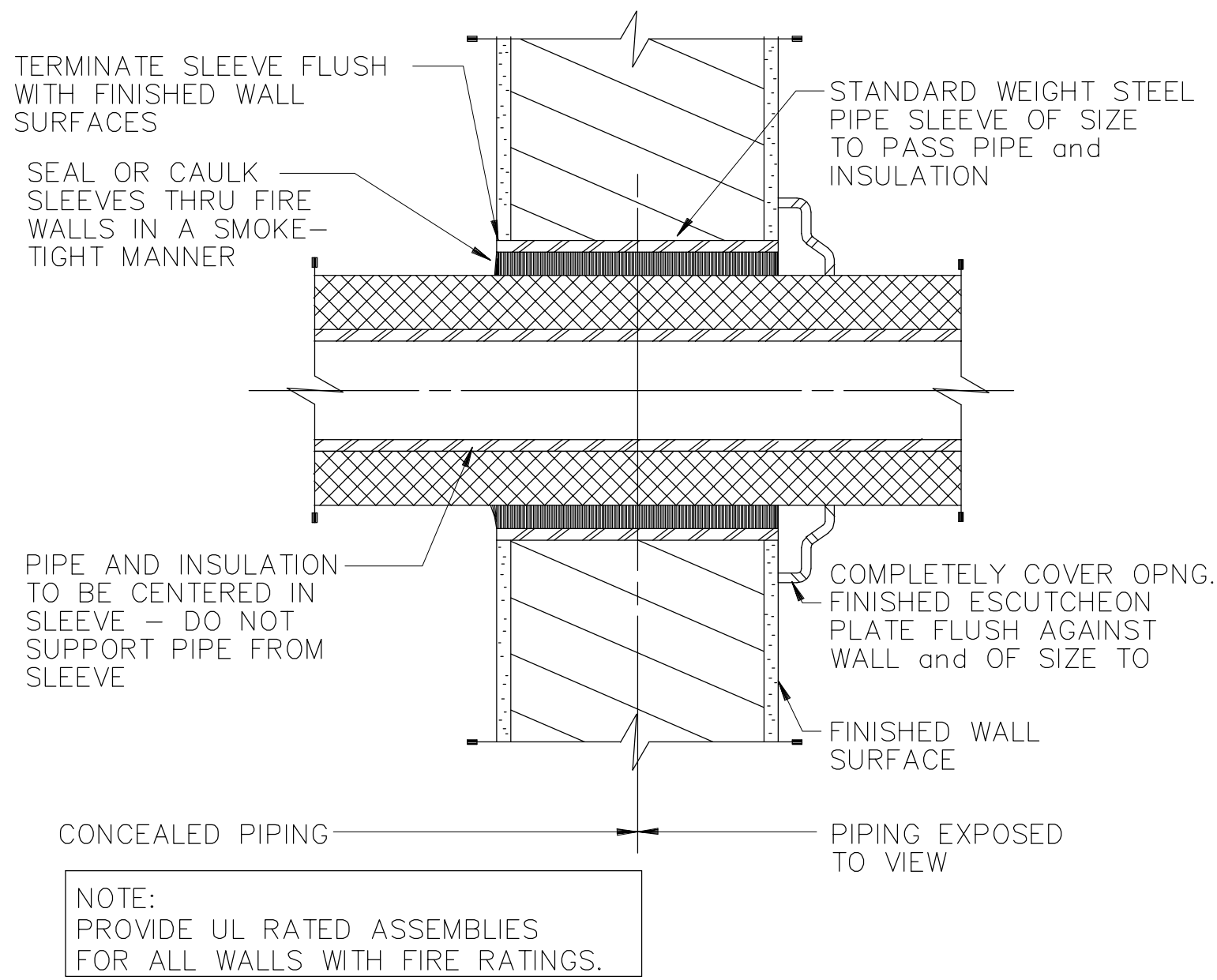
YARD CLEANOUT DETAIL

SCALE: NONE



WALL CLEANOUT DETAIL

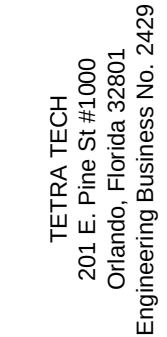
SCALE: NONE



PIPE SLEEVES THRU INTERIOR WALLS

SCALE: NONE

DRAFT 60% DESIGN DRAWINGS - NOT FOR CONSTRUCTION

 TETRA TECH	 CITY OF DESTIN FLORIDA	 TETRA TECH 201 E. Pine St #1000 Orlando, Florida 32801 Engineering Business No. 2429	BY	DESCRIPTION	DATE	MARK	Client: City of Destin, FL Proj. Loc.: Destin, FL	CAPTAIN ROYAL MELVIN - HERITAGE PARK	PLUMBING DETAILS	Project No.: 200-08535-14002
										Designed By: TV
								Drawn By: JW	Checked By: MB	
P101										

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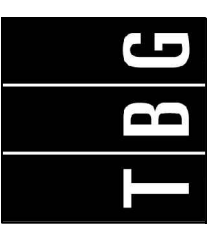
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MB

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LC 1.00	Client: City of Destin, FL Proj. Loc.: Destin, FL		Project No.: 200-08535-14002 Designed By: PW Drawn By: JL Checked By: PW	CAPTAIN ROYAL MELVIN - HERITAGE PARK OVERALL SITE PLAN						
	MARK	DATE		DESCRIPTION	BY	Paul Wiesberg Florida Registration 6866804 TBG Partners 200 S.W. First Avenue Suite 103 Fort Lauderdale, Florida 33301	 DATE			
								 CITY OF DESTIN FLORIDA	 TETRA TECH	www.letratech.com 12825 Emerald Coast Pkwy., Suite 110 Destin, FL 32550 Phone: 850.837.9278 Fax: 850.837.7269

TETRA TECH

TE

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www.tetratech.com

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Paul Weinberg
Florida Registration 6666604
TBG Partners
200 S.W. First Avenue
Suite 103
Fort Lauderdale, Florida 33301

DATE 

[illegible]

OVERALL SITE PLAN

Project No.:	200-08535-14002
Designed By:	PW
Drawn By:	JL
Checked By:	PW

LC	1.00
----	------

Wednesday, July 02, 2014 5:45:55 PM DRAWING: Z:\Heritage Park (FL\13981)\04.CDW\WorkFL13981 -title.dwg LAYOUT: MODEL USER NAME: NATHAN VANDEMAN

GENERAL NOTES:

1.) LOCATE AND VERIFY THE CONDITION OF EXISTING UTILITIES PRIOR TO EXCAVATION. TAKE RESPONSIBILITY OF CONTACTING LINE LOCATION SERVICES AND ANY COST INCURRED FOR BODILY INJURY AND / OR DAMAGE OF OWNER'S PROPERTY OR SAID UTILITIES.

2.) THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED BY THE CONTRACTOR OF ANY DISCREPANCIES DISCOVERED BETWEEN THE PLANS AND ACTUAL SITE CONDITIONS BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE LIABLE FOR ALL MODIFICATIONS AND DAMAGES IF WORK PROCEEDS WITHOUT THIS NOTIFICATION.

3.) THE CONTRACTOR IS RESPONSIBLE FOR ALL ASPECTS OF MAINTAINING A SAFE WORK SITE INCLUDING BUT, NOT LIMITED TO PROVIDING FOR TRAFFIC CONTROL, INSTALLATION AND PLACEMENT OF FENCING AND BARRICADES, EXCAVATION AND TRENCH PROTECTION, AND COMPLIANCE WITH ALL FEDERAL AND LOCAL REGULATIONS AND CODES. ALL SAFETY EXPOSURES OR VIOLATIONS SHALL BE RECTIFIED IMMEDIATELY.

4.) THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL EXISTING IMPROVEMENTS BOTH ON SITE AND ADJACENT TO THE WORK SITE AND SHALL REPAIR ANY DAMAGE TO THESE IMPROVEMENTS TO THE SATISFACTION OF THE OWNER.

5.) THE CONTRACTOR SHALL NOTIFY OWNER AND LANDSCAPE ARCHITECT 72 HOURS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT INSPECTION SCHEDULES.

6.) ANY ALTERNATES AND OR SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL. CHANGES TO THE SCOPE OF WORK AND / OR CONTRACT DOCUMENTS RESULTING FROM THE ACCEPTANCE OF THE CONTRACTOR'S ALTERNATES AND / OR SUBSTITUTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

7.) THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF TRASH ON A DAILY BASIS.

8.) THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. PRIOR TO CONSTRUCTION, ALL PERMITS AND APPROVALS REQUIRED FOR CONSTRUCTION OF THE PROJECT SHALL BE PAID FOR AND OBTAINED BY THE CONTRACTOR.

9.) COORDINATE WORK WITH SUBCONTRACTORS TO ACCOMPLISH THE SCOPE OF WORK AS SHOWN AND NOTED IN THE CONTRACT DOCUMENTS AS WELL AS, COORDINATE CONSTRUCTION WITH OTHER CONTRACTORS WORKING ON THE SITE.

10.) THE CONTRACTOR SHALL COORDINATE THE STORING OF MATERIALS, PARKING OF VEHICLES, AND RESTRICTIONS OF WORK AND ACCESS WITH THE OWNER. UNDER NO CIRCUMSTANCES SHALL ANY CONTRACTOR STORE MATERIALS, PARK VEHICLES OR EQUIPMENT UNDER THE CANOPY OF EXISTING TREES.

11.) UNLESS SPECIFIED OTHERWISE, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND PAYING ALL TEMPORARY UTILITIES AND SERVICES NECESSARY TO COMPLETELY INSTALL ALL WORK AS SHOWN AND NOTED IN THE CONTRACT DOCUMENTS.

12.) THE CONTRACTOR IS RESPONSIBLE FOR THE LEGAL OFF-SITE DISPOSAL OF SURPLUS MATERIAL AND DEBRIS.

13.) UPON COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL APPROVAL, THE CONTRACTOR SHALL THOROUGHLY CLEAN THE PROJECT SITE OF ALL TRASH, REPAIR ALL DAMAGE TO FINISH GRADE, INCLUDING TAILINGS FROM EXCAVATIONS, WHEEL RUTS AND ANY SETTLING OR EROSION THAT HAS OCCURED PRIOR TO COMPLETION. ALL AREAS OF THE PROJECT SITE SHALL BE LEFT IN A NEAT AND PRESENTABLE CONDITION SATISFACTORY TO THE OWNER PRIOR TO SUBMITTAL OF THE FINAL PAYMENT.

MATERIALS SCHEDULE

HARDSCAPE					
KEY	DESCRIPTION /MODEL NUMBER	COLOR	FINISH	CONTACT	REMARKS
	PAVING TYPE 1 - CONCRETE	NATURAL GRAY	BROOM FINISH PERPENDICULAR TO WALK WAY. SAW CUT JOINTS @ 3'-3" PATTERN PER PLAN	LM SCOFIELD OR APPROVED EQUAL	PROVIDE 4'X4' MOCK UP. INCLUDE PROPER SUBBASE AND REBAR WITHIN DRIVEWAY FOR VEHICULAR TRAFFIC. SLAB TO BE 8" MIN.
	PAVING TYPE 2 - CONCRETE	FRENCH GRAY	ROCK SALT FINISH WITH SAW CUT JOINTS @ 10' PATTERN.	LM SCOFIELD OR APPROVED EQUAL	PROVIDE 4'X4' MOCK UP. INCLUDE PROPER SUBBASE AND REBAR WITHIN DRIVEWAY FOR VEHICULAR TRAFFIC. SLAB TO BE 8" MIN.
	PAVING TYPE 3 - CONCRETE	AUTUMN BEIGE	EXPOSED SHELL AGGREGATE WITH SAW CUT JOINTS @10' PATTERN	LM SCOFIELD OR APPROVED EQUAL	PROVIDE 4'X4' MOCK UP TO INDICATE ALL FINISH. SLABS TO BE POURED IN ALTERNATE PATTERNS TO CREATE MODELED OR NATURAL LOOK. INCLUDE PROPER SUBBASE AND REBAR WITHIN DRIVEWAY FOR VEHICULAR TRAFFIC. SLAB TO BE 8" MIN.
	BOARDWALK DECKING	MATCH EXISTING BOARDWALK DECKING	FORM FINISH	TBD	UTILIZE HIDDEN FASTENERS FOR DECK. CONTRACTOR TO COORDINATE STRUCTURE WITH DOCK CONSULTANT/ PERMIT. COORDINATE PILE SPACING AND LAYOUT.

WALLS

KEY	DESCRIPTION/MODEL NUMBER	COLOR	FINISH	CONTACT	REMARKS
	WALL TYPE 1 - RETAINING WALL	NATURAL	FORM FINISH	N/A	N/A
	WALL TYPE 2 - SEAT WALL	NATURAL	FORM FINISH	N/A	N/A
	WALL TYPE 3 - FREE STANDING SIGNAGE WALL	NATURAL	FORM FINISH	N/A	N/A
	WALL TYPE 4 - RETAINING	MATCH BUILDING EXT. WALLS. SEE ARCHITECTURE DRAWINGS A100-A106	FORM FINISH	N/A	N/A

PLAY

KEY	DESCRIPTION/MODEL NUMBER	COLOR	FINISH	CONTACT	REMARKS
	HALF ROUND EMBANKMENT SLIDE	STAINLESS STEEL	TBD	MASSEY AND HARRIS	SET AND PARTIALLY BURY IN EARTHEN MOUND. PRODUCT CODE:MHSLHRE
	UNDERGROUND PLAY TUNNEL	NATURAL	N/A	FAHR INDUSTRIES LTD	CUSTOM SHAPED DESIGN
	10'X10' KIDS CLIMBING NET	NATURAL	N/A	MEMPHIS NET AND TWINE CO.	PRODUCT CODE: KC12

FURNITURE

KEY	DESCRIPTION/MODEL NUMBER	COLOR	FINISH	CONTACT	REMARKS
	BENCH TYPE 1 - LAKE SIDE	TO MATCH EXISTING SITE FURNITURE ON DESTIN HARBORWALK	POWDER COAT FINISH TO MATCH EXISTING SITE FURNITURE	LANDSCAPE FORMS	N/A
	BENCH TYPE 2 - WALL MOUNTED	TO MATCH EXISTING SITE FURNITURE	POWDER COAT FINISH TO MATCH EXISTING SITE FURNITURE	LANDSCAPE FORMS	CUSTOM BENCH BY LANDSCAPE FORMS STUDIO 481
	TABLE AND CHAIRS - PARC CENTRE	TO MATCH EXISTING SITE FURNITURE	POWDER COAT FINISH TO MATCH EXISTING SITE FURNITURE	LANDSCAPE FORMS	N/A
	TRASH RECEPTACLE - LAKE SIDE	TO MATCH EXISTING SITE FURNITURE	POWDER COAT FINISH TO MATCH EXISTING SITE FURNITURE	LANDSCAPE FORMS	N/A

LIGHTING

KEY	DESCRIPTION/MODEL NUMBER	COLOR	FINISH	CONTACT	REMARKS
	POLE MOUNTED UPLIGHT - NANO PYROS LED MOUNTED	NATURAL PAINTED ALUMINUM GREY	POWDER COAT FINISH	TARGETTI	FOR MOUNTING-BRACKET WITH MOUNTING PLATE FOR FIXING DIRECTLY TO HARD SURFACE OF POLE. FEED CABLE TO BE WIRED DOWN MIDDLE OF POLE.
	IN-GRADE WALL UPLIGHT - COOL LENS WELL LIGHT	TBD	TBD	KIM LIGHTING	N/A
	PEDESTRIAN LEVEL LIGHT - LIGHT COLUMN PEDESTRIAN	STAINLESS STEAL	SATIN	FORMS AND SURFACES	N/A
	BULLET UPLIGHT - NANO PYROS LED	TBD	TBD	TARGETTI	N/A
	STEP LIGHT - RECESSED WALL LUMINAIRE	TBD	TBD	BEGA	N/A

ROCK

KEY	DESCRIPTION /MODEL NUMBER	COLOR	FINISH	CONTACT	REMARKS
	NATIVE ROCK BOULDER	NATURAL LIMESTONE	SPLIT FACE FINISH - SIZE OF BOULDER 18"x12"x12" - 48"x36"x18" (3 SIZES)	N/A	NATURAL ROCK FORMATION TO BE FIELD ADJUSTED
	NATIVE ROCK SLAB	NATURAL LIMESTONE	SPLIT FACE SIDES AND SAW CUT TOP 36"x6"x18 - 48"x10"x24	N/A	NATURAL ROCK LAYOUT TO BE FIELD ADJUSTED

STRUCTURE

	SHADE STRUCTURE	TBD	N/A	SUNPORTS	CUSTOM STRUCTURE AND SHADE PANELS BY MANUFACTURER DESIGN TO BE APPROVED BY OWNER.
	NET ARTWORK	TBD		JANET ECHELMAN OR APPROVED EQUAL	CUSTOM ARTWORK AMORPHIC SHAPE ROUGHLY 30'X36'X8' HT. SUSPENDED AT 10' MINIMUM HEIGHT. CONTRACTOR TO SOLICIT PROPOSALS FOR APPROVAL BY OWNER.

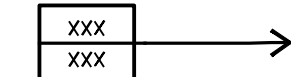
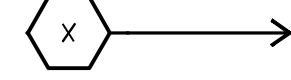
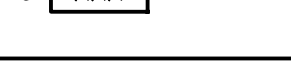
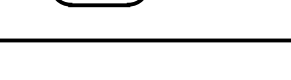
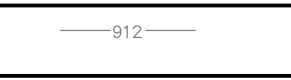
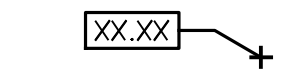
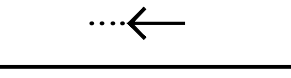
MISCELLANEOUS

KEY	DESCRIPTION/MODEL NUMBER	COLOR	FINISH	CONTACT	REMARKS
	CONCRETE SCULPTURE PEDESTAL	NATURAL GRAY	FORM FINISH	N/A	N/A
	SYNTHETIC TURF	TBD	TBD	TBD	N/A
	FOUNTAIN POP-JET	N/A	TBD	DELTA FOUNTAINS	N/A
	CAST IN PLACE CONCRETE STAIRS	NATURAL GRAY	FORM FINISH	N/A	N/A
	DECORATIVE METAL HANDRAIL	NATURAL	POWDER COAT OR TENEMIC HI PERFORMANCE FINISH	N/A	N/A
	STAMPED DIRECTIONAL LETTERS	N/A	N/A	N/A	1/4" DEPRESSED SHAPE IN PAVING TYPE 3

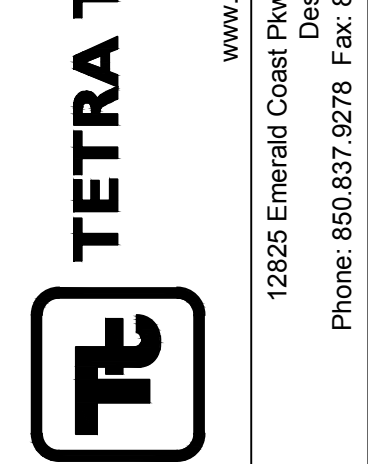
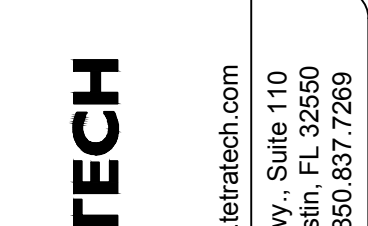
GENERAL LEGEND

ABBREVIATIONS	
SYMBOL	DESCRIPTION
B.C.	BOTTOM OF CURB
B.P.	BOTTOM OF PIPE
B.O.C.	BACK OF CURB
L.O.C.	LIMIT OF CONSTRUCTION
B.W.	BOTTOM OF WALL
C.L.	CENTERLINE
E.J.	EXPANSION JOINT
H.P.	HIGH POINT
E.O.P.	EDGE OF PAVEMENT
N.I.C.	NOT IN CONTRACT
O.C.	ON CENTER
O.C.E.W.	ON CENTER EACH WAY
P.A.	PLANTING AREA
ESMT.	EASEMENT
P.O.B.	POINT OF BEGINNING
P.O.T.	POINT OF TANGENCY
R.O.W.	RIGHT OF WAY
T.D.	TOP OF AREA DRAIN
F.H.	FIRE HYDRANT
T.C.	TOP OF CURB
T.F.	TOP OF FOUNDATION
SS	SANITARY SEWER LINE
T.W.	TOP OF WALL
W.D.	WATER DEPTH
W.L.	WATER LEVEL
U.N.O.	UNLESS NOTED OTHERWISE
PC	POOL COPING
THW	TOP OF HEADWALL
SG	SUBGRADE

SYMBOLS AND LINETYPES

SYMBOL	DESCRIPTION
	DETAIL REFERENCE
	MATERIALS & FINISHES SYMBOL
	SECTION SYMBOl
	TREE LABEL
	SHRUB AND ORNAMENTAL GRASSES LABEL
	GROUNDCOVER LABEL
	PERENNIAL LABEL
	EXISTING TOPOGRAPHY
	PROPOSED TOPOGRAPHY
	PROPOSED SPOT GRADES
	JUNCTION BOX
	ELECTRICAL METER
	HOME RUN
	ENLARGEMENT AREA WITH REFERENCE
	PERFORATED DRAINAGE PIPE
	SOLID DRAINAGE PIPE
	WATER FLOW OR SWALE DIRECTION

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Suite 103
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4200 Indian Bayou Tr.
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Phone: 850.837.7289

Client: City of Destin, FL
Proj. Loc.: Destin, FL

CAPTAIN ROYAL MELVIN - HERITAGE PARK
MATERIALS AND
GENERAL NOTES

Project No.: 200-08535-14002
Designed By: PW
Drawn By: JL
Checked By: PW

LC 2.01

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12825 Emerald Coast Pkwy, Suite 110
Destin, FL 32550
Phone: 850.837.9278 Fax: 850.837.7289

THE HARBOR CRA DISTRICT
4200 Indian Bayou Tr.
Destin, FL 32541
Phone: 850.837.7289

DATE

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Wednesday, July 02, 2014 5:45:55 PM DRAWING: Z:\Heritage Park (FL\13981)\04 CD\Work\FL13981 -title.dwg LAYOUT: MODEL USER NAME: NATHAN VANDEMAN

FURNITURE	
KEY	DESCRIPTION/MODEL NUMBER
	BENCH TYPE 1 - LAKE SIDE
	BENCH TYPE 2 - WALL MOUNTED
	TABLE AND CHAIRS - PARC CENTRE
	TRASH RECEPTACLE - LAKE SIDE

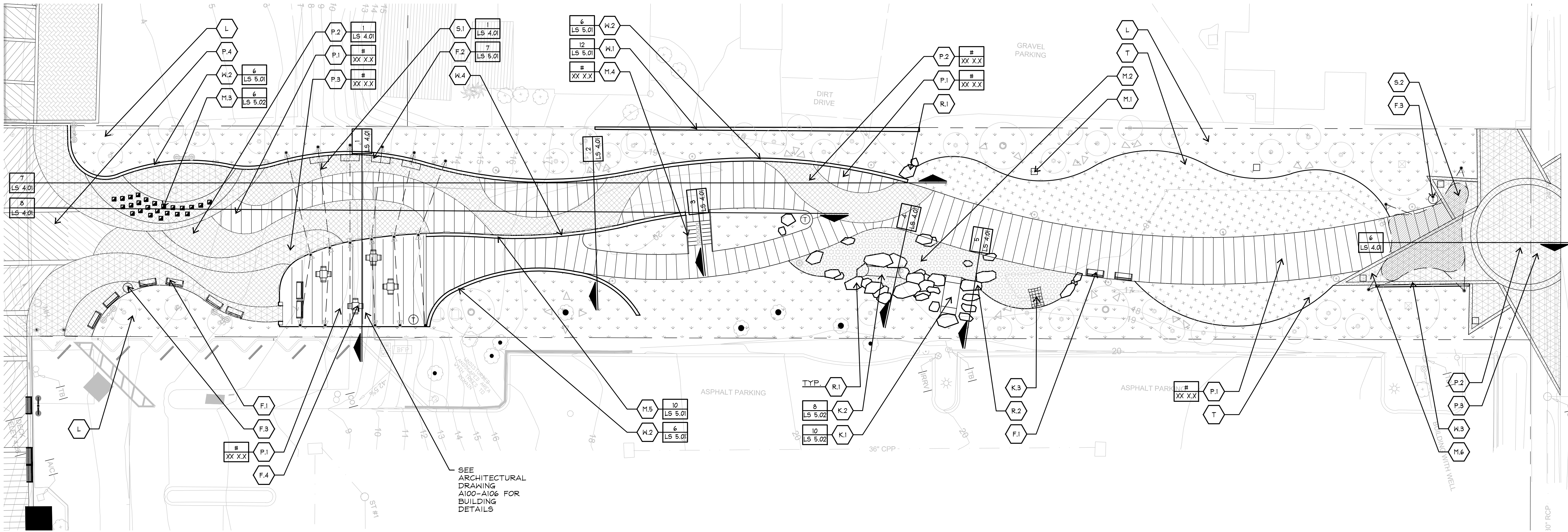
ROCK	
KEY	DESCRIPTION /MODEL NUMBER
	NATIVE ROCK BOULDER
	NATIVE ROCK SLAB
STRUCTURE	
	SHADE STRUCTURE
	NET ARTWORK

HARDSCAPE			
KEY	DESCRIPTION /MODEL NUMBER	COLOR	FINISH
	PAVING TYPE 1 - CONCRETE	NATURAL GRAY	BROOM FINISH PERPENDICULAR TO WALK WAY. SAW CUT JOINTS @ 3'-3" PATTERN PER PLAN
	PAVING TYPE 2 - CONCRETE	FRENCH GRAY	ROCK SALT FINISH WITH SAW CUT JOINTS @ 10' PATTERN.
	PAVING TYPE 3 - CONCRETE	AUTUMN BEIGE	EXPOSED SHELL AGGREGATE WITH SAW CUT JOINTS @10' PATTERN
	BOARDWALK DECKING	MATCH EXISTING BOARDWALK DECKING	FORM FINISH

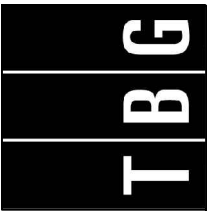
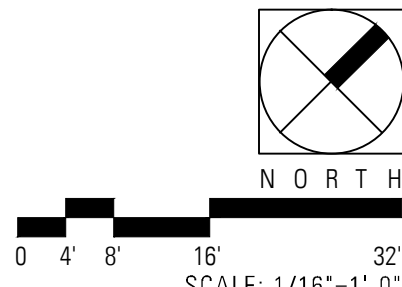
MISCELLANEOUS	
KEY	DESCRIPTION/MODEL NUMBER
	CONCRETE SCULPTURE PEDESTAL
	SYNTHETIC TURF
	FOUNTAIN POP-JET
	CAST IN PLACE CONCRETE STAIRS
	DECORATIVE METAL HANDRAIL
	STAMPED DIRECTIONAL LETTERS

WALLS	
KEY	DESCRIPTION/MODEL NUMBER
	WALL TYPE 1 - RETAINING WALL
	WALL TYPE 2 - SEAT WALL
	WALL TYPE 3 - FREE STANDING SIGNAGE WALL
	WALL TYPE 4 - RETAINING
PLAY	
KEY	DESCRIPTION/MODEL NUMBER
	HALF ROUND EMBANKMENT SLIDE
	UNDERGROUND PLAY TUNNEL
	10'x10' KIDS CLIMBING NET

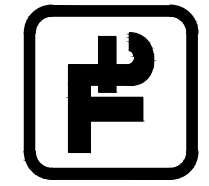
NOTE: SEE SHEET LC 2.01 FOR COMPLETE MATERIAL SPECIFICATION



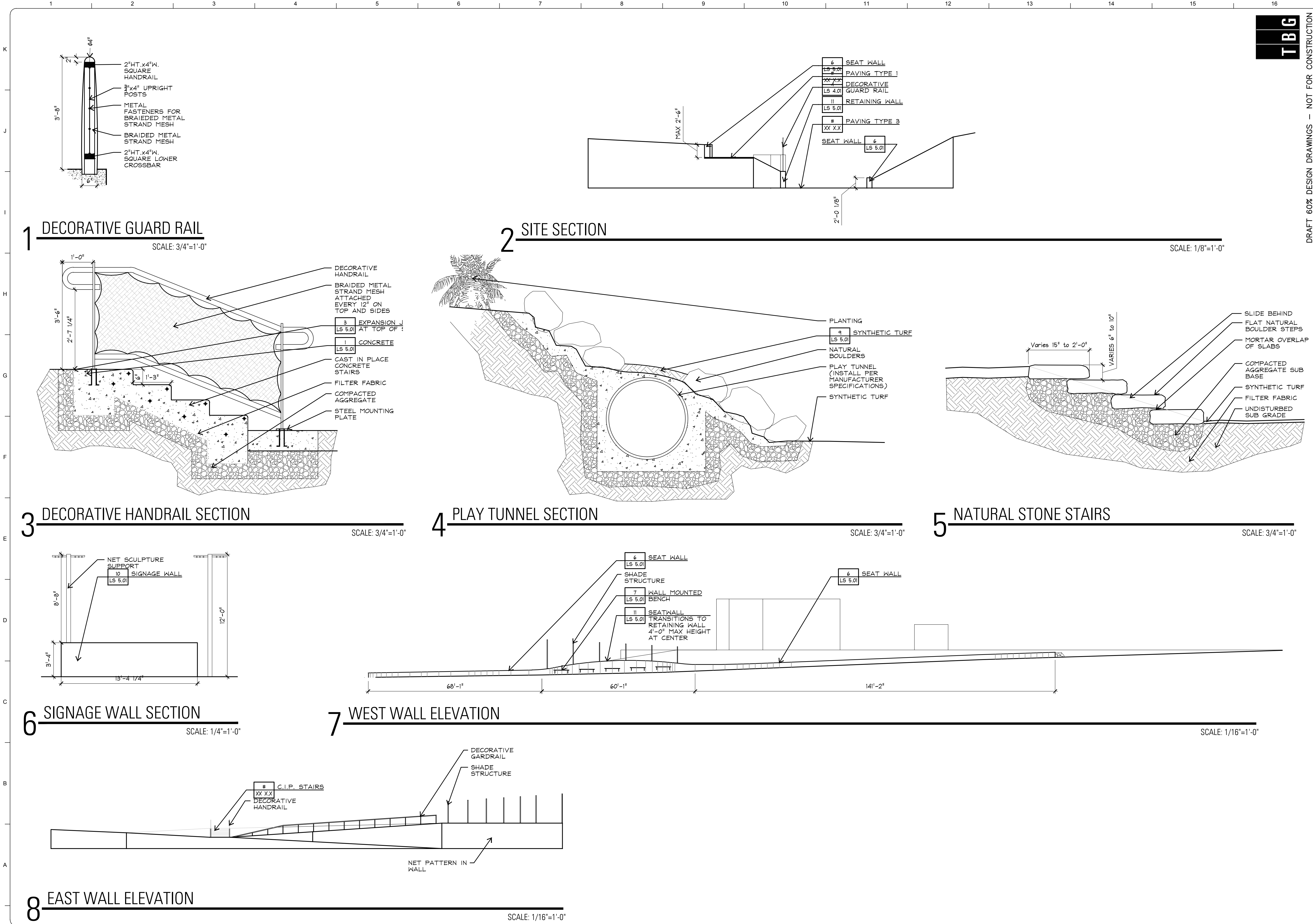
NOTE: SEE LIGHTING PLAN LL 1.00 FOR LIGHT FIXTURE LOCATIONS, TYPES AND SPECIFICATIONS



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City of Destin P.E. Timothy Paul Womack, P.E. Florida Registration #44484 TBC Partners 200 S.W. First Avenue Suite 103 Fort Lauderdale, Florida 33301		THE HARBOR CRA DISTRICT		4200 Indian Bayou Tr. Destin, FL 32541 Phone: 850.837.4242	
Client: City of Destin, FL Proj. Loc.: Destin, FL	Project No.: 200-08535-14002	Designed By: PW	Drawn By: JL	Checked By: PW	
CAPTAIN ROYAL MELVIN - HERITAGE PARK HARDSCAPE PLAN		LS 1.00			
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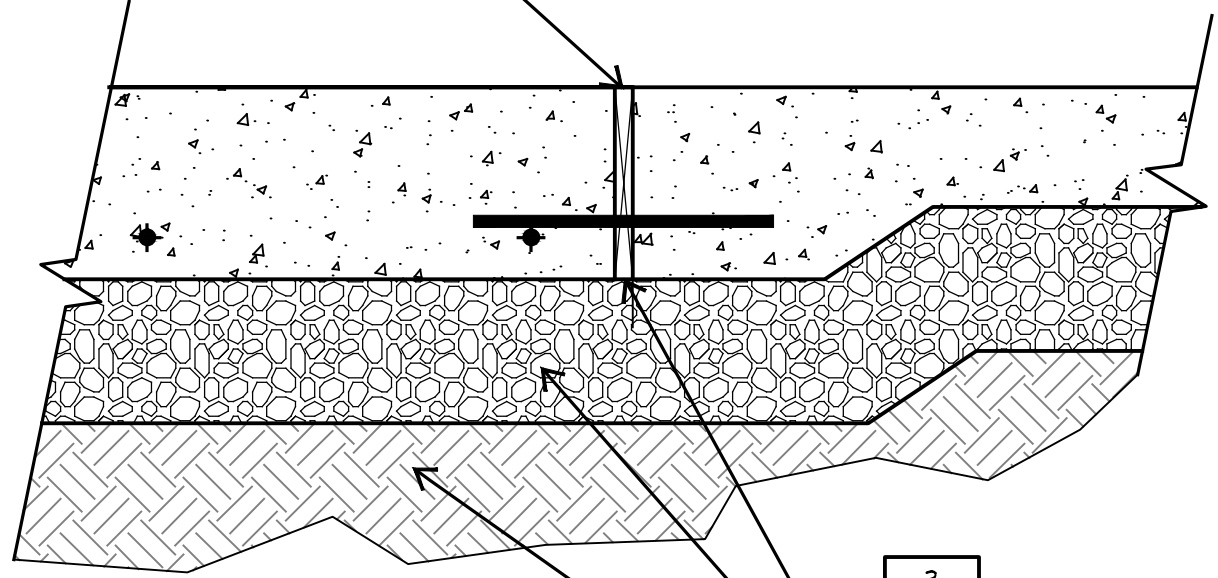


DRAFT 60% DESIGN DRAWINGS — NOT FOR CONSTRUCTION

Client: City of Destin, FL Proj. Loc.: Destin, FL	CAPTAIN ROYAL MELVIN - HERITAGE PARK SITE SECTIONS		Project No.: 200-08535-14002		
	Designed By:		PW		
	Drawn By:		JL		
	Checked By:		PW		
LS 4.01					
Paul Weinberg Florida Registration 666604 TBC Partners 200 S.W. First Avenue Suite 103 Fort Lauderdale, Florida 33301		CITY OF DESTIN FLORIDA		www.cityofdestin.com 4200 Indian Bayou Tr. Destin, FL 32541 Phone: 850.837.4242	
THE HARBOR CIRA DISTRICT		DATE		www.tetratech.com 12825 Emerald Coast Pkwy., Suite 110 Destin, FL 32550 Phone: 850.837.9278 Fax: 850.837.7289	

Wednesday, July 02, 2014 5:45:55 PM DRAWING: Z:\Heritage Park (FL13981)\04.CDW\Work\13981_title.dwg LAYOUT: MODEL USER NAME: NATHAN VANDEMAN

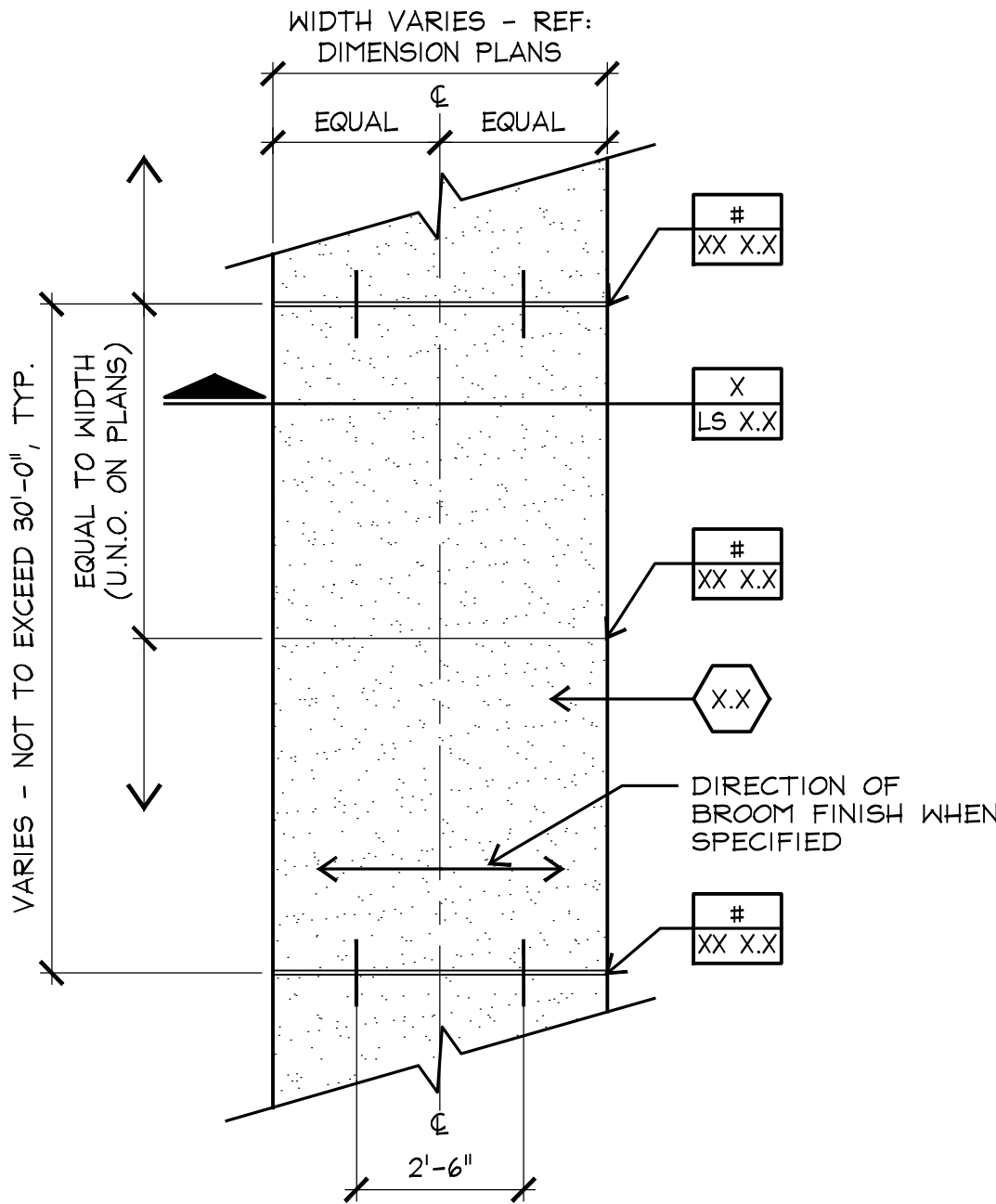
FILL JOINTS WITH GRAY POLYMERIC SAND, TYP.



3
LS 5.01
COMPRESSED AGGREGATE
SUBGRADE - REF. STRUCTURAL NOTES AND SPECIFICATIONS

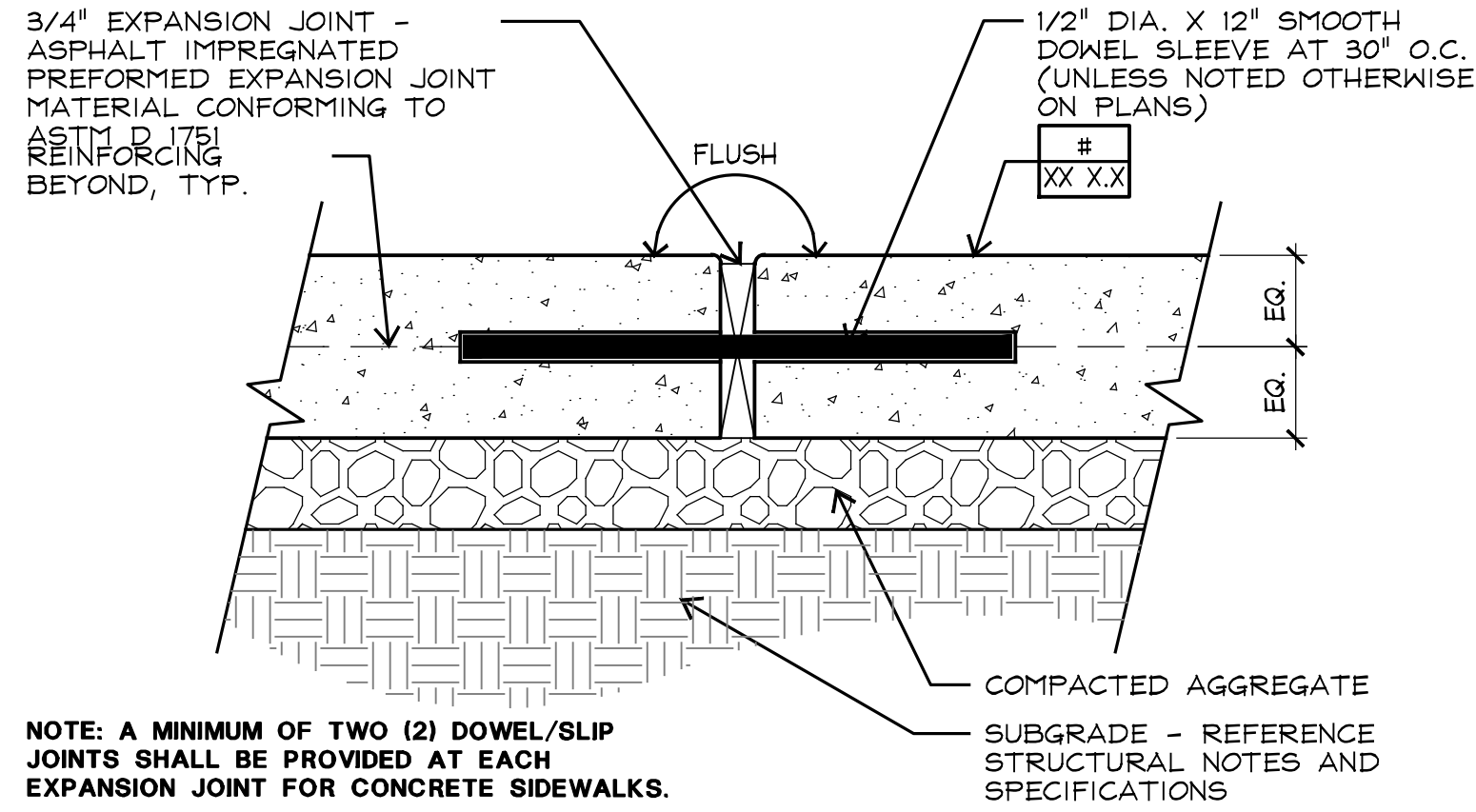
1 VEHICULAR CONCRETE PAVING SECTION

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



2 CONCRETE WALK PLAN

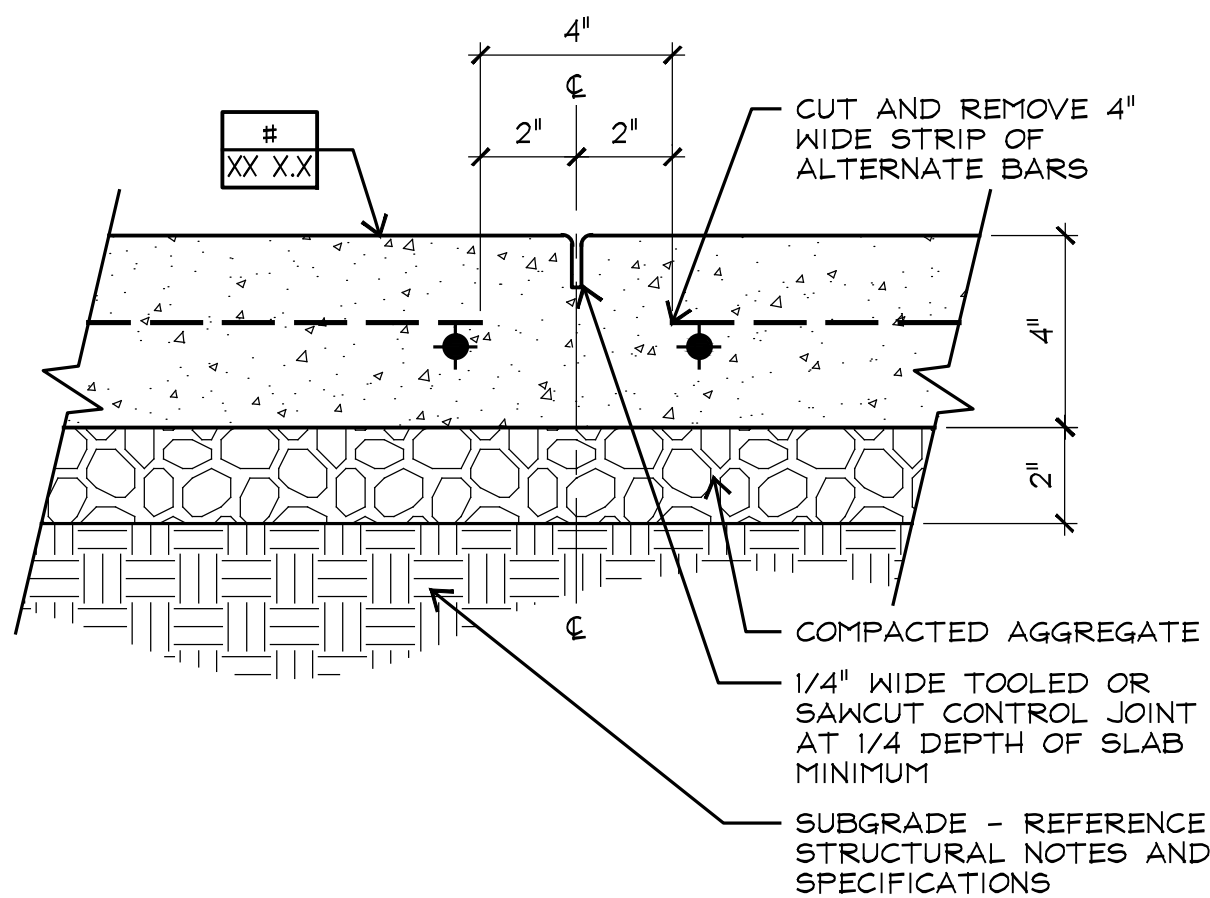
SCALE: 3/8"=1'-0"



NOTE: A MINIMUM OF TWO (2) DOWEL/SLIP JOINTS SHALL BE PROVIDED AT EACH EXPANSION JOINT FOR CONCRETE SIDEWALKS.

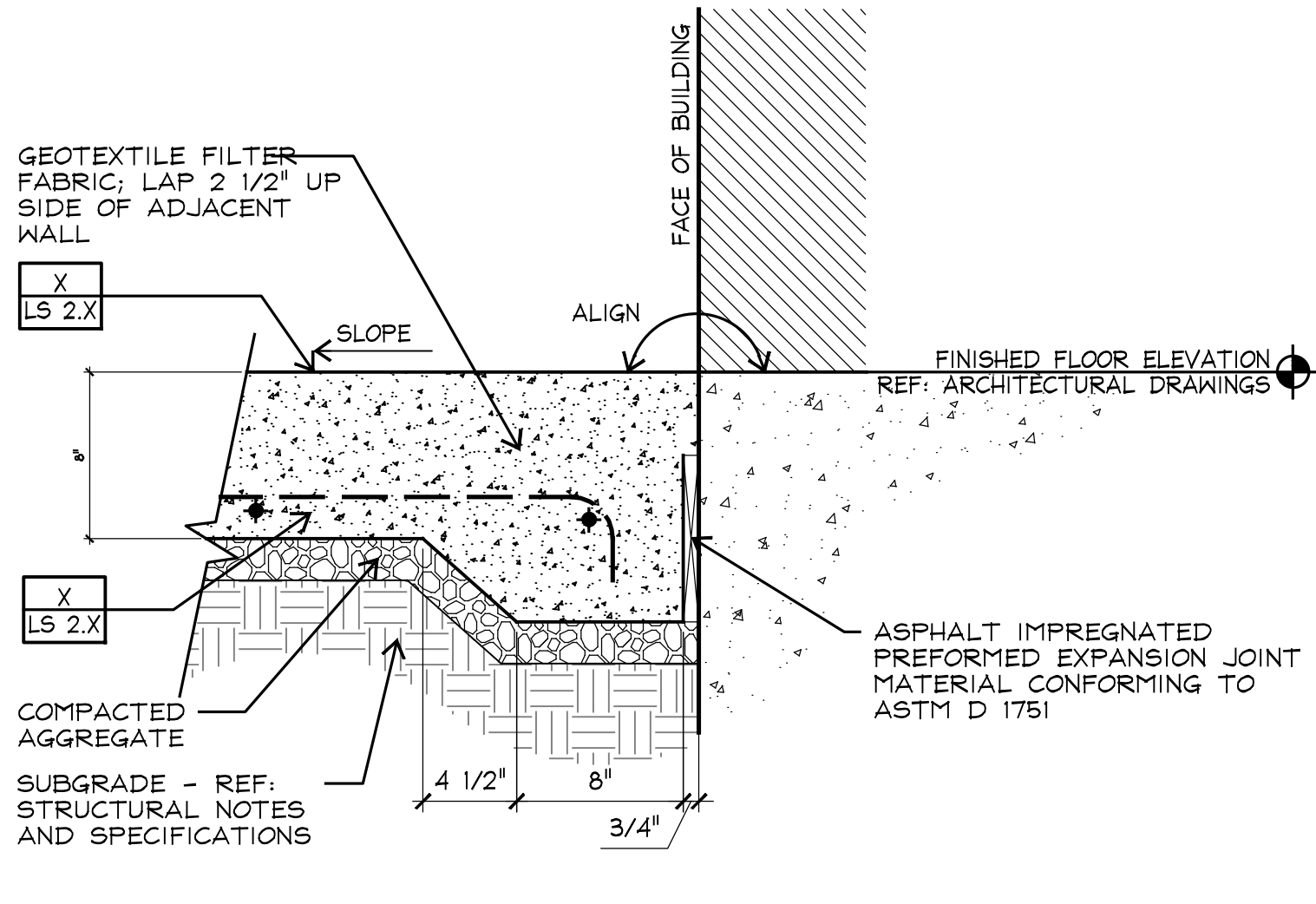
3 EXPANSION JOINT

SCALE: 3"=1'-0"



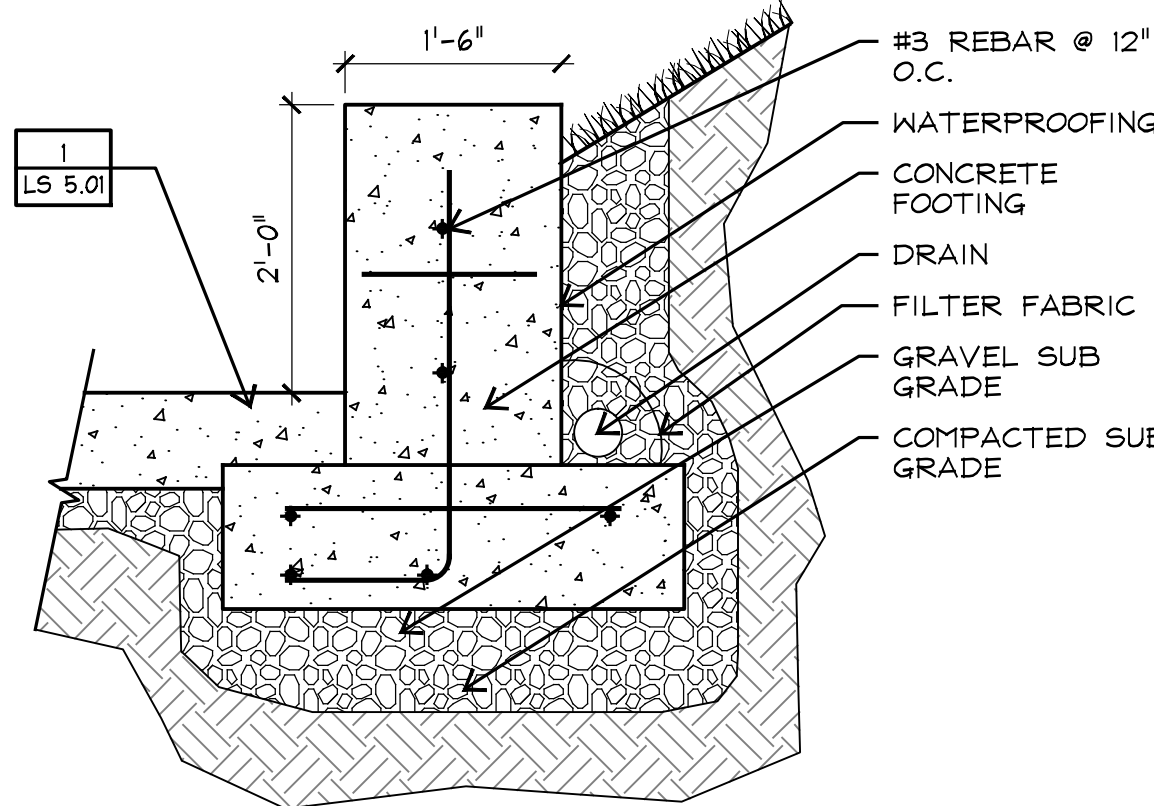
4 SAW CUT CONTROL JOINT

SCALE: 3"=1'-0"



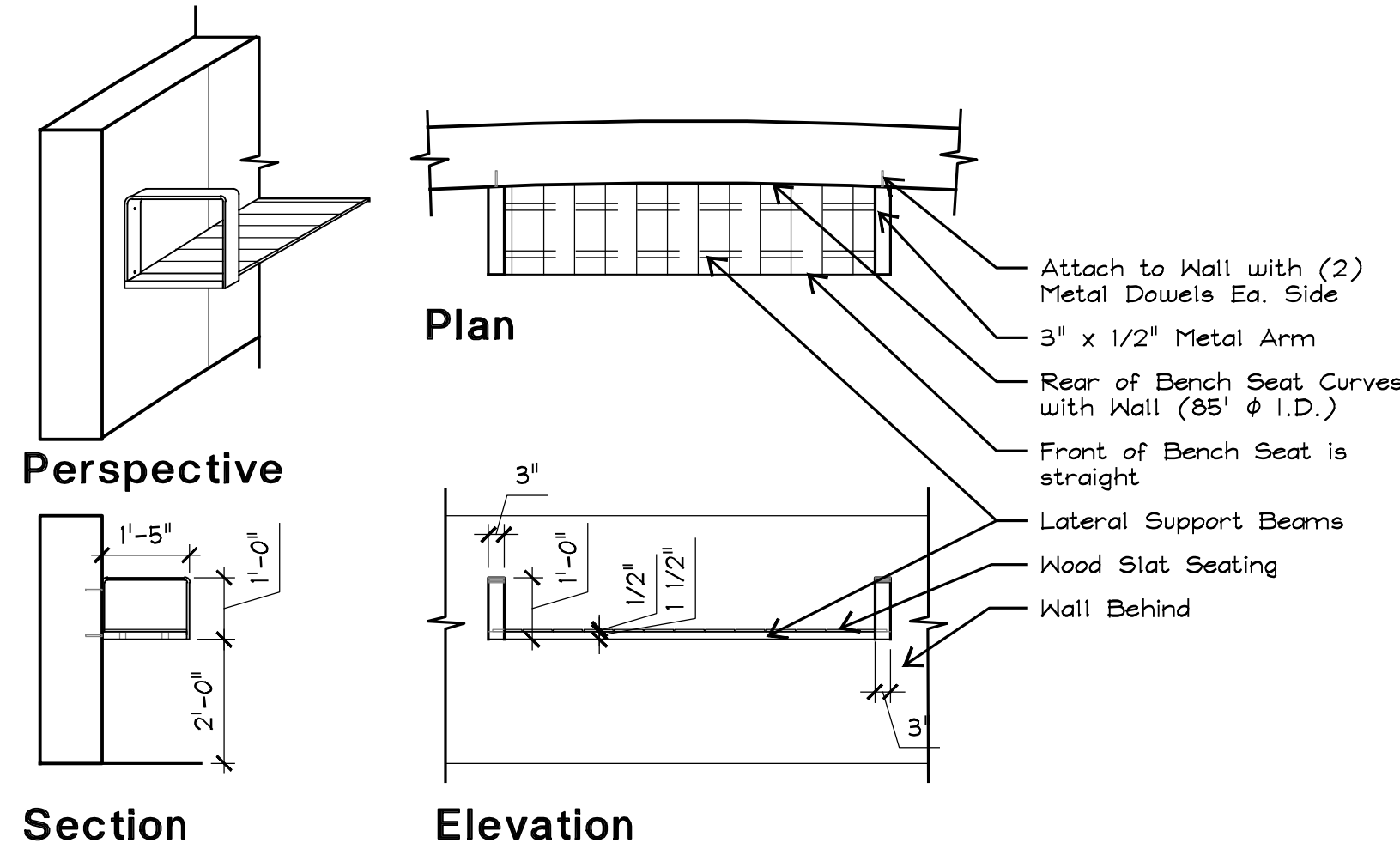
5 EXPANSION JOINT AT WALL

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



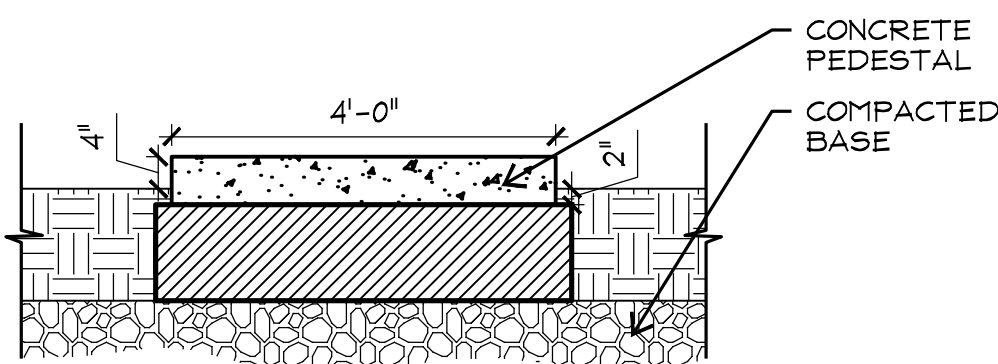
6 CONCRETE SEATWALL

SCALE: 3/4"=1'-0"



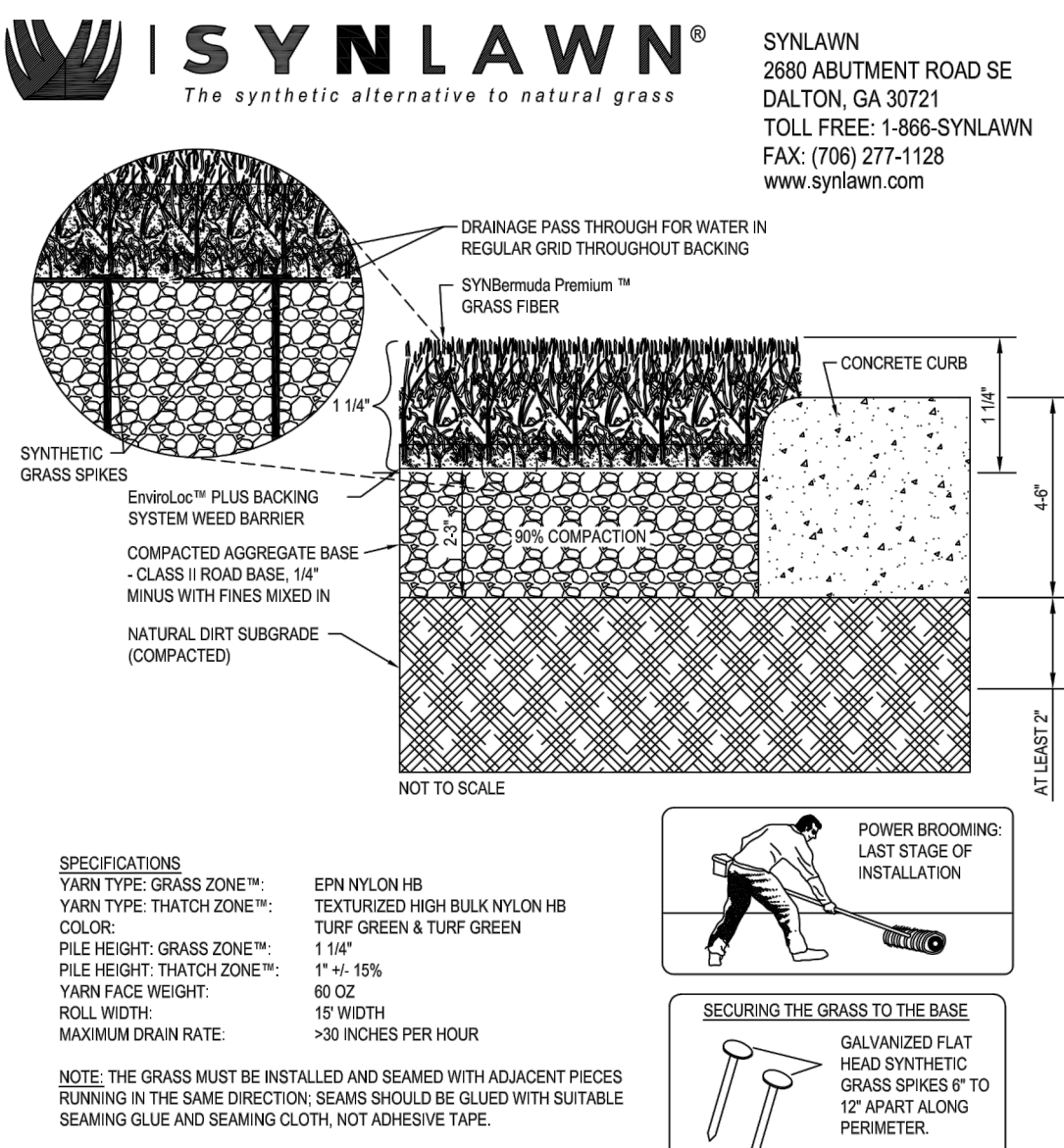
7 BENCH TYPE 2 WALL

SCALE: 3/8"=1'-0"



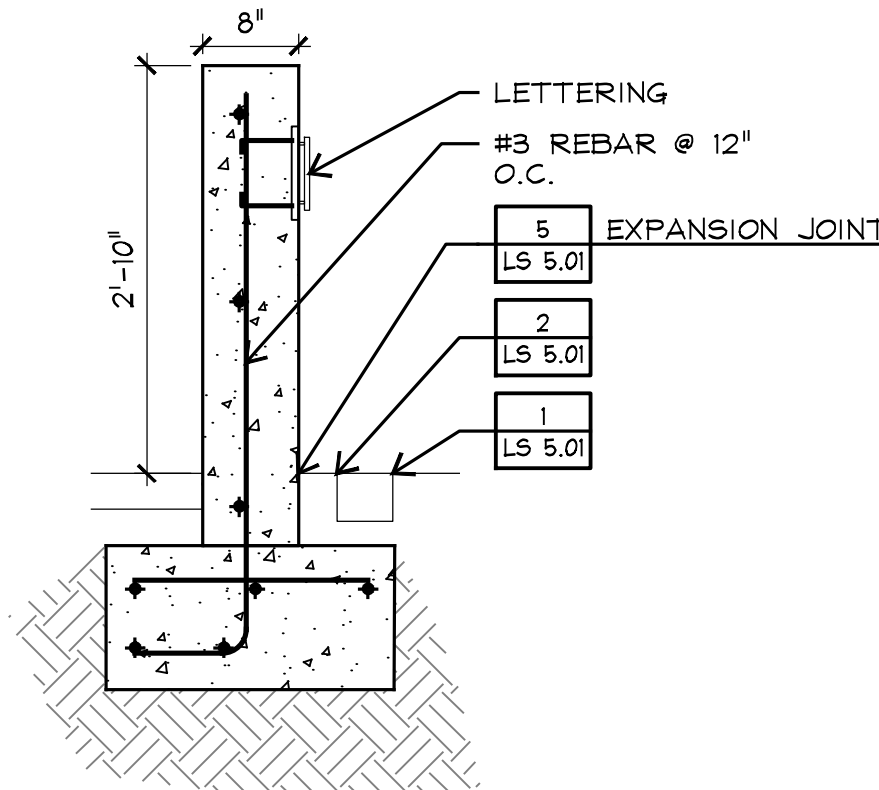
8 SCULPTURE PAD

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



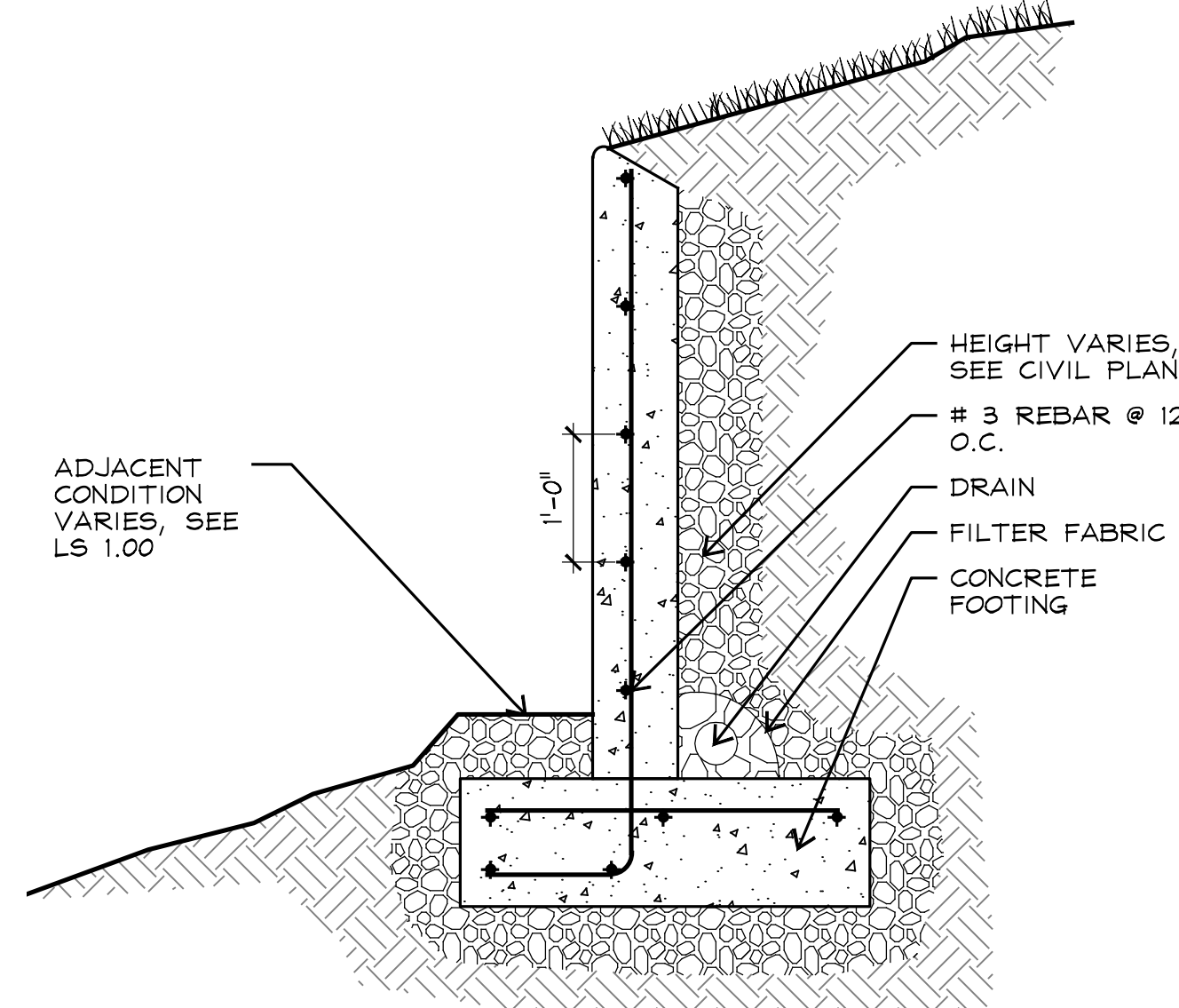
9 SYNTHETIC TURF

NOT TO SCALE



10 FREE STANDING SIGNAGE WALL

SCALE: 3/4"=1'-0"



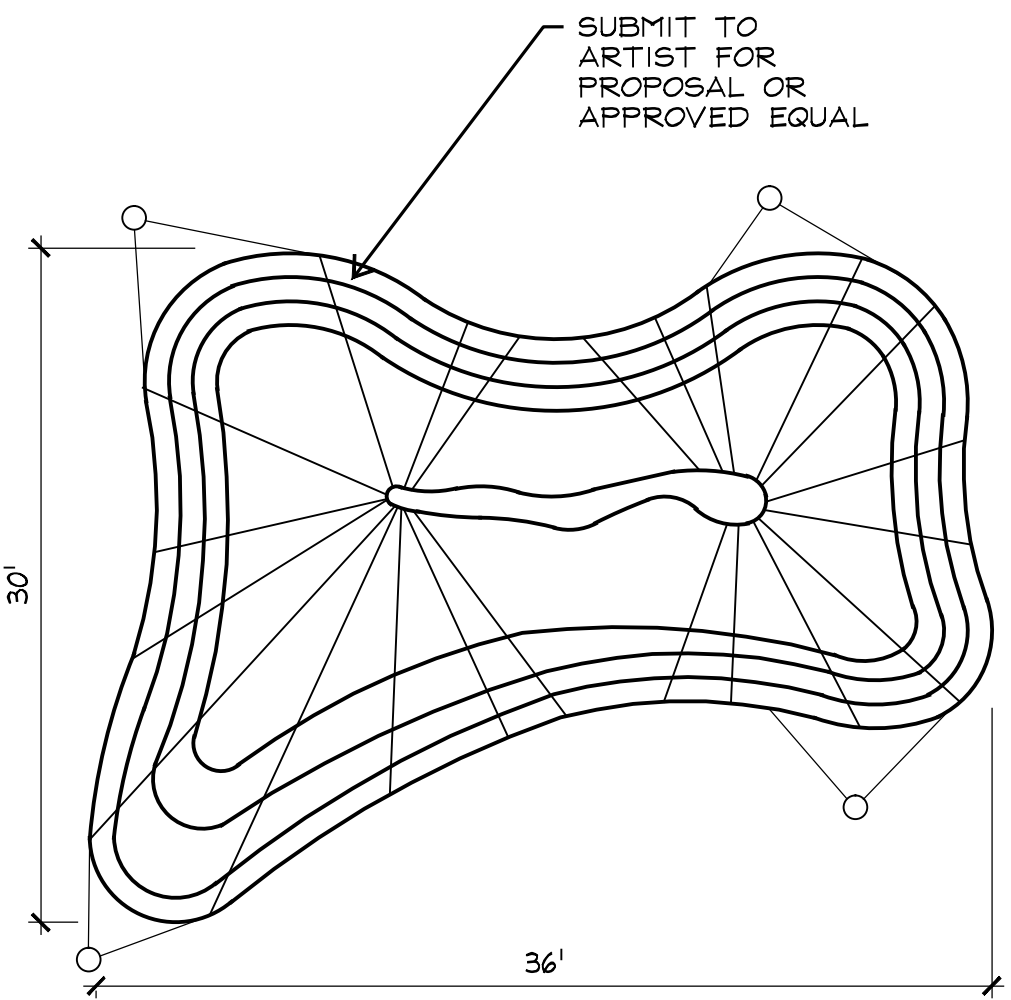
11 RETAINING WALL

SCALE: 3/4"=1'-0"

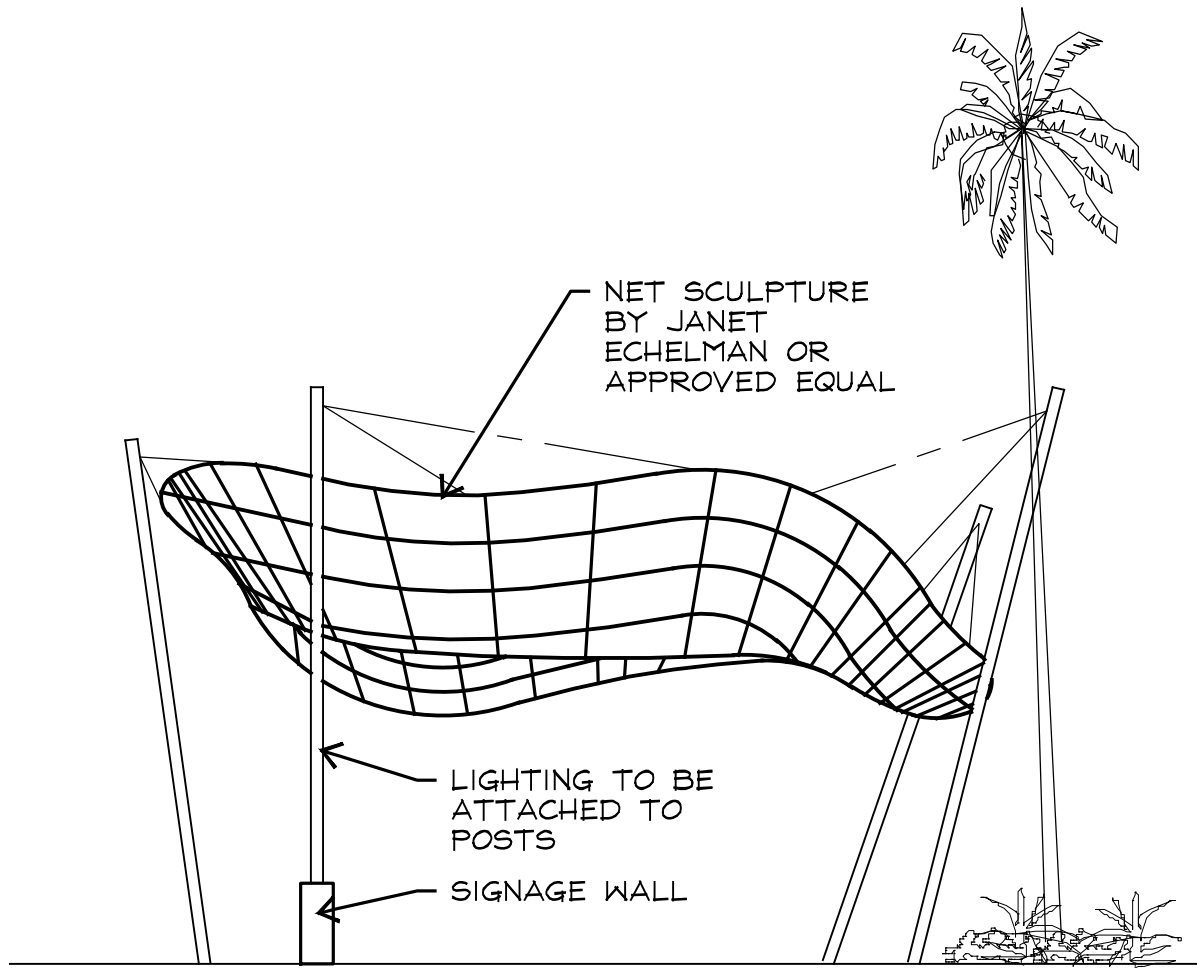
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Paul Weinberg Florida Registration 666604 TBC Partners 200 S.W. First Avenue Suite 103 Fort Lauderdale, Florida 33301		www.cityofdestin.com 4200 Indian Bayou Tr. Destin, FL 32541 Phone: 850.837.4242		www.tetratech.com 12825 Emerald Coast Pkwy., Suite 110 Destin, FL 32550 Phone: 850.837.7269	
BY	DATE	DESCRIPTION	MARK	Client: City of Destin, FL Proj. Loc.: Destin, FL CAPTAIN ROYAL MELVIN - HERITAGE PARK SITE DETAILS	
				Project No.: 200-08535-14002	
				Designed By: PW	
				Drawn By: JL	
				Checked By: PW	
				LS 5.01	

Wednesday, July 02, 2014 5:46:55 PM DRAWING: Z:\Heritage Park (FL\13981)\04.CDW\WorkFL13981_title.dwg LAYOUT: MODEL USER NAME: NATHAN VANDEMAN



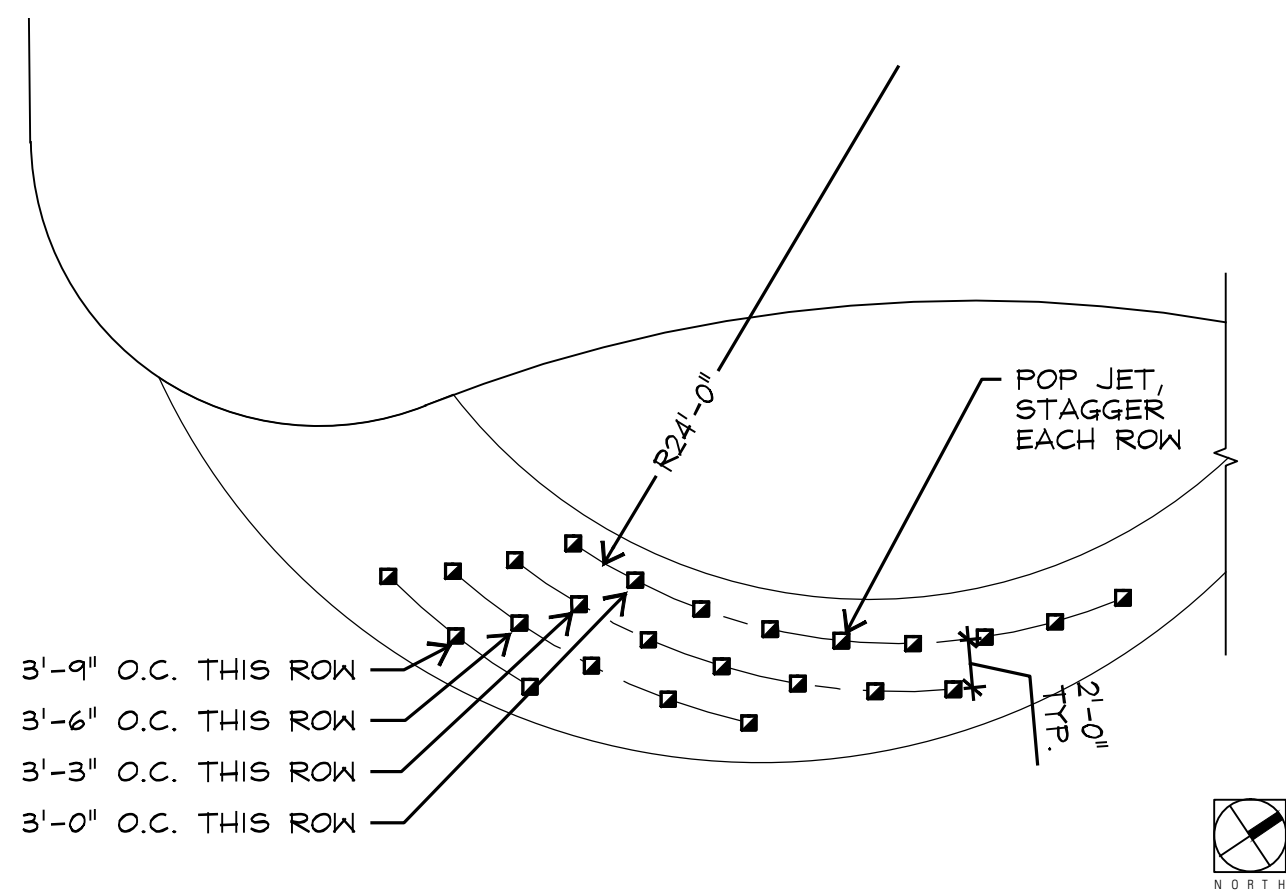
1 NET SCULPTURE PLAN
SCALE: 1/8"=1'-0"



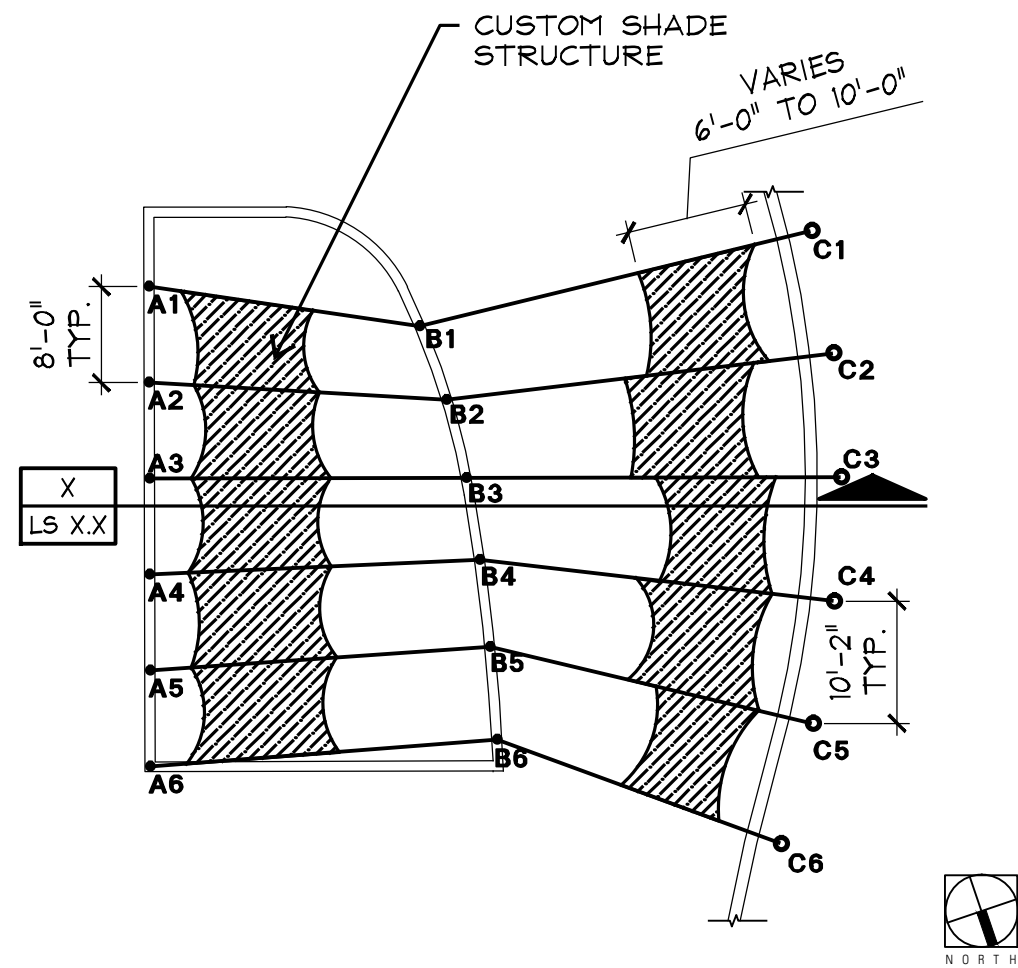
2 NET SCULPTURE ELEVATION
SCALE: 1/8"=1'-0"



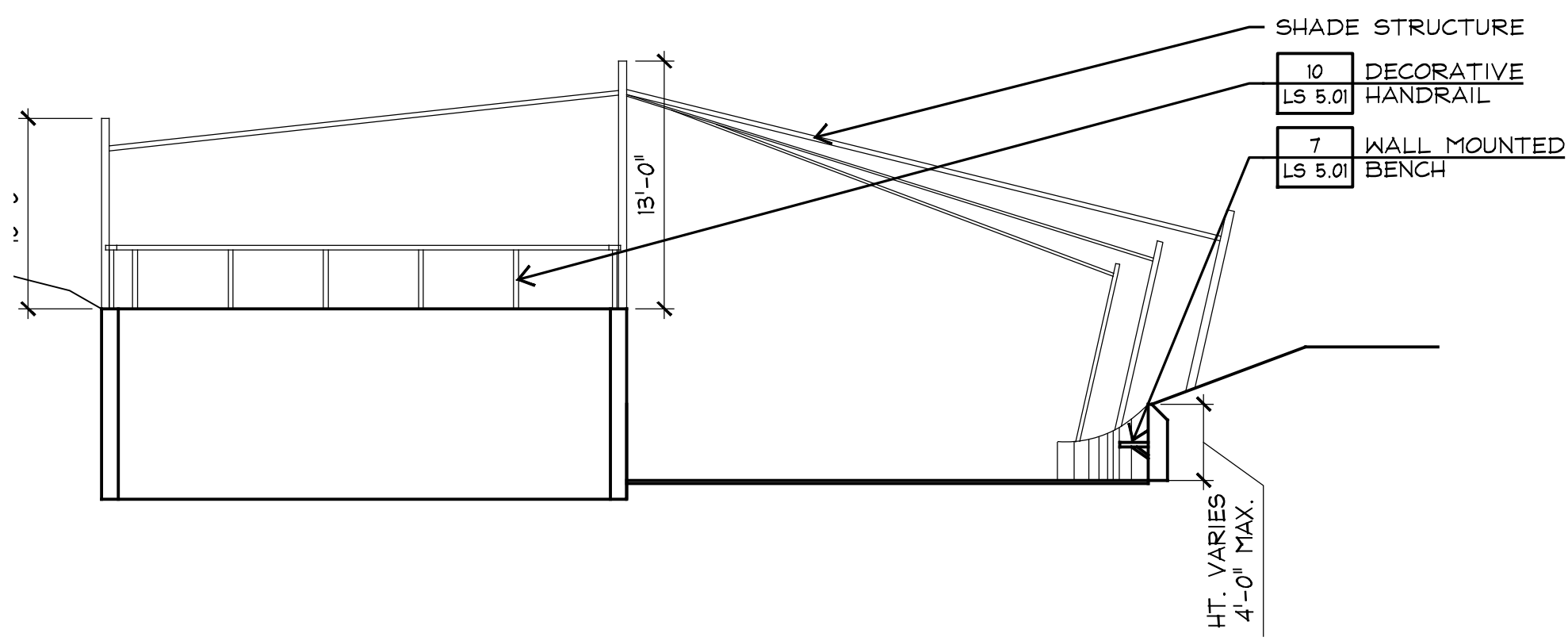
3 NET SCULPTURE GRAPHIC
SCALE: 1/8"=1'-0"



4 POP FOUNTAIN LAYOUT
SCALE: 1/8"=1'-0"



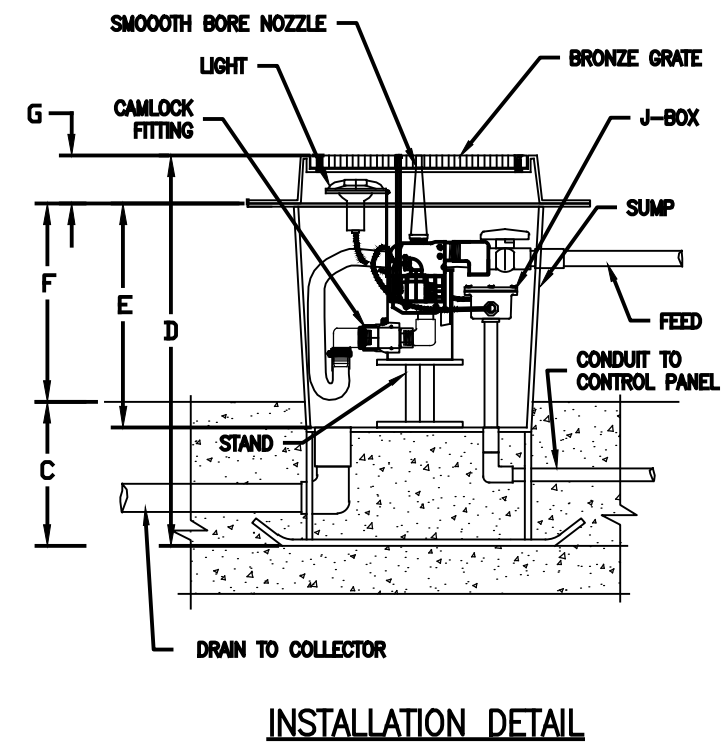
5 SHADE STRUCTURE PLAN
SCALE: 1/16"=1'-0"



6 SHADE STRUCTURE SECTION
SEE MANUFACTURER SPECIFICATIONS FOR ADDITIONAL INFORMATION
SCALE: 1/16"=1'-0"



7 SHADE STRUCTURE GRAPHIC



8 POP FOUNTAIN JET
SCALE: 3/4"=1'-0"



9 UNDERGROUND PLAY TUNNEL
SEE MANUFACTURER SPECIFICATIONS FOR ADDITIONAL INFORMATION



10 CARGO CLIMBING NET
SEE MANUFACTURER SPECIFICATIONS FOR ADDITIONAL INFORMATION



11 HALF ROUND EMBANKMENT SLIDE
SEE MANUFACTURER SPECIFICATIONS FOR ADDITIONAL INFORMATION

T B G

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CITY OF DESTIN
FLORIDA

Paul Weinberg
Florida Registration 666604
TBC Partners
200 S.W. First Avenue
Suite 103
Fort Lauderdale, Florida 33301

BY

DESCRIPTION

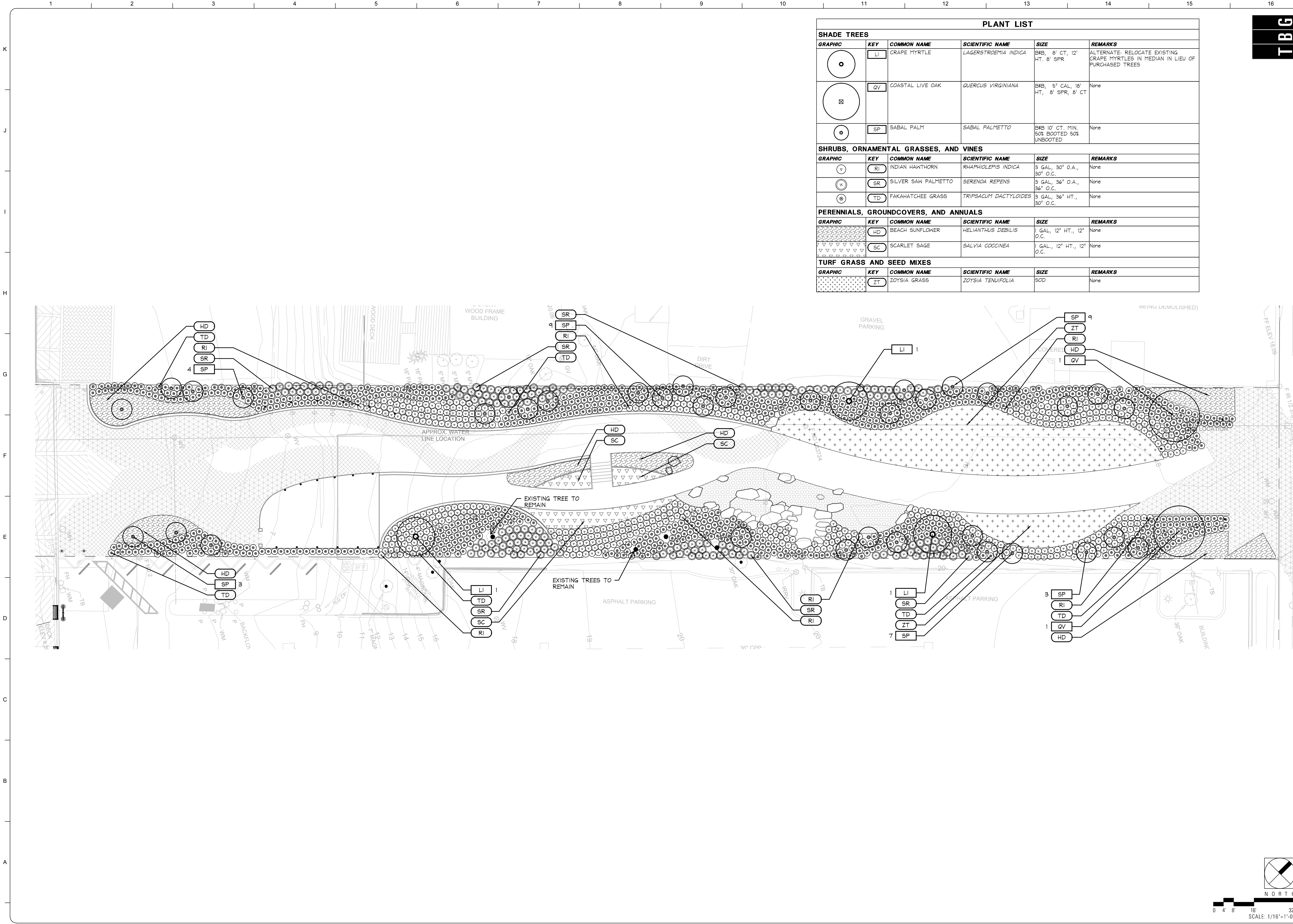
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MARK

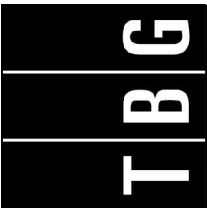
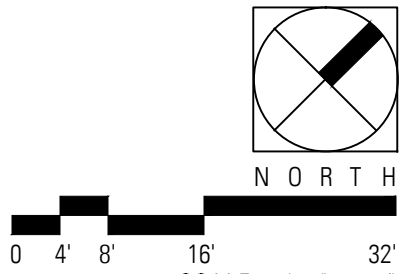
Client: City of Destin, FL
Proj. Loc.: Destin, FL
CAPTAIN ROYAL MELVIN - HERITAGE PARK
SITE DETAILS

Project No.: 200-08535-14002
Designed By: PW
Drawn By: JL
Checked By: PW

LS 5.02



PLANT LIST					
SHADE TREES					
GRAPHIC	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	REMARKS
	LI	GRAPE MYRTLE	LAGERSTROEMIA INDICA	8" DB, 8' CT, 12' HT, 8' SPR	ALTERNATE: RELOCATE EXISTING GRAPE MYRTLES IN MEDIAN IN LIEU OF PURCHASED TREES
	QV	COASTAL LIVE OAK	QUERCUS VIRGINIANA	8" DB, 5" CAL, 18' HT, 8' SPR, 8' CT	None
	SP	SABAL PALM	SABAL PALMETTO	8" DB 10' CT, MIN, 50% BOOTED 50% UNBOOTED	None
SHRUBS, ORNAMENTAL GRASSES, AND VINES					
GRAPHIC	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	REMARKS
	RI	INDIAN HAWTHORN	RHAPHIOLEPIS INDICA	3 GAL, 30" O.A., 30" O.C.	None
	SR	SILVER SAW PALMETTO	SERENGA REPENS	3 GAL, 36" O.A., 36" O.C.	None
	TD	FAKAHATCHEE GRASS	TRIPSACUM DACTYLOIDES	3 GAL, 36" HT., 30" O.C.	None
PERENNIALS, GROUNDCOVERS, AND ANNUALS					
GRAPHIC	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	REMARKS
	HD	BEACH SUNFLOWER	HELIANTHUS DEBILIS	1 GAL, 12" HT., 12" O.C.	None
	SC	SCARLET SAGE	SALVIA COCCINEA	1 GAL., 12" HT., 12" O.C.	None
TURF GRASS AND SEED MIXES					
GRAPHIC	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	REMARKS
	ZT	ZOYSIA GRASS	ZOYSIA TENUIFOLIA	SOD	None



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FLORIDA

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200 S.W. First Avenue
Suite 103
Fort Lauderdale, Florida 33301

BY

DATE

MARK

DESCRIPTION

Client: City of Destin, FL
Proj. Loc.: Destin, FL

CAPTAIN ROYAL MELVIN - HERITAGE PARK
PLANTING PLAN

Project No.: 200-08535-14002
Designed By: PW
Drawn By: JL
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THE HARBOR CRA DISTRICT

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DATE

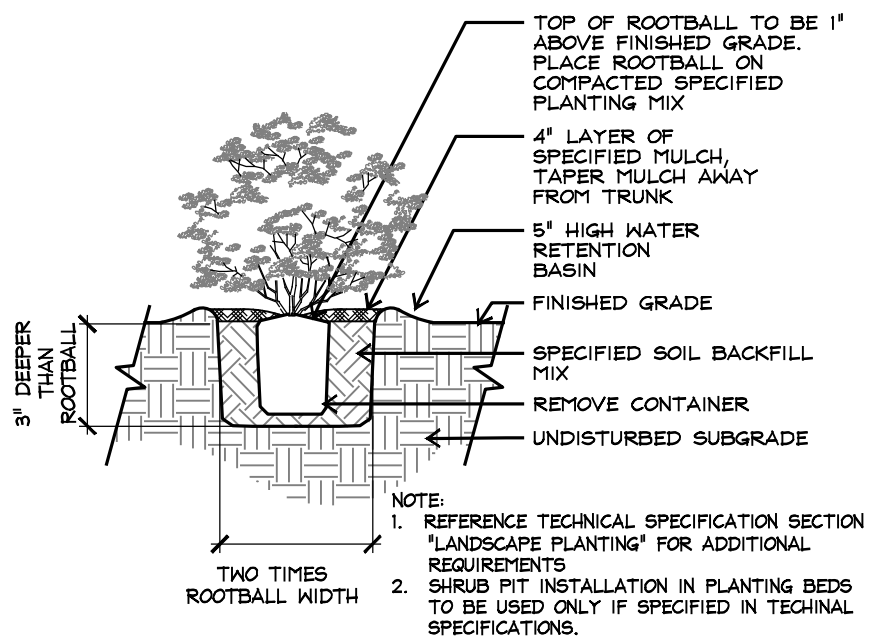
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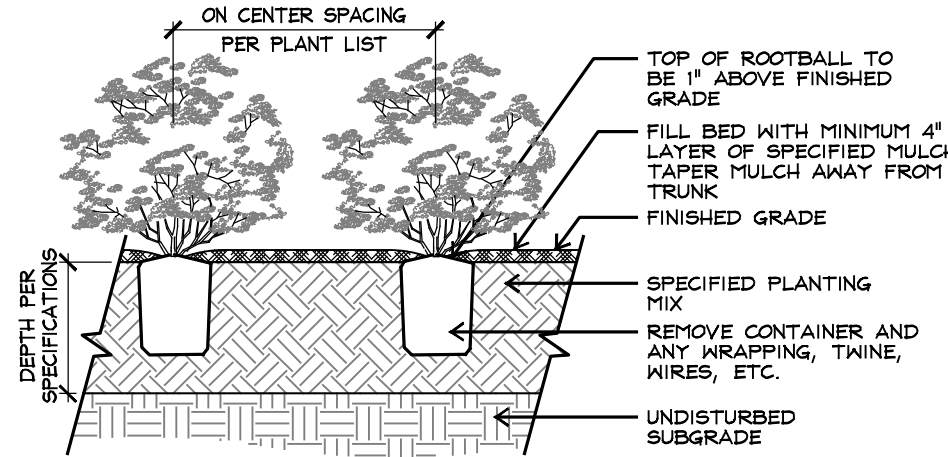
7 Individual Shrub Pit Planting

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



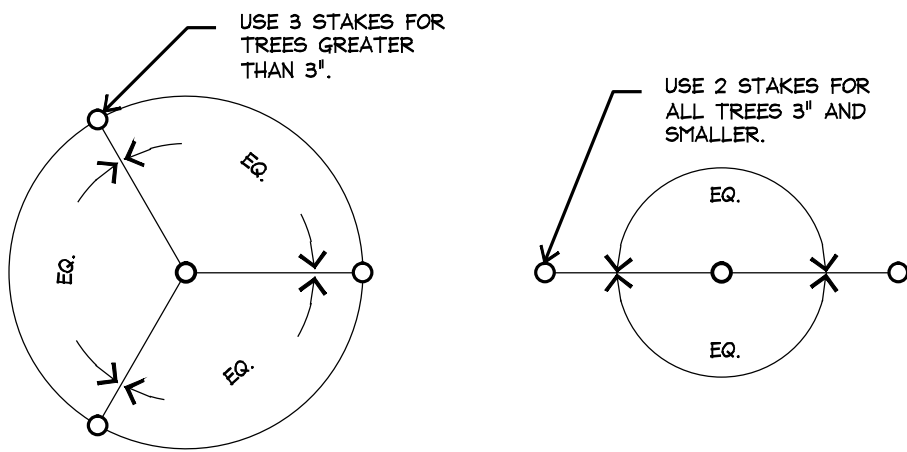
8 Shrub Bed Planting

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



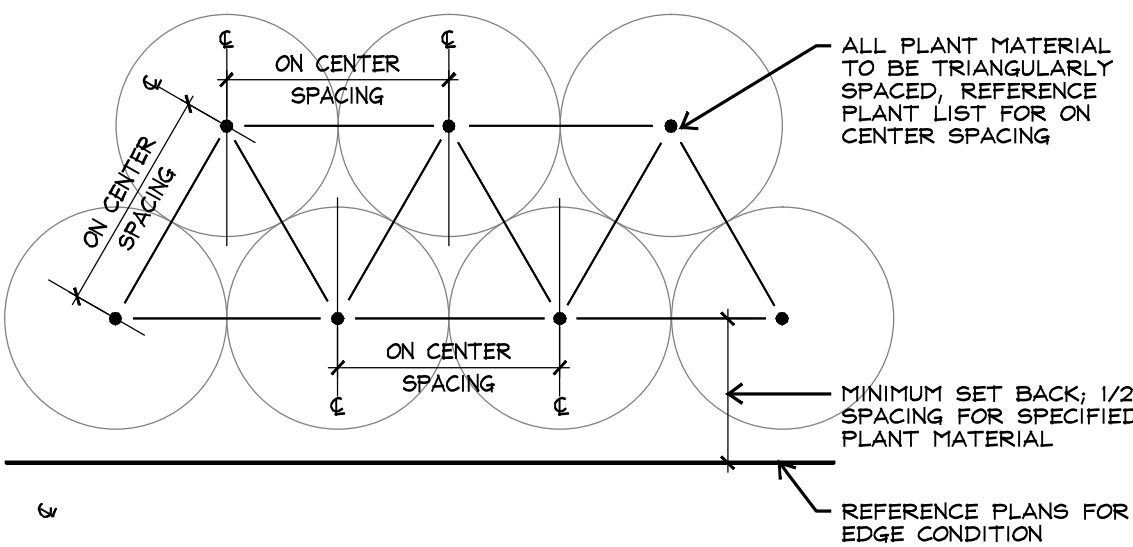
9 Tree Steaking Plan

SCALE: 3/4"=1'-0"



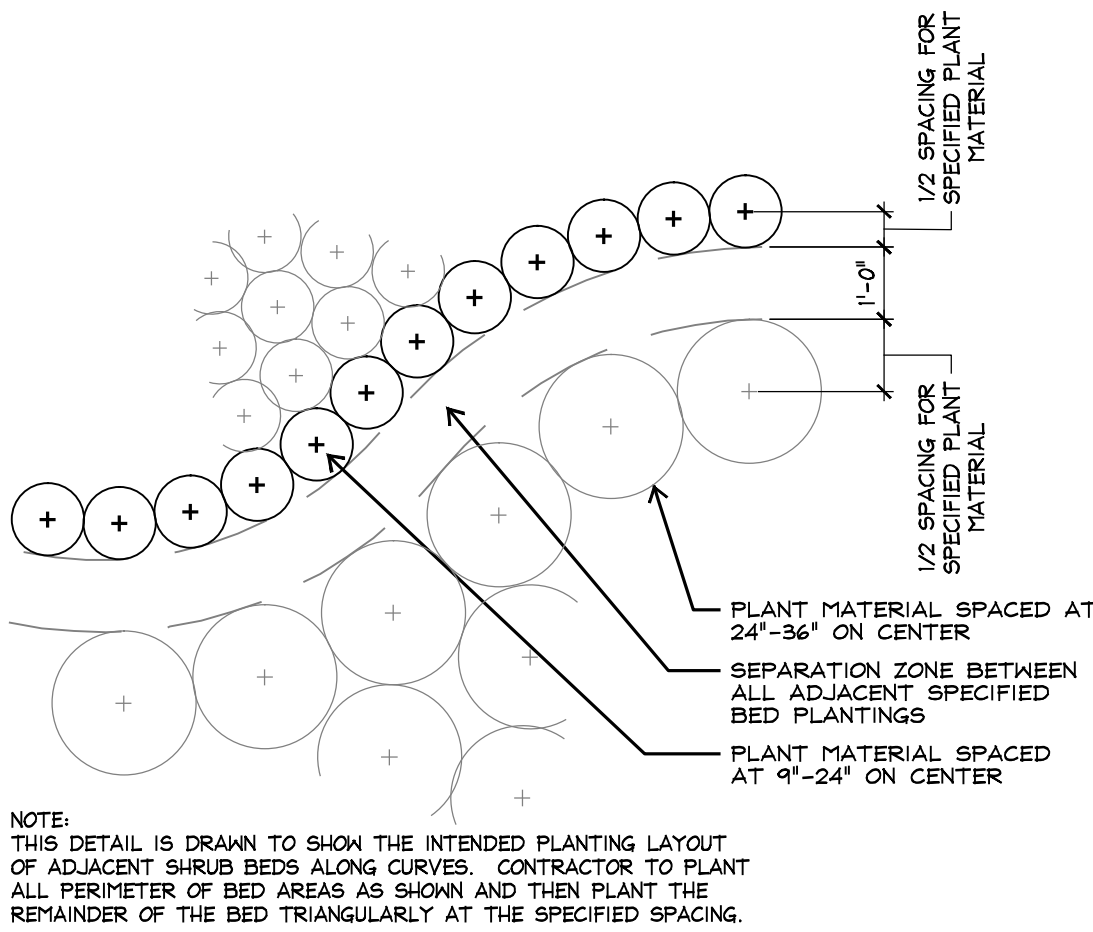
4 Plant Spacing Diagram

SCALE: 3/8"=1'-0"



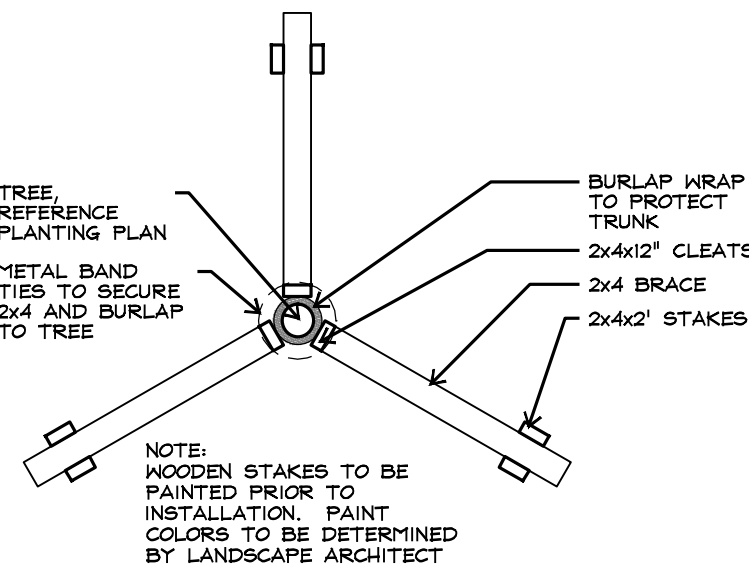
5 Curved Bed Layout

SCALE: 3/8"=1'-0"



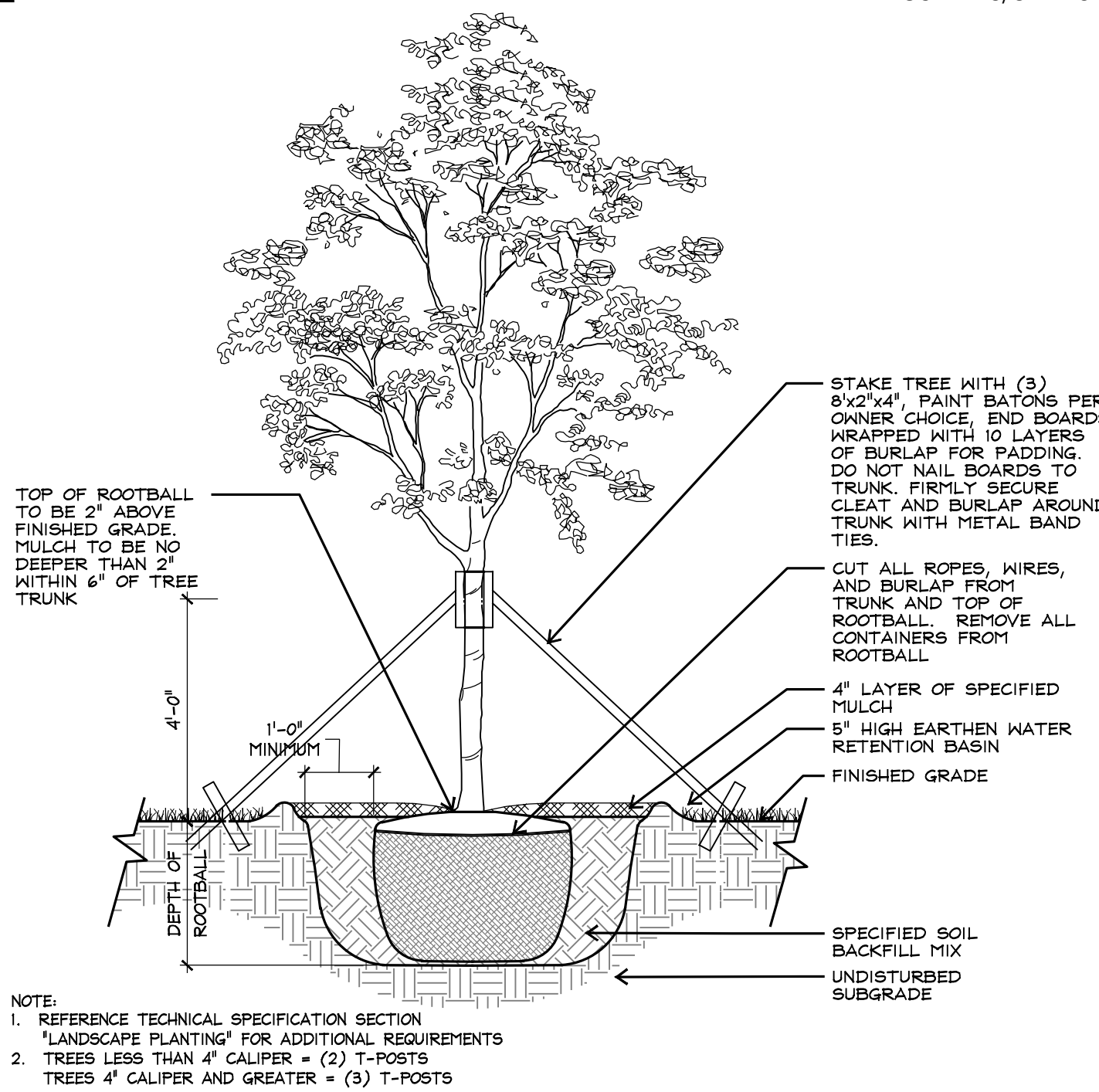
6 Palm Tree Planting (Plan)

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



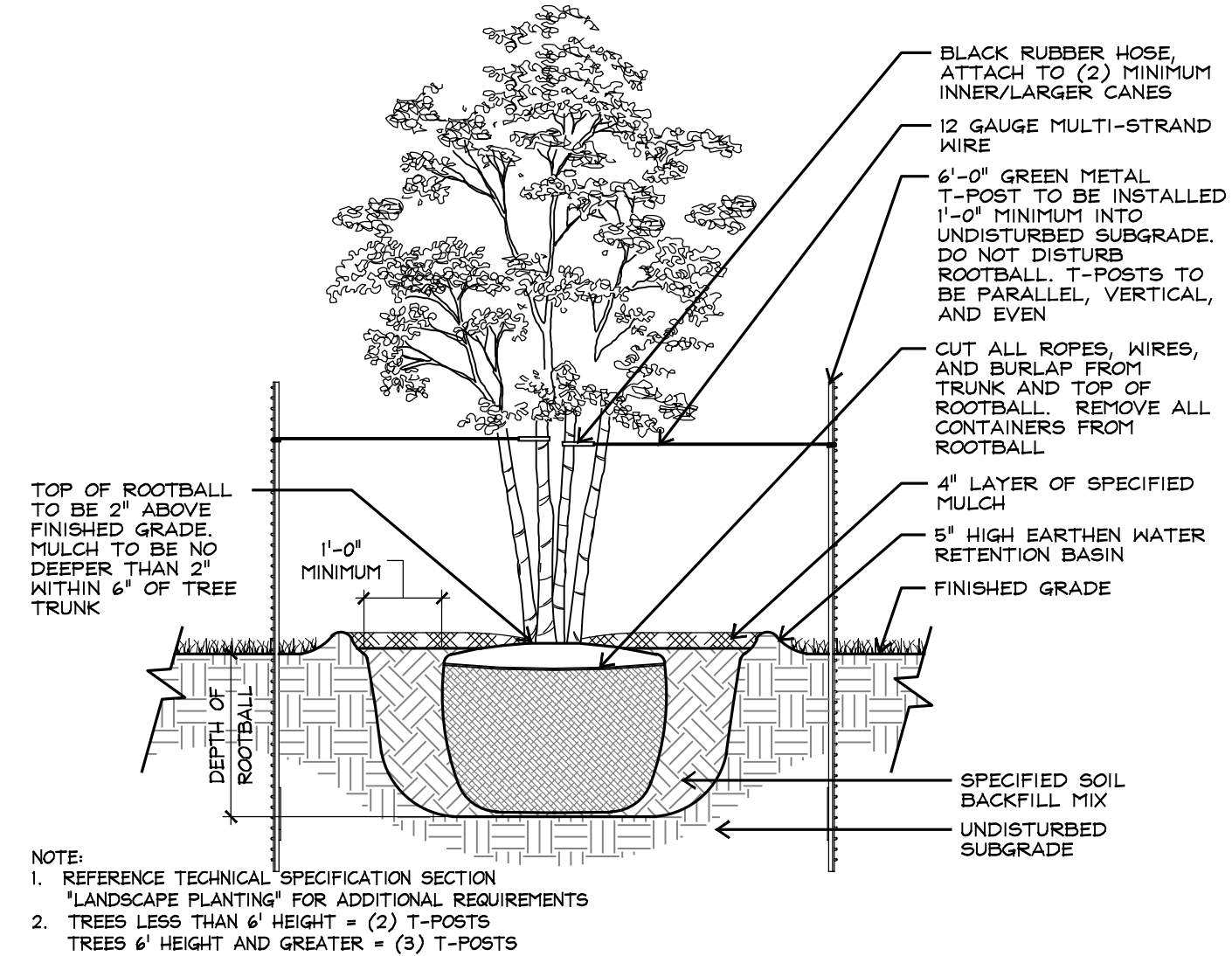
1 Tree Planting - Standard Trunk

SCALE: 3/8"=1'-0"



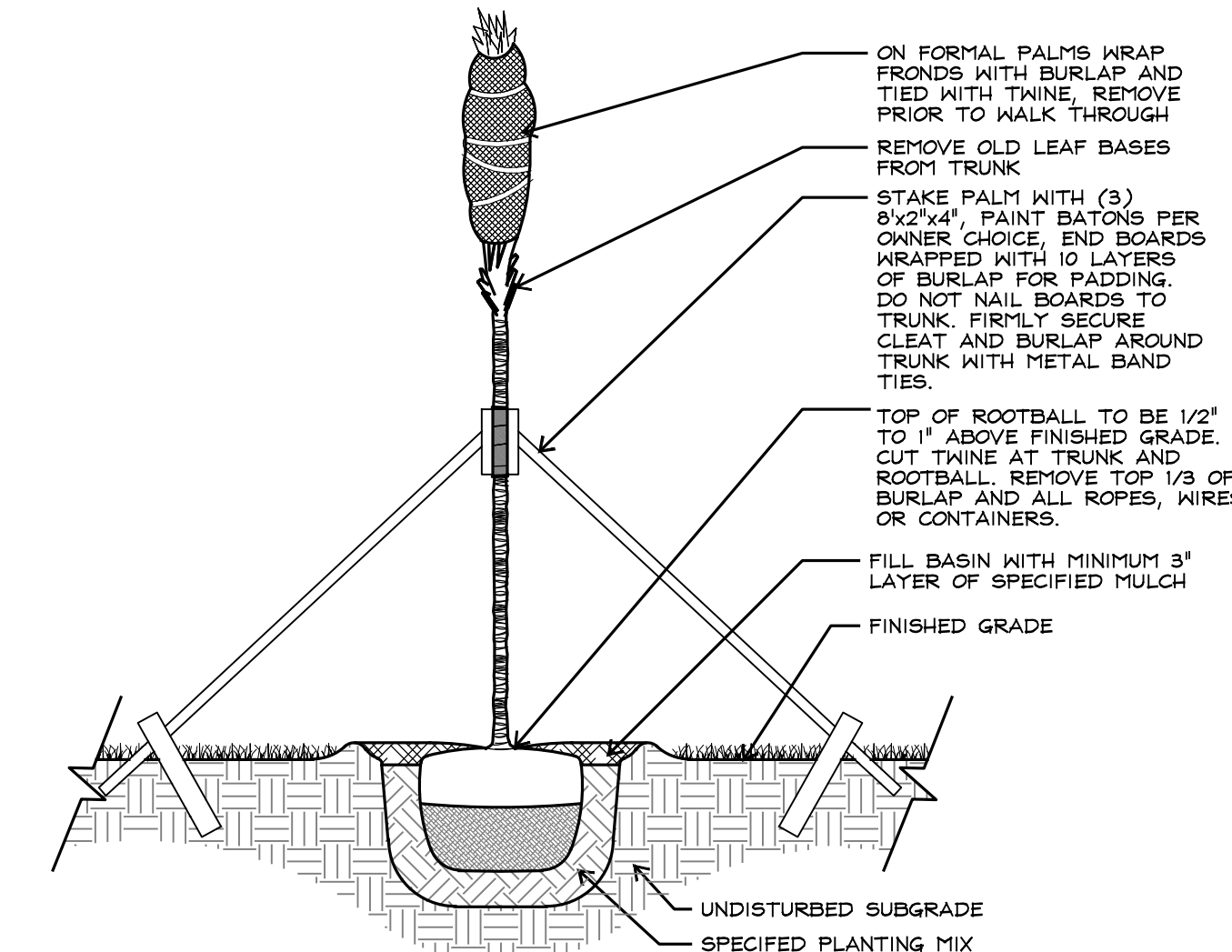
2 Tree Planting - Multi Trunk

SCALE: 3/8"=1'-0"



3 Palm Tree Planting

SCALE: 3/8"=1'-0"



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Destin, FL 32541
Phone: 850.837.4242

THE HARBOR CRA DISTRICT

DATE

BY

DESCRIPTION

MARK

DATE

Client: City of Destin, FL
Proj. Loc.: Destin, FL

CAPTAIN ROYAL MELVIN - HERITAGE PARK
PLANTING DETAILS

Project No.: 200-08535-14002

Designed By: PW

Drawn By: JL

Checked By: PW

LP 2.01

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CAPTAIN ROYAL MELVIN HERITAGE PARK IMPROVEMENTS

12815 EMERALD COAST PARKWAY, SUITE 110
DESTIN, FLORIDA 32550
PHONE: 850.837.9278 FAX: 850.837.7269
FLORIDA ENGINEERING BUSINESS NO. 2429
www.tetratech.com



CITY COUNCIL AND STAFF

SCOTT FISCHER.....MAYOR
PREBBLE RAMSWELL.....COUNCIL MEMBER
PARKER DESTIN.....COUNCIL MEMBER
CHATHAM MORGAN.....COUNCIL MEMBER
JIM FOREMAN COUNCIL MEMBER
RODNEY BRADEN.....COUNCIL MEMBER
TUFFY DIXON COUNCIL MEMBER
CYRON MARLER COUNCIL MEMBER

CARISSE LEJEUNE.....CITY MANAGER
DAVID CAMPBELL, PE..... PUBLIC SERVICES DEPARTMENT

SHEET INDEX

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G002	GENERAL NOTES
G003	LEGEND & ABBREVIATIONS
G003	MAINTENANCE OF TRAFFIC - INDEX 613
G004	MAINTENANCE OF TRAFFIC - INDEX 660
V100	EXISTING CONDITIONS
C100	OVERALL SITE PLAN
C101	DEMO AND EROSION PROTECTION & SEDIMENTATION CONTROL PLAN
C102	UTILITY ADJUSTMENT PLAN AND PROFILE
C200	GRADING AND DRAINAGE PLAN
C501	CIVIL DETAILS
C502	CIVIL DETAILS
C503	CIVIL DETAILS
A001	ARCHITECTURAL ABBREVIATIONS & GENERAL NOTES
A002	ARCHITECTURAL STANDARDS
A101	FLOOR PLAN AND CODE ANALYSIS
A102	ROOF PLAN / REFLECTING CEILING PLAN / AND DETAILS
A201	EXTERIOR & INTERIOR ELEVATIONS
A501	ARCHITECTURAL DETAILS
A601	ARCHITECTURAL SCHEDULES & DETAILS
S100	STRUCTURAL NOTES
S101	FOUNDATION PLAN
S102	WALL SECTIONS
S103	STRUCTURAL DETAILS
E001	ELECTRICAL LEGEND AND NOTES
E101	ELECTRICAL SITE PLAN PLAN DEMOLITION
E102	ELECTRICAL SITE PLAN
E103	BUILDING SITE PLAN
E104	PANEL BOARD SCHEDULES
P100	PLUMBING LEGENDS, NOTES, AND ABBREVIATIONS
P101	PLUMBING SANITARY PLAN AND RISER
P102	PLUMBING PRESSURE PIPING PLAN AND RISER
P103	PLUMBING DETAILS AND SCHEDULES
M100	HVAC LEGENDS, NOTES, AND ABBREVIATIONS
M101	HVAC PLAN
M102	HVAC SCHEDULES AND DETAILS
LC1.00	OVERALL SITE PLAN
LC2.01	MATERIALS AND GENERAL NOTES
LS1.00	HARDSCAPE PLAN
LS2.00	LAYOUT PLAN
LS3.00	GRADING PLAN
LS4.00	SIGNAGE PLAN
LS4.01	SITE DETAILS
LS4.02	SITE SECTIONS
LS4.03	SITE DETAILS
LS4.04	SITE DETAILS
LP1.00	PLANTING PLAN
LP2.01	PLANTING DETAILS
LL1.00	LIGHTING PLAN
LL2.01	LIGHTING DETAILS

PROJECT LOCATION:

PARCEL ID: 00-2S-22-0630-0000-07G1
206 HARBOR BLVD, DESTIN, FLORIDA

CLIENT INFORMATION:

DAVID CAMPBELL, PE
CITY OF DESTIN, FL
4200 INDIAN BAYOU TRAIL
DESTIN, FL 32541
PHONE: 850.837.4242

Tt PROJECT No.:

200-08535-14002

CITY PROJECT No.:

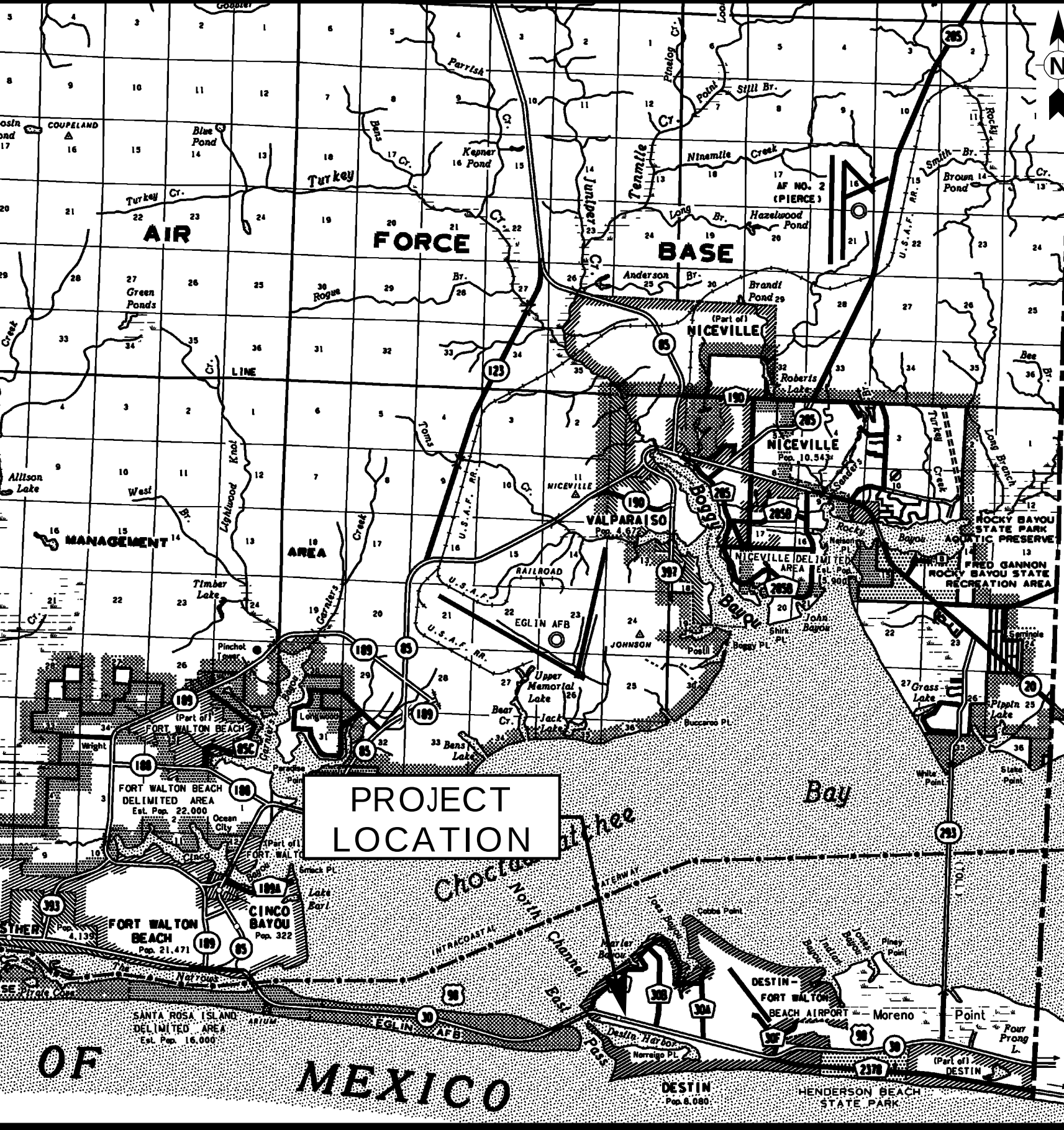
PROJECT DESCRIPTION / NOTES:

THE PROPOSED IMPROVEMENTS INCLUDE THE CONSTRUCTION OF A MULTI-PURPOSE BUILDING (RESTROOMS AND RESOURCE ROOM). GATHERING PLAZA, PEDESTRIAN WAY AND PARK ENTRANCE GATEWAY. ADDITIONAL PARK RELATED IMPROVEMENTS WILL INCLUDE WATER UTILITY LINE ADJUSTMENTS, SEATING AREAS, LANDSCAPED AREAS, LIGHTING AND PLAY AREAS.

ISSUED:

1) 90% DRAFT SET - JULY 2017

VICINITY MAP



Monday, June 26, 2017 4:39:58 PM DRAWING: \\TTS181FS1\Projects\Destin\2014\200-08535-14002 Heritage Park & Plaza Design\CAD\SheetFiles\G-001 General Notes.DWG LAYOUT: G001 USER NAME: LOPEZ, HERNAN

- GENERAL:**
- BENCHMARK FOR CONSTRUCTION HAS BEEN PROVIDED ON SHEET V101 .
 - ALL WORK WITHIN THE FDOT R.O.W. SHALL BE IN ACCORDANCE WITH THE MOST CURRENT VERSION OF FDOT DESIGN STANDARDS AND STANDARD SPECIFICATIONS.
 - ALL LABOR, MATERIALS, AND METHODS OF CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE MINIMUM ENGINEERING AND CONSTRUCTION STANDARDS ADOPTED BY THE CITY OF DESTIN (CITY). THE PLANS AND CONSTRUCTION SPECIFICATIONS, WHERE CONFLICTS OR OMISSIONS EXIST, THE CITY STANDARDS SHALL DICTATE. SUBSTITUTIONS AND DEVIATION FROM PLANS AND SPECIFICATIONS SHALL BE PERMITTED ONLY WHEN WRITTEN APPROVAL HAS BEEN ISSUED BY THE ENGINEER.
 - SHOP DRAWINGS OF ALL MATERIALS BEING USED SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO ORDER, SHIPMENT, OR INSTALLATION.
 - ALL MATERIALS AND CONSTRUCTION TO BE IN ACCORDANCE WITH THE CITY CONSTRUCTION SPECIFICATIONS, LATEST EDITION, UNLESS OTHERWISE WAIVED.
 - IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL REQUIRED PERMITS ARE OBTAINED AND IN HAND BEFORE BEGINNING ANY CONSTRUCTION. NO CONSTRUCTION OR FABRICATION OF ANY ITEM SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED ALL PLANS AND ANY OTHER DOCUMENTATION FROM ALL OF THE PERMITTING AND ANY OTHER REGULATORY AUTHORITIES. ANY PENALTIES, STOP WORK ORDERS ON ADDITIONAL WORK RESULTING FROM THE CONTRACTOR BEING IN VIOLATION OF THE REQUIREMENTS ABOVE SHALL BE FULLY BORNE BY THE CONTRACTOR.
 - THE LOCATION OF ALL EXISTING UTILITIES AND STORM DRAINAGE SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR INACCURACY. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATION OF THESE UTILITIES WITH THE OWNER OF THE UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING UNDERGROUND UTILITIES, WHETHER SHOWN ON THE PLAN OR LOCATED BY THE UTILITY COMPANY. ALL UTILITIES WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FIRST. ANY FEES ASSOCIATED WITH UTILITY RELOCATIONS SHALL BE BORNE IN ACCORDANCE WITH RESPECTIVE UTILITY COMPANY STANDARDS. IT IS REQUESTED UTILITY COMPANIES MOVE THEIR PARTICULAR UTILITIES. ANY DELAY OR INCONVENIENCE CAUSED TO THE CONTRACTOR BY THE RELOCATION OF THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED.
 - THE CONTRACTOR SHALL SCHEDULE A PRECONSTRUCTION MEETING TO BE HELD BETWEEN THE CITY, UTILITIES, ENGINEER OF RECORD, AND CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - THE SEQUENCE OF CONSTRUCTION SHALL BE SUCH THAT ALL UNDERGROUND INSTALLATIONS OF EVERY KIND, INCLUDING LANDSCAPE SPRINKLERS, SHALL BE PLACED BENEATH THE PAVEMENT AND ITS EDGES PRIOR TO THE CONSTRUCTION OF THE PAVEMENT. THE PAVEMENT SHALL NOT BE CUT WITHOUT PRIOR APPROVAL OF THE ENGINEER.
 - THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION AND AT LEAST 48 HOURS HOURS BEFORE REQUIRED INSPECTION ON EACH AND EVERY PHASE OF WORK. THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 48 HOURS NOTICE BEFORE SCHEDULED TESTING. NO PRESSURE TESTING, OR FINAL TESTING WILL BE ACCEPTED UNLESS WITNESSED BY THE ENGINEER'S REPRESENTATIVE.
 - ALL CONTRACTORS, CITY REPRESENTATIVES, AND UTILITY COMPANIES ARE RESPONSIBLE FOR THEIR RESPECTIVE SURVEYING AND LAYOUT FROM BENCHMARK PROVIDED ON CONSTRUCTION PLANS. ANY SURVEY MONUMENTATION DISTURBED DURING CONSTRUCTION SHALL BE REPLACED UPON COMPLETION OF THE WORK BY A REGISTERED LAND SURVEYOR IN THE STATE OF FLORIDA.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING ANY CONSTRUCTION ACTIVITIES FROM TAKING PLACE OUTSIDE OF THE RIGHTS-OF-WAY OR TEMPORARY CONSTRUCTION EASEMENT SHOWN ON THE PLANS. ANY ON-SITE OR OFF-SITE AREAS DISTURBED SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER AS DIRECTED BY THE CITY UNLESS NOTED ON THE PLANS.
 - THE CONTRACTOR SHALL MAINTAIN A CURRENT SET OF CONSTRUCTION PLANS AND ALL PERMITS ON THE JOB SITE DURING ALL PHASES OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE TOTAL OF (2) SETS OF RECORD DRAWINGS TO THE ENGINEER OF RECORD WITHIN TWO (2) WEEKS AFTER CONSTRUCTION HAS BEEN COMPLETED ON EACH PHASE IN ACCORDANCE WITH CONTRACT DOCUMENTS.
 - TOPOGRAPHIC INFORMATION SHOWN ON THESE PLANS HAS BEEN PROVIDED BY TETRA TECH.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY TESTING TO ASSURE THAT THE PROPER COMPACTION HAS BEEN ACHIEVED ON THE SUBGRADE, BASE, AND ALL OTHER PERTINENT AREAS THAT HAVE BEEN COMPLETED. THE CONTRACTOR SHALL BEAR ALL COSTS ASSOCIATED WITH TESTING AND RETESTING OF THE AREAS AND SHALL PROVIDE THE OWNER AND THE ENGINEER WITH COPIES OF THE CERTIFICATION OF COMPACTION FROM THE TESTING COMPANY.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE EXISTING SITE CONDITIONS OF SOIL PRIOR TO BIDDING PROJECT IF ANY OFF SITE MATERIALS WILL NEED TO BE IMPORTED TO ACHIEVE THE GRADES SPECIFIED ON THE PLANS. A COPY OF THE CITY'S GEOTECHNICAL REPORT IS INCLUDED IN THE CONTRACT DOCUMENTS FOR CONTRACTOR'S REFERENCE.
 - ALL EXCESS FILL FROM SITE SHALL BE STOCKPILED BY THE CONTRACTOR, IN A LOCATION DETERMINED BY THE CITY OR THE CITY'S REPRESENTATIVE AND THE ENGINEER.
 - CLEAR AREAS INDICATED SHALL BE COMPLETELY CLEAR OF ALL TIMBER, BRUSH, STUMPS, ROOTS, GRASS, WEEDS, RUBBISH, AND ALL OTHER DEBRIS AND OBSTRUCTIONS RESTING ON OR PROTRUDING THROUGH THE SURFACE OF THE GROUND.
 - PRIOR TO BID PREPARATION, THE CONTRACTOR MUST BECOME FAMILIAR WITH THE OVERALL SITE CONDITIONS AND PERFORM ADDITIONAL INVESTIGATIONS AS DETERMINED NECESSARY TO UNDERSTAND THE LIMIT AND DEPTH OF EXPECTED ORGANIC SILT PEAT AREAS, ADEQUACY OF EXISTING MATERIALS AS FILL, DEWATERING REQUIREMENTS, CLEAN FILL REQUIRED FROM OFFSITE, AND MATERIALS TO BE DISPOSED OF OFFSITE, ALL OF WHICH WILL AFFECT HIS PRICING. ANY DELAY, INCONVENIENCE, OR EXPENSE CAUSED TO THE CONTRACTOR DUE TO INADEQUATE INVESTIGATION OF EXISTING CONDITIONS SHALL BE INCIDENTAL TO THE CONTRACT, AND NO EXTRA COMPENSATION WILL BE ALLOWED. THE MATERIALS ANTICIPATED TO BE ENCOUNTERED DURING CONSTRUCTION MAY REQUIRE DRYING PRIOR TO USE AS BACKFILL, AND THE CONTRACTOR MAY HAVE TO IMPORT MATERIALS, AT NO EXTRA COST, FROM OFFSITE TO MEET THE REQUIREMENTS FOR COMPACTION AND PROPER FILL.
 - CONTRACTOR IS RESPONSIBLE FOR AND SHALL COMPLY WITH THE CITY'S CONSTRUCTION CONTROL ORDINANCE, WHICH MINIMIZES THE EFFECT OF CONSTRUCTION ON THE SURROUNDING NEIGHBORHOODS. THE ORDINANCE INCLUDES, BUT IS NOT LIMITED TO, VIBRATION CONTROL, DUST CONTROL, PARKING MITIGATION, REDUCED WEEKEND WORK HOURS, AND EMERGENCY SIGNAGE. A COPY OF THIS ORDINANCE IS INCLUDED IN THE CONTRACT DOCUMENTS.

DEMOLITION:

- THE CONTRACTOR SHALL OBTAIN NECESSARY PERMITS AND LICENSES FOR PERFORMING THE DEMOLITION WORK AND SHALL FURNISH A COPY OF SAME TO THE ENGINEER PRIOR TO COMMENCING THE WORK. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE PERMITS.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES OR LOCAL AUTHORITIES FURNISHING GAS, WATER, ELECTRICAL, TELEPHONE, OR SEWER SERVICE SO THEY CAN REMOVE, RELOCATE, DISCONNECT, CAP OR PLUG THEIR EQUIPMENT IN ORDER TO FACILITATE DEMOLITION.
- THE CONTRACTOR SHALL PROTECT ALL UTILITIES AND OTHER IMPROVEMENTS SHOWN ON THESE PLANS AND UTILITIES AND OTHER IMPROVEMENTS NOT SHOWN. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR REPAIRS OF UTILITIES AND OTHER IMPROVEMENTS DAMAGED DURING CONSTRUCTION AND SHALL MAINTAIN SUFFICIENT PROTECTION FOR ALL UTILITIES REQUIRED TO PROTECT THEM FROM DAMAGE AND TO PROTECT THE PUBLIC DURING CONSTRUCTION. CONTRACTOR SHALL ALSO SUPPORT EXISTING UTILITIES AS REQUIRED FOR INSTALLATION OF ALL PROPOSED IMPROVEMENTS. ALL COSTS ASSOCIATED WITH PROTECTING, SUPPORTING, REPAIRING, AND OTHER ACTIVITIES RESULTING FROM CONTRACTOR DAMAGING UTILITIES SHALL BE THE CONTRACTOR'S RESPONSIBILITY AT NO ADDITIONAL COST TO THE CITY.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL TREES, STRUCTURES, AND UTILITIES NOT MARKED FOR REMOVAL OR DEMOLITION AND SHALL PROMPTLY REPAIR ANY DAMAGE AS DIRECTED BY THE ENGINEER AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL REMOVE PAVING MARKED FOR DEMOLITION WHICH INCLUDES ALL ASPHALT, CONCRETE, BASE, AND RETAINING WALLS (INCLUDING THE FOOTERS).
- THE CONTRACTOR SHALL REMOVE TREES MARKED FOR REMOVAL WHICH INCLUDES THE ROOTS ASSOCIATED WITH THE TREE. TREES NOT MARKED FOR REMOVAL SHALL BE PROTECTED IN ACCORDANCE WITH F.D.O.T. INDEX NO. 544 TREE PROTECTION BARRICADE.
- CONTRACTOR SHALL TAKE PROPER MEASURES TO ENSURE EXCAVATED OR UNSALVAGEABLE MATERIAL STORED ON-SITE ARE PROTECTED AGAINST EROSION AND SEDIMENTATION. THE CONTRACTOR SHALL REMOVE UNSALVAGEABLE MATERIALS AND YARD WASTE FROM THE SITE IN A TIMELY MANNER AND DISPOSE OF IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.
- THE CONTRACTOR SHALL SAW-CUT A SMOOTH STRAIGHT EDGE ON ANY PAVEMENT PROPOSED FOR DEMOLITION PRIOR TO ITS REMOVAL. PRIOR TO CONNECTING PROPOSED PAVEMENT TO EXISTING PAVEMENT, THE CONTRACTOR SHALL ENSURE THAT THE EDGE OF THE EXISTING PAVEMENT IS STRAIGHT AND UNIFORM.
- THE CONTRACTOR SHALL REMOVE, STORE, AND REPLACE ALL SPECIAL C.R.A. DISTRICT STREET SIGNS AND POLES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR REPLACING ANY LOST OR DAMAGED C.R.A. STREET SIGNS OR POLES AT NO COST TO THE CITY. ALL C.R.A. DISTRICT SIGNS OR POLES SHALL BE REPLACED IN EXISTING OR BETTER CONDITION. EXISTING C.R.A. SIGNS NOT SHOWN TO BE REUSED WITHIN THE PROJECT SHALL BECOME THE PROPERTY OF THE CITY.

OTHER UTILITY INFORMATION:

- THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES WHICH MAY HAVE THEIR UTILITIES WITHIN THE CONSTRUCTION AREAS TO LOCATE THEIR FACILITIES IN THE FIELD FORTY- EIGHT (48) HOURS PRIOR TO BEGINNING CONSTRUCTION.
- CHAPTER 553 - 851 OF THE FLORIDA STATUTES REQUIRES THAT AN EXCAVATOR NOTIFY GAS UTILITIES A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO EXCAVATING. THE DRAWINGS SHOW ONLY THE APPROXIMATE LOCATION OF GAS MAINS AND DO NOT SHOW SERVICE LINES.
- LANDSCAPING, SHRUBS OR TREES SHALL NOT BE LOCATED WITHIN 10 FEET OF ANY FIRE HYDRANT AND/OR FIRE DEPARTMENT CONNECTION.
- WATER FOR FIRE FIGHTING PURPOSES SHALL BE AVAILABLE PRIOR TO COMBUSTIBLES BEING BROUGHT ON SITE.
- CONTRACTOR SHALL BE REQUIRED TO FURNISH ALL SERVICES, EQUIPMENT, MATERIALS, COSTS, LABOR, AND OTHER RELATED REQUIREMENTS FOR THE INSTALLATION OF WATER SERVICE LINES AND BACK FLOW PREVENTERS FROM RELOCATED LOCATIONS TO THE PROPOSED AREAS AS SHOWN ON THE PLANS. THIS WORK SHALL INCLUDED NEW WATER SERVICE LINES AND BACK FLOW PREVENTERS IN ACCORDANCE WITH AMERICAN WATER WORKS ASSOC. (AWWA) DESIGN CRITERIA BETWEEN THE NEW WATER METER (BY OTHERS) AND EXISTING SERVICE LINE AT THE SOUTHERLY RIGHT-OF-WAY LINE. THE LOCATIONS FOR THE BACK FLOW PREVENTERS SHALL BE LOCATED AS SHOWN ON THE PLANS AND SHALL BE IN ACCORDANCE WITH ACCEPTABLE MANUFACTURERS AUTHORIZED BY DESTIN WATER USERS (DWU).

EARTHWORK, GRADING, STABILIZATION, PAVING, AND DRAINAGE:

- COMPACT ALL UTILITY TRENCHES WITHIN ROADWAYS TO 98% OF THE MODIFIED PROCTOR MAXIMUM DENSITY (AASHTO T - 180) AND TO 95% WITHIN OTHER AREAS.
- STABILIZED SUBGRADE TO BE F.D.O.T. TYPE "B".
- ASPHALTIC CONCRETE TO FDOT STANDARD SPECIFICATION (LATEST EDITION) SECTION 916.1.
- ALL CONCRETE STRUCTURES, SUCH AS, BUT NOT LIMITED TO: FLUMES, WALKS, CURBS AND DRAINAGE STRUCTURES, SHALL BE TO FDOT STANDARD SPECIFICATION (LATEST EDITION).
- ALL ON-SITE AREAS DISTURBED BY THE CONSTRUCTION SHALL BE STABILIZED IN ACCORDANCE WITH HARDSCAPE PLANS OR WITH SOD (SAME AS SURROUNDING AREA OR BETTER) OR APPROVED EQUAL.
- ALL DEWATERING COSTS ASSOCIATED WITH THE PERMITTING, INSTALLATION, MAINTENANCE, AND CONSTRUCTION OF THE UNDERGROUND UTILITIES; STORM WATER PIPES AND MANHOLES; SANITARY SEWER MAINS, FORCE MAINS, MANHOLES, AND LIFT STATIONS; AND STORM WATER MANAGEMENT SYSTEMS SHALL BE INCLUDED AS PART OF THE CONSTRUCTION BID COSTS. THE CONTRACTOR SHALL SUBMIT FOR WATER USE PERMITS IF REQUIRED FOR DEWATERING ACTIVITIES.
- ALL PIPES SHALL HAVE 3 FEET MINIMUM COVER UNLESS OTHERWISE SPECIFIED IN PLANS, CONTRACTOR SHALL TAKE CARE TO PROVIDE PROPER GRADE ELEVATIONS AND ALIGNMENTS.
- PLANS AND SPECIFICATIONS REQUIRE THAT COMPACTED BACKFILL BE PLACED ALONG SIDE OF AND OVER ALL UTILITIES. THE ENGINEER MAY REQUIRE THAT COMPACTION TESTS BE TAKEN TO VERIFY BACKFILL COMPACTION. THE COST OF SUCH COMPACTION TESTS WILL BE BORNE BY THE CONTRACTOR.
- THE CONTRACTOR MUST INSTALL AND MAINTAIN GRASS OR SOD ON EXPOSED SLOPES WITHIN 48 HOURS OF COMPLETED FINAL GRADES, AS NOTED ON PLANS, AND AT ANY OTHER TIME AS NECESSARY TO PREVENT EROSION, SEDIMENTATION OR TURBID DISCHARGES TO ANY DOWNSTREAM WATER BODY, WETLAND, OR OFF-SITE PROPERTY. SODDING ON SLOPES 3:1 AND STEEPER SHALL BE STAKED.
- THE CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO CONTROL TURBIDITY AND SEDIMENT INCLUDING, BUT NOT LIMITED TO, THE INSTALLATION OF TURBIDITY BARRIERS AND SILT FENCES AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS INTO THE RECEIVING WATER BODY EXISTS DUE TO THE PROPOSED WORK. TURBIDITY AND SEDIMENT BARRIERS MUST BE INSTALLED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND MAINTAINED AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND DISTURBED SOIL AREAS ARE STABILIZED. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REMOVING THE BARRIERS. AT NO TIME SHALL THERE BE ANY OFFSITE DISCHARGE WHICH VIOLATES THE WATER QUALITY STANDARDS IN CHAPTERS 62-302 AND 62-4, FLORIDA ADMINISTRATIVE CODE.

MAINTENANCE OF TRAFFIC (MOT) NOTES (GENERAL):

- ELEVATED "SIDEWALK CLOSED" SIGNS SHALL BE MOUNTED AT ALL SIDEWALKS WHERE CONSTRUCTION ACTIVITY OCCURS ON TYPE I BARRICADES WITH WARNING LIGHTS. THEY SHALL BE MAINTAINED AND IN OPERATING CONDITION THROUGHOUT THE DURATION OF THIS PROJECT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PREPARE AND IMPLEMENT AN ACCEPTABLE (AS APPROVED BY THE CITY) TEMPORARY ALTERNATIVE PEDESTRIAN ACCESS PLAN IN ACCORDANCE WITH STATE AND FEDERAL HANDICAP ACCESSIBILITY LAWS AND REQUIREMENTS FOR ALL SIDEWALK CLOSING POINTS.
- ALL TRAFFIC CONTROL SIGNS SHALL BE IN ACCORDANCE WITH FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DESIGN STANDARDS, LATEST EDITION.
- NOTIFY CITY PUBLIC SERVICES DEPARTMENT 48 HOURS IN ADVANCE OF LANE AND STREET CLOSURES 837-4242.
- EXCAVATIONS SHALL BE BACKFILLED OR STEEL PLATED DURING NON-WORKING HOURS.
- ALL TRAFFIC CONTROL SIGNS SHALL BE REMOVED AT THE CONCLUSION OF THE FINAL WORK.
- ALL DRIVEWAY ACCESS POINTS MUST BE MAINTAINED FOR THE DURATION OF THE PROJECT IN CONDITION DEEMED ACCEPTABLE BY THE CITY AND IN ACCORDANCE WITH THE PLANS.
- TEMPORARY TRAFFIC BARRIERS, SIGNAGE, AND MARKINGS SHALL CONFORM WITH FDOT STANDARD MAINTENANCE OF TRAFFIC OPERATIONS REGULATIONS.
- ALL PERMANENT TRAFFIC SIGNAGE AND STRIPING DISTURBED DURING DEMOLITION ACTIVITIES IS TO BE REPLACED IN EQUAL OR BETTER CONDITION BY CONTRACTOR AT NO ADDITIONAL COST.
- ONE DRIVEWAY LANE MUST BE MAINTAINED AT ALL TIMES AND NO DRIVEWAY CLOSURES BETWEEN THE HOURS OF 9 PM - 6 AM.
- CONTRACTOR SHALL PROVIDE MOT-11-04 BLUE/WH "BUSINESS ENTRANCE" SIGNS FOR ALL EXISTING BUSINESSES.
- WORKING HOURS FOR THIS PROJECT WILL BE 24 HOURS - 7 DAYS PER WEEK, BUT ALL TRAVEL LANE AND DRIVEWAY CLOSURES WILL BE LIMITED TO 7 PM - 6 AM. CONTRACTOR MAY COMMENCE MOVING MOT ITEMS AND EQUIPMENT AT 6 AM, BUT ALL TRAVEL LANES AND DRIVEWAYS SHALL BE OPEN AND ALL TEMPORARY DRIVEWAY MATERIALS IN PLACE ACCEPTABLE BY THE CITY PRIOR TO 6 AM.
- CONTRACTOR SHALL INCLUDE THE COSTS FOR ALL LABOR, MATERIALS, RENTAL FEES, DELIVERY, MAINTENANCE, AND ALL OTHER INCIDENTALS FOR TWO FUNCTIONING ELECTRONIC MESSAGE BOARDS FOR 21 STRAIGHT DAYS. THE BOARDS SHALL OPERATE 24 HOURS PER DAY, 7 DAYS PER WEEK WITH A MESSAGE NOTIFYING DRIVERS OF THE NEW TRAFFIC SIGNAL'S PENDING OPERATION. THE WORDING OF THE MESSAGE AND COMMENCEMENT OF DISPLAYING THE MESSAGE SHALL BE BASED ON THE CITY'S REVIEW AND APPROVAL.

EROSION CONTROL NOTES:

- TEMPORARY STABILIZATION IS REQUIRED OF ALL SOIL LEFT BARE FOR GREATER THAN 14 DAYS.
- PERMANENT SOIL STABILIZATION REQUIRED. SEE HARDSCAPE PLANS FOR SOD AND OTHER IMPROVEMENT LOCATIONS.
- REQUIRED INSPECTIONS BY CONTRACTOR DURING CONSTRUCTION:
 - ONCE EACH WEEK OR WITHIN 24 HRS OF A STORM EVENT (GREATER THAN 1/2 IN.) INSPECT ALL CONTROL MEASURES.
 - REPAIR ALL DAMAGED AREAS WITHIN 24 HRS OF DISCOVERY.

LOCAL UTILITIES:

UTILITY	STREET ADDRESS	CITY, STATE, ZIP	PHONE	POINT OF CONTACT
GULF POWER	34854 EMERALD COAST PARKWAY	DESTIN, FL 32547	(850) 833-4881	TOM RICHARDSON
COX COMMUNICATIONS	320 RACETRACK RD. NW	FT. WALTON BEACH, FL 32547	(850) 314-8163	ROGER DIXON
CENTURYLINK	650 DENTON BLVD.	FT. WALTON BEACH, FL 32547	(850) 664-3054	CARMEN GUFFEY
DESTIN WATER USERS, INC.	14 INDUSTRIAL PARK LN.	DESTIN, FL 32541	(850) 837-6146	STEVE SCHMITT
OKALOOSA GAS (OPERATIONS)	364 VALPARAISO PKWY.	VALPARAISO, FL 32580	(850) 729-4870	ESSA RHEBI
SOUTHERN LIGHT FIBER	201 ST. JOSEPH STREET SUITE E	MOBILE, AL 36602	(251) 259-0807	DJ McAULEY

EROSION CONTROL NOTES (CONTINUED):

- REMOVE ANY BUILT-UP SEDIMENT AROUND FENCES THAT REACHES 1/3 OF THE SILT FENCE HEIGHT.
 - SILT FENCES SHOULD BE INSPECTED FOR DEPTH OF SEDIMENT AND TEARS TO INSURE FABRIC HAS NOT PULLED AWAY FROM POSTS.
 - INSPECT ALL TEMPORARY AND PERMANENT SOIL STABILIZATION FOR WASHOUTS OR BARE SPOTS.
 - INSPECTION REPORTS MUST BE AVAILABLE FOR INSPECTION AT ALL TIMES. THE SITE SUPERINTENDENT SHALL CONDUCT ALL INSPECTIONS AND MAINTAIN REPORTS.
 - DATES OF ALL MAJOR GRADING ACTIVITIES MUST BE RECORDED AND MAINTAINED WITH SITE INSPECTIONS WHEN MAJOR GRADING HAS CEASED IN ANY AREA, THE DATE MUST ALSO BE RECORDED.
- THE SITE SHOULD BE KEPT IN AN ORDERLY FASHION, THE CONTRACTOR SHALL ENSURE THE FOLLOWING ITEMS ARE ADDRESSED:
 - AN EFFORT TO STORE ONLY WHAT IS NEEDED ON THE SITE.
 - KEEP ALL STORED MATERIALS IN A NEAT AND ORDERLY FASHION IN THE ORIGINAL CONTAINERS WHEN POSSIBLE.
 - FOLLOW ALL MANUFACTURERS RECOMMENDED PROCEDURES FOR DISPOSAL OF WASTE MATERIAL.
 - INSPECT DAILY TO INSURE WASTE MATERIAL IS DISPOSED OF PROPERLY.
 - CITY RESERVES THE RIGHT TO TERMINATE ALL CONSTRUCTION ACTIVITIES UNTIL CONTRACTOR ADEQUATELY INSTALLS, MAINTAINS, AND/OR REPLACES EROSION CONTROL MEASURES TO CONDITION ACCEPTED BY THE CITY AT NO ADDITIONAL CHANGE OR INCREASE IN CONTRACT PERIOD.

SPILL CONTROL NOTES:

- IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS NOTES OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:
 - MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.
 - ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.
 - SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF SIZE.
 - THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.
 - THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR.

SURVEYOR'S NOTES:

- THERE MAY BE EASEMENTS AND RESTRICTIONS OF RECORDS AND/OR PRIVATE AGREEMENTS NOT FURNISHED TO THIS SURVEYOR THAT MAY AFFECT PROPERTY RIGHTS AND/OR LAND USE RIGHTS OF THE LANDS SHOWN HEREON.
- NO UNDERGROUND INSTALLATIONS, FOUNDATION FOOTINGS OR IMPROVEMENTS HAVE BEEN LOCATED EXCEPT AS NOTED.
- THIS EXISTING CONDITIONS SURVEY WAS PERFORMED IN DECEMBER 2013 BY THE CITY OF DESTIN.
- CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES. UTILITIES SHOWN ON THE PLANS ARE BASED ON BEST AVAILABLE INFORMATION.
- CONTRACTOR SHALL CONFIRM EXISTING CONDITIONS AND IS REQUIRED TO RETAIN SURVEYOR TO FIELD LOCATE EXISTING RIGHT-OF-WAY LINE AS PROVIDED IN THE CONTRACT DOCUMENTS.

PLAN SET NOTES:

EXISTING CONDITIONS NOTES:

- AERIAL PHOTOGRAPH PROVIDED BY OKALOOSA COUNTY AND IS DATED APRIL, 2004.

GRADING & DRAINAGE NOTES:

- GROUNDWATER WAS ENCOUNTERED AT A DEPTH OF 4' TO 56" BELOW GRADE ON THE SOUTH END OF THE SITE AND NO GROUNDWATER WAS ENCOUNTERED TO A DEPTH OF 10' TO 14' ON THE NORTH END OF THE SITE. SEE GEOTECHNICAL REPORT.

SIGNING AND MARKING NOTES:

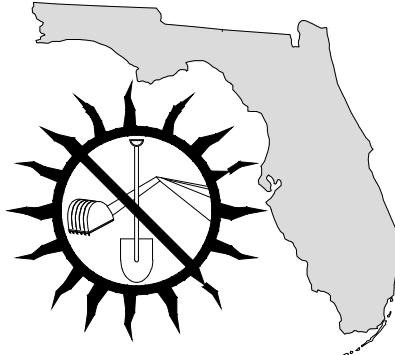
- ALL PAVEMENT STRIPING AND MARKINGS LOCATED WITHIN THE CITY'S RIGHT-OF-WAY TO BE SOLID AND REFLECTIVE THERMOPLASTIC. IN ACCORDANCE WITH FDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRCTION (LATEST EDITION) UNLESS OTHERWISE STATED.
- REFLECTIVE PAVEMENT MARKERS ARE REQUIRED ALONG ALL NEW STRIPING IN ACCORDANCE WITH FDOT INDEX NO. 17352.

LIGHTING NOTES:

- SEE LIGHTING PLAN FOR SPECIFIC NOTES RELATING TO THIS PLAN ('E' SHEET SERIES)

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FLORIDA

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OKALOOSA COUNTY
FLORIDA

www.okaloosa.net

Client: City of Destin, FL
Proj. Loc.: Destin, FL

CAPTAIN ROYAL MELVIN - HERITAGE PARK

Project No.: 200-08535-14002
Designed By.: TV
Drawn By.: JW
Checked By.: MB

GENERAL NOTES

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Destin, FL 32541
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THE HARBOR CRA DISTRICT

DATE
Jun 26, 2017

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Monday, June 26, 2017 5:17:16 PM DRAWING: \ITTS181FS1\Projects\Destin\2014\200-08535-14002 Heritage Park & Plaza Design\CAD\SheetFiles\G-002 Legend.DWG LAYOUT: G002 USER NAME: LOPEZ, HERNAN

CONTROL POINTS

- BM-1 BENCHMARK
- ND NAIL & DISK
- TP TRAVERSE POINT

PROPERTY BOUNDARY

- SC SECTION CORNER
- FM MONUMENT (FOUND)
- SM MONUMENT (SET)
- F IRON (FOUND)
- SI IRON (SET)
- SECTION LINE
- PROPERTY BOUNDARY
- SETBACK
- 10-FT SETBACK (WITH DISTANCE)

EASEMENTS

- CONSTRUCTION/ DRAINAGE EASEMENT
- UTILITY EASEMENT

GEOTECHNICAL

- B-1 SOIL BORING
- DRI-1 DOUBLE RING INFILTROMETER
- AC-1 ASPHALT CORE
- MW-1 MONITORING WELL
- TH-O1 TEST HOLE

EROSION CONTROL

- HAY BALE
- INLET PROTECTION (TYP)
- SF SILT FENCE
- SSF SUPER SILT FENCE

DEMOLITION

- TREE REMOVAL
- TREE PROTECTION

SITE FEATURES

- INFORMATIONAL/ WAYFINDING SIGN
- FLAG POLE
- MAILBOX
- COMMUNITY/CLUSTER MAILBOX
- PARKING METER
- POST
- TRAFFIC BOLLARD
- BENCH
- PICNIC TABLE
- ROCK
- TRASH RECEPTACLE
- BUSH
- STUMP
- STONE WALL
- WOOD FENCE
- STEEL FENCE
- TREE LINE
- BIKE RACK
- BUS STOP SHELTER

ROADWAY

- STREET SIGN
- TRAFFIC SIGNAL MAST ARM (E/N)
- PEDESTRIAN SIGNAL POLE
- PAVEMENT MARKING
- HANDICAP SPACE MARKING
- RIGHT-OF-WAY
- CENTERLINE
- GRAVEL/UNPAVED ROAD
- SIGHT LINE
- GUARDRAIL

DRAINAGE

- ST CATCH BASIN (TYP)
- ST STORM MANHOLE
- CURB INLET (FDOT)
- DITCH BOTTOM INLET (FDOT)
- MITERED END SECTION (N)
- MITERED END SECTION (E)
- HEADWALL
- OVERLAND FLOW ARROW (N)
- OVERLAND FLOW ARROW (E)
- SLOPE ARROW (N)
- SLOPE ARROW (E)
- EMBANKMENT ARROW
- SPOT ELEVATION (N)
- SPOT ELEVATION (E)
- GRADING CONTOUR (E)
- GRADING CONTOUR (N)
- BASIN ID MARKER
- STRUCTURE ID MARKER
- WATER MARK
- STORM PIPE - SINGLE LINE W/ ANNOTATION
- STORM PIPE (N)
- STORM PIPE (E)
- DRIVEWAY TURNOUT LABEL (REFER TO DETAILS)

UTILITY - GENERAL

- LINE BREAK
- CAP
- REDUCER
- 11.5° BEND
- 22° BEND
- 45° BEND
- 60° BEND
- 90° BEND
- CROSS
- TEE
- GATE VALVE
- CHECK VALVE
- BACKFLOW PREVENTER
- REDUCED PRESSURE ZONE BFP

UTILITY

CABLE TV

- BURIED CABLE TV LINE MARKER
- CABLE TV RISER
- CABLE TV MANHOLE
- OVERHEAD CABLE TV LINE
- BURIED CABLE TV LINE

UTILITY (CONTINUED)

COMMUNICATIONS

- BURIED FIBER OPTIC MARKER
- FIBER OPTIC RISER
- BURIED FIBER OPTIC CABLE
- BURIED TELEPHONE MARKER
- TELEPHONE RISER
- TELEPHONE MANHOLE
- OVERHEAD TELEPHONE CABLE
- BURIED TELEPHONE CABLE

NATURAL GAS

- BURIED GAS PIPE MARKER
- GAS BOX/ RISER
- GAS VALVE
- BURIED GAS PIPE

ELECTRICAL

- BURIED ELECTRICAL LINE MARKER
- POWER POLE
- GUY WIRE
- ELECTRICAL BOX/ RISER
- ELECTRICAL METER
- TRANSFORMER
- MANHOLE
- PULL BOX
- PANEL BOARD
- IRRIGATION PUMP
- PEDESTRIAN LIGHT POLE
- ROADWAY LIGHT POLE
- LANDSCAPE LIGHTING
- OVERHEAD ELECTRICAL LINE
- BURIED ELECTRICAL LINE

SANITARY SEWER

- S SEWER MANHOLE
- SV SEWER VALVE
- CO CLEANOUT
- ARS AIR RELEASE STRUCTURE
- ILFC IN-LINE FLUSHING CONNECTION
- TFC FLUSHING CONNECTION
- SCS FORCEMAIN CURB STOP
- DUPLEX PUMP STATION
- SIMPLEX PUMP STATION
- LIFT STATION (TYP)
- GRAVITY SEWER PIPE (W/ DIMENSION)
- 8"S
- FM FORCE MAIN
- 4"FM FORCE MAIN (W/ DIMENSION)

WATER

- W WATER MANHOLE
- WV WATER VALVE
- WM WATER METER
- WCS WATER CURB STOP
- WELL WATER WELL
- DF DRINKING FOUNTAIN
- SPIGOT
- SH SPRINKLER HEAD
- FH FIRE HYDRANT
- W WATERMAIN
- 4"W WATERMAIN (W/ DIMENSION)
- F FIRE LINE

NOTE: UNLESS OTHERWISE NOTED, PROPOSED BLOCKS ARE SHOWN AS FILLED WHILE EXISTING BLOCKS ARE NOT FILLED, AS DEPICTED BELOW.

- S = SEWER MANHOLE (E)
- S = SEWER MANHOLE (N)

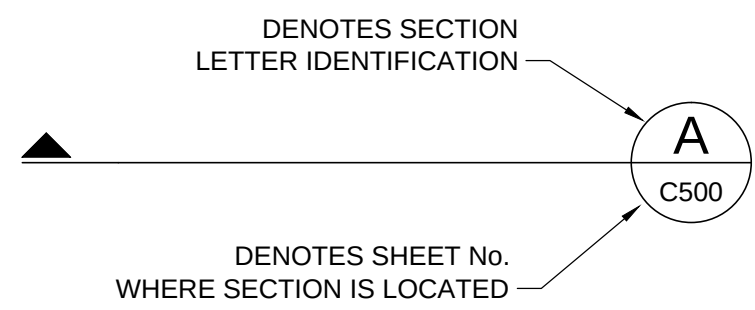
NOTE:

PLEASE SEE THE LIGHTING AND LANDSCAPE PLANS FOR SPECIFIC DESIGN LEGEND AND ABBREVIATIONS PERTAINING TO EACH RESPECTIVE PLAN.

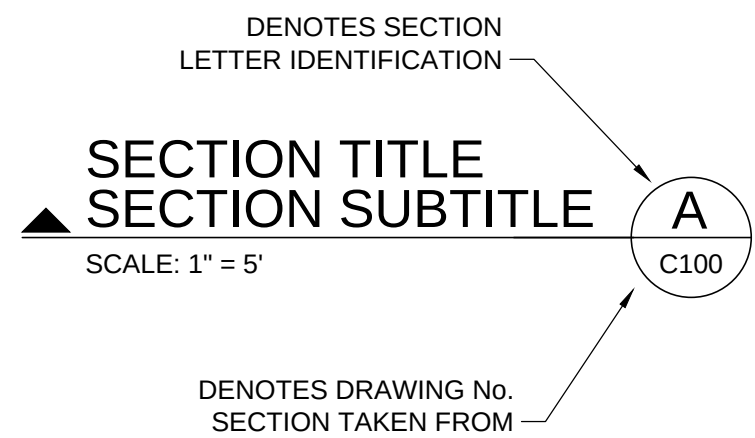
ABBREVIATIONS

(C)	CALCULATED VALUE
(D)	DEED
(E)	EXISTING
(F)	FIELD DATA
(M)	MEASURED
(N)	NEW/ PROPOSED
*	UNKNOWN TREE
±	MORE OR LESS
AC	ACRE
BOC	BACK OF CURB
BSL	BUILDING SETBACK LINE
BW	BOTTOM OF WALL
CE	CEDAR TREE
CnG	CURB AND GUTTER
CONC	CONCRETE
CR	SIDEWALK CURB RAMP
EL	ELEVATION
EOP	EDGE OF PAVEMENT
FDEP	FLA. DEPT. OF ENVIRO. PROTECTION
FDOT	FLA. DEPT. OF TRANSPORTATION
FEMA	FEDERAL EMERGENCY MGNT. AGENCY
FFE	FINISHED FLOOR ELEVATION
FM	FORCE MAIN
FND	FOUND
FO	FIBER OPTIC
FPSC	FIRE SERVICE CONNECTION
GV	GAS VALVE
HDPE	HIGH DENSITY POLYETHYLENE
INV	INVERT
JBL	JURISDICTIONAL BOUNDARY LINE
L.B.	LICENSED BUSINESS
LF	LINEAR FOOT
LT	LEFT OF CENTERLINE
MEG	MATCH EXISTING GRADE
MES	MITERED END SECTION
No.	NUMBER
NWFWMD	NW FLA. WATER MGNT. DISTRICT
O	OAK TREE
O.C.	ON CENTER
O.R.	OFFICIAL RECORDS
OE	OVERHEAD ELECTRICAL CABLE
OHU	OVERHEAD UTILITIES
ORB	OFFICIAL RECORDS BOOK
OT	OVERHEAD TELEPHONE CABLE
OTV	OVERHEAD CABLE TV LINE
P.O.B	POINT OF BEGINNING
PG.	PAGE
PI	PINE TREE
PROP	PROPOSED IMPROVEMENTS
PVC	POLYVINYL CHLORIDE
R/W	RIGHT-OF-WAY
RCP	REINFORCED CONCRETE PIPE
RIM	RIM ELEVATION
RT	RIGHT OF CENTERLINE
SF	SQUARE FOOT
SG	SWEETGUM TREE
SS	SANITARY SEWER
SSC	SANITARY SEWER CONNECTION
SSMH	SANITARY SEWER MANHOLE
ST	STORM
STMH	STORM MANHOLE
SV	SEWER VALVE
T.B.M.	TEMPORARY BENCHMARK
TCE	EASEMENT
TOB	TOP OF BANK
TOP	TOP OF STRUCTURE ELEVATION
TOS	TOE OF SLOPE
TW	TOP OF WALL
UE	BURIED ELECTRICAL CABLE
UT	BURIED TELEPHONE CABLE
UTV	BURIED CABLE TV LINE
WM	WATER MAIN
WSC	WATER SERVICE CONNECTION
WV	WATER VALVE

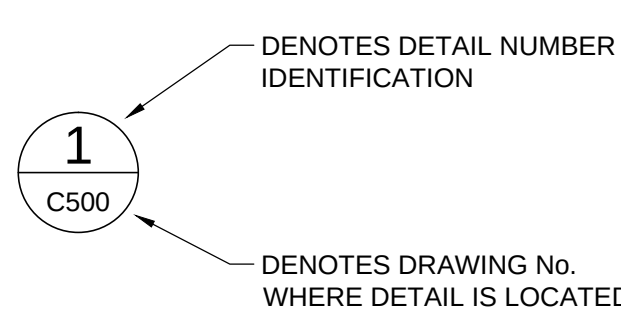
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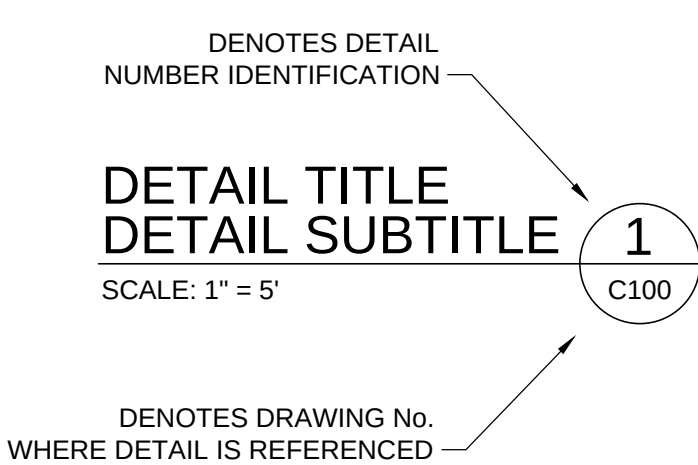
SECTION REFERENCE



SECTION TITLE



DETAIL REFERENCE



DETAIL TITLE

HATCHING

DEMOLITION

- DEMO ASPHALT TO NATURAL GROUND
- DEMO CONCRETE TO NATURAL GROUND
- DEMO STRUCTURES / WALLS
- DEMO EXISTING TREE

EXISTING

- ASPHALT
- CONCRETE
- GRAVEL ROAD
- EARTH (SECTION)
- BOARDWALK
- PINE
- PALM
- TREE

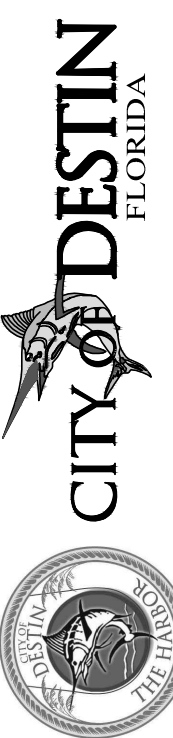
PROPOSED

- ASPHALT
- CONCRETE
- 4x8 BRICKPAVER HERRINGBONE
- DECOLOC II BRICKPAVER
- SOD

DRAFT 90% DESIGN DRAWINGS - NOT FOR CONSTRUCTION



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Engineering Business No. 2429

DATE Jun 26, 2017

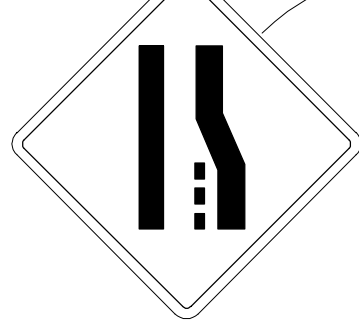
BY	DESCRIPTION	DATE	MARK

Client: City of Destin, FL
Proj. Loc.: Destin, FL

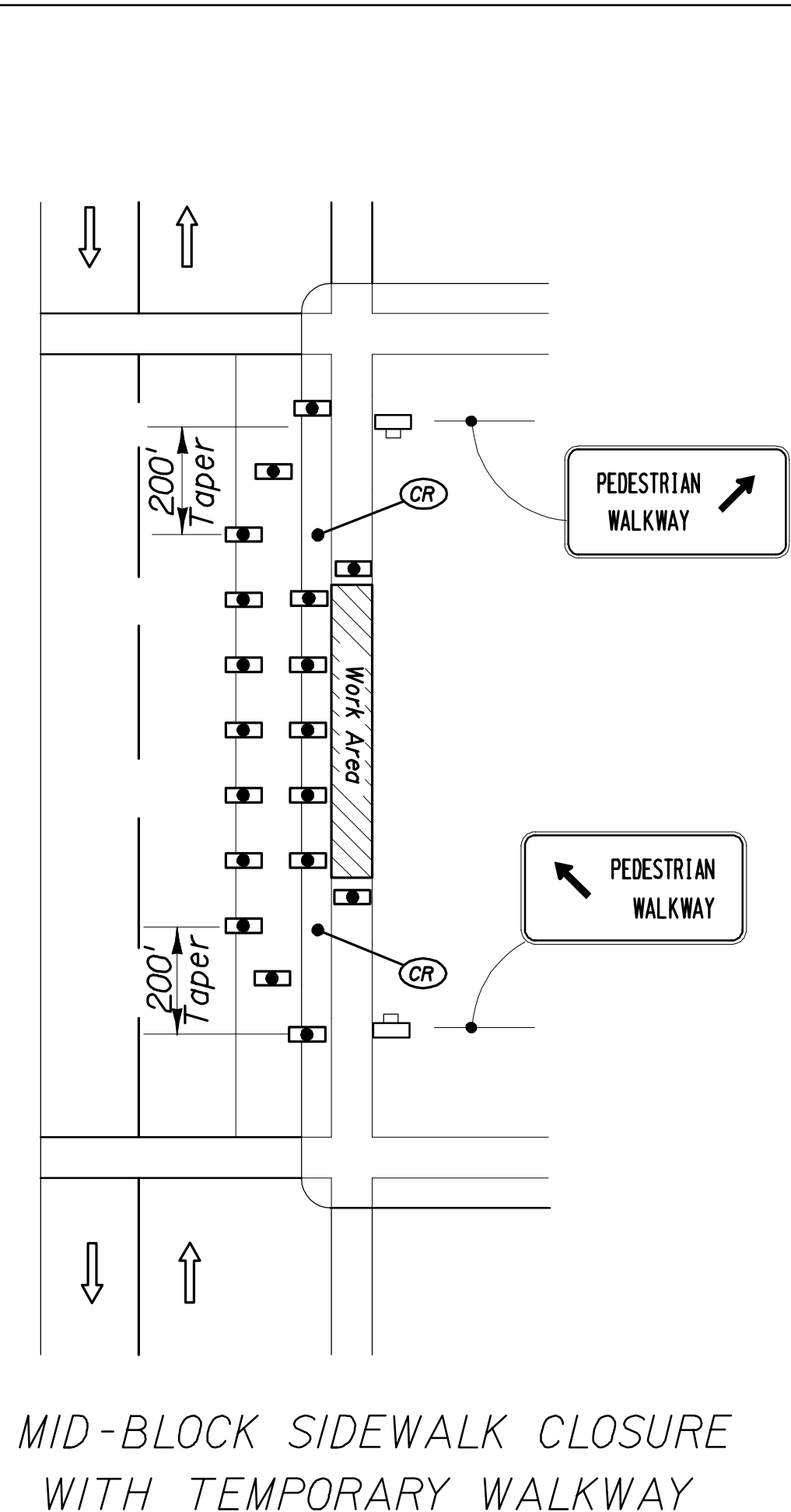
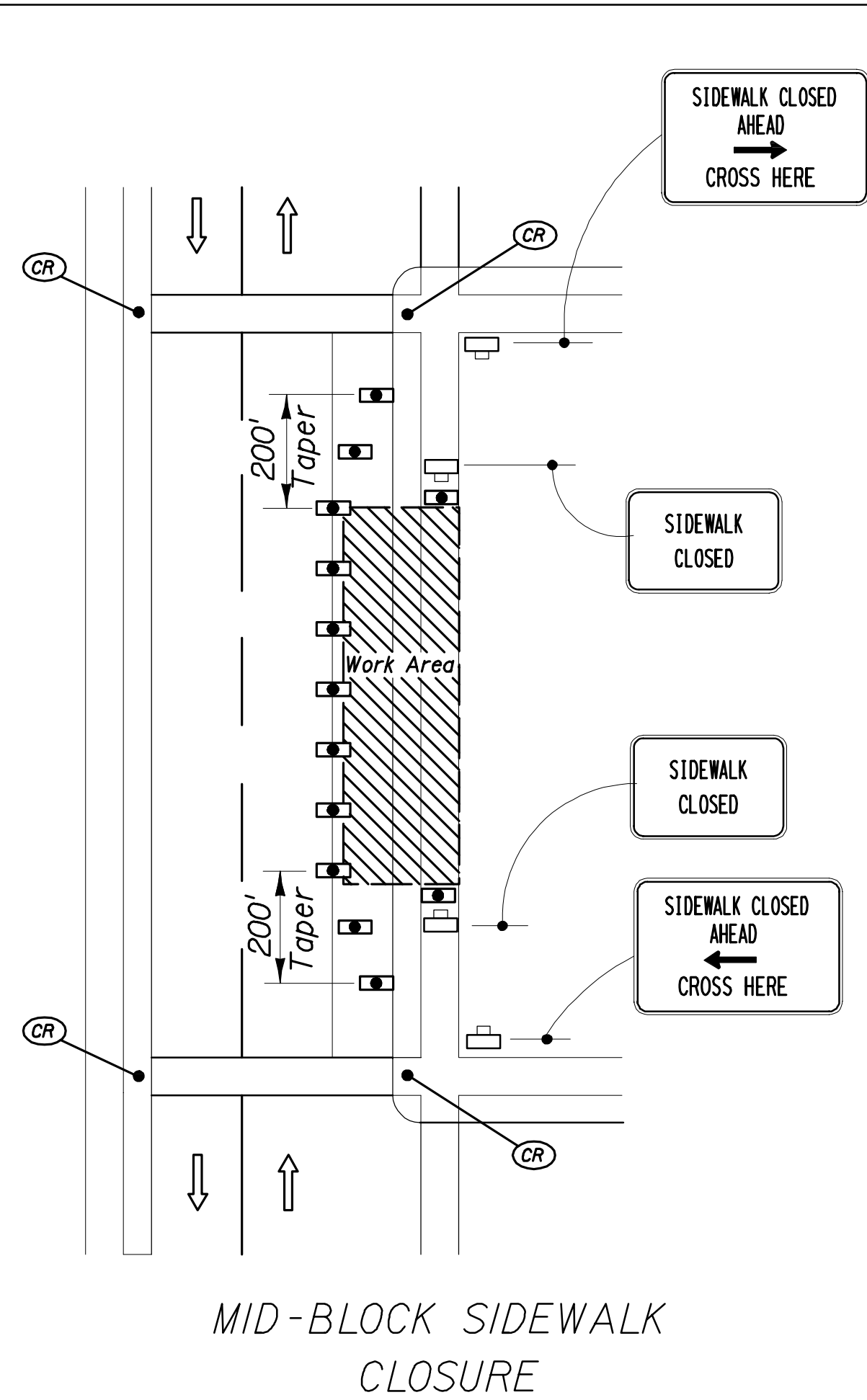
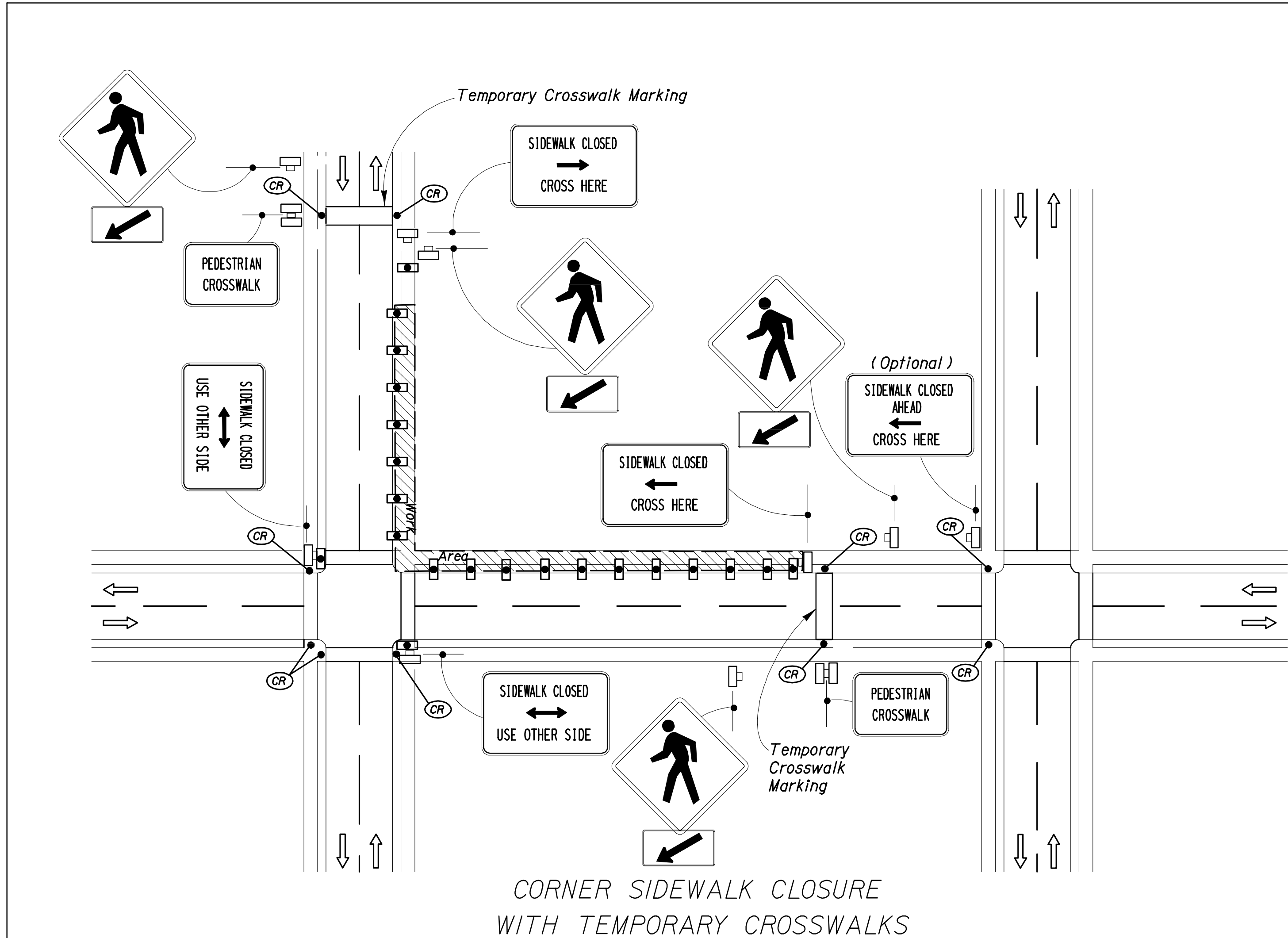
CAPTAIN ROYAL MELVIN - HERITAGE PARK
LEGEND AND ABBREVIATIONS

Project No.: 200-08535-14002
Designed By: TV
Drawn By: JW
Checked By: MB

G002



Friday, June 30, 2017 11:18:05 PM DRAWING: \\TTS181FS1\Projects\Destin\2014\200-08535-14002_Heritage Park & Plaza Design\CAD\SheetFiles\G-003 MOT.DWG LAYOUT: G004 USER NAME: LOPEZ, HERMAN



GENERAL NOTES

1. Only the signs controlling pedestrian flows are shown. Other work zone signs will be needed to control traffic on the streets.
2. For spacing of traffic control devices and general TCZ requirements refer to Index No. 600. Maximum spacing between barricades, vertical panels, drums or tubular markers shall not be greater than 25'.
3. Street lighting should be considered.
4. For nighttime closures use Type A flashing warning lights on barricades supporting signs and closing sidewalks. Use Type C steady-burn lights on channelizing devices separating the work area from vehicular traffic.
5. Pedestrian traffic signal display controlling closed crosswalks shall be covered or deactivated.
6. Post Mounted Signs located near or adjacent to a sidewalk shall have a 7' minimum clearance from the bottom of sign to the sidewalk.
7. When construction activities involve sidewalks on both sides of the street, efforts should be made to stage the construction so that both sidewalks are not out of service at the same time.
8. In the event that sidewalks on both sides of the street are closed, pedestrians shall be guided around the construction zone.
9. Temporary walkways shall be a minimum of 4' wide with a maximum 0.02 cross slope and a maximum 0.05 running slope between ramps. Temporary walkways less than 5' in width shall provide for a 5' x 5' passing space at intervals not to exceed 200'. Temporary ramps shall meet the requirements for curb ramps specified in Index No. 304, General Notes 1 through 7. Temporary walkway surfaces and ramps shall be stable, firm, slip resistant, and kept free of any obstructions and hazards such as holes, debris, mud, construction equipment, stored materials, etc.
10. Temporary ramps and temporary crosswalk markings shall be removed with reopening of the sidewalk, unless otherwise noted in the plans. All work and materials associated with constructing temporary curb ramps and temporary crosswalk markings, removal and disposal of temporary curb ramps and temporary crosswalk markings, and restoration to original condition shall be paid for as Maintenance of Traffic, Lump Sum.

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT WORKERS OR THEIR ACTIVITIES ENCROACH ON THE SIDEWALK FOR A PERIOD OF MORE THAN 60 MINUTES.

SYMBOLS

- Work Area
- Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only). (Tubular Markers May Be Used During Daylight Only. Cones May Be Used - See Index No. 600.)
- Work Zone Sign
- Required Locations For Either Temporary Or Permanent Curb Ramps.
- Lane Identification + Direction of Traffic

PEDESTRIAN CONTROL FOR CLOSURE OF SIDEWALKS

Index No.
660

DRAFT 90% DESIGN DRAWINGS - NOT FOR CONSTRUCTION

Client: City of Destin, FL Proj. Loc.: Destin, FL	CAPTAIN ROYAL MELVIN - HERITAGE PARK	MAINTENANCE OF TRAFFIC INDEX 660	Project No.:	200-08535-14002
			Designed By:	TV
			Drawn By:	JW
			Checked By:	MB

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G004

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1. IMPROVEMENTS INDICATED, INCLUDING UNDERGROUND UTILITIES, ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR.

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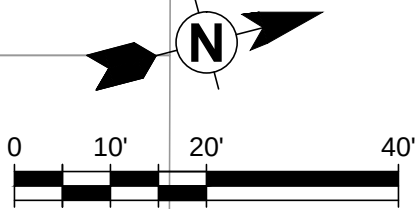
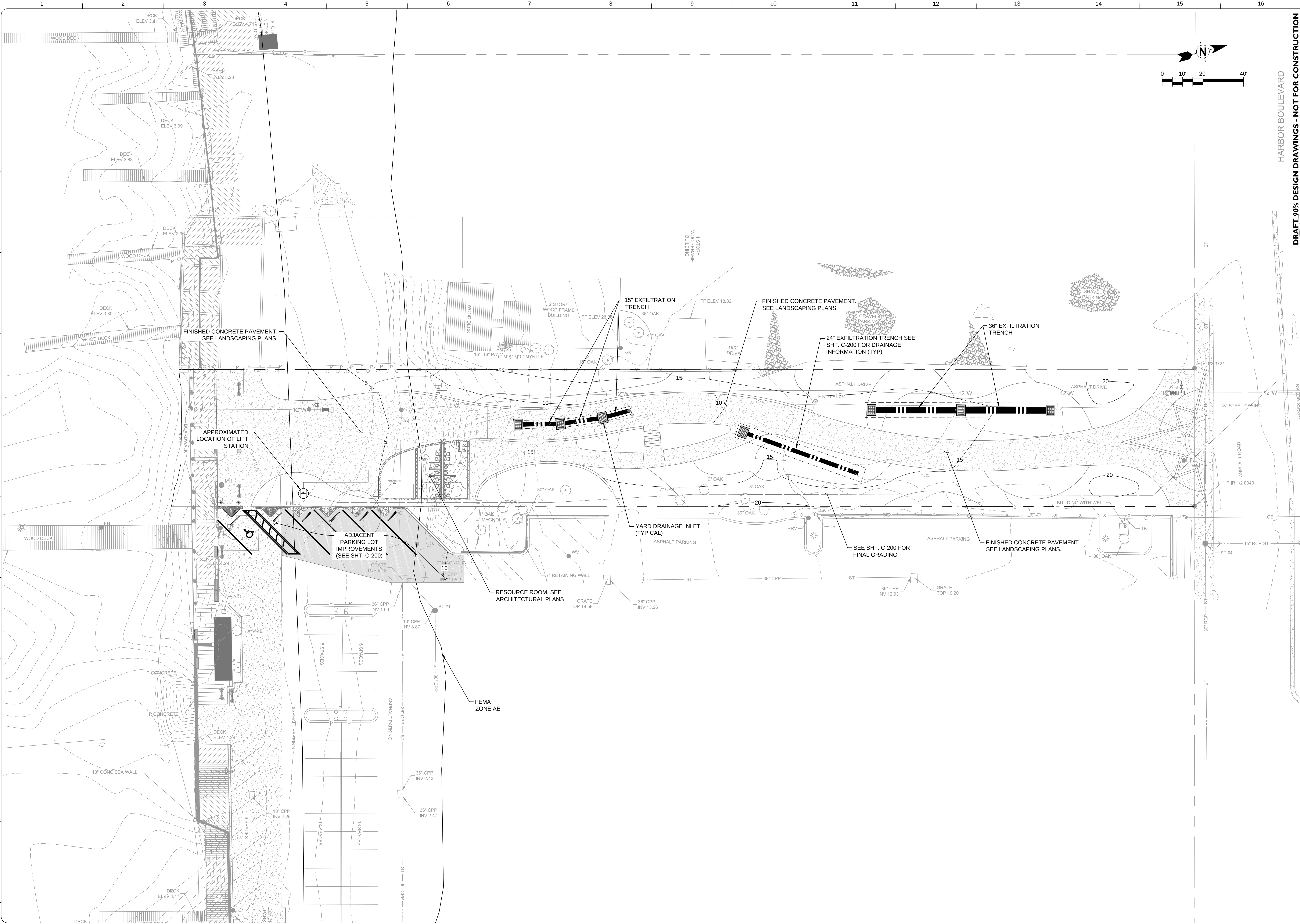
WAKTU	DATE	DESCRIPTION

EXISTING CONDITIONS

V-100

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Friday, June 30, 2017 2:47:11 PM DRAWING: \\TTS181FS1\Projects\Destin\2014\200-08535-14002 Heritage Park & Plaza Design\CAD\SheetFiles\C-100 Overall Site Plan.DWG LAYOUT: 24X36 USER NAME: LOPEZ, HERMAN



HARBOR BOULEVARD

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MARK DATE DESCRIPTION

Client: City of Destin, FL
Proj. Loc.: Destin, FL
CAPTAIN ROYAL MELVIN - HERITAGE PARK

Project No.: 200-08535-14002
Designed By: TV
Drawn By: JW
Checked By: MB

C-100

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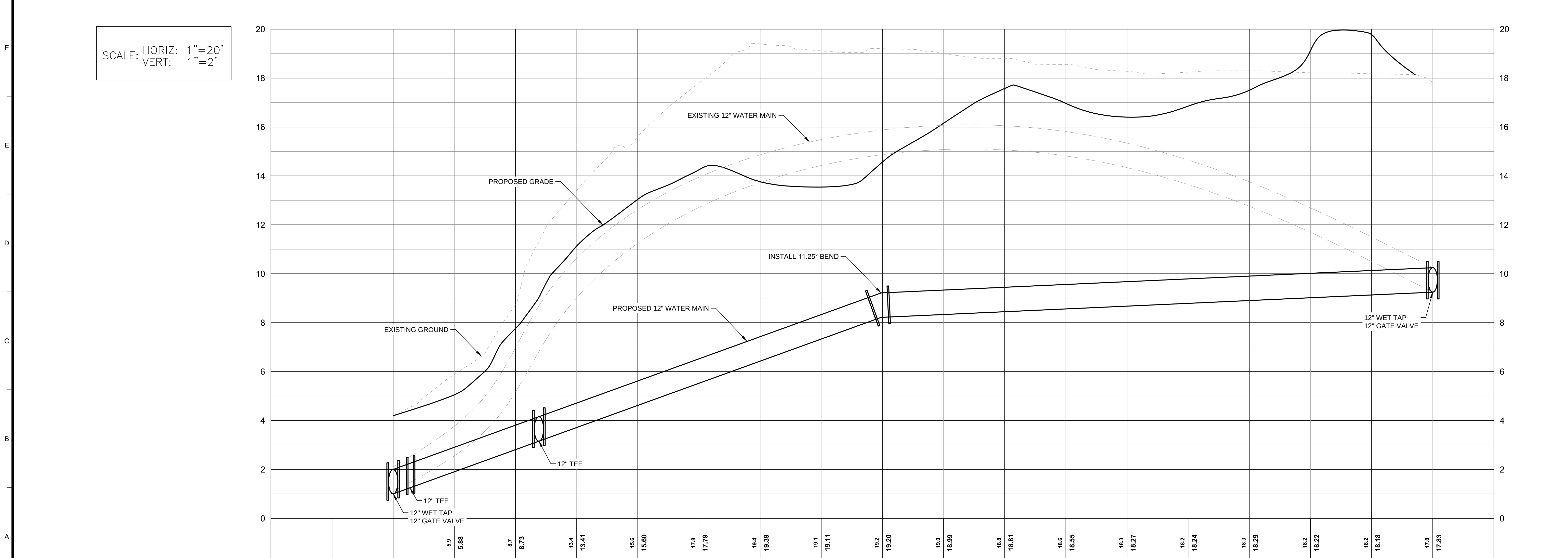
DATE Jun 30, 2017

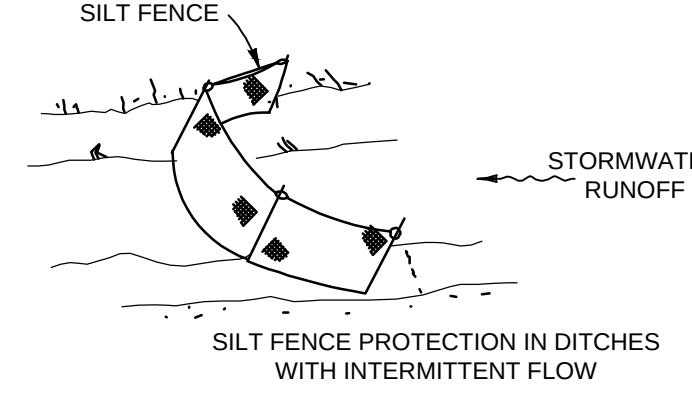
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DEMOLITION AND EROSION & SEDIMENTATION CONTROL PLAN

Project No.:	200-08535-14002
Designed By:	TV
Drawn By:	JW
Checked By:	MB

C-101

[illegible]C-102



1. TYPE III SILT FENCE TO BE USED AT MOST LOCATIONS. WHERE USED IN DITCHES, THE SPACING FOR TYPE III SILT FENCE SHALL BE IN ACCORDANCE WITH FDOT STANDARDS.
2. TYPE IV SILT FENCE TO BE USED WHERE LARGE SEDIMENT LOADS ARE ANTICIPATED. SUGGESTED USE IS WHERE FILL SLOPE IS 1:2 OR STEEPER AND LENGTH OF SLOPE EXCEEDS 25 FEET. AVOID WHERE THE DETAINED WATER MAY BACK INTO TRAVEL LANES OR OFF THE RIGHT OF WAY.
3. DO NOT CONSTRUCT SILT FENCES ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.
4. WHERE USED AS SLOPE PROTECTION, SILT FENCE IS TO BE CONSTRUCTED ON 0% LONGITUDINAL GRADE TO AVOID CHANNELIZING RUNOFF ALONG THE LENGTH OF THE FENCE.
5. SILT FENCE TO BE PAID UNDER THE CONTRACT UNIT PRICE FOR STACKED SILT FENCE. (LF).
6. SILT FENCE TO BE INSTALLED ALONG LIMITS OF CONSTRUCTION.
7. SILT FENCE SHALL BE INSPECTED DAILY AND MAINTAINED AND REPAIRED AS NEEDED.





DETAIL 4

SCALE: NTS



DETAIL
SCALE: NTS



DETAIL 6

SCALE: NTS



DETAIL
SCALE: NTS



YARD DRAIN DETAIL

NYLOPLAST 15" DRAIN BASIN: 2815AG __ X

Callouts and Dimensions:

- (1, 2) INTEGRATED DUCTILE IRON FRAME & GRATE TO MATCH BASIN O.D.
- 18" MIN WIDTH GUIDELINE
- 8" MIN THICKNESS GUIDELINE
- MINIMUM PIPE BURIAL DEPTH PER PIPE MANUFACTURER RECOMMENDATION (MIN. MANUFACTURING REQ. SAME AS MIN. SUMP)
- (3) VARIABLE INVERT HEIGHTS AVAILABLE (ACCORDING TO PLAN/STAKE OFF)
- (5) ADAPTER ANGLES VARIABLE 0° - 360° ACCORDING TO PLANS
- TRAFFIC LOADS: CONCRETE SLAB DIMENSIONS ARE FOR GUIDELINE PURPOSES ONLY. ACTUAL CONCRETE SLAB MUST BE DESIGNED TAKING INTO CONSIDERATION LOCAL SOIL CONDITIONS, TRAFFIC LOADING, & OTHER APPLICABLE DESIGN FACTORS. SEE DRAWING NO. 7001-110-111 FOR NON TRAFFIC INSTALLATION.
- THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS II, CLASS II, OR CLASS III MATERIAL AS DEFINED IN ASTM D2321. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2321.
- (3) VARIABLE SUMP DEPTH ACCORDING TO PLANS (8" MIN. BASED ON MANUFACTURING REQ.)
- 4" MIN
- (4) VARIOUS TYPES OF INLET & OUTLET ADAPTERS AVAILABLE:
 4" - 15" FOR CORRUGATED HOPE (ADS N-12) HANCO DUAL WALL, ADS/HANCO SINGLE WALL, N-12 HP, PVC SEWER (EX. SCH 35), PVC DWV (EX. SCH 40), PVC C900/C905, CORRUGATED & RIBBED PVC
- WATERTIGHT JOINT (CORRUGATED HOPE SHOWN)

1 - GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05, WITH THE EXCEPTION OF THE BRONZE GRATE.

2 - FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05

3 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-095

4 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D2121 FOR CORRUGATED HOPE (ADS N-12) HANCO DUAL WALL, N-12 HP, & PVC SEWER.

5 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-072.

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GRATE OPTIONS	LOAD RATING	PART #	DRAWING #
PEDESTAL	MEETS H-10	1599CSP	7001-110-207
STANDARD	MEETS H-20	1599COS	7001-110-208
SOLID COVER	MEETS H-20	1599CSC	7001-110-209
PEDESTAL BRONZE	N/A	1599CSPB	7001-110-210
HOME	N/A	1599CSD	7001-110-211
DROP IN GRATE	LIGHT DUTY	1501DI	7001-110-073

1 - GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05, WITH THE EXCEPTION OF THE BRONZE GRATE.

2 - FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05

3 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-095

4 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D2121 FOR CORRUGATED HOPE (ADS N-12) HANCO DUAL WALL, N-12 HP, & PVC SEWER.

5 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-072.

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DRAWN BY	EBC	MATERIAL		
DATE	03-30-06	PROJECT NO./NAME		
REVISED BY	NNH	DATE	03-14-16	
DWG SIZE	A	SCALE	1/25	SHEET 1 OF 1

NYLOPLAST

15 IN DRAIN BASIN QUICK SPEC INSTALLATION DETAIL

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 BUFORD, GA 30518
 PHN (770) 932-2443 FAX (770) 932-2490
www.nyloplast-us.com

DWG NO. 7001-110-190

REV E

ASPHALT INSTALLATION

DRAIN BASIN

INLINE DRAIN

STRUCTURE SIZE	H-10 GRATE OPTIONS
12"	PEDESTRIAN
15"	PEDESTRIAN
18"	PEDESTRIAN
24"	PEDESTRIAN

1 - THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS I, CLASS II, OR CLASS III MATERIAL AS DEFINED IN ASTM D2321. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2321.

2 - MEDIUM DUTY TRAFFIC LOADS: CONCRETE SLAB DIMENSIONS ARE FOR GUIDELINE PURPOSES ONLY. ACTUAL CONCRETE SLAB MUST BE DESIGNED TAKING INTO CONSIDERATION LOCAL SOIL CONDITIONS, TRAFFIC LOADING, & OTHER APPLICABLE DESIGN FACTORS.

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DRAWN BY	ERC	MATERIAL
DATE	03-14-19	

REVISED BY	NNH	PROJECT NO./NAME
DATE	03-14-16	

DWG SIZE	A	SCALE	1:25	SHEET	1 OF 1
DWG NO.	7001-110-392				

Nyloplast

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TITLE

DRAIN BASIN & INLINE DRAIN (14-10 TRAFFIC LOAD)
 ASPHALT INSTALLATION DETAIL

NYLOPLAST 15" DRAIN BASIN: 2815AG __ X

1 - GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A538 GRADE 70-80-05, WITH THE EXCEPTION OF THE BRONZE GRATE.

2 - FRAMES SHALL BE DUCTILE IRON PER ASTM A538 GRADE 70-80-05.

3 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-045.

4 - DRAINAGE CONNECTION STUD JOINT TIGHTNESS SHALL CONFORM TO ASTM D2152 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL, N-10/H-P, & PVC SEWER).

5 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°, TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.

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GRATE OPTIONS	LOAD RATING	PART #	DRAWING #
PEDESTRIAN	MEETS H-10	1599GCB	7001-110-097
STANDARD	MEETS H-20	1599GCB	7001-110-208
SOLID COVER	MEETS H-20	1599GCB	7001-110-209
PEDESTRIAN BRONZE	N/A	1599GCB	7001-110-210
DIAM	N/A	1599GCB	7001-110-211
DROP IN GRATE	LIGHT DUTY	1501E	7001-110-025

STRUCTURE SIZE	H-10 GRATE OPTIONS
12"	PEDESTRIAN
15"	PEDESTRIAN
18"	PEDESTRIAN
24"	PEDESTRIAN

DRAWN BY	EBG	MATERIAL	3130 VERONA AVE BURLINGTON, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com
DATE	03-30-06	PROJECT NO./NAME	
REVISED BY	NNH	TITLE	15 IN DRAIN BASIN QUICK SPEC INSTALLATION DETAIL
DATE	03-14-16	DWG NO.	7001-110-190
DWG SIZE	A	SCALE	1:25 SHEET 1 OF 1
			REV E

ASPHALT INSTALLATION

1 - THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS I, CLASS II, OR CLASS III MATERIAL AS DEFINED IN ASTM D2321. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2321.

2 - MEDIUM DUTY TRAFFIC LOADS: CONCRETE SLAB DIMENSIONS ARE FOR GUIDELINE PURPOSES ONLY. ACTUAL CONCRETE SLAB MUST BE DESIGNED TAKING INTO CONSIDERATION LOCAL SOIL CONDITIONS, TRAFFIC LOADING, & OTHER APPLICABLE DESIGN FACTORS.

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DATE	03-14-10	PROJECT NO./NAME	
REVISED BY	NNH	TITLE	15 IN DRAIN BASIN & INLINE DRAIN (H-10 TRAFFIC LOAD) ASPHALT INSTALLATION DETAIL
DATE	03-14-16	DWG NO.	7001-110-392
DWG SIZE	A	SCALE	1:25 SHEET 1 OF 1
			REV D

HANDICAP PARKING AND SIGN DETAIL

SCALE: N.T.S.

3

DRAIN BASIN

INLINE DRAIN

1 - THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS I, CLASS II, OR CLASS III MATERIAL AS DEFINED IN ASTM D2321. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2321.

2 - MEDIUM DUTY TRAFFIC LOADS: CONCRETE SLAB DIMENSIONS ARE FOR GUIDELINE PURPOSES ONLY. ACTUAL CONCRETE SLAB MUST BE DESIGNED TAKING INTO CONSIDERATION LOCAL SOIL CONDITIONS, TRAFFIC LOADING, & OTHER APPLICABLE DESIGN FACTORS.

STRUCTURE SIZE	H-TO GRATE OPTIONS
12"	PEDESTRIAN
16"	PEDESTRIAN
18"	PEDESTRIAN
24"	PEDESTRIAN

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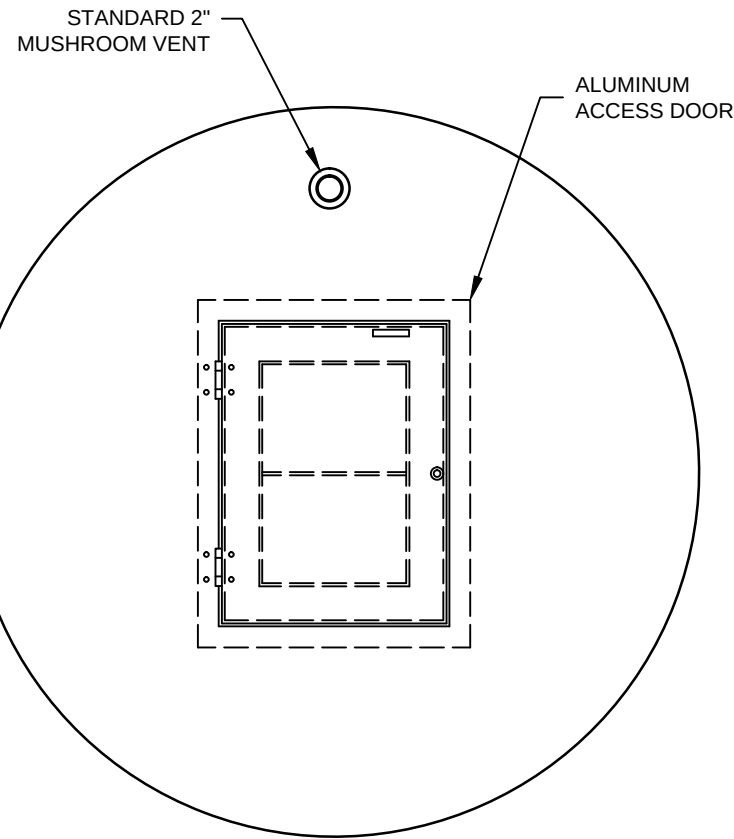
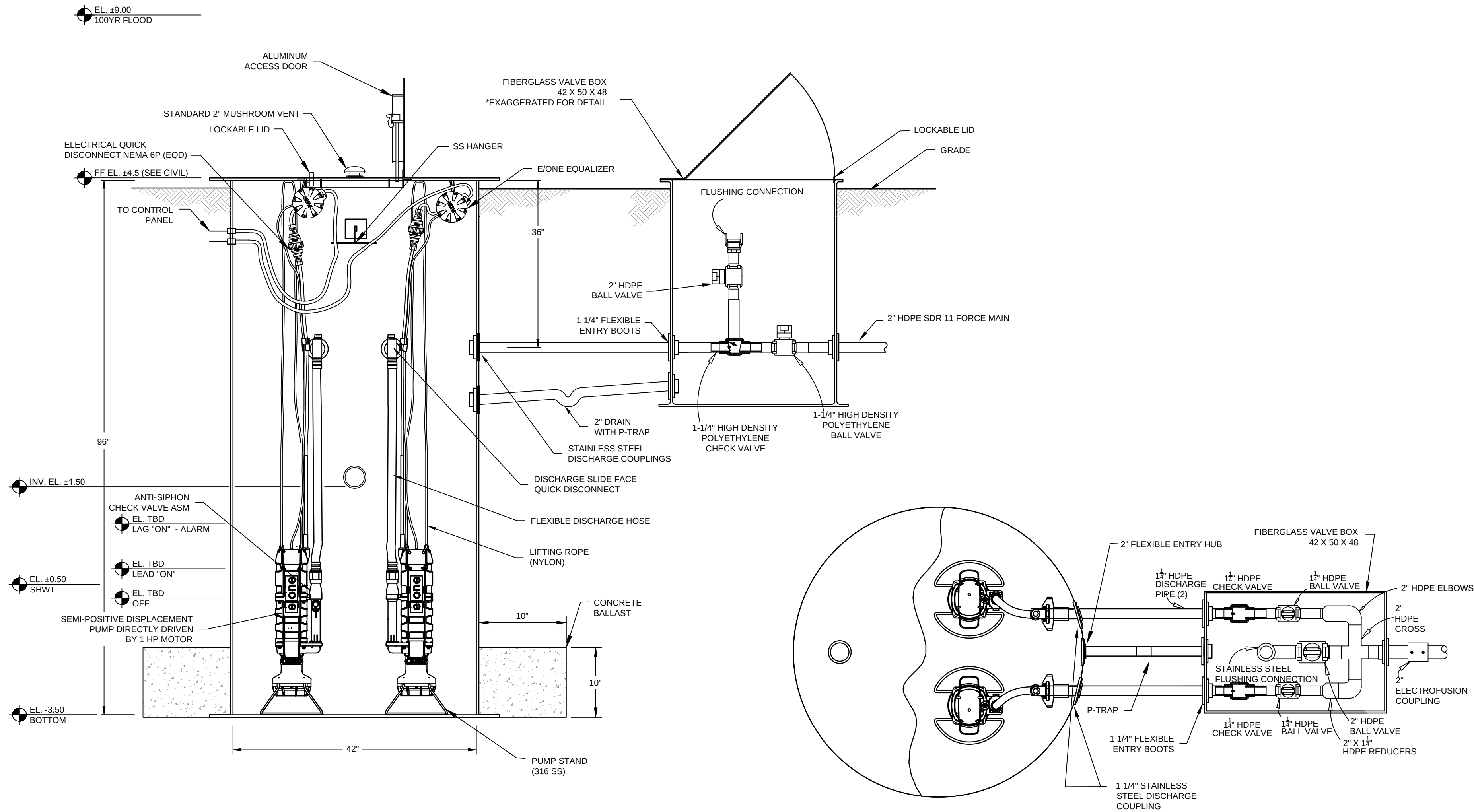
DRAWN BY	EBG	MATERIAL	
DATE	03-14-19	PROJECT NO./NAME	
REVISED BY	NMH		
DATE	03-14-16		
DWG SIZE	A	SCALE	1/2" = 1'-0"
		SHEET	1 OF 1

 Nyloplast www.nyloplast-us.com	
TITLE DRAIN BASIN & INLINE DRAIN (H-10 TRAFFIC LOAD) ASPHALT INSTALLATION DETAIL	
DWG NO.	7001-110-392
REV	

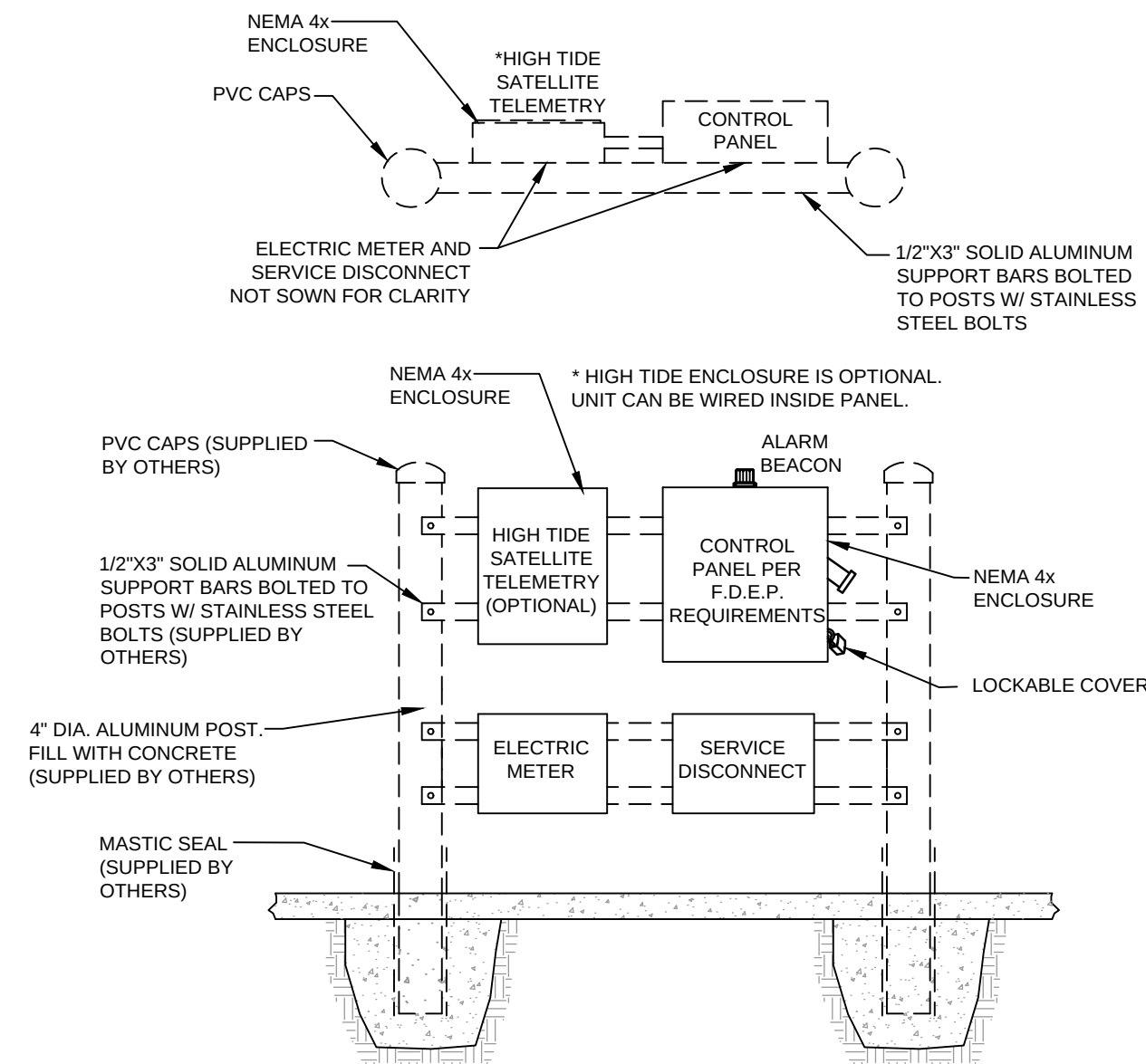
3150 YERONA AVE
BUFFORD, GA 30518
PHN (770) 832-2443
FAX (770) 832-0480
www.nyloplast-us.com

Friday, June 30, 2017 4:01:41 PM DRAWING: \\TTS181FS1\Projects\Destin\2014\200-08535-14002 Heritage Park & Plaza Design\CAD\SheetFiles\C-503 Civil Details.DWG LAYOUT: C-503 USER NAME: LOPEZ, HERNAN

LIFT STATION DETAIL



PLAN VIEW ALUMINUM COVER



LIFT STATION CONTROL LAYOUT

DETAIL
SCALE: NTS

1

WRT LIFT STATION SCHEDULE		
A	GRADE	4.50 FEET
B	BOTTOM	-3.50 FEET
C	INVERT DEPTH	1.50 FEET
D	LEAD PUMP ON	TBD FEET
E	LAG PUMP ON	TBD FEET
F	BOTH PUMPS OFF	TBD FEET
G	ALARM ON	TBD FEET
H	INLET SIZE	☒ 4" ☐ 6" ☐ 8" ☐ OTHER
I	INLET TYPE	☒ SCH-40 ☐ SDR-35
J	VALVE BOX	☒ YES ☐ NO
K	VALVE BOX PIPE	☐ SCH-40 ☐ SCH-80 ☒ HDPE SDR11
L	VENT TYPE	☐ STANDARD MUSHROOM VENT ☐ WRT VENT / CHECK ☒ WRT ODOR VENT

WRT LIFT STATION SIZE CHART		
DIAMETER (A)	HEIGHT (B)	COVER OVER DISCHARGE (C)
☐ 36"	☒ 96"	☐ 12"
☐ 48"	☐ 102"	☐ 18"
☐ 60"	☐ 108"	☐ 24"
☐ 72"	☐ 114"	☐ 30"
☒ OTHER 42"	☐ 120"	☒ 36"
	☐ 126"	☐ 48"
	☐ 132"	☐ OTHER
	☐ 138"	BY ENGINEER OR CONTRACTOR
	☐ 144"	
	☐ OTHER	

WRT PANEL / CONTROL OPTIONS		
STANDARD COMPONENTS		
1 NEMA 4X ENCLOSURE	☒ FIBERGLASS (standard)	☐ S.S. ENCLOSURE (upgrade)
2 FLORIDA D.E.P. COMPLIANT	☒	
3		
4		
5		
ADDITIONAL OPTIONS		
☐ HIGH TIDE SATELLITE SCADA SYSTEM		
# OF DIGITAL INPUTS		
# OF ANALOG INPUTS	☐ NEMA 4X ENCLOSURE	

WRT PUMP STATION COMPLIANCE NOTES	
*PANEL NOTES: NEMA4X FRP ENCLOSURE WITH SST PIANO HINGE AND (2) DRAWDOWN HASPS WITH PROVISION FOR PAD LOCKING, (2) PUMP AND CONTROL CIRCUIT BREAKERS, ALTERNATOR RELAY AND OVERRIDE RELAY, GROUNDING LUGS AND TERMINAL BLOCKS, ALARM TEST SWITCH, (2) PUMP RUN LIGHTS, ELAPSED TIME METERS, AUDIBLE AND FLASHING ALARM LIGHT WITH POLYCARBONATE GLOBE, (2) CONTACTORS, (2) PUMP H-O-A SWITCHES, GENERATOR RECEPTACLE, ALARM BUZZER WITH SILENCE SWITCH.	
WRT ENGINEERING NOTES	
WRT WET WELL DUPLEX IS SUPPLIED WITH E/ONE U-SERIES 1HP, 240V, SINGLE PHASE GRINDER PUMPS. EACH PUMP INCLUDES CHECK VALVE, ANTI-SIPHON VALVE AND INTEGRAL CONTROLS.	

WRT GRINDER PUMP LIFT STATION OR APPROVED EQUAL

DRAFT 90% DESIGN DRAWINGS - NOT FOR CONSTRUCTION

TETRA TECH

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Destin, FL 32541
Phone: 850.837.4242

TETRA TECH
201 E. Pine St #1000
Orlando, Florida 32801
Engineering Business No. 2429

DATE
Jun 30, 2017

Client: City of Destin, FL
Proj. Loc.: Destin, FL

CAPTAIN ROYAL MELVIN - HERITAGE PARK

CIVIL DETAILS

Project No.: 200-08535-14002
Designed By: TV
Drawn By: JW
Checked By: MB

C-503

Copyright: Tetra Tech

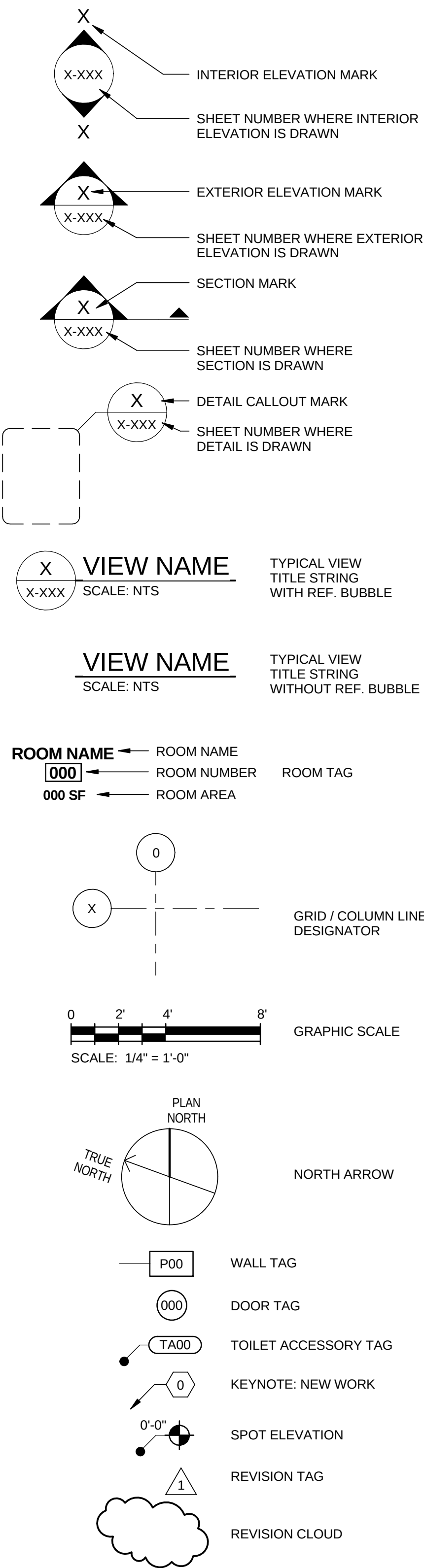
C:\Users\David.Galante\Documents\REVIT\REVIT PROJECT\ISA-HERITAGE_PARK_2015_David.Galante@tetra-tech.com.vrt

6/30/2017 10:46:32 AM

ABBREVIATIONS

A	A LABEL CLASS DOOR	COORD	COORDINATE	GFCMU	GROUND FACE CONCRETE MASONRY UNIT	NOM	NOMINAL	SCR	SHOWER CURTAIN ROD
A/C	AIR CONDITIONING UNIT	CORR	CORRIDOR	GL	GRID LINE	NP	NO PAINT	SCW	SOLID CORE WOOD
AB	ANCHOR BOLT	CP	CONCRETE PIPE	GL	GLASS	NRC	NOISE REDUCTION COEFFICIENT	SCWD	SOLID COUR WOOD DOOR
ABDN	ABANDON	CPT	CARPET	GLZ	GLAZING	NTS	NOT TO SCALE	SD	SMOKE DETECTOR
ACC	ACCESSIBLE	CR	CONTROL ROOM	GR FL	GRATING FLOOR	NW	NORTHWEST	SE	SOUTH EAST
ACI	AMERICAN CONCRETE INSTITUTE	CS	CAST STONE	GRTG	GRATING	O	OUT TO OUT	SF	SQUARE FEET
ACOUST	ACOUSTIC(AL)	CSWK	CASEWORK	GS	GRATING SUPPORT	O TO O	OUT TO OUT	SFTWD	SOFT WOOD
ACP	ACOUSTICAL CEILING PANEL	CT	CERAMIC TILE	GV	GRAVEL	OA	OVERALL	SGL	SINGLE
ACS	AUTOMATIC CONTROL SYSTEM	CTB	CERAMIC TILE - BASE	GWB	GYPSPUM WALL BOARD	OC	ON CENTER	SH	SOAP HOLDER
ACT	ACOUSTICAL CEILING TILE	CTF	CERAMIC TILE - FLOOR	GYBD	GYPSPUM WALL BOARD	OD	OUTSIDE DIAMETER	SHR	SHOWER
ACU	AIR CONDITIONING UNIT	CTR	CENTER	GYP	GYPSPUM	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED	SHT MTL	SHEET METAL FLASHING
ADA	AMERICANS WITH DISABILITIES ACT	CTW	CERAMIC TILE - WALL	H		OFD	OVERFLOW DRAIN	SHTHG	SHEATHING
ADD	ADDITIONAL	CU FT	CUBIC FEET	H	HORN	OFF	OFFICE	SHV	SHELVING
ADMIN	ADMINISTRATION	CW	CASEMENT WINDOW	HB	HOSE BIBB	OFOI	OWNER FURNISHED OWNER INSTALLED	SIM	SIMILAR
AFF	ABOVE FINISH FLOOR	CWT	CERAMIC WALL TILE	HC	HOLLOW CORE	OGL	OBSCURE GLASS	SJ	SCORED JOINT
AFG	ABOVE FINISH GRADE	D		HC	HANDICAP	OPH	OPPOSITE HAND	SKLT	SKYLIGHT
AHU	AIR HANDLING UNIT	D	DEPTH	HDPE	HIGH DENSITY POLYETHYLENE	OPNG	OPENING	SLNT	SEALANT
AIB	AIR INFILTRATION BARRIER	D LABEL	D LABEL CLASS DOOR	HL	HARDWARE	OPP	OPPOSITE	SLR	SEALER
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	DBL	DOUBLE	HDWD	HARDWOOD	OPQ	OPAQUE	SM	SQUARE METER
ALT	ALTERNATE	DEMO	DEMOLISH	HEPA	HIGH EFFICIENCY PARTICULATE AIR FILTER	OPR	OPERABLE	SMHD	SHELF METAL HEAVY DUTY
ALUM	ALUMINUM	DEPT	DEPARTMEN	HGT	HEIGHT	ORIG	ORIGINAL	SMK	SMOKE
ANOD	ANODIZE	DET	DETAIL	HK	HOOK	OSB	ORIENTED STRAND BARD	SMLS	SEAMLESS
APPROX	APPROXIMATE(LY)	DM	DIAMETER	HM	HOLLOW METAL	OTS	OPEN TO STRUCTURE	SNDL	SANITARY NAPKIN AND TAMPON DISPENSER
APVD	APPROVED	DIAG	DIAGONAL	HMD	HOLLOW METAL DOOR	OWSJ	OPEN WEB STEEL JOINT	SP EL	SPOT ELEVATION
AR	AS REQUIRED	HORIZ	HORIZONTAL	HT	HEIGHT	OZ	OUNCE	SPEC	SPECIFICATIONS
ARCH	ARCHITECT(URAL)	HT	HEIGHT	HVAC	HEATING VENTILATION AND AIR CONDITIONING	P		SQ	SQUARE
ASC	ABOVE SUSPENDED CEILING	HW	HARDWARE	I		PA	PUBLIC ADDRESS	SQ IN	SQUARE INCH
ASSY	ASSEMBLY	HDWR	HARDWARE	IBC	INTERNATIONAL BUILDING CODE	PAR	PARAPET	SQ YD	SQUARE YARD
ATFP	ANTI-TERRORISM / FORCE PROTECTION	DOC	DOCUMENT	ICF	INSULATED CONCRETE FORM	PAT	PATTERN	SQFT	SQUARE FOOT (FEET)
AVG	AVERAGE	DR	DOOR	IG	INSULATING GLASS	PB	PULL BOX	SQM	SQUARE METER
AW	ARCHITECTURAL WOODWORK	DS	DOWNSPOUT	I		PBD	PARTICLEBOARD	SS	STAINLESS STEEL
AWT	ACOUSTICAL WALL TREATMENT	DWG(S)	DRAWING(S)	IB	INTERNATIONAL BUILDING CODE	PCC	PRECAST CONCRETE	SSMR	STANDING SEAM METAL ROOF
B	B LABEL CLASS DOOR	E	EAST	ICF	INSULATED CONCRETE FORM	PCF	POUND PER CUBIC FOOT	SST	STAINLESS STEEL
BALC	BALCONY	E LABEL	E LABEL CLASS DOOR	IF	INSIDE FACE	PCT	PERCENT	ST	STAIRS
BB	BASEBOARD	EA	EACH	IG	INSULATING GLASS	PEMB	PRE-ENGINEERED METAL BUILDING	STC	SOUND TRANSMISSION CLASS STANDARD
BCT	BASEMENT	EF	EACH FACE	IJ	ISOLATION JOINT	PERF	PERFORATED	STD	STEEL
BD	BOARD	EIFS	EXTERIOR INSULATION AND FINISH SYSTEM	ILO	IN LIEU OF	PERM	PERMETER	STL JST	STEEL JOIST
BET	BETWEEN	EJ	EXPANSION JOINT	IN	INCH	PERP	PERPENDICULAR	STL RF DK	STEEL ROOF DECK
BFF	BELOW FINISH FLOOR	EL	ELEVATOR	INCAND	INCANDESCENT	PH	PHASE	STOR	STORAGE
BHMA	BUILDER'S HARDWARE MANUFACTURER'S ASSOCIATION	ELEC	ELECTRIC(AL)	INSUL	INSULATION	PIL	PILASTER	STR	STRINGER
BL	BASELINE	ELEV	ELEVATION	IRP	INSULATED ROOF PANEL	PL	PROPERTY LINE	STRB/HRN	STROBE / HORN
BLDG	BUILDING	ENGR	ENGINEER	ITG	INSULATED TEMPERED GLASS	PL GL	PLATE GLASS	STRUCT	STRUCTURE(AL)
BLKG	BLOCKING	ENTR	ENTRY	IWP	INSULATED WALL PANEL	PLAM	PLASTIC LAMINATE	SUB FL	SUB FLOOR
BLT IN	BUILT-IN	EOG	EDGE OF GUTTER	J	JUNCTION BOX	PLAS	PLASTIC	SUSP	SUSPENDED
BM	BEAM	EP	EXPLOSION PROOF	JAN	JANITOR	PLBG	PLUMBING	SV	SHEET VINYL
BN	BULLNOSE	EP	EXTERIOR PAINT	JST	JOIST	PLG	PILING	SW	SOUTHWEST
BOF	BOTTOM OF FOOTING	EPS	EXPANDED POLYSTYRENE BOARD	JT	JOINT	PLYWD	PLYWOOD	SYM	SYMMETRICAL
BOS	BOTTOM OF STEEL	EQ	EQUAL	K	KITCHEN	PNL	PANEL	T	TREAD
BOT	BOTTOM	EQU	EQUIPMENT	KIT	KITCHEN	POC	POINT OF CONTACT	T&G	TOUNGE AND GROOVE
BP	BUILDING PAPER	EW	EACH WAY	KPD	KEYPAD	POLY	POLYSTYRENE	T/S	TUB / SHOWER
BRG	BEARING	EWC	ELECTRIC WATER COOLER	KPL	KICKPLATE	PP PL	PUSH/PULL PLATE	TB	TOWEL BAR
BRKT	BRACKET	EXIST	EXISTING	L	LAMINATE	PR	PAIR	TC	TERRA COTTA
BSMT	BASEMENT	EXP	EXPOSED	LAM	LAMINATE	PRCST	PRECAST	TD	TRENCH DRAIN
BTWN	BETWEEN	EXP	EXPANSION	LAV	LAVATORY	PREFAB	PREFABRICATED	TEL	TELEPHONE
BUR	BUILT UP ROOF	EXP AB	EXANSION ANCHOR BOLT	LBR	LUMBER	PRKG	PARKING	TEMP	TEMPORARY
C		EXT	EXTERIOR	LBS	POUNDS	PS CONC	PRESTRESSED CONCRETE	TER	TERRAZZO
C CONC	CAST CONCRETE	EXT GR	EXTERIOR GRADE	LDG	LANDING	PSF	POUNDS PER SQUARE FOOT	TFF	TOP OF FINISH FLOOR
C LABLE	C LABEL CLASS DOOR	F		LF	LINEAR FOOT (FEET)	PT	PRESSURE TREATED	THK	THCKNESS
C-C	CENTER TO CENTER	FA	FIRE ALARM	LG	LONG	PTD	PAPER TOWEL DISPENSER	TK BD	TACK BOARD
CAB	CABINET	FAAP	FIRE ALARM ANNUNCIATOR PANEL	LIB	LIBRARY	PTDR	PAPER TOWEL DISPENSER AND RECEPTACLE	TLT	TOILET
CAB	CABLE	FAS BD	FASCIA BOARD	LIN	LINEAR	PTN	PARTITION	TMPD GL	TEMPERED GLASS
CATW	CATWALK	LLV	LONG LEG VERTICAL	LKR	LOCKER	PWR	POWER	TN	TRUE NORTH
CAV	CAVITY	LOC	LOCATION	LLH	LONG LEG HORIZONTAL	QT	QUARRY TILE	TOF	TOP OF FOOTING
CB	CEMENTITIOUS (BACKER) BOARD	LNT	LINEAL	LLV	LONG LEG VERTICAL	QTY	QUANTITY	TOM	TOP OF MASONRY
CBB	CEMENTITIOUS BACKER BOARD	LOC	LOCATION	FCO	FLOOR CLEAN OUT	R	RISER	TOP	TOP OF PARAPET
CD	CONSTRUCTION DOCUMENT(S)	LP	LIGHT POLE	FD	FLOOR DRAIN	RB	RUBBER BASE	TOPO	TOPOGRAPHY
CDW	CHILLED DRINKING WATER	LS	LABORATORY SINK	FDTN	FOUNDATION	RCP	REFLECTED CEILING PLAN	TOS	TOP OF SLAB
CEM PLAS	CEMENT PLASTER	LT	LIGHT	FED	FEDERAL	R	RECESSED	TRANS	TRANSOM
CER	CERAMIC	LTR	LOUVER DOOR	FF	FINISH FLOOR	REC	RECESSED	TRT	TREATED
CF	CONTRACTOR FURNISHED	LVR	LOUVER	FF INSUL	FOIL FACED INSULAITON	REF	REFERENCE	TRTD	TREATED
CF/CI	CONTRACTOR FURNISHED/ CONTRACTOR INSTALLED	M	METERS	FG	FINISH GRADE	REFR	REFRIGERATOR	TS	TUBE STEEL
CFE	CONTRACTOR FURNISHED EQUIPMENT	MAT	MATERIAL	FGL	FIBERGLASS	REM	REMOVABLE	TV	TELEVISION
CFLG	COUNTERFLASHING	MAX	MAXIMUM	FH	FIRE HOSE	REP	REPAIR	TYP	TYPICAL
CFM	CUBIC FEET PER MINUTE	MB	MOISTURE BARRIER	FIG	FIGURE	REQ	REQUIRED	U	UNFINISHED
CFS	CUBIC FEET PER SECOND	MC	MOISTURE CONTNET	FIN	FINISH (ED)	REQ'D	REQUIRED	UNF	UNLESS NOTED OTHERWISE
CFT	CERMIC FLOOR TILE	MD	METAL DECK	FIXT	FIXTURE	RES	RESILIENT	UNO	URNINAL
CG	CORNER GUARD	MECH	MECHANICAL (ROOM)	FL	FLOOR	RESIL	RESILIENT	V	VAPOR BARRIER
CI	CAST IRON	MEMB	MEMBRANE	FLDG	FOLDING	REV	REVISION	VB	VAPOR RETARDER
CJ	CONTROL JOINT	MFR	MANUFACTURER	FLX	FLEXIBLE	RF	RESILIENT FLOORING	VCT	VINYL COMOSITION TILE
CL	CENTER LINE	MID	MIDDLE	FLMT	FLUSH MOUNTED	RH	RIGHT HAND	VERT	VERTICAL
CLG	CEILING	MIR	MIRROR	FLR	FLOOR	RHR	RIGHT HAND REVERSE	VR	VAPOR RETARDER
CLG DIFF	CEILING DIFFUSER	MIN	MINIMUM, MINUTE	FLUOR	FLUORESCENT	RL	ROOF LEADER	VTC	VIDEO TELECONFERENCE
CLG HT	CEILING HEIGHT	MIRR	MIRROR	FM	FACTORY MUTUAL	RLG	RAILING	VTR	VENT THROUGH ROOF
CLL	COLUMN LINE	MO	MASONRY OPENING	FOC	FACE OF CONCRETE	RM	ROOM	W	WEST
CLO	CLOSET	MOD	MODIFY	FOM	FACE OF MASONRY	RO	ROUGH OPENING	W/	WITH
CLR	CLEAR	MRGWB	MOISTURE RESISTANT GYPSPUM WALLBOARD	FOS	FACE OF STEEL	RR	RESTROOM	W/O	WITHOUT
CLR	COLOR	MTD	MOUNTED	FRG	FIRE RESISTANT	RSD	ROLLING STEEL DOOR	WC	WATER CLOSET
CLRM	CLASSROOM	MTG	MOUNTING	FRM	FIBER REINFORCED GYPSPUM	RV	ROOF VENT	WD	WOOD
CMU	CONCRETE MASONRY UNIT	MTL	METAL	FRMG	FRAMING	RVL	REVEAL	WG	WIRE GLASS
CNDS	CONDENSATE	MWP	MEMBRANE WATERPROOFING	FRP	FIBERGLASS REINFORCED PLASTIC	S	SOUTH	WOM	WALK OFF MAT
CO	COLUMN	N	NORTH	FRT	FIRE RETARDANT TREATED	S2S	SURFACE TWO SIDES	WR	WASTE RECEPTACLE
CO	CLEANOUT	NA	NOT APPLICABLE	FT	FOOT	S4S	SURFACE FOUR SIDES	WRB	WEATHER RESISTANT BARRIER
COL	COLUMN	ND	NAPKIN DISPOSAL	FTG	FOOTING	SAPC	SUSPENDED ACOUSTICAL PANEL CEILING	WRT	WATER RESISTANT GYPSPUM WALLBOARD
COMM	COMMUNICATIONS	NE	NORTH EAST	FUR	FURRING	SATC	SUSPENDED ACOUSTICAL TILE CEILING	WS	WATER STOP
CONC	CONCRETE	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	FWC	FABRIC WALLCOVERING	SB	SPLASH BLOCK	WTP	WATER TREATMENT PLANT
CONC FLR	CONCRETE FLOOR	NIC	NOT IN CONTRACT	G	GAGE, GAUGE	SC	SHOWER CURTAIN	WWTP	WASTE WATER TREATMENT PLANT
CONF	CONFERENCE	NO	NUMBER	GAL	GAL, GAUGE	SCH	SCHEDULE		
CONST	CONSTRUCTION			GALV	GALVANIZED	SCHED	SCHEDULE		
CONT	CONTINUOUS			GB	GRAB BAR				
				GFCI	GOVERNMENT FURNISHED / CONTRACTOR INSTALLED				

ANNOTATIONS



HATCH LEGEND

CONCRETE		METAL	
CONCRETE MASONRY		SAND	
PLASTER, GROUT		RIGID INSULATION	
WOOD STUDS, BLOCKING		ACOUSTICAL TILE	
CLAY MASONRY		FINISH LUMBER	
EARTHWORK		PLYWOOD	
GRAVEL		BATT INSULATION	

GENERAL NOTES

- THE DRAWINGS INDICATE THE GENERAL EXTENT OF WORK. ANY WORK REQUIRED TO PROVIDE THE SCOPE OF WORK GRAPHICALLY INDICATED BY THESE DRAWINGS IS PART OF THE SCOPE OF THE CONSTRUCTION CONTRACT. IN THE EVENT ANY WORK IS INDICATED GRAPHICALLY AND NOT NOTED, THE CONSTRUCTION CONTRACTOR SHALL BE EXPECTED TO CONSTRUCT THE DESIGN USING INFORMATION AND TYPICAL OR SIMILAR DETAILS PROVIDED IN THE CONSTRUCTION DOCUMENTS.
- THE CONTRACTOR SHALL PROMPTLY REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES OR OMISSIONS IN THE CONTRACT DOCUMENTS DISCOVERED BY OR MADE KNOWN TO THE CONTRACTOR PRIOR TO ORDERING OF ANY MATERIALS OR PROCEEDING WITH THE WORK AS A REQUEST FOR INFORMATION IN SUCH FORM AS THE ARCHITECT MAY REQUIRE
- ROOM AND DOOR NUMBERS SHOWN ON DRAWINGS ARE FOR CONSTRUCTION PURPOSES ONLY.
- DIMENSIONS ON DRAWINGS ARE TAKEN FROM FROM THE LOCATIONS LISTED BELOW:
FACE OF WALLS
ROUGH OPENING OF DOORS
ROUGH OPENING OF WINDOWS
GRID LINES
MASONRY OPENINGS
- DIMENSIONS ON INTERIOR ELEVATIONS ARE TAKEN FROM THE LOCATIONS LISTED BELOW:
FINISHED GYPSPUM WALLBOARD
FACE OF PLASTIC LAMINATE
FACE OF CABINERY
CENTERLINE OF FIXTURES
- ALL WORK SHALL COMPLY WITH APPLICABLE BUILDING CODES, ORDINANCES AND REGULATORY AGENCIES.
- NFPA 241, STANDARD FOR SAFEGUARDING CONSTRUCTION, AND ALTERATION OPERATIONS SHALL BE APPLIED TO THIS PROJECT.
- BUILDING HEIGHTS AND ELEVATIONS ARE BASED UPON PROJECT FINISH ELEVATION OF 0'-0" AT THE FIRST FLOOR. REFERENCE TO DRAWINGS FOR FIRST FLOOR ELEVATIONS RELATIVE TO SEA LEVEL.
- CONFIRM QUANTITY, TYPE AND PLACEMENT OF ALL FIRE EXTINGUISHERS WITH THE FIRE MARSHALL. COORDINATE FINAL LOCATIONS WITH THE ARCHITECT PRIOR TO PLACEMENT. FIRE EXTINGUISHER BASIS OF DESIGN: LARSEN SURFACE MOUNTED OR APPROVED EQUAL.
- REFER TO LIFE SAFETY DRAWINGS FOR FIRE-RATED FLOOR, WALL, CEILING AND ROOF LOCATIONS. INSTALL FIRESTOPPING AT PENETRATIONS IN RATED CONSTRUCTION AND AT TOPS OF RATED WALLS.
- MECHANICAL, ELECTRICAL, CIVIL, STRUCTURAL AND PROCESS INFORMATION ON THE ARCHITECTURAL DRAWINGS IS PROVIDED FOR CLARITY AND / OR LOCATION PURPOSES ONLY. SEE RELEVANT DISCIPLINE DRAWINGS FOR SPECIFIC INFORMATION.
- DO NOT BEGIN WORK THAT MAY REQUIRE COORDINATION, SUCH AS CEILING INSTALLATION, PRIOR TO FINAL SUBMITTAL OF MECHANICAL AND ELECTRICAL COORDINATION DRAWINGS TO ARCHITECT NOR PRIOR TO RESOLUTION AND APPROVAL OF COORDINATION ISSUES.
- WORK SHALL CONFORM TO APPLICABLE INDUSTRY AND MANUFACTURER'S PUBLISHED STANDARDS FOR QUALITY OF MATERIALS AND WORKMANSHIP, AS WELL AS REQUIREMENTS IN THESE DRAWINGS AND SPECIFICATIONS. ANY CONFLICTING REQUIREMENTS OF THE SOURCES LISTED ABOVE SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION PRIOR TO PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL PROTECT EXISTING, IN-PLACE AND NEW WORK.
- THE CONTRACTOR SHALL VERIFY DIMENSIONS AND SHALL VERIFY EXISTING CONDITIONS, SHOWN ON THESE DRAWINGS, AT THE SITE. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES, OMISSIONS AND OR CONFLICTS BEFORE COMMENCEMENT OF WORK. COMMENCEMENT OF WORK SHALL CONSTITUTE ACCEPTANCE OF ALL NEW OR EXISTING CONDITIONS.
- PIPE DUCTS AND BUSS DUCTS THAT PENETRATE FLOOR SLABS OR WALL PARTITIONS SHALL BE INSTALLED IN A MANNER THAT WILL PRESERVE THE MOISTURE RESISTANCE, FIRE RATING, AIR AND/OR VAPOR BARRIER, AND STRUCTURAL INTEGRITY OF THE BUILDING.
- VERIFY MOUNTING HEIGHTS OF ACCESSORIES, EQUIPMENT, DOOR HARDWARE, CASEWORK, ETC., AND PROVIDE SOLID BLOCKING BEHIND ITEMS REQUIRING ANCHORAGE. PROVIDE FIRE-TREATED WOOD BLOCKING OR METAL STRAPS BETWEEN FRAMING MEMBERS AS REQUIRED TO SUPPORT WEIGHT AND USE OF ITEMS TO BE SUPPORTED. WHERE MOUNTING HEIGHTS ARE NOT INDICATED, MOUNT ITEMS IN ACCORDANCE WITH RECOGNIZED INDUSTRY STANDARDS. COORDINATE LOCATIONS WITH MANUFACTURER OR SUPPLIER AND REFER MOUNTING HEIGHT QUESTIONS TO ARCHITECT FOR INTERPRETATION.
- AT EXTERIOR MASONRY WALLS, CMU SHALL BE EXTENDED TIGHT TO FLOOR AND / OR ROOF DECKS, INCLUDING AROUND ALL PENETRATIONS SUCH AS BEAMS, JOIST ENDS, AND ETC. FILLING VOIDS IN EXT. CMU BACK-UP WITH INSULATION IN LIEU OF A SOLID MASONRY ENCLOSURE SHALL NOT BE PERMITTED.
- VERTICAL COURSING FOR NEW MASONRY WALL CONSTRUCTION SHALL EQUAL EIGHT INCHES (8") FOR ONE CONCRETE MASONRY UNIT PLUS ONE MORTAR JOINT AND THREE BRICK COURSES PLUS THREE MORTAR JOINTS, UNLESS NOTED OTHERWISE.
- PROVIDE CONTROL JOINTS (C.J.) IN MASONRY WALL CONSTRUCTION AS INDICATED. WHERE NOT SHOWN, PROVIDE MAXIMUM SPACING BETWEEN JOINTS OF 40'-0" AND MAXIMUM DISTANCE BETWEEN OUTSIDE CORNERS AND JOINTS OF 10'-0". PROVIDE JOINTS BETWEEN INTERIOR LOAD BEARING AND NON-LOAD BEARING PARTITIONS, AT ALL ABRUPT CHANGES IN WALL HEIGHT, AT CHANGES IN PARTITION THICKNESS AND AT PLASTER LOCATIONS. VERIFY FINAL CONTROL JOINT LOCATIONS WHETHER OR NOT INDICATED ON THE DRAWINGS WITH ARCHITECT PRIOR TO STARTING WORK.
- PROVIDE SEALANT BETWEEN HOLLOW METAL FRAME PERIMETERS AND SURROUNDING WALL CONSTRUCTION UNLESS OTHERWISE INDICATED.
- PROVIDE SEALANT BETWEEN DISSIMILAR MATERIALS SUCH AS GYPSPUM BOARD AND MASONRY, MASONRY AND CONCRETE, COUNTERTOPS AND WALLS, ETC.
- MANUFACTURERS ARE REFERENCED TO ESTABLISH STYLE, SIZE, COLOR AND MATERIAL CHARACTERISTICS AND ARE NOT INTENDED TO LIMIT SELECTIONS FROM OTHER MANUFACTURERS. WHEN AN ALTERNATE SELECTION IS SUBMITTED, SUBMITTALS SHALL HAVE INCLUDED THE MATERIAL LISTED FOR COMPARISON.
- CHAMFER EXTERNAL CORNERS OF EXPOSED CONCRETE WALLS 3/4" (20mm) TYPICAL. UNLESS OTHERWISE NOTED.
- FLASHING COLOR TO MATCH ADJACENT WALL COLOR UNLESS NOTED OTHERWISE.
- ALL DOORS IN STUD WALLS NOT LOCATED BY DIMENSION ON PLANS OR DETAILS SHALL BE 4" (100mm) FROM FRAMING TO ADJACENT PERPENDICULAR WALL TO EDGE OF DOOR OPENING.
- ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESERVATIVE TREATED WOOD.
- PROVIDE EXPANSION AND CONTROL JOINTS IN ALL WORK AS PER PRODUCT MANUFACTURER'S STANDARDS.
- ALL DISSIMILAR MATERIALS SHALL BE ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.
- PROVIDE ACCESS PANELS AS REQUIRED BY APPLICABLE CODES AND AS REQUIRED FOR MECHANICAL EQUIPMENT AND PLUMBING WORK. ALL ACCESS PANEL LOCATIONS SHALL BE REVIEWED WITH THE ARCHITECT OR ARCHITECTS REPRESENTATIVE PRIOR TO PROCEEDING.
- "ALIGN" AS USED IN THESE DOCUMENTS SHALL MEAN TO ACCURATELY LOCATE FINISHED FACES IN THE SAME PLAN AND/OR TO INSTALL NEW CONSTRUCTION ADJACENT TO EXISTING CONSTRUCTION WITHOUT ANY VISIBLE JOINTS OR SURFACE IRREGULARITIES.
- "CLEAR" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS NOT ADJUSTABLE WITHOUT APPROVAL OF THE ARCHITECT. CLEAR DIMENSIONS ARE TYPICAL.
- "MAXIMUM" OR "MAX" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS SLIGHTLY ADJUSTABLE BUT MAY NOT VARY TO A DIMENSION OR QUANTITY GREATER THAN THAT SHOWN WITHOUT APPROVAL OF THE ARCHITECT.
- "MINIMUM" OR "MIN" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS SLIGHTLY ADJUSTABLE BUT MAY NOT VARY TO A DIMENSION OR QUANTITY LESS THAN THAT SHOWN WITHOUT APPROVAL OF THE ARCHITECT.
- "TYPICAL" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION OR DIMENSION IS THE SAME OR REPRESENTATIVE FOR SIMILAR CONDITIONS THROUGHOUT.
- "+/-" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE DIMENSION OR QUALITY IS SLIGHTLY ADJUSTABLE TO ACCOMMODATE ACTUAL CONDITIONS, FIELD VERIFICATION AND COORDINATION WITH OTHER ELEMENTS AS MIGHT BE NECESSARY.

SYMBOLS

L	ANGLE
&	AND
@	AT
°	DEGREE
Ø	DIAMETER
=	EQUALS
-	MINUS
%	PERCENT
+	PLUS
±, +/-	PLUS OR MINUS

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TETRA TECH
ENGINEERING BUSINESS NO. 3429



CITY OF DESTIN
FLORIDA

BY

DESCRIPTION

DATE

MARK

1

90% REVIEW

06.15.17

CITY OF DESTIN, FL

CAPTAIN ROYAL MELVIN - HERITAGE PARK

ARCHITECTURAL ABBREVIATIONS & GENERAL NOTES

Project No.: 200-08496-1A003

Designed By: D. GALANTE

Drawn By: T. HOURIGAN

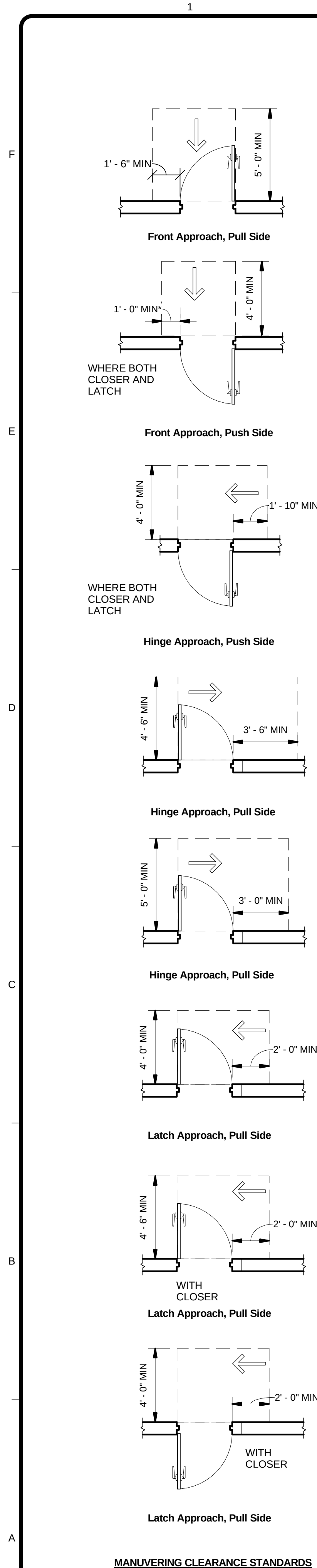
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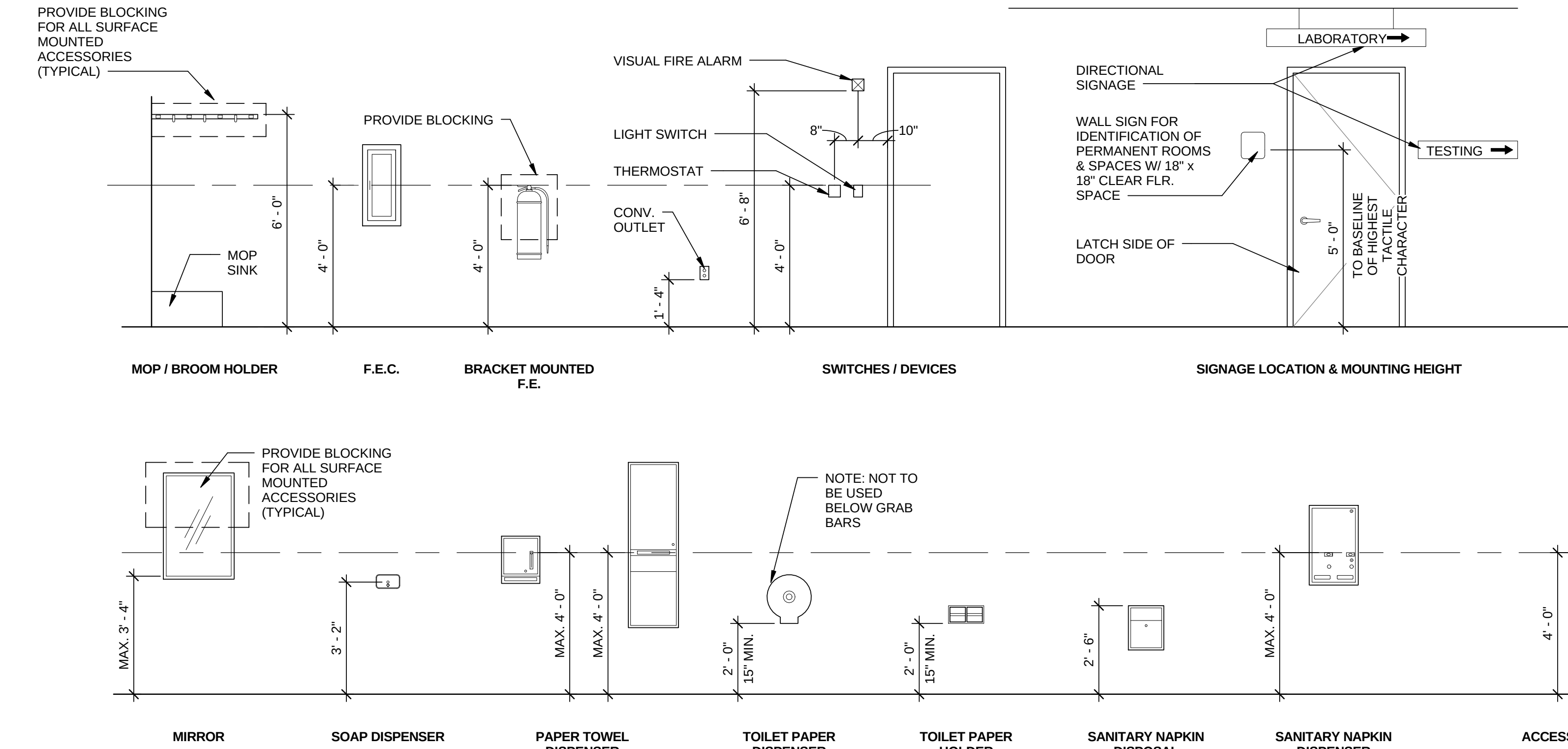
A001

Bar Measures 1 inch

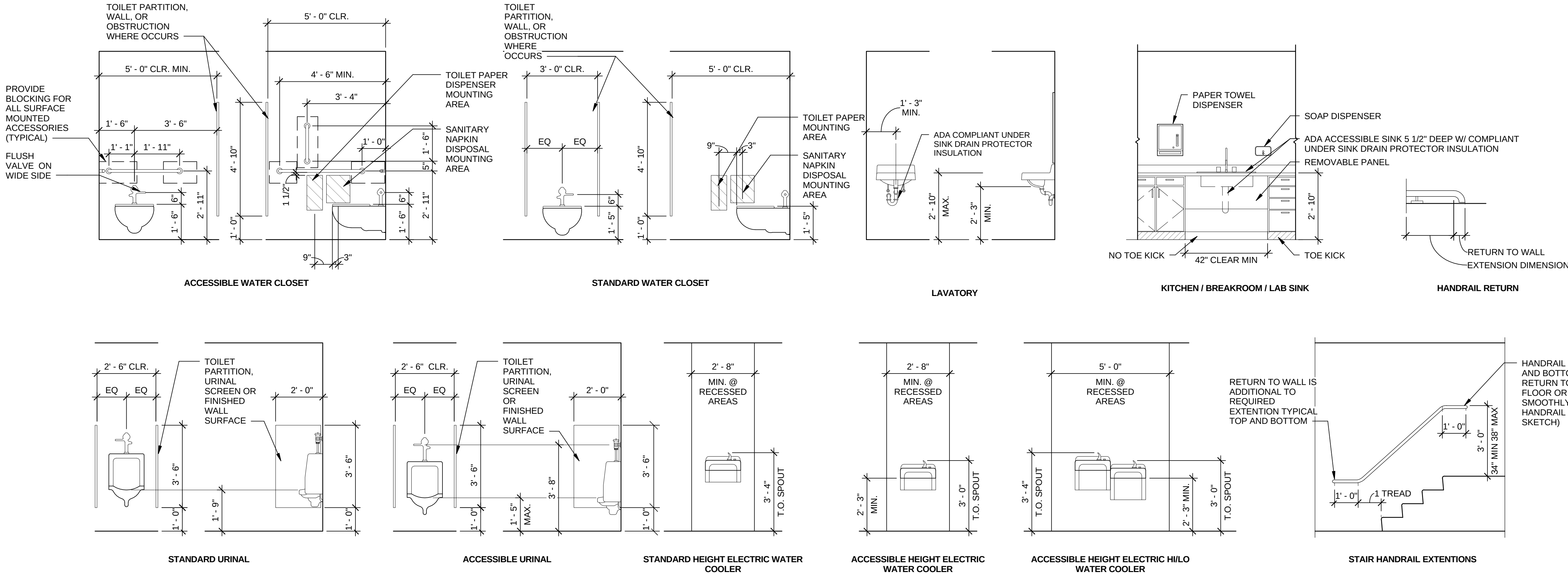
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MANUEVERING CLEARANCE STANDARDS



TOILET ACCESSORIES, DEVICES, AND EQUIPMENT MOUNTING HEIGHT



MOUNTING HEIGHT STANDARDS

(NOTE: SOME ITEMS SHOWN MAY NOT BE APPLICABLE TO THE PROJECT)

GENERAL NOTES - ACCESSORY MOUNTING HEIGHTS	
A.	IT IS THE INTENT OF THE DESIGN THAT ALL ITEMS SHOWN MOUNTED AT TYPICAL HEIGHTS FOR COMPLIANCE WITH GOVERNING AUTHORITY OF ADAAG, ABA, AND/OR ANSI 117.1 CURRENT EDITIONS
B.	THE PURPOSE OF THIS SHEET IS TO ILLUSTRATE TYPICAL MOUNTING HEIGHTS AND CLEARANCES WHERE APPLICABLE. CAUTION: THIS SHEET MAY ILLUSTRATE ITEMS OR CONFIGURATIONS WHICH DO NOT OCCUR AS PART OF THE WORK. REFER TO PLANS, ELEVATIONS, SECTIONS AND SCHEDULES TO DETERMINE WHICH ITEMS AND CONFIGURATIONS APPLY TO THE WORK OF THIS PROJECT.
C.	PROVIDE IN-WALL BLOCKING AS REQUIRED FOR ALL SURFACE MOUNTED ACCESSORIES.
E.	PROVIDE PRE-FORMED PROTECTIVE INSULATED PIPE HEAT GUARDS AT ALL WALL MOUNTED ACCESSIBLE LAVATORY DRAINS.

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MARK	DATE	DESCRIPTION	BY
1	06.15.17	90% REVIEW	

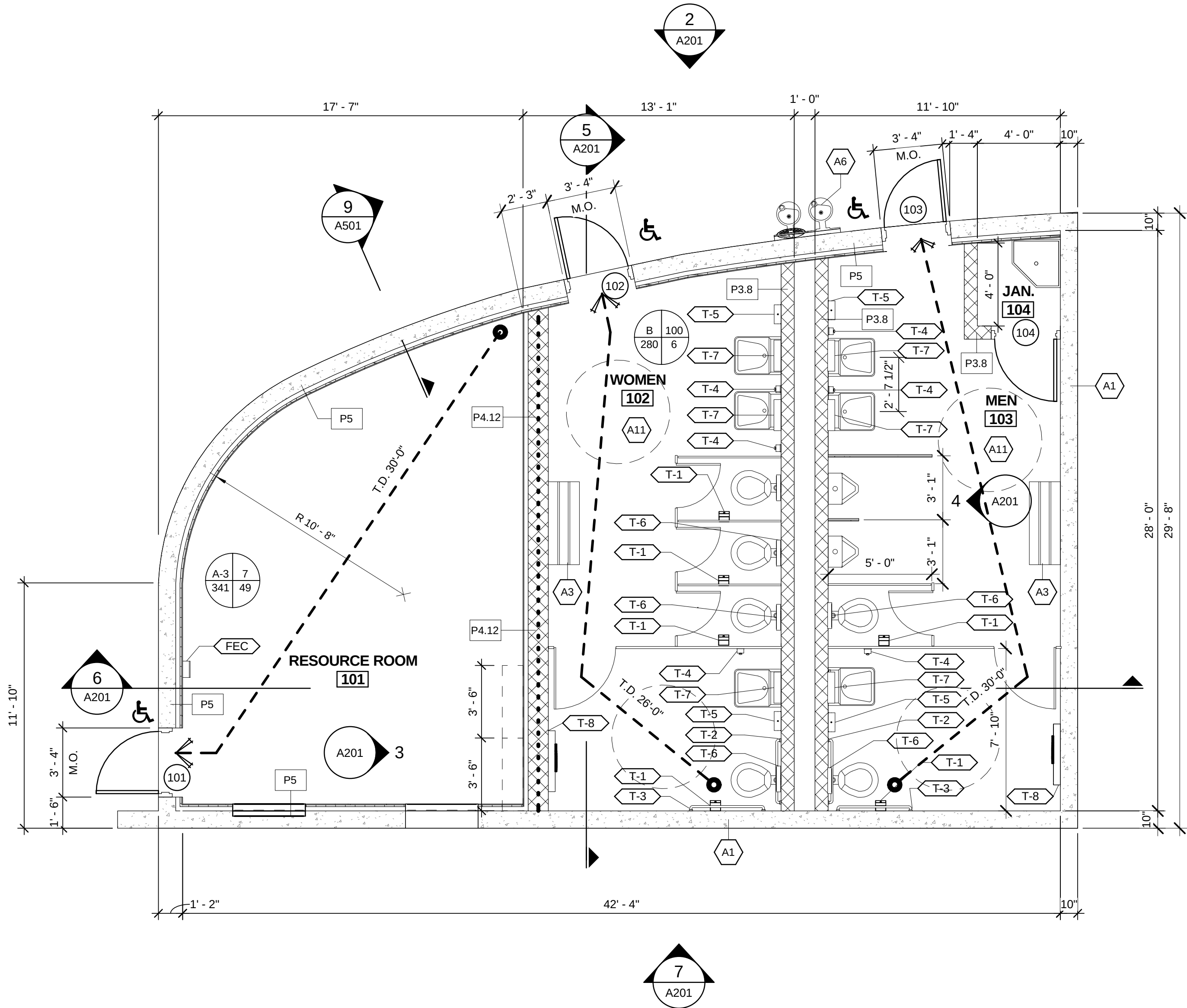
CITY OF DESTIN, FL
CAPTAIN ROYAL MELVIN - HERITAGE PARK
ARCHITECTURAL STANDARDS

Project No.: 200-08496-14003
Designed By: D. GALANTE
Drawn By: T. HOURIGAN
Checked By: Q. BIAGI

A002

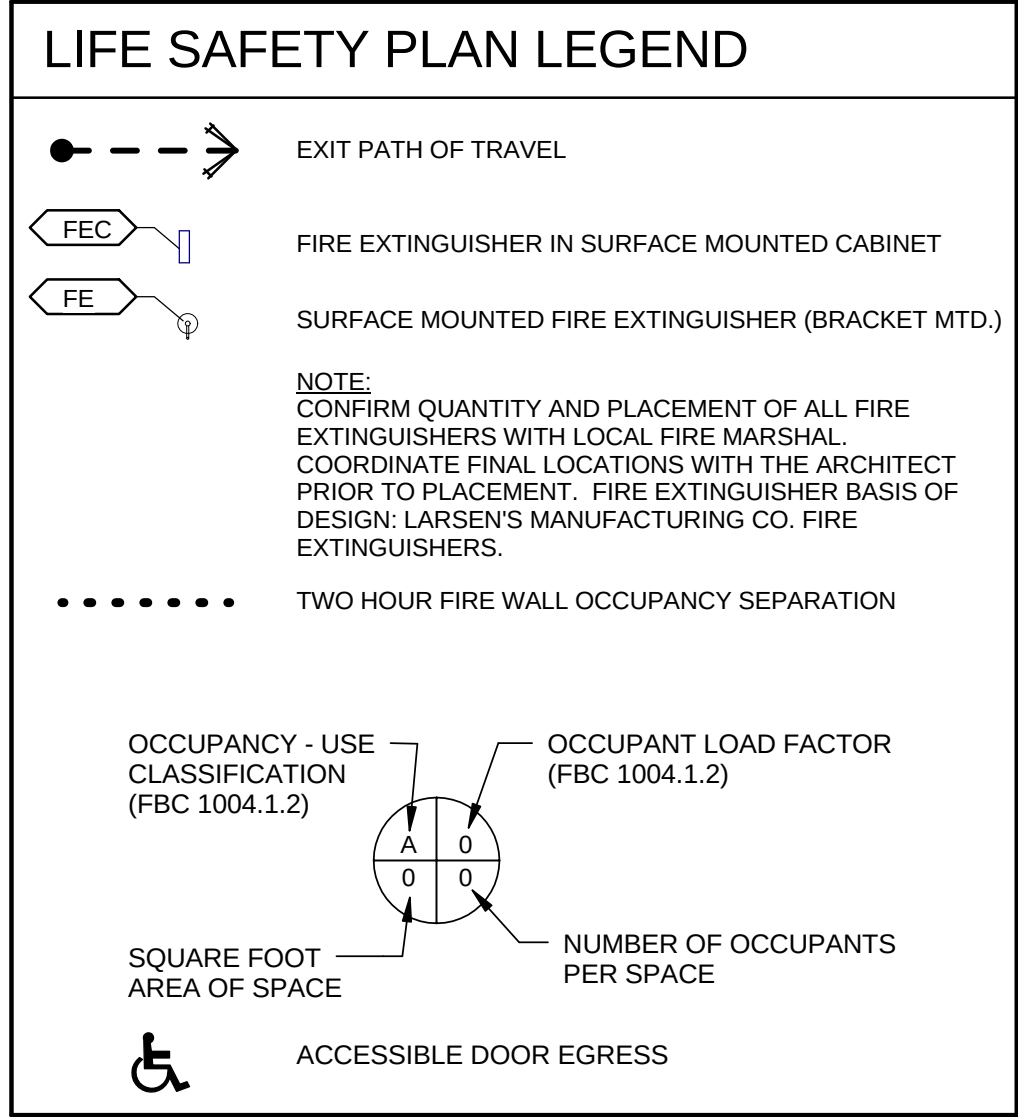
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F
E
D
C
B
A



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

TOILET ACCESSORY SCHEDULE				
Mark	DESCRIPTION	FINISH	ADA COMPLIANT	COMMENTS
T-1	Multi-Roll Toilet Tissue Dispenser, Reserve Roll	S.S.	YES	VANDAL RESISTANT
T-2	36" L. Grab Bar Mounted to ADA Standards	S.S.	YES	
T-3	42" I. Grab Bar Mounted to ADA Standards	S.S.	YES	
T-4	Surface Mounted Soap Dispenser (DBL. Roll)	S.S.	YES	VANDAL RESISTANT
T-5	Surface Mounted Paper Towel Dispenser	S.S.	YES	VANDAL RESISTANT
T-6	Surface Mounted Seat Cover Dispenser	S.S.	YES	VANDAL RESISTANT
T-7	MIRROR (11"x17")	S.S.	YES	VANDAL RESISTANT
T-8	BABY CHANGING STATION	S.S.	YES	KOALA KARE - VANDAL RESISTANT



BUILDING CODE AND LIFE SAFETY ANALYSIS

BUILDING DESCRIPTION: THE ONE STORY, 1,147 GSF MULTI-PURPOSE BUILDING. THE ASSOCIATED SPACES WITHIN THE FACILITY WILL INCLUDE: ACCESSIBLE PUBLIC RESTROOMS, JANITOR CLOSET, AND A BUSINESS RESOURCE CONFERENCE ROOM AREA. THE BUILDING WILL BE SLAB ON GRADE WITH LOAD BEARING CAST-IN-PLACE MASONRY WALLS AND BEAMS WITH A CONCRETE ROOF SPLIT-SYSTEM ROOF DECK.	
BUILDING LOCATION: OWNER: CITY OF DESTIN, THE HARBOR CRA DISTRICT, 42 INDIAN BAYOU TRAIL, DESTIN, FLORIDA, 32541	
FIRE PROTECTION: THE BUILDING WILL NOT BE PROTECTED WITH AN AUTOMATIC SPRINKLER SYSTEM.	
APPLICABLE BUILDING CODES 2014 FLORIDA BUILDING CODE: BUILDING 2014 FLORIDA BUILDING CODE: MECHANICAL 2014 FLORIDA BUILDING CODE: PLUMBING 2014 FLORIDA FIRE PREVENTION CODE 2014 NFPA 101 LIFE SAFETY CODE 2014 FLORIDA BUILDING CODE: ACCESSIBILITY 2014 FLORIDA BUILDING CODE: ENERGY CONSERVATION NFPA 70 (2011) NATIONAL ELECTRICAL CODE NFPA 10 (2010) STANDARD FOR PORTABLE FIRE EXTINGUISHERS BUILDING SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE 2014 FLORIDA BUILDING CODE (FBC) AND LOCAL CODE ORDINANCES.	
GENERAL INFORMATION	
TYPE "IIB" NON-COMBUSTIBLE 2 STORIES, PERMITTED 9,800 SF TOTAL AREA, PERMITTED 30 OCCUPANT LOAD, CALCULATED	(FBC TABLE 503) (FBC TABLE 503) (FBC TABLE 503) (FBC TABLE 1004.1.1)
USE AND OCCUPANCY CLASSIFICATION (FBC CHAPTER 3)	
USE GROUP: MIXED USE OCCUPANCY MAIN OCCUPANCY: BUSINESS GROUP B OCCUPANCY - NON-SEPARATED, NON-SPRINKLERED BUSINESS GROUP "B" ACCESSORY ASSEMBLY (UNCONCENTRATED) OCCUPANCY GROUP A-3	
(FBC 506.5) (FBC 304.1) (FBC 304.1) (FBC 508.1)	
BUSINESS GROUP "B" (FBC 304.1)	
GENERAL BUILDING HEIGHTS AND AREAS (FBC CHAPTER 5)	
MAXIMUM HEIGHT PERMITTED (FBC TABLE 503): ACTUAL HEIGHT PROPOSED: MAXIMUM AREA PERMITTED: ACTUAL AREA PROPOSED	2 STORIES 1 STORY, 12 FEET 0 INCHES 9,000 GSF 1,147 GSF
CONSTRUCTION TYPE TYPE IIB - NON-COMBUSTIBLE, NON-SEPARATED, NON-SPRINKLERED	
(FBC CHAPTER 6) (FBC TABLE 601)	
BUILDING ELEMENTS	
FIRE RESISTANCE RATING FOR BUILDING ELEMENT	(HOURS)
PRIMARY STRUCTURAL FRAMES BEARING WALLS EXTERIOR INTERIOR NONBEARING WALLS AND PARTITIONS INTERIOR FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY ROOF CONSTRUCTION AND ASSOCIATED SECONDARY	0 0 0 0 0 0 0
FIRE SEPARATION DISTANCE X >= 30'-0" PROVIDED: 16'-0"	0
OCCUPANCY SEPARATION (FBC TABLE 508.4) SEPARATION OF "A-3" AND "B"	2
MEANS OF EGRESS (FBC CHAPTER 10)	
OCCUPANCY LOAD: (FBC TABLE 1004.1.2) SEE ROOM AREAS ON FLOOR PLAN AND LIFE SAFETY PLAN LEGEND THIS SHEET	
MAXIMUM NUMBER OF OCCUPANTS = 30	
MEANS OF EGRESS SIZING (FBC 1005.1)	
OTHER EGRESS COMPONENTS = OCCUPANCY X 0.2 INCHES = WIDTH = 30 X 0.2 = 6 INCHES	
CONTINUITY (FBC 1005.4) DISTRIBUTION (FBC 1005.5)	COMPLIES COMPLIES
MEANS OF EGRESS ILLUMINATION (FBC 1006)	
ILLUMINATION REQUIRES (FBC 1006.1) ILLUMINATION LEVEL (FBC 1006.2) EMERGENCY POWER (FBC 1006.3) ILLUMINATION UNDER EMERGENCY POWER (FBC 1006.3.1)	COMPLIES COMPLIES COMPLIES COMPLIES
ACCESSIBLE MEANS OF EGRESS (FBC 1007)	
ACCESSIBLE MEANS OF EGRESS REQUIRED (FBC 1007.1)	COMPLIES
EXIT AND EXIT ACCESS DOORWAYS (FBC 1015)	
SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY (FBC TABLE 1015.1): USE GROUP "B" MAXIMUM LOAD = NUMBER OF EXITS REQUIRED = NUMBER OF EXITS PROVIDED =	30 2 3
EXIT ACCESS TRAVEL DISTANCE (FBC 1016)	
EXIT ACCESS TRAVEL DISTANCE (FBC TABLE 1016.1) PERMITTED PER USE GROUP "B" WITHOUT SPRINKLER = ACTUAL PROPOSED TRAVEL EXIT ACCESS TRAVEL DISTANCE =	200 FEET 30 FEET
ACCESSIBILITY (FBC CHAPTER 11): (FBC 1101.2)	
ACCESSIBLE ROUTE (FBC 1104) ACCESSIBLE ENTRANCE (FBC 1105) PARKING & PASSENGER LOADING FACILITIES (FBC 1106) OTHER FEATURES & FACILITIES (FBC 1109) SIGNAGE (FBC 1110)	COMPLIES (REFER TO SITE PLAN) COMPLIES (REFER TO FLOOR PLAN) COMPLIES (REFER TO SITE PLAN) COMPLIES (REFER TO ARCH DWGS) COMPLIES (REFER TO ARCH DWGS)

BUILDING KEYNOTE LEGEND

KEY	DESCRIPTION
A1	CAST-IN-PLACE EXTERIOR CONCRETE WALLS (PAINTED) - SEE STRUCTURAL FOR DETAILS AND FINISH.
A2	CONCRETE SPLIT SLAB ROOFING SYSTEM WITH ROOF PAVERS AND LEVELING SYSTEM - SEE DETAIL 9/A501 FOR SYSTEM DESCRIPTION (REFER TO STRUCTURAL AND LANDSCAPE PLANS/DETAILS FOR ADDITIONAL INFORMATION).
A3	48"W. x 18"D. x 14"H. LOCKER ROOM BENCH
A4	SEE STRUCTURAL FOR CONCRETE SLAB AND FOUNDATIONS.
A5	CONTINUOUS METAL EDGE FLASHING PER MEMBRANE MANUFACTURER'S TYP. DETAILS (EXTEND 8" DOWN FACE)
A6	ACCESSIBLE S.S. HI-LOW DRINKING FOUNTAIN WITH BOTTLE REFILLING STATION (SEE PLUMBING DRAWINGS).
A8	INSULATED, HURRICANE-RATED, FRP DOOR AND HEAVY DUTY ALUM. FRAME - SEE DOOR SCHEDULE A601 (COLOR BY OWNER).
A10	PRE-FINISHED ALUMINUM GUARDRAIL SYSTEM - SEE LANDSCAPE DRAWINGS FOR TYP. DETAIL.
A11	REFER TO MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR EQUIPMENT LAYOUT LOCATIONS AND EXTENT OF WORK REQUIRED.
A12	REFER TO ELECTRICAL DRAWINGS FOR LIGHTING FIXTURE TYPE AND LOCATION (TYP.).
A13	2X 2' SUSPENDED WOODTRAC CEILING SYSTEM (BY SAUDER) OVER 15/16" DROP CEILING GRID. PANEL THICKNESS 3/8" CLASS A, COLOR: ABBY OAK, 2" TEAR-DROP MOLDING PROFILE (SEE DETAIL 3/A102)
A15	STAINLESS STEEL CEILING SUPPORTED TOILET PARTITION (TYP.)
A16	CONTROL JOINT (CJ) SEE STRUCTURAL DRAWINGS FOR LOCATION AND TYP. DETAIL.

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TETRA TECH
ENGINEERING BUSINESS NO. 3429

CITY OF DESTIN
FLORIDA

Project No.: 200-08496-14003
Designed By: D. GALANTE
Drawn By: T. HOURIGAN
Checked By: J. BIAGI

A101

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THE HARBOR CRA DISTRICT

CITY OF DESTIN, FL
CAPTAIN ROYAL MELVIN - HERITAGE PARK

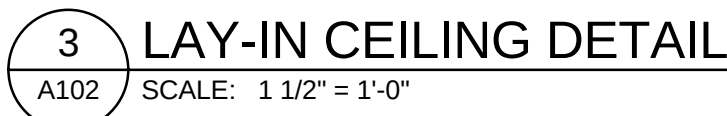
FLOOR PLAN AND CODE ANALYSIS

PLAN NORTH
TRUE NORTH

0 2' 4' 8'
SCALE: 1/4" = 1'-0"

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Bar Measures 1 inch





SUSP. FLUORESCENT
LIGHT (REFER TO
ELECTRICAL DWGS.)

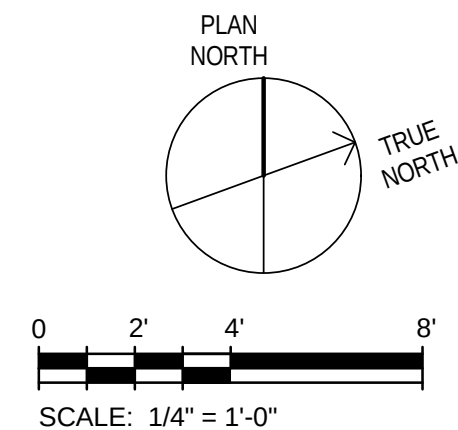


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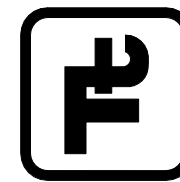
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Destin, FL 32541

MARK	DATE	DESCRIPTION	BY
1	06.15.17	90% REVIEW	

CITY OF DESTIN, FL

CAPTAIN ROYAL MELVIN - HERITAGE PARK

ROOF PLAN / REFLECTED CEILING PLAN / AND DETAILS

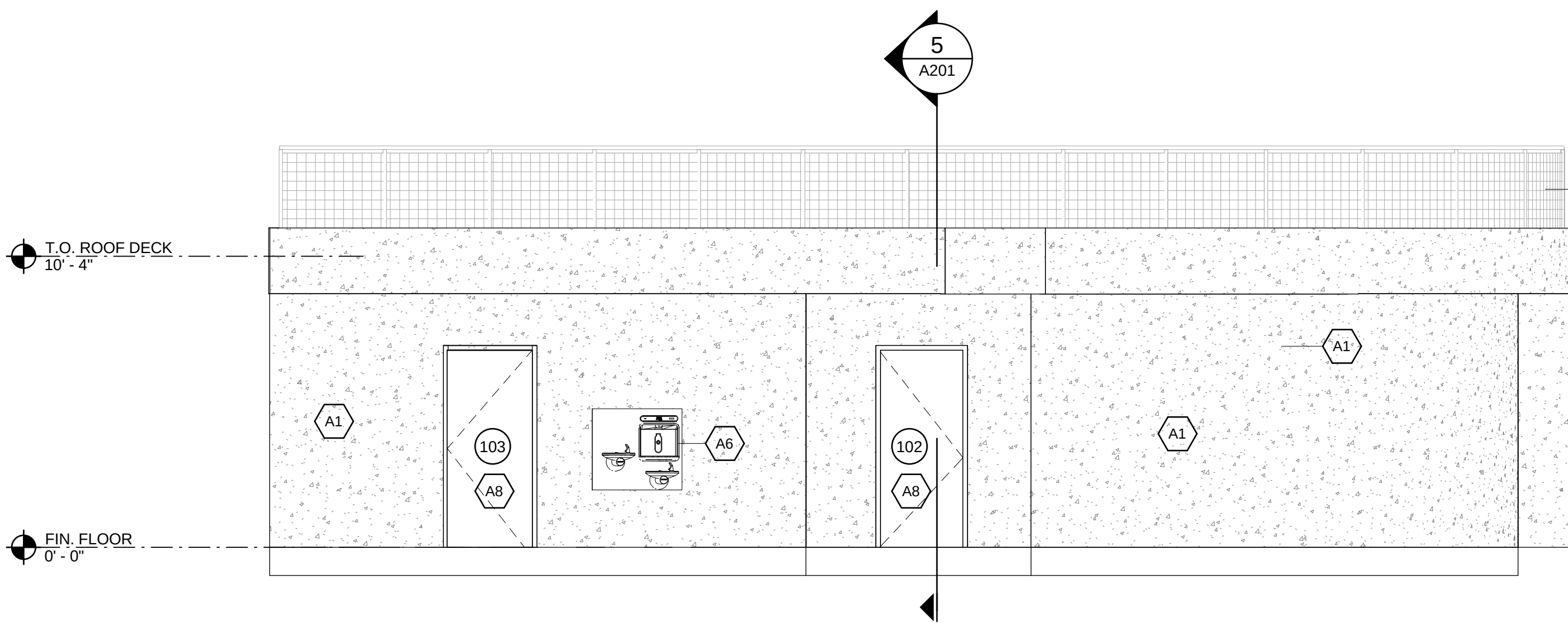
Project No.:	200-08496-14003
Designed By:	Designer
Drawn By:	Author
Checked By:	Checker

A102

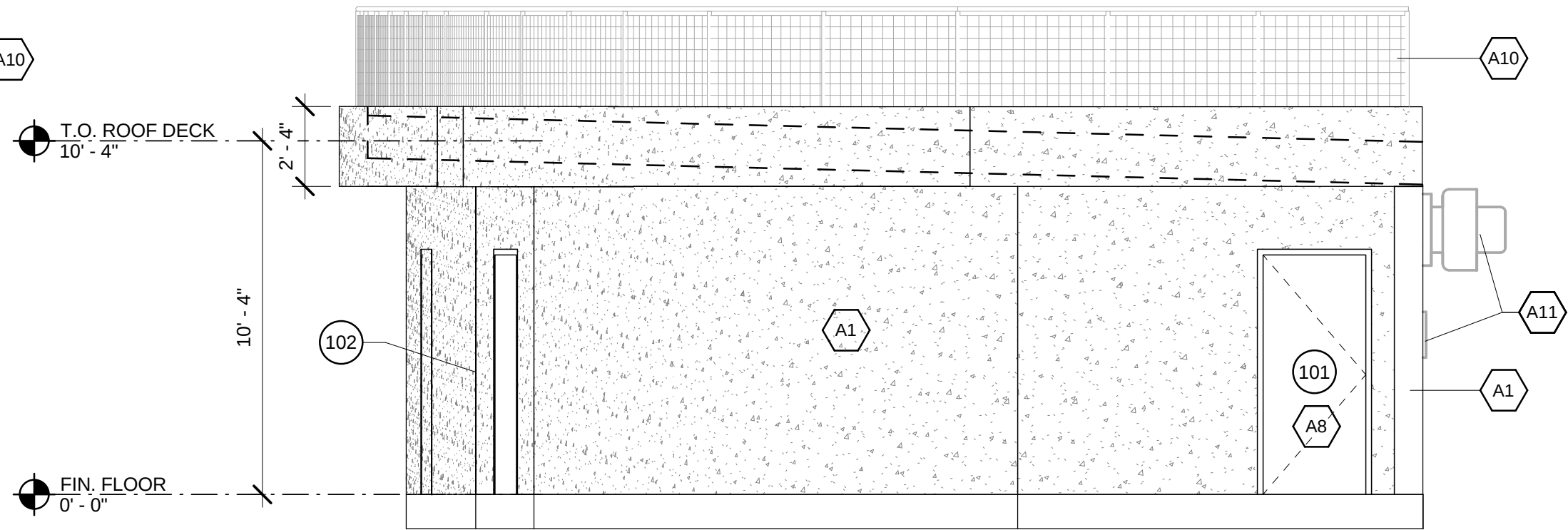
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Bar Measures 1 inch

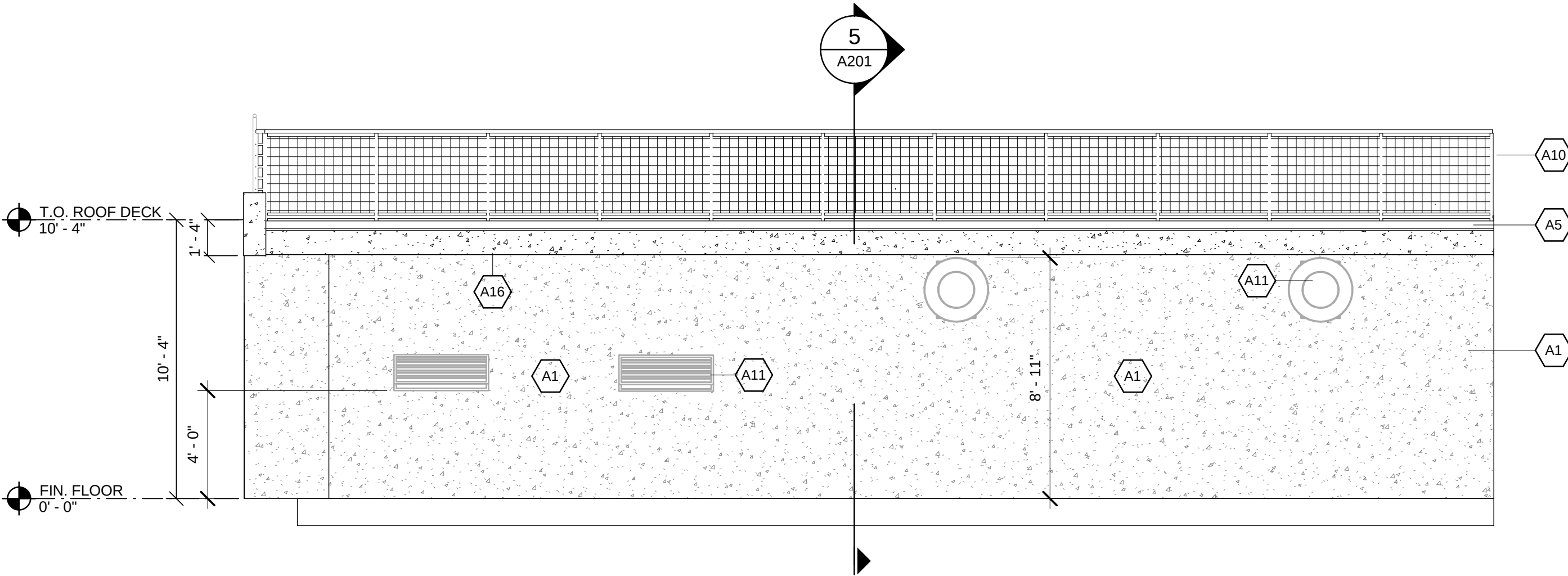
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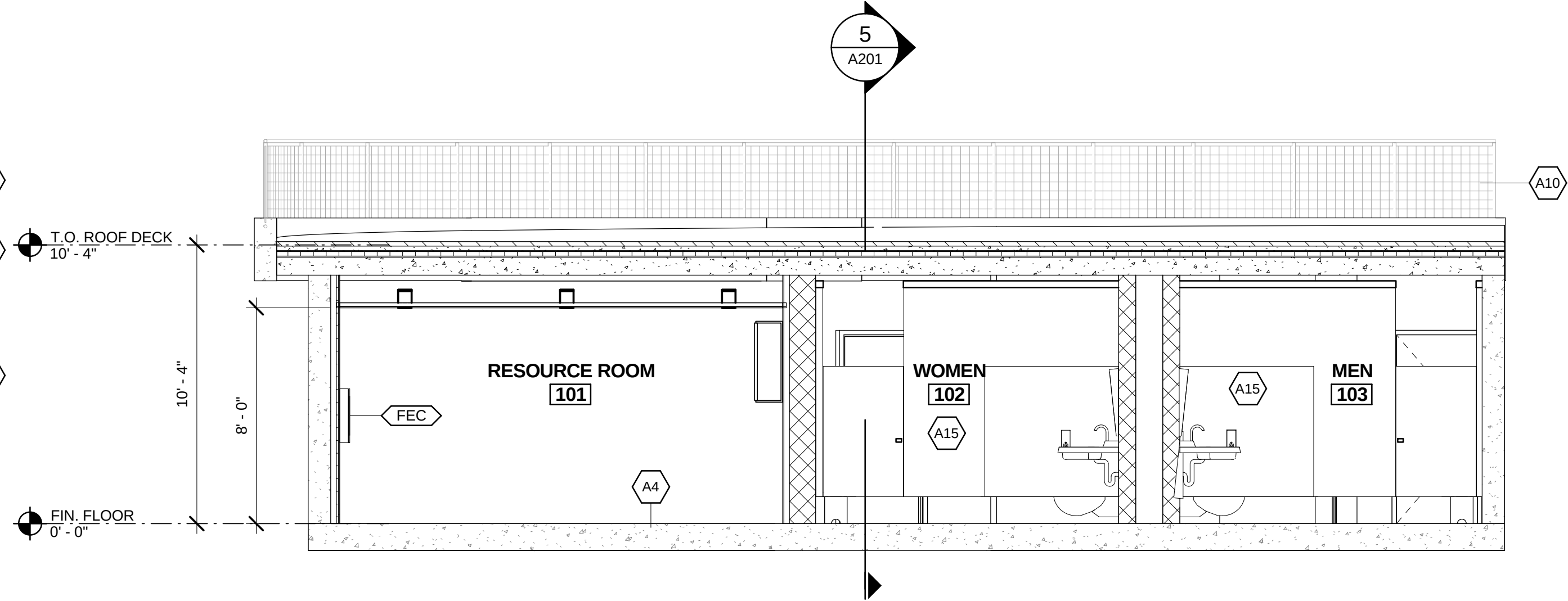
2 ELEVATION - NORTH
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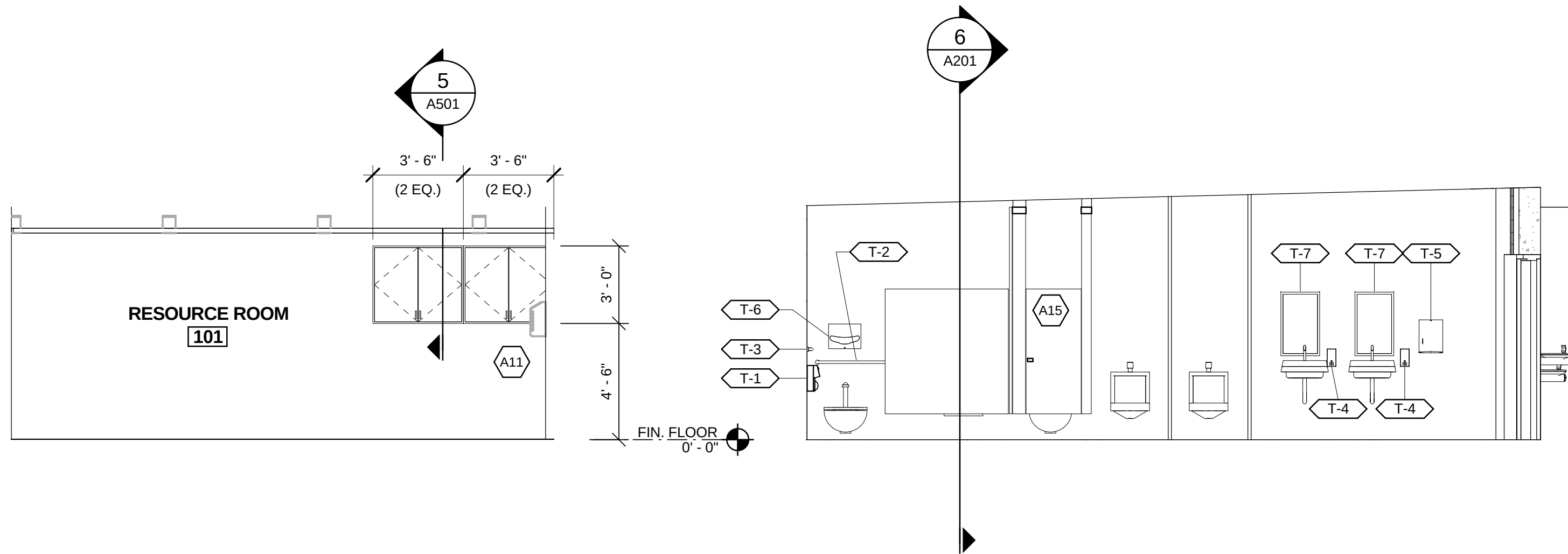
1 ELEVATION - WEST
A201 SCALE: 1/4" = 1'-0"



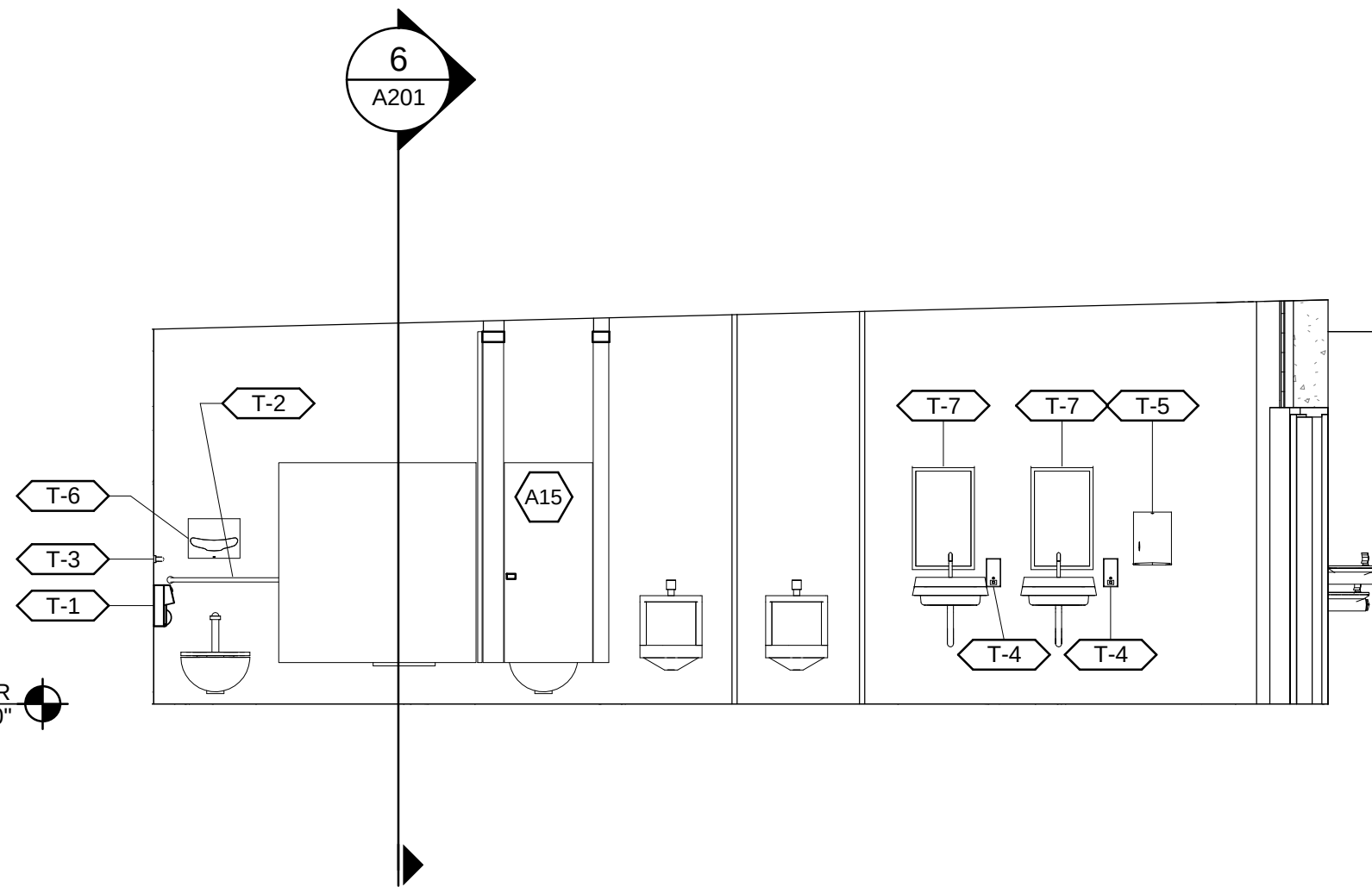
7 ELEVATION - SOUTH
A201 SCALE: 1/4" = 1'-0"



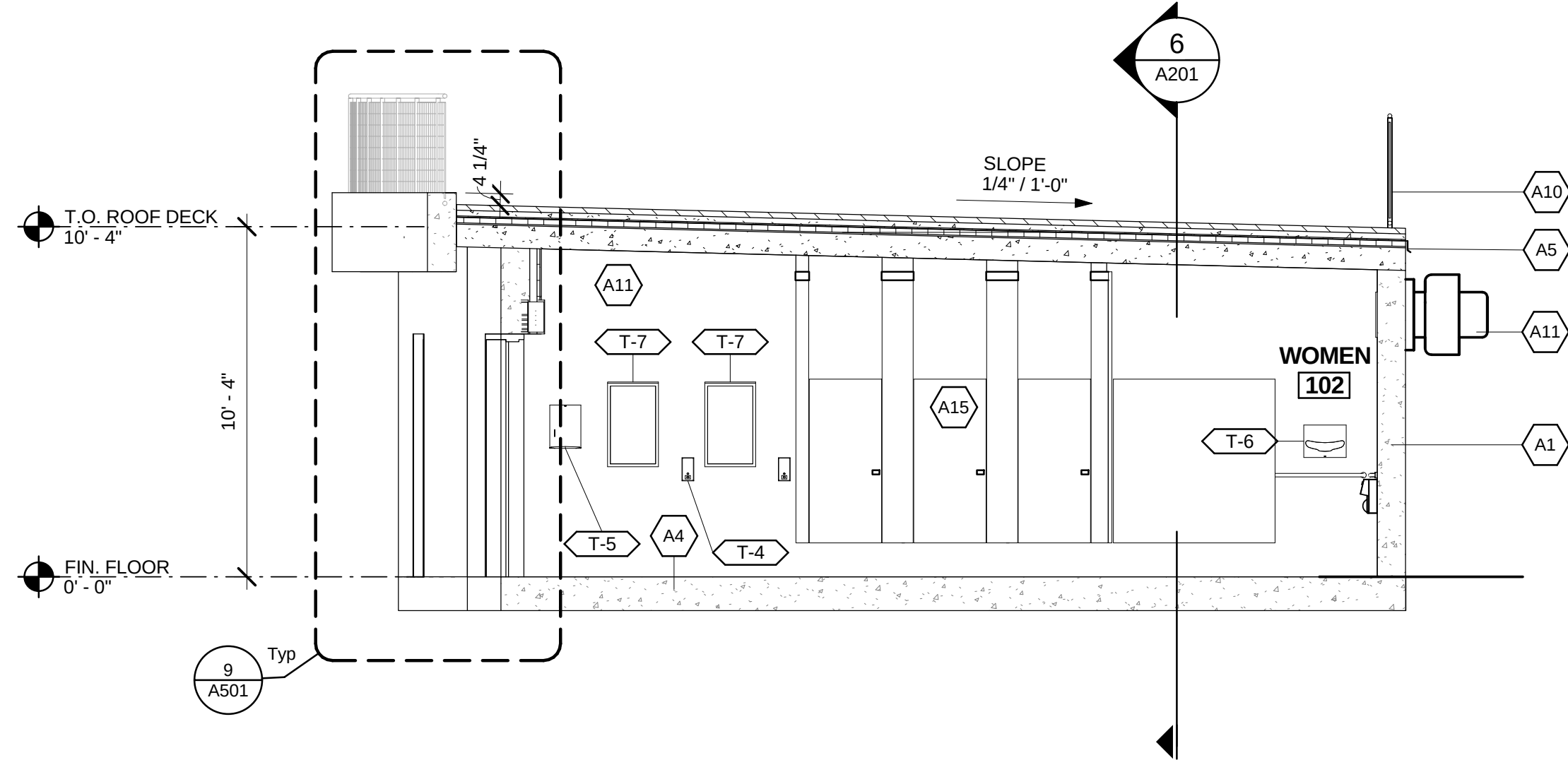
6 LONGITUDINAL SECTION
A201 SCALE: 1/4" = 1'-0"



3 INTERIOR ELEV - RESOURCE RM. 101
A201 SCALE: 1/4" = 1'-0"



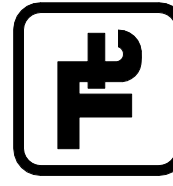
4 INTERIOR ELEV. - MEN 103
A201 SCALE: 1/4" = 1'-0"



5 CROSS SECTION
A201 SCALE: 1/4" = 1'-0"

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A6	ACCESSIBLE S.S. HI-LOW DRINKING FOUNTAIN WITH BOTTLE REFILLING STATION (SEE PLUMBING DRAWINGS).
A8	INSULATED, HURRICANE-RATED, FRP DOOR AND HEAVY DUTY ALUM. FRAME - SEE DOOR SCHEDULE A601 (COLOR BY OWNER).
A10	PRE-FINISHED ALUMINUM GUARDRAIL SYSTEM - SEE LANDSCAPE DRAWINGS FOR TYP. DETAIL
A11	REFER TO MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR EQUIPMENT LAYOUT LOCATIONS AND EXTENT OF WORK REQUIRED.
A12	REFER TO ELECTRICAL DRAWINGS FOR LIGHTING FIXTURE TYPE AND LOCATION (TYP.).
A13	2'X 2' SUSPENDED WOODTRAC CEILING SYSTEM (BY SAUDER) OVER 15/16" DROP CEILING GRID. PANEL THICKNESS 3/8" CLASS A, COLOR: ABBY OAK, 2" TEAR-DROP MOLDING PROFILE (SEE DETAIL 3/A102)
A15	STAINLESS STEEL CEILING SUPPORTED TOILET PARTITION (TYP.).
A16	CONTROL JOINT (C) SEE STRUCTURAL DRAWINGS FOR LOCATION AND TYP. DETAIL.

90% DRAFT - NOT FOR CONSTRUCTION

TETRA TECH
ENGINEERING BUSINESS NO. 2429


CITY OF DESTIN
FLORIDA


Project No.: 200-08496-14003
Designed By: Designer
Drawn By: Author
Checked By: Checker

A201

CITY OF DESTIN, FL
CAPTAIN ROYAL MELVIN - HERITAGE PARK
EXTERIOR & INTERIOR ELEVATIONS

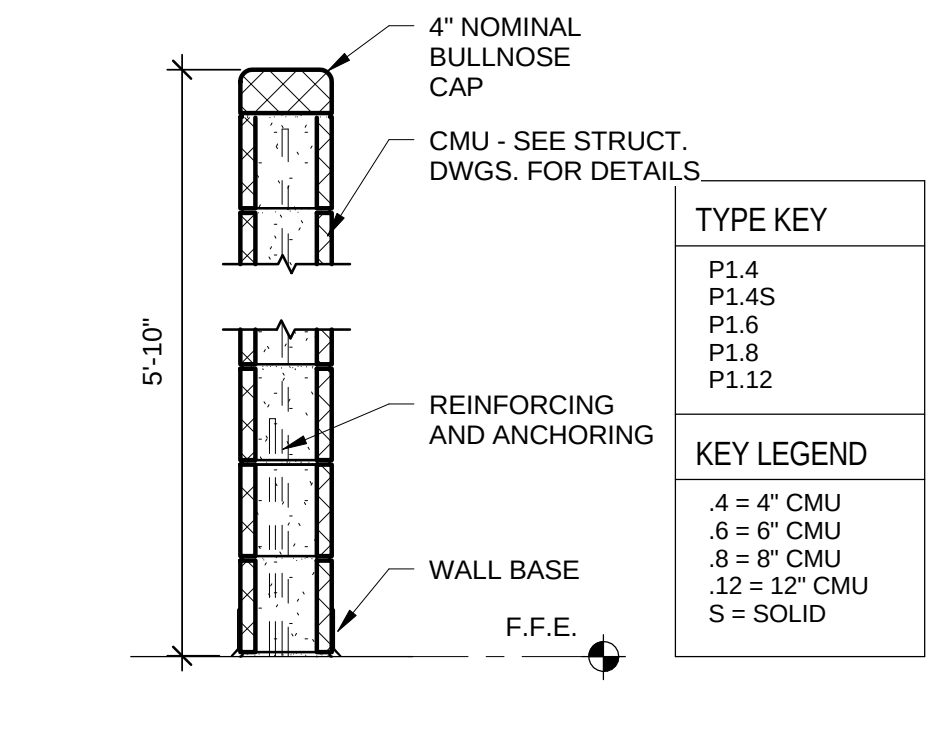
BY
DATE
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06.15.17
90% REVIEW

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Bar Measures 1 inch

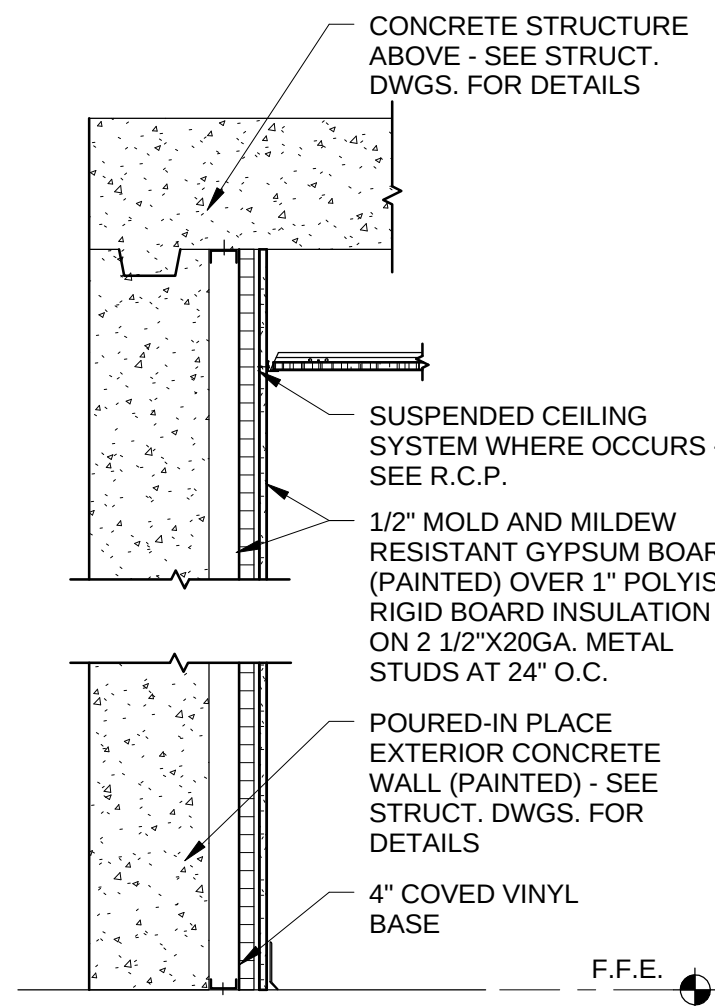
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1 WALL TYPE 1
A501 SCALE: 3/4" = 1'-0"

TYPE KEY	
P1.4	
P1.4S	
P1.6	
P1.8	
P1.12	

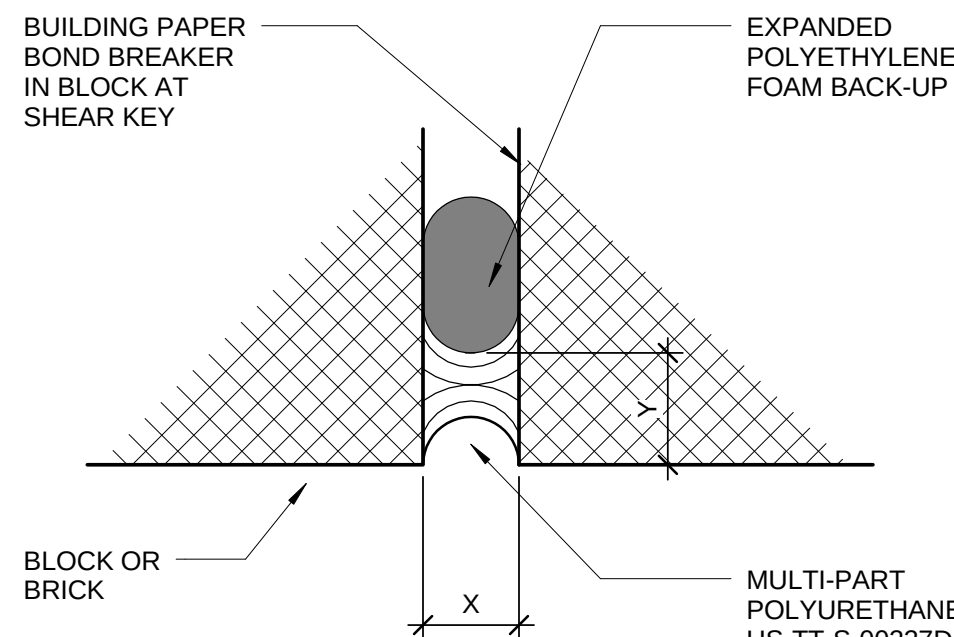
KEY LEGEND	
.4 = 4" CMU	
.6 = 6" CMU	
.8 = 8" CMU	
.12 = 12" CMU	
S = SOLID	



4 WALL TYPE P5
A501 SCALE: 3/4" = 1'-0"

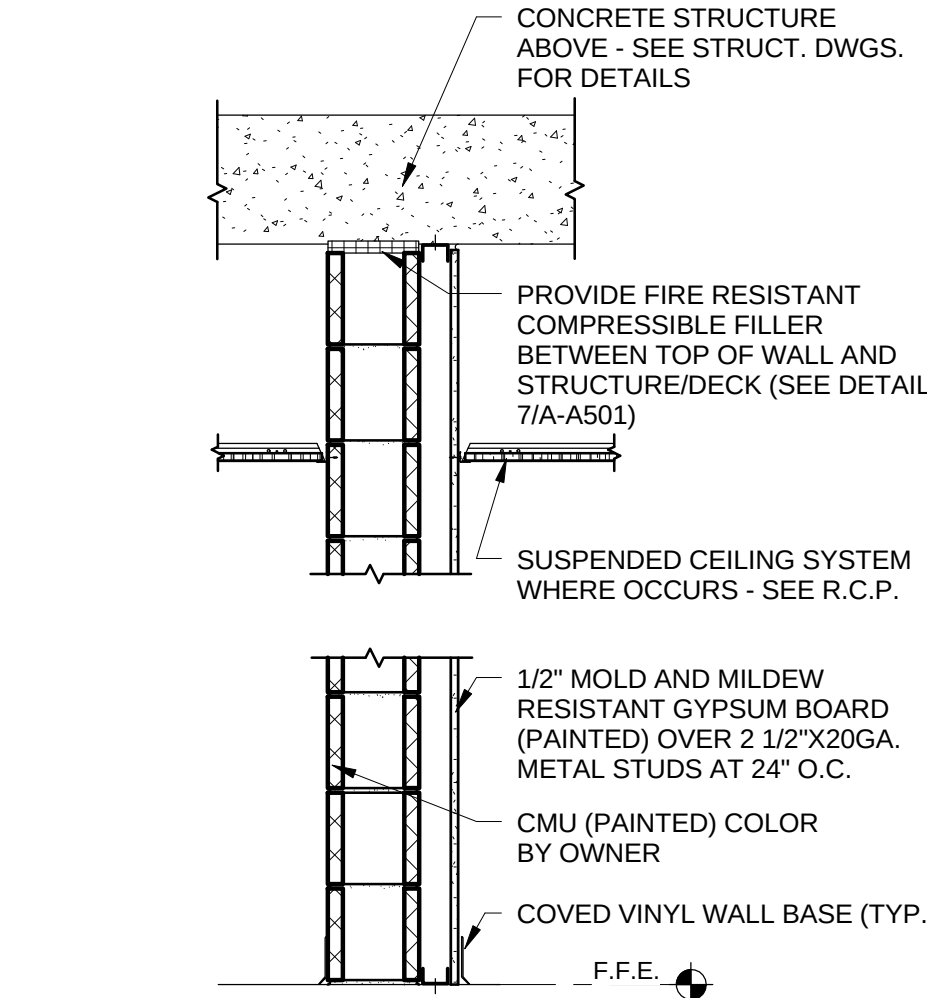
TYPE KEY	
P5.4	
P5.6	
P5.8	
P5.10	

KEY LEGEND	
.4 = 4" CONC.	
.6 = 6" CONC.	
.8 = 8" CONC.	
.10 = 10" CONC.	



NOTES:
1. 'X' DIMENSION TO EQUAL TYPICAL MASONRY JOINT.
2. 'Y' DIMENSION TO EQUAL 'X'

7 MASONRY CONTROL JOINT
A501 SCALE: N.T.S.

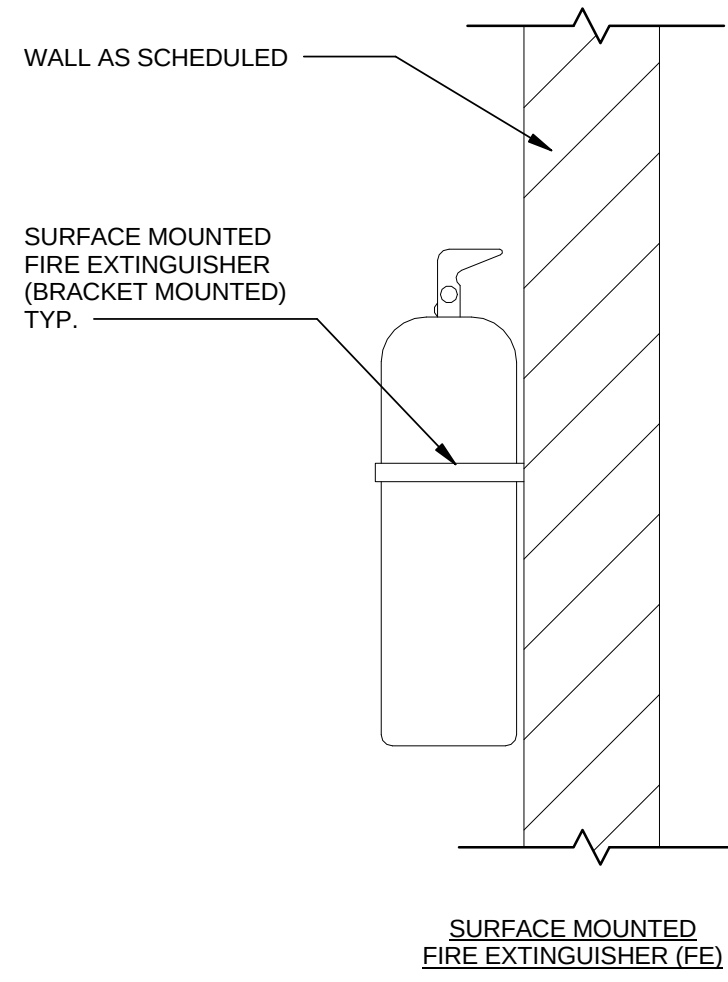


3 WALL TYPE P3
A501 SCALE: 3/4" = 1'-0"

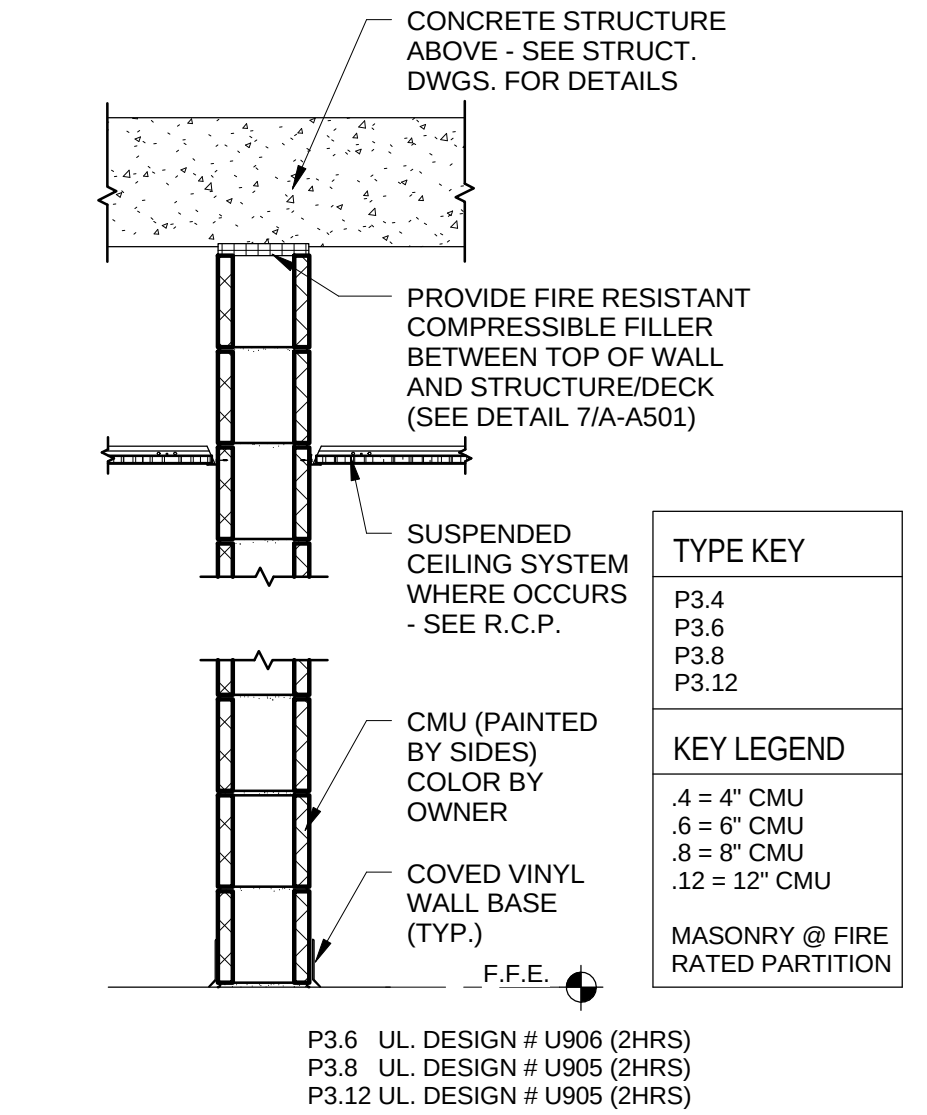
TYPE KEY	
P4.4	
P4.6	
P4.8	
P4.12	

KEY LEGEND	
.4 = 4" CMU	
.6 = 6" CMU	
.8 = 8" CMU	
.12 = 12" CMU	

MASONRY @ FIRE RATED PARTITION



6 FIRE EXTINGUISHER CABINET
A501 SCALE: 1 1/2" = 1'-0"



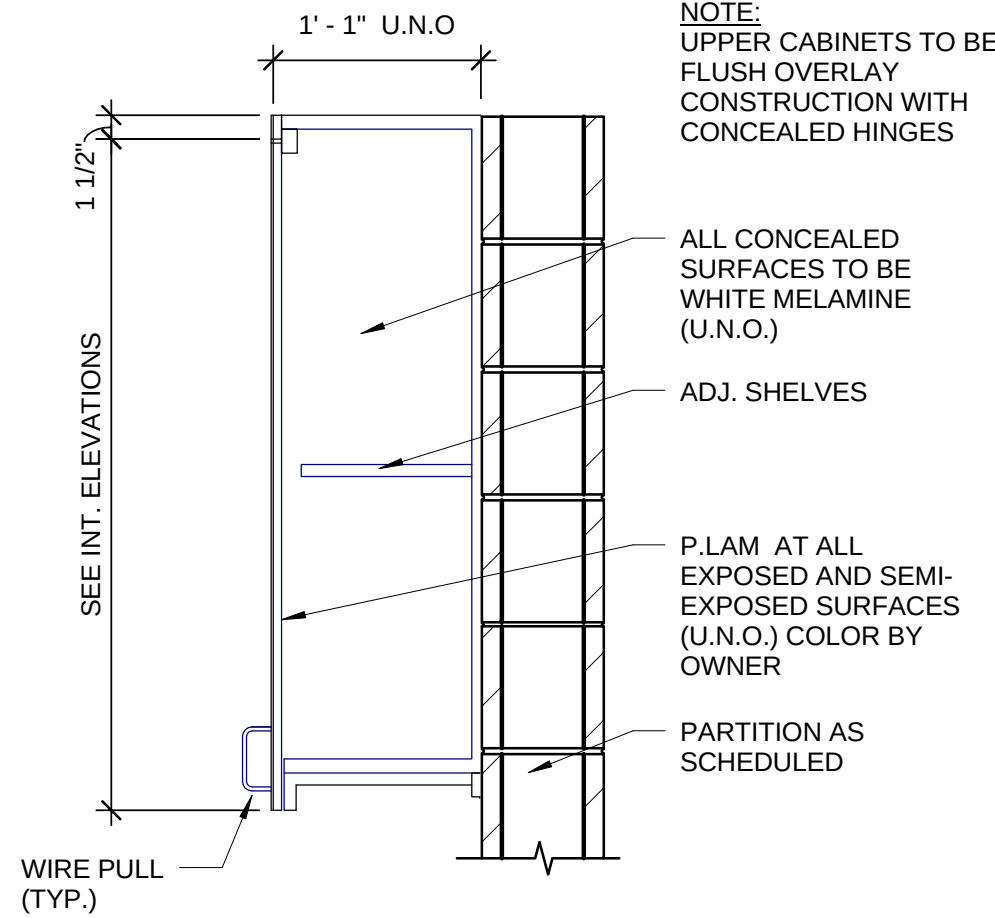
2 WALL TYPE P3
A501 SCALE: 3/4" = 1'-0"

TYPE KEY	
P3.4	
P3.6	
P3.8	
P3.12	

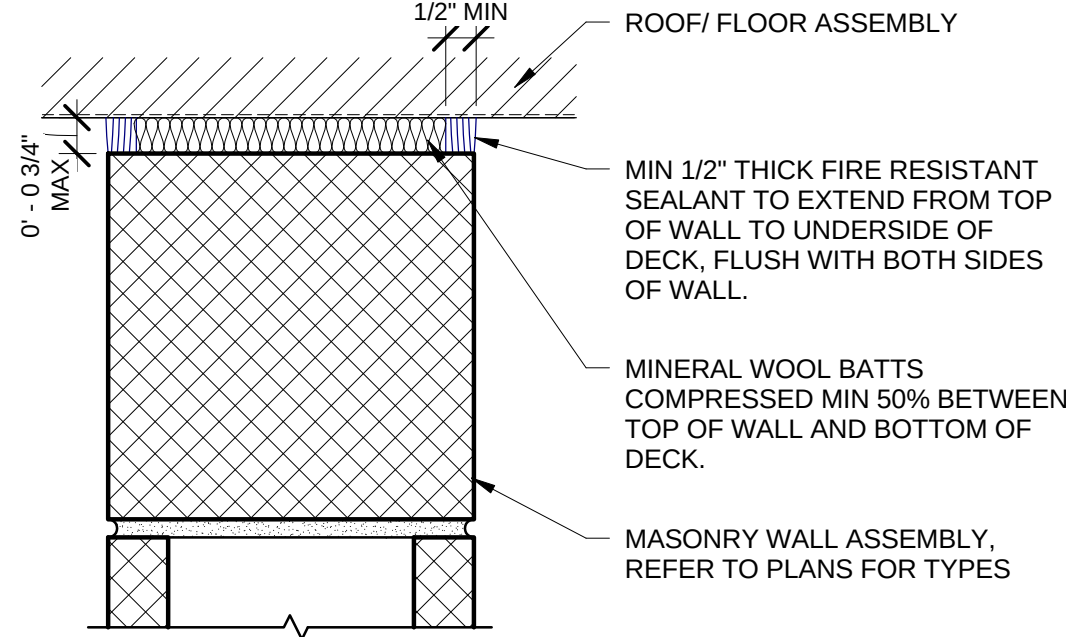
KEY LEGEND	
.4 = 4" CMU	
.6 = 6" CMU	
.8 = 8" CMU	
.12 = 12" CMU	

MASONRY @ FIRE RATED PARTITION

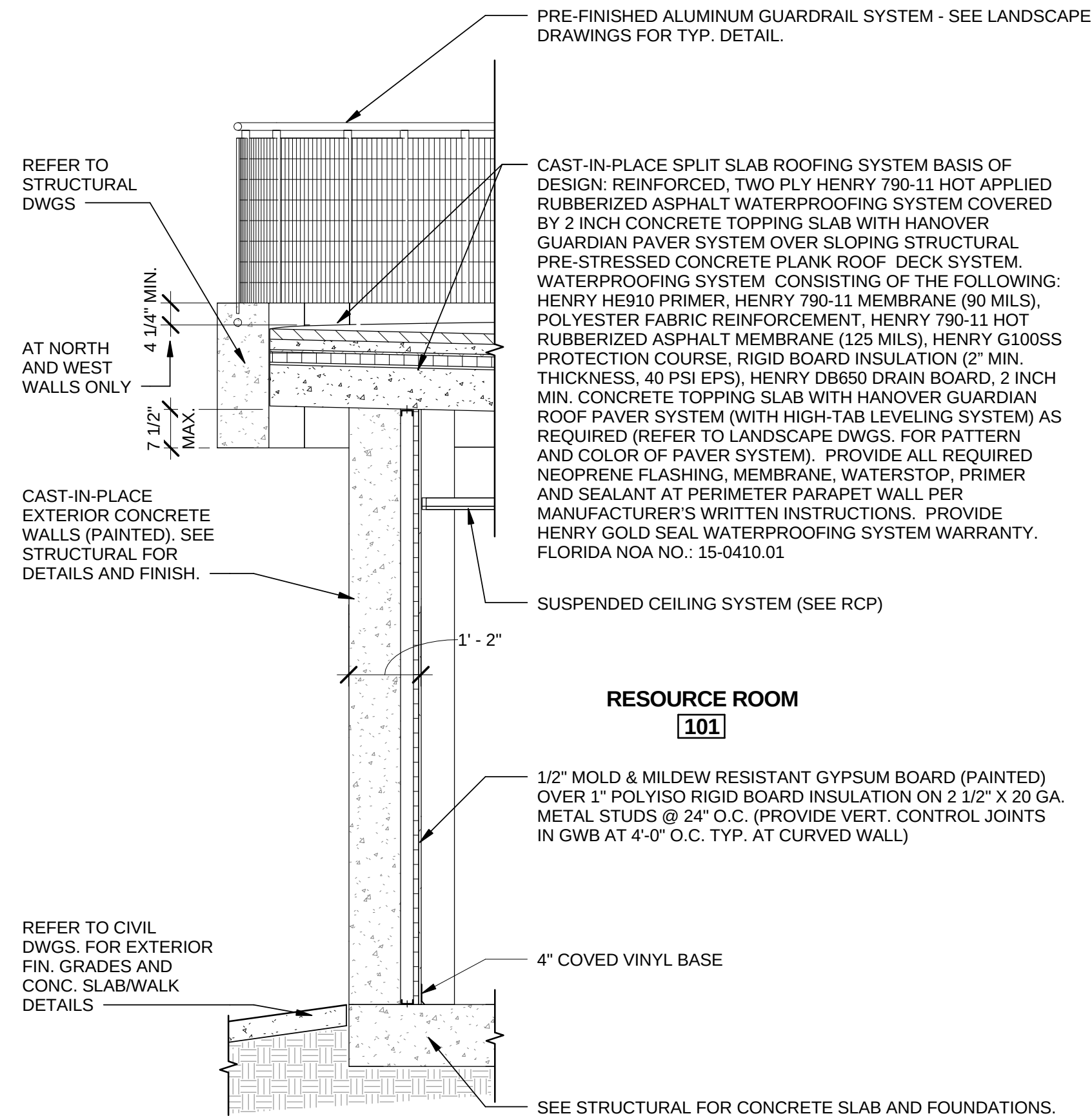
P3.6 UL DESIGN # U906 (2HRS)
P3.8 UL DESIGN # U905 (2HRS)
P3.12 UL DESIGN # U905 (2HRS)



5 UPPER CABINET SECTION
A501 SCALE: 1" = 1'-0"



8 TOP OF WALL ASSEMBLY (TYP.)
A501 SCALE: 3" = 1'-0"



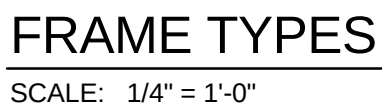
9 EXTERIOR WALL SECTION
A501 SCALE: 1/2" = 1'-0"

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TETRA TECH ENGINEERING BUSINESS NO. 2429 		www.tetra-tech.com 201 East Pine Street, Suite 1000 Orlando, FL 32801 Tel: 407.839.9955 Fax: 407.839.3970
CITY OF DESTIN FLORIDA 		www.cityofdestin.com 4200 Indian Bayou Tr. Destin, FL 32541 Phone: 850.837.4242
BY	DESCRIPTION	
DATE	90% REVIEW	
MARK	1	
CITY OF DESTIN, FL CAPTAIN ROYAL MELVIN - HERITAGE PARK ARCHITECTURAL DETAILS		Project No.: 200-08496-14003 Designed By: D. GALANTE Drawn By: T. HOURIGAN Checked By: Q. BIAGI
A501		Copyright: Tetra Tech

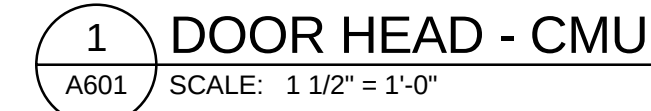
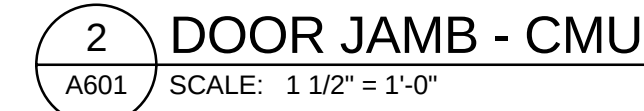
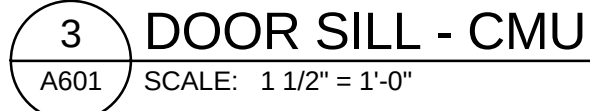
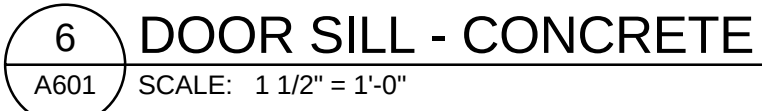
DOOR NOTES:

1. INSULATED, HURRICANE-RATED HVHZ, FRP DOOR WITH HEAVY DUTY ALUMINUM FRAMES WITH RIM EXIT DEVICE AND CONTINUOUS HINGES. BASIS OF DESIGN: CECO DOORS, TRIO-E, ± 70 PSF DESIGN PRESSURE, FLORIDA PRODUCT APPROVAL NUMBER: FL 4553.



FINISH LEGEND:

VB-1	4" VINYL COVED BASE, COLOR: DARK GRAY
PTD-1	PAINTED, SEMI-GLOSS, COLOR: BY OWNER
SS-1	STAINED AND SEALED, SLIP RESISTANT CONCRETE FLOOR, COLOR: BY OWNER.
WCS	2X2 SUSPENDED WOODTRAC CEILING SYSTEM (REFER TO REFLECTED CEILING PLAN ON A-102 FOR ADDITIONAL INFORMATION).



Friday, June 30, 2017 3:31:28 PM DRAWING: WTTSLB1FSJ\Projects\Destin\101\200-08535-14002 Heritage Park & Plaza Design\CAD\SheetFiles\S-100 Structural.DWG LAYOUT: S100 USER NAME: LOPEZ, HERMAN

GENERAL NOTES

- A. THESE GENERAL NOTES PRESENT AND/OR SUMMARIZE KEY PROJECT INFORMATION FOR THE PLANS. ALSO REFER TO INDIVIDUAL PLAN NOTES AND PROJECT SPECIFICATIONS FOR FURTHER DETAILS AND REQUIREMENTS.
- B. ALL REFERENCES TO REFERENCE STANDARDS HEREIN ARE TO MOST RECENT ISSUE IN EFFECT AS OF THE DATE OF THESE DOCUMENTS, UNLESS NOTED OTHERWISE IN PROJECT SPECIFICATIONS OR ON THE PLANS.
- C. ABBREVIATIONS:

A.R.	— ANCHOR ROD	FIN.	— FINISH	PL	— PLATE
ALT.	— ALTERNATE	FLR.	— FLOOR	P.L.F.	— POUNDS PER FOOT
ARCH.	— ARCHITECT(URAL)	FDN.	— FOUNDATION	PSF	— POUNDS PER FOOT ²
BLDG.	— BUILDING	F.A.	— FAR SIDE	PSI	— POUNDS PER FOOT ²
BM.	— BEAM	FT.	— FOOT, FEET	PT	— PRESSURE TREATED
BLDG.	— BOTTOM	FTG.	— FOOTING	R	— RADIUS
BRG.	— BEARING	GA.	— GAGE	REINF.	— REINFORCING
CFS	— COLD-FORMED STEEL	GALV.	— GALVANIZED	REQ'D	— REQUIRED
CJ	— CONTROL JOINT	H.A.	— HOLLOW CORE	REV.	— REVISED/REVISION
CL	— CENTERLINE	HOG	— HOT-DIPPED GALV.	SCHED.	— SCHEDULE
CLR.	— CLEAR	HORIZ.	— HORIZONTAL	SIM.	— SIMILAR
CMU	— CONCRETE MASONRY UNIT	H.P.	— HIGH POINT	SQ.	— SQUARE
COL.	— COLUMN	I.J.	— ISOLATED JOINT	STD.	— STANDARD
CONC.	— CONCRETE	J.T.	— JOINT	STL.	— STEEL
CTR.	— CENTER	L	— ANGLE	STRUCT.	— STRUCTURAL
DBA	— DEFORMED BAR ANCHOR	LLH	— LONG LEG HORIZ.	S.S.	— STAINLESS STEEL
DEMO	— DEMOLITION	LLV	— LONG LEG VERT.	S.W.	— SHEAR WALL
DIA.	— DIAMETER	LG.	— LONG	TEMP.	— TEMPERATURE
DIM.	— DIMENSION	LWR.	— LOWER	T.O.	— TOP OF
DN	— DOWN	MAT'L.	— MATERIAL	T.O.C.	— TOP OF CONCRETE
DWG.	— DRAWING	MAX.	— MAXIMUM	T.O.S.	— TOP OF STEEL
E.A.	— EACH	MECH.	— MECHANICAL	TYPICAL	— TYPICAL
E.B.	— EXPANSION JOINT	MFR.	— MANUFACTURER	U.N.O.	— UNLESS NOTED OTHERWISE
EL	— ELEVATION	MIN.	— MINIMUM	VERT.	— VERTICAL
ELEC.	— ELECTRICAL	MISC.	— MISCELLANEOUS	VS.	— VALLEY SET
EQ.	— EQUAL	MTL.	— METAL	W/	— WITH
E.F.	— EACH FACE	N.F.	— NEAR FACE	WD.	— WOOD
E.W.	— EACH WAY	N.T.S.	— NOT TO SCALE	W.A.	— WORK POINT
EXIST.	— EXISTING	O/C	— ON CENTER	W/O	— WITHOUT
EXP.	— EXPANSION	OPN'G	— OPENING	W.W.F.	— WELDED WIRE FABRIC

- D. BUILDING INSPECTIONS SHALL BE CONDUCTED IN ACCORDANCE WITH FLORIDA BUILDING CODE, SECTION 109.
- E. SUBMIT SHOP DRAWINGS, PROJECT DATA AND SAMPLES AS SPECIFIED IN PROJECT SPECIFICATIONS.

DESIGN CRITERIA

BUILDING CODE: 2007 FLORIDA BUILDING CODE

- A. SUPERIMPOSED LIVE LOADS:
- TYPICAL FLOORS.....150 PSF
- GARAGE/SHOP FLOOR.....300 PSF
- WORKING SURFACES AROUND PUMP STATION100 PSF
- FLAT AND PITCHED ROOF.....20 PSF
- B. ENGINEERED WOOD AND HEAVY TIMBER TRUSS LOADING CRITERIA:
- ROOF DEAD LOAD.....20 PSF (10 PSF TOP CHORD/10 PSF BOT CHORD)
- DEAD LOAD TO RESIST UPLIFT15 PSF (5 PSF TOP CHORD/10 PSF BOT CHORD)
- ROOF LIVE LOAD.....20 PSF (20 PSF TOP CHORD/0 PSF BOT CHORD)
- DEFLECTION CRITERIA
- LIVE LOAD.....L/360
- TOTAL LOAD.....L/240
- IN ADDITION TO SCHEDULED TRUSS LOADING, THE BOTTOM CHORD SHALL BE DESIGNED FOR AN ADDITIONAL 120 LB CONCENTRATED DEAD LOAD BETWEEN MIDSPAN OF PANEL POINTS, ANY WHERE ALONG THE TRUSS FOR MAXIMUM SHEAR AND MOMENT CHORD STRESS.

- C. WIND LOAD
- BASIC WIND SPEED = 130 MPH
- WIND IMPORTANCE FACTOR, I = 1.15
- WIND EXPOSURE = B
- DIRECTIONALITY FACTOR = 0.85
- TOPOGRAPHY = FLAT
- INTERNAL PRESSURE COEFFICIENT, Gcpi = ±0.18
- BUILDING ENCLOSURE STATUS = ENCLOSED
- WIND BORNE DEBRIS REGION = YES
- D. FOUNDATIONS

- SEE GEOTECHNICAL/SUBSURFACE INVESTIGATION REPORT BY ATC & ASSOCIATES, INC. , ATC PROJECT NO. 24-20644.0002, DATED OCTOBER 11, 2006.
- ALLOWABLE BEARING PRESSURES ON NATIVE SOIL OR ENGINEERED FILL = 2,000 PSF
- GEOTECHNICAL ENGINEER SHALL BE RETAINED BY OWNER TO PROVIDE OBSERVATION AND TESTING SERVICES DURING THE GRADING AND FOUNDATION PHASE OF CONSTRUCTION. INSPECTION AND TESTING REPORTS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER.
- FOOTINGS SHALL HAVE A MIN. DEPTH OF 24" BELOW GRADE.
- PROVIDE 6" OF #57 STONE UNDER ALL SLAB-ON-GRADE CONDITIONS. COMPACT STONE TO 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY PER ASTM D1557.

GENERAL PROVISIONS

- A. THE GENERAL PROVISIONS OUTLINED HEREIN SHALL BE COORDINATED WITH THE CONTRACT SPECIFICATIONS AND SHALL BE STRICTLY OBSERVED DURING CONSTRUCTION AS WELL AS PREPARING SHOP DRAWINGS.
- B. THESE DRAWINGS HAVE BEEN PREPARED TO DETAIL STRUCTURAL REQUIREMENTS ONLY. REFER TO OTHER CONTRACT DOCUMENTS AND VENDOR INFORMATION FOR REQUIREMENTS AND DETAILS OF OTHER TRADES.
- C. PROVIDE POSITIVE DRAINAGE SLOPES (1/8" PER FT.) ON ALL FLOOR, ACCESS AND WALK SLABS, ETC. SLAB THICKNESSES SHOWN IN THESE DRAWINGS ARE MINIMUM REQUIRED.
- D. ALL STRUCTURAL DRAWINGS MUST BE COORDINATED WITH ALL OTHER DISCIPLINE DRAWINGS.

CAST-IN-PLACE CONCRETE

- A. REFERENCE STANDARD: ACI 301. COLD WEATHER PLACEMENT: ACI 306-1. HOT WEATHER PLACEMENT: ACI 305R. CONTRACTOR TO MAINTAIN COPIES OF THESE SPECIFICATIONS AT JOB SITE.
- B. MIX DESIGN SHALL BE DOCUMENTED IN ACCORD WITH SECTION 03300 OF THE PROJECT SPECS AND ACI 301, CHAPTER 3 "PROPORTIONING". MIX DESIGNS WHICH ARE SUBMITTED WITHOUT THE REQUIRED DOCUMENTATION WILL BE REJECTED. FIELD SLUMPS RECORDED AT JOB SITE SHALL NOT EXCEED THE SLUMP ESTABLISHED FOR THE MIX DESIGN.
- C. MATERIALS
- 28 DAY COMPRESSIVE STRENGTHS:

FOUNDATIONS, WALLS, PIERS	4,000 PSI NORMAL WEIGHT
SLAB ON GRADE	4,000 PSI NORMAL WEIGHT
ALL OTHER CONCRETE	4,000 PSI NORMAL WEIGHT

 - ALL CONCRETE EXPOSED TO THE ELEMENTS SHALL BE AIR-ENTRAINED IN ACCORDANCE WITH ASTM C260, SEE SPECS.
 - ALL CONCRETE AGGREGATE SHALL COMPLY WITH ASTM C33 (NORMAL WEIGHT)

D. FORMWORK

- SEE SPECS.
- PROVIDE SHEAR KEYS IN THE TOPS OF WALL FOOTINGS SUPPORTING CONCRETE WALLS AND IN THE TOPS OF COLUMN FOOTINGS AT CONCRETE WALLS. KEYS INDICATED ARE TO BE 2x4 NOMINAL CONTINUOUS, U.N.O.
- CAMBER: PROVIDE CAMBER TO COMPENSATE FOR DISPLACEMENT OF FORMS (SEE ALSO SPECS) AND TO PROVIDE AS-CAST MEMBER CAMBER AS NOTED ON PLANS.
- RUSTICATION STRIPS, CHAMFERS, DRIPS, MISC. EMBEDS, ETC. SEE PLANS AND/OR ARCHITECTURAL DRAWINGS.
- PROVIDE 3/4" CHAMFER AT ALL EXPOSED CORNERS OF BEAMS, WALLS ETC, UNLESS OTHERWISE NOTED.
- OPENINGS FOR MEP TRADES ARE TO BE INCLUDED IN THE BID. ALL HOLES FOR OTHER TRADES WHICH MUST BE CUT OR FORMED AND WHICH ARE NOT SHOWN ON THE STRUCTURAL DESIGN(S) DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER DESIGNER FOR REVIEW AND APPROVAL. ANY STRENGTHENING OR ADDITIONAL REINFORCEMENT REQUIRED SHALL BE FURNISHED BY THE CONTRACTOR WITHOUT ADDITIONAL COST TO THE OWNER.

E. REINFORCEMENT:

- REINFORCING BARS: ASTM A615, GRADE 60
- FABRICATION: ACI 315 "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" AND/OR CRSI "REINFORCING BAR DETAILING" (MANUAL OF STANDARD PRACTICE).
- WELDED SMOOTH WIRE FABRIC — ASTM A185 (SHEETS ONLY, ROLL FABRIC NOT ALLOWED)
- ACCESSORIES: PROVIDE PROTECTED BAR SUPPORTS CLASS 1, MAXIMUM PROTECTION (CRSI MANUAL OF STANDARD PRACTICE) FOR ALL SLABS AND BEAMS WITH SOFFITS EXPOSED TO VIEW
- CORNER BARS: PROVIDE CORNER BARS SAME SIZE AND SPACING AS HORIZONTAL REINFORCEMENT AT INTERSECTIONS OF ALL WALLS, FOUNDATIONS AND GRADE
- ALL REINFORCING SHALL BE HELD SECURELY IN POSITION WITH STANDARD ACCESSORIES IN CONFORMANCE WITH CRSI MANUAL OF STANDARD PRACTICE AND ACI 315 DURING THE PLACING OF CONCRETE.
- MINIMUM COVER FOR REINFORCING:

FOOTINGS	3.0"
COLUMNS	2.0"
WALLS	2.0"
EXPOSED SLABS (BOTTOM STEEL)	2.0"
EXPOSED SLABS (TOP STEEL)	2.0"
BEAMS	2.0"
SLAB ON GRADE	MID-DEPTH

- F. EMBEDDED PIPES OR CONDUIT. MAXIMUM DIAMETER ONE THIRD x SLAB OR WALL THICKNESS, SPACED MINIMUM OF 3 TIMES DIAMETER ON CENTER.
- G. CHEMICAL ADHESIVE ANCHOR SYSTEM:

- CHEMICAL ANCHORS SHALL CONSIST OF AN EQUAL TWO-COMPONENT STRUCTURAL GRADE EPOXY INJECTION MATERIAL CONFORMING TO ASTM C881.
- APPROVED SYSTEMS INCLUDE HILTI HIT HY150, SIMPSON SET HIGH STRENGTH EPOXY AND REDHEAD EPOXON C6 OR ENGINEER APPROVED SUBSTITUTION.
- ANCHOR RODS SHALL BE STAINLESS STEEL, FURNISHED WITH CHAMFERED ENDS, AND SHALL MEET STRENGTH AND DUCTILITY REQUIREMENTS EQUIVALENT ASTM A36 MATERIAL.
- INSTALLATION SHALL BE IN CONFORMANCE WITH MANUFACTURER'S PRINTED LITERATURE, AND AS INDICATED ON THE STRUCTURAL DRAWINGS.
- COORDINATE ANCHOR LOCATIONS WITH MASONRY FILL CELLS WHEN REQUIRED.

H. EXPANSION BOLTS:

- APPROVED SYSTEMS INCLUDE HILTI KWIK BOLT 3, SIMPSON STRONG BOLT AND REDHEAD TRIBOLT OR ENGINEER APPROVED SUBSTITUTION.

- I. GROUT. HIGH STRENGTH, NON-SHRINK STRUCTURAL GROUT. SEE SPECS.

- J. CONCRETE FINISHES. SEE SPECS.

- K. CURING AND PROTECTION: SEE SPECS.

- L. SHOP DRAWINGS: SUBMIT REBAR SHOP DRAWINGS. SEE SPECS.

- M. FORMWORK. SEE SPECS.

CONCRETE MASONRY

- A. MATERIALS: MASONRY WALLS SHALL CONSIST OF ASTM C-90, GRADE N-1, HOLLOW CONCRETE MASONRY UNITS WITH A MINIMUM COMPRESSIVE STRENGTH f'm = 1,500 PSF.
- B. MORTAR SHALL COMPLY WITH ASTM C-270, AND SHALL BE TYPE S (1800 PSI).
- C. CORE FILL GROUT SHALL COMPLY WITH ASTM C-476, WITH A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.
- D. MASONRY SHALL BE LAD IN A RUNNING BOND PATTERN UNLESS OTHERWISE NOTED. NO CONTINUOUS VERTICAL JOINTS ARE PERMITTED AT WALL CORNERS, INTERSECTIONS, AND OPENING EDGES. SAW TOOTH BLOCK EACH ALTERNATE COURSE AT THESE LOCATIONS TO ACHIEVE MONOLITHIC CONSTRUCTION.
- E. VERTICAL REINFORCEMENT: LOCATION, SIZE AND SPACING SHALL BE AS INDICATED ON THE STRUCTURAL DRAWINGS. WALLS SHALL BE REINFORCED FULL HEIGHT IN GROUT FILLED CELLS AT ALL WALL CORNERS, INTERSECTIONS, ENDS, AND ADJACENT TO OPENINGS WITH REINFORCING SIZE TO MATCH SCHEDULE.
- F. PROVIDE REINFORCING STEEL DOWELS INTO STRUCTURE ABOVE AND BELOW WITH SIZE AND SPACING TO MATCH VERTICAL REINFORCEMENT, UNLESS OTHERWISE NOTED.
- G. DOWELS TO THE FOUNDATIONS WITH SIZE AND SPACING TO MATCH VERTICAL REINFORCING. MINIMUM LAP SPLICE LENGTH SHALL BE FORTY-EIGHT (48) BAR DIAMETERS.
- H. HORIZONTAL JOINT REINFORCEMENT: SHALL BE 9 GAGE GALVANIZED DUR-O-WAL LADUR TYPE OR ENGINEER APPROVED SUBSTITUTE, LOCATED AT SIXTEEN (16) INCHES VERTICALLY.
- I. PROVIDE HORIZONTAL JOINT REINFORCING IN PARAPETS AND FREE STANDING WALLS AT EIGHT (8) INCHES VERTICALLY.
- J. CONTROL JOINTS: SHALL BE PROVIDED AS SPECIFIED BY THE ARCHITECT. TERMINATE EACH SIDE OF CONTROL JOINTS. SEE ARCHITECTURAL DRAWINGS FOR SEALANT REQUIREMENTS AT CONTROL JOINTS.
- K. GROUTING: CONTRACTOR SHALL SUBMIT PROPOSED GROUT MIX DESIGN FOR ENGINEER REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. GROUT SLUMP SHALL BE BETWEEN 8 AND 11 INCHES. USE OF SUPERPLASTICIZER IS PROHIBITED. CELLS WHICH ARE TO RECEIVE GROUT SHALL BE VERTICALLY ALIGNED WITH A CLEAR, UNOBSTRUCTED AND CONTINUOUS VERTICAL SPACE. CELLS SHALL BE FILLED COMPLETELY AND VIBRATION CONSOLIDATED. GROUTING OPERATIONS SHALL BE CONTINUOUS AND SHALL NOT BE STOPPED FOR A PERIOD EXCEEDING ONE HOUR. GROUTING SHALL BE A CONTINUOUS OPERATION IN LIFTS NOT EXCEEDING 4 FEET AND MAXIMUM POUR HEIGHT OF 12 FEET.
- L. CLEANOUT OPENINGS SHALL BE PROVIDED AT BOTTOM OF CELLS TO BE GROUTED. OVERHANGING MORTAR, DEBRIS AND OTHER OBSTRUCTIONS SHALL BE REMOVED FROM INSIDE CELLS. SEAL CLEANOUT HOLES AFTER INSPECTION AND BEFORE GROUTING. MINIMUM INSIDE FILL CELL DIMENSION SHALL BE 3"x3".
- M. PROVIDE REBAR SHOP DRAWING SHOWING ALL VERTICAL AND HORIZONTAL REINFORCING. PROVIDE PLAN LAYOUT WITH VERTICAL CONTROL JOINT LOCATIONS.

STRUCTURAL STEEL

- A. DESIGN, FABRICATION, AND ERECTION. AISC SPEC., FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS.
- B. GRADE STEEL:

MISC METALS (STAINLESS STEEL)	ASTM A564
WIDE FLANGES	ASTM A992, GRADE 50
CHANNELS ANGLES AND PLATES	ASTM A36
SHEAR CONNECTION PLATES	ASTM A572, GRADE 50
STRUCTURAL PIPE	ASTM A53, GRADE B, Fy=35 KSI
ROUND HSS:	ASTM A500, GRADE B, Fy=42 KSI
SQUARE OR RECTANGLE HSS:	ASTM A500, GRADE B, Fy=46 KSI
WELDED STUDS	ASTM A108, GRADE 60
ANCHOR RODS	ASTM F1554, GRADE 36 (WELDABLE)
STRUCTURAL BOLTS	ASTM A325-N

C. CONNECTIONS:

- AISC MANUAL STANDARD CONNECTIONS UNLESS NOTED. HIGH-STRENGTH BOLTS:

ASTM A325-N, ¾" UNLESS NOTED OTHERWISE. BEARING TYPE INSTALLED IN CONFORMANCE WITH "SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS", RESEARCH COUNCIL ON RIVETED AND BOLTED STRUCTURAL JOINTS. UNLESS NOTED OTHERWISE, STANDARD AISC "USUAL GAGE" DIMENSIONS SHALL BE USED FOR LOCATING HOLES FOR BOLTS, EXPANSION ANCHORS, ETC. IN ALL ANGLES, BEAM FLANGES, ETC. WELDS: AWS D1.1, OR E70XX.
- STRUCTURAL STEEL CONNECTIONS SHALL BE DESIGNED BY THE FABRICATOR OR AS INDICATED ON THE CONSTRUCTION DOCUMENTS. SEALED CALCULATIONS SHALL BE PROVIDED BY A REGISTERED ENGINEER IN THE STATE OF FLORIDA.
- THE ASSEMBLY SURFACE, INCLUDING THOSE ADJACENT TO THE WASHER, SHALL BE FREE OF MILL SCALE, OIL, PAINT OR OTHER COATINGS.
- ALL HIGH STRENGTH BOLTS SHALL BE TIGHTENED TO A BOLT TENSION NOT LESS THAN THAT SPECIFICATION IN THE AISC MANUAL. FULL TENSIONING SHALL BE BY THE TURN OF NUT METHOD, BY A DIRECT TENSION INDICATOR, OR BY PROPERLY CALIBRATED WRENCHES. PROVIDE HARDENED WASHERS UNDER THE NUT OR BOLT HEAD, WHICHEVER IS THE ELEMENT TURNED IN TIGHTENING.
- WELDING — PERFORM ALL WELDING IN ACCORDANCE WITH 2000 AWS D1.1 CODE. WELDS SHALL BE MADE ONLY BY OPERATORS CERTIFIED BY AWS IN PERFORMING THE TYPE OF WORK INDICATED.

- D. TOLERANCES. AISC CODE OF STANDARD PRACTICE (LATEST EDITION).
- E. CAMBER. PROVIDE POSITIVE CAMBER AS NOTED ON PLANS. WHERE NO CAMBER IS NOTED, RESIDUAL MILL CAMBER IS TO BE UPWARDS.

- F. SHOP DRAWINGS.
- SUBMIT ERECTION AND FABRICATION SHOP DRAWINGS. SEE SPECS.
 - SUBMIT ERECTION PROCEDURES AND TEMPORARY BRACING PLAN FOR A/E REVIEW.
 - SUBMIT CALCULATIONS AS REQUIRED.
- G. ALL EXPOSED ANGLE AND PLATE LINTELS FOR BLOCK SUPPORT SHALL BE HOT DIPPED GALVANIZED.
- H. WHERE BOLT ANCHORAGES INTO CONCRETE MASONRY WALLS IS SPECIFIED ON DRAWINGS, ANCHORAGES SHALL BE IN GROUTED CELLS TYPICALLY COORDINATION WITH MASONRY SUBCONTRACTOR IS REQUIRED.
- I. PAINTING — AFTER MATERIAL HAS BEEN PROPERLY CLEANED AND TREATED, APPLY SHOP PRIME COAT TO ALL SURFACES, EXCEPT THOSE INTENDED FOR EMBEDMENT INTO CONCRETE OR TO RECEIVE FIELD WELDING, SLIP CRITICAL BOLTS, OR CEMENTITIOUS FIREPROOFING.

STRUCTURAL ALUMINUM

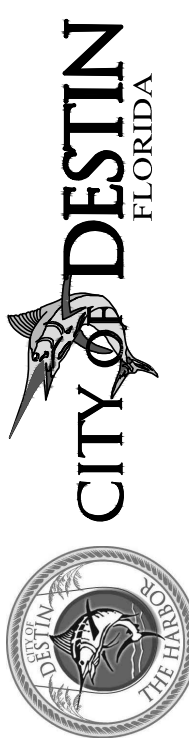
- A. COMPLY WITH THE FOLLOWING: ADM2005 "ALUMINUM DESIGN MANUAL"
- B. ALL PLATES AND ROLLED SHAPES ARE 6061-T6 ALUMINUM.
- C. PROVIDE MIN. (2) 3/4" DIA. STAINLESS STEEL BOLTS, WASHERS, AND NUTS FOR ALL CONNECTIONS, UNO.
- D. ALL WELDING SHALL CONFORM TO AWS D1.2 "STRUCTURAL WELDING CODE — ALUMINUM". SHOP DRAWINGS SHALL SHOW ALL SHOP AND ERECTION DETAILS INCLUDING CUTS, COPE CONNECTIONS, HOLES, THREADED FASTENERS, RIVETS, AND WELDS. GRIND ALL WELDS FOR SMOOTH TRANSITIONS.
- E. THE APPROVAL OF SHOP DRAWINGS WILL BE FOR SIZE AND ARRANGEMENT OF PRINCIPAL AND AUXILIARY MEMBERS AND STRENGTH OF CONNECTIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DIMENSIONS SHOWN ON THE SHOP DRAWINGS. PROVIDE CALCULATIONS FOR ALL GUARDRAIL, SIGNED AND SEALED BY A FLORIDA PROFESSIONAL ENGINEER.
- F. LAYOUT AND DESIGN FOR THE GUARDRAIL, HANDRAIL AND THEIR COMPONENTS SHALL ADHERE TO THE 2007 FBC.
- G. BURNING OF HOLES IN ALUMINUM IS NOT PERMITTED WITHOUT PRIOR APPROVAL OF THE ENGINEER.
- H. COAT SURFACES OF ALUMINUM THAT WILL COME IN CONTACT WITH GROUT, CONCRETE, MASONRY, WOOD, OR DIS-SIMILAR METALS WITH THE FOLLOWING:
- CAST ALUMINUM — HEAVY COAT OF BITUMINOUS PAINT.
 - EXTRUDED ALUMINUM — TWO COATS OF CLEAR LACQUER.

DEVELOPMENT / LAP SPLICE SCHEDULE

DEVELOPMENT / LAP SPLICE LENGTH IN CONCRETE (f'c = 4000 PSI)				
BAR SIZE	DEVELOPMENT LENGTH (IN)		LAP SPLICE LENGTH (IN)	
	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
3	14	12	18	16
4	19	15	24	19
5	23	18	30	23
6	28	22	36	28
7	33	25	42	33
8	37	29	48	37

DEVELOPMENT / LAP SPLICE LENGTH IN MASONRY		
BAR SIZE	DEVELOPMENT LENGTH (IN)	LAP SPLICE LENGTH (IN)
3	14	18
4	18	24
5	23	30
6	27	36
7	32	42
8	36	48

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TETRA TECH
201 E. Pine St #1000
Orlando, Florida 32801
Engineering Business No. 2429

BY

DESCRIPTION

MARK

DATE

Client: City of Destin, FL

Proj. Loc.: Destin, FL

CAPTAIN ROYAL MELVIN - HERITAGE PARK

STRUCTURAL NOTES

Project No.: 200-08535-14002

Designed By: TV

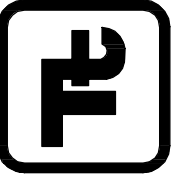
Drawn By: JW

Checked By: MB

S100

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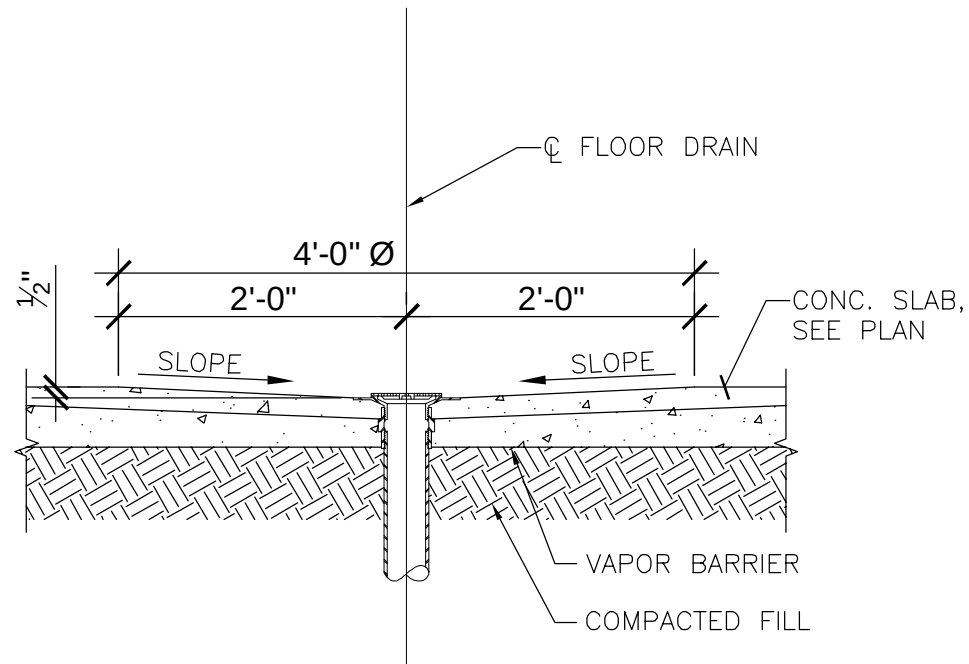
TETRA TECH
201 E. Pine St #1000
Orlando, Florida 32801
Engineering Business No. 2429

Proj. Loc.: Destin, FL

Project No.:	200-08535-14002
Designed By:	TV
Drawn By:	JW
Checked By:	MB

S101

Friday, June 30, 2017 3:30:59 PM DRAWING: \\TTS181FS1\Projects\Destin\2014\200-08535-14002 Heritage Park & Plaza Design\CAD\Sheet\Fless-100 Structural.DWG LAYOUT: S103 USER NAME: LOPEZ, HERNAN

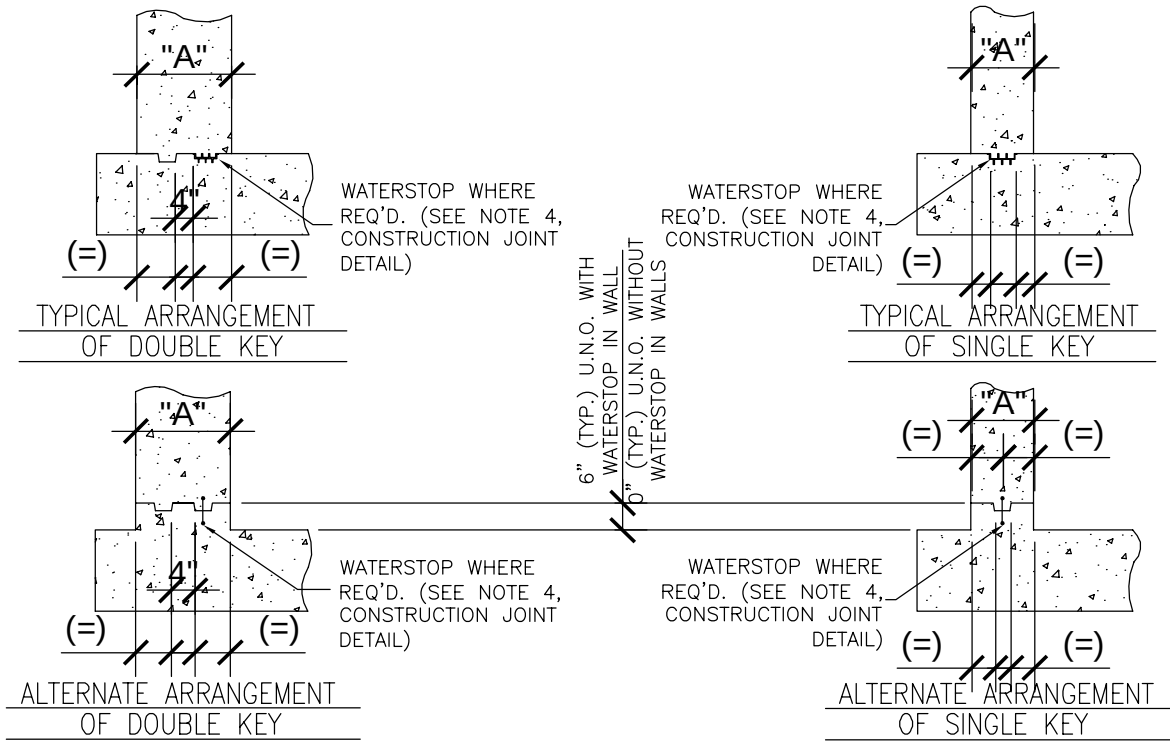


NOTE: SET DRAIN ELEVATION TO RECEIVE FLOOR FINISH. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF FLOOR DRAINS.

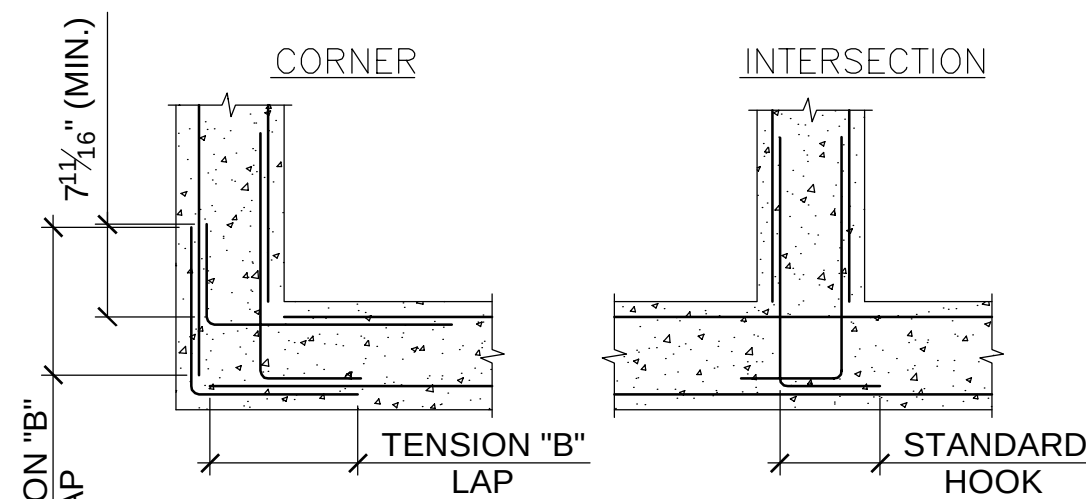
1 FLOOR DRAIN DETAIL
S104 3/4"=1'-0"
REF.: TYP.

TYPICAL KEY DIMENSIONS				
(TYP.)				
AT CONTRACTOR'S OPTION ON CONSTRUCTION JOINTS ONLY				
0" AT ALL EXPANSION AND CONTROL CONTRACTION JOINTS				
"A"	KEY	"B"	"C"	"D"
THICKNESS OF WALL OR SLAB	QTY.	CONSTRUCTION JOINTS	EXPANSION JOINTS	
UP TO 8"	1	1/2"	2 1/2"	2 1/2"
9" TO 12"	1	1/2"	2 1/2"	3 1/2"
13" TO 18"	1	1/2"	2 1/2"	5 1/2"
19" TO 24"	2	1/2"	2 1/2"	3 1/2"

NOTE: NUMBER AND SIZE OF KEYS SHOWN APPLY TO JOINTS IN SLABS AND TO BOTH VERT. AND HORIZ. JOINTS IN WALLS.

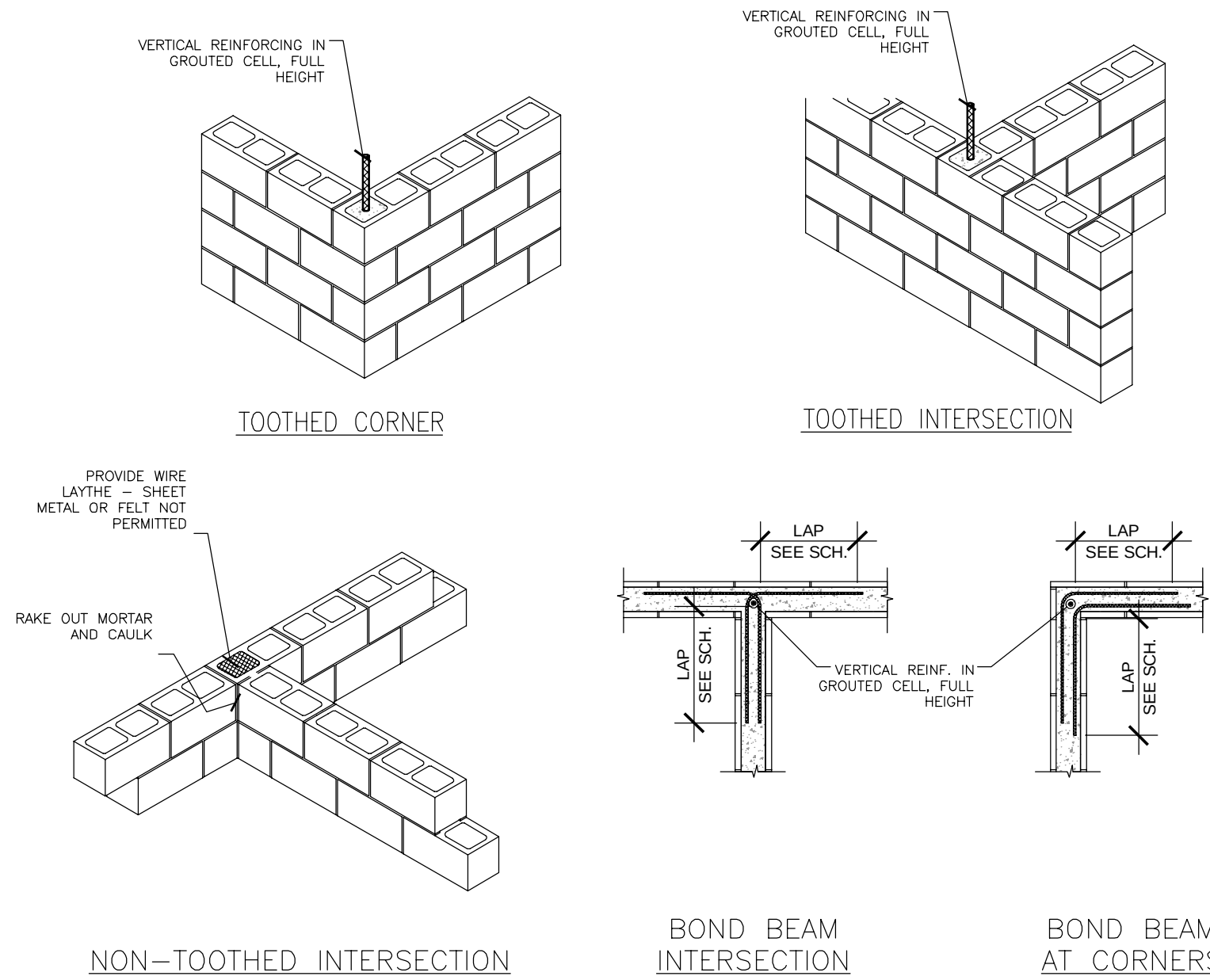


2 TYPICAL JOINT/WATERSTOP KEY DETAILS
S104 N.T.S.

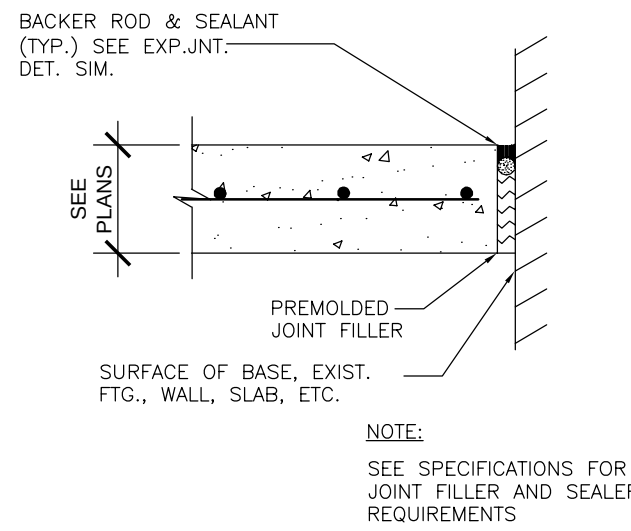


NOTE: CORNER BARS TO BE SAME SIZE AND SPACING AS HORIZONTAL REINFORCEMENT. HORIZONTAL REINFORCEMENT MAY BE FABRICATED WITH EQUIVALENT BENT ENDS IN LIEU OF CORNER BARS AS SHOWN. PROVIDE CLASS "B" TENSION LAP SPLICE ON ALL MAIN REINFORCEMENT (TYP.).

3 TYPICAL CORNER REINFORCEMENT DETAIL
S104 N.T.S.
REF.: TYP.

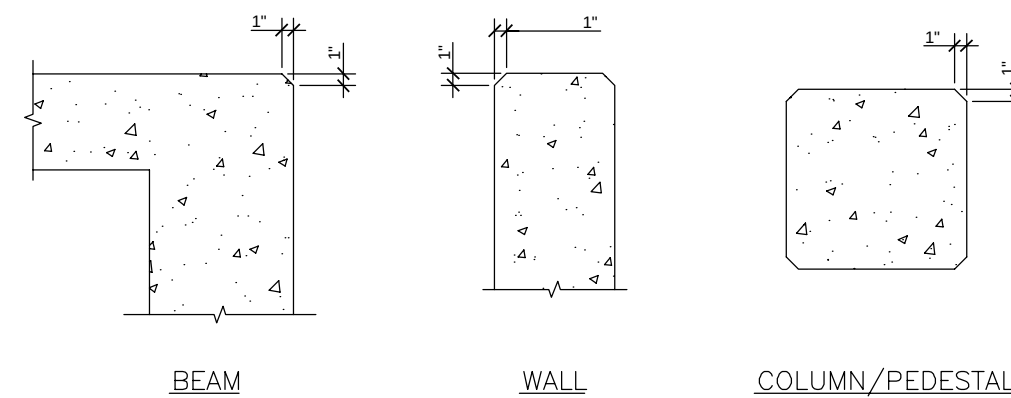


4 TYPICAL MASONRY INTERSECTIONS
S104 3/4"=1'-0"
REF.: TYP.



NOTE: SEE SPECIFICATIONS FOR JOINT FILLER AND SEALER REQUIREMENTS

5 SLAB TO WALL ISOLATION JOINT
S104 N.T.S.
REF.: TYP.



6 TYPICAL CONCRETE CHAMFER
S104 3/4"=1'-0"
REF.: TYP.

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Orlando, Florida 32801
Engineering Business No. 2429

DATE Jun 30, 2017

MARK	DATE	DESCRIPTION	BY

Client: City of Destin, FL
Proj. Loc.: Destin, FL

CAPTAIN ROYAL MELVIN - HERITAGE PARK

STRUCTURAL DETAILS

Project No.: 200-08535-14002
Designed By: TV
Drawn By: JW
Checked By: MB

S103

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BACKGROUND PLAN AND ONE LINE SYMBOLS

SYMBOL	DESCRIPTION
	CONTROL SWITCH (SEL. OR P.B.) SEE CIRCUITS FOR SPECIFIC TYPE
	SEE CIRCUITS FOR SPECIFIC TYPE FLOAT SWITCH - FLOW SWITCH
	TEMPERATURE - HUMIDISTAT SWITCH (SUBSCRIPT = NO. OF STAGES)
	LIMIT - PRESSURE - VACUUM SWITCH
	ELECTRICAL OR MECHANICAL ALTERNATOR (SEE WIRING)
	OVERLOAD SWITCH OR DEVICE
	TERMINAL BOX
	SOLENOID VALVE
	PHOTOCELL LINE VOLTAGE
	ITEM NO. INTERCOM EQUIPMENT
	INTERCOMMUNICATION SYSTEM AMPLIFIER - WALL STATION - LINE BALANCE
	INTERCOMMUNICATION DESK SET
	INTERCOM. SPEAKER (SURFACE MTD.)
	INTERCOM. SPEAKER (CEILING LAY-IN)
	TELEPHONE OUTLET OR JUNCTION BOX
	WELDING RECEPTACLE - NEMA L9-50R 600V, 2P, 3W, SIMPLEX
	INTERCOM HANDSET - SURFACE MOUNTED WITH REMOTE SPEAKER AMPLIFIER
	INTERCOM VOLUME CONTROL
	INTERCOM SPEAKER - SURFACE MOUNTED
	INTERCOM HANDSET - FLUSH MOUNTED WITH REMOTE SPEAKER AMPLIFIER
	AS NOTED (LIGHTING PANEL, CONTROL PANEL, DISTRIBUTION PANEL ETC.) WALL MOUNTED
	JUNCTION BOX
	HEATER
	TRANSFORMER
	CONDUIT WITH CONDUIT SEAL FITTING
	CONDUIT EXPOSED
	CONDUIT CONCEALED
	DIRECT BURIED CONDUIT
	DIRECT BURIED CABLE
	OVERHEAD LINE
	UNDERGROUND DUCT BANK
	CONCRETE ENCASED DUCT BANK, WITH CABLE LOCATIONS AND SPARE DUCTS AS INDICATED ON DRAWINGS
	CABLE REEL

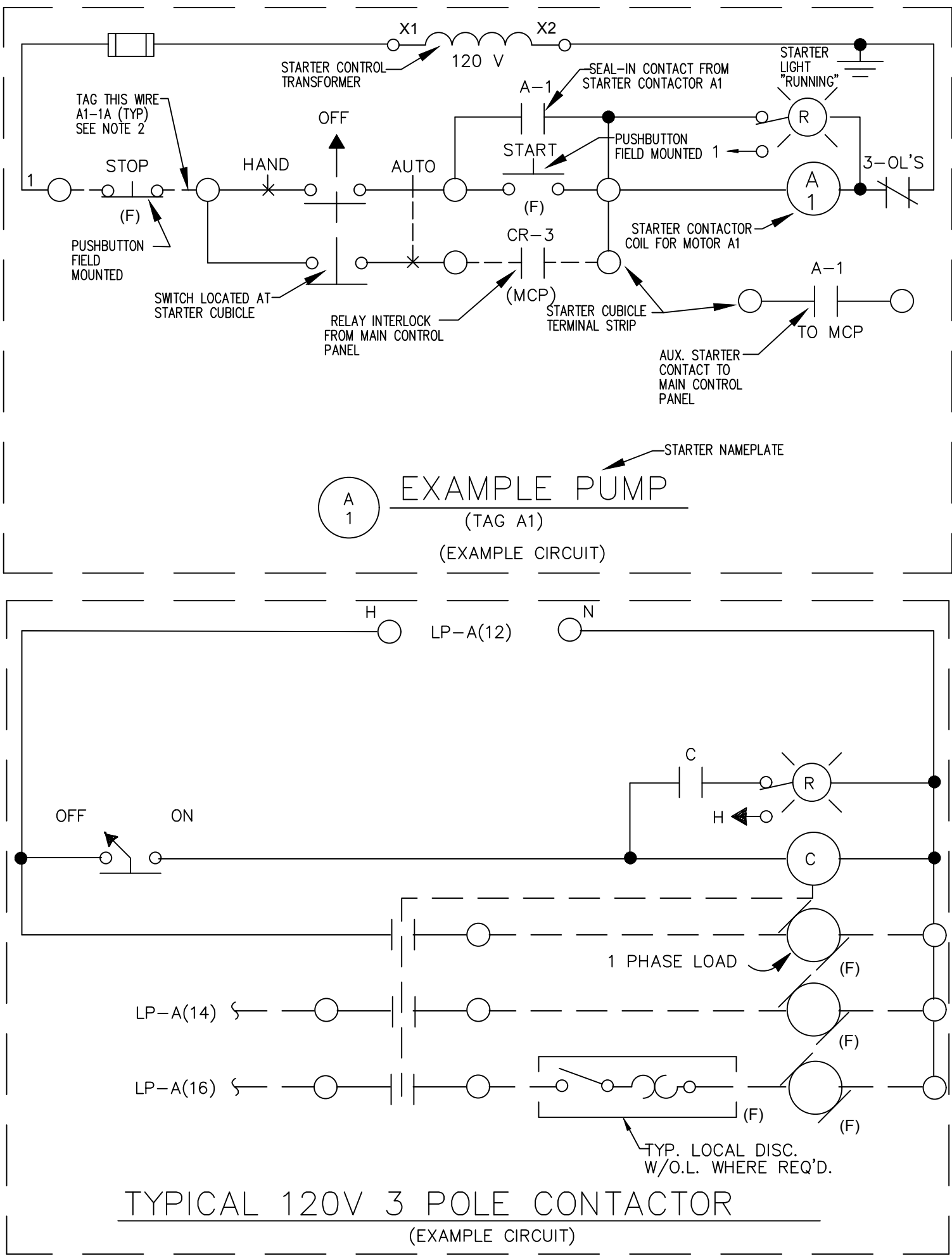
SYMBOL	DESCRIPTION
	LOW VOLTAGE DISCONNECT SWITCH
	LOW VOLTAGE FUSE (BELOW 600V)
	ALL STARTERS SHALL BE FULL VOLTAGE NON-REVERSING UNLESS OTHERWISE INDICATED (FVR) FULL VOLTAGE REVERSING (RV) REDUCED VOLTAGE (2S,2W) TWO SPEED, TWO WINDING
	600V, 3 POLE MOLDED CASE CIRCUIT BREAKER, FRAME & RATING AS SHOWN
	SINGLE PHASE, FRACTIONAL HP MOTOR TO LOCATION INDICATED (SEE GEN. NOTE 4)
	THREE PHASE LOAD WITH IDENTIFICATION
	HIGH VOLTAGE FUSE (ABOVE 600 V)
	TAG NO. (BALLOON) FOR DEVICE INDICATED
	FOR POWER (SEE GEN. NOTE 4) 3/4" C(2-#18 SHLD.) CONDUIT AND WIRE RUN FROM DEVICE INDICATED TO LOCATION INDICATED
	CAPACITOR, 3 PHASE, SIZE AS INDICATED
	DISCONNECT SWITCH (F) = FUSED (C) = CIRCUIT BREAKER
	MAGNETIC STARTER (BACKGROUND DRAWINGS ONLY)
	COMBINATION MAGNETIC STARTER FUSED UNLESS NOTED (CIRCUIT BREAKER)
	COMBINATION LIGHTING CONTACTOR WITH HAND-OFF-AUTO SWITCH
	MANUAL STARTER (R) = REVERSING
	CONTROL PANEL
	TEMPERATURE CONTROL PANEL
	UNIT HEATER, 1/8 HORSEPOWER
	600 VOLT FEEDER BUS DUCT (AMPERAGE AS INDICATED)
	LIGHTNING ARRESTOR
	LOW VOLTAGE HOME RUNS 120/208 V 120/240 V (SEE GEN. NOTE 4)
	WATERTIGHT
	WATERTIGHT AND CORROSION PROOF
	EXPLOSION PROOF - CLASS I, DIVISION I, GROUP D
	EXPLOSION PROOF - CLASS II, DIVISION 1
	KEYLOCK
	SMOKE DETECTOR
	EXIT LIGHT
	FLUORESCENT LUMINAIRE
	INCANDESCENT LUMINAIRE
	EMERGENCY BATTERY PACK

CONTROL CIRCUIT & PILOT DEVICE LEGEND

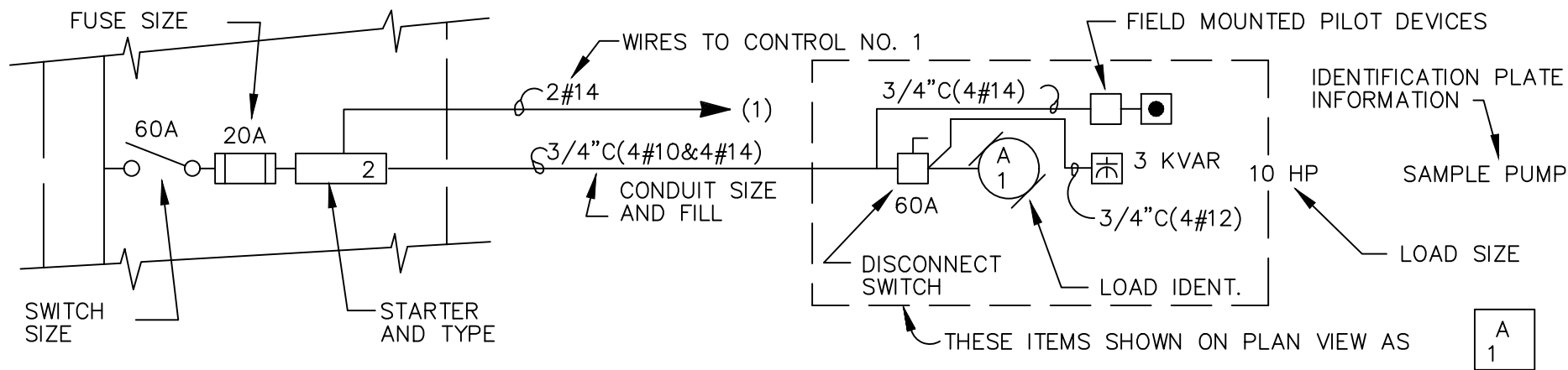
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	PRESS. ACTUATED SWITCH		SELECTOR SWITCH OPERATOR WITH FUNCTION SHOWN
	FLOAT ACTUATED SWITCH		MOMENTARY PUSHBUTTON OPERATOR-NORMALLY OPEN
	FLOW ACTUATED SWITCH		MOMENTARY PUSHBUTTON OPERATOR-NORMALLY CLOSED
	TEMP. ACTUATED SWITCH		PUSHBUTTON OPERATOR- NORMALLY HEAD
	LIMIT SWITCH- NORMALLY OPEN		FIELD LOCATED STOP BUTTON
	LIMIT SWITCH- NORMALLY CLOSED		MAINTAINED PUSH-PULL OPERATOR
	LIMIT SWITCH-NORMALLY CLOSED-HELD OPEN		MAINTAINED STOP-START PUSHBUTTON OPERATOR
	LIMIT SWITCH-NORMALLY OPEN-HELD CLOSED		SOLENOID OR CLUTCH
	LATCHING CABLE SWITCH		PUSH-TO-TEST INDICATING LIGHT
	TIME-DELAY FUSE		MAINTAINED STOP- MOMENTARY START PUSHBUTTON (JOG)
	CONTROL RELAY COIL		ZERO SPEED OR ANTI- PLUGGING SWITCH
	CONTROL RELAY CONTACT-NORMALLY OPEN		LOCAL TERMINALS WITH EXTERNAL WIRING
	CONTROL RELAY CONTACT-NORMALLY CLOSED		ELAPSED TIME INDICATOR
	TWO COIL LATCHING RELAY		TIMING RELAY INSTANTANEOUS CONTACTS
	TIMING RELAY COIL		
	TIMED CLOSED CONTACT ON ENERGIZATION		
	TIMED OPEN CONTACT ON ENERGIZATION		
	TIMED OPEN CONTACT ON DE-ENERGIZATION		
	TIMED CLOSED CONTACT ON DE-ENERGIZATION		
	120 VAC TRANSFORMER		

WIRING DEVICE SCHEDULE

SYMBOL	DESCRIPTION	NEMA TYPE
	125V, 2P, SIMPLEX, CLOCK HANGER	1-15 R
	125V, 2P, SIMPLEX, 3W	5-20 R
	125V, 2P, DUPLEX, 3W	5-20 R
	125/250V, 3P, SIMPLEX, 3W, RANGE TYPE	10-50 R
	20A, 120/277 V SWITCH	SPST
	20A, 120/277 V SWITCH	2PDT
	20A, 120/277 V SWITCH	3 WAY
	20A, 120/277 V SWITCH	4 WAY
	20A, 120/277 V DIMMER SWITCH	
	250V, 2P, SIMPLEX, 3W, 50A	6-50R
	125V, 2P, MULTI-RECEPTACLE	5-15R
	250V, 2P, SIMPLEX, 3W, 20A	6-20R
	600V, 2P, 3W, SIMPLEX WELDING	L9-50R
	208V, 3P, SIMPLEX, 4W, LOCKING	L14-20R
	277V, 2P, DUPLEX, 3W	7-15R



- NOTES:
- THE FOLLOWING COMPONENT IDENTIFICATION SHALL BE USED AS APPROPRIATE:
(F) FIELD MOUNTED NOT AT STARTER OR OTHER CONTROL PANELS.
(S) STARTER PANEL MOUNTED.
(TCP) AT TEMPERATURE CONTROL PANEL.
(MCP) AT MAIN CONTROL PANEL.
(1) AT CONTROL PANEL NO. 1.
(2) AT CONTROL PANEL NO. 2.
 - WIRE NUMBERS (1,3 & 5) ETC. SHALL BE PREFIXED WITH STARTER TAG NUMBERS. THE WIRE NUMBER AFTER THE PREFIX, MAY BE THE MANUFACTURERS WIRE NUMBERING SYSTEM. WIRE MARKERS MAY BE USED AT EACH WIRE TERMINATION POINT.



M.C.C. LEGEND EXAMPLE

GENERAL NOTES:

- ELECTRICAL MATERIALS AND EQUIPMENT ITEMS SHOWN IN LIGHT LINE WEIGHTS ON THE DRAWINGS ARE EXISTING ITEMS TO REMAIN. ELECTRICAL MATERIALS AND EQUIPMENT ITEMS SHOWN IN HEAVY LINE WEIGHTS ARE NEW THIS CONTRACT.
- ITEMS SHOWN CROSSHATCHED ON THE DRAWINGS ARE EXISTING ITEMS TO BE REMOVED.
- FOR ITEMS INDICATED AS "FIELD LOCATE" CHECK DRAWINGS OF OTHER TRADES (IN PARTICULAR PIPING AND STRUCTURAL) FOR INTERFERENCE AND FOR LOCATIONS OF MOUNTING FLANGES, CONNECTION POINTS, ETC.
- INSTALL A SINGLE CONDUCTOR INSULATED (RHW, THHN, OR XHHW) COPPER GROUND WIRE IN EACH CONDUIT, SIZE AS SHOWN ON DRAWINGS OR AS A MINIMUM PER THE NATIONAL ELECTRICAL CODE. THIS GROUND WIRE SHALL BE CONNECTED AT EACH END TO THE EQUIPMENT GROUND.
- THE FOLLOWING COMPONENT IDENTIFICATION SHALL BE USED AS APPROPRIATE:
(F) FIELD MOUNTED, NOT AT STARTER OR OTHER CONTROL PANELS.
(S) STARTER PANEL MOUNTED.
(MCP) AT MAIN CONTROL PANEL.
(1) AT CONTROL PANEL NO. 1
(2) AT CONTROL PANEL NO. 2
(TCP) AT TEMPERATURE CONTROL PANEL.
- ALL CONDUIT AND RACEWAYS REQUIRED FOR THE CONTROL BUILDING SHALL BE INSTALLED WITHIN CMU WALLS AND IN ACCORDANCE WITH PROJECT SPECIFICATIONS.

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TETRA TECH
201 E. Pine St #1000
Orlando, Florida 32801
Engineering Business No. 2429

DATE
Jun 30, 2017

Client: City of Destin, FL
Proj. Loc.: Destin, FL
CAPTAIN ROYAL MELVIN - HERITAGE PARK

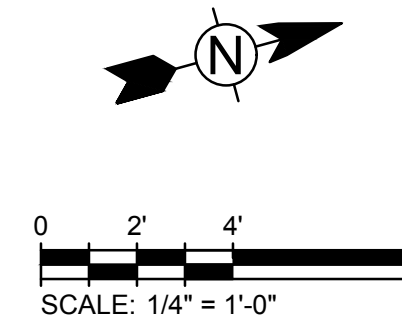
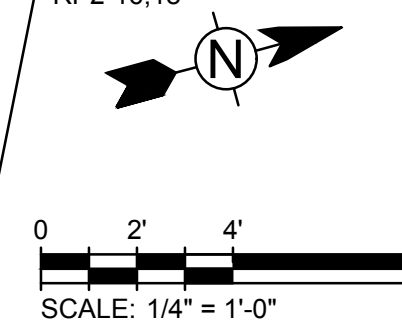
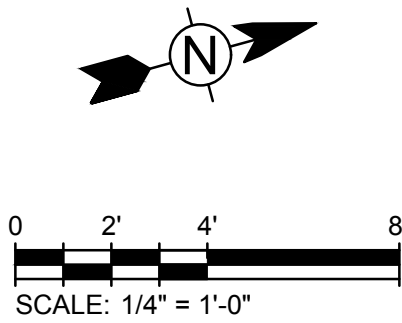
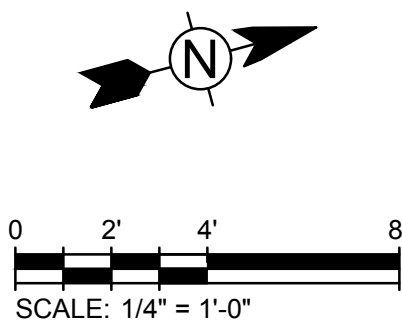
ELECTRICAL LEGEND AND NOTES

Project No.: 200-08535-14002
Designed By: TV
Drawn By: JW
Checked By: MB

E001

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Client: City of Destin, FL Proj. Loc.: Destin, FL	CAPTAIN ROYAL MELVIN - HERITAGE PARK		
ELECTRICAL SITE PLAN			
Project No.:	200-08535-14002		
Designed By:	TV		
Drawn By:	JW		
Checked By:	MB		
E-102			



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PANELBOARD RP-2											
FEED FROM		UTILITY		MOUNTING		SURFACE					
CKT. NO.	CKT. BKR. TRIP/POLE			KVA	LOAD		KVA			CKT. BKR. TRIP/POLE	CKT. NO.
1	20	2	LIGHTING	1.4	2.8	2.4	1.4	LIGHTING		20	2
3			"	1.2			1.2	"		20	2
5	20	1	RECEPTACLE	1.2	2.4		1.2	RECEPTACLE		20	1
7	20	1	RECEPTACLE	1.2			1.2	RECEPTACLE		20	1
9	20	1	RECEPTACLE	1.2	2.4		1.2	RECEPTACLE		20	1
11	20	1	RECEPTACLE	1.2			1.2	RECEPTACLE		20	1
13	20	1	RECEPTACLE	1.2	2.2		1.0	LP-1		20	1
15	20	1	SPARE	0.5			1.0	SPARE		20	1
17	20	1	SPARE	0.5	1.0		0.5	SPARE		20	1
19	20	1	SPARE	0.5			1.0	SPARE		20	1
21	20	1	SPACE		0.0			SPACE		20	1
23	20	1	SPACE				0.0	SPACE		20	1
25	20	1	SPACE		0.0			SPACE		20	1
27	20	1	SPACE				0.0	SPACE		20	1
29	20	1	SPACE		0.0			SPACE		20	1
				TOTAL	10.8	9.2	TOTAL PANELBOARD KVA :		20.0		
120/	240	VOLTAGE			100	MAIN CKT. BKR.		MINIMUM INTERRUPTING CAPCITY		65	KA/C
	83	AVG. AMPS				MAIN LUG		MAIN BREAKER		65	KA/C
	1	PHASE			FULL	GROUND		BRANCH BREAKER		65	KA/C
	3	WIRE									

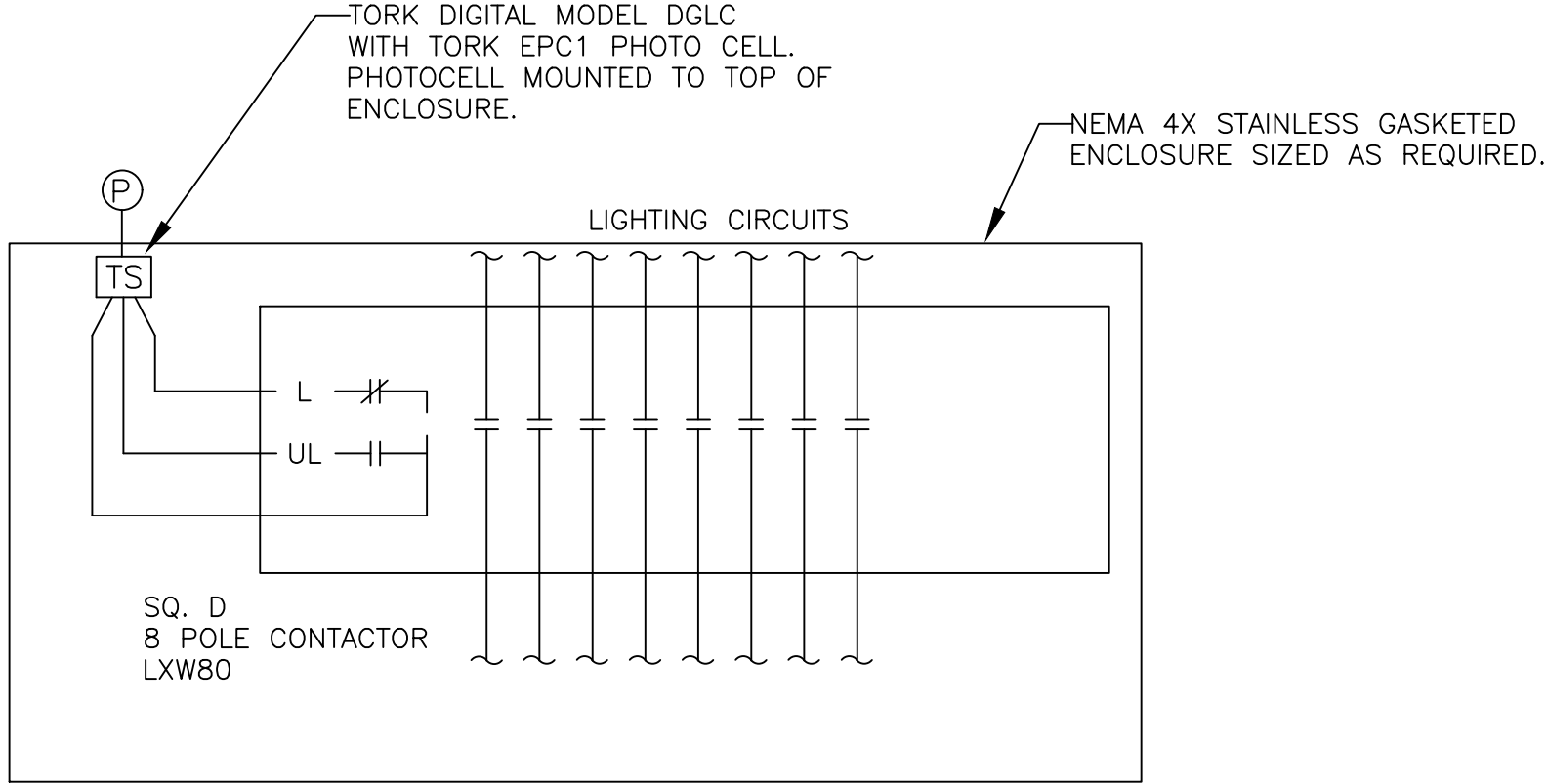
EXISTING PANELBOARD RP2 TO BE REMOVED

PANELBOARD RP-2											
FEED FROM		UTILITY		MOUNTING		SURFACE					
CKT. NO.	CKT. BKR. TRIP/POLE			KVA	LOAD		KVA			CKT. BKR. TRIP/POLE	CKT. NO.
1	20	1	MUSEUM LIGHTS/ WATER COOLER	0.3	0.5		0.2	RESTROOM LIGHTS		20	1
3	30	2	PTAC-1	0.8			1.5	PTAC-2		30	2
5			XXXX	0.8	1.5		0.8	XXXX			
7	50	2	WATER HEATER	4.5			4.7	ROOF RECEPT		20	1
9			XXXX	4.5	4.7		0.2	ROOF RECEPT		20	1
11	20	1	RESTROOM RECEPT	0.4			1.1	MUSEUM RECEPT		20	1
13	20	1	OUTDOOR RECEPT	0.2	1.4		1.2	LANDSCAPE LIGHTS		20	1
15	20	1	LANDSCAPE LIGHTS	1.2			2.4	LIFT STATION		30	1
17	20	1	EXISTING LIGHTING	0.7	1.9		1.2	XXXX			
19	20	1	XXXX	0.7			0.9	LC1 & LC2		20	1
21	20	1	EXISTING LIGHTING	0.7	1.9		1.2	EXISTING RECEPT.		20	1
23	20	1	XXXX	0.7			1.9	EXISTING RECEPT.		20	1
25	20	1	EXISTING RECEPT.	1.2	2.4		1.2	EXISTING RECEPT.		20	1
27	20	1	EXISTING RECEPT.	1.2			2.4	EXISTING RECEPT.		20	1
29	20	1	EXISTING RECEPT.	1.2	2.4		1.2	EXISTING RECEPT.		20	1
				TOTAL	16.7	14.9	TOTAL PANELBOARD KVA :		31.6		
120/	240	VOLTAGE			150	MAIN CKT. BKR.		MINIMUM INTERRUPTING CAPCITY		65	KA/C
	132	AVG. AMPS				MAIN LUG		MAIN BREAKER		65	KA/C
	1	PHASE			FULL	GROUND		BRANCH BREAKER		65	KA/C
	3	WIRE									

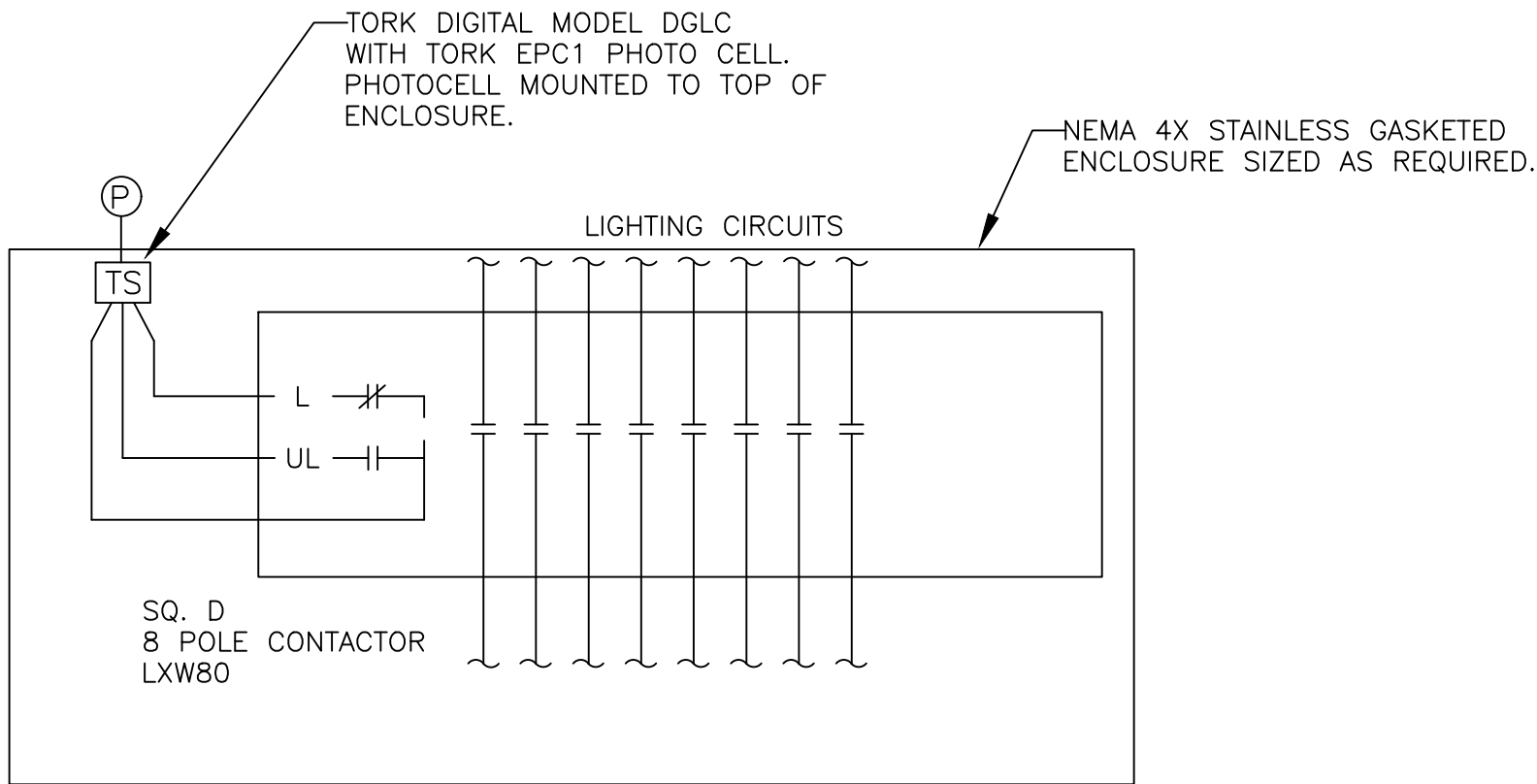
NEW PANELBOARD RP2

PANELBOARD RP-4											
FEED FROM		UTILITY		MOUNTING		SURFACE					
CKT. NO.	CKT. BKR. TRIP/POLE			KVA	LOAD		KVA			CKT. BKR. TRIP/POLE	CKT. NO.
1	20	1	LANDSCAPE LIGHTING	1.2	2.4		1.2	LANDSCAPE LIGHTING		20	1
3	30	2	LANDSCAPE LIGHTING	1.2			2.4	LANDSCAPE LIGHTING		20	1
5	20	1	EXISTING CIRCUIT	1.2	2.4		1.2	EXISTING CIRCUIT		20	1
7	20	1	EXISTING CIRCUIT	1.2			2.4	EXISTING CIRCUIT		20	1
9	20	1	SPARE	0.0	0.0		0.0	LC4		20	1
11	20	1	SPARE	0.0			0.0	SPARE		20	1
13	20	1	SPARE	0.0	0.0		0.0	SPARE		20	1
15	20	1	SPARE	0.0			0.0	SPARE		20	1
17	20	1	SPARE	0.0	0.0		0.0	SPARE		20	1
19	20	1	SPARE	0.0			0.0	SPARE		20	1
21	20	1	SPARE	0.0	0.0		0.0	SPARE		20	1
23	20	1	SPARE	0.0			0.0	SPARE		20	1
25	20	1	SPARE	0.0	0.0		0.0	SPARE		20	1
27	20	1	SPARE	0.0			16.7	PANELBOARD RP2		150	2
29	20	1	SPARE	0.0	14.9		14.9	XXXX			
				TOTAL	19.7	21.5	TOTAL PANELBOARD KVA :		41.2		
120/	240	VOLTAGE			200	MAIN CKT. BKR.		MINIMUM INTERRUPTING CAPCITY		65	KA/C
	172	AVG. AMPS				MAIN LUG		MAIN BREAKER		65	KA/C
	1	PHASE			FULL	GROUND		BRANCH BREAKER		65	KA/C
	3	WIRE									

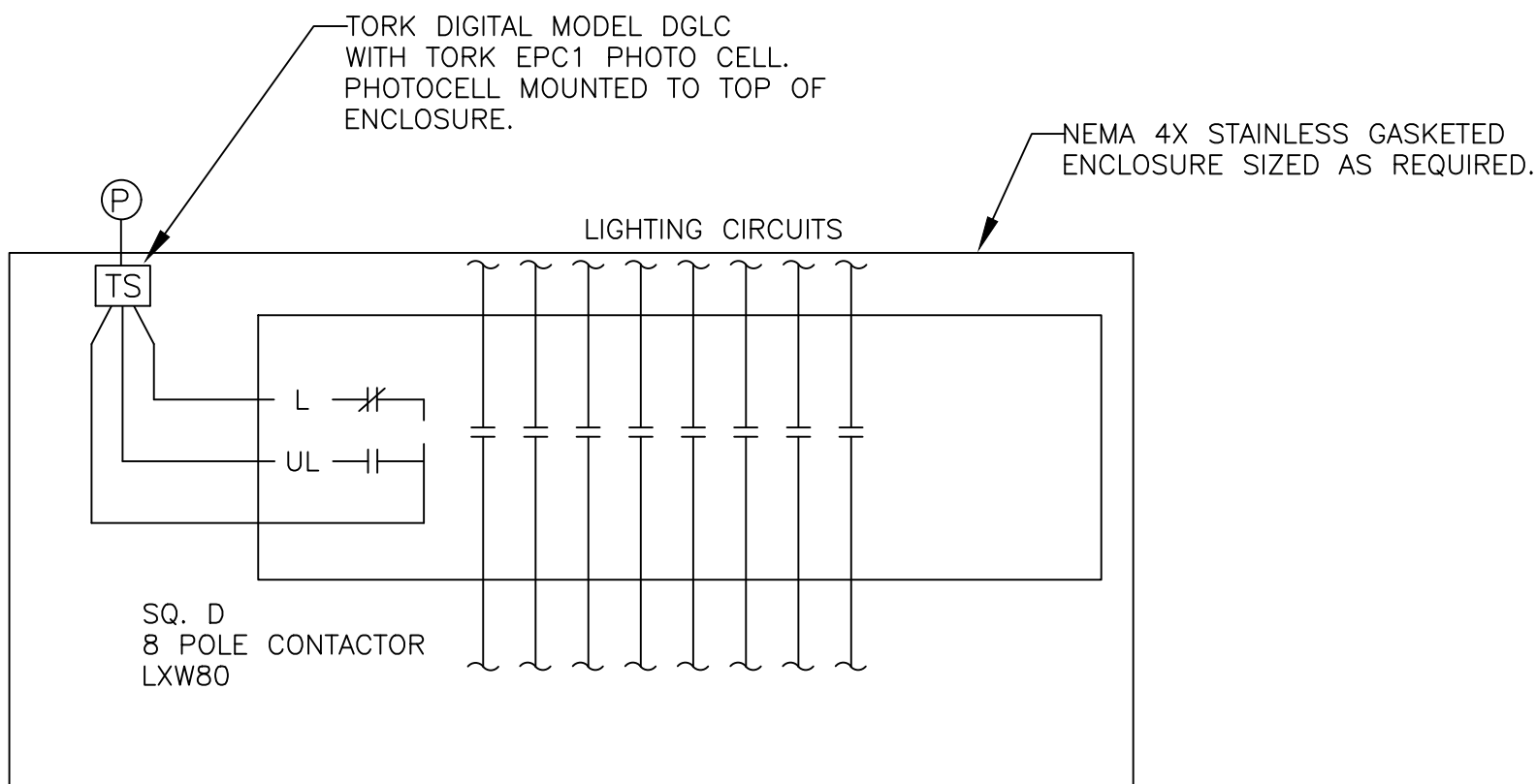
NEW PANELBOARD RP4



RELOCATED EXTERIOR LIGHTING CONTROL PANEL – LC2A

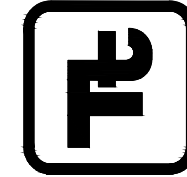


NEW EXTERIOR LIGHTING CONTROL PANEL – LC2B



NEW EXTERIOR LIGHTING CONTROL PANEL – LC4

DRAFT 90% DESIGN DRAWINGS - NOT FOR CONSTRUCTION

**TETRA TECH**
www.tetratech.com
201 East Pine Street, Suite 1000
Orlando, FL 32801
Phone: (407) 839-3955 Fax: (407) 839-3970

**CITY OF DESTIN**
FLORIDA
www.cityofdestin.com
4200 Indian Bayou Tr.
Destin, FL 32541
Phone: 850.837.4242

TETRA TECH
201 E. Pine St #1000
Orlando, Florida 32801
Engineering Business No. 2429

DATE
Jun 30, 2017

BY
MARK
DATE
DESCRIPTION

Client: City of Destin, FL
Proj. Loc.: Destin, FL
CAPTAIN ROYAL MELVIN - HERITAGE PARK
PANEL BOARD SCHEDULES
Project No.: 200-08535-14002
Designed By: TV
Drawn By: JW
Checked By: MB

E-104
Copyright: Tetra Tech

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E

D

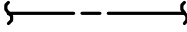
C

B

A

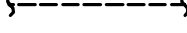
PIPING LEGEND

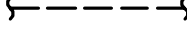
SANITARY SEWER PIPING

COLD WATER PIPING

HOT WATER PIPING

HOT WATER RECIRCULATION PIPING

VENT PIPING

STORM PIPING

VENT THROUGH ROOF

CLEAN OUT, EXPOSED

CLEAN OUT

DOUBLE YARD CLEANOUT

FREEZE PROOF HYDRANT

WATER METER

BACK FLOW PREVENTER

THERMOSTATIC MIXING VALVE

HOT WATER RECIRCULATING PUMP

TRAP PRIMER LINE

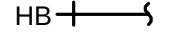
CHECK VALVE

FLOOR DRAIN

DOUBLE CHECK BACK FLOW PREVENTER

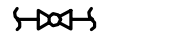
HOSE BIBB W/INTEGRAL VACUUM BREAKER

GATE VALVE

BALL VALVE OR SHUTOFF VALVE

OS&Y VALVE WITH TAMPER SWITCH

PIPING LEGEND

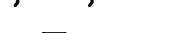
GLOBE VALVE

PRESSURE REDUCING VALVE

GAS COCK/GAS STOP

PRESSURE GAUGE

THERMOMETER

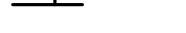
SOLENOID VALVE

STRAINER

STRAINER WITH BLOW DOWN VALVE

BALANCING VALVE

RELIEF VALVE

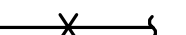
WATER HAMMER ARRESTER/SOCK ABSORBER

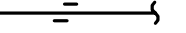
FLOW - IN DIRECTION OF ARROW

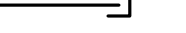
PITCH DOWN - IN DIRECTION OF ARROW

PIPE CONNECTION, BOTTOM

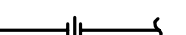
PIPE CONNECTION, TOP

PIPE ANCHOR

PIPE GUIDE

PIPE CAP

PIPE ELBOW, TURNED UP

PIPE ELBOW, TURNED DOWN

PIPE UNION

GAS METER

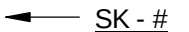
NOTES:

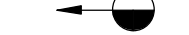
1. THIS LEGEND IS FOR REFERENCE ONLY

2. ALL SYMBOLS WHICH APPEAR WITHIN THE LEGEND MAY NOT APPLY TO THIS PROJECT.

3. REFER TO MECHANICAL LEGEND FOR PLUMBING RELATED ABBREVIATIONS.

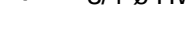
SYMBOLS AND TAGS

FIXTURE TAG

LIMIT OF DEMOLITION

CONNECT TO EXISTING

KEYNOTE

PIPE SIZE AND SYSTEM TAG

GENERAL PLUMBING NOTES

1. ALL EQUIPMENT AND PIPING SHALL BE INSTALLED IN COMPLIANCE WITH THE LATEST APPLICABLE EDITION OF THE FLORIDA PLUMBING CODE AND LOCAL UTILITIES.

2. ALL INTERIOR FLOOR DRAINS AND OPEN RECEPTACLES WITH TRAPS SHALL BE PROTECTED BY A TRAP PRIMER (SEE SPECIFICATIONS AND PLANS FOR LOCATION AND TYPE.) PROVIDE 1/2" SLOPED LINE TO FLOOR DRAIN. SEE DETAILS SHEET.

3. WATER LINES SHALL NOT BE ROUTED ABOVE ANY ELECTRICAL ROOM OR ELECTRICAL PANELS OR TELEPHONE ROOMS.

4. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER TRADES TO MINIMIZE SPATIAL CONFLICTS.

5. INSTALL BOTTOM OF ALL EXTERIOR WALL HYDRANTS AT 24" ABOVE FINISH GRADE ELEVATION.

6. PROVIDE ACCESS PANELS WITH SQUARE HINGED, LOCKING DOORS FOR ALL VALVES, SHOCK ABSORBERS AND TRAP PRIMERS CONCEALED. TILED WALLS SHALL BE 18-8 STAINLESS STEEL WITH NO. 4 SATIN FINISH SMITH #4762/4767 OR APPROVED EQUAL. GYPSUM BOARD OR BLOCK WALLS SHALL BE PRIMED AND PAINTED TO MATCH SMITH # 4760/4765 OR APPROVED EQUAL.

7. CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS BEFORE CONSTRUCTION BEGINS, INCLUDING SEWER, DRAIN, AND CONDUIT INV. ELEV. CONTACT CONTRACTING OFFICER SHOULD DISCREPANCIES OCCUR.

PLUMBING SCHEDULES

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER OR APPROVED EQUAL	MODEL	CONNECTIONS				COMMENTS
				CW	HW	WASTE	VENT	
FD1	FLOOR DRAIN	ZURN	ZN1400-NL4	-	-	4"	-	-
MS	MOP SINK	FIAT	TSBCR1000	3/4"	3/4"	3"	3"	CHICAGO FAUCETS 835-RCF
P1	WATER CLOSET WALL MOUNTED, ADA	AMERICAN STANDARD	2856.111	1 1/4"	-	4"	2"	SLOAN ROYAL 186 FLUSH VALVE
P2	WALL MOUNTED URINAL, ADA	KOHLER	K-5016-ET	3/4"	-	1-1/2"	1-1/2"	AMERICAN STANDARD FLUSH VALVE: INCLUDED
P3	LAVATORY, COUNTER MOUNTED, ADA	AMERICAN STANDARD	5502.175	1/2"	1/2"	1-1/2"	1-1/2"	-
P4	Water Cooler	Elkay	LVRCHD8S	1/2"	-	1-1/2"	1-1/2"	-
P8	EXTERNAL CLEANOUT	ZURN	ZN415B	-	-	4"	-	-
TP	TRAP PRIMER	ZURN	Z1022-DU4	1/2"	-	-	-	-

NOTES:

1. ADA DENOTES HANDICAPPED, INSTALL PER ADA REQUIREMENTS.

2. PRODUCT BRANDS SHOWN ON DRAWINGS ARE FOR INFORMATION PURPOSES ONLY AND SHALL NOT BE CONSTRUCTED AS THE ONLY PRODUCT AVAILABLE. OTHER BRAND SELECTED SHALL MEET THE PERFORMANCE AND MATERIAL SPECIFICATIONS OF PRODUCTS LISTED.

WATER HEATER SCHEDULE

MARK	LOCATION	MINIMUM STORAGE CAPACITY (GAL)	MINIMUM RECOVERY (GPH) @ 70°F	DISCHARGE TEMP. (F)	TEMP RISE °F	ELECTRICAL			MANUFACTURER/MODEL
						TOTAL KW	VOLTS	NUMBER OF ELEMENTS	
EWB	JAN.	30	53	140	55	9	240	3	BRADFORD WHITE 30A-9-3

EXPANSION TANK SCHEDULE

MARK	SERVICE	MANUFACTURER	MODEL	LOCATION	REMARKS
ET-1	DOMESTIC HOT WATER	AMTROL	ST-5-C	JAN.	ASME-STAMPED, DIAPHRAGM TYPE, 40 PSIG PRECHARGED

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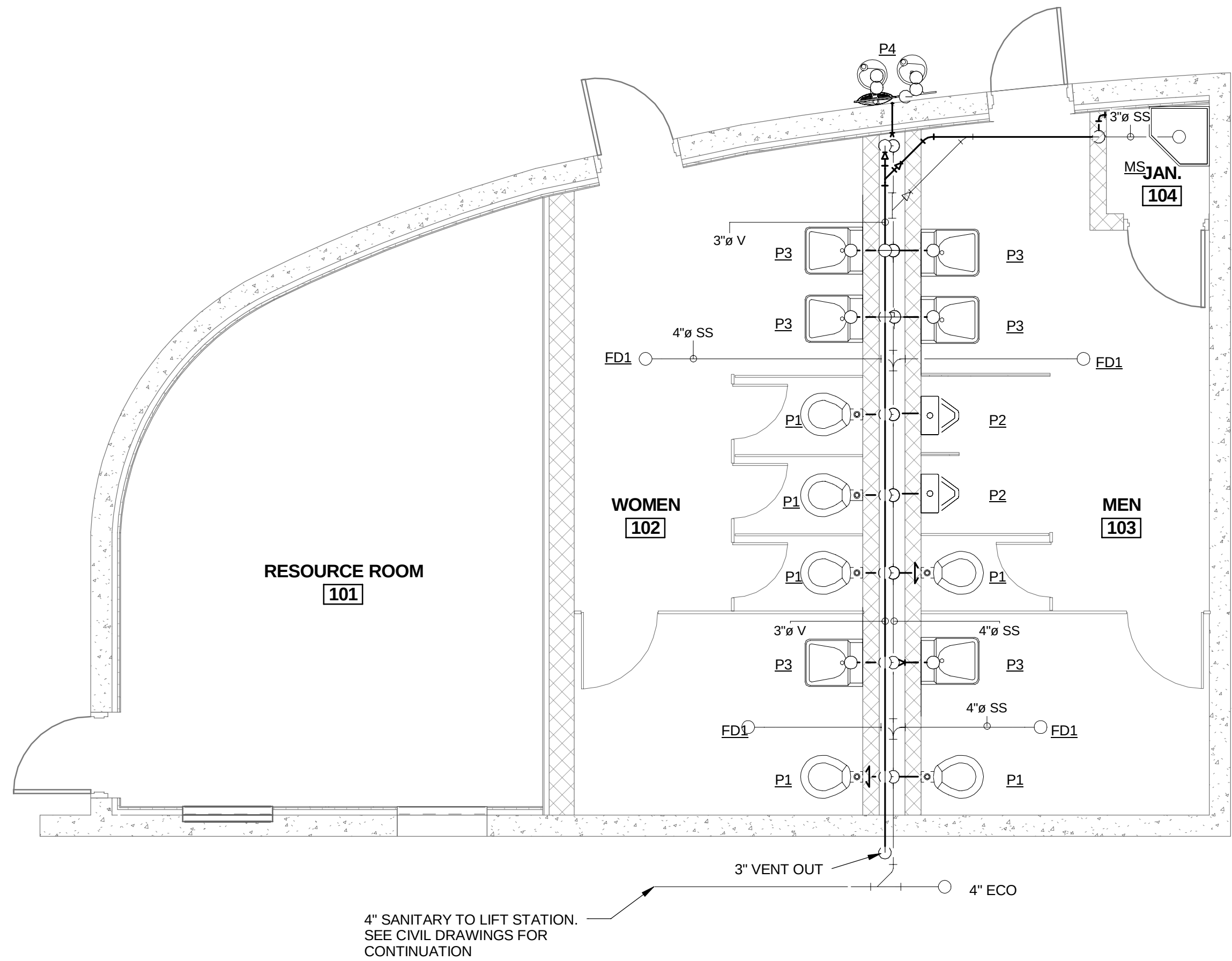
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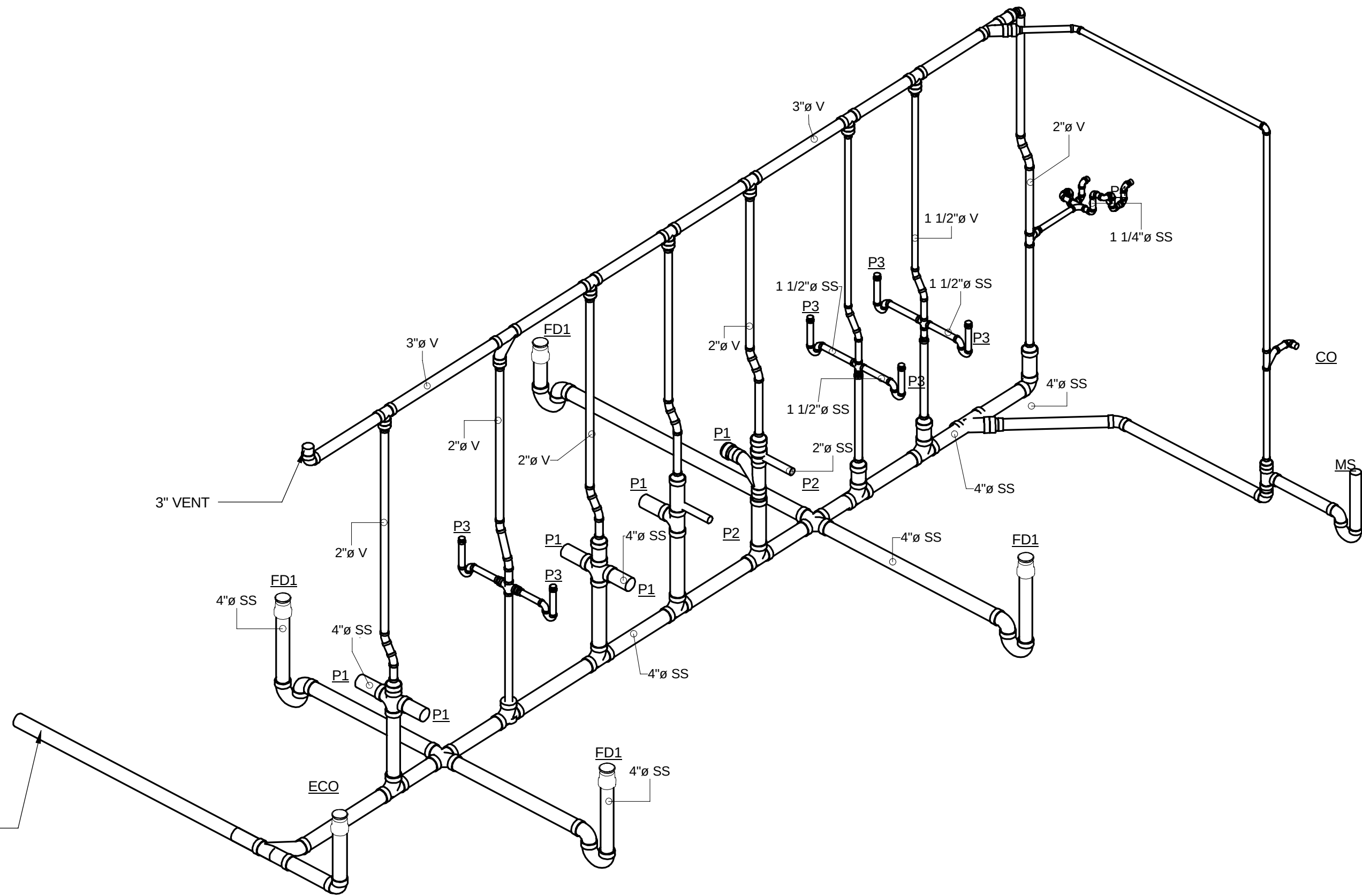
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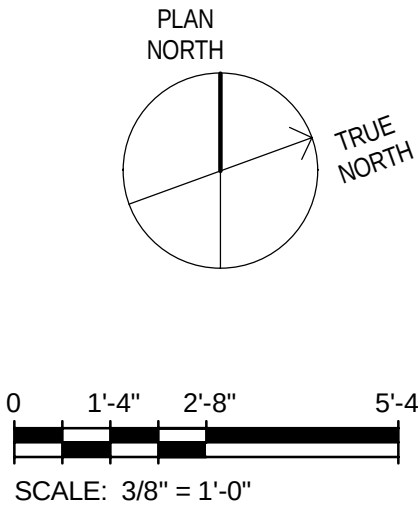


PLUMBING SANITARY PLAN
SCALE: 1/4" = 1'-0"

4" SANITARY TO LIFT STATION.
SEE CIVIL DRAWINGS FOR
CONTINUATION



SANITARY RISER DIAGRAM
SCALE: N.T.S.



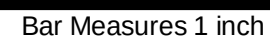
NOTES:
1) COORDINATE NEW DUCTWORK, PIPING, AND EQUIPMENT WITH
ALL NEW PIPES, EQUIPMENT, CONDUIT, WIRING, LIGHTING,
STRUCTURE, ETC.

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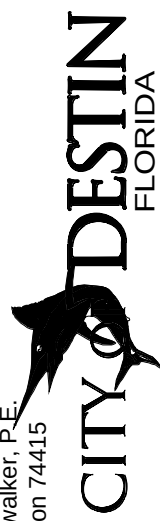
 TETRA TECH ENGINEERING BUSINESS NO. 2429 www.tetratech.com Emerald Coast Pkwy., Suite 110 Destin, FL 32550 Tel: 850.837.9278 Fax: 850.837.7289	
 CITY OF DESTIN FLORIDA www.cityofdestin.com 4200 Indian Bayou Tr. Destin, FL 32541 Phone: 850.837.4242	
BY	
DESCRIPTION	
DATE	
MARK	
CITY OF DESTIN, FL CAPTAIN ROYAL MELVIN - HERITAGE PARK PLUMBING SANITARY PLAN AND RISER	
Project No.: 200-08535-14002 Designed By: MGS Drawn By: JPG Checked By: MGS	
P101	

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Bar Measures 1 inch



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TETRA TECH ENGINEERING BUSINESS NO. 2429	www.tetrattech.com Emerald Coast Plw., Suite 110 Destin FL 32550 Tel: 850.837.9278 Fax: 850.837.7289		

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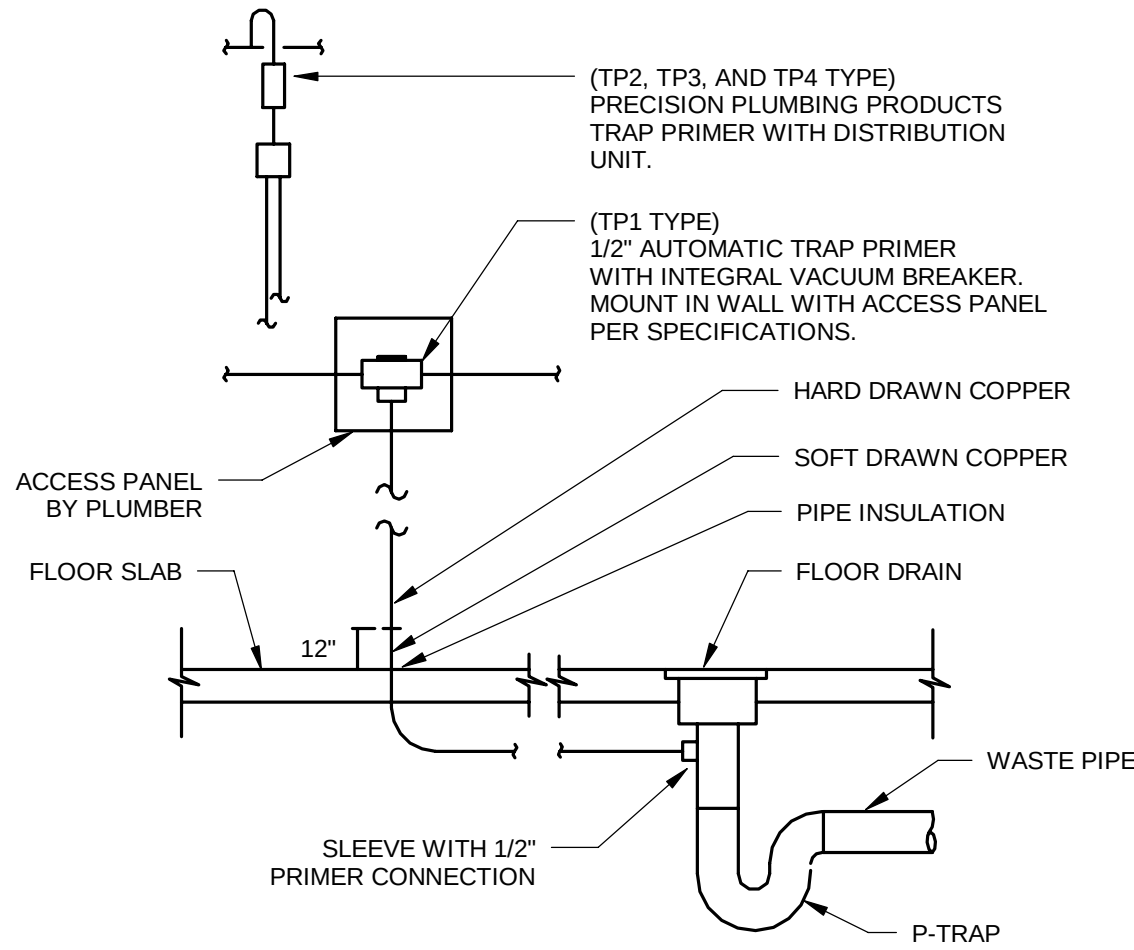
CITY OF DESTIN, FL
CAPTAIN ROYAL MELVIN - HERITAGE PARK
PLUMBING PRESSURE PIPING PLAN
AND RISER

Project No.:	200-08535-14002
Designed By:	MGS
Drawn By:	JPG
Checked By:	MGS

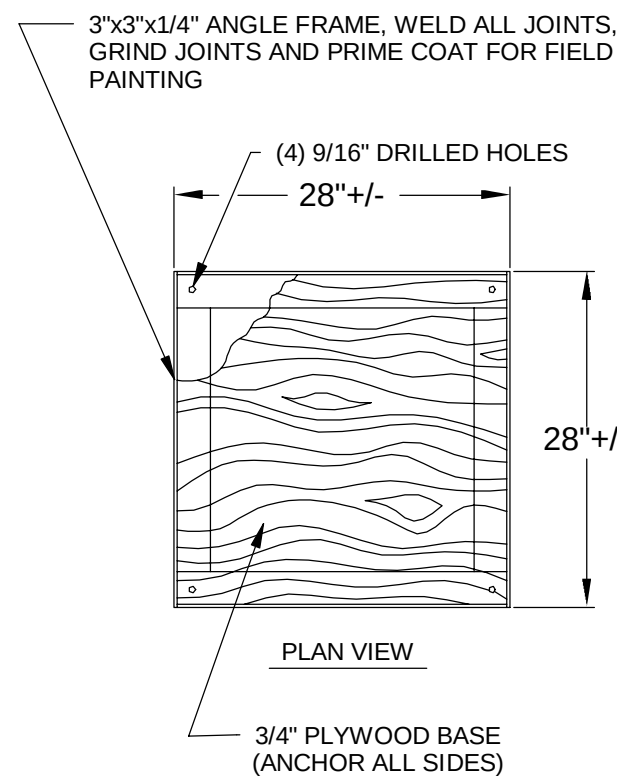
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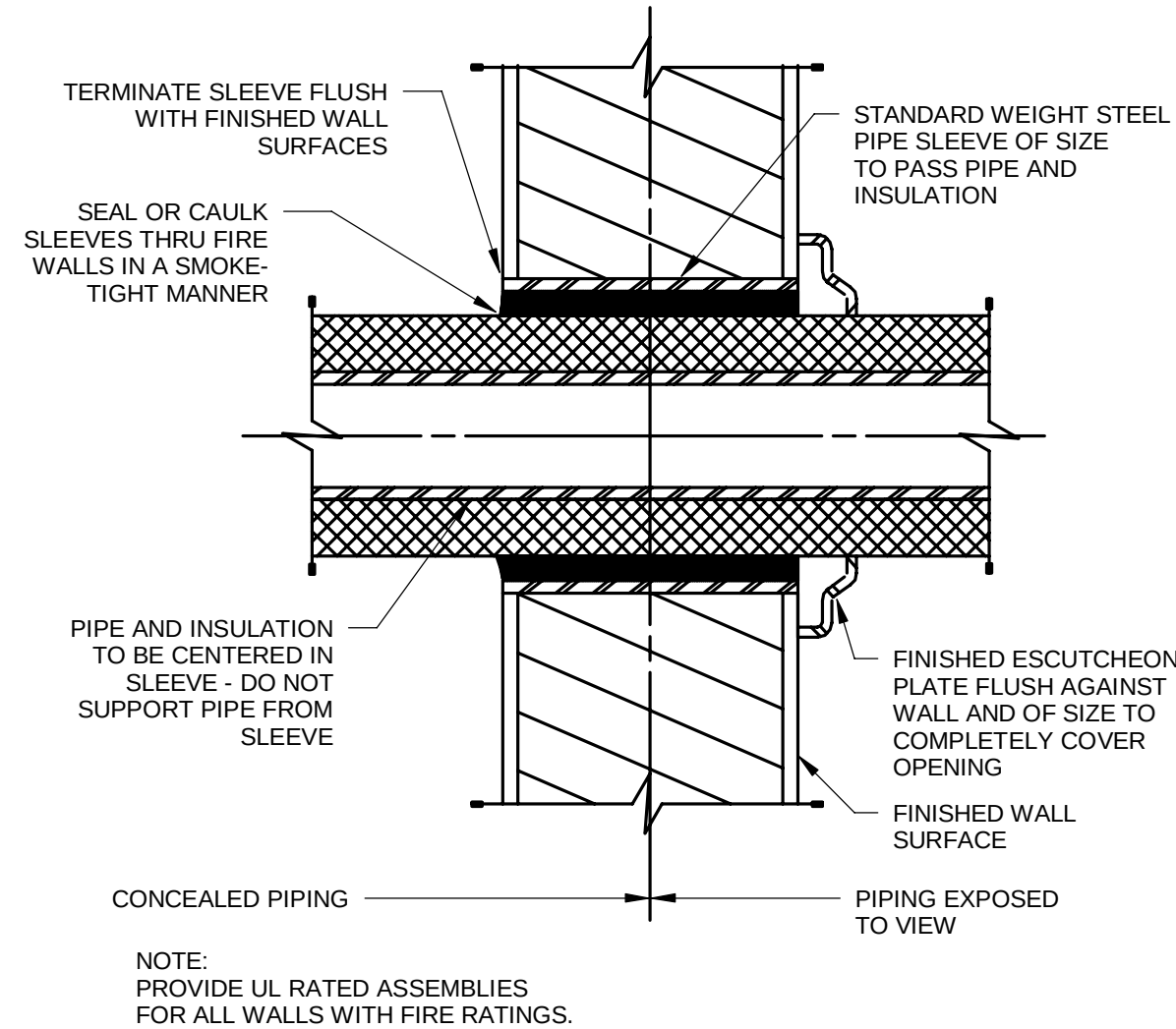
1 FLOOR DRAIN TRAP PRIMER DETAIL
P103 N.T.S



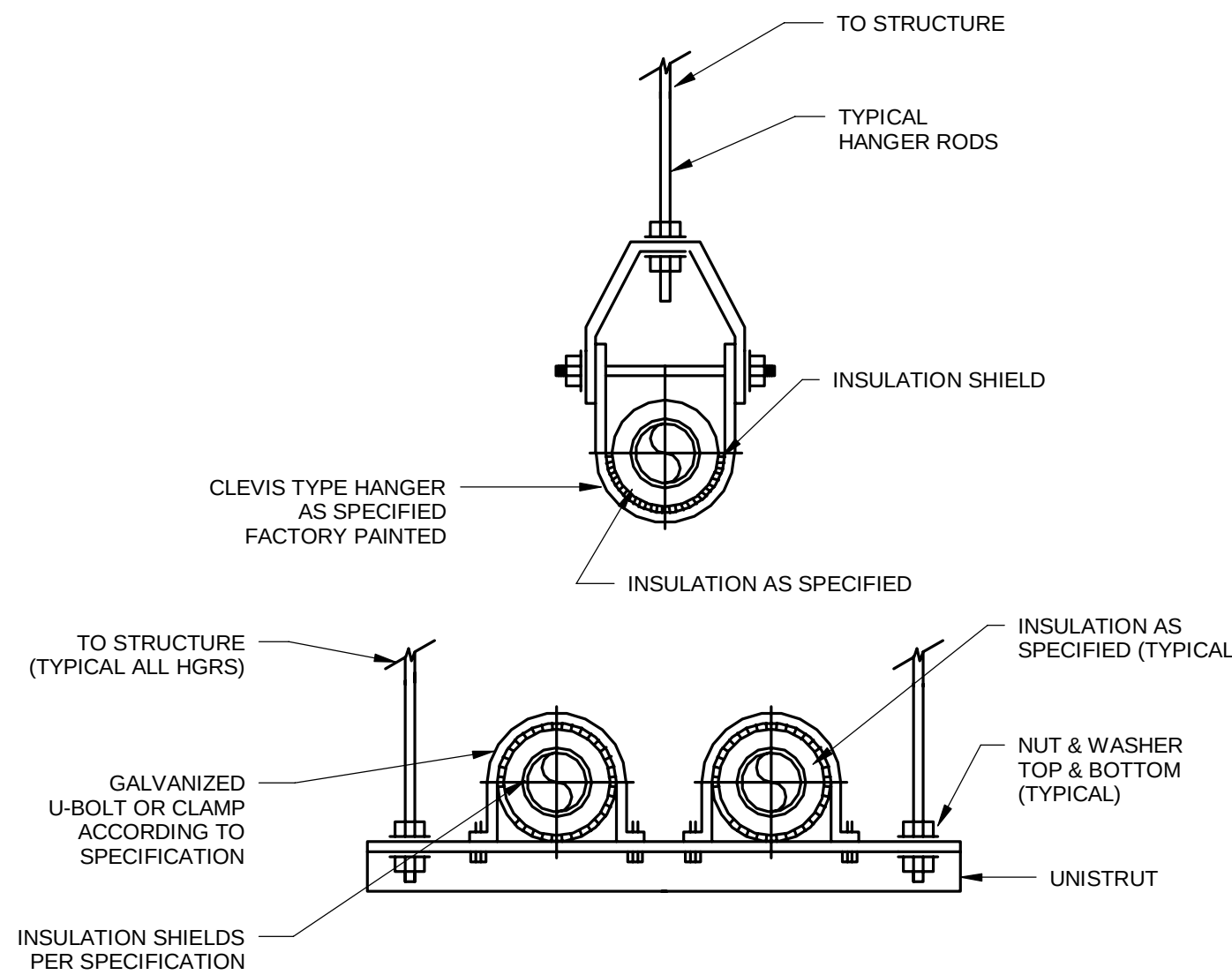
KEYED NOTES:

- 1 WATER HEATER
- 2 EXPANSION TANK (STRAP TO WALL)
- 3 VACUUM RELIEF VALVE
- 4 SHUTOFF VALVE
- 5 T&P RELIEF VALVE
- 6 GROUND JOINT UNION
- 7 DRAIN PAN
- 8 HOT WATER LINE
- 9 COLD WATER LINE
- 10 MOP SINK
- 11 ROUTE T&P RELIEF LINE TO MOP SINK
- 12 5/8\"/>
- 13 WATER HEATER TO BE SUSPENDED FROM STRUCTURE USING 1/2\"/>
- 14 ROUTE DRAIN PAN LINE TO MOP SINK

3 WATER HEATER OVER MOP BASIN
P103 N.T.S



2 PIPE SLEEVES THRU INTERIOR WALLS
P103 N.T.S



4 PIPE HANGERS - CLEVIS/TRAPEZE
P103 N.T.S

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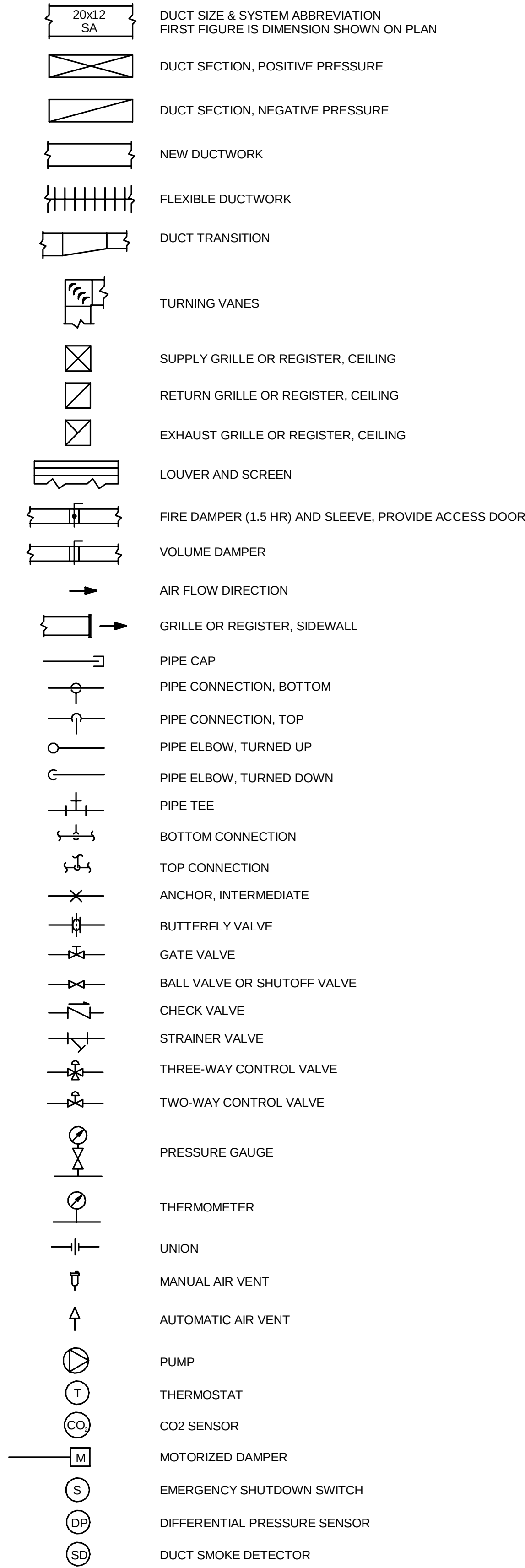
TETRA TECH ENGINEERING BUSINESS NO. 3429 www.tetratech.com Emerald Coast Pkwy., Suite 110 Destin, FL 32550 Tel: 850.837.9278 Fax: 850.837.7289	
CITY OF DESTIN, FLORIDA www.cityofdestin.com 4200 Indian Bayou Tr. Destin, FL 32541 Phone: 850.837.4242	
BY	DESCRIPTION
DATE	
MARK	
CITY OF DESTIN, FL CAPTAIN ROYAL MELVIN - HERITAGE PARK PLUMBING DETAILS AND SCHEDULES	
Project No.: 200-08535-14002	
Designed By: MGS	
Drawn By: JPG	
Checked By: MGS	
P103	

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Bar Measures 1 inch

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MECHANICAL LEGEND

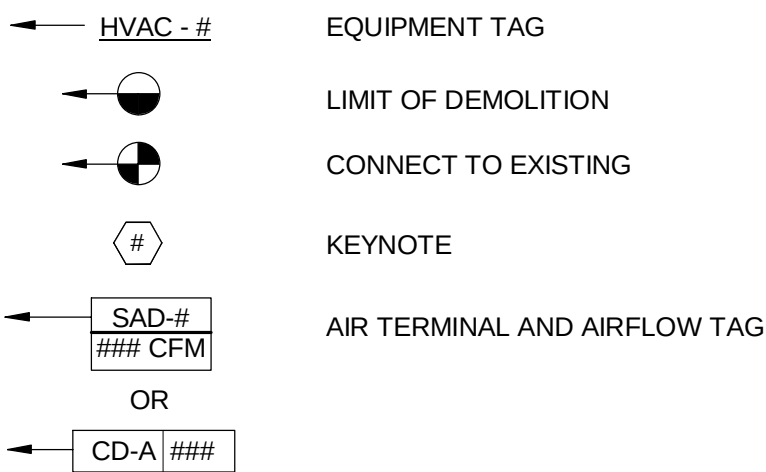


- NOTES:
1. THIS LEGEND IS FOR REFERENCE ONLY
 2. ALL SYMBOLS WHICH APPEAR WITHIN THE LEGEND MAY NOT APPLY TO THIS PROJECT.

MECHANICAL ABBREVIATIONS

AAV	AUTOMATIC AIR VENT
ABS	ABSOLUTE
AD	ACCESS DOOR
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
AP	ACCESS PANEL
APD	AIR PRESSURE DROP
APPROX	APPROXIMATE
BFF	BELOW FINISHED FLOOR
BFP	BACKFLOW PREVENTER
BHP	BREAK HORSEPOWER
CA	COMPRESSED AIR
CAP	CAPACITY
CO	CLEAN OUT
CONC	CONCRETE
COND	CONDENSATE
CONN	CONNECTION
CONT	CONTINUATION
CP-1	CONTROL PANEL WITH DESIGNATION
CU	CONDENSING UNIT
CW	CHILLED WATER
CWR	CHILLED WATER RETURN
CWS	CHILLED WATER SUPPLY
D	DRAIN
DB	DRY BULB
DEG	DEGREES
DEMO	DEMOLITION
DIA	DIAMETER
DN	DOWN
DS	DOWNSPOUT
DWG	DRAWING
EA	EXHAUST AIR
EAG	EXHAUST AIR GRILLE
EAT	ENTERING AIR TEMPERATURE
EEW	EMERGENCY EYE/FACE WASH
EF	EXHAUST FAN
EMCS	ENERGY MANAGEMENT AND CONTROL SYSTEM
ENT	ENTERING
ERV	ENERGY RECOVERY VENTILATOR
ESP	EXTERNAL STATIC PRESSURE
ESS	EMERGENCY SAFETY SHOWER
ET	EXPANSION TANK
EUH	ELECTRIC UNIT HEATER
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
F	FAHRENHEIT
FCO	FLOOR CLEAN OUT
FCU	FAN COIL UNIT
FD	FLOOR DRAIN/FIRE DAMPER
FH	FIRE HYDRANT
FLEX	FLEXIBLE
FM	FLOW METER
FPH	FREEZE PROOF HYDRANT
FPM	FEET PER MINUTE
GAL	GALLONS
GH	GRAVITY HOOD
GM	GAS METER
GPM	GALLONS PER MINUTE
GUH	GAS UNIT HEATER
GWH	GAS WATER HEATER
HB	HOSE BIBB
HD	HEAD
HO	HUB OUTLET
HP	HORSEPOWER
HW	HOT WATER
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
ID	INSIDE DIAMETER/DIMENSION
IE	INVERT ELEVATION
IMVB	ICE MAKER VALVE BOX
IN	INCH
IW	INDUSTRIAL WASTE
IWH	INSTANTANEOUS WATER HEATER

SYMBOLS AND TAGS



L	LOUVER
LAT	LEAVING AIR TEMPERATURE
LAV	LAVATORY
LP	LOUVERED PENTHOUSE
LVL	LEVEL
LWT	LEAVING WATER TEMPERATURE
M	METER
MAX	MAXIMUM
MEZZ	MEZZANINE
MFR	MANUFACTURER
MIN	MINIMUM
N/A	NOT APPLICABLE
NG	NATURAL GAS
NPW	NON-POTABLE WATER
NTS	NOT TO SCALE
OA	OUTDOOR AIR
OD	OUTSIDE DIAMETER
OED	OPEN ENDED DUCT
PCV	PRESSURE CONTROL VALVE
PD	PRESSURE DROP
PG	PRESSURE GAUGE
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
PW	POTABLE WATER
R	RADIUS
RA	RETURN AIR
RAG	RETURN AR GRILLE
RD	ROOF DRAIN
REFRIG	REFRIGERANT
RH	RADIANT HEATER
RL	REFRIGERANT LIQUID LINE
RBPB	REDUCED PRESSURE BACKFLOW PREVENTER
RPM	REVOLUTIONS PER MINUTE
RS	REFRIGERANT SUCTION LINE
SA	SUPPLY AIR
SAG	SUPPLY AIR GRILLE
SAN	SANITARY SEWER PIPING
SB	SECURITY BARS
SF	SUPPLY FAN
SK	SINK
SP	SUMP PUMP
SPEC	SPECIFICATION
STD	STANDARD
STO	STORM
SW	SERVICE WATER
T	THERMOMETER
TA	TRANSFER AIR
TBD	TO BE DETERMINED
TCV	TEMPERING VALVE
TD	TRENCH DRAIN
TEMP	TEMPERATURE
TMV	THERMOSTATIC MIXING VALVE
TSP	TOTAL STATIC PRESSURE
TSTAT	THERMOSTAT
TW	TEPID WATER
TYP	TYPICAL
UH	UNIT HEATER
V	VENT
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
VIF	VERIFY IN FIELD
VRF	VARIABLE REFRIGERANT FLOW
VS	VENT STACK
VTR	VENT THRU ROOF
W	WATT
WB	WET BULB
WB	WASHER BOX
WC	WATER CLOSET
WCO	WALL CLEAN OUT
WG	WATER GAUGE
WMS	WIRE MESH SCREEN
WPD	WATER PRESSURE DROP
WS	WASTE STACK
Ø	DIAMETER

GENERAL MECHANICAL NOTES

1. ALL MECHANICAL AND PLUMBING WORK SHALL BE IN STRICT COMPLIANCE WITH THE LATEST APPLICABLE EDITION OF THE FLORIDA MECHANICAL CODE, FLORIDA PLUMBING CODE, AND APPLICABLE PROVISIONS OF THE FLORIDA FUEL GAS CODE (IFGC).
2. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. IT IS INTENDED THAT A COMPLETE SYSTEM BE PROVIDED WITH ALL NECESSARY EQUIPMENT, APPURTENANCES, AND CONTROLS, COMPLETELY COORDINATED WITH ALL DISCIPLINES. ALL PARAMETERS GIVEN IN THESE DOCUMENTS SHALL BE STRICTLY CONFORMED WITH. ANY ITEMS AND LABOR REQUIRED FOR A COMPLETE SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS, AND THESE CONTRACT DOCUMENTS SHALL BE FURNISHED WITHOUT OCCURRING ANY ADDITIONAL COST TO THE OWNER. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS AND THE DESIGN OF OTHER TRADES BEFORE PREPARING SHOP DRAWINGS.
3. COORDINATE EQUIPMENT AND PIPING WITH ALL OTHER DISCIPLINES AND TRADES. MAKE ALL OFFSETS AND TRANSITIONS TO COORDINATE WITH OTHER TRADES WITHOUT ANY ADDITIONAL EXPENSE TO THE OWNER.
4. COORDINATE THE EXACT LOCATION AND SIZE OF ALL ROOF, WALL, AND SLAB PENETRATIONS WITH THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.
5. MAINTAIN PIPING A MINIMUM OF 8'-0" A.F.F IN ALL MECHANICAL ROOMS. ALL PIPING SHALL BE LOCATED AS HIGH AS POSSIBLE.
6. MOUNT THERMOSTATS WHERE INDICATED ON PLANS, 4'-0" A.F.F. UNLESS NOTED OTHERWISE.
7. COORDINATE WITH ELECTRICAL CONTRACTOR TO VERIFY CONTROL VOLTAGES WITH EQUIPMENT AND PROVIDE ACCORDINGLY.

DUCTWORK NOTES

1. ALL DUCTWORK IS SHOWN AS FREE AREA INSIDE DIMENSIONS.
2. USE 45 DEG. TAPS FOR ROUND TO ROUND TAKE OFF'S PROVIDE VOLUME DAMPER AT EACH TAKE OFF.
3. DO NOT CONSTRUCT OR INSTALL TAPS OUT OF REDUCERS, TEES AND OR ELBOWS.
4. ALLOW FOR FIELD MEASURED OFFSETS OR TRANSITIONS, ELBOWS ETC.
5. SUPPORT ALL FLEXIBLE DUCTWORK AS SHOWN IN SMACNA FIGURE 3-10, 2005, BUT NOT LESS THAN 6.0' CENTERS.
6. DO NOT USE FLEX DUCT IN EXPOSED AREAS. FLEX DUCT SHALL BE USED TO CONNECT ALL DIFFUSERS TO SUPPLY DUCT. MAXIMUM FLEX DUCT LENGTH TO DIFFUSERS SHALL NOT EXCEED FIVE FEET. MAXIMUM FLEX DUCT LENGTH AT ANY OTHER CONNECTION SHALL NOT EXCEED TWO FEET. FLEX DUCT SHALL NOT BE USED FOR ELBOWS.
7. GRILLES, REGISTERS AND DIFFUSERS CONNECTED BY FLEXIBLE DUCT SHALL BE SUPPORTED INDEPENDENTLY OF THE FLEXIBLE DUCT.
8. STRAIGHT DUCT LENGTH PRIOR TO VAV BOX CONNECTION SHALL BE MINIMUM OF THREE MULTIPLIED BY THE INLET DUCT DIAMETER (3 X D).
9. RECTANGULAR ELBOWS SHALL BE RADIUS FITTINGS WITH CENTERLINE RADIUS EQUAL TO 1.5 TIMES THE DUCT WIDTH WHERE SPACE PERMITS. OTHERWISE, RECTANGULAR DUCTS SHALL BE 90 DEG. ELLS WITH DOUBLE THICKNESS TURNING VANES. NO OTHERS WILL BE ALLOWED.
10. COORDINATE FINAL LOCATION OF ALL REGISTERS, GRILLES, DIFFUSERS ETC. WITH ARCHITECTURAL DRAWINGS AND LIGHTING PLANS.
11. ALL DUCT TAPS SHALL BE PER SMACNA STANDARDS LATEST EDITION.

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Destin, FL 32541
Phone: 850.837.4242

Timothy A. Vandewalker, P.E.
Florida Registration 74415

THE HARBOR CRA DISTRICT

BY	DESCRIPTION	DATE	MARK

CITY OF DESTIN, FL
CAPTAIN ROYAL MELVIN - HERITAGE PARK
HVAC LEGENDS, NOTES, AND ABBREVIATIONS

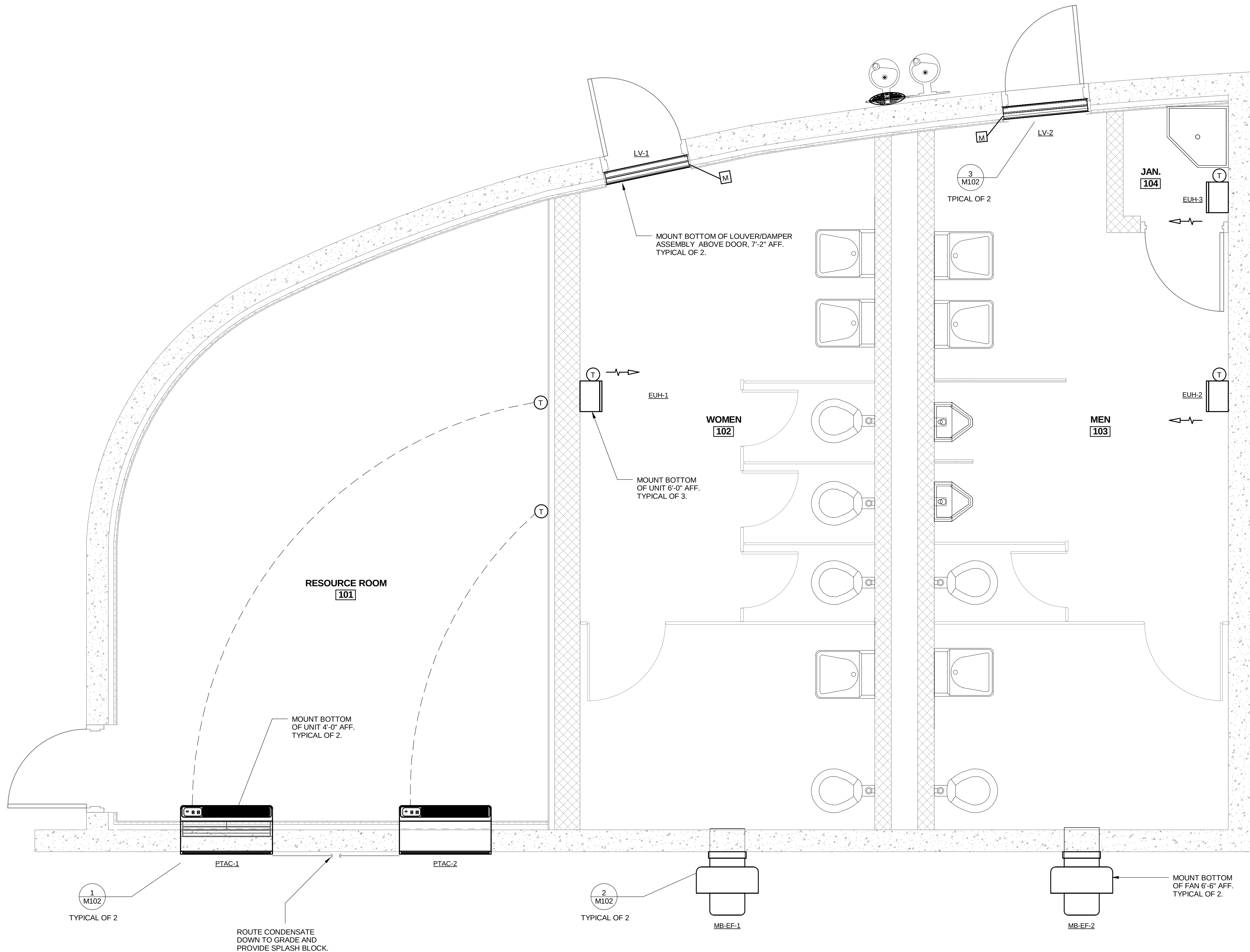
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Designed By: MGS
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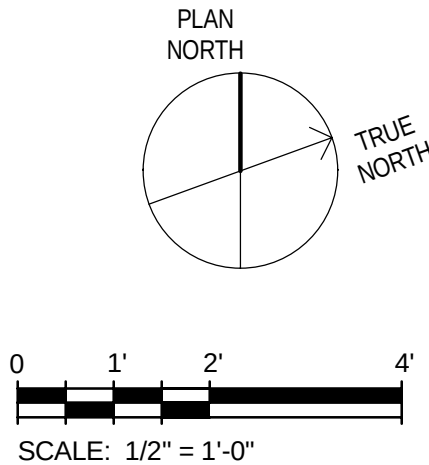
Bar Measures 1 inch

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NOTES:
1) COORDINATE NEW DUCTWORK, PIPING, AND EQUIPMENT WITH ALL NEW PIPES, EQUIPMENT, CONDUIT, WIRING, LIGHTING, STRCTURE, ETC.



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

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 TETRA TECH ENGINEERING BUSINESS NO. 3429 www.tetra.tech.com 201 EAST PINE STREET, SUITE 1000 ORLANDO, FLORIDA 32801 Tel: (407)839-3955 Fax: (407)835-3790	
 CITY OF DESTIN FLORIDA www.cityofdestin.com 4200 Indian Bayou Tr. Destin, FL 32541 Phone: 850.837.4242 Timothy A. Vandewalker, P.E. Florida Registration 74415 THE HARBOR CRA DISTRICT	
MARK	DATE
BY	DESCRIPTION
Project No.: 200-08535-14002 Designed By: MGS Drawn By: JPG Checked By: MGS	
CITY OF DESTIN, FL CAPTAIN ROYAL MELVIN - HERITAGE PARK HVAC PLAN M101	

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F
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PACKAGED TERMINAL AIR CONDITIONING UNIT SCHEDULE									
Mark	LOCATION	TOTAL/OA CFM	COOLING COIL	HEAT PUMP	TYPE	VOLTS / PH / HZ	MANUFACTURER	MODEL	REMARKS
PTAC-1	RESOURCE ROOM	400 / 75	14.5 MBH	13.3 MBH	WALL MOUNTED	208-230 / 1 / 60	FRIEDRICH	PDH15K	1,2,3
PTAC-2	RESOURCE ROOM	400 / 75	14.5 MBH	13.3 MBH	WALL MOUNTED	208-230 / 1 / 60	FRIEDRICH	PDH15K	1,2,3

- REMARKS:
1. PROVIDE WALL SLEEVE, ARCHITECTURAL GRILLE, 6 FOOT POWER CORD, PXFTA AIR FILTERS.
 2. ROUTE CONDENSATE TO EXTERIOR AND PROVIDE SPLASH BLOCK.
 3. UNIT SHALL RUN WHENEVER THE ZONE TEMPERATURE SENSOR CALLS FOR CONDITIONING AND SHALL MAINTAIN 75 DEGREE COOLING SETPOINT AND A 70 DEGREE HEATING SETPOINT.

ELECTRIC HEATER SCHEDULE									
MARK	LOCATION	TYPE	OUTPUT (MBh)	KW	AIR FLOW (CFM)	VOLTS / PH / HZ	MANUFACTURER	MODEL	REMARKS
EUH-1	WOMEN'S ROOM	WALL MOUNTED	17.1	5	245	240/1/60	MARKEL	H3425T	1,2,3
EUH-2	MEN'S ROOM	WALL MOUNTED	17.1	5	245	240/1/60	MARKEL	H3425T	1,2,3
EUH-3	MEN'S ROOM	WALL MOUNTED	6.8	2	245	240/1/60	MARKEL	H3422T	1,2,3

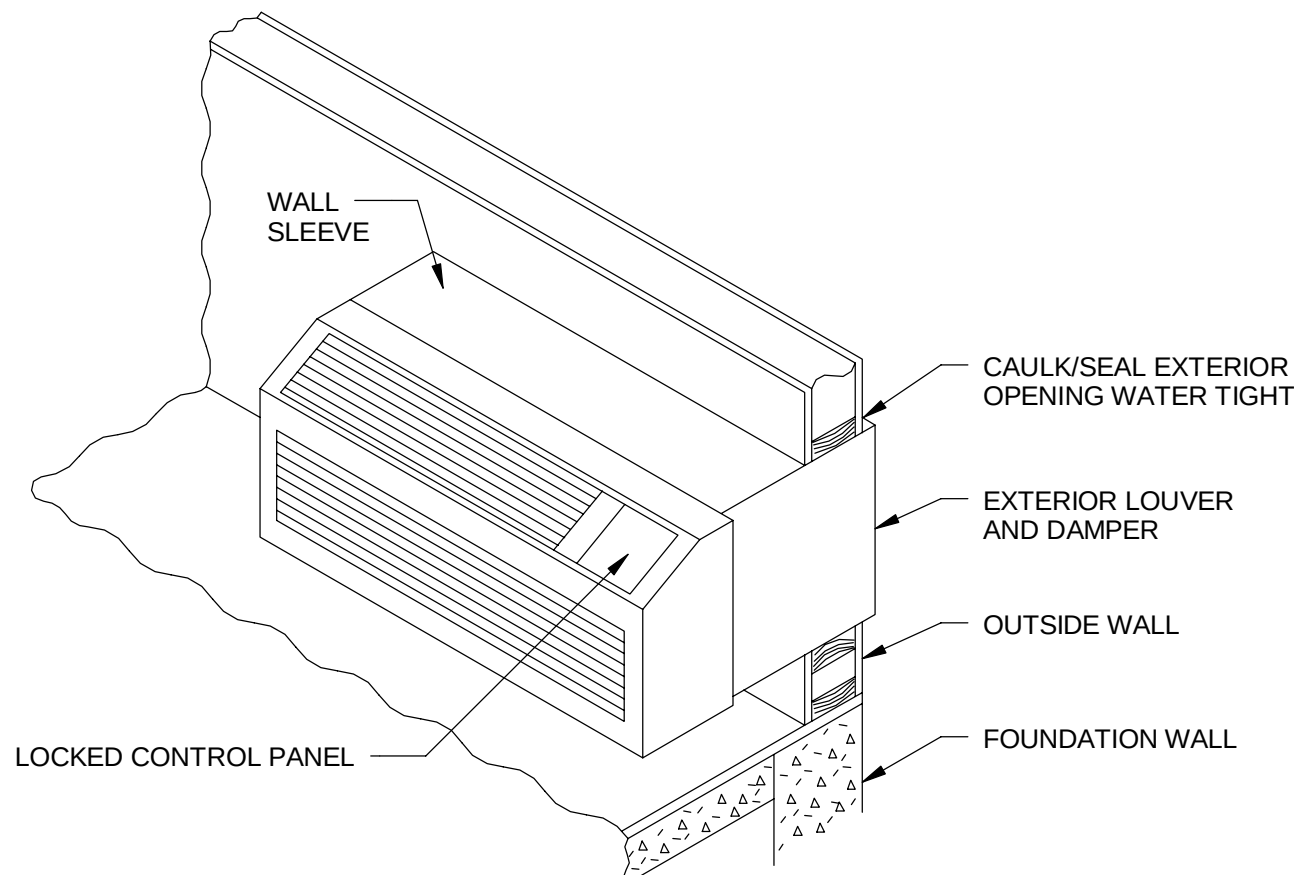
- REMARKS:
1. PROVIDE WALL MOUNTED THERMOSTAT
 2. UNIT SHALL BE SURFACE MOUNTED TO WALL
 3. HEATER SHALL RUN WHEN INITATED BY THERMOSTAT AND SHALL MAINTAIN A HEATING SETPOINT OF 60 DEGREES (ADJ.)

FAN SCHEDULE												
MARK	LOCATION	CFM	S.P. (IN. W.C.)	FAN RPM	ELECTRICAL				TYPE	DRIVE	MANUFACTURER	MODEL
					HP	VOLTS	PH.	HZ.				
MB-EF-1	WOMEN'S ROOM	350	0.5	1550	1/16	115	1	60	WALL MOUNTED	DIRECT	GREENHECK	CW-085-D
MB-EF-2	MEN'S ROOM	350	0.5	1550	1/16	115	1	60	WALL MOUNTED	DIRECT	GREENHECK	CW-085-D

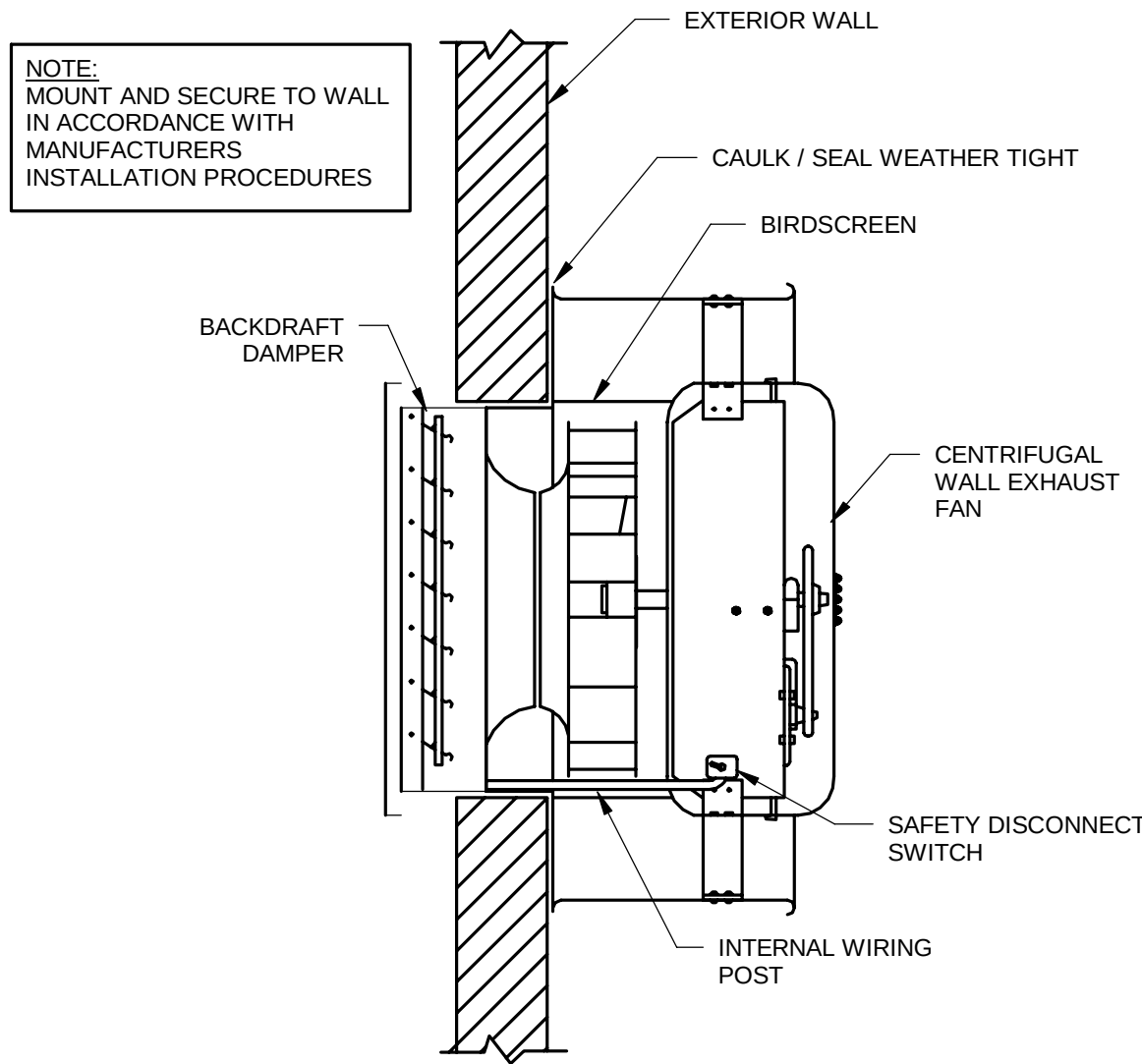
- REMARKS:
1. PROVIDE UNIT WITH GRAVITY BACKDRAFT DAMPER, FACTORY WALL GRILLE, HI-PRO POLYSETER COATING ON FAN AND ALL ACCESSORIES
 2. EF-1,2 SHALL RUN WHENEVER INITATED BY OCCUPANCY SENSOR. MOTORIZED DAMPER ASSOCIATED WITH LV-1,2 SHALL OPEN UPON STARTUP OF EITHER EF-1,2.

LOUVER SCHEDULE											
MARK	LOCATION	TYPE	AIR FLOW (CFM)	SIZE W X H (IN)	FREE AREA (SQ FT)	FREE AREA VELOCITY	AIR PRESSURE DROP (IN WG)	MANUFACTURER	MODEL	REMARKS	
LV-1	WOMEN'S ROOM	INTAKE	350	40 X 12	1.16	298	0.01	RUSKIN	ELF6375DXD	1,2,3	
LV-2	MEN'S ROOM	INTAKE	350	40 X 12	1.16	298	0.01	RUSKIN	ELF6375DXD	1,2,3	

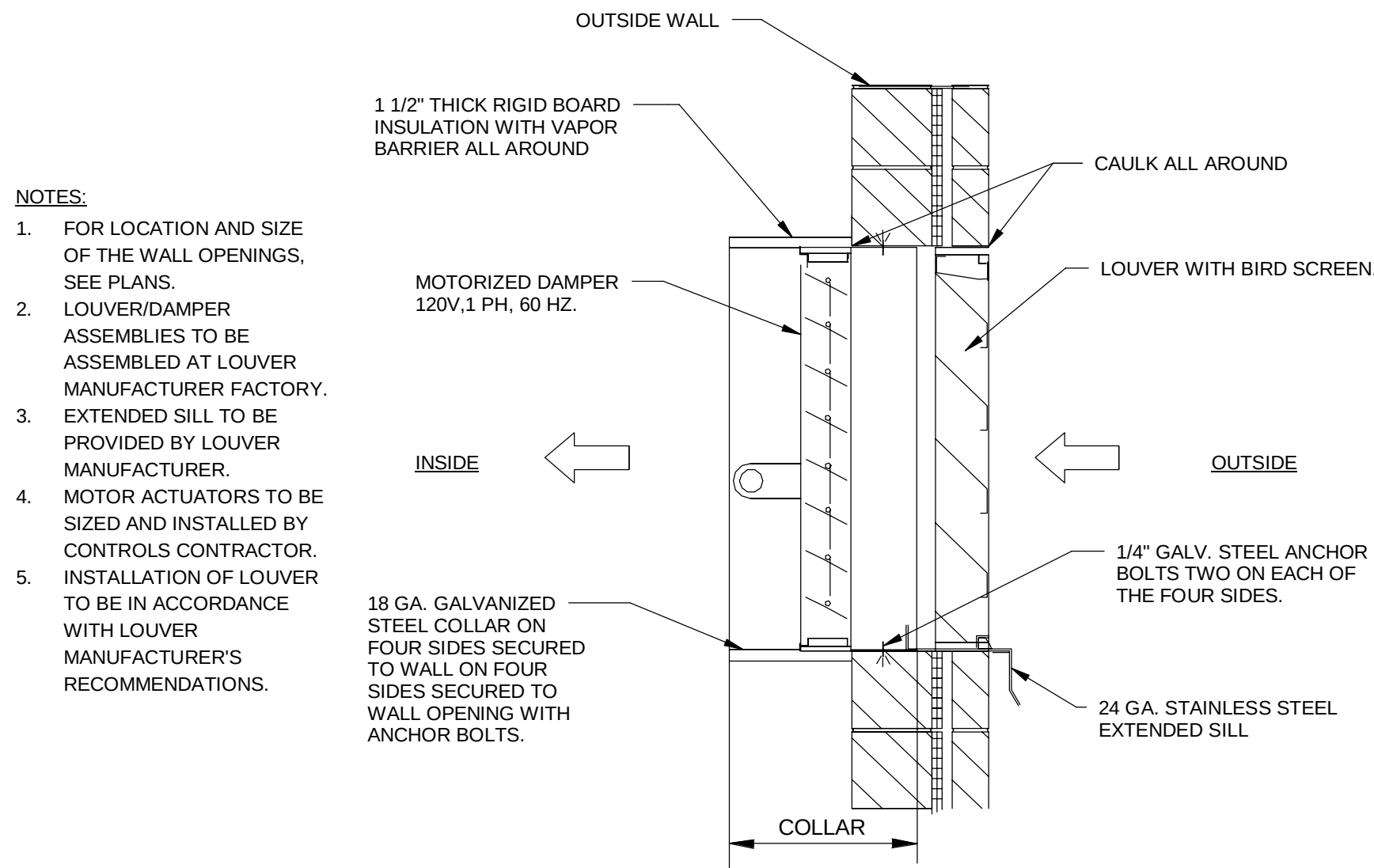
- REMARKS:
1. PROVIDE MOTORIZED DAMPER.
 2. PROVIDE GRAVITY DAMPER AND FLAT EXPANDED ALUMINUM BIRD SCREEN.
 3. LOUVER SHALL BE FLORIDA PRODUCT APPROVED. PROVIDE HERESITE PROTECTIVE COATING.



1 PACKAGED TERMINAL AIR CONDITIONING UNIT
M102 N.T.S



2 CENTRIFUGAL WALL EXHAUST FAN DETAIL
M102 N.T.S



3 MOTORIZED LOUVER/DAMPER
M102 N.T.S

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Destin, FL 32541
Phone: 850.837.4242

CITY OF DESTIN, FL
CAPTAIN ROYAL MELVIN - HERITAGE PARK
HVAC SCHEDULES AND DETAILS

Project No.: 200-08535-14002
Designed By: MGS
Drawn By: JPG
Checked By: MGS

M102

BY

DESCRIPTION

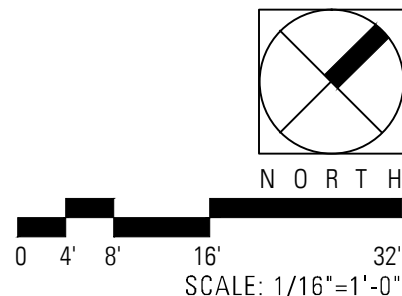
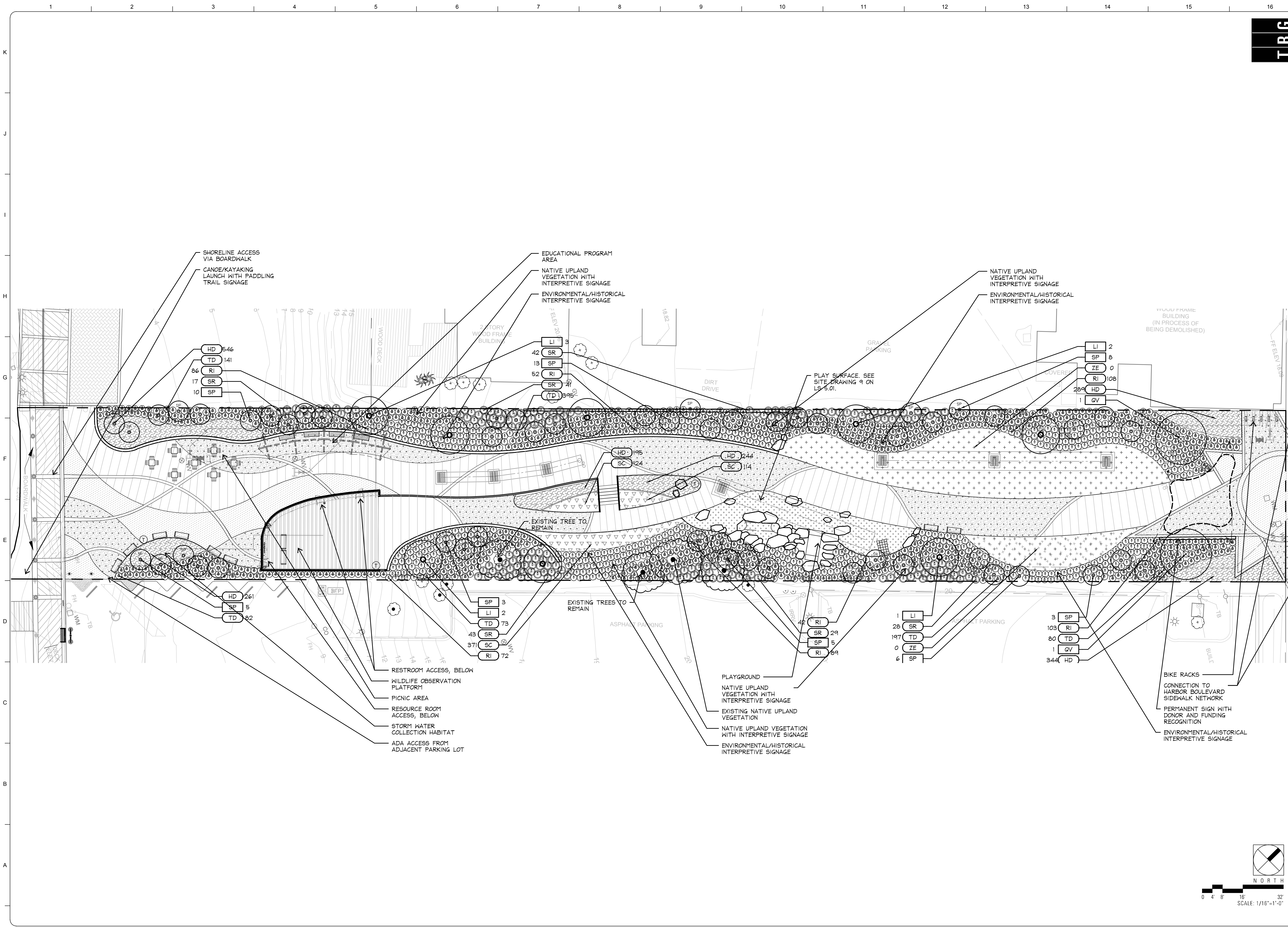
DATE

MARK

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Bar Measures 1 inch

Friday, June 30, 2017 12:39:47 PM DRAWING: Z:\Heritage Park (FL)\3981\104.CDX\refl\3981\title DWG LAYOUT: MODEL USER NAME: MISAGH HOSSEINZADEH



DRAFT 90% DESIGN DRAWINGS - NOT FOR CONSTRUCTION

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Paul Weinberg
Florida Registration 666604
TBC Partners
200 S.W. First Avenue
Suite 103
Fort Lauderdale, Florida 33301

BY

DATE

DESCRIPTION

MARK

DATE

DESCRIPTION

Client: City of Destin, FL
Proj. Loc.: Destin, FL

**CAPTAIN ROYAL MELVIN - HERITAGE PARK
OVERALL SITE PLAN**

Project No.: 200-08535-14002
Designed By: PW
Drawn By: JL
Checked By: PW

LC 1.00

Copyright: Tetra Tech

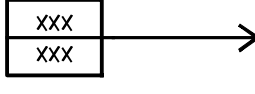
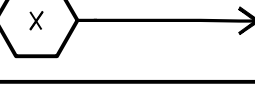
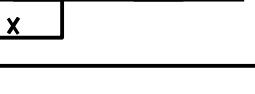
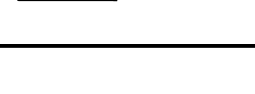
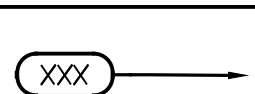
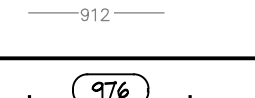
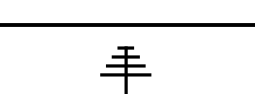
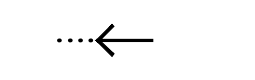
ROCK					
KEY	DESCRIPTION /MODEL NUMBER	COLOR	FINISH	CONTACT	REMARKS
 R.1	NATIVE LANDSCAPE BOULDER - SIZE RANGE: MIN. 18"x12"x12" - MAX. 48"x36"x18"	NATURAL	NATURAL	COMPANY: CONRAD YELVINGTON DISTRIBUTORS INC. PHONE: (850) 458-7509 OR APPROVED EQUAL	- NATURAL ROCK FORMATION TO BE FIELD ADJUSTED - REF. DETAILS FOR ADDITIONAL INFORMATION
 R.2	NATIVE STONE SLAB - SIZE RANGE: MIN. 36"x6"x18- MAX. 48"x10"x24	NATURAL	SPLIT FACE SIDES; SAW CUT TOP	COMPANY: CONRAD YELVINGTON DISTRIBUTORS INC. PHONE: (850) 438-7509 OR APPROVED EQUAL	- NATURAL ROCK FORMATION TO BE FIELD ADJUSTED - REF. DETAILS FOR ADDITIONAL INFORMATION
STRUCTURE					
 S.1	SHADE STRUCTURE 11CA 10'WIDTH, CUSTOM LENGTH AND CURVATURE	BLACK MEMBERS, WHITE VINYL FABRIC	WHITE VINYL FABRIC	POLYGON STRUCTURES - 616-888-3500 OR APPROVED EQUAL	CUSTOM STRUCTURE AND SHADE PANELS BY MANUFACTURER DESIGN TO BE APPROVED BY OWNER AND LANDSCAPE ARCHITECT. SEE PLANS AND DETAILS.
 S.2	CUSTOM COMMISSIONED SUSPENDED NET SCULPTURE	TBD	TBD	JANET ECHELMAN OR APPROVED EQUAL	CUSTOM ARTWORK AMORPHIC SHAPE ROUGHLY 30'x36'x8' HT. SUSPENDED AT 10' MINIMUM HEIGHT. CONTRACTOR TO SOLICIT PROPOSALS FOR APPROVAL BY OWNER. SEE PLANS AND DETAILS.
MISCELLANEOUS					
KEY	DESCRIPTION/MODEL NUMBER	COLOR	FINISH	CONTACT	REMARKS
 M.1	CONCRETE SCULPTURE PEDESTAL	NATURAL GRAY	FORM FINISH	N/A	SCULPTURE BY OTHERS (TBD)
 M.1	EDUCATIONAL SIGNAGE (POST-SET WITH ANGLED FACE)	TBD	TBD	TBD	SEE LS4-00 FOR SIGNAGE LAYOUT AND SPECIFICATIONS.
 M.2	ARTIFICIAL TURF - SUNLAWN 356	N/A	N/A	COMPANY: SYNLAWN PHONE: (800) 988-6166 OR APPROVED EQUAL	REF. DETAILS FOR ADDITIONAL INFORMATION
 M.5	DECORATIVE HANDRAIL NETTING	DESERT TAN	POLYESTER NETTING - 42" HIGH, 2" SQ. MESH	MEMPHIS NET AND TWINE CO. - 901-456-2666 OR APPROVED EQUAL	
 M.6	DIMENSIONAL LETTERS	BRONZE	OIL RUBBED	ACCENT SIGNS - 850-729-7446 OR APPROVED EQUAL	STANDOFF LETTERING, 6" TALL AND 2" THICK, ATTACHED TO CONCRETE WALL WITH MECHANICAL FASTENERS.
 M.7	MULTIPLICITY BIKE RACK	ALUMINUM / IPE WOOD		COMPANY: LANDSCAPE FORMS CONTACT: LUIS SALAZAR PHONE: (269) 337-1364 OR APPROVED EQUAL	
 M.8	SIGNAGE	TBD	TBD		SEE LS4-00 FOR SIGNAGE LAYOUT AND SPECIFICATIONS.
 M.9	FISH CASTINGS - CUSTOM	BRASS CASTING	OIL RUBBED	COMPANY:HAYNES HUNTING AND FISHING OR APPROVED EQUAL PHONE: (205) 764-3202	
 M.10	48" SHIP WHEEL MODEL#: SW-1712	BRASS / SHISHAM WOOD		COMPANY: WHOLESALE NAUTICAL DECOR OR APPROVED EQUAL PHONE: (800) 882-5221	
 M.11	ANTIQUE COPPER GALILEO TELESCOPE - 65"				NO TRIPOD. ATTACH ON TO RAILING.
 M.12	WEBNET WIRE MESH	BLACK POWDERCOAT	WEBNET ROLLS	COMPANY: JAKOB ROPE SYSTEMS OR APPROVED EQUAL PHONE: (561) 330-6502	

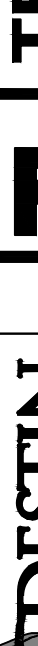
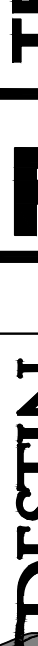
NOTE: OWNER MAY ELECT TO SUBSTITUTE MATERIALS AT TIME OF EXECUTION. SUBMIT SAMPLES OF ALL MATERIAL FOR APPROVAL PRIOR TO FINAL ORDER.

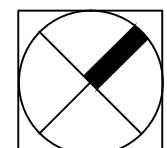
- 1.) LOCATE AND VERIFY THE CONDITION OF EXISTING UTILITIES PRIOR TO EXCAVATION. TAKE RESPONSIBILITY OF CONTACTING LINE LOCATION SERVICES AND ANY COST INCURRED FOR BODILY INJURY AND / OR DAMAGE OF OWNER'S PROPERTY OR SAID UTILITIES.
- 2.) THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED BY THE CONTRACTOR OF ANY DISCREPANCIES DISCOVERED BETWEEN THE PLANS AND ACTUAL SITE CONDITIONS BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE LIABLE FOR ALL MODIFICATIONS AND DAMAGES IF WORK PROCEEDS WITHOUT THIS NOTIFICATION AND APPROVAL.
- 3.) THE CONTRACTOR IS RESPONSIBLE FOR ALL ASPECTS OF MAINTAINING A SAFE WORK SITE INCLUDING BUT, NOT LIMITED TO PROVIDING FOR TRAFFIC CONTROL, INSTALLATION AND PLACEMENT OF FENCING AND BARRICADES, EXCAVATION AND TRENCH PROTECTION, AND COMPLIANCE WITH ALL FEDERAL AND LOCAL REGULATIONS AND CODES. ALL SAFETY EXPOSURES OR VIOLATIONS SHALL BE RECTIFIED IMMEDIATELY.
- 4.) THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL EXISTING IMPROVEMENTS BOTH ON SITE AND ADJACENT TO THE WORK SITE AND SHALL REPAIR ANY DAMAGE TO THESE IMPROVEMENTS TO THE SATISFACTION OF THE OWNER, INCLUDING LANDSCAPE TO REMAIN.
- 5.) THE CONTRACTOR SHALL NOTIFY OWNER AND LANDSCAPE ARCHITECT 72 HOURS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT INSPECTION SCHEDULES.
- 6.) ANY ALTERNATES AND OR SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL. CHANGES TO THE SCOPE OF WORK AND / OR CONTRACT DOCUMENTS RESULTING FROM THE ACCEPTANCE OF THE CONTRACTOR'S ALTERNATES AND / OR SUBSTITUTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 7.) THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF TRASH ON A DAILY BASIS.
- 8.) THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. PRIOR TO CONSTRUCTION, ALL PERMITS AND APPROVALS REQUIRED FOR CONSTRUCTION OF THE PROJECT SHALL BE PAID FOR AND OBTAINED BY THE CONTRACTOR.
- 9.) COORDINATE WORK WITH SUBCONTRACTORS TO ACCOMPLISH THE SCOPE OF WORK AS SHOWN AND NOTED IN THE CONTRACT DOCUMENTS AS WELL AS, COORDINATE CONSTRUCTION WITH OTHER CONTRACTORS WORKING ON THE SITE.
- 10.) THE CONTRACTOR SHALL COORDINATE THE STORING OF MATERIALS, PARKING OF VEHICLES, AND RESTRICTIONS OF WORK AND ACCESS WITH THE OWNER. UNDER NO CIRCUMSTANCES SHALL ANY CONTRACTOR STORE MATERIALS, PARK VEHICLES OR EQUIPMENT UNDER THE CANOPY OF EXISTING TREES.
- 11.) UNLESS SPECIFIED OTHERWISE, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND PAYING ALL TEMPORARY UTILITIES AND SERVICES NECESSARY TO

- 1.) LOCATE AND VERIFY THE CONDITION OF EXISTING UTILITIES PRIOR TO EXCAVATION. TAKE RESPONSIBILITY OF CONTACTING LINE LOCATION SERVICES AND ANY COST INCURRED FOR BODILY INJURY AND / OR DAMAGE OF OWNER'S PROPERTY OR SAID UTILITIES.
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- 9.) COORDINATE WORK WITH SUBCONTRACTORS TO ACCOMPLISH THE SCOPE OF WORK AS SHOWN AND NOTED IN THE CONTRACT DOCUMENTS AS WELL AS, COORDINATE CONSTRUCTION WITH OTHER CONTRACTORS WORKING ON THE SITE.
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- 11.) UNLESS SPECIFIED OTHERWISE, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND PAYING ALL TEMPORARY UTILITIES AND SERVICES NECESSARY TO COMPLETELY INSTALL ALL WORK AS SHOWN AND NOTED IN THE CONTRACT DOCUMENTS.
- 12.) THE CONTRACTOR IS RESPONSIBLE FOR THE LEGAL OFF-SITE DISPOSAL OF SURPLUS MATERIAL AND DEBRIS.
- 13.) UPON COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL APPROVAL, THE CONTRACTOR SHALL THOROUGHLY CLEAN THE PROJECT SITE OF ALL TRASH, REPAIR ALL DAMAGE TO FINISH GRADE, INCLUDING TAILINGS FROM EXCAVATIONS, WHEEL RUTS AND ANY SETTLING OR EROSION THAT HAS OCCURRED PRIOR TO COMPLETION. ALL AREAS OF THE PROJECT SITE SHALL BE LEFT IN A NEAT AND PRESENTABLE CONDITION SATISFACTORY TO THE OWNER PRIOR TO SUBMITTAL OF THE FINAL PAYMENT.

MISCELLANEOUS					
KEY	DESCRIPTION/MODEL NUMBER	COLOR	FINISH	CONTACT	REMARKS
M.1	CONCRETE SCULPTURE PEDESTAL	NATURAL GRAY	FORM FINISH	N/A	SCULPTURE BY OTHERS (TBD)
M.1	EDUCATIONAL SIGNAGE (POST-SET WITH ANGLED FACE)	TBD	TBD	TBD	SEE L54-00 FOR SIGNAGE LAYOUT AND SPECIFICATIONS.
M.2	ARTIFICIAL TURF - SUNLAWN 356	N/A	N/A	COMPANY: SYNLAWN PHONE: (800) 988-6156 OR APPROVED EQUAL	REF. DETAILS FOR ADDITIONAL INFORMATION
M.5	DECORATIVE HANDRAIL NETTING	DESERT TAN	POLYESTER NETTING - 42" HIGH, 2" SQ. MESH	MEMPHIS NET AND TWINE CO. - 901-458-2656 OR APPROVED EQUAL	
M.6	DIMENSIONAL LETTERS	BRONZE	OIL RUBBED	ACCENT SIGNS - 850-729-7446 OR APPROVED EQUAL	STANDOFF LETTERING, 6" TALL AND 2" THICK. ATTACHED TO CONCRETE WALL WITH MECHANICAL FASTENERS.
M.7	MULTIPLICITY BIKE RACK	ALUMINUM / IPE WOOD		COMPANY: LANDSCAPE FORMS CONTACT: LUIS SALAZAR PHONE: (269) 337-1364 OR APPROVED EQUAL	
M.8	SIGNAGE	TBD	TBD		SEE L54-00 FOR SIGNAGE LAYOUT AND SPECIFICATIONS.
M.9	FISH CASTINGS - CUSTOM	BRASS CASTING	OIL RUBBED	COMPANY:HAYNES HUNTING AND FISHING OR APPROVED EQUAL PHONE: (205) 764-3202	
M.10	48" SHIP WHEEL MODEL#: SW-1712	BRASS / SHISHAM WOOD		COMPANY: WHOLESALE NAUTICAL DECOR OR APPROVED EQUAL PHONE: (800) 882-5221	
M.11	ANTIQUE COPPER GALILEO TELESCOPE - 65"				NO TRIPOD. ATTACH ON TO RAILING.
M.12	WEBNET WIRE MESH	BLACK POWDERCOAT	WEBNET ROLLS	COMPANY: JAKOB ROPE SYSTEMS OR APPROVED EQUAL PHONE: (561) 330-6502	

SYMBOLS AND LINETYPES	
SYMBOL	DESCRIPTION
	DETAIL REFERENCE
	MATERIALS & FINISHES SYMBOL
	SECTION SYMBOL
	TREE LABEL
	SHRUB AND ORNAMENTAL GRASSES LABEL
	GROUNDCOVER LABEL
	PERENNIAL LABEL
	EXISTING TOPOGRAPHY
	PROPOSED TOPOGRAPHY
	PROPOSED SPOT GRADES
	JUNCTION BOX
	ELECTRICAL METER
	HOME RUN
	ENLARGEMENT AREA WITH REFERENCE
	PERFORATED DRAINAGE PIPE
	SOLID DRAINAGE PIPE
	WATER FLOW OR SWALE DIRECTION

PROJECT NO.: 200-08535-14002 DESIGNED BY: P/W DRAWN BY: J/L CHECKED BY: P/W	CAPTAIN ROYAL MELVIN - HERITAGE PARK MATERIALS AND GENERAL NOTES									
	PG. NO. _____ OF _____ PG. LOC. DESTIN, FL. _____									
Florida Registration 6866804 TIG Partners 200 Indian Bayou Tr. Suite 103 Fort Lauderdale, Florida 33301										
 CITY OF DESTIN FLORIDA										
www.cityofdestin.com 4200 Indian Bayou Tr. Destin, FL 32541 Phone: 850.837.4242										
THE HARBOR CRA DISTRICT 201 East Pine Street, Suite 1000 Orlando, FL 32801 Phone: (407) 839-3855 Fax: (407) 839-3870 www.hairtech.com										
TETRA TECH 										
DATE _____ Jun. 30, 2017										



Project No.:	200-08535-14002
Designed By:	PW
Drawn By:	JL
Checked By:	PW

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CITY OF DESTIN
FLORIDA

Paul Weinberg
Florida Registration 6666604
TBG Partners
200 S.W. First Avenue
Suite 103
Fort Lauderdale, Florida 33301

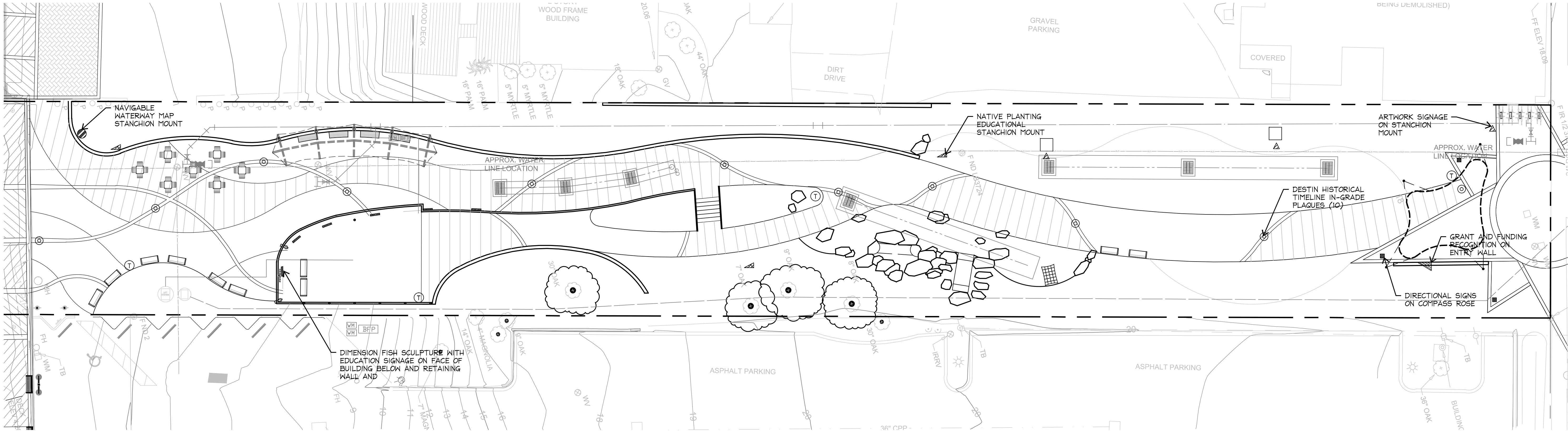
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Orlando, FL 82801
Phone: (407) 839-3955 Fax: (407) 839-3970



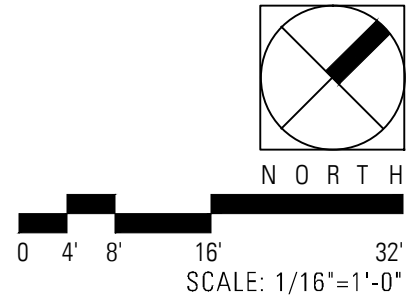
TETRA TECH

www.cityofdestin.com 4200 Indian Bayou Tr. Destin, FL 32541 Phone: 950.937.4242	www.telratech.com 201 East Pine Street., Suite 1000 Orlando, FL 82801 Phone: (407) 839-3955 Fax: (407) 839-3970
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Friday, June 30, 2017 12:39:47 PM DRAWING: Z:\Heritage Park (FL)\3981\004_CD\Xref\FL13981\title DWG LAYOUT: MODEL USER NAME: MISAGH_HOSSEINZADEH



NOTE: LANDSCAPE ARCHITECT TO REVIEW LAYOUT IN FIELD PRIOR TO INSTALLATION.



Client: City of Destin, FL
Proj. Loc.: Destin, FL

Project No.: 200-08535-14002
Designed By: PW
Drawn By: JL
Checked By: PW

LS 4.00

CAPTAIN ROYAL MELVIN - HERITAGE PARK
SIGNAGE PLAN

Paul Weinberg
Florida Registration 666604
TBC Partners
200 S.W. First Avenue
Suite 103
Fort Lauderdale, Florida 33301

BY

DATE

DESCRIPTION

MARK

City of Destin
FLORIDA

THE HARBOR CRA DISTRICT

www.cityofdestin.com
4200 Indian Bayou Tr.
Destin, FL 32541
Phone: 850.837.4242

DATE

Jun 30, 2017

TETRA TECH

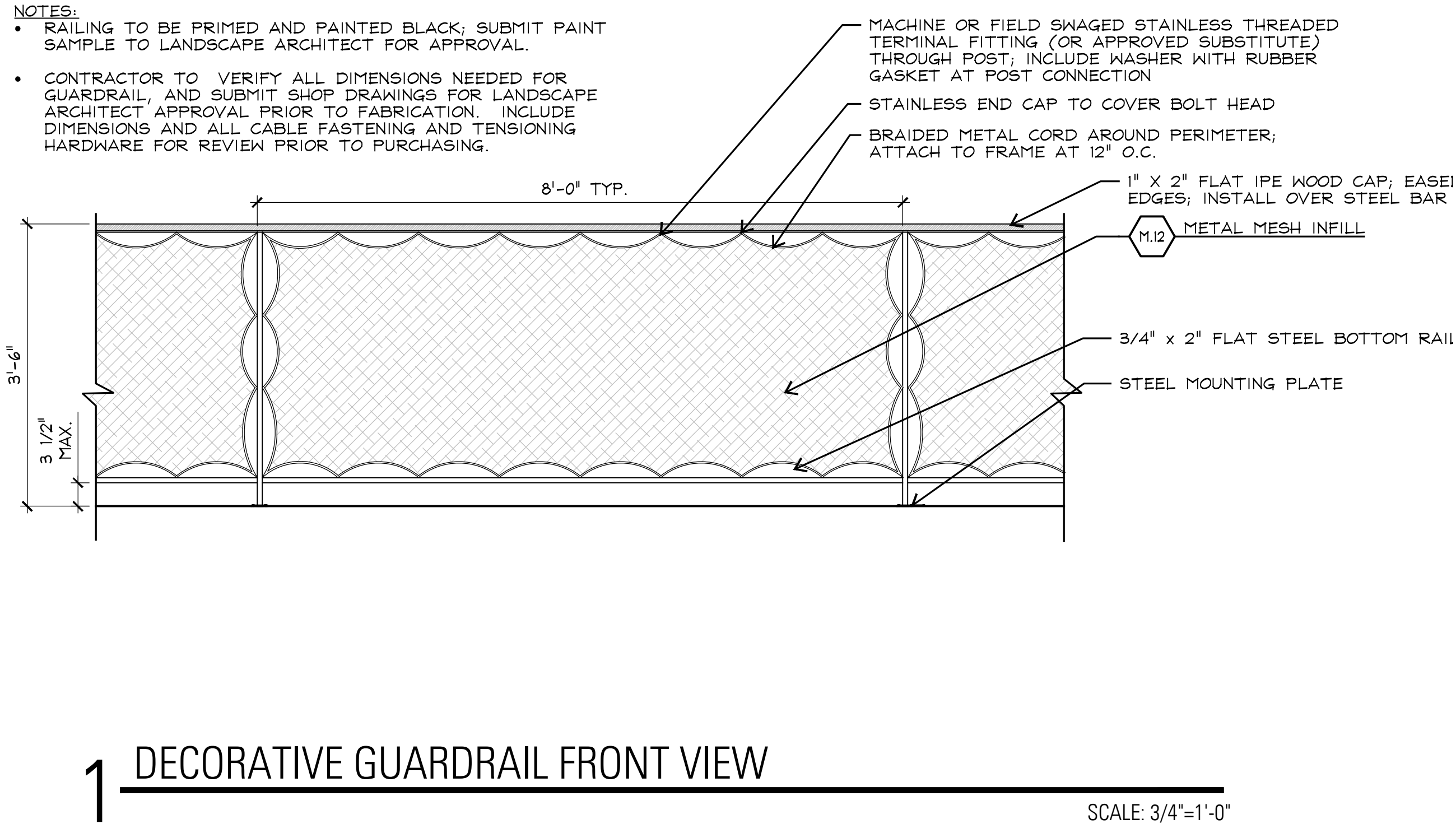
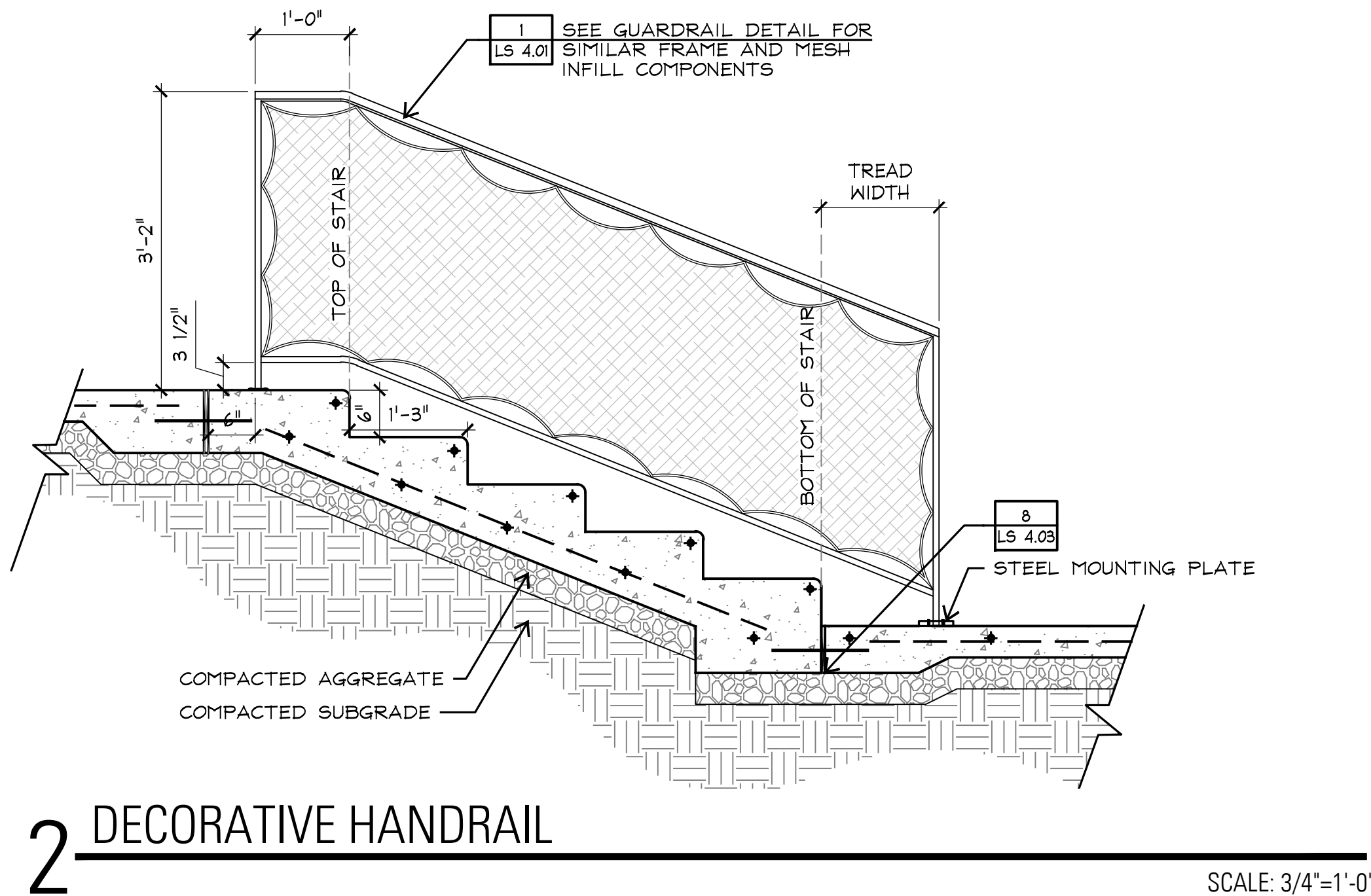
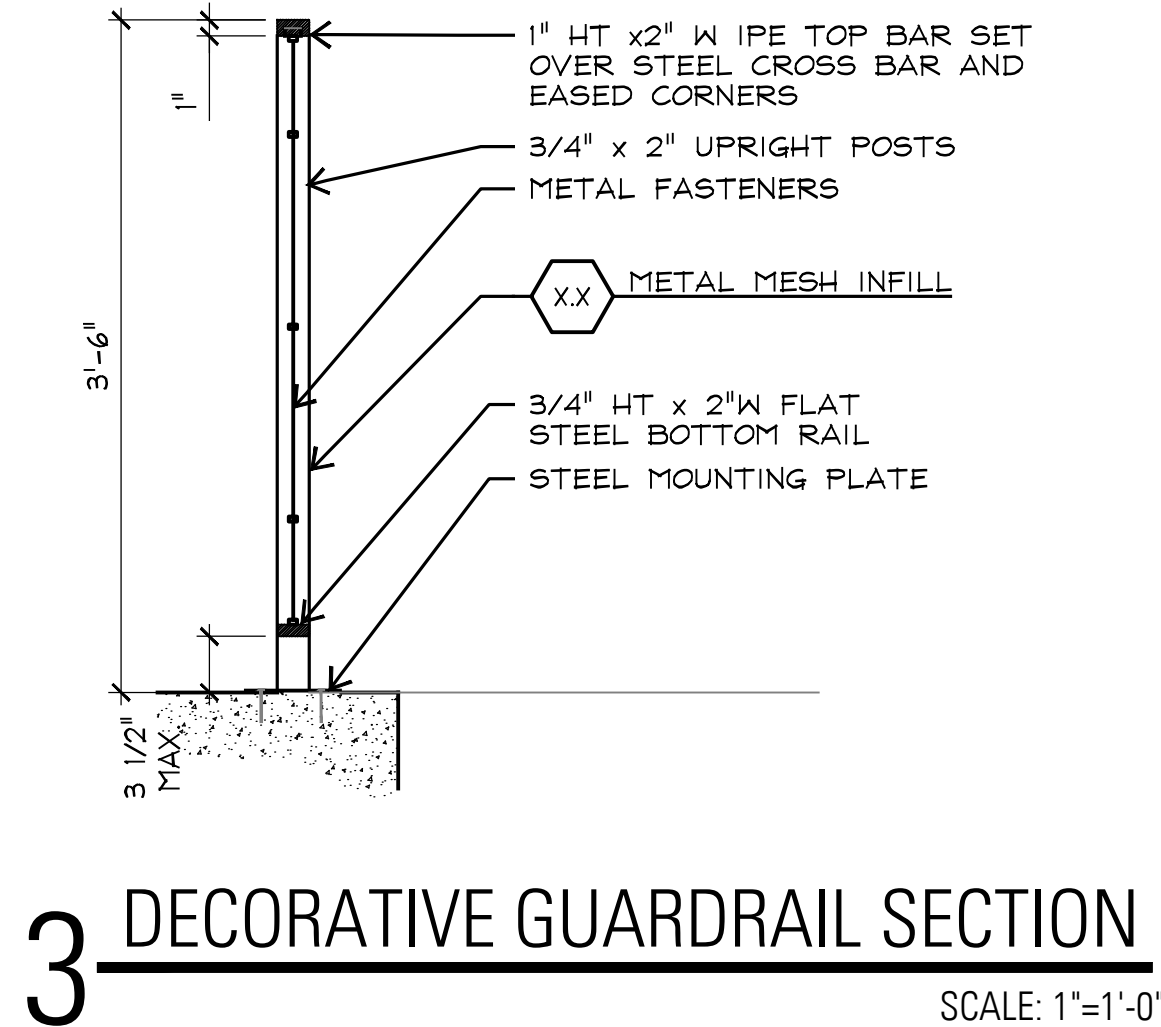
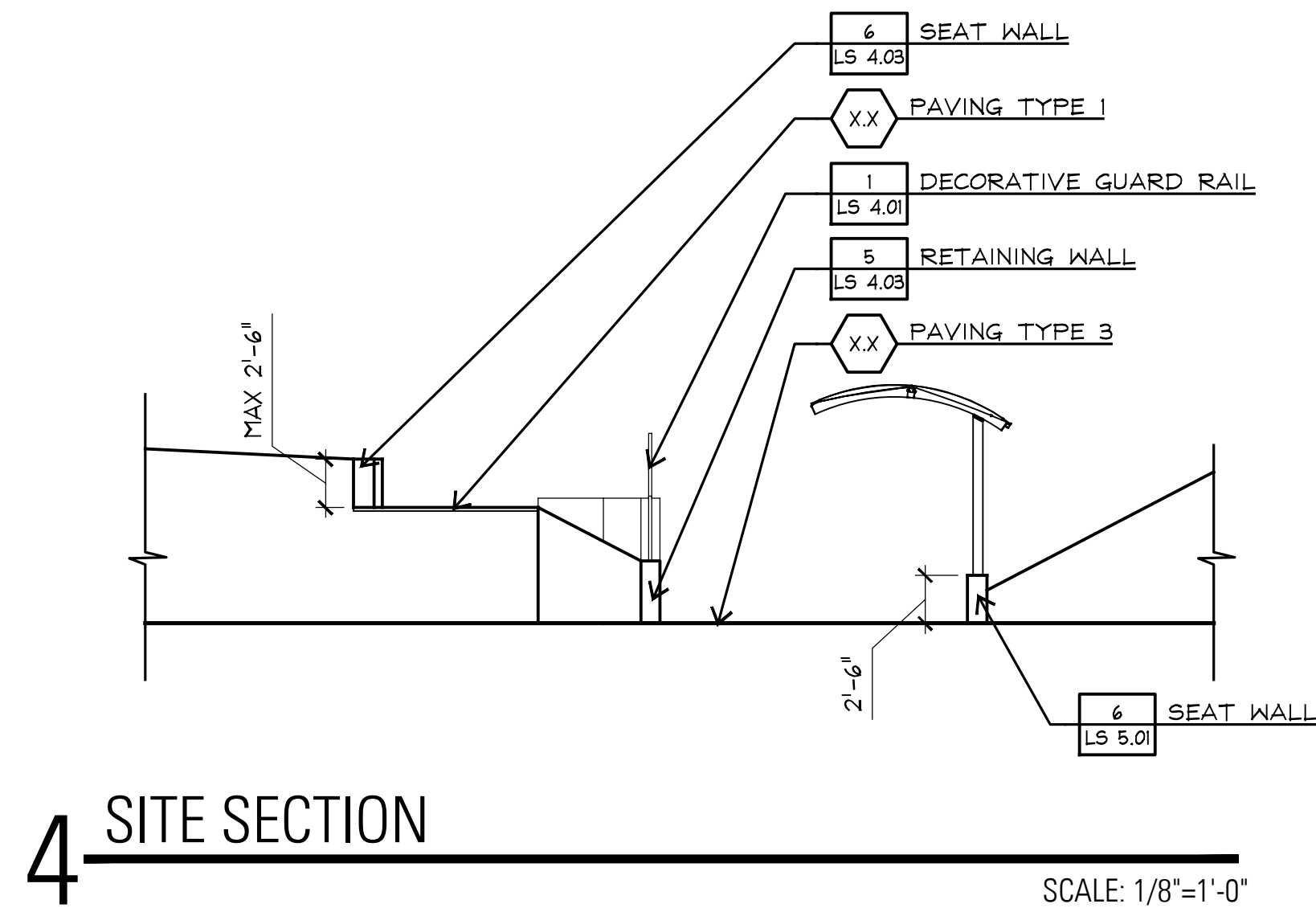
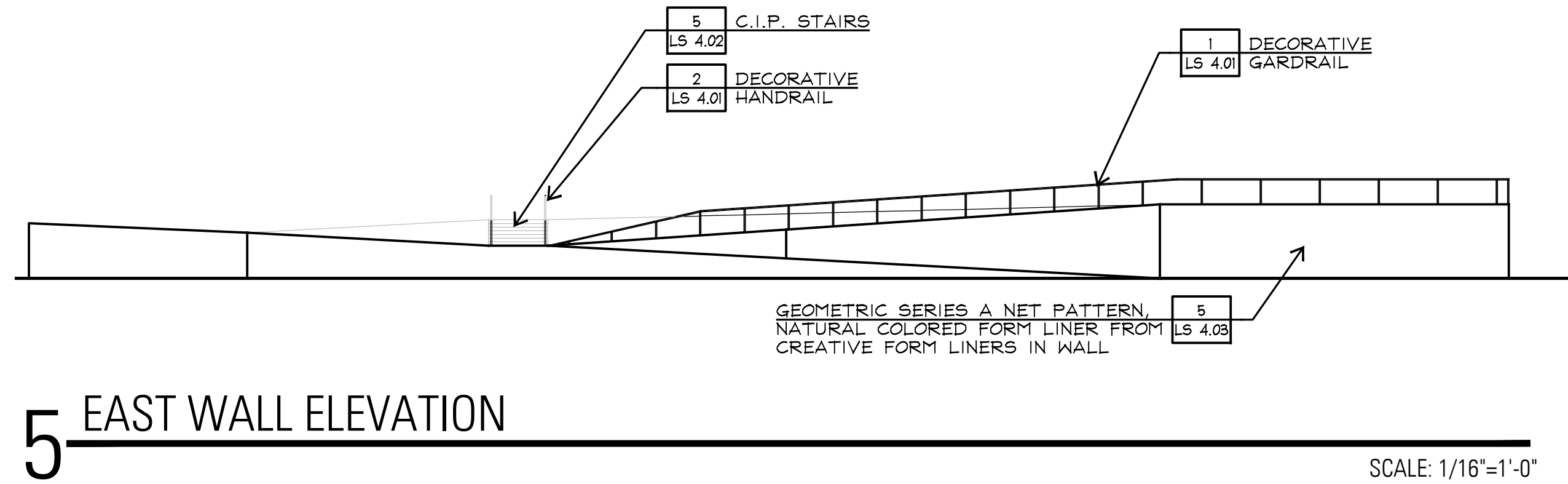
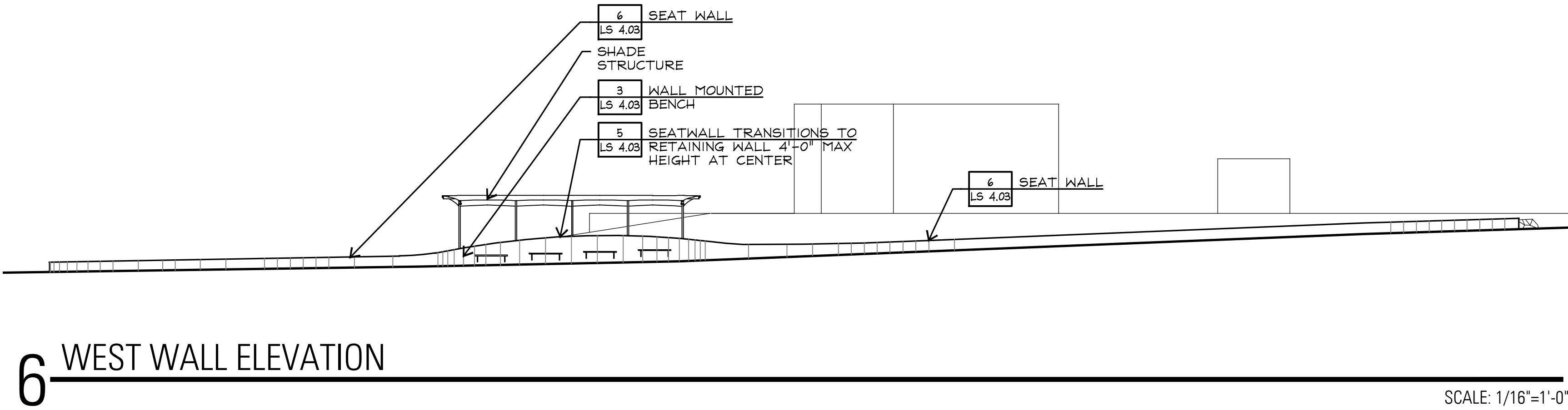
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Orlando, FL 32801
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T B G

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- NOTES:
- RAILING TO BE PRIMED AND PAINTED BLACK; SUBMIT PAINT SAMPLE TO LANDSCAPE ARCHITECT FOR APPROVAL.
 - CONTRACTOR TO VERIFY ALL DIMENSIONS NEEDED FOR GUARDRAIL, AND SUBMIT SHOP DRAWINGS FOR LANDSCAPE ARCHITECT APPROVAL PRIOR TO FABRICATION. INCLUDE DIMENSIONS AND ALL CABLE FASTENING AND TENSIONING HARDWARE FOR REVIEW PRIOR TO PURCHASING.

DRAFT 90% DESIGN DRAWINGS - NOT FOR CONSTRUCTION									
LS 4.01				Project No.: 200-08535-14002			Designed By: PW		
				Drawn By: JL			Checked By: PW		
Client: City of Destin, FL Proj. Loc.: Destin, FL CAPTAIN ROYAL MELVIN - HERITAGE PARK SITE DETAILS				MARK	DATE	DESCRIPTION	BY	Paul Weinberg Florida Registration 666604 TBC Partners 200 S.W. First Avenue Suite 103 Fort Lauderdale, Florida 33301	
								DATE Jun 30, 2017	
							www.cityofdestin.com 4200 Indian Bayou Tr. Destin, FL 32541 Phone: 850.837.4242		
							THE HARBOR CRA DISTRICT 201 East Pine Street, Suite 1000 Orlando, FL 32801 Phone: (407) 839-3955 Fax: (407) 839-3970 www.tetratech.com		
							 TETRA TECH		
							 CITY OF DESTIN FLORIDA		



Friday, June 30, 2017 12:39:47 PM DRAWING: Z:\Heritage Park FL\3981\04.CDX\ref\FL3981\title DWG LAYOUT: MODEL USER NAME: MISAGH HOSSEINZADEH

10 CONCRETE WALK AT BUILDING

SECTION

SCALE: 3"=1'-0"

9 CONTROL JOINT

SECTION

SCALE: 3"=1'-0"

8 EXPANSION JOINT

SECTION

SCALE: 3"=1'-0"

7 CONCRETE WALK

SECTION

SCALE: 1"=1'-0"

6 CONCRETE WALK PLAN

SCALE: 3/8"=1'-0"

SEE FLORIDA SHADE SAILS SPECIFICATIONS FOR ADDITIONAL INFORMATION.

5 RETAINING WALL

SECTION

SCALE: 3/4"=1'-0"

4 CONCRETE SEATWALL

SECTION

SCALE: 3/4"=1'-0"

3 CANTILEVER BENCH TYPE 2

SEE MANUFACTURER SPECIFICATIONS FOR ADDITIONAL INFORMATION.

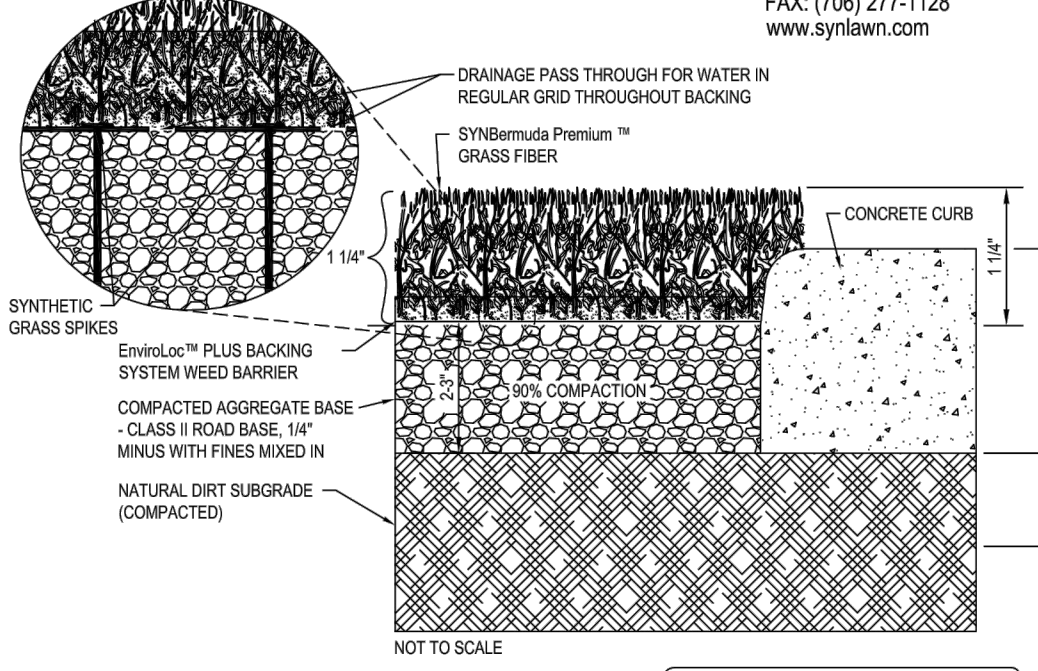
SCALE: 1-1/2"=1'-0"

2 SCULPTURE PAD

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



SYNLAWN®
The synthetic alternative to natural grass



NOT TO SCALE

AT LEAST 4"

SPECIFICATIONS

YARN TYPE: GRASS ZONE™: EPN NYLON HB
YARN TYPE: THATCH ZONE™: TEXTURIZED HIGH BULK NYLON HB
COLOR: TURF GREEN & TURF GREEN
PILE HEIGHT: GRASS ZONE™: 1 1/4"
PILE HEIGHT: THATCH ZONE™: 1 1/4" - 1 1/2"
YARN FACE HEIGHT: 60 OZ
ROLL WIDTH: 15' WIDTH
MAXIMUM DRAIN RATE: >30 INCHES PER HOUR

NOTE: THE GRASS MUST BE INSTALLED AND SEAMED WITH ADJACENT PIECES RUNNING IN THE SAME DIRECTION. SEAMS SHOULD BE GLUED WITH SUITABLE SEAMING GLUE AND SEAMING CLOTH, NOT ADHESIVE TAPE.

NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH SPECIFICATIONS BY FACTORY AUTHORIZED INSTALLERS.
2. DO NOT SCALE DRAWINGS.
3. CONTRACTORS NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info

REFERENCE NUMBER 1437-142

POWER BROOMING:
LAST STAGE OF
INSTALLATION

SECURING THE GRASS TO THE BASE

GALVANIZED FLAT
HEAD SYNTHETIC
GRASS SPIKES 9" TO
12" APART ALONG
PERIMETER.

SYNBermuda
SYNBermuda PREMIUM 200 - INSTALLED OVER AGGREGATED BASE

1437-142
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REVISION DATE 03/16/2012
www.CADdetails.com

1 SYNTHETIC TURF

PRODUCT DATA

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TETRA TECH

www.tetratech.com

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THE HARBOR CRA DISTRICT

Paul Weinberg
Florida Registration 6666604
TBC Partners
200 S.W. First Avenue
Suite 103
Fort Lauderdale, Florida 33301

DATE Jun 30, 2017

BY

DESCRIPTION

MARK

Client: City of Destin, FL
Proj. Loc.: Destin, FL

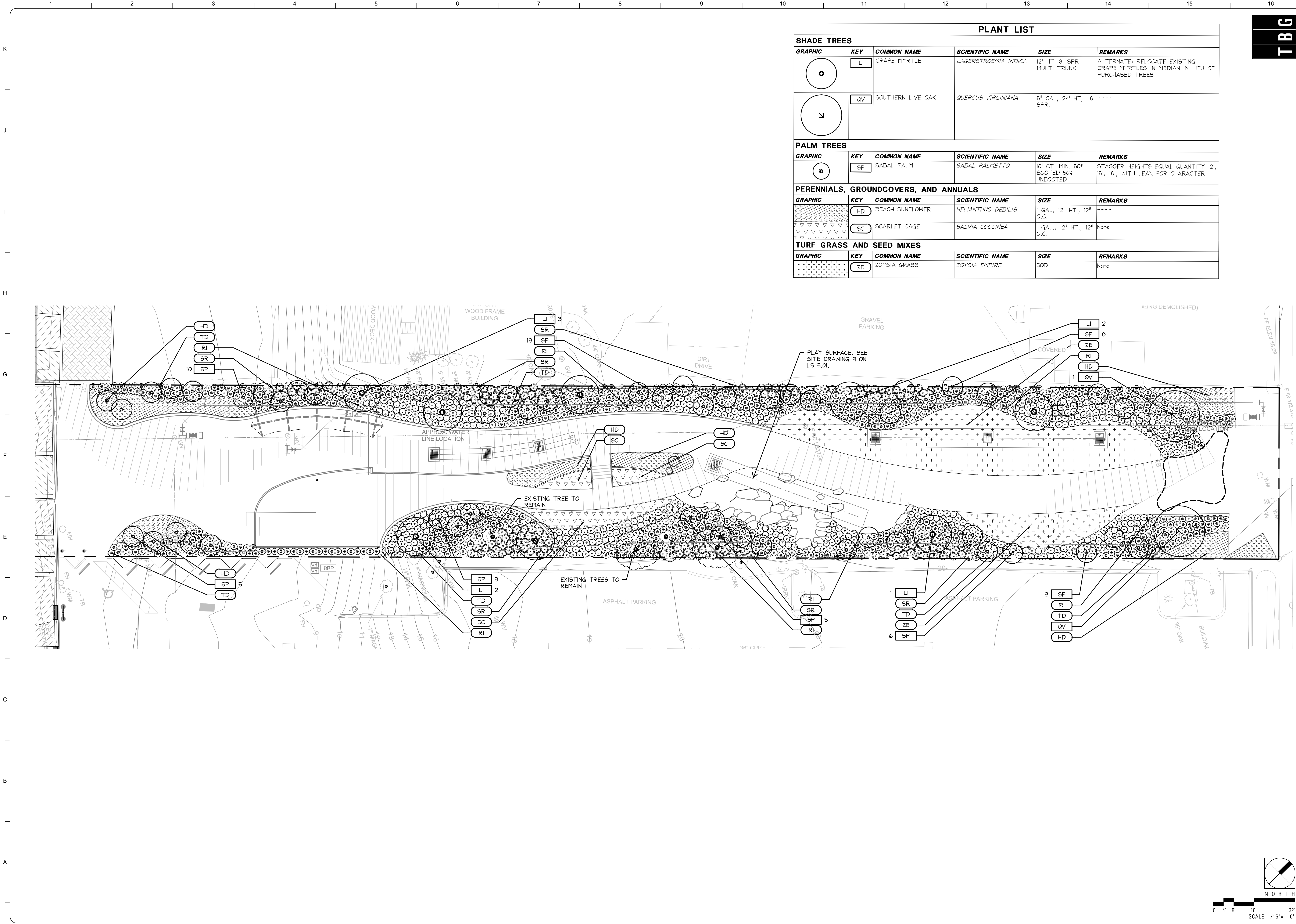
CAPTAIN ROYAL MELVIN - HERITAGE PARK
SITE DETAILS

Project No.: 200-08535-14002
Designed By: PW
Drawn By: JL
Checked By: PW

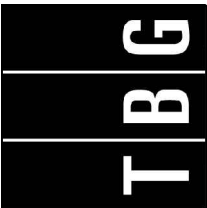
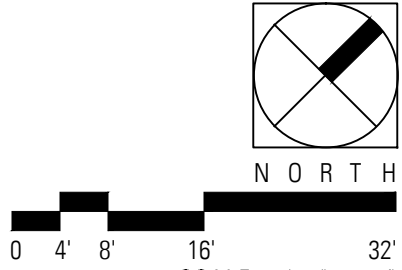
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PLANT LIST					
SHADE TREES					
GRAPHIC	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	REMARKS
	LI	CRAPE MYRTLE	LAGERSTROEMIA INDICA	12' HT. 8' SPR MULTI TRUNK	ALTERNATE: RELOCATE EXISTING CRAPE MYRTLES IN MEDIAN IN LIEU OF PURCHASED TREES
	QV	SOUTHERN LIVE OAK	QUERCUS VIRGINIANA	5" CAL., 24' HT, 8' SPR,	
PALM TREES					
GRAPHIC	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	REMARKS
	SP	SABAL PALM	SABAL PALMETTO	10' CT. MIN. 50% BOOTED 50% UNBOOTED	STAGGER HEIGHTS EQUAL QUANTITY 12', 15', 18', WITH LEAN FOR CHARACTER
PERENNIALS, GROUNDCOVERS, AND ANNUALS					
GRAPHIC	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	REMARKS
	HD	BEACH SUNFLOWER	HELIANTHUS DEBILIS	1' GAL., 12" HT., 12" O.C.	----
	SC	SCARLET SAGE	SALVIA COCCINEA	1' GAL., 12" HT., 12" O.C.	None
TURF GRASS AND SEED MIXES					
GRAPHIC	KEY	COMMON NAME	SCIENTIFIC NAME	SIZE	REMARKS
	ZE	ZOYSIA GRASS	ZOYSIA EMPIRE	SOD	None



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FLORIDA

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Fort Lauderdale, Florida 33301

BY

DATE

Jun 30, 2017

Client: City of Destin, FL
Proj. Loc.: Destin, FL

CAPTAIN ROYAL MELVIN - HERITAGE PARK
PLANTING PLAN

Project No.: 200-08535-14002
Designed By: PW
Drawn By: JL
Checked By: PW

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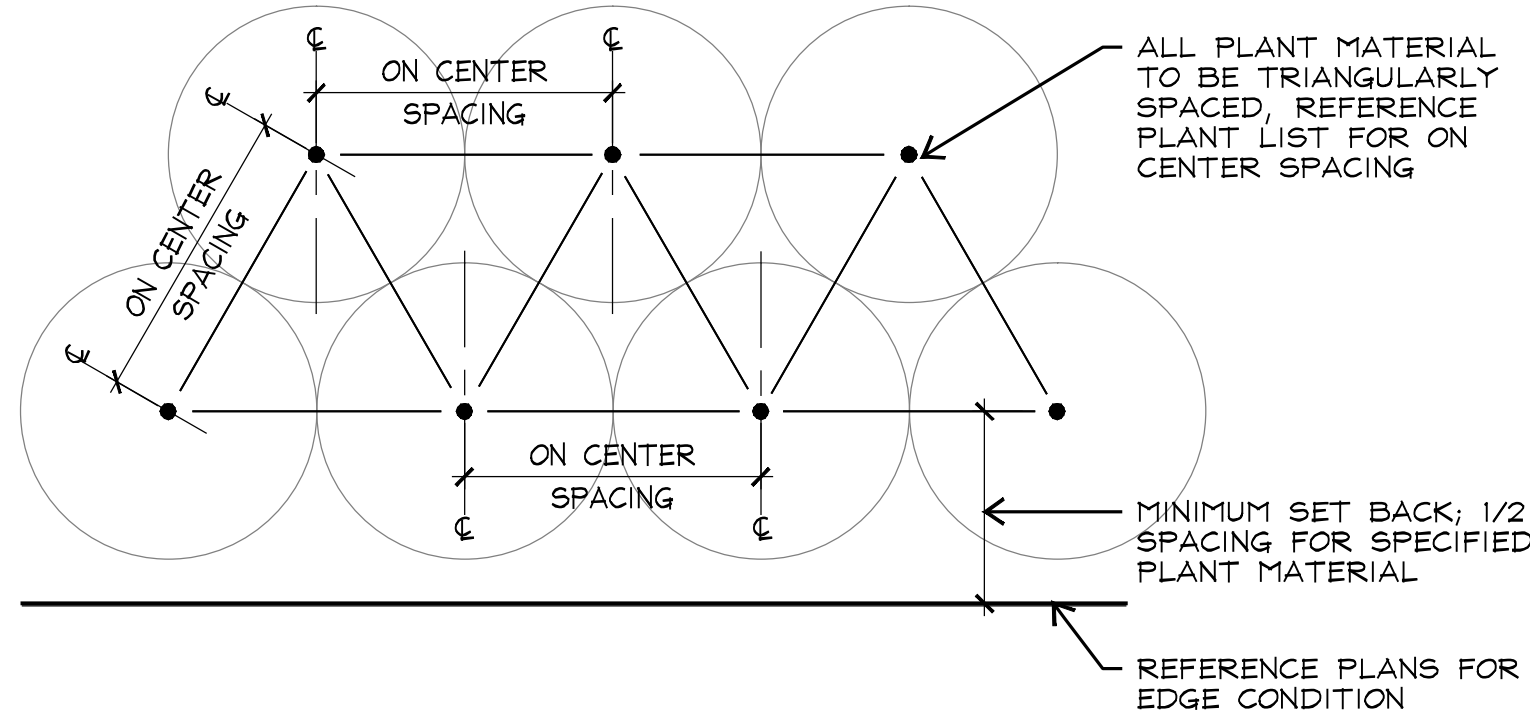
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6 PLANT SPACING DIAGRAM

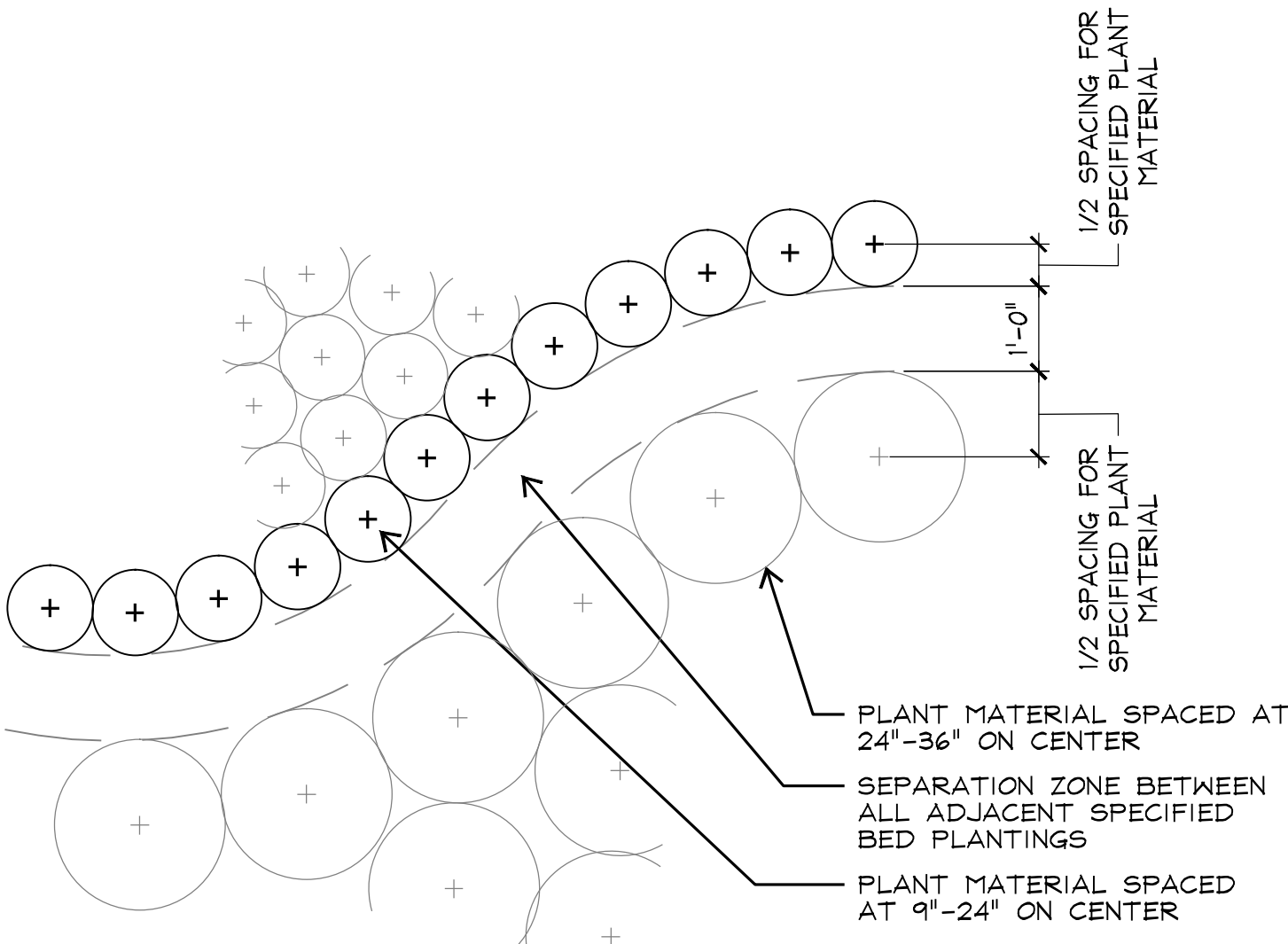
PLAN NOT TO SCALE



7 PLANT SPACING DIAGRAM - ALONG A CURVE

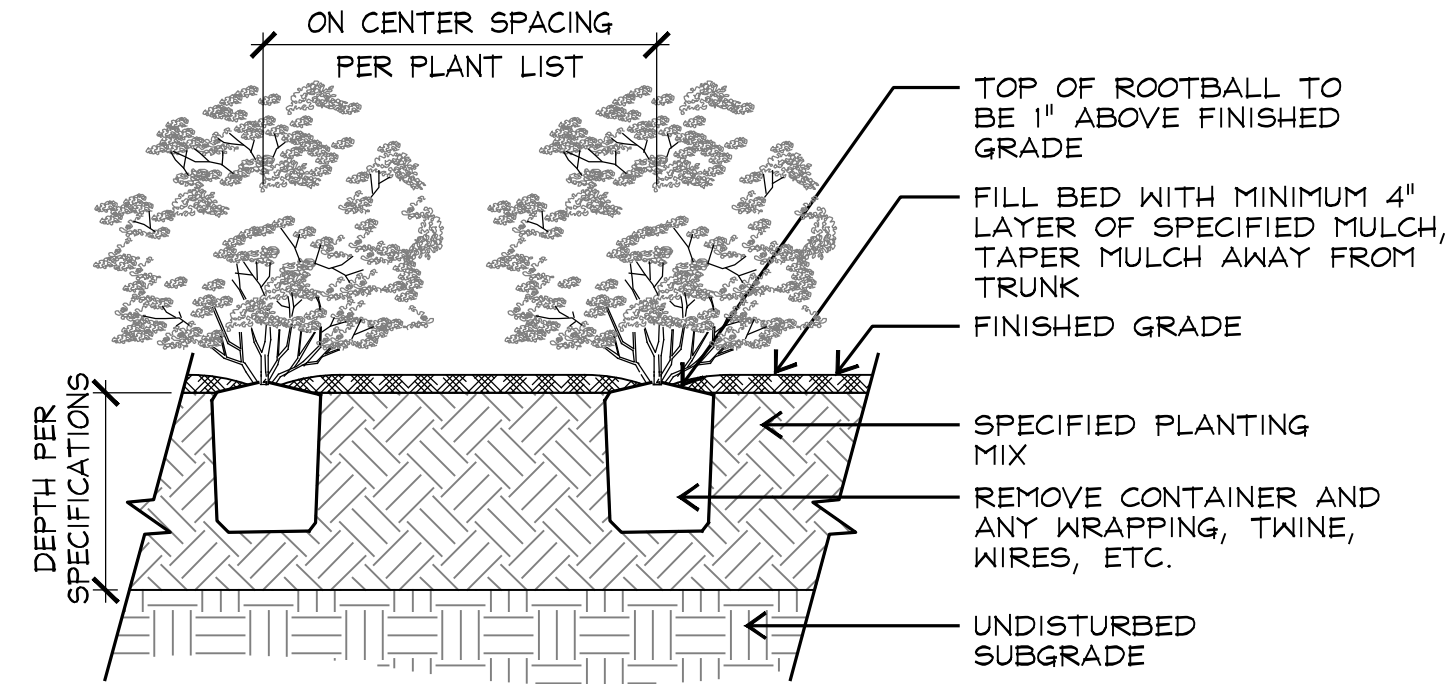
PLAN NOT TO SCALE

NOTE: THIS DETAIL IS DRAWN TO SHOW THE INTENDED PLANTING LAYOUT OF ADJACENT SHRUB BEDS ALONG CURVES. CONTRACTOR TO PLANT ALL PERIMETER OF BED AREAS AS SHOWN AND THEN PLANT THE REMAINDER OF THE BED TRIANGULARLY AT THE SPECIFIED SPACING.



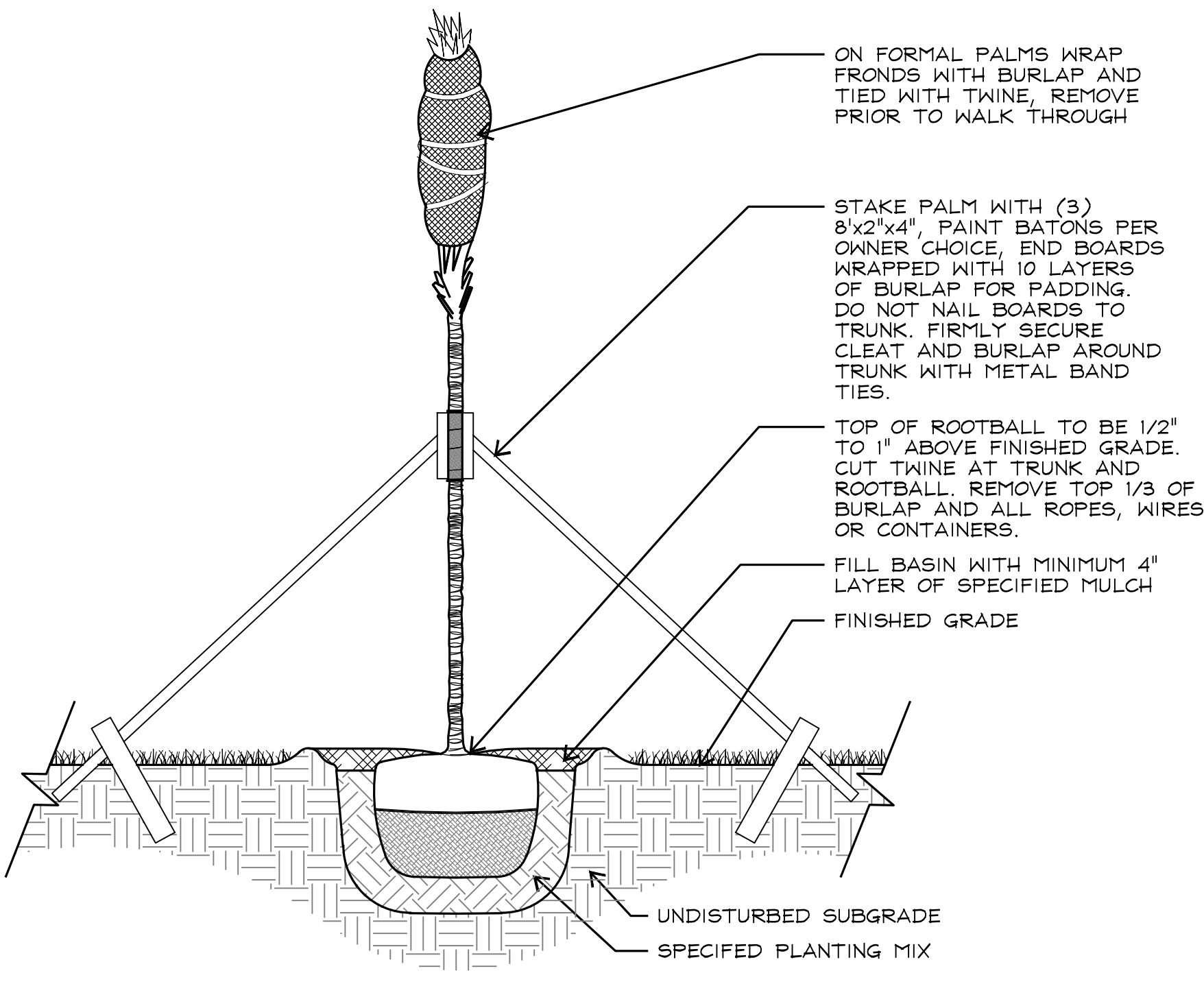
8 SHRUB PLANTING

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



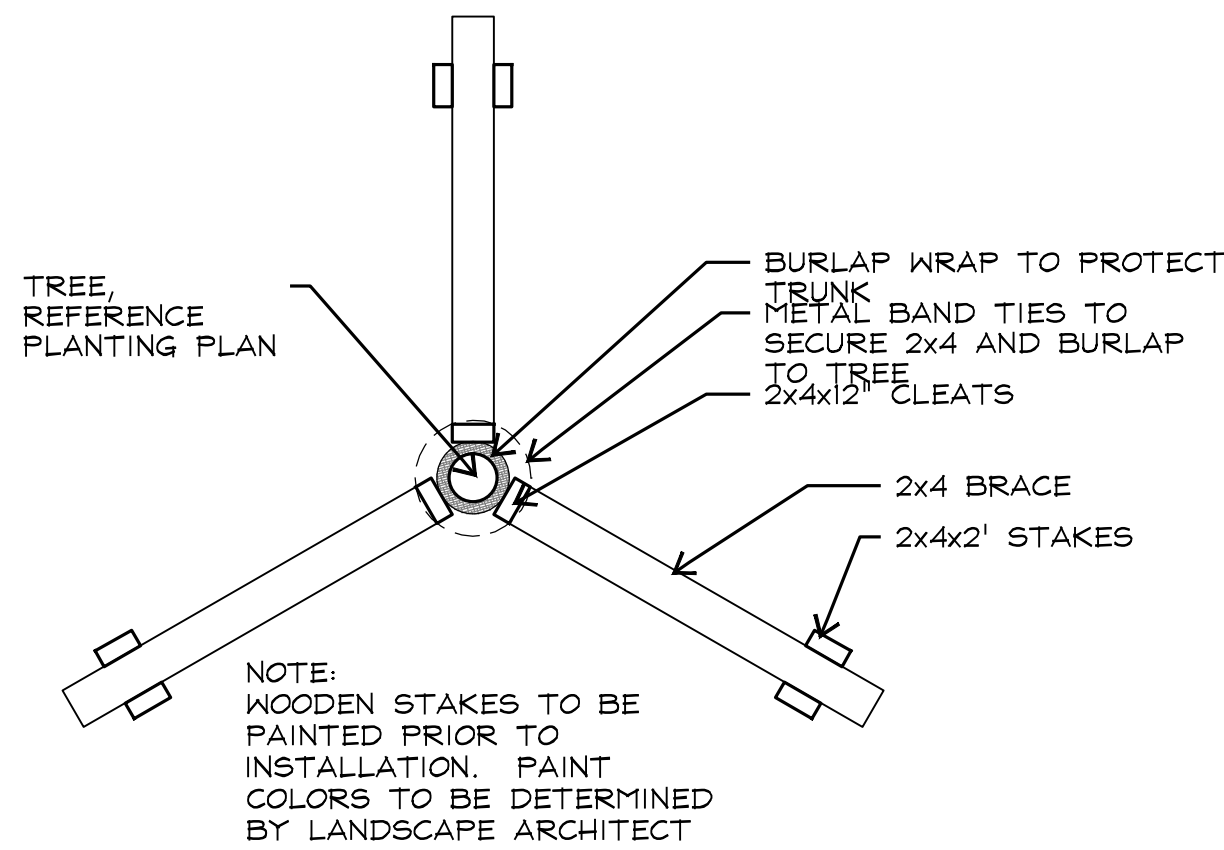
3 PALM TREE PLANTING

SECTION NOT TO SCALE



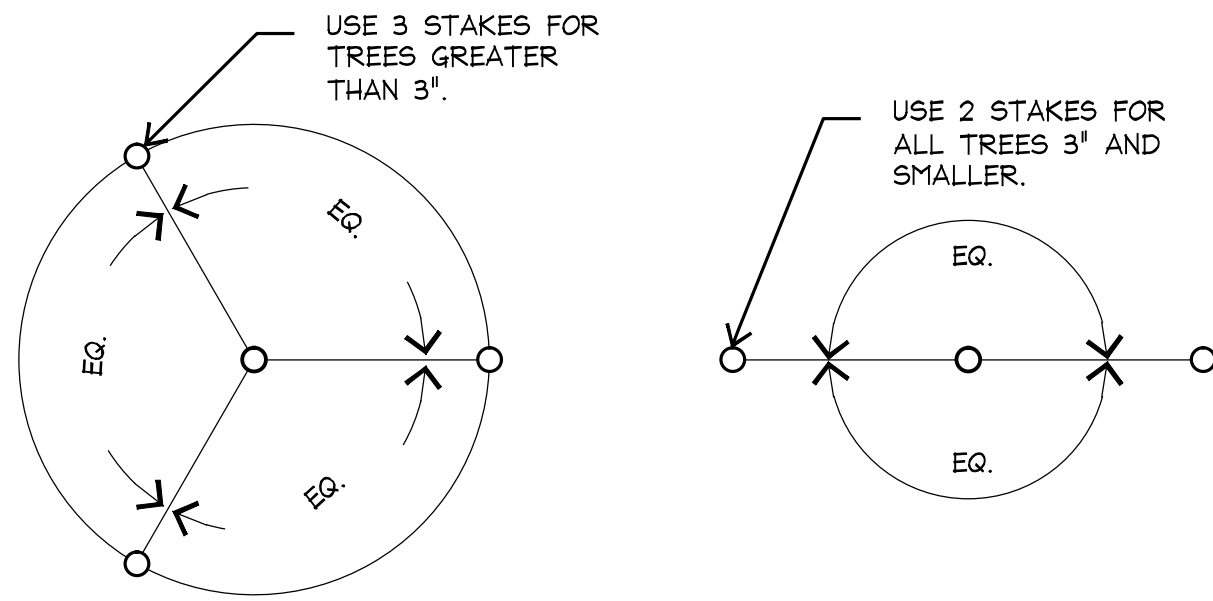
4 PALM TREE STAKING

PLAN NOT TO SCALE



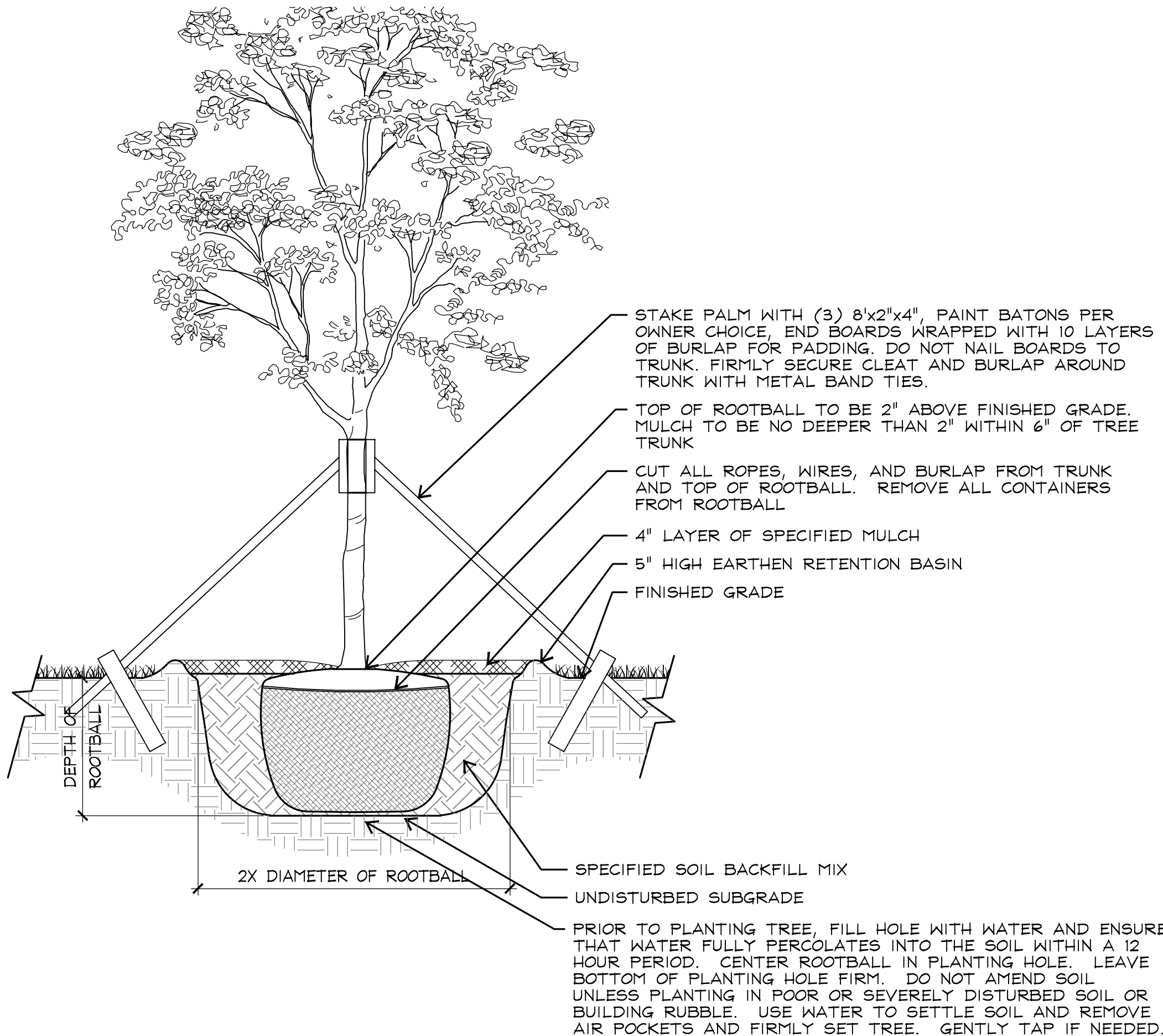
5 TREE STAKING LAYOUT

PLAN NOT TO SCALE



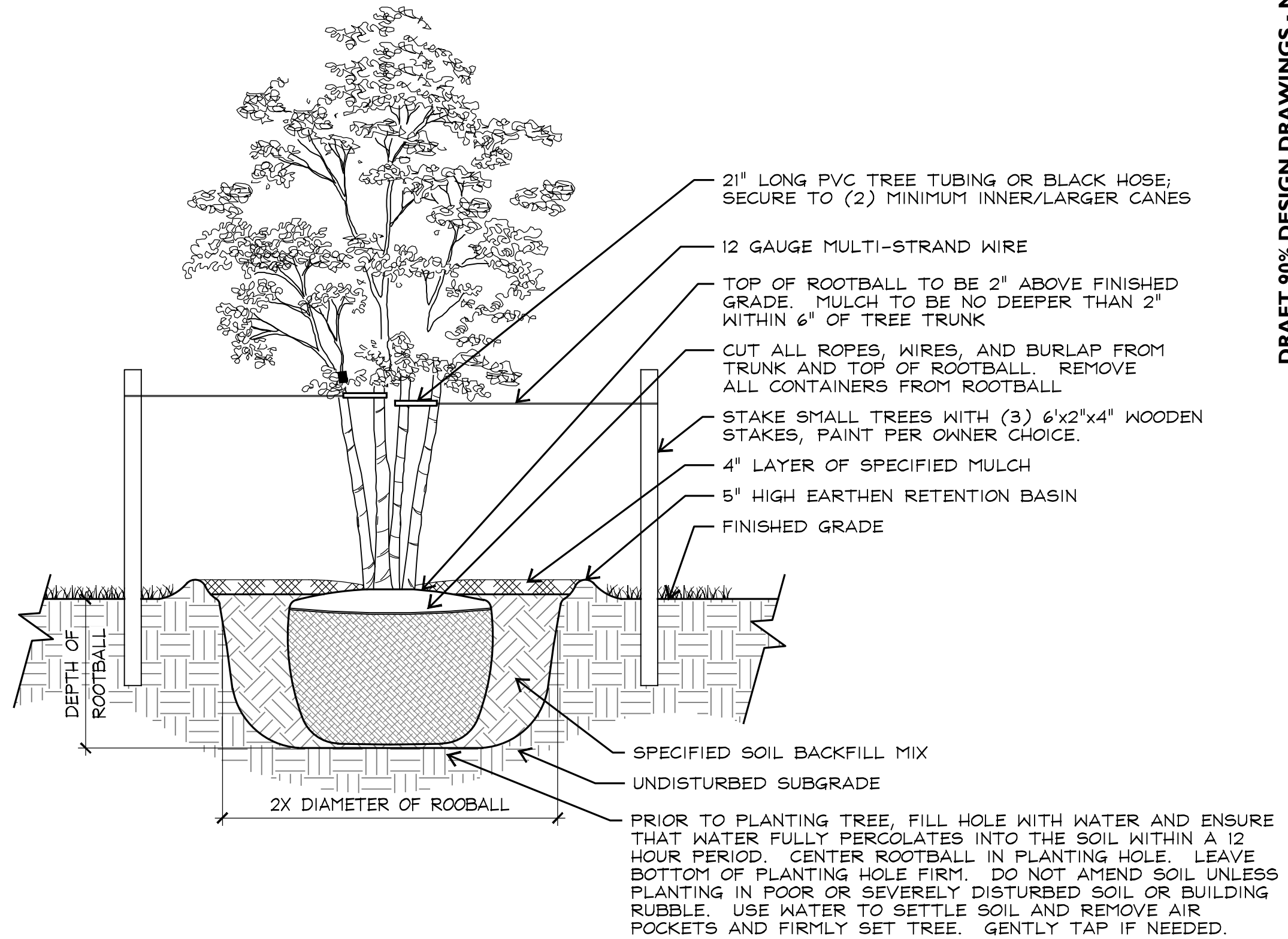
1 TREE PLANTING - STANDARD TRUNK

SECTION NOT TO SCALE



2 TREE PLANTING - MULTI TRUNK

SECTION NOT TO SCALE



TB G

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DATE
Jun 30, 2017

Client: City of Destin, FL
Proj. Loc.: Destin, FL

CAPTAIN ROYAL MELVIN - HERITAGE PARK
PLANTING DETAILS

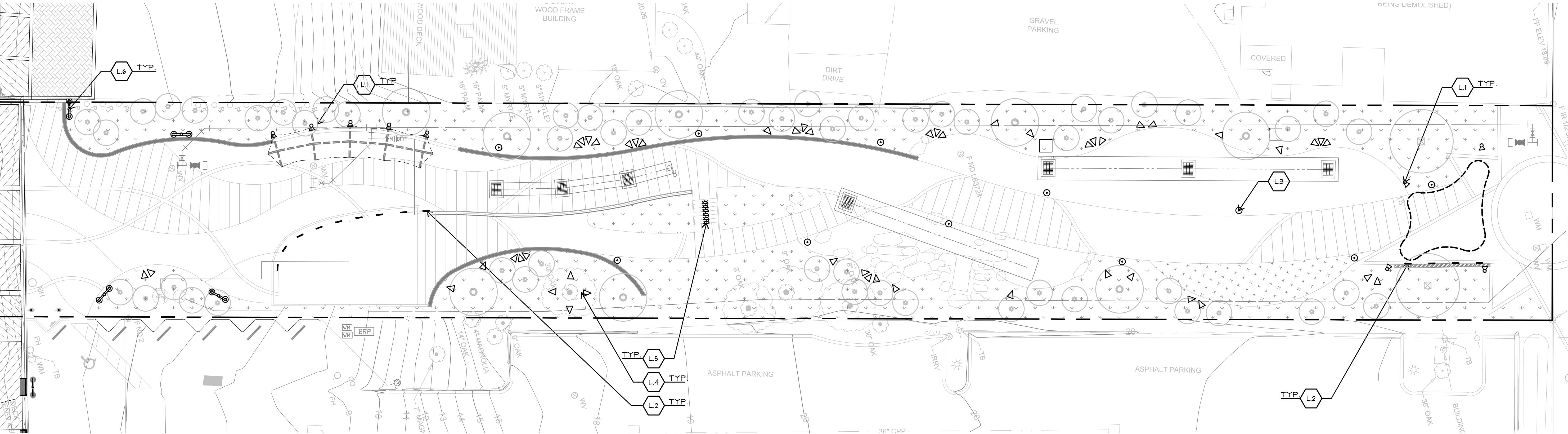
Project No.: 200-08535-14002
Designed By: PW
Drawn By: JL
Checked By: PW

LP 2.01

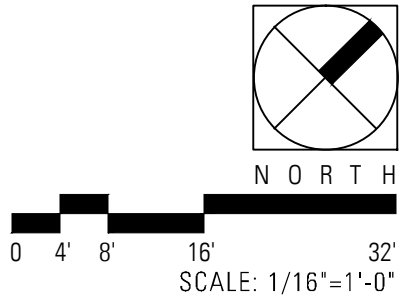
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K
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B
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LIGHTING				
SYMBOL	KEY	DESCRIPTION/MODEL NUMBER	COLOR	FINISH
	L.1	POLE MOUNTED UPLIGHT - 1E2847-FL-4000K	FERRITE	STANDARD
	L.2	IN-GRADE WALL UPLIGHT - 6360-NF-70PMH120-SR10	DIE-CAST BRASS	STANDARD
	L.3	PEDESTRIAN LEVEL LIGHT - LPLCO-512-4000K	STAINLESS STEEL	SATIN; DURABLE POWDERCOAT FINISH
	L.4	BULLET UPLIGHT - 1E2845-FL-4000K	FERRITE	STANDARD
	L.5	STEP LIGHT - 33168K4-IP65	BLACK	GRAPHITE
	L.6	DUAL ARM DOWNLIGHT	TO MATCH CITY STANDARD	TO MATCH CITY STANDARD



T
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G

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BY

Project No.: 200-08535-14002

Designed By: PW

Drawn By: JL

Checked By: PW

Client: City of Destin, FL
Proj. Loc.: Destin, FL

CAPTAIN ROYAL MELVIN - HERITAGE PARK
LIGHTING PLAN

LL 1.00



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Phone: 850.837.4242

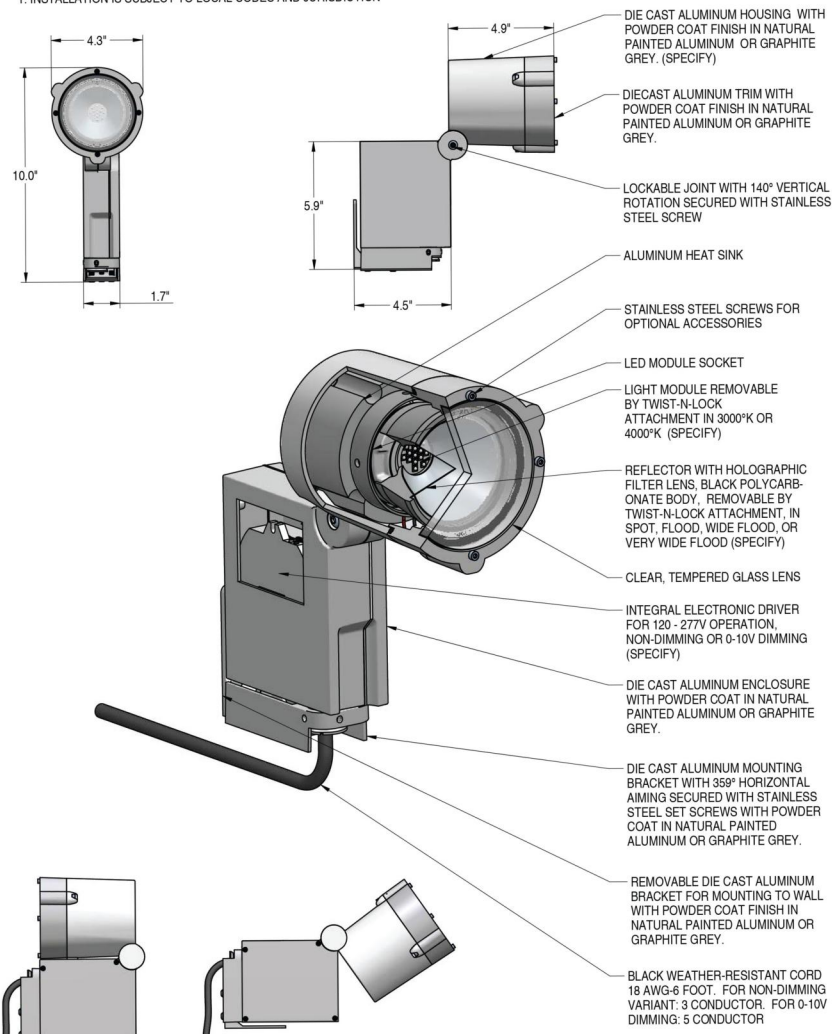
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NANO PYROS LED

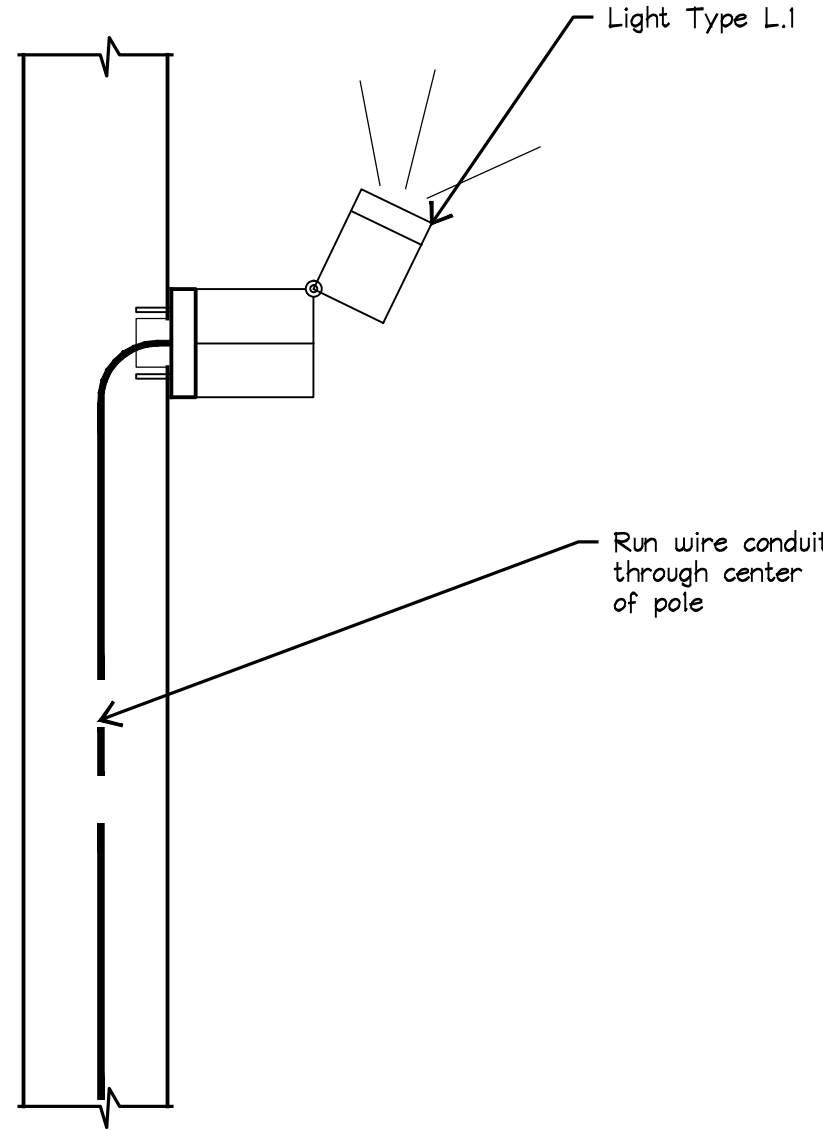
Type: _____
Project: _____
Catalog Number: _____

NOTES:
1. INSTALLATION IS SUBJECT TO LOCAL CODES AND JURISDICTION.

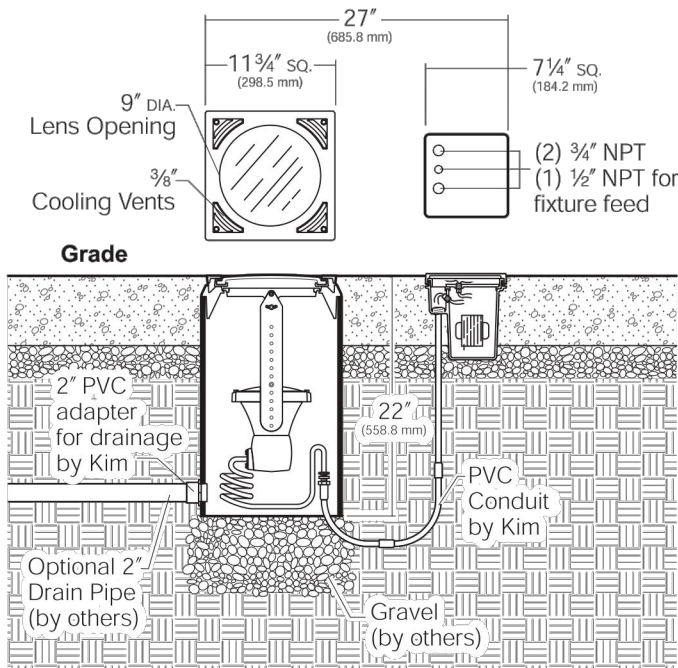


LED technology is rapidly changing. LEDs are made in lots and sorted into bins based on wavelength ranges that achieve colors. Products ordered at different times may not have the same color appearance.

TARGETTI Targetti Poulben USA Inc., 3280 Meridian Parkway, Fort Lauderdale, FL 33331 Telephone (954) 349-2525 Fax: (954) 349-2559
www.targettiusa.com



6360 Cool-Lens Well Light



Listings and Ratings		
UL cUL 1598*	-	25C Ambient
IP68 Rated	CE	

*Suitable for wet locations.

BULLET LIGHT DETAIL

NOT TO SCALE

POLE MOUNTED BULLET LIGHT DETAIL

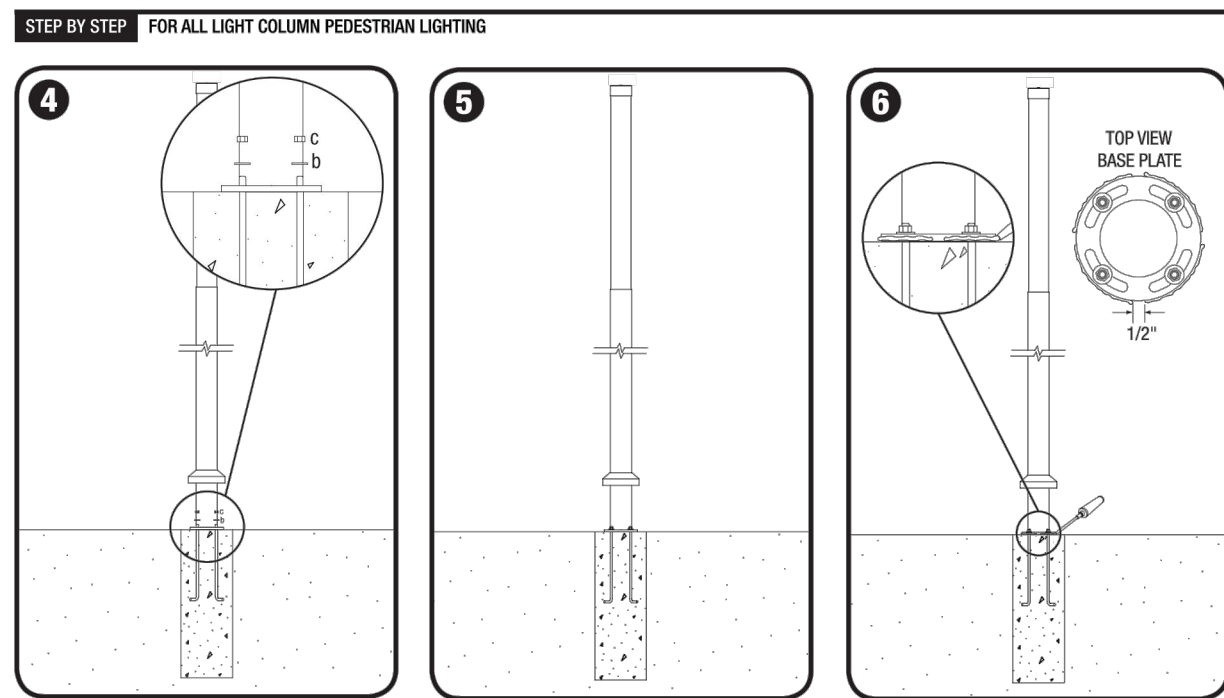
SCALE: 1-1/2"=1'-0"

IN-GRADE WELL UPLIGHT DETAILS

NOT TO SCALE

LIGHT COLUMN PEDESTRIAN

SURFACE MOUNT INSTALLATION INSTRUCTIONS



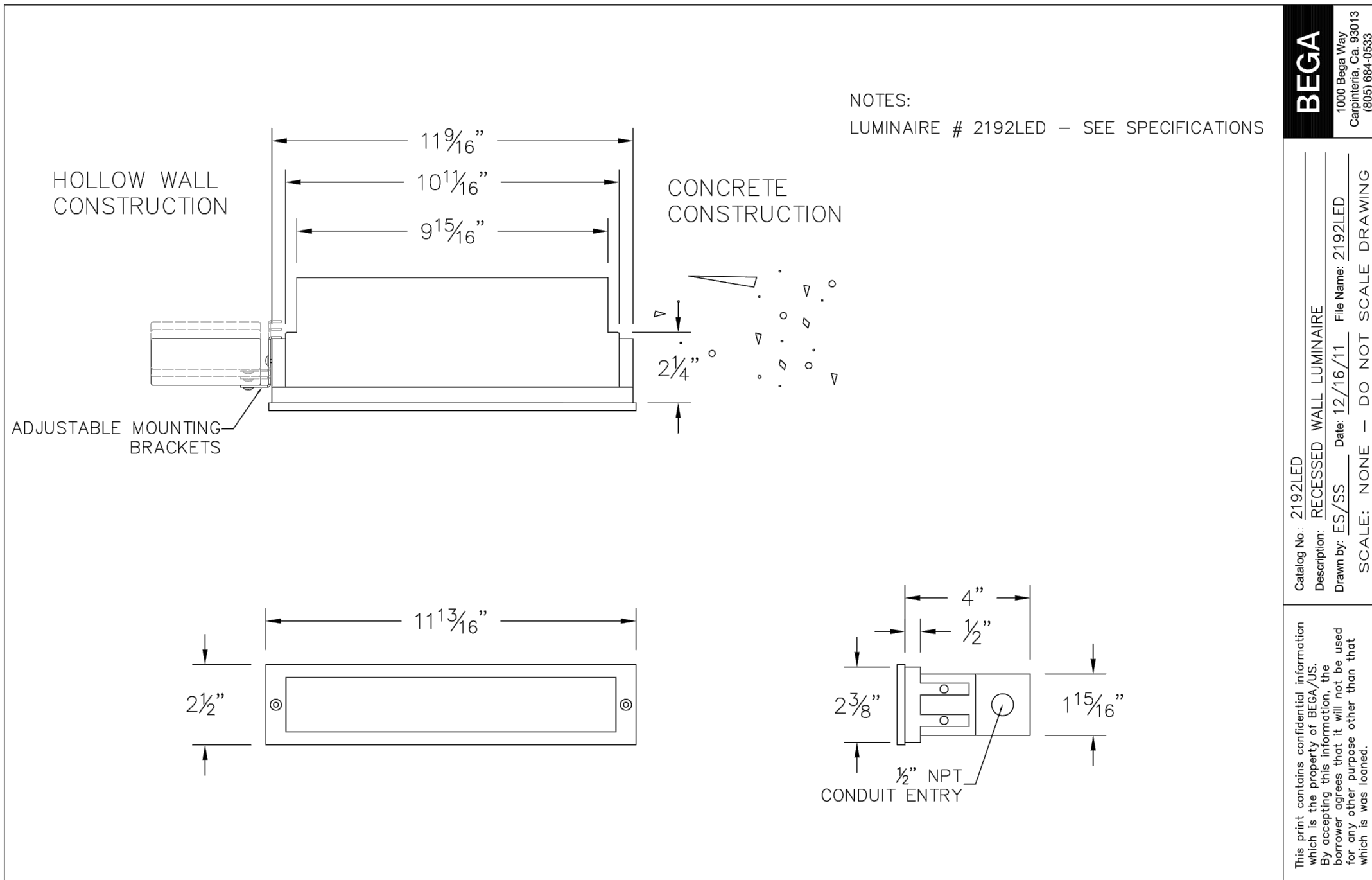
- Attach pedestrian**
- Slide 1/2" washer (b), then thread 1/2"-13 nut (c) onto each J-bolt anchor.
- Tighten nuts**
- Use 3/4" socket and socket wrench to tighten all nuts until snug.
- Attach escutcheon cover (optional)**
- Apply a thick bead of silicone RTV sealant around the vertical edge of the base plate.
 - NOTE: Leave four 1/2" gaps to allow for water drainage.
 - Lower escutcheon cover to ground level and wipe away any excess sealant.

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page 2 of 3 | Rev. 09-25-13

PEDESTRIAN LIGHT DETAILS

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STEP LIGHT DETAILS

SCALE: 3"=1'-0"

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BY _____
DATE _____

MARK _____
DATE _____

Client: City of Destin, FL
Proj. Loc.: Destin, FL
CAPTAIN ROYAL MELVIN - HERITAGE PARK
LIGHTING DETAILS

Project No.: 200-08535-14002
Designed By: PW
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Checked By: PW

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