HENRY LEE PARK PAVILION

PUBLIC WORKS DEPARTMENT TECHNICAL SERVICES

950 BELLEVUE AVENUE DAYTONA BEACH, FL 32114

P 386 671 8610

THE CITY OF DAYTONA BEACH

BRENT COHEN, ARCHITECT FL LICENSE # AR93854

JAMES V. CHISHOLM CITY MANAGER PUBLIC WORKS DIRECTOR ANDREW HOLMES DAVID WALLER DEPUTY PUBLIC WORKS DIRECTOR FRANK VAN PELT TECHNICAL SERVICES DIRECTOR JIM NELSON, P.E. CITY ENGINEER CITY ARCHITECT **BRENT COHEN**

INDEX OF DRAWINGS SHEET

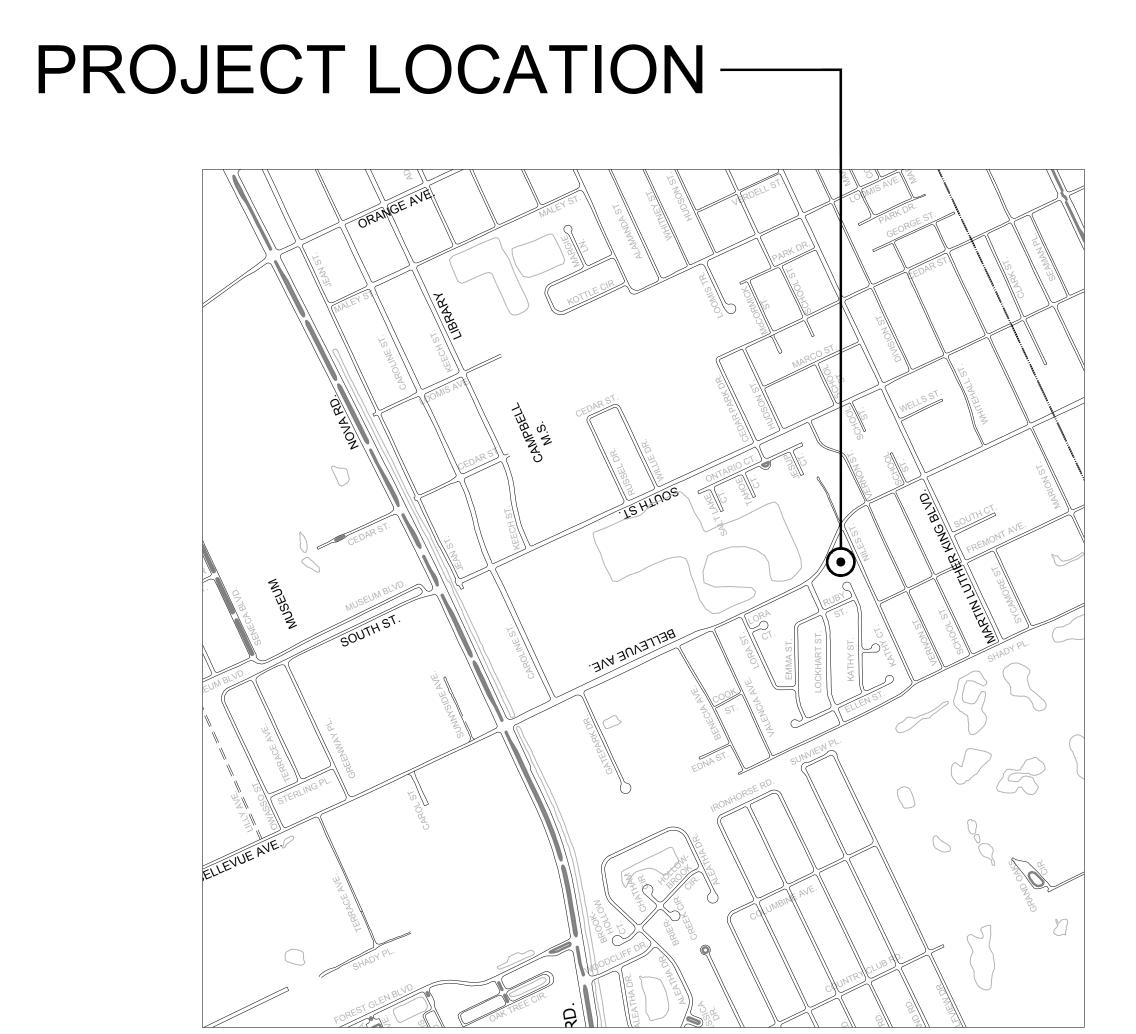
COVER SHEET A0.1 A0.2 PROJECT INFORMATION

ARCHITECTURAL

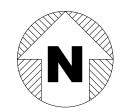
SITE PLAN A1.2 A2.1 PAVILION FLOOR PLAN + RCP A2.2 PAVILION DETAILS

STRUCTURAL

S-001 GENERAL STRUCTURAL NOTES S-101 PLANS, SECTIONS, AND DETAILS







ISSUE	DATE
BID SET	4.15.20

PAVILION FOR HENRY LEE PARK

701 BELLEVUE AVE. DAYTONA BEACH, FL 32114

AS NOTED BCC BCC 2019-010 SCALE: DRAWN: CHECKED

A0.1

THE CITY OF DAYTONA BEACH



PUBLIC WORKS DEPARTMENT TECHNICAL SERVICES

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ISSUE

BID SET

DATE

4.15.20

BRENT COHEN, ARCHITECT FL LICENSE # AR93854

GENERAL NOTES

GENERAL

1. ALL WORK TO BE PROVIDED BY CONTRACTOR UNLESS IT IS SPECIFICALLY NOTED TO BE DONE BY OTHERS.

SAFETY

CODES: CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES IN FORCE AT THE TIME OF CONSTRUCTION.

WORK PRACTICES

- 1. MATERIALS: ALL MATERIALS ARE ASSUMED TO BE NEW (U.O.N.).
- 2. SUBCONTRACTOR COORDINATION: CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THEIR SUBCONTRACTORS AND FOR THE SCHEDULING + COORDINATION OF WORK INDICATED ON THE DRAWINGS TO BE DONE BY OTHERS.
- 3. LAYOUT: CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO STARTING WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES DISCOVERED.
- SERVICE SHUTDOWNS: CONTRACTOR TO NOTIFY THE OWNER & LANDLORD (48) HOURS IN ADVANCE OF SERVICE SHUTDOWNS. CONTRACTOR TO OBTAIN THE OWNER AND LANDLORD'S PERMISSION TO SHUTDOWN ANY BUILDING SERVICE.
- 5. SITE CLEANING: CONTRACTOR TO CLEAN PREMISES AND REMOVE DEBRIS ON A REGULAR BASIS.
- UNEXPECTED CONDITIONS: CONTRACTOR TO NOTIFY ARCHITECT OF ANY CONDITIONS WHICH ARE UNCOVERED WHICH DIFFER FROM WHAT IS SHOWN ON THESE DRAWINGS.
- 7. CONTRACTOR TO COMPLY WITH LANDLORD WORK RULES

DRAWING SPECIFICITY

- 1. IT IS NOT THE INTENT OF THESE DRAWINGS TO SHOW EVERY NAIL, SCREW, BOLT AND CONNECTION ETC. REQUIRED TO INSTALL A GIVEN ITEM. THE CONTRACTOR IS TO MAKE REASONABLE ASSUMPTIONS AS TO MISCELLANEOUS ITEMS WHICH ARE REQUIRED TO INSTALL ITEMS NOTED ON THESE DRAWINGS.
- 2. CONTRACTOR TO PROVIDE NECESSARY BACKING, BLOCKING AND FRAMING FOR LIGHT FIXTURES, ELECTRICAL FIXTURES AND OTHER ITEMS REQUIRING SAME.
- 3. DIMENSIONS: HORIZONTAL DIMENSIONS ARE FROM FINISHED SURFACE TO FINISHED SURFACE U.O.N. VERTICAL DIMENSIONS ARE FROM TOP OF SLAB U.O.N. DRAWINGS ARE NOT TO BE SCALED.
- 4. NOT ALL SYMBOLS SHOWN ARE USED.

PROJECT DATA

PROJECT ADDRESS 701 BELLEVUE AVENUE DAYTONA BEACH, FL 32115

PARCEL NUMBER 53339-03-87-0021

LEGAL DESCRIPTION

TRIANGLE S & E OF ROAD BEING 479.7 FT ON S LINE & 391 1/2 FT ON E LINE OF LOT 2 BLK 87 BERNES DAYTONA

PROJECT DESCRIPTION

ADDITION OF ONE STANDALONE STEEL PARK PAVILIONS WITH ASSOCIATED CONCRETE SLAB **AUTHORITY HAVING JURISDICTION** CITY OF DAYTONA BEACH

ZONING

R1C

CONSTRUCTION TYPE

TYPE-IIB

MAX BUILDING HT

35 FEET

OCCUPANCY

TYPE GROUP B FOR PAVILIONS

OCCUPANT LOAD

PER TABLE 1004.1.2 OF THE 2017 FBC

300SF PER OCCUPANT FOR RESTROOM / UTILITY SPACE

15 SF PER OCCUPANT FOR PAVILION SPACE

449/15 = 29 OCCUPANTS (PAVILION)

REQUIRED EXITS

N/A

FIRE-PROTECTION

N/A

PROJECT AREAS

TOTAL AREA OF NEW WORK = 449 SF (PAVILION)

ENERGY & ENVELOPE INFORMATION

APPLICABLE CODES

OCCUPANCY CLASSIFICATION (SECTION 302 / 307)

GROUP U

ALLOWABLE HEIGHT AND BUILDING AREA (TABLE 503)

NO MODIFICATIONS OF EXISTING BUILDING FOOTPRINT OR CAPACITY IS PROPOSED

TYPE OF CONSTRUCTION (SECTION 602)

TYPE IIB

BUILDING AREA TABULATION:

EXTERIOR PAVILIONS = 449 S.F.

TOTAL = 449 S.F.

APPLICABLE CODES FOR: STATE OF FLORIDA

· FLORIDA BUILDING CODE, 2017 EDITION NATIONAL ELECTRICAL CODE, 2011 EDITION FLORIDA ACCESSIBILITY CODE, 2017 EDITION

COMPLIANCE STATEMENT:

PLANS HAVE BEEN PREPARED IN COMPLIANCE WITH THE 2017 FLORIDA BUILDING CODE EDITION

PROJECT TEAM

OWNER CITY OF DAYTONA BEACH

ARCHITECT **BRENT COHEN** 950 BELLEVUE AVENUE P.O. BOX 2451 DAYTONA BEACH, FL 32115-2451 PHONE: (386) 671-8617 E-MAIL: COHENB@CODB.US

STRUCTURAL ENGINEER GRAEF 2300 MAITLAND CENTER PARKWAY MAITLAND, FL 32751

BRENT COHEN

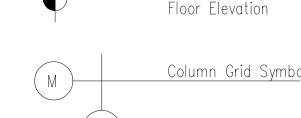
GENERAL CONTRACTOR

PHONE: (407) 659-6500

GRAPHICS

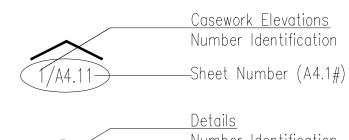
North Arrow

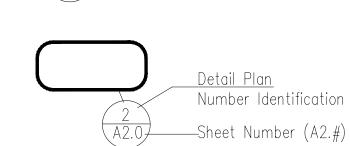
Datum or Bench Mark

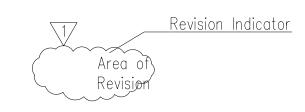


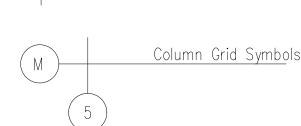
<u>Wall Type</u> Number Identification



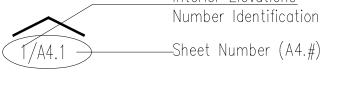


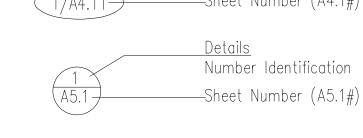


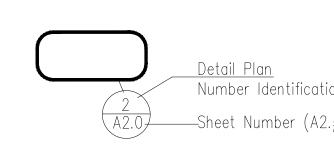




Number Identification







701 BELLEVUE AVE. DAYTONA BEACH, FL 32114

PAVILION FOR

HENRY LEE

PARK

SCALE: DRAWN: CHECKED PROJECT NO:

BCC 2019-010

AS NOTED

BCC

4 BEAM CANTILEVER BEAM STANDING SEAM METAL ROOF OVER PEEL AND STICK MEMBRANE OVER PLYWOOD SHEATHING PER STRUCTURAL 1 A2.2 STEEL CHANNELS PER STRUCTURAL W SHAPE GIRDER (REFER TO STRUCTURAL FOR SIZING) BOTTOM OF GIRDER @ COLUMN - 1/4" STAINLESS STEEL CABLE AND STAINLESS TURNBUCKLE PER STRUCTURAL. WELD TABS TO STIFFENER PLATES, SUBMIT SHOP DRAWING (HIGH SIDE OF COLUMN) FOR APPROVAL. SEE RCP FOR LAYOUT COLUMN PERPENDICULAR TO ROOF STRUCTURE AS SHOWN -STIFFENER PLATES @ EACH SIDE WELDED TO FLANGES AT TOP OF COLUMNS PER STRUCTURAL (ALIGN PLATES WITH COLUMN FLANGES AS SHOWN) BOTTOM OF GIRDER AT LOW SIDE OF COLUMN STREE - W SHAPE COLUMN PER STRUCTURAL (NOTE VERTICAL ORIENTATION) TOP OF SLAB - 6" SLAB PER STRUCTURAL FOOTINGS AND CONNECTIONS, SEE STRUCTURAL 12'-0" NILES BOTT. OF FOOTING CENTER OF FOOTINGS (E) FENCING PAVILION SECTION 1/4" = 1'-0" (E) PLAYGROUND AREA OF WORK - PAVILION LOCATION (EXACT PLACEMENT TO BE DETERMINED IN FIELD) TWO 84" PICNIC TABLES, SEE SCHEDULE ON SHEET A2.1 ±1400 SF 6" CONCRETE WITH ROTATED 24" X 24" TOOLED JOINTS AS SHOWN. (E) SIDEWALKS TO REMAIN (E) ON STREET PARKING AREAS TO REMAIN (E) PLANTING AREA TO REMAIN HENRY LEE PARK (E) SWINGSET BRING TWO (20A) CIRCUITS IN 1" CONDUIT OFF EXISTING ELECTRICAL PANEL FOR PAVILION MOUNTED LIGHTS AND OUTLET. ALL EXPOSED CONDUIT TO BE 3/4" ALUMINUM AND LEFT UNPAINTED ON SOUTHWEST COLUMN ** INSTALL TIMER FOR OUTLET CIRCUIT IN ELEC. PANEL LOCATION ** **SEE MATERIAL SCHEDULE ON SHEET A2.1** A SITE FURNISHINGS

SITE PLAN

SCALE: 1/32" = 1'-0"

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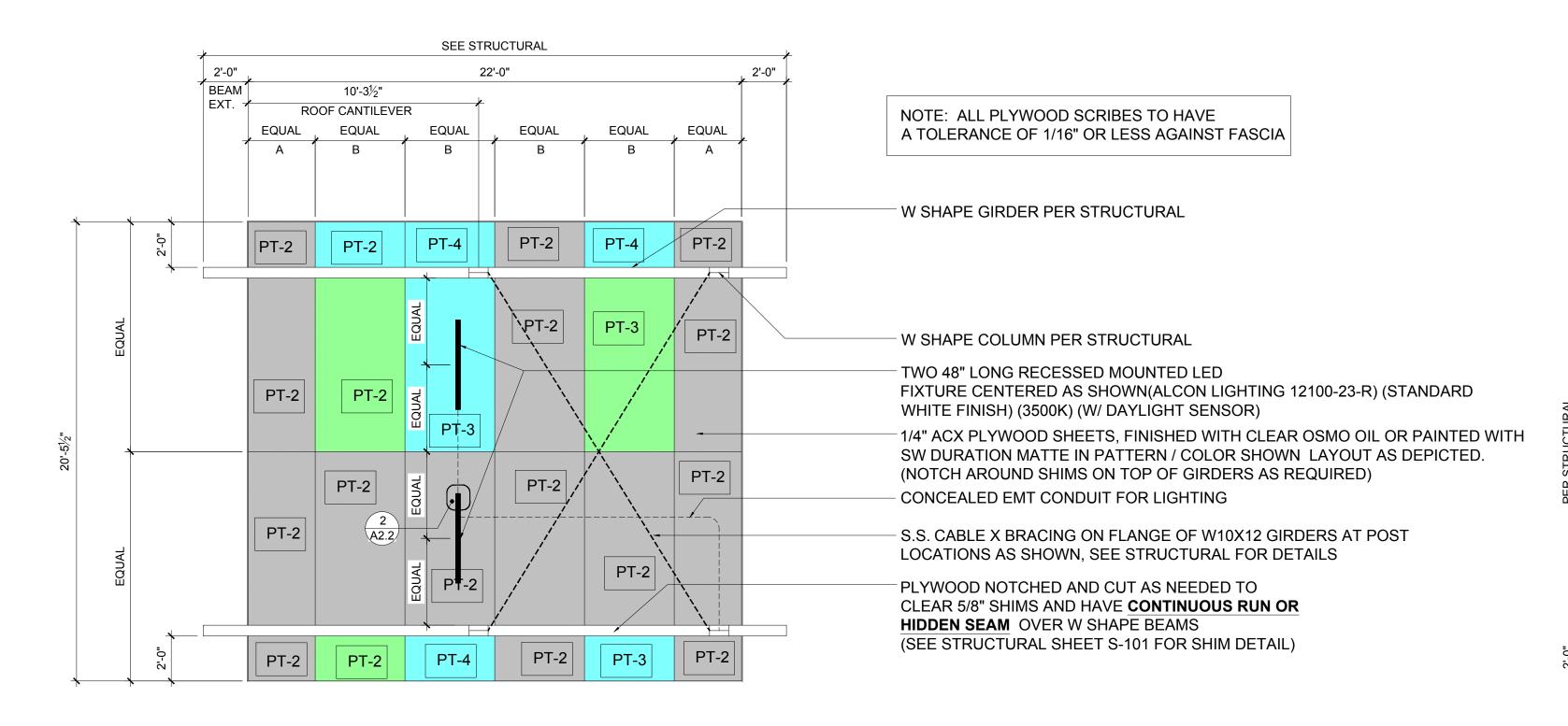
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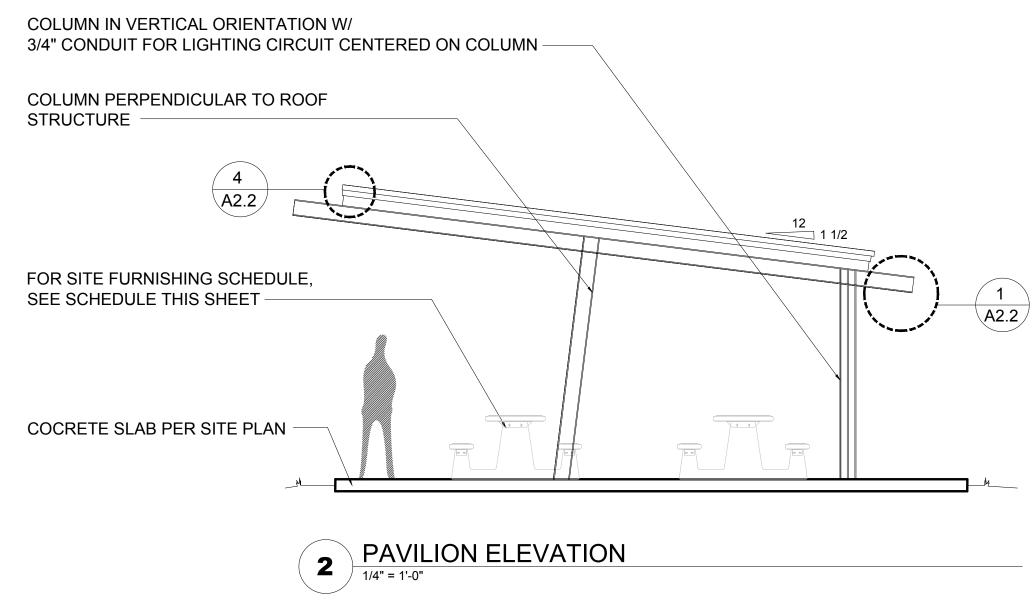
A1.2



PAVILION REFLECTED CEILING PLAN SCALE: 1/4" = 1'-0"

REFLECTED CEILING PLAN NOTES

ALIGN PLYWOOD FOR CONSISTENT SCREW PATTERN AS NEEDED
 SELF TAPPING TAPERED HEAD S.S. #10 SCREWS TO BE USED TO FASTEN PLYWOOD SOFFIT



SITE FURNISHING SCHEDULE

MARK MANUFACTURER	PRODUCT/DESCRIPTION	QUANTITY	FINISH	REMARKS
A WASAU	TF3212 (84" VERSION)	2	G26 CHARCOAL	ALL BENCHES AND TABLES TO BE FASTENED PER MANUFACTURERS SPECIFICATIONS

NOTE: BEFORE MOUNTING ANY SITE FURNISHING AND EQUIPMENT, PLEASE CONTACT ARCHITECT FOR LAYOUT APPROVAL

PAVILION FINISH SCHEDULE

LOCATION	PAINT COLOR	PRODUCT/DESCRIPTION
PAVILION COLUMNS	PT-1	DURATION MATTE (SHERWIN WILLIAMS)
PAVILION EXPOSED FASCIA	PT-2	SATIN SHEEN
PAVILION EXPOSED PLYWOOD SOFFIT	PT-2	MATTE SHEEN (APPLIED WITH AIRLESS SPRAYER PRIOR TO INSTA
PAVILION EXPOSED PLYWOOD SOFFIT	PT-3	MATTE SHEEN (APPLIED WITH AIRLESS SPRAYER PRIOR TO INSTALL
PAVILION EXPOSED PLYWOOD SOFFIT	PT-4	MATTE SHEEN (APPLIED WITH AIRLESS SPRAYER PRIOR TO INSTALL

MATERIAL LEGEND NOTES:

- PT-1 SHERWIN WILLIAMS DURATION PURE WHITE (SW 7005)
- PT-2 OSMO OIL CLEAR UV PROTECTION (SATIN SHEEN) OR APPROVED EQUAL
- T-3 SHERWIN WILLIAMS DURATION MATTE JARDIN (SW 6723)
 T-4 SHERWIN WILLIAMS DURATION MATTE STARDEW (SW 9138)

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- 3/4" ALUMINUM RIGID CONDUIT BY
ALLIED TUBE (OR EQUAL)
CENTERED ON COLUMN'S WEST SIDE.
MOUNTED TO WEB WITH ALUMINUM
STRAPS WITH COUNTERSUNK
S.S. TAPER HEAD SCREWS FROM
OTHER SIDE OF WEB WITH NUTS TO
MATCH AS REQUIRED ALONG LENGTH.
ALL EXPOSED TUBING TO MATCH

LINE OF BEAM ABOVE

LINE OF ROOF ABOVE

A1.2

SEPARATE POURS AROUND COLUMNS AS SHOWN

TABLES PER SCHEDULE ON SHEET A2.1

ISSUE BID SET

DATE

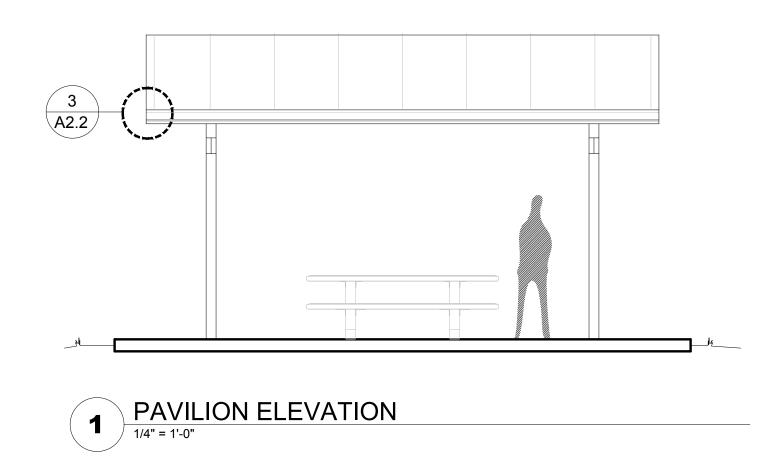
4.15.20

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

FLOOR PLAN NOTES

1. FOR FLOOR PLAN DIMENSIONS REFER TO SHEET S101

PAVILION FLOOR PLAN



26'-0"

22'-0"

- 3/4" ALUMINUM RIGID CONDUIT BY

OUTLET 24" AFF. OUTLET TO BE

ALUMINUM ALL WEATHER BOX)

A.A. CENTERED ON COLUMN'S EAST

SIDE FOR OUTLET LOCATION. PLACE

ALLIED TUBE (OR EQUAL)

2'-10"

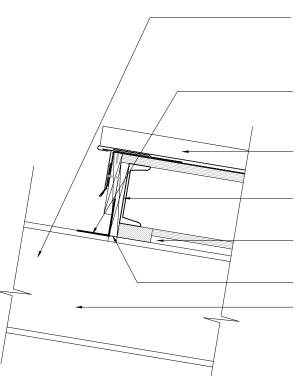
12'-0"

PAVILION FOR HENRY LEE PARK

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SCALE: AS NOTED
DRAWN: BCC
CHECKED BCC
PROJECT NO: 2019-010

A2.1

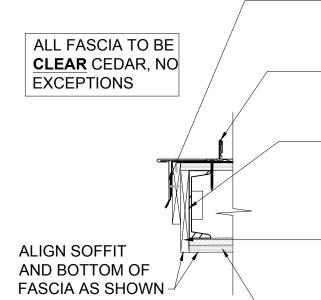


2'-0" EXTENSION TO EDGE OF BEAM (TYPICAL)

ALUMINUM "L" FLASHING (PAINTED TO MATCH COLUMNS) TO DIVERT WATER FROM TOP FLANGE AWAY FROM ROOF (SET IN BED OF SEALANT ON FLANGE, HIDDEN FASTENER TO SUB-FASCIA) STANDING SEAM METAL ROOFING OVER ROOFING MEMBRANE OVER 5/8" CDX PLYWOOD OVER ROOF FRAMING GALVANIZED CHANNEL ROOF FRAMING PER STRUCTURAL. FASTEN TO 1" THICK PLATES PER STRUCTURAL. REVERSE FOR FASCIA ATTACHMENT AS NEEDED 1/2" CDX (PLYWOOD NAILER), OVER 1/2" ACX PLYWOOD, SANDED SMOOTH PRIOR TO FINISH, FINISH PER RCP NOTCHED CONTINUOUS SUBFASCIA OVER W SHAPE BEAMS. W SHAPE BEAM, SEE STRUCTURAL FOR DETAILS

ROOF EDGE UPPER DETAIL (4) ROUF EDGE SCALE: 1-1/2" = 1'-0"

1. ALL FASTENERS IN FASCIA BOARDS TO BE HIDDEN (TYPICAL) 2. ALL PLYWOOD SOFFITS TO BE SCRIBED TO FASCIA WITH NO GAPS OVER 1/32" ALONG LENGTH (CABINET GRADE WORK)



PROVIDE MOCK UP OF EAVE FLASHING PROFILE FOR APPROVAL

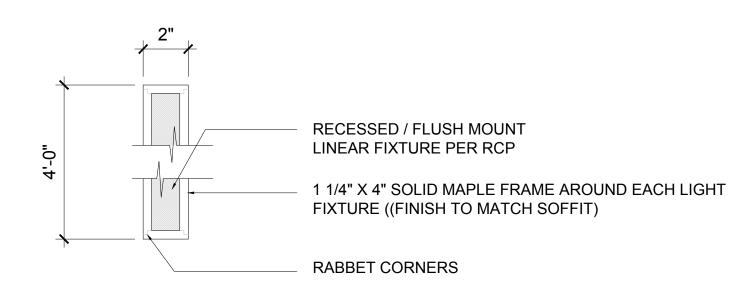
> STANDING SEAM METAL ROOFING OVER ROOFING MEMBRANE OVER 5/8" CDX PLYWOOD OVER ROOF FRAMING

GALVANIZED U SHAPED TRACK TO MATCH CHANNEL HEIGHT FASTEN TO FRAMING CHANNELS WITH #10 X 3/4" LONG FLAT HEAD SELF TAPPING SCREWS AT EACH CHANNEL, TOP AND BOTTOM. (USE L SHAPE WELD TABS AS REQ'D) (PROVIDE MOCK UP OF ATTACHMENT TO JOIST CHANNELS FOR APPROVAL)

SUBFASCIA (CLEAR CEDAR) TO BE ATTACHED TO TRACK WITH #10 X 1-1/4" LONG SELF TAPPING SCREWS @ 12" O.C. STAGGERED. (ALL SCREW LOCATION TO BE HIDDEN)

ACX 4X8 SHEETS PER RCP OVER 1/2" CDX PLYWOOD (ATTACH ACX WITH TRIM HEAD #7 1" S.S. STAR DRIVE TRIM HEAD SCREWS ON A 24" GRID) (DO NOT OVERDRIVE INTO FINISH, PRE-DRILL AS REQ'D) (1/32 SCRIBED GAPS MAX. AT FASCIA) (SAND SMOOTH ACX PRIOR TO PAINTING)







THE CITY OF DAYTONA BEACH



PUBLIC WORKS DEPARTMENT TECHNICAL SERVICES

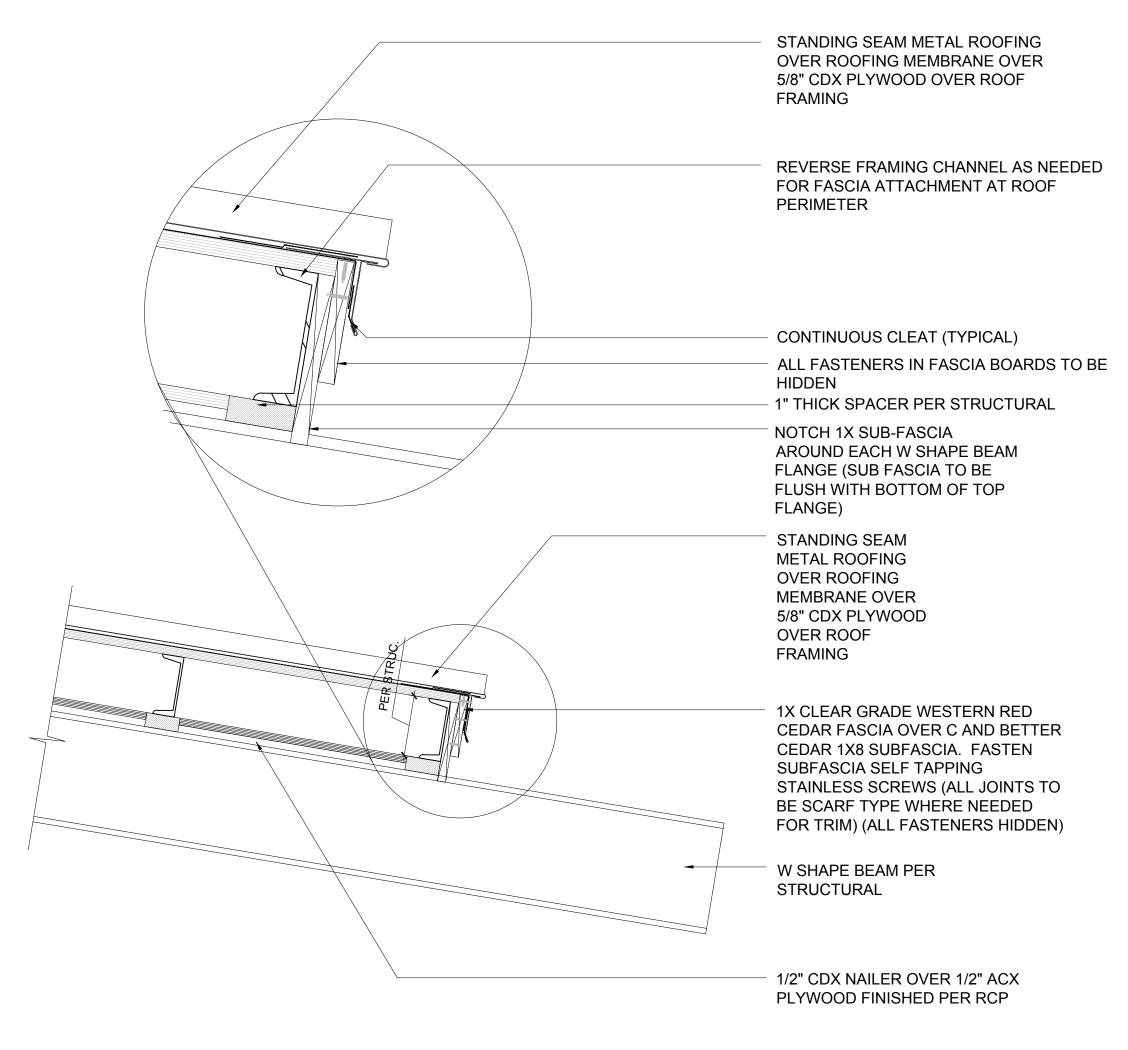
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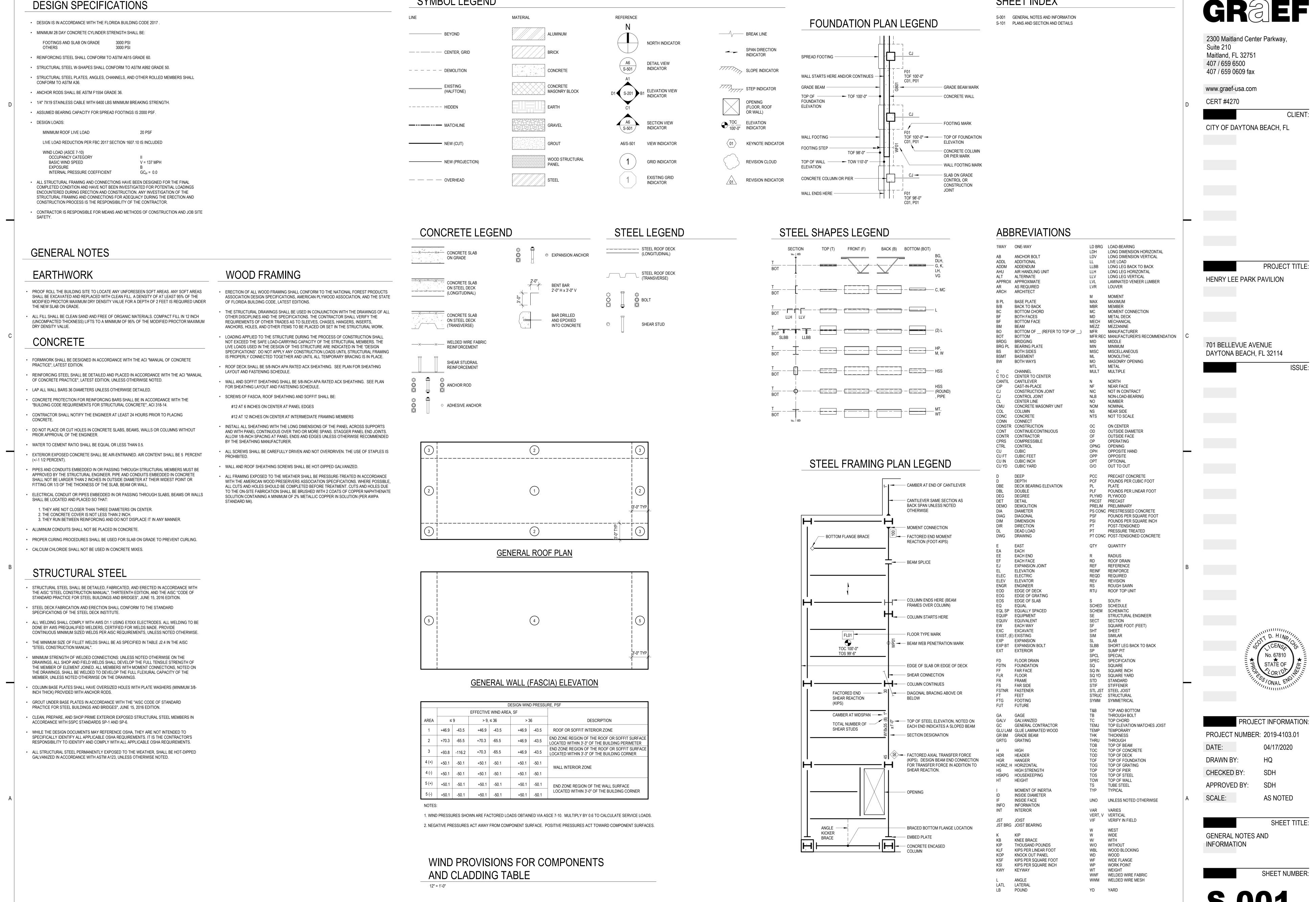
ROOF EDGE LOWER DETAIL SCALE: 1-1/2" = 1'-0"

> SCALE: AS NOTED DRAWN: CHECKED PROJECT NO: 2019-010

> > **A2.2**

BCC

BCC



SYMBOL LEGEND

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SHEET INDEX

GRAEF

SECTION

3/8" STIFFENER
PLATE, TYP

1/4" PLATE X 1 1/2" X 4"

1/2" STAINLESS
TURNBUCKLE

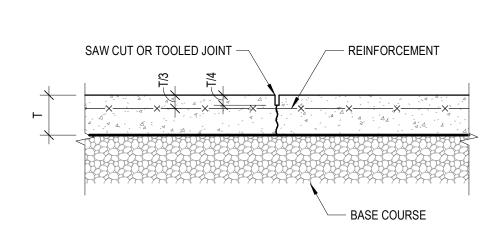
S.S. THIMABLE AT
EACH EYEBOLT, TYP

(2) NICOPRESS
STAINLESS SLEEVE
FOR 1/4" CABLE, TYP

1/4" 7x19 STAINLESS
CABLE, TYP

5 CABLE AND TURNBUCKLE DETAIL

1" = 1'-0"



NOTE:

AT CONTRACTOR'S OPTION, SELF-DRILLING SCREWS CAN BE REPLACED WITH THE SAME SIZE SELF-TAPPING SCREWS AND SCREWING INTO PRE-DRILL PILOT HOLES.

5'-0"

4 SLAB ON GRADE CONTROL JOINT

1" = 1'-0"

\\gasnet.gasai.com\all\\ 4/23/2020 8:41:35 PM 3 DETAIL

3/4" = 1'-0"

STANDING SEAM METAL ROOF OVER PEEL AND STICK, SEE

ARCHITECTURAL DRAWINGS -

1" STEEL SHIM PLATE X 3" X 0'-4", CENTER TO BEAM W10X22 AND CHANNEL

W10X33, SEE PLAN -

3/8" STIFFENER PLATE, TYP. -

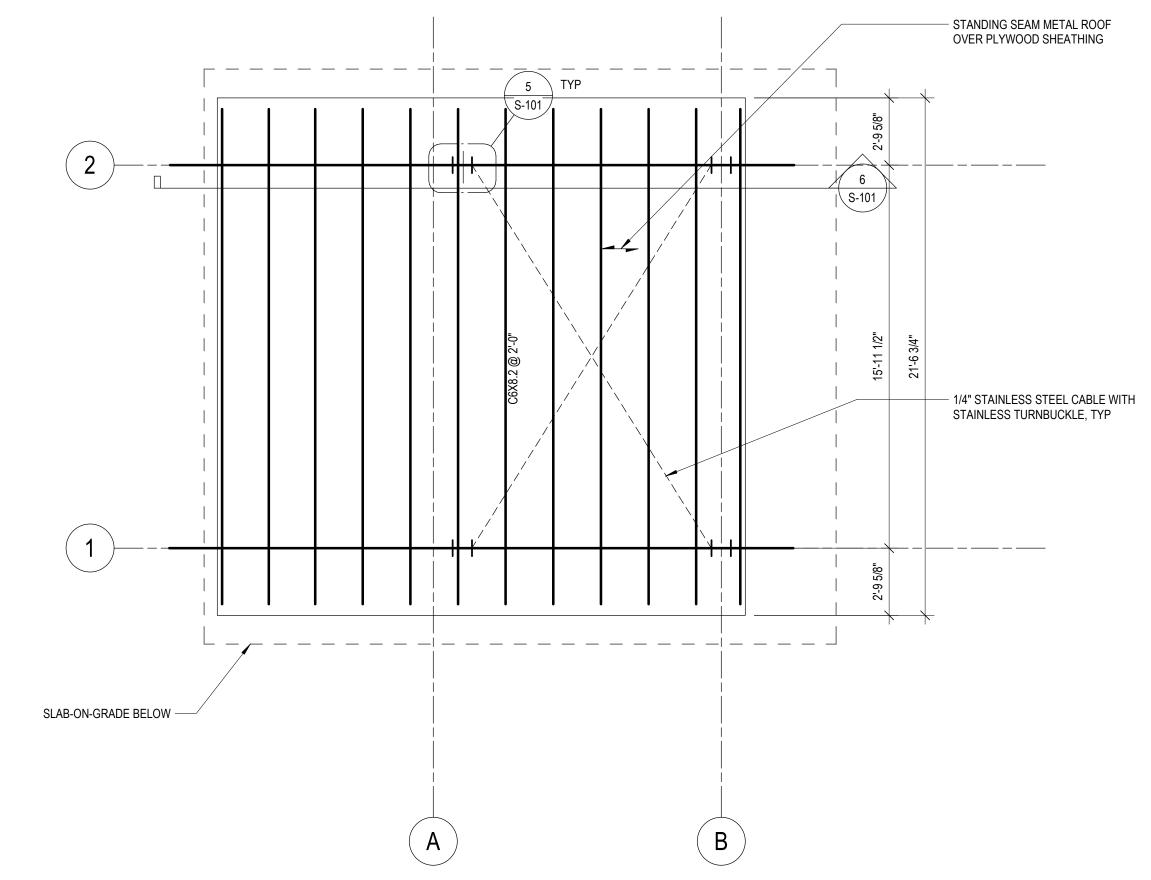
3/8

6" SLAB-ON-GRADE, SEE PLAN —

SPREAD FOOTING F01, SEE PLAN ——

DOUBLE 1/2" PLYWOOD WITH #12 FLAT HEAD

#5 POINT SELF-DRILL SCREW @ 12" AT FIELD AND @ 6" AT PANEL EDGES CONNECTING TO CHANNEL C6X AND STEEL BEAM W10X



ROOF LEVEL FRAMING

1/4 = 1-0

— 5/8" PLYWOOD WITH #12 FLAT HEAD #5 POINT SELF-DRILL

SCREW @ 12" AT FIELD AND @ 6" AT PANEL EDGES CONNECTING TO CHANNEL.

---- 1/4" PLATE X 1 1/2" X 4"

W10X33, SEE PLAN

— 1" BASE PLATE X 18" X18" WITH (6)-7/8"

DIA ANCHOR BOLTS

- 1" NON-SHRINK GROUT

NOTES:

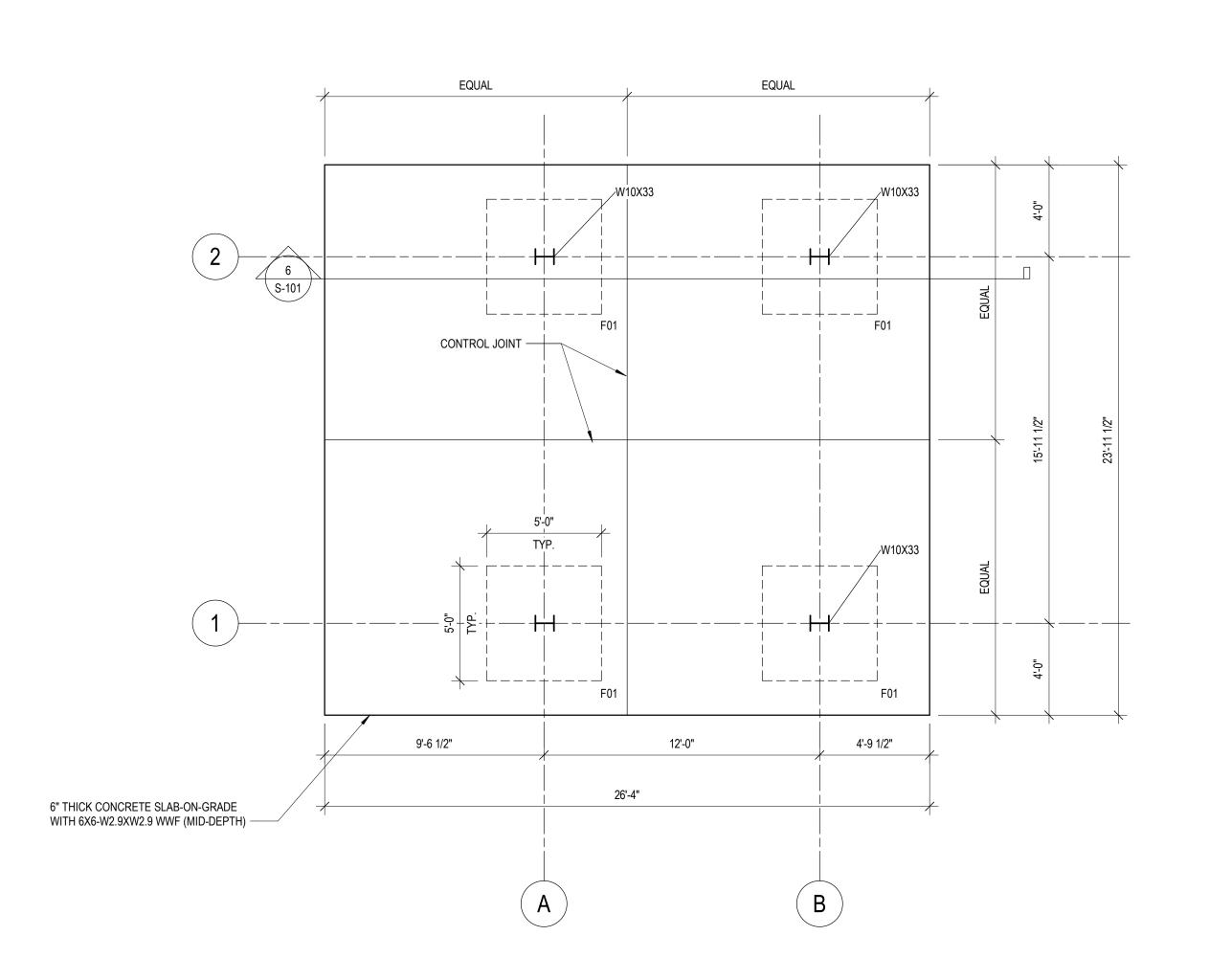
REFER TO GENERAL NOTES ON SHEET S-001.

ROOF SHEATHING AND SOFFIT SHALL BE 5/8" ACX GRADE.

ALL WOOD FRAMING SHALL BE PRESSURE-TREATED.

SEE ARCHITECTURAL DRAWING FOR STANDING SEAM METAL ROOF INFORMATION.

ALL STRUCTURAL STEEL PERMANENTLY EXPOSED TO THE WEATHER, SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123, UNLESS OTHERWISE NOTED.



1 FOUNDATION LEVEL FRAMING

NOTES:

REFER TO GENERAL NOTES ON SHEET S-001.

• F-01 DENOTES CONCRETE SPREAD FOOTING, 5'-0" (L) X 5'-0" (W) X 3'-0" (D) WITH (8)-#6 EACH WAY, TOP AND BOTTOM. SEE DETAIL ON SHEET S-101.

• ALL STRUCTURAL STEEL PERMANENTLY EXPOSED TO THE WEATHER, SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123, UNLESS OTHERWISE NOTED.

GREF

2300 Maitland Center Parkway, Suite 210 Maitland, FL 32751 407 / 659 6500

407 / 659 0609 fax www.graef-usa.com

CERT #4270

CITY OF DAYTONA BEACH, FL

CLIENT:

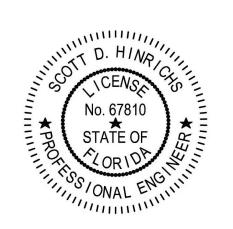
PROJECT TITLE:

701 BELLEVUE AVENUE

HENRY LEE PARK PAVILION

DAYTONA BEACH, FL 32114

ISSUE:



PROJECT INFORMATION:

PROJECT NUMBER: 2019-4103.01

DATE: 04/17/2020

DRAWN BY: HQ

CHECKED BY: SDH
APPROVED BY: SDH

SCALE: AS NOTED

SHEET TITLE:
PLANS AND SECTION AND

PLANS AND SECTION A
DETAILS

SHEET NUMBER:

S-101