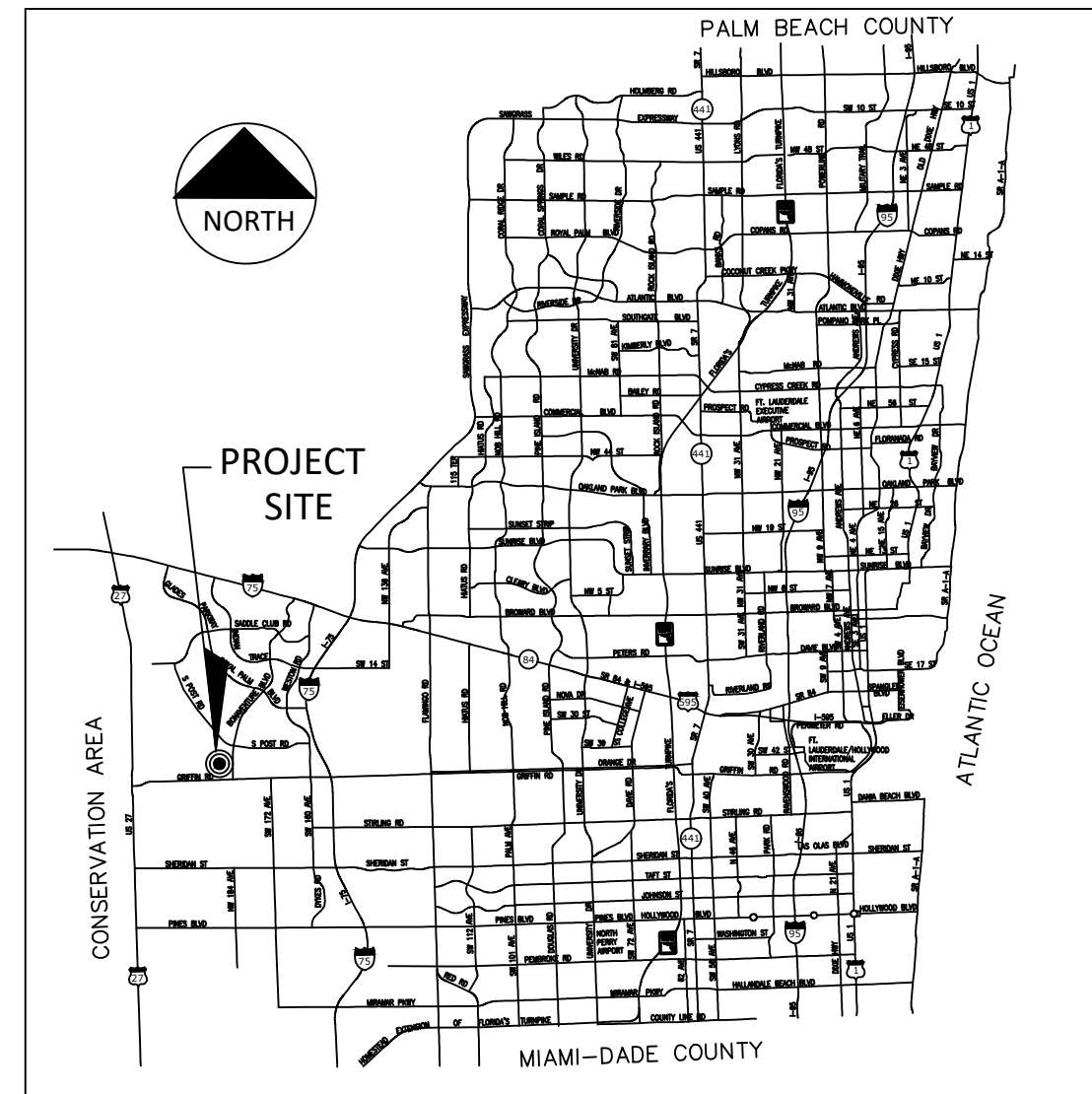
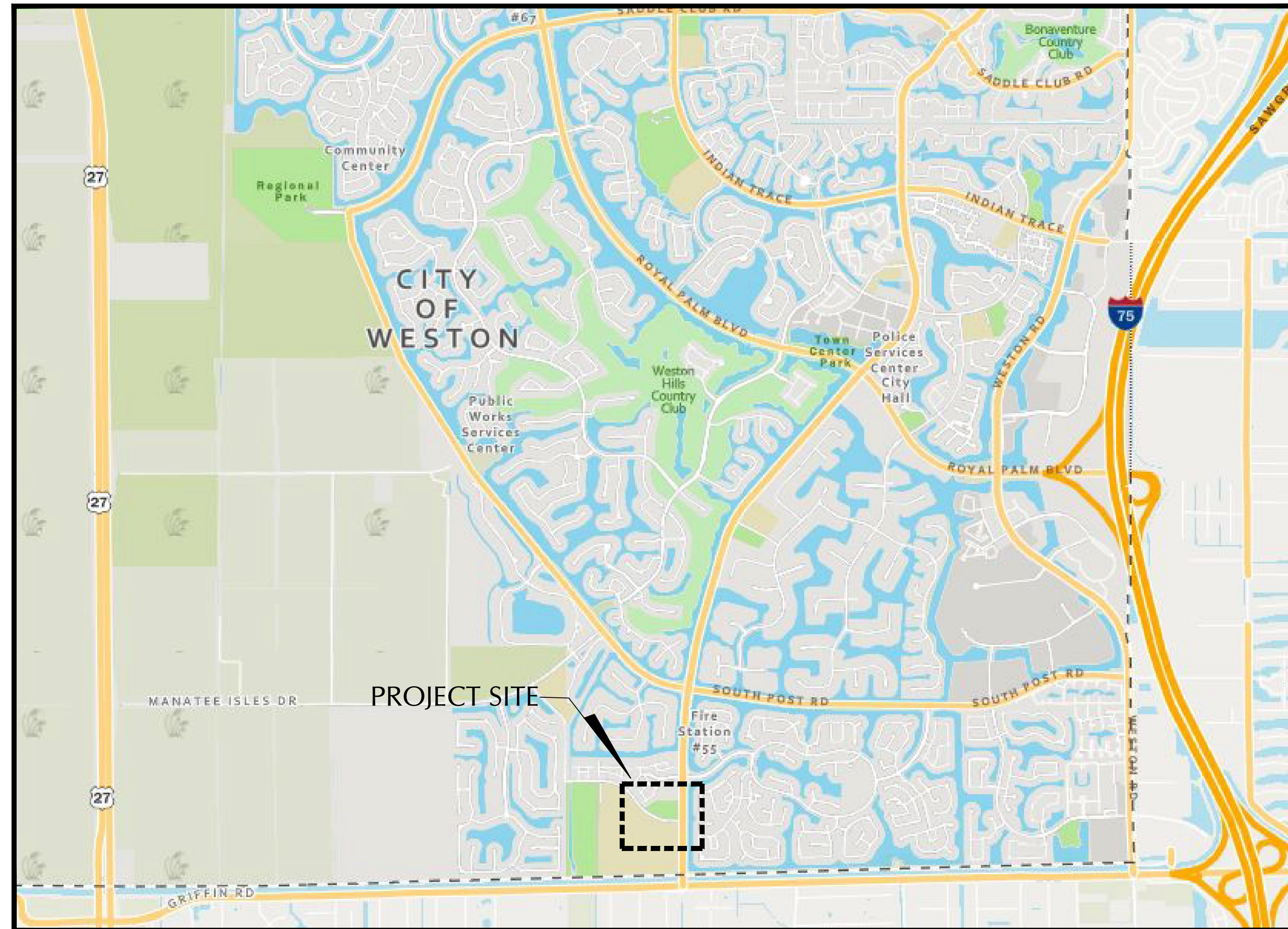


LIBRARY PARK PAVILION REPLACEMENTS

4255 Bonaventure Boulevard, Weston FL 33332



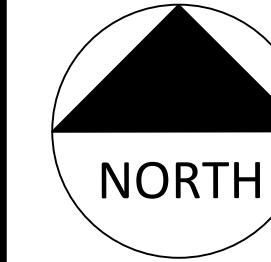
LOCATION MAP



Project Location Map

PROJECT SCOPE OF WORK

1. REMOVAL AND DISPOSAL OF EXISTING PAVILION STRUCTURES AND ELECTRICAL FIXTURES.
2. FURNISH & INSTALL VENDOR SUPPLIED PAVILION UNITS INCLUDING FOUNDATIONS, ELECTRICAL SYSTEM CONDUITS, WIRINGS, LIGHT FIXTURES, RECEPTACLES & LIGHTNING PROTECTION SYSTEMS.
3. RELOCATE AND UPGRADE EXISTING PLUMBING AND FIXTURES.
4. SITE RESTORATION INCLUDING RE-GRADING OF AREAS TO ATTAIN POSITIVE DRAINAGE, INSTALLATION OF TOP SOIL AND SOD.
5. OBTAIN ALL PERMITS AS REQUIRED FROM ALL AGENCIES HAVING JURISDICTION.

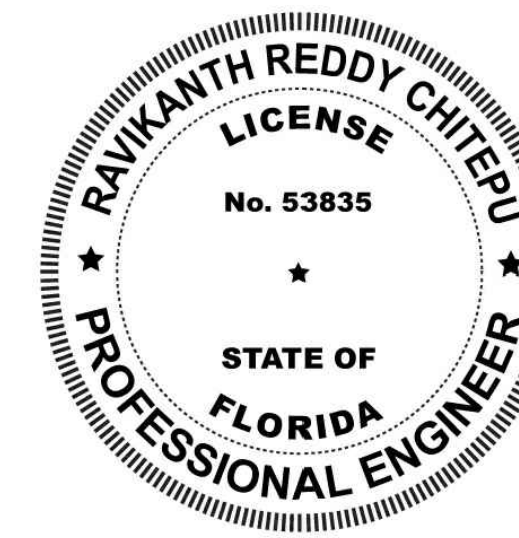


CITY OFFICIALS

MAYOR: MARGARET BROWN

COMMISSIONERS: BYRON L. JAFFE
MARY MOLINA-MACFIE
CHRIS EDDY
HENRY MEAD

CITY MANAGER/CEO: DONALD P. DECKER



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES

CITY OF WESTON PUBLIC WORKS
2599 SOUTH POST ROAD
WESTON FL 33327
954-385-2600

REDDY CHITEPU, P.E. 53835

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH THE RULE 61G15-23.004, F.A.C.

SHEET NO. SHEET TITLE

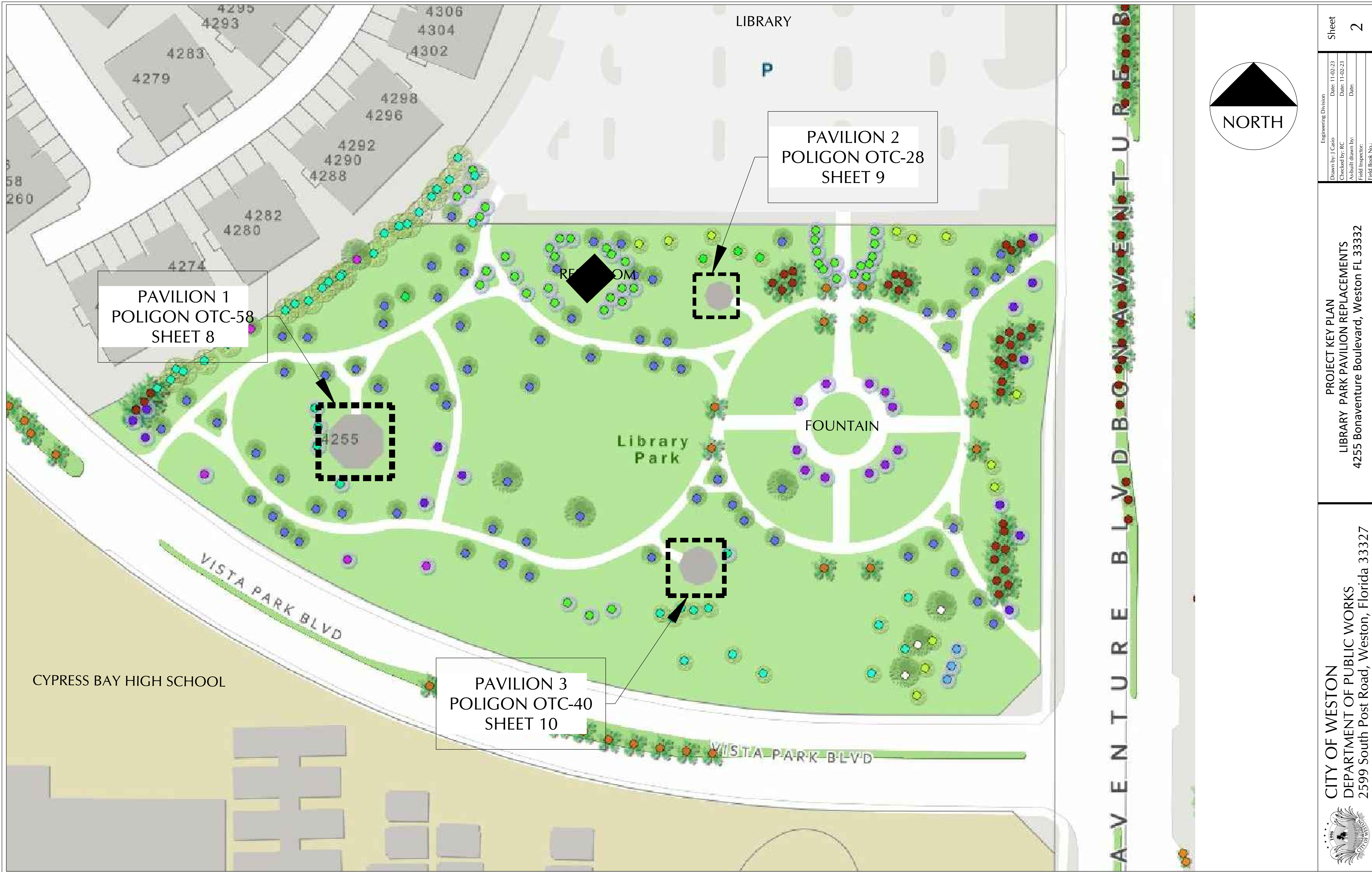
1	COVER PAGE
2	PROJECT KEY PLAN
3	PROJECT NOTES
4	DEMOLITION PLAN
5 - 7	EXISTING PAVILION 1 - 3
8 - 10	SITE PLAN PAVILION 1 - 3
15	ELECTRICAL CUTOUTS AND FIXTURES
16	RESTORATION DETAILS

SHEET NO.	SHEET TITLE
1	COVER PAGE
2	PROJECT KEY PLAN
3	PROJECT NOTES
4	DEMOLITION PLAN
5 - 7	EXISTING PAVILION 1 - 3
8 - 10	SITE PLAN PAVILION 1 - 3
11 - 13	PAVILION 1 - 3 EXISTING SLAB AND FOUNDATION RECORD DRAWINGS (FOR REFERENCE ONLY)
14	PAVILION LIGHT FIXTURE
15	ELECTRICAL CUTOUTS AND FIXTURES
16	RESTORATION DETAILS

BID SET 01-04-24

PERMITTING AGENCIES	DATE SUBMITTED	CGACOW INITIALS	DATE APPROVED	PERMIT NUMBER
CITY OF WESTON - BUILDING DEPARTMENT APPROVAL				
CITY OF WESTON - UTILITY ENGINEERING APPROVAL				
CITY OF WESTON - LANDSCAPING APPROVAL				
CITY OF WESTON - ZONING APPROVAL				

NO	DATE	REVISION	BY



PAVILION 1
POLIGON OTC-58
SHEET 8

PAVILION 2
POLIGON OTC-28
SHEET 9

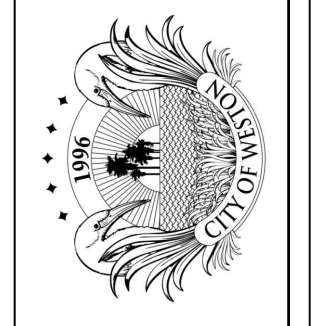
PAVILION 3
POLIGON OTC-40
SHEET 10



Engineering Division	
Drawn by: J. Casio	Date: 11-02-23
Checked by: RC	Date: 11-02-23
As-built drawn by:	Date:
Field Inspector:	Date:
Field Book No.:	

PROJECT KEY PLAN
LIBRARY PARK PAVILION REPLACEMENTS
4255 Bonaventure Boulevard, Weston FL 33332

CITY OF WESTON
DEPARTMENT OF PUBLIC WORKS
2599 South Post Road, Weston, Florida 33327



General Notes

1. The CONTRACTOR shall furnish all mobilization, labor, supervision, materials, equipment, supplies, tools, safety measures, Maintenance of Traffic (MOT) services and all incidentals required to perform the work required in this project.
2. For all Bid Items stated unit price shall include materials, labor, supervision, equipment and all incidentals to complete the work.
3. The CONTRACTOR shall take photographs or videos of the jobsite prior to start of the construction.
4. The CONTRACTOR shall not store any equipment overnight within the right-of-way.
5. The CONTRACTOR may be allowed space for equipment staging at a CITY facility provided space is available at the time of the request. Final approval shall be determined by the CITY. The CITY shall not be held liable for damage or injury caused by CONTRACTOR's equipment stored at a CITY property. If requested by the CITY, the CONTRACTOR shall immediately remove all equipment from CITY facility within 2 hours of being notified. Failure to do so will result in removal of the equipment by the CITY. The CONTRACTOR shall reimburse the CITY all costs associated with the removal of the equipment. Costs include but are not limited to: towing or transportation expenses, staff labor costs and other related CITY contract provider expenses.
6. The CONTRACTOR shall ensure all equipment safety devices recommended by the manufacturer are installed and properly maintained.
7. The CONTRACTOR shall ensure that before the commencement of any work, it shall provide a control plan for the protection from damage of adjacent, surrounding property, real estate, vehicles, and equipment. The CONTRACTOR is responsible for any damage to surrounding property, real estate, vehicles, and equipment as a result of the construction work and shall repair such damage to the satisfaction of the City Inspector, at no expense to the City.
8. The CONTRACTOR shall report to the City promptly and replace any damaged area, facility and equipment.
9. All accidents occurring on the job which damage public or private property, or result in injuries to workers or other persons, or damage to utilities shall be promptly reported to the City.
10. Any incidental item of material, labor or detail required for the proper completion of the work omitted from these specifications but obviously required by governing laws, local regulations, trade practices or good workmanship shall be provided without extra charge even though not specifically detailed or mentioned.
11. The CONTRACTOR shall maintain a clean and safe work environment.
12. All existing structures, utilities, services, roads, etc., shall be protected against damage or interrupted service at all times by the CONTRACTOR and the CONTRACTOR shall be held responsible for any damage caused by reason of his operations on the property.
13. The CONTRACTOR shall prevent damage to any tree or shrubs. It shall be the CONTRACTOR'S responsibility to replace the damaged tree at no expense to the City and at the satisfaction of the City's Landscaping Department. All tree and root pruning must be done by City registered Arborist.
14. Work activities such as road closures and night and weekend work shall be coordinated and approved by the City.
15. The CONTRACTOR shall keep the project limits free from accumulation of waste materials, rubbish and other debris resulting from the work.

16. After completion of the work the CONTRACTOR shall remove all waste materials and debris from around the worksite.
17. At all times CONTRACTOR shall take precautionary measures to prevent fire hazards and spontaneous combustion.
18. For the purpose of this solicitation, Bid Items stated were estimated. Payment shall be based on installed quantities and measured prior to payment.
19. A set of scaled plans is included in the bid document package and the CONTRACTOR shall be responsible for site visits to ascertain all conditions and quantities.

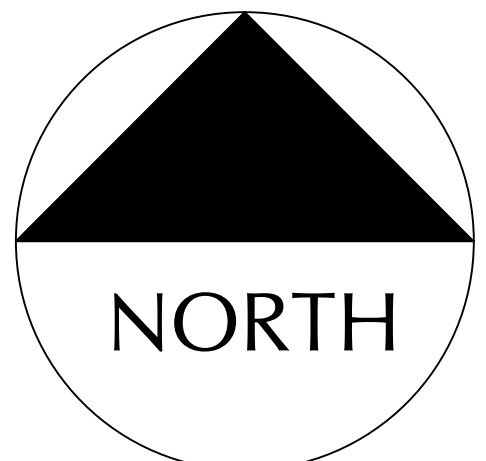
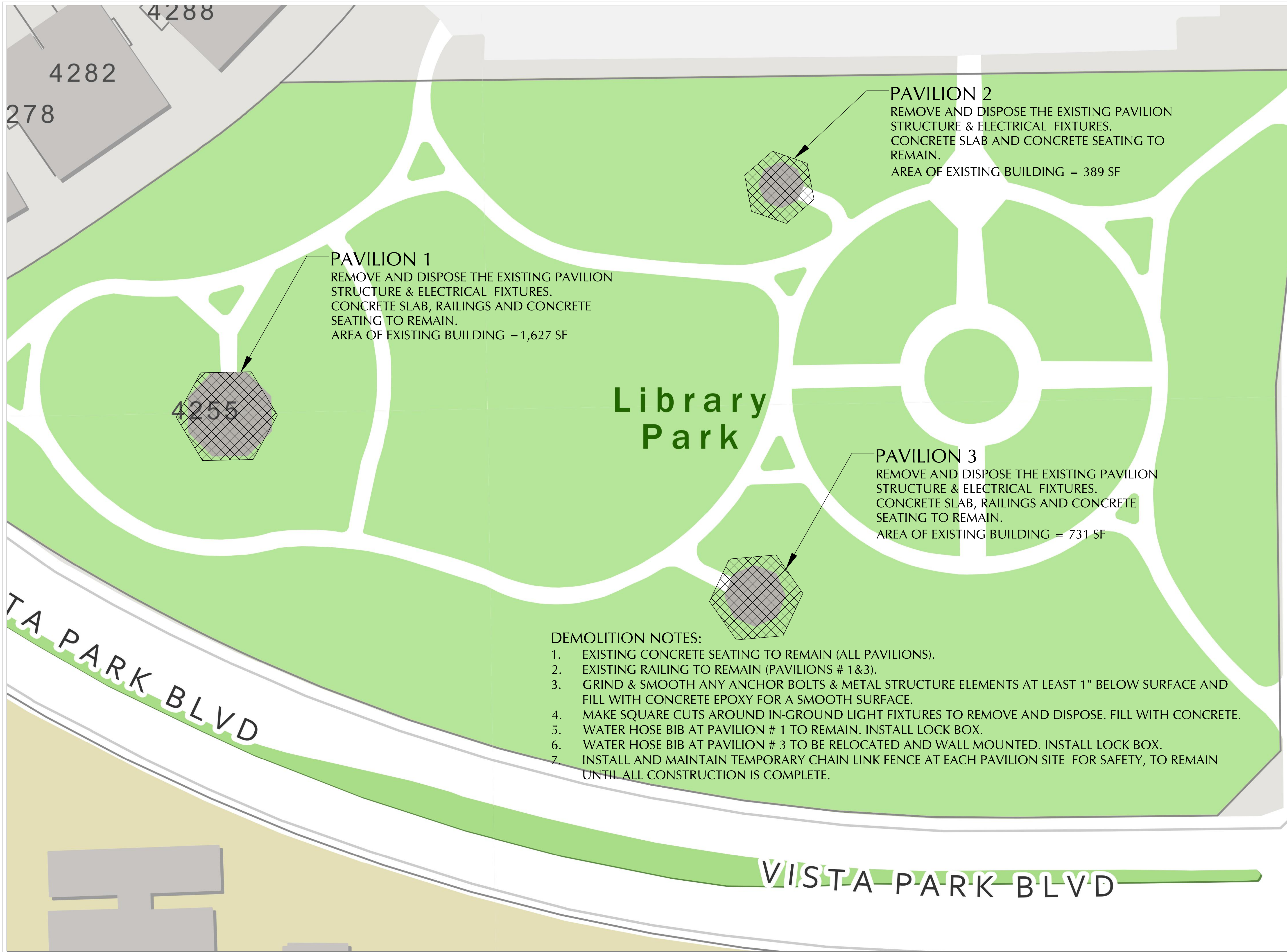
Landscaping

1. Coordinate with City of Weston two weeks prior to tree removal / pruning activities.
2. All proposed root pruning and tree trimming must be done in accordance with the City of Weston Code requirements by a City of Weston registered tree professional.
3. Coordinate with City of Weston Landscape Inspector to inspect the tree protection barriers prior to root pruning and tree trimming activities.
4. Saint Agustin "Palmetto" sod to be utilized for all proposed sod and repairs to existing sod damaged by construction activities.
5. All sod to be healthy, weed / pest free (including fungus and disease) Saint Agustin "Palmetto" and laid smooth over 2" specified planting soil, 80/20 mix topsoil, PH value of 6.50-7.00, with tight alternating and abutting joints which conform to curbs and planters.
6. Install plant material a minimum of 90 days prior to final acceptance. City will assume responsibility of establishment of plant material after final acceptance.
7. Call the City of Weston Landscape Inspector at 954-921-7781 to schedule a pre-construction landscape meeting prior to commencement of construction.
8. Coordinate with City of Weston Landscape Inspector for planting depth and soil inspection prior to tree installation.
9. Provide an As-built Plan for landscape and irrigation 2 weeks prior to final inspection to the Landscape Architect of Record for review.
10. Coordinate final inspection with City's representative., Landscape Architect of Record & CEI.
11. The CONTRACTOR must be responsible to investigate and to coordinate with the City and property owners for the existing irrigation systems that must be cut and capped prior to start of construction and to ensure the irrigation of the remaining plant materials covered by the existing irrigation systems. There may be private irrigation systems in the right-of-way limits of construction.
12. The CONTRACTOR must be responsible to water the newly installed sod and plant materials seven (7) days a week for thirty (30) days or until the sod are established and accepted by the City Landscape Inspector.
13. Any irrigation that is damaged during construction must be capped or repaired to equal or better immediately. Additionally, during the final inspection an irrigation inspection must be done to verify that the irrigation is working appropriately. The irrigation must achieve 100% coverage, 100% overlap and no overspray on impervious areas.
14. Provide tree protection, barricades around all trees that may be affected by the construction. Be aware of the existing tree canopy, trunks and roots to prevent damage during the construction.

M. Stormwater Pollution Prevention

1. The CONTRACTOR shall prepare and submit a Stormwater Pollution Prevention Plan (SWPPP) to the Engineer/City for review and approval.
2. SWPPP elements are to be installed throughout the clearing and grubbing limits, or at the locations directed by the City. These elements include but are not limited to filter fabrics, silt socks, hay bales, silt fences, turbidity barriers etc.
3. SWPPP elements shall be installed at all areas prior to excavation or fill.
4. All streams or ditches are to be protected from erosion or siltation by the methods detailed in the SWPPP.
5. All inlet entrances are to be protected from siltation as detailed in the SWPPP.
6. SWPPP elements are to be maintained throughout the life of the project as necessary for the various construction phases. The CONTRACTOR must insure that all of these elements function properly at all times.
7. The SWPPP submitted by the CONTRACTOR shall describe in detail how the construction effort will be staged with regards to minimizing erosion problems by the use of temporary and permanent erosion control measures implemented.
8. Outfall protection - project pipe or ditch discharges into off-site outfalls shall be inspected daily for sediment buildup or transport. Outfalls shall be protected, as directed by Project Engineer, through use of SWPPP elements as necessary to contain any sediment loss to the immediate area of the project. Any sediment buildup or transport off site shall be CONTRACTOR'S responsibility to remedy.
9. Silt fences and hay bales - silt fences shall be placed at the base of any slope where a rainfall event could erode a slope and transport sediments off-site. Hay bales shall be placed at the downstream end of cross drain pipe prior to off-site discharge and across proposed ditches prior to discharge into existing ditches. If erosion deposits reach top elevation of silt fences or bales, sediments should be removed. Damaged or ineffective silt fences or bales damaged or ineffective silt fences or bales are to be replaced. The Engineer may specify other measures as necessary.
10. Stockpiled materials - this material shall not be left in erosion prone areas unless protected by cover or bales.
11. Daily inspection - inspection of all storm water pollution prevention measures and condition of adjacent properties shall be performed by the CONTRACTOR. Deficiencies shall be noted and corrected.
12. All erosion and material deposits must be contained within the project limits.
13. CONTRACTOR shall provide a silt fence at drainage structures, swales and water bodies at the direction of Engineer.
14. Protect existing catch basins on site and in the immediate vicinity of the site with filter fabric or hay bales.
15. Install soil tracking prevention device, if required.
16. Trash and waste material generated on site during construction shall be removed on a daily basis.
17. CONTRACTOR shall provide trash receptacles on site.

<p>PROJECT NOTES</p> <p>LIBRARY PARK PAVILION REPLACEMENTS</p> <p>4255 Bonaventure Boulevard, Weston FL 33332</p>	<p>CITY OF WESTON</p> <p>DEPARTMENT OF PUBLIC WORKS</p> <p>2599 South Post Road, Weston, Florida 33327</p>
<p>Engineering Division</p> <p>Drawn by: J Casio</p> <p>Checked by: RC</p> <p>As-built drawn by:</p> <p>Field Inspector:</p> <p>Field Book No.:</p>	<p>Date: 11-02-23</p> <p>Date: 11-02-23</p> <p>Date:</p>
<p>Sheet 3</p>	

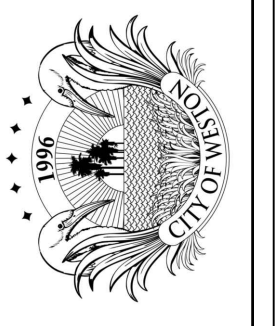


BONAVENTURE BOULEVARD

Engineering Division	
Drawn by: J Casio	Date: 11-02-23
Checked by: RC	Date: 11-02-23
As-built drawn by:	Date:
Field Inspector:	Date:
Field Book No.:	

DEMOLITION PLAN
 LIBRARY PARK PAVILION REPLACEMENTS
 4255 Bonaventure Boulevard, Weston FL 33332

CITY OF WESTON
 DEPARTMENT OF PUBLIC WORKS
 2599 South Post Road, Weston, Florida 33327





CITY OF WESTON
 DEPARTMENT OF PUBLIC WORKS
 2599 South Post Road, Weston, Florida 33327

EXISTING PAVILION 1
 LIBRARY PARK PAVILION REPLACEMENTS
 4255 Bonaventure Boulevard, Weston FL 33332

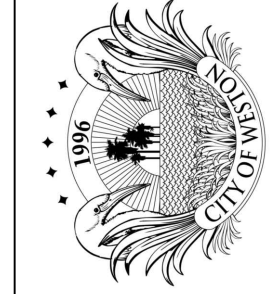
Engineering Division	Date: 11-02-23
Drawn by: J Casio	Date: 11-02-23
Checked by: RC	Date: 11-02-23
As-built drawn by:	Date:
Field Inspector:	Date:
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CITY OF WESTON
DEPARTMENT OF PUBLIC WORKS
2599 South Post Road, Weston, Florida 33327

EXISTING PAVILION 2
LIBRARY PARK PAVILION REPLACEMENTS
4255 Bonaventure Boulevard, Weston FL 33332

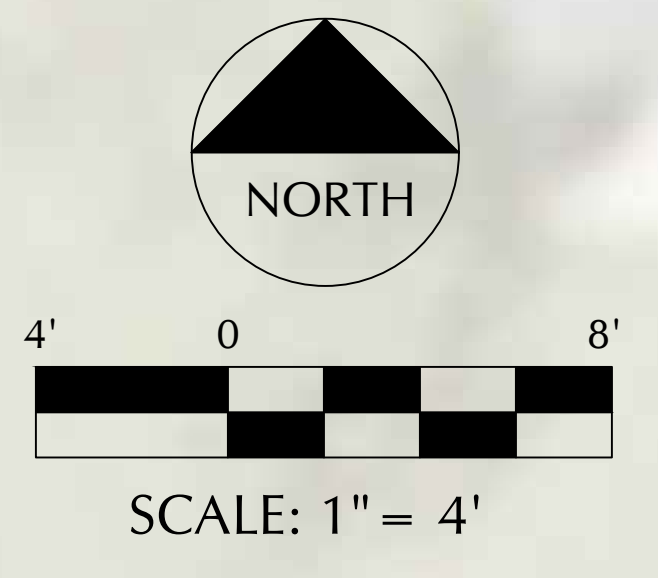
Engineering Division
Drawn by: J Casio Date: 11-02-23
Checked by: RC Date: 11-02-23
As-built drawn by: Date:
Field Inspector: Date:
Field Book No.:



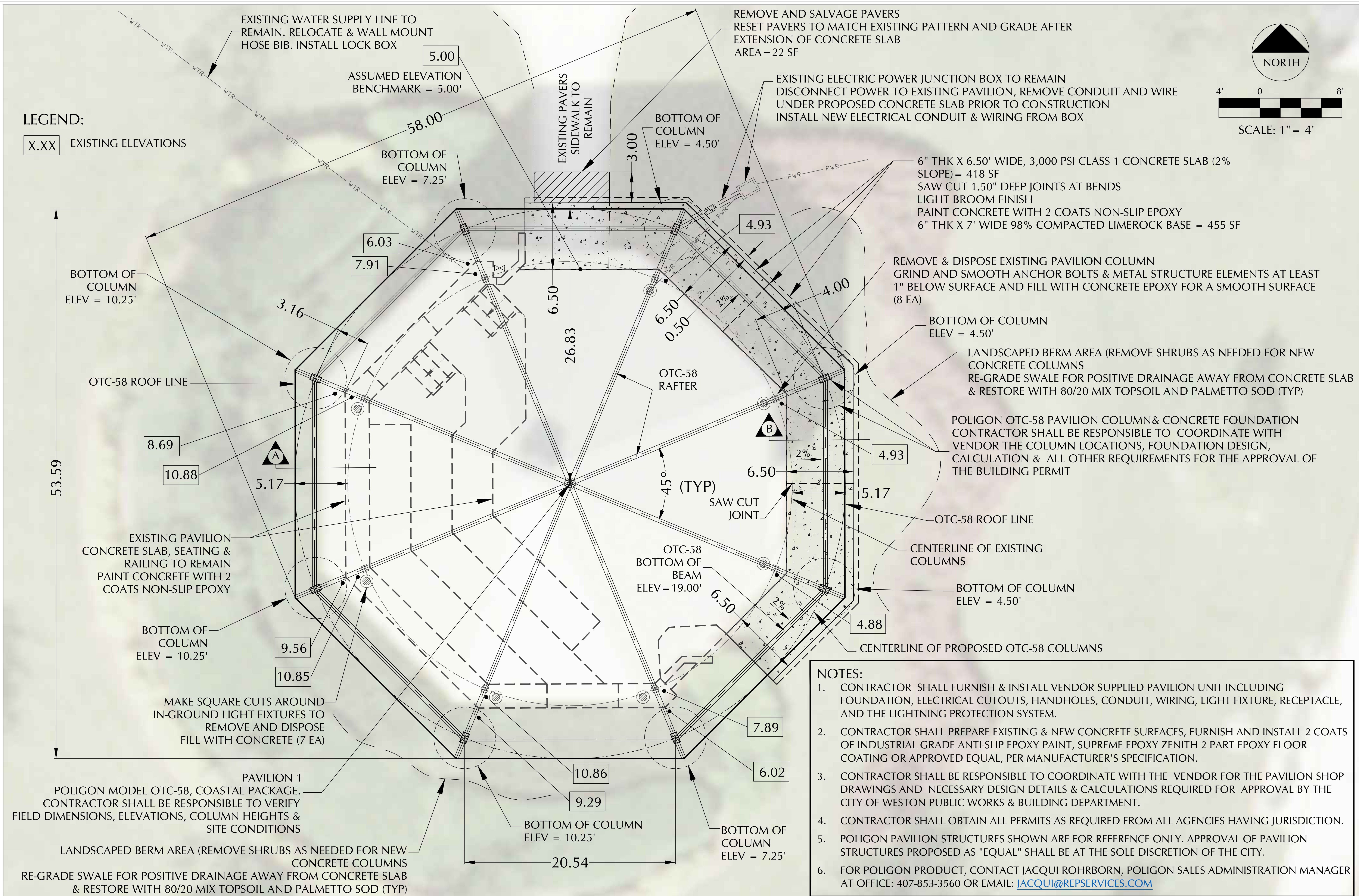
CITY OF WESTON
 DEPARTMENT OF PUBLIC WORKS
 2599 South Post Road, Weston, Florida 33327

EXISTING PAVILION 3
 LIBRARY PARK PAVILION REPLACEMENTS
 4255 Bonaventure Boulevard, Weston FL 33332

Engineering Division	Date: 11-02-23
Drawn by: J Casio	Date: 11-02-23
Checked by: RC	Date:
As-built drawn by:	Date:
Field Inspector:	
Field Book No.:	



LEGEND:
 X.XX EXISTING ELEVATIONS



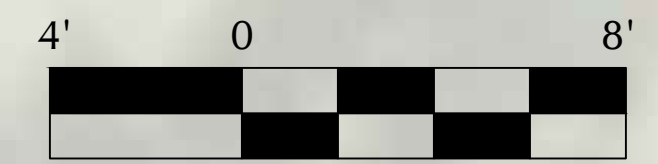
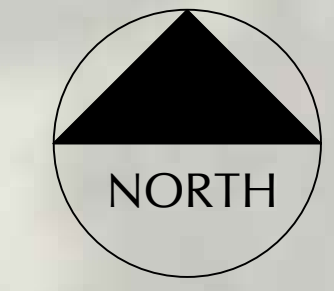
- NOTES:**
1. CONTRACTOR SHALL FURNISH & INSTALL VENDOR SUPPLIED PAVILION UNIT INCLUDING FOUNDATION, ELECTRICAL CUTOUTS, HANDHOLES, CONDUIT, WIRING, LIGHT FIXTURE, RECEPTACLE, AND THE LIGHTNING PROTECTION SYSTEM.
 2. CONTRACTOR SHALL PREPARE EXISTING & NEW CONCRETE SURFACES, FURNISH AND INSTALL 2 COATS OF INDUSTRIAL GRADE ANTI-SLIP EPOXY PAINT, SUPREME EPOXY ZENITH 2 PART EPOXY FLOOR COATING OR APPROVED EQUAL, PER MANUFACTURER'S SPECIFICATION.
 3. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE VENDOR FOR THE PAVILION SHOP DRAWINGS AND NECESSARY DESIGN DETAILS & CALCULATIONS REQUIRED FOR APPROVAL BY THE CITY OF WESTON PUBLIC WORKS & BUILDING DEPARTMENT.
 4. CONTRACTOR SHALL OBTAIN ALL PERMITS AS REQUIRED FROM ALL AGENCIES HAVING JURISDICTION.
 5. POLYGON PAVILION STRUCTURES SHOWN ARE FOR REFERENCE ONLY. APPROVAL OF PAVILION STRUCTURES PROPOSED AS "EQUAL" SHALL BE AT THE SOLE DISCRETION OF THE CITY.
 6. FOR POLYGON PRODUCT, CONTACT JACQUI ROHRBORN, POLYGON SALES ADMINISTRATION MANAGER AT OFFICE: 407-853-3560 OR EMAIL: JACQUI@REPSERVICES.COM

PAVILION 1, POLYGON OTC-58 SITE PLAN
 LIBRARY PARK PAVILION REPLACEMENTS
 4255 Bonaventure Boulevard, Weston FL 33332

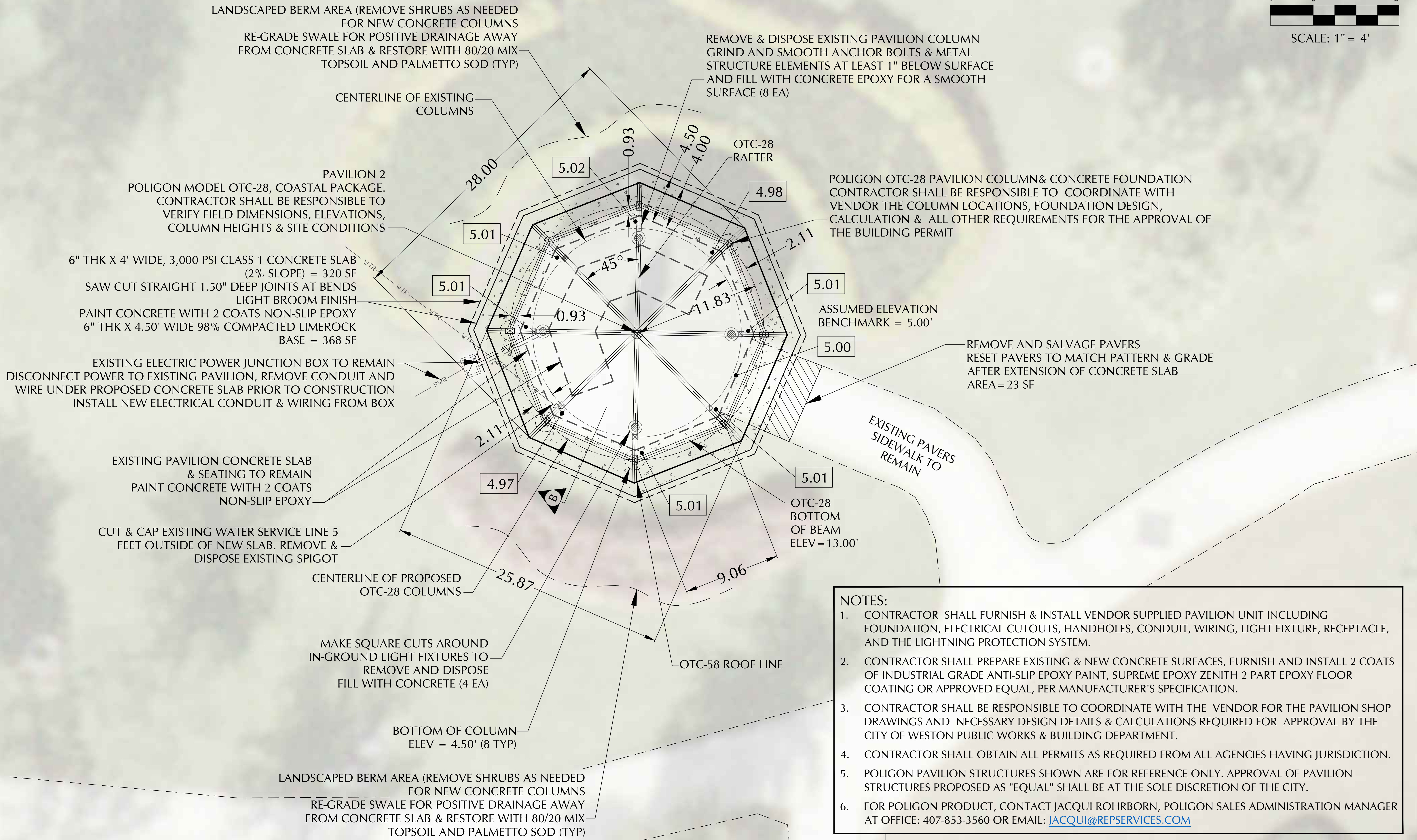
CITY OF WESTON
 DEPARTMENT OF PUBLIC WORKS
 2599 South Post Road, Weston, Florida 33327

LEGEND:

X.XX EXISTING ELEVATIONS



SCALE: 1" = 4'



- NOTES:**
1. CONTRACTOR SHALL FURNISH & INSTALL VENDOR SUPPLIED PAVILION UNIT INCLUDING FOUNDATION, ELECTRICAL CUTOUTS, HANDHOLES, CONDUIT, WIRING, LIGHT FIXTURE, RECEPTACLE, AND THE LIGHTNING PROTECTION SYSTEM.
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 6. FOR POLIGON PRODUCT, CONTACT JACQUI ROHRBORN, POLIGON SALES ADMINISTRATION MANAGER AT OFFICE: 407-853-3560 OR EMAIL: JACQUI@REPSERVICES.COM

Sheet 9
 Engineering Division
 Drawn by: J Casio Date: 11-02-23
 Checked by: RC Date: 11-02-23
 As-built drawn by: Date:
 Field Inspector: Date:
 Field Book No.:

PAVILION 2, POLIGON OTC-28 SITE PLAN
 LIBRARY PARK PAVILION REPLACEMENTS
 4255 Bonaventure Boulevard, Weston FL 33332

CITY OF WESTON
 DEPARTMENT OF PUBLIC WORKS
 2599 South Post Road, Weston, Florida 33327



LEGEND:

X.XX EXISTING ELEVATIONS

EXISTING ELECTRIC POWER JUNCTION BOX TO REMAIN DISCONNECT POWER TO EXISTING PAVILION, REMOVE CONDUIT AND WIRE UNDER PROPOSED CONCRETE SLAB PRIOR TO CONSTRUCTION INSTALL NEW ELECTRICAL CONDUIT & WIRING FROM BOX

REMOVE AND SALVAGE PAVERS RESET PAVERS TO MATCH PATTERN & GRADE AFTER EXTENSION OF CONCRETE SLAB AREA = 23 SF

LANDSCAPED BERM AREA (REMOVE SHRUBS AS NEEDED FOR NEW CONCRETE COLUMNS RE-GRADE SWALE FOR POSITIVE DRAINAGE AWAY FROM CONCRETE SLAB & RESTORE WITH 80/20 MIX TOPSOIL AND PALMETTO SOD (TYP))

EXISTING PAVILION CONCRETE SLAB, SEATING & RAILING TO REMAIN PAINT CONCRETE WITH 2 COATS NON-SLIP EPOXY

BOTTOM OF COLUMN ELEV = 9.00'

PAVILION 3 POLYGON MODEL OTC-40, COASTAL PACKAGE. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY FIELD DIMENSIONS, ELEVATIONS, COLUMN HEIGHTS & SITE CONDITIONS.

CENTERLINE OF PROPOSED OTC-40 COLUMNS

EXISTING SIDEWALK TO REMAIN

EXISTING SIDEWALK TO REMAIN

ASSUMED ELEVATION BENCHMARK = 5.00'

BOTTOM OF COLUMN ELEV = 4.50' (3 TYP)

OTC-40 BEAM BOTTOM OF BEAM ELEV = 17.50'

MAKE SQUARE CUTS AROUND IN-GROUND LIGHT FIXTURES TO REMOVE AND DISPOSE FILL WITH CONCRETE (7 EA)

LANDSCAPED BERM AREA (REMOVE SHRUBS AS NEEDED FOR NEW CONCRETE COLUMNS RE-GRADE SWALE FOR POSITIVE DRAINAGE AWAY FROM CONCRETE SLAB & RESTORE WITH 80/20 MIX TOPSOIL AND PALMETTO SOD (TYP))

6" THK X 5.50' WIDE, 3,000 PSI CLASS 1 CONCRETE SLAB (2% SLOPE) = 235 SF
SAW CUT STRAIGHT 1.50" DEEP JOINTS AT BENDS LIGHT BROOM FINISH
PAINT CONCRETE WITH 2 COATS NON-SLIP EPOXY
6" THK X 6' WIDE 98% COMPACTED LIMEROCK BASE = 263 SF

OTC-40 ROOF LINE

POLYGON OTC-40 PAVILION COLUMN & CONCRETE FOUNDATION CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH VENDOR THE COLUMN LOCATIONS, FOUNDATION DESIGN, CALCULATION & ALL THE REQUIREMENTS FOR THE APPROVAL OF THE BUILDING PERMIT.

BOTTOM OF COLUMN ELEV = 7.50'

EXISTING PAVILION COLUMN ANCHORS TO BE CUT 1" BELOW CONCRETE SLAB, PATCHED AND PAINTED TO MATCH EXISTING SLAB (TYP)

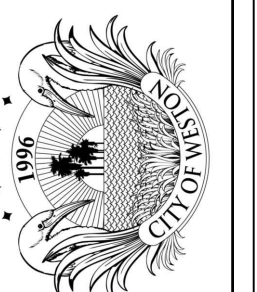
EXISTING WATER SUPPLY LINE TO REMAIN. RELOCATE & WALL MOUNT HOSE BIB. INSTALL LOCK BOX

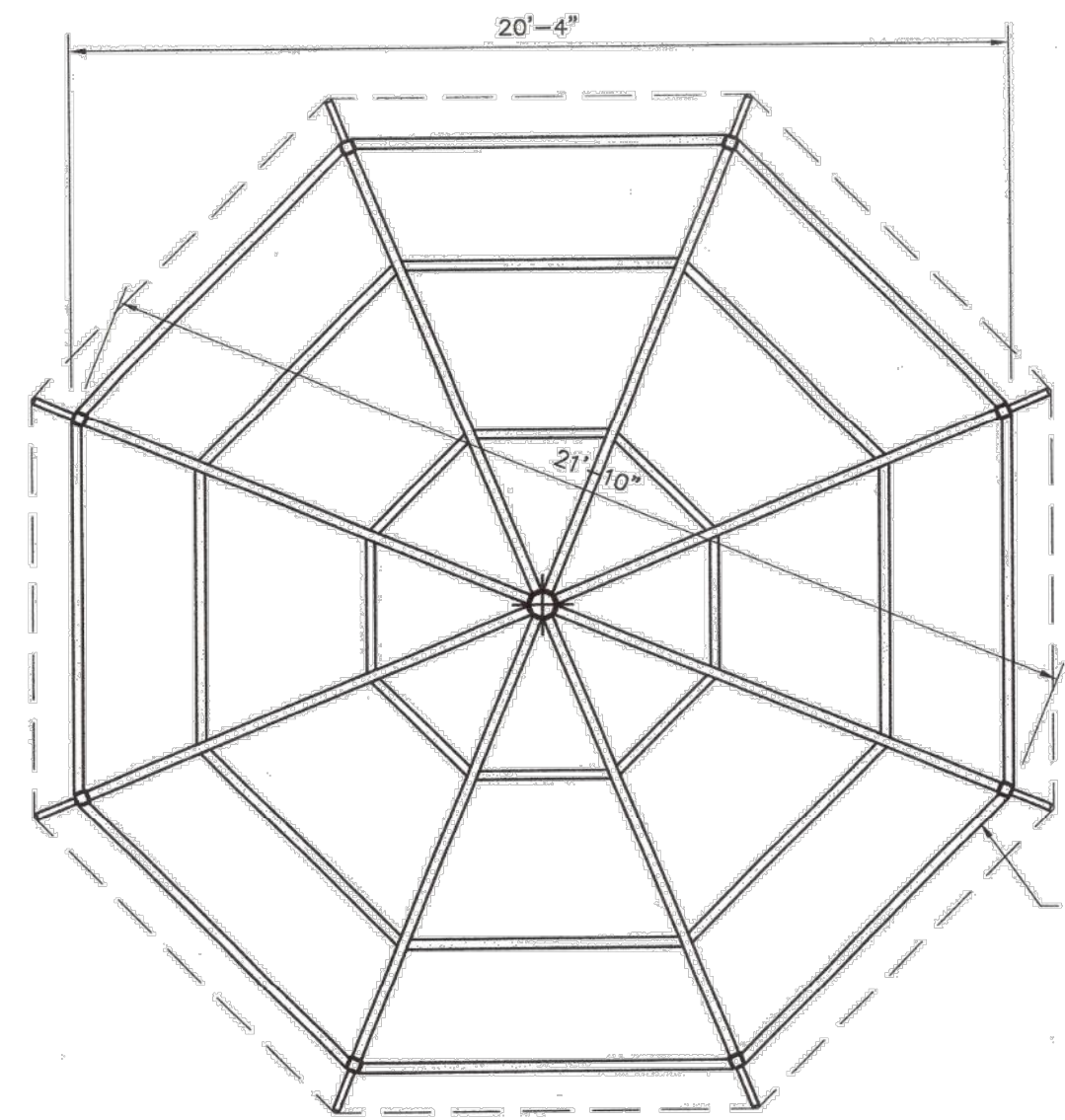
BOTTOM OF COLUMN ELEV = 9.00'

CENTERLINE OF EXISTING COLUMNS

NOTES:

1. CONTRACTOR SHALL FURNISH & INSTALL VENDOR SUPPLIED PAVILION UNIT INCLUDING FOUNDATION, ELECTRICAL CUTOUTS, HANDHOLES, CONDUIT, WIRING, LIGHT FIXTURE, RECEPTACLE, AND THE LIGHTNING PROTECTION SYSTEM.
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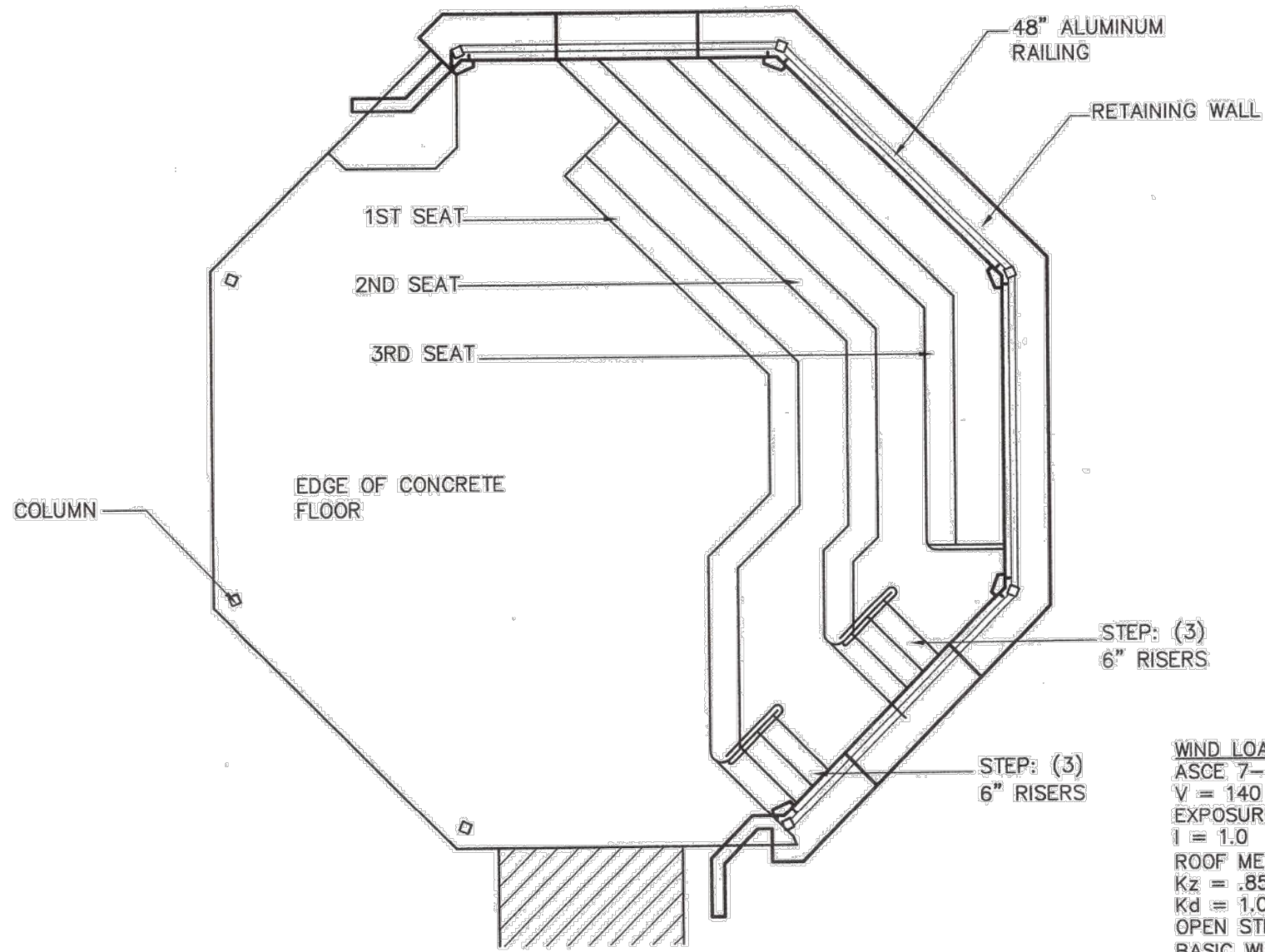




LARGE GAZEBO ROOF PLAN

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

LARGE SHELTER PREFAB FRAME SUBMIT SIGNED AND SEALED CALCULATIONS BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF FLORIDA.



REINFORCED CONCRETE FOOTINGS

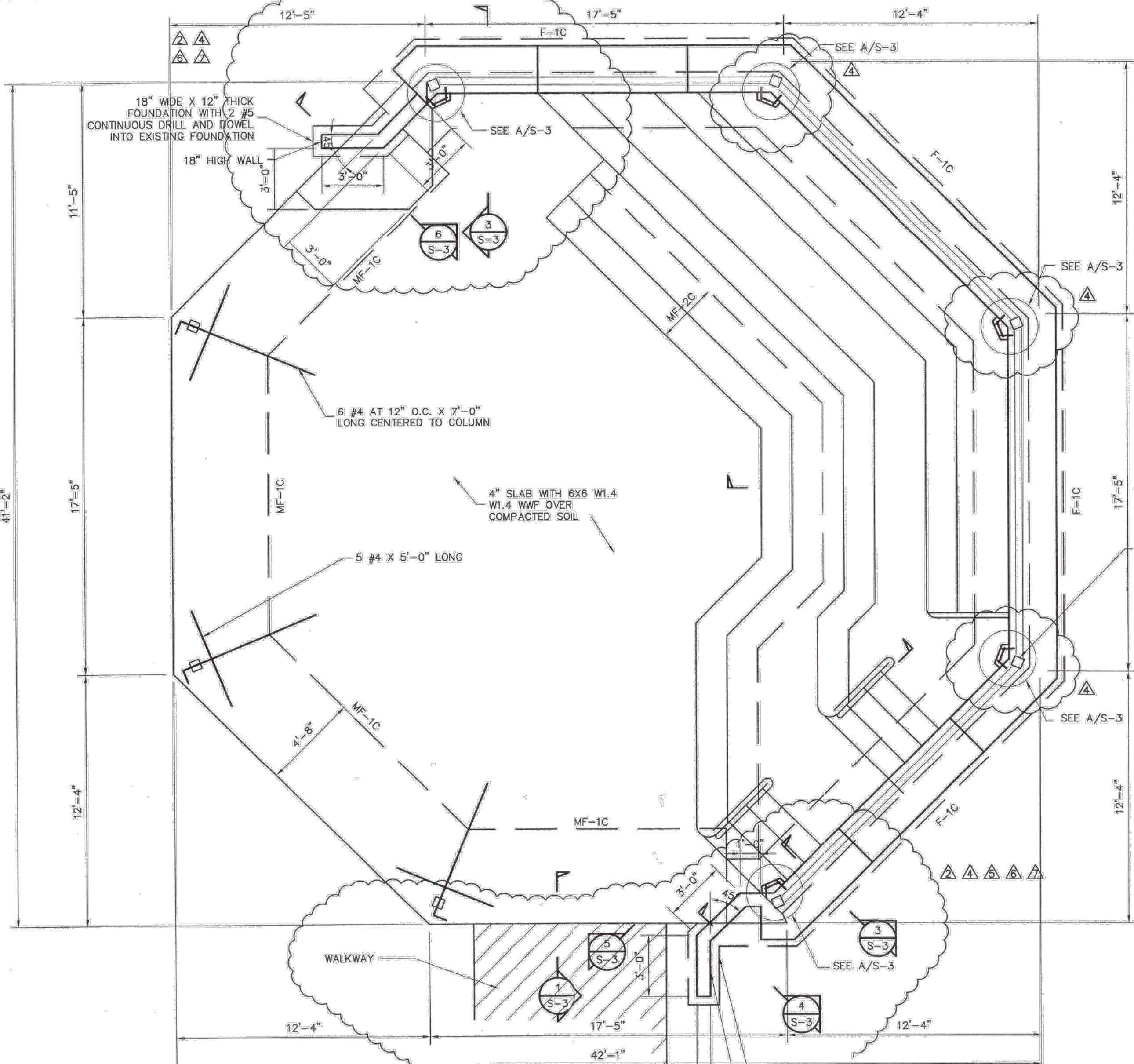
CORNER BARS SHALL BE REQUIRED AT ALL FOOTING INTERSECTIONS AT 30 EACH DIRECTION

MARK	SIZE	CONT	SW	LW	REMARKS
MF-1C	4'-8" WIDE X 24" DEEP	5 #5 BOT. CONTINUOUS	#4 TRANS AT 34" O.C.		
MF-2C	24" WIDE X 16" DEEP	3 #5	#4 AT 32" O.C.		
F-1C	4'-4" WIDE X 16" DEEP	5 #5	#5 AT 16" O.C.		

WIND LOADS:
ASCE 7-02
V = 140 MPH
EXPOSURE = C
I = 1.0
ROOF MEAN HEIGHT = 15'-0"
Kz = .85
Kd = 1.0
OPEN STRUCTURE
BASIC WIND PRESSURE = (.00256) (1.0) (.85) (140) (140) = 42.65 PSF

ROOF LOADS:
DEAD LOAD = 10 PSF
LIVE LOAD = 20 PSF

G.C. SHALL COORDINATE POST ANCHOR LAYOUT WITH POLYGON APPROVED DRAWINGS FOR ACTUAL LOCATIONS AND EMBEDMENT.



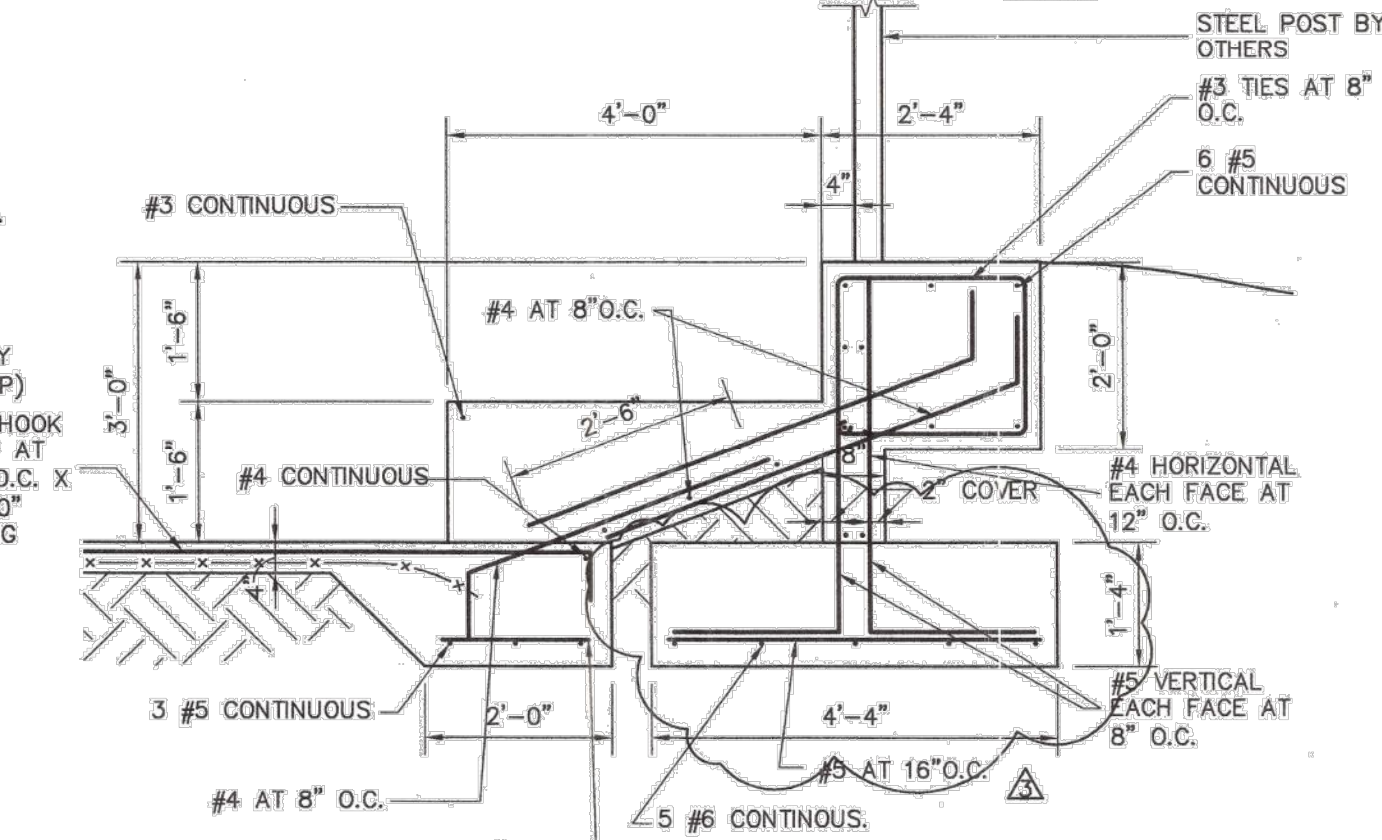
LARGE GAZEBO FOUNDATION PLAN

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

PREPARE VERTICAL SURFACE
-ROUGH EXISTING SURFACE
-CLEAN AND REMOVE ALL DUST.
-DRILL AND DOWEL WITH EPOXY
-APPLY BONDING AGENT THEN APPLY 4000 PSI CONCRETE

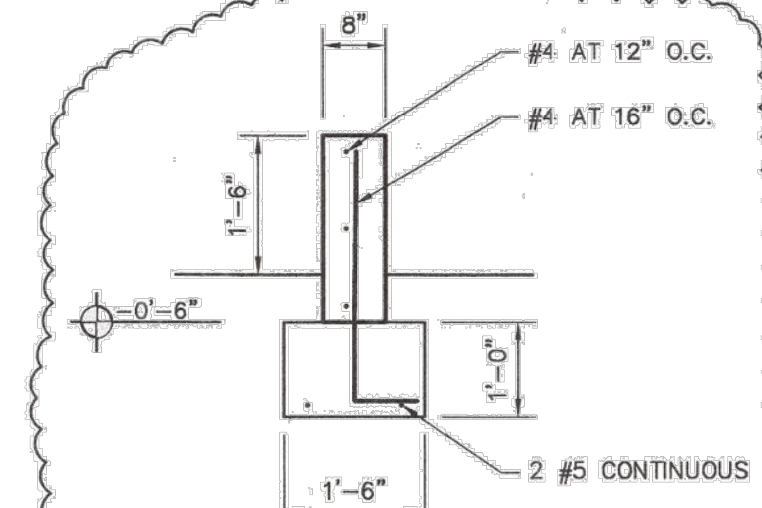
DETAIL A

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



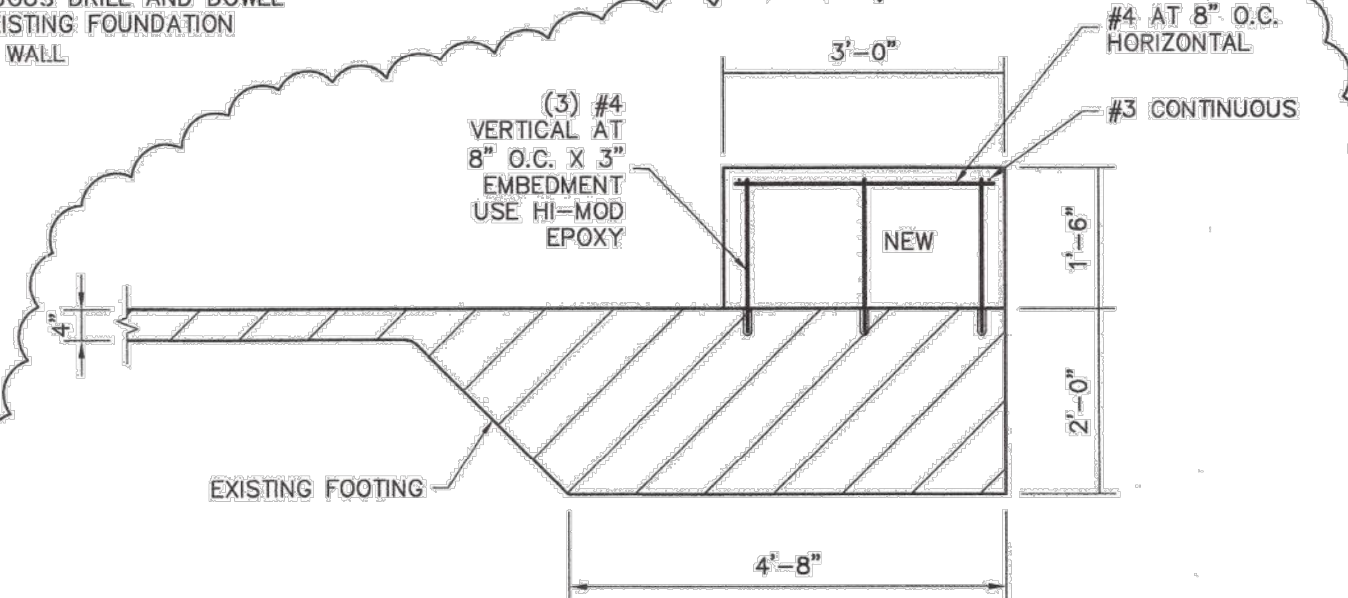
SECTION 3

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



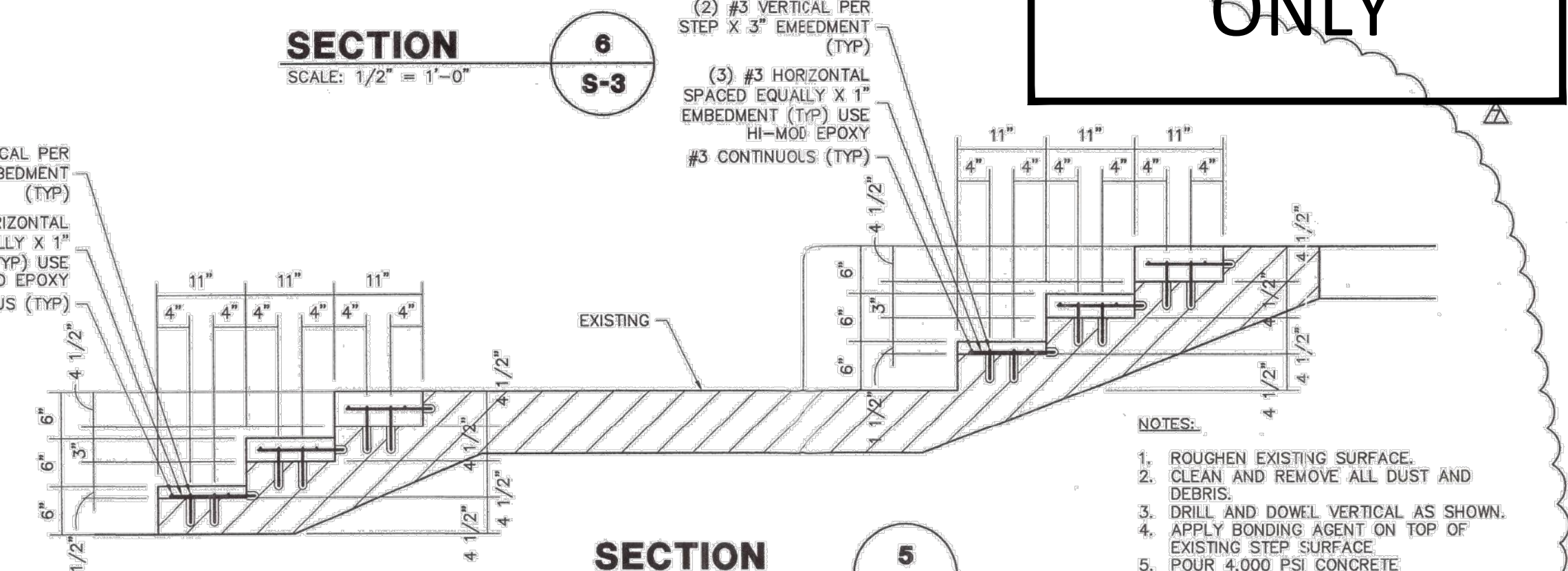
SECTION 4

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



SECTION 6

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



SECTION 5

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

FOR REFERENCE ONLY

- NOTES:
1. ROUGHEN EXISTING SURFACE.
 2. CLEAN AND REMOVE ALL DUST AND DEBRIS.
 3. DRILL AND DOWEL VERTICAL AS SHOWN.
 4. APPLY BONDING AGENT ON TOP OF EXISTING STEP SURFACE.
 5. POUR 4,000 PSI CONCRETE.

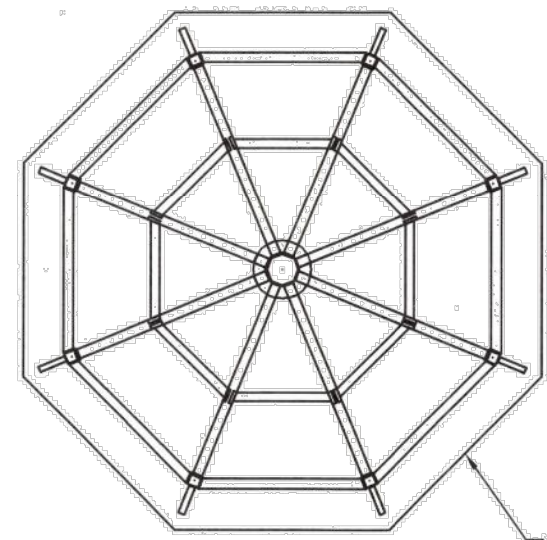
AS INSTRUMENTS OF SERVICE, ALL DRAWINGS, SPECIFICATIONS, AND COPIES THEREOF FURNISHED BY THE ENGINEER ARE TO BE USED ONLY FOR THE PROJECT AND NOT TO BE USED ON ANY OTHER PROJECTS. UNLESS SIGNED AND SEALED BY THE ENGINEER, CHANGES TO THE DRAWINGS MAY ONLY BE MADE BY THE ENGINEER. THE OWNER REPRESENTS THAT THEY HAVE REVIEWED AND APPROVED THE DRAWINGS, AND THAT THE CONSTRUCTION DOCUMENT PHASE OF THE PROJECT IS COMPLETE. THE CONTRACTOR REPRESENTS THAT HE HAS VISITED THE SITE, FAMILIARIZED HIMSELF WITH THE LOCAL CONDITIONS, VERIFIED FIELD DIMENSIONS, AND CORRELATED HIS OBSERVATIONS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. NOBRY ENGINEER PRIOR TO START OF THE WORK OF SUBMITTALS FOUND AND REQUEST CLARIFICATION. DO NOT SCALE THE DRAWINGS.

SAAD EL-HAGE CONSULTING ENGINEERS, INC.
5601 NW 8th AVE. (POWERLINE ROAD) SUITE 401
WESTON, FLORIDA 33332
OFFICE: (954) 771-8149 FAX: (954) 771-8169
EMAIL: SAAD@SELHAGE.COM
SAAD EL-HAGE P.E. #0260
CERTIFICATE OF AUTHORIZATION #00008801
JOB# S06-120

**CITY OF WESTON
WESTON LIBRARY PARK
WESTON, FL**

Prog./Rev.
DATE
10-23-07
11-14-07
02-14-08
03-04-08
03-13-08
08-06-08

Scale AS NOTED
Proj. No. S06-120
Drawn By
Date 12-22-06
Dwg. No. S-3

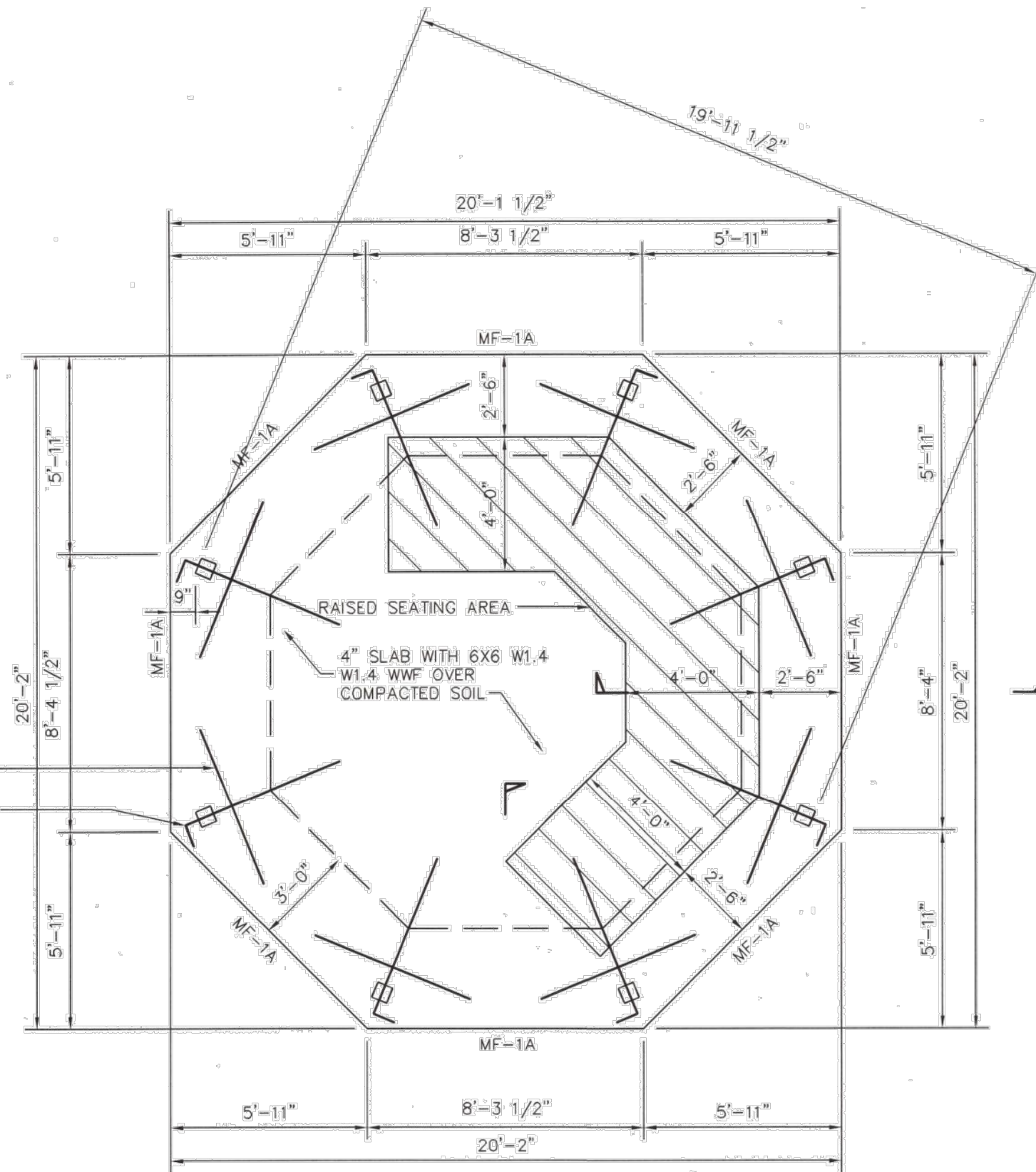


SMALL SHELTER
PREFAB FRAME SUBMIT SIGNED
AND SEALED CALCULATIONS
BY A LICENSED PROFESSIONAL
ENGINEER IN THE STATE OF
FLORIDA.

SMALL GAZEBO ROOF PLAN

OCT24 SCALE: 1/8" = 1'-0"

4 #4 (TOP) X 5'-0" LONG
#4 AT 12" O.C. X 5'-0" LONG (TYP)



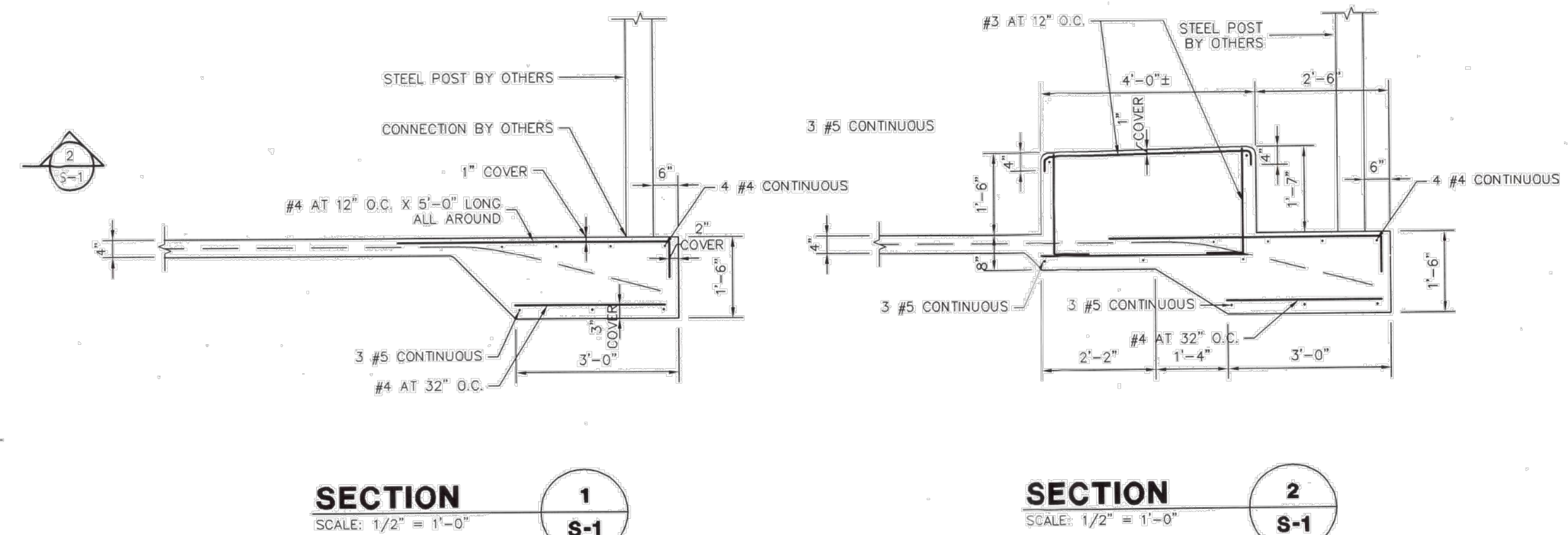
SMALL GAZEBO FOUNDATION PLAN

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

NOTE:

4" SLAB WITH 6X6, W1.4XW1.4WWF
OVER COMPACTED SOIL.

G.C. SHALL COORDINATE
POST ANCHOR LAYOUT WITH
POLYGON APPROVED DRAWINGS
FOR ACTUAL LOCATIONS AND
EMBEDMENT.



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

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

REINFORCED CONCRETE FOOTINGS					
CORNER BARS SHALL BE REQUIRED AT ALL FOOTING INTERSECTIONS AT 30 EACH DIRECTION					
MARK	SIZE	CONT	SW	LW	REMARKS
MF-1A	36" WIDE X 18" DEEP	3 #5 BOT.	#4 TRANS CONTINUOUS AT 32" O.C.		#4 TOP HOOK X 5'-0" LONG AT 12" O.C.

WIND LOADS:
ASCE 7-02
V = 140 MPH
EXPOSURE = C
I = 1.0
ROOF MEAN HEIGHT = 15'-0"
K_z = .85
K_d = 1.0
OPEN STRUCTURE
BASIC WIND PRESSURE = (.00256) (1.0) (.85) (140) (140) = 42.65 PSF

ROOF LOADS:
DEAD LOAD = 10 PSF
LIVE LOAD = 20 PSF

FOR
REFERENCE
ONLY

AS INSTRUMENTS OF SERVICE, ALL
DRAWINGS, SPECIFICATIONS, AND
COPIES THEREOF FURNISHED BY THE
ENGINEER ARE TO BE USED ONLY
FOR THE PROJECT AND NOT TO BE
USED ON ANY OTHER PROJECTS.
THESE DOCUMENTS ARE NOT VALID
UNLESS SIGNED AND SEALED BY
THE ENGINEER. CHANGES TO THE
DRAWINGS MAY ONLY BE MADE BY
THE ENGINEER. BY USE OF THE
DRAWING FOR CONSTRUCTION OF
THE PROJECT, THE OWNER
REPRESENTS THAT THEY HAVE
REVIEWED AND APPROVED THE
DRAWINGS, AND THAT THE
CONSTRUCTION DOCUMENT PHASE
OF THE PROJECT IS COMPLETE.
THE CONTRACTOR REPRESENTS THAT
HE HAS VISITED THE SITE,
FAMILIARIZED HIMSELF WITH THE
LOCAL CONDITIONS, VERIFIED FIELD
DIMENSIONS, AND CORRELATED
HIS OBSERVATIONS WITH THE
REQUIREMENTS OF THE CONTRACT
DOCUMENTS. NOTIFY ENGINEER
PRIOR TO START OF THE WORK OF
DISCREPANCIES FOUND AND
REQUEST CLARIFICATION. DO NOT
SCALE THE DRAWINGS.

SAAD ELIA EL-HAGE
CONSULTING ENGINEERS, INC.
5601 NW 8th AVE. (POWERLINE ROAD) SUITE 401
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OFFICE: (954) 771-8149 FAX: (954) 771-8189
EMAIL: SEHENG@GOLDSOUTH.NET

SAAD EL-HAGE P.E. #42550
CERTIFICATE OF AUTHORIZATION #00008801
JOB# S06-120

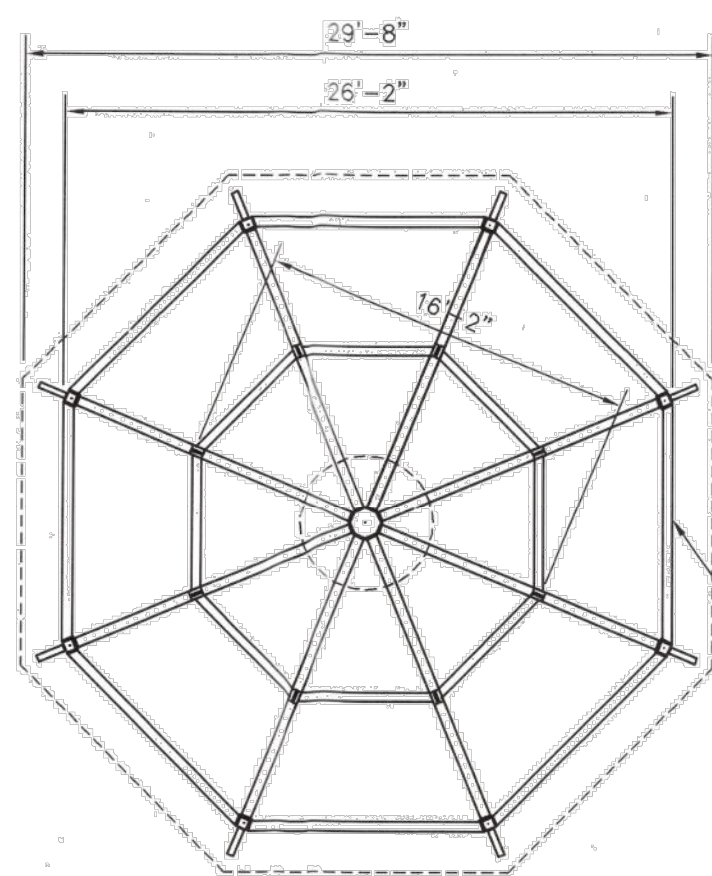
CITY OF WESTON
WESTON LIBRARY PARK
WESTON, FL

Prog./Rev.
DATE

Seal

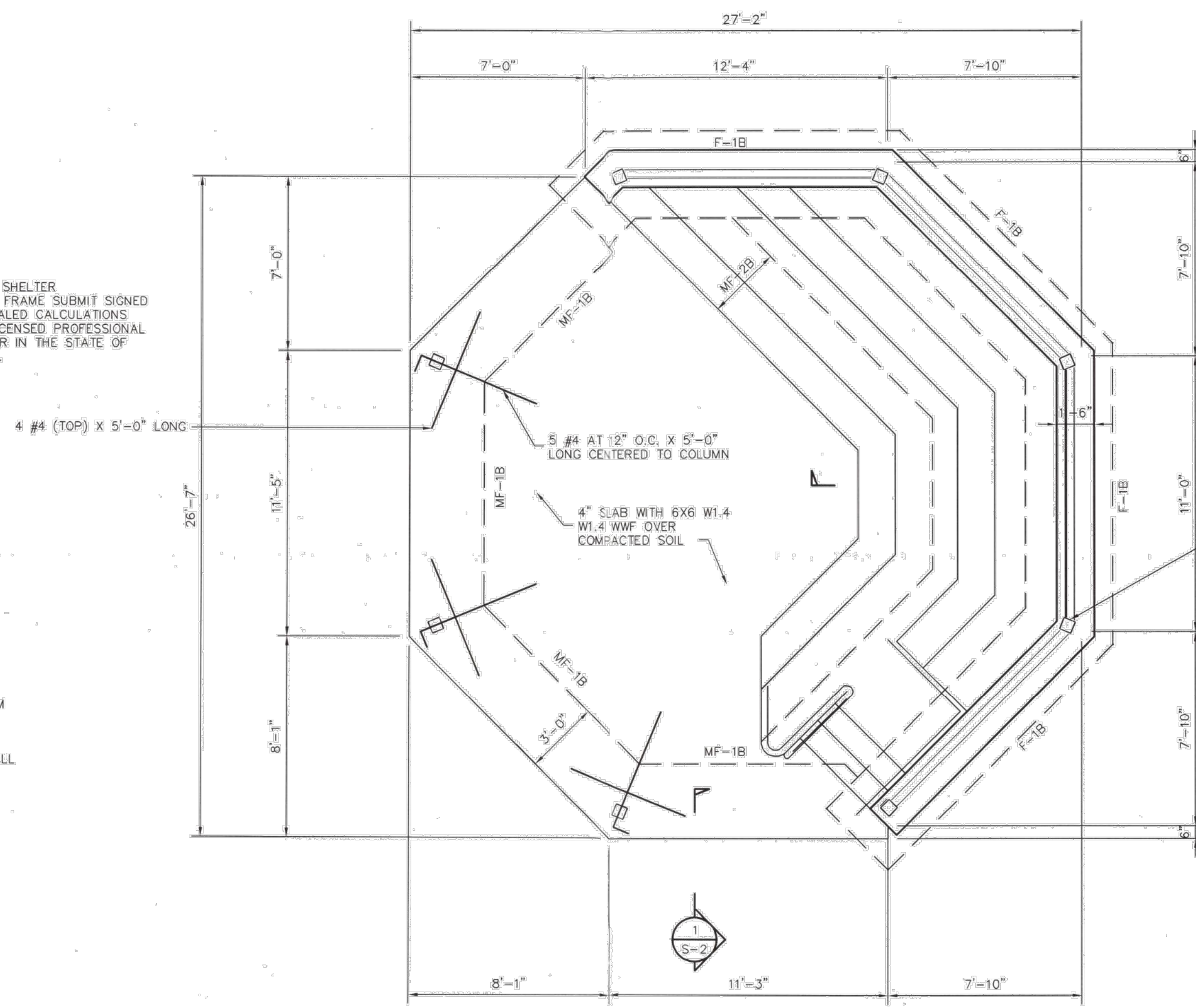
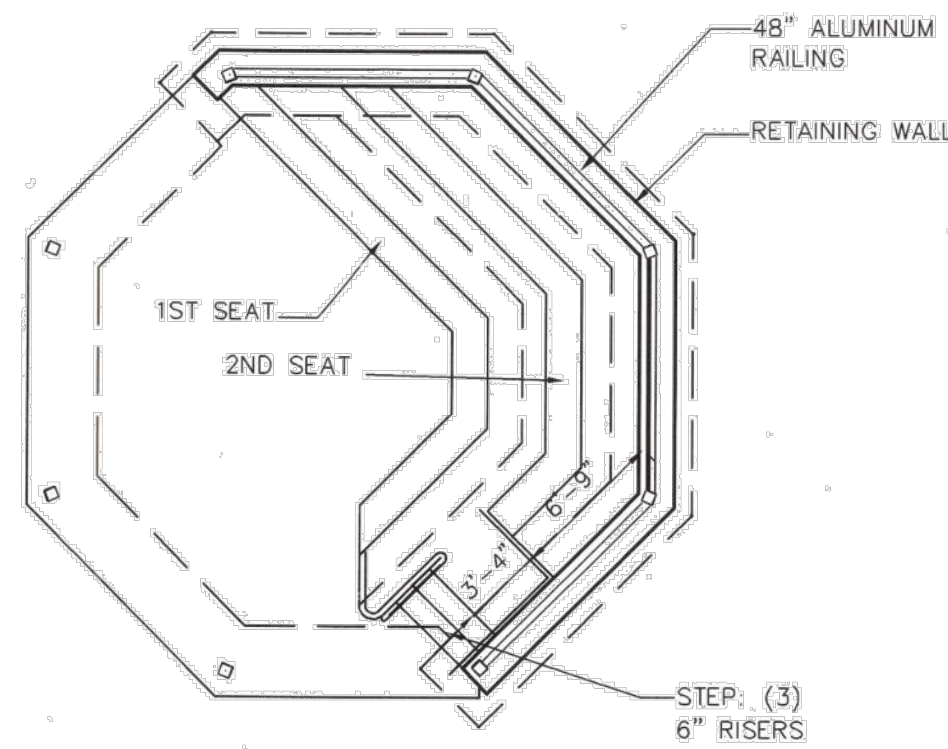
SAAD EL-HAGE P.E. # 42550
Scale AS NOTED
Proj. No. S06-120
Drawn By
Date 12-22-06
Dwg. No.

S-1



MEDIUM GAZEBO ROOF PLAN

OCT32 SCALE: 1/8" = 1'-0"



MEDIUM GAZEBO FOUNDATION PLAN

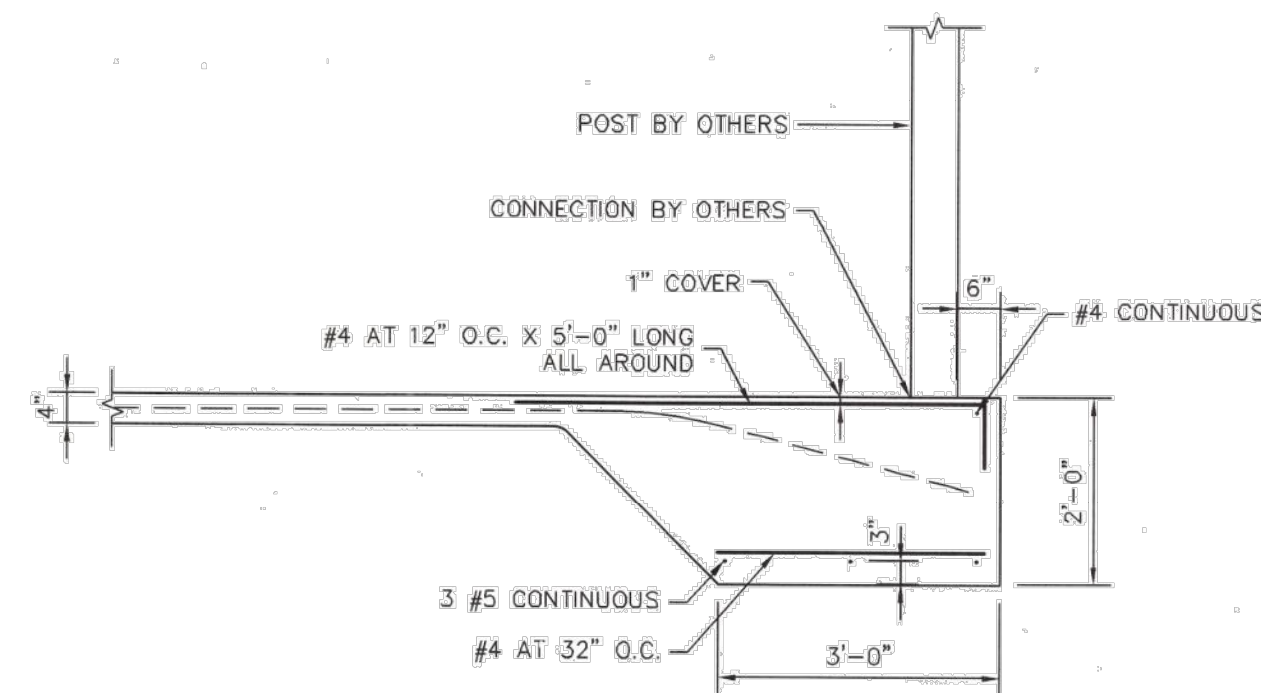
SCALE: 1/4" = 1'-0"

REINFORCED CONCRETE FOOTINGS					
CORNER BARS SHALL BE REQUIRED AT ALL FOOTING INTERSECTIONS AT 30 EACH DIRECTION					
MARK	SIZE	CONT	SW	LW	REMARKS
MF-1B	36" WIDE X 24" DEEP	3 #5 BOT. CONTINUOUS	#4 TRANS AT 32" O.C.		
MF-2B	3'-6" WIDE X 16" DEEP	4 #5	#4 TRANS AT 32" O.C.		
F-1B	3'-6" WIDE X 12" DEEP	4 #5 BOT. CONTINUOUS	#4 TRANS AT 24" O.C.		

WIND LOADS:
ASCE 7-02
V = 140 MPH
EXPOSURE = C
I = 1.0
ROOF MEAN HEIGHT = 15'-10"
Kz = .85
Kd = 1.0
OPEN STRUCTURE
BASIC WIND PRESSURE = (.00256) (1.0) (.85) (140) (140) = 42.65 PSF

ROOF LOADS:
DEAD LOAD = 10 PSF
LIVE LOAD = 20 PSF

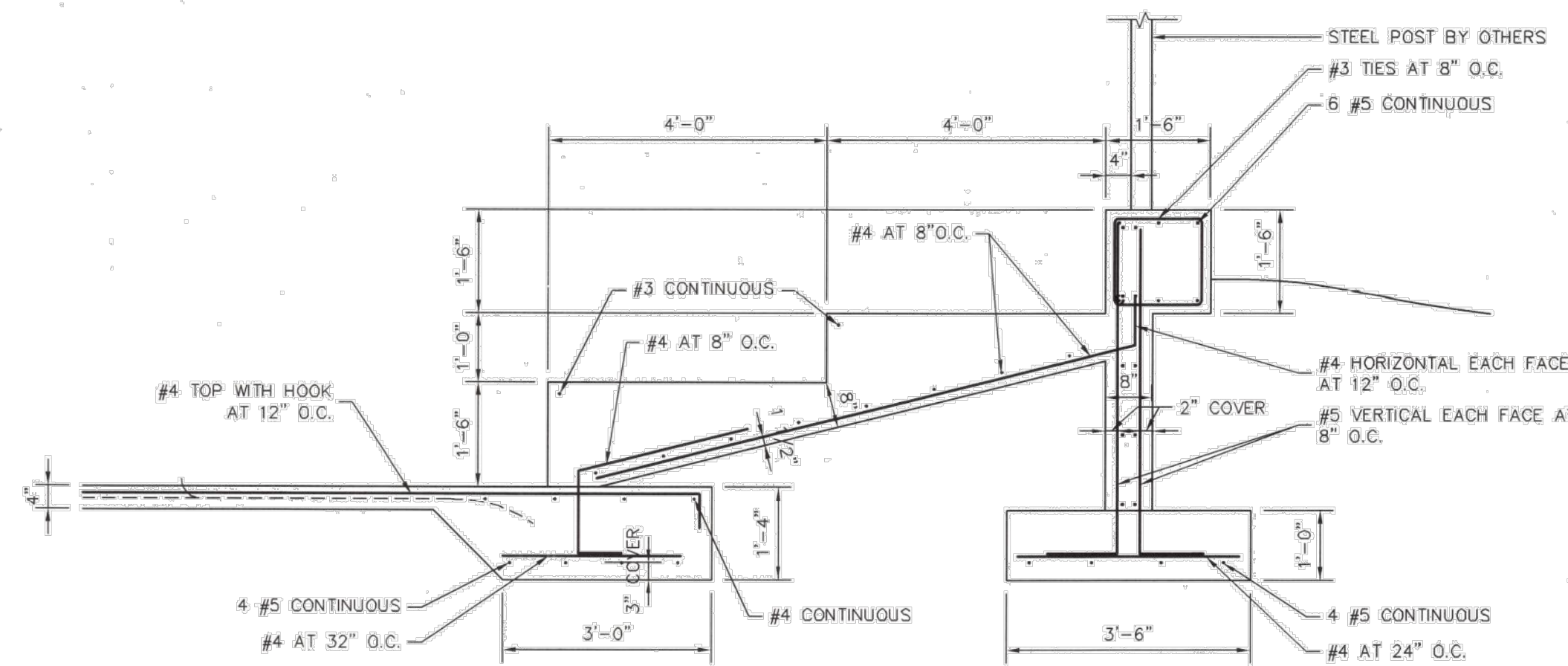
G.C. SHALL COORDINATE POST ANCHOR LAYOUT WITH POLYGON APPROVED DRAWINGS FOR ACTUAL LOCATIONS AND EMBEDMENT.



SECTION 1

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

1 S-2



SECTION 2

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

2 S-2

FOR REFERENCE ONLY

AS INSTRUMENTS OF SERVICE, ALL DRAWINGS, SPECIFICATIONS, AND COPIES THEREOF FURNISHED BY THE ENGINEER ARE TO BE USED ONLY FOR THE PROJECT AND NOT TO BE USED ON ANY OTHER PROJECTS. THESE DOCUMENTS ARE NOT VALID UNLESS SIGNED AND SEALED BY THE ENGINEER. CHANGES TO THE DRAWINGS MAY ONLY BE MADE BY THE ENGINEER. BY USE OF THE DRAWING FOR CONSTRUCTION OF THE PROJECT, THE OWNER REPRESENTS THAT THEY HAVE REVIEWED AND APPROVED THE DRAWINGS, AND THAT THE CONSTRUCTION DOCUMENT PHASE OF THE PROJECT IS COMPLETE. THE CONTRACTOR REPRESENTS THAT HE HAS VISITED THE SITE, FAMILIARIZED HIMSELF WITH THE LOCAL CONDITIONS, VERIFIED FIELD DIMENSIONS, AND CORRELATED HIS OBSERVATIONS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. NOTIFY ENGINEER PRIOR TO START OF THE WORK OF DISCREPANCIES FOUND AND REQUEST CLARIFICATION. DO NOT SCALE THE DRAWINGS.

SAAD EL-HAGE ENGINEERS, INC.
CONSULTING ENGINEERS, INC.
2000 W. WAVE (CORNER WAVE ROAD) SUITE 401
FORT LAUDERDALE, FL 33311
PHONE: 352-676-8686 FAX: 352-676-8688
SAAD EL-HAGE P.E. #42550
CERTIFICATE OF AUTHORIZATION #00008801
JOB# 506-120

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Drawn By
Date 12-22-06
Dwg. No.

S-2



Catalog Number
Notes
Type

Contractor Select™ CNY LED Canopy Lighting

The CNY LED canopy luminaires are versatile, energy-efficient solutions for surface-mount applications. Available in two sizes, these luminaires can replace a wide range of existing canopy luminaires; anything from CFL to 400W metal halide. An LED array light source coupled with a translucent polycarbonate lens creates visually comfortable illumination that is far superior to similar products that use a single bright LED and clear lenses. Smooth sides greatly enhance the aesthetic of this product making suitable for wider range of applications than industrial-looking finned products.

FEATURES:

- Energy efficient – Can save up to 80% when replacing metal halide
- LED array light source and translucent lens for visually comfortable illumination
- Quick-mount feature eliminates the need to open luminaire for installation
- DLC Premium listed



Catalog Number	UPC	Description	Replaces Up To	Lumens	Wattage	CCT	Voltage	Finish	Pallet qty.
CNY LED P1 40K MVOLT DDB M4	191848093320	CANOPY LUMINAIRE	150W METAL HALIDE	4,500	35W	4000K	120-277V	DARK BRONZE	48
CNY LED P2 40K MVOLT DDB M4	191848093344	CANOPY LUMINAIRE	250W METAL HALIDE	6,600	52W	4000K	120-277V	DARK BRONZE	48

Accessories: <i>Ordered and shipped separately.</i>	
CNYBCP	14 Inch x 14 Inch Beauty Cover Plate

Performance Package	Lumens	Input Power	Lumens Per Watt
CNY LED P0	3,500	27W	130
CNY LED P1	4,500	35W	127
CNY LED P2	6,600	52W	128
CNY LED P3	11,000	86W	128
CNY LED P4	13,900	109W	128



Specifications

INTENDED USE:

CNY LED canopy luminaires are ideal for surface mount applications such as canopies over building entrances, walkways, loading docks and covered parking areas. The product's traditional style does not detract from current building aesthetics, creating a seamless upgrade. These products are ideal energy-efficient replacements of existing surface-mount products; from compact fluorescent to 250W metal halide.

CONSTRUCTION:

CNY LED canopy luminaires have a cast-aluminum housing with a polyester powder coat finish for lasting durability. Translucent polycarbonate lens is designed for uniform light distribution while providing visually comfortable illumination. The lens is sealed to the housing with a one-piece gasket to prevent the entrance of insects or external contaminants. Available in two sizes: 10" x 10" (P1, P2).

ELECTRICAL:

The CNY LED canopy luminaires use an array of LED's on a metal core circuit board, creating a dispersed light source which reduces surface brightness. High-efficiency LEDs maintain 70% of light output at 50,000 hours of service life (L70/50,000 hours). A Correlated Color Temperature (CCT) of 4000K matches that of metal halide for seamless upgrade. CNY LED canopy luminaires use MVOLT (120-277V) electronic driver that is 0-10V, capable of continuous dimming and ensure system power factor >90% and THD <20%. CNY is CRI 80.

INSTALLATION

The CNY LED canopy luminaires feature a quick-mount mechanism that makes mounting to a recessed junction box both quick and trouble-free. Luminaire leads exit the back of the casting through a water-tight connector. The quick-mount mechanism allows the electrical connections to be made and the luminaire fastened in place without the need for disassembling the luminaire. Three 3/4" NPT conduit entry points allow surface-conduit wiring. The luminaires can be also be pendant mounted with 3/4" NPT pendant stems (provided by others).

LISTINGS:

UL Listed to U.S. and Canadian safety standards for wet locations. Tested in accordance with IESNA LM-79 and LM-80 standards. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. Can be used to comply with California Title 24 Part 6 High Efficacy LED Light Source Requirements.

WARRANTY:

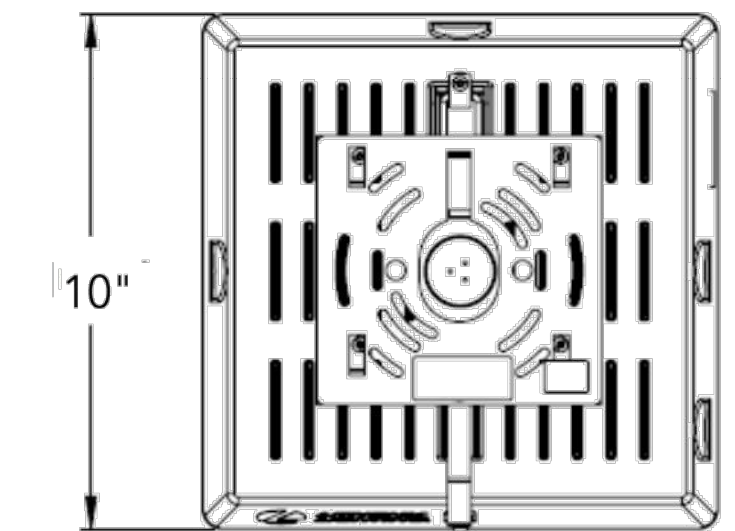
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

Dimensions

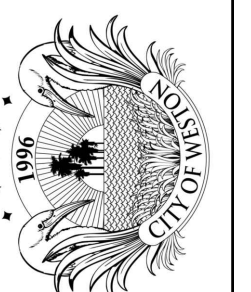
CNY LED P1/P2

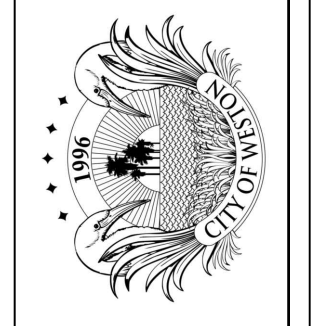
Width: 10"
Height: 4 11/16"
Depth: 10"
Weight: 6.5lbs



All dimensions are inches (centimeters) unless otherwise indicated.

**VENDOR TO PROVIDE
PHOTOMETRICS FOR
THIS FIXTURE
OVERLAYED ON THE
PAVILION STRUCTURES**

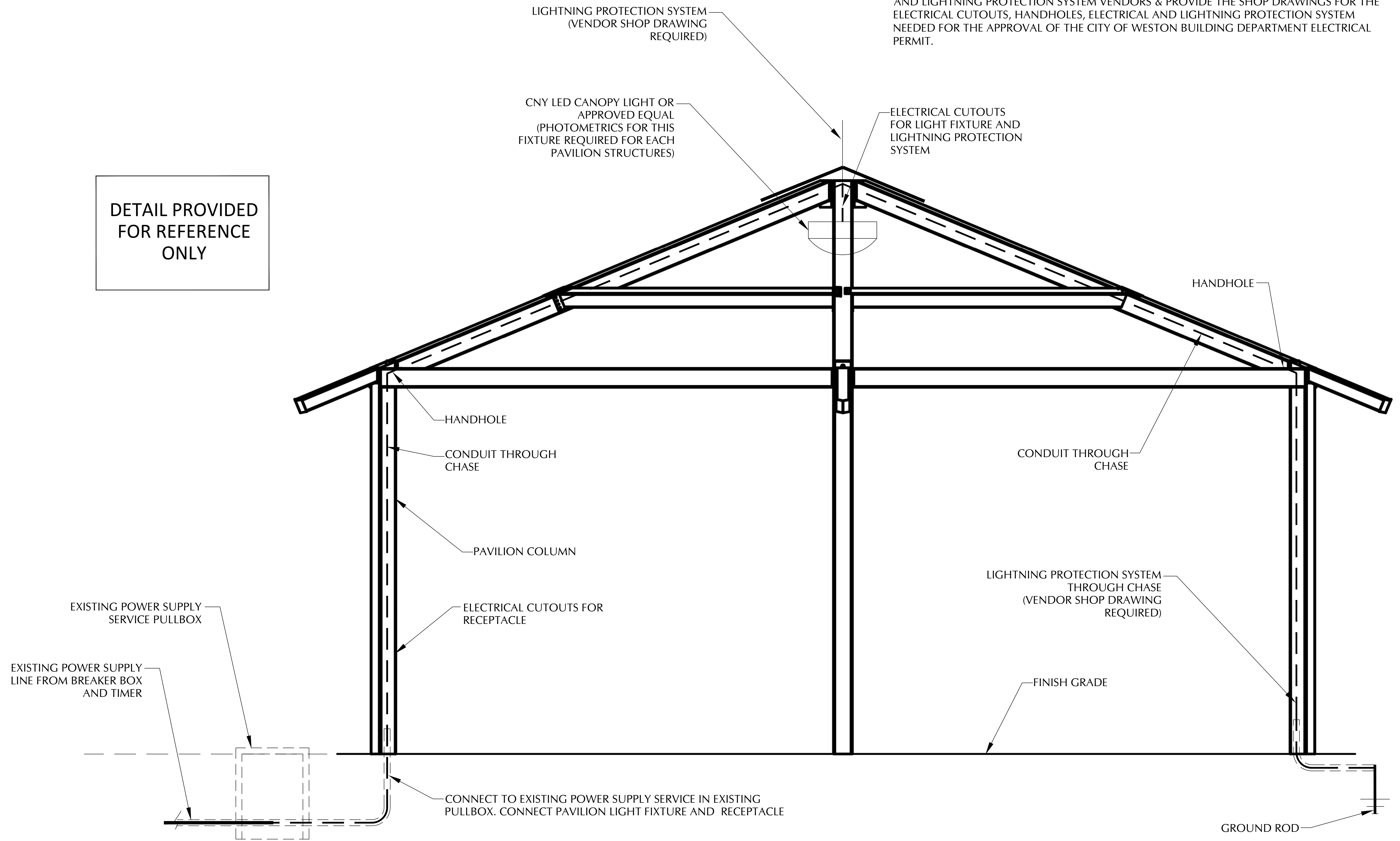




NOTE:

1. THIS DRAWING IS FOR BID REFERENCE ONLY.
2. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE PAVILION, ELECTRICAL AND LIGHTNING PROTECTION SYSTEM VENDORS & PROVIDE THE SHOP DRAWINGS FOR THE ELECTRICAL CUTOUTS, HANDHOLES, ELECTRICAL AND LIGHTNING PROTECTION SYSTEM NEEDED FOR THE APPROVAL OF THE CITY OF WESTON BUILDING DEPARTMENT ELECTRICAL PERMIT.

DETAIL PROVIDED
 FOR REFERENCE
 ONLY



LIGHTNING PROTECTION SYSTEM
 (VENDOR SHOP DRAWING
 REQUIRED)

CNY LED CANOPY LIGHT OR
 APPROVED EQUAL
 (PHOTOMETRICS FOR THIS
 FIXTURE REQUIRED FOR EACH
 PAVILION STRUCTURES)

ELECTRICAL CUTOUTS
 FOR LIGHT FIXTURE AND
 LIGHTNING PROTECTION
 SYSTEM

HANDHOLE

HANDHOLE

CONDUIT THROUGH
 CHASE

CONDUIT THROUGH
 CHASE

PAVILION COLUMN

ELECTRICAL CUTOUTS FOR
 RECEPTACLE

LIGHTNING PROTECTION SYSTEM
 THROUGH CHASE
 (VENDOR SHOP DRAWING
 REQUIRED)

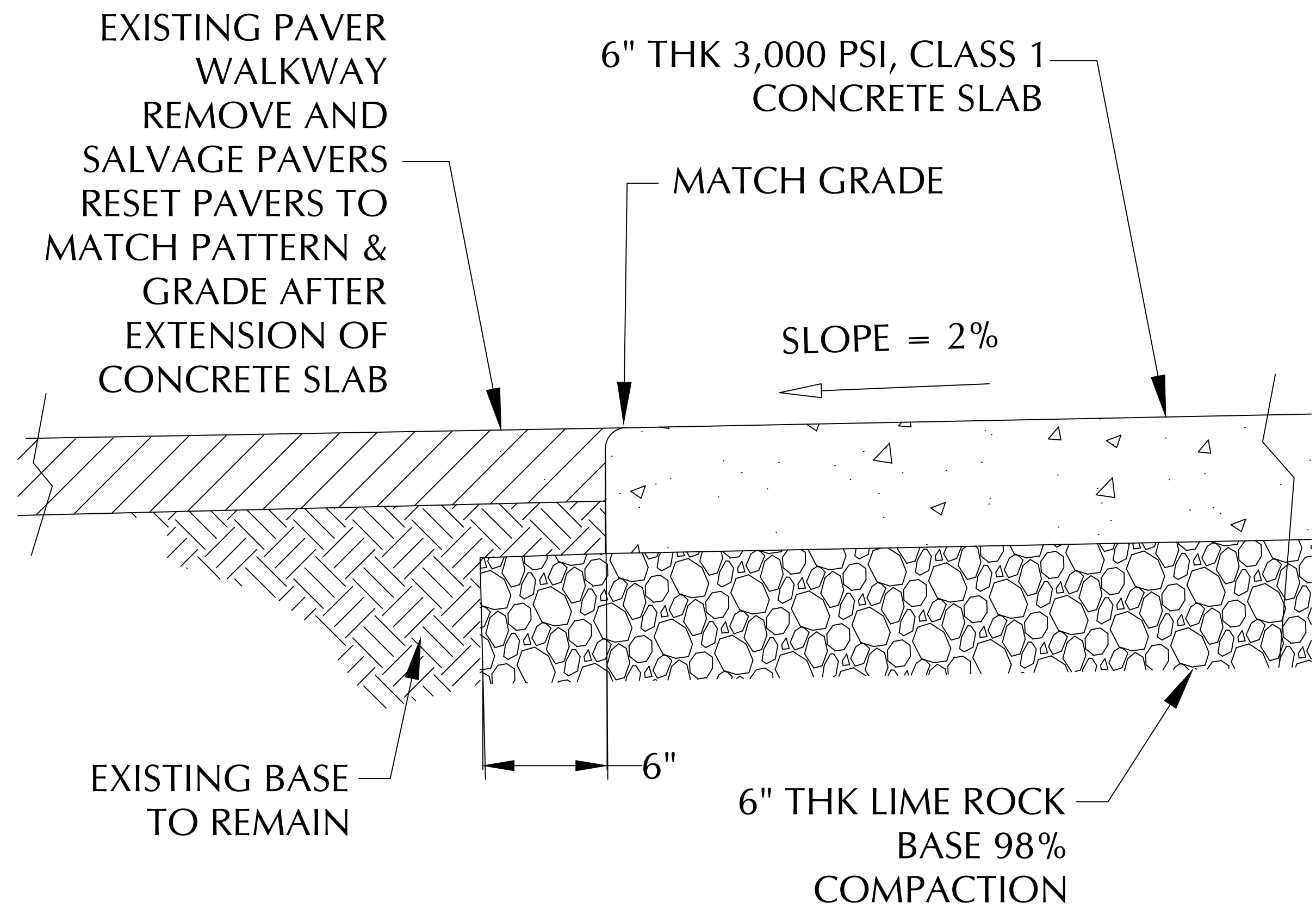
FINISH GRADE

GROUND ROD

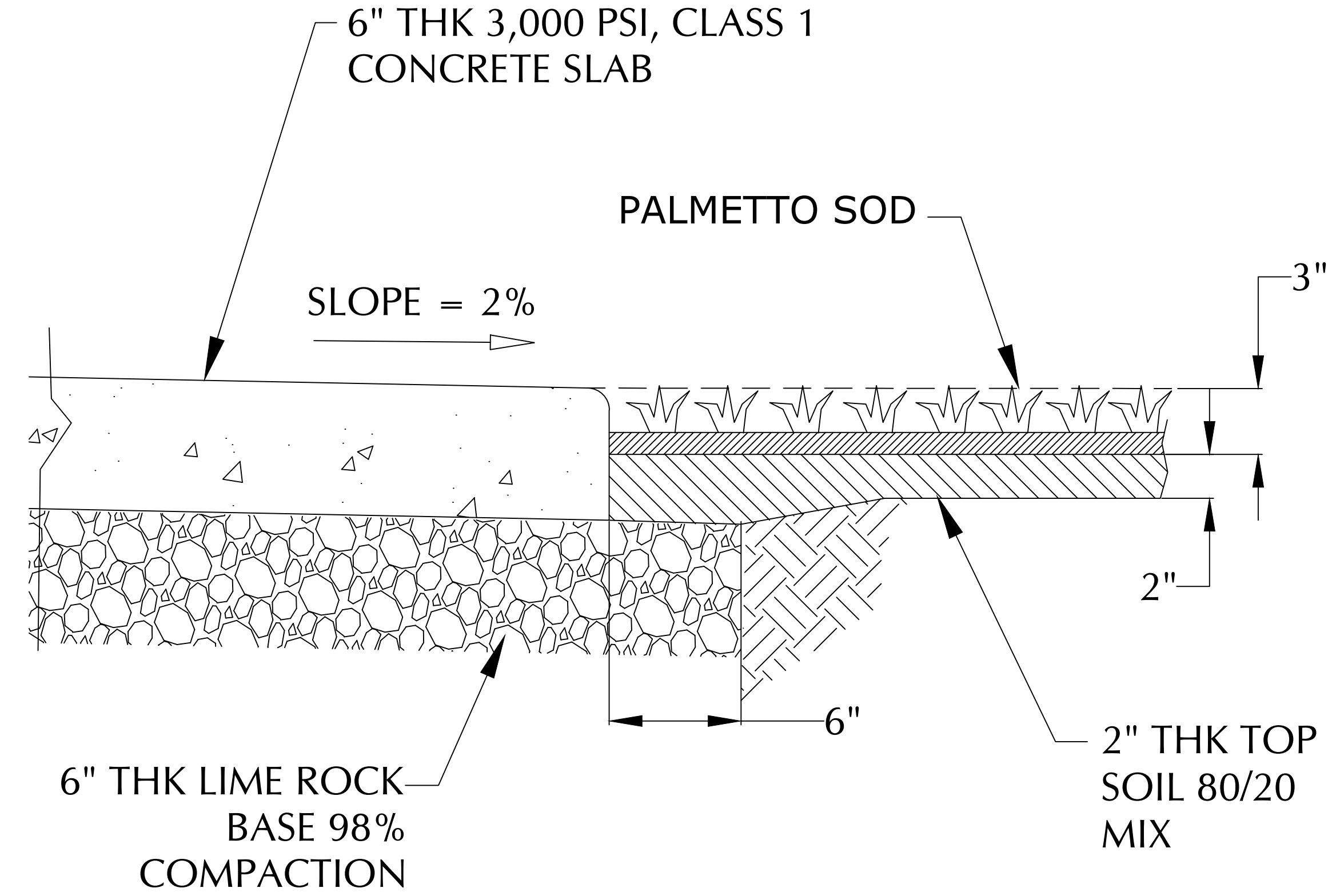
EXISTING POWER SUPPLY
 SERVICE PULLBOX

EXISTING POWER SUPPLY
 LINE FROM BREAKER BOX
 AND TIMER

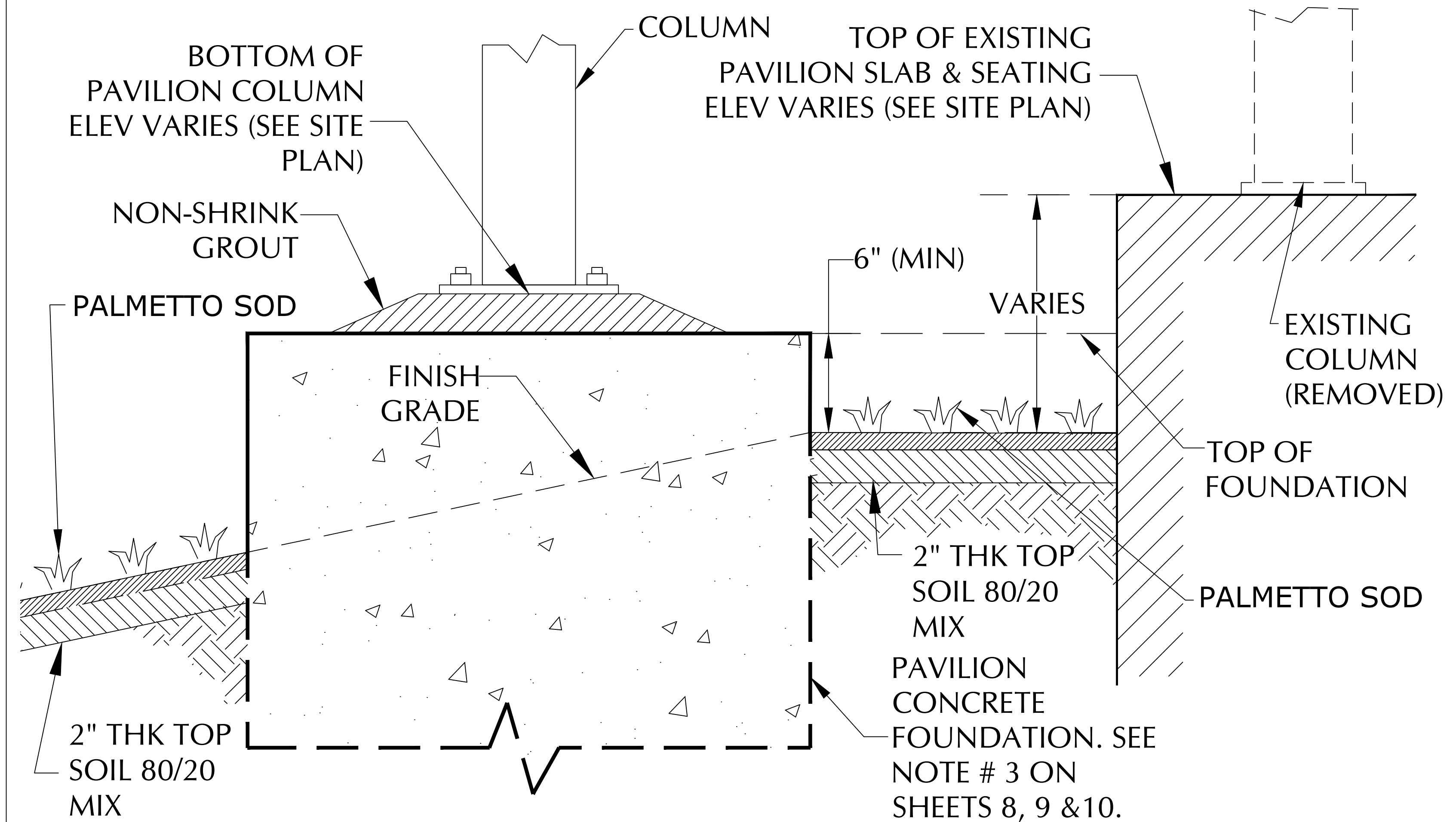
CONNECT TO EXISTING POWER SUPPLY SERVICE IN EXISTING
 PULLBOX. CONNECT PAVILION LIGHT FIXTURE AND RECEPTACLE



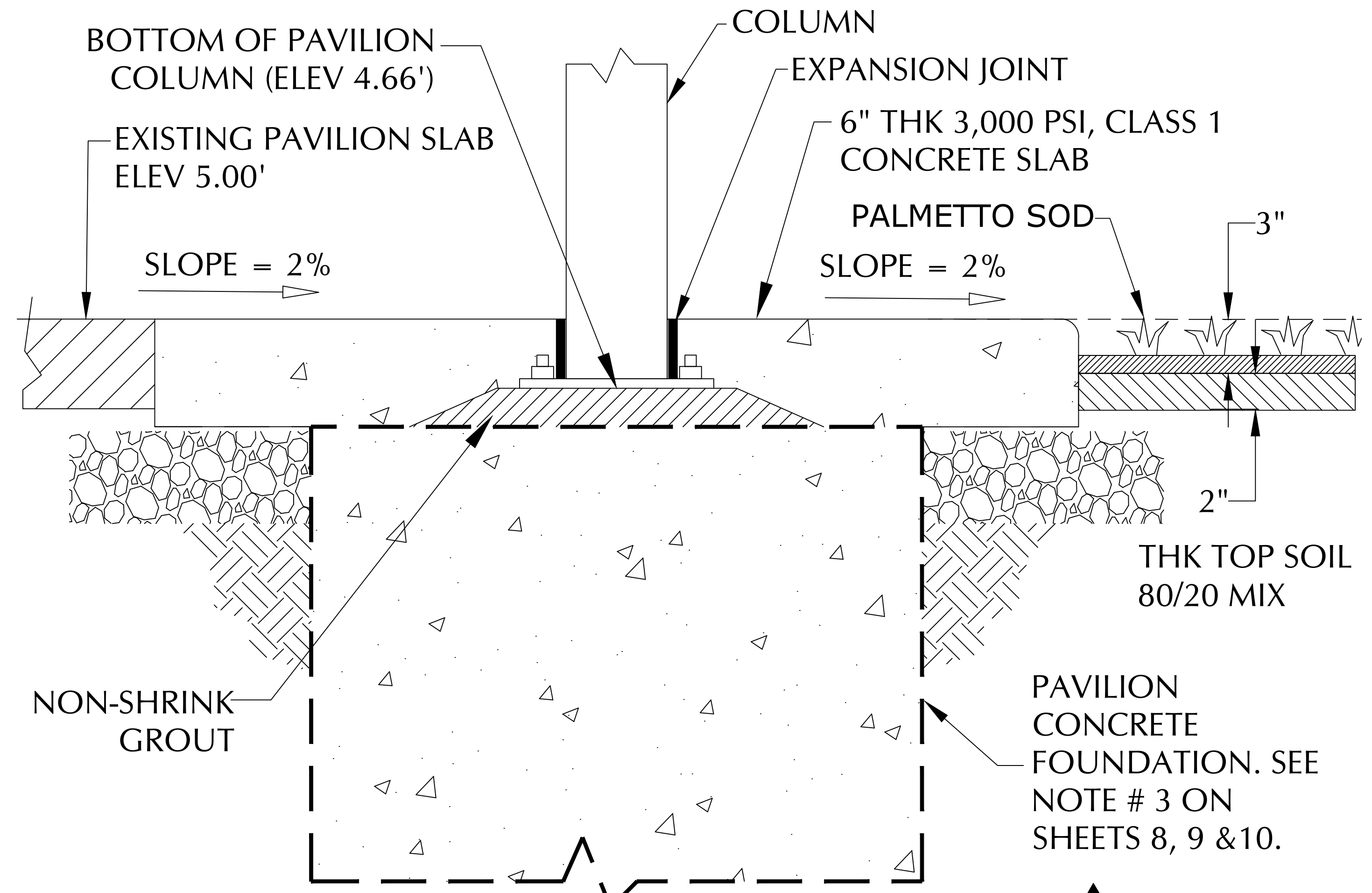
TYPICAL CROSS-SECTION CONCRETE SLAB TO WALKWAY



TYPICAL CROSS-SECTION CONCRETE SLAB TO SOD



TYPICAL CROSS-SECTION RESTORATION **A**



TYPICAL CROSS-SECTION RESTORATION **B**

Engineering Division	Date: 11-02-23
Drawn by: J. Casio	Date: 11-02-23
Checked by: RC	Date:
As-built drawn by:	Date:
Field Inspector:	Date:
Field Book No.:	

SITE RESTORATION DETAILS
 LIBRARY PARK PAVILION REPLACEMENTS
 4255 Bonaventure Boulevard, Weston FL 33332

CITY OF WESTON
 DEPARTMENT OF PUBLIC WORKS
 2599 South Post Road, Weston, Florida 33327

