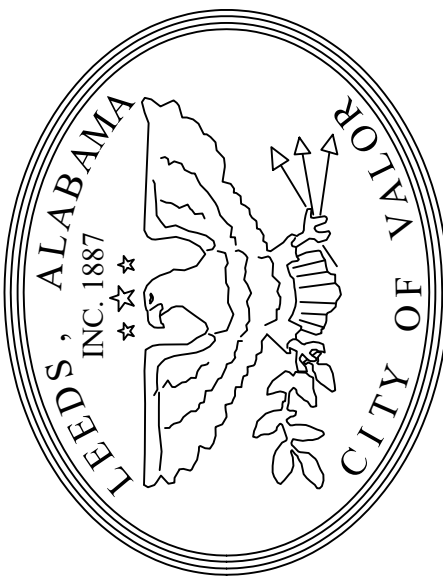


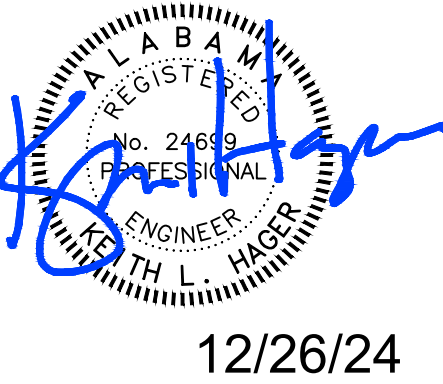
City of Leeds

Pickleball Courts @ Leeds Civic Center

A PROJECT FOR:
The City Of
Leeds



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SUBJECT TO LEGAL ACTION.
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DATE	NUMBER	DESCRIPTION

DETAILS

PROJECT:
New Pickleball Center

Location:
Leeds, Alabama

HagerCo-LLC
Civil & Structural Engineers
keithhager@hagerco.com
1025 1st Avenue
Birmingham, AL 35216

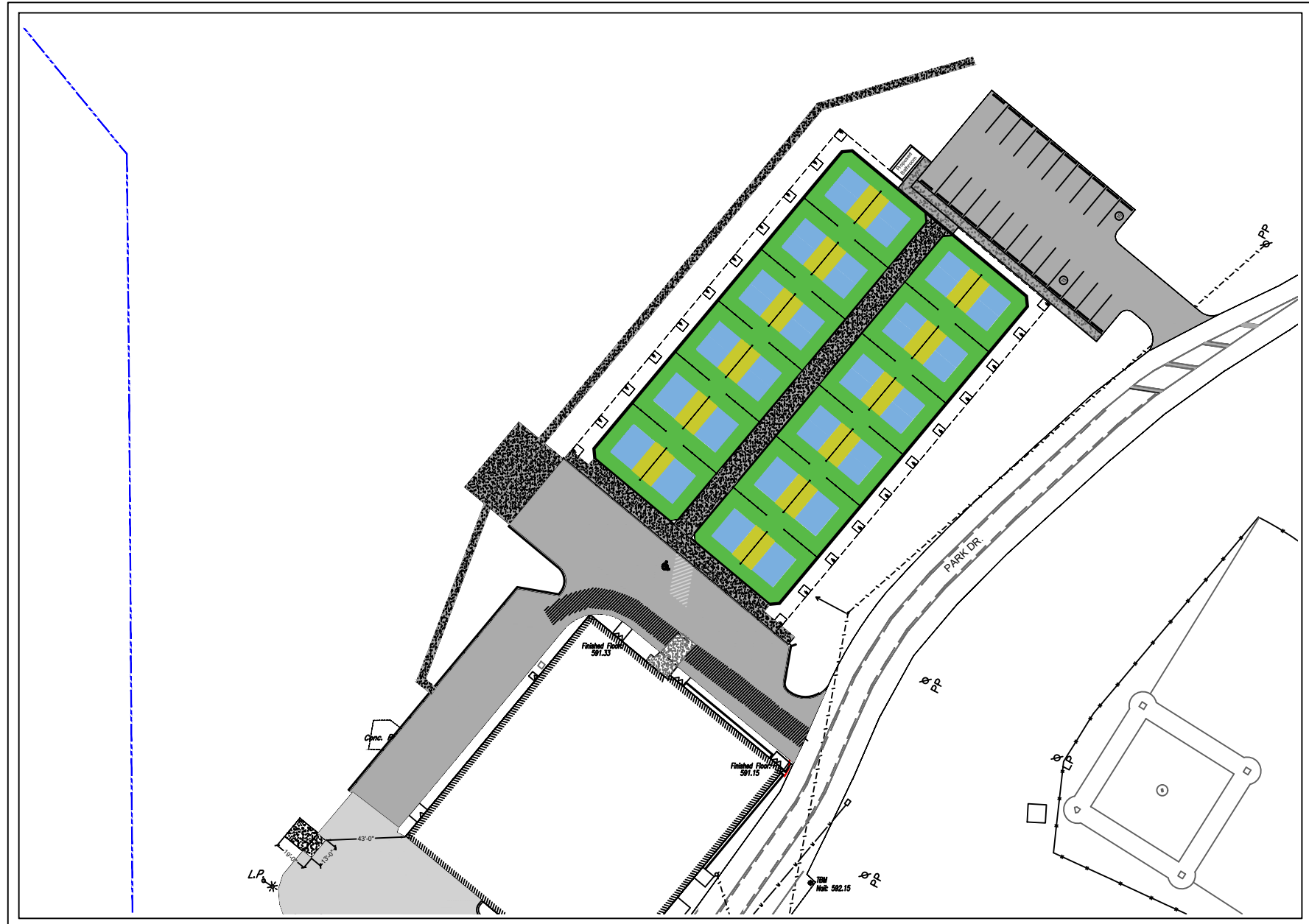
Title Sheet

C0.0
Sheet 1 of 16

Index to to Sheets	
Sheet Number	Sheet Title
01 - C0.0	Cover Sheet
02 - C0.1	General Details
03 - C1.0	Site Plan
04 - C1.1	Demo Plan
05 - C1.2	CBMPP
06 - C1.3	Grading Plan
07 - C1.4	Typical Sections
08 - C2.0	Court Layout
09 - C2.1	Court Details (1 of 2)
10 - C2.2	Court Details (2 of 2)
11 - A1.0	Building Elevations
12 - S1.0	Foundation Plan
13 - S1.1	Foundation Details
14 - E1.0	Electrical Plan
15 - E1.1	Riser Diagram - Panel
16 - LS1.0	Landscaping Plan



Site Location:
Leeds Civic Center



Area Map

PROJECT SUMMARY

THE PROJECT DESCRIBED ON THIS DRAWING IS A LANDSCAPE DEVELOPMENT PROJECT THAT COVERS WORK DESCRIBED AS:

WORK WILL BE COMPETITIVELY BID WITH THE OWNER DETERMINING THE WINNING SUBCONTRACTOR AT THEIR SOLE DISCRETION. THE CONTRACT AMOUNT SHALL BE BASED UPON A STIPULATED SUM THAT IS INDICATED ON THE PROJECT'S BID FORM. THE WORK AGREEMENT SHALL BE BETWEEN THE SELECTED CONTRACTOR AND THE PROJECT OWNER. THE OWNER HAS RETAINED THE SERVICES OF HAGERCO, LLC TO ASSIST IN CONSTRUCTION OBSERVATION AND CONTRACT ADMINISTRATION.



- HagerCo, LLC shall not be in control of, or charge of, and shall not be responsible for actual construction means, methods, techniques, procedures, or safety precautions and programs in connection with the work, or for the acts or omissions of contractors or any other persons not under the employment of HagerCo, LLC.
2. Work performed under this contract shall interface smoothly with any other work being performed by other contractors/subcontractors and utility companies. It will be necessary for the contractor to coordinate and schedule his/her activities accordingly.
3. Contractor, shall without additional expense to the owner, be responsible for obtaining all necessary licenses and permits, including building permit and for complying with any applicable federal, state and local codes and regulation in connection with the prosecution of work.
4. Contractor shall not willingly proceed with any construction when it is obvious that unknown obstructions and/or differences exist that may not have been known during design. Such conditions shall be immediately brought to the attention of the engineer of record. The contractor shall assume full responsibility for all necessary revisions due to failure to give such notification.
5. Contractor shall bring any discrepancies in plans, site conditions, and prior work to the engineer of record's attention before any additional work is performed. Contractor shall notify engineer of record if any discrepancies are found in the field which may impede the progress of construction due to unforeseen circumstances. Clarification shall be writing prior to proceeding with work. If contractor proceeds with work without prior written approval of clarification, work shall be corrected or replace at contractor's time and expense.
6. Contractor is responsible for locating and marking all existing utilities prior to start of construction. The contractor is cautioned that the location and/or elevation of existing utilities are shown on these plans is based on records of various utility companies and, where possible, measurements taken in the field. The information is not to be relied on as being exact or complete. The location of all existing utilities must be verified in the field by the contractor prior to beginning construction. Any damage incurred to existing utilities shall be repaired properly and immediately at no additional cost to the owner.
7. Contractor is responsible for the repair of any property damage caused from construction including but not limited to ROW, public utilities, pavement, fences, curb gutter, etc.
8. Contractor is responsible for contacting all appropriate utility companies prior to start up of construction.
9. Contractor is responsible for damage to any existing item and material inside or outside construction limits.
10. Contractor shall coordinate removal, relocation and connection of utilities with appropriate utility company.
11. Contractor shall coordinate new and existing utility service with local inspector for the approved utility plans for this project.
12. Contractor shall verify benchmark for site elevations prior to ground breaking.
13. Topographic datum shown hereon is assumed unless otherwise noted.
14. All elevations are in feet.
15. All contour lines are in one foot intervals unless marked otherwise noted.
16. Contractor shall verify scope of work prior to construction.
17. All dimensions are to BACK of curb, unless noted otherwise.
18. All pipe lengths are horizontal distances and are approximate.
19. Do not scale drawings for actual dimensions as it is a reproduction and subject to distortion.
20. Final limits of demolition to be determined based on field stakeout of proposed grading, utility and site improvement.
21. All construction and improvements shall be in accordance with all local city and/or county standards and specifications and utility companies having jurisdiction.
22. Prior or start up of construction contractor shall verify that all required permits and approvals have been obtained from all regulatory authorities.
23. Contractor shall maintain the site in a manner so that workmen and the public are protected from injury and so that OSHA regulations are being followed.
24. Contractor shall insure positive drainage along proposed curb and gutter.
25. Contractor shall blend new earthwork smoothly with the existing grades.
26. Approval of this plan is not authorization to grade adjacent properties. When field conditions warrant off-site grading, permission must be obtained from the affected property owners.
27. The proposed contours shown in drives, parking lots, and sidewalks are finished elevations including asphalt, or concrete. Refer to pavement cross-section data and /or paving details to establish correct sub-grade or aggregate base course elevations.
28. All fill shall be compacted to 95% AASHTO standard compaction unless otherwise noted on the plans or ALDOT Std. Specifications (LATEST EDITION).
29. All construction debris and other waste material shall be disposed of off-site by the contractor in accordance with applicable regulatory agency requirements.
30. Contractor shall restore all disturbed areas to existing conditions or better.
31. All roadway and drainage construction materials shall be in accordance with the specifications and requirements of the local city and/or county. If not otherwise specified materials and construction shall be in accordance with Aldot Special and Standard Highway Drawings (current edition).
32. All storm drain pipe joints shall have rubber type gasket joints that meet the requirements of ALDOT standard specifications Section 846.01 (d). (LATEST EDITION)
33. Concrete pipe shall be a minimum of Class III RCP.
34. All Erosion Control is schematic and shall be modified as required for various phases of work. Contractor shall maintain and replace BMP's as required during construction.
35. Omit

37. All pipes shall be flush with inside of structure unless otherwise shown on plans. Grouting of pipe inside and out shall have a rounded and smooth bead.
38. Backfilling of trenches shall be accomplished immediately after pipe is laid. The fill around the pipe shall be placed in layers not to exceed 8 inches. Each layer shall be thoroughly compacted to 95% of the maximum density obtainable with the standard proctor test (a density of 100% is required for the top twelve inches). Inverts shall be a smooth finish and have no sharp or jagged edges. Wire shown from saw cut pipe shall be removed and grouted in.
39. Under no circumstances shall water be permitted to rise in unbackfilled trenches after pipe has been placed. (use approved de-watering method).
40. Material deemed unsuitable for backfill purposes shall be removed and replaced with select backfill material as approved by engineer.
41. The storm drainage system will be subject to a visual inspection by the engineer prior to backfill.
42. Erosion Control Blankets shall be placed on slopes as required by engineer.
43. All erosion and sediment control measures shall be installed, maintained and modified per construction conditions.
44. Contractor shall remove from site and legally dispose of all debris and excavated material not required or suitable for fill.
45. Omit
46. Street drainage and traffic movement shall be maintained at all times with local traffic except as approved by engineer.
47. All necessary traffic control devices shall conform to the Manual on Uniform Traffic Control Devices (MUTCD), CURRENT EDITION.

Preliminary Site Work:

1. Except as noted below, protect and maintain all bench marks, monuments and reference points and property corners. Replace if disturbed or destroyed. If found at variance with the drawings, notify the Engineer before proceeding with layout work.
2. Contractor shall provide for surface water control, clearing an grubbing, stripping of topsoil and stockpiling of topsoil.
3. All trees, brush, stumps and roots shall be removed from the site unless specific trees are noted to remain.
4. Areas to be stripped shall first be scraped clean of all brush, weeds, grass, roots, wood, glass, stones, broken concrete, brick and concrete block. Topsoil shall be free from subsoil, debris, and stones larger the 2 inches in diameter.
5. Remove all the highly organic topsoil and root zones remaining after clearing from building pad, pavement areas and from all other cut areas.
6. Stockpile topsoil in on-site locations where it will not interfere with site construction. Materials stockpiled shall be placed in a manner to afford drainage. Stock piled material shall be grassed or otherwise prevented/protected from eroding onto or off the site.
7. At completion of grading operations topsoil depth shall be a minimum of 6 inches at all landscape areas including: ditches, drainage swales, and detention areas. Contractor shall stockpile sufficient top soil to provide the specified minimum depth.
8. All topsoil, paving, vegetation, and deleterious materials shall be removed from the area of proposed construction.

Maintenance:

1. Protection of Graded Areas: Protect newly graded areas from traffic and erosion. Keep free of trash and debris.
2. Repair and re-establish grades in settled, eroded, and rutted areas to specified tolerances.
3. Reconditioning Compacted Areas: Where completed compacted areas are disturbed by subsequent construction operations or adverse weather, scarify surface, reshape, and compact to required density prior to further construction.

1. At completion of clearing, grubbing and stripping of topsoil, stump holes or other depressions shall be cleared of loose material and debris and shall then be backfilled with approved fill. The backfill shall be placed in eight inch thick loose lifts and compacted to 95% density in accordance with ALDOT Standard Specifications.
2. The entire stripped subgrade and all fill areas shall be compacted and proof rolled as recommended by the geotechnical engineer. The compaction effort shall be sufficient to density the subgrade to a minimum density of 100% for a depth of 12 inches for building, paving subgrade areas, and for landscape areas. All areas that are unstable under the compaction equipment shall be undercut to form soil and replaced with clean sand fill compacted as specified in eight inch loose lifts.

Pre-densification and proof rolling shall be observed by the Architect and experienced geotechnical engineer. Proof rolling shall be accomplished with a loaded dump truck or other approved rubber tired equipment. Overlapping passes of the vehicle shall be made across the site in one direction and then at right angles to the original direction.

Backfill and Fill:

1. Structural fill (All areas under building and paving to 5'-0" outside the area on each side)
2. Structural fill material should be free of organics, deleterious matter, debris, and rocks greater than 6 inches. Fill soil shall have a plasticity index less than 30, a liquid limit less than 50, and a maximum dry density (Standard Proctor ASTM D 698) of at least 90 pcf. Fill should be placed thin lifts, less than 8 inches loose measure, and compacted to at least 95% of the Standard Proctor maximum dry density. Where the at-grade soils are to be used for pavement support, they should be scarified 6 inches deep, moisture conditioned and compacted to at least 98% of the Standard Proctor Maximum dry density. Backfill for perimeter foundations shall be compacted to at least 100% of the Standard Proctor maximum dry density.
3. Ground Surface Preparation: Remove vegetation, debris, unsatisfactory soil materials, obstructions and deleterious materials from ground surface prior to placement of fills. Plow, strip or break-up sloped surfaces steeper than 1 vertical to 4 horizontal so that fill material will bond with existing surface.
4. When existing ground surface has a density less than that specified under "Compaction" for particular area classifications, break up ground surface, pulverize, moisture-condition to optimum moisture content, and compact to required depth and percentage of maximum density.
5. Placement and Compaction: Place backfill and materials in layers not more than 8" in loose depth for material compacted by heavy compaction equipment, and not more than 4" in loose depth for material compacted by hand operated tampers.
6. Before compaction, moisten or aerate each layer as necessary to provide optimum moisture content. Compact each layer to required percentage of maximum dry density or relative dry density for each area classification. Do not place backfill or fill material on surfaces that are muddy, frozen, or contain frost or ice.

	ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT	N	NORTH
ALDOT	ALABAMA DEPARTMENT OF TRANSPORTATION	NIC	NOT IN CONTRACT
APPROX	APPROXIMATE	NO. #	NUMBER
ASSY	ASSEMBLY	NOM	NOMINAL
AWWA	AMERICAN WATER WORKS ASSOCIATION	NTS	NOT TO SCALE
		OC	ON CENTER
BC	BACK OF CURB	OD	OUTSIDE DIAMETER
BFV	BUTTERFLY VALVE	OF	OUTSIDE FACE
BLDG	BUILDING	OT	OPEN THROAT INLET
BLK	BLOCK	PEJ	PIPE EXPANSION JOINT
BM	BENCH MARK	PI	PLUS OR MINUS
		PO	POINT OF INTERSECTION
		PP	PUSH ON
CL	CURB INLETS	PRESS	POWER POLE
CL	CENTERLINE	PRV	PRESSURE
CONC	CONCRETE	PRV	PRESSURE RELIEF VALVE
CONN	CONNECTION	PSI	POUND PER SQUARE INCH
CONST	CONSTRUCTION	PV	PLUG VALVE
CMF	CONCRETE MONUMENT FOUND	PVC	POLYVINYL CHLORIDE
CU YD	CUBIC YARD	PVC:	POINT OF VERTICAL CURVE
CU FT	CUBIC FOOT	PVT:	PINT OF VERTICAL TANGENT
CV	CHECK VALVE		
DIA	DIAMETER	RAD	RADIUS
DI	DUCTILE IRON	RC	REINFORCED CONCRETE
DIP	DUCTILE IRON PIPE	RCP	REINFORCED CONCRETE PIPE
DW	DOUBLE WING	RE	REDUCER
		REINF	REINFORCING
E	EAST	REQ'D	REQUIRED
EA	EACH	ROW R/W	RIGHT OF WAY
EL	ELEVATION	RT	RIGHT
ELEV	ELEVATION		
EW	EACH EAY	S	SOUTH
EX	EXISTING	SCH	SCHEDULE
EXIST	EXISTING	SECT	SECTION
		SHT	SHEET
FCA	FLANGE COUPLING ADAPTER	SL	SEWER LATERAL
FES	FLARED END SECTION	SPE	SLOPED PAVED END TREATMENT
FH	FIRE HYDRANT	SPECS	SPECIFICATIONS
FL	FLOW LINE	SS	SANITARY SEWER
FLG	FLANGED	SSMH	SANITARY SEWER MANHOLE
FM	FORCE MAIN	ST	STREET
FT	FOOT	STA	STATION
		STD	STANDARD
		SW	SINGLE WING
GALV	GALVANIZED		
GL	GAS LINE	TBM	TEMPORARY BENCH MARK
GPM	GALLONS PER MINUTE	THK	THICKNESS
GR	GRADE	TOC	TOP OF CURB
GV	GATE VALVE	TYP	TYPICAL
HGT	HEIGHT	V	VALVE
HORIZ	HORIZONTAL	VERT	VERTICAL
HW	HEADWALL		
HWY	HIGHWAY	W	WEST
		W/	WITH
ID	INSIDE DIAMETER	W/O	WITHOUT
INV	INVERT	WL	WATER LINE
IPF	IRON PIN FOUND	WM	WATER METER
		WS	WATER STOP
JB	JUNCTION BOX	WWF	WELDED WIRE FABRIC
JT	JOINT		
LIN	LINEAR		
LG	LONG		
LF	LINEAR FEET		
MAX	MAXIMUM		
MGD	MILLIONS GALLONS PER DAY		
MH	MANHOLE		
MIN	MINIMUM		
MISC	MISCELLANEOUS		
MJ	MECHANICAL JOINT		

[illegible]

PROJECT:
New Pickleball Center

Location:
Leeds, Alabama

HagerCo-LLC
Civil & Structural Engineers
keithlhager@icloud.com
1025 Montgomery Highway, Suite 110
Birmingham, AL 35216

General Notes



Know what's **below**.
Call before you dig

C0.0

Sheet 2 of 16

ALABAMA
REGISTERED
No. 24659
PROFESSIONAL
ENGINEER
KEITH L. HAGER

[illegible]

PROJECT:
New Pickleball Center

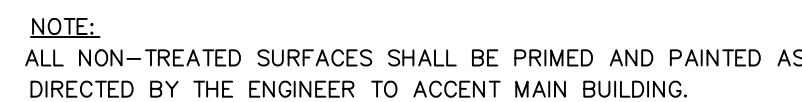
Location:
Leeds, Alabama

Sheet 3 of 16



1. CONTRACTOR SHALL PROTECT ALL PROPERTY CORNERS AND BENCHMARKS. IF DESTROYED DURING CONSTRUCTION, CONTRACTOR SHALL REPLACE AT HIS EXPENSE.
2. CONTRACTOR SHALL HAVE ALL UTILITIES LOCATED ON AND ADJACENT TO THE SITE PRIOR TO BEGINNING WORK.
3. ALL UTILITIES SHOWN ARE APPROXIMATE.
4. ALL EXISTING IMPROVEMENTS (PAVING, CONCRETE, CURB, SIDEWALKS, INLETS, ETC.) SHALL BE DEMOLISHED INSIDE THE DEMOLITION LIMITS UNLESS SPECIFIED, OTHERWISE ALL IMPROVEMENTS OUTSIDE DEMOLITION LIMITS SHALL REMAIN UNLESS SPECIFIED OTHERWISE. EXISTING UTILITIES TO REMAIN OPERATIONAL AND SHALL BE PROTECTED DURING CONSTRUCTION.
5. CONTRACTOR SHALL SAFEGUARD ALL EXISTING UTILITIES WITHIN ADJACENT RIGHT-OF-WAY AND DEMOLITION LIMITS.
6. ALL DEMOLITION OF EXISTING IMPROVEMENTS SHALL BE HAULED OFF AND DISPOSED OF IN A LEGAL MANNER. DEMOLISHED CONCRETE SHALL NOT BE INCORPORATED INTO FILL MATERIAL.
7. CONTRACTOR SHALL SAW CUT ALL EXISTING PAVING AND CONCRETE AT DEMOLITION LIMITS SHOWN ON PLAN. CONTRACTOR SHALL ASSURE A SMOOTH, STRAIGHT LINE CUT. CONCRETE WORK (I.E. SIDEWALKS AND CURBS AND GUTTER) SHALL BE REMOVED BEGINNING AT CLOSEST CONSTRUCTION JOINT OR AT PROPERTY LINE, WHICHEVER IS CLOSEST.
8. ALL EXCAVATIONS ON SITE SHALL BE BACKFILLED AND COMPACTED ACCORDING TO PROJECT SPECIFICATIONS.
9. ALL EXISTING UNDERGROUND IMPROVEMENTS (STORM, SANITARY, ETC.) MAY NOT BE SHOWN. CONTRACTOR SHALL REPORT TO OWNER AND ENGINEER IMPROVEMENTS FOUND DURING CONSTRUCTION FOR EVALUATION.

1. ALL DEMOLITION WORK TO BE RESTRICTED TO AREA WITHIN "LIMITS OF DEMOLITION", AS SHOWN ON PLAN, UNLESS OTHERWISE NOTED.
2. ALL LANDSCAPING TO BE REMOVED WITHIN "LIMITS OF DEMOLITION".
3. ALL STORM PIPES & INLET BOXES LOCATED WITHIN THE "LIMITS OF DEMOLITION", ARE TO REMAIN UNTOUCHED. MODIFICATION TO INLET TOPS ONLY
4. DEMOLITION TO INCLUDE SAWCUTTING EXISTING PAVEMENT AS SHOWN: PAVEMENT TO REMAIN FOR EROSION CONTROL
5. SEWER SERVICE LINES TO BE FIELD LOCATED AND CUT & CAP PER JEFFERSON COUNTY ENVIRONMENTAL SERVICES
6. CONTRACTOR IS RESPONSIBLE FOR CONTACTING UTILITY COMPANIES FOR ALL PERMITS FOR UTILITY CUT & CAP



NO SCAL

Remove Existing
Pavement Typical

LEGEND: (SITE PLAN)

— 669 — Existing Contours

— T — TELEPHONE LINE

— — SANITARY SEWER

— W — WATER LINE

— C — GAS LINE

— \ — POWER LINE

— FIRE HYDRANT

— P.P. — POWER POLE

— M.M. — WATER METER

— W.V. — WATER VALVE

— G.V. — GAS VALVE

— INLET BOX

===== EXISTING STORM DRAIN

 - AREA OF DEMOLITION

NOTICE TO CONTRACTOR:

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

SCALE: 1"=30'



[illegible]

Location:
Leeds, Alabama

1025 Montgomery Highway, Suite 110
Birmingham, AL 35216

C1.2
Sheet 5 of 16



12/26/24

[illegible]

Location:
Leeds, Alabama

HagerCo-LLC
Civil & Structural Engineers
keithhager@icloud.com
1025 Montgomery Highway, Suite 110
Birmingham, AL 35216

C1.3

CONCRETE FLUME
N.T.S.

4'-0"
1'-0" 2'-0" 1'-0"
Slope 4:1
New Grade
4" Concrete
3,000 PSI

Concrete Low-Water Crossing
(See Detail C1.5)

Concrete Flume

Proposed Bathroom

Existing Civic Center

PARK DR.

438 LF

Ex. MH
RIM=592.15
INV=588.31

Ex. 22x13 RCP
(RETAIN)

GR-590.62
INV=588.42

Ex. MH
RIM=592.10
INV=587.96

LEGEND:

- [670] Proposed Contours
- - - Existing Contours
- *608.50 Proposed Spot Elevation
- - - Finished Grade
- - - TELEPHONE LINE
- - - SANITARY SEWER
- - - WATER LINE

NOTICE TO CONTRACTOR:
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD

LEGEND:

- | | |
|--|-------------------------|
| | Proposed Contours |
| | Existing Contours |
| | Proposed Spot Elevation |
| | Finished Grade |
| | — TELEPHONE LINE |
| | — SANITARY SEWER |
| | — WATER LINE |
| | — GAS LINE |
| | — STORM PIPE |
| | — POWER LINE |
| | — FIRE HYDRANT |
| | — POWER POLE |
| | — WATER METER |
| | — WATER VALVE |
| | — GAS VALVE |
| | — INLET BOX |



Know what's **below**.
Call before you dig.

[illegible]

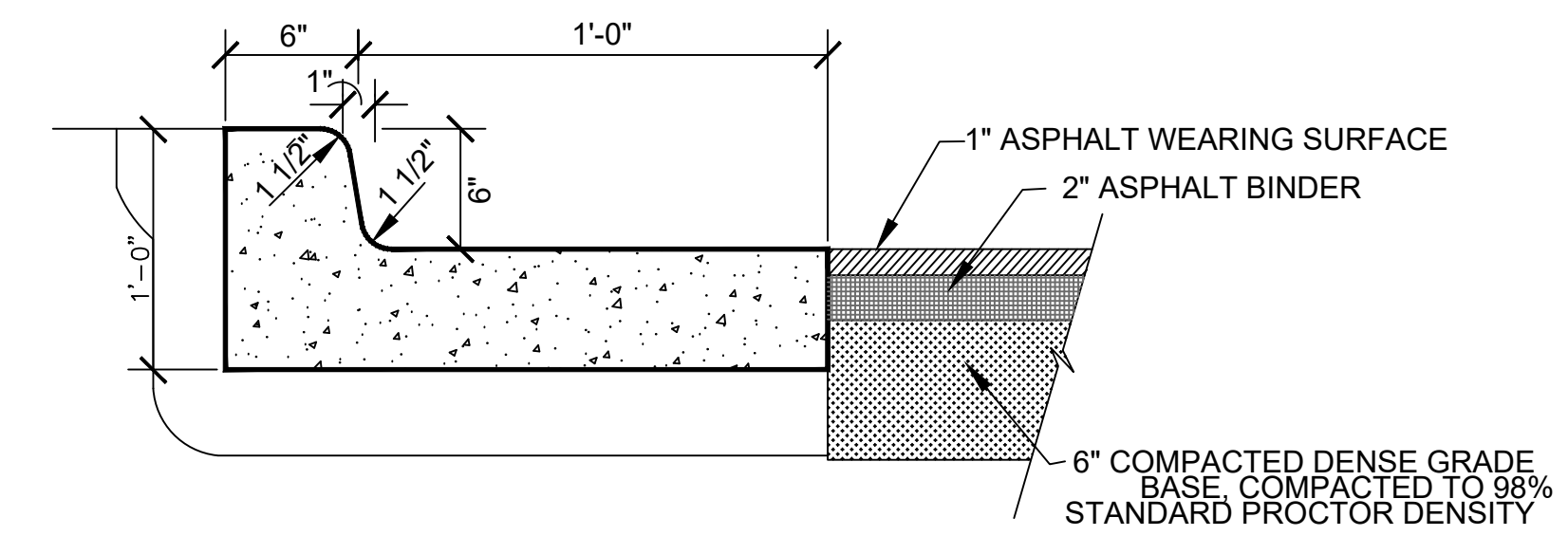
PROJECT:
New Pickleball Center

Location:
Leeds, Alabama

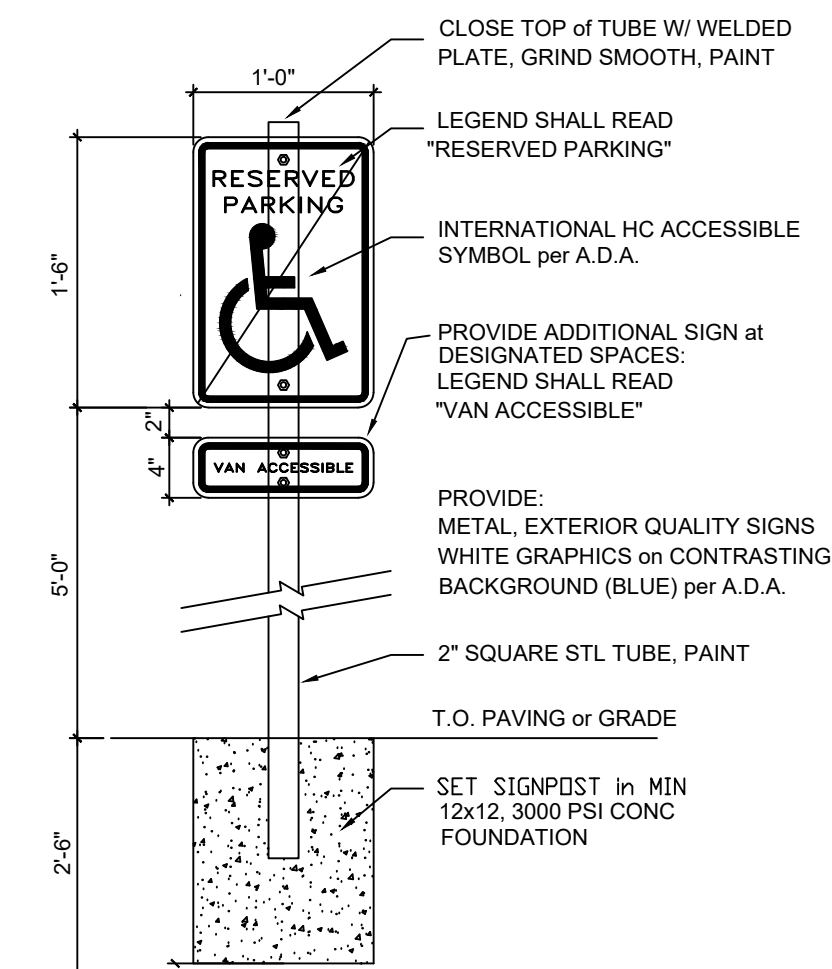
HagerCo-LLC
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1025 Montgomery Highway, Suite 110
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C1.4

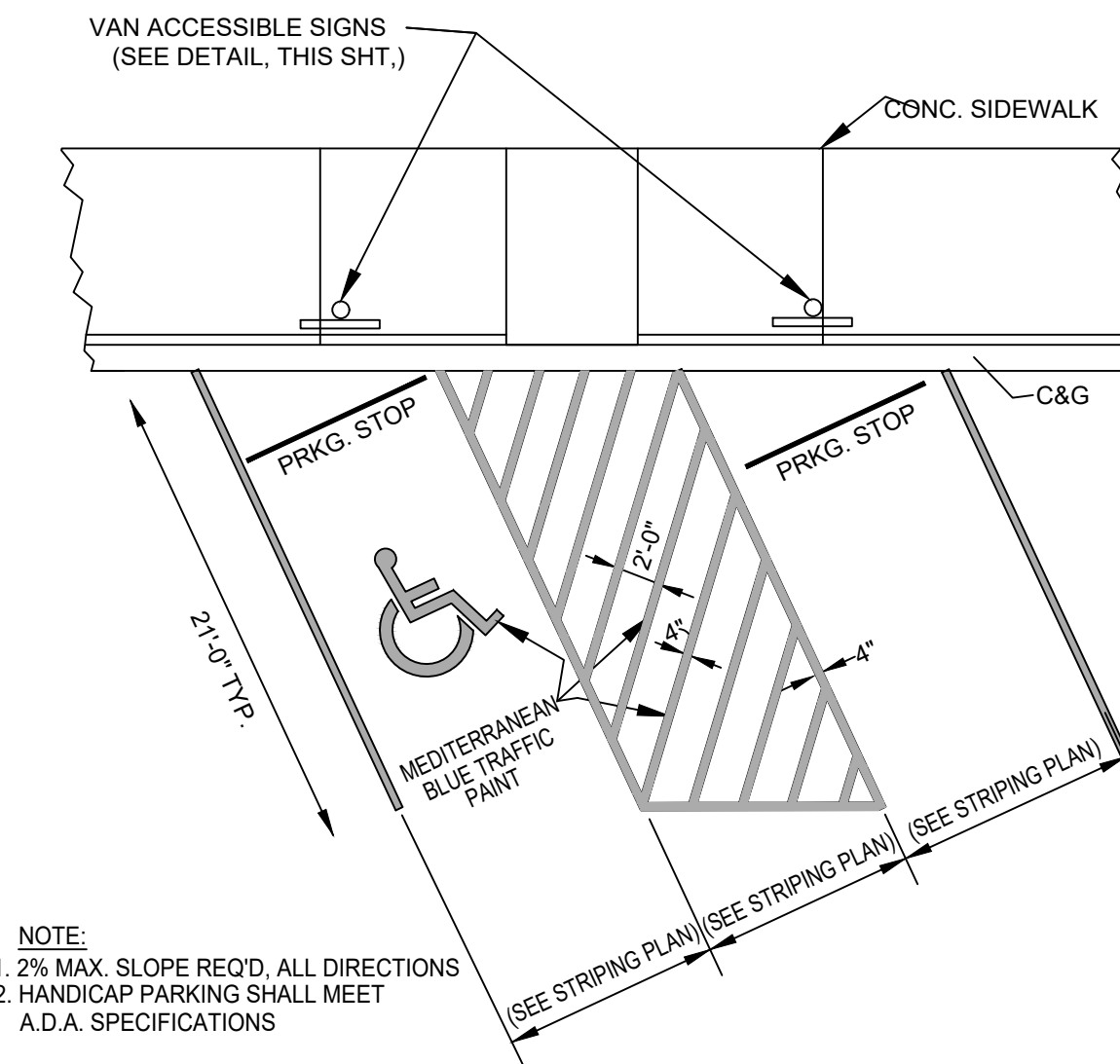
Sheet 7 of 16



TYPICAL CURB AND GUTTER DETAIL
NO SCALE



VAN ACCESSIBLE SIGN DETAIL
NO SCALE



Technical drawing of a wheelchair symbol showing dimensions for a standard and a compact version.

Standard Symbol Dimensions:

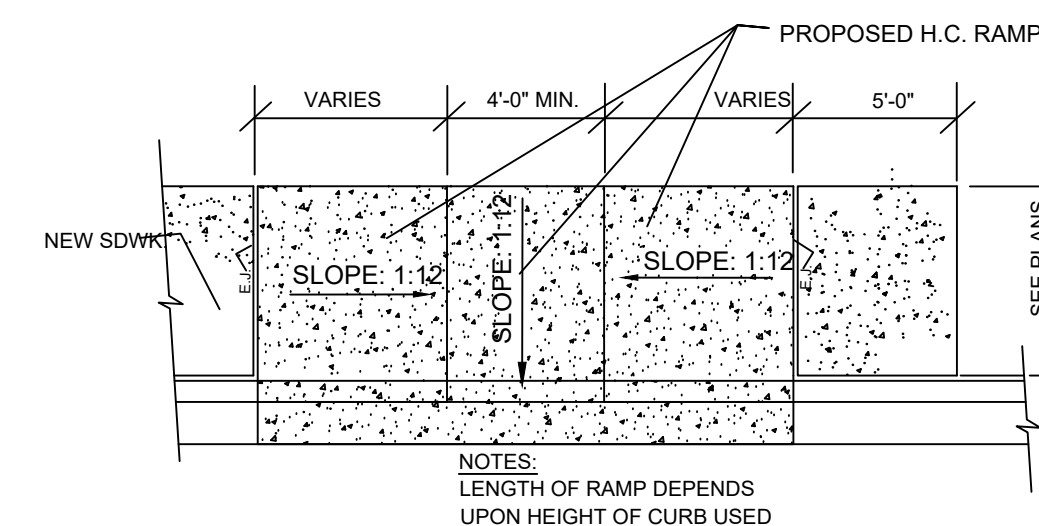
- Overall width: 3' 0"
- Overall height: 2' 11/2"
- Wheel diameter: 26.5"
- Seat width: 11 1/8"
- Seat height: 17 1/8"
- Backrest height: 2 3/4"
- Backrest width: 1 1/4"
- Front footrest width: 2 3/4"
- Front footrest height: 2 3/4"
- Front footrest depth: 1 1/4"
- Front footrest angle: 3 1/2"
- Front footrest height from seat: 2 3/4"
- Front footrest height from ground: 6 1/2"
- Front footrest angle from horizontal: 11 1/2"
- Front footrest height from seat: 2 3/4"
- Front footrest height from ground: 6 1/2"
- Front footrest angle from horizontal: 11 1/2"
- Front footrest height from seat: 2 3/4"
- Front footrest height from ground: 6 1/2"
- Front footrest angle from horizontal: 11 1/2"

Compact Symbol Dimensions:

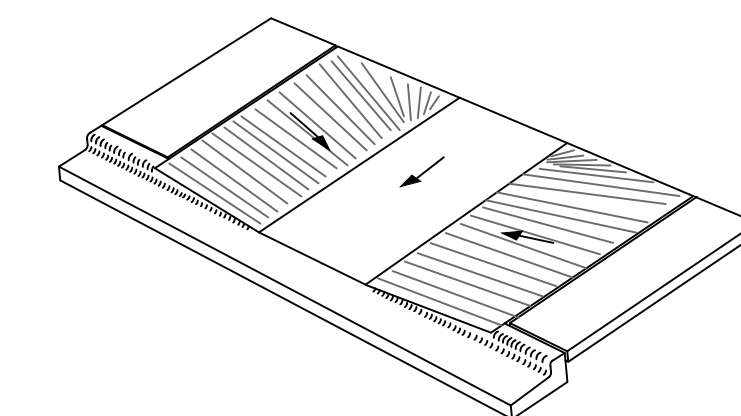
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- Front footrest height: 2 3/4"
- Front footrest depth: 1 1/4"
- Front footrest angle: 3 1/2"
- Front footrest height from seat: 2 3/4"
- Front footrest height from ground: 6 1/2"
- Front footrest angle from horizontal: 11 1/2"
- Front footrest height from seat: 2 3/4"
- Front footrest height from ground: 6 1/2"
- Front footrest angle from horizontal: 11 1/2"

Wheelchair Symbol Detail
NO SCALE

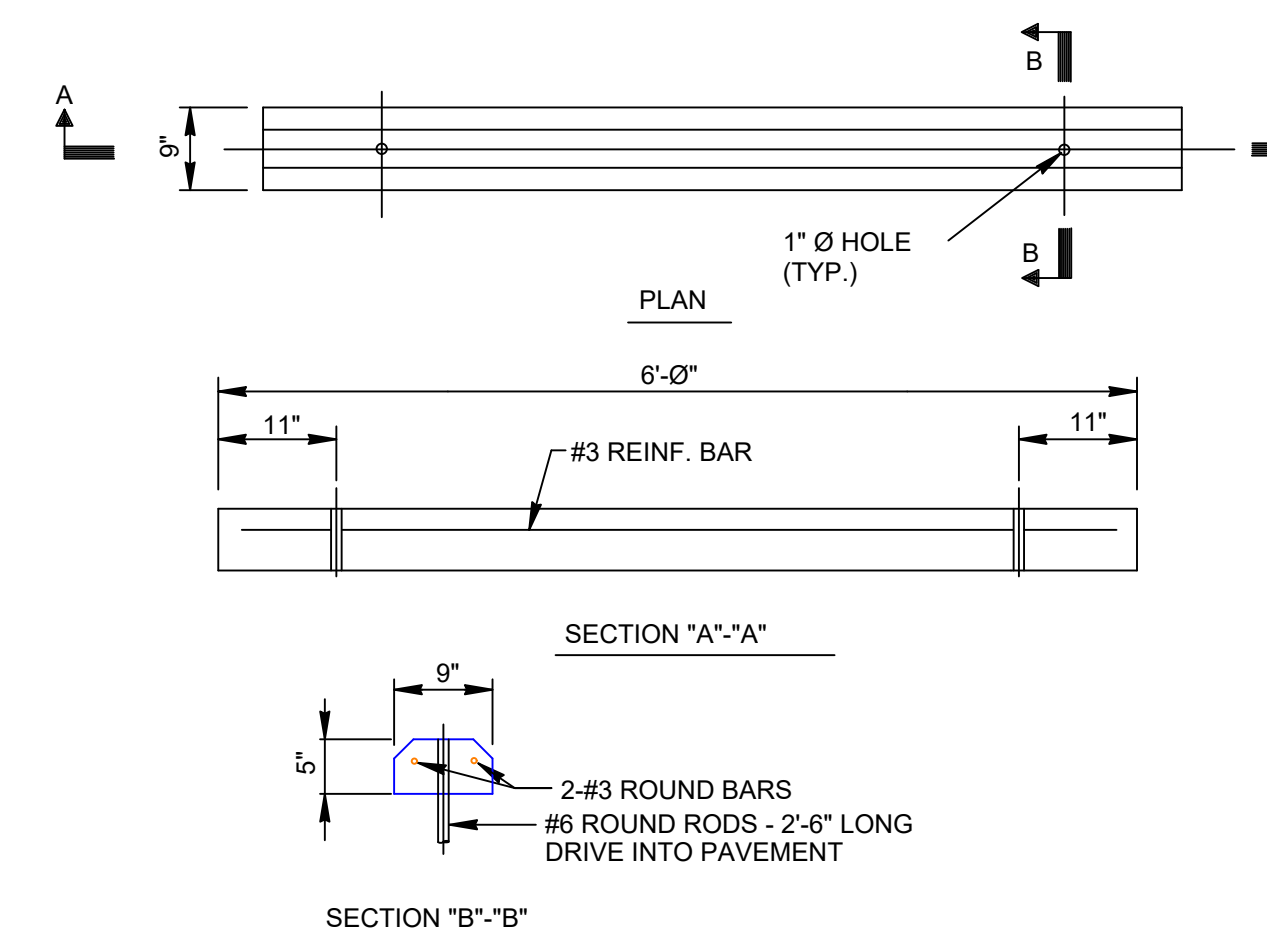
WHEELCHAIR SYMBOL DETAIL
NO SCALE



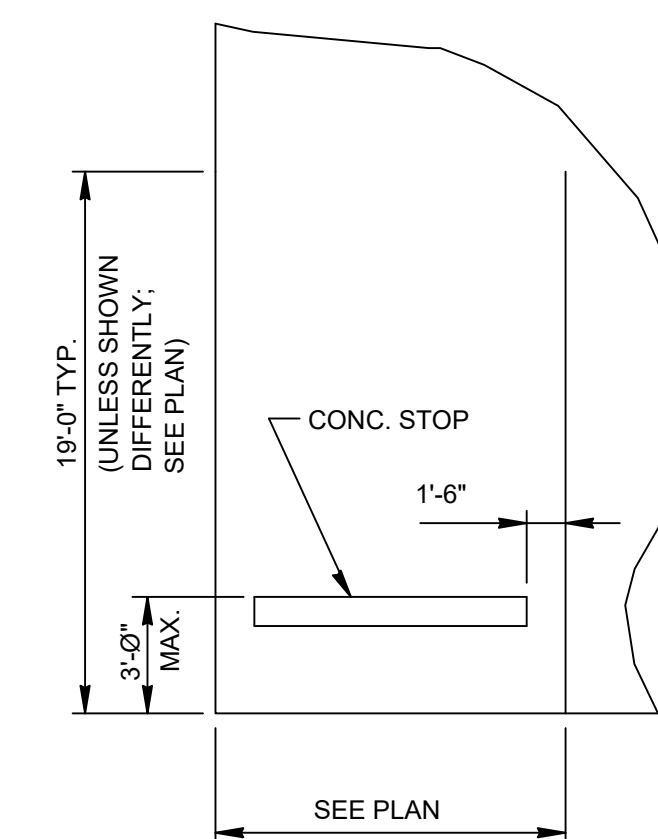
WHEELCHAIR RAMP
NO SCALE



PERSPECTIVE- VIEW "B"
NO SCALE



PRECAST CONCRETE PARKING STOP DETAILS

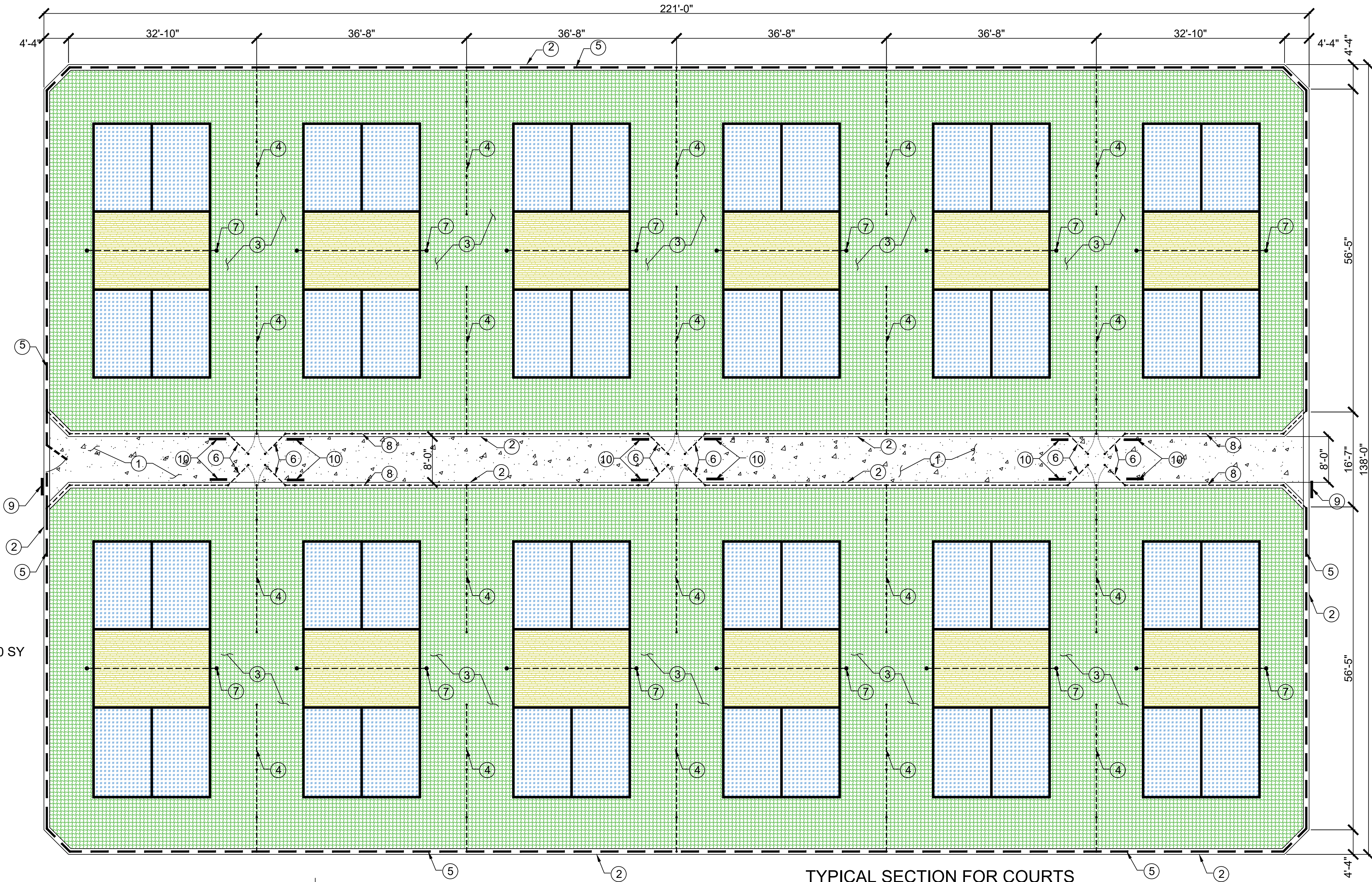


Court Surface Notes:

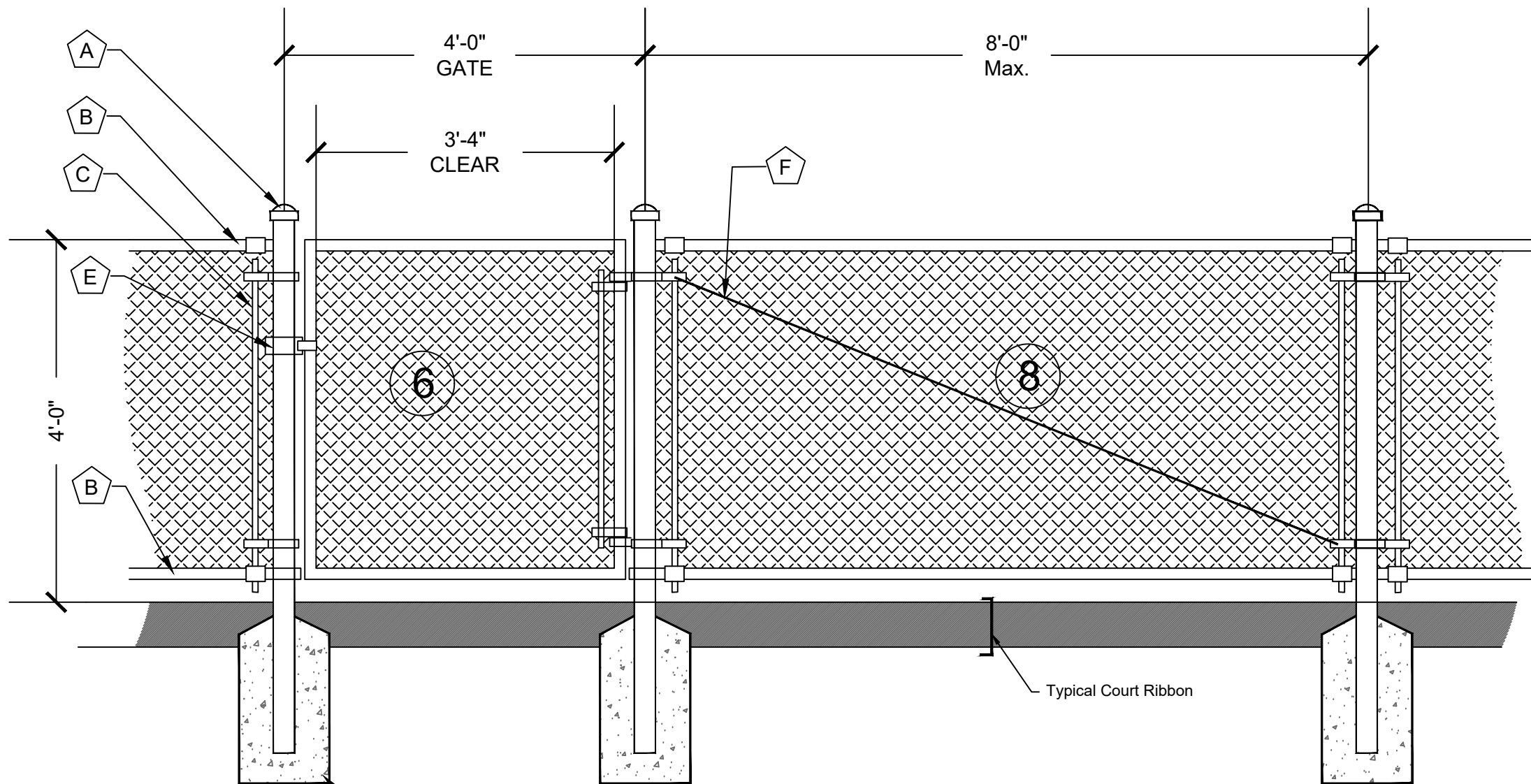
1. All Asphalt shall be leveled to within $\frac{1}{8}" \pm$;
2. Apply (2) Coats of Acrytech Acrylic Surface in accordance with Manufacturer's Specifications. Rate shall be a minimum of 0.04 - 0.06 Gallons per Square Yard. Dilution Rate shall not exceed 1 PArt water, 2 parts Concentrate.
3. The Third Coat of Acrytech Color in accordance with Manufacturer's Specifications at a Minimum Rate of 0.03 - 0.06 Gallons per Square Yard. Color to be specified by the Owner.
4. The Final Finish Coat of Acrytech Shall be Applied as Directed by the Manufacturer at a minimum Rate 0.03 - 0.06 Gallons per Square Yard. Dilution of the texture shall be 1 part Water, 2 parts Concentrate, and 1 part Sand. Color to be selected by the owner.
5. White Play lines for Pickleball shall be placed in accordance with the American Sports Builders Specifications, with Acrytech textured line paint, (100% Acrylic Latex Paint) Applied by brush or rollers using Masking tape or Templates.
6. Prior to the Asphalt installation, 2' x 2' x 3' Foundations are excavated for the net posts; A 3" I.D. Schedule 40 PVC Sleeve is embedded in 3,000psi Concrete in the Post Foundation. An American Center Anchor is Installed in 1' x 1' x 1' Concrete Foundation at Mid point of Net.
7. Colors shall be selected by Owner from Standard Manufacturer's Standard Color Selections.

Key Note Schedule

Node	Description	Approx. QTY
①	- 8ft Concrete Side Walk 4", Light Broom Finish	2211 SF
②	- 12" Concrete Curb Ribbon	1151 LF
③	- Asphalt Pickleball Court	27539 SF $\approx$ 3060 SY
④	- Divider Fence; 4' Chainlink Fence; Vinyl Coated; Black	513 LF
⑤	- 8' Chainlink Fence; Vinyl Coated; Black	689 LF
⑥	- 4' Chainlink Gate; Vinyl Coated; Black	12
⑦	- Pickleball Net and Post System	12
⑧	- 4' Chainlink Fence; Vinyl Coated; Black	447 LF
⑨	- Court Rules Sign	2
⑩	- Court Number Sign	12



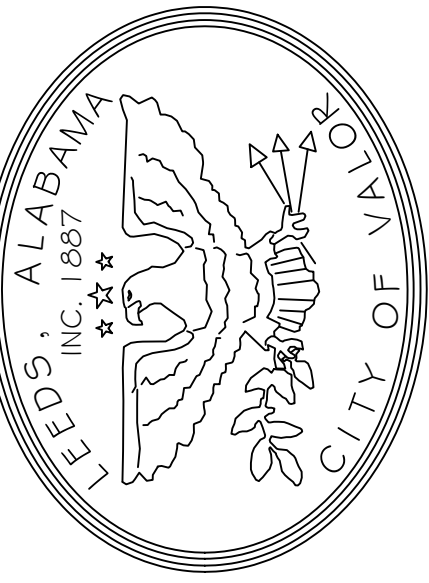
TYPICAL SECTION FOR COURTS
Scale 3/32" = 1'



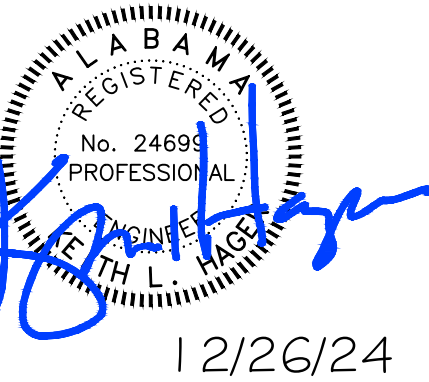
- A Post Cap - Black Vinyl Coated.
B Top Rail & Bottom Rail 1-1/2" steel; Black Vinyl Coated.
C Stretcher Bar - Black Vinyl Coated.
D Concrete Footing
E Swing Latch
F $\frac{3}{8}"$ Diameter Diagonal Brace Road; Typical Each Side of Corner.

⑥ ⑧ 4' HIGH CHAIN LINK FENCE with GATE
N.T.S

A PROJECT FOR:
The City Of
Leeds



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DATE	NUMBER	DESCRIPTION

DETAILS

PROJECT:
New Pickleball Center

Location:
Leeds, Alabama

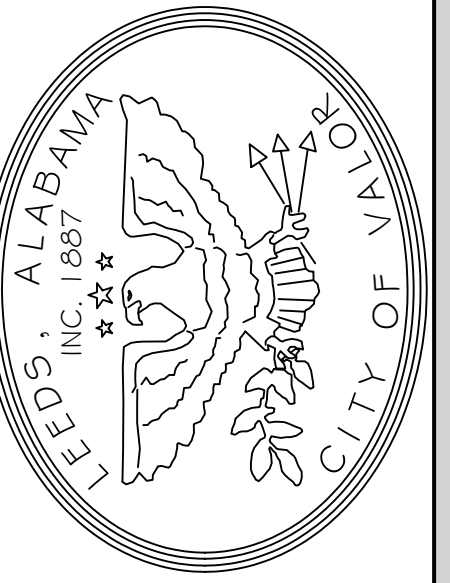
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keithlhager@icloud.com
Keith L. Hager, PE
1025 MONTGOMERY
HIGHWAY, S 110
Birmingham, AL 35216
Direct: 205.229.1738

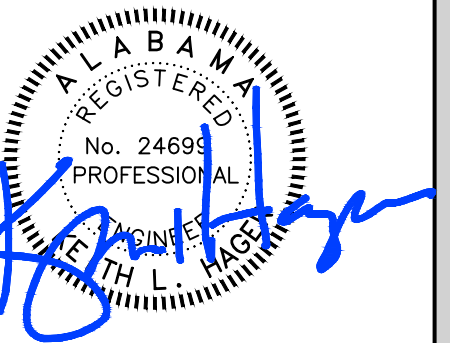
Pickleball Court
Detail

C2.0

Sheet 8 of 16



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12/26/24

DESCRIPTION	
DATE	NUMBER

DETAILS

PROJECT:
New Pickleball Center

Location:
Leeds, Alabama

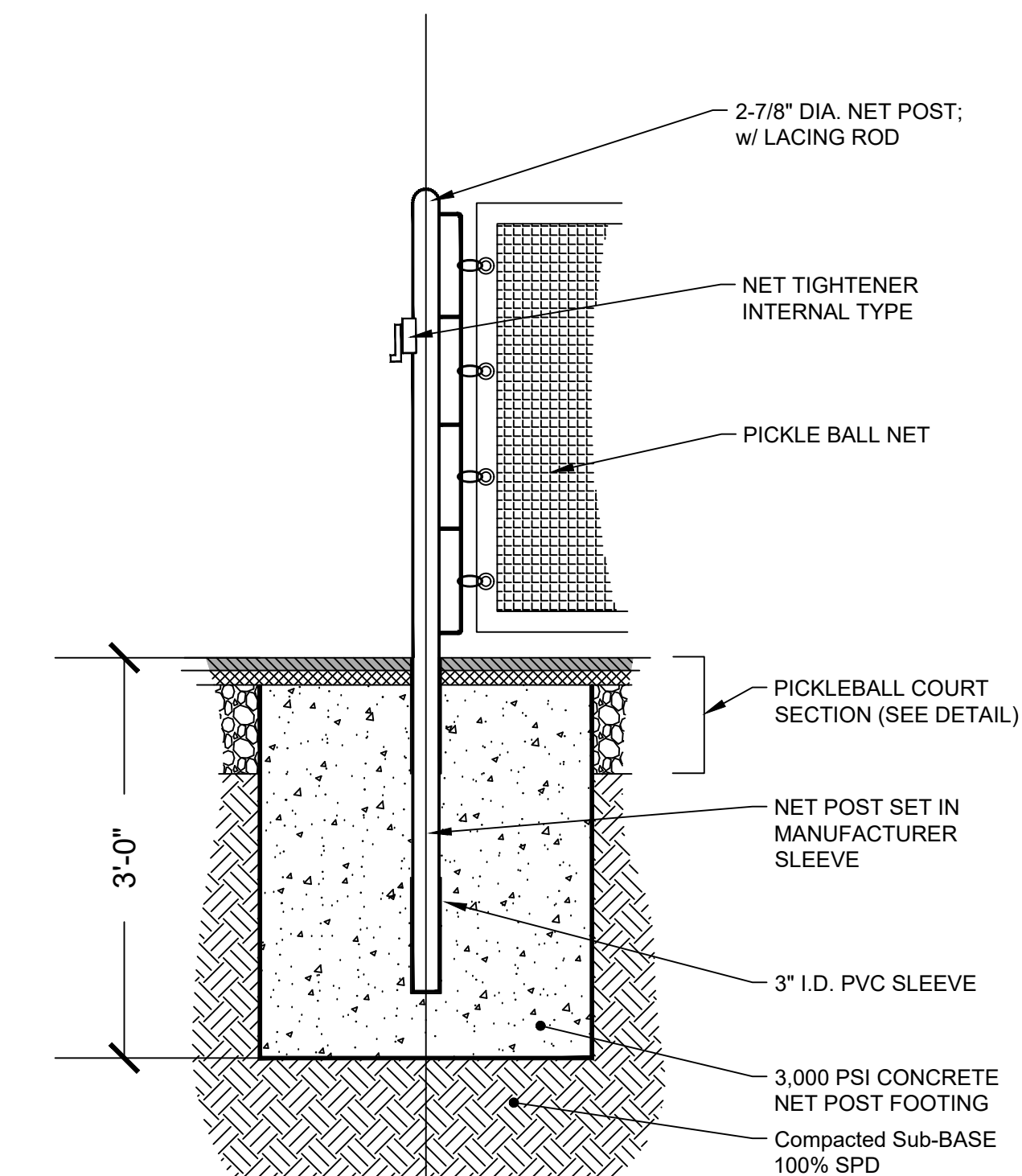
HagerCo-LLC

keithlhager@icloud.com
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Birmingham, AL 35216
Direct: 205.229.1738

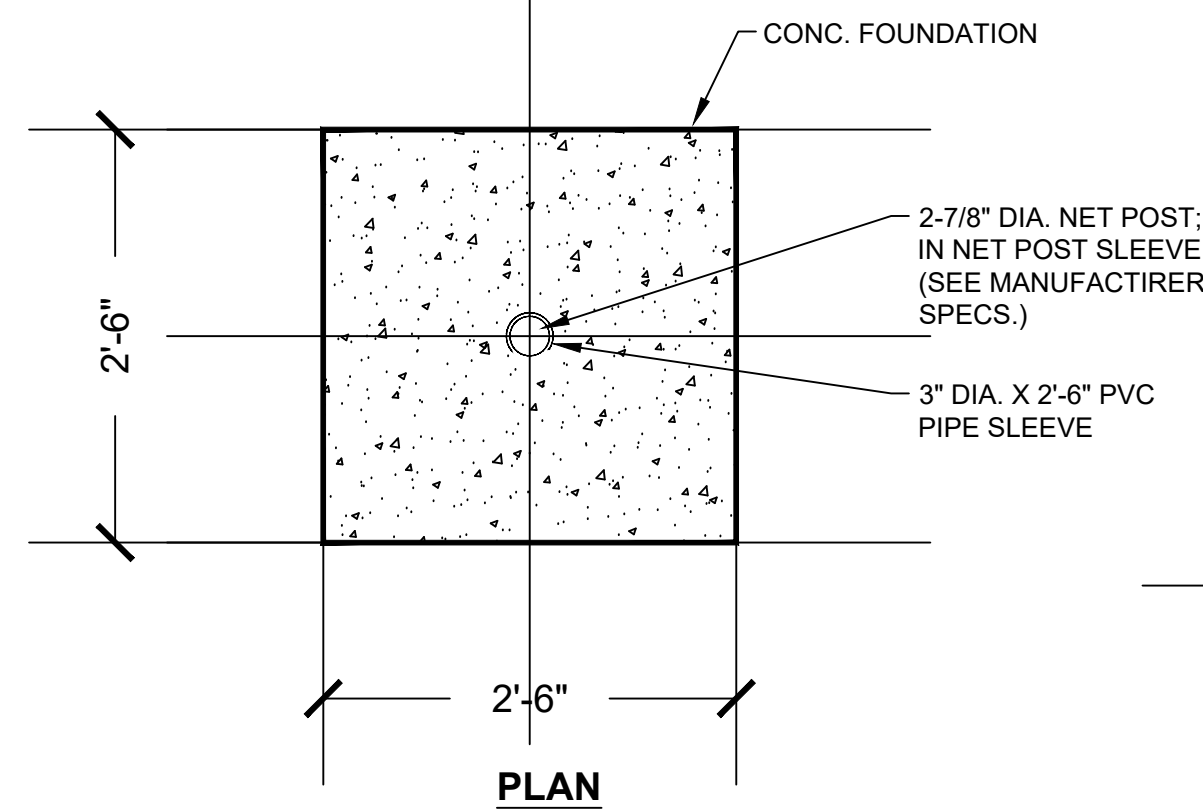
Pickleball Court
Typical Sections
(1 of 2)

C2.1

Sheet 9 of 16

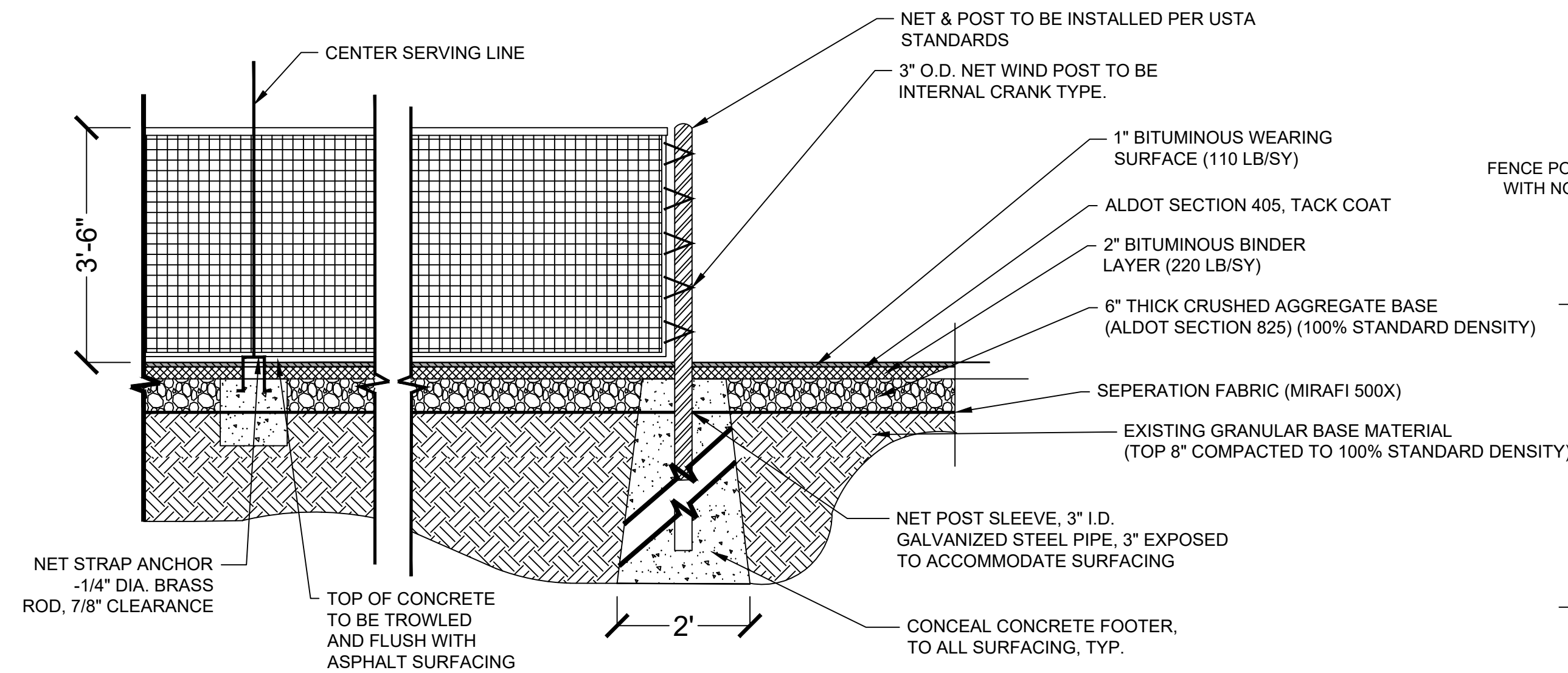


SECTION



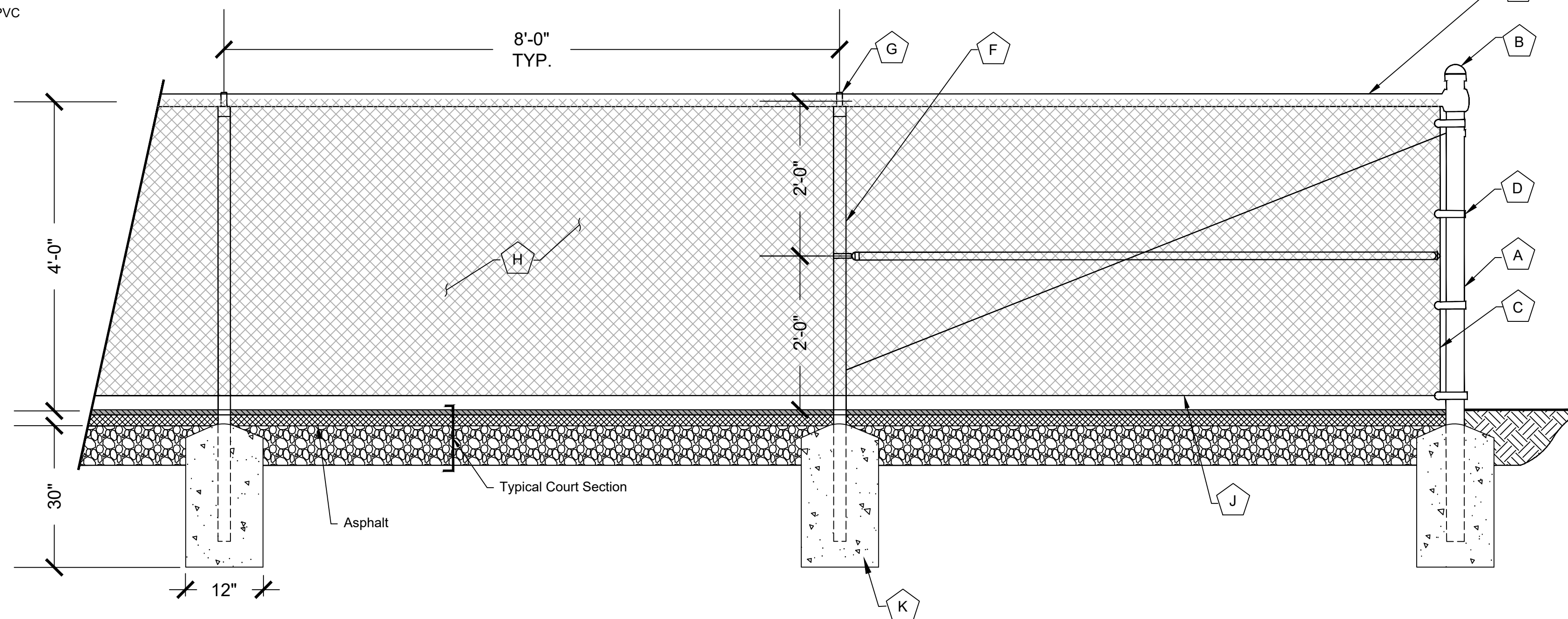
PLAN

7 NET POST DETAIL
N.T.S

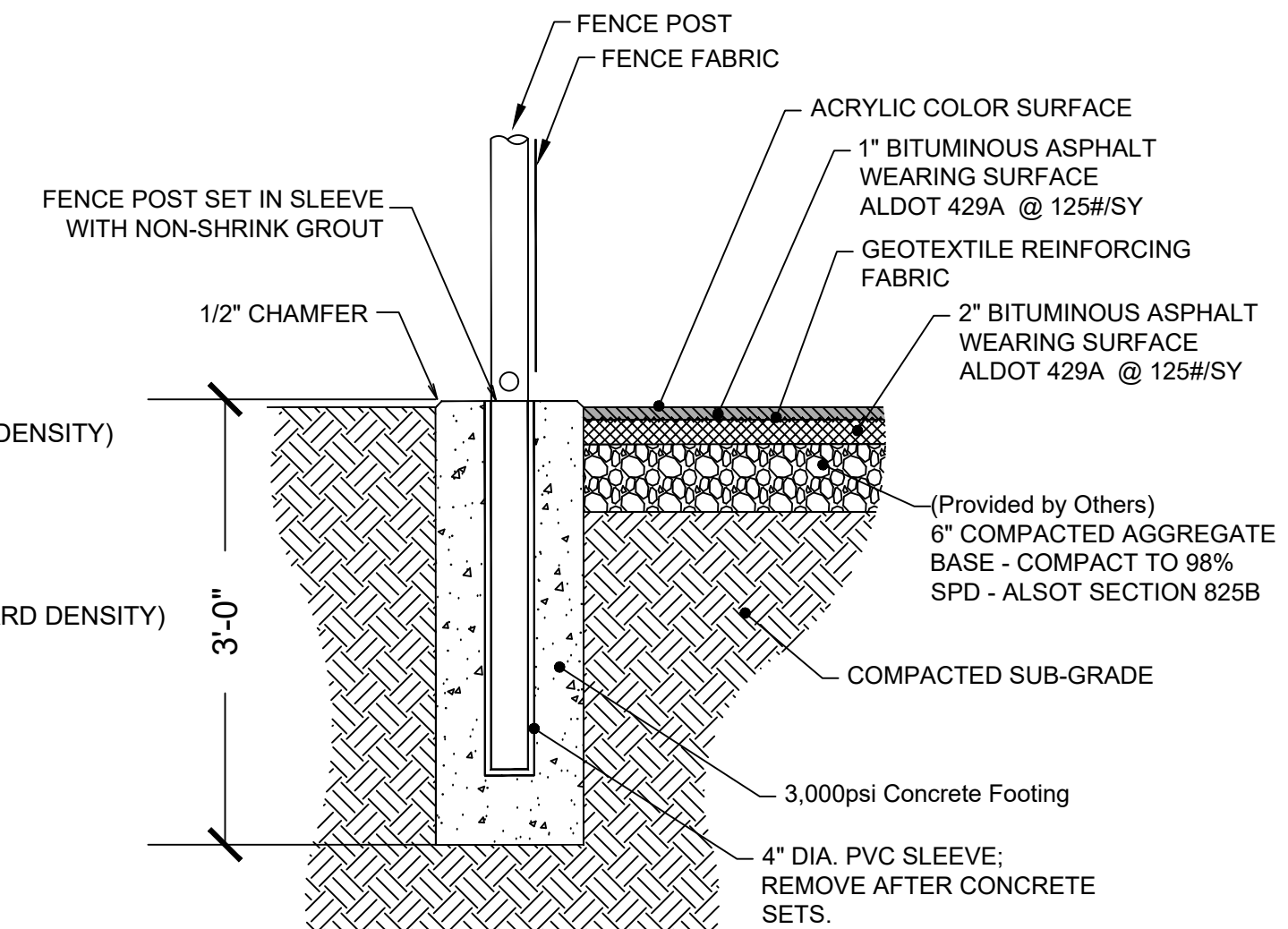


7 ASPHALT COURT NET AND POST SECTION
N.T.S

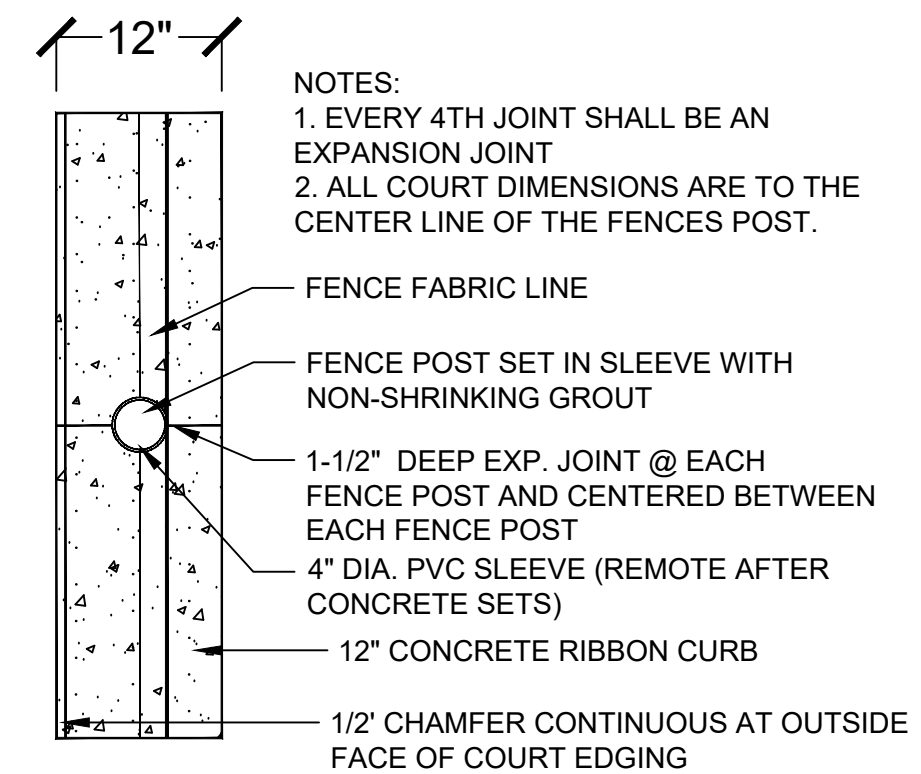
A Terminal Post: 2-7/8" Post	F Line Post: 1-7/8" Pipe
B Terminal Post: 2-7/8" Post Cap	G Line Post: 1-7/8" Post Cap
C 1/4" by 4" Tension Bar	H 11 Ga. Core/8 Ga. Finish; Knuckle Top & Bottom; Chainlink Fabric (2" Mesh); Continuous
D Galvanized Tension Clamp	J 7 Ga. Coil Spring Tension Wire
E Top Rail: 1-5/8" Pipe	K 3,000 PSI Concrete Footer



4 4' HIGH CHAIN LINK DIVIDER FENCE
N.T.S



3 TYPICAL COURT SECTION
N.T.S



3 PLAN - CONCRETE EDGING AT COURT
N.T.S

NOTES:
1. EVERY 4TH JOINT SHALL BE AN EXPANSION JOINT
2. ALL COURT DIMENSIONS ARE TO THE CENTER LINE OF THE FENCES POST.

[illegible]

Sheet 10 of 16



A PROJECT FOR:
The City Of
Leeds



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2/26/24

[illegible]

DETAILS

PROJECT:
Leeds Pickleball Centre

Location:
Leeds, Alabama

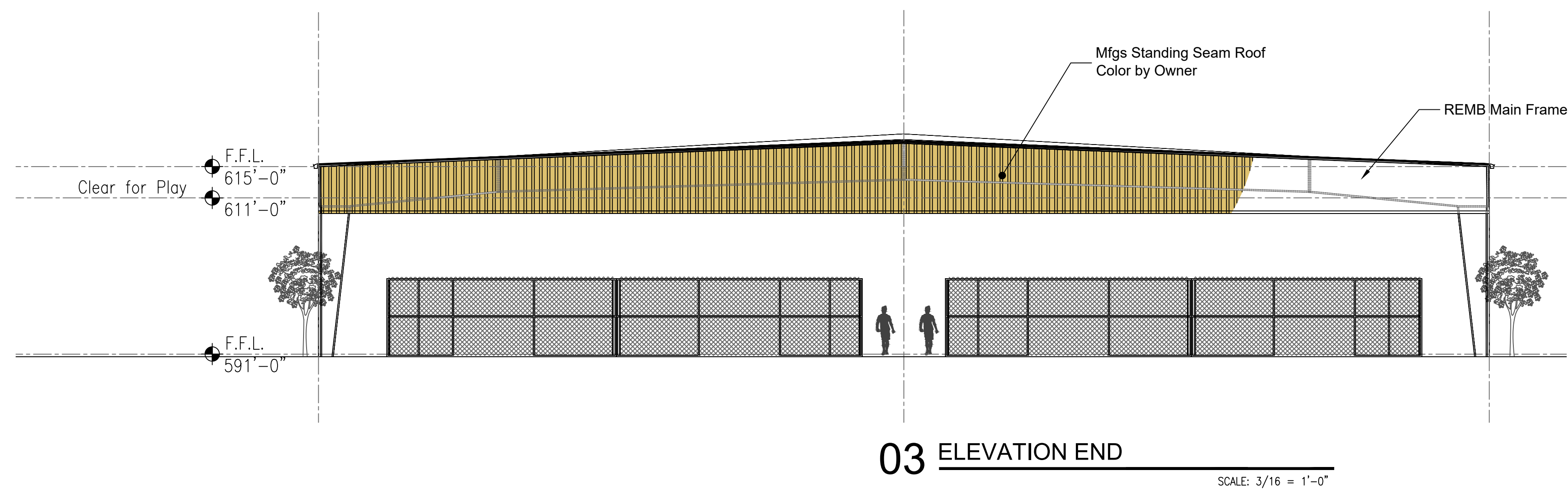
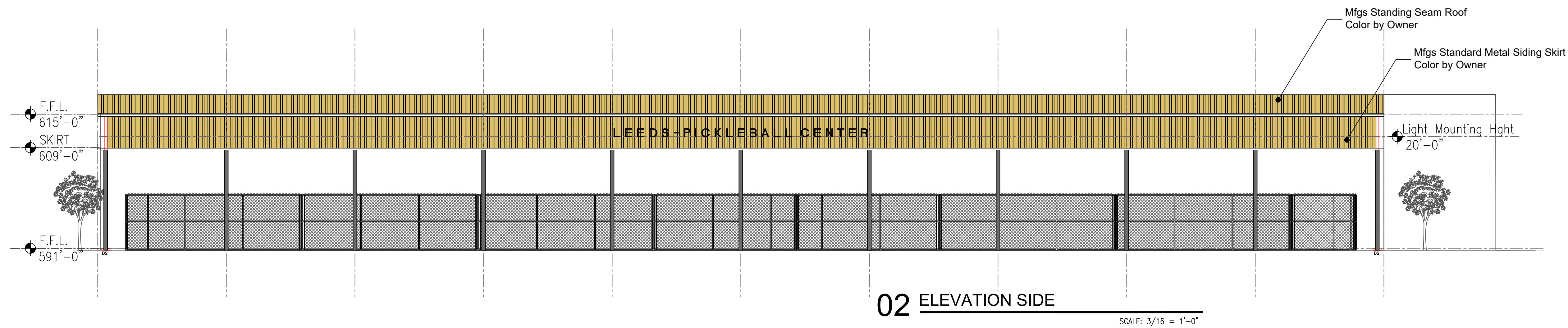
HagerCo-LLC

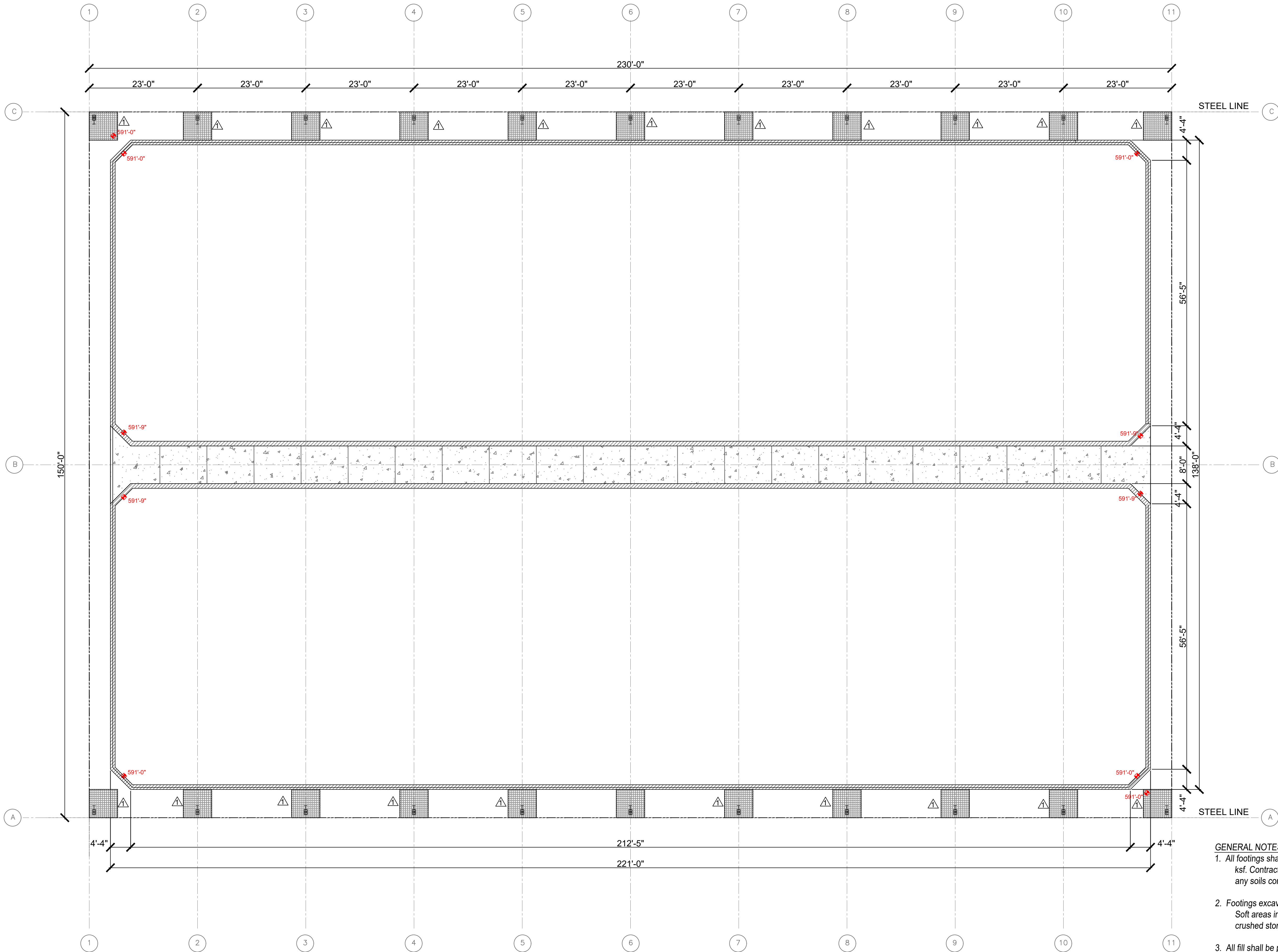
keithlhager@icloud.com
Keith L. Hager, PE
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Building Elevations

A1.0

Sheet 11 Of 16





GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT.
- IN THE EVENT OF ANY DISCREPANCIES AND OR ERRORS FOUND IN THE DRAWINGS, OR IF PROBLEMS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO NOTIFY THE ENGINEER BEFORE PROCEEDING WITH THE WORK. IF THE ENGINEER IS NOT NOTIFIED THE CONTRACTOR SHALL TAKE RESPONSIBILITY FOR THE COST OF ANY REVISION.
- THE CONTRACTOR SHALL COMPLY WITH ALL PERTINENT PROVISIONS OF "THE MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION" ISSUED BY AGC OF AMERICA, INC. AND THE "SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION" ISSUED BY THE U. S. DEPARTMENT OF LABOR.
- ALL HANDICAP WORK PERFORMED BY THE CONTRACTOR SHALL COMPLY WITH ALL PERTINENT PROVISIONS OF THE "AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES," ISSUED BY THE U.S. ARCHITECTURAL AND TRANSPORTATION BARRIERS COMPLIANCE BOARD.

01 FOUNDATION PLAN

	LENGTH	WIDTH	DEPTH	REBAR	COMMENTS
△	6'-0"	6'-0"	3'-0"	#5 BARS@ 12" O.C.E.W.	(2) TOTAL REBAR MATS

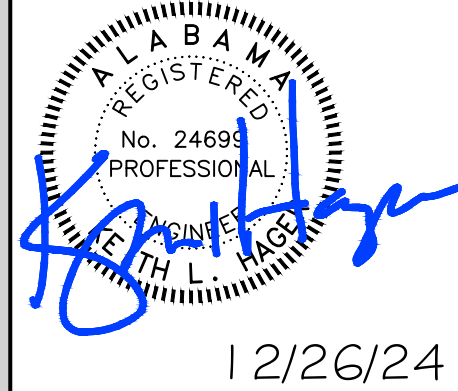
GENERAL NOTES:

- All footings shall rest on undisturbed soil with a minimum bearing capacity of 2.0 ksf. Contractor shall consult with a Geotechnical Engineer for a soils report for any soils considered to be unacceptable.
- Footings excavation areas must be kept dry until footings and drains are in place. Soft areas in the sub-base must be removed and replaced with concrete or crushed stone.
- All fill shall be placed in 6" lifts and compacted to 98% SPD.
- All structural concrete shall have a minimum 4,000 psi compressive strength at 28 days. The slump of the concrete at each pour shall be no greater than 4". Admixtures to facilitate finishing surfaces may only be used if approved by the Engineer prior to pour. Concrete shall be air-entrained with a 6-8% air design.
- All concrete shall be vibrated in place to eliminate voids.
- All reinforcing steel shall conform to ASTM A615, A616, and A617 with a yield strength of 60,000 psi. All bars shall be placed in accordance with "ACI" Specification 318-05. All bars bent in the field shall be formed using an acceptable ACI pin. All bars shall have a 3" Clear over. All bar development lengths shall be followed expressly.

A PROJECT FOR:
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DESCRIPTION

DATE NUMBER

DETAILS

PROJECT:
Leeds Pickleball Centre

Location:
Leeds, Alabama

HagerCo-LLC

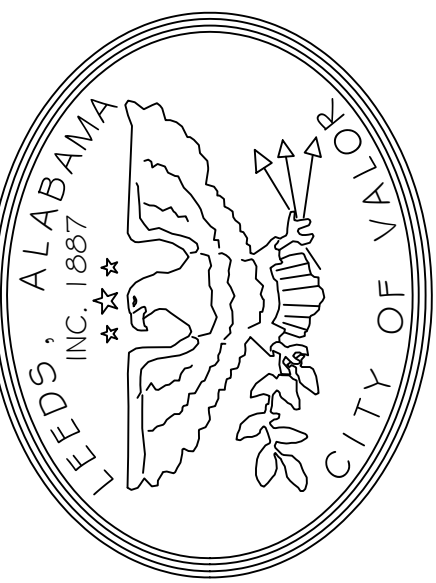
keithlhager@icloud.com
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Birmingham, AL 35216
Direct: 205.229.1738

Foundation Plan

S1.0

Sheet 12 of 16

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DATE	NUMBER	DESCRIPTION							

DETAILS

PROJECT:
Leeds Pickleball Centre

Location:
Leeds, Alabama

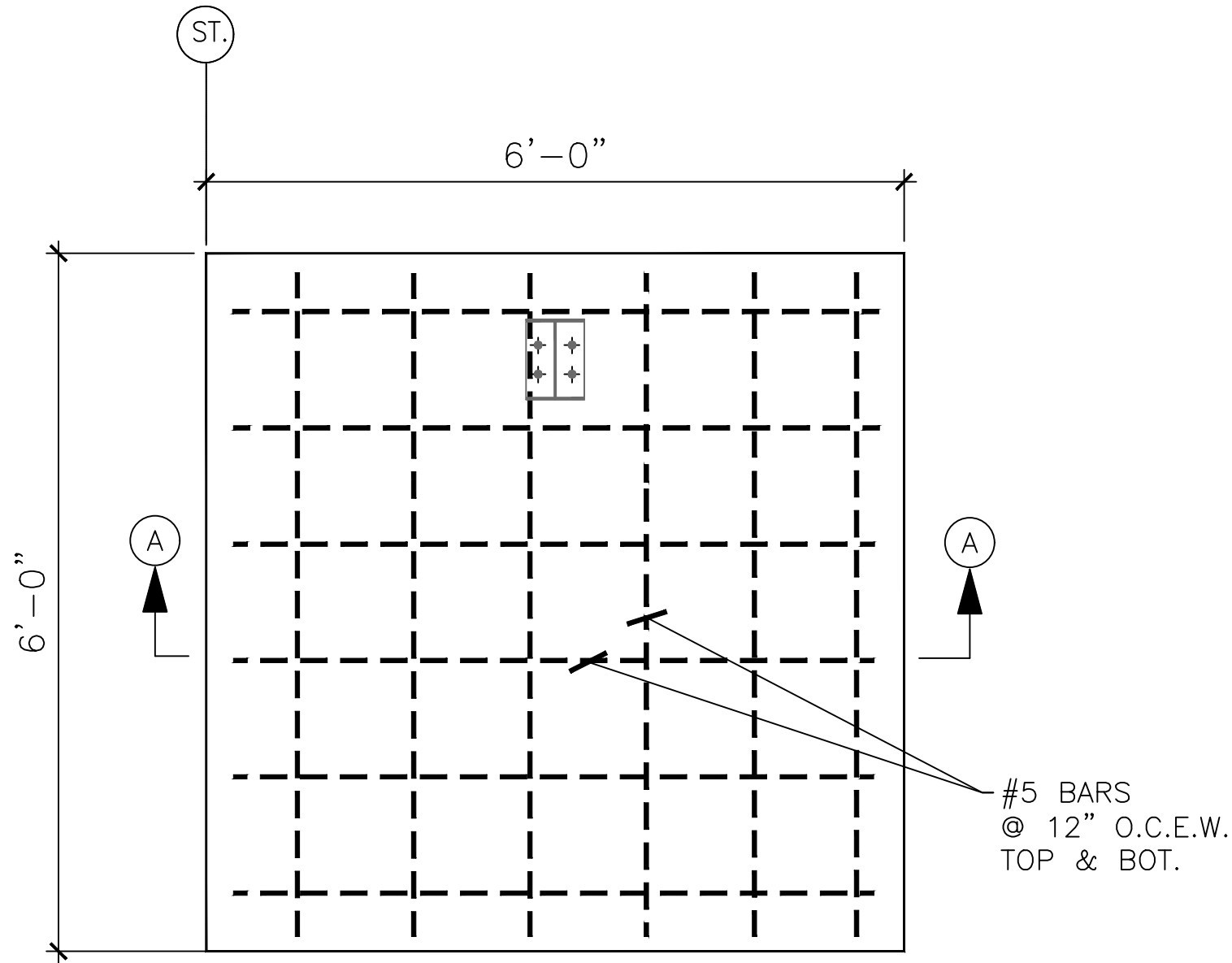
HagerCo-LLC

keithlhager@icloud.com
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Direct: 205.229.1738

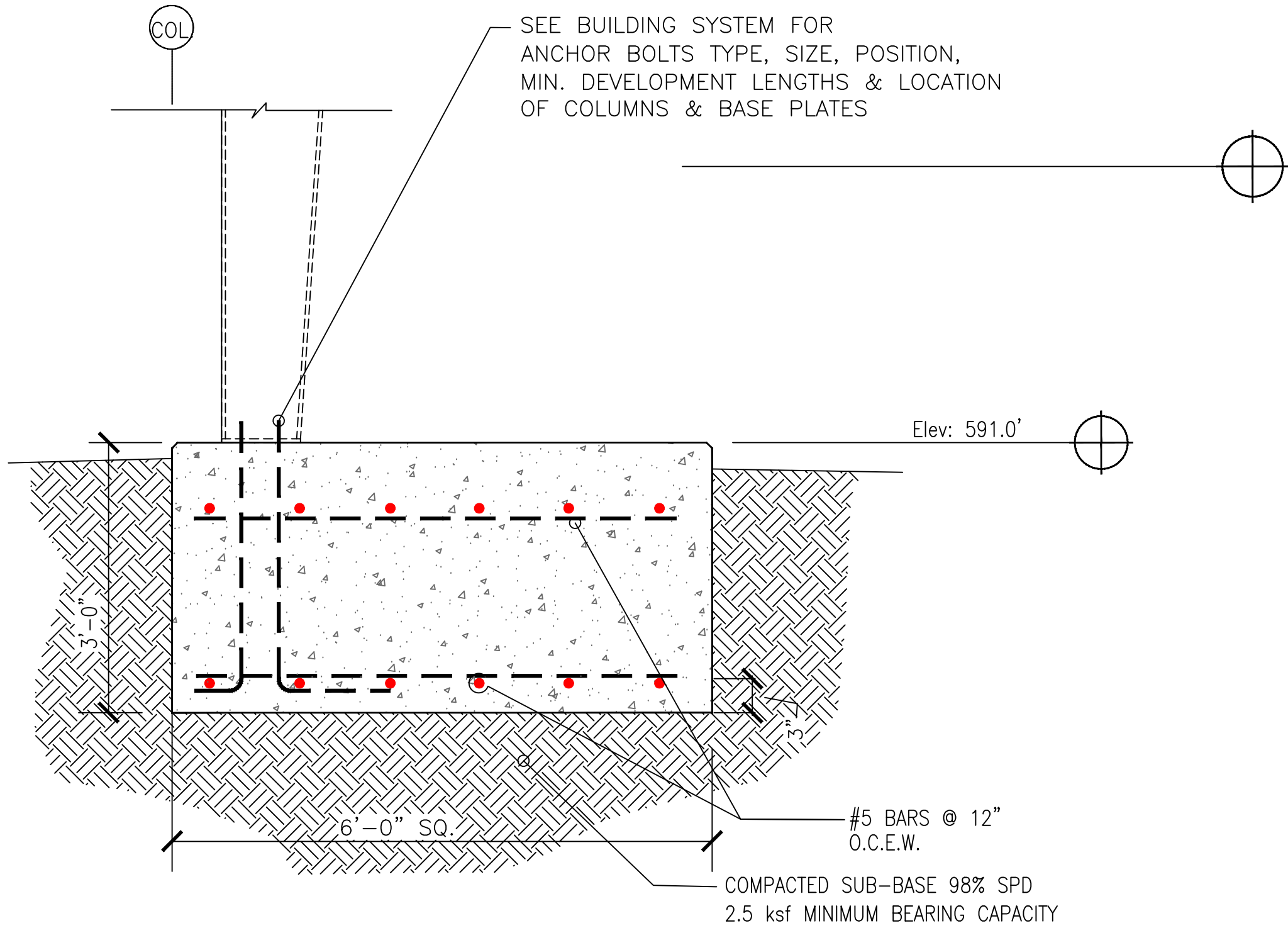
Foundation
Details

S1.1

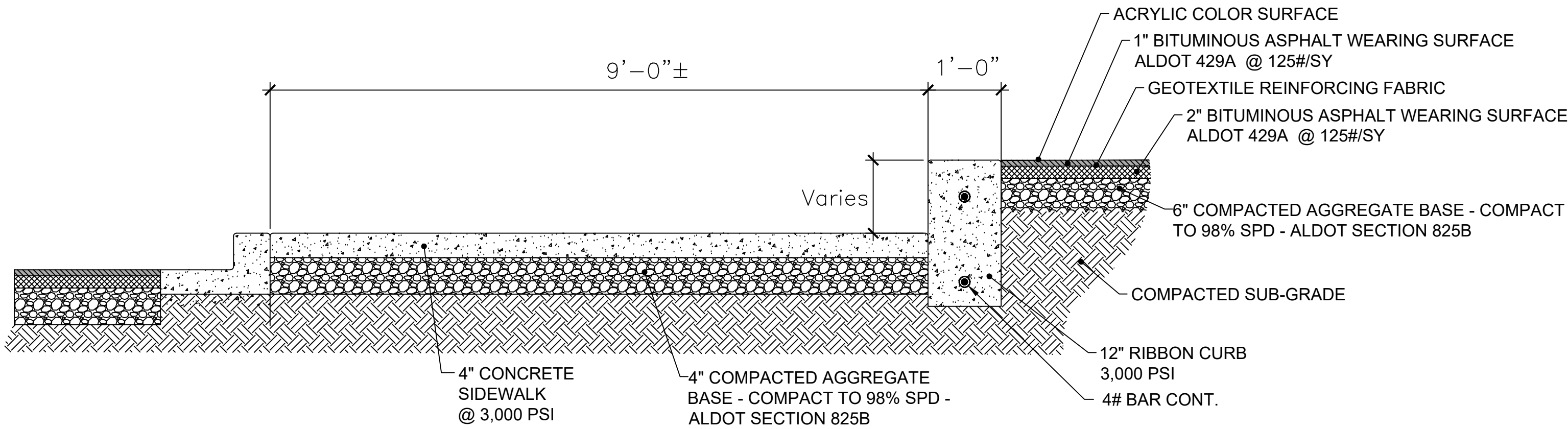
Sheet 13 of 16



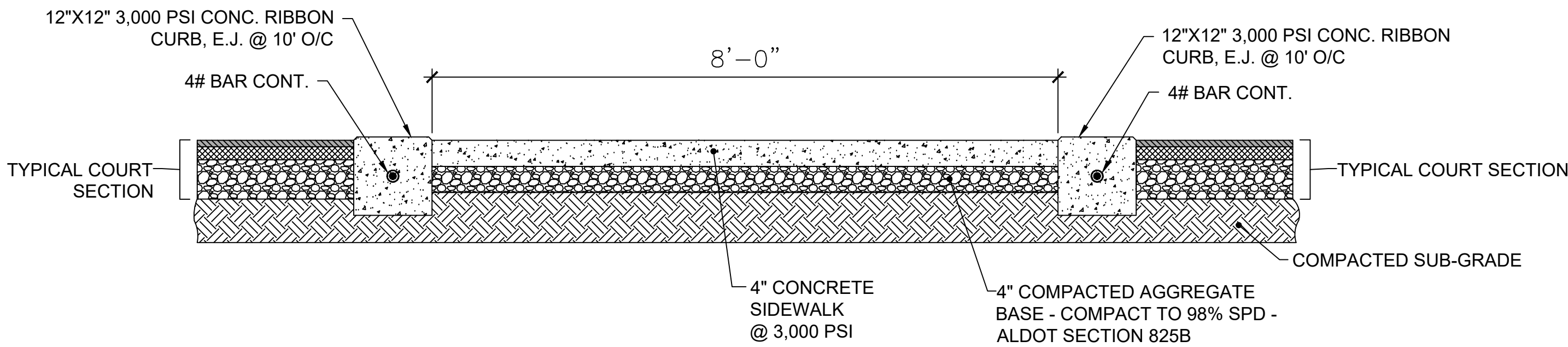
1 **SPREAD FOOTING PLAN DETAIL (TYPE I CORNER)** NOT TO SCALE
6'-0" X 6'-0" SPREAD FOOTING TYPE I



SECTION A-A NOT TO SCALE
6'-0" X 6'-0" SPREAD FOOTING TYPE I



TYPICAL S.W. @ PARKING AREA NOT TO SCALE



TYPICAL S.W. SECTION @ COURTS NOT TO SCALE

ALABAMA
REGISTERED
No. 24693
PROFESSIONAL
ACCOUNTANT
W. L. HARRIS
REV: 01/20/25

[illegible]

PROJECT:
Leeds Pickleball Centre

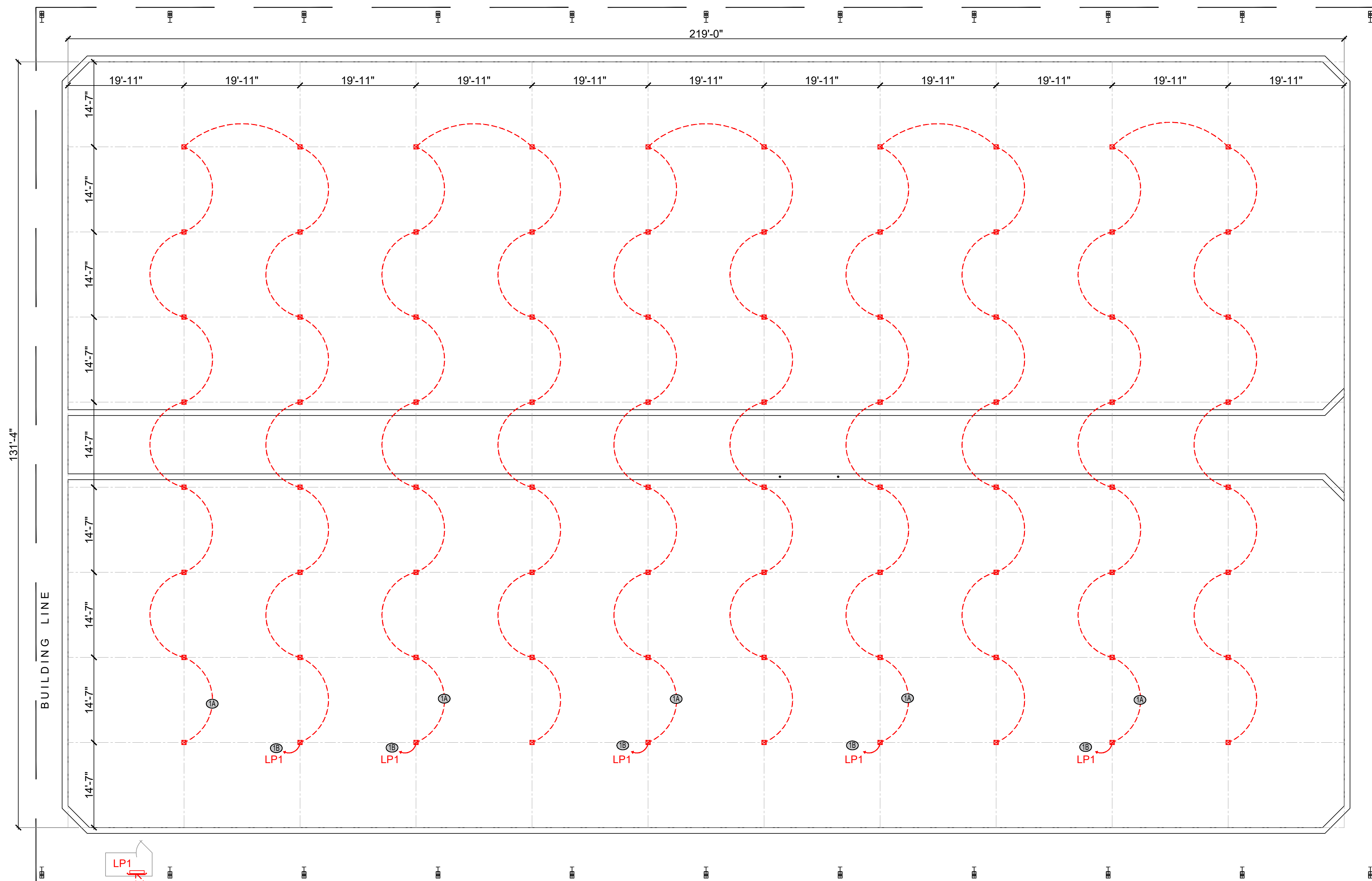
Location:
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keithlhager@icloud.com
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Birmingham, AL 35216
Direct: 205.229.1738

E1.0

Sheet 14 Of 16

- ### GENERAL NOTES
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT.
 2. IN THE EVENT OF ANY DISCREPANCIES AND OR ERRORS FOUND IN THE DRAWINGS, OR IF PROBLEMS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO NOTIFY THE ENGINEER BEFORE PROCEEDING WITH THE WORK. IF THE ENGINEER IS NOT NOTIFIED THE CONTRACTOR SHALL TAKE RESPONSIBILITY FOR THE COST OF ANY REVISION
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 4. ALL HANDICAP WORK PERFORMED BY THE CONTRACTOR SHALL COMPLY WITH ALL PERTINENT PROVISIONS OF THE "AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES FOR BUILDING AND FACILITIES" ISSUED BY THE U.S. ARCHITECTURAL AND TRANSPORTATION BARRIERS COMPLIANCE BOARD.



Pre-Cast Bathroom (By Others)	
-------------------------------	--

SERVICE FEED
120v - 1Ø

New Underground Feed
Approx. 25 LF
(3)#4 & (1)#8 Ground in 1.5" Conduit

New Service Pole w Meter

New Overhead Drop (by ALPOWER)

Existing Power (Overhead)

— New Underground Feed
Approx. 330LF
2" PVC Coinduit with Pull String for Later connection By Others

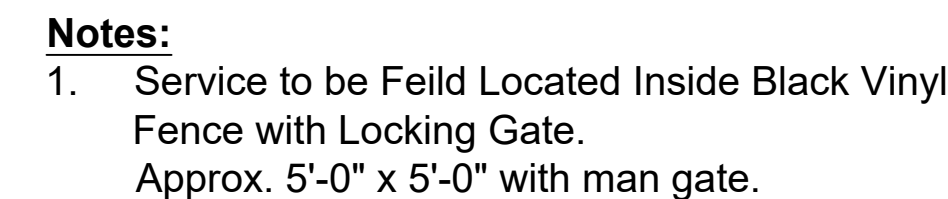
LIGHT	SYMBOL	MODEL	MOUNT HGT	QUANTITY
A		ASD LIGHTING - ASD-UHB5-PRO-100BK	20'-0"	80

FEED	SYMBOL	Conductor / Conduit
1A		(2) #12 & (1) #12 grd. - 0.75" Conduit
1B		(3) #4 & (1) #8 grd. - 1.25" Conduit

1 ELECTRICAL LIGHTING PLAN

SCALE: 3/16" = 1'-0"

1. ALL ELECTRICAL WORK TO BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL ORDINANCES. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS.
2. CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL DETAILS OF THE WORK AND ALL EXISTING FIELD CONDITIONS.
3. THE ELECTRICAL CONTRACTOR SHALL CAREFULLY COORDINATE HIS WORK WITH OTHER CONTRACTORS THROUGH THE GENERAL CONTRACTOR FOR SPACE REQUIREMENTS, ETC.
4. CONTRACTOR SHALL VERIFY ALL MECHANICAL EQUIPMENT NAMEPLATE DATA BEFORE ANY WORK IS DONE AND MAKE ANY ADJUSTMENTS IN BREAKER AND WIRE SIZE AS MAY BE REQUIRED.
5. IN THE EVENT OF ANY DISCREPANCIES OR ERRORS FOUND IN THE DRAWINGS OR IF PROBLEMS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO NOTIFY THE ENGINEER BEFORE PROCEEDING WITH THE WORK. IF THE ENGINEER IS NOT NOTIFIED THE CONTRACTOR SHALL TAKE RESPONSIBILITY FOR THE COST OF ANY REVISION.
6. THE ELECTRICAL DRAWINGS ARE SCHEMATIC AND ARE NOT INTENDED TO SHOW THE EXACT LOCATION OF CONDUITS, OUTLETS, ETC. THE CONTRACTOR SHALL REFER TO ARCHITECTURAL, MECHANICAL, AND PLUMBING DRAWINGS AND SHALL FIT HIS WORK TO CONFORM WITH THE BUILDING CONSTRUCTION, AND WITH THE OTHER TRADES.
7. MOUNTING HEIGHTS OF ALL WALL OUTLETS SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:
WALL SWITCHES.....4'-0" H
RECEPTACLES GENERAL 1'-0" H
TELEPHONE 1'-0" H
EXIT LIGHT.....CENTERLINE ABOVE DOOR
8. VERIFY ALL DOOR SWINGS WITH ARCHITECT BEFORE ROUGHING LIGHT SWITCHES
9. CONTRACTOR SHALL CHECK ALL LIGHT FIXTURES FOR EXACT TYPE MOUNTING AND SPACE REQUIRED BEFORE ROUGHING IN.
10. FLUSH MOUNT ALL WIRING DEVICES.
11. CONCEAL ALL CONDUIT ABOVE CEILING. IN WALLS OR BELOW FLOOR SLAB
12. WHERE JUNCTION BOXES ARE INDICATED, COMPLETE WIRING TO EQUIPMENT WITH FLEXIBLE METAL CONDUIT AND APPROPRIATELY SIZED CONDUCTORS.
13. PROVIDE PLUG-IN TRANSIENT VOLTAGE SURGE SUPPRESSOR-INNOVATIVE TECHNOLOGY MODEL SPU-2
14. OMIT
15. ALL WIRING TO 120V DUPLEX RECEPTACLES SHALL BE 3 - #12 IN 3/4" ELECTRIC METAL TUBING, UNLESS OTHERWISE NOTED.
16. ALL WIRING TO LIGHT SOURCES SHALL BE 3 - #12 IN 3/4" ELECTRIC METAL TUBING, UNLESS OTHERWISE NOTED.
17. PAINT ALL EXTERIOR EXHAUST FANS, ROOF JACKS AND WALL CAPS TO MATCH EXTERIOR WALLS AND ROOFS. SUBMIT PROPOSED PAINT COLOR SAMPLES TO OWNER FOR APPROVAL
18. THE CONTRACTOR SHALL COMPLY WITH ALL PERTINENT PROVISIONS OF **"THE MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION"** ISSUED BY AGC OF AMERICA, INC. AND THE **"SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION"**, ISSUED BY THE U. S. DEPARTMENT OF LABOR



Panel LP1

Time Clock

Photocell

1-hour Twist Timer

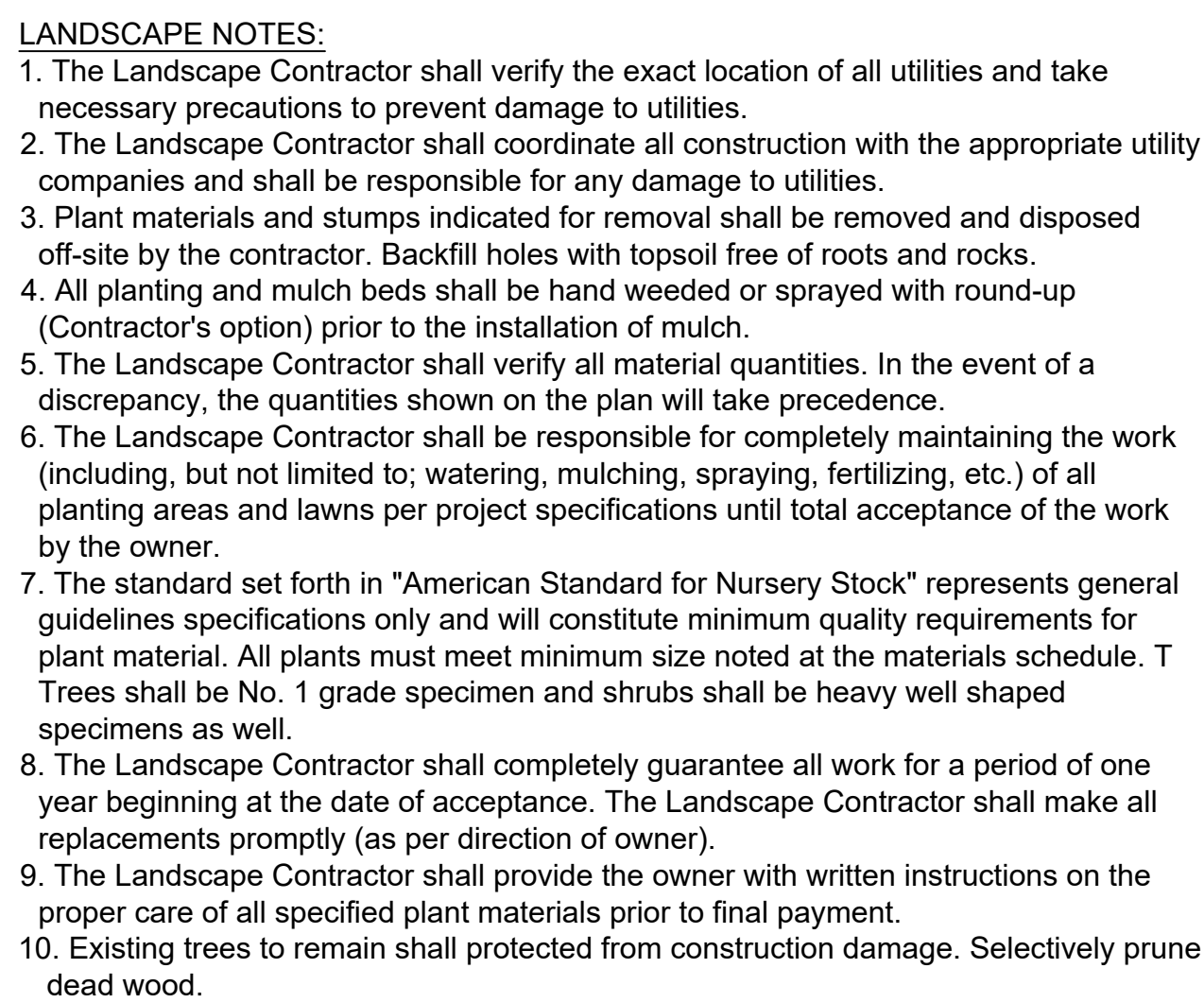
Lighting Contactor 6-Pole

to lighting

LIGHTING CONTROL SCHEMATIC

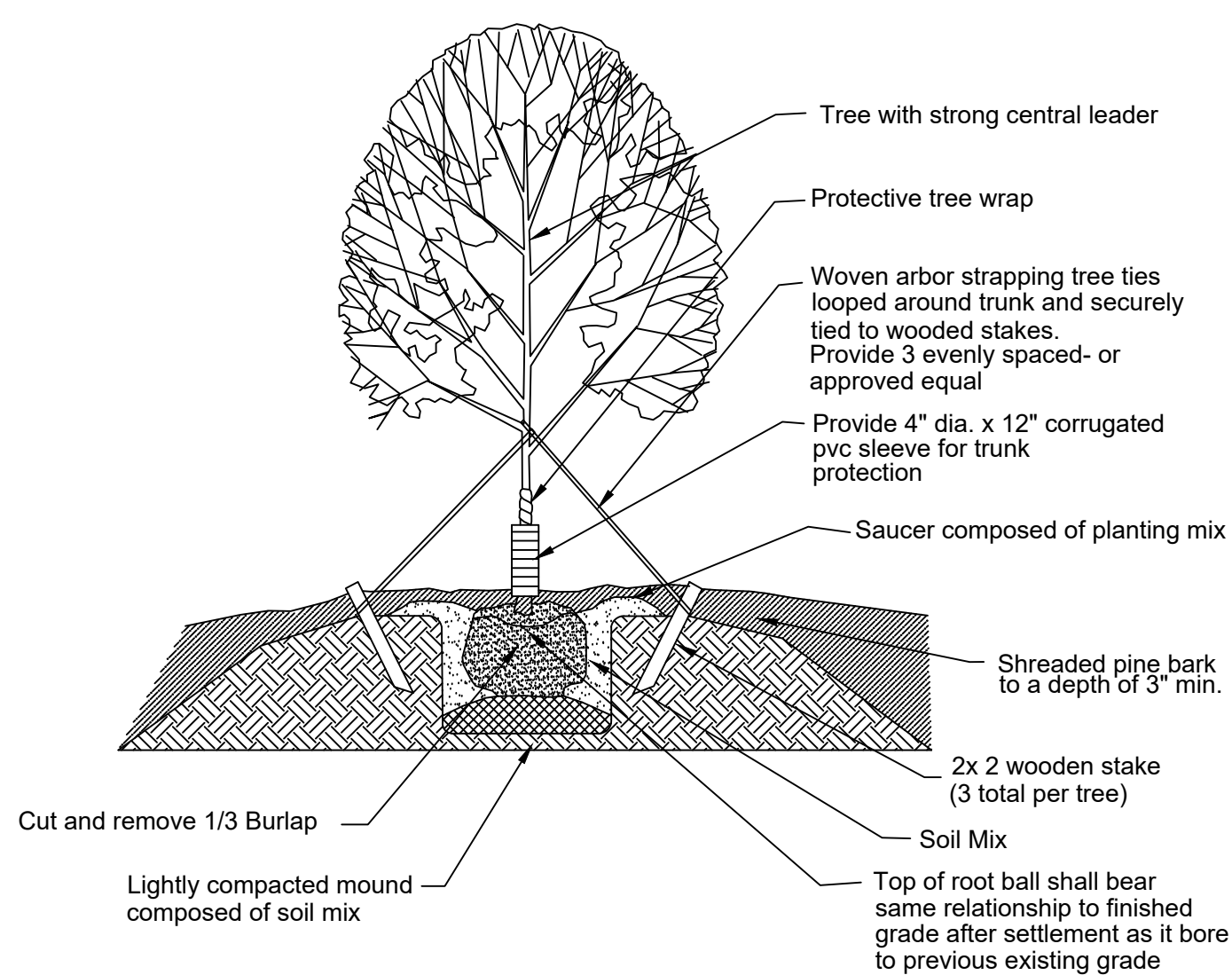
NO SCALE

Service 120V
Total Amps
178.5 Amps



 - Solid Bermuda SOD

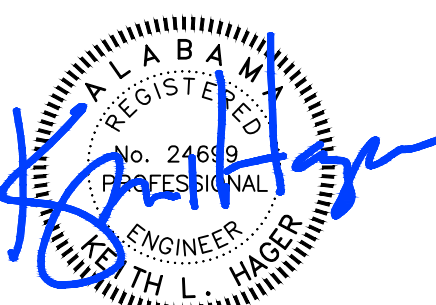
 - Seeding & Mulch



The site plan illustrates the proposed 12-unit residential building, which is a two-story structure with a central corridor and two rows of six units. Each unit features a blue roof and yellow horizontal accents. The building is situated between Park Dr. to the south and an existing Civic Center to the west. To the east of the building is Parking Lot No. 2, which includes a proposed bathroom. To the west is Parking Lot No. 1, which includes a drive-thru lane and a proposed parking area. The plan also shows landscaping details, including Nuttall Oak trees, SOD (Seeded Overseeded) areas, and SEEDING areas. A Low-Water Crossing is indicated at the top of the plan. The building is labeled with '12' and '14' in circles, and the parking lots are labeled '12' and '14' in circles. The drive-thru lane is labeled 'Drive Thru Lane' and the existing Civic Center is labeled 'Existing Civic Center'. The proposed bathroom is labeled 'Proposed Bathroom'. The plan also shows a 'Proposed Parking' area and a 'Low-Water Crossing'.

SCALE: 1"=20'

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Location:
Leeds, Alabama

HagerCo-LLC
Civil & Structural Engineers
keithlhager@icloud.com
1025 Montgomery Highway, Suite 110
Birmingham, AL 35216

Landscaping Plan

LS1.0

Sheet 16 of 16

