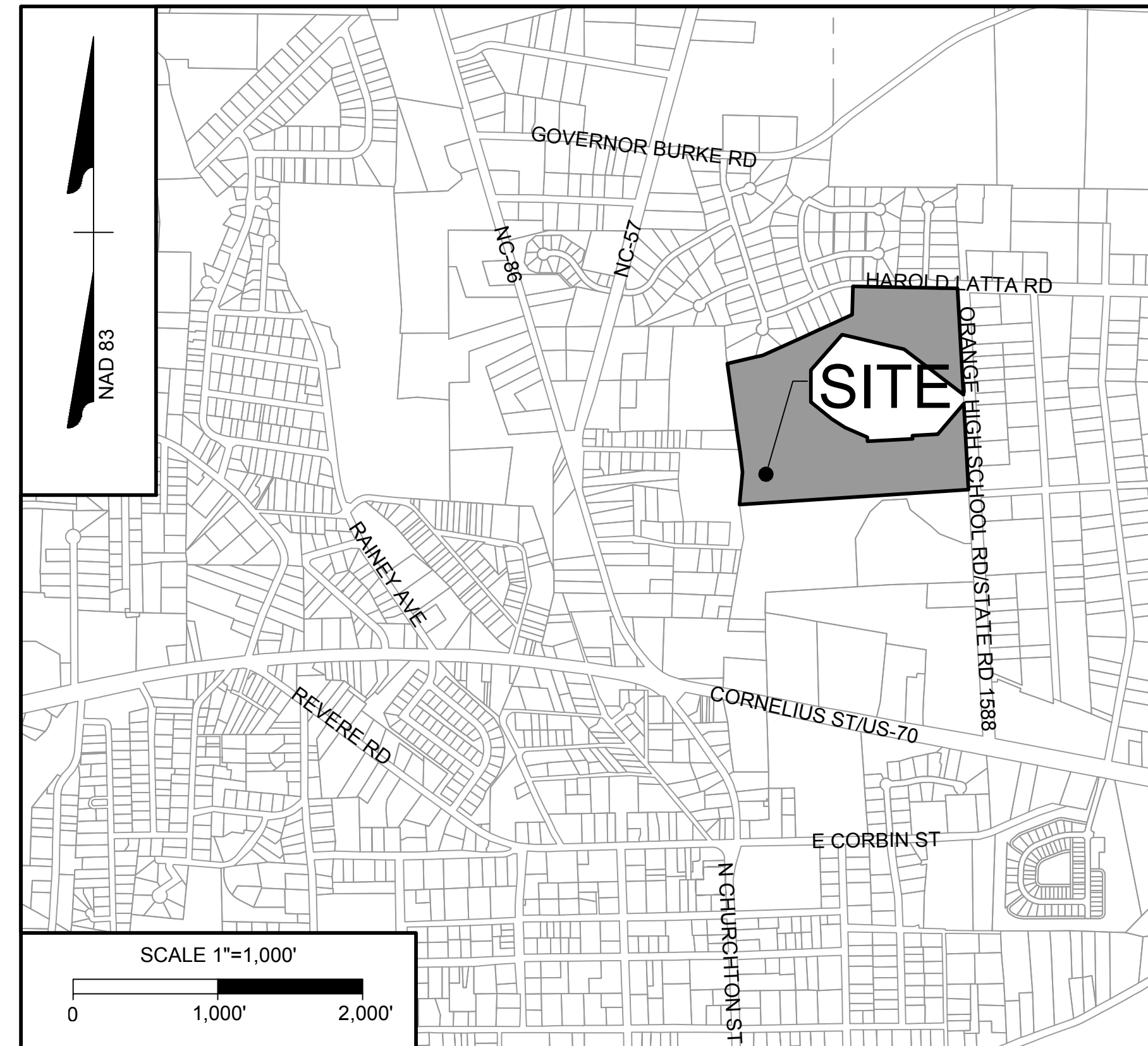


BID DOCUMENTS

ORANGE & CEDAR RIDGE HIGH SCHOOLS

ATHLETIC FACILITY IMPROVEMENTS

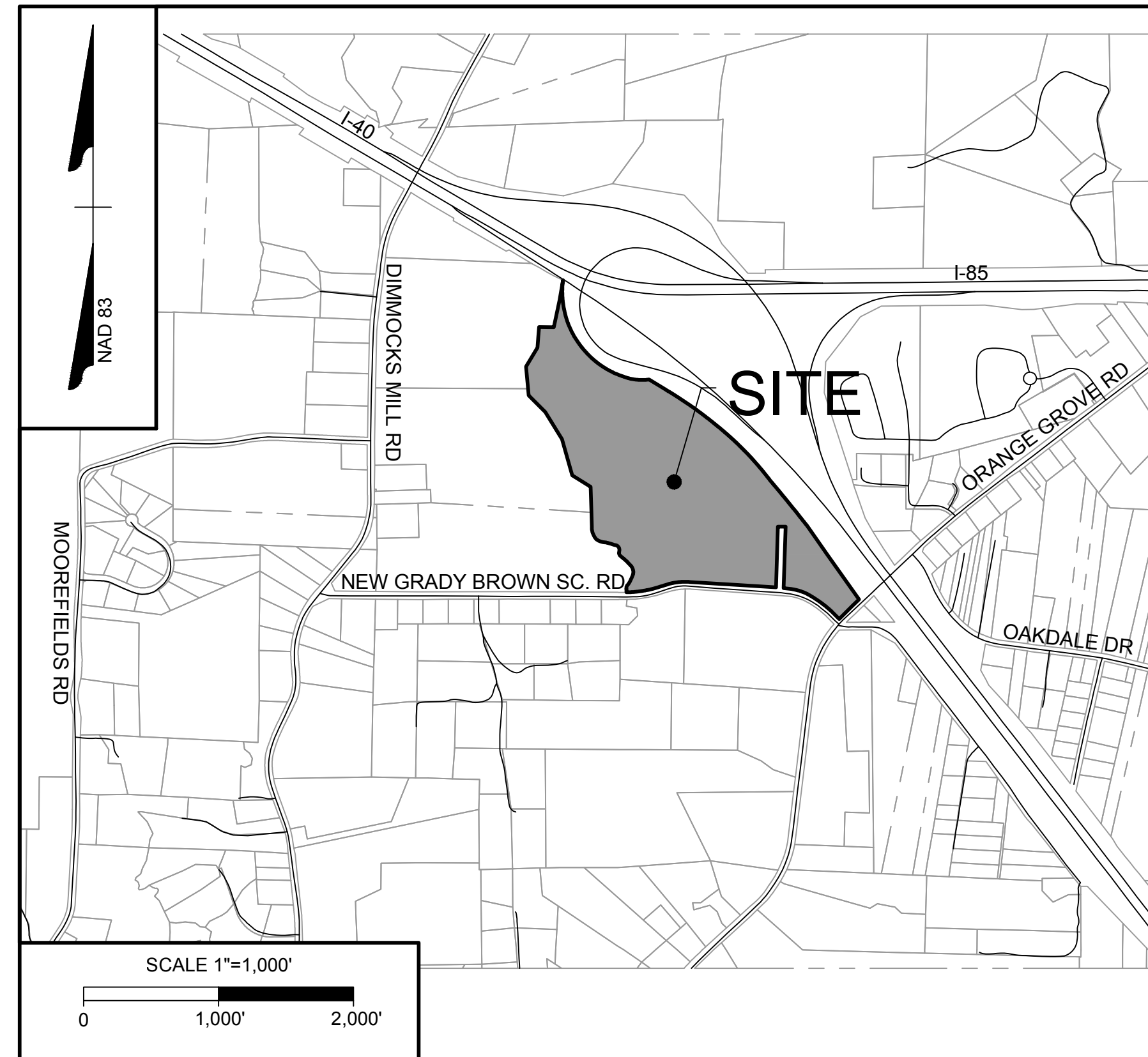
HILLSBOROUGH, NC 27278



VICINITY MAP 1
1"=1,000'

SITE DATA 1 (ORANGE COUNTY HS)

SITE ADDRESS:	500 ORANGE HIGH SCHOOL RD HILLSBOROUGH, NC 27278
PROJECT:	ORANGE COUNTY HIGH SCHOOL RESURFACING
TOTAL TRACT AREA:	47 AC
TOTAL DISTURBED AREA:	10900 SF
PARCEL NUMBER:	9875220201
TOWNSHIP:	HILLSBOROUGH
EXISTING USE:	EDUCATIONAL
PROPOSED USE:	EDUCATIONAL
ENGINEER:	BLAKE HALL, PE TIMMONS GROUP 5410 TRINITY ROAD, SUITE 102 RALEIGH, NC 27607 PHONE: 919-866-4933 FAX: 919-859-5663 EMAIL: BLAKE.HALL@TIMMONS.COM



VICINITY MAP 2
1"=1,000'

SITE DATA 2 (CEDAR RIDGE HS)

SITE ADDRESS:	1125 NEW GRADY BROWN SCOOOL RD HILLSBOROUGH, NC 27278
PROJECT:	CEDAR RIDGE HIGH SCHOOL RESURFACING
TOTAL TRACT AREA:	70 AC
TOTAL DISTURBED AREA:	NONE
PARCEL NUMBER:	9863281924
TOWNSHIP:	HILLSBOROUGH
EXISTING USE:	EDUCATIONAL
PROPOSED USE:	EDUCATIONAL
ENGINEER:	BLAKE HALL, PE TIMMONS GROUP 5410 TRINITY ROAD, SUITE 102 RALEIGH, NC 27607 PHONE: 919-866-4933 FAX: 919-859-5663 EMAIL: BLAKE.HALL@TIMMONS.COM

Sheet Number	Sheet Title
C0.0	COVER SHEET
C1.0	OHS EXSTING CONDITIONS AND DEMOLITION PLAN
C1.1	OHS SITE LAYOUT, DRAINAGE AND GRADING PLAN
C1.2	OHS TENNIS COURTS ENLARGEMENT PLAN
C1.3	OHS SITE PHOTOS
C1.4	OHS NOTES AND DETAILS
C2.0	CRHS EXSTING CONDITIONS AND DEMOLITION PLAN
C2.1	CRHS SITE LAYOUT, DRAINAGE AND GRADING PLAN
C2.2	CRHS TENNIS COURTS ENLARGEMENT PLAN
C2.3	CRHS SITE PHOTOS
C2.4	CRHS NOTES AND DETAILS

BID ALTERNATES:

ORANGE HIGH SCHOOL-ATHLETIC IMPROVEMENTS ALTERNATES
1-TENNIS COURT REPLACEMENT
2- TRACK 1" MILL AND OVERLAY
3- STORM DRAIN

CEDAR RIDGE HIGH SCHOOL-ATHLETIC IMPROVEMENTS ALTERNATES
4-TENNIS COURT REPLACEMENT
5- TRACK 1" MILL AND OVERLAY

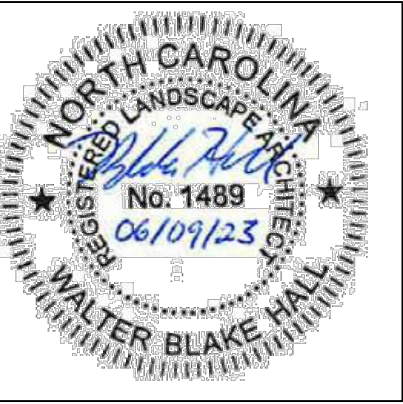


LEGEND

REMOVE

DEMOLITION NOTES

- DO NOT INTERRUPT EXISTING UTILITIES SERVING FACILITIES OCCUPIED BY THE OWNER OR OTHERS EXCEPT WHEN PERMITTED UNDER THE FOLLOWING CONDITIONS AND THEN ONLY AFTER ARRANGING TO PROVIDE ACCEPTABLE TEMPORARY UTILITY SERVICES. (1) NOTIFY ARCHITECTS NOT LESS THAN ONE WEEK IN ADVANCE OF PROPOSED UTILITY INTERRUPTIONS. (2) DO NOT PROCEED WITH UTILITY INTERRUPTIONS WITHOUT RECEIVING ARCHITECTS WRITTEN PERMISSION. (3) COORDINATE ALL UTILITY RELOCATION WITH APPROPRIATE UTILITY PROVIDER.
- SUBSURFACE FEATURES ARE SHOWN IN APPROXIMATE LOCATION. CONTRACTOR IS RESPONSIBLE FOR SUBSURFACE UTILITY EXPLORATION TO DETERMINE UTILITY LOCATIONS AND DEPTHS.
- VERIFY LOCATIONS AND SIZES OF ALL EXISTING FEATURES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- LOCATE EXISTING UTILITIES PRIOR TO CONSTRUCTION, AND SHALL REPAIR OR REPLACE ANY DAMAGES TO EXISTING UTILITIES RESULTING FROM CONSTRUCTION.



ORANGE COUNTY SCHOOLS - ATHLETIC IMPROVEMENTS

500 ORANGE HIGH SCHOOL RD, HILLSBOROUGH, NC 27278
1125 NEW GRADY BROWN SCHOOL RD, HILLSBOROUGH, NC 27278

PROJECT NO. 44222.002
DATE: JUNE 09, 2022
REVISIONS
DATE DESCRIPTION

OHS EXISTING
CONDITIONS,
DEMOLITION AND
EROSION CONTROL PLAN



ALTERNATE BIDS:

1 - TENNIS COURT REPLACEMENT
DESCRIPTION: THE REMOVAL AND REPLACEMENT OF THE EXISTING (6 COURTS) ASPHALT AND FENCING AS SHOWN ON THE DRAWINGS AND ACCORDING TO SPECIFICATION SECTION 32 18 23.53 FURNISH NEW ASPHALT, FENCING, NET POSTS, NETS, AND SURFACING INCLUDING ALL WORK NORMAL, NECESSARY AND USUAL IN THE CONSTRUCTION OF SUCH IMPROVEMENTS. PROOF ROLL EXISTING 6" ABC STONE BASE PER SPECIFICATIONS AND REPAIR UNSUITABLE AREAS AS NECESSARY. PAYMENTS FOR UNSUITABLES SHALL BE MADE THROUGH UNIT PRICE ALLOWANCES.

2 - TRACK 1" MILL AND OVERLAY
DESCRIPTION: AFTER RUBBER SURFACING IS REMOVED, DESIGN TEAM WILL INSPECT THE ASPHALT AT WHICH TIME WE WILL DETERMINE IF A 1" MILL AND OVERLAY WITH SF9.5B SURFACE COURSE IS RECOMMENDED. PRICING SHALL REFLECT A 1" MILL AND OVERLAY OF THE ENTIRE ASPHALT TRACK AREA.

SLOPE & SURFACE STABILIZATION		
GROUND STABILIZATION SHALL BE PROVIDED ON ALL DISTURBED AREAS ACCORDING TO FOLLOWING SCHEDULE:		
SITE AREA DESCRIPTION	STABILIZATION TIME FRAME	STABILIZATION TIME FRAME EXCEPTIONS
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HOW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7-DAYS FOR SLOPES GREATER THAN 50 FEET IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE (EXCEPT FOR PERIMETERS AND HOW ZONES).

EXTENSIONS OF TIME MAY BE APPROVED BY THE PERMITTING AUTHORITY BASED ON WEATHER OR OTHER SITE-SPECIFIC CONDITIONS THAT MAKE COMPLIANCE IMPRACTICABLE (SECTION II.B(2) (b))

THE ABOVE REQUIREMENTS ARE THE MINIMUM NECESSARY TO MEET EROSION AND SEDIMENT CONTROL REGULATIONS. THE CONTRACT DOCUMENTS INCLUDE ADDITIONAL SEEDING AND STABILIZATION REQUIREMENTS AND SCHEDULES WHICH MAY EXCEED THOSE ABOVE.

INSTALL SLOPE EROSION CONTROL MATTING FOR TEMPORARY STABILIZATION DURING THE ESTABLISHMENT OF VEGETATIVE COVER ON ALL STEEP SLOPES (3:1 OR STEEPER), REFER TO SPECIFICATION SECTION 311000 FOR MATERIAL SPECIFICATIONS. INSTALL MATTING PER MANUFACTURER'S INSTRUCTIONS.

- NOTES**
- GENERAL NOTES:
- ALL CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE NCSBC AND OSHA STANDARDS AND SHALL BE IN ACCORDANCE WITH ORANGE COUNTY STANDARDS AND SPECIFICATIONS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR OFF-SITE DISPOSAL OF ALL WASTE MATERIALS GENERATED DURING CONSTRUCTION AND FOR OBTAINING ALL APPLICABLE PERMITS FOR OFF-SITE STOCKPILES AND/OR WASTE AREAS.
 - CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES DURING CONSTRUCTION AND SHALL MAKE REPAIRS AT NO EXPENSE TO THE OWNER.
 - PROTECT STUDENTS AND STAFF FROM ALL WORK AREAS. INSTALL ORANGE NON-TEARABLE SAFETY FENCE AROUND EACH WORK AREA.
 - THE SITE SHALL BE STABILIZED AND SEEDED ONCE CONSTRUCTION IS COMPLETE. DISTURBED LANDSCAPED AREAS SHALL BE MULCHED TO MATCH SURROUNDING EXISTING CONDITIONS.
- GENERAL PAVING NOTES:
- COORDINATE THE PROJECT SCHEDULE WITH THE ENGINEER AND OWNER IN COORDINATION WITH THE OWNER'S ONGOING ONSITE OPERATIONS.
 - CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE ADA ACCESSIBILITY CODES AND REGULATIONS AND CONSTRUCT SIDEWALK TO HAVE A MAXIMUM SLOPE OF 2% IN ALL DIRECTIONS.
 - CONTRACTOR TO CONFIRM TIE-IN LOCATIONS AND ENSURE THAT GRADES WILL BE IN COMPLIANCE PRIOR TO CONSTRUCTION. NO WARRANTY IS GIVEN OR IMPLIED REGARDING THE ACCURACY OF EXISTING FEATURES. ALL FEATURES INDICATED ON THE PLANS SHALL BE CONSIDERED APPROXIMATE IN LOCATION AND SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. NOTIFY THE DESIGN ARCHITECT/ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE NOTED.

SEEDBED PREPARATION

- CHISEL ALL OUT GRADED OR COMPACTED AREAS TO A MINIMUM DEPTH OF 8".
- DISC ALL AREAS TO RECEIVE GRASS TO A MINIMUM OF 8 INCHES. MIX AND AMEND WITH 3 INCHES OF WELL-SCREENED TOPSOIL. ON-SITE TOPSOIL MAY BE USED IN PLACE OF IMPORTED TOPSOIL. IF WELL-SCREENED AND DRY PRIOR TO APPLICATION IN ACCORDANCE WITH SPECIFICATION SECTION 02900. TOPSOIL SPREAD ON ATHLETIC FIELDS SHALL BE COMPLETELY VOID OF DEBRIS AND STONES OVER 1/2-IN.
- REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM.
- APPLY AGRICULTURAL LIME, FERTILIZER, AND PHOSPHATE UNIFORMLY AS PER SPECIFICATIONS AND MIX WELL WITH SOIL.
- CONTINUE TILLAGE UNTIL A WELL-PULVERIZED, FIRM, REASONABLY UNIFORM SEEDBED IS PREPARED TO A 6 INCHES DEPTH.
- SEED AT RATE SPECIFIED OR AS NEEDED TO ACHIEVE AND MAINTAIN A THICK HEALTHY GROUND COVER.
- MULCH IMMEDIATELY AFTER SEEDING AND ANCHOR MULCH. BEGIN THOROUGH WATERING OF GRASSED AREAS IMMEDIATELY UPON INSTALLATION. DO NOT ALLOW GRASSED AREAS TO BECOME EXCESSIVELY DRY.
- INSPECT ALL SEEDED AREAS AND MAKE NECESSARY REPAIRS OR RESEEDINGS AS NEEDED.

LIME & FERTILIZATION SCHEDULE

APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS, OR APPLY A MINIMUM 3,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND A MINIMUM 500 LB/ACRE 10-10-10 FERTILIZER, AS NEEDED TO ESTABLISH REQUIRED COVERAGE

SURFACE STABILIZATION REQUIREMENTS

- DURING ALL PHASES OF CONSTRUCTION, GROUND COVER ON EXPOSED SLOPES SHALL BE PROVIDED WITHIN 14 CALENDAR DAYS FOLLOWING COMPLETION OF ANY PHASE OF GRADING.
- FINAL PERMANENT GROUND COVER FOR ALL DISTURBED AREAS SHALL BE PROVIDED ON ALL DISTURBED AREAS WITHIN 14 CALENDAR DAYS FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.
- USE EXCELSIOR MATTING OR OTHER APPROVED CHANNEL LINING MATERIAL TO COVER THE BOTTOM OF CHANNELS.
- APPLY 4000 LB/ACRE GRAIN STRAW OVER SEEDED AREAS AND ANCHOR STRAW CRIMPING. ASPHALT TACKING OR OTHER APPROVED METHOD. ASPHALT TACKING SHALL BE 400 GALLONS PER ACRE.
- MULCH AND ANCHORING MATERIALS MUST NOT BE ALLOWED TO WASH DOWN SLOPES AND CLOG DRAINAGE DEVICES.

TEMPORARY SEEDING SCHEDULE		
DATE	TYPE	PLANTING RATE
AUG 15 - APR 15	3-WAY TALL FESCUE BLEND AND WINTER RYE (GRAIN)	125 LBS/ACRE 25 LBS/ACRE
APR 15 - AUG 15	3-WAY TALL FESCUE BLEND AND GERMAN MILLET ** OR SUDAGRASS (SMALL-STEMMED VAR.) ***	120 LBS/ACRE 25 LBS/ACRE 30 LBS/ACRE

CONSULT CONSERVATION ENGINEER OR SOIL CONSERVATION SERVICE FOR ADDITIONAL INFORMATION CONCERNING OTHER ALTERNATIVES FOR VEGETATION OF DENUEDED AREAS. THE ABOVE VEGETATION RATES ARE THOSE WHICH DO WELL UNDER LOCAL CONDITIONS; OTHER SEEDING RATE COMBINATIONS ARE POSSIBLE.

*** TEMPORARY - RESEED ACCORDING TO OPTIMUM SEASON FOR DESIRED PERMANENT VEGETATION. DO NOT ALLOW TEMPORARY COVER TO GROW OVER 12" IN HEIGHT BEFORE MOWING, OTHERWISE FESCUE MAY BE SHADED OUT.

PERMANENT SEEDING SCHEDULE

TURF TYPE TALL FESCUE, BLEND, BLUE TAG CERTIFIED SEED ONLY. (NO KENTUCKY 31 IS ALLOWED.)

ALL SEED SHALL HAVE A MINIMUM PURITY OF 98 PERCENT (98%) AND A GERMINATION RATE OF 85 PERCENT (85%). (REFER TO PLANTING PLAN AND SEED SPEC FOR INSTALLATION)

* ALL SEED SHALL HAVE A MINIMUM PURITY OF 98 PERCENT (98%) AND A GERMINATION RATE OF 85 PERCENT (85%).

** WHEN SEEDING MUST TAKE PLACE OUT-OF-SEASON FOR PERMANENT GRASS, APPROPRIATE TEMPORARY SEEDING SHALL BE DONE AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERMANENT SEEDING AS SPECIFIED IN SEASON AT NO ADDITIONAL COST TO OWNER.

LAWN MAINTENANCE NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR LAWN MAINTENANCE UNTIL FINAL COMPLETION.
- LAWN MUST BE AT 95% COVERAGE AT SUBSTANTIAL COMPLETION REVIEW TO BE ACCEPTED.
- IF NOT AT 95%, SUBSTANTIAL COMPLETION WILL BE DELAYED UNTIL THE FOLLOWING GROWING SEASON.

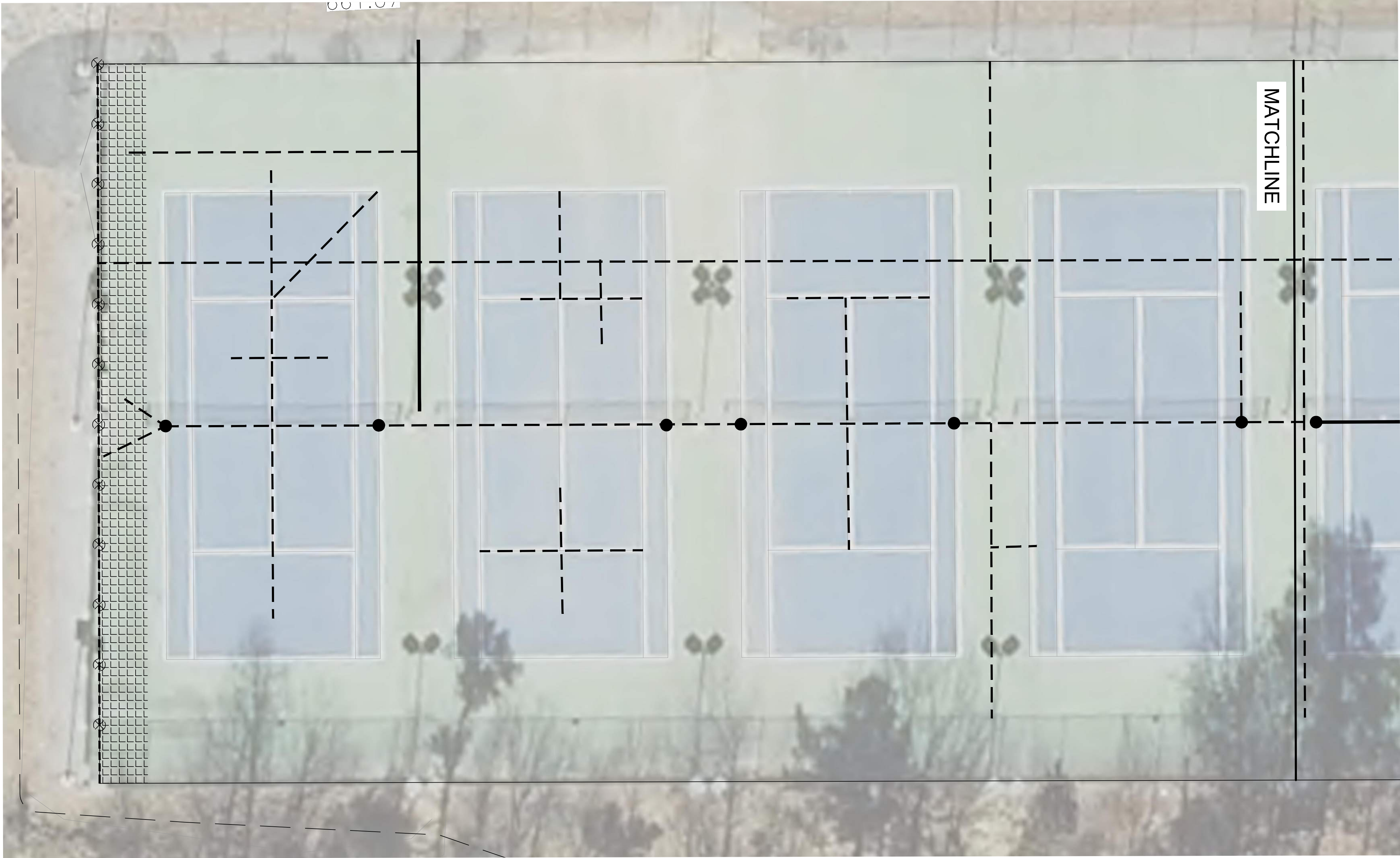
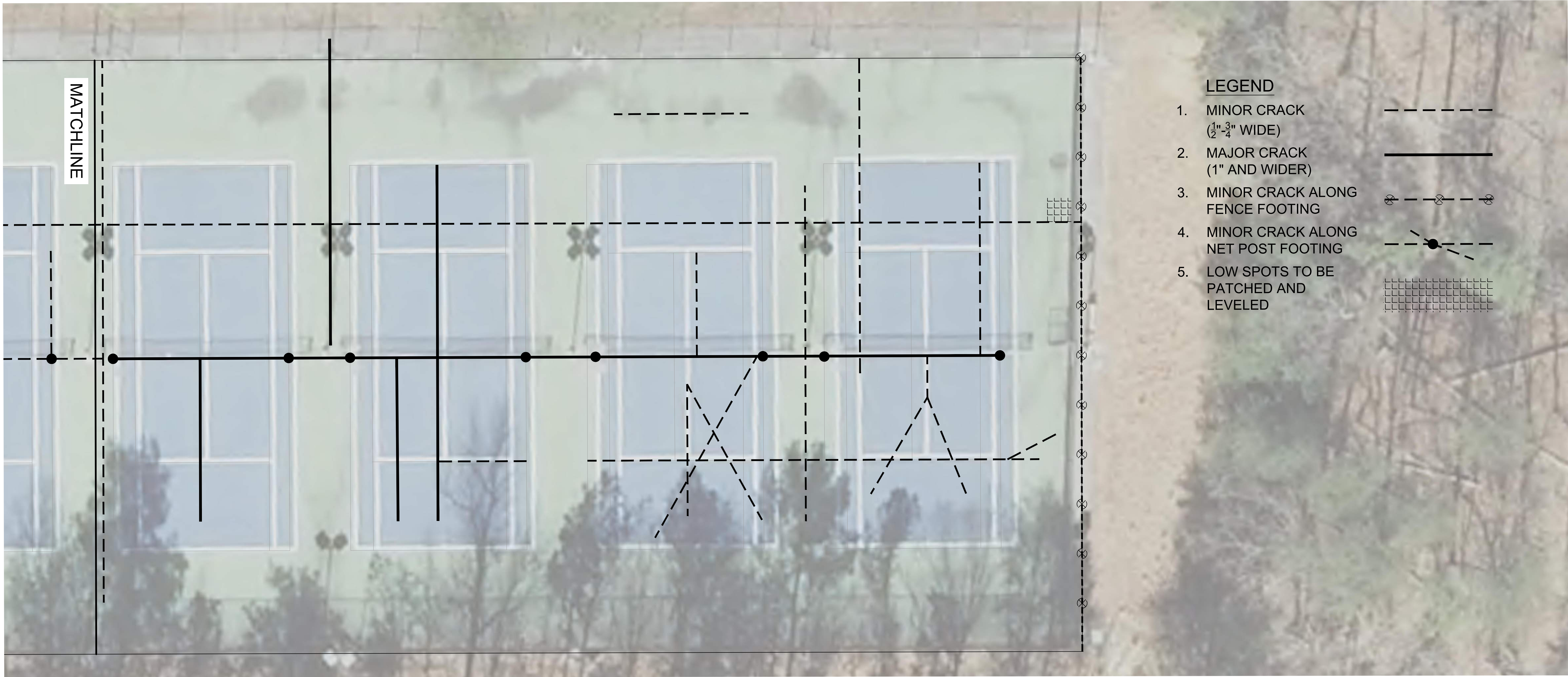
LEGEND

4" CONCRETE SIDEWALK

TRACK SURFACING

BASE BID:
REMOVE VEGETATION CLEAN OUT AND PATCH CRACKS AS NECESSARY WITH ACRYLIC PATCHING MATERIAL. INSTALL GARDIAN CRACK REPAIR SYSTEM FOLLOWING MANUFACTURERS RECOMMENDATIONS. PATCH DEPRESSIONS AND BIRD BATHS WITH ACRYLIC PATCHING MATERIAL. APPLY NUSURF ACRYLIC RESURFACER (LAYKOLD OR APPROVED EQUIVALENT PER MANUFACTURERS RECOMMENDATIONS). APPLY FORTRESS FIBERGLASS MEMBRANE SYSTEM OVER ENTIRE COURT SURFACE THEN INSTALL A SECOND COAT OF NUSURF ACRYLIC RESURFACER THEN TWO COATS OF SAND-FILLED COATS OF LAYKOLD COLORCOAT SYSTEM PER MANUFACTURERS RECOMMENDATIONS.

(REFER TO DETAILS FOR PAVING SECTIONS)



NOTE:
LOCATION AND QUANTITIES OF CRACKS AND REPAIR AREAS ARE SHOWN AS APPROXIMATE.
CONTRACTOR SHALL VERIFY PRIOR TO BIDDING AND IS RESPONSIBLE FOR FULL SURFACE
REPAIR PER MANUFACTURERS SPECIFICATIONS.



MAJOR CRACKS



MINOR CRACKS ALONG NET POST FOOTING



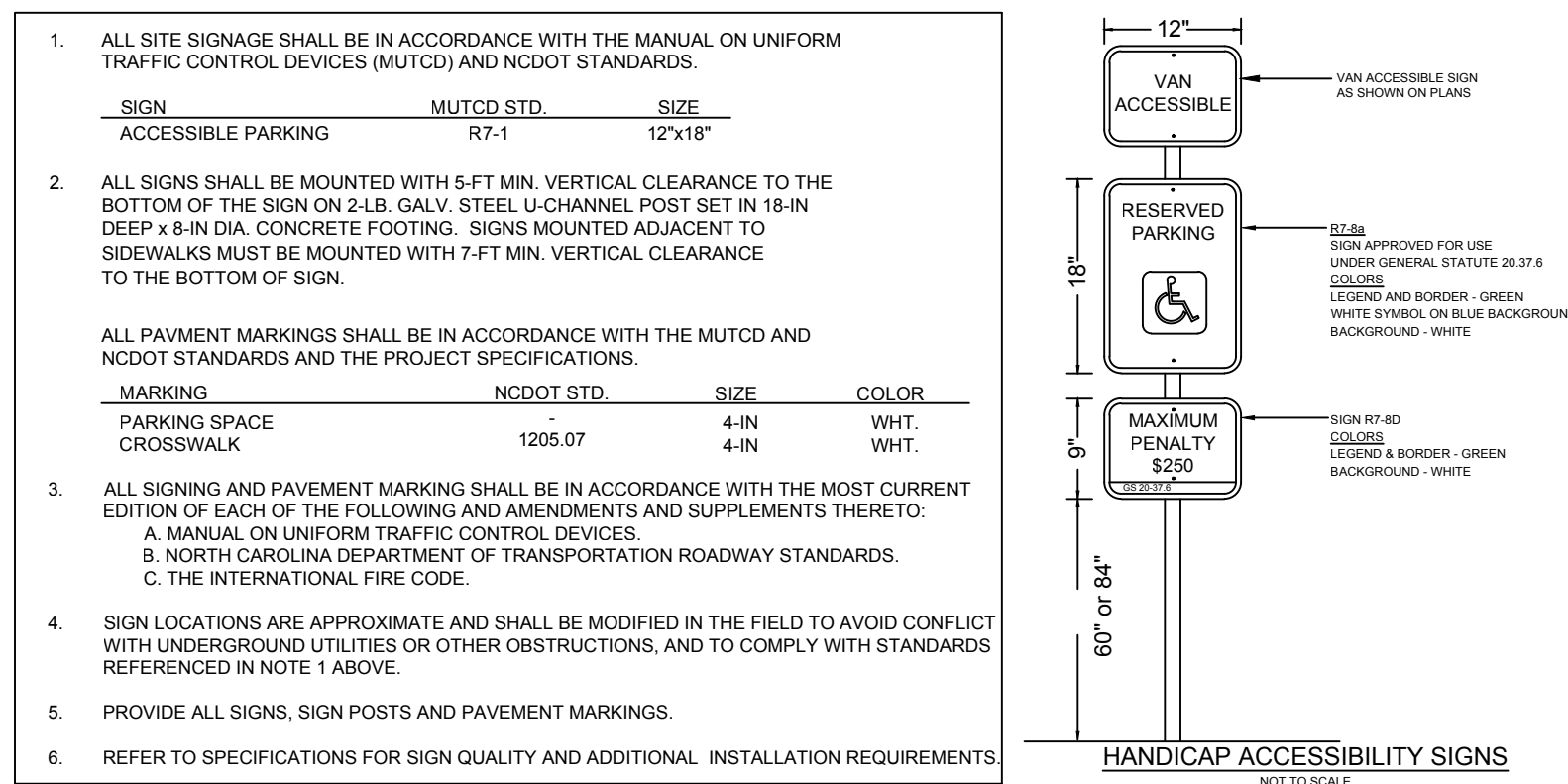
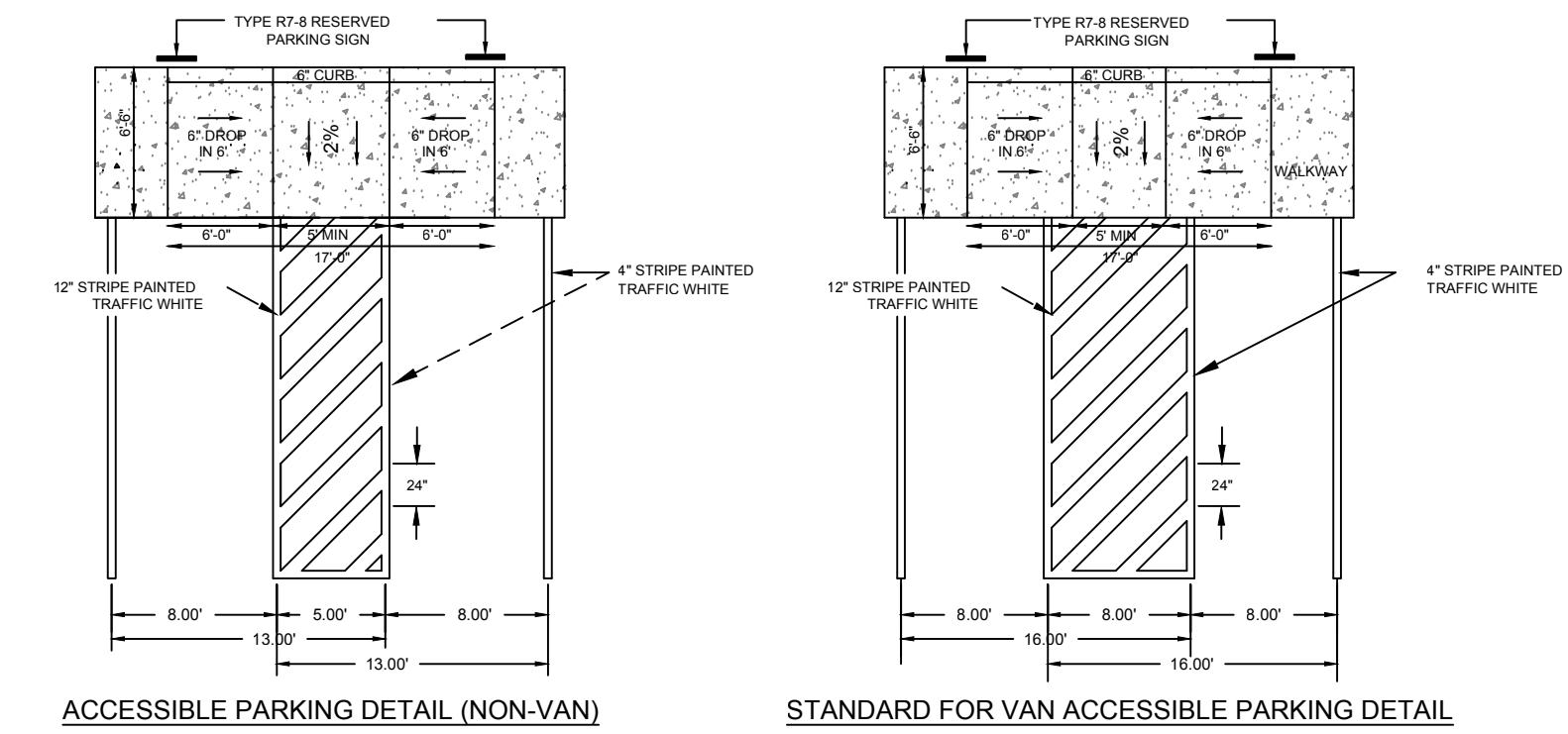
LOW SPOT TO BE PATCHED



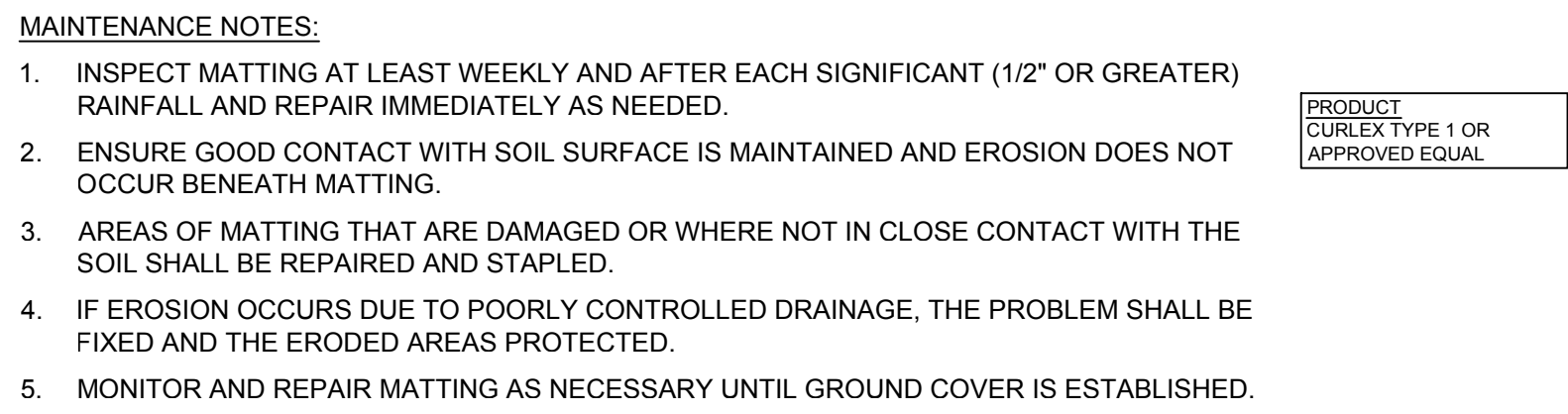
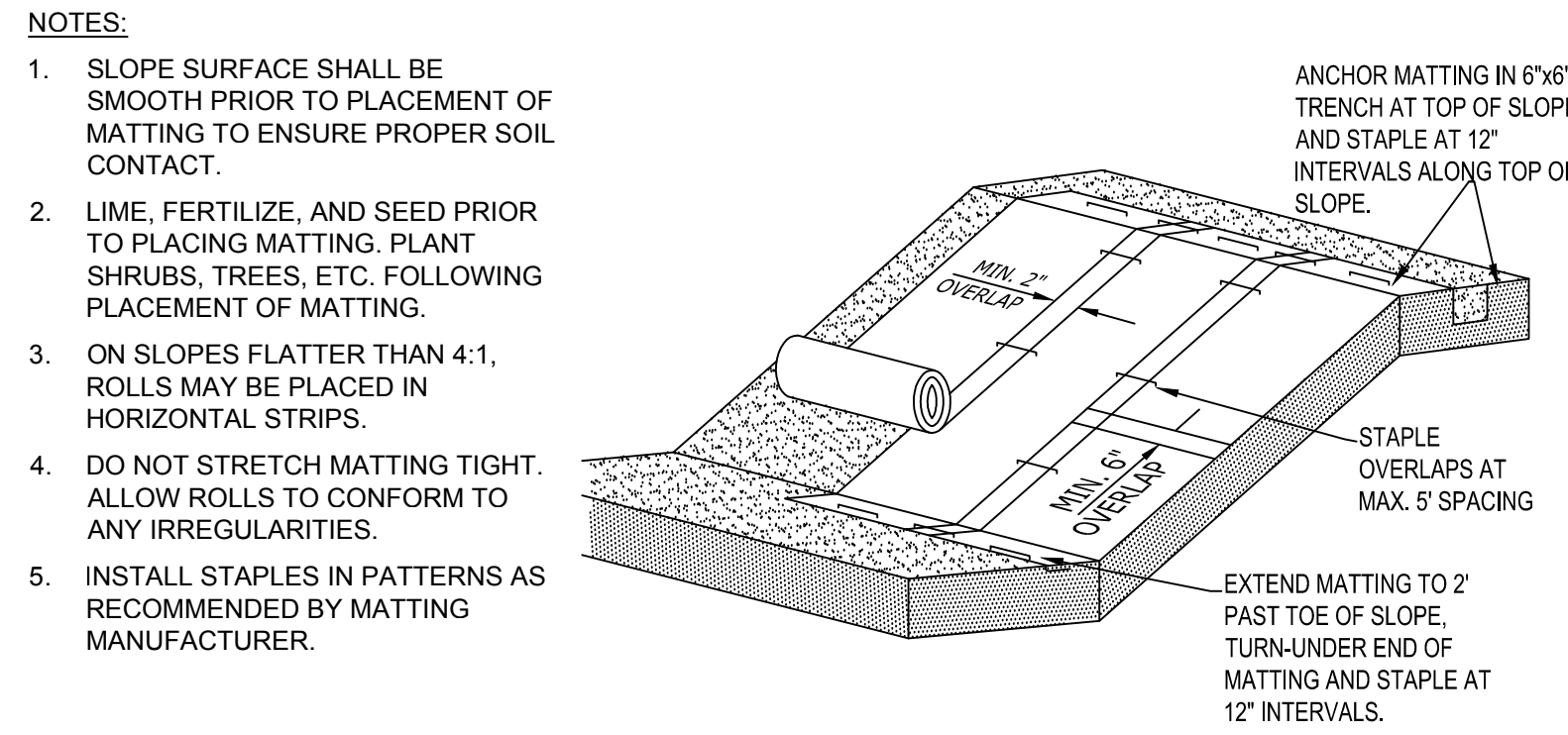
LOW SPOT TO BE PATCHED AND LEVELED



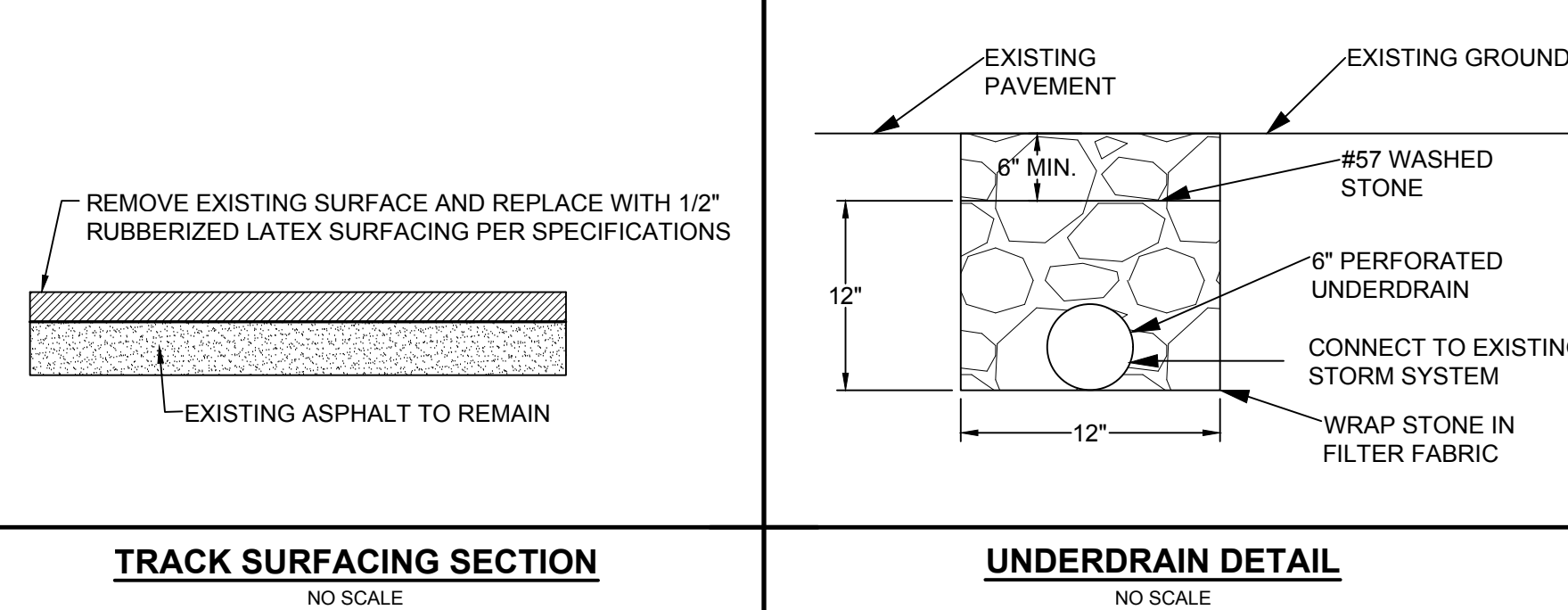
PROJECT NO. 44222.002	
DATE: JUNE 09, 2022	
REVISIONS	
DATE	DESCRIPTION



HANDICAP PARKING DETAIL
NO SCALE

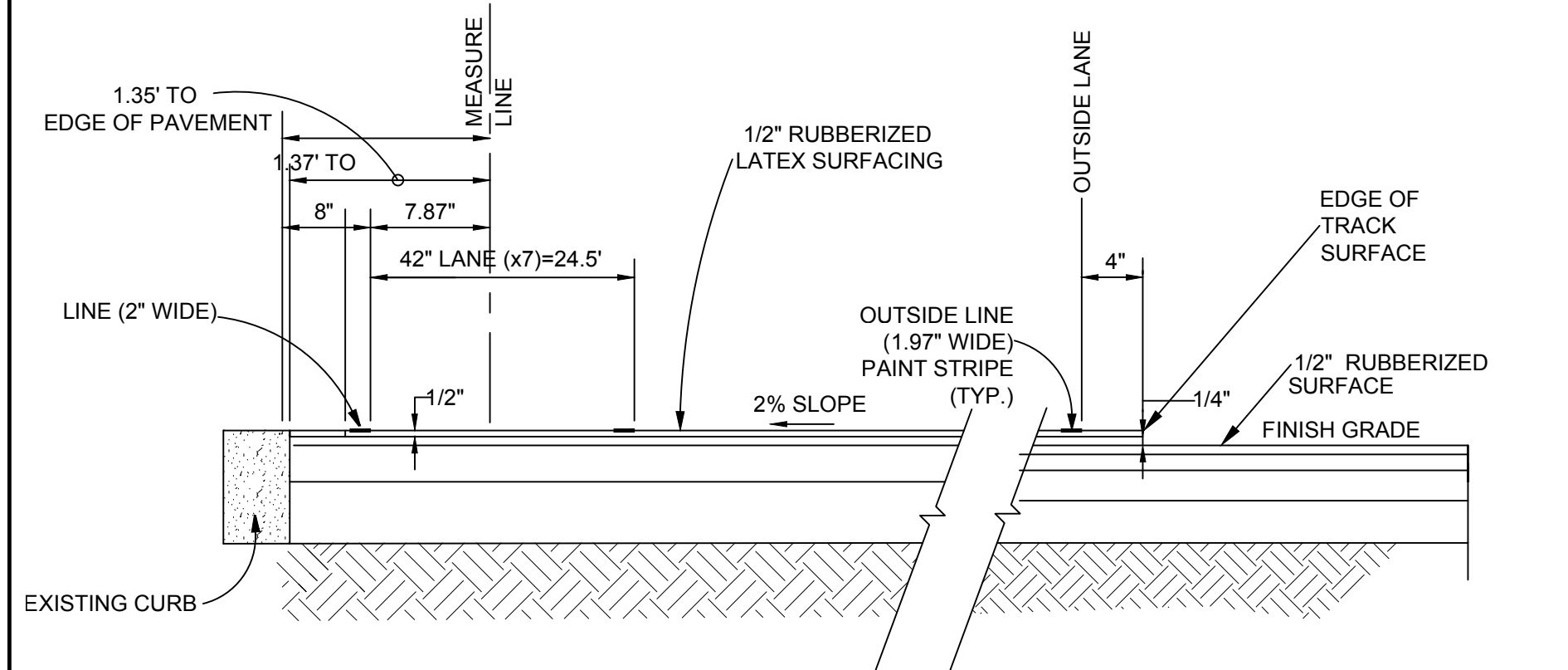


ROLLED EROSION CONTROL PRODUCT
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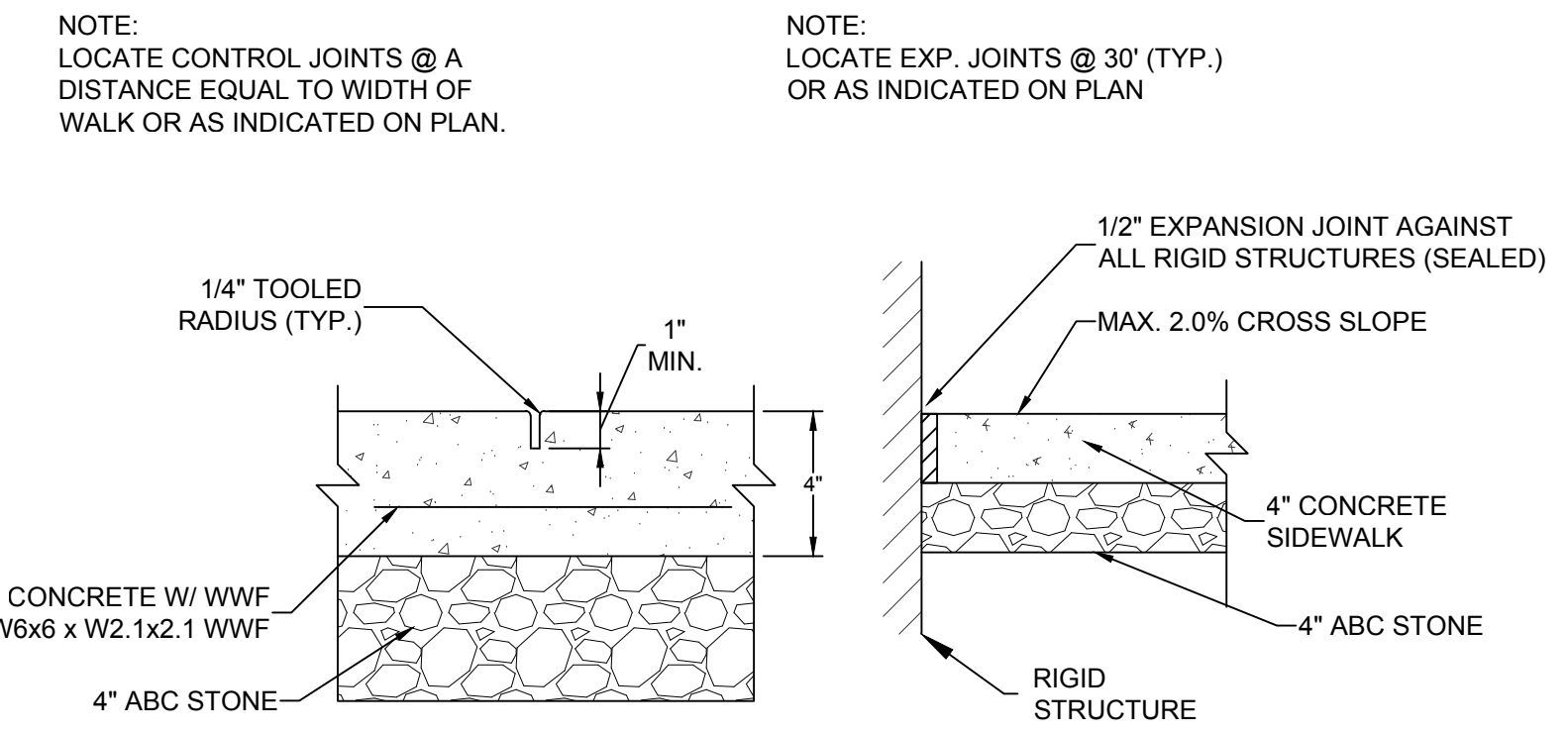


TRACK SURFACING SECTION
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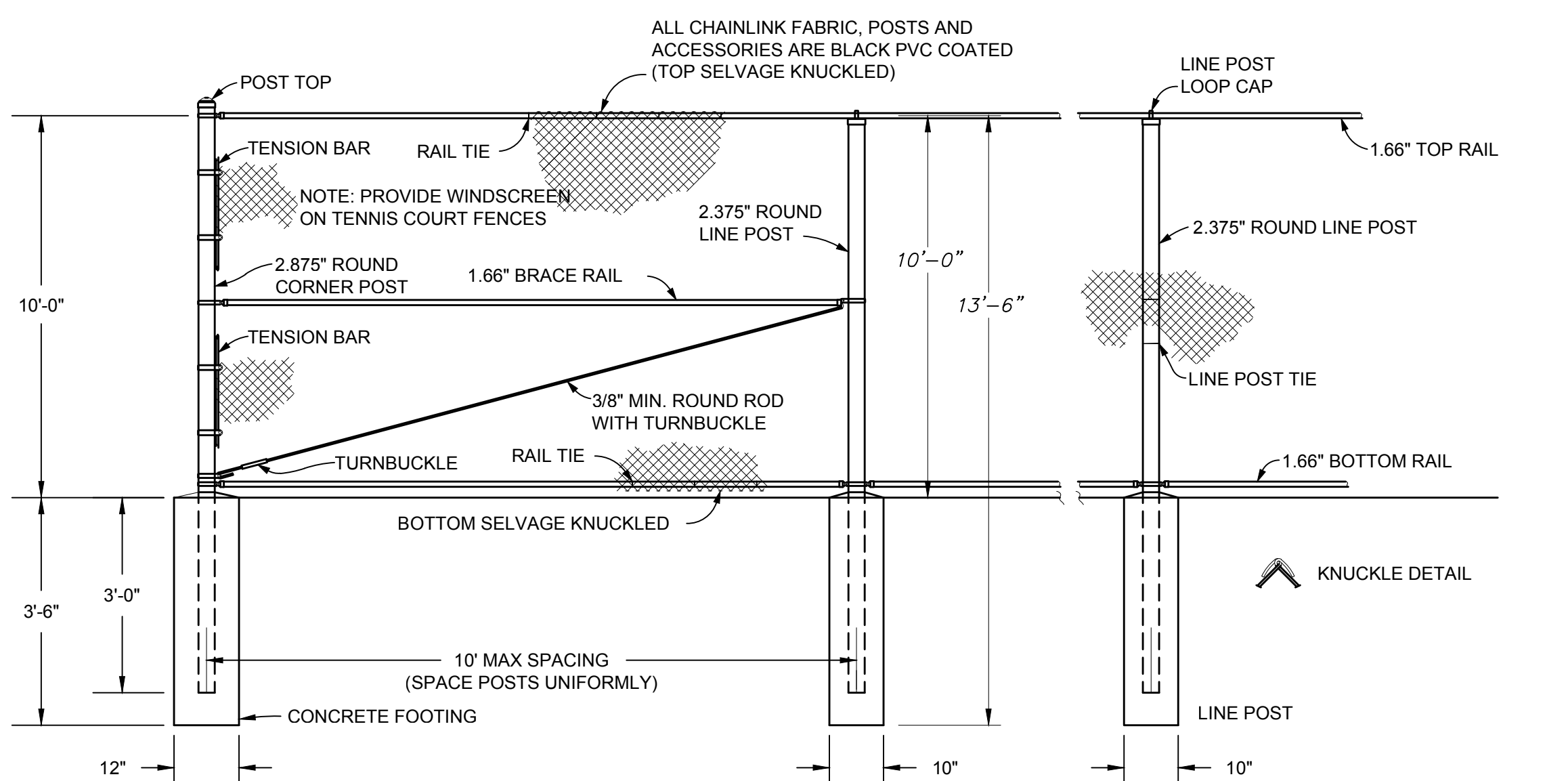
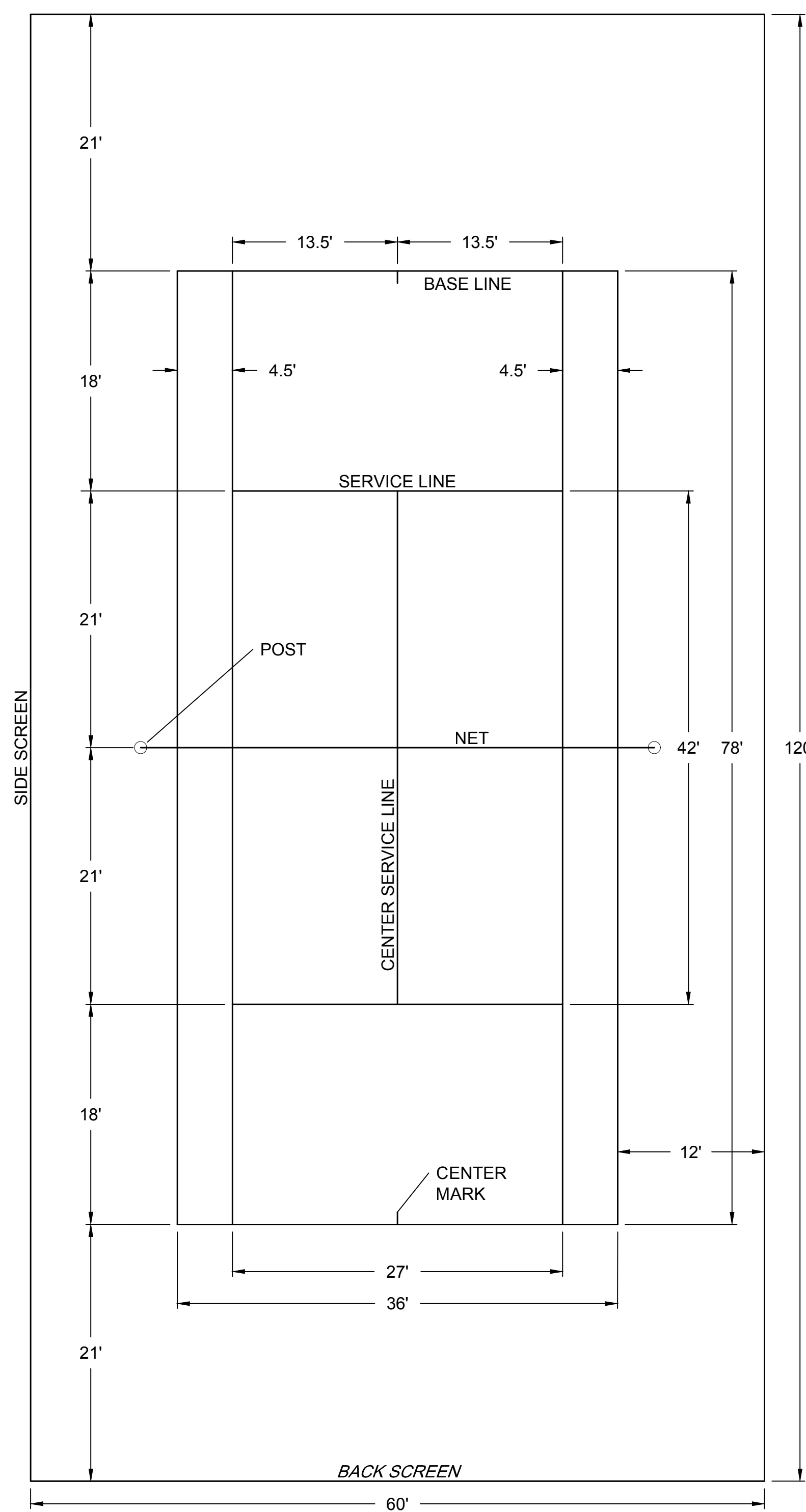
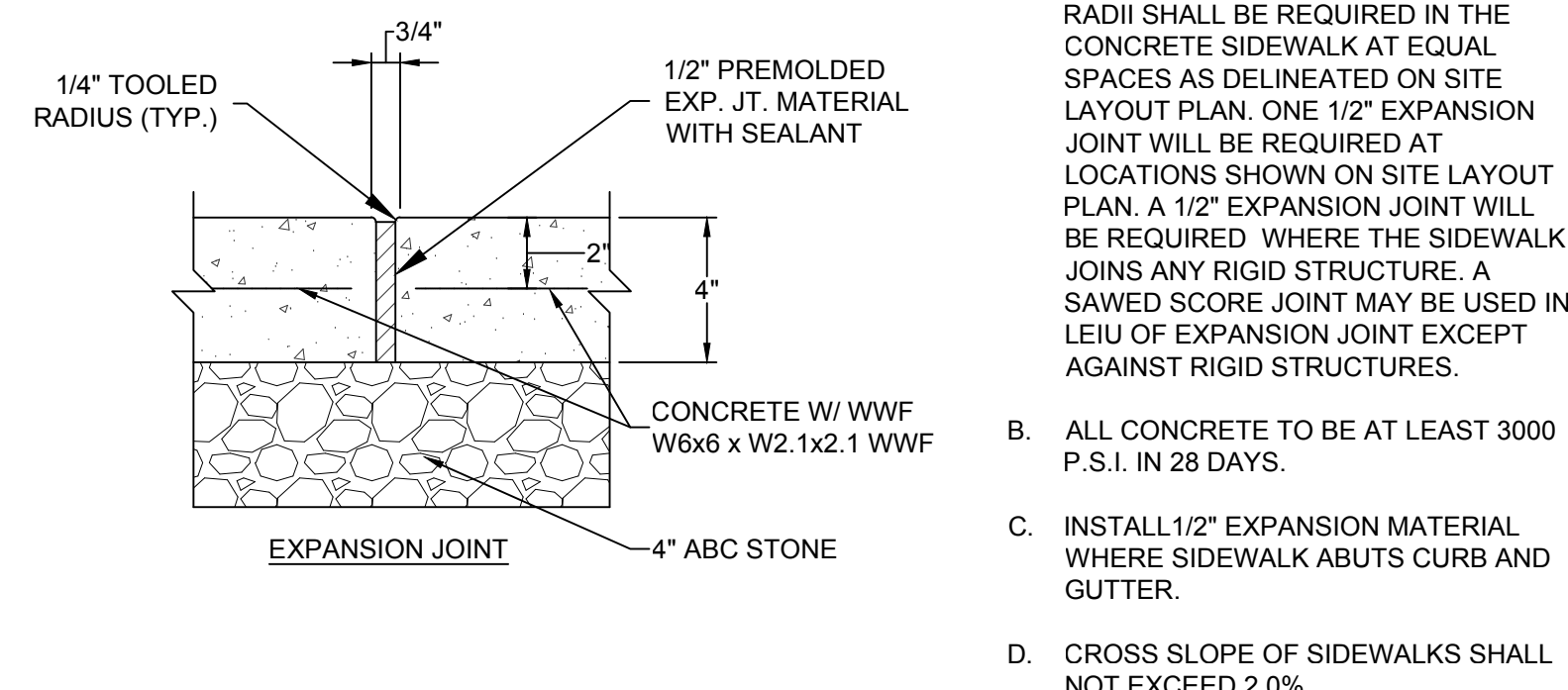
UNDERDRAIN DETAIL
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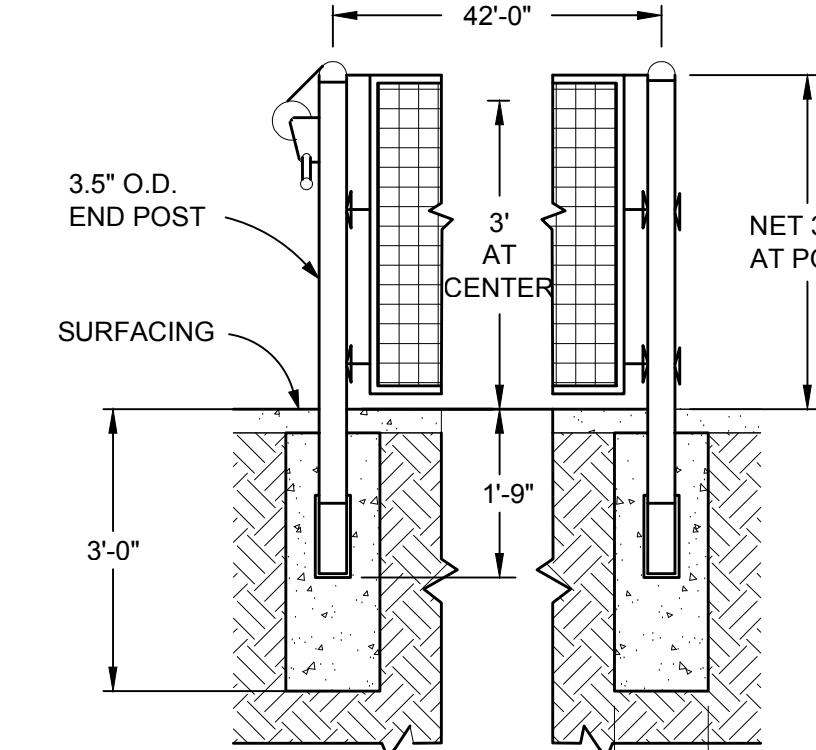
TRACK SECTION AND STRIPING DETAIL
NO SCALE



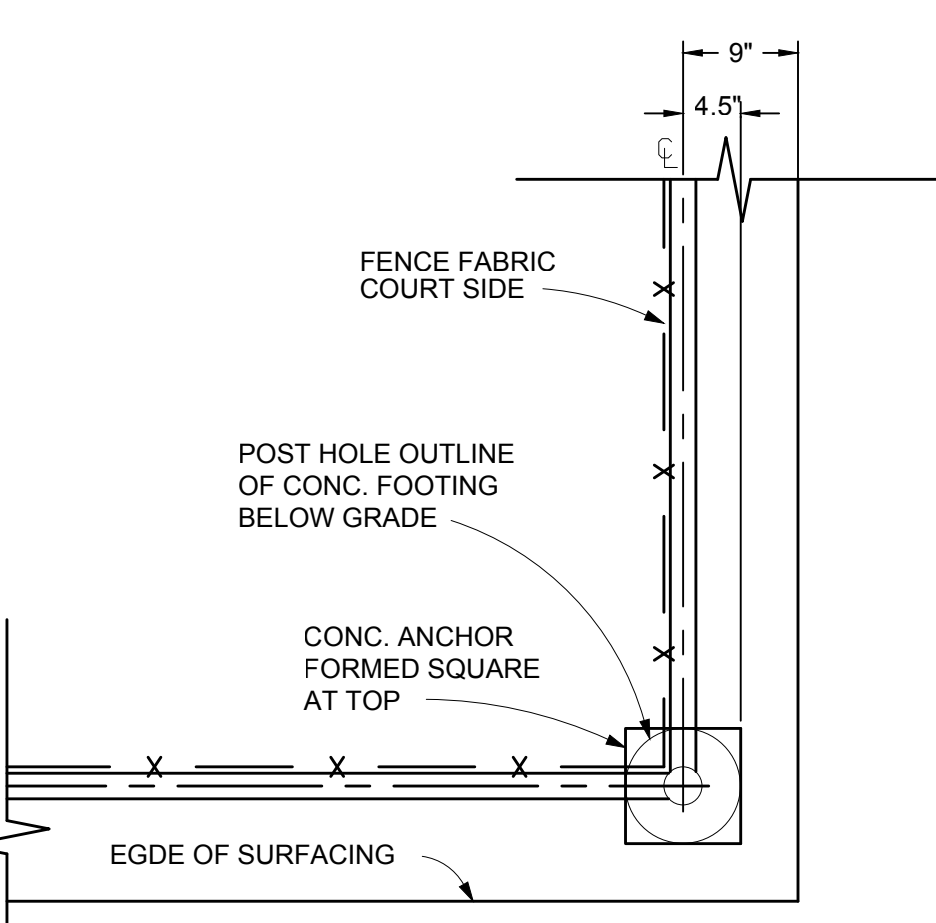
CONCRETE SIDEWALK
NO SCALE



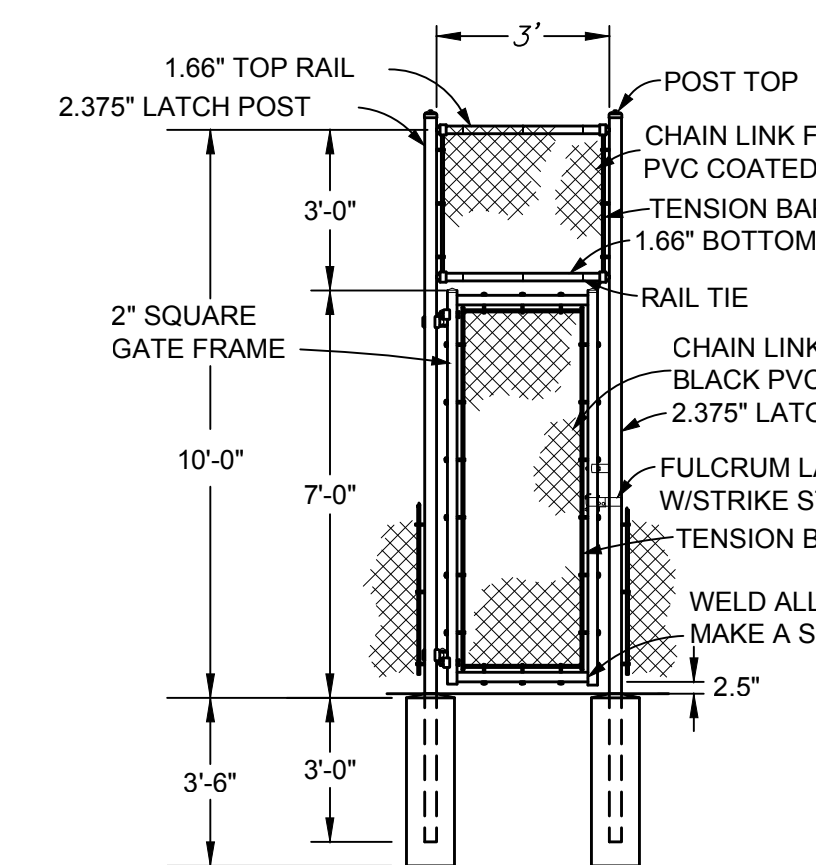
TENNIS COURT FENCE DETAIL
NO SCALE



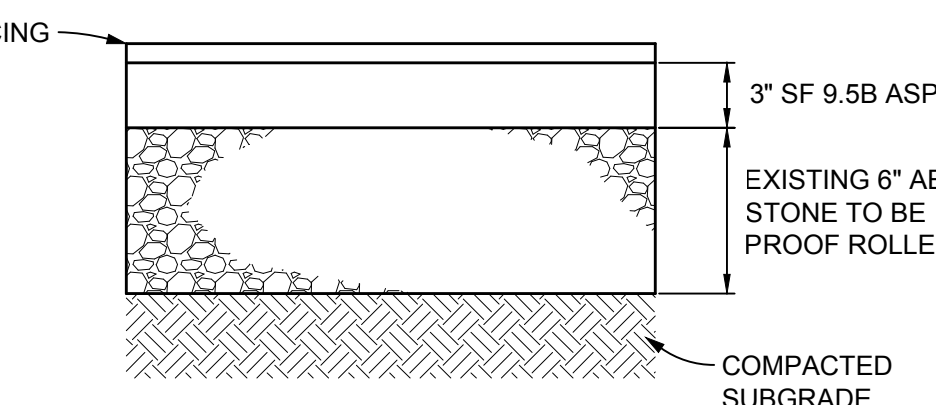
TENNIS COURT POST
NO SCALE



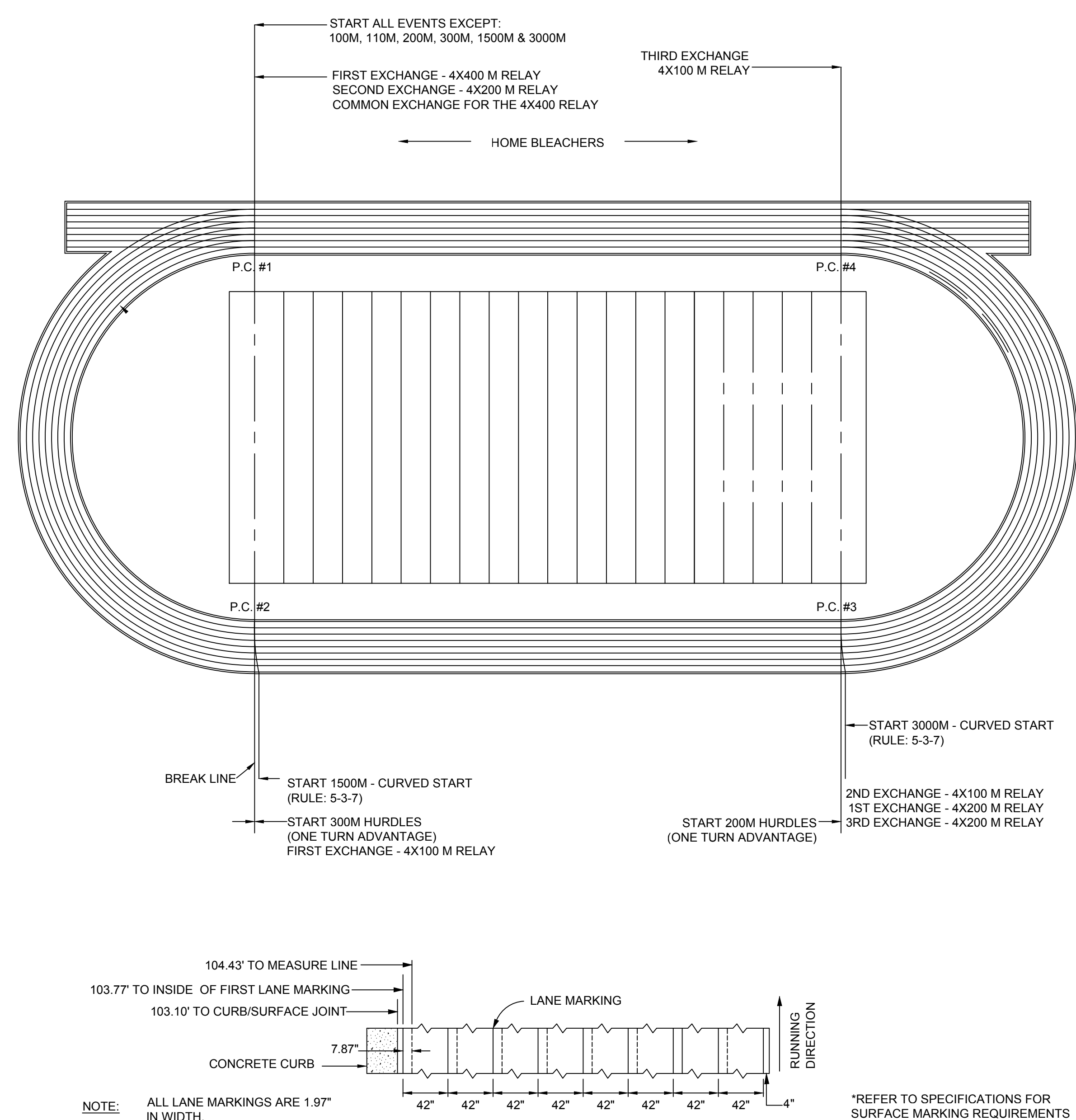
TENNIS COURT CORNER POST/EDGE DETAIL
NO SCALE



TENNIS COURT GATE DETAIL
NO SCALE



TENNIS COURT SECTION (BID ALTERNATE #1)
NO SCALE



400 METER TRACK MARKING LAYOUT
NO SCALE

BOYS COMPETITION	13.716 M	13.716 M	13.716 M	13.716 M (45 FT.)	9.144 M (30 FT.)	13.988 M (45.88 FT.)
GIRLS COMPETITION	13.716 M	13.716 M	13.716 M	13.716 M (45 FT.)	8.5 M (27.90 FT.)	10.5 M (34.48 FT.)

TRACK MARKING REQUIREMENTS:

- APPLICATION OF MARKINGS SHALL BE PERFORMED BY AN EXPERIENCED TRACK PAINTER WITH SUITABLE EQUIPMENT AND KNOWLEDGE OF THE RELATIVE POSITIONS OF THE DESIGNATED POINTS TO THE PAINTED MARKINGS.
- ALL 400 METER LANE LINES, START AND FINISH LINES, AND EVENT MARKING SHALL BE ACCURATELY POSITIONED AND MARKED IN ACCORDANCE WITH THE CURRENT SPECIFICATIONS OF THE NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS (NFHS).
- A DRAWING SHOWING THE PROPOSED MARKING LAYOUT SHALL BE SUBMITTED BY THE CONTRACTOR FOR APPROVAL PRIOR TO APPLICATION OF ANY LINES ON THE TRACK SURFACE.
- MARKING PAINT SHALL BE AS APPROVED BY THE MANUFACTURER FOR APPLICATION ON THE SURFACE COURSE FINISH MATERIAL. PAINTING SHALL BE PERFORMED BY SKILLED PERSONS IN A WORKMANLIKE MANNER IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTION.
- UPON COMPLETION OF THE MARKING THE CONTRACTOR SHALL FURNISH THE OWNER WITH FIVE COPIES OF A DRAWING SHOWING ALL LINES AND MARKING THAT HAVE BEEN APPLIED. THE DRAWING SHALL CONTAIN A STATEMENT SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR, CERTIFYING THAT MONUMENTATION AND THE LINES AS THUS MARKED ARE IN ACCORDANCE WITH THE RULES OF NFHS.
- REFER TO SPECIFICATION SECTION 325000 FOR ADDITIONAL SURFACING AND MARKING REQUIREMENTS.

TRACK DETAIL
NO SCALE

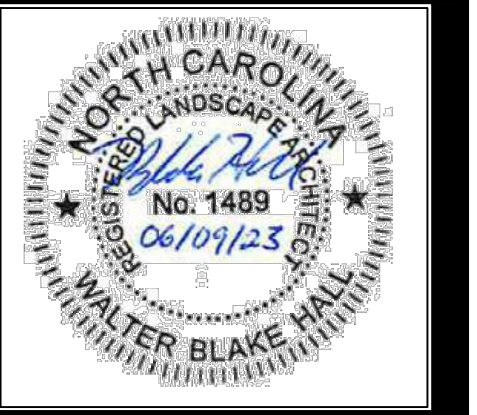


LEGEND

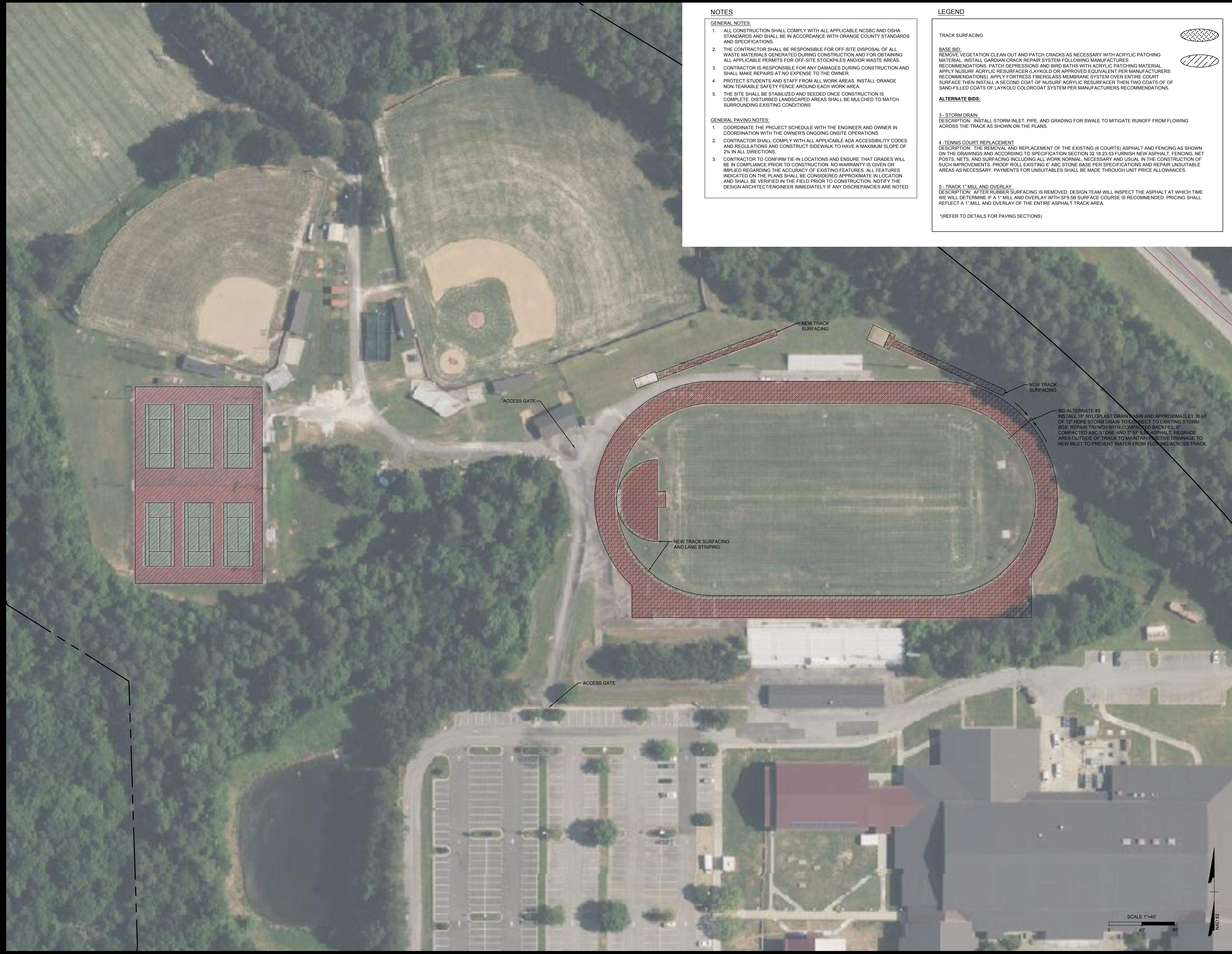
REMOVE

DEMOLITION NOTES

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- SUBSURFACE FEATURES ARE SHOWN IN APPROXIMATE LOCATION. CONTRACTOR IS RESPONSIBLE FOR SUBSURFACE UTILITY EXPLORATION TO DETERMINE UTILITY LOCATIONS AND DEPTHS.
- VERIFY LOCATIONS AND SIZES OF ALL EXISTING FEATURES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- LOCATE EXISTING UTILITIES PRIOR TO CONSTRUCTION, AND SHALL REPAIR OR REPLACE ANY DAMAGES TO EXISTING UTILITIES RESULTING FROM CONSTRUCTION.



PROJECT NO. - 44222.002	
DATE: JUNE 09, 2023	
REVISIONS	
DATE	DESCRIPTION



NOTES

GENERAL NOTES:

1. ALL CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE NCSBC AND OSHA STANDARDS AND SHALL BE IN ACCORDANCE WITH ORANGE COUNTY STANDARDS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OFF-SITE DISPOSAL OF ALL WASTE MATERIALS GENERATED DURING CONSTRUCTION AND FOR OBTAINING ALL APPLICABLE PERMITS FOR OFF-SITE STOCKPILES AND/OR WASTE AREAS.
3. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES DURING CONSTRUCTION AND SHALL MAKE REPAIRS AT NO EXPENSE TO THE OWNER.
4. PROTECT STUDENTS AND STAFF FROM ALL WORK AREAS. INSTALL ORANGE NON-TEARABLE SAFETY FENCE AROUND EACH WORK AREA.
5. THE SITE SHALL BE STABILIZED AND SEEDED ONCE CONSTRUCTION IS COMPLETE. DISTURBED LANDSCAPED AREAS SHALL BE MULCHED TO MATCH SURROUNDING EXISTING CONDITIONS

GENERAL PAVING NOTES:

1. COORDINATE THE PROJECT SCHEDULE WITH THE ENGINEER AND OWNER IN COORDINATION WITH THE OWNER'S ONGOING ONSITE OPERATIONS.
2. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE ADA ACCESSIBILITY CODES AND REGULATIONS AND CONSTRUCT SIDEWALK TO HAVE A MAXIMUM SLOPE OF 2% IN ALL DIRECTIONS.
3. CONTRACTOR TO CONFIRM TIE-IN LOCATIONS AND ENSURE THAT GRADES WILL BE IN COMPLIANCE PRIOR TO CONSTRUCTION. NO WARRANTY IS GIVEN OR IMPLIED REGARDING THE ACCURACY OF EXISTING FEATURES. ALL FEATURES INDICATED ON THE PLANS SHALL BE CONSIDERED APPROXIMATE IN LOCATION AND SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. NOTIFY THE DESIGN ARCHITECT/ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE NOTED.

LEGEND

TRACK SURFACING



BASE BID:

REMOVE VEGETATION CLEAN OUT AND PATCH CRACKS AS NECESSARY WITH ACRYLIC PATCHING MATERIAL. INSTALL GARDIAN CRACK REPAIR SYSTEM FOLLOWING MANUFACTURERS RECOMMENDATIONS. PATCH DEPRESSIONS AND BIRD BATHS WITH ACRYLIC PATCHING MATERIAL. APPLY NUSURF ACRYLIC RESURFACER (LAYKOLD OR APPROVED EQUIVALENT PER MANUFACTURERS RECOMMENDATIONS). APPLY FORTRESS FIBERGLASS MEMBRANE SYSTEM OVER ENTIRE COURT SURFACE THEN INSTALL A SECOND COAT OF NUSURF ACRYLIC RESURFACER THEN TWO COATS OF OF SAND-FILLED COATS OF LAYKOLD COLORCOAT SYSTEM PER MANUFACTURERS RECOMMENDATIONS.

ALTERNATE BIDS:

3- STORM DRAIN

DESCRIPTION: INSTALL STORM INLET, PIPE, AND GRADING FOR SWALE TO MITIGATE RUNOFF FROM FLOWING ACROSS THE TRACK AS SHOWN ON THE PLANS.

4- TENNIS COURT REPLACEMENT

DESCRIPTION: THE REMOVAL AND REPLACEMENT OF THE EXISTING (6 COURTS) ASPHALT AND FENCING AS SHOWN ON THE DRAWINGS AND ACCORDING TO SPECIFICATION SECTION 32 18 23.53 FURNISH NEW ASPHALT, FENCING, NET POSTS, NETS, AND SURFACING INCLUDING ALL WORK NORMAL, NECESSARY AND USUAL IN THE CONSTRUCTION OF SUCH IMPROVEMENTS. PROOF ROLL EXISTING 6" ABC STONE BASE PER SPECIFICATIONS AND REPAIR UNSUITABLE AREAS AS NECESSARY. PAYMENTS FOR UNSUITABLES SHALL BE MADE THROUGH UNIT PRICE ALLOWANCES.

5- TRACK 1" MILL AND OVERLAY

DESCRIPTION: AFTER RUBBER SURFACING IS REMOVED, DESIGN TEAM WILL INSPECT THE ASPHALT AT WHICH TIME WE WILL DETERMINE IF A 1" MILL AND OVERLAY WITH SF9.5B SURFACE COURSE IS RECOMMENDED. PRICING SHALL REFLECT A 1" MILL AND OVERLAY OF THE ENTIRE ASPHALT TRACK AREA.

*(REFER TO DETAILS FOR PAVING SECTIONS)

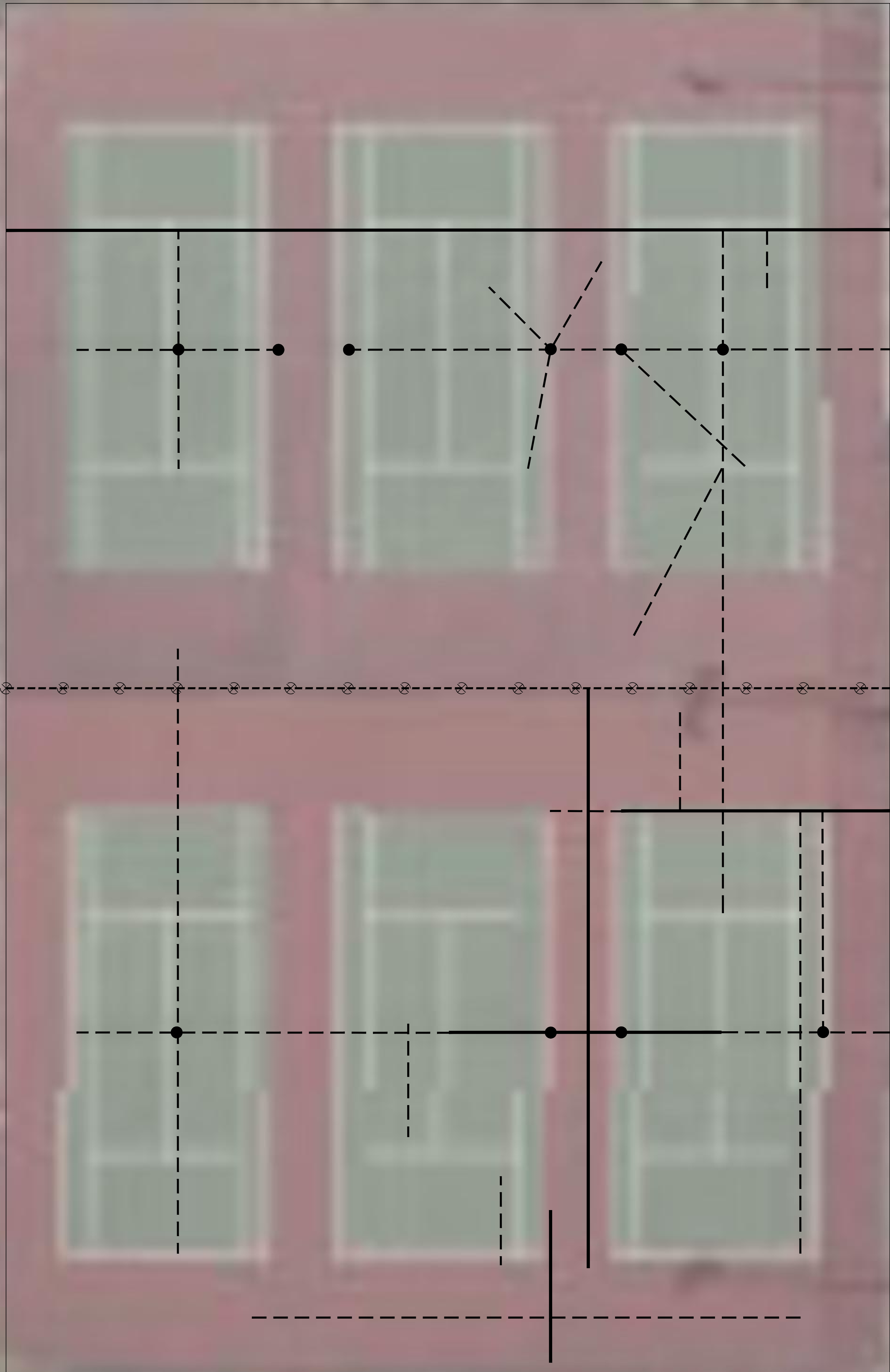


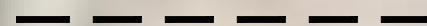



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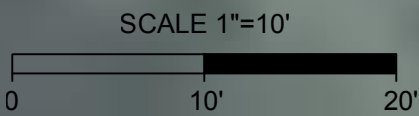
REVISIONS

DATE DESCRIPTION



- LEGEND**
- 1. MINOR CRACK
($\frac{1}{2}$ " - $\frac{3}{4}$ " WIDE) 
 - 2. MAJOR CRACK
(1" AND WIDER) 
 - 3. MINOR CRACK ALONG
FENCE FOOTING 
 - 4. MINOR CRACK ALONG
NET POST FOOTING 

NOTE:
LOCATION AND QUANTITIES OF CRACKS AND REPAIR AREAS ARE SHOWN AS APPROXIMATE.
CONTRACTOR SHALL VERIFY PRIOR TO BIDDING AND IS RESPONSIBLE FOR FULL SURFACE
REPAIR PER MANUFACTURERS SPECIFICATIONS.

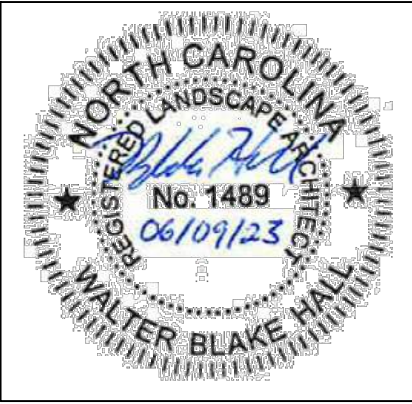


PROJECT NO. 44222.002	
DATE: JUNE 09, 2023	
REVISIONS	
DATE	DESCRIPTION

CRHS TENNIS COURTS
ENLARGEMENT PLAN

ORANGE COUNTY SCHOOLS - ATHLETIC IMPROVEMENTS

500 ORANGE HIGH SCHOOL RD, HILLSBOROUGH, NC 27278
1125 NEW GRADY BROWN SCOOOL RD, HILLSBOROUGH, NC 27278





MAJOR CRACKS



MINOR CRACKS



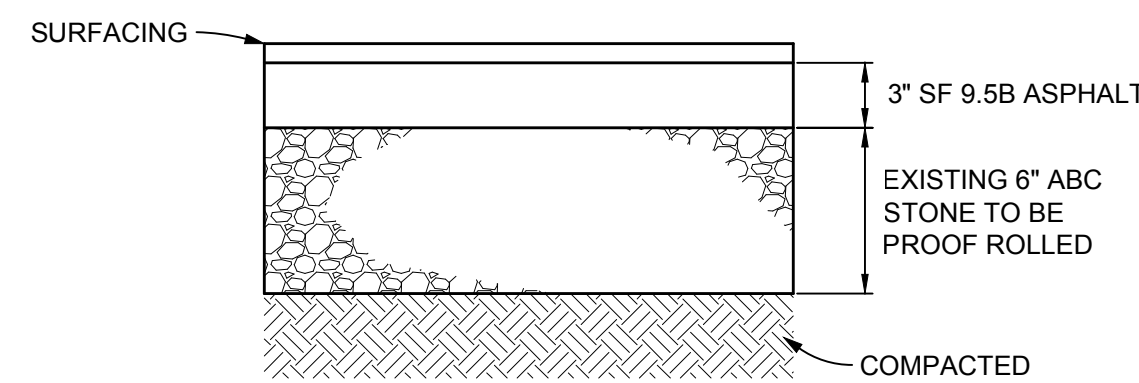
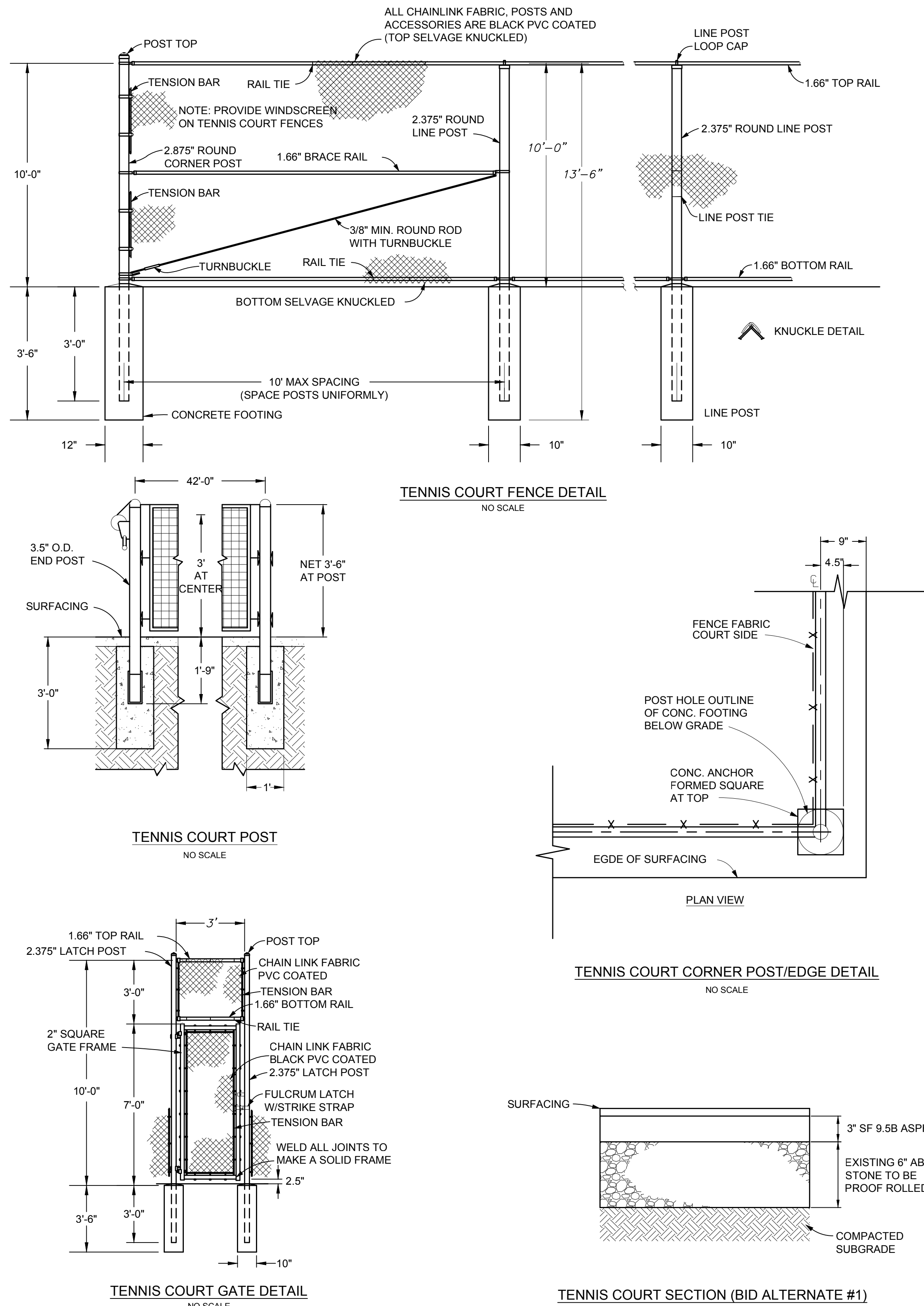
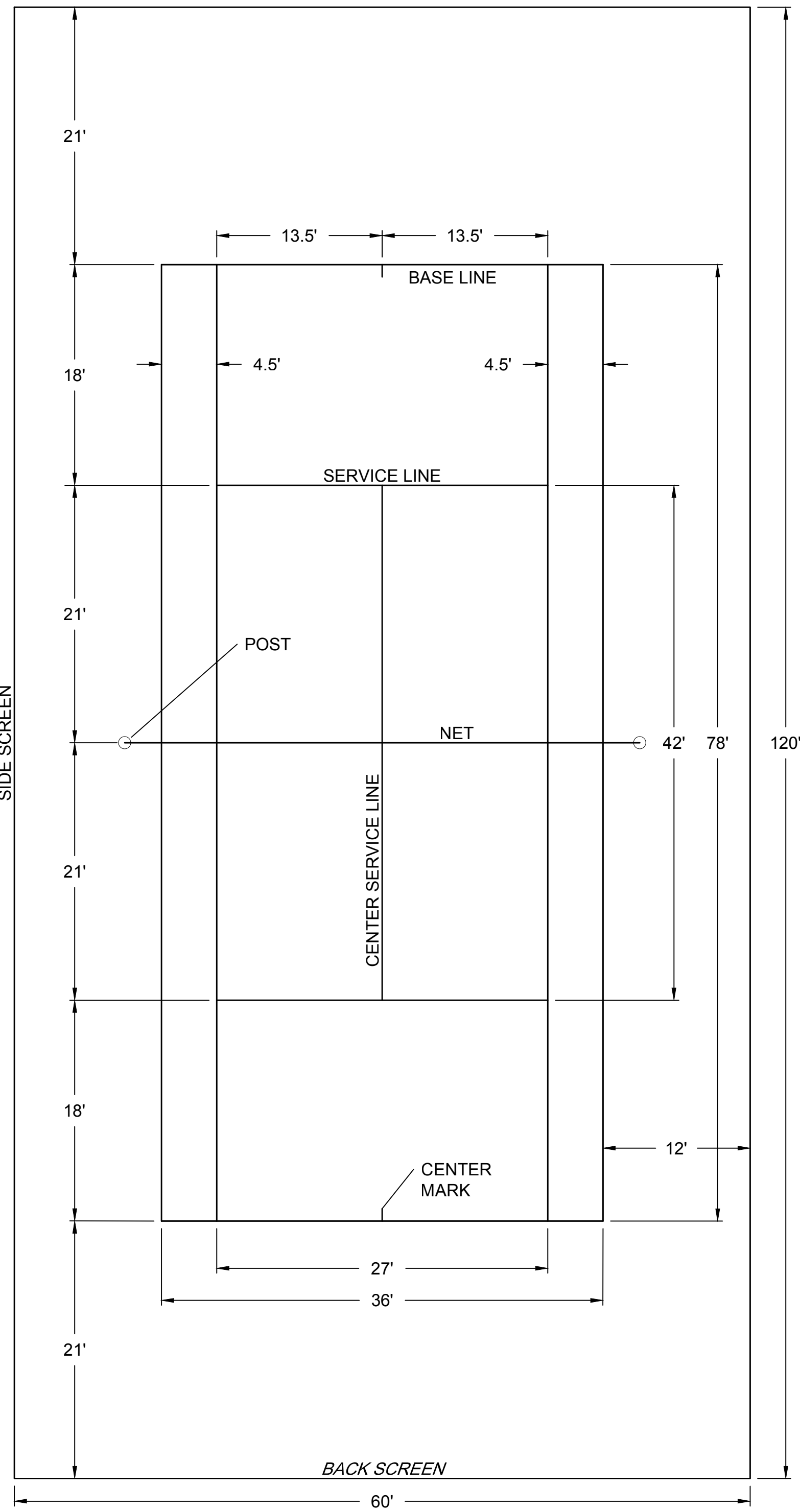
MINOR CRACKS ALONG NET ANCHOR STRAP



MINOR CRACKS ALONG NET POST FOOTING

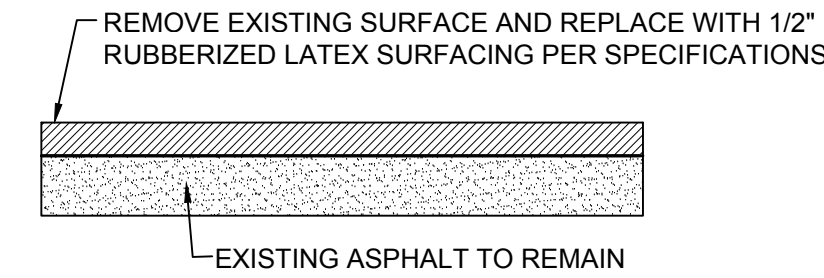


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REVISIONS	
DATE	DESCRIPTION

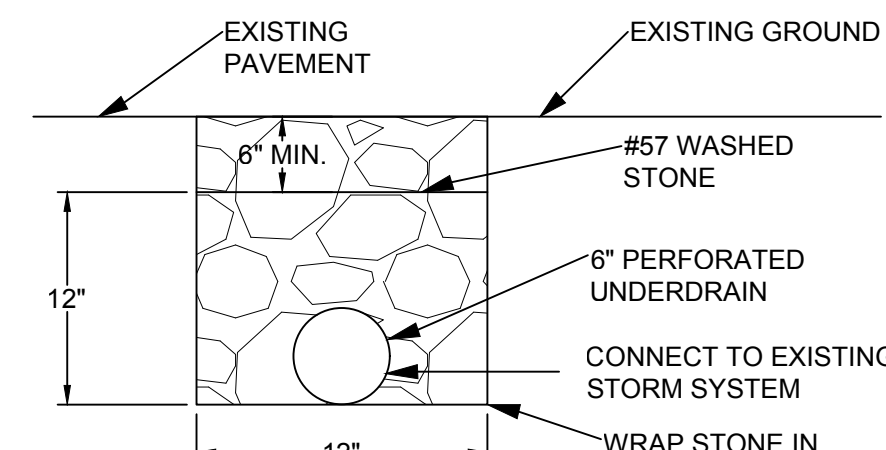


TENNIS COURT DETAIL
NO SCALE

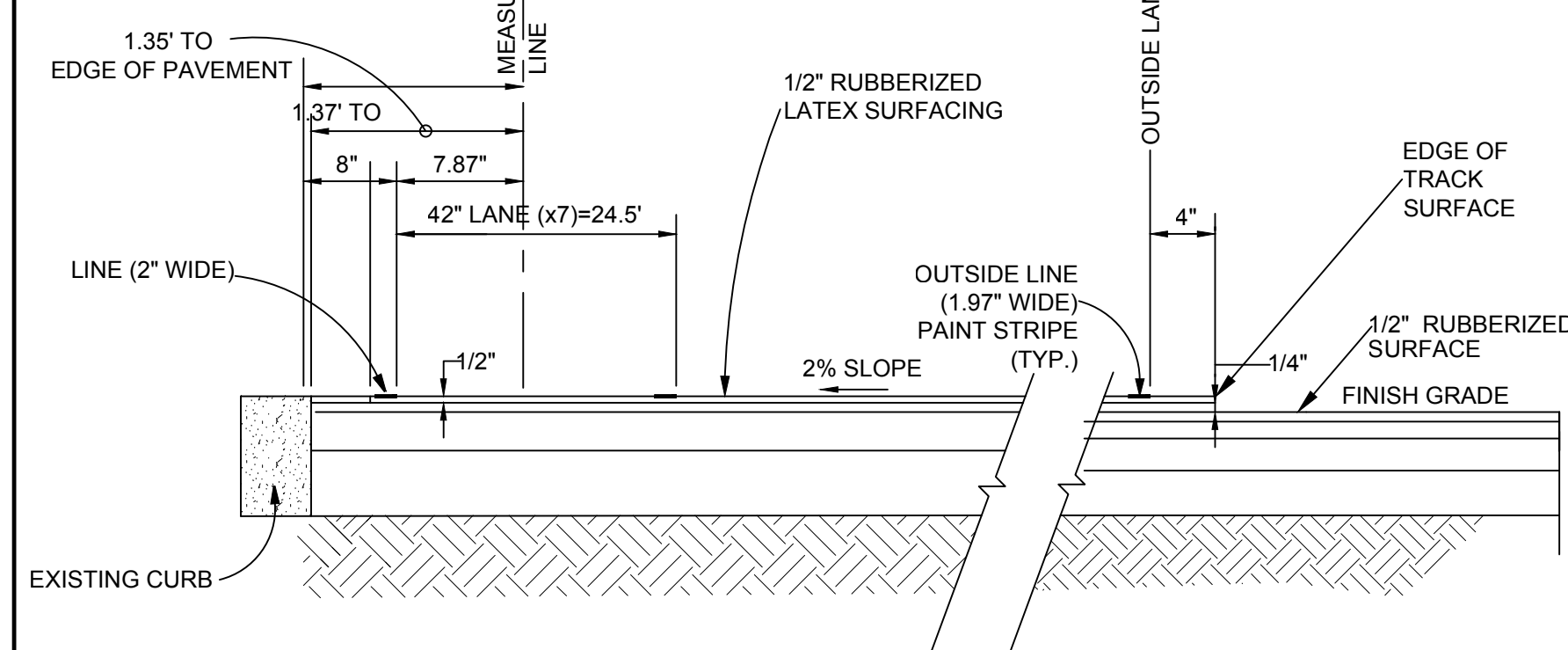
TENNIS COURT SECTION (BID ALTERNATE #1)
NO SCALE



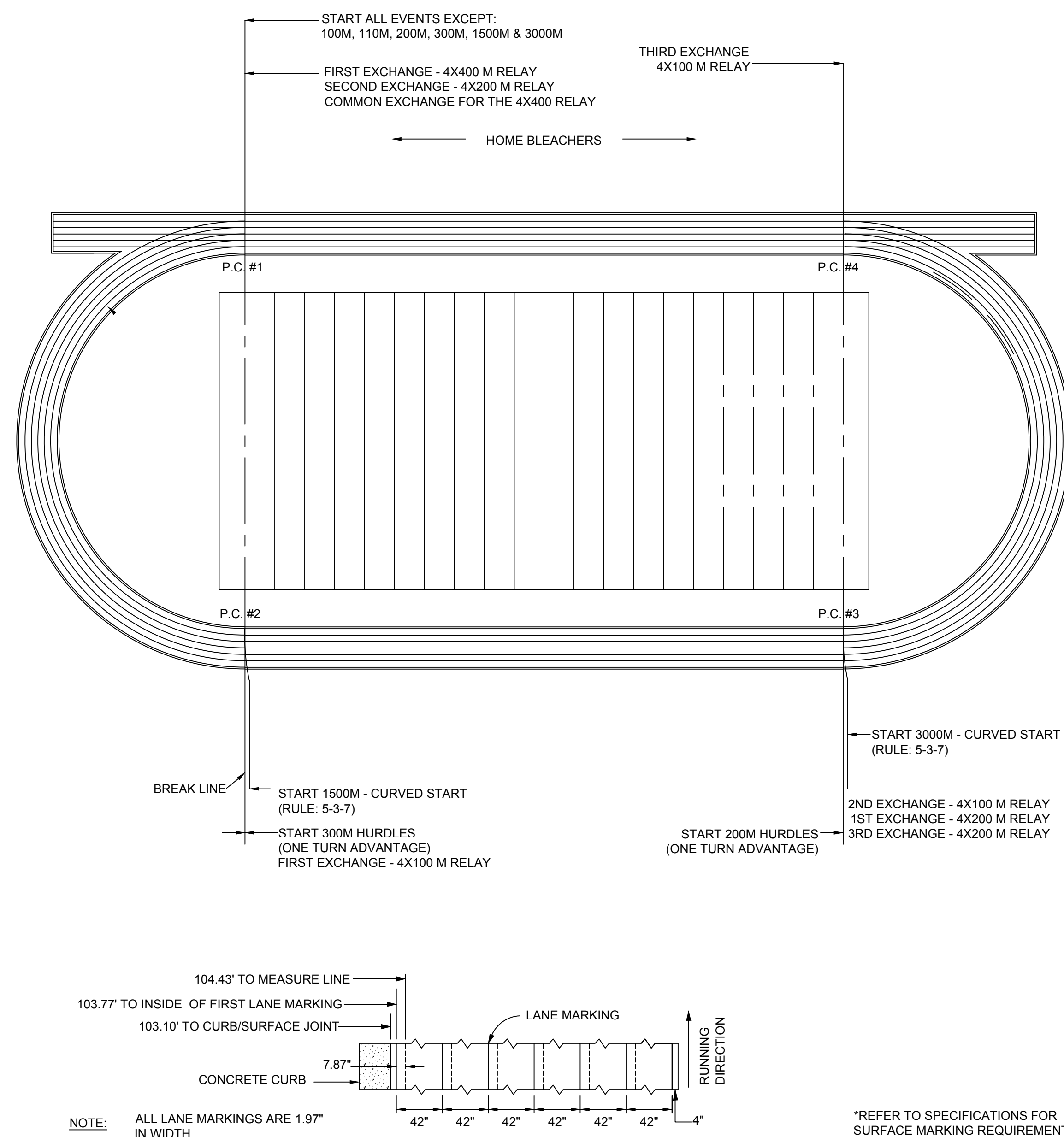
TRACK SURFACING SECTION
NO SCALE



UNDERDRAIN DETAIL
NO SCALE



TRACK SECTION AND STRIPING DETAIL
NO SCALE



NOTE: ALL LANE MARKINGS ARE 1.97' IN WIDTH.

*REFER TO SPECIFICATIONS FOR SURFACE MARKING REQUIREMENTS

	400 METER TRACK MARKING LAYOUT NO SCALE					
	BOYS COMPETITION	13.716 M	13.716 M	13.716 M	13.716 M (45 FT.) 45 M (147.62 FT.)	9.144 M (30 FT.) 35 M (114.83 FT.)
GIRLS COMPETITION		13.716 M	13.716 M	13.716 M	13 M (42.67 FT.) 45 M (147.62 FT.)	8.5 M (27.90 FT.) 35 M (114.83 FT.)
						10.5 M (34.46 FT.) 10 M (32.81 FT.)

TRACK MARKING REQUIREMENTS:

- APPLICATION OF MARKINGS SHALL BE PERFORMED BY AN EXPERIENCED TRACK PAINTER WITH SUITABLE EQUIPMENT AND KNOWLEDGE OF THE RELATIVE POSITIONS OF THE DESIGNATED POINTS TO THE PAINTED MARKINGS.
- ALL 400 METER LANE LINES, START AND FINISH LINES, AND EVENT MARKING SHALL BE ACCURATELY POSITIONED AND MARKED IN ACCORDANCE WITH THE CURRENT SPECIFICATIONS OF THE NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS (NFHSA), 816-454-5400.
- A DRAWING SHOWING THE PROPOSED MARKING LAYOUT SHALL BE SUBMITTED BY THE CONTRACTOR FOR APPROVAL PRIOR TO APPLICATION OF ANY LINES ON THE TRACK SURFACE.
- MARKING PAINT SHALL BE AS APPROVED BY THE MANUFACTURER FOR APPLICATION ON THE SURFACE COURSE FINISH MATERIAL. PAINTING SHALL BE PERFORMED BY SKILLED PERSONS IN A WORKMANLIKE MANNER IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTION.
- UPON COMPLETION OF THE MARKING THE CONTRACTOR SHALL FURNISH THE OWNER WITH FIVE COPIES OF A DRAWING SHOWING ALL LINES AND MARKING THAT HAVE BEEN APPLIED. THE DRAWING SHALL CONTAIN A STATEMENT SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR, CERTIFYING THAT MONUMENTATION AND THE LINES AS THUS MARKED ARE IN ACCORDANCE WITH THE RULES OF NFHSA. NO MINUS TOLERANCE IS ALLOWED FOR THE LENGTH OF ANY EVENT.
- REFER TO SPECIFICATION SECTION 325000 FOR ADDITIONAL SURFACING AND MARKING REQUIREMENTS.

TRACK DETAIL
NO SCALE