

GENERAL NOTES

- LOCATIONS OF ANY UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES AND REPAIRING ANY DAMAGE DONE DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ON-SITE COORDINATION WITH UTILITY COMPANIES AND PUBLIC AGENCIES AND FOR OBTAINING ALL REQUIRED PERMITS AND PAYING ALL REQUIRED FEES. IN ACCORDANCE WITH M.G.L. CHAPTER 82, SECTION 40, INCLUDING AMENDMENTS, CONTRACTORS SHALL NOTIFY ALL UTILITY COMPANIES AND GOVERNMENT AGENCIES IN WRITING PRIOR TO EXCAVATION. CONTRACTOR SHALL ALSO CALL "DIG SAFE" AT (888) 344-7233 NO LESS THAN 72 HOURS, (EXCLUSIVE OF WEEKENDS AND HOLIDAYS), PRIOR TO SUCH EXCAVATION. DOCUMENTATION OF REQUESTS SHALL BE PROVIDED TO PROJECT REPRESENTATIVE PRIOR TO EXCAVATION WORK.
- CONSULT ALL OF THE DRAWINGS AND SPECIFICATIONS AND COORDINATE REQUIREMENTS BEFORE COMMENCING CONSTRUCTION. CONTRACTOR AND SUB-CONTRACTOR SHALL BE FAMILIAR WITH ALL DRAWINGS PRIOR TO COMMENCING THE CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL DRAWINGS AND SPECIFICATIONS TO DETERMINE THE EXTENT OF EXCAVATION AND DEMOLITION REQUIRED TO COMPLETE SITE IMPROVEMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITES AND REVIEWING THE ABOVE NOTED DRAWINGS AND THE CONTRACTOR SHALL ASSUME RESPONSIBILITY OF VERIFYING ALL EXISTING CONDITIONS AND MATERIALS SHOWN WITHIN THE PROJECT CONTRACT LIMITS BEFORE BIDDING.
- ANY DISCREPANCIES OR CONFLICTS BETWEEN THE DRAWINGS AND EXISTING CONDITIONS, EXISTING CONDITIONS TO REMAIN, TEMPORARY CONSTRUCTION, PERMANENT CONSTRUCTION AND WORK OF ADJACENT CONTRACTS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER BEFORE PROCEEDING. ITEMS ENCOUNTERED IN AREAS OF EXCAVATION THAT ARE NOT INDICATED ON THE DRAWINGS, BUT ARE VISIBLE AT THE SURFACE, SHALL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE REMOVED AT NO ADDITIONAL COST TO THE OWNER.
- ANY ALTERATIONS TO THESE DRAWINGS MADE IN THE FIELD DURING CONSTRUCTION SHALL BE RECORDED BY THE GENERAL CONTRACTOR ON "AS-BUILT" DRAWINGS.
- ALL AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS OUTSIDE THE PROJECT LIMITS SHALL BE RESTORED TO THE ORIGINAL CONDITION BY THE CONTRACTOR AT NO ADDITIONAL COST AND TO THE SATISFACTION OF THE OWNER.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT HER EMPLOYEES, AS WELL AS PUBLIC USERS FROM INJURY DURING THE ENTIRE CONSTRUCTION PERIOD USING ALL NECESSARY SAFEGUARDS, INCLUDING BUT NOT LIMITED TO, THE ERECTION OF TEMPORARY WALKS, STRUCTURES, PROTECTIVE BARRIERS, COVERING, OR FENCES AS NEEDED.
- THE CONTRACTOR SHALL SUPPLY THE OWNER WITH THE NAME OF THE OSHA "COMPETENT PERSON" PRIOR TO CONSTRUCTION.
- FILLING OF EXCAVATED AREAS SHALL NOT TAKE PLACE WITHOUT THE PRESENCE OR PERMISSION OF THE OWNER.
- EXISTING TREES TO REMAIN SHALL BE PROTECTED FROM CONSTRUCTION ACTIVITIES. NO STOCKPILING OF MATERIAL, EQUIPMENT OR VEHICULAR TRAFFIC SHALL BE ALLOWED WITHIN THE DRIP LINE OF TREES TO REMAIN. NO GUYS SHALL BE ATTACHED TO ANY TREE TO REMAIN. WHEN NECESSARY OR AS DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL ERECT TEMPORARY BARRIERS FOR THE PROTECTION OF EXISTING TREES DURING CONSTRUCTION.
- NO FILLING SHALL OCCUR AROUND EXISTING TREES TO REMAIN WITHOUT THE APPROVAL OF THE OWNER OR OWNER REPRESENTATIVE.
- ANY QUANTITIES SHOWN ON PLANS ARE FOR COMPARATIVE BIDDING PURPOSES ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE PROJECT SITE TO VERIFY ALL QUANTITIES AND CONDITIONS PRIOR TO SUBMITTING BID.
- THE LAYOUT OF ALL NEW WALKWAYS AND THE GRADING OF ALL SLOPES AND CROSS SLOPES SHALL CONFORM TO THE COMMONWEALTH OF MASSACHUSETTS RULES AND REGULATIONS FOR HANDICAP ACCESS CMR 521, AND THE AMERICANS WITH DISABILITIES ACT (ADA), TITLE 3. THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN ACTUAL CONDITIONS AND THOSE REQUIRED.
- ALL EXISTING DRAINAGE FACILITIES TO REMAIN SHALL BE MAINTAINED FREE OF DEBRIS, SOIL, SEDIMENT, AND FOREIGN MATERIAL AND OPERATIONAL THROUGHOUT THE LIFE OF THE CONTRACT. REMOVE ALL SOIL, SEDIMENT, DEBRIS AND FOREIGN MATERIAL FROM ALL DRAINAGE STRUCTURES, INCLUDING BUT NOT LIMITED TO, DRAINAGE INLETS, MANHOLES AND CATCH BASINS WITHIN THE LIMIT OF WORK AND DRAINAGE STRUCTURES OUTSIDE THE LIMIT OF WORK THAT ARE IMPACTED BY THE WORK FOR THE ENTIRE DURATION OF CONSTRUCTION.
- CONTRACTOR'S STAGING AND STORAGE AREAS MUST BE WITHIN THE CONTRACT LIMIT LINE. ANY OTHER AREAS THAT THE CONTRACTOR MAY WISH TO USE FOR STAGING MUST BE COORDINATED WITH THE OWNER.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH THE CITY OF CAMBRIDGE PUBLIC WORKS DEPARTMENT.

EROSION AND SEDIMENT CONTROL NOTES

- ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE PUT INTO PLACE PRIOR TO BEGINNING ANY CONSTRUCTION OR DEMOLITION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTINUAL MAINTENANCE OF ALL EROSION CONTROL DEVICES THROUGHOUT THE DURATION OF THE PROJECT.
- CONTRACTOR SHALL MEET ALL OF THE STATE OF MASSACHUSETTS D.E.P. AND THE CITY OF CAMBRIDGE'S WETLAND ORDINANCE REGULATIONS FOR SEDIMENT AND EROSION CONTROL.
- EXCAVATED MATERIAL STOCKPILED ON THE SITE SHALL BE SURROUNDED BY A RING OF UNBROKEN SEDIMENT AND EROSION CONTROL FENCE. THE LIMITS OF ALL GRADING AND DISTURBANCE SHALL BE KEPT TO A MINIMUM WITHIN THE APPROVED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE OF THE LIMIT OF CONTRACT SHALL REMAIN TOTALLY UNDISTURBED UNLESS OTHERWISE APPROVED BY OWNER'S REPRESENTATIVE.
- ALL CATCH BASINS AND DRAIN GRATES WITHIN LIMIT OF CONTRACT SHALL BE PROTECTED WITH FILTER FABRIC DURING THE ENTIRE DURATION OF CONSTRUCTION.
- EROSION CONTROL BARRIERS TO BE INSTALLED AT THE TOE OF SLOPES. SEE GRADING & DRAINAGE PLANS, NOTES, DETAILS AND SPECIFICATIONS.
- ANY AREA OUTSIDE THE PROJECT LIMIT THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL PROVIDE DUST CONTROL FOR CONSTRUCTION OPERATIONS AS APPROVED BY OWNER.
- ALL POINTS OF CONSTRUCTION EGRESS OR INGRESS SHALL BE MAINTAINED TO PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC/PRIVATE ROADS.

DEMOLITION & SITE PREPARATION NOTES

- THE CONTRACTOR SHALL INCLUDE IN THE BID THE COST OF REMOVING ANY EXISTING SITE IMPROVEMENTS NECESSARY TO ACCOMPLISH THE CONSTRUCTION OF THE PROPOSED SITE IMPROVEMENTS. THE CONTRACTOR SHALL ALSO INCLUDE IN THE BID THE COST NECESSARY TO RESTORE SUCH ITEMS IF THEY ARE SCHEDULED TO REMAIN AS PART OF THE FINAL SITE IMPROVEMENTS. REFER TO PLANS TO DETERMINE EXCAVATION AND DEMOLITION REQUIRED TO RECEIVE PROPOSED SITE IMPROVEMENTS AND TO DETERMINE THE LOCATION OF PROPOSED SITE IMPROVEMENTS.
- THE OWNER RESERVES THE RIGHT TO REVIEW ALL MATERIALS DESIGNATED FOR REMOVAL AND TO RETAIN OWNERSHIP OF SUCH MATERIALS. IF THE OWNER RETAINS ANY MATERIAL THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE OWNER TO HAVE THOSE MATERIALS REMOVED OFF SITE.
- UNLESS SPECIFICALLY NOTED TO BE SAVED OR REUSED, ALL SITE FEATURES CALLED FOR REMOVAL SHALL BE TRANSPORTED FROM THE SITE AND DISPOSED OF IN A LAWFUL MANNER AT AN ACCEPTABLE DISPOSAL SITE. ALL MATERIALS NOT APPROVED OR SCHEDULED FOR REUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER AT NO COST TO THE OWNER.
- ALL EXISTING SITE FEATURES TO REMAIN SHALL BE PROTECTED THROUGHOUT THE CONSTRUCTION PERIOD. ANY FEATURES DAMAGED DURING CONSTRUCTION OPERATIONS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST.
- DURING EARTHWORK OPERATIONS, CONTRACTOR SHALL TAKE CARE TO NOT DISTURB EXISTING MATERIALS TO REMAIN, OUTSIDE THE LIMITS OF EXCAVATION AND BACKFILL AND SHALL TAKE WHATEVER MEASURES NECESSARY, AT THE CONTRACTOR'S EXPENSE, TO PREVENT ANY EXCAVATED MATERIAL FROM COLLAPSING. ALL BACKFILL MATERIALS SHALL BE PLACED AND COMPACTED AS SPECIFIED TO THE SUBGRADE REQUIRED FOR THE INSTALLATION OF THE REMAINDER OF THE CONTRACT WORK.
- IT SHALL BE THE CONTRACTOR'S OPTION, WITH CONCURRENCE OF THE OWNER, TO REUSE EXISTING GRAVEL PAVEMENT BASE COURSE IF IT MEETS THE REQUIREMENTS OF THE SPECIFICATIONS.
- ALL ITEMS CALLED FOR REMOVAL SHALL BE REMOVED TO FULL DEPTH INCLUDING ALL FOOTINGS, FOUNDATIONS, AND OTHER APPURTENANCES, EXCEPT AS SPECIFICALLY NOTED OTHERWISE.
- "CLEAR AND GRUB VEGETATION" INDICATED ON PLAN SHALL INCLUDE REMOVAL OF SHRUBS AND UNDERBRUSH, REMOVAL OF ROOTS, ROUGH GRADING, INSTALLATION OF LOAM (IF APPLICABLE), FINE GRADING, SEEDING AND TURF ESTABLISHMENT BY THE CONTRACTOR.
- TREES DESIGNATED FOR REMOVAL SHALL BE TAGGED BY CONTRACTOR AND APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO THE START OF WORK.

LAYOUT AND MATERIALS NOTES

- REFER TO EXISTING CONDITIONS PLAN FOR SURVEY INFORMATION.
- COORDINATE ALL LAYOUT ACTIVITIES WITH THE SCOPE OF WORK CALLED FOR BY DEMOLITION, GRADING AND UTILITIES OPERATIONS ENCOMPASSED BY THIS CONTRACT. SET, PROTECT AND REPLACE REFERENCE STAKES AS NECESSARY OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
- ALL LINES AND GRADING WORK AS PER DRAWINGS AND SPECIFICATIONS SHALL BE LAID OUT BY A REGISTERED CIVIL ENGINEER OR LICENSED SURVEYOR ENGAGED BY THE GENERAL CONTRACTOR.
- ALL LAYOUT LINES, OFFSETS, OR REFERENCES TO LOCATING OBJECTS ARE EITHER PARALLEL OR PERPENDICULAR UNLESS OTHERWISE DESIGNATED WITH ANGLE OFFSETS NOTED.
- ALL PROPOSED SITE FEATURES SHALL BE LAID OUT AND STAKED FOR REVIEW AND APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF INSTALLATION. ANY REQUIRED ADJUSTMENTS TO THE LAYOUT SHALL BE UNDERTAKEN AS DIRECTED, AT NO ADDITIONAL COST TO THE OWNER.
- ALL PROPOSED PAVEMENTS SHALL MEET THE LINE AND GRADE OF EXISTING ADJACENT PAVEMENT SURFACES AND SHALL BE TREATED WITH AN RS-1 TACK COAT AT POINT OF CONNECTION. ALL PATHWAY WIDTHS SHALL BE AS NOTED ON THE LAYOUT AND MATERIALS PLAN.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GRADES ON THE GROUND AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD MEASUREMENT OF ALL PROPOSED FENCES AND GATES.
- THE DEPTH OF LOAM BORROW FOR ALL PROPOSED LAWN AREAS SHALL BE 4" MINIMUM. ALL DISTURBED AREAS SHALL BE RESTORED WITH LOAM AND SEED UNLESS OTHERWISE NOTED
- ALL REFERENCES TO LOAM AND SEED REFER TO HYDROMULCH SEEDED LAWN.
- WHERE NEW IMPROVEMENTS MEET EXISTING CONDITIONS, MEET LINE AND GRADE OF EXISTING ADJACENT PAVEMENTS, TYPICAL.

GRADING AND DRAINAGE NOTES

- ALL WORK RELATING TO INSTALLATION, RENOVATION OR MODIFICATION OF WATER, DRAINAGE AND/OR SEWER SERVICES SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS OF THE CITY OF CAMBRIDGE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GRADES ON THE GROUND AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE OWNER.
- ALL NEW WALKWAYS MUST CONFORM TO CURRENT AMERICANS WITH DISABILITIES ACT (ADA) REGULATIONS: WALKWAYS SHALL MAINTAIN A CROSS PITCH OF NOT MORE THAN ONE AND A HALF (1.5%) PERCENT AND THE RUNNING SLOPE (PARALLEL TO THE DIRECTION OF TRAVEL) OF 1:20 OR 5%.
- MINIMUM SLOPE ON ALL WALKWAYS WILL BE 1:100 OR 1% TO PROVIDE POSITIVE DRAINAGE. ANY DISCREPANCIES NOT ALLOWING THIS TO OCCUR SHALL BE REPORTED TO THE OWNER PRIOR TO CONTINUING WORK.
- ALL UTILITY GRATES, COVERS OR OTHER SURFACE ELEMENTS INTENDED TO BE EXPOSED AT GRADE SHALL BE FLUSH WITH THE ADJACENT FINISHED GRADE AND ADJUSTED TO PROVIDE A SMOOTH TRANSITION AT ALL EDGES.
- THE CONTRACTOR SHALL SET SUBGRADE ELEVATIONS TO ALLOW FOR POSITIVE DRAINAGE AND PROVIDE EROSION CONTROL DEVICES, STRUCTURES, MATERIALS AND CONSTRUCTION METHODS TO DIRECT SILT MIGRATION AWAY FROM DRAINAGE AND OTHER UTILITY SYSTEMS, PUBLIC/PRIVATE STREETS AND WORK AREAS. CLEAN BASINS REGULARLY AND AT THE END OF THE PROJECT.
- WHERE NEW EARTHWORK MEETS EXISTING EARTHWORK, CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING, PROVIDING VERTICAL CURVES OR ROUNDS AT ALL TOP AND BOTTOM OF SLOPES.
- WHERE A SPECIFIC LIMIT OF WORK LINE IS NOT OBVIOUS OR IMPLIED, BLEND GRADES TO EXISTING CONDITIONS WITHIN 5 FEET OF PROPOSED CONTOURS.
- RESTORE ALL DISTURBED AREAS AND LIMITS OF ALL REMOVALS TO LOAM AND SEED UNLESS OTHERWISE NOTED.
- WHERE NEW IMPROVEMENTS MEET EXISTING CONDITIONS, MEET LINE AND GRADE OF EXISTING ADJACENT PAVEMENTS, TYPICAL.

Project:

CITY OF CAMBRIDGE



Improvements to
Glacken Field Court &
Pemberton Street Courts



85 Devonshire Street, 3rd Floor
Boston, MA 02109
(617) 412-4480 (800) Sampson
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Consultants:

Revisions:

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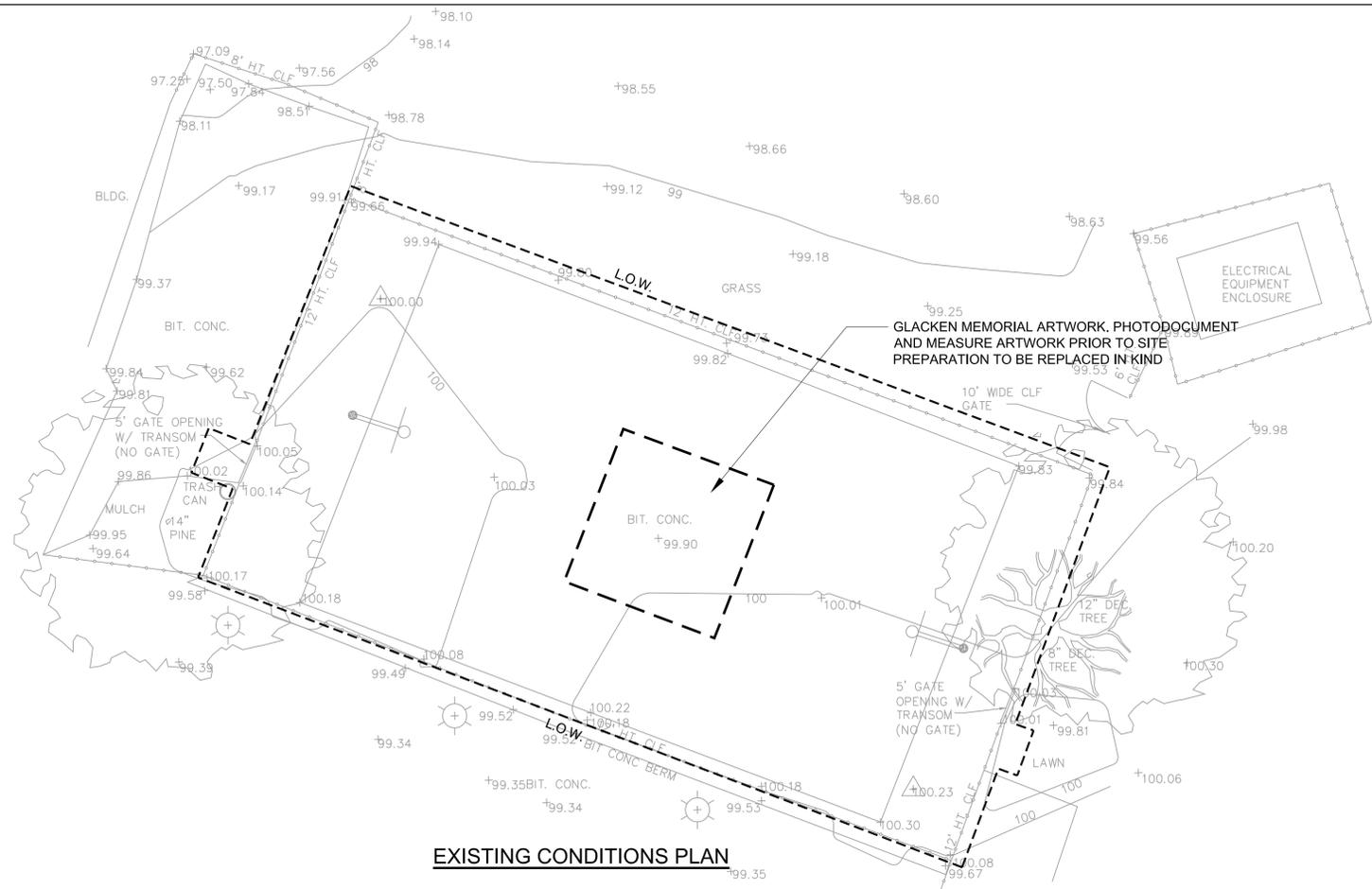
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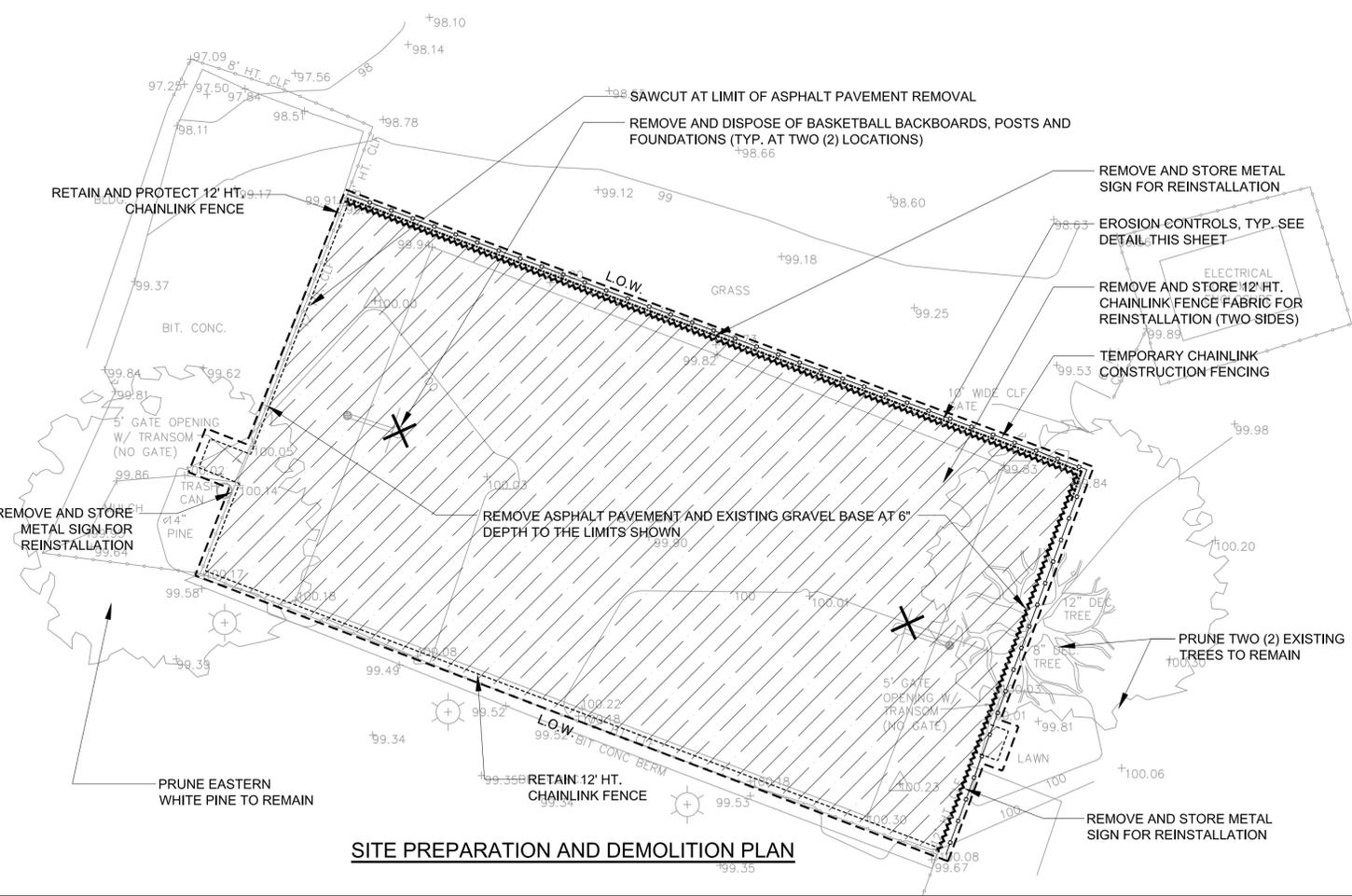
GENERAL NOTES

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GN.01



EXISTING CONDITIONS PLAN

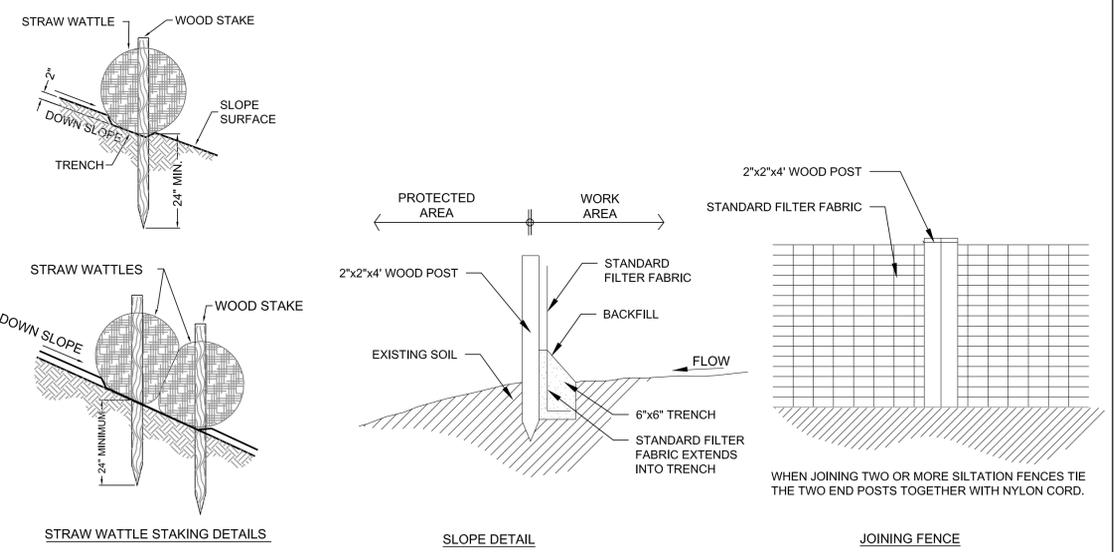
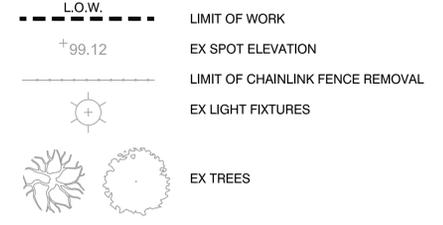


SITE PREPARATION AND DEMOLITION PLAN

SURVEY NOTES:

1. TOPOGRAPHIC AND DETAIL SURVEY WAS PERFORMED BY WESTON & SAMPSON IN JUNE 2013.
2. THE TOPOGRAPHIC INFORMATION IS BASED ON AN ASSUMED ELEVATION OF 100.00 AS DESIGNATED ON THE PLAN.
3. SURVEY CONTROL INFORMATION WILL BE FURNISHED UPON REQUEST.

SURVEY LEGEND:



CONSTRUCTION SPECIFICATIONS ON SILTATION & EROSION CONTROL

1. EROSION CONTROL MEASURES SHALL BE INCORPORATED IN THE SEQUENCE OF CONSTRUCTION TO PREVENT SEDIMENT LADEN WATER FROM LEAVING THE SITE.
2. AREAS SUBJECT TO EROSION SHALL BE MINIMIZED IN TERMS OF TIME AND AREA.
3. IN GENERAL, WORK REQUIRING EROSION CONTROL INCLUDES EXCAVATIONS, FILLS, DRAINAGE, SWALES AND DITCHES, ROUGH AND FINISH GRADING, AND STOCKPIILING OF EARTH.
4. DO NOT DISTURB VEGETATION AND TOPSOIL BEYOND THE PROPOSED LIMIT OF SILT FENCE ACTIVITIES.
5. TEMPORARY SILT FENCE SHALL BE PLACED AS SHOWN ON THE PLAN. PERMANENTLY STABILIZE EACH COMPLETED SEGMENT OF CONSTRUCTION.
6. THE CONTRACTOR SHALL REMOVE TEMPORARY SILT FENCE AND ALL ACCUMULATED SILT AND DEBRIS AFTER COMPLETION OF CONSTRUCTION OPERATIONS.
7. SILT FENCE SHALL BE IN PLACE AT ALL TIMES DURING CONSTRUCTION.
8. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL SILT AND DEBRIS FROM EACH DRAINAGE STRUCTURE UPON COMPLETION OF THE PROJECT.
9. OBJECTS AND/OR AREAS DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
10. ALL DISTURBED AREAS SHALL BE RESTORED TO EXISTING GRADE. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE AS NEEDED.
11. SILT FENCE AND/OR STRAW WATTLE SHALL BE REMOVED UPON THE SATISFACTORY COMPLETION OF ALL WORK SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

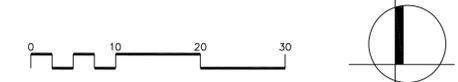
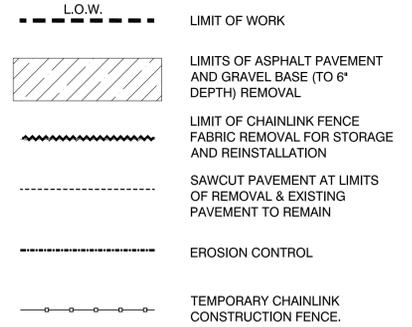
1 SILTATION- EROSION CONTROL

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DEMOLITION & SITE PREPARATION NOTES:

1. IN ACCORDANCE WITH MGL CHAPTER 82, SECTION 40 INCLUDING ALL AMENDMENTS, ALL CONTRACTORS SHOULD NOTIFY IN WRITING ALL UTILITY COMPANIES AND GOVERNMENT AGENCIES PRIOR TO ANY EXCAVATION WORK, AND CALL DIGSAFE (1-800-322-4844).
2. UNLESS SPECIFICALLY NOTED TO BE SAVED OR REUSED, ALL SITE FEATURES CALLED FOR REMOVAL SHALL BE TRANSPORTED FROM THE SITE AND DISPOSED OF IN A LAWFUL MANNER AT AN ACCEPTABLE DISPOSAL SITE.
3. ALL EXISTING SITE FEATURES TO REMAIN SHALL BE PROTECTED THROUGHOUT THE CONSTRUCTION PERIOD. ANY FEATURES DAMAGED DURING CONSTRUCTION OPERATIONS SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST.
4. THE SITE IS TO REMAIN SECURE AT ALL TIMES DURING THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY CONSTRUCTION FENCING AT THE PERIMETER OF WORK AREAS OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE. EXISTING FENCE TO REMAIN IN PLACE, MAY SATISFY PART OF THIS REQUIREMENT AS APPROVED.
5. THE CONTRACTOR SHALL SAWCUT ALL EXISTING PAVEMENTS AT THE LIMITS OF ALL PAVEMENT REMOVALS.
6. ALL EXCAVATIONS MUST BE LAID OUT BY THE CONTRACTOR AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO THE START OF WORK.
7. THE CONTRACTOR MAY REUSE EXISTING GRAVEL BASE MATERIAL PROVIDED IT MEETS THE REQUIREMENTS OF THE SPECIFICATIONS. THE CONTRACTOR MUST SUBMIT TESTING DATA FOR APPROVAL PRIOR TO ANY REUSE OF EXISTING MATERIAL.

DEMOLITION & SITE PREPARATION LEGEND:



Project
CITY OF CAMBRIDGE

Improvements to
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DESIGN STUDIO

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Revisions:

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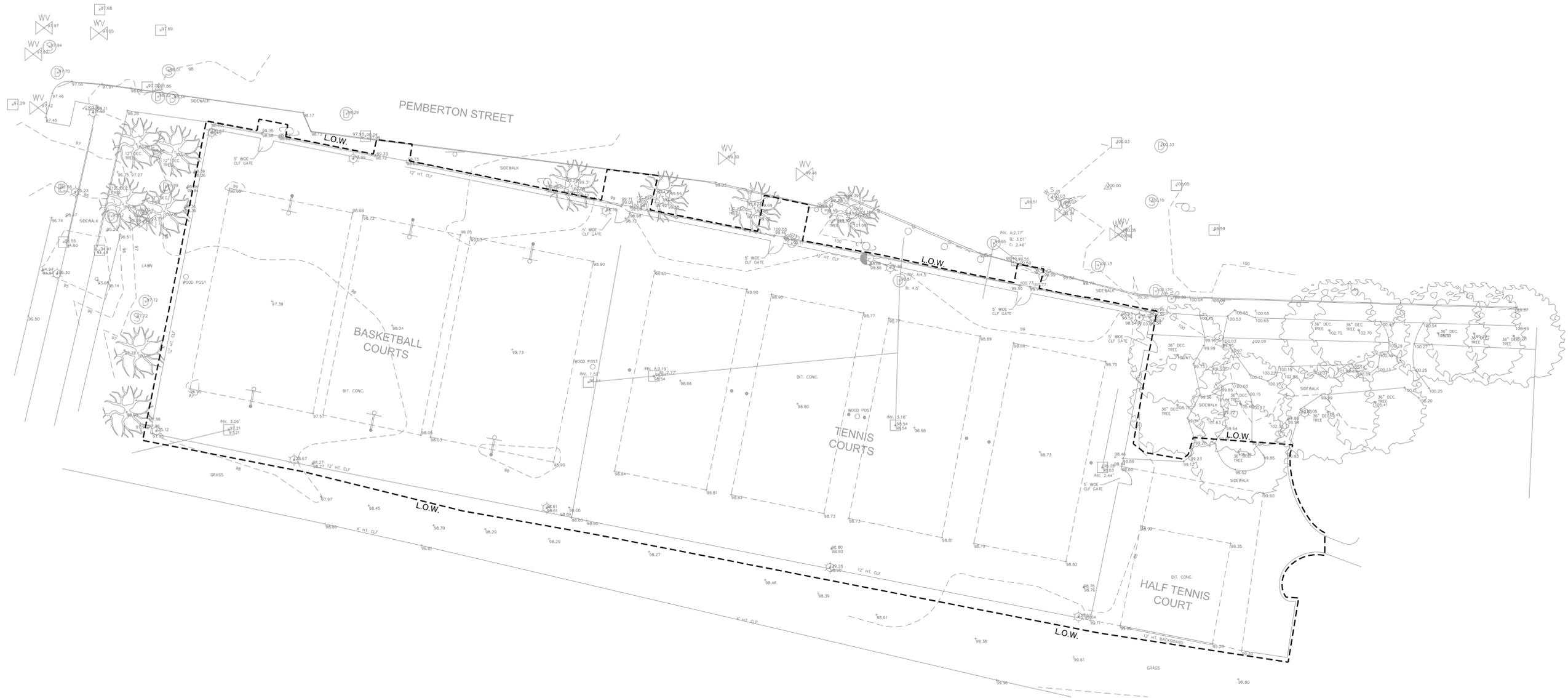
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Drawing Title:
**GLACKEN FIELD COURT
EXISTING CONDITIONS &
SITE PREPARATION
PLAN**

Sheet Number:
EX-SP.01

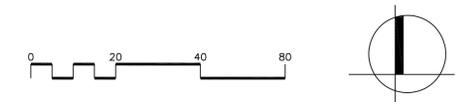


SURVEY NOTES:

1. TOPOGRAPHIC AND DETAIL SURVEY WAS PERFORMED BY WESTON & SAMPSON IN JUNE 2013.
2. THE TOPOGRAPHIC INFORMATION IS BASED ON AN ASSUMED ELEVATION OF 100.00 AS DESIGNATED ON THE PLAN.
3. SURVEY CONTROL INFORMATION WILL BE FURNISHED UPON REQUEST.

SURVEY LEGEND:

- L.O.W. --- LIMIT OF WORK
- +99.12 EX SPOT ELEVATION
- |--- LIMIT OF CHAINLINK FENCE REMOVAL
- ⊕ EX LIGHT FIXTURES
- 🌳 🌳 EX TREES



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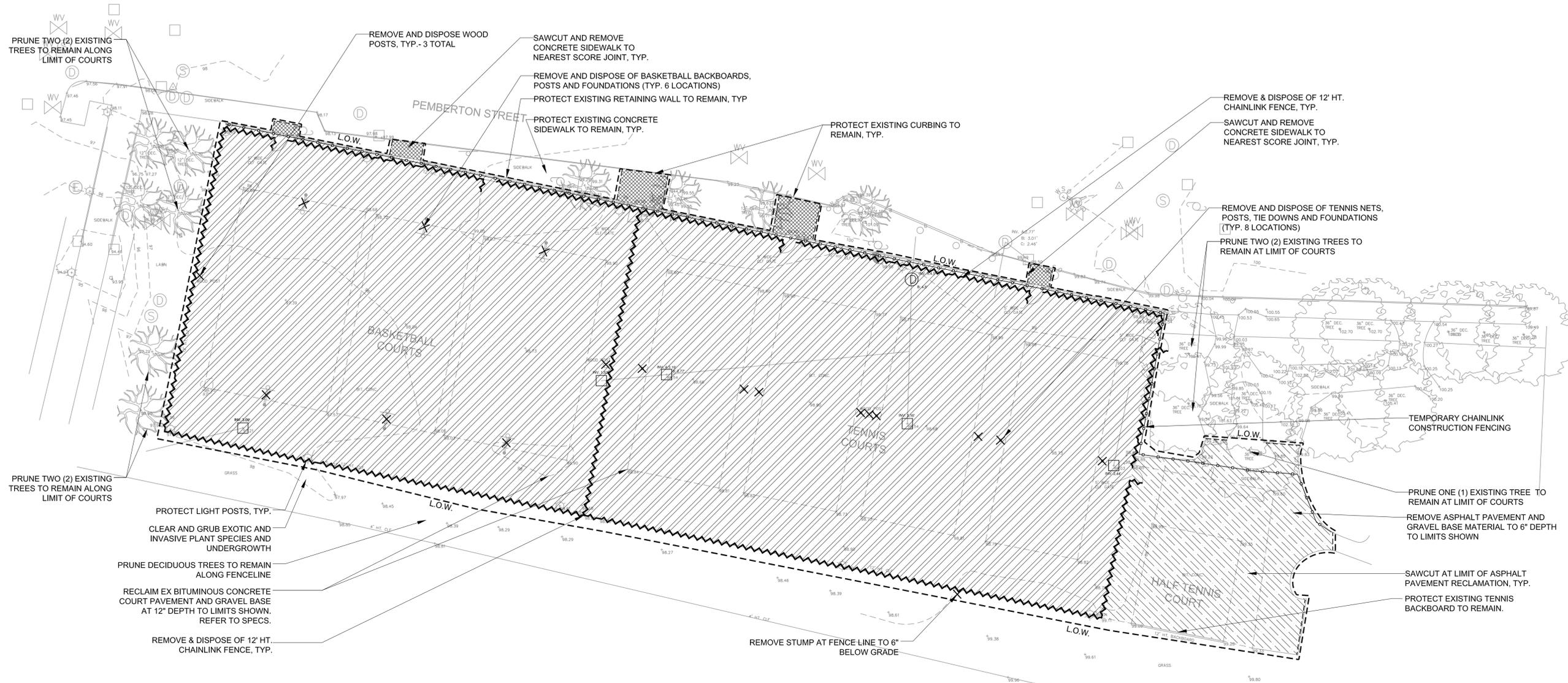
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Approved By: ERB

Drawing Title:

**PEMBERTON STREET
COURTS EXISTING
CONDITIONS PLAN**

Sheet Number:

EX.01



DEMOLITION & SITE PREPARATION NOTES:

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4. THE SITE IS TO REMAIN SECURE AT ALL TIMES DURING THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL INSTALL AND MAINTAIN TEMPORARY CONSTRUCTION FENCING AT THE PERIMETER OF WORK AREAS OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE. EXISTING FENCE TO REMAIN IN PLACE, MAY SATISFY PART OF THIS REQUIREMENT AS APPROVED.
5. THE CONTRACTOR SHALL SAWCUT ALL EXISTING PAVEMENTS AT THE LIMITS OF ALL PAVEMENT REMOVALS.
6. ALL EXCAVATIONS MUST BE LAID OUT BY THE CONTRACTOR AND APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO THE START OF WORK.
7. THE CONTRACTOR MAY REUSE EXISTING GRAVEL BASE MATERIAL PROVIDED IT MEETS THE REQUIREMENTS OF THE SPECIFICATIONS. THE CONTRACTOR MUST SUBMIT TESTING DATA FOR APPROVAL PRIOR TO ANY REUSE OF EXISTING MATERIAL.

DEMOLITION & SITE PREPARATION LEGEND:

- L.O.W. --- LIMIT OF WORK
- [Hatched Box] LIMITS OF RECLAIMED PAVEMENT AND GRAVEL BASE TO 12" DEPTH
- [Hatched Box] LIMITS OF ASPHALT PAVEMENT AND GRAVEL BASE TO 6" DEPTH REMOVAL
- [Hatched Box] LIMITS OF CONCRETE PAVEMENT REMOVALS TO NEAREST SCORE JOINT
- ~ ~ ~ ~ ~ LIMIT OF CHAINLINK FENCE REMOVAL
- - - - - SAWCUT PAVEMENT AT LIMITS OF REMOVALS & EXISTING PAVEMENTS TO REMAIN
- ○ ○ ○ ○ TEMPORARY CHAINLINK CONSTRUCTION FENCE

Consultants:

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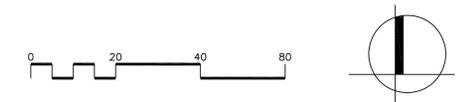
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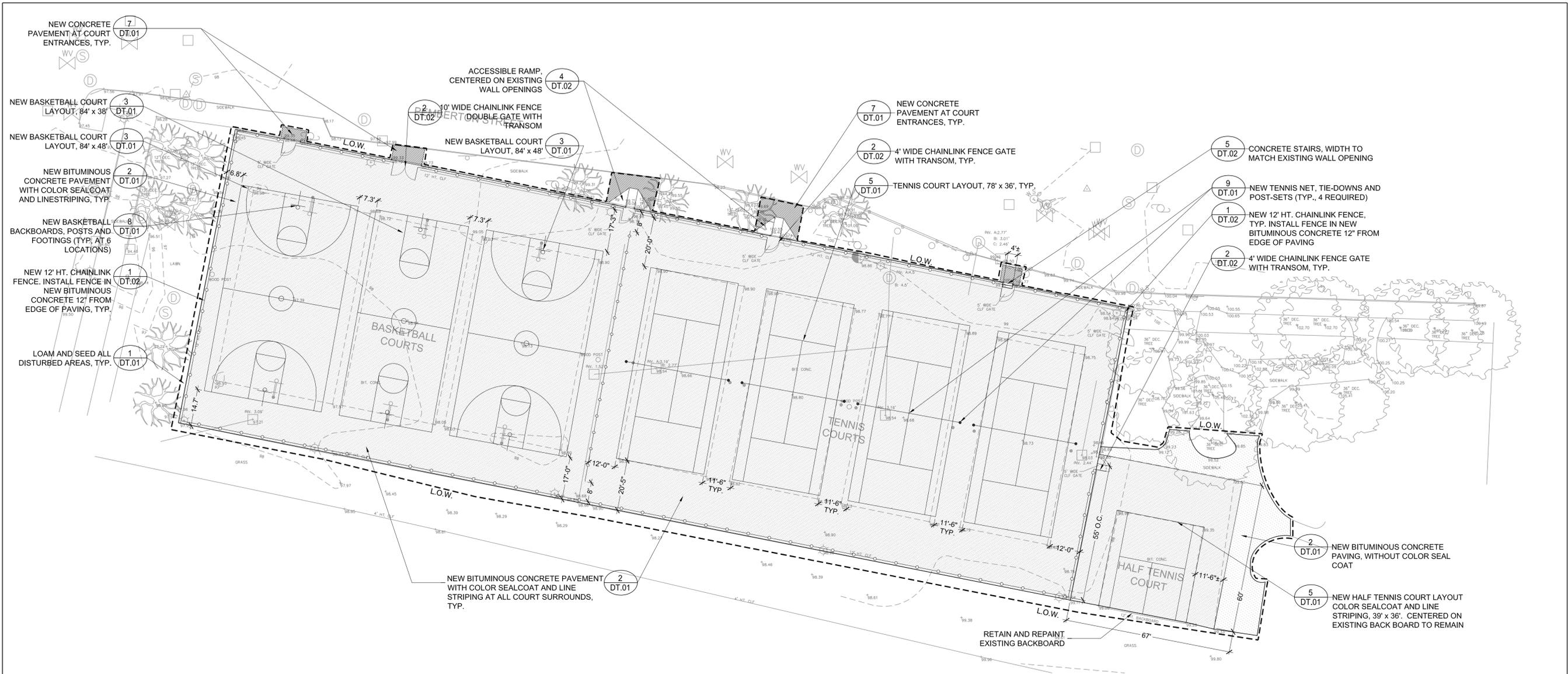
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Drawing Title:
**PEMBERTON STREET
 COURTS SITE
 PREPARATION AND
 DEMOLITION PLAN**

Sheet Number:
SP.01





LAYOUT & MATERIALS NOTES:

1. REFER TO EXISTING CONDITIONS & DEMOLITION PLAN FOR EXISTING CONDITIONS & DEMOLITION NOTES. SEE GRADING & DRAINAGE PLAN FOR GRADING & DRAINAGE NOTES.
2. COORDINATE ALL LAYOUT ACTIVITIES WITH THE SCOPE OF WORK CALLED FOR BY DEMOLITION, GRADING, AND DRAINAGE OPERATIONS ENCOMPASSED BY THIS CONTRACT. SET, PROTECT AND REPLACE BENCH MARKS AND REFERENCE STAKES AS NECESSARY OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
3. ALL LAYOUT LINES, OFFSETS, OR REFERENCES TO LOCATING OBJECTS ARE EITHER PARALLEL OR PERPENDICULAR UNLESS OTHERWISE DESIGNATED WITH ANGLE OFFSETS NOTED.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD MEASUREMENT OF ALL PROPOSED SITE FEATURES.
5. ALL PROPOSED SITE FEATURES SHALL BE LAID OUT AND STAKED FOR REVIEW AND APPROVAL BY THE OWNER'S REPRESENTATIVE. ANY REQUIRED ADJUSTMENTS TO THE LAYOUT SHALL BE UNDERTAKEN AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
6. ALL PROPOSED PAVEMENTS SHALL MEET THE LINE AND GRADE OF EXISTING ADJACENT PAVEMENT SURFACES.
7. LOAM AND SEED ALL DISTURBED AREAS UNLESS OTHERWISE NOTED.
8. ALL BITUMINOUS CONCRETE PAVEMENT (COURT INTERIOR AND COURT SURROUND) SHALL BE COLOR SEALCOATED (USE SAME COLOR SCHEME AS EXISTING)
9. THE CONTRACTOR SHALL SUPPLEMENT ANY EXISTING GRAVEL BASE TO BE REUSED WITH NEW GRAVEL BORROW AS REQUIRED TO MEET THE SPECIFIED PAVEMENT BASE THICKNESS AND FINISH GRADE ELEVATIONS, SEE DETAILS AND SPECIFICATIONS.

LAYOUT AND MATERIALS LEGEND:

- L.O.W. LIMIT OF WORK
- BITUMINOUS CONCRETE PAVEMENT WITH COLOR SEAL COAT, TYP.
- BITUMINOUS CONCRETE PAVEMENT (WITHOUT COLOR SEAL COAT), TYP.
- CONCRETE PAVEMENT AT COURT ENTRANCES
- CHAINLINK FENCE, TYP.

Project:
CITY OF CAMBRIDGE



Improvements to
Glacken Field Court &
Pemberton Street Courts



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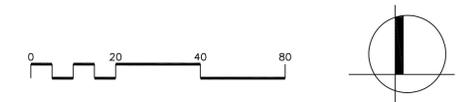
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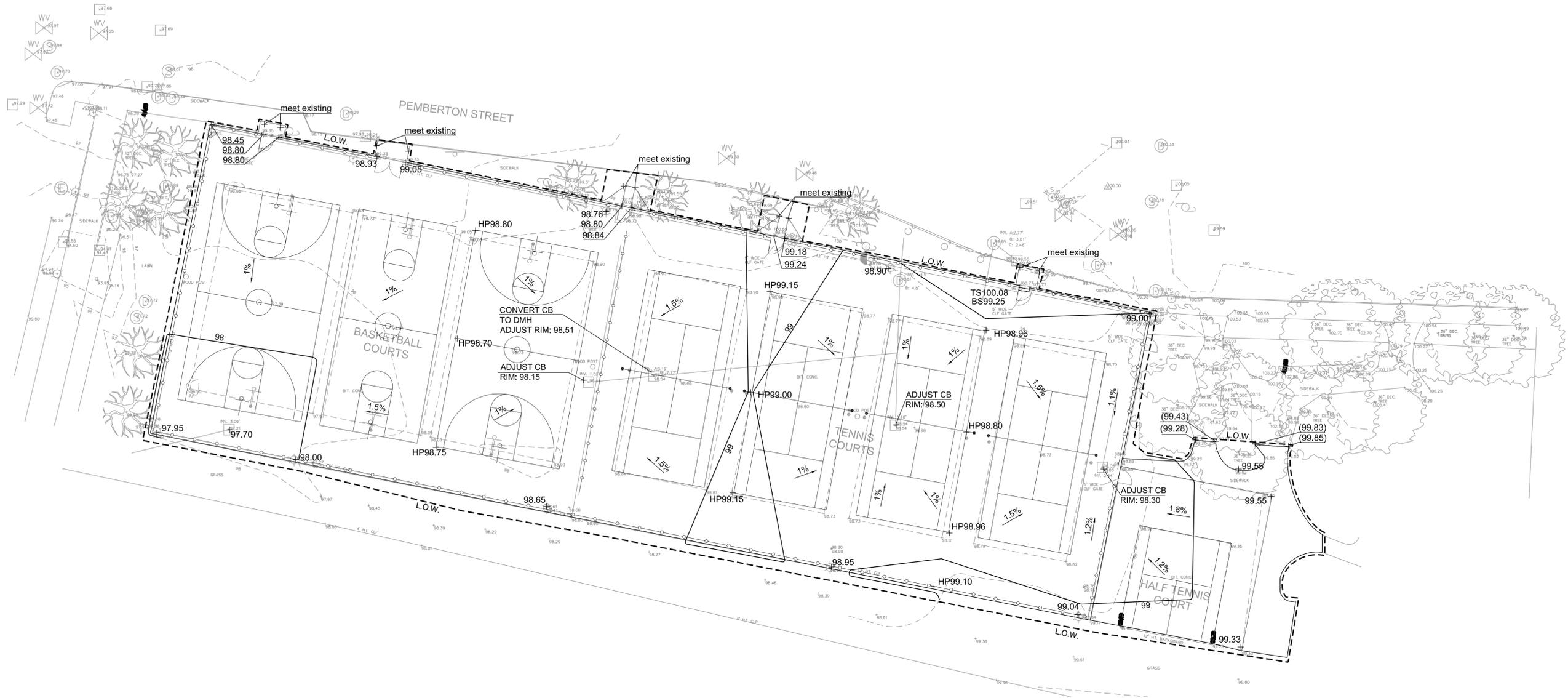
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Checked By: CFR
Approved By: ERB

Drawing Title:
PEMBERTON STREET COURTS LAYOUT AND MATERIALS PLAN

Sheet Number:
LM.01





GRADING & DRAINAGE NOTES:

1. REFER TO EXISTING CONDITIONS AND DEMOLITION PLAN FOR EXISTING CONDITIONS AND DEMOLITION NOTES. SEE LAYOUT AND MATERIALS PLAN FOR SITE IMPROVEMENTS NOTES.
2. ALL PROPOSED PAVEMENTS SHALL MEET THE LINE AND GRADE OF EXISTING ADJACENT PAVEMENT SURFACES.
3. ALL COURTS SHALL MAINTAIN A 1% MINIMUM.
4. WHERE A SPECIFIC LIMIT OF WORK LINE IS NOT OBVIOUS OR IMPLIED, BLEND GRADES TO EXISTING CONDITIONS WITHIN 5 FEET OF PROPOSED ELEVATIONS/CONTOURS.
5. RESTORE ALL DISTURBED AREAS AND LIMITS OF ALL REMOVALS TO TURF UNLESS OTHERWISE NOTED.
6. STAKE AND MAINTAIN GRADES THROUGHOUT THE CONSTRUCTION PERIOD TO THE SATISFACTION OF THE PROJECT REPRESENTATIVE.

GRADING & DRAINAGE LEGEND

- L.O.W. --- LIMIT OF WORK
- - - 99 - - - EXISTING 1' CONTOUR
- 100 — PROPOSED 1' CONTOUR
- + 99.12 EXISTING SPOT ELEVATION
- + 100.9 PROPOSED SPOT ELEVATIONS
- 1% PROPOSED SLOPE
- EX CATCH BASIN
- ⊗ PAVEMENT CORE SAMPLE LOCATIONS
- TS/BS TOP/BOTTOM OF STAIRS



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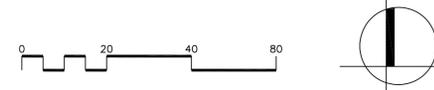
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| Approved By: | ERB |

Drawing Title:
**PEMBERTON STREET
COURTS GRADING AND
DRAINAGE PLAN**

Sheet Number:
GD.01



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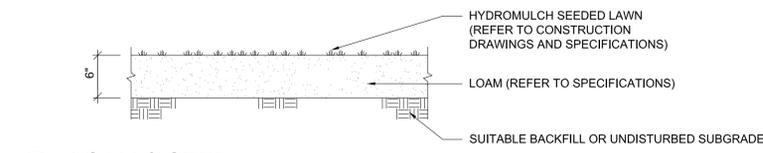
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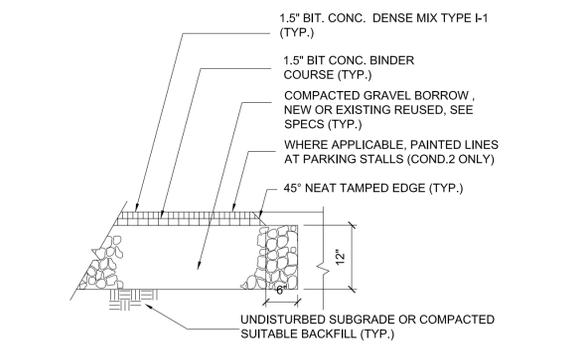
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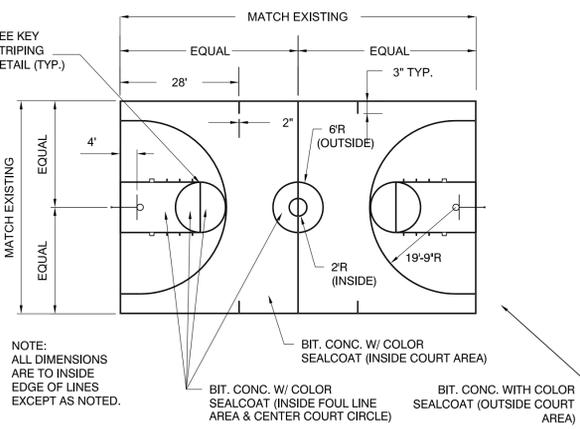
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 DETAILS**



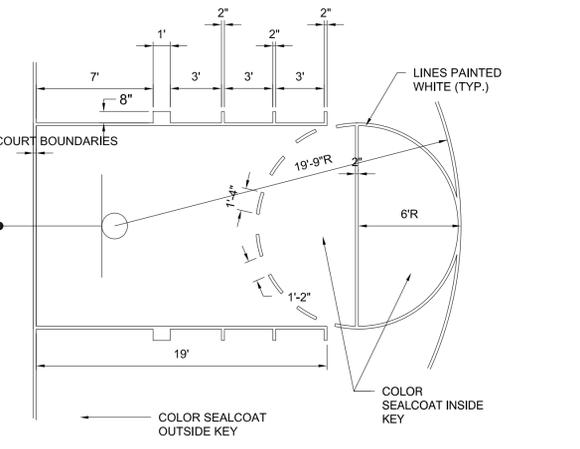
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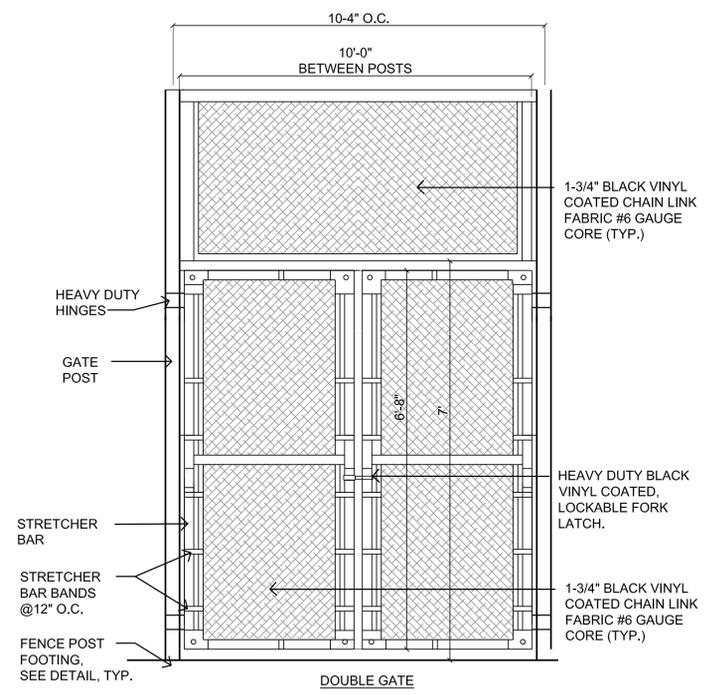
2 BITUMINOUS CONCRETE PAVING
 SECTION NO SCALE



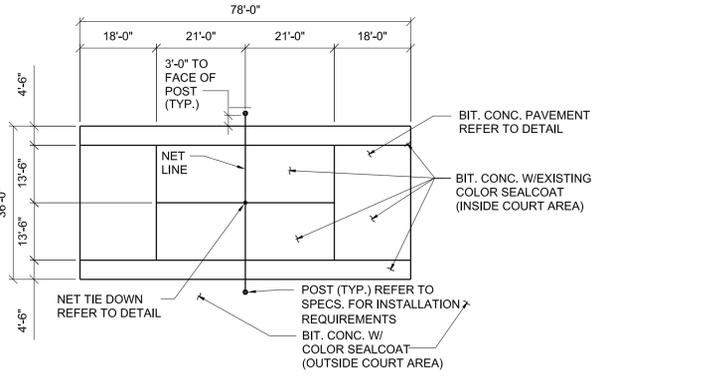
3 BASKETBALL COURT STRIPING & COLOR SEALCOAT
 SECTION NO SCALE



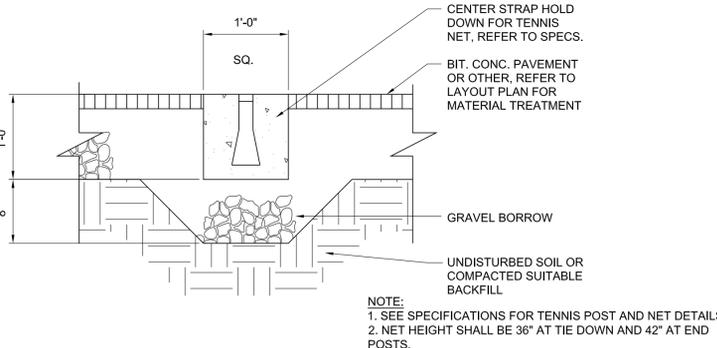
4 BASKETBALL KEY STRIPING



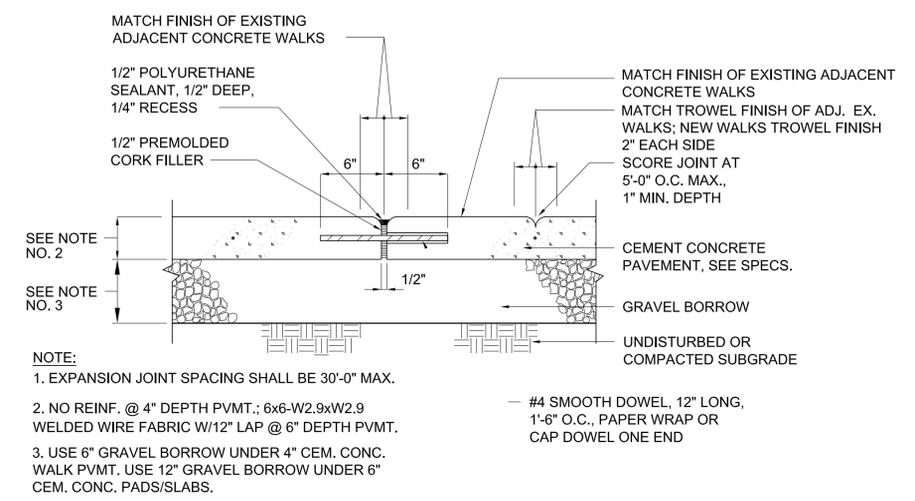
4 DOUBLE CHAINLINK FENCE GATE WITH TRANSOM
 ELEVATION & SECTIONS NO SCALE



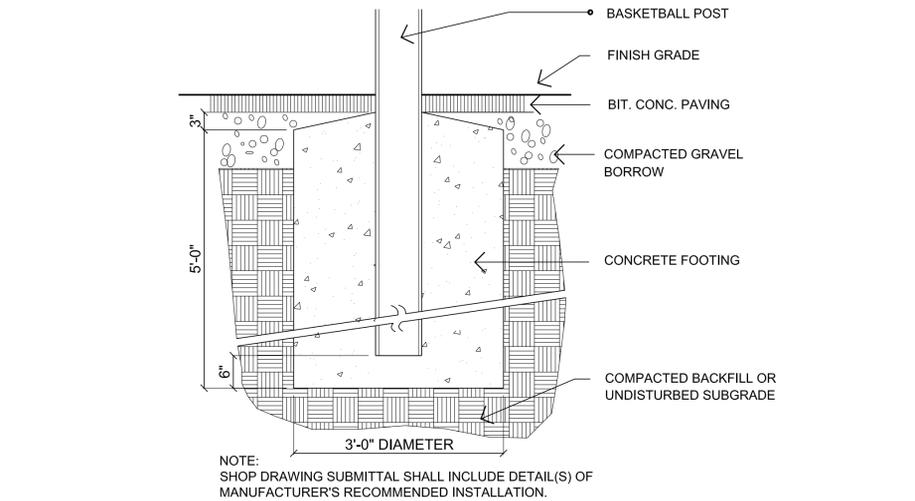
5 TENNIS COURT STRIPING & BIT. CONC. COLOR SEALCOAT
 PLAN NO SCALE



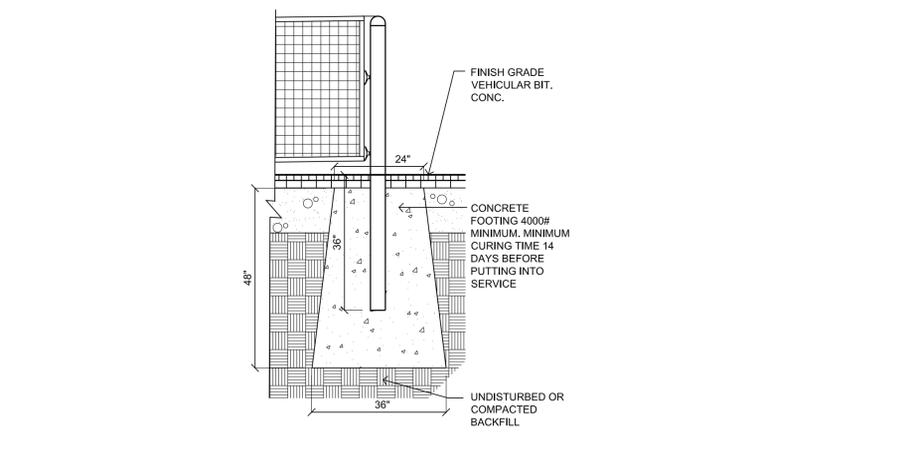
6 TENNIS NET TIE DOWN
 SECTION NO SCALE



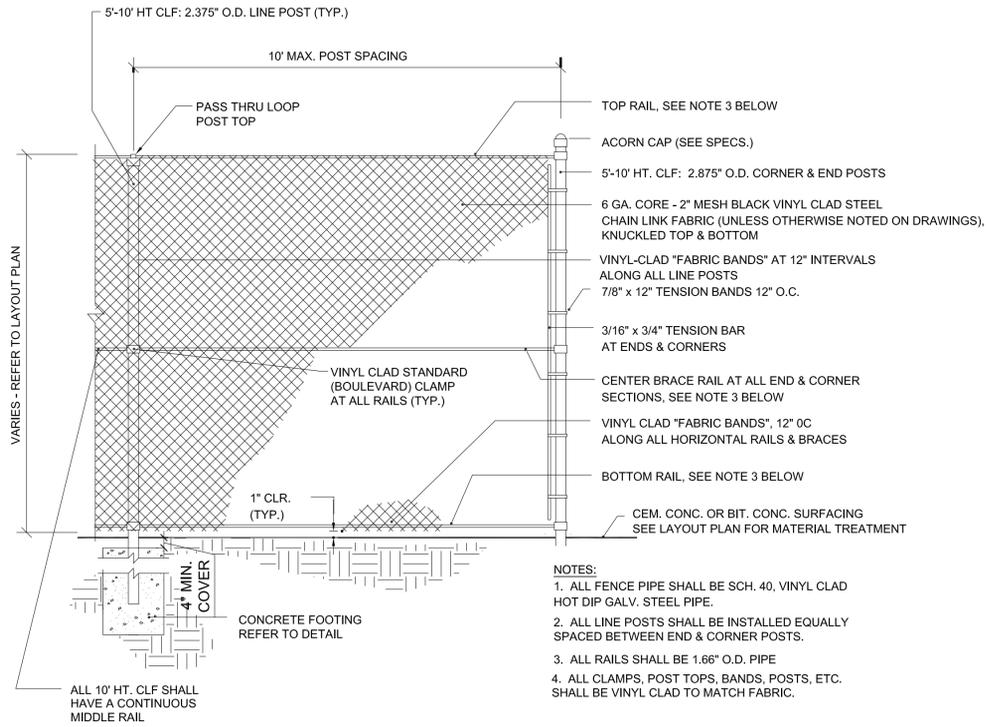
7 CEM. CONC. PAVEMENT WITH TYP. EXP. JOINT
 SECTION NO SCALE



8 BASKETBALL POST FOOTING
 SECTION NO SCALE

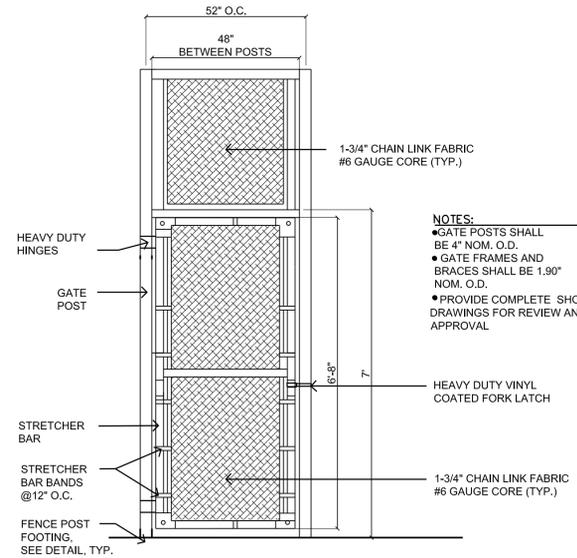


9 TENNIS POST FOOTING
 SECTION NO SCALE

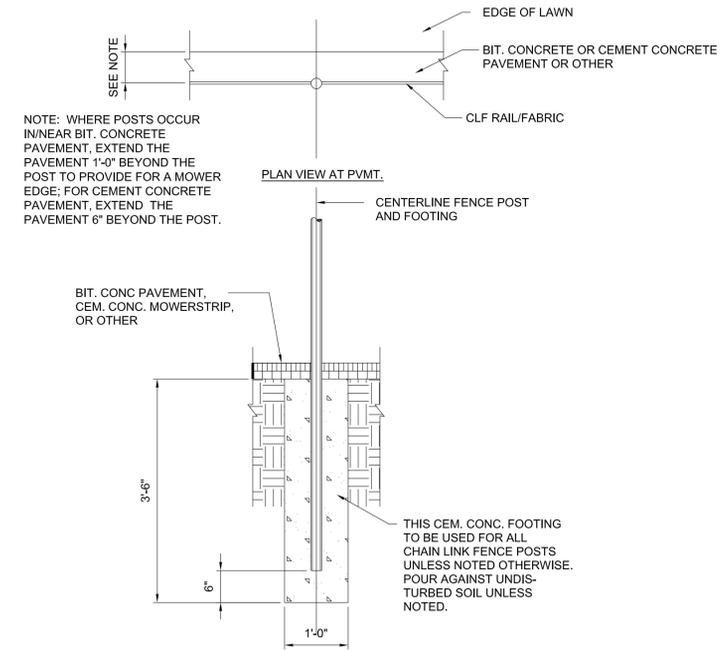


1 VINYL CLAD CHAIN LINK FENCE - 10' HT. OR LESS SECTION

NO SCALE

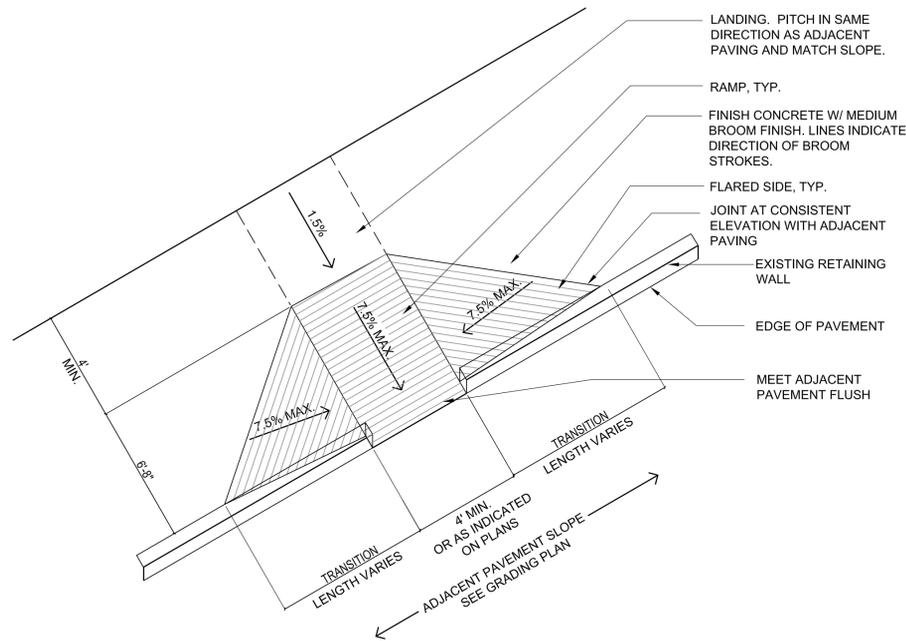


2 CHAIN LINK GATE WITH TRANSOM SCALE: N.T.S.



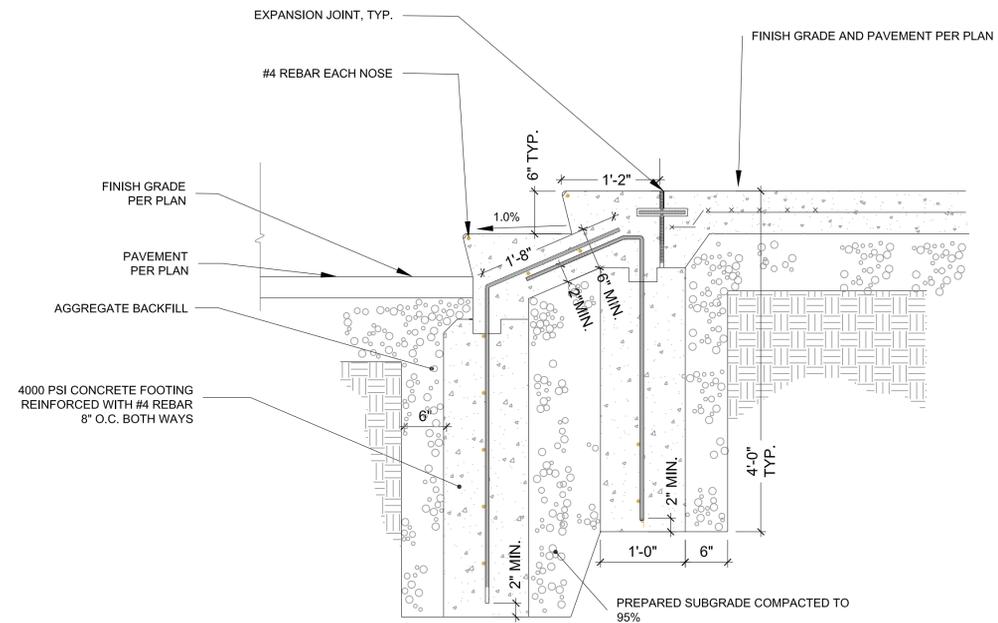
3 TYPICAL FENCE POST FOOTING

NO SCALE



4 ACCESSIBLE RAMP SECTION

NO SCALE



5 CONCRETE STAIR SECTION

NO SCALE

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DETAILS**

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