



4800 Ashford Dunwoody Road
 Dunwoody, Georgia 30338
 dunwoodyga.gov | 678.382.6700

To: Mayor and City Council

From: Brent Walker, Parks and Recreation Director

Date: March 25, 2019

Subject: Award of Contract for ITB 19-01, Brook Run Park Playground Resurfacing

ITEM DESCRIPTION

Award of Contract for ITB 19-01, Brook Run Park Playground Resurfacing

BACKGROUND

The City solicited proposals from qualified vendors to provide resurfacing of the rubber playground surface at Brook Run Park.

EVALUATION

An invitation to bid was issued in February and the City received proposals on March 13th. KorKat Inc. was the apparent low bidder at \$225,792. Staff have contacted references and all have given a positive referral for similar work. Attached is a copy of the bid amounts received

FUNDING

The City funded \$250,000 in the 2018 Capital Budget for this project.

RECOMMENDATION

Staff respectfully requests that Council: (1) award a Purchasing Contract for ITB 19-01, Brook Run Park Playground Resurfacing to KorKat Inc. with a 10% contingency for a total of \$\$248,370. Total funding for the project will be within the Capital Fund amount. (2) authorize staff to provide funding for the contracts; and (3) authorize the City Manager to execute the necessary documents following satisfactory review by legal counsel.

Denis Shortal Mayor
 Eric Linton, ICMA-CM City Manager
 Sharon Lowery, CMC City Clerk

Pam Tallmadge City Council Post 1
 Jim Riticher City Council Post 2
 Tom Lambert City Council Post 3

Terry Nall City Council Post 4
 Lynn Deutsch City Council Post 5
 John Heneghan City Council Post 6

Packet page:...



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ITB 19-01 Brook Run Park Playground Resurfacing Bids Received

KorKat Inc	\$225,792
Bliss	\$278,648.80

CITY OF DUNWOODY

Invitation to Bid ITB 19-02

The City of Dunwoody is soliciting competitive sealed bids from qualified contractors for **Brook Run Park Playground Resurfacing** for the Department of Parks & Recreation.

Bids should be typed or submitted in ink and returned in a sealed container marked on the outside with the ITB 19-02 and Company Name. Bids will be received until 2:00 P.M. local time on Wednesday, 3-13-2019 at the City of Dunwoody, 4800 Ashford Dunwoody Rd, Dunwoody, Georgia 30338. Any bid received after this date and time will not be accepted. Bids will be publicly opened and read at 2:05 P.M. Apparent bid results will be available the following business day on our website www.dunwoodyga.gov.

A **Pre-Bid Conference will be held at 10:00 am, Wednesday, 2-20-2019** at the Brook run Park Playground 4770 North Peachtree Rd., Dunwoody, GA 30338. The conference will include a review of the Bid Documents, and a question and answer period. Attendance at the Pre-Bid Conference is strongly encouraged, but it is not required. Bidders are expected to be familiar with the Bid Documents and the property to be developed and to provide the City with any questions regarding the Bid Documents at the Pre-Bid conference or by the deadline for questions to be submitted.

Questions regarding bids should be directed to John Gates, Purchasing Manager, at purchasing@dunwoodyga.gov or by calling 678-382-6700, no later than 2:00 P.M. on Monday, 2-25-2019. Bids are legal and binding upon the bidder when submitted. All bids should be submitted in duplicate.

The written bid documents supersede any verbal or written prior communications between the parties.

Award will be made to the supplier submitting the lowest responsive and responsible bid. The City reserves the right to reject any or all bids to waive technicalities, and to make an award deemed in its best interest. Bids may be split or awarded in entirety. The City reserves the option to negotiate terms, conditions and pricing with the lowest responsive, responsible bidder(s) at its discretion.

All companies submitting a bid will be notified in writing of award.

The selected contractor must be able to start work within 10 calendar days after the "Notice to Proceed" is issued. The time of completion for the project is as follows: 30 available days from the "Notice to Proceed" for substantial completion and an additional 30 days for final acceptance.

BID FORM

**TO: PURCHASING MANAGER
CITY OF DUNWOODY
DUNWOODY, GEORGIA 30338**

Ladies and Gentlemen:

In compliance with your Invitation To Bid, the undersigned, hereinafter termed the Bidder, proposes to enter into a Contract with the City of Dunwoody, Georgia, to provide the necessary machinery, tools, apparatus, other means of construction, and all materials and labor specified in the Contract Documents or as necessary to complete the Work in the manner therein specified within the time specified, as therein set forth, for:

Brook Run Park Playground Resurfacing

The Bidder has carefully examined and fully understands the Contract, Specifications, and other documents hereto attached, has made a personal examination of the Site of the proposed Work, has satisfied himself as to the actual conditions and requirements of the Work, and hereby proposes and agrees that if his bid is accepted, he/she will contract with the City of Dunwoody in full conformance with the Contract Documents.

Unless otherwise directed, all work performed shall be in accordance with the scope of work included in the Invitation to Bid and applicable requirements of the Americans with Disability Act.

It is the intent of this Bid to include all items of construction and all Work called for in the Plans and Specifications, or otherwise a part of the Contract Documents.

In accordance with the foregoing, the undersigned proposes to furnish and construct the items listed in the attached Bid Schedule for the unit prices except where “lump sum” quantities are stated.

The Bidder agrees that the cost of any work performed, materials furnished, services provided or expenses incurred, which are not specifically delineated in the Contract Documents but which are incidental to the scope, intent, and completion of the Contract, shall be deemed to have been included in the prices bid for the various items scheduled.

The Bidder further proposes and agrees hereby to promptly commence the Work with adequate force and equipment within 10 calendar days from receipt of “Notice to Proceed” and to complete all work within 30 available days from the “Notice to Proceed” for substantial completion and an additional 30 days for final acceptance.

BIDDER ACKNOWLEDGES RECEIPT OF THE FOLLOWING ADDENDA:

Addendum No.	Date Received
_____	_____
_____	_____

Bidder further declares that the full name and resident address of Bidder's Principal is as follows:

Signed, sealed, and dated this _____ day of _____, 2019.

Bidder _____ (Seal)
Company Name

Bidder Mailing Address:

By: _____

Title: _____

By: _____

Title: _____

Scope of Work

- Remove and dispose of existing pour in place rubber surfacing.
- Check for correct compaction of base layers. / City to provide compaction test upon contractor's request.
- Provide an allowance of up to 3" of stone for base layer if needed.
- Provide and install a new pour in place surface to the correct thickness for ASTM critical fall height standards.
- Final top cap color to be specified by owner based on 50/50 blend with black.
- Surface area for 8' fall height approximately 12,000 Sq. Ft.
- Surface area for 4' fall height approximately 4,000 Sq. Ft.
- Calculations for surface area and fall height are to be confirmed by contractor.
- Use temporary fencing to secure jobsite at all times.
- Keep a clean and professional construction site at all times.



INSURANCE REQUIREMENTS

Within 10 days of Notice of Award, and at all times that this Contract is in force, the Contractor shall obtain, maintain and furnish the City Certificates of Insurance from licensed companies doing business in the State of Georgia with an A.M. Best Rating A-6 or higher and acceptable to the City covering:

1. Statutory Workers' Compensation Insurance

(a) Employers Liability:

Bodily Injury by Accident - \$100,000 each accident
Bodily Injury by Disease - \$500,000 policy limit
Bodily Injury by Disease - \$100,000 each employee

2. Comprehensive General Liability Insurance

- (a) \$1,000,000 limit of liability per occurrence for bodily injury and property damage Owner's and Contractor's Protective
- (b) Blanket Contractual Liability
- (c) I Blanket "X", "C", and "U"
- (d) Products/Completed Operations Insurance
- (e) Broad Form Property Damage
- (f) Personal Injury Coverage

3. Automobile Liability

- (a) \$1,000,000 limit of liability
- (b) Comprehensive form covering all owned, non-owned and hired vehicles

4. Umbrella Liability Insurance

- (a) \$1,000,000 limit of liability
- (b) Coverage at least as broad as primary coverage as outlined under Items 1, 2 and 3 above

INSURANCE REQUIREMENTS (continued)

5. The City of Dunwoody, Georgia, and its subcontractors and affiliated companies, their officers, directors, employees shall be named on the Certificates of Insurance as additional insured and endorsed onto the policies for Comprehensive General Liability, Automobile Liability and Umbrella Liability. Insurance must be maintained pursuant to this Contract in connection with liability of the City of Dunwoody and their affiliated companies and their officers, directors and employees arising out of Contractor's operations. Copies of the endorsements shall be furnished to the City prior to execution of the contract. Such insurance is primary insurance and shall contain a Severability of Interest clause with respect to each insured. Such policies shall be non-cancelable except upon 30 days written notice to the City. Any separate insurance maintained in force by the additional insured named above shall not contribute to the insurance extended by Contractor's insurer(s) under this additional insured provision.

Certificate Holder should read:

**The City of Dunwoody
4800 Ashford Dunwoody Rd.
Dunwoody, Georgia 30338**

QUALIFICATIONS SIGNATURE AND CERTIFICATION

(Bidder to sign and return)

I certify that this offer is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a proposal for the same materials, supplies, equipment, or services and is in all respects fair and without collusion or fraud. I understand collusive bidding is a violation of State and Federal Law and can result in fines, prison sentences, and civil damage awards. I agree to abide by all conditions of the proposal and certify that I am authorized to sign this proposal for the proposer. I further certify that the provisions of the Official Code of Georgia Annotated, Sections 45-10-20 et. Seq. have not been violated and will not be violated in any respect.

Authorized Signature _____ Date _____

Print/Type Name _____

Print/Type Company Name Here _____

CORPORATE CERTIFICATE

I, _____, certify that I am the Secretary of the Corporation named as Contractor in the foregoing bid; that _____ who signed said bid in behalf of the Contractor, was then (title) _____ of said Corporation; that said bid was duly signed for and in behalf of said Corporation by authority of its Board of Directors, and is within the scope of its corporate powers; that said Corporation is organized under the laws of the State of _____.

This _____ day of _____, 20 _____

(Signature) (Seal)

LIST OF SUBCONTRACTORS

I do _____, do not _____, propose to subcontract some of the work on this project. I propose to subcontract work to the following subcontractors:

Company Name: _____

Brook Run Park Playground Resurfacing

PURPOSE: The purpose of this Invitation to Bid (ITB) is to select a qualified Contractor for the removal and replacement of existing play surface Brook Run Park.

1.1 **REFERENCE STANDARDS:** The construction shall comply with the latest edition of ASTM playground safety standards

1.2 **SCOPE:** The contractor shall furnish all materials, equipment, and labor to complete the required construction as described in its entirety to the specifications as directed and the terms of this contract including all incidentals as directed by the City of Dunwoody Parks and Recreation Director or his representative. The project location is as follows:

4770 North Peachtree Rd. Dunwoody, GA 30338

Unless otherwise specified all work shall be completed in accordance with the scope of work included in the Invitation to Bid and all pertinent Americans with Disabilities Act standards. In the case of conflicts, the most stringent requirements will apply. Any variations to the above specified details and specifications will be approved by the Parks and Recreation Director or his representative.

1.3 **METHOD OF AWARD**

The Contract will be awarded to the lowest responsive, responsible Proposer submitting the Proposal complying with the Contract Documents which is in the best interest of the City, as determined by the City. Determination of the low Proposal will be based on the total of the Base Proposal Lump Sum Amount.

1.4 **PERMITS**

The Contractor is responsible for obtaining all required permits if applicable.

1.5 **TIME OF WORK**

It is understood that the Contractor's proposed construction schedule is based on a normal 5-day work week, less recognized holidays. If the Contractor desires to work in excess of this limit, the Contractor shall submit a written request to the City a minimum of five days prior to the desired work date. The Contractor will provide a design and construction schedule to the City for the entire timeline of the project and provide a Company Organizational Chart with a single point of contact.

1.6 **EROSION, SEDIMENTATION AND POLLUTION CONTROL MAINTENANCE**

No payment will be made for any portion of the project for which temporary erosion, sedimentation and pollution controls are not properly maintained. Any fines or delays for non-compliance of erosion control measures levied by any agency will be the responsibility of the Contractor.

1.7 **GENERAL CONTRACTOR LICENSE**

All Proposers must be licensed by the state of Georgia to be a General Contractor.

1.8 **PARK OPERATION** This construction will be performed while the rest of the park is opened to the public. The public will be permitted access into the areas not under construction. All park areas not fenced off as construction zones will be fully opened to the public for normal park hours during construction. Contractor shall take necessary precautions to secure the construction site to maintain a safe environment for the public. The construction shall not impede the flow of traffic on the existing park drive during

construction or when fields are open to the public. During construction of the connections to existing entry drive, traffic access into the park must be maintained. Traffic may be reduced to one lane with adequate flagman to provide a safe, smooth flow of traffic. All Construction personnel and suppliers shall observe the posted park speed limits.

1.9 CONTRACTOR EXPERIENCE Proposers shall have completed construction of a minimum of three (3) projects of similar size within the past five (5) years and submit appropriate references.

1.10 FINAL ACCEPTANCE All references to guarantee, warranty or payments that are commencing upon “Final Approval”, “Final Certificate for Payment”, or “Substantial Completion” or other similar wording shall commence upon acceptance of portions of the Work by the City.

1.11 CONSTRUCTION LAYOUT The Contractor is responsible for all construction layout and control for the project. The Contractor will proceed with construction layout in such a manner that discrepancies between construction items, existing built features and site conditions that are in conflict with the scope may be examined by the Owner’s Representative prior to construction of items in conflict. Failure to notify the Owner’s Representative of conflicts prior to constructing items will result in all remedial actions being paid for by the Contractor including, but not limited to, additional materials, re-inspection fees, professional service fees and survey cost by all parties to the projects.

PART TWO – DISADVANTAGED BUSINESS ENTERPRISES

2.1 The Contractor and/or sub-contractors shall comply with Executive Order 12432, Minority Business Enterprise Development, which encourages greater economic opportunity for minority entrepreneurs.

2.1.1 Contractor shall make a good faith effort to award at least 10 percent of subcontracts and material purchases to Disadvantaged Business Enterprises.

2.1.2 The Contractor and his subcontractors, if any, shall file compliance reports, to the City monthly with the applications for payment.

2.1.3 In determining whether a Contractor has made “Good Faith Efforts”, evaluation will look not only at the different kinds of effort that a Contractor has made, but also the quantity and intensity of these efforts. The following list of kinds of efforts is provided for consideration:

2.1.3.1 Whether the Contractor advertised in general circulation, trade association and minority-focus media concerning the sub-contracting opportunities;

2.1.3.2 Whether the Contractor provided written notice to a reasonable number of specific DBEs that their interest in the Contract was being solicited, insufficient time to allow the DBEs to participate effectively;

2.1.3.3 Whether the Contractor followed up initial solicitations of interest by contacting DBEs to determine with certainty whether the DBEs were interested;

2.1.3.4 Whether the Contractor provided interested DBEs with adequate information about the Drawings, Specifications and requirements of the Contract Documents;

2.1.3.5 Whether the Contractor negotiated in good faith with interested DBEs, not rejecting DBEs as

unqualified without sound reasons based on a thorough investigation of their capabilities;

2.1.3.6 Whether the Contractor made efforts to assist interested DBEs in obtaining bonding, lines of credit, or insurance required by the Owner or Contractor.

2.1.3.7 Whether the Contractor effectively used the services of available minority community organizations; minority contractor's groups; local, state and federal minority business assistance offices and other organizations that provide assistance in the recruitment and placement of DBEs.

PART THREE-CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY & VOLUNTARY – PRIMARY COVERED TRANSACTIONS

3.1 The Contractor/subcontractor certifies to the best of his/her knowledge and belief, that he/she:

3.1.1 Is not presently debarred, suspended, proposed for debarment, and declared ineligible, or voluntarily excluded from covered transaction by any Federal department or agency.

3.1.2 Has not within a 3-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction, violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.

3.1.3 Is not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph 1b of this certification.

3.1.4 Has not within a 3-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default

3.2 Drug Free Workplace the Contractor certifies that the provisions of Code Sections 50-24-1 through 50-24-6 of the Official Code of Georgia Annotated, relating to the “Drug-free Workplace Act”, have been complied with in full.

3.2.1 The Contractor further certifies that a drug-free workplace will be provided for the Contractor’s employees during the performance of the Contract

3.2.2 Each Contractor who hires a Subcontractor to work in a drug-free workplace shall secure from that Subcontractor the following written certification “As part of the subcontracting agreement with Contractor’s name), (Subcontractor’s name) certifies to the Contractor that a drug free workplace will be provided for the Subcontractor’s employees during the performance of this Contract pursuant to paragraph (7) of subsection (b) of Code Section 50-24-3”. Also, the Contractor/subcontractor further certifies that he will not engage in the unlawful manufacture, sale, distribution, dispensation, possession, or use of a controlled substance or marijuana during the performance of the Contract.

3.3 Equal Employment Opportunity

During the performance of this Contract, the Contractor agrees as follows:

3.3.1 The Contractor shall not discriminate against any employee, or applicant for employment, because of race, religion, color, sex, national origin, or handicapping condition. The Contractor will take affirmative

action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, religion, color, sex, national origin, or handicapping condition. Such action shall include, but not be limited to, the following: Employment, upgrading; demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provision of this nondiscrimination clause.

3.3.2 The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, religion, color, sex, national origin, or handicapping condition.

3.3.3 The Contractor will send to each labor union or representative of the workers, with which the Contractor has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer advising the labor union or workers' representative of the Contractor's commitments under Section 202 of Executive Order 11246, as amended (# CFR 169 (1979)), and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

3.3.4 The Contractor will comply with all provisions of Executive Order 11246, as amended, and the rules, regulations, and relevant orders of the Secretary of Labor.

3.3.5 The Contractor will furnish all information and reports required by Executive Order 11246, as amended, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations and orders.

3.3.5 In the event of the Contractor's noncompliance with the nondiscrimination clauses of this Contract or with any of such rules, regulations, or orders, this Contract may be canceled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order 11246, as amended, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246, as amended, or by rules, regulations, or orders of the Secretary of Labor, or as otherwise provided by law.

3.3.6 The Contractor will include the provisions of Paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order 11246, as amended, so that such provisions will be binding upon each subcontractor or vendor. The Contractor will take such action with respect to any subcontract or purchase order as the contracting agency may direct as a means of enforcing such provisions, including sanctions for noncompliance; provided, however, that in the event the Contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the contracting agency, the Contractor may request the United States to enter into such litigation to protect the "interests of the United States."

3.4 Other Requirements

During the performance of this Contract, the Contractor also agrees as follows:

3.4.1 The Contractor certifies he/she will comply with where applicable, **46**

U.S.C. 1241(b) (1) and 46 CFR Part 381 impose cargo preference requirements on

3.4.2 The shipment of foreign made goods. The Contractor certifies he/she will comply with **Section 165** of the **Surface**

3.4.3 **Transportation Assistance Act of 1982, 49 U.S.C. 1601, Section 337** of the **Surface Transportation and Uniform Relocation Assistance Act of 1987**, and **49 CFR Parts 660 and 661** impose “Buy America” provisions on the procurement of foreign products and materials. The Contractor certifies he/she will comply with **Section 105(f)** of the **Surface Transportation Assistance Act of 1982, Section 106(c)** of the **Surface Transportation and Uniform Relocation Act of 1987**, and **49 CFR**

3.4.4 **Part 23** impose requirements for the participation of disadvantaged business enterprises.

3.4.5 The Contractor certifies he/she will comply with the **Copeland “Anti-Kickback” Act (18 U.S.C. 874)** as supplemented in Department of Labor regulations (**20 CFR Part 3**). (All contracts and sub-grants for construction or repair).

3.4.6 Compliance with **Sections 103 and 107** of the **Contract Work Hours and Safety Standards Act (40 U.S.C. 327 – 330)** as supplemented by the Department of Labor regulations (**29 CFR Part 5**).

3.4.7 Contractor certifies he/she will provide access to the Federal grantor agency, the Comptroller General of the United States, or any of their duly appointed representatives to any books, documents, papers, and records of the Contractor which are directly pertinent to the specific contract for the purpose of making audit, examination, excerpts, and transcriptions. Retention of all required records for three years after grantees or sub-grantees make final payment and all other pending matters are closed.

3.4.8 The Contractor certifies he/she will comply with all applicable standards, orders, or requirements issued under **Section 306 of the Clean Air Act**

(**42 U.S.C. 1857(h), Section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738**, and Environmental Protection Agency regulations (**40 CFR Part 15**).

3.4.9 The Contractor certifies he/she will comply with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the **Energy Policy and Conservation Act (Public Law 94-163)**.

3.5 SPIRIT AND INTENT

3.5.1 Examination of Site: Before submitting Proposals for the work, each Proposer shall be held to have examined the premises and satisfied himself as to the existing conditions under which he shall be pledged to operate or that in any manner shall affect the work. No allowance shall be made subsequently in this connection in behalf of the Contractor for any error or negligence on his part.

3.5.2 Temporary Suspension of Work: The Owner shall have the authority to suspend the work, wholly or in part, for such period as he may deem necessary, due to conditions which are considered unfavorable to the suitable carrying out of work, or for failure on the part of the Contractor to carry out instructions or to perform any provision of the agreement. The Contractor shall immediately respect the written order of the Owner to suspend the work wholly or in part. The Contractor shall not suspend work without such written authority, and shall immediately resume work when conditions are favorable or when methods have been corrected, as approved by the Owner in writing.

3.5.3 **Materials and Workmanship:** Workmanship and materials shall be prescribed by the Specifications and the Drawings. Whenever not explicitly described, all workmanship used or employed in carrying out the work shall be the best of the respective grades and qualities. Where equipment, materials, or articles are referred to in the Specifications as “equal to” any particular standard, the Owner shall decide the question of equality. When required by the Specifications the Contractor shall furnish for approval full information concerning the materials or articles which he contemplates incorporating in the work. Samples of materials shall be submitted for approval when so directed. Machinery, equipment, materials, and articles installed or used without such approval shall be at the risk of subsequent rejection. **City Rejection:** All materials which do not meet these Specifications or the requirements of the Contract Drawings shall be rejected by the Owner and shall be removed from the site and replaced by proper materials by the Contractor at his own expense.

3.5.4 The Contractor shall not proceed on any work unapproved by the Owner’s Representative.

3.5.5 The Contractor shall not proceed on any work that is unclear or incomplete on the plans or Specifications without the approval of the Owner’s Representative.

3.5.6 All critical stakeouts and form board approvals must be approved by the Owner.

3.5.7 **Other Contracts:** The Owner may undertake or award other contracts for additional work, and the Contractor shall fully cooperate with other such contractors, including the Owner or his employees and carefully fit his own work to such additional work as directed by the Owner. The Contractor shall not commit or permit any act, which will interfere with the performance of work by any other Contractor or employee of the Owner.

3.5.8 **Minor Modifications:** The Contractor shall make such minor changes in the execution of the work to be done under these Specifications which in the judgment of the Owner shall be necessary or expedient to carry out the intent of the Contract before or during the progress of the Contract. No increase over the Contract price shall be paid to the Contractor on account of such minor modifications. Work, which materially increases the cost to the Contractor, shall not be ordered under the provisions of this Paragraph.

3.5.9 **Contractor’s Responsibilities:** The Contractor shall give supervision to the work and have a responsible foreman continuously on the job to act for him. There shall be at least one person in a position of responsibility representing the Contractor, on site at all times, who is capable of translating from English to the language used by the workforce. The Contractor shall provide and maintain all temporary roadways and utilities which may be authorized and all barriers, colored lights, danger signals, and other devices necessary to provide for the traffic control and safety. The Contractor shall, at all times, be responsible for the safety and conduct of his employees. The Owner may in writing require the Contractor to remove from the work such employees as he deems incompetent, careless, insubordinate, or otherwise objectionable, or whose continued employment on the work is deemed to be contrary to the Owner’s interests. Contractor is responsible to coordinate with the Owner’s Representative to set up site stakeout reviews, mock-up approvals and other site meetings.

3.5.10 **Space for Storage of Construction Materials:** The Contractor shall provide suitable protection for material and equipment on the site and shall maintain all storage space in a safe and orderly condition. The Owner assumes no liability for loss or damage to materials or equipment due to improper storage, lack of protection from the elements, or from any other causes. Inflammable materials shall be enclosed in safe containers.

3.5.11 **Cleaning During Work:** The Contractor shall clean-up work and surrounding areas from all rubbish or objectionable matter during the course of the work. All mortar, cement and toxic material shall be removed

from the surface of the earth and not allowed to become mixed with the earth.

3.5.12 Contracts: Each portion of the work shall be performed by an organization equipped and experienced to do work in the particular field. Contracts shall be awarded only to parties satisfactory to the Owner.

3.5.13 Clean Up After Completion: Upon completion of the work, the ground shall be cleared of all debris, and all superfluous materials and all equipment shall be entirely removed from the premises to the satisfaction of the Owner.

3.5.14 Owner's Decisions. All the work under the Contract shall be completed to the satisfaction of the Owner or his authorized representative who shall in all cases determine the amount, quality, acceptability, and fitness of the several kinds of work and materials which are paid for hereunder, and shall decide all questions and the fulfillment of the conditions of this on the part of the Contractor. His determination and decision, in case any questions shall arise, shall be a condition precedent to the right of the Contractor to receive any payment hereunder.

3.5.15 Time for Completion: It is hereby understood and mutually agreed, by and between the Contractor and the Owner, that completion of the work in a timely manner is a prime condition of the Contract. The Contractor agrees that the work shall be prosecuted regularly, diligently, and uninterruptedly at such a rate of progress as to insure full completion as required in the Contract.

4.1 SUBMITTALS Supporting Data: With applications for payment covering unit price work submit substantiated measurement of quantity installed or executed.

4.2 PROTECTION

4.2.1 Existing Facilities: Protect adjacent walkways, loading docks, building entries, and other building facilities during demolition operations. Maintain exits from existing buildings.

4.2.2 Existing Utilities: Maintain utility services to remain and protect from damage during construction operations.

4.2.2.1 Do not interrupt existing utilities serving adjacent occupied or operating facilities unless authorized in writing by Owner and authorities having jurisdiction.

4.2.2.2 Provide temporary services during interruptions to existing utilities, as acceptable to Owner and authorities having jurisdiction.

4.2.2.3 Revise paragraph and subparagraphs below to suit Project. Delete if adequately covered in Division 01 Section "Temporary Facilities and Controls."

4.2.2.4 Temporary Protection: Erect temporary protection, such as walks, fences, railings, canopies, and covered passageways, where required by authorities having jurisdiction and as indicated.

4.2.2.5 Protect adjacent buildings and facilities from damage due to construction activities.

4.2.2.6 Protect existing site improvements, appurtenances, and landscaping to remain.

4.2.2.7 Erect a plainly visible fence around drip line of individual trees or around perimeter drip line of groups of trees to remain.

4.2.2.8 Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain.

4.2.2.9 Provide protection to ensure safe passage of people around construction area and to and from occupied portions of adjacent buildings and structures.

4.2.2.10 Protect walls, windows, roofs, and other adjacent exterior construction that are exposed to construction operations.

4.2.2.11 Remove temporary barriers and protections where hazards no longer exist. Where open excavations or other hazardous conditions remain, leave temporary barriers and protections in place.

4.3 DEMOLITION, GENERAL

Explosives: Use of explosives is not permitted.

4.4 DEMOLITION BY MECHANICAL MEANS Site Grading: Uniformly rough grade area of demolished construction to a smooth surface, free from irregular surface changes. Provide a smooth transition between adjacent existing grades and new grades

4.5 REPAIRS

Promptly repair damage to adjacent buildings caused by demolition operations.

4.6 DISPOSAL OF CONSTRUCTION MATERIALS Remove construction waste materials from Project site and legally dispose of them in an EPA-approved landfill acceptable to authorities having jurisdiction.

4.6.1 Do not allow construction materials to accumulate on-site.

4.6.2 Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas. Do not burn construction materials.

4.7 CLEANING Clean adjacent structures and improvements of dust, dirt, and debris caused by construction operations. Return adjacent areas to condition existing before construction operations began.

General Notes:

1. The contractor is responsible for calling for utility locations prior to the start of the project. It shall be the contractor's responsibility to coordinate his work with any utility owner who may be in conflict with his work. No claims will be considered for extra compensation.
2. Any item which must be removed during the construction work and is not specially called for shall be removed by the contractor. The cost shall be included in the bid. No claims will be considered for extra compensation.
3. All traffic control shall be provided by the contractor. The contractor will be responsible for coordinating with adjacent property owners to maintain adequate access.
4. The contractor will be responsible for protecting the hardscape from weather, traffic and vandalism during concrete curing. Any defects or defacement resulting from failure to protect the concrete will be

repaired at the contractor's expense.

5. It is the intent of this contract for the bid to include all labor, materials, equipment, tools, transportation, and supplies as required as necessary to complete the work in accordance with the plans, specifications as directed, and the terms of this contract.
6. Upon the completion of each project, any excess items which might be left over from the construction related work shall be removed and disposed of properly by the contractor. The cost for such removal and disposal of such items will be included in other unit price bid. No claims will be considered for extra compensation.
7. Under this scope, "Department", "Engineer", and "Resident Engineer" shall mean the "City of Dunwoody, Georgia, Parks and Recreation Director or City of Dunwoody, Georgia, Public Works Designee".
8. Working hours are limited to Monday through Friday, between 7:30 A.M. and 8:30 P.M. Weekend work is permissible with prior approval from the City. No work is permitted on city-observed holidays unless required to repair any Erosion and Sedimentation Control BMP's.
9. Contractor shall have all vehicles marked with their company name.
10. The contractor will conduct one contract pre-construction meeting at City Hall and monthly progress meetings on-site and other meetings as required.
11. The City of Dunwoody will not provide restroom facilities.
12. The Contract shall perform project housekeeping/clean-up on a daily basis. A 24-hour contact must be provided to the City of Dunwoody Public Works for all issues as needed in regards to the project for any safety, signage, erosion control, or other emergency as needed.

PROPOSAL SCHEDULE

PART FOUR – PROPOSAL SCHEDULE Brook Run Park Playground Resurfacing

Total Lump Sum Base Proposal: _____

Total Base Proposal in words: _____

GENERAL CONDITIONS

CITY OF DUNWOODY

DEPARTMENT OF FINANCE AND ADMINISTRATION - PURCHASING DIVISION

GENERAL INSTRUCTIONS FOR BIDDERS

These Instructions will apply unless a particular item is specifically addressed in the solicitation document.

1. PREPARATION OF BIDS:

- A. Each bidder shall examine the drawings, specifications, schedule and all instructions. Failure to do so will be at the bidder's risk, as the bidder will be held accountable for their bid response.

- B. Each bidder shall furnish all information required by the bid form or document. Each bidder shall sign the bid and print or type his or her name on the schedule. The person signing the bid must initial erasures or other changes. An authorized agent of the company must sign bids.

- C. Individuals, firms and businesses seeking an award of a City of Dunwoody contract may not initiate or continue any verbal or written communications regarding a solicitation with any City officer, elected official, employee or other City representative without the permission of Purchasing between the date of the issuance of the solicitation and the date of the final contract award. Violations will be reviewed by the Purchasing Manager. If determined that such communication has compromised the competitive process, the offer submitted by the individual, firm or business may be disqualified from consideration for award.

2. DELIVERY:

- A. Each bidder should state time of proposed delivery of goods or services.

- B. Words such as "immediate," "as soon as possible," etc. shall not be used. The known earliest date or the minimum number of calendar days required after receipt of order (delivery A.R.O.) shall be stated (if calendar days are used, include Saturday, Sunday and holidays in the number).

3. EXPLANATION TO BIDDERS:

Any explanation desired by a bidder regarding the meaning or interpretation of the invitation for bids, drawings, specifications, etc. must be requested by the question cutoff deadline stated in the solicitation in order for a reply to

reach all bidders before the close of bid. Any information given to a prospective bidder concerning an invitation for bid will be furnished to all prospective bidders as an addendum to the invitation if such information is necessary or if the lack of such information would be prejudicial to uninformed bidders. The written bid documents supersede any verbal or written communications between parties. Receipt of addendum should be acknowledged in the bid. Although Purchasing will make every effort to send any addendum to known bidders, it is the bidder's ultimate responsibility to ensure that they have all applicable addenda prior to bid submittal. This may be accomplished via contact with Purchasing prior to bid submittal.

4. SUBMISSION OF BIDS:

- A. Bids shall be enclosed in sealed envelopes, addressed to the City of Dunwoody Purchasing Office with the name of the bidder, the date and hour of opening and the invitation to bid number on the face of the envelope. Telegraphic/faxed bids will not be considered. Any addenda should be enclosed in the sealed envelopes as well.
- B. ADD/DEDUCT: Add or deduct amounts indicated on the outside of the envelope are allowed and will be applied to the lump sum amount. Amount shall be clearly stated and should be initialed by an authorized company representative.
- C. Samples of items, when required, must be submitted within the time specified and, unless otherwise specified by the City, at no expense to the City. Unless otherwise specified, samples will be returned at the bidder's request and expense if items are not destroyed by testing.
- D. Items offered must meet required specifications and must be of a quality, which will adequately serve the use and purpose for which intended.
- E. Full identification of each item bid upon, including brand name, model, catalog number, etc. must be furnished to identify exactly what the bidder is offering. Manufacturer's literature may be furnished.
- F. The bidder must certify that items to be furnished are new and that the quality has not deteriorated so as to impair its usefulness.
- G. Unsigned bids will not be considered except in cases where bid is enclosed with other documents, which have been signed. The City will determine this.
- H. The City of Dunwoody is exempt from federal excise tax and Georgia sales tax with regard to goods and services purchased directly by the City. Suppliers and contractors are responsible for federal excise tax and sales tax, including taxes for materials incorporated in City construction projects. Suppliers and contractors should contact the State of Georgia Sales Tax Division for additional information.

- I. Information submitted by a bidder in the bidding process shall be subject to disclosure after the public opening in accordance with the Georgia Open Records Act. Each page of proprietary information must be identified. Entire bid may not be deemed proprietary.

5. WITHDRAWAL OF BID DUE TO ERRORS:

- A. The bidder shall give notice in writing of his claim of right to withdraw his bid without penalty due to an error within two (2) business days after the conclusion of the bid opening procedure. Bids may be withdrawn from consideration if the price was substantially lower than the other bids due solely to a mistake therein, provided the bid was submitted in good faith, and the mistake was a clerical mistake as opposed to a judgment mistake, and was actually due to an unintentional arithmetic error or an unintentional omission of a quantity of work, labor or material made directly in the compilation of the bid, which unintentional arithmetic error or unintentional omission can be clearly shown by objective evidence drawn from inspection of original work papers, documents and material used in the preparation of the bid sought to be withdrawn. The bidder's original work papers shall be the sole acceptable evidence of error and mistake if he elects to withdraw his bid. If a bid is withdrawn under the authority of this provision, the lowest remaining responsive bid shall be deemed to be low bid.
- B. No bidder who is permitted to withdraw a bid shall, for compensation, supply any material or labor or perform any subcontract or other work agreement for the person or firm to whom the contract is awarded or otherwise benefit, directly or indirectly, from the performance of the project for which the withdrawn bid was submitted.
- C. Supplier has up to forty-eight (48) hours to notify Purchasing of an obvious clerical error made in calculation of bid in order to withdraw a bid after bid opening. Withdrawal of bid for this reason must be done in writing within the forty-eight (48) hour period. Suppliers who fail to request withdrawal of bid by the required forty-eight (48) hours shall automatically forfeit bid bond. Bid may not be withdrawn otherwise.
- D. Bid withdrawal is not automatically granted and will be allowed solely at the City of Dunwoody's discretion.

6. TESTING AND INSPECTION:

Contractor shall provide advanced notice to the City or its agent when testable items are installed. Testing will be paid by the City of Dunwoody. Since tests may require several days for completion, the City reserves the right to use a portion of any supplies before the results of the tests are determined. In addition to any applicable demolition and reconstruction costs, the costs of additional inspections and/or tests of any item that fails to meet the specifications, shall be borne by the bidder.

7. F.O.B. POINT:

Unless otherwise stated in the invitation to bid and any resulting contract, or unless qualified by the bidder, items shall be shipped F.O.B. Destination. The seller shall retain title for the risk of transportation, including the filing for loss or damages. The invoice covering the items is not payable until items are delivered and the contract of carriage has been completed. Unless the F.O.B. clause states otherwise, the seller assumes transportation and related charges either by payment or allowance.

8. PATENT INDEMNITY:

The contractor guarantees to hold the City, its agents, officers or employees harmless from liability of any nature or kind for use of any copyrighted or uncopyrighted composition, secret process, patented or unpatented invention, articles or appliances furnished or used in the performance of the contract, for which the contractor is not the patentee, assignee or licensee.

9. DISCOUNTS:

In connection with any discount offered, time will be computed from the date of delivery and acceptance at destination, or from the date correct invoice or voucher is received, whichever is the later date. Payment is deemed to be made for the purpose of earning the discount, on the date of the City check.

10. AWARD:

- A. Award will be made to the lowest responsive and responsible bidder. The quality of the articles to be supplied, their conformity with the specifications, their suitability to the requirements of the City, and the delivery terms will be taken into consideration in making the award. The City may make such investigations as it deems necessary to determine the ability of the bidder to perform, and the bidder shall furnish to the City all such information and data for this purpose as the City may request. The City reserves the right to reject any bid if the evidence submitted by, or investigation of such bidder fails to satisfy the City that such bidder is properly qualified to carry out the obligations of the contract.
- B. The City reserves the right to reject or accept any or all bids and to waive technicalities, informalities and minor irregularities in bids received.
- C. The City reserves the right to make an award as deemed in its best interest, which may include awarding a bid to a single bidder or multiple bidders; or to award the whole bid, only part of the bid, or none of the bid to single or multiple bidders, based on its sole discretion of its best interest.

11. DELIVERY FAILURES:

Failure of a contractor to deliver within the time specified or within reasonable time as interpreted by the Purchasing Manager, or failure to make replacement of rejected articles/services when so requested, immediately or as directed by the Purchasing Manager, shall constitute authority for the Purchasing Manager to purchase in the open market articles/services of comparable grade to replace the articles/services rejected or not delivered. On all such purchases, the contractor shall reimburse the City within a reasonable time specified by the Purchasing Manager for any expense incurred in excess of contract prices, or the City shall have the right to deduct such amount from monies owed the defaulting contractor. Alternatively, the City may penalize the contractor one percent (1%) per day for a period of up to ten (10) days for each day that delivery or replacement is late. Should public necessity demand it, the City reserves the right to use or consume articles delivered which are substandard in quality, subject to an adjustment in price to be determined by the Purchasing Manager.

12. CITY FURNISHED PROPERTY:

No material, labor or facilities will be furnished by the City unless so provided in the invitation to bid.

13. REJECTION AND WITHDRAWAL OF BIDS:

Failure to observe any of the instructions or conditions in this invitation to bid may constitute grounds for rejection of bid.

14. CONTRACT:

- A. Each bid is received with the understanding that the acceptance in writing by the City of the offer to furnish any or all of the commodities or services described therein shall constitute a contract between the bidder and the City which shall bind the bidder on his part to furnish and deliver the articles quoted at the prices stated in accordance with the conditions of said accepted bid. The City, on its part, may order from such contractor, except for cause beyond reasonable control, and to pay for, at the agreed prices, all articles specified and delivered.

- B. It is understood that the bidder has reviewed the contract documents with the understanding that the City of Dunwoody requires that all agreements between the parties must be entered into via this document. If any exceptions are taken to any part, each must be stated in detail and submitted as part of the bid. If no exceptions are stated, it is assumed that the bidder fully agrees to the provisions contained in the "Sample Contract" in its entirety. Examples of the City's Standard Contracts and General Conditions are available on the City website.

- C. When the contractor has performed in accordance with the provisions of this agreement, the City of Dunwoody shall pay to the contractor, within thirty (30) days of receipt of any department approved payment request and based upon work completed or service provided pursuant to the contract, the sum so requested, less the retainage stated in this agreement, if any.

15. NON-COLLUSION:

Bidder declares that the bid is not made in connection with any other bidder submitting a bid for the same commodity or commodities, and that the bid is bona fide and is in all respects fair and without collusion or fraud. An affidavit of non-collusion shall be executed by each bidder. Collusion and fraud in bid preparation shall be reported to the State of Georgia Attorney General and the United States Justice Department.

16. DEFAULT:

The contract may be canceled or annulled by the Purchasing Manager in whole or in part by written notice of default to the contractor upon non-performance or violation of contract terms. An award may be made to the next low responsive and responsible bidder, or articles specified may be purchased on the open market similar to those so

terminated. In either event, the defaulting contractor (or his surety) shall be liable to the City for costs to the City in excess of the defaulted contract prices; provided, however, that the contractor shall continue the performance of this contract to the extent not terminated under the provisions of this clause. Failure of the contractor to deliver materials or services within the time stipulated on his bid, unless extended in writing by the Purchasing Manager, shall constitute contract default.

17. TERMINATION FOR CAUSE:

The City may terminate this agreement for cause upon ten days prior written notice to the contractor of the contractor's default in the performance of any term of this agreement. Such termination shall be without prejudice to any of the City's rights or remedies by law.

18. TERMINATION FOR CONVENIENCE:

The City may terminate this agreement for its convenience at any time upon 30 days written notice to the contractor. In the event of the City's termination of this agreement for convenience, the contractor will be paid for those services actually performed. Partially completed performance of the agreement will be compensated based upon a signed statement of completion to be submitted by the contractor, which shall itemize each element of performance.

19. DISPUTES:

Except as otherwise provided in the contract documents, any dispute concerning a question of fact arising under the contract which is not disposed of shall be decided after a hearing by the Purchasing Manager, who shall reduce his/her decision to writing and mail or otherwise furnish a copy thereof to the contractor. The decision of the Purchasing Manager shall be final and binding; however, the contractor shall have the right to appeal said decision to a court of competent jurisdiction.

20. SUBSTITUTIONS:

Bidders offering and quoting on substitutions or who are deviating from the attached specifications shall list such deviations on a separate sheet to be submitted with their bid. The absence of such a substitution list shall indicate that the bidder has taken no exception to the specifications contained herein.

21. INELIGIBLE BIDDERS:

The City may choose not to accept the bid of a bidder who is in default on the payment of taxes, licenses or other monies due to the City. Failure to respond to three (3) consecutive times for any given commodity/service may result in removal from the supplier list under that commodity/service.

22. BUSINESS LICENSE:

Each successful bidder shall provide evidence of a valid City of Dunwoody business license if the bidder maintains an office within the City of Dunwoody. Unincorporated, out of City, and out of State bidders are required to provide evidence of a certificate to do business in any town, County or municipality in the State of Georgia, or as otherwise required by City ordinance or resolution.

23. ALTERATIONS OF SOLICITATION AND ASSOCIATED DOCUMENTS:

Alterations of City documents are strictly prohibited and will result in automatic disqualification of the firm's solicitation response. If there are "exceptions" or comments to any of the solicitation requirements or other language, then the firm may make notes to those areas, but may not materially alter any document language.

24. TAX LIABILITY:

Local and state governmental entities must notify contractors of their use tax liability on public works projects. Under Georgia law, private contractors are responsible for paying a use tax equal to the sales tax rate on material and equipment purchased under a governmental exemption that is incorporated into a government construction project: excluding material and equipment provided for the installation, repair, or expansion of a public water, gas or sewer system when the property is installed for general distribution purposes. To the extent the tangible personal property maintains its character (for example the installation of a kitchen stove), it remains tax-exempt. However, if the installation incorporates the tangible personal property into realty, e.g., the installation of sheetrock, it becomes taxable to the private contractor.

See O.C.G.A. 48-8-3(2) and O.C.G.A. 48-8-63

25. GENERAL CONTRACTORS LICENSE:

All General Contractors must have a current valid license from the State Licensing Board for Residential and General Contractors, unless specifically exempted from holding such license pursuant to Georgia law (O.C.G.A. Section 43-41-17).

26. INDEMNIFICATION:

To the fullest extent permitted by law, the Contractor shall, at his sole cost and expense, indemnify, defend, satisfy all judgments, and hold harmless the City, the engineer, and their agents and employees from and against all claims, damages, actions, judgments, costs, penalties, liabilities, losses and expenses, including, but not limited to, attorney's fees arising out of or resulting from the performance of the work, provided that any such claim, damage, action, judgment, cost, penalty, liability, loss or expense (1) is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the work itself) including the loss of use resulting therefrom, and (2) is caused in whole or in part by any act or omission of the Contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless whether such claim is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge or otherwise reduce any of the rights or obligations of indemnity which would otherwise exist as to any party or person described in this agreement. In any and all claims against the City, the engineer, or any of their agents or employees by any employee of the Contractor, any subcontractor, anyone directly or indirectly employed

by any of them, or anyone for whose acts any of them may be liable, the indemnification obligation contained herein shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the Contractor or any subcontractor under Worker's Compensation Acts, disability benefit acts, or other employee benefit acts.

27. ENVIRONMENTAL SUSTAINABILITY

The City of Dunwoody is committed to environmental sustainability. The City believes we have a unique opportunity to further expand our leadership in the area of environmentally preferable purchasing, and through our actions, elicit changes in the marketplace. By further incorporating environmental considerations into public purchasing, the City of Dunwoody will positively impact human health and the environment, remove unnecessary hazards from its operations, reduce costs and liabilities, and improve the environmental quality of the region. As such the City encourages the incorporation of environmental sustainability into proposals.

28. AFFIDAVIT AND AGREEMENT FOR PHYSICAL PERFORMANCE OF SERVICES AS DEFINED BY O.C.G.A. 13-10-90

When applicable, awarded vendor will be required to submit a City supplied Affidavit and Agreement (sample on City website) in accordance with O.C.G.A. 13-10-90 as part of the contract execution process.

29. AFFIDAVIT VERIFYING STATUS FOR CITY PUBLIC BENEFIT APPLICATION

Awarded vendor will be required to submit an Affidavit Verifying Status for City Public Benefit Application (sample on City website) in accordance with O.C.G.A. 50-36-1 as part of the contract execution process.

DIRECTIONS TO DUNWOODY CITY HALL

From I-285 take Exit 29 (Ashford-Dunwoody Rd.) and turn North. Turn left onto Ashford Gables Dr. The entrance to the parking lot for 4800 Ashford Dunwoody Rd. will be on the right. The City of Dunwoody offices are on the second floor.

ITB 19-02 ADDENDUM 1

QUESTIONS & ANSWERS

Does the City have any 2D drawings of the Playground showing the manufactures CFH or deck heights?
[attached](#)

Has this or a similar repair ever been done before on this site and if so who was it awarded to previously? [No](#)

What Permits might the city require for this project? [none](#)

CHILDREN'S ADVENTURE GARDEN AT BROOK RUN PARK SITE DEVELOPMENT DOCUMENTS

GENERAL NOTES:

SCOPE OF WORK

1. CONSTRUCTION INCLUDES THE IMPLEMENTATION OF THE FOLLOWING:

- | | |
|---------------------------------|---|
| TREE PROTECTION | RETAINING WALLS |
| EROSION AND SEDIMENT CONTROL | SEAT WALLS |
| CLEARING AND GRUBBING | ASPHALT PAVEMENT |
| SITE AND BUILDING ROUGH GRADING | AND ALL ASSOCIATED WORK DESCRIBED IN THESE DRAWINGS AND SPECIFICATIONS. |
| STORM DRAINAGE | |
| SANITARY SEWER | |
| DOMESTIC WATER LINES | |
| CURB AND GUTTER | |

- THE ROUGH GRADING FOR THE BUILDING PADS INCLUDES MEETING COMPACTION REQUIREMENTS SPECIFIED BY THE OWNERS' GEO-TECHNICAL TESTING ENGINEER.
- DUE TO THE MORATORIUM ON BURNING, ALL ORGANIC AND NON-ORGANIC MATERIAL GENERATED BY STRIPPING AND DEMOLITION OPERATIONS IN PHASE ONE, SHALL BE HAULED OFF SITE FOR DISPOSAL, AND/OR CHIPPED. ALL TIMBER THAT CAN BE CHIPPED SHALL BE UTILIZED FOR EROSION CONTROL. SEE SHEET C-6.
- SUBMIT TO THE OWNER AN AS-BUILT TOPOGRAPHIC SURVEY OF ALL OF THE ELEMENTS; I.E. ROADS, WALLS, PARKING LOTS, ETC. COMPLETED IN THIS PHASE.

EXISTING CONDITIONS

- ALL DIMENSIONS AND DETAILS OF EXISTING WORK INDICATED ON THE DRAWINGS SHALL BE FIELD MEASURED AND VERIFIED BEFORE PROCEEDING. FIELD CHECKING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. IMMEDIATELY REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE.
- CONTRACTOR IS CAUTIONED OF THE EXISTENCE OF UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING, AT NO COST TO THE OWNER, ANY AND ALL DAMAGES TO STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF WORK UNDER THIS CONTRACTOR SHALL CALL UTILITIES PROTECTION CENTER, 1-800-282-7411, FOR FIELD LOCATING UTILITIES PRIOR TO CONSTRUCTION.
- NOTIFY DEKALB COUNTY DEVELOPMENT INSPECTIONS (404-374-2117) AND DEKALB COUNTY ENVIRONMENTAL INSPECTIONS (404-374-4913), 24 HOURS BEFORE BEGINNING OF EVERY PHASE OF CONSTRUCTION.
- NO CERTIFICATE OF OCCUPANCY WILL BE ISSUED UNTIL ALL SITE IMPROVEMENTS HAVE BEEN COMPLETED.
- HIGH INTENSITY LIGHTING FACILITIES SHALL BE SO ARRANGED THAT THE SOURCE OF ANY LIGHT IS CONCEALED FROM PUBLIC VIEW AND FROM ADJACENT RESIDENTIAL PROPERTY AND DOES NOT INTERFERE WITH TRAFFIC.
- ALL BUFFERS AND TREE SAVE AREAS SHALL BE CLEARLY IDENTIFIED BY FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.
- ALL CONSTRUCTION TO COMPLY WITH DEKALB COUNTY STANDARDS.
- THE AREA OF THE PROJECT PROPERTY IS APPROXIMATELY 6.0 ACRES.

SOIL EROSION AND SEDIMENT CONTROL MEASURES

- THE SOIL AND SEDIMENT CONTROL MEASURES AND DETAILS SHOWN HEREON AND STIPULATED IN THE 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA' AND THE 'DEKALB COUNTY SOIL EROSION AND SEDIMENT CONTROL ORDINANCE' SHALL BE FOLLOWED AND INSTALLED IN A MANNER SO AS TO MINIMIZE SEDIMENT LEAVING THE SITE.
- THE CONTRACTOR WILL BE REQUIRED TO INCORPORATE ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES INTO THE PROJECT AT THE EARLIEST PRACTICABLE TIME DURING CONSTRUCTION. THE EROSION CONTROL MEASURE DETAILED HEREON SHALL BE CONTINUED UNTIL THE PERMANENT DRAINAGE FACILITIES HAVE BEEN CONSTRUCTED AND UNTIL ALL DISTURBED AREAS HAVE BEEN REESTABLISHED SO AS TO ESTABLISH AN EFFECTIVE EROSION DETERRENT. ALL COLLECTED SEDIMENT REMOVED FROM IMPOUNDMENT AREAS SHALL BE EVENLY DISTRIBUTED AND PERMANENTLY ESTABLISHED.
- THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.
- SEDIMENT STORAGE MAINTENANCE INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE 1/3 FULL VOLUME.
- TEMPORARY AND PERMANENT VEGETATIVE COVER SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS CHAPTER 6, SECTION III OF THE MANUAL DESCRIBED IN NOTE NO. 1 ABOVE.
- MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PROPERTY OWNER.

DEKALB COUNTY

- THE LOCATIONS OF ALL BUILDINGS FROM PROPERTY LINES AND OTHER BUILDINGS SHALL COMPLY WITH THE HEIGHT AND AREA LIMITATIONS OF TABLE 500 AND THE FIRE RESISTIVE REQUIREMENTS OF TABLE 600 OF THE 1994 STANDARD BUILDING CODE WITH 2000 STATE OF GEORGIA AMENDMENTS BASED ON OCCUPANCY GROUP CLASSIFICATIONS AND TYPES OF CONSTRUCTION.
- DEKALB COUNTY ASSUMES NO RESPONSIBILITY FOR OVERFLOW OR EROSION OF NATURAL OR ARTIFICIAL DRAINS BEYOND THE EXTENT OF THE STREET RIGHT-OF-WAY, OR FOR THE EXTENSION OF CULVERTS BEYOND THE POINT SHOWN ON THE APPROVED AND RECORDED PLAN. DEKALB COUNTY DOES NOT ASSUME THE RESPONSIBILITY FOR THE MAINTENANCE OF PIPES IN DRAINAGE EASEMENTS BEYOND THE COUNTY RIGHT-OF-WAY.
- MAXIMUM CUT OR FILL SLOPES IS 2H:1V
- MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICE, WHETHER TEMPORARY OR PERMANENT SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE CONTRACTOR.
- THE SOIL EROSION AND SEDIMENT CONTROL ORDINANCE REQUIRES THAT A 75 FOOT BUFFER ADJACENT TO ALL STATE WATERS BE MAINTAINED (ARTICLE 4, SECTION 4.3, PARAGRAPH 15). AN EXCEPTION IS GRANTED TO HOMEOWNERS WHO PERFORM MINOR LAND DISTURBING ACTIVITIES SUCH AS HOME LANDSCAPING, HOME GARDENS, REPAIRS AND MAINTENANCE WORK (ARTICLE 3, SECTION 3.1, PARAGRAPH).
- APPROVAL OF THESE PLANS DOES NOT CONSTITUTE APPROVAL BY DEKALB COUNTY OF ANY LAND DISTURBING ACTIVITIES WITHIN WETLAND AREAS. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO CONTACT THE APPROPRIATE REGULATORY AGENCY FOR APPROVAL OF ANY WETLAND AREA DISTURBANCE

*** IMPORTANT NOTICE ***

4770 NORTH PEACHTREE ROAD
DUNWOODY, GEORGIA 30338
18TH DISTRICT, LAND LOTS 353 AND 354, DEKALB COUNTY, GA
F.I.R.M. PANEL 130065 0002 F
ALTAMIRA PROJECT NO. 23141
MAY 27, 2004

VPR

NO LAND DISTURBANCE ACTIVITY PRIOR TO
INSTALLATION OF PROTECTIVE MEASURES,
AND NOTIFICATION OF ENVIRONMENTAL
LAND DEVELOPMENT, CONTRACT 371-2365
OR 371-4913

TOTAL SITE AREA = 6.0 ACRES
TOTAL DISTURBED AREA = 3.3 ACRES
NPDES FEE REQUIREMENT: 3.3(\$40) = \$140
TO BE PAID TO DEKALB COUNTY
EPD FEE REQUIREMENT: 3.3(\$40) = \$140
TO BE PAID TO EPD.
PERMIT GAR 100001 FOR STAND ALONE PROJECT.

OWNER/ DEVELOPER:

DEKALB COUNTY
PARKS AND RECREATION
3681 CHESTNUT STREET
SCOTTSDALE, GA 30079
CONTACT:
GARY DALTON
404-501-9468

DESIGNER:

24 HOUR CONTACT FOR
EROSION CONTROL
EMERGENCIES

ALTAMIRA DESIGN & COMMON SENSE
MARTI WATTS
591 N. HIGHLAND AVE, NE
ATLANTA, GEORGIA 30307
404-688-4454, EXTENSION 24

R.L. BROWN & ASSOCIATES
ARCHITECTS
250 EAST PONCE DE LEON AVENUE
DECATUR, GEORGIA
404.377.2460

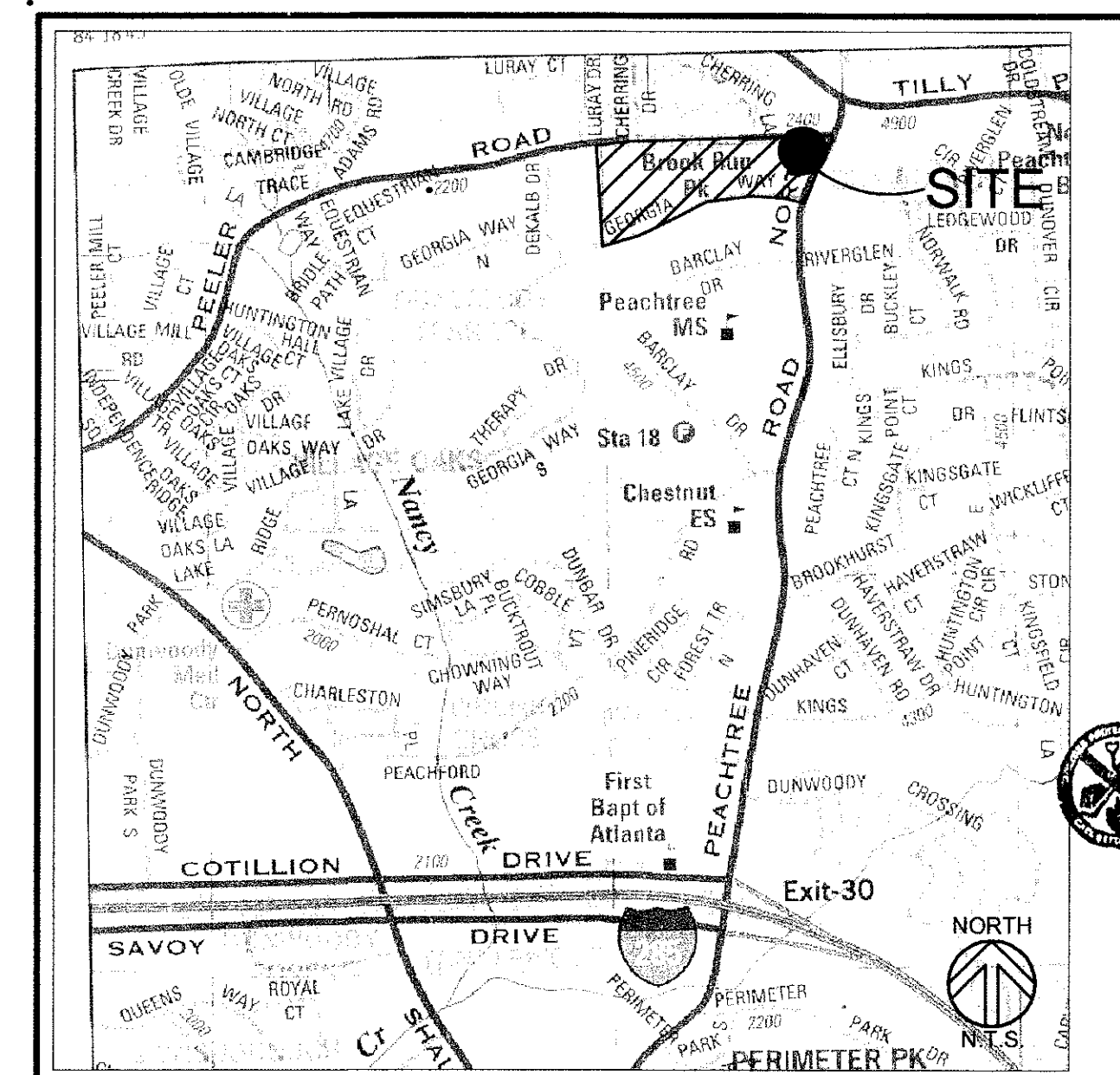
APPROVAL OF THESE PLANS DOES NOT CONSTITUTE
APPROVAL BY DEKALB COUNTY OF ANY LAND
DISTURBING ACTIVITIES WITHIN WETLAND AREAS.
IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER
TO CONTACT THE APPROPRIATE REGULATORY AGENCY
FOR APPROVAL OF ANY WETLAND AREA DISTURBANCE.

NOTICE
PRIOR TO CONSTRUCTION OF WATER
MAINS AND SANITARY SEWER LINES
FINAL DESIGN APPROVAL MUST BE
OBTAINED AT WATER & SEWER DEPT
1580 ROADHAVEN DR 621-7200

The Local Fire Official having jurisdiction has
reviewed and approved a set of documents
identical to this set of documents on _____ Date

A Construction Permit will be issued to the Contractor
at the start of construction.
(Signed) _____ Architect

SITE LOCATION MAP:



DEKALB COUNTY DEVELOPMENT
DEPARTMENT IS NOT RESPONSIBLE FOR ANY
ERRORS OR OMISSIONS RELATED TO ENGINEER
DESIGN OR DEKALB COUNTY REQUIREMENTS
WITHIN THE DESIGN OF THIS PROJECT.

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| C - 0.1 | SURVEY - FOR INFORMATION ONLY |
| C - 1.0 | SITE PLAN |
| C - 2.0 | TREE PROTECTION PLAN |
| C - 3.0 | DEMOLITION PLAN |
| C - 4.0 | STAKING PLAN |
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| E - 1.1 | ELECTRICAL |

IT'S THE LAW!
CALL BEFORE YOU DIG 800-282-7411
UTILITIES PROTECTION CENTER
72 HOURS NOTICE REQUIRED

NOTICE
PRIOR TO CONSTRUCTION OF ANY UTILITY FACILITIES WITHIN THE RIGHT-OF-WAY OF ANY COUNTY MAINTAINED ROADWAY A PERMIT MUST BE OBTAINED FROM ROADS & DRAINAGE DEPARTMENT, 4905 MEMORIAL DRIVE, DECATUR, GEORGIA 30032. CONTACT THE UTILITY COORDINATOR 404-508-3622.

PERMIT NOTES:

"I CERTIFY THAT THE PERMITEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. 1000... (1, 2, or 3).

"I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY DIRECT SUPERVISION."

INSPECTIONS BY A QUALIFIED PERSONNEL PROVIDED BY THE PRIMARY PERMITEE AND THE ASSOCIATED RECORDS SHALL BE KEPT ON SITE IN COMPLIANCE WITH GAR 1000... (1, 2 or 3).



Retention facilities, erosion and siltation control devices must be installed prior to start of other construction and maintained until permanent ground cover is established.

FIRE MAINS TO BE NO LESS THAN 8"
LARGER MAINS MAY BE NECESSARY.
ALL HYDRANTS MUST BE UNDER WATER
PRESSURE BEFORE CONSTRUCTION BEGINS.
HYDRANT CONNECTIONS SHALL BE NOT LESS THAN 18" NOR MORE THAN 36"
ABOVE FINISHED GRADE.
HYDRANT STEAMER CONNECTIONS MUST FACE STREET OR FIRE LANE.
HARD SURFACE ACCESSIBILITY FOR FIRE FIGHTING APPARATUS MUST BE PROVIDED BEFORE CONSTRUCTION BEGINS AND MUST BE MAINTAINED DURING CONSTRUCTION

file -> 04055N01

DP -> 05016

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Land Planning • Landscape Architecture • Urban Design
591 N. Highland Avenue, NE Atlanta, Georgia 30307 404-688-4454



IF YOU DIG GEORGIA...
CALL US FIRST!
1-800-282-7441
UTILITIES PROTECTION CENTER
IT'S THE LAW

Legend & Abbreviations

- | | | | |
|--------|-------------------------------------|------|------------------------|
| N | North | UG | Under Ground |
| S | South | ET | Electric Transformer |
| E | East | BL | Building Line |
| W | West | CONC | Concrete |
| D | Degree | SSMH | Sanitary Sewer Manhole |
| ' | Feet or Minute | CB | Catch Basin |
| " | Inch or Seconds | CI | Curb Inlet |
| R | Recorded | DI | Drop Inlet |
| M | Measured | YI | Yard Inlet |
| DB | Deed Book | AD | Area Drain |
| PB | Plot Book | HW | Headwall |
| PG | Page | WM | Water Meter |
| POB | Point Of Beginning | GM | Gas Meter |
| POC | Point Of Commencement | TEL | Telephone Pedestal |
| IPF | Iron Pin Found | FO | Fiber Optic |
| IP | Iron Pin Set (1/2" RB unless noted) | | |
| OT | Open Top Pipe | ⊕ | Fire Hydrant |
| CTP | Crimp Top Pipe | ⊕ | Power Pole |
| RB | Rebar | ⊕ | Light Pole |
| L.L.L. | Land Lot Line | ⊕ | Gas Valve |
| LL | Land Lot | ⊕ | Storm Manhole |
| R/W | Right of Way | ⊕ | SSMH |
| OH | Overhang | ⊕ | Handicap |
| WF | Wood Fence | ⊕ | Water Valve |
| CLF | Chain Link Fence | | |
| SW | Sidewalk | | |
| ESMT | Easement | | |
| C&G | Curb & Gutter | | |
- TREES
 (SIZE) 12" (TYPE)

Tree Legend

- | | | | |
|---|-------------|-----|-----------|
| A | ASH | PN | PECAN |
| P | PINE | CP | CEDAR |
| M | MAPLE | PO | POPLAR |
| O | OAK | DW | DOG WOOD |
| C | CHERRY | SE | SWEET GUM |
| H | HICKORY | PR | PEAR |
| F | FRINGE TREE | BE | BEECH |
| B | BIRCH | HL | HOLL |
| E | ELM | PC | PERSIMMON |
| S | SOURWOOD | MAG | MAGNOLIA |

Survey Notes

A Topcon GTS-313 (Total Station), Topcon Traversing Equipment, a 200 foot tape were used to obtain the angular and linear measurements for this survey.

The field data upon which this plat is based has a closure precision of one foot in 81,000, an angular error of 3 seconds per angle point, and was adjusted using Compass Rule.

Vertical datum is based on NAVD (88) and Horizontal datum is based on NAD 1983 state plane coordinates Georgia West 1002. All contours are 1 foot.

Vertical and Horizontal datum is tied to the DeKalb county monuments 5010, 5014, & 1058.

Utility Notes

The location of Utilities shown hereon are from observed evidence of above ground appurtenances only. The surveyor was not provided with underground plans or surface ground markings to determine the location of any subterranean uses.

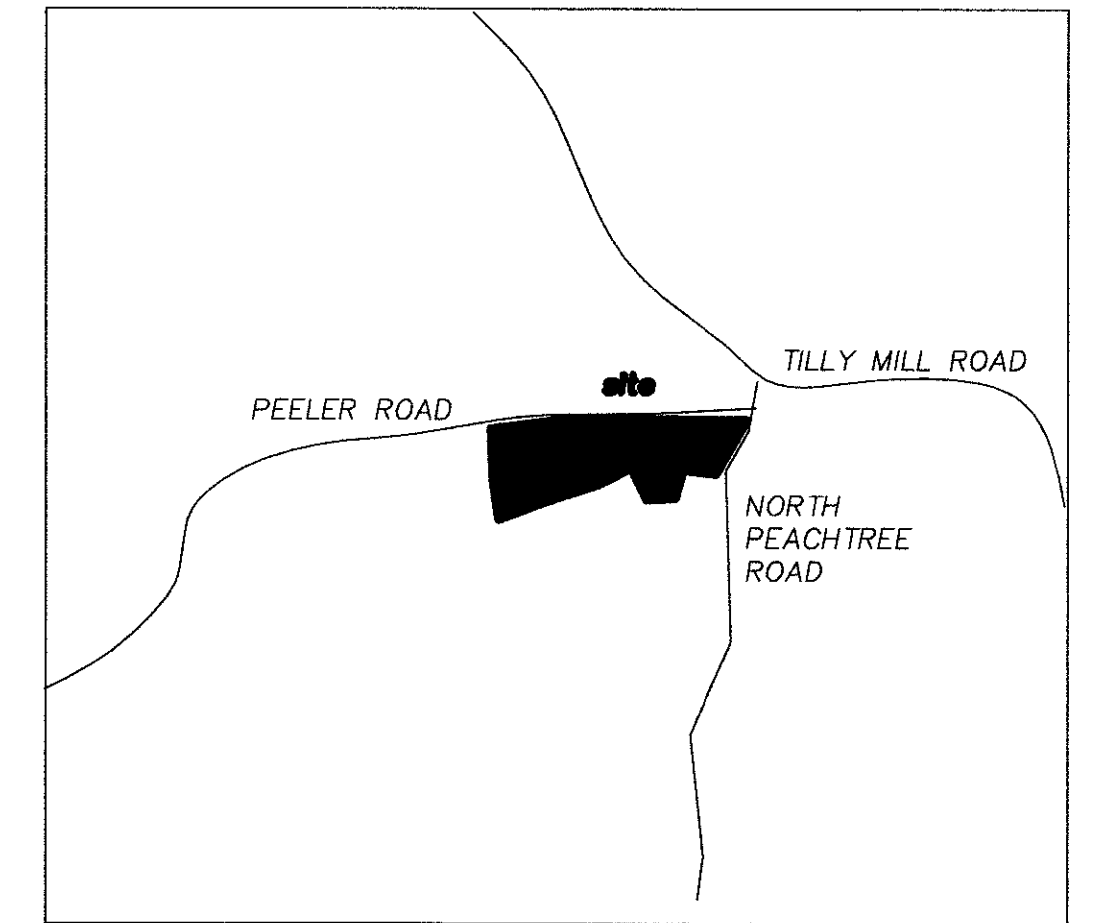
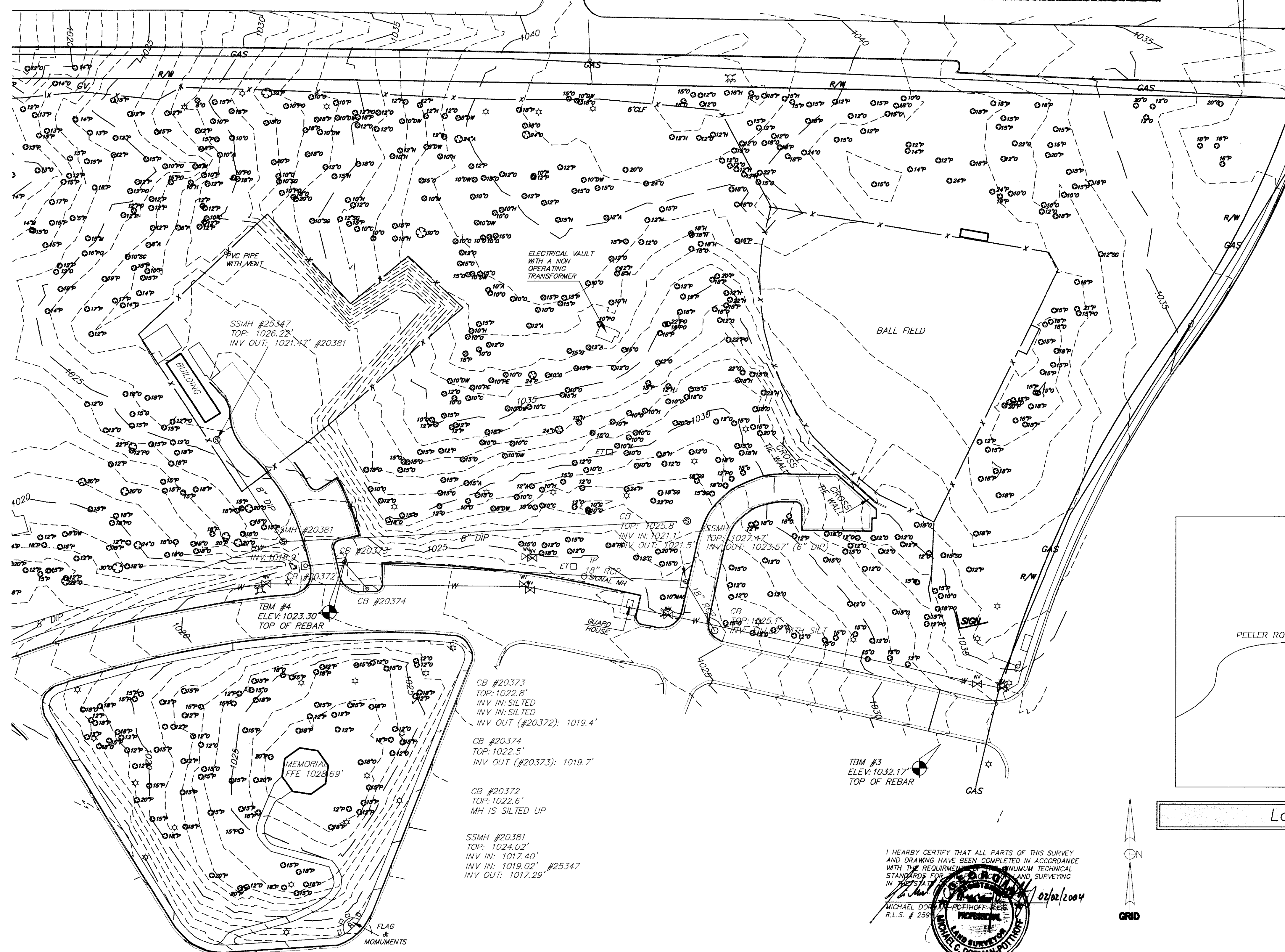
Before digging in this area, call utility locators at 1-800-282-7411 for field locations (request for ground markings) of underground utility lines.

DO NOT BEGIN CONSTRUCTION
BEFORE NOTIFYING DEKALB CO. INSPECTIONS-TEL. 371-2117

TBM #11
ELEV: 1032.81'
TOP OF REBAR

DEKALB COUNTY
APPROVED FOR
CONSTRUCTION

DATE: 1/31
DEKALB COUNTY STANDARDS SHALL PREVAIL OVER ANY VARIATIONS ON CONSTRUCTION PLANS FROM COUNTY STANDARDS. WHEN CONDUCTIONS IN THE FIELD INDICATE THAT ADDITIONAL SITUATION OR POSITION CONTROL IS REQUIRED IT SHALL BE INSTALLED AS DIRECTED BY THE SURVEYOR. GROUND COVER SHALL BE RESTORED ON ALL GRADED AREAS IMMEDIATELY UPON COMPLETION OF GRADING.
DI #25642
TOP: 1032.8'



Location Map

I HEREBY CERTIFY THAT ALL PARTS OF THIS SURVEY AND DRAWING HAVE BEEN COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MINIMUM TECHNICAL STANDARDS FOR SURVEYING AND SURVEYING IN GEORGIA.
MICHAEL DORRAN, PROFESSIONAL SURVEYOR
R.L.S. # 259
02/02/2004

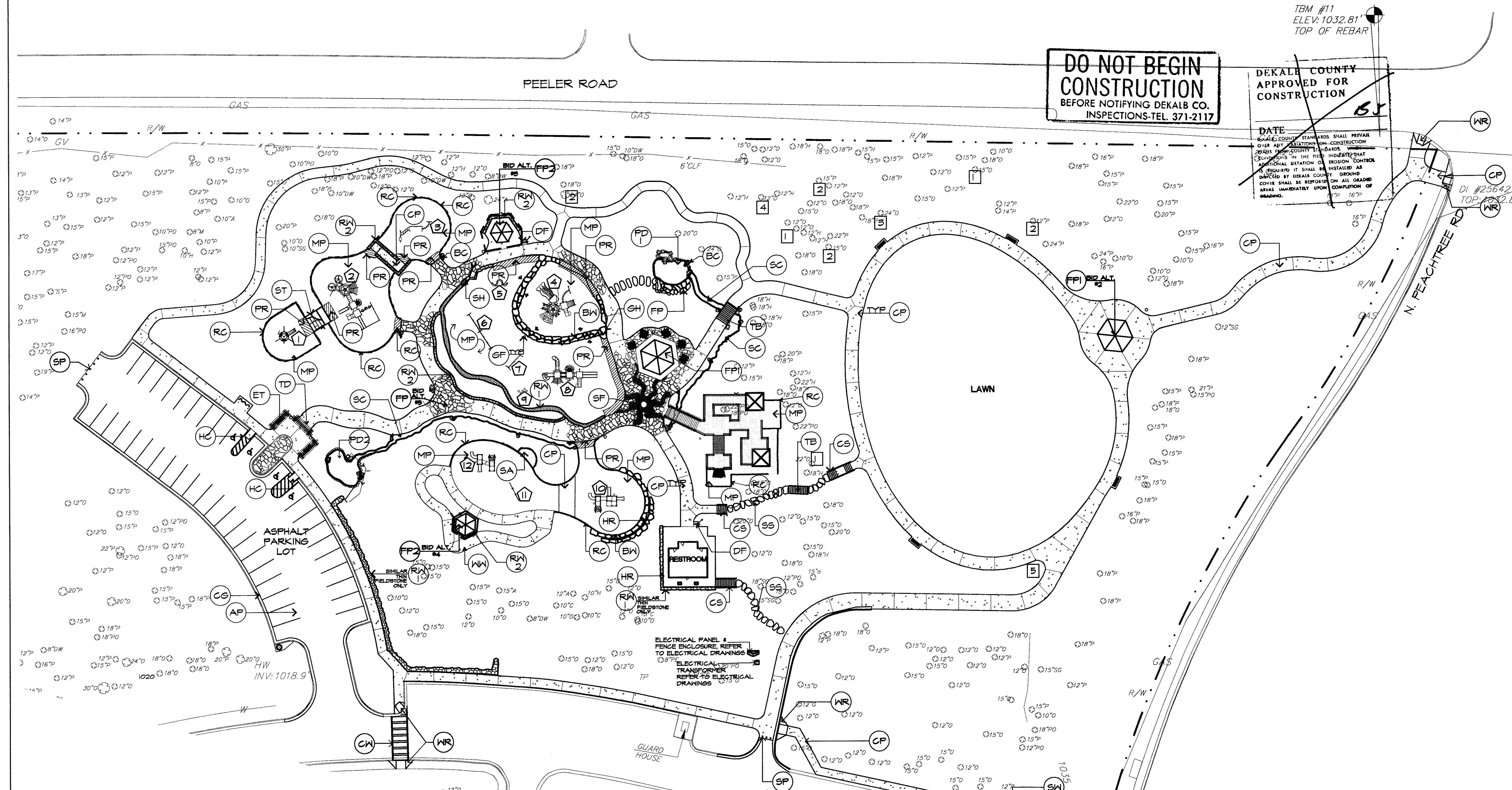
SCALE: 1" = 40'

Moreland Altobelli Associates, Inc.
Engineering Planning Landscape Architecture Land Acquisition Surveying
2211 BEAVER RUIN ROAD
Suite 190
Norcross, Georgia 30071 770/263-5945

REVISIONS		INFORMATION	LOCATION
DATE	DESCRIPTION	JOB NUMBER: 03259	DISTRICT: 18TH
7-29-03	ADDRESSED COUNTY COMMENTS	SURVEY DATE: 07-23-03	LAND LOT: 353 354
12-15-03	ADDRESSED COUNTY COMMENTS	FIELD WORK DATE: 03-21-03	SECTION:
		HORIZONTAL SCALE: 1" = 40'	COUNTY: DeKALB
		VERTICAL SCALE:	CITY:
		DRAWN BY: Warren Grey Hunter	TAX PARCEL ID:
		CHECKED BY: MDP	SUBDIVISION:
			DEED BOOK / PG :
			PLAT BOOK / PG :
		PAGE 3 OF 3	

SURVEY FOR:
DeKALB COUNTY
PARKS & RECS

FOR
BROOK RUN PARK

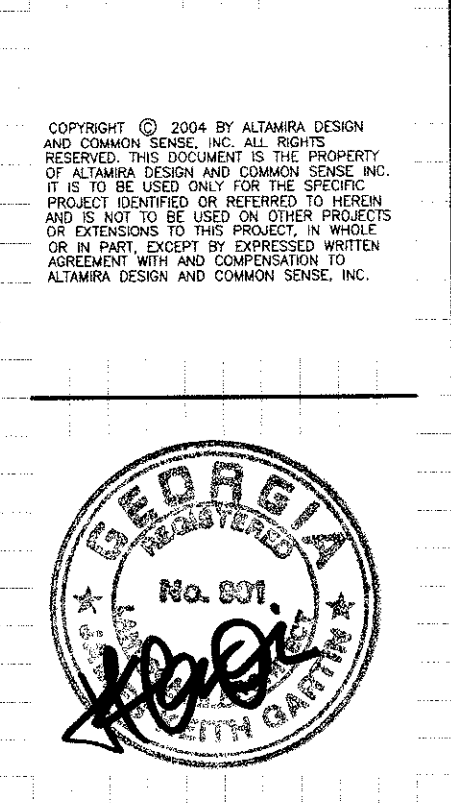


DO NOT BEGIN CONSTRUCTION
BEFORE NOTIFYING DEKALB CO.
INSPECTIONS-TEL. 371-2117

TBM #11
ELEV: 1032.81'
TOP OF REBAR

DEKALB COUNTY
APPROVED FOR
CONSTRUCTION

DATE: _____
STANDARDS SHALL PREVAIL OVER ANY LOCAL STANDARDS. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE LATEST EDITION OF THE INTERNATIONAL PLUMBING CODE (IPC). ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE DEKALB COUNTY INSPECTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE DEKALB COUNTY ENGINEERING DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE DEKALB COUNTY ENGINEERING DEPARTMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE DEKALB COUNTY ENGINEERING DEPARTMENT.



ALTIMIRA
DESIGN AND COMMON SENSE, INC.
Land Planning • Landscape Architecture • Urban Design
581 N. Highland Avenue, NE Atlanta, Georgia 30307 404-888-4454

PROJECT TITLE: **CHILDREN'S ADVENTURE GARDEN**
AT BROOK RUN PARK
4770 N. PEACHTREE RD.
DUNWOODY, GA. 30338

PREPARED FOR: **DEKALB COUNTY PARKS AND RECREATION**
3681 Chestnut Street
Scottsdale, GA 30079

PLAYGROUND EQUIPMENT LEGEND	
KEY	DESCRIPTION
1	CHALLENGE STATION CLIMBER F/S 8150
2	#CPO60 DOUBLE TROUBLE CUSTOM
3	#11710 KIDCOURSE TRAINER
4	#CPO66 BIGFOOTS TREEHOUSE CUSTOM
5	8' HIGH RIBBON WALL #1054
6	PRIMETIME SWING #12583, #12584, #8910
7	TRACK RIDE 4-DECK F/S 81737
8	#CPT063 KIDS' CUPOLA CUSTOM
9	STEPPING STONES-5 STEPS #10968
10	#20007 KIDTIME-TODDLER SEVEN
11	SINGLE POST SWING #10740, #8695
12	# 20006 KIDTIME-TODDLER SIX

NOTE: ALL EQUIPMENT BY GAMETIME C/O DOMINICA RECREATION PRODUCTS, OR EQUAL. 1-800-432-0162.

BIRDHOUSE LEGEND			
KEY	DESCRIPTION	QUANTITY	MOUNTING HEIGHT
1	EASTERN BLUEBIRD <i>sialia sialis</i>	3	12'
2	PINE SISKIN FINCH <i>carduelis pinus</i>	3	8'
3	NORTHERN CARDINAL <i>cardinalis</i>	1	16'
4	HOUSE WREN <i>Tragodytes aedon</i>	2	10'
5	PURPLE MARTIN <i>Progne subis</i>	1	14'

NOTES:
1. ALL BIRD HOUSES SHALL BE CONSTRUCTED OF UNTREATED WESTERN RED CEDAR WITH REMOVABLE BOTTOM FOR CLEANING.
2. BIRD HOUSES SHALL NOT BE PAINTED
3. ATTACH BIRD HOUSES TO EXISTING TREES W/ HOT DIPPED GAL. LAG SCREWS.

REVISIONS		
NO.	DATE	DESCRIPTION

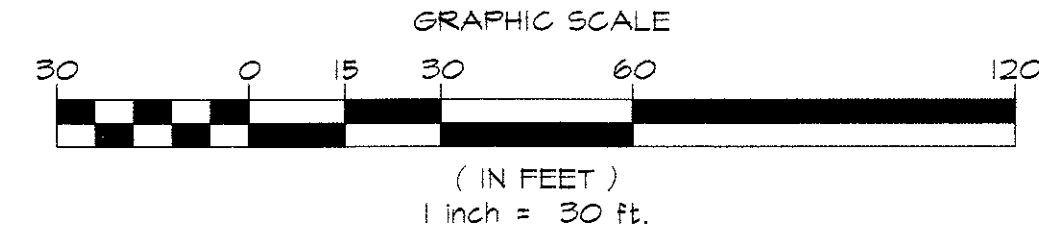
RELEASE STATUS
 ○ PROGRESS PRINT
 ● PERMIT RELEASE
 ○ BID RELEASE
 ○ CONSTRUCTION RELEASE

RELEASE DATE

SCALE:
AS SHOWN
DATE:
05-27-04
PROJECT NUMBER:
23141
DRAWING TITLE:

SITE PLAN

C - 1.0
3 OF 36 SHEETS



TREE PRESERVE TABLE				TREE REMOVAL TABLE			
NO.	TYPE & SIZE	NO.	TYPE & SIZE	NO.	TYPE & SIZE	NO.	TYPE & SIZE
1	12" DBH	1	12" DBH	1	12" DBH	1	12" DBH
2	14" DBH	2	14" DBH	2	14" DBH	2	14" DBH
3	16" DBH	3	16" DBH	3	16" DBH	3	16" DBH
4	18" DBH	4	18" DBH	4	18" DBH	4	18" DBH
5	20" DBH	5	20" DBH	5	20" DBH	5	20" DBH
6	22" DBH	6	22" DBH	6	22" DBH	6	22" DBH
7	24" DBH	7	24" DBH	7	24" DBH	7	24" DBH
8	26" DBH	8	26" DBH	8	26" DBH	8	26" DBH
9	28" DBH	9	28" DBH	9	28" DBH	9	28" DBH
10	30" DBH	10	30" DBH	10	30" DBH	10	30" DBH
11	32" DBH	11	32" DBH	11	32" DBH	11	32" DBH
12	34" DBH	12	34" DBH	12	34" DBH	12	34" DBH
13	36" DBH	13	36" DBH	13	36" DBH	13	36" DBH
14	38" DBH	14	38" DBH	14	38" DBH	14	38" DBH
15	40" DBH	15	40" DBH	15	40" DBH	15	40" DBH
16	42" DBH	16	42" DBH	16	42" DBH	16	42" DBH
17	44" DBH	17	44" DBH	17	44" DBH	17	44" DBH
18	46" DBH	18	46" DBH	18	46" DBH	18	46" DBH
19	48" DBH	19	48" DBH	19	48" DBH	19	48" DBH
20	50" DBH	20	50" DBH	20	50" DBH	20	50" DBH
21	52" DBH	21	52" DBH	21	52" DBH	21	52" DBH
22	54" DBH	22	54" DBH	22	54" DBH	22	54" DBH
23	56" DBH	23	56" DBH	23	56" DBH	23	56" DBH
24	58" DBH	24	58" DBH	24	58" DBH	24	58" DBH
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54	118" DBH	54	118" DBH	54	118" DBH	54	118" DBH
55	120" DBH	55	120" DBH	55	120" DBH	55	120" DBH

GENERAL NOTES:

1. ALL TREE PROTECTION AREAS TO BE PROTECTED FROM SEDIMENTATION.
2. ALL TREE PROTECTION DEVICES TO BE INSTALLED PRIOR TO THE START OF LAND DISTURBANCE, AND MAINTAINED UNTIL FINAL LANDSCAPING.
3. ALL TREE PROTECTION FENCING TO BE INSPECTED DAILY, AND REPAIRED OR REPLACED AS NEEDED.
4. NO PARKING, STORAGE OR OTHER CONSTRUCTION ACTIVITIES ARE TO OCCUR WITHIN TREE PROTECTION AREAS.
5. ALL REQUIRED VEGETATION MUST BE MAINTAINED FOR TWO GROWING SEASONS AFTER THE DATE OF FINAL INSPECTION.
6. CHIP EXISTING TREES TO BE REMOVED AND USE FOR EROSION AND SEDIMENT CONTROL. SEE SHEET C-1.

TOTAL TREE COUNT: 537

CALCULATIONS:

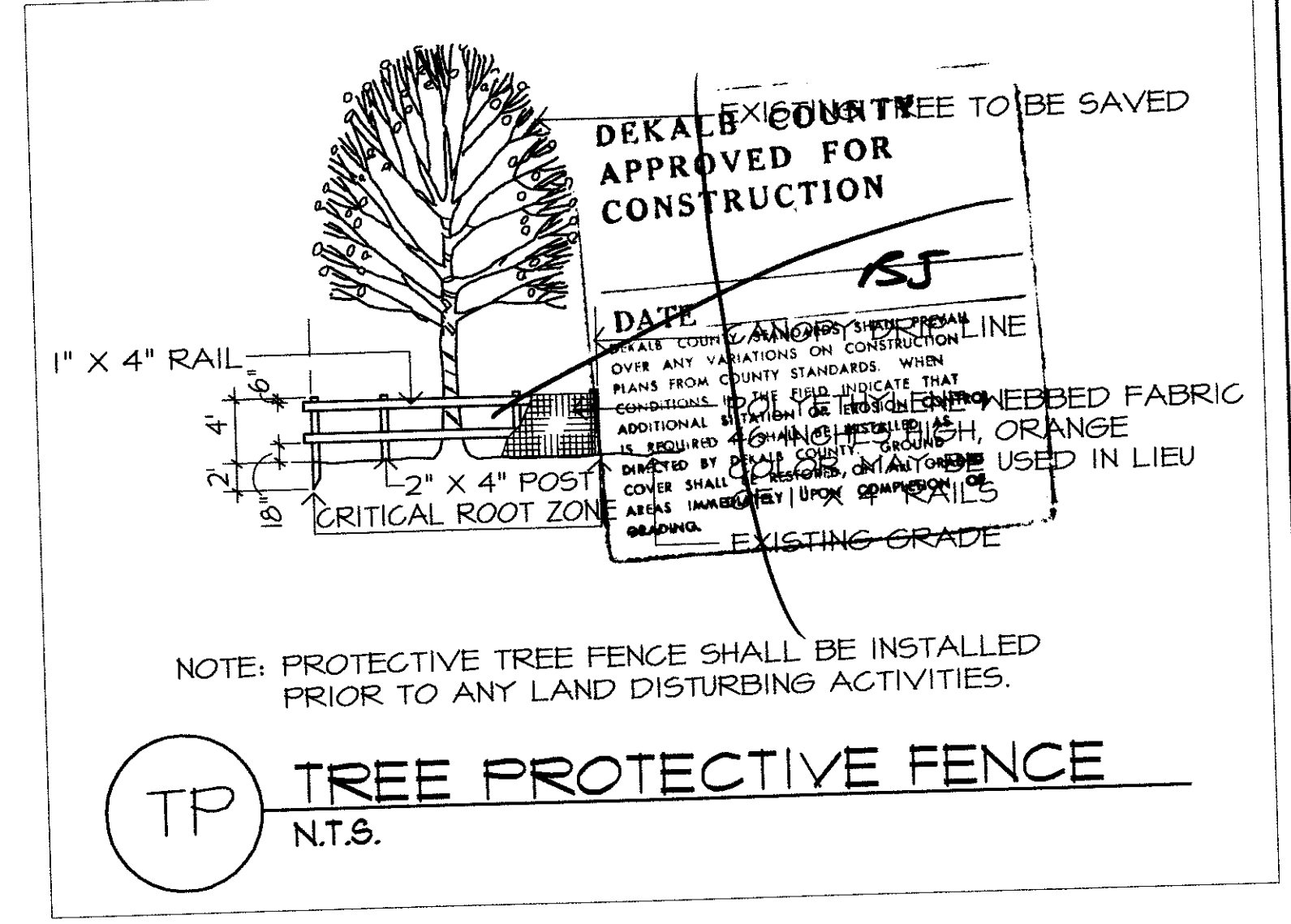
TOTAL SITE AREA 7.35 ACRES
 MINIMUM REQUIRED SITE DBH AT 120"/ACRE:
 120 IN. x 7.35 ACRES = 882 IN. MINIMUM

TOTAL SITE TREE DBH: 6415 IN.
 TOTAL DEMO TREE DBH: 2066 IN.

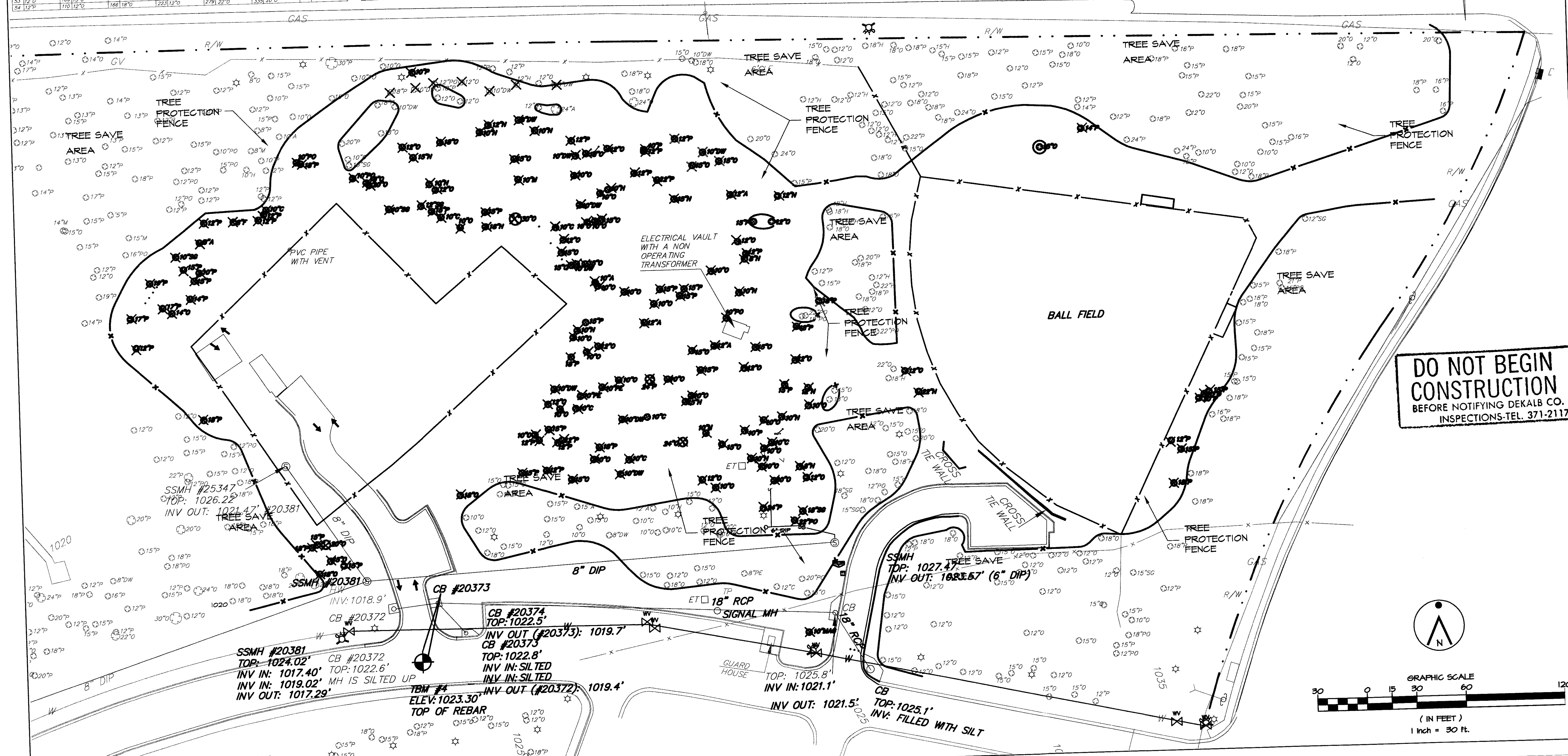
REMAINING TREE DBH:
 6415 IN. - 2066 IN. = 4349 IN.

REMAINING TREE DBH PER ACRE:
 4349 IN./7.35 ACRE = 591.70 IN./ACRE

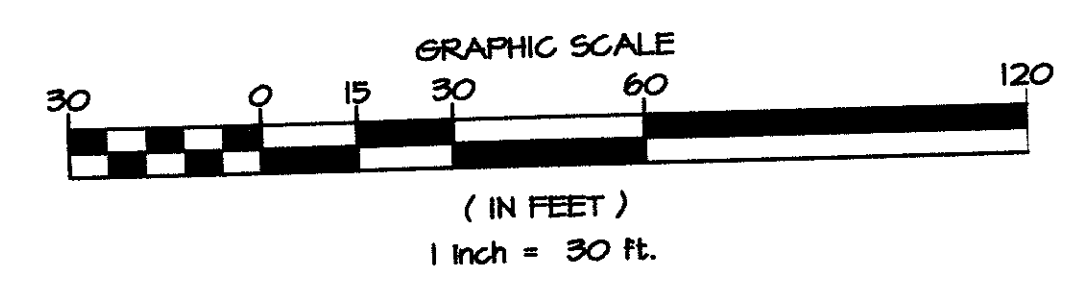
THE REMAINING TREE DBH OF 591.70 IN./ACRE IS GREATER THAN THE REQUIRED MINIMUM OF 120 IN./ACRE, THEREFORE THIS SITE COMPLIES WITH THE DEKALB COUNTY TREE PROTECTION ORDINANCE STANDARDS.



NOTE: PROTECTIVE TREE FENCE SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.



DO NOT BEGIN CONSTRUCTION
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 INSPECTIONS-TEL. 371-2117



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 DESIGN AND COMMON SENSE, INC.
 Land Planning + Landscape Architecture + Urban Design
 581 N. Highland Avenue, NE Atlanta, Georgia 30307 404-888-4454

PROJECT TITLE: **CHILDREN'S ADVENTURE GARDEN AT BROOK RUN PARK AT 4770 N. PEACHTREE RD. DUNWOODY, GA. 30338**

PREPARED FOR: **DEKALB COUNTY PARKS AND RECREATION 3681 Chestnut Street Scottsdale, GA 30079**

NO.	DATE	DESCRIPTION

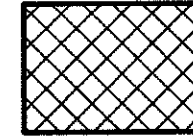
RELEASE STATUS:
 PROGRESS PRINT
 PERMIT RELEASE
 BID RELEASE
 CONSTRUCTION RELEASE
 RELEASE DATE: _____

SCALE: **AS SHOWN**
 DATE: **05-27-04**
 PROJECT NUMBER: **23141**
 DRAWING TITLE: **TREE PROTECTION PLAN**

C - 2.0
 4 OF 36 SHEETS

DEMOLITION NOTES:

1. DEMOLITION SHALL INCLUDE SPECIFIED ITEMS AND ASSOCIATED FOUNDATIONS AND PREPARED BASE MATERIALS.
2. DEMOLISHED AND EXCAVATED MATERIALS SHALL BE HAULED OFF SITE AND DISPOSED OF LEGALLY.
3. CONTRACTOR IS HEREBY NOTIFIED OF UNDERGROUND UTILITIES AND VAULTS AND SHOULD SECURE CURRENT UTILITY PLANS AND UTILIZE A UTILITY LOCATE COMPANY PRIOR TO DIGGING.
4. SEE SHEET C 2.0 TREE PROTECTION FOR TREES TO BE REMOVED
5. ALL EROSION CONTROL MEASURES AND BMP'S ARE TO BE INSTALLED DURING DEMOLITION.

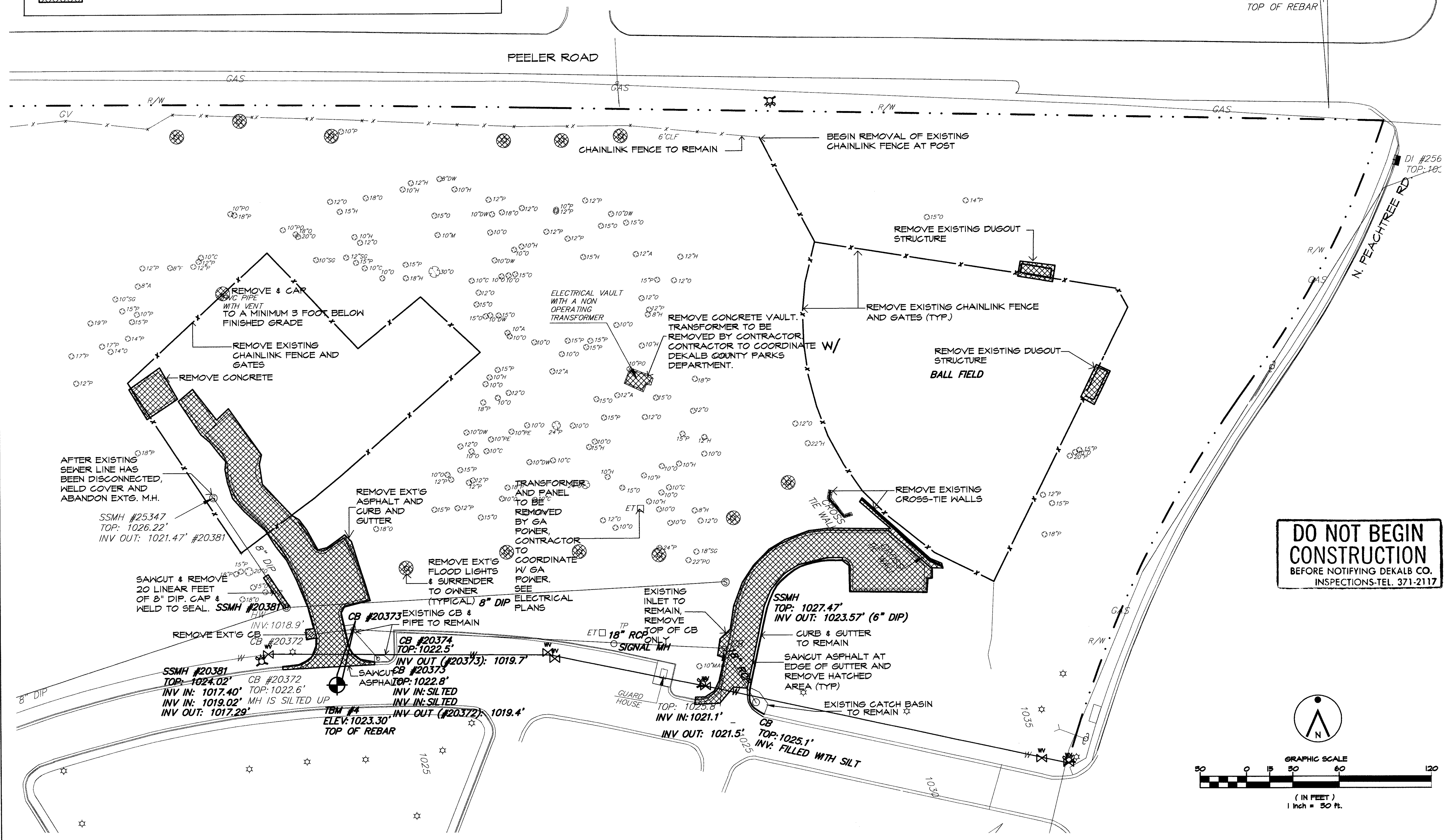
 ITEMS TO BE REMOVED (TYPICAL)

**DEKALB COUNTY
APPROVED FOR
CONSTRUCTION**

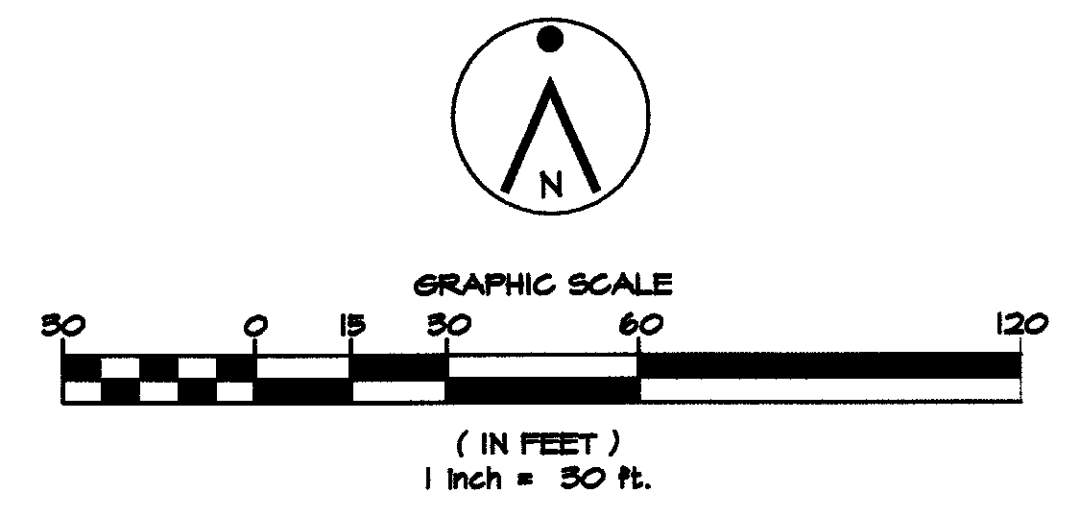
DATE _____

DEKALB COUNTY STANDARDS SHALL PREVAIL OVER ANY VARIATIONS OR CONSTRUCTION CONDITIONS IN THE FIELD INDICATE THAT IS REQUIRED IT SHALL BE INSTALLED AS DIRECTED BY DEKALB COUNTY. GROUND COVER SHALL BE RESTORED ON ALL GRADED AREAS IMMEDIATELY UPON COMPLETION OF GRADING.

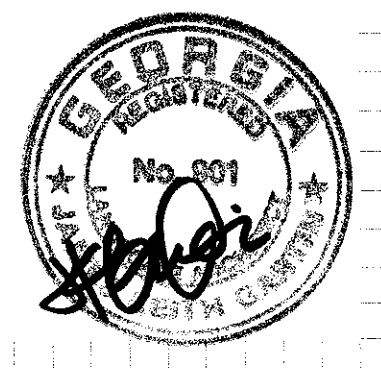
TBM #11
ELEV: 1032.81'
TOP OF REBAR



**DO NOT BEGIN
CONSTRUCTION**
BEFORE NOTIFYING DEKALB CO.
INSPECTIONS-TEL. 371-2117



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DESIGN AND COMMON SENSE, INC.
Land Planning & Landscape Architecture • Urban Design
581 N. Highland Avenue, NE, Atlanta, Georgia 30307 404-888-4454

PROJECT TITLE: **CHILDREN'S ADVENTURE GARDEN
AT BROOK RUN PARK
4770 N PEACHTREE RD.
DUNWOODY, GA. 30338**

PREPARED FOR: **DEKALB COUNTY PARKS AND RECREATION
3681 Chestnut Street
Scottsdale, GA 30079**

REVISIONS		
NO.	DATE	DESCRIPTION

RELEASE STATUS
 PROGRESS PRINT
 PERMIT RELEASE
 BID RELEASE
 CONSTRUCTION RELEASE
 RELEASE DATE _____

SCALE:
AS SHOWN
 DATE:
05-27-04
 PROJECT NUMBER:
23141
 DRAWING TITLE:

DEMOLITION PLAN

C - 3.0
 5 OF 36 SHEETS

STAKING PLAN NOTES:

1. ALL DIMENSIONS ARE MEASURED TO FACE OF CURB UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL CONTACT PUBLIC UTILITY INSPECTORS AT LEAST 24 HOURS PRIOR ANY ACTIVITIES
3. CONTRACTOR TO COORDINATE THE LOCATION AND INSTALLATION OF THE PROPOSED UTILITY SERVICES WITH THE APPROPRIATE UTILITY COMPANIES.
4. ALL CONSTRUCTION TO CONFORM TO LOCAL, STATE, AND FEDERAL STANDARDS AND SPECIFICATIONS.
5. PARKING COUNT
REGULAR 0.5FT X 18FT = 39 SPACES
HANDICAPPED (VAN) 9FT X 18FT = 4 SPACES

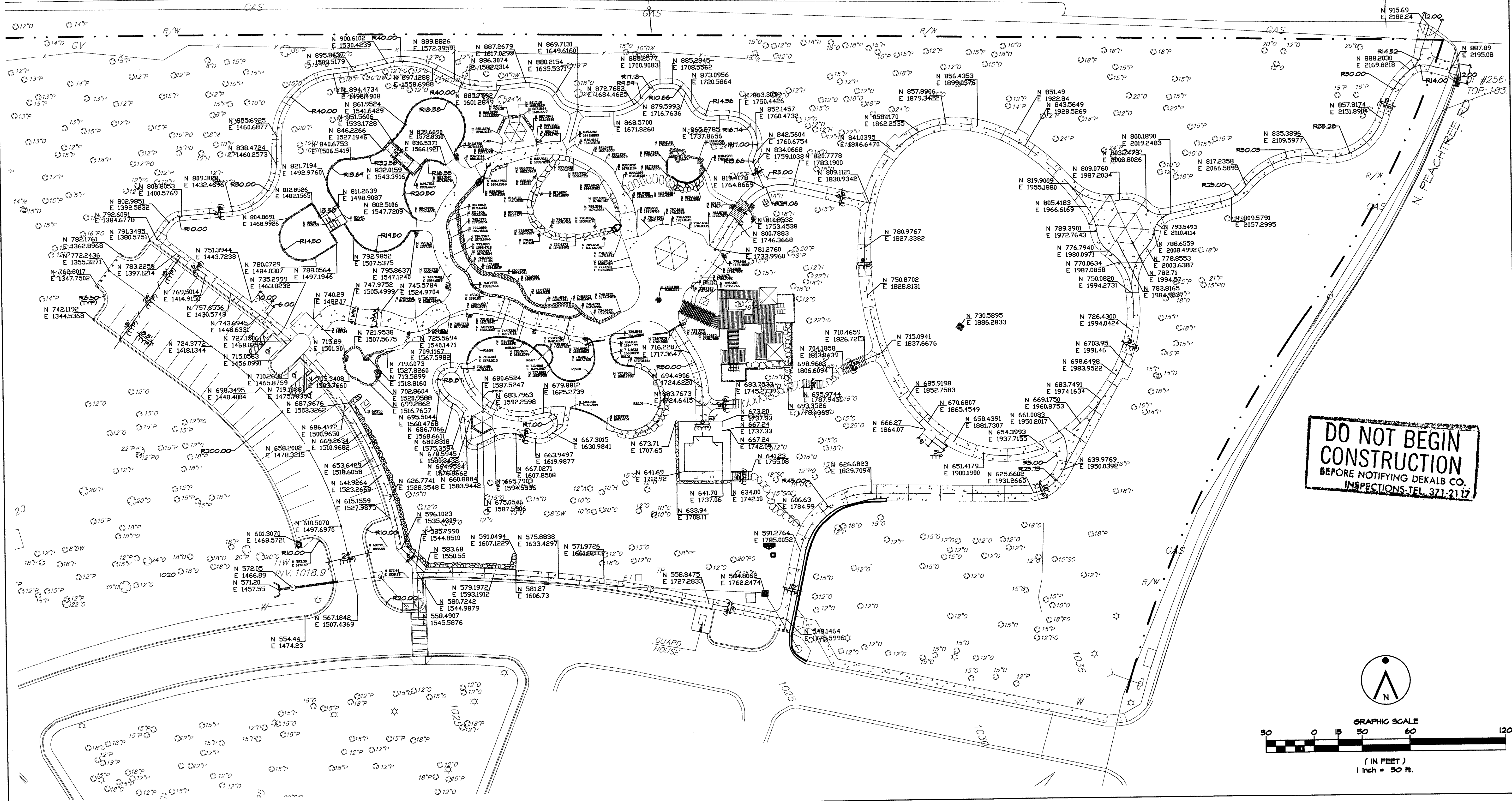
DEKALB COUNTY
APPROVED FOR
CONSTRUCTION

DATE

DEKALB COUNTY STANDARDS SHALL PREVAIL OVER ANY LOCALITIES ON CONSTRUCTION. WHEN CONDITIONS IN THE FIELD INDICATE THAT ADDITIONAL SURVEY OR EROSION CONTROL MEASURES SHALL BE INSTALLED AS DIRECTED BY DEKALB COUNTY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OBTAINED PERMITS IMMEDIATELY UPON COMPLETION OF MEASUREMENTS.

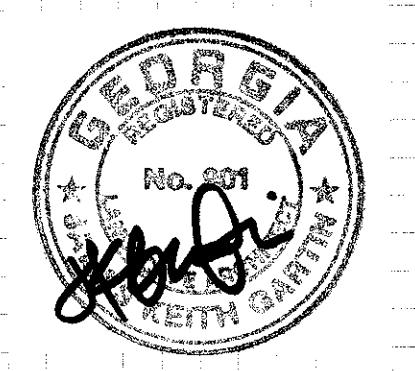
TBM #11
ELEV: 1032.81'
TOP OF REBAR

PEELER ROAD



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INSPECTIONS TEL. 371-2117**

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DESIGN AND COMMON SENSE, INC.
Land Planning & Landscape Architecture • Urban Design
581 N. Highland Avenue, NE Atlanta, Georgia 30307 404-884-4454

PROJECT TITLE
**CHILDREN'S ADVENTURE GARDEN
AT BROOK RUN PARK
4770 N. PEACHTREE RD.
DUNWOODY, GA. 30038**

PREPARED FOR
**DEKALB COUNTY PARKS AND RECREATION
3681 Chestnut Street
Scottsdale, GA 30079**

REVISIONS		
NO.	DATE	DESCRIPTION

RELEASE STATUS
 PROGRESS PRINT
 PERMIT RELEASE
 BID RELEASE
 CONSTRUCTION RELEASE
 RELEASE DATE

SCALE:
AS SHOWN
DATE:
05-27-04
PROJECT NUMBER:
23141
DRAWING TITLE

STAKING PLAN
C - 4.0
6 OF 36 SHEETS

GRADING NOTES

1. SLOPE OF SURFACE GRADES SHALL BE A MINIMUM OF 15%.
 2. ALL TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO GRADING. REFER TO PROTECTIVE TREE FENCING DETAIL.
 3. ALL SLOPES TO BE A MAXIMUM 2:1.
- DRAINAGE NOTES**
1. DRAINAGE SYSTEMS WILL BE INSTALLED AS PER THE DRAWINGS AND SPECIFICATIONS.
 2. DRAINAGE SYSTEMS WILL BE INSTALLED AS SOON AS POSSIBLE FOLLOWING BEGINNING OF GRADING OPERATIONS TO AID IN CONTROLLING RUN-OFF.
 3. AREAS AROUND CATCH BASINS AND/OR DROP INLETS SHALL BE GRADED TO PREVENT PONDING.
 4. REFER TO SHEET 8.12 FOR PIPE INVERTS
 5. CONTRACTOR TO REMOVE ALL TRASH & DEBRIS FROM ALL EXISTING DRAINAGE STRUCTURES WITHIN THE LIMITS OF THE PROJECT IN ORDER TO PROVIDE POSITIVE DRAINAGE THROUGHOUT STORM DRAINAGE SYSTEM. REPORT ANY DAMAGE TO LANDSCAPE ARCHITECT.

THIS IS AN EFFORT TO STOP DISPOSAL OF CONSTRUCTION WASTE (DEBRIS, TRASH, BUILDING MATERIALS, ORGANIC, AND INORGANIC MATERIAL) ON DEVELOPMENT PROJECTS AND VACANT PROPERTIES. AS DEFINED IN CHAPTER 14-1 AND COMPLYING WITH 14-37(b) OF THE DEKALB COUNTY LAND DEVELOPMENT ORDINANCE THE FOLLOWING NOTARIZED STATEMENT SHALL BE SIGNED BY THE PROPERTY OWNER OR HIS ASSIGNED, AND PRESENTED TO THE ENVIRONMENTAL SECTION OF THE DEKALB COUNTY DEVELOPMENT DEPARTMENT AT THE PRE-CONSTRUCTION MEETING OR AT THE ISSUANCE OF A DEVELOPMENT OR BUILDING PERMIT.

ENFORCEMENT ON VACANT LOTS SHALL BE AS IF A PERMIT WERE BEING ISSUED.

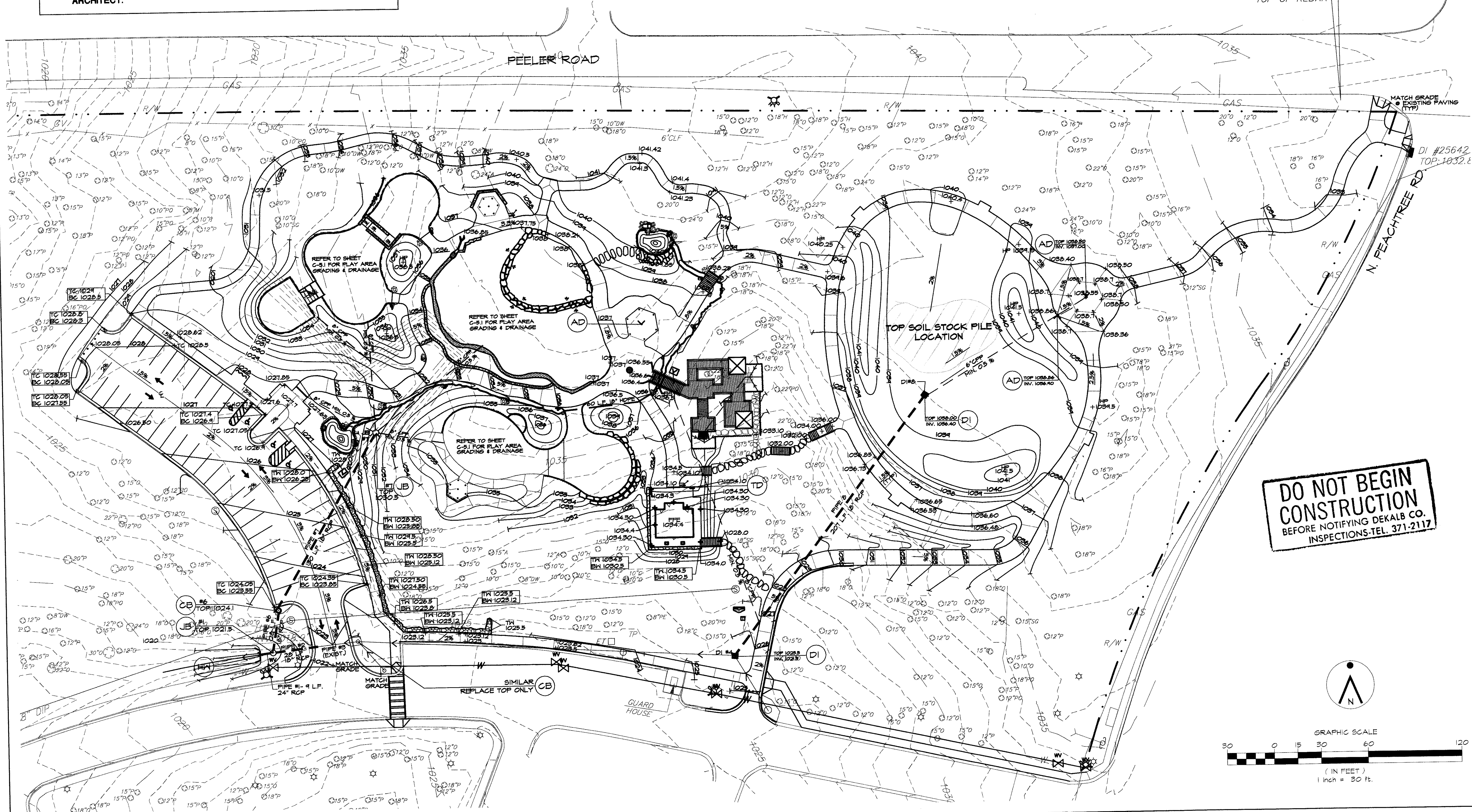
FAILURE TO COMPLY WITH THIS POLICY MAY RESULT IN AN ENGINEERING REPORT BEING PREPARED THAT MAY INCLUDE TEST PITS OR BORING OF SUSPECTED SITES.

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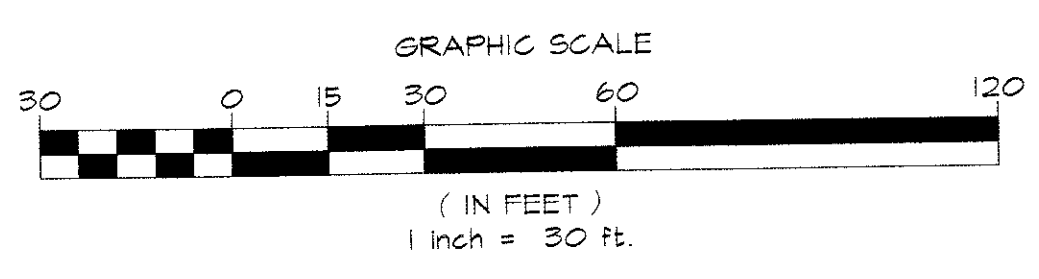
DATE

DEKALB COUNTY STANDARDS SHALL PREVAIL OVER ANY VARIATIONS ON CONSTRUCTION FROM COUNTY STANDARDS. WHEN CONDITIONS IN THE FIELD INDICATE THAT ADDITIONAL SLOTTING OR EROSION CONTROL IS REQUIRED IT SHALL BE INSTALLED AS DIRECTED BY DEKALB COUNTY. GROUND COVER SHALL BE RESTORED ON ALL GRADED AREAS IMMEDIATELY UPON COMPLETION OF GRADING.

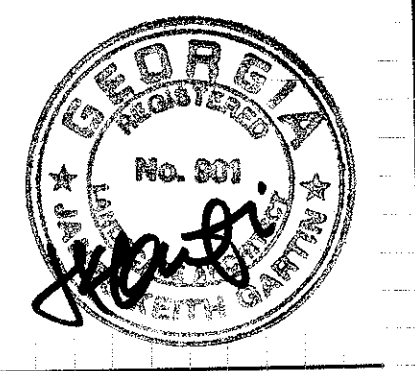
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PROJECT TITLE **CHILDREN'S ADVENTURE GARDEN AT BROOK RUN PARK**
4770 N. PEACHTREE RD.
DUNWOODY, GA. 30338

PREPARED FOR **DEKALB COUNTY PARKS AND RECREATION**
3681 Chestnut Street
Scottdale, GA 30079

NO.	DATE	DESCRIPTION

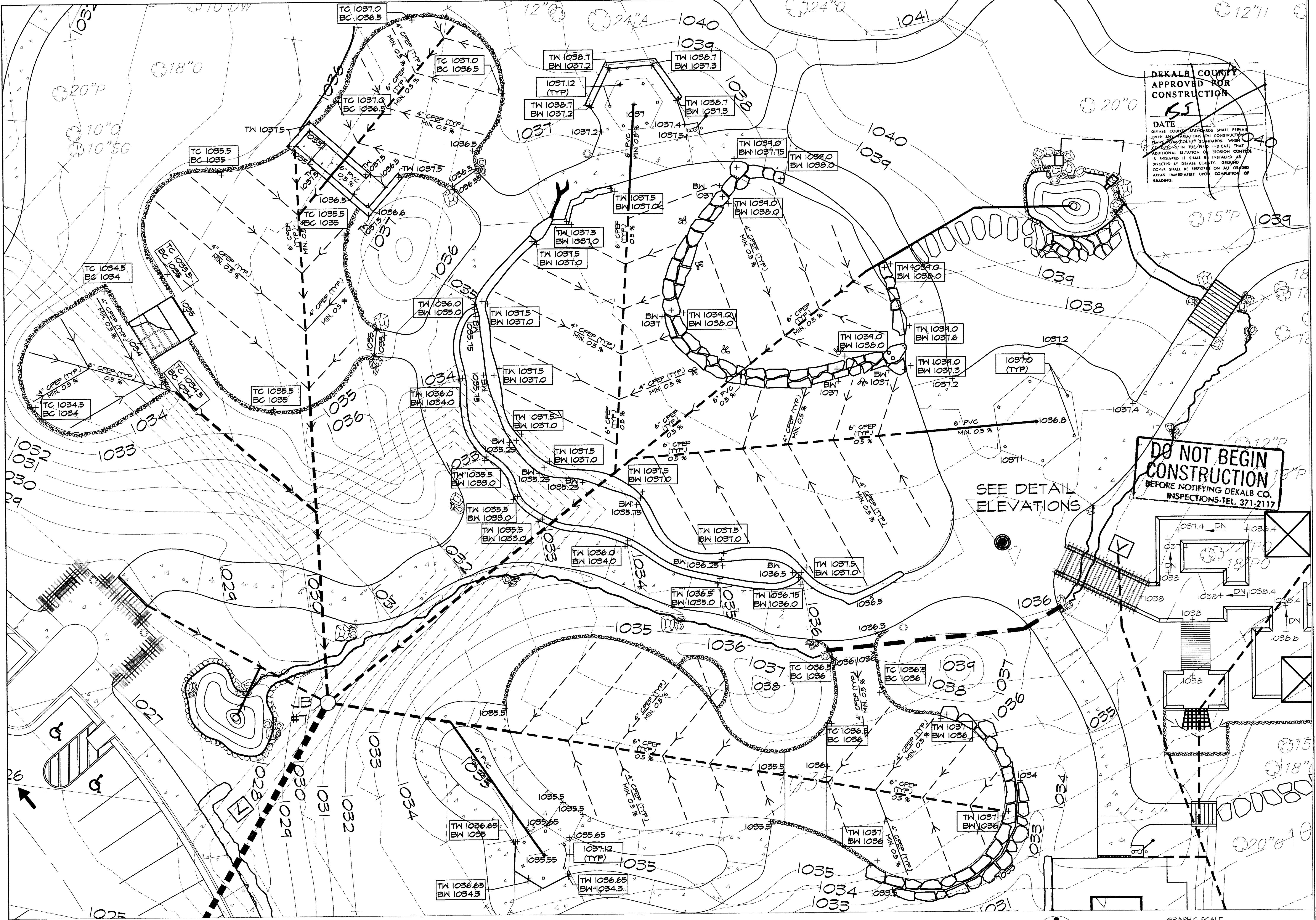
RELEASE STATUS
 PROGRESS PRINT
 PERMIT RELEASE
 BID RELEASE
 CONSTRUCTION RELEASE
 RELEASE DATE

SCALE:
 AS SHOWN
 DATE:
 05-27-04

PROJECT NUMBER
 23141

DRAWING TITLE
 GRADING AND DRAINAGE PLAN

C - 5.0
7 OF 36 SHEETS



DEKALB COUNTY APPROVED FOR CONSTRUCTION
 DATE: 5/5
 DEKALB COUNTY STENOGRAPHS SHALL PREPARE COVER AND INSTALLATIONS ON CONSTRUCTION. PLANS SHOW COUNTY STANDARDS. WHEN DISCREPANCY IN THE FIELD INDICATE THAT ADDITIONAL SITUATION OR EROSION CONTROL IS REQUIRED IT SHALL BE INSTALLED AS DIRECTED BY DEKALB COUNTY. DRAINAGE COVER SHALL BE RESTORED ON ALL GRADED AREAS IMMEDIATELY UPON COMPLETION OF BRADING.

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SEE DETAIL ELEVATIONS

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PROJECT TITLE CHILDREN'S ADVENTURE GARDEN
 AT BROOK RUN PARK
 4770 N. PEACHTREE RD.
 DUNWOODY, GA. 30338

PREPARED FOR DEKALB COUNTY PARKS AND RECREATION
 3681 Chestnut Street
 Scottdale, GA 30079

REVISIONS

NO.	DATE	DESCRIPTION

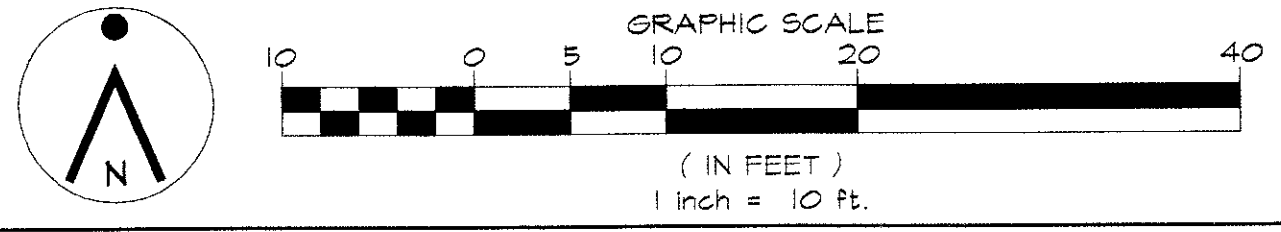
RELEASE STATUS

- PROGRESS PRINT
- PERMIT RELEASE
- BID RELEASE
- CONSTRUCTION RELEASE

RELEASE DATE

SCALE:
 AS SHOWN
 DATE:
 05-27-04
 PROJECT NUMBER:
 23141
 DRAWING TITLE:
 GRADING AND DRAINAGE PLAN
 PLAYGROUND AREAS

C - 5.1
 8 OF 36 SHEETS

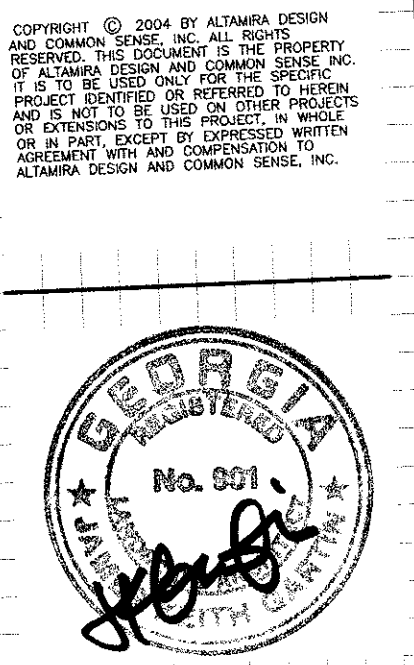


DEKALB COUNTY
APPROVED FOR
CONSTRUCTION

DATE

TBM #11
ELEV: 1032.81'
TOP OF REBAR

DEKALB COUNTY STANDARDS SHALL PREVAIL OVER ANY VARIATIONS OR CONSTRUCTION FROM COUNTY STANDARDS. WHEN CONDITIONS IN THE FIELD INDICATE THAT ADDITIONAL SIGHTING OR EMISSION CONTROL IS REQUIRED IT SHALL BE INSTALLED AS DETERMINED BY DEKALB COUNTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL GRADING AND EMISSION CONTROL MEASURES IMMEDIATELY UPON COMPLETION OF CONSTRUCTION.



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PEELER ROAD

DI #25642
TOP: 1032.8'

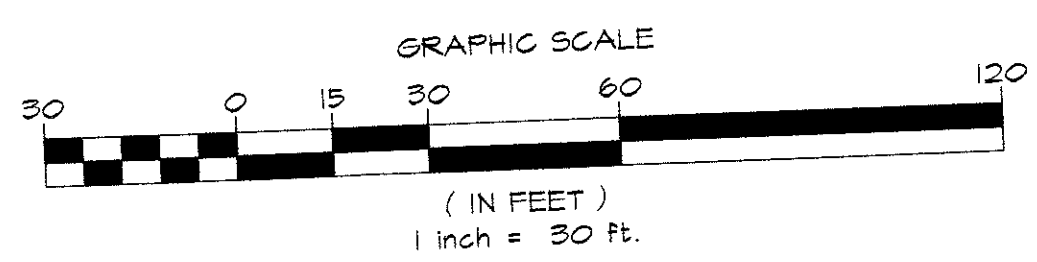
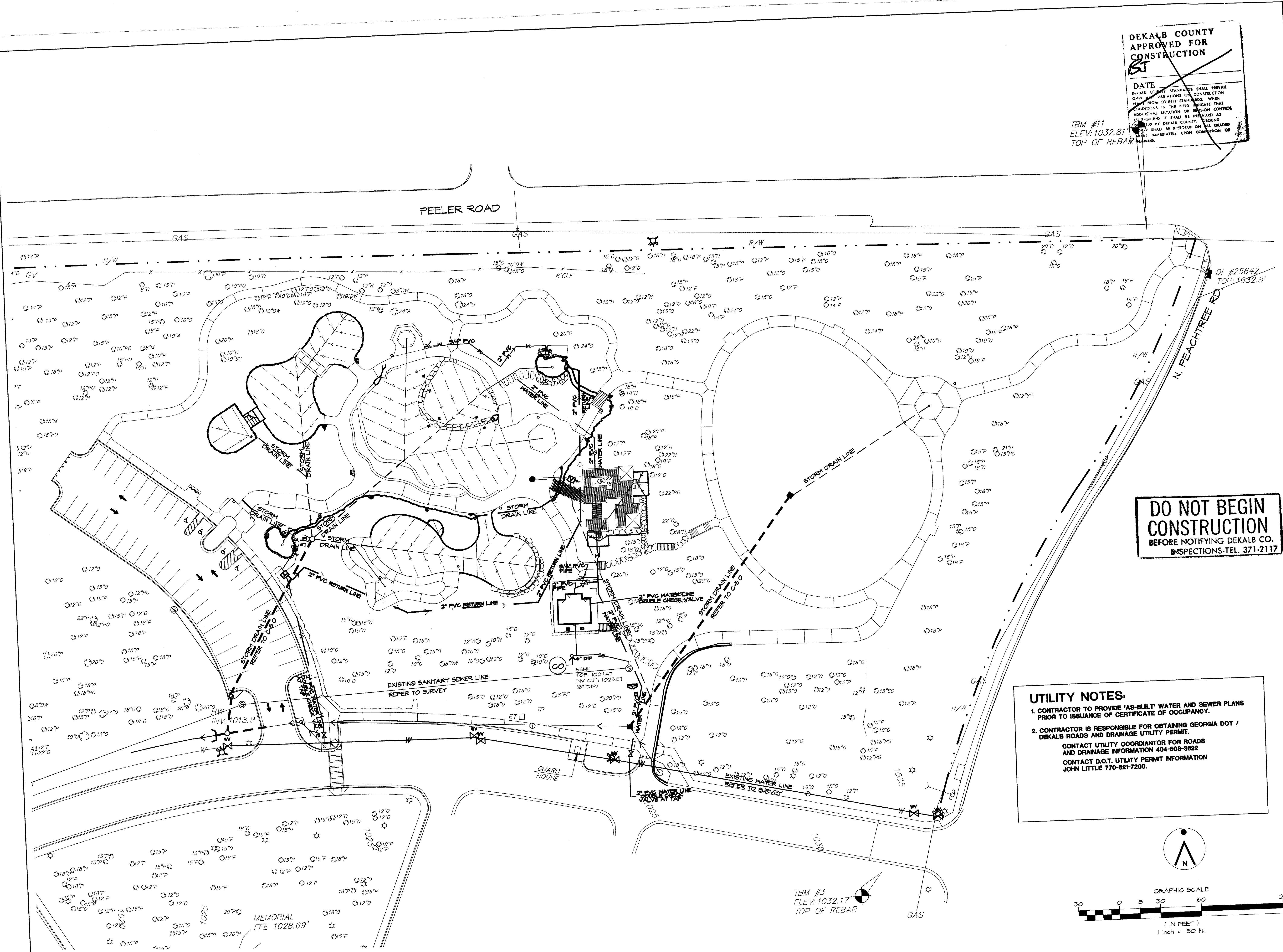
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INSPECTIONS-TEL. 371-2117

UTILITY NOTES:
1. CONTRACTOR TO PROVIDE 'AS-BUILT' WATER AND SEWER PLANS PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY.
2. CONTRACTOR IS RESPONSIBLE FOR OBTAINING GEORGIA DOT / DEKALB ROADS AND DRAINAGE UTILITY PERMIT.
CONTACT UTILITY COORDINATOR FOR ROADS AND DRAINAGE INFORMATION 404-608-3822
CONTACT D.O.T. UTILITY PERMIT INFORMATION JOHN LITTLE 770-621-7200.

PROJECT TITLE **CHILDREN'S ADVENTURE GARDEN
AT BROOK RUN PARK**
4770 N. PEACHTREE RD.
DUNWOODY, GA. 30338
PREPARED FOR **DEKALB COUNTY PARKS AND RECREATION**
3651 Chestnut Street
Scottsdale, GA 30079

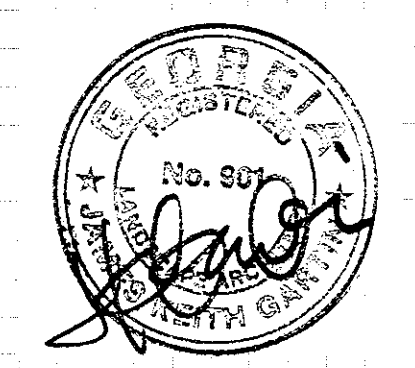
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NO.	DATE	DESCRIPTION

RELEASE STATUS	<input type="checkbox"/> PROGRESS PRINT
	<input checked="" type="checkbox"/> PERMIT RELEASE
	<input type="checkbox"/> BID RELEASE
	<input type="checkbox"/> CONSTRUCTION RELEASE
	RELEASE DATE
SCALE:	AS SHOWN
DATE:	05-27-04
PROJECT NUMBER	23141
DRAWING TITLE	UTILITY PLAN
C - 6.0	
9 OF 36 SHEETS	

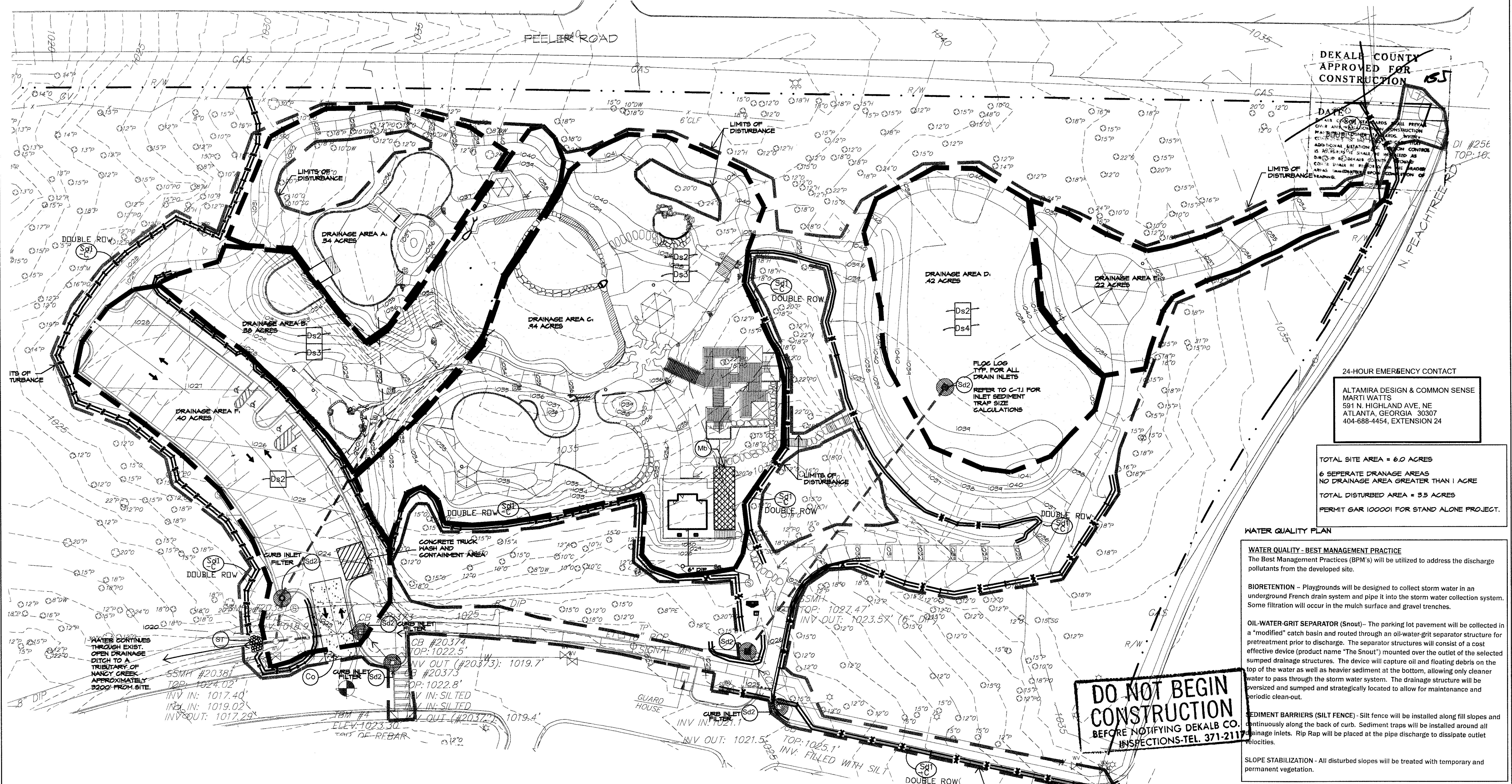


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DEKALB COUNTY
 APPROVED FOR
 CONSTRUCTION

DATE: 05/11/04
 DI #256
 TOP-10

24-HOUR EMERGENCY CONTACT
 ALTAMIRA DESIGN & COMMON SENSE
 MARTI WATTS
 591 N. HIGHLAND AVE, NE
 ATLANTA, GEORGIA 30307
 404-888-4454, EXTENSION 24

TOTAL SITE AREA = 6.0 ACRES
 6 SEPARATE DRAINAGE AREAS
 NO DRAINAGE AREA GREATER THAN 1 ACRE
 TOTAL DISTURBED AREA = 3.5 ACRES
 PERMIT GAR 100001 FOR STAND ALONE PROJECT.

WATER QUALITY PLAN
WATER QUALITY - BEST MANAGEMENT PRACTICE
 The Best Management Practices (BMP's) will be utilized to address the discharge pollutants from the developed site.
BIORETENTION - Playgrounds will be designed to collect storm water in an underground French drain system and pipe it into the storm water collection system. Some filtration will occur in the mulch surface and gravel trenches.
OIL-WATER-GRIT SEPARATOR (Snout) - The parking lot pavement will be collected in a "modified" catch basin and routed through an oil-water-grit separator structure for pretreatment prior to discharge. The separator structures will consist of a cost effective device (product name "The Snout") mounted over the outlet of the selected sumped drainage structures. The device will capture oil and floating debris on the top of the water as well as heavier sediment at the bottom, allowing only cleaner water to pass through the storm water system. The drainage structure will be oversized and sumped and strategically located to allow for maintenance and periodic clean-out.
SEDIMENT BARRIERS (SILT FENCE) - Silt fence will be installed along fill slopes and continuously along the back of curb. Sediment traps will be installed around all drainage inlets. Rip Rap will be placed at the pipe discharge to dissipate outlet velocities.
SLOPE STABILIZATION - All disturbed slopes will be treated with temporary and permanent vegetation.

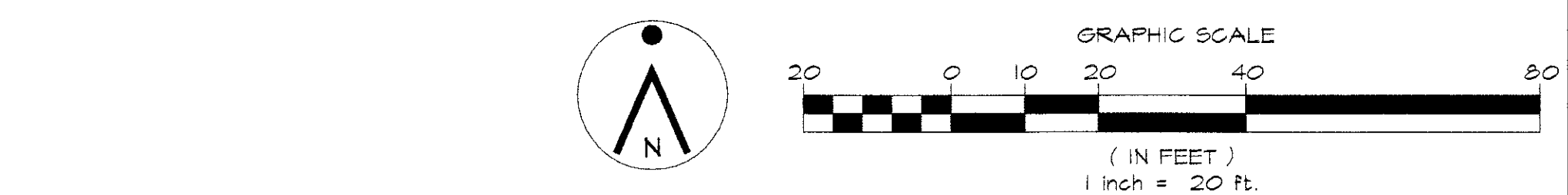
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ACTIVITY	ACTIVITY SCHEDULE - 2004					
	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
INSTALL TREE PROTECTION FENCING						
CLEARING	///					
INSTALL EROSION CONTROL STRUCTURES	///					
TOPSOIL STRIPPING AND STORING	///					
SANITARY SEWER						
LAND GRADING	///					
TEMPORARY VEGETATION	///					
EROSION CONTROL STRUCTURES	///					
UTILITIES	///					
PAVING	///					
PERMANENT VEGETATION	///					
REMOVE TEMPORARY STRUCTURES						
MAINTENANCE OF BMP						
CLEANOUT OF STORM DRAINS						

THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO, OR CONCURRENT WITH LAND DISTURBING PRACTICES.

LEGEND			
CODE	PRACTICE	SYMBOL	DESCRIPTION
Co	CONSTRUCTION EXIT		A CRUSHED STONE PAD LOCATED AT THE CONSTRUCTION SITE EXIT TO PROVIDE A PLACE FOR REMOVING MUD FROM TIRES, THEREBY PROTECTING PUBLIC STREETS.
Cd	CHECK DAM HAY BALE BARRIER		A SMALL, TEMPORARY BARRIER OR DAM CONSTRUCTED ACROSS A SWALE, DRAINAGE DITCH, OR AREA OF CONCENTRATED FLOW.
Sd1	SEDIMENT BARRIER		A BARRIER TO PREVENT SEDIMENT FROM LEAVING THE CONSTRUCTION SITE. IT MAY BE BARRIERS, BALES OF STRAW OR HAY, BRUSH, LOGS & POLES, GRAVEL, OR A SEDIMENT FENCE.
Sd2	INLET SEDIMENT TRAP		AN IMPOUNDING AREA CREATED BY EXCAVATING AROUND A STORM DRAIN OR TOP INLET. THE EXCAVATED AREA WILL BE FILLED AND STABILIZED ON THE COMPLETION OF CONSTRUCTION ACTIVITIES.
St	STORM DRAIN OUTLET PROTECTION		A PAVED OR SHORT SECTION OF RIPRAP CHANNEL AT THE OUTLET OF A STORM DRAIN SYSTEM PREVENTING EROSION FROM THE CONCENTRATED RUNOFF.
Ds1	DISTURBED AREA STABILIZATION W/ MULCHING ONLY		ESTABLISHING A TEMPORARY PROTECTION FOR DISTURBED AREAS WHERE SEEDINGS MAY NOT HAVE A SUITABLE GROWING SEASON TO PRODUCE AN EROSION RETARDING COVER.
Ds2	DISTURBED AREA STABILIZATION W/ TEMPORARY SEEDING		ESTABLISHING A TEMPORARY VEGETATIVE COVER WITH FAST GROWING COVER WITH FAST GROWING SEEDINGS ON DISTURBED AREAS.
Ds3	DISTURBED AREA STABILIZATION W/ PERM. VEGETATION		ESTABLISHING PERMANENT VEGETATIVE COVER SUCH AS TREES, SHRUBS, VINES, GRASSES, SOY, OR LEGUMES ON DISTURBED AREAS.
Ds4	DISTURBED AREA STABILIZATION W/ PERM. VEGETATION		BERMUDA SOG

TEMPORARY SEEDING SPECIFICATIONS - LBS. PER ACRE			
CONDITION 1 - FLAT TO MODERATE SLOPES 0% - 3%			
GRASS	SPRING	SUMMER	FALL WINTER
RYE GRASS	20	20	20
RYE GRASS	20	20	20
WHEAT	20	20	20
KEEPING LOVEGRASS	20	20	20
BROWNTOP MILLET	20	20	20
FESCUE	20	20	20
CONDITION 2 - MODERATE TO STEEP SLOPE 3% OR GREATER			
GRASS	SPRING	SUMMER	FALL WINTER
RYE GRASS	20	20	20
RYE GRASS	20	20	20
WHEAT	20	20	20
LESPEDeza ANNUAL	4	20	20
KEEPING LOVEGRASS	4	20	20
BROWNTOP MILLET	4	20	20
SUDANGRASS	4	20	20
FESCUE	4	20	20
CONDITION 3 - CONCENTRATED WATER AREAS			
GRASS	SPRING	SUMMER	FALL WINTER
RYE GRASS	10	10	10
RYE GRASS	10	10	10
WHEAT	10	10	10
LESPEDeza ANNUAL	4	20	20
KEEPING LOVEGRASS	4	20	20
BROWNTOP MILLET	4	20	20
SUDANGRASS	4	20	20
FESCUE	4	20	20



PROJECT TITLE: CHILDREN'S ADVENTURE GARDEN
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SCALE:
 AS SHOWN
 DATE: 05-27-04
 PROJECT NUMBER: 23141
 DRAWING TITLE: EROSION CONTROL PLAN
 C-7.0
 10 OF 36 SHEETS

EROSION CONTROL NOTES:

- A. SILT FENCE MUST MEET THE REQUIREMENTS OF SECTION 171-TEMPORARY SILT FENCE OF THE DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA, STANDARD SPECIFICATIONS, 1983 EDITION.
- B. ADDITIONAL EROSION CONTROL MEASURES WILL BE EMPLOYED WHERE DETERMINED NECESSARY BY ACTUAL SITE CONDITIONS.
- C. PROVISIONS TO PREVENT EROSION OF SOIL FROM SITE SHALL BE, A MINIMUM, IN CONFORMANCE WITH THE REQUIREMENTS OF THE COUNTY EROSION AND SEDIMENTATION ORDINANCE AND THE DEKALB COUNTY CODE OF LAWS DEALING WITH EROSION AND SEDIMENTATION.
- D. PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT EACH ENTRY TO AND/OR EXIT FROM THE SITE.
- E. THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT OF WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH STONE, AS CONDITIONS DEMANDS, AND REPAIR AND/OR CLEAN OUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLE OR SITE ONTO THE PUBLIC RIGHT OF WAY OR INTO STORM DRAIN MUST BE REMOVED.
- F. PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE SHALL OCCUR WITHIN THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS.
- G. IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCES /EXITS, ALL PERIMETER EROSION CONTROL DEVICES AND STORMWATER MANAGEMENT DEVICES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
- H. OWNER AGREES TO PROVIDE AND MAINTAIN OFFSTREET PARKING ON THE SUBJECT PROPERTY DURING THE ENTIRE CONSTRUCTION PERIOD.

- I. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRICADES WHILE ROADWAY FRONTAGE IMPROVEMENTS ARE BEING MADE.
- J. THE CONSTRUCTION OF THE SITE WILL INITIATE WITH THE INSTALLATION OF EROSION CONTROL MEASURES SUFFICIENT TO CONTROL SEDIMENT DEPOSITS AND EROSION. ALL SEDIMENT CONTROL WILL BE MAINTAINED UNTIL ALL UPSTREAM GROUND WITHIN THE CONSTRUCTION AREA HAS BEEN COMPLETELY STABILIZED WITH PERMANENT VEGETATION AND ALL ROAD/DRIVEWAYS HAVE BEEN PAVED.
- K. EROSION CONTROL DEVICES SHALL BE INSTALLED IMMEDIATELY AFTER GROUND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF THE DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT IMMEDIATELY.
- L. ALL SILT BARRIERS MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL BE DONE UNTIL SILT BARRIER INSTALLATION AND DETENTION FACILITIES ARE CONSTRUCTED.
- M. CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. CONTRACTOR SHALL CLEAN OUT ALL SEDIMENT PONDS WHEN REQUIRED BY LANDSCAPE ARCHITECT OR DEKALB COUNTY INSPECTOR. CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE WORKING PROPERLY.
- N. THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN THE SILT IS WITHIN 12" OF THE TOP OF THE SILT FENCE UTILIZED FOR EROSION CONTROL. IN THE DETENTION POND, SILT SHALL BE REMOVED WHEN A DEPTH OF 18" HAS ACCUMULATED AT THE WEIR.
- O. FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB SITE UNTIL SUCH MEASURES ARE CORRECTED BACK TO DEKALB COUNTY STANDARDS AND SPECIFICATIONS.
- P. ALL CONSTRUCTION SHALL CONFORM TO DEKALB COUNTY STANDARDS AND SPECIFICATIONS.
- Q. A COPY OF THE APPROVED LAND DISTURBANCE PERMIT SHALL BE PRESENT ON THE SITE WHENEVER LAND DISTURBANCE ACTIVITY IS IN PROGRESS.
- R. ALL SEWER EASEMENTS DISTURBED MUST BE DRESSED AND GRASSED TO CONTROL EROSION.

- S. ALL OPEN SWALES MUST BE GRASSED, AND RIP-RAP MUST BE PLACED AS REQUIRED TO CONTROL EROSION. A MINIMUM OF 45 SQUARE YARDS OF 50 LB. STONES SHALL BE PLACED AT ALL DOWNSTREAM HEADS AND PLACED IMMEDIATELY UPON THE INSTALLATION OF PIPES AND DRAINAGE DITCHES.
- T. SILT BARRIERS TO BE PLACED AT DOWNSTREAM TOE OF ALL CUT AND FILL SLOPES.
- U. CUT AND FILL SLOPES NOT TO EXCEED 2H:1V.
- V. ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THEN 7 DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING.
- W. WHEN ANY CONSTRUCTION BORDERS A DRAINAGE COURSE:
 1. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ANY BUILDING OR OTHER EXCAVATION MATERIAL, SPOILED DIRT, CONSTRUCTION TRASH OR DEBRIS, ETC., FROM THE DRAINAGE AREAS SHOWN HEREON IN AN EXPEDITIOUS MANNER AS CONSTRUCTION PROGRESSES.
 2. THE CONTRACTOR HEREBY AGREES TO STOP ALL WORK AND RESTORE THESE AREAS IMMEDIATELY UPON NOTIFICATION BY THE DEKALB COUNTY INSPECTOR AND/OR THE LANDSCAPE ARCHITECT.
 3. UPON COMPLETION OF RESTORATION, A REGISTERED LANDSCAPE ARCHITECT SHALL CERTIFY IN WRITING TO THE DEVELOPMENT SERVICES DEPARTMENT THAT ALL CLEAN-UP IS COMPLETE AND THE DRAINAGE COURSE RESTORED TO ORIGINAL CONDITION AND GRADE.
- X. CONTRACTOR TO CLEAN OUT ACCUMULATED SILT IN DETENTION POND / STREAM CHANNELS AT END OF CONSTRUCTION WHEN DISTURBED AREAS HAVE BEEN STABILIZED.

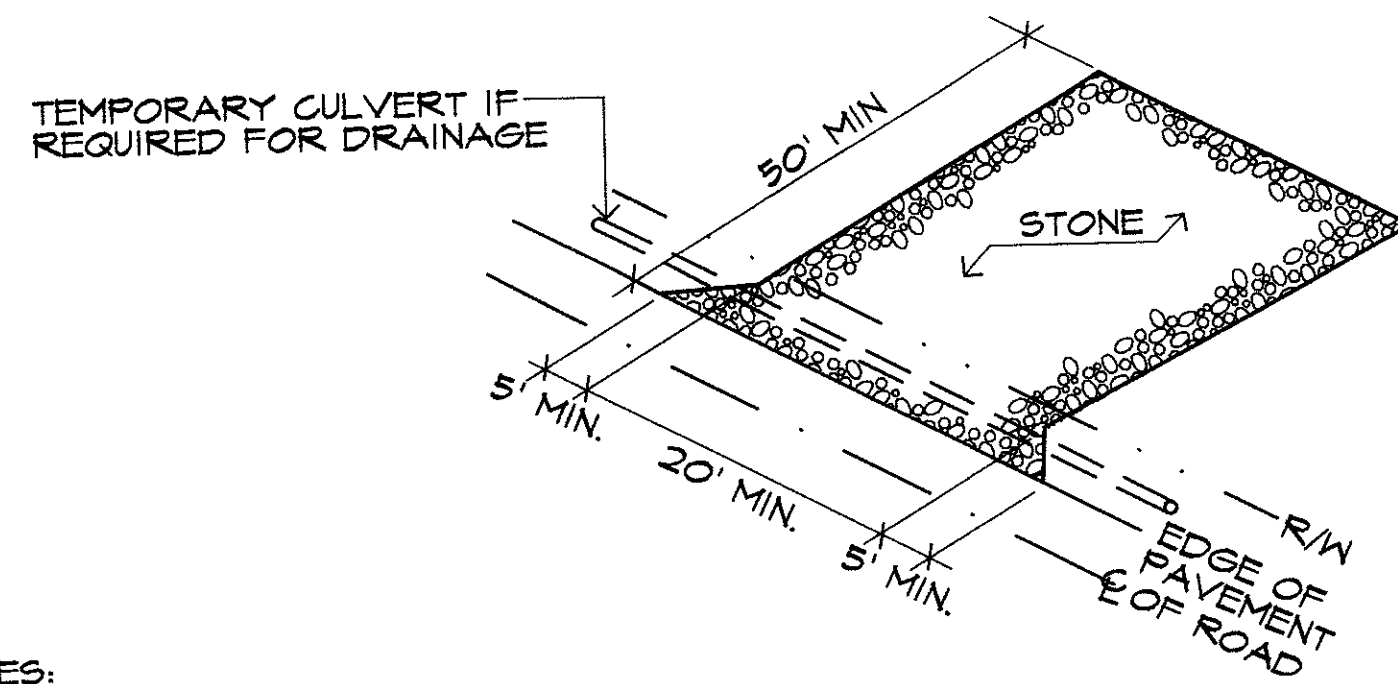
EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

SEDIMENT AND EROSION MEASURES AND PRACTICES TO BE INSPECTED DAILY.
ALL DISTURBED AREAS TO BE GRASSED AS SOON AS CONSTRUCTION PHASES PERMIT.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.

CUT AND FILL SLOPES SHALL NOT EXCEED 3H:1V ON RESIDENTIAL PROJECTS AND LOTS, AND LOTS SHALL NOT EXCEED 2H:1V ON ALL OTHER PROJECTS.

WEEKLY EROSION AND SEDIMENT CONTROL REPORTS SHALL BE SUBMITTED TO THE DEVELOPMENT DEPARTMENT STARTING WITH THE ISSUANCE OF THE DEVELOPMENT PERMIT AND ENDING WHEN PROJECT IS RELEASED BY THE INSPECTOR.



- NOTES:**
1. STONE SIZE ASTM D448 SIZE NO.1 1.5"-3.5".
 2. PAD THICKNESS 6" MIN.
 3. IF NECESSARY, INCLUDE WASHING.
 4. MAY REQUIRE PERIODIC TOP DRESSING WITH 2" STONE.
 5. MAINTAIN IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC ROADS AND PARK DRIVE.
 6. PLACE GEOTEXTILE FABRIC UNDER THE FULL LENGTH AND WIDTH OF THE ENTRANCE. FABRIC SHALL BE BASED ON AASHTO M288-96, 9B IN ACCORDANCE WITH THE CBR TEST PROVIDED BY THE OWNER'S TESTING SERVICE.
 7. MINIMUM SIZE: 10' X 50'

CO TEMPORARY CONSTRUCTION EXIT
N.T.S.

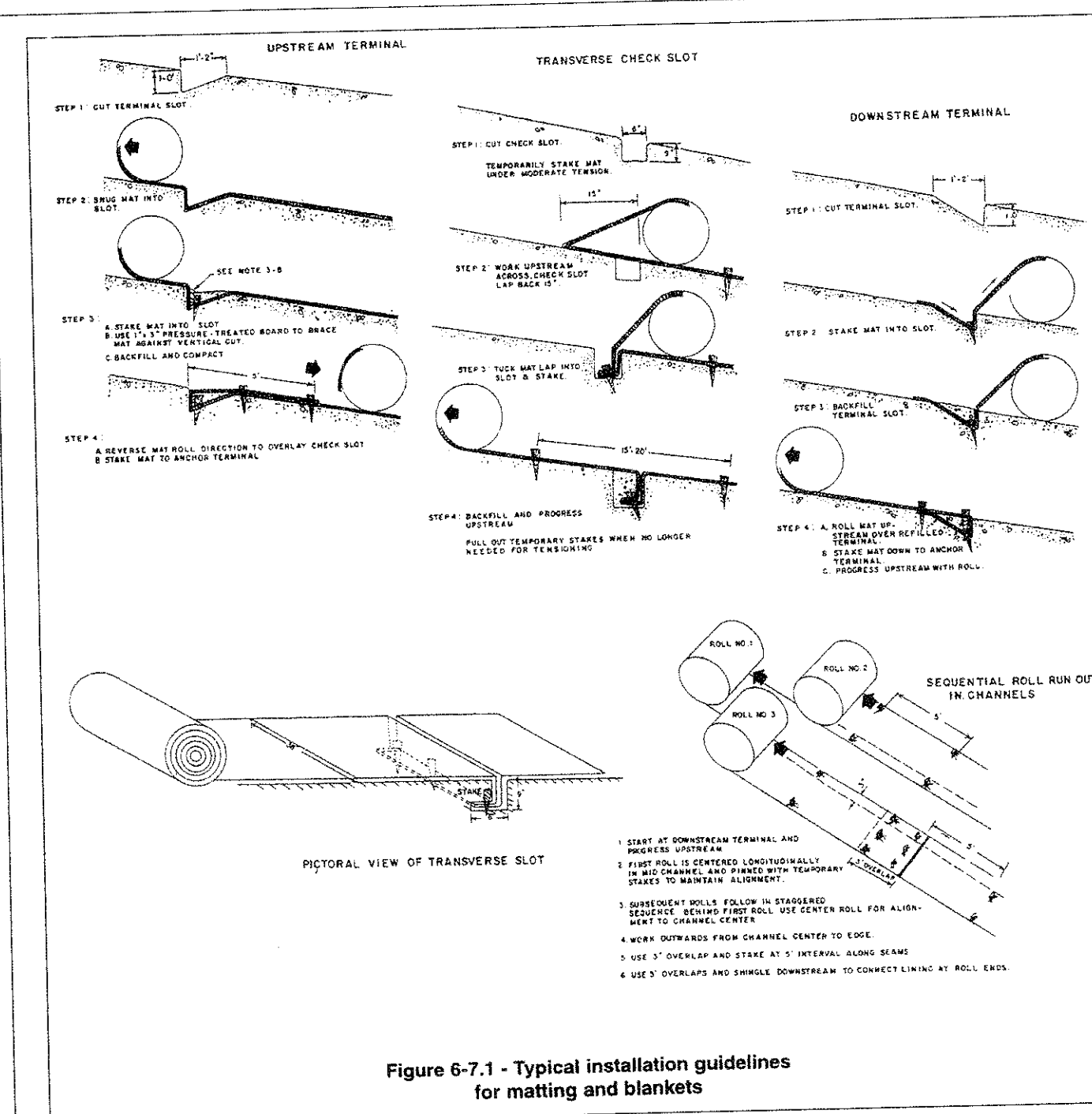


Figure 6-7.1 - Typical installation guidelines for matting and blankets

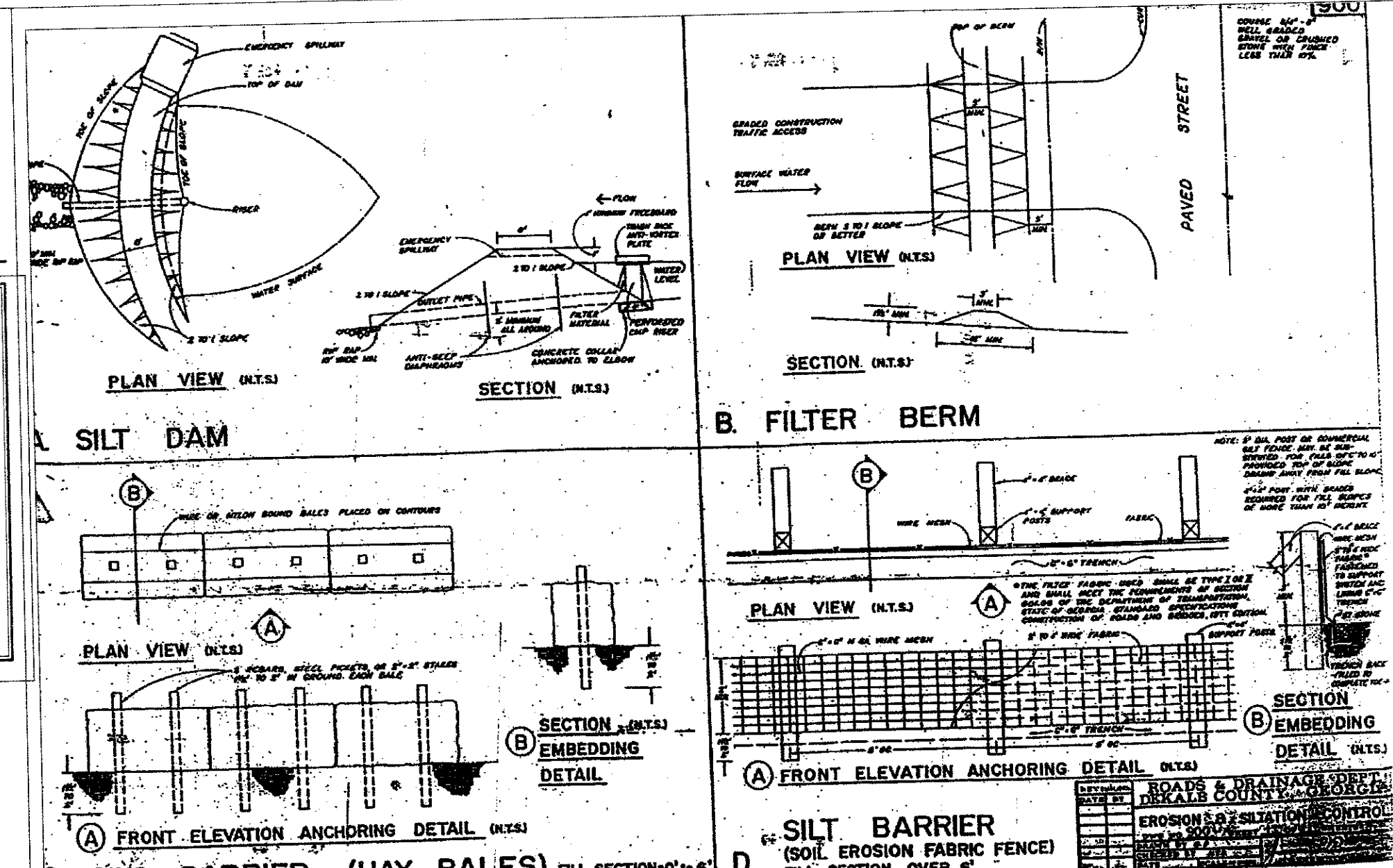
Mb EROSION CONTROL MATTING
N.T.S.

TEMPORARY SEDIMENT TRAP CALCULATIONS

TO BE SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN

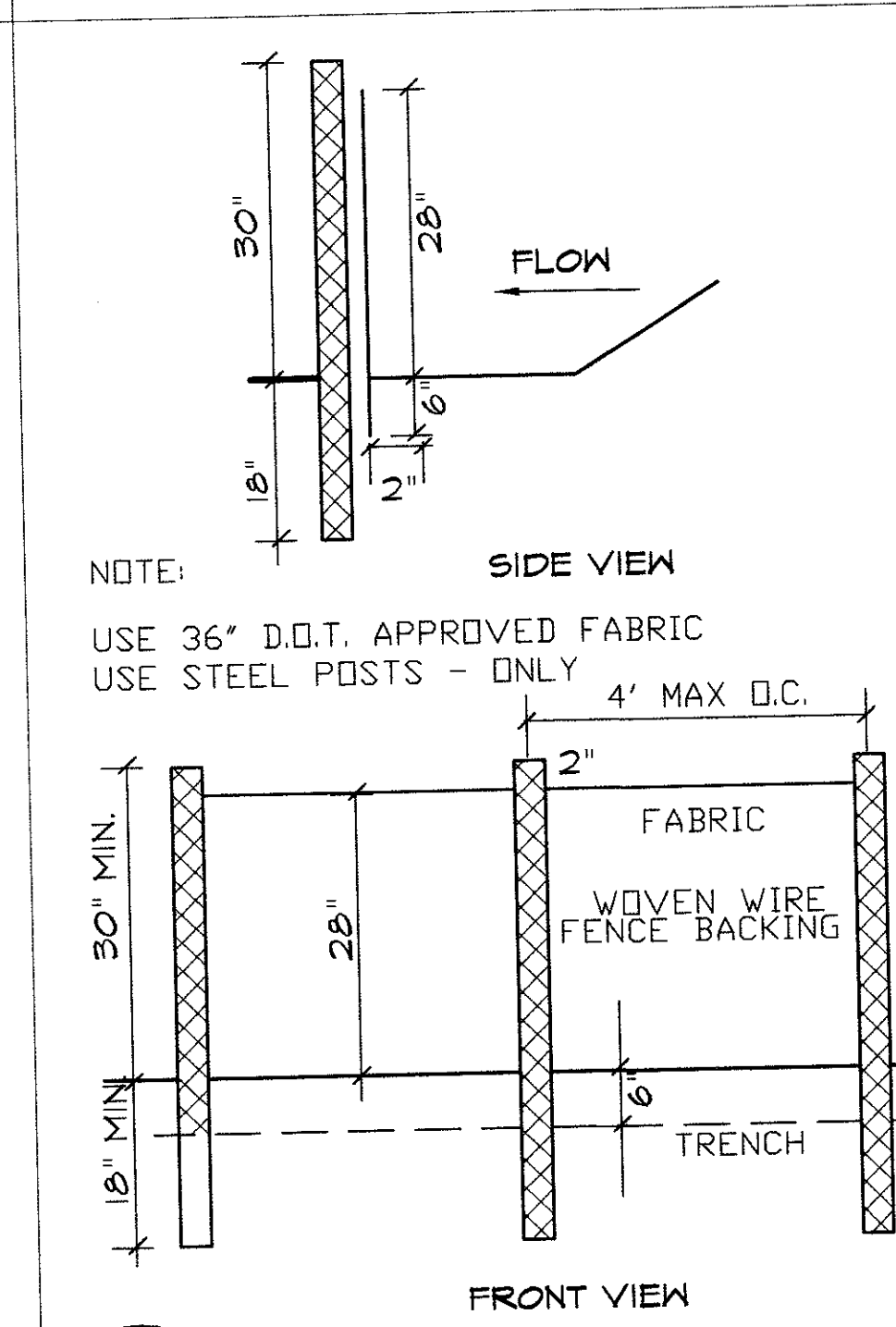
1. If the EXCAVATED INLET SEDIMENT TRAP is used, show the following information:
 - a. Drainage area = 0.125 ac
 - b. Required sediment storage = 67 cubic ft drainage area
 - c. Required sediment storage = 28 cu ft drainage area
 - d. Assume excavation depth (minimum of 1.5 ft) = 2.0 ft
 - e. Assume slope of sides (shall not be steeper than 2:1) = 2:1
 - f. Determine required surface area
 - g. $S_{Area} = \frac{Required\ sediment\ storage}{excavation\ depth}$
 - h. $S_{Area} = \frac{28}{2} = 14\ ft^2$
 - i. $S_{Area} = 28\ ft^2$
2. Assume the shape of excavation and determine dimensions. (A rectangular shape with 2:1 length to width ratio is recommended.)
3. Shape: Rectangular
4. Dimensions: $L = 12.25\ ft$, $w = 1.17\ ft$ diameter (if applicable) = 2.2 ft

Provide a detail showing the depth, length and width, or diameter (if applicable), and side slopes of the excavation.

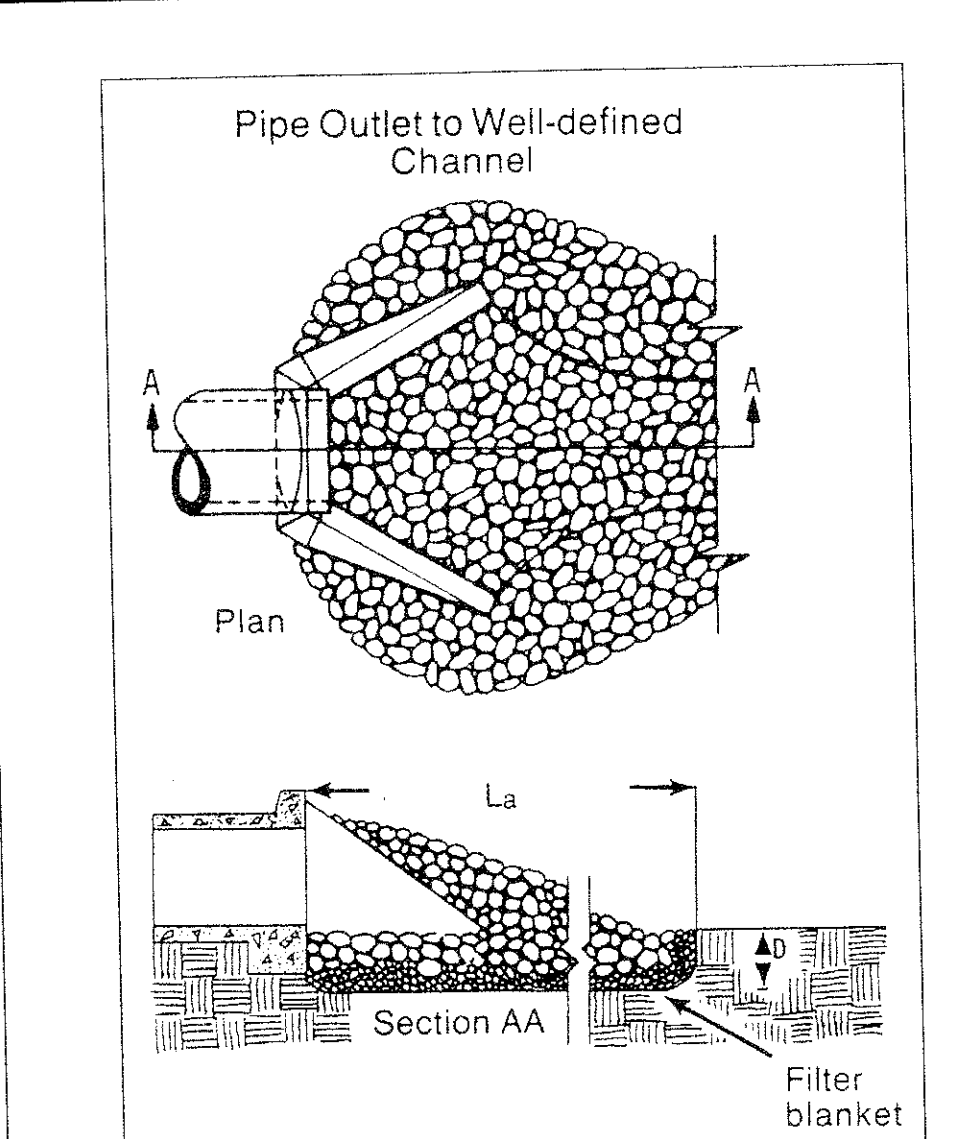


SD2 SILT BARRIERS
N.T.S.

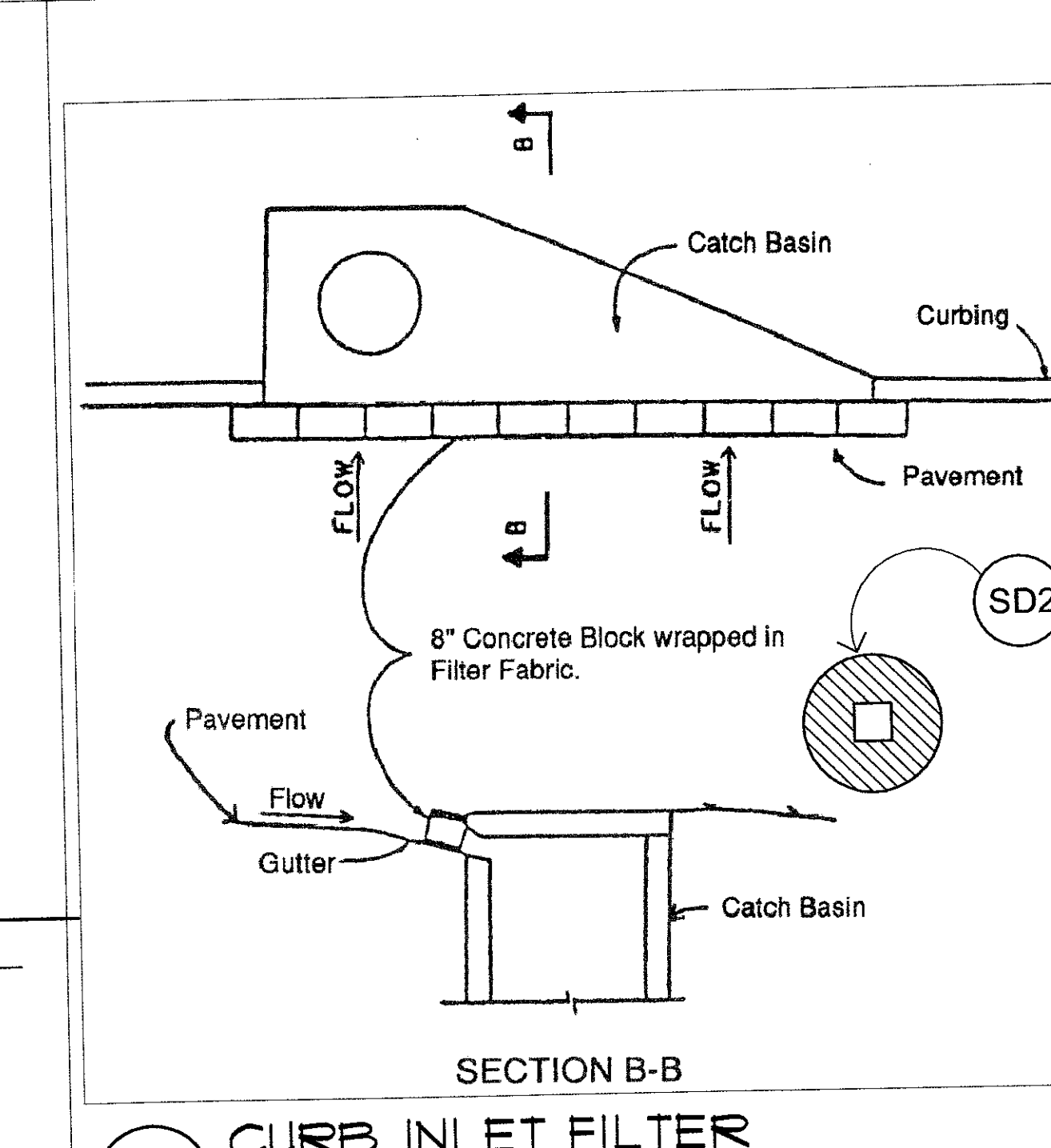
ST OUTLET PROTECTION
N.T.S.



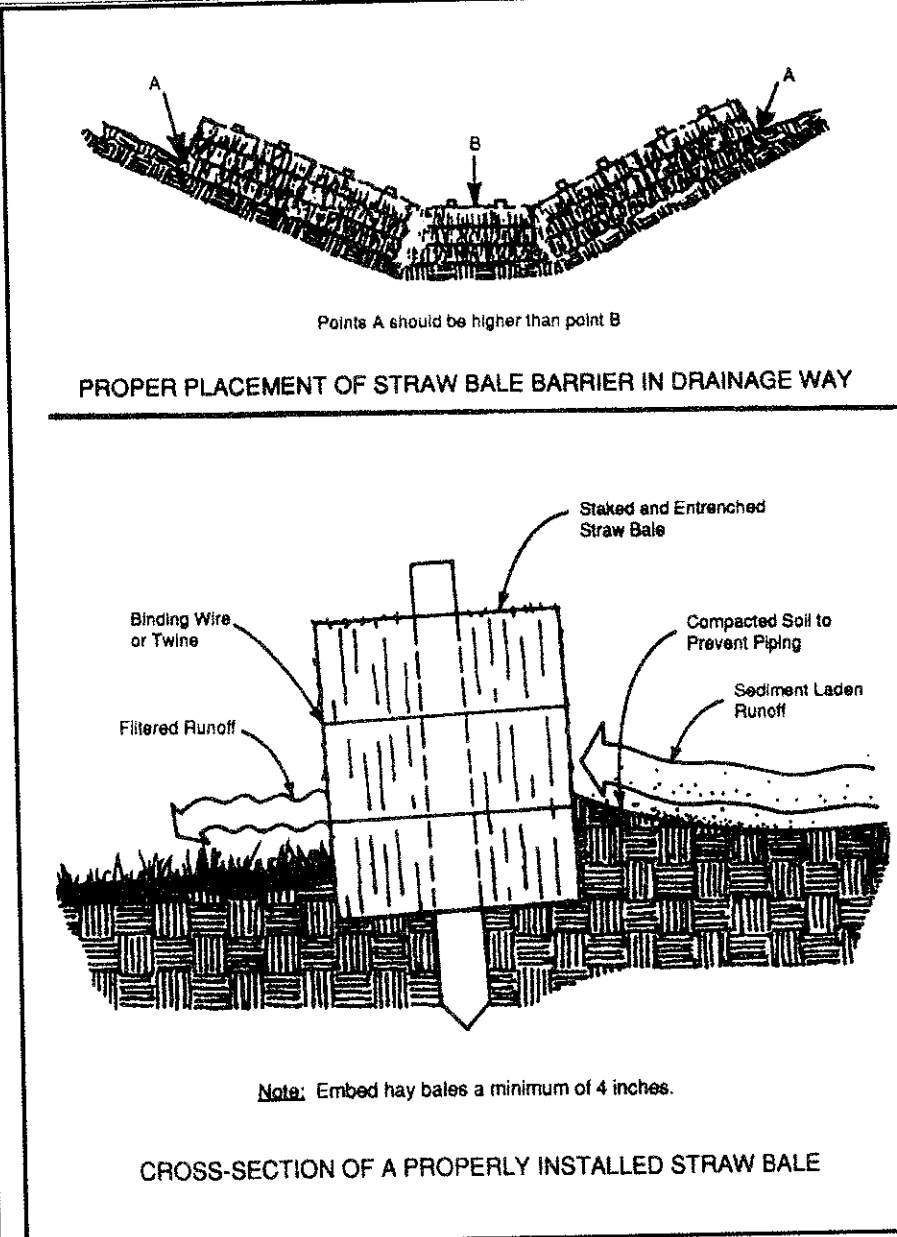
SD1-C SILT FENCE TYPE 'C'
N.T.S.



SD2 TEMPORARY SEDIMENT TRAP
N.T.S.



SD2 CURB INLET FILTER
N.T.S.



Cd-Hb HAYBALE CHECKDAM
N.T.S.

DO NOT BEGIN CONSTRUCTION BEFORE NOTIFYING DEKALB CO. INSPECTIONS-TEL. 371-2117

NOTES:
DEPTH BETWEEN 1' AND 2'
FLOW LENGTH MUST BE GREATER OR EQUAL SIDE SLOPE 2:1 OR FLATTER
INSTALL FLOC LOGS BY APPLIED POLYMER SYSTEMS, INC. OR EQUAL 678-494-5998.
INSTALL PER MANUFACTURERS RECOMMENDATIONS.

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PROJECT TITLE: **CHILDREN'S ADVENTURE GARDEN AT BROOK RUN PARK, 4770 N. PEACHTREE RD., DUNWOODY, GA. 30338**

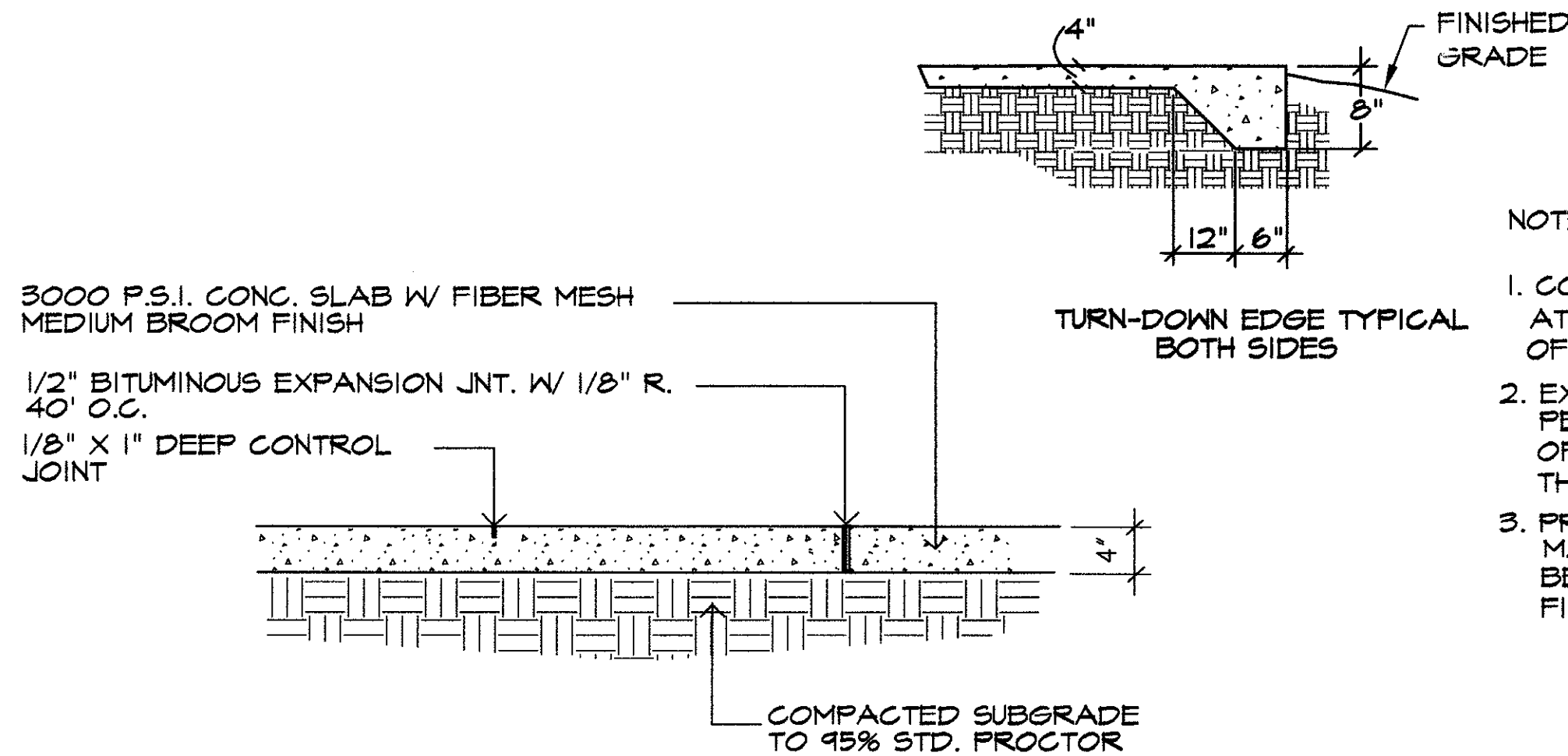
PREPARED FOR: **DEKALB COUNTY PARKS AND RECREATION, 3681 Chestnut Street, Scottdale, GA 30079**

REVISIONS
NO. DATE DESCRIPTION

RELEASE STATUS
 PROGRESS PRINT
 PERMIT RELEASE
 BID RELEASE
 CONSTRUCTION RELEASE
 RELEASE DATE

SCALE: **AS SHOWN**
DATE: **05-27-04**
PROJECT NUMBER: **23141**
DRAWING TITLE: **EROSION CONTROL DETAILS**

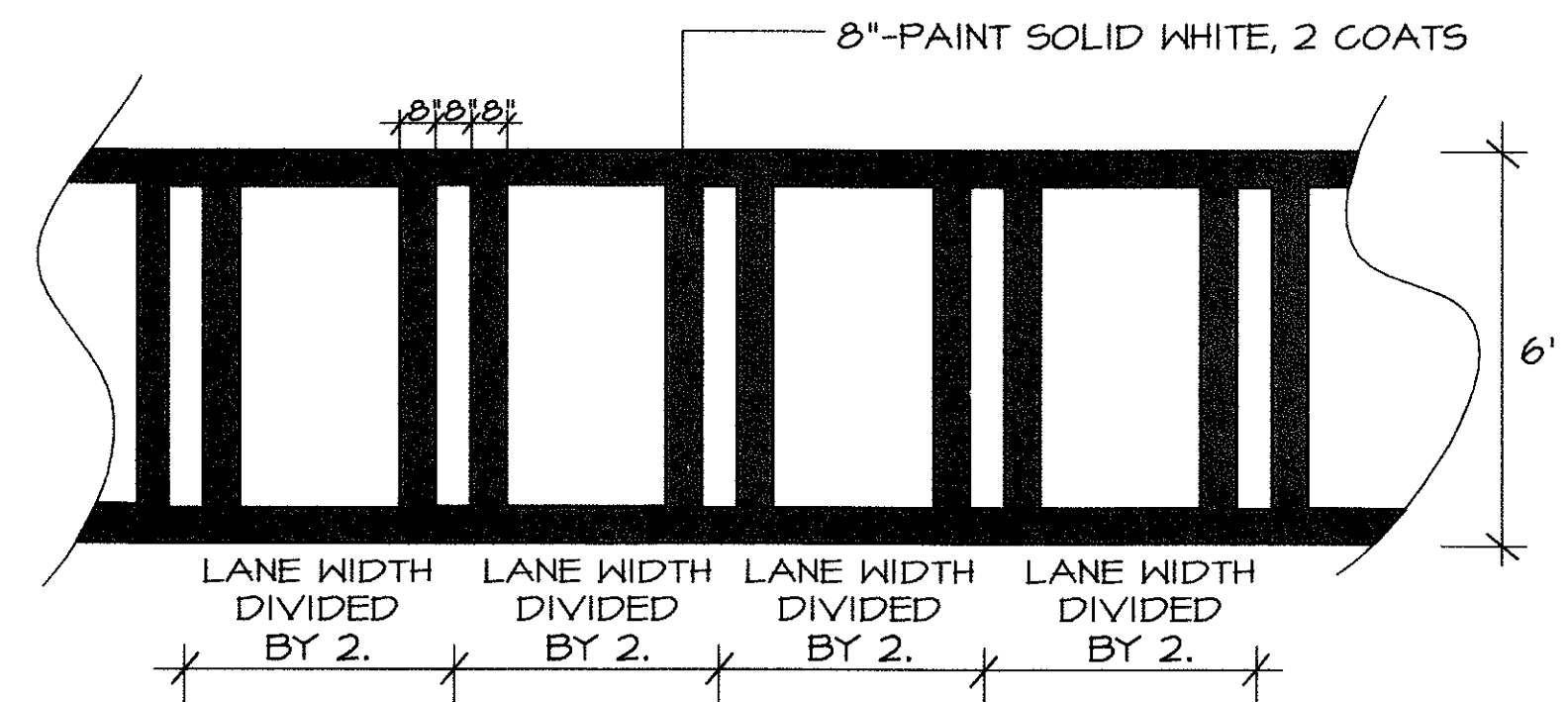
C-7.1
11 OF 36 SHEETS



CP CONCRETE PAVING
N.T.S.

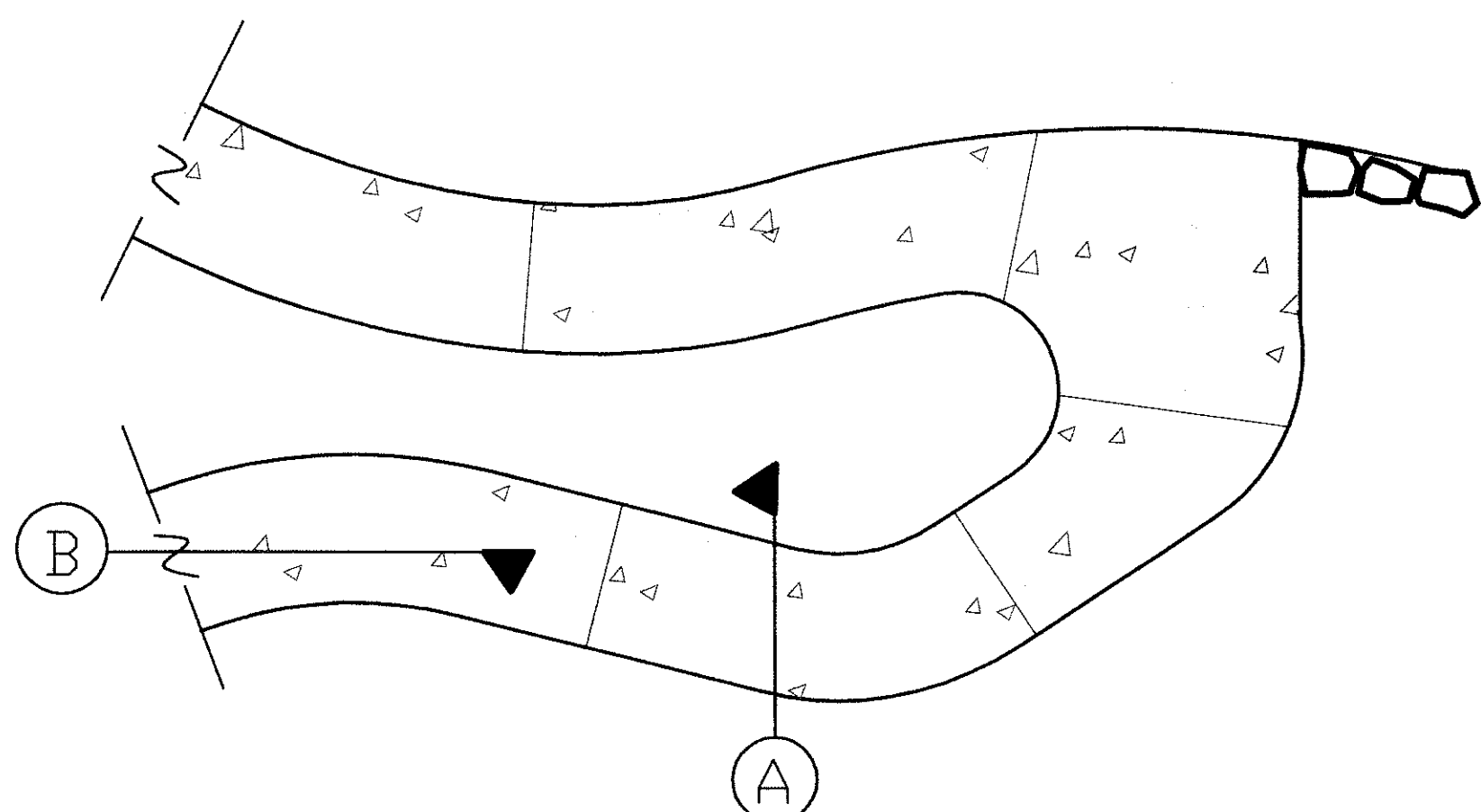
NOTES:

- CONTROL JOINTS SHALL OCCUR AT INTERVALS EQUAL TO THE WIDTH OF PAVING OR AS SHOWN ON DRAWINGS.
- EXPANSION JOINTS ARE TO BE PERPENDICULAR TO THE LENGTH OF THE SIDEWALK AND NOT MORE THAN 40' APART.
- PREFORMED BITUMINOUS EXPANSION MATERIAL SHALL BE PLACED BETWEEN CONCRETE AND ALL FIXED OBJECTS.
- ALL CONCRETE TO BE COLORED W/ CHROMIX ADMIXTURE; COLOR: 5130 SPRING BEIGE MEDIUM BROOM FINISH OR EQUAL.
- STAMPED CONCRETE AREAS: FORM: CANYON STONE RANDOM INTERLOCKING ABC HARDENER: LITHOCHROME A-59 BEIGE CREAM RELEASE: LITHOCHROME ANTIQUING RELEASE 5911 WALNUT
- AGGREGATE CONCRETE PAVING AREA: SMALL ALABAMA GOLD PEA GRAVEL FOR AGGREGATE + SEED IN BLACK MEXICAN BEACH PEPPLES AT SURFACE.
- WHERE CONCRETE PAVING IS NOT ADJACENT TO WALLS, CURB, AND OR STRUCTURES, REFER TO TURN-DOWN EDGE DETAIL.

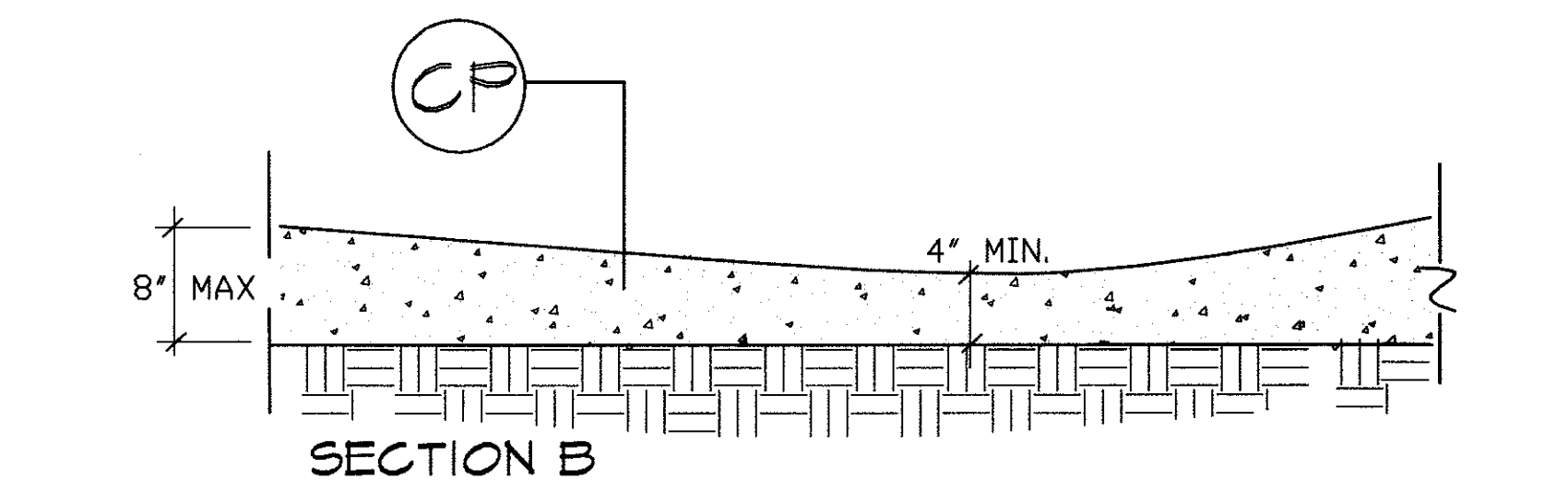


CW CROSS WALK
N.T.S.

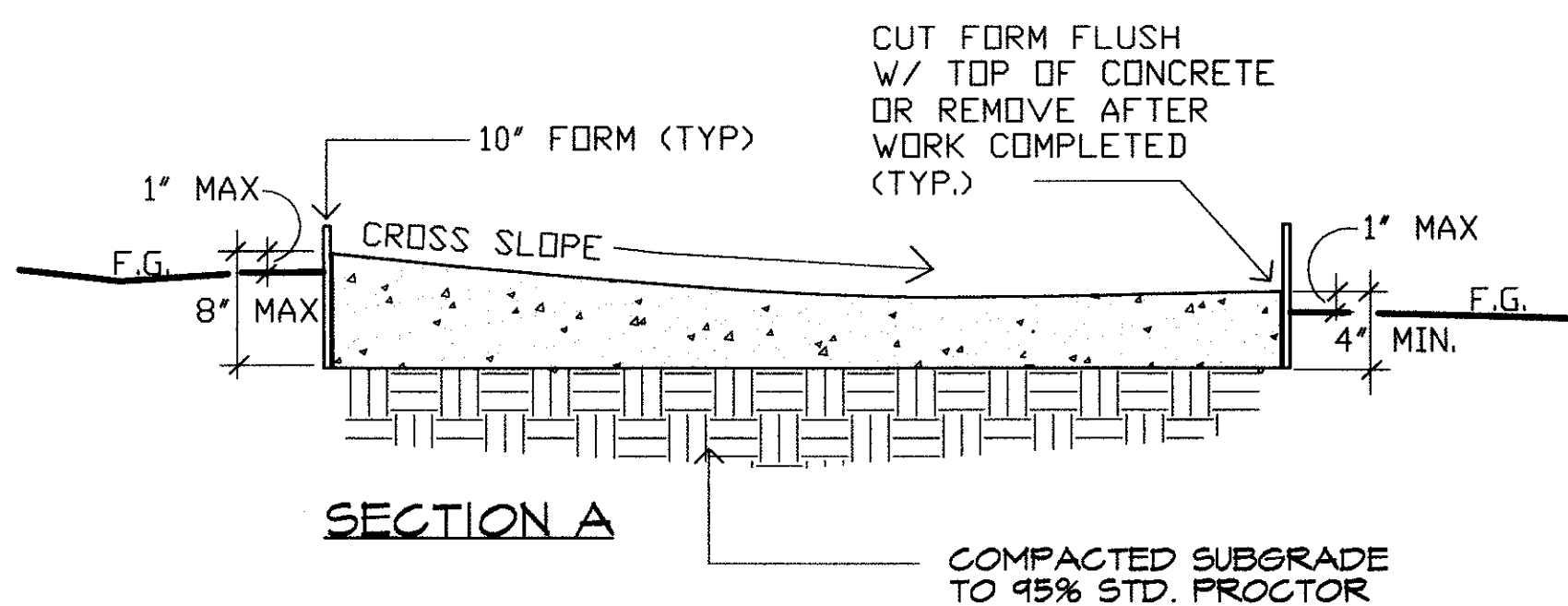
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INSPECTIONS-TEL. 371-2117



PLAN



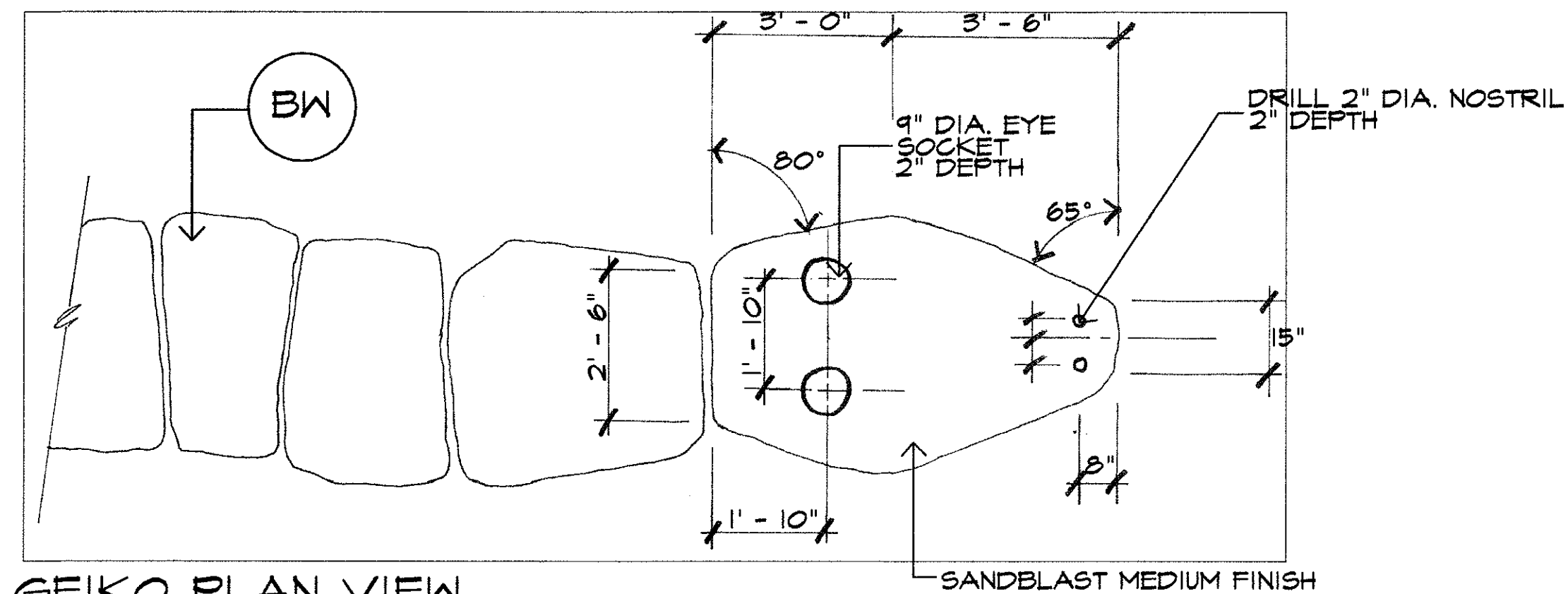
SECTION B



SECTION A

- NOTES:**
- CONCRETE WALK THICKNESS VARIES SEE GRADING PLAN.
 - CONTRACTOR SHALL FORM & COORDINATE POUR WITH LANDSCAPE ARCHITECT.

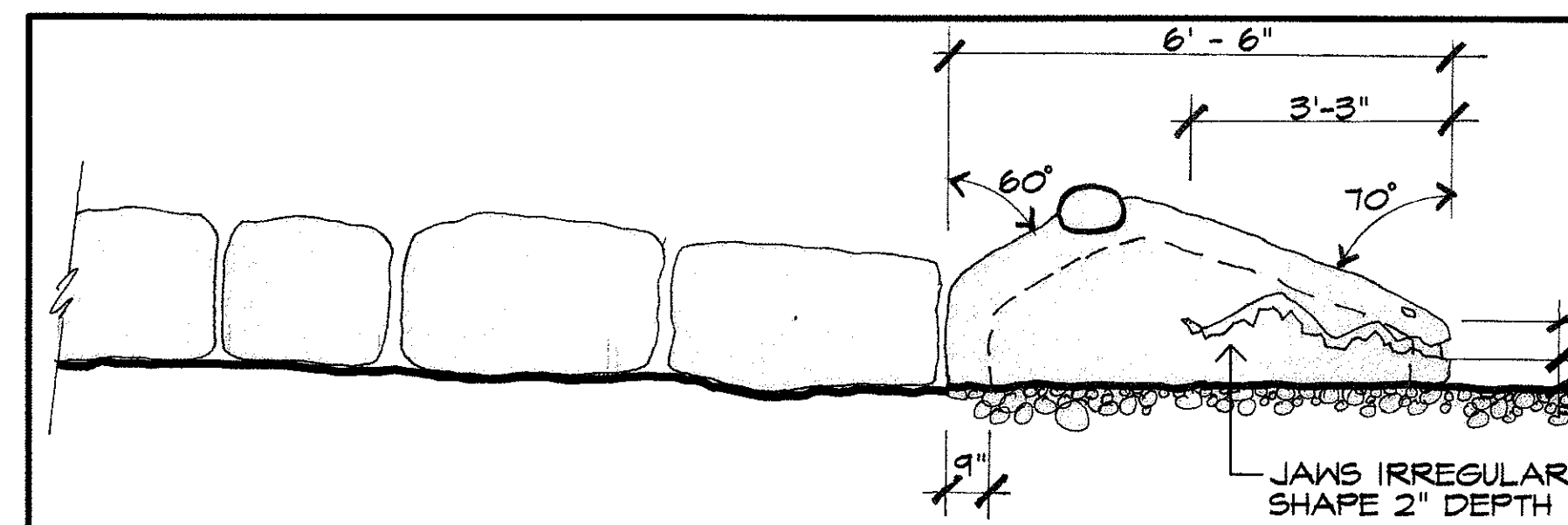
WW WAVY WALK
N.T.S.



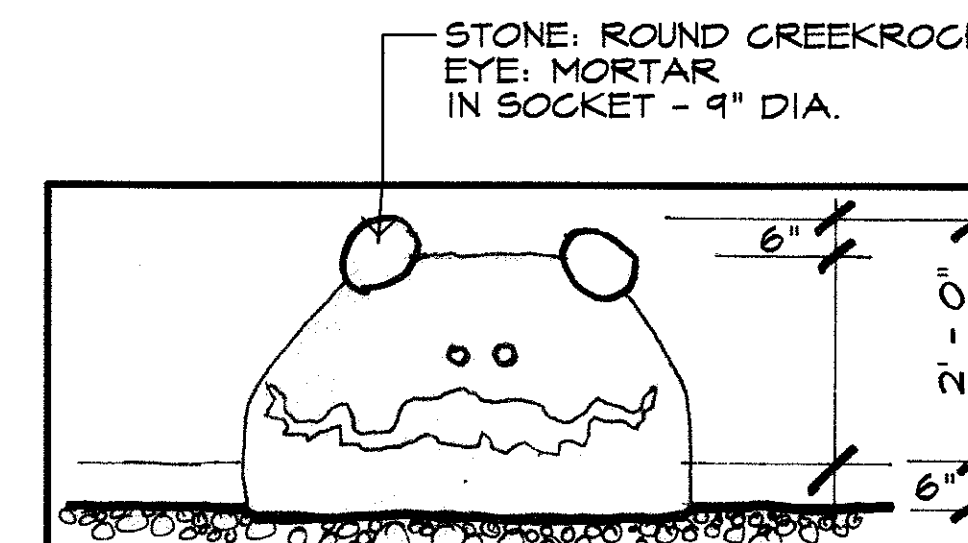
GEIKO PLAN VIEW

- NOTES:**
- SERPENT HEAD: MOLDED CAST STONE, COLOR: MATCH ADOBE TAN L.M. SCOFIELD CO. OR EQUAL.
 - CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PRIOR TO FABRICATION.
 - CAST STONE HEAD FABRICATION BY ARCHITECTURAL ORNAMENTAL CASTINGS, INC. 404-378-6458, OR EQUAL.

GH CAST STONE GEIKO HEAD
SCALE: 1/2" = 1'-0"



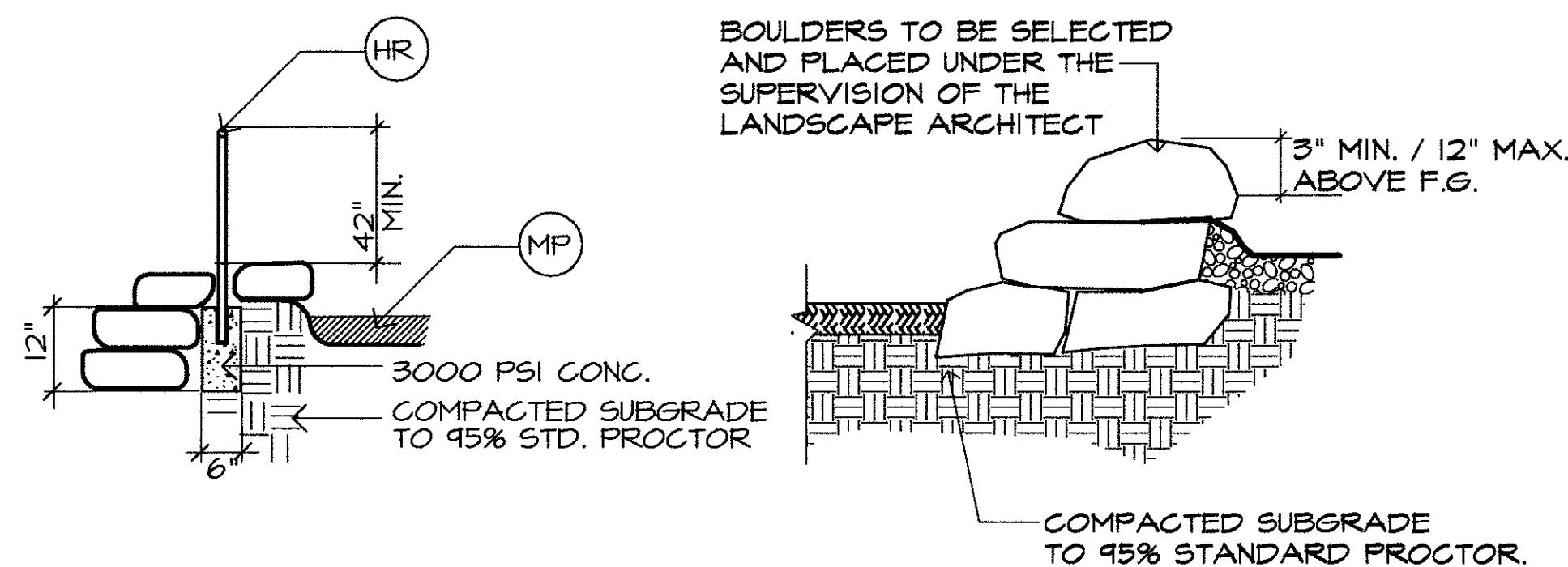
GEIKO SIDE ELEVATION



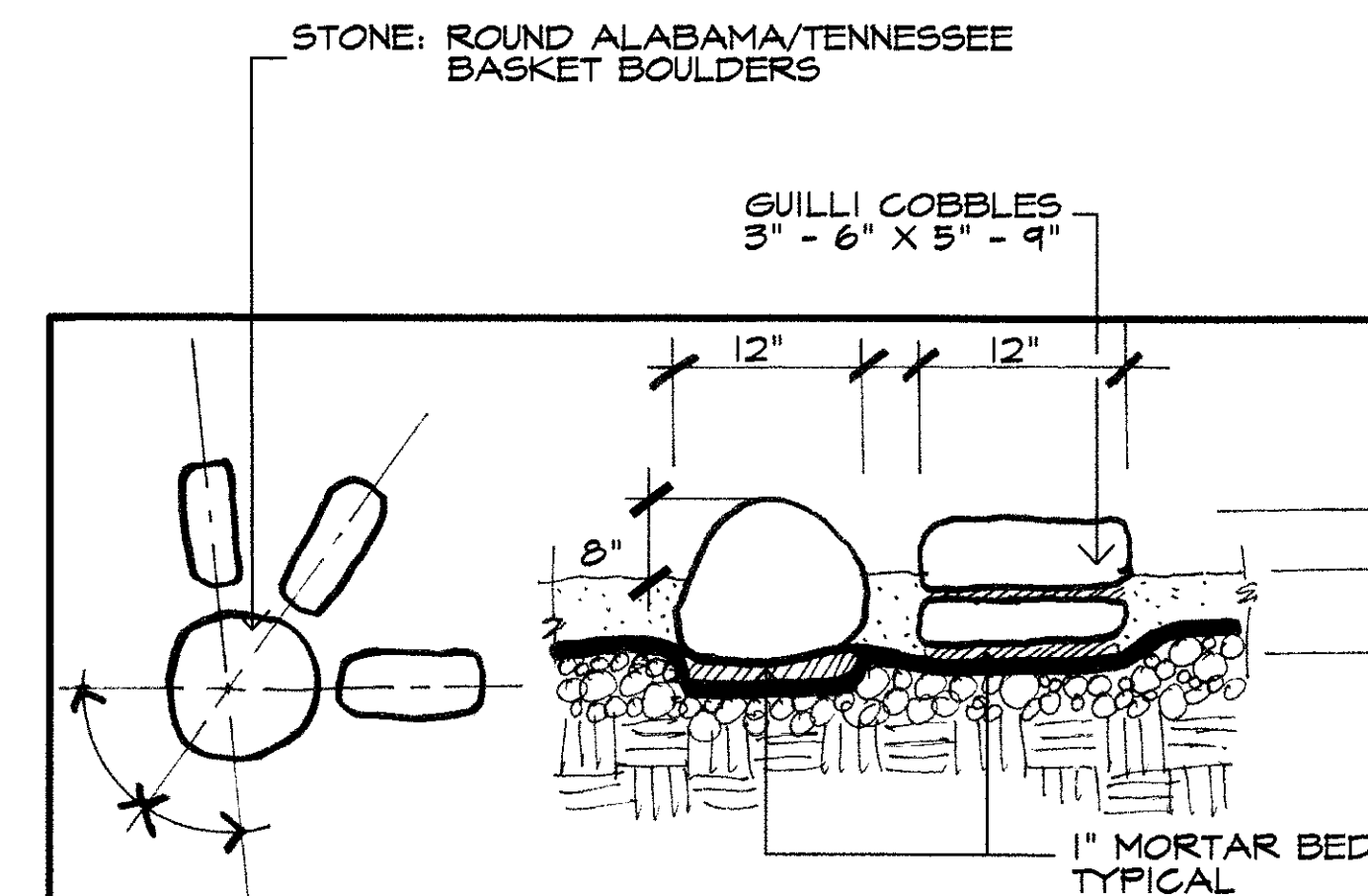
FRONT ELEVATION

NOTES:

- BOULDERS SHALL BE DRY STACKED
- BACKFILL ALL BOULDERS W/ STONE FRAGMENTS OR #57 STONE TO FILL OPENINGS TO PREVENT EROSION THROUGH WALLS.
- CAP BOULDERS SHALL BE A MINIMUM SIZE OF 2' WIDE X 3' LONG X 2' THICK AND HAVE A TOP SURFACE SHAPED AS FOLLOWS: IRREGULAR ROUNDED WITH SOME FLAT SURFACES.
- THE CONTRACTOR'S BID SHALL INCLUDE THE COST OF ALL CONSTRUCTION INCLUDING BUT NOT LIMITED TO PROVIDING ALL BOULDERS FROM AN APPROVED OFF-SITE SOURCE.
- IF BOULDERS ARE UNCOVERED ON-SITE DURING EARTH WORK OPERATIONS, THE CONTRACTOR SHALL STOCKPILE THEM NEAR THE PROPOSED BOULDER CONSTRUCTION.
- BOULDERS SHALL BE "CARTER ROCK" AVAILABLE FROM THE FIELDSTONE CENTER CONYERS, GA. (770) 483-6710 OR EQUAL.



BW CARDEROCK RETAINING WALL
N.T.S.

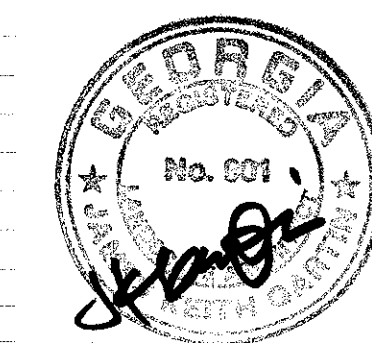


PLAN

SECTION

GF GEIKO FOOT
SCALE: 1" = 1'-0"

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PROJECT TITLE **CHILDREN'S ADVENTURE GARDEN**
AT BROOK RUN PARK
4770 N. PEACHTREE RD.
DUNWOODY, GA. 30338
PREPARED FOR **DEKALB COUNTY PARKS AND RECREATION**
3661 Chestnut Street
Scottdale, GA 30079

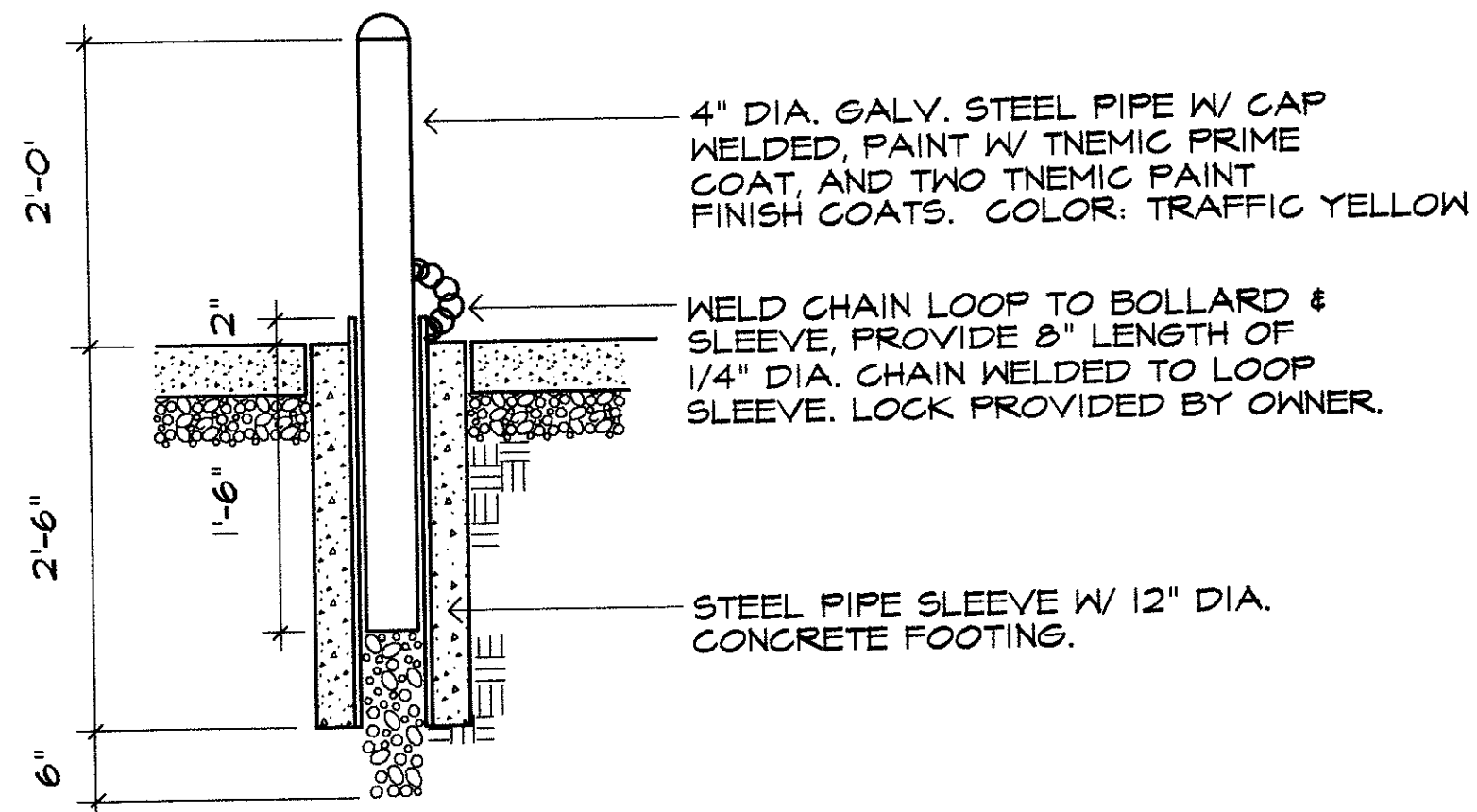
REVISIONS		
NO.	DATE	DESCRIPTION

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 RELEASE DATE

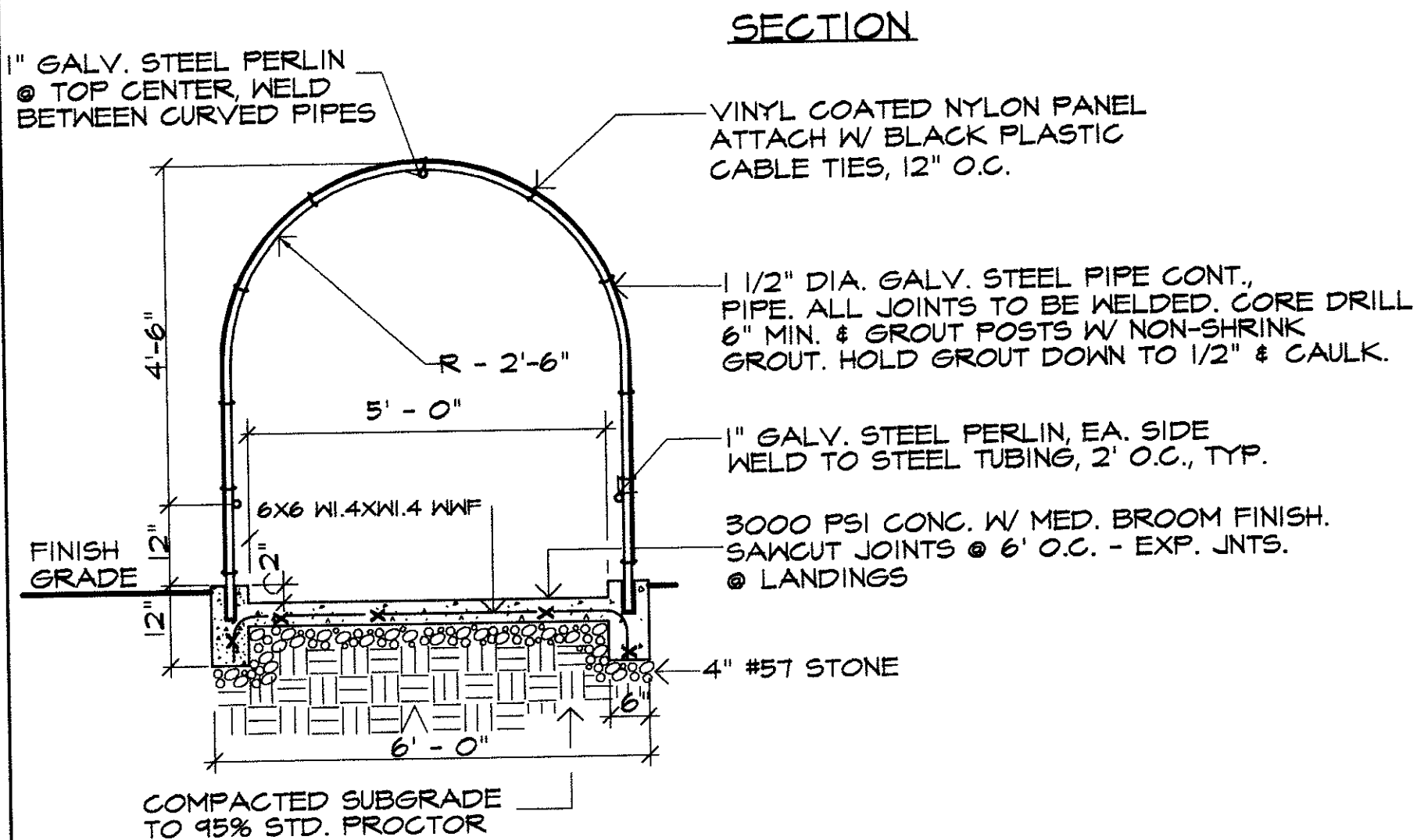
SCALE:
AS SHOWN
 DATE:
05-27-04
 PROJECT NUMBER:
23141
 DRAWING TITLE

SITE DETAILS

C - 8.0
 12 OF 36 SHEETS



SP REMOVABLE STEEL PIPE BOLLARD
N.T.S.

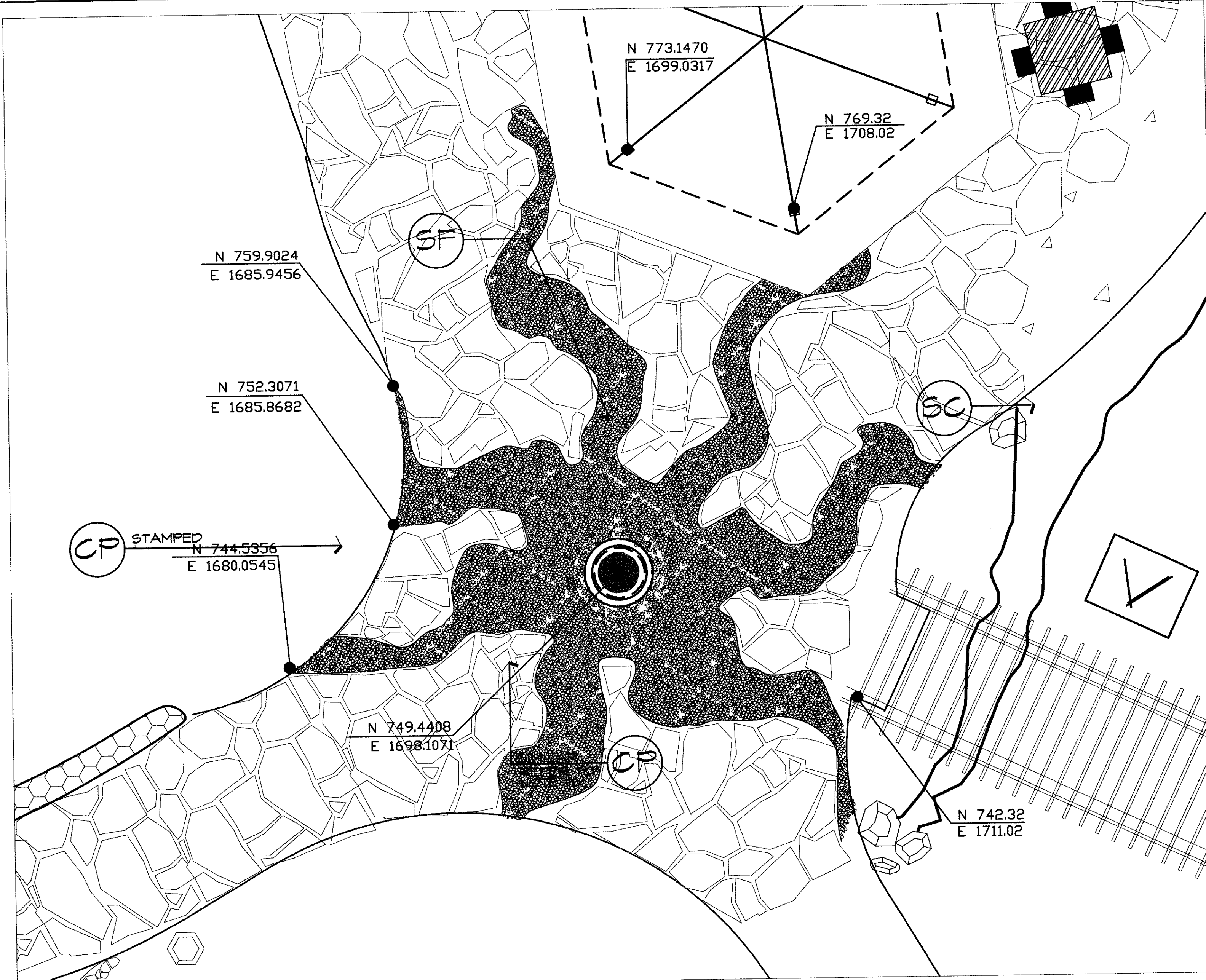


SECTION

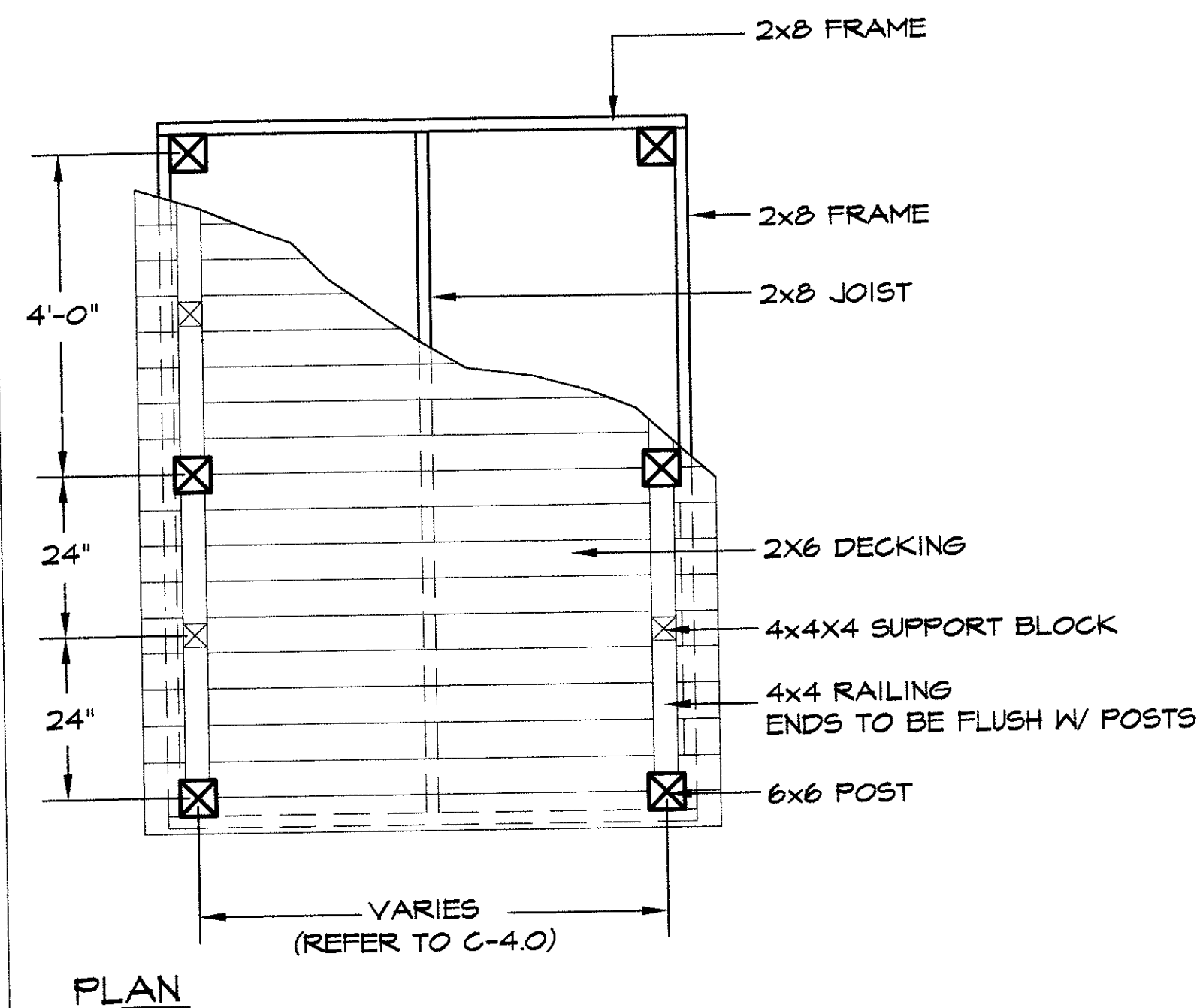
PLAN

NOTE:
1. NYLON MATERIAL SHALL BE 18 OZ. VINYL COATED NYLON, SEAM JOINTS OVERLAP 1" FINISH ALL EDGES W/ 1" SEAM EDGE.

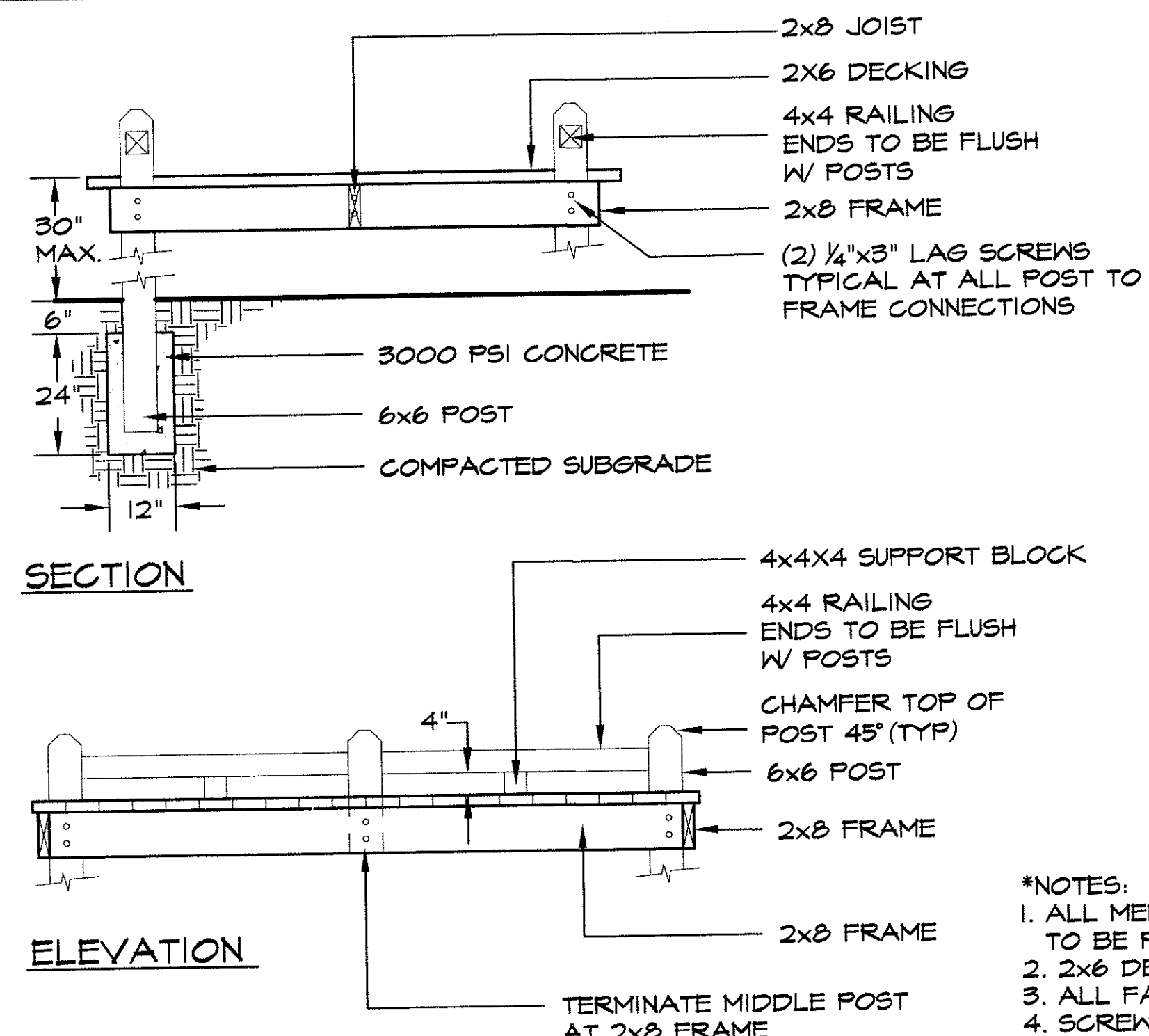
ST STEEL TRELLIS
N.T.S.



PA PLAZA AREA
SCALE: 1/4" = 1'



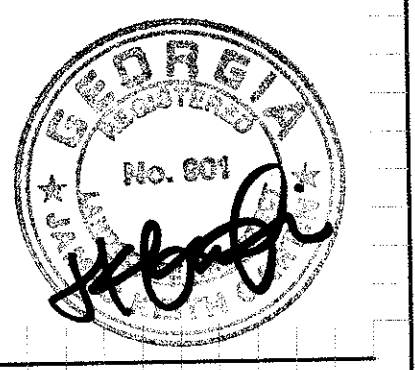
TB TIMBER BRIDGE
SCALE: 1/2" = 1'-0"



*NOTES:
1. ALL MEMBERS WITH THE EXCEPTION OF 2x6 DECKING TO BE PRESSURE TREATED YELLOW PINE.
2. 2x6 DECKING TO BE TREK DECK OR EQUAL.
3. ALL FASTENERS TO BE HOT DIP GALVANIZED
4. SCREW DECKING TO FRAME AND JOIST.

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PROJECT TITLE: **CHILDREN'S ADVENTURE GARDEN AT BROOK RUN PARK**
4770 N. PEACHTREE RD. DUNWOODY, GA. 30338

PREPARED FOR: **DEKALB COUNTY PARKS AND RECREATION**
3661 Chestnut Street
Scottsdale, GA. 30079

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NO.	DATE	DESCRIPTION

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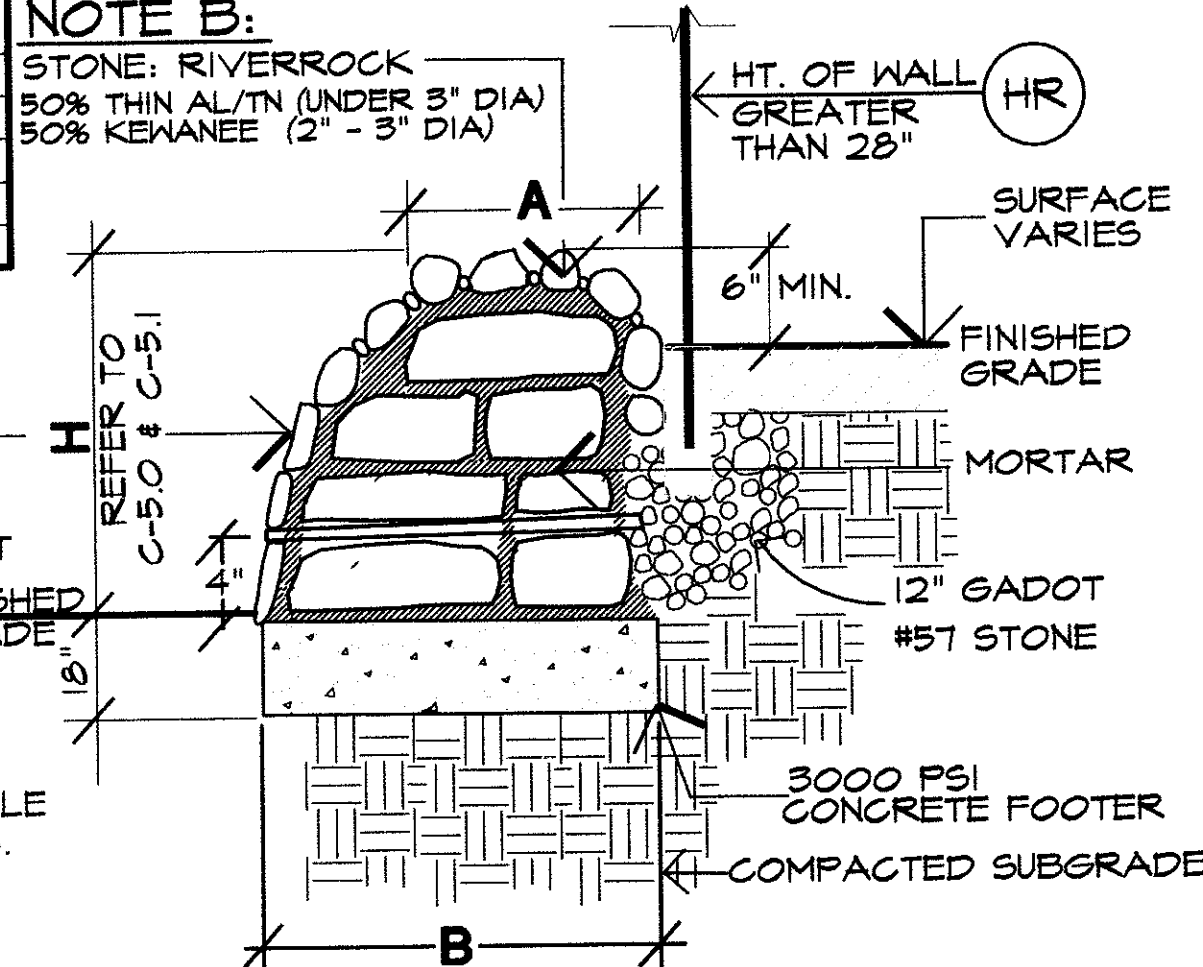
SCALE: **AS SHOWN**
 DATE: _____
 PROJECT NUMBER: **23141**
 DRAWING TITLE: _____

HEIGHT OF WALL (FT)	THICKNESS A (MIN. FT)	TOP FOOTING WIDTH B (FT)
2	12"	1'-6"
3	12"	1'-6"
4	12"	1'-8"
5	12"	2'-0"
6	12"	2'-5"

NOTE B:
 STONE, RIVERROCK
 50% THIN AL/TN UNDER 3" DIA
 50% KENANEE (2" - 3" DIA)

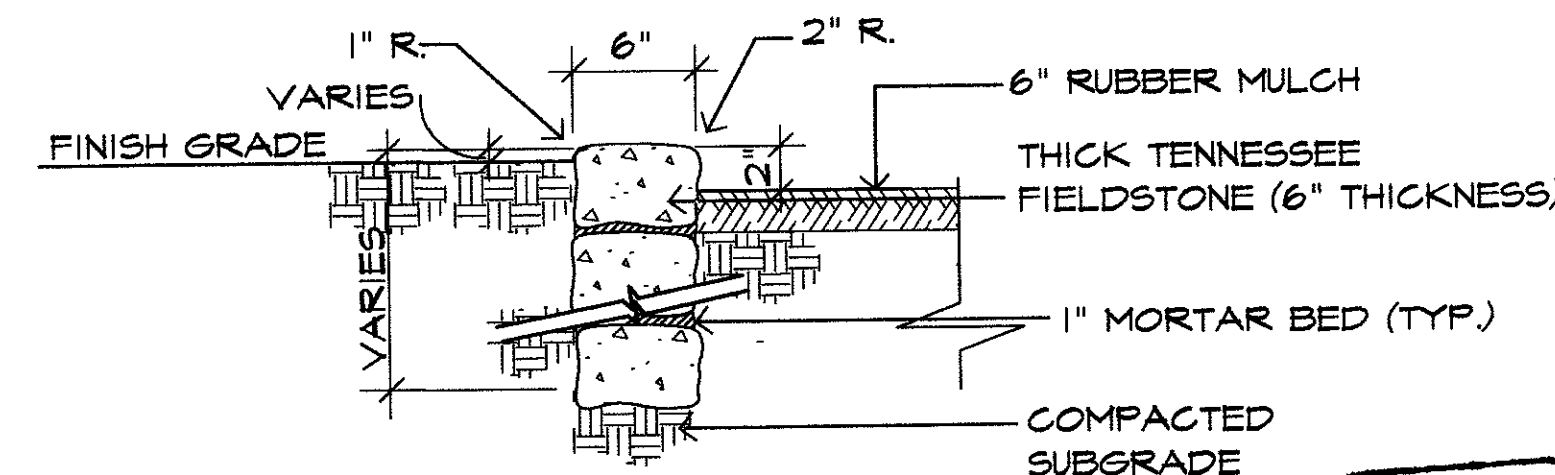
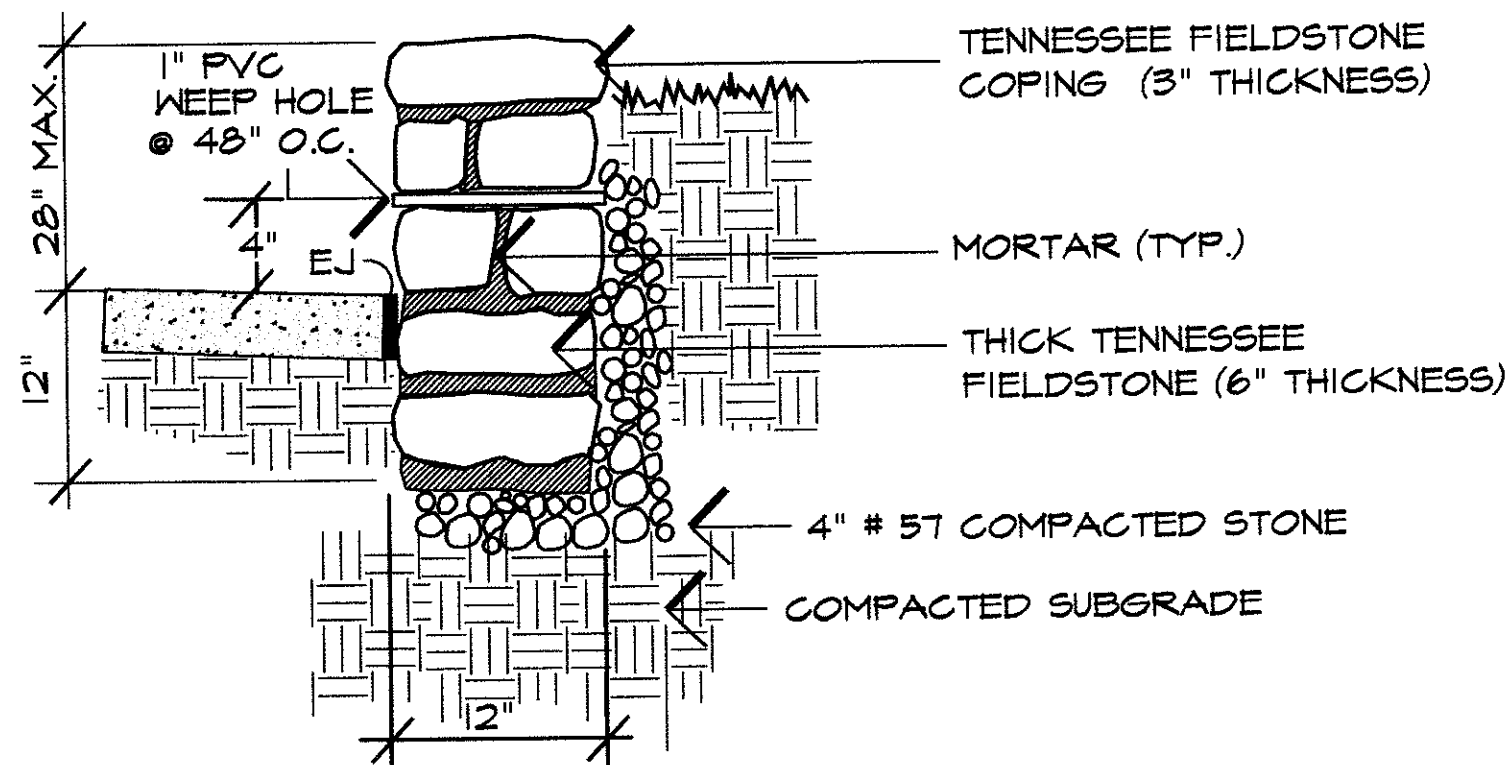
NOTE A:

- STONE: WEATHERED FIELDSTONE
- TENNESSEE FIELDSTONE COPING (2" - 3") (TAN)
 - THIN SMOKEY MOUNTAIN FIELDSTONE (TAN) LAID FLAT
 - THIN TENNESSEE FIELDSTONE (GREEN)
 - MAX. WALL HT. 4'-0"



RW1 RUBBLE WALL - SECTION
 N.T.S.

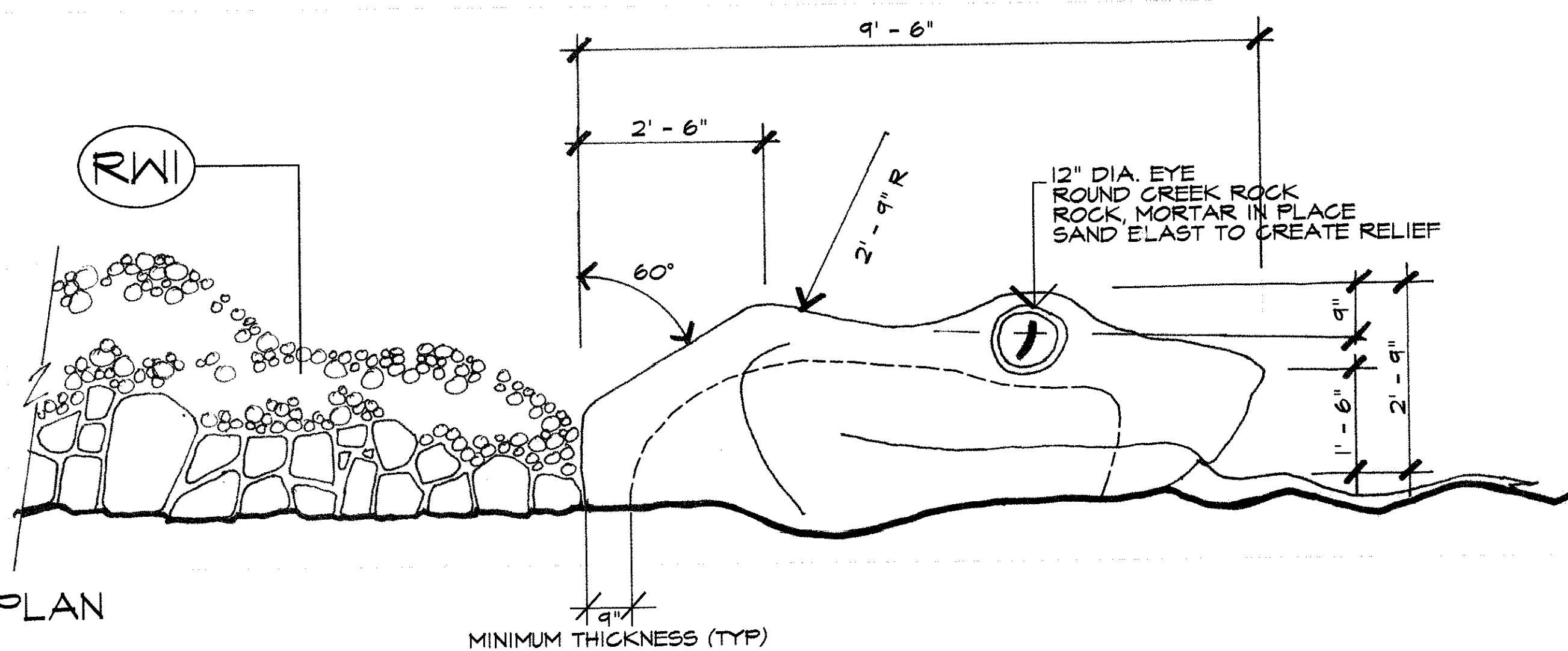
RW2 RUBBLE WALL - SECTION
 N.T.S.



NOTE:
 1. INSTALL A MINIMUM OF TWO STONE COURSES BELOW FINISH GRADE.

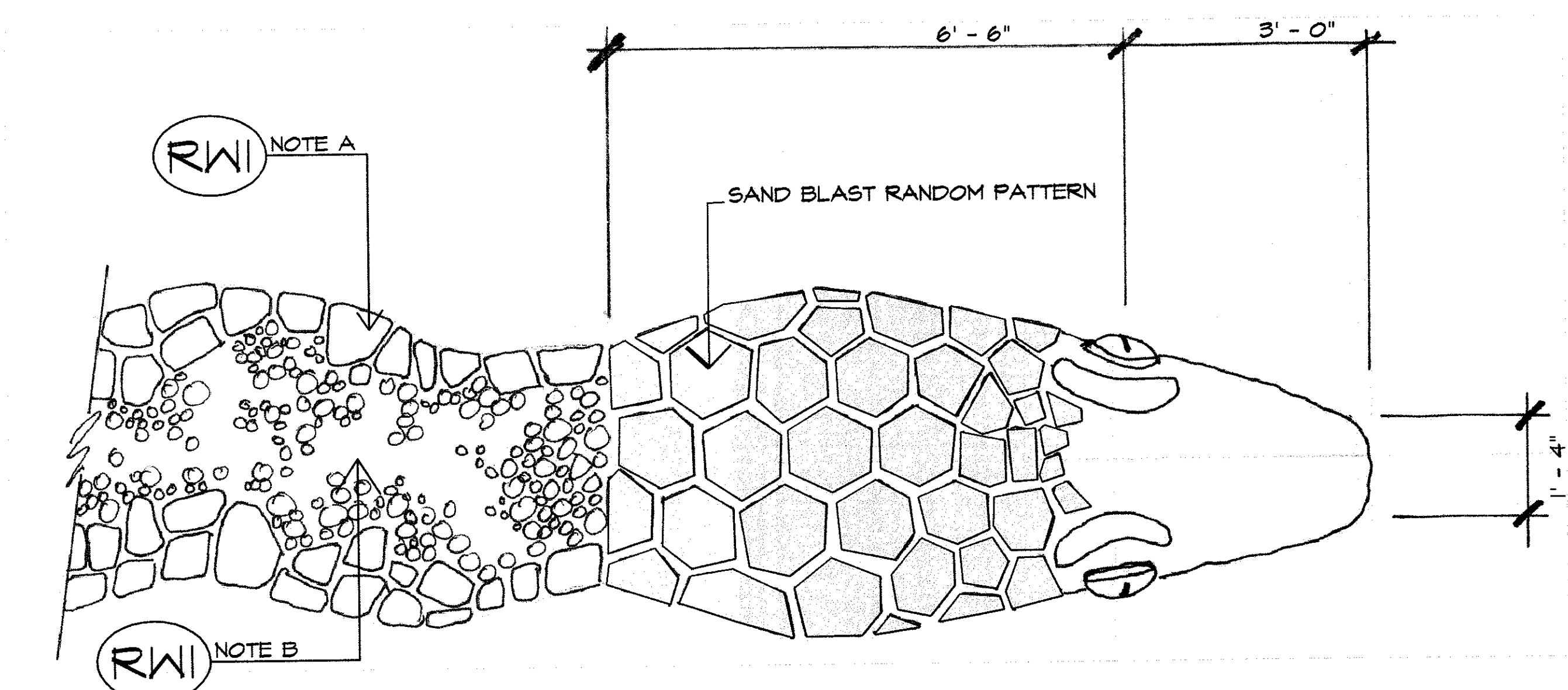
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RC ROCK CURB
 N.T.S.



RW1

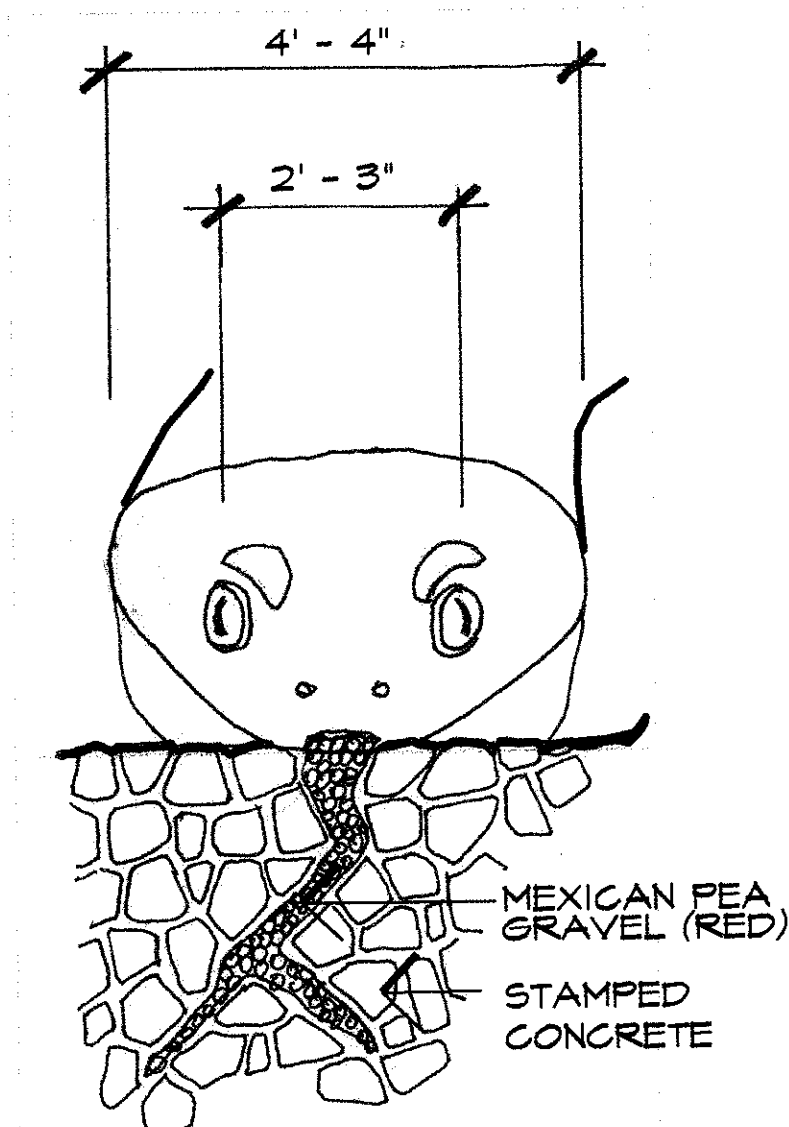
PLAN



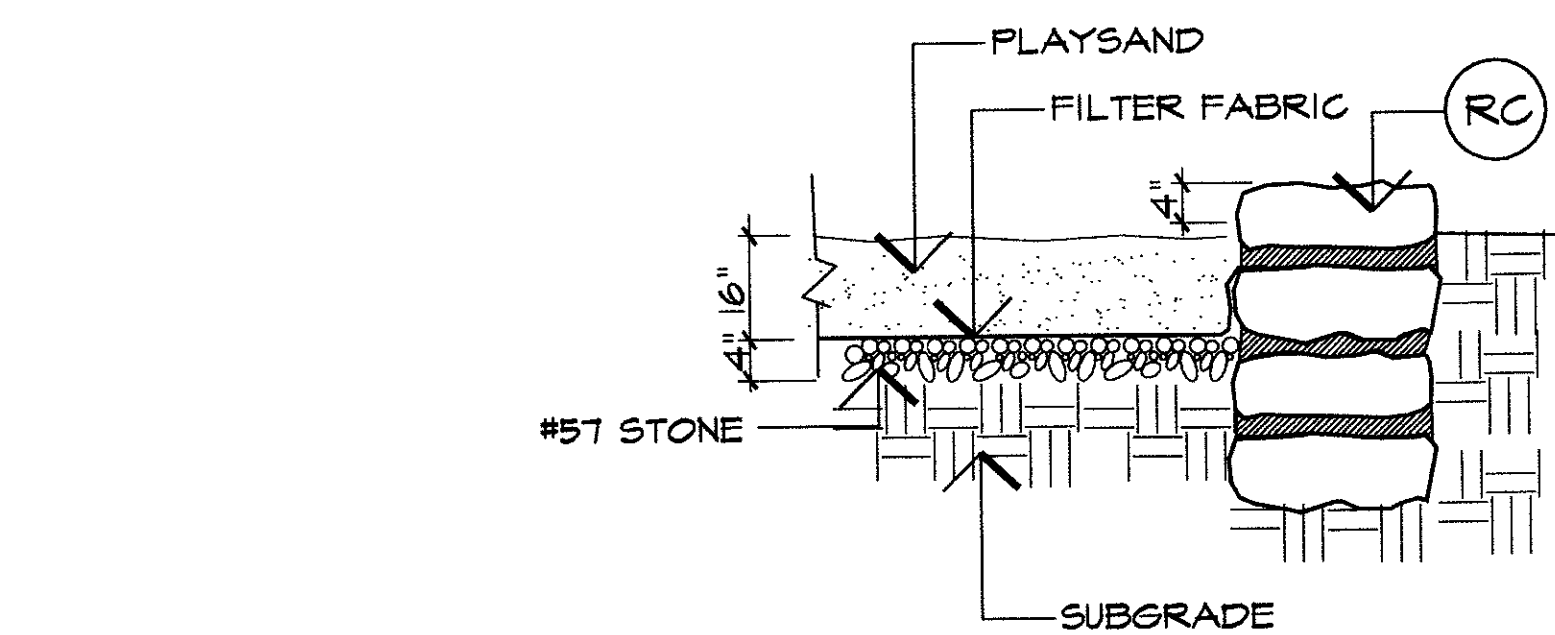
SERPENT HEAD ELEVATION

SH CAST STONE SNAKE HEAD
 N.T.S.

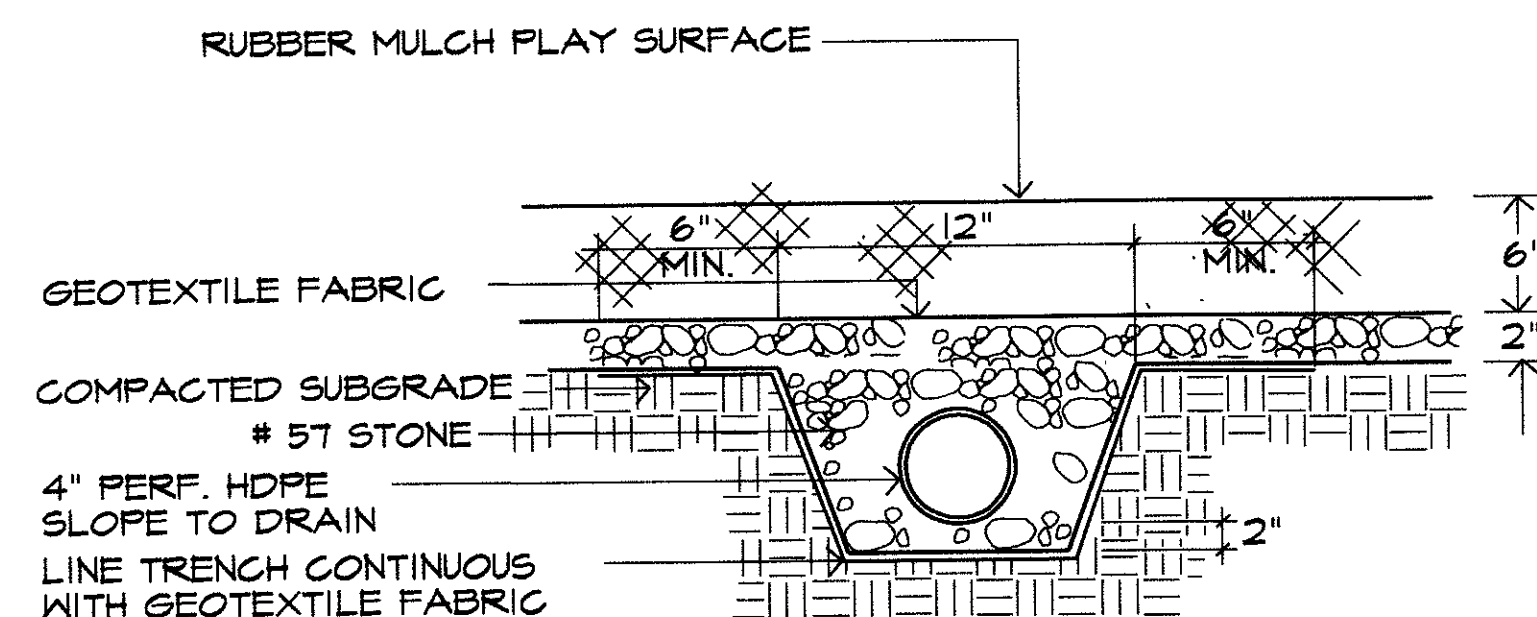
- NOTES:**
- WIDTH OF STONE WALL BASE VARIES TO CREATE AN ORGANIC SHAPE OF THE SERPENT'S BODY.
 - THE SURFACE SHALL ALWAYS BE SLIGHTLY ANGLED AND ROUNDED W/ TRANSITIONS FROM A SLENDER PROFILE IN SOME AREAS AND A THICKER BODY IN OTHERS. (SEE PLAN)
 - THE HEAD SHALL BE CAST STONE, COLOR TO MATCH ADOBE TAN BY L.M. SCOFIELD CO. OR EQUAL.
 - SAND BLAST RANDOM PATTERN ON CAST STONE, MEDIUM FINISH.
 - CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PRIOR TO FABRICATION.
 - CAST STONE HEAD FABRICATION BY ARCHITECTURAL ORNAMENTAL CASTINGS, INC. 404-378-6458, OR EQUAL.



FRONT VIEW

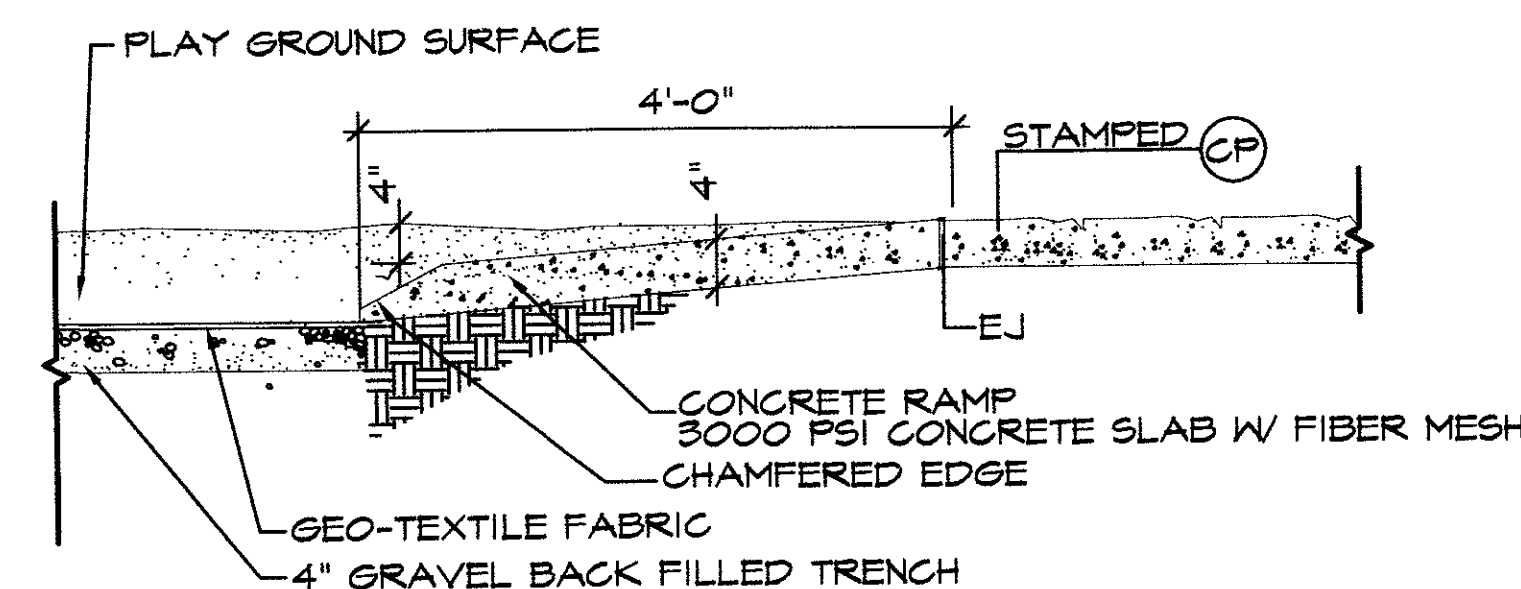


SA SAND PLAY AREA
 N.T.S.



NOTE: PERFORATED PIPE TO CONNECT TO 6" OUTLET PIPE, SMOOTH NON-PERFORATED. ALL PIPE HIGH DENSITY POLYETHYLENE

MP MULCH PLAY SURFACE W/ DRAIN PIPE
 N.T.S.



PR PLAYGROUND RAMP
 N.T.S.

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PROJECT TITLE CHILDREN'S ADVENTURE GARDEN
 AT BROOK RUN PARK
 4770 N. PEACHTREE RD.
 DUNWOODY, GA. 30338

PREPARED FOR DEKALB COUNTY PARKS AND RECREATION
 3681 Chestnut Street
 Scottdale, GA 30079

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DATE:
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PROJECT NUMBER:
 23141
DRAWING TITLE:
 SITE DETAILS

UPPER POND EQUIPMENT LEGEND

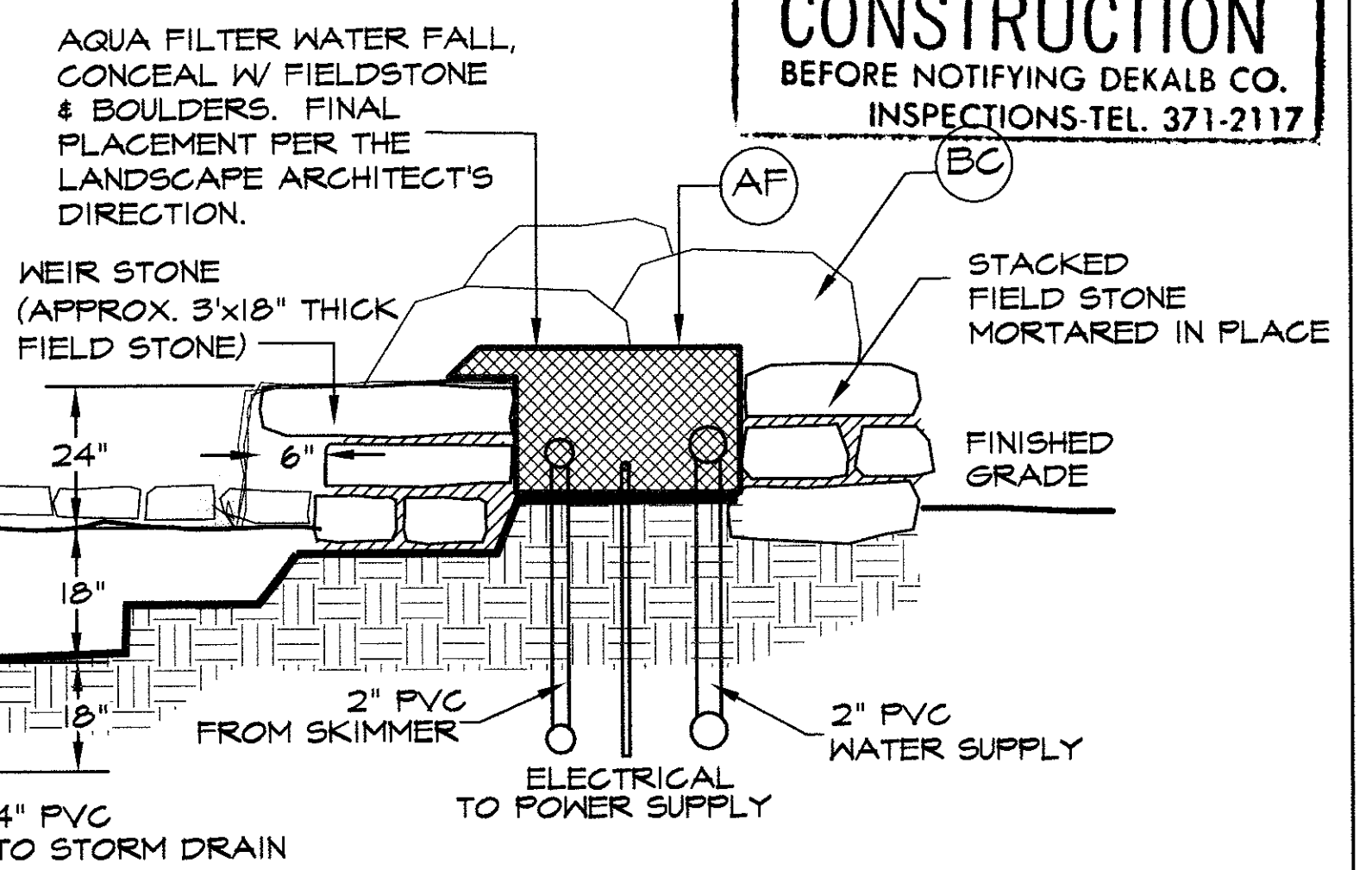
- AF- AQUA FILTER WATERFALL #AM FOR 6,000 GAL. POND W/ 2 REPLACEMENT FILTERS #AMM AND PUMP #T4PN 1/2 HP 120V.
 - S- SKIMMER #PS1EB W/ EXTENSION TUBE #SETS AND AUTOMATIC FILL VALVE #AFS.
 - B- BOTTOM DRAIN KIT #BDK3
 - UV- ULTRA VIOLET STERILIZER 120 WATTS #A00124 W/ 3 - 40 WATT LAMPS
- FLEXIBLE PVC TUBING, AS REQUIRED

ALL EQUIPMENT / SUPPLIES FOR POND SHALL BE SUPPLIED BY:
 JUST LINERS, INC. OR EQUAL
 3550 TB CLEARPOND RD.
 SHAWNEE, OK 74801
 TELEPHONE 1-888-838-4017

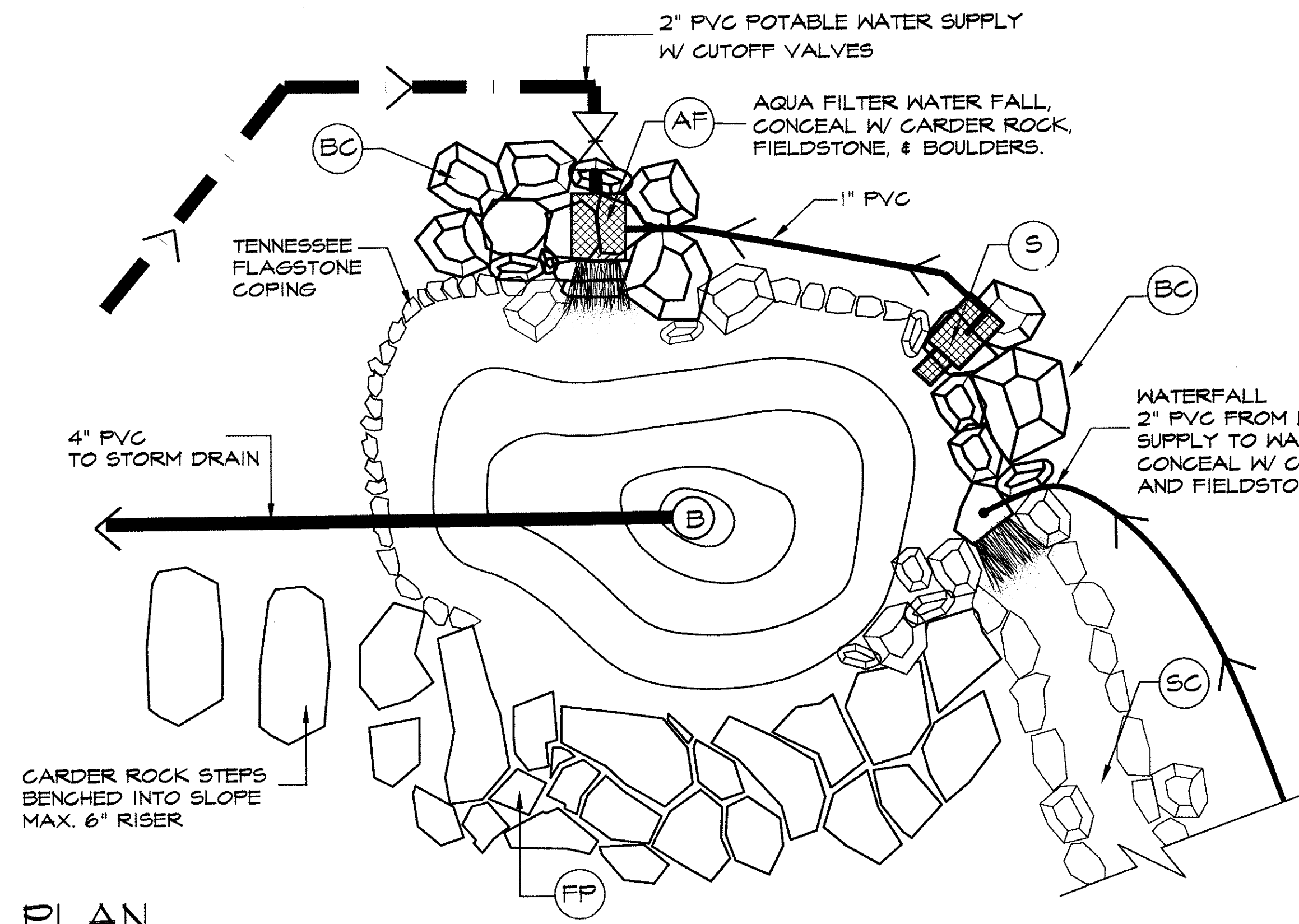
- PL- POND LINER 45 MIL. EPDM RUBBER LINER W/ SPLICE SUPPLIES BY FIRESTONE POND GUARD
- GP- GEO PAD UNDERLAYMENT

SEE ELECTRICAL PLAN FOR POWER SUPPLY AND GROUNDING

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SECTION



PLAN

PD1 UPPER POND DETAILS
 N.T.S.

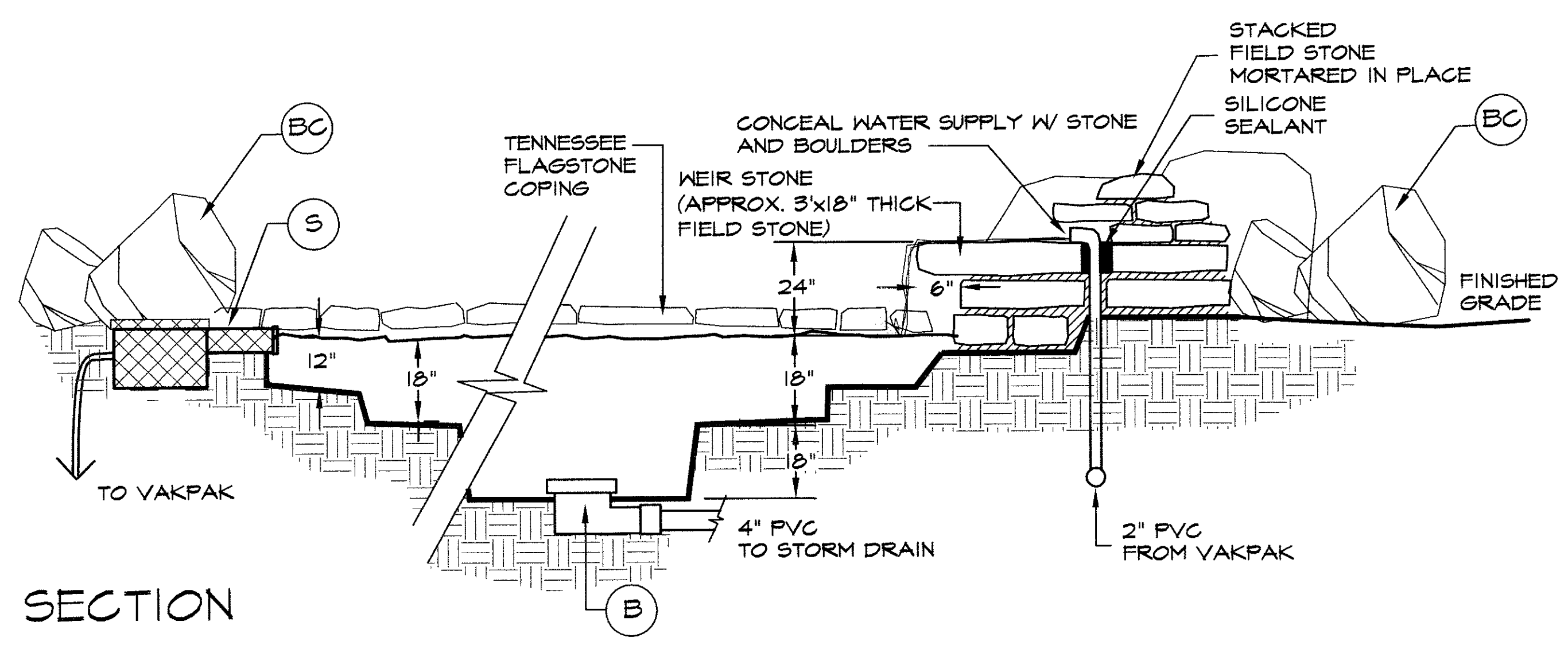
LOWER POND EQUIPMENT LEGEND

- V- VAKPAK MODEL #CS360VR
- S- SKIMMER #PS1EB W/ EXTENSION TUBE #SETS AND AUTOMATIC FILL VALVE #AFS.
- B- BOTTOM DRAIN KIT #BDK3
- PL- POND LINER 45 mil. EPDM RUBBER LINE W/ SPLICE SUPPLIES BY FIRESTONE POND GUARD.
- GP- GEO PAD UNDERLAYMENT
- UV- AQUA ULTRAVIOLET STERILIZER 120 WATTS #A00124 W/ 3-40 WATT LAMPS.

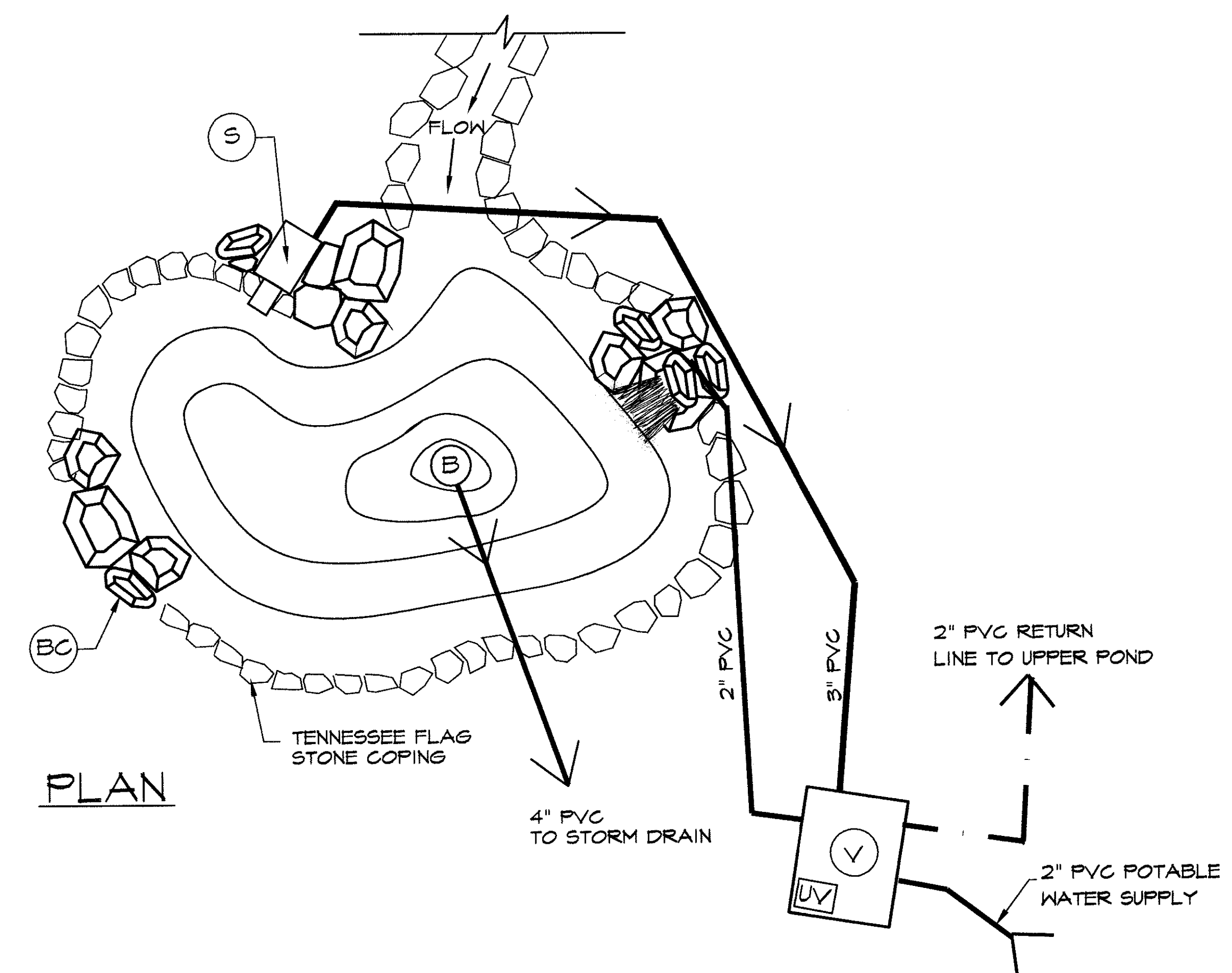
FLEXIBLE PVC TUBING AS REQUIRED.

ALL EQUIPMENT / SUPPLIES FOR POND SHALL BE SUPPLIED BY:
 JUST LINERS, INC. OR EQUAL
 3550 TB CLEARPOND RD.
 SHAWNEE, OK 74801
 TELEPHONE 1-888-838-4017

SEE ELECTRICAL PLAN FOR POWER SUPPLY AND GROUNDING

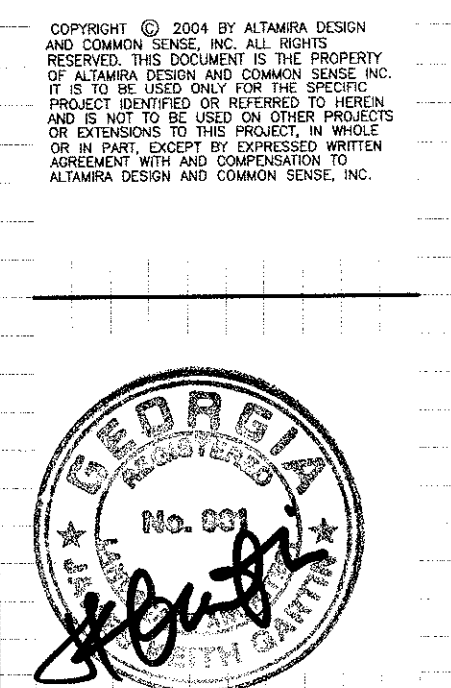


SECTION



PLAN

PD2 LOWER POND DETAILS
 N.T.S.



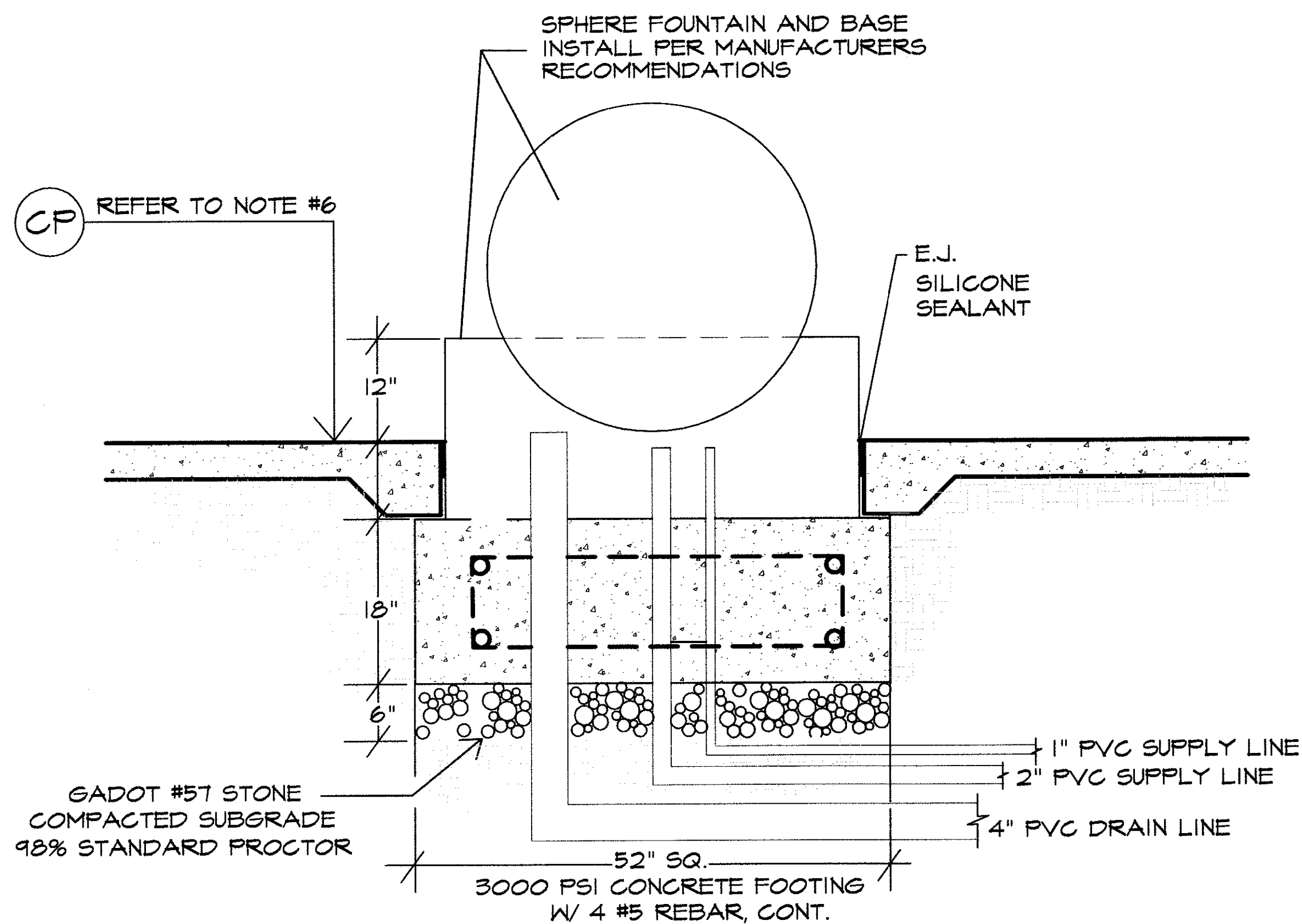
ALTAMIRA
 DESIGN AND COMMON SENSE, INC.
 Land Planning • Landscape Architecture • Urban Design
 581 N. Highland Avenue, NE Atlanta, Georgia 30307 • 404-688-4454

PROJECT TITLE **CHILDREN'S ADVENTURE GARDEN**
 AT BROOK RUN PARK
 4770 N. PEACHTREE RD.
 DUNWOODY, GA. 30338
 PREPARED FOR **DEKALB COUNTY PARKS AND RECREATION**
 3681 Chestnut Street
 Scottdale, GA 30079

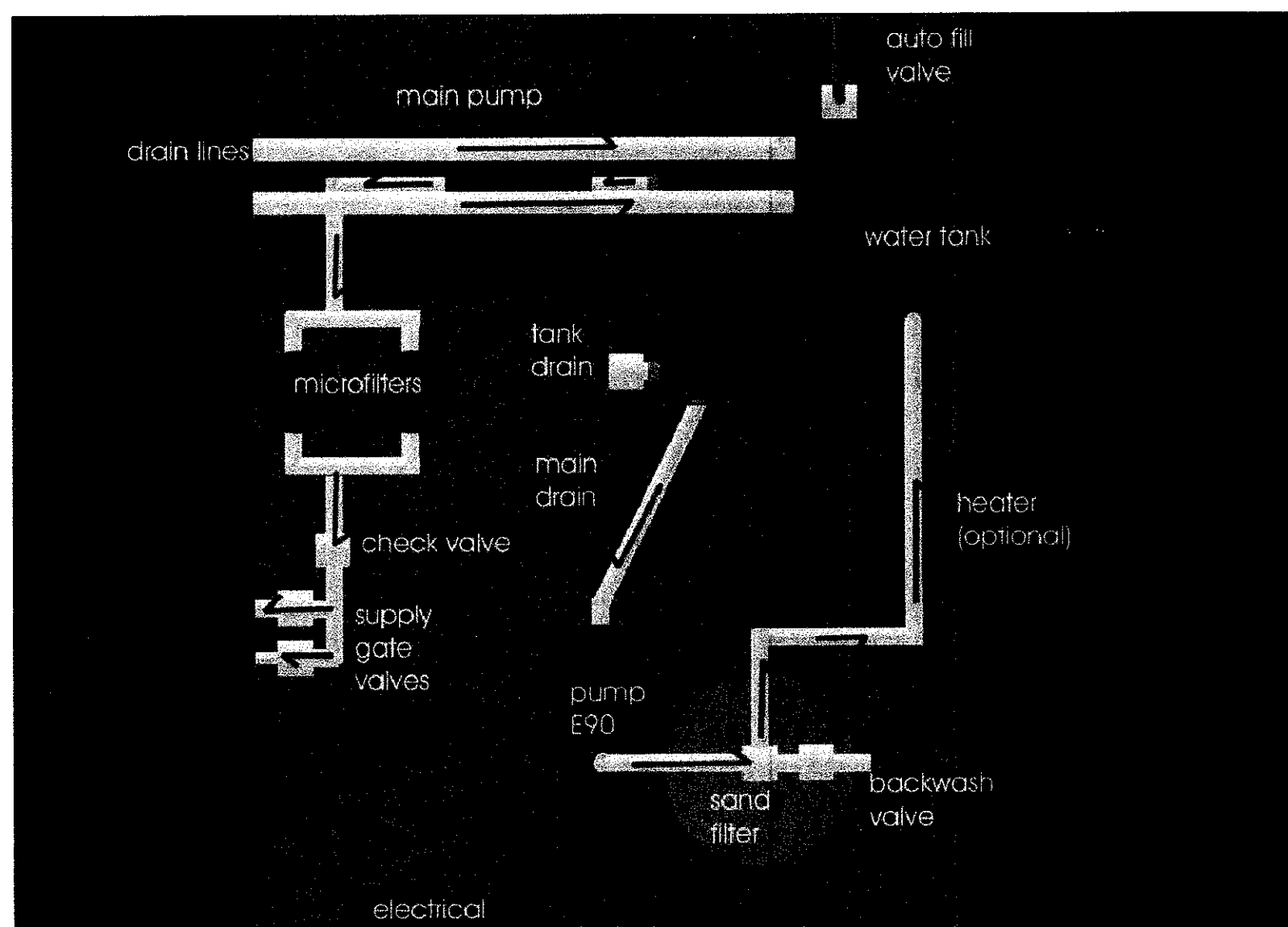
REVISIONS		
NO.	DATE	DESCRIPTION

RELEASE STATUS
 PROGRESS PRINT
 PERMIT RELEASE
 BID RELEASE
 CONSTRUCTION RELEASE
 RELEASE DATE

SCALE
AS SHOWN
 DATE:
05-27-04
 PROJECT NUMBER
23141
 DRAWING TITLE
SITE DETAILS



SECTION

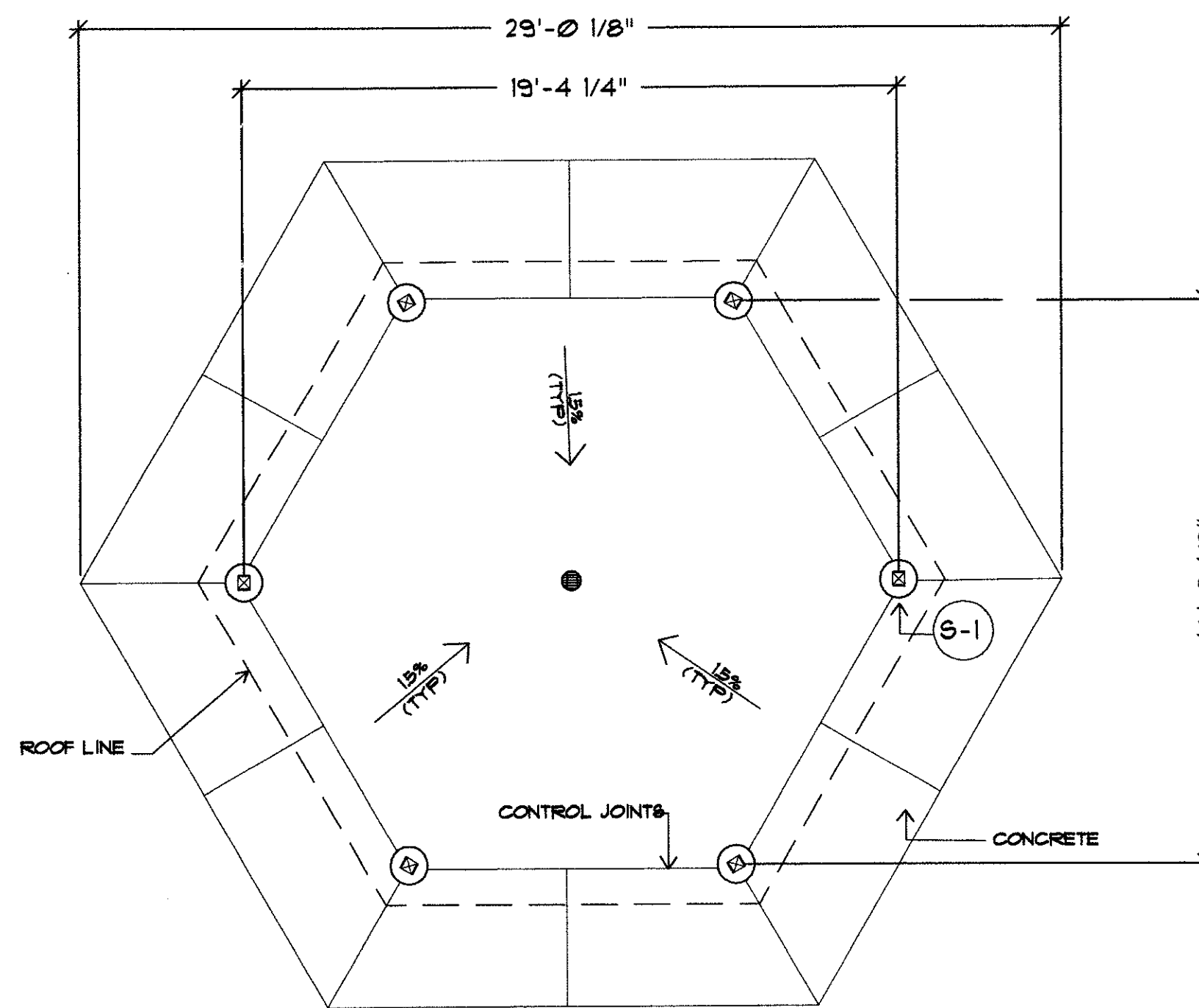


EQUIPMENT LAYOUT DIAGRAM

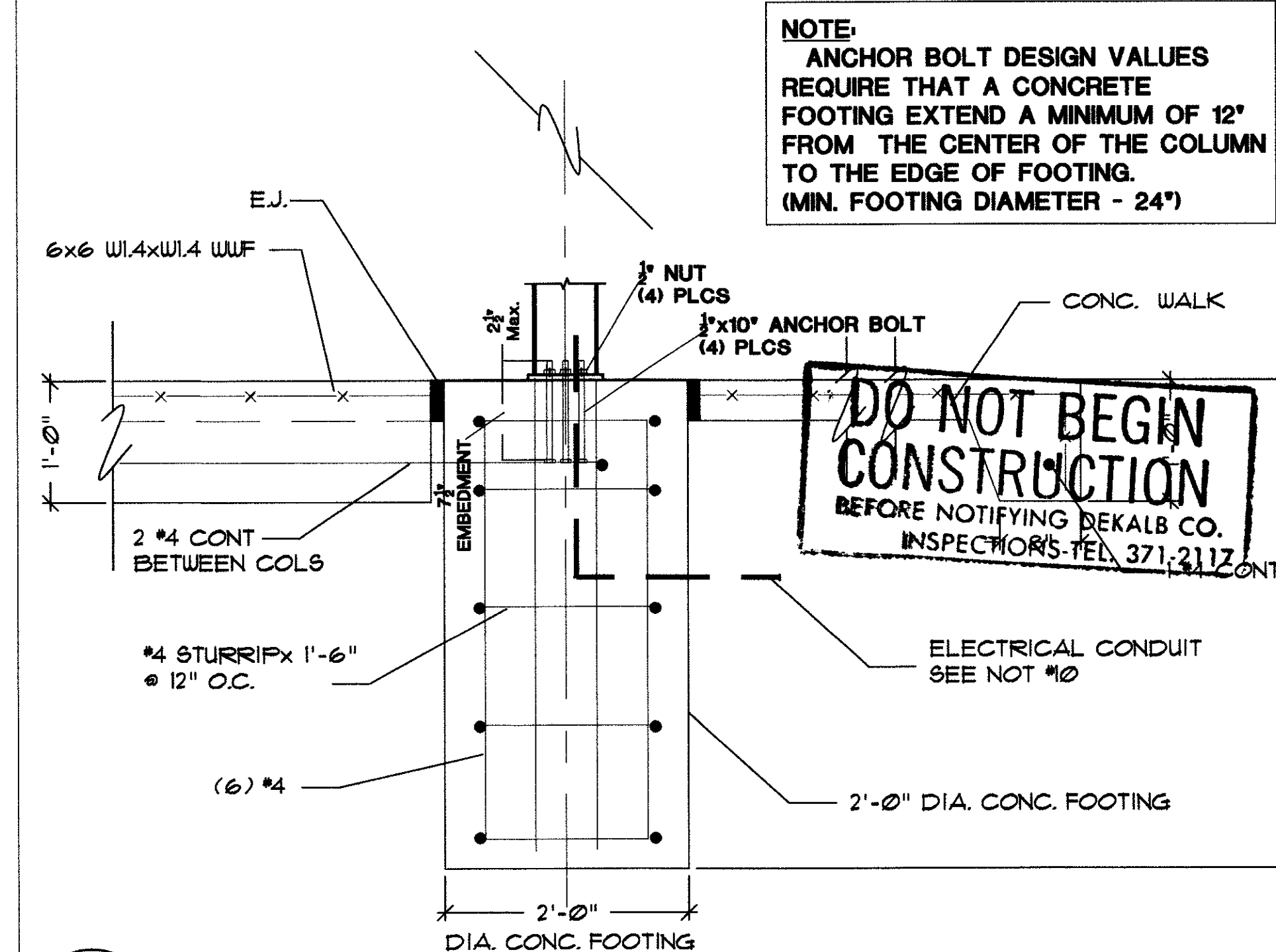
- NOTES:
1. 36" BLACK GRANITE SPHERE FOUNTAIN, 45" GRANITE BASE, FOUNTAIN EQUIPMENT BY WATERFOUNTAINS.COM, INC., 13870 RIVERSIDE DRIVE, APPLE VALLEY, CALIFORNIA 92307, 1-760-946-0525, OR EQUAL
 2. CONTRACTOR PROVIDE 72"x42"x48" LOCKABLE CABINET VAULT BY YAK-PAK OR EQUAL PRIOR TO FOUNTAIN INSTALLATION. MODEL #ST6000 VAULT.
 3. SEE ELECTRICAL FOR POWER SUPPLY AND GROUNDING.

SF SPHERE FOUNTAIN
N.T.S.

NOTES:
PAVILION BY POLIGON MODEL 'GOX 20 GAZEBO', OR EQUAL.



FP1 PAVILION FOUNDATION PLAN 1
N.T.S.

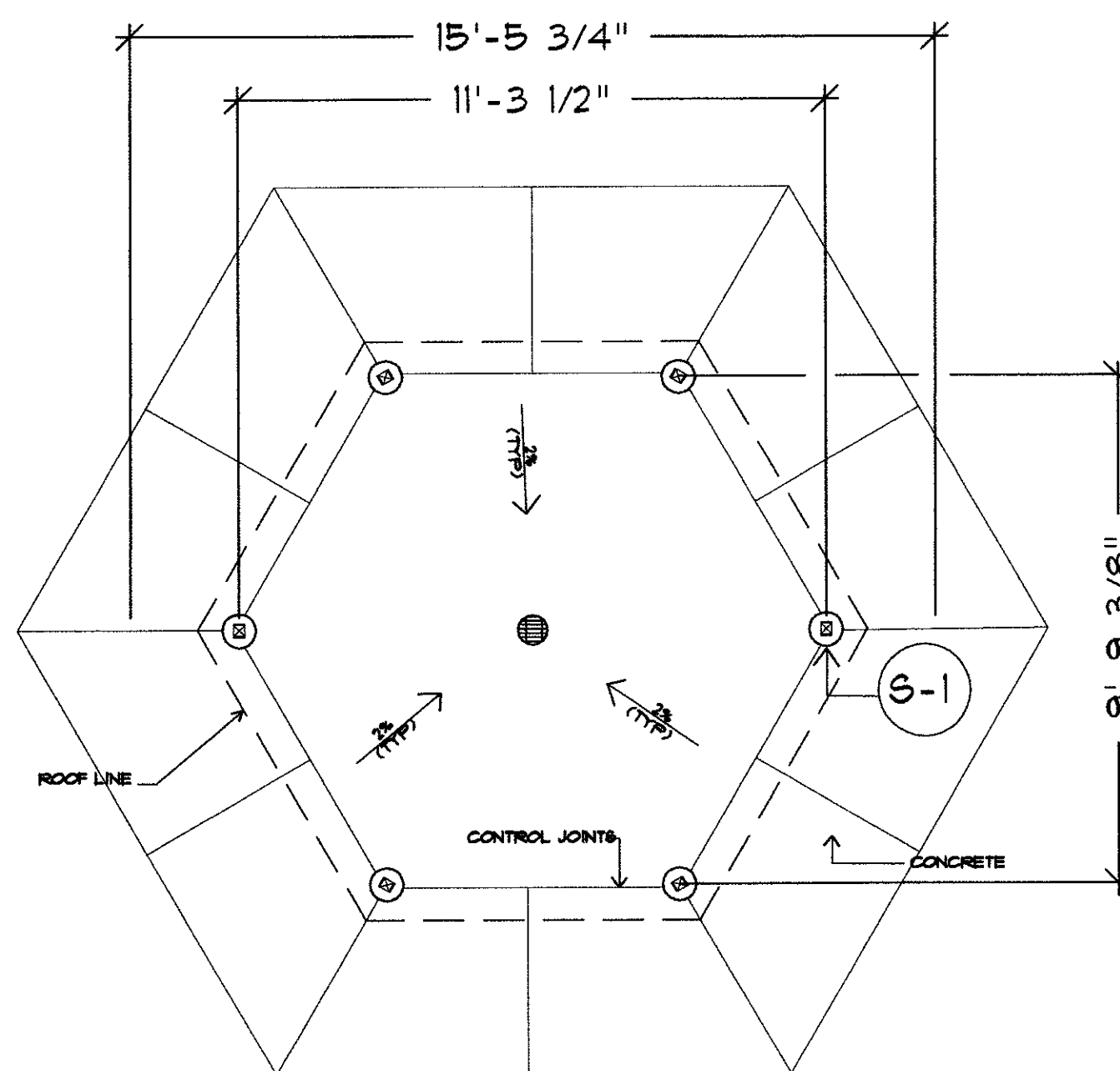


S-1 SECTION
N.T.S.

NOTE:
ANCHOR BOLT DESIGN VALUES REQUIRE THAT A CONCRETE FOOTING EXTEND A MINIMUM OF 12" FROM THE CENTER OF THE COLUMN TO THE EDGE OF FOOTING. (MIN. FOOTING DIAMETER - 24")

DO NOT BEGIN CONSTRUCTION
BEFORE NOTIFYING DEKALB CO. INSPECTOR'S TEL: 371-2112

BID ALTERNATE #2 AND #3



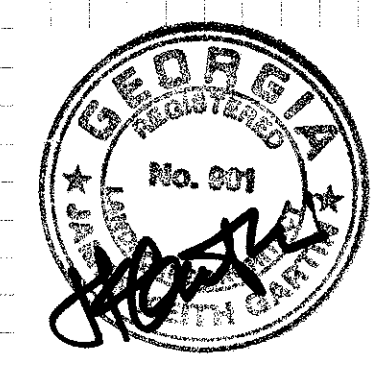
NOTES:
PAVILION BY POLIGON MODEL 'GOX 12 GAZEBO', OR EQUAL.

FP2 PAVILION FOUNDATION PLAN 2
N.T.S.

PAVILION NOTES:

1. ALTAMIRA IS ONLY RESPONSIBLE FOR THE STRUCTURAL DESIGN OF THE FOOTINGS AND SLABS ON GRADE. THE PRE-ENGINEERED FRAME MANUFACTURER SHALL BE RESPONSIBLE FOR THE STRUCTURAL DESIGN OF THE SUPERSTRUCTURE. THE DESIGN OF THE SUPERSTRUCTURE SHALL BE IN COMPLIANCE WITH THE STANDARD BUILDING CODE AND ALL OTHER GOVERNING CODES AND THE PROJECT SPECIFICATIONS FOR PERMITTING OF THE SUPERSTRUCTURE, THE PRE-ENGINEERED FRAME MANUFACTURER SHALL SUBMIT TO THE BUILDING OFFICIAL ALL ERECTION AND FABRICATION SHOP DRAWINGS BEARING THE SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF GEORGIA WHO IS RESPONSIBLE FOR THE DESIGN PERFORMANCE OF THE SUPERSTRUCTURE.
2. SUBMIT 2 (TWO) COMPLETE SETS OF FABRICATION AND ERECTION DRAWINGS FOR CONSTRUCTION OF THE GLUE LAMINATED FRAME AND STRUCTURE. PLANS SHALL BE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF GEORGIA. PLANS SHALL ALSO SPECIFY ANCHOR BOLTS REQUIREMENTS INCLUDING BOLT SIZE, QUALITY, EMBEDMENT DEPTH AND LOCATION. DESIGN LOADS MUST BE ON SHOP DRAWINGS.
3. COORDINATE THESE DRAWINGS WITH ELECTRICAL AND CIVIL SITE DRAWINGS.
4. WHERE A DETAIL IS SHOWN FOR ONE CONDITION IT SHALL ALSO APPLY FOR ALL OTHER LIKE OR SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TEMPORARY BRACING OF ALL WORK DURING CONSTRUCTION.
6. ALL CONCRETE SHALL HAVE A MINIMUM OF 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI.
7. CONCRETE REINFORCING STEEL SHALL COMPLY WITH THE REQUIREMENTS OF ASTM A615, GRADE 40 FOR #3 BARS AND ASTM A615, GRADE 60 FOR #4 AND LARGER BARS.
8. SAW CONTROL JOINTS IN FLOOR SLABS, AS INDICATED ON THE PLANS BY "C.J.", SHALL BE 1/8" WIDE X 1" DEEP AND SHOULD BE CUT (AS SOON AS CONDITIONS ALLOW) WITHIN 12 HOURS AFTER CONCRETE IS PLACED.
9. FOOTINGS ARE DESIGNED FOR AN ALLOWABLE SOIL BEARING PRESSURE OF 3000 PSF. SOIL BEARING PRESSURES SHALL BE VERIFIED DURING CONSTRUCTION BY A REGISTERED SOILS ENGINEER PRIOR TO PLACING IN CONCRETE. IF ACTUAL VALUES VARY BY MORE THAN 10 PERCENT FROM 3000 PSF, FOOTINGS SHALL BE REDESIGNED. ALL FOOTINGS ARE TO BE PLACED ON FIRM, NATURAL AND CLEAN SOIL OR COMPACTED FILL.
10. PAVILION MANUFACTURER TO DRILL COLUMNS FOR ELECTRICAL CONDUIT. SEE ELECTRICAL PLANS.

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PROJECT TITLE **CHILDREN'S ADVENTURE GARDEN**
AT BROOK RUN PARK
4770 N. PEACHTREE RD
DUNWOODY, GA. 30338

PREPARED FOR **DEKALB COUNTY PARKS AND RECREATION**
3681 Chestnut Street
Scottsdale, GA. 30079

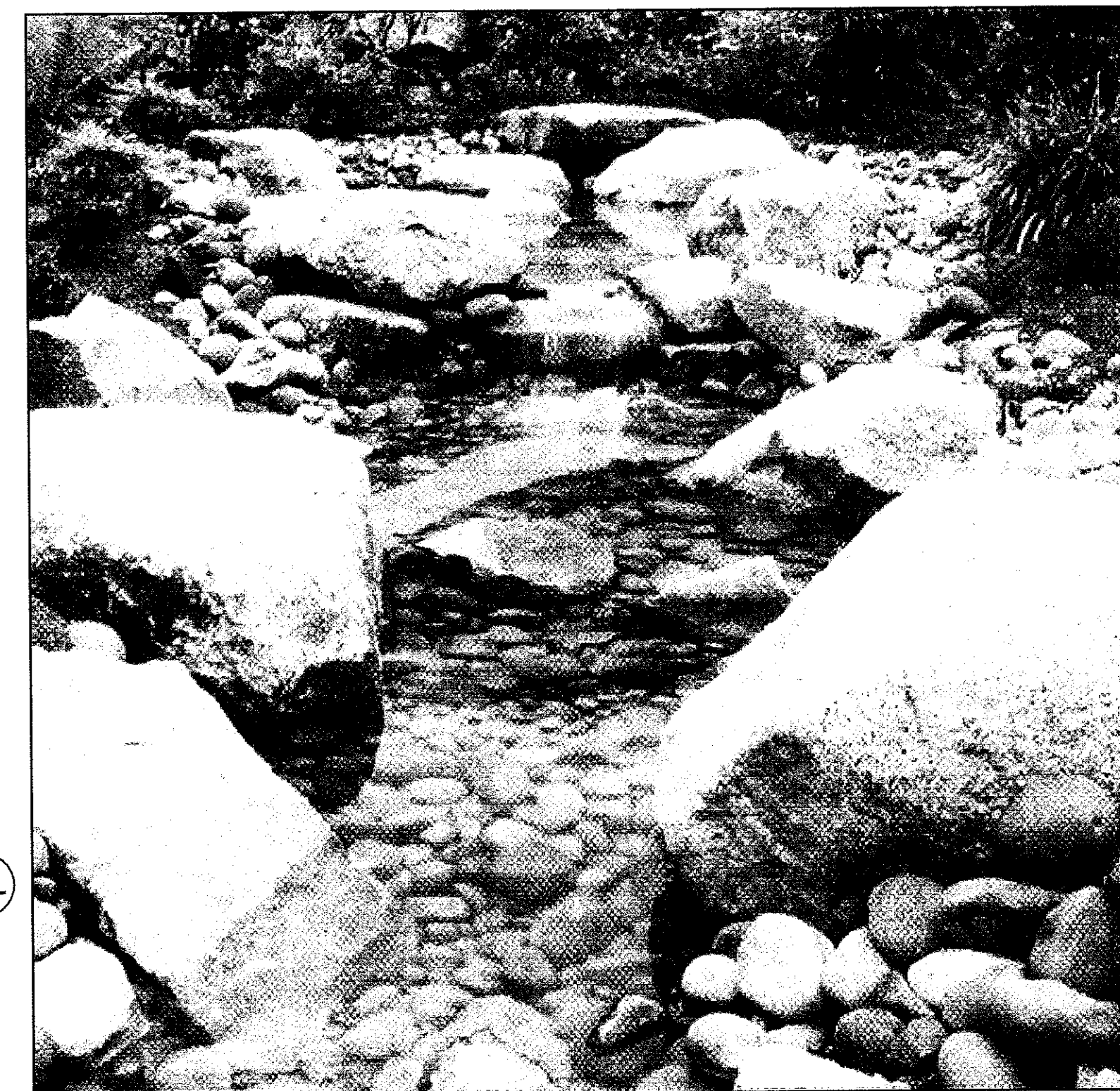
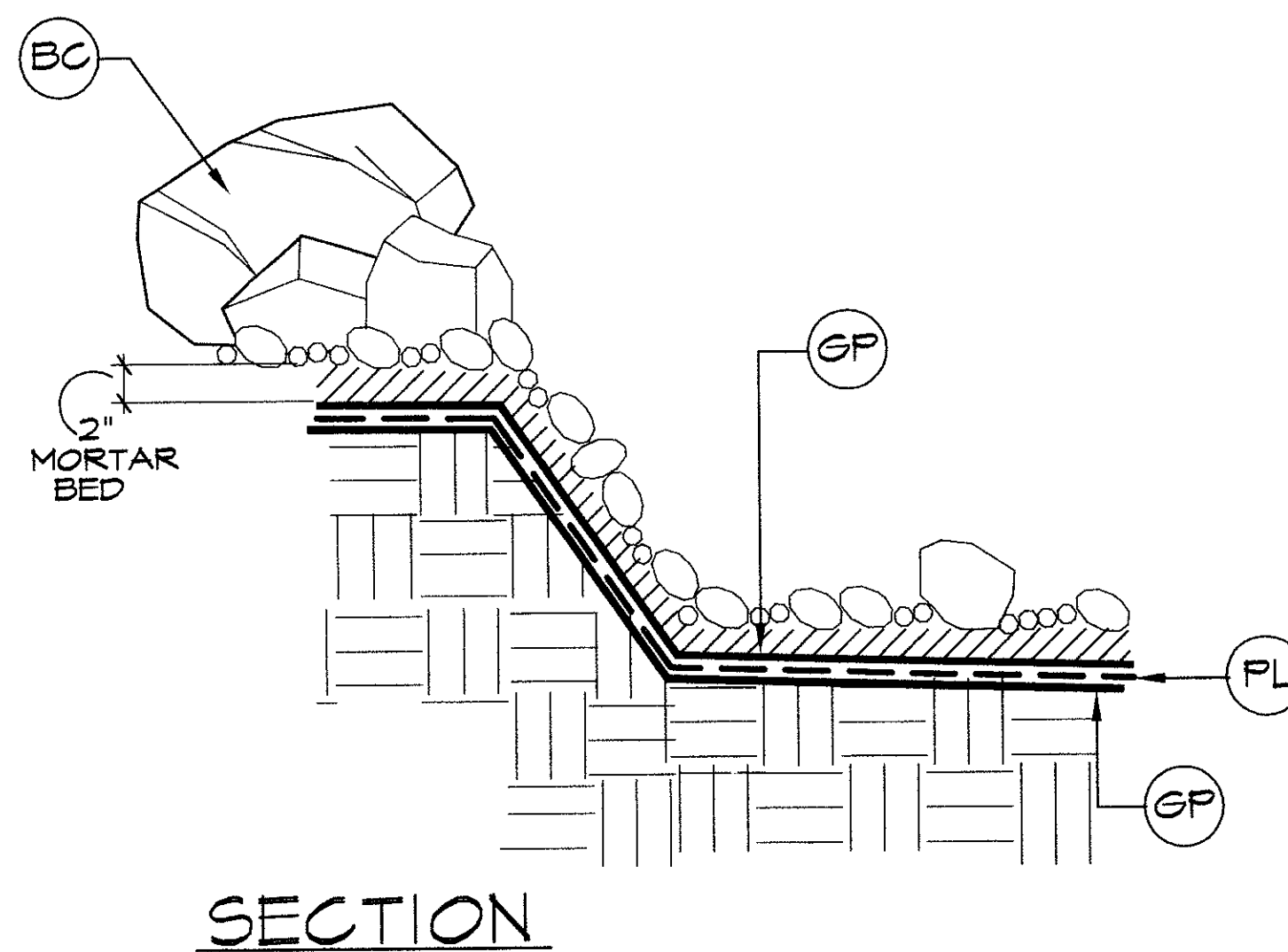
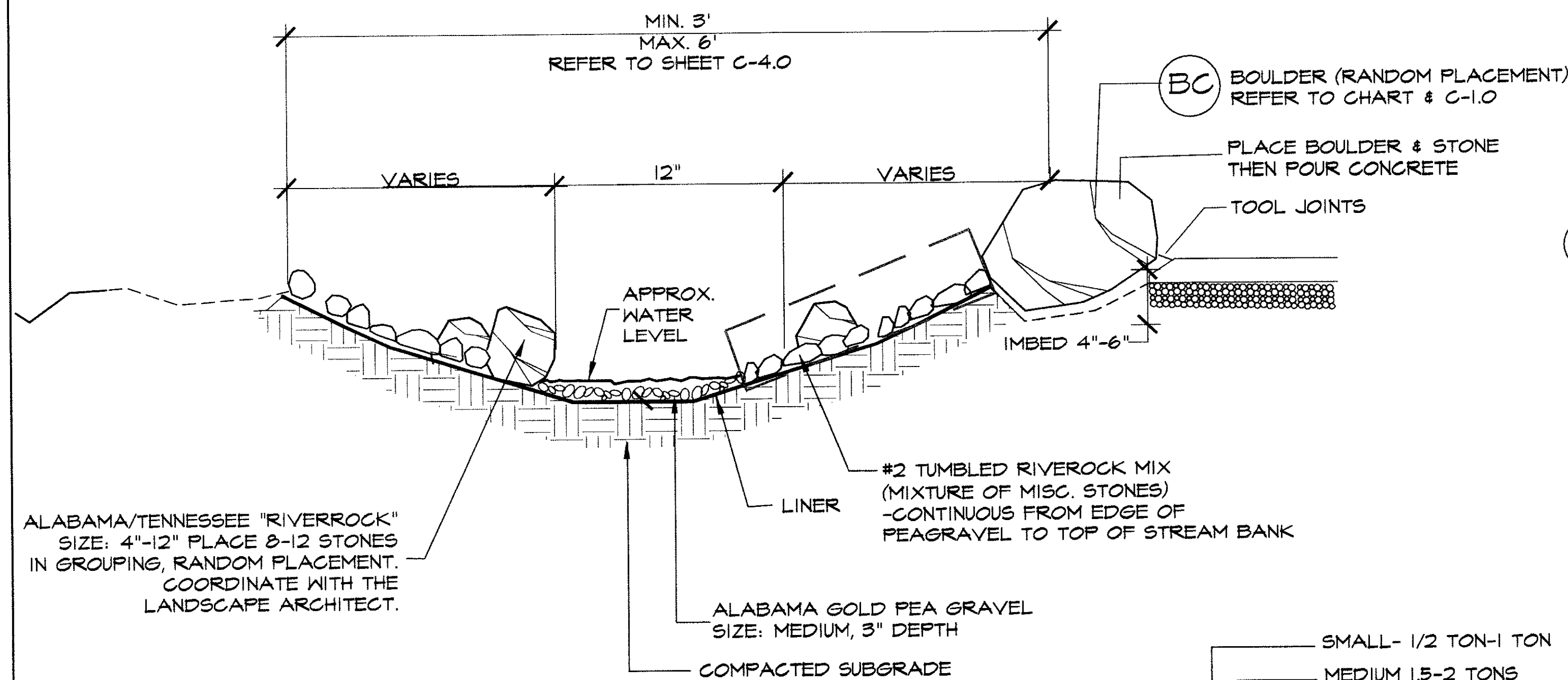
REVISIONS		
NO.	DATE	DESCRIPTION

RELEASE STATUS
 PROGRESS PRINT
 PERMIT RELEASE
 BID RELEASE
 CONSTRUCTION RELEASE
 RELEASE DATE

SCALE:
AS SHOWN
 DATE:
05-27-04
 PROJECT NUMBER
23141
 DRAWING TITLE

SITE DETAILS

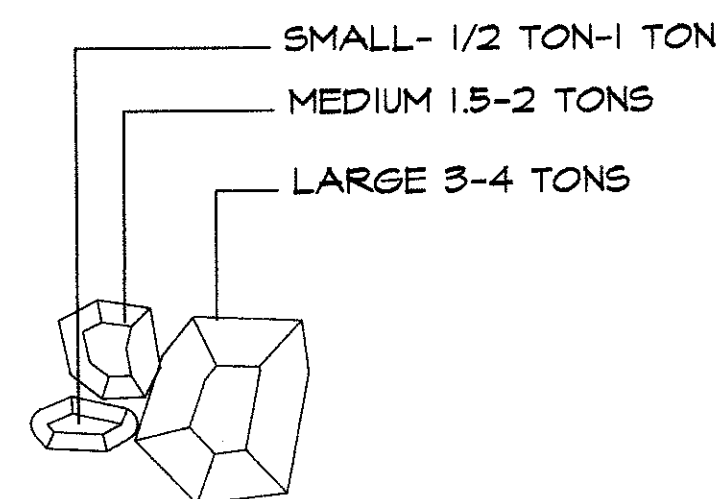
C - 8.4
 16 OF 36 SHEETS



EXAMPLE OF STONE PLACEMENT LOCATIONS PER PERCENTAGES BELOW

NOTES:

1. PLACE BOULDERS AND STONE IN MORTAR 3000 PSI IN THE PERCENTAGES NOTED
2. PLACEMENT SHALL BE RANDOM AND NATURALISTIC AS ILLUSTRATED IN THE PHOTOGRAPH.



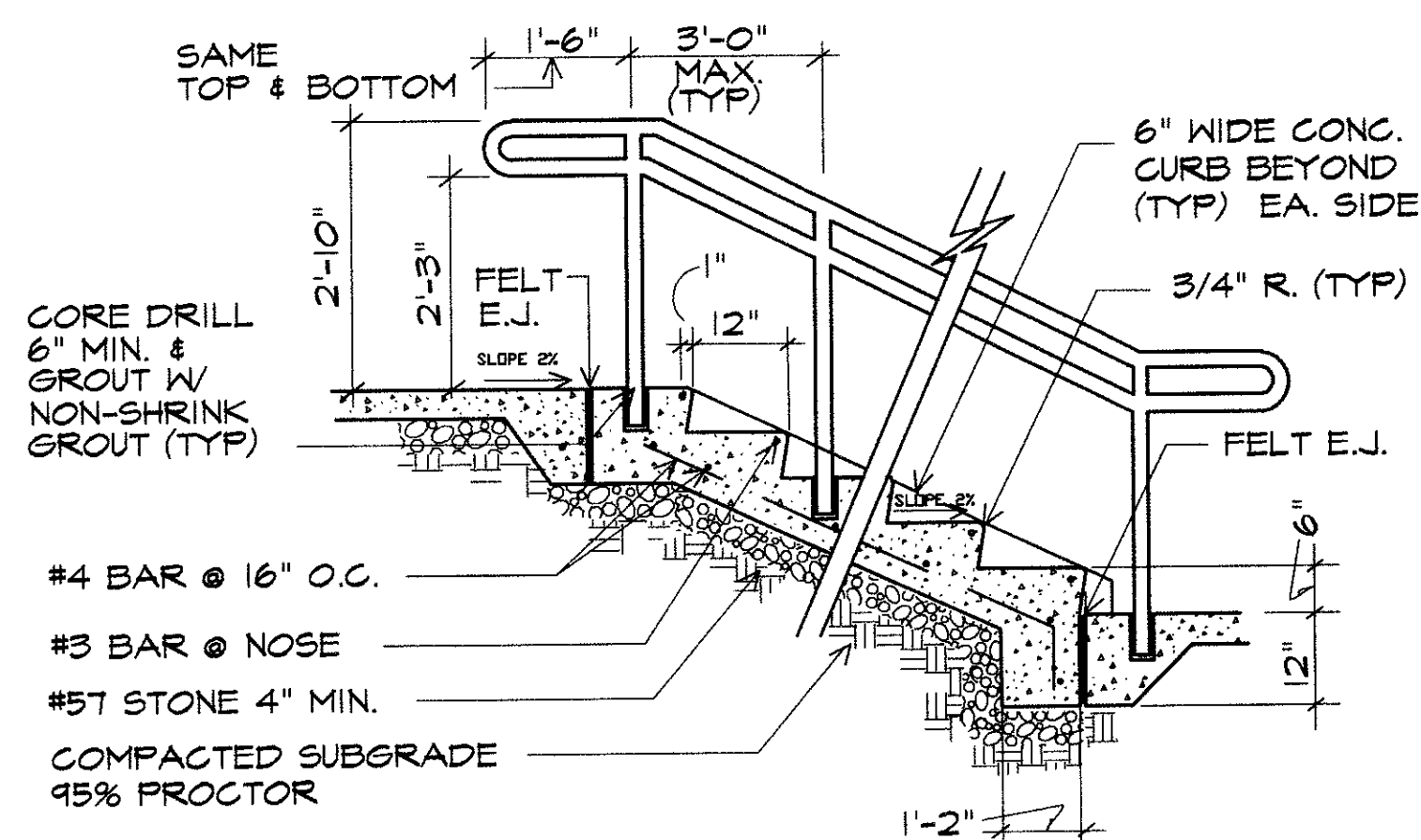
BC BOULDER (RANDOM PLACEMENT) REFER TO CHART & SHEET C-1.0

SC STREAM CHANNEL SECTION
N.T.S.

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BEFORE NOTIFYING DEKALB CO. INSPECTIONS.TEL. 371-2117

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NOTES:

HANDRAIL BOTH SIDES, 1 1/2" O.D., GALV. STEEL PIPE HANDRAIL, SMOOTH BENDS, CONT. WELD ALL JOINTS AND GRIND SMOOTH.

PAINT:
1. PAINT SPECIFICATIONS: 1ST COAT TO BE UNIVERSAL IRON OXIDE PRIMER
2ND AND 3RD COATS TO BE DURON COLOR: BLACK OR APPROVED EQUAL

CS CONCRETE STAIRS
N.T.S.

MOSS BOULDER TYPE	SIZE	AVERAGE WEIGHT	QUANTITY
A	2' X 3' X 2'	1/2 - 1 TON	31
B	3' X 3' X 3'	1 1/2 - 2 TONS	24
C	4' X 4' X 3'	2 - 3 TONS	15

NOTES:
1. REFER TO SHEET C-1.0 FOR APPROX. LOCATIONS, FINAL LOCATIONS TO BE COORDINATED W/ LANDSCAPE ARCHITECT.

BC BOULDER SIZES CHART

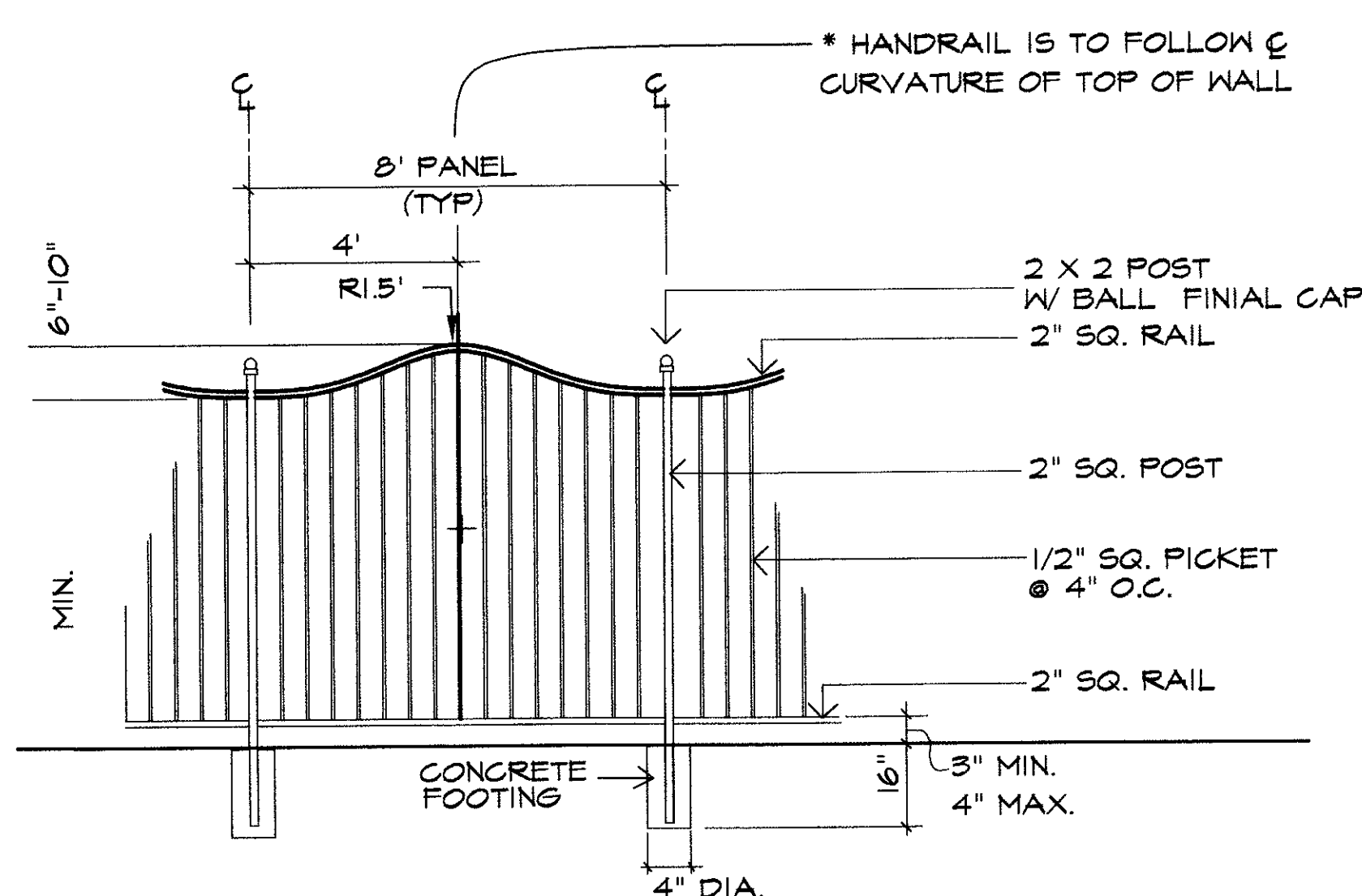
SYMBOL	ITEM	DESCRIPTION	QUANTITY
	BIKE RACK	MULTI-LOOP BIKE RACK MODEL #125-30, POWDER COAT COLOR: BLACK	1
	PICNIC TABLE	RECYCLED PLASTIC PEDESTAL TABLE, 4' SQUARE, 4 SEATS, MODEL #7634PL COLOR: 'CEDAR'	5
	BENCH	RECYCLED PLASTIC BENCH, MODEL #154-60 COLOR: 'CEDAR'	6
	TRASH RECEPTACLE	RECYCLED PLASTIC RECEPTACLE 44PL, MODEL #44-22PL COLOR: 'CEDAR'	6

NOTES:
1. REFER TO SHEET C-1.0 FOR LOCATIONS
2. ALL PROPOSED SITE FURNISHINGS BY DUMOR, INC. 1-800-227-4016, OR EQUAL.

SITE FURNISHINGS KEY BID ALTERNATE #6

NOTES:

1. ALL COMPONENTS SHALL BE SOLID CORE WROUGHT IRON STEEL.
2. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR APPROVAL.
3. SEE DETAIL (BW) FOR WALL SECTION.
4. PAINT TWO COATS IRON OXIDE PRIMER, 2 COATS GLOSS BLACK TNEGIC OR EQUAL



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

PROJECT TITLE **CHILDREN'S ADVENTURE GARDEN**
AT BROOK RUN PARK
4770 N. PEACHTREE RD.
DUNWOODY, GA. 30038

PREPARED FOR **DEKALB COUNTY PARKS AND RECREATION**
3681 Chestnut Street
Scottsdale, GA 30079

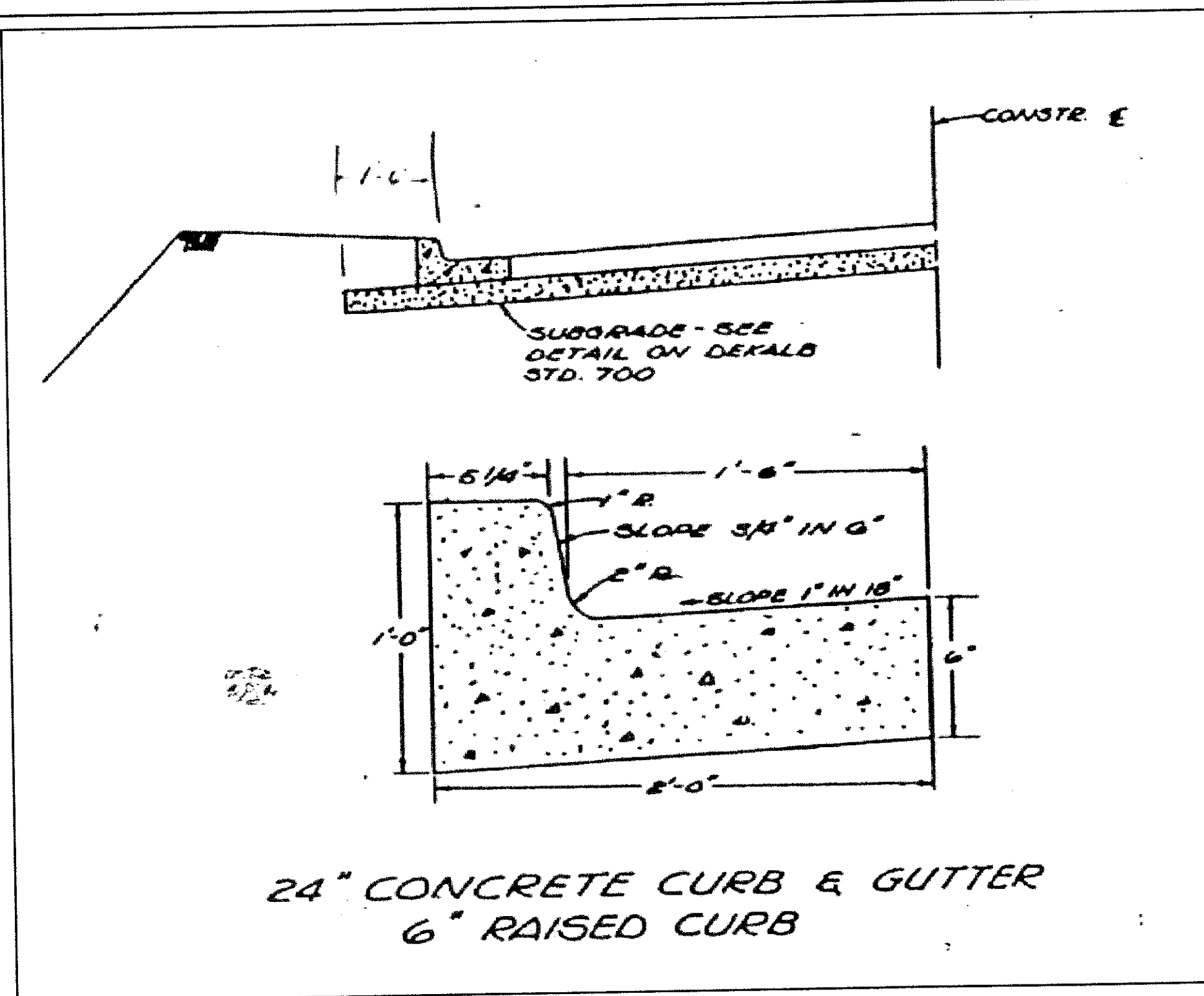
REVISIONS
NO. DATE DESCRIPTION

RELEASE STATUS
○ PROGRESS PRINT
● PERMIT RELEASE
○ BID RELEASE
○ CONSTRUCTION RELEASE
RELEASE DATE

SCALE:
AS SHOWN
DATE:
05-27-04
PROJECT NUMBER
23141
DRAWING TITLE

SITE DETAILS

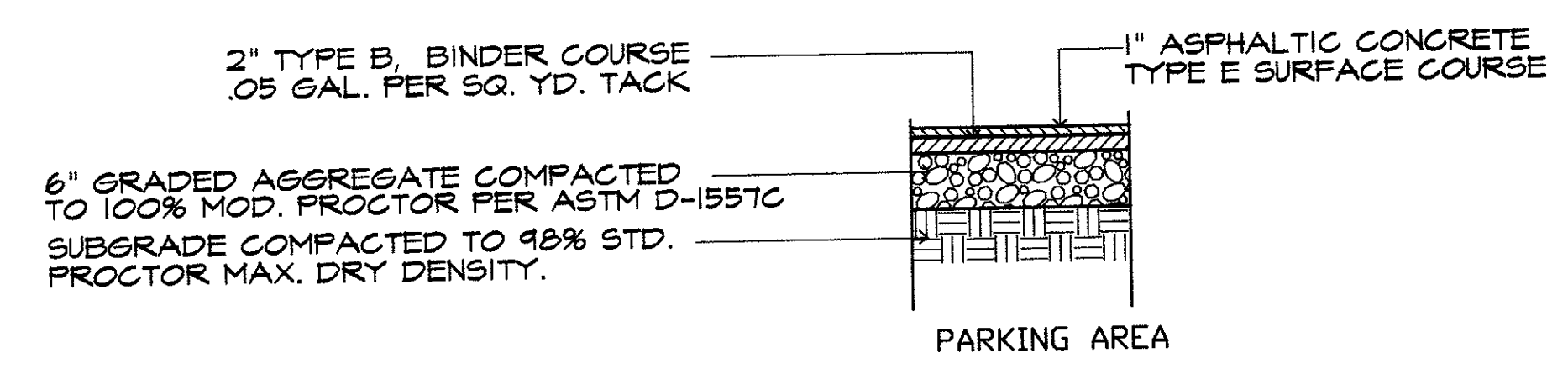
C - 8.5
17 OF 36 SHEETS



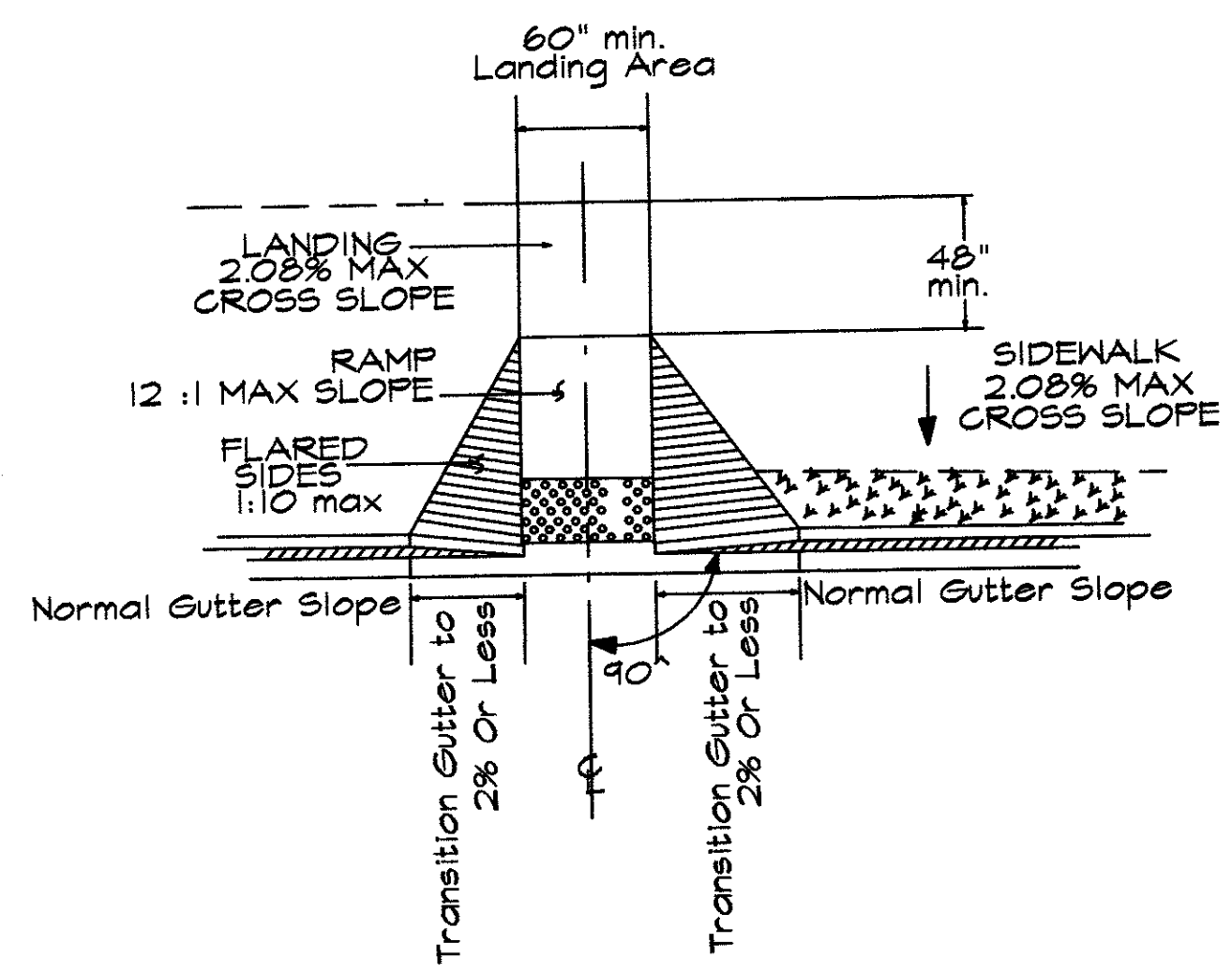
24" CONCRETE CURB & GUTTER
6" RAISED CURB

- NOTES:
1. COMBINATION CURB AND GUTTER SHALL HAVE 1/8" X 1" DEEP CONTRACTION JOINTS AT 10'-0" O.C.
 2. 1/2" ISOLATION JOINTS SHALL BE PROVIDED AT INTERVALS NOT TO EXCEED 30'-0" O.C., AT THE ENDS AND MID POINTS OF RETURNS AND AT ANY POINT WHERE NEW CURB AND GUTTER ABUTS OTHER CONCRETE STRUCTURES SUCH AS EXISTING CURB AND GUTTER AND PARALLEL CONCRETE WALK WITH CURB AND GUTTER.
 3. 5'-0" LONG TRANSITIONS SHALL BE PROVIDED BETWEEN STANDARD AND PITCHED GUTTER UNLESS OTHERWISE NOTED ON GRADING PLAN.
 4. STRAIGHT CURB SEGMENTS SHALL NOT BE CONSTRUCTED IN CURVE RADII.
 5. CONCRETE SHALL BE 3,000 P.S.I. @ 28 DAYS.

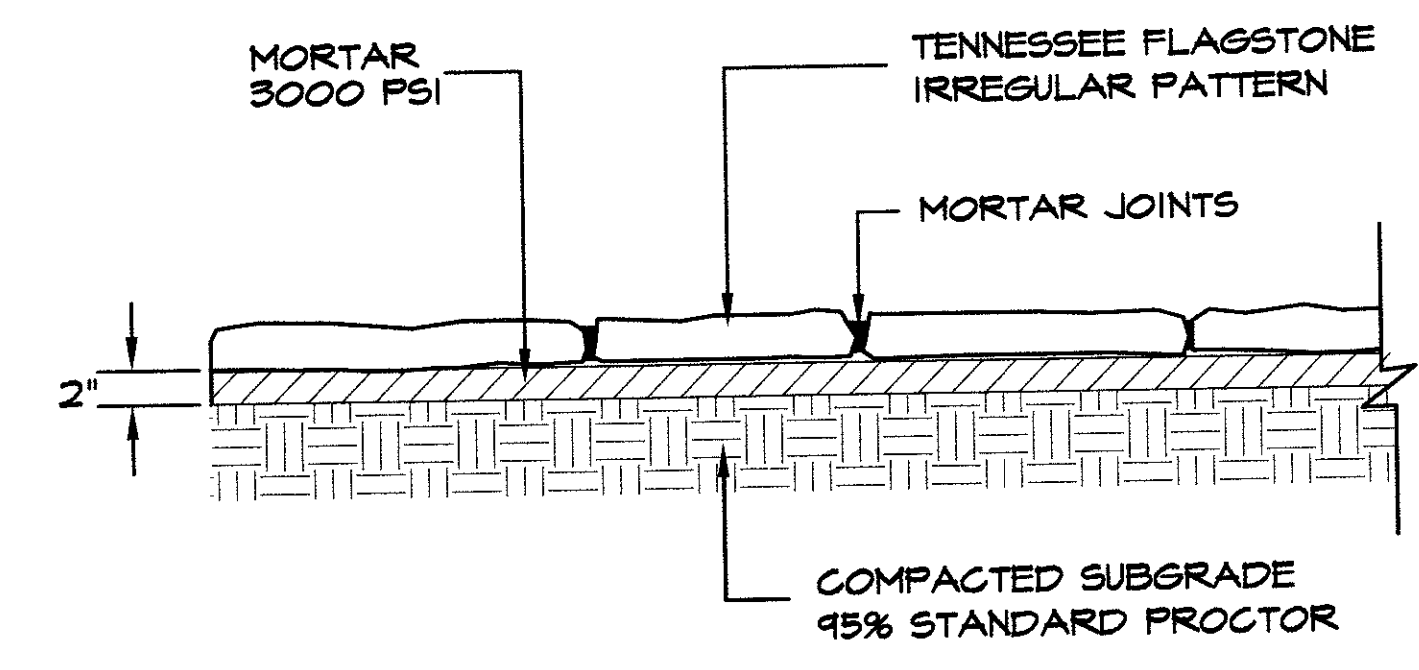
CG CURB AND GUTTER
N.T.S.



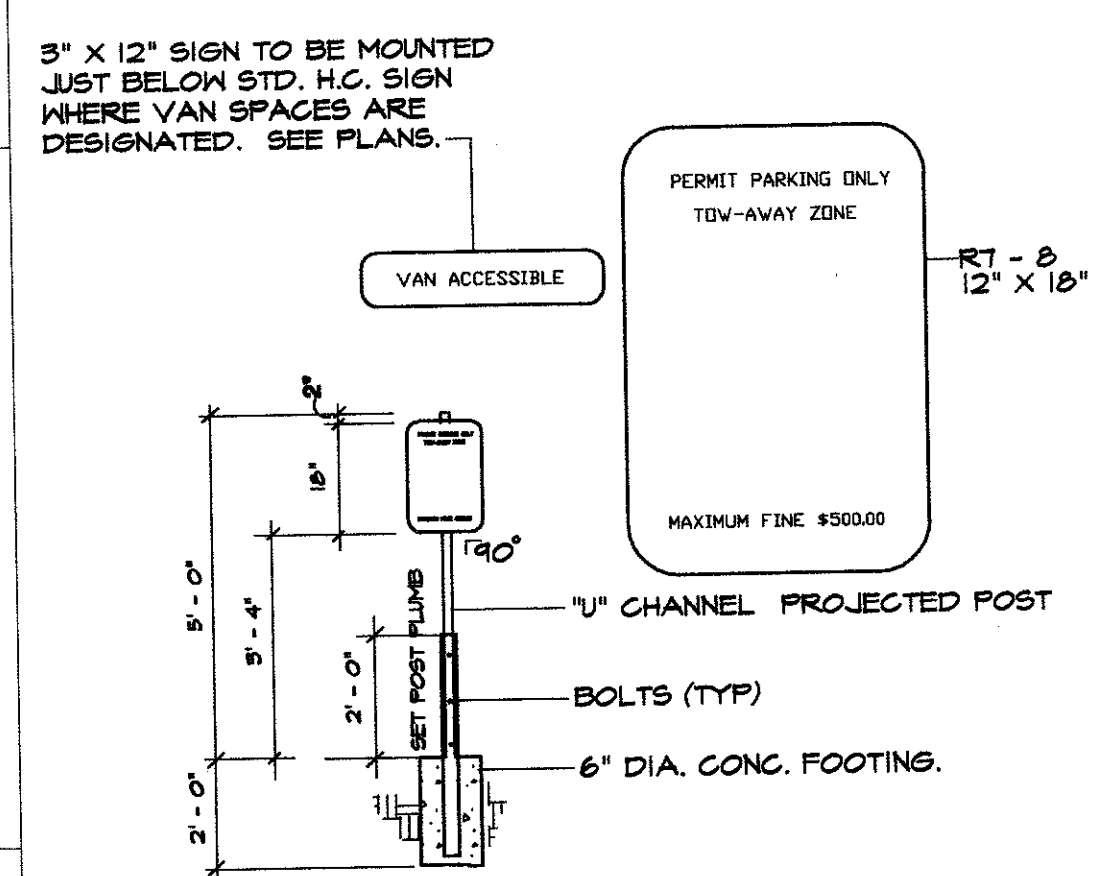
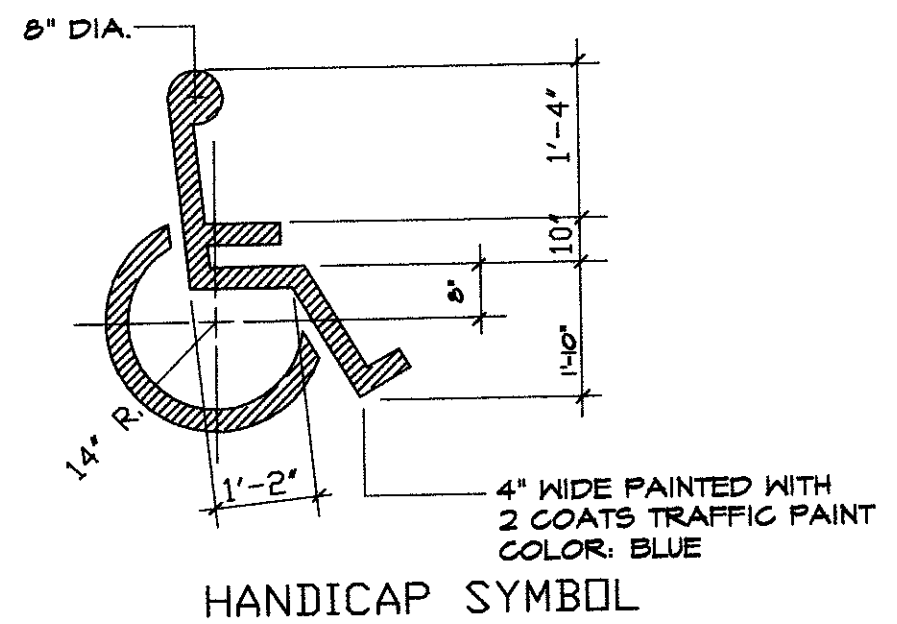
AP ASPHALT PAVING
N.T.S.



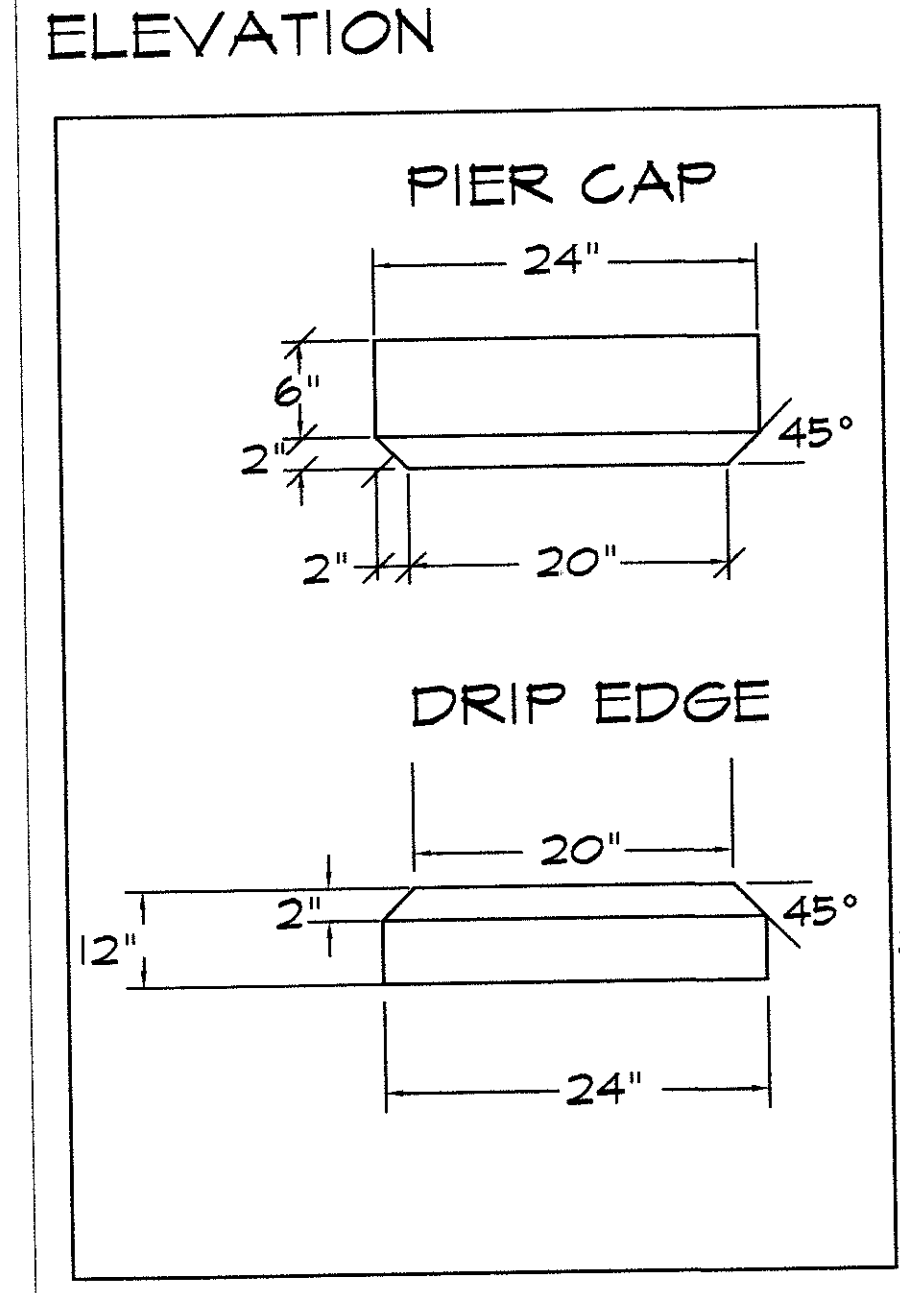
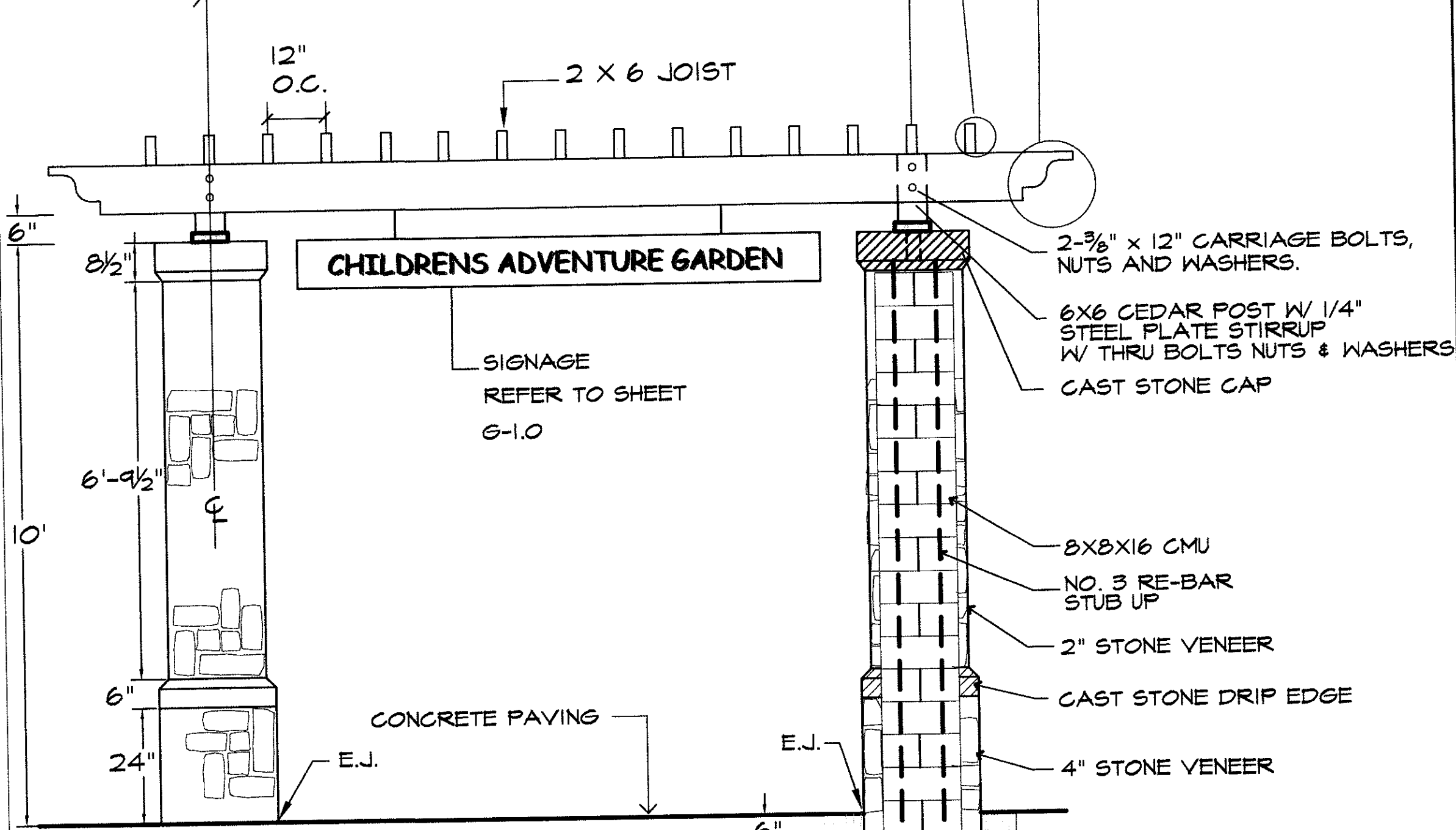
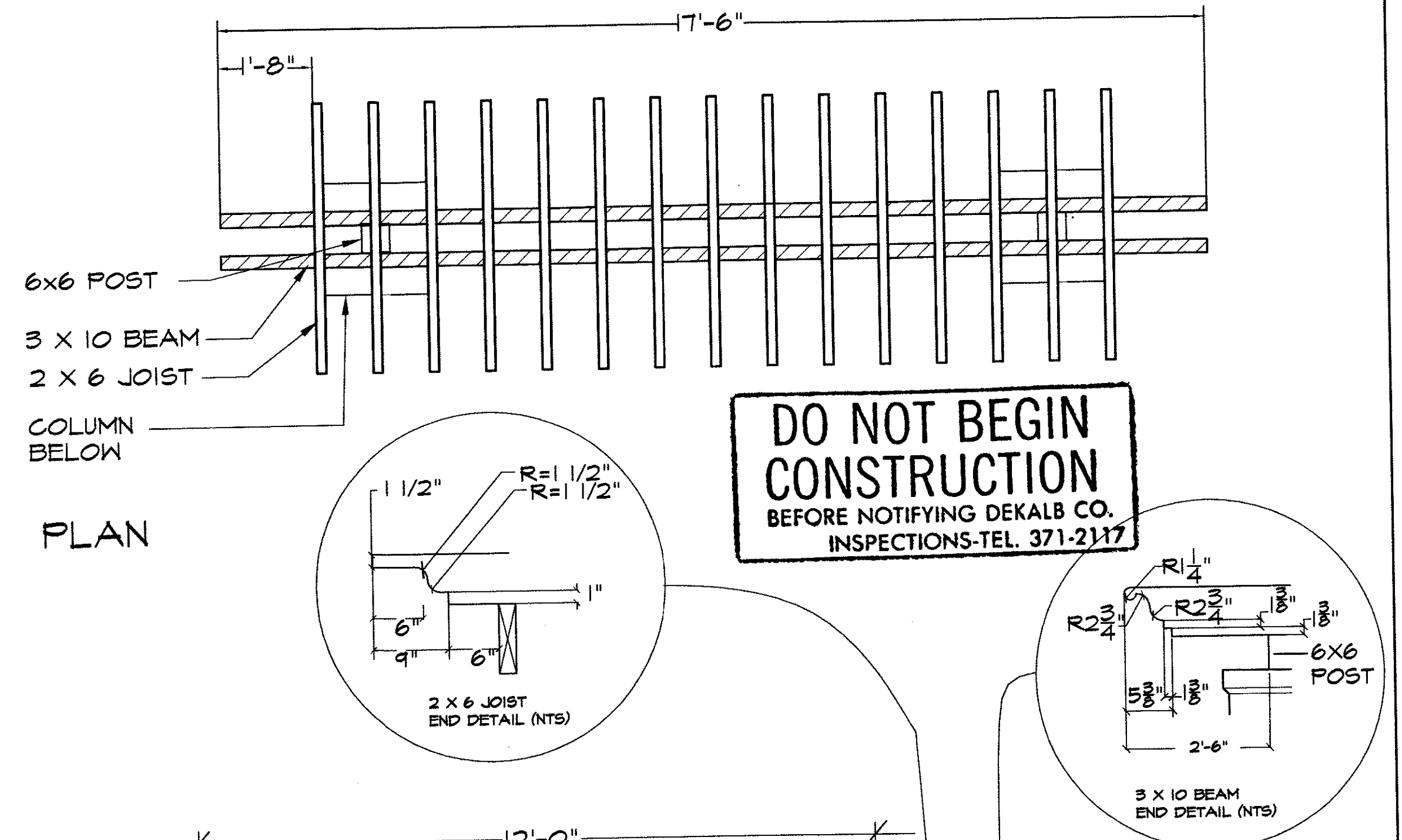
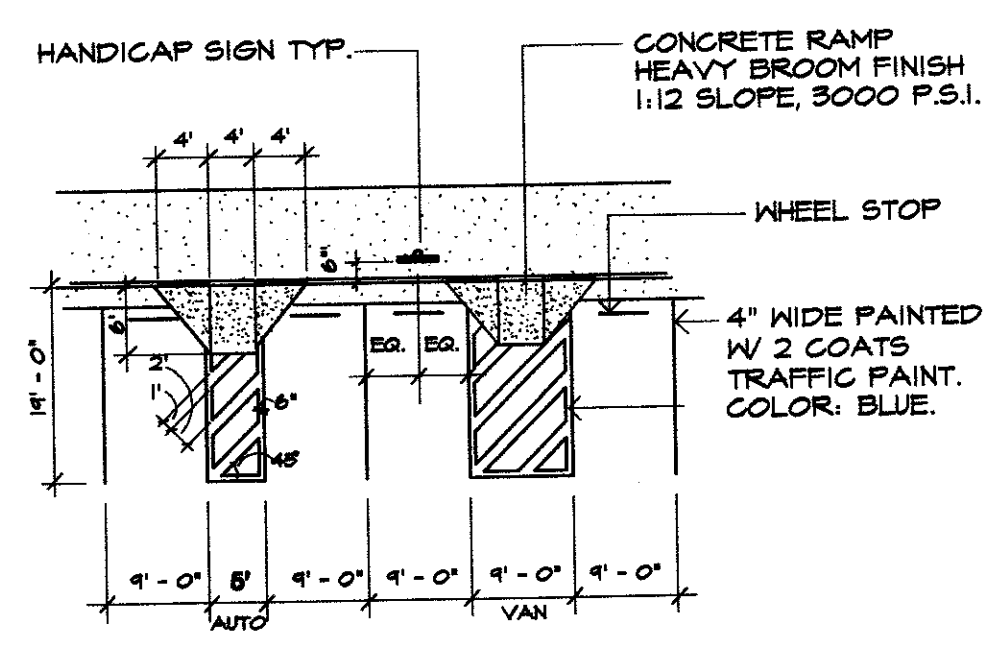
WR WHEELCHAIR RAMP
N.T.S.



FP FLAGSTONE PAVING
N.T.S. **BID ALTERNATE #5**
(IN LIEU OF STAMPED CONCRETE)



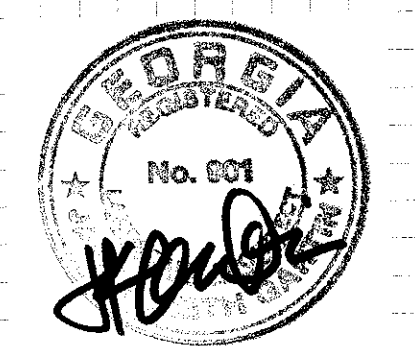
HC HANDICAP PARKING DETAILS
N.T.S.



ET ENTRANCE TRELLIS
1/2" = 1'-0"

- NOTES:
1. ALL WOOD WESTERN RED CEDAR, #2 TIGHT KNOT, FINISHED BOTH SIDES.
 2. ALL FASTENERS SHALL BE HOT DIPPED GALVANIZED.
 3. CAST STONE FABRICATION BY ARCHITECTURAL ORNAMENTAL CASTINGS, INC. 2710 E. PONCE DE LEON AVE., 404-378-6458, OR EQUAL.
 4. STONE VENEER TO BE THIN TENNESEE FIELDSTONE, RANDOM REGULAR PATTERN.
 5. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PRIOR TO FABRICATION.

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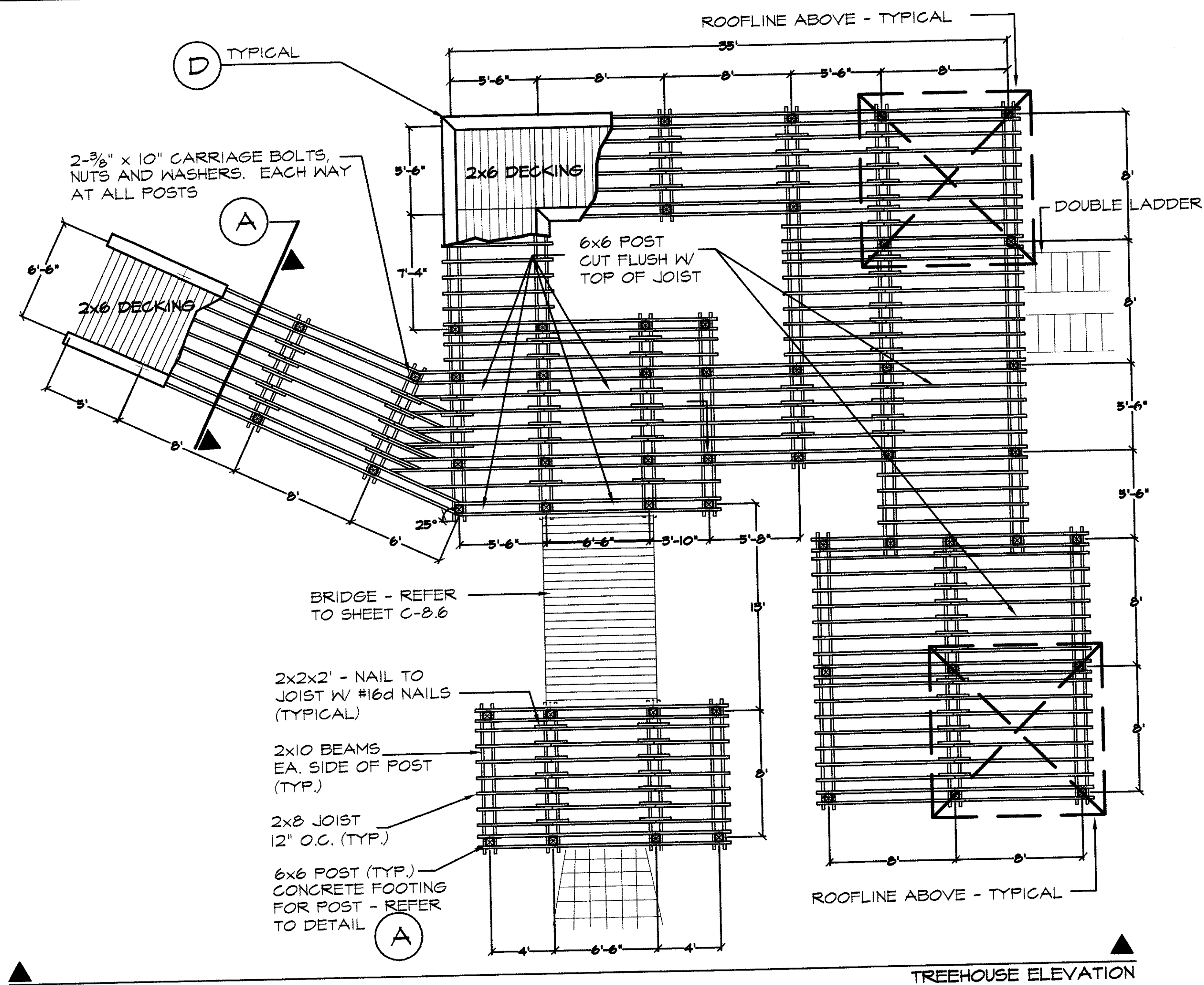


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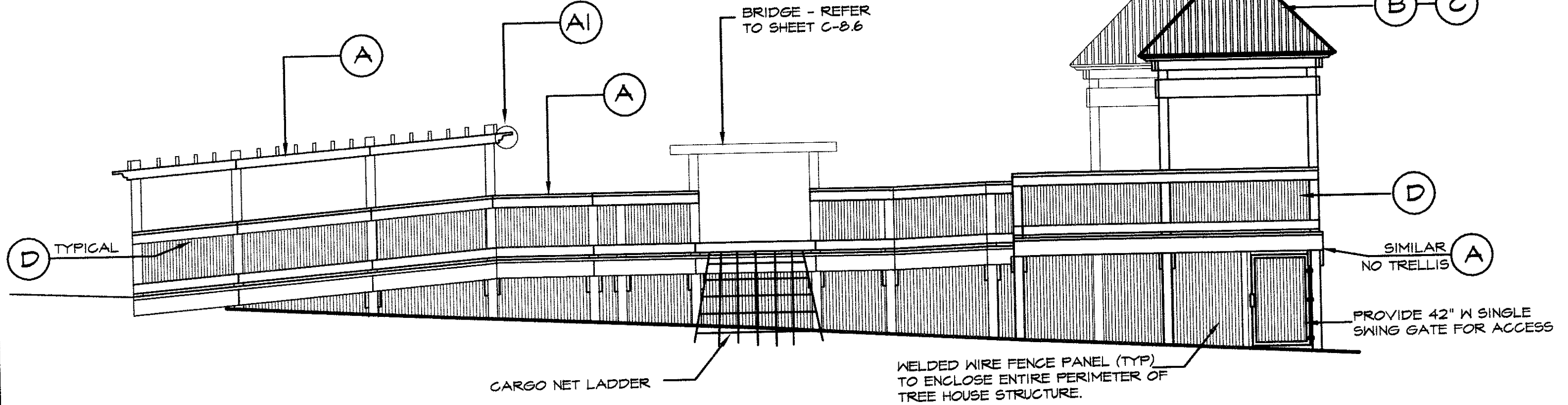
PROJECT TITLE **CHILDREN'S ADVENTURE GARDEN**
AT BROOK RUN PARK
4770 N. PEACHTREE RD.
DUNWOODY, GA. 30338
PREPARED FOR **DEKALB COUNTY PARKS AND RECREATION**
3681 Chestnut Street
Scottdale, GA 30079

REVISIONS		
NO.	DATE	DESCRIPTION

RELEASE STATUS
 PROGRESS PRINT
 PERMIT RELEASE
 BID RELEASE
 CONSTRUCTION RELEASE
 RELEASE DATE
 SCALE: AS SHOWN
 DATE: 05-27-04
 PROJECT NUMBER: 23141
 DRAWING TITLE: SITE DETAILS



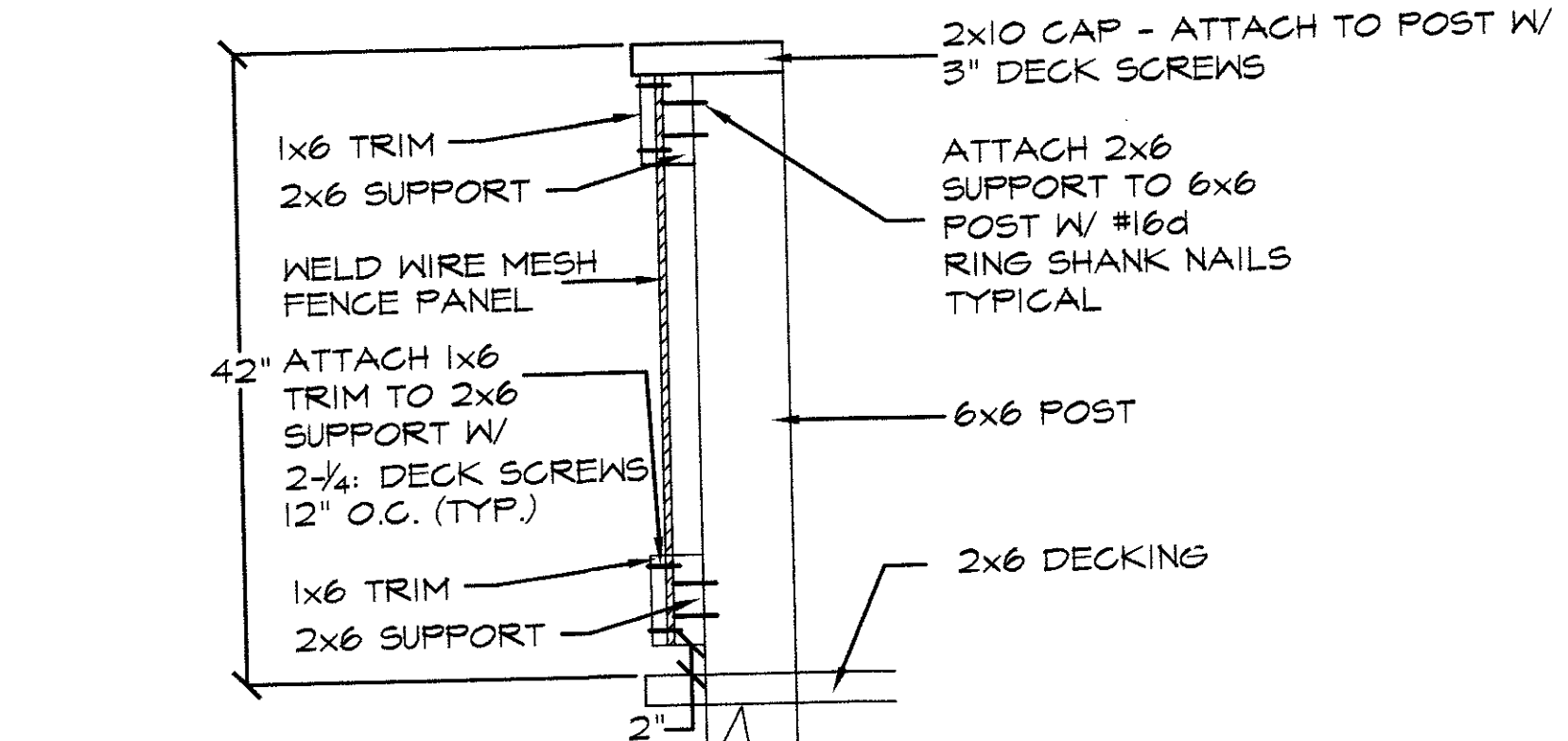
TREEHOUSE FRAMING PLAN
SCALE 1/4" = 1'-0"



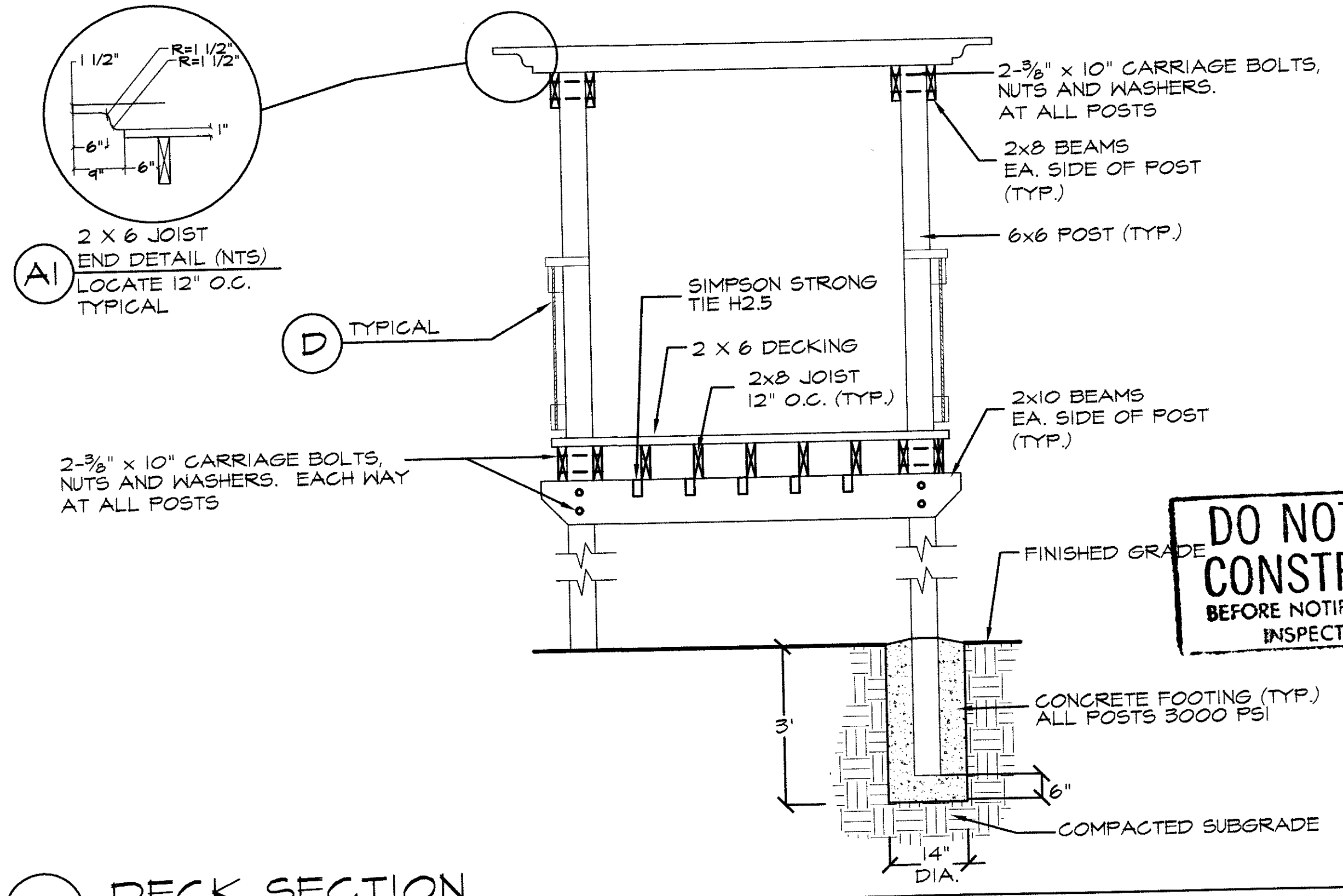
TREEHOUSE ELEVATION
SCALE 1/4" = 1'-0"

GENERAL NOTES:

1. ALL 2x6 DECKING AND 2x10 CAP FOR HANDRAIL TO BE TREX DECKING, COLOR: NATURAL OR EQUAL. ALL OTHER MEMBERS TO BE PRESSURE TREATED YELLOW PINE.
2. ATTACH ALL 2x6 DECKING TO JOIST W/ 3" GALVANIZED DECK SCREWS.
3. ALL HARDWARE TO BE HOT-DIPPED GALVANIZED.
4. SPLICING OF POSTS, BEAMS, RAILINGS, AND JOISTS IS NOT ACCEPTABLE.
5. WELDED WIRE FENCE PANEL, SWING GATE, POST, AND ALL ASSOCIATED HARDWARE BY OMEGA FENCE SYSTEMS, 1-800-836-6342, OR EQUAL.
6. CONTRACTOR TO COORDINATE CARGO NET LADDER AND DOUBLE LADDER ELEMENTS WITH PLAYGROUND MANUFACTURER PROVIDING ALL ASSOCIATED PLAY EQUIPMENT SHOWN ON PLANS.
7. FLAGPOLE TO BE STEEL PIPE, PRIME AND PAINT COLOR: SILVER.
8. STAIN ALL EXPOSED PRESSURE TREATED WOOD W/ OLYMPIC SEMI-TRANSPARENT LAYTEX STAIN. COLOR: NATURAL, OR EQUAL.
9. STANDING SEAM METAL ROOF TO MATCH RESTROOM BUILDING, REFER TO ARCHITECTURAL PLANS.

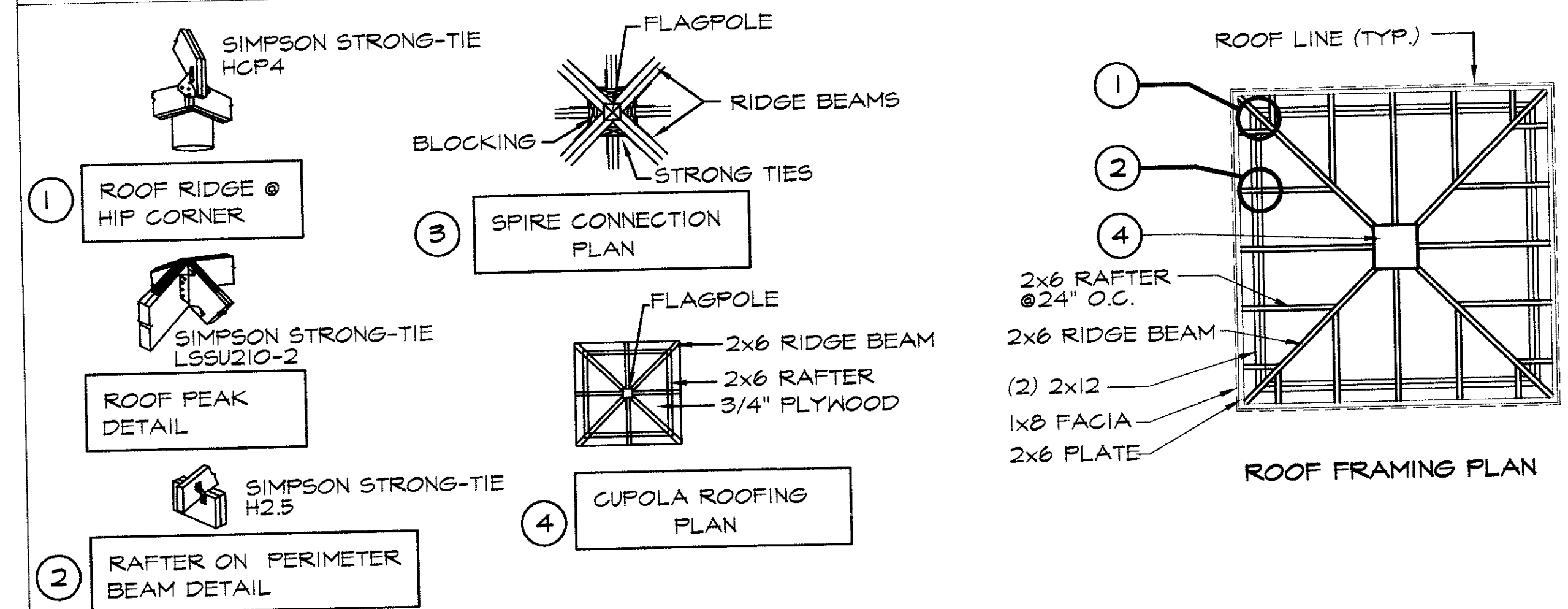


D HANDRAIL
N.T.S.

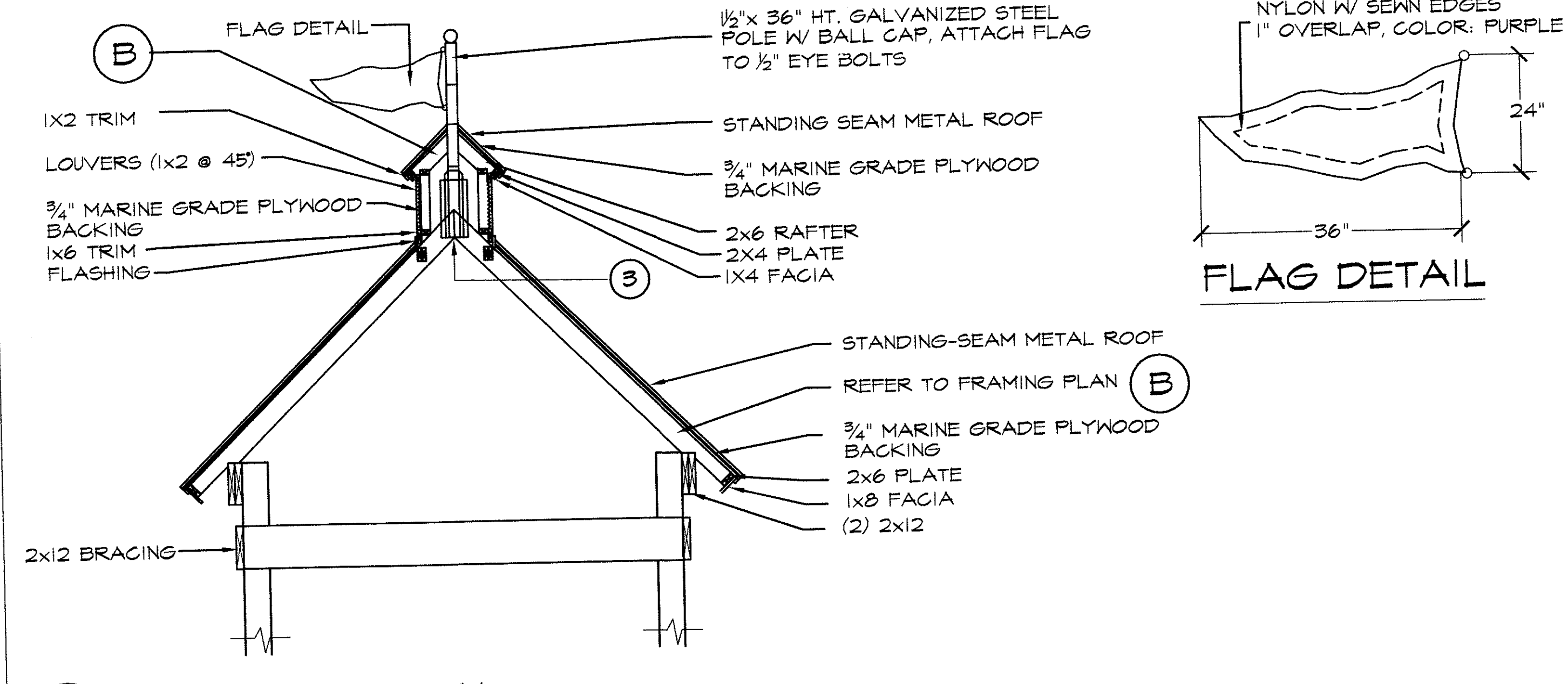


A DECK SECTION
SCALE: 1/2" = 1'-0"

DO NOT BEGIN CONSTRUCTION
BEFORE NOTIFYING DEKALB CO.
INSPECTIONS-TEL. 371-2117

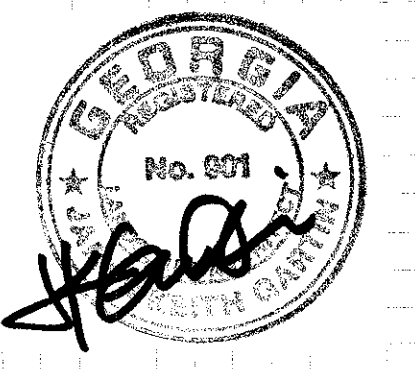


B ROOF AND CUPOLA FRAMING PLAN
N.T.S.



C ROOF SECTION
N.T.S.

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PROJECT TITLE **CHILDREN'S ADVENTURE GARDEN AT BROOK RUN PARK**
4770 N. PEACHTREE RD. DUNWOODY, GA. 30338
PREPARED FOR **DEKALB COUNTY PARKS AND RECREATION**
3681 Chestnut Street
Scottdale, GA 30079

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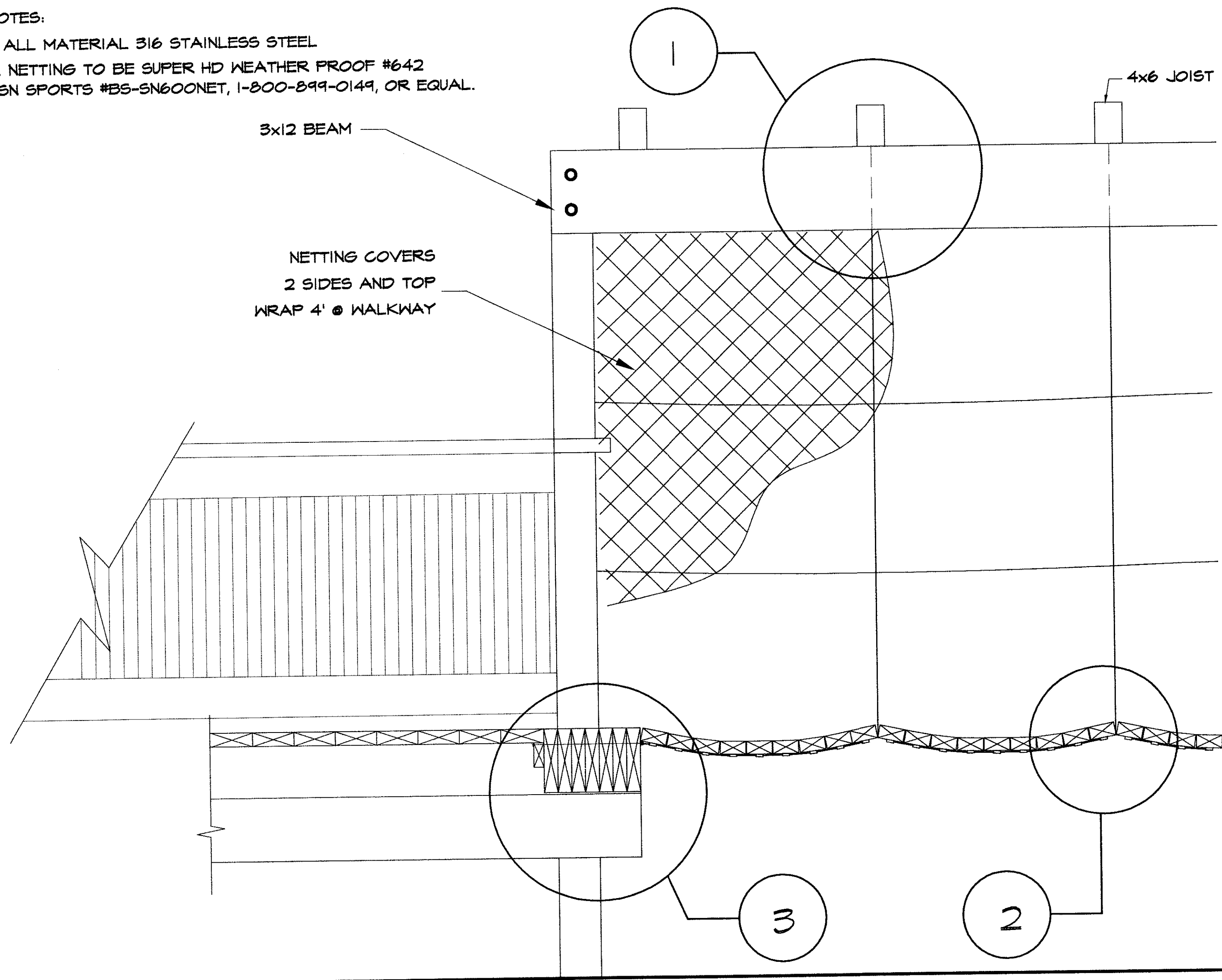
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 DATE: **05-27-04**
 PROJECT NUMBER: **23141**
 DRAWING TITLE

TREEHOUSE DETAILS

C-8.7
19 OF 36 SHEETS

NOTES:

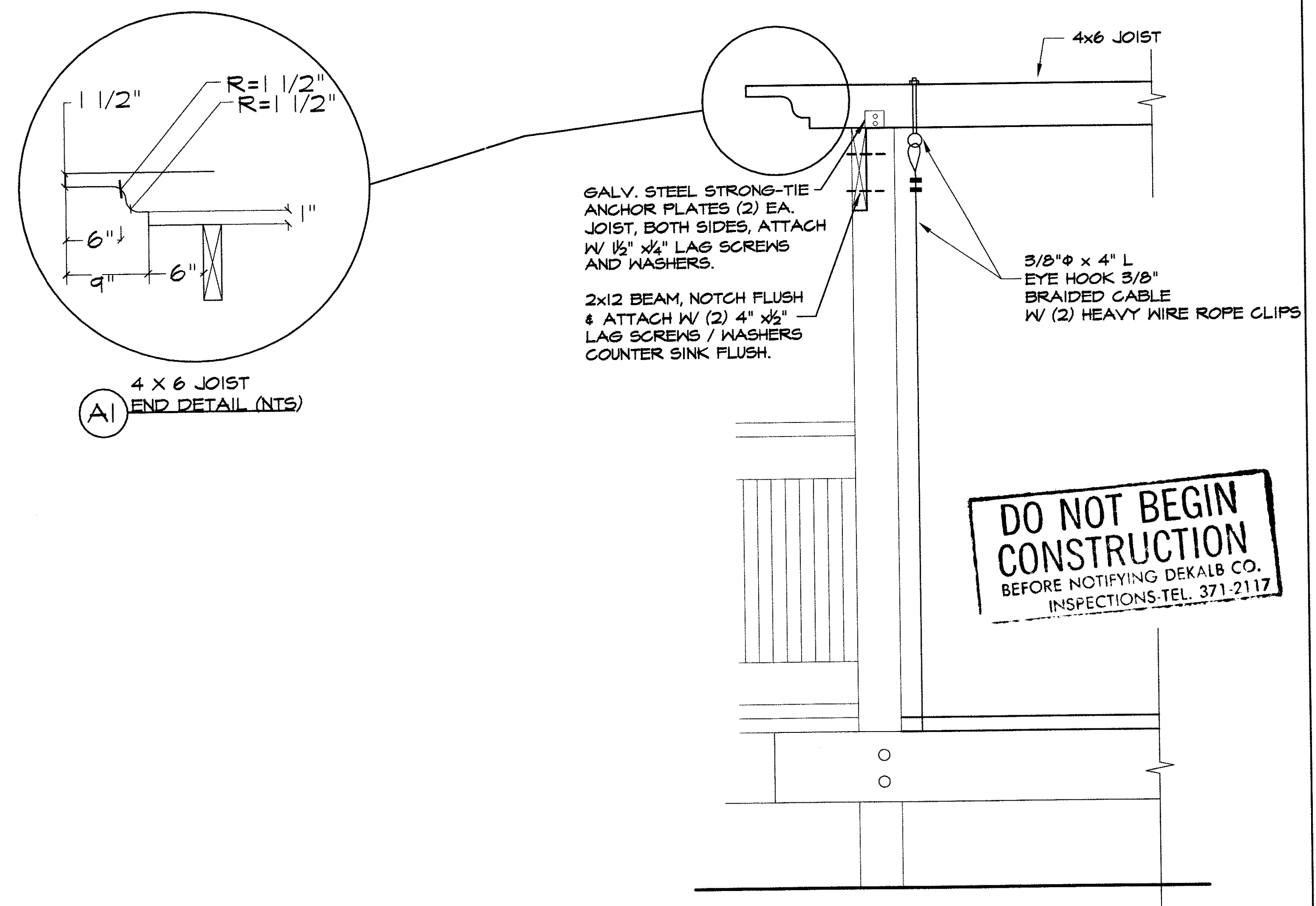
1. ALL MATERIAL 316 STAINLESS STEEL
2. NETTING TO BE SUPER HD WEATHER PROOF #642 BSN SPORTS #BS-SN60ONET, 1-800-899-0149, OR EQUAL.



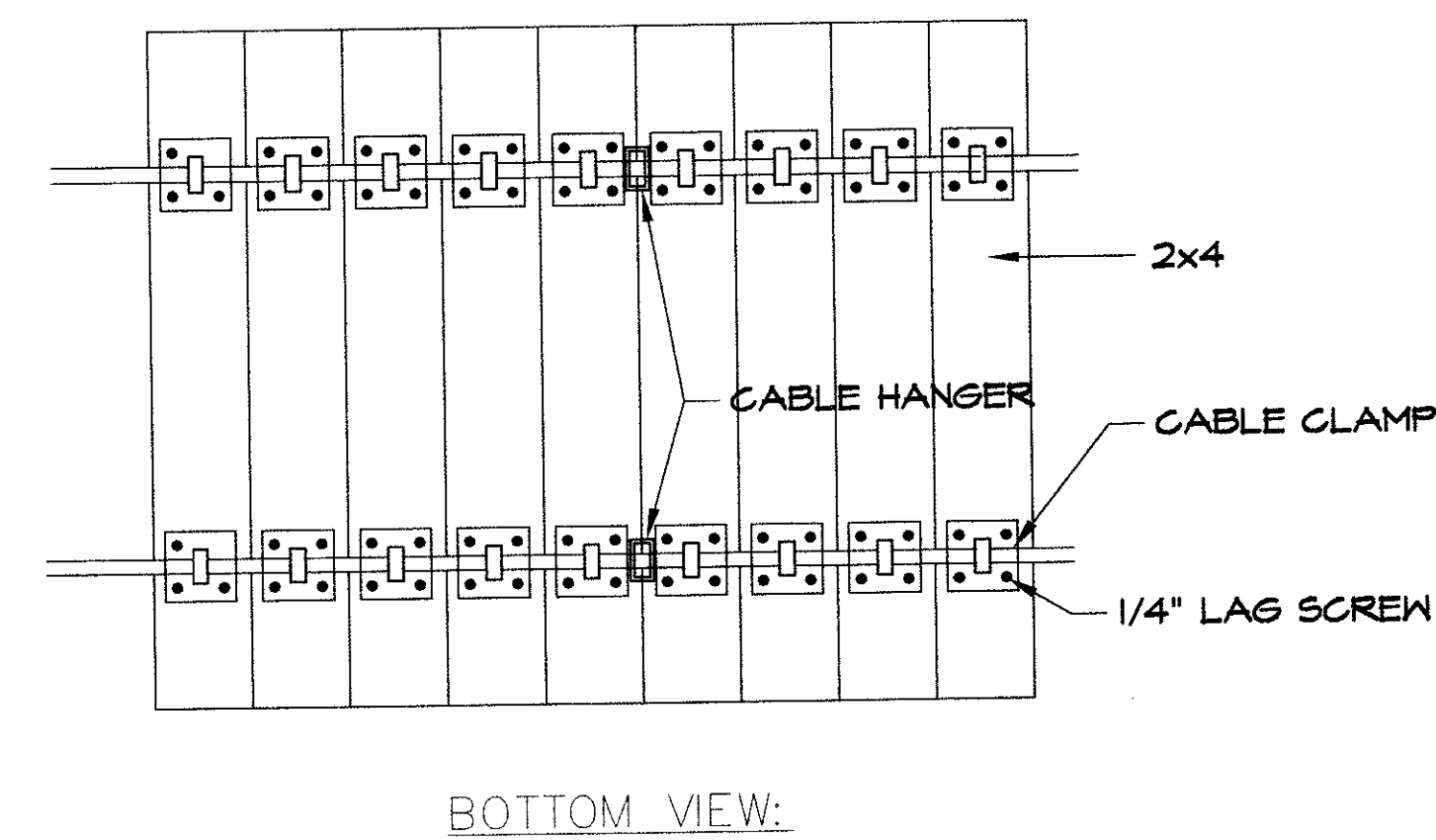
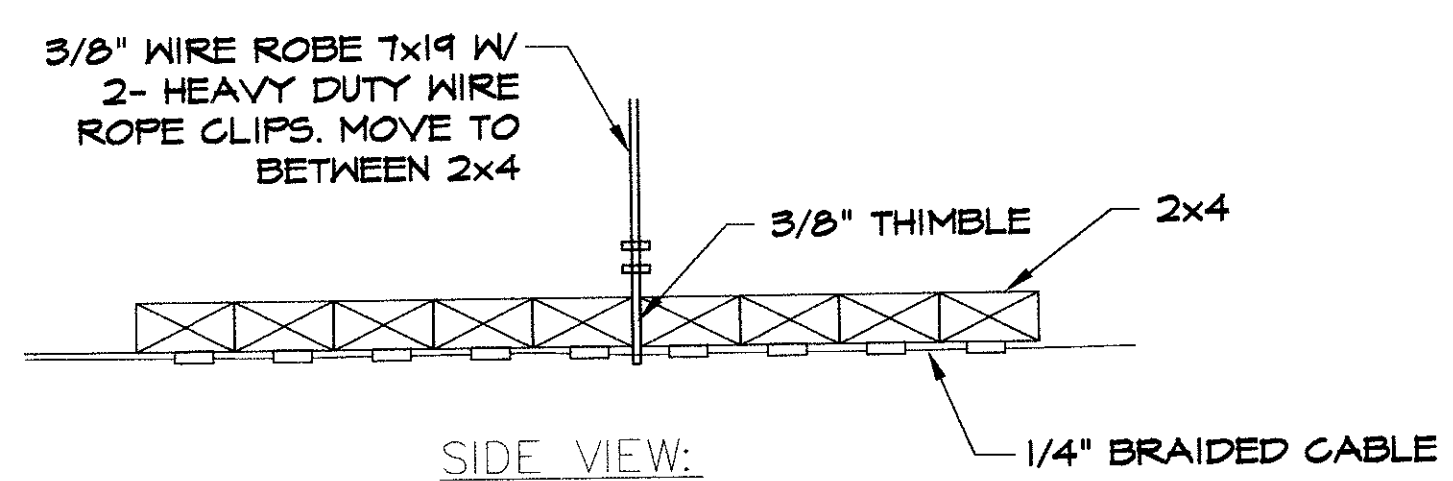
A BRIDGE ELEVATION
SCALE: 1" = 1'-0"

NOTES:

1. ALL MATERIAL 316 STAINLESS STEEL



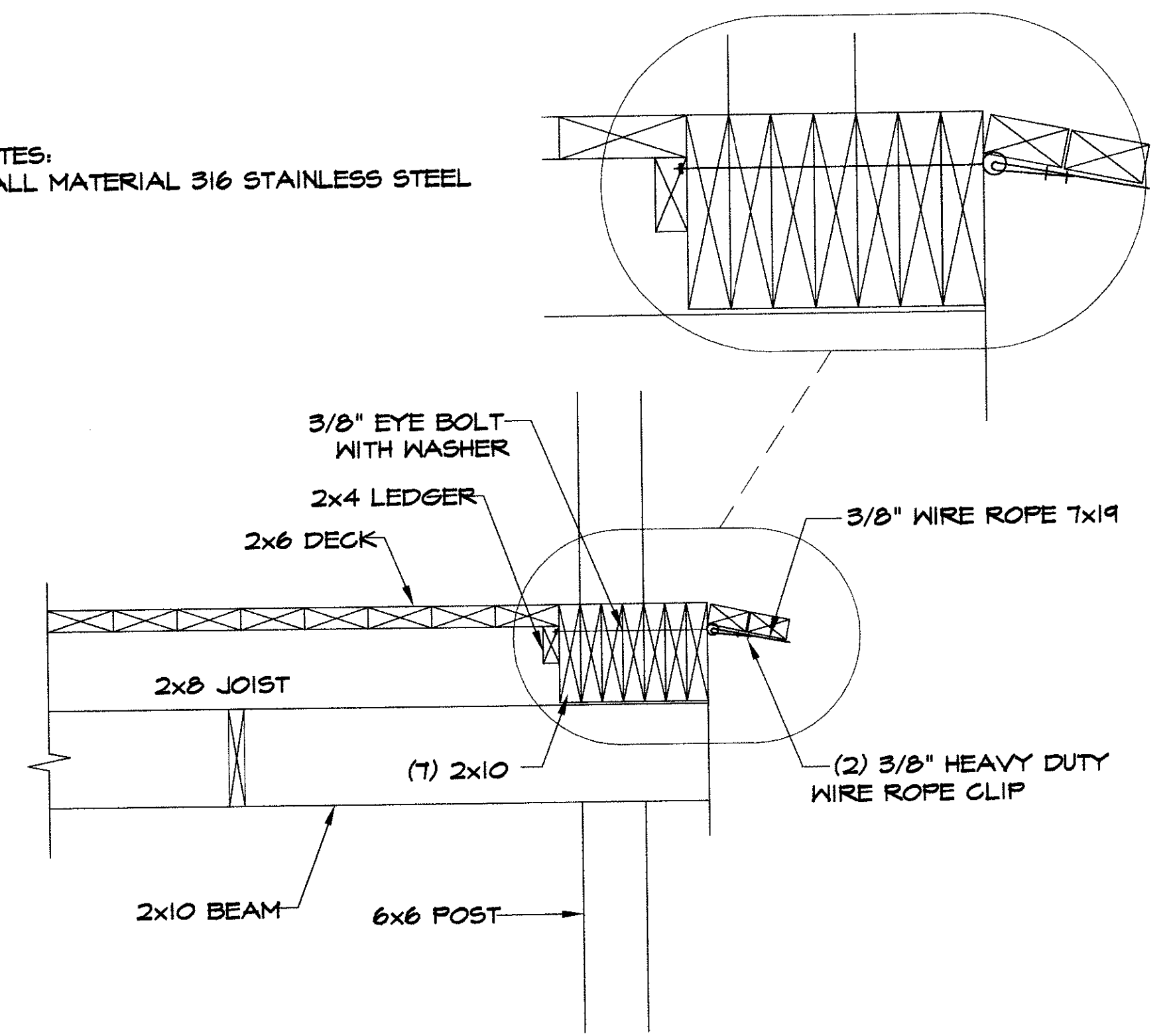
1 HANGER CONNECTION
SCALE: 1" = 1'-0"



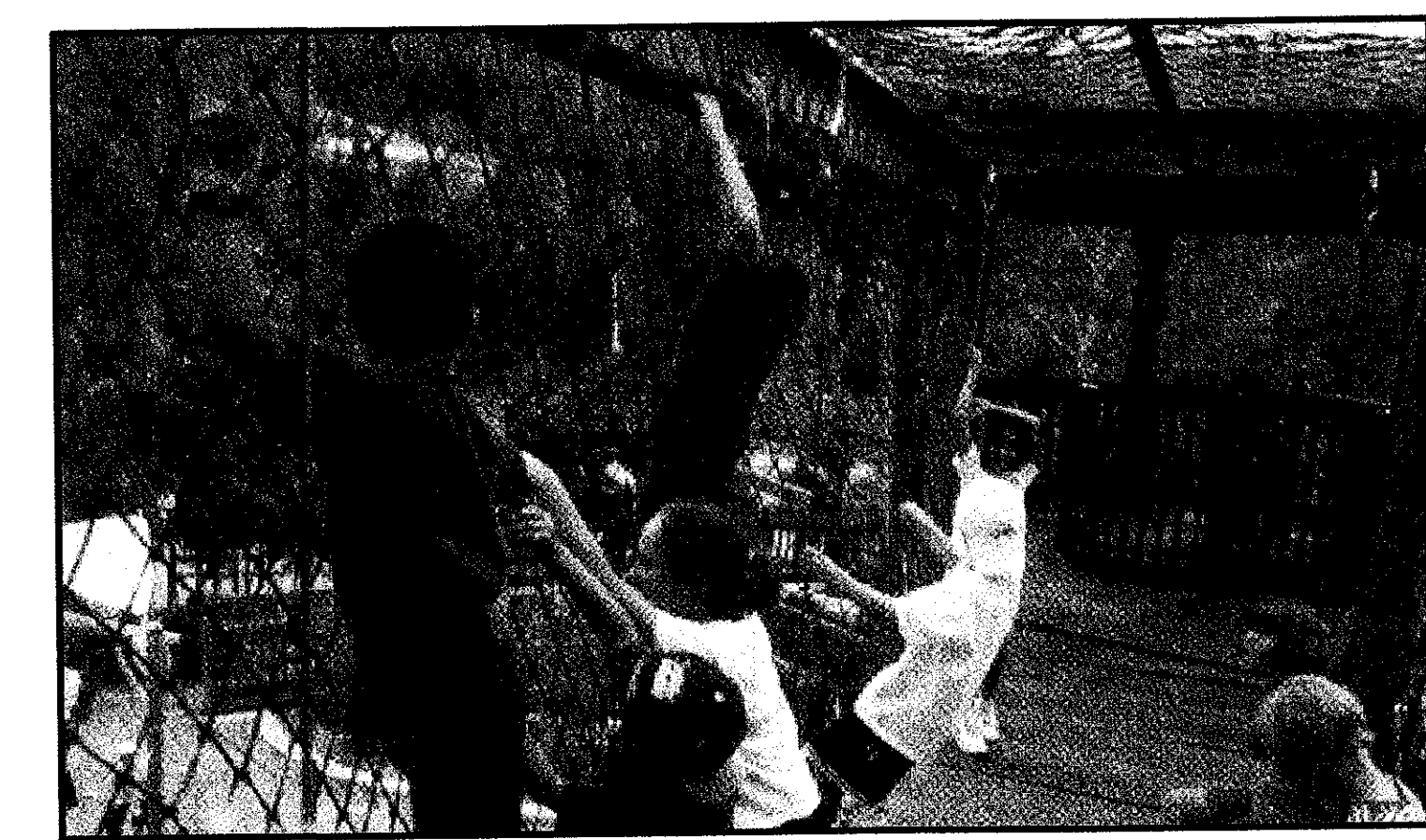
2 BRIDGE/WALKWAY CONNECTION
N.T.S.

NOTES:

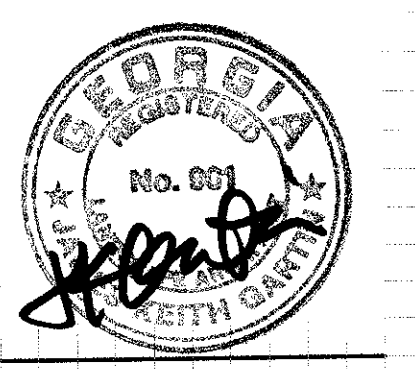
1. ALL MATERIAL 316 STAINLESS STEEL



3 BRIDGE CONNECTION
N.T.S.



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591 N. Highland Avenue, NE Atlanta, Georgia 30307 404-886-1454

PROJECT TITLE **CHILDREN'S ADVENTURE GARDEN AT BROOK RUN PARK**
4770 N. PEACHTREE RD
DUNWOODY, GA. 30338

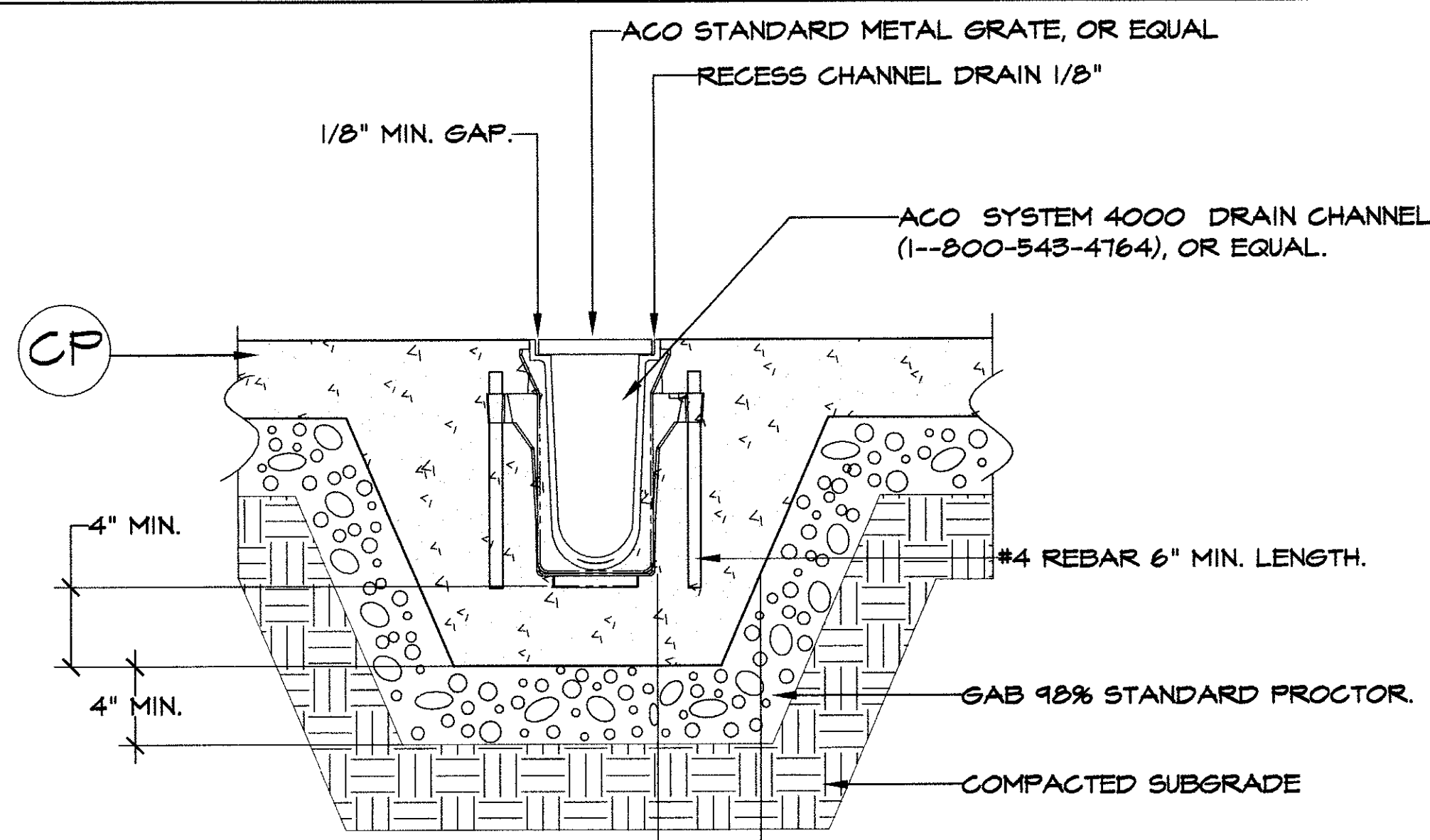
PREPARED FOR **DEKALB COUNTY PARKS AND RECREATION**
3681 Chestnut Street
Scottdale, GA 30079

REVISIONS		
NO.	DATE	DESCRIPTION

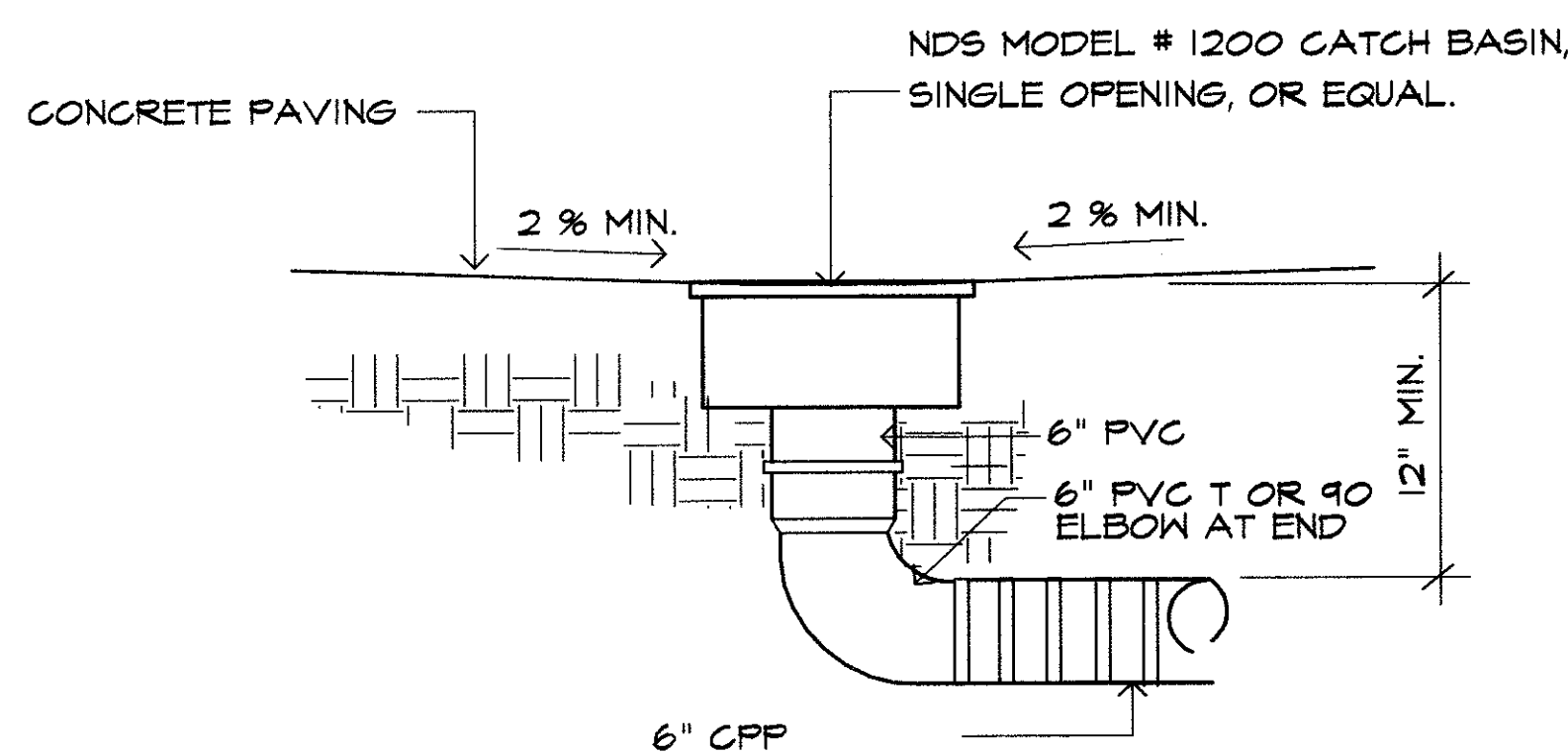
RELEASE STATUS
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 PERMIT RELEASE
 BID RELEASE
 CONSTRUCTION RELEASE
 RELEASE DATE

SCALE:
AS SHOWN
DATE:
05-27-04
PROJECT NUMBER
23141
DRAWING TITLE

TREEHOUSE DETAILS

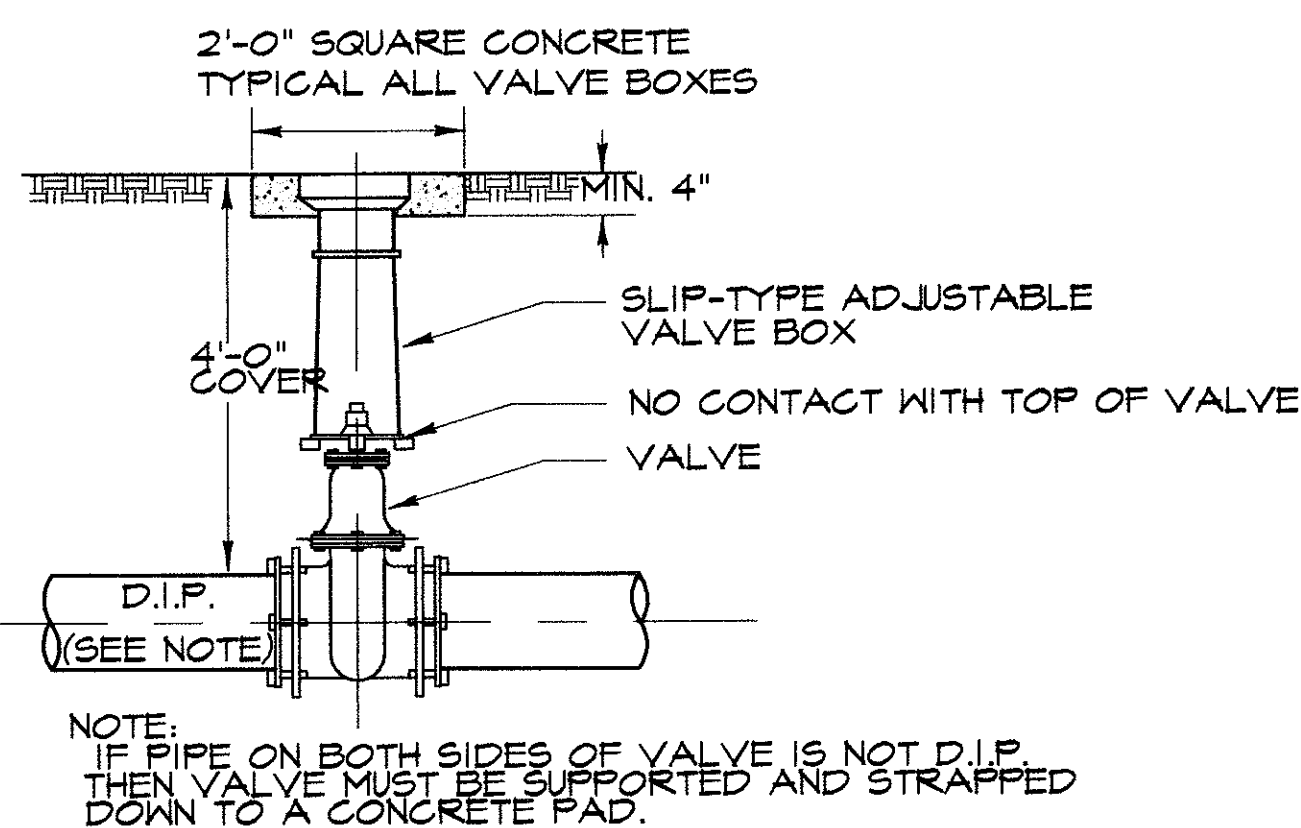


TD TRENCH DRAIN
N.T.S.

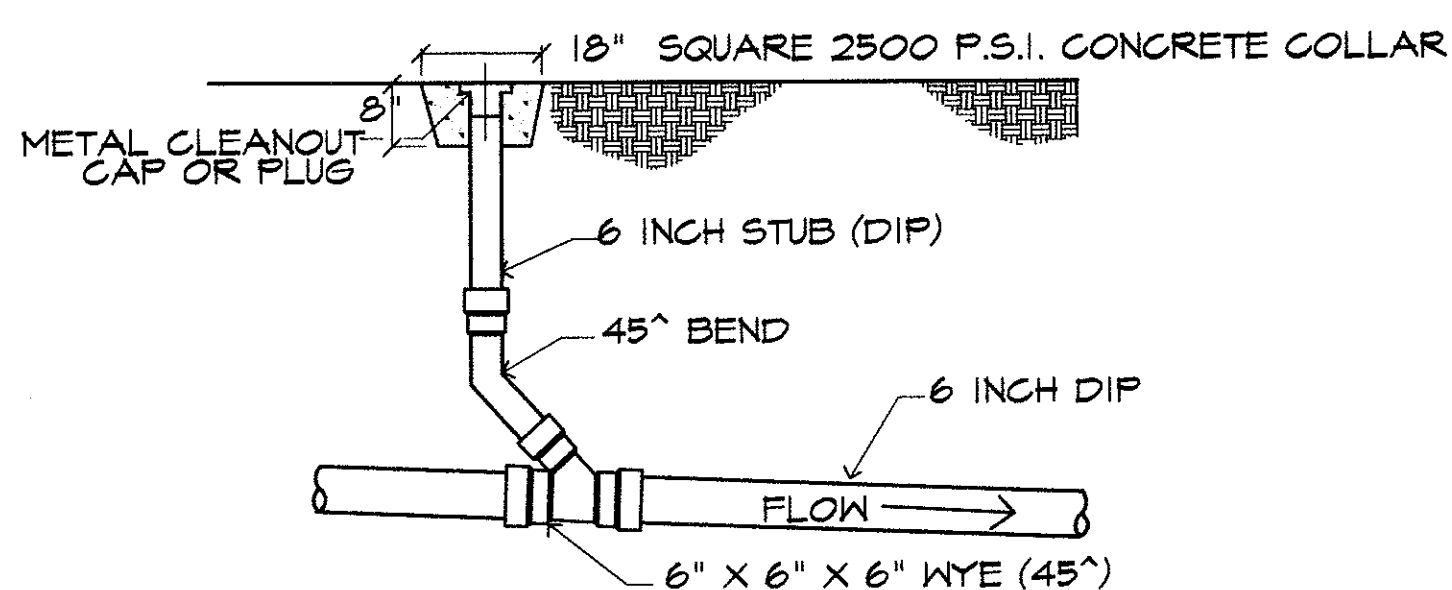


NOTE:
REFER TO SHEET C-5.0 FOR LOCATION OF DRAINS.
GRATE BY NDS, MODEL #1215. 1-800-726-1944, OR EQUAL.

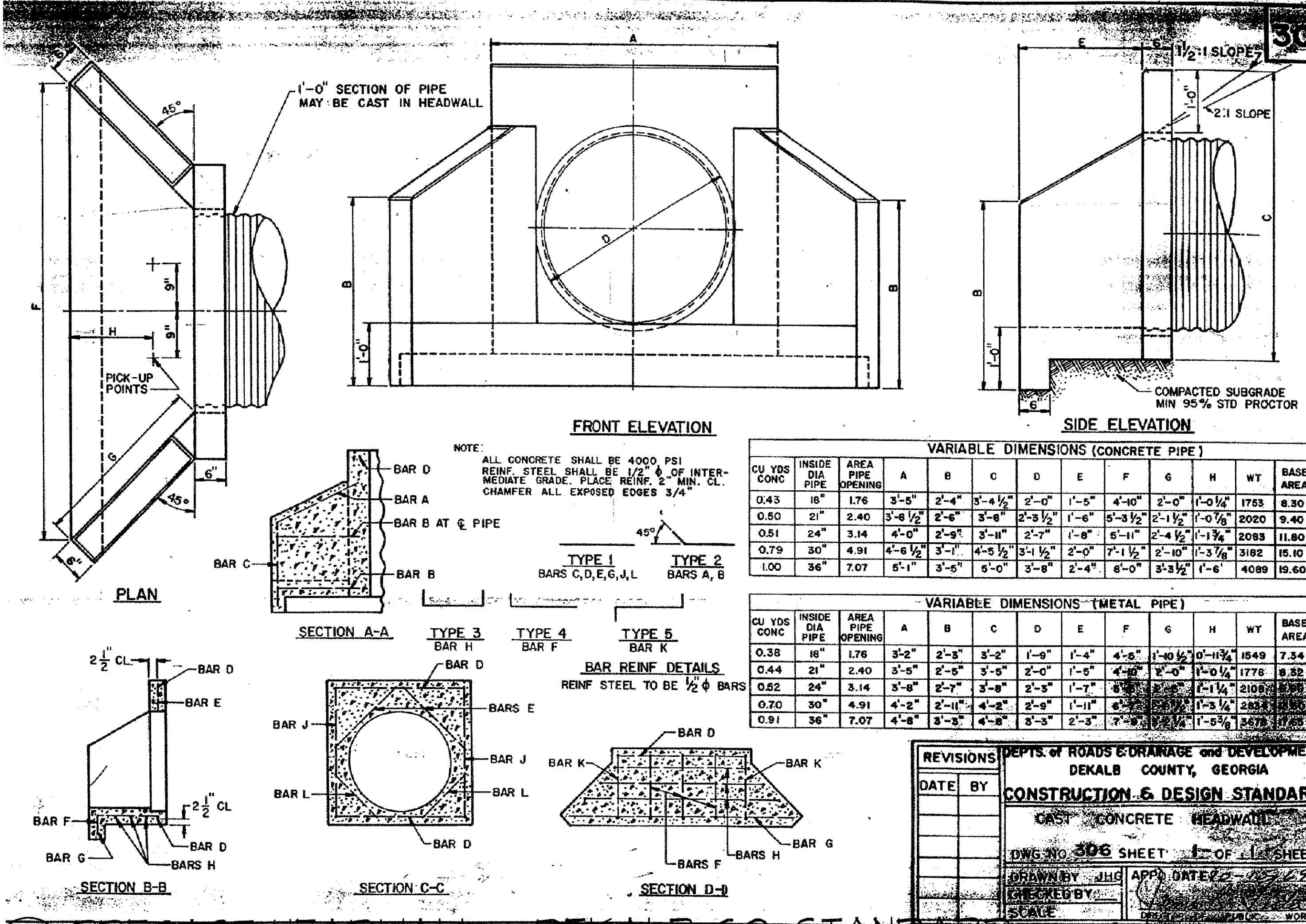
AD AREA DRAIN
N.T.S.



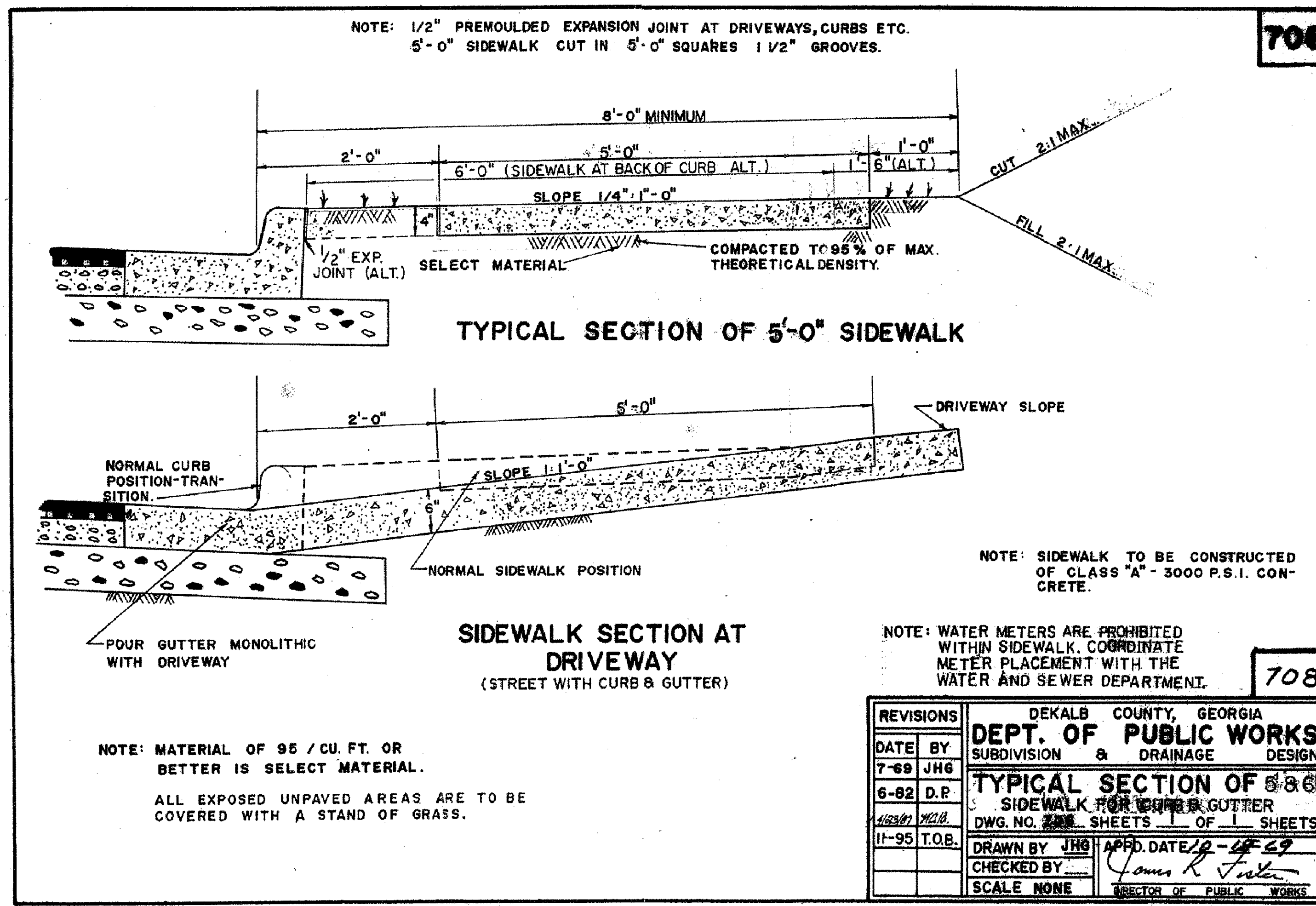
WV WATER VALVE
N.T.S.



CO CLEANOUT DETAIL
N.T.S.



Precast Headwall - DEKALB CO. STANDARD
N.T.S.



Typical Sidewalk Section - DEKALB COUNTY STANDARD
N.T.S.

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GEORGIA
No. 801
Professional Engineer
31774

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591 N. Highland Avenue, NE Atlanta, Georgia 30307 404-688-4454

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BEFORE NOTIFYING DEKALB CO INSPECTIONS TEL. 371-2117

PROJECT TITLE
CHILDREN'S ADVENTURE GARDEN AT BROOK RUN PARK
4770 N. PEACHTREE RD. DUNWOODY, GA. 30338

PREPARED FOR
DEKALB COUNTY PARKS AND RECREATION
3681 Chestnut Street
Scottsdale, GA 30079

REVISIONS
NO. DATE DESCRIPTION

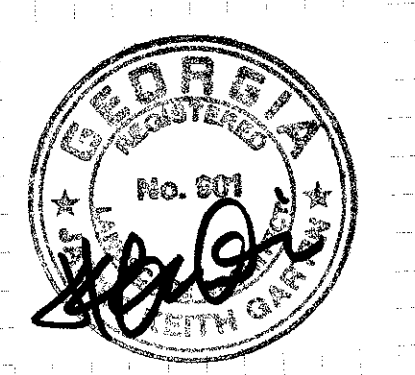
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○ CONSTRUCTION RELEASE
RELEASE DATE

SCALE:
AS SHOWN
DATE:
05-27-04

PROJECT NUMBER
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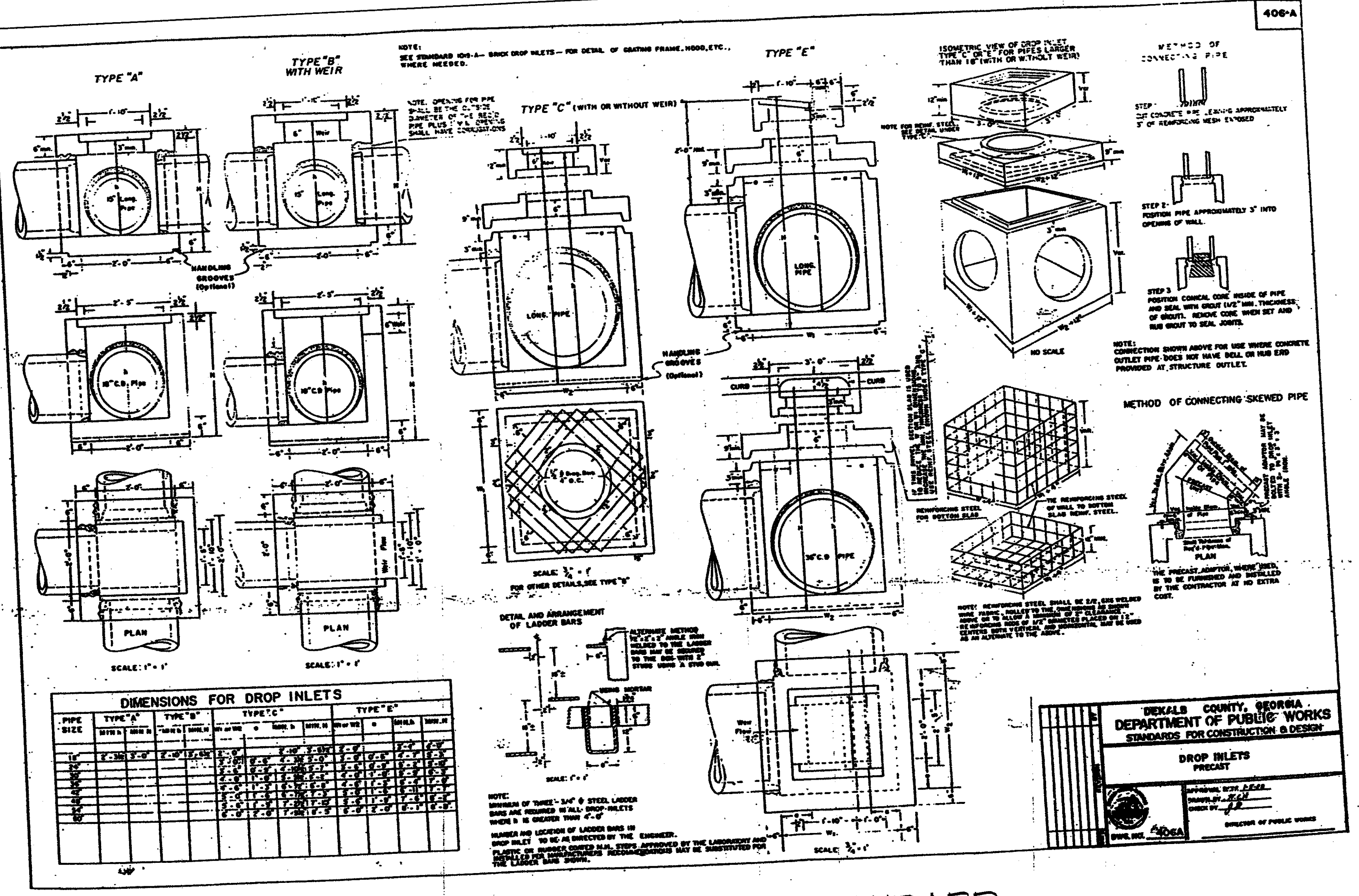
DRAWING TITLE
UTILITY DETAILS

C - 8.9
21 OF 36 SHEETS

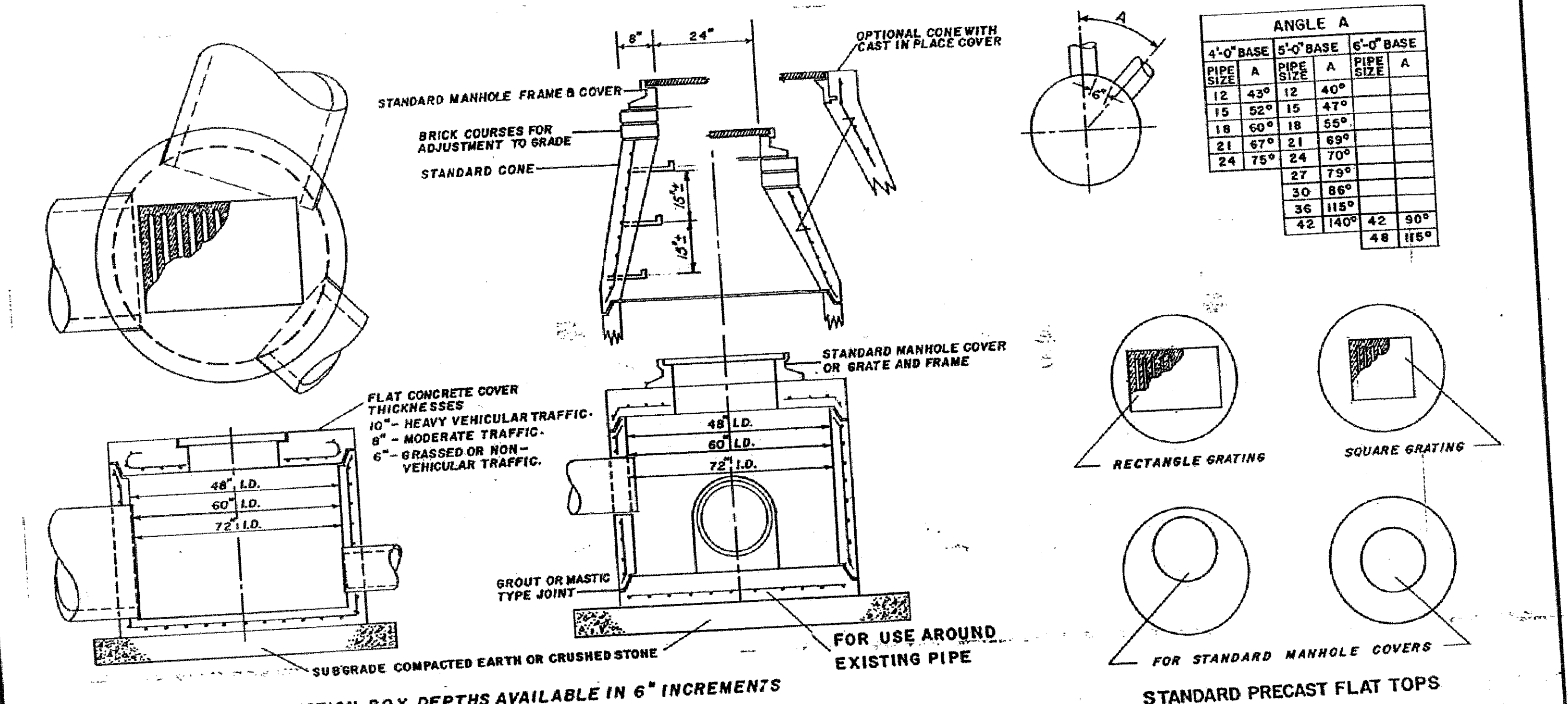


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D1 PRECAST DRAIN INLET-DEKALB COUNTY STANDARD
 N.T.S.



NOTE: SUBGRADE TO BE COMPACTED TO 95% STANDARD PROCTOR REINFORCEMENT STEEL TO BE PLACED TO ALLOW A MINIMUM OF 2" CLEARANCE, EXCEPT WHERE NOTED. REINFORCEMENT STEEL SHALL BE OF INTERMEDIATE GRADE AND SHALL BE 0.12 SQ. IN. PER FT. IN BOTH DIRECTIONS IN ACCORDANCE WITH A.S.T.M. C 478-67 MANDHOLE SPECIFICATIONS ALL CONCRETE SHALL BE 4,000 P.S.I.

REVISIONS: DATE BY 0-82 D.R.

DEPTS. OF ROADS & DRAINAGE AND DEVELOPMENT DEKALB COUNTY, GEORGIA

CONSTRUCTION & DESIGN STANDARDS

STANDARD ROUND PRECAST DROP INLET & JUNCTION BOX SYSTEMS

DWG. NO. 408 SHEET 1 OF 1 SHEETS

DRAWN BY C.M. APP'D DATE 10-31-69

CHECKED BY R.M. DIRECTOR OF PUBLIC WORKS

SCALE: NONE

PROJECT TITLE CHILDREN'S ADVENTURE GARDEN
 AT BROOK RUN PARK
 4770 N. PEACHTREE RD.
 DUNWOODY, GA. 30088

PREPARED FOR DEKALB COUNTY PARKS AND RECREATION
 3681 Chestnut Street
 Scottdale, GA 30079

REVISIONS

NO.	DATE	DESCRIPTION

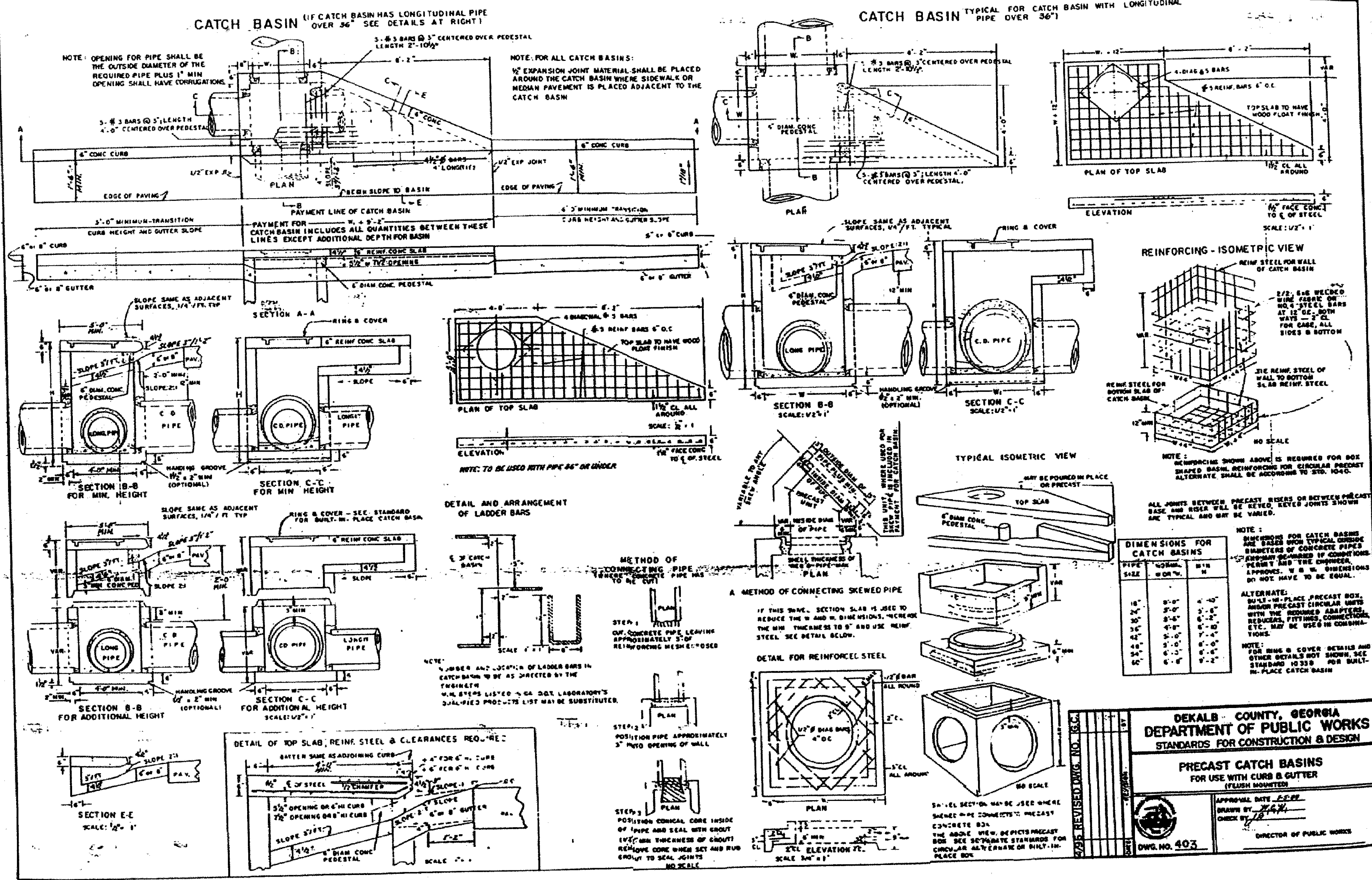
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- BID RELEASE
- CONSTRUCTION RELEASE

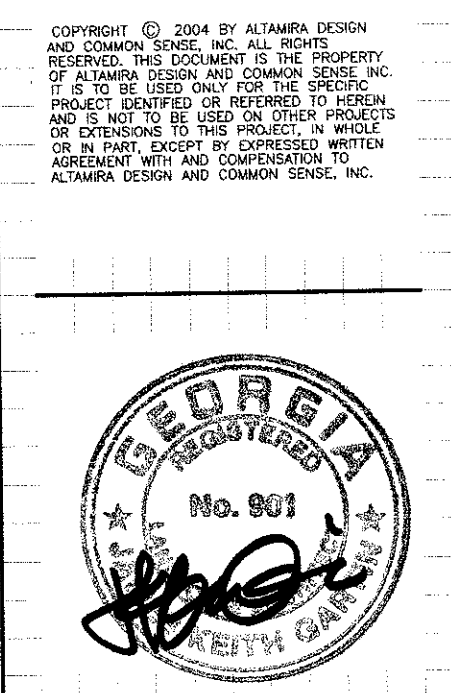
RELEASE DATE

SCALE: AS SHOWN
DATE: 05-27-04
PROJECT NUMBER: 23141
DRAWING TITLE: UTILITY DETAILS

B JUNCTION BOX

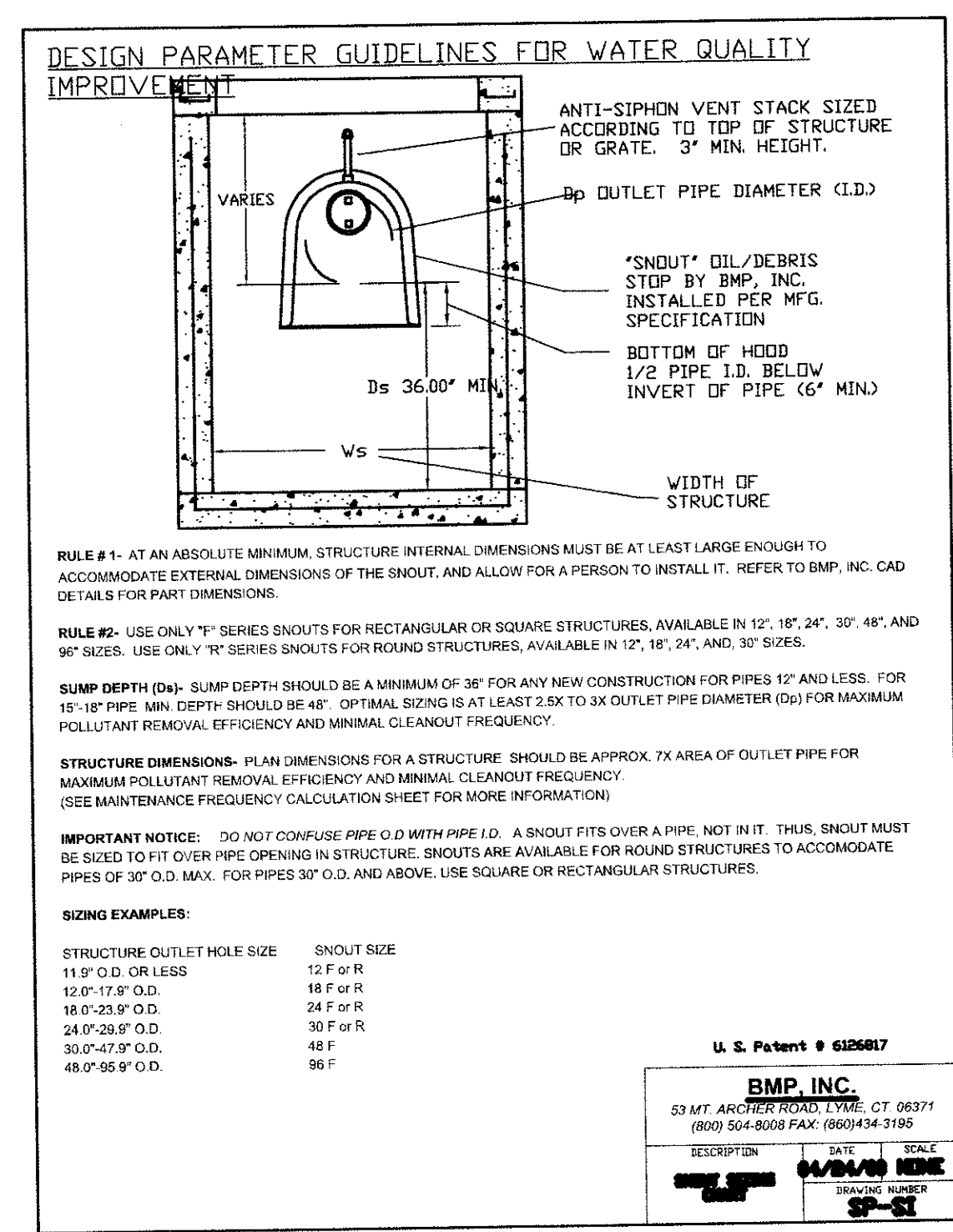


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CB SINGLE WING CATCH BASIN - DEKALB COUNTY STANDARD
N.T.S.



NOTE: 'THE SNOUT' BY BMP STRUCTURES INC., OR EQUAL, TO BE INSTALLED WITHIN CATCH BASIN. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

SN SNOUT - OIL / DEBRIS SEPERATOR
N.T.S.

PROJECT TITLE **CHILDREN'S ADVENTURE GARDEN
AT BROOK RUN PARK
4770 N. PEACHTREE RD.
DUNWOODY, GA. 30338**

PREPARED FOR **DEKALB COUNTY PARKS AND RECREATION
3681 Chestnut Street
Scottsdale, GA 30079**

REVISIONS	NO.	DATE	DESCRIPTION

RELEASE STATUS

PROGRESS PRINT

PERMIT RELEASE

BID RELEASE

CONSTRUCTION RELEASE

RELEASE DATE

SCALE:
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DATE:
05-27-04

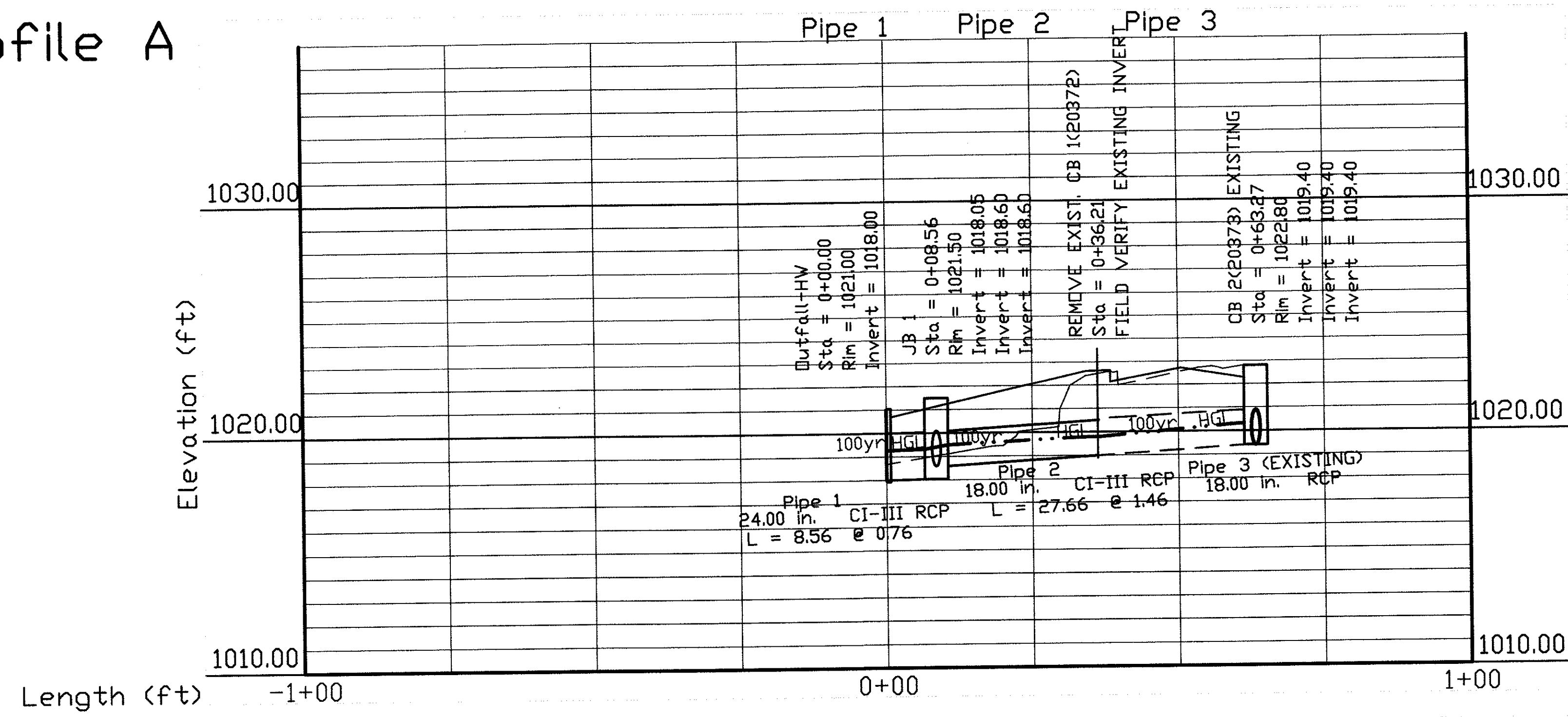
PROJECT NUMBER:
23141

DRAWING TITLE

UTILITY
DETAILS

C - 8.11
23 OF 36 SHEETS

Profile A



STORM SEWER CALCULATIONS

STORM DRAIN SYSTEM NOTES:
 1. CONTRACTOR TO PROVIDE 'AS-BUILT' DRAWINGS FOR STORM PIPE SYSTEM, INCLUDING LOCATION, SIZE, AND INVERT ELEVATIONS OF PIPED SEGMENTS OF THE STORM DRAINAGE SYSTEM

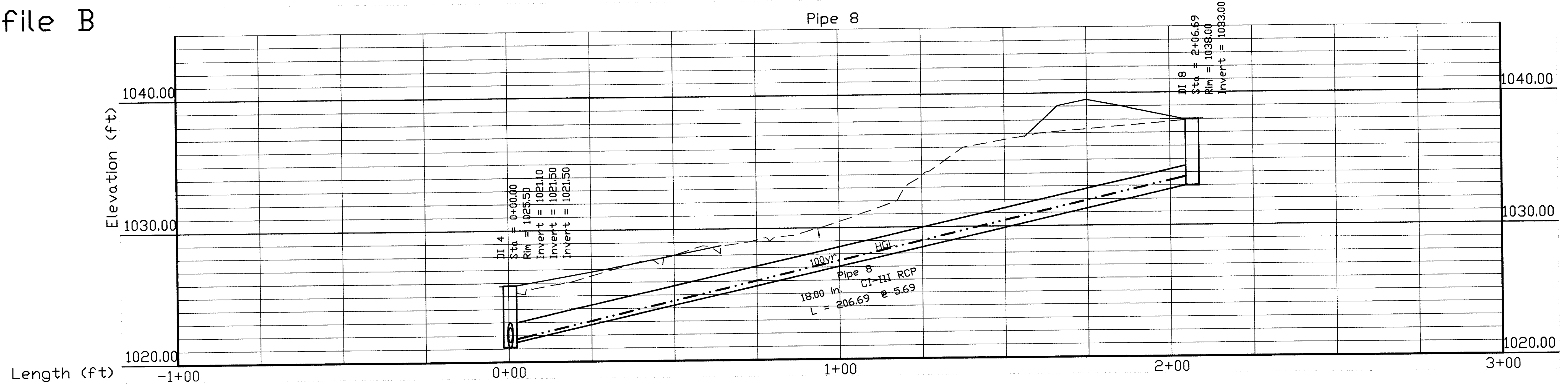
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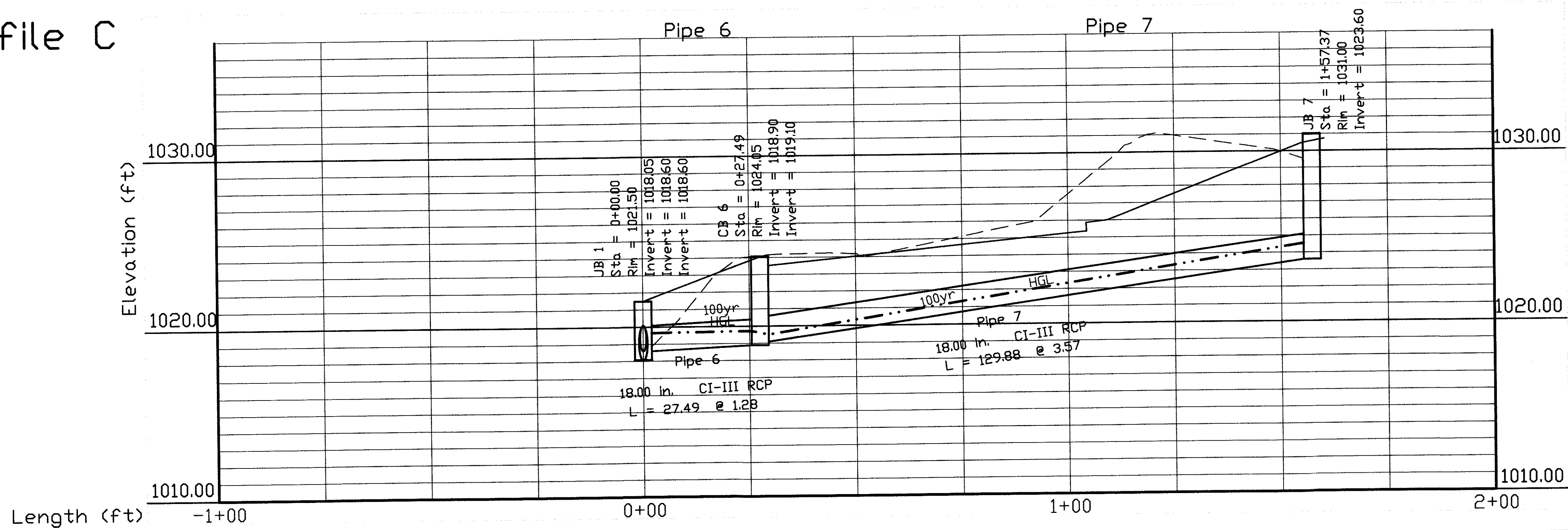


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Profile B



Profile C



PROJECT TITLE
 CHILDREN'S ADVENTURE GARDEN
 AT BROOK RUN PARK
 4770 N. PEACHTREE RD.
 DUNWOODY, GA. 30338

PREPARED FOR
 DEKALB COUNTY PARKS AND RECREATION
 3681 Chestnut Street
 Scottdale, GA 30079

REVISIONS		
NO.	DATE	DESCRIPTION

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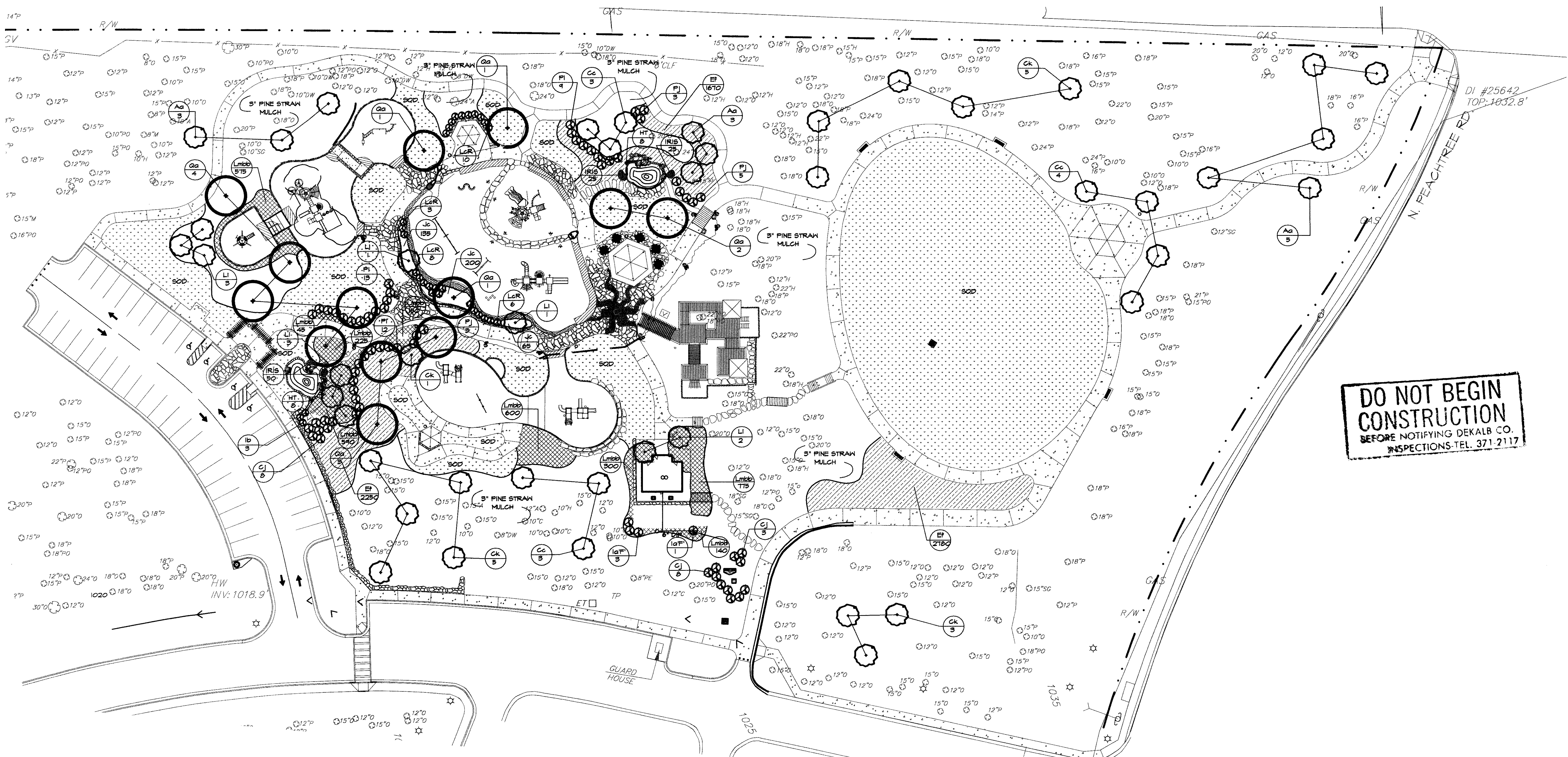
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SCALE:
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DATE:
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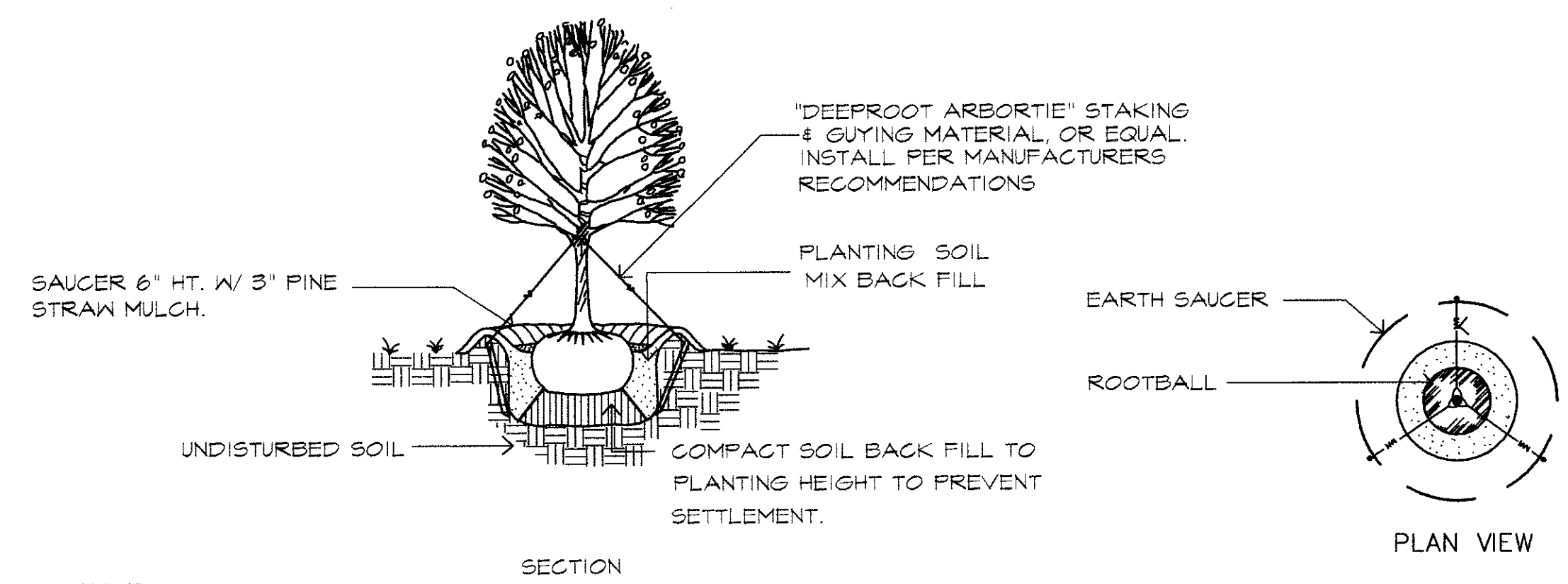
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 STORM PIPE PROFILES



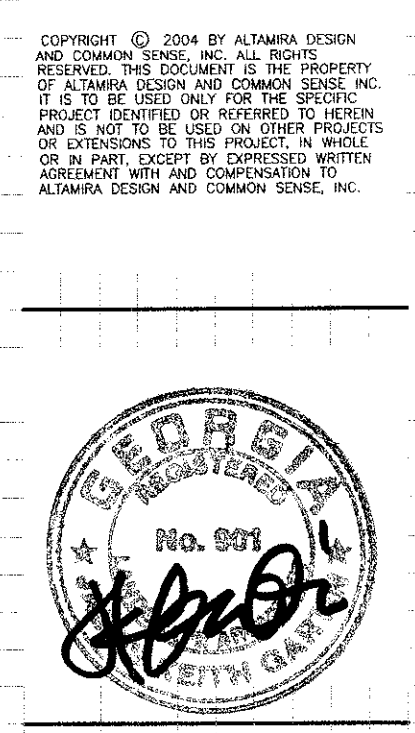
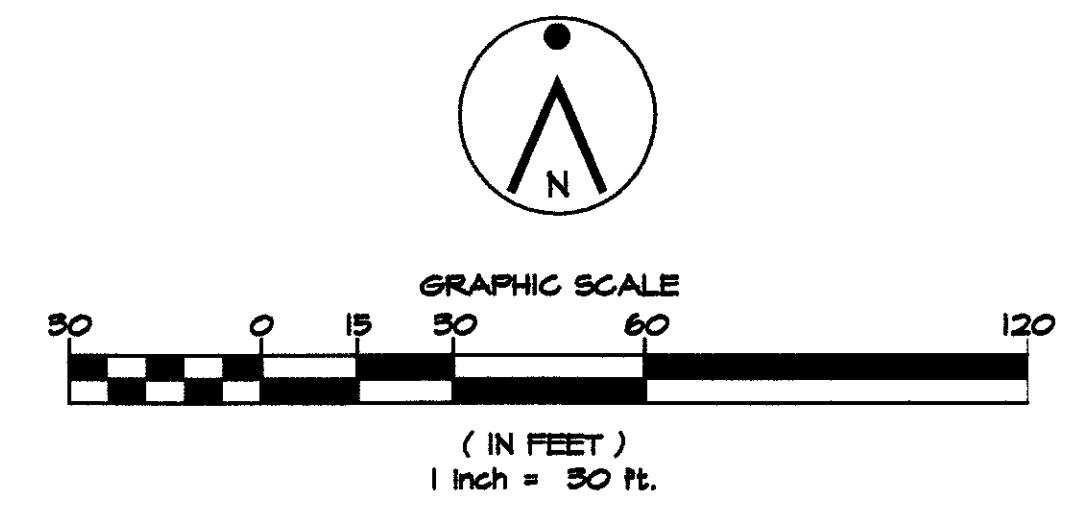
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INSPECTIONS-TEL. 371.2117

PLANT LIST- BASE BID						
KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	NOTES
Qa	13	<i>Quercus alba</i>	White Oak	3" Cal.	As Shown	16'-18'Ht.
		TIF SPORT SOD	BERMUDA SOD			
		3" PINE STRAM MULCH				

PLANT LIST- BID ALTERNATE #1						
KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	NOTES
Aa	11	<i>Amelanchier arborea</i> "Prince Williams"	Serviceberry	6'-8' Ht.	As Shown	Multi-Stem
Cc	10	<i>Cercis canadensis</i> "Forest Pansy"	Forest Pansy Red Bud	6'-8' Ht.	As Shown	Multi-Stem
Cj	19	<i>Cleyera japonica</i>	Cleyera	7 Gal.	5' o.c.	
Ck	14	<i>Cornus kousa</i>	Kousa Dogwood	6'-8' Ht.	As Shown	White Flowering
Ep	6700	<i>Evonymus fortunei</i> 'coloratus'	Purple Wintercreeper	2-1/4" Pot	12" o.c.	
IaF	4	<i>Ilex x attenuata</i> 'Foster's # 2'	Foster Holly	7 Gal.	5' o.c.	
Ib	3	<i>Ilex burfordii</i> 'hana'	Dwarf Burford Holly	3 Gal.	36" o.c.	
Jc	400	<i>Juniperus horizontalis</i> 'Blue Rug'	Blue Rug Juniper	1 Gal.	12" o.c.	
Li	10	<i>Lagerstroemia indica</i> "Natchez"	Crape Myrtle	6'-8' Ht	As Shown	Multi-Stem
LmBB	3400	<i>Liriope muscari</i> 'Big Blue'	Big Blue Liriope	2-1/4" Pot	12" o.c.	
LcR	27	<i>Loropetalum chinense</i> 'Ruby'	Ruby Fringe Flower	3 Gal.	4' o.c.	
Pj	11	<i>Pieris japonica</i>	Japanese Pieris	3 Gal.	5' o.c.	
Pi	34	<i>Prunus laurocerasus</i> "Schipkaensis"	Schip Laurel	3 Gal.	5' o.c.	
Ht	16		Variegated Horse Tail	1 Gal.	12" o.c.	
Iris	100		Bearded Iris	bulbs	12" o.c.	50% yellow / 50% purple



1 SHADE TREE PLANTING DETAIL
N.T.S.



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Landscape Architecture
391 N. Highland Avenue, NE Atlanta, Georgia 30307 • 404-689-4646

PROJECT TITLE: **CHILDREN'S ADVENTURE GARDEN AT BROOK RUN PARK**
4770 N. PEACHTREE RD. DUNWOODY, GA. 30338
PREPARED FOR: **DEKALB COUNTY PARKS AND RECREATION**
3681 Chestnut Street
Scottsdale, GA 30079

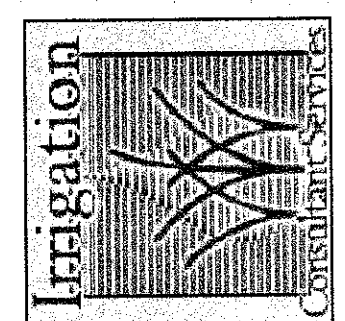
REVISIONS
NO. DATE DESCRIPTION

RELEASE STATUS
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 PERMIT RELEASE
 BID RELEASE
 CONSTRUCTION RELEASE
 RELEASE DATE

SCALE:
AS SHOWN
DATE: 05-27-04
PROJECT NUMBER: 23141
DRAWING TITLE: LANDSCAPE PLAN

L - 1.0
25 OF 36 SHEETS

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PROJECT TITLE: **CHILDREN'S ADVENTURE GARDEN AT BROOK RUN PARK**
 4770 N. PEACHTREE RD. DUNWOODY, GA. 30338
 PREPARED FOR: **DEKALB COUNTY PARKS AND RECREATION**
 3681 Chestnut Street Dunwoody, GA 30079

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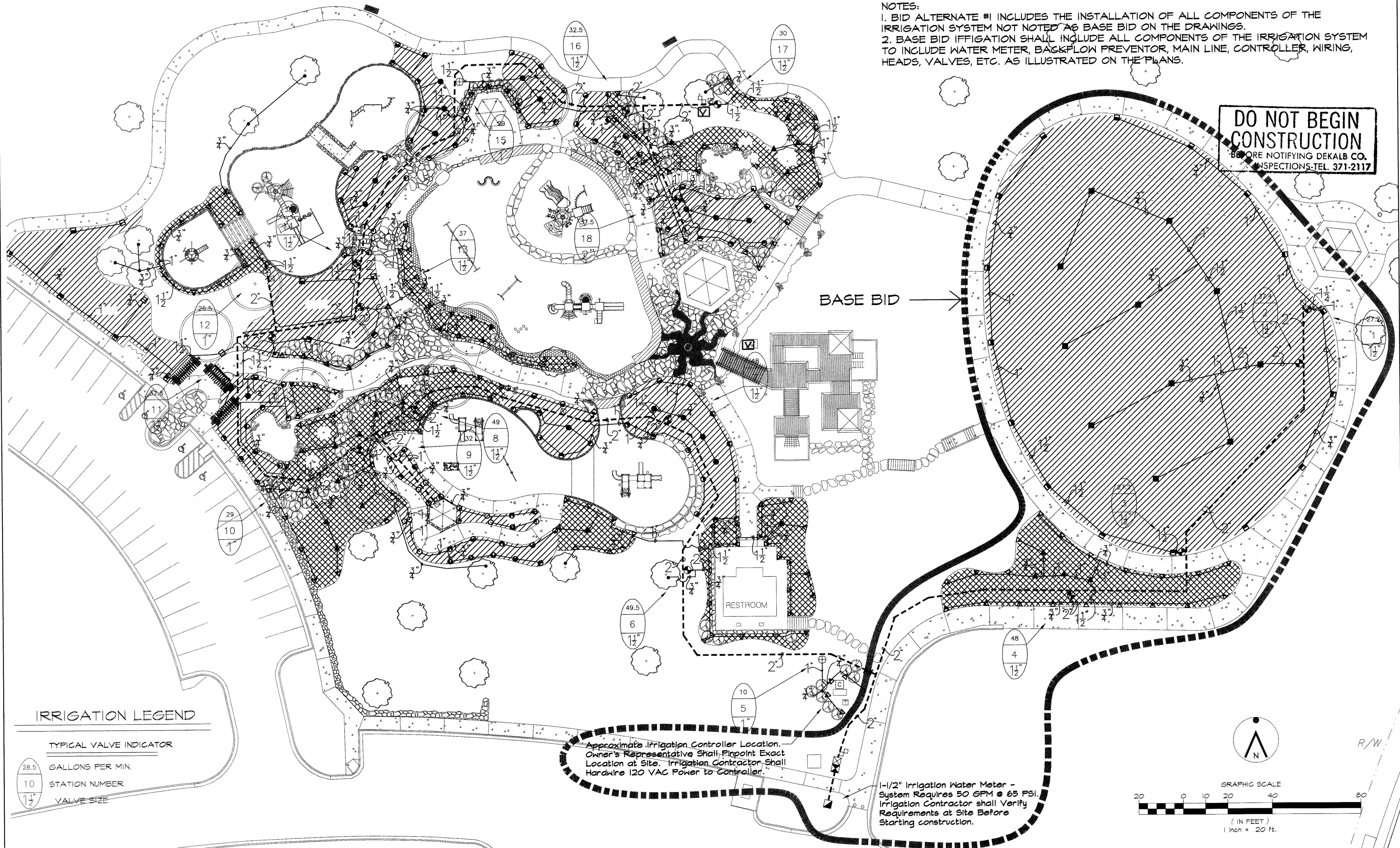
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SCALE:
AS SHOWN
 DATE: **05-27-04**
 PROJECT NUMBER: **23141**
 DRAWING TITLE: **IRRIGATION PLAN**

IR-1.0
 26 OF 36 SHEETS

NOTES:
 1. BID ALTERNATE #1 INCLUDES THE INSTALLATION OF ALL COMPONENTS OF THE IRRIGATION SYSTEM NOT NOTED AS BASE BID ON THE DRAWINGS.
 2. BASE BID IFFIGATION SHALL INCLUDE ALL COMPONENTS OF THE IRRIGATION SYSTEM TO INCLUDE WATER METER, BACKFLOW PREVENTOR, MAIN LINE, CONTROLLER, WIRING, HEADS, VALVES, ETC. AS ILLUSTRATED ON THE PLANS.

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IRRIGATION LEGEND

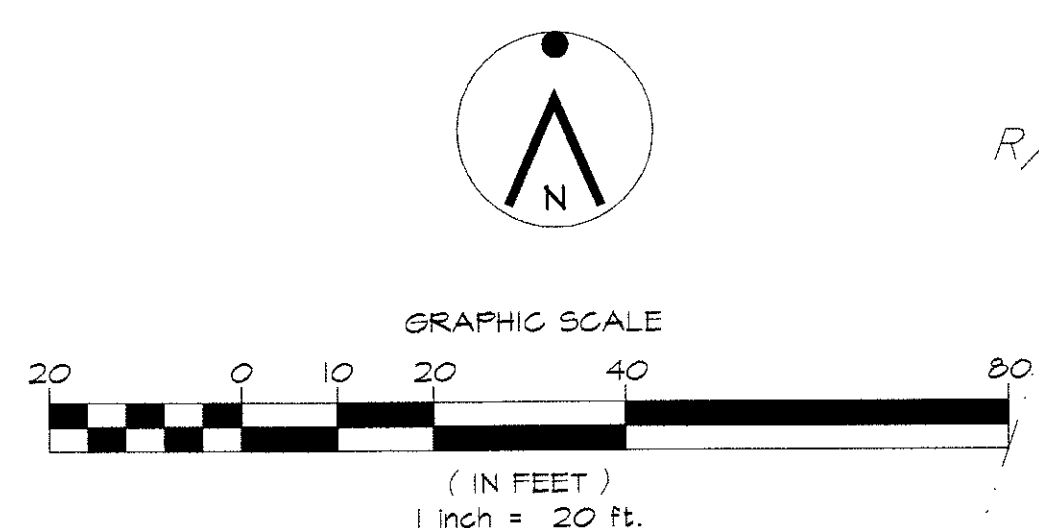
- 28.5 GALLONS PER MIN.
- 10 STATION NUMBER
- 1 1/2 VALVE SIZE
- TYPICAL VALVE INDICATOR
- MANUAL DRAIN VALVE, SCH 80 PVC BALL VALVE, DETAIL-E
- WATTS #00T-MI-QT-2, 2" DOUBLE CHECK ASSEMBLY BACKFLOW PREVENTER, DETAIL-F
- WINTERIZATION ASSEMBLY, DETAIL-N
- RAIN BIRD ESP-24-MC-SS CONTROLLER, 24 STATION, COMPUTER CONTROLLER, FOUR PROGRAMS, STAINLESS STEEL, PEDESTAL MOUNTED, DETAIL-J. IRRIGATION CONTRACTOR SHALL ALSO INSTALL A MINI-CLICK II RAIN SENSOR AND A FREEZE-CLICK DEVICE.
- RAIN BIRD 150-FEB OR 200-FEB PLASTIC ELECTRIC REMOTE CONTROL VALVE, 1 1/2" OR 2" SIZE, MOUNTED WITH SCH 80 PVC BALL VALVE, DETAIL-A.
- RAIN BIRD 100-FEB PLASTIC ELECTRIC REMOTE CONTROL VALVE, 1" SIZE, MOUNTED WITH SCH 80 PVC BALL VALVE, DETAIL-A.

- RAIN BIRD 1806-SAM, 6" HI-POP-UP LAWN SPRAY SPRINKLER, 12' RADIUS, FULL-2.0 GPM, HALF-1.0 GPM, QUARTER-0.5 GPM, 30 PSI, DETAIL-C.
- RAIN BIRD 1806-SAM, 6" HI-POP-UP LAWN SPRAY SPRINKLER, 15' RADIUS, FULL-4.0 GPM, HALF-2.0 GPM, QUARTER-1.0 GPM, 30 PSI, DETAIL-C.
- RAIN BIRD 1806-SAM, 6" LAWN POP-UP SIDE STRIP SPRAY SPRINKLER, 4' X 18' RADIUS, 1.5 GPM, 30 PSI, DETAIL-C.
- RAIN BIRD 1806-SAM, 6" LAWN END STRIP SPRAY SPRINKLER, 4' X 30' RADIUS, 1.5 GPM, 30 PSI, DETAIL-C.
- RAIN BIRD 1812-SAM, 12" HI-POP SHRUB SPRAY SPRINKLER, 15' RADIUS, FULL-4.0 GPM, HALF-2.0 GPM, QUARTER-1.0 GPM, THREE QUARTER-3.0 GPM, 30 PSI, DETAIL-D.
- RAIN BIRD 1812-SAM, 12" HI-POP SHRUB SPRAY SPRINKLER, 12' RADIUS, FULL-2.0 GPM, 30 PSI, DETAIL-D.

- RAIN BIRD 1812-SAM, 12" HI-POP SHRUB SIDE STRIP SPRAY SPRINKLER, 4' X 18' RADIUS, 1.5 GPM, 30 PSI, DETAIL-D.
- RAIN BIRD 1812-SAM, 12" HI-POP SHRUB SIDE STRIP SPRAY SPRINKLER, 4' X 30' RADIUS, 1.5 GPM, 30 PSI, DETAIL-D.
- RAIN BIRD 1812-SAM, 12" HI-POP SHRUB END STRIP SPRAY SPRINKLER, 4' X 15' RADIUS, 1.0 GPM, 30 PSI, DETAIL-D.
- RAIN BIRD 1806-SAM, 6" HI-POP FLOOD BUBBLER, 5' RADIUS, 1.0 GPM, 30 PSI, DETAIL-C.
- HUNTER I-20 ADS LAWN ROTOR, 40' RADIUS, FULL-6.8 GPM, HALF-3.4 GPM, QUARTER-1.7 GPM, 40 PSI, DETAIL-B.
- HUNTER I-20 ADS LAWN ROTOR, 30' RADIUS, FULL-3.4 GPM, HALF-1.7 GPM, QUARTER-.85 GPM, 40 PSI, DETAIL-B.
- HUNTER I-20 ADS LOW GALLONAGE LAWN ROTOR, 40' RADIUS, FULL-3.4 GPM, 40 PSI, DETAIL-B.
- RAIN BIRD #5 QUICK COUPLING VALVE 1" SIZE. CONTRACTOR TO SUPPLY TWO QCV KEYS AND MATCHING HOSE SNIVELS, DETAIL-L.
- SCH 80 PVC BALL VALVE, SIZED SAME AS MAINLINE, MOUNTED IN AMETEK VALVE BOX, DETAIL-M.

- MAINLINE PIPE: 2" SIZE IF NOT NOTED, CLASS 200 PVC.
- IRRIGATION SLEEVE: CLASS 200 PVC, REFER TO SLEEVING PLAN, DETAIL-H
- LATERAL LINE PIPE: CLASS 200 PVC, SIZE NOTED.
- 3" ELECTRICAL CONDUIT SLEEVE.

- NOTES:**
- ALL SPRINKLERS WILL BE MOUNTED ON (3) MARLEX STREET ELLS WITH A SCHED. 80 NIPPLE SIZE OF SPRINKLER INLET.
 - CONTRACTOR TO UTILIZE A AUTOMATIC DRAIN CHECK VALVE DEVICE WHERE LOW HEAD DRAINAGE MAY OCCUR.
 - ALL WIRE WILL BE COLOR CODED DIRECT BURIAL UL/UF WIRE: COMMON (WHITE) #12-1, CONTROL (RED) #14-1.
 - ALL PIPING AND WIRING UNDER HARDTOPS WILL BE IN CLASS 200 PVC PIPE SLEEVE.



Approximate Irrigation Controller Location. Owner's Representative Shall Pinpoint Exact Location at Site. Irrigation Contractor Shall Hardwire 120 VAC Power to Controller.

1-1/2" Irrigation Water Meter - System Requires 50 GPM @ 65 PSI. Irrigation Contractor shall Verify Requirements at Site Before Starting construction.

PEELER ROAD

R/W

R/W

DI #25641
TOP: 1032

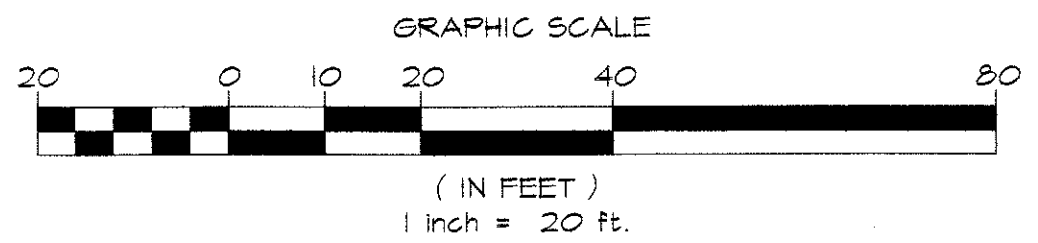
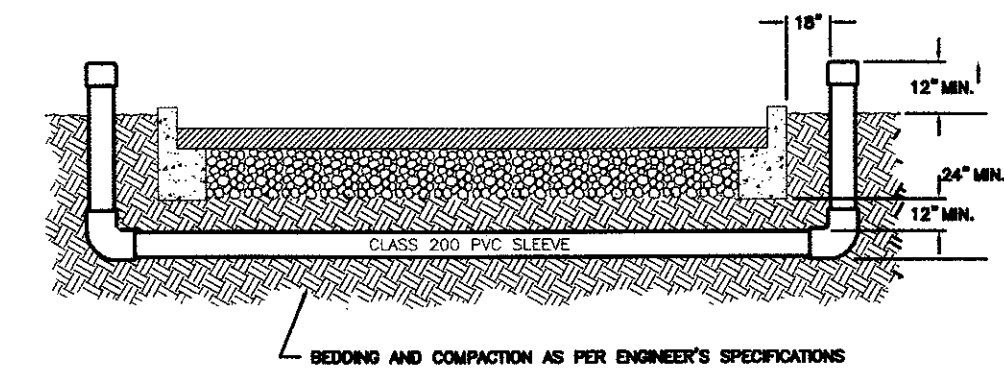
N. PEACHTREE RD.
R/W

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INSPECTIONS TEL. 371.2117

SLEEVING LEGEND

- Ⓐ 8" CLASS 200 PVC IRRIGATION SLEEVE
- Ⓑ 6" CLASS 200 PVC IRRIGATION SLEEVE
- Ⓒ 4" CLASS 200 PVC IRRIGATION SLEEVE
- Ⓓ 3" CLASS 200 PVC IRRIGATION SLEEVE

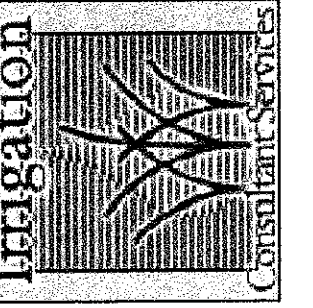
NOTE: INSTALLER OF SLEEVES SHALL BE RESPONSIBLE TO LOCATE SLEEVES IF NOT PROPERLY INSTALLED.



MEMORIAL
FFE 1028.69'

FLAG
&
MONUMENTS

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591 N. Highland Avenue, NE Atlanta, Georgia 30307 404-888-4454

PROJECT TITLE **CHILDREN'S ADVENTURE GARDEN
AT BROOK RUN PARK
4770 N. PEACHTREE RD.
DUNWOODY, GA. 30338**
PREPARED FOR **DEKALB COUNTY PARKS AND RECREATION
3681 Chestnut Street
Scottdale, GA 30079**

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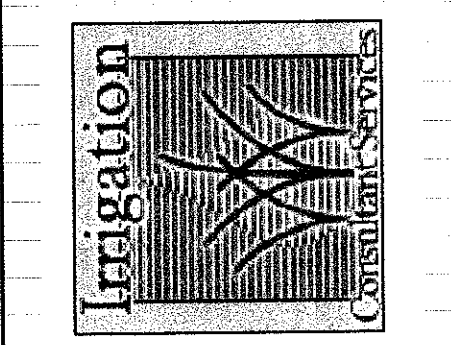
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**IRRIGATION
SLEEVING PLAN**

IR-1.1
27 OF 36 SHEETS

CONTRACTOR TO COMPLY WITH ALL LOCAL CODES AND ORDINANCES IN REFERENCE TO THE INSTALLATION OF PVC PIPING AND LOW VOLTAGE WIRING.



ALTAMIRA
DESIGN AND COMMON SENSE, INC.
Landscape Architecture • Urban Design
591 N. Highland Avenue, NE Atlanta, Georgia 30307 404-888-4454

PROJECT TITLE **CHILDREN'S ADVENTURE GARDEN AT BROOK RUN PARK**
4770 N PEACHTREE RD
DUNWOODY, GA. 30338
PREPARED FOR **DEKALB COUNTY PARKS AND RECREATION**
3681 Chestnut Street
Scottsdale, GA 30079

NO.	DATE	DESCRIPTION

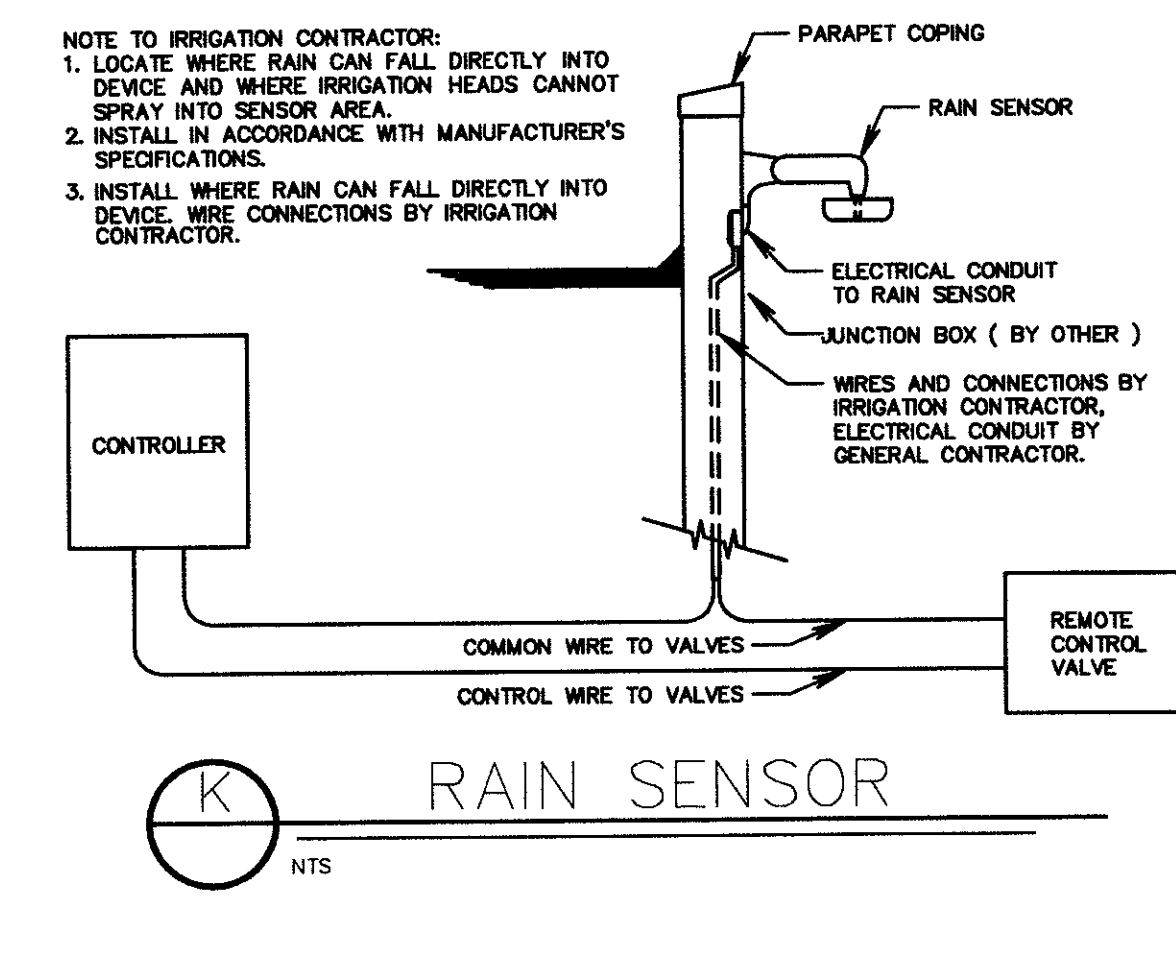
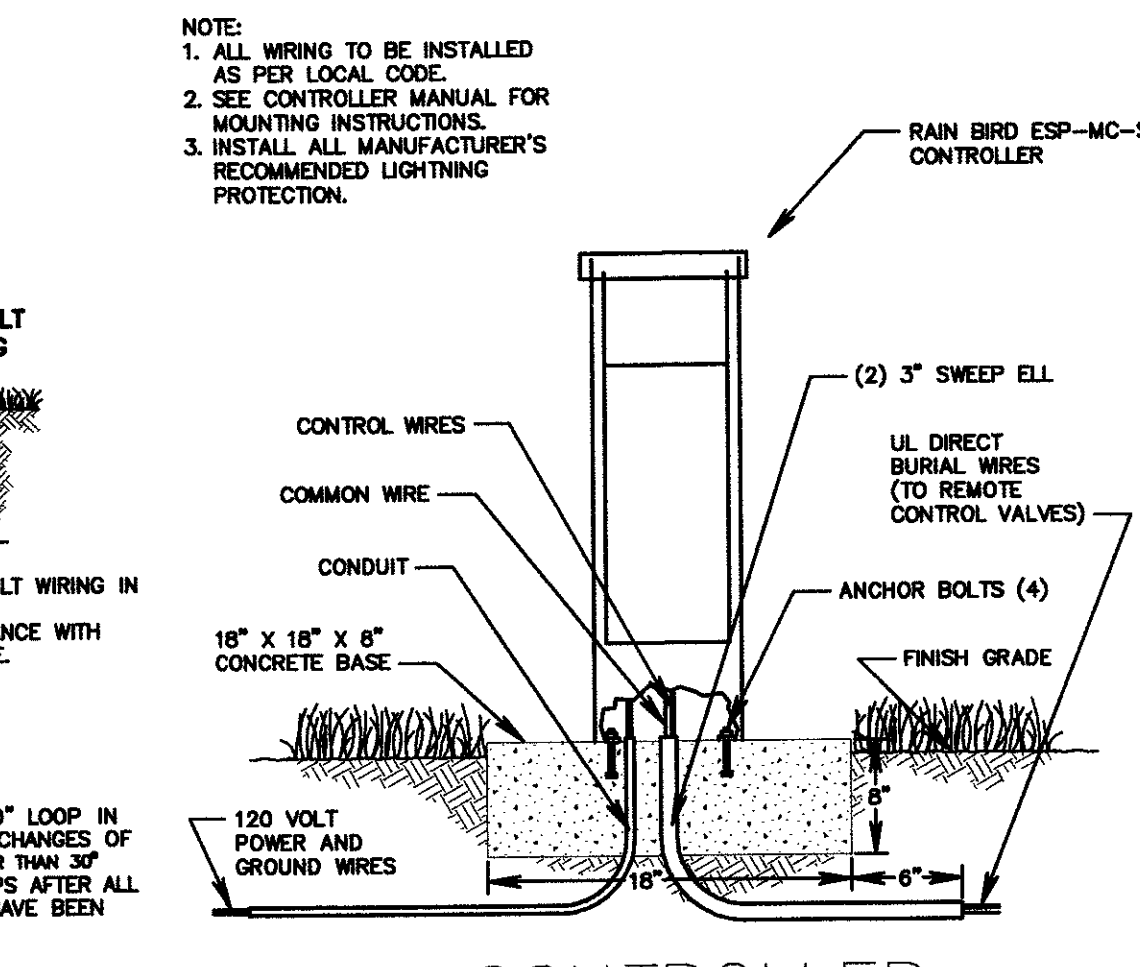
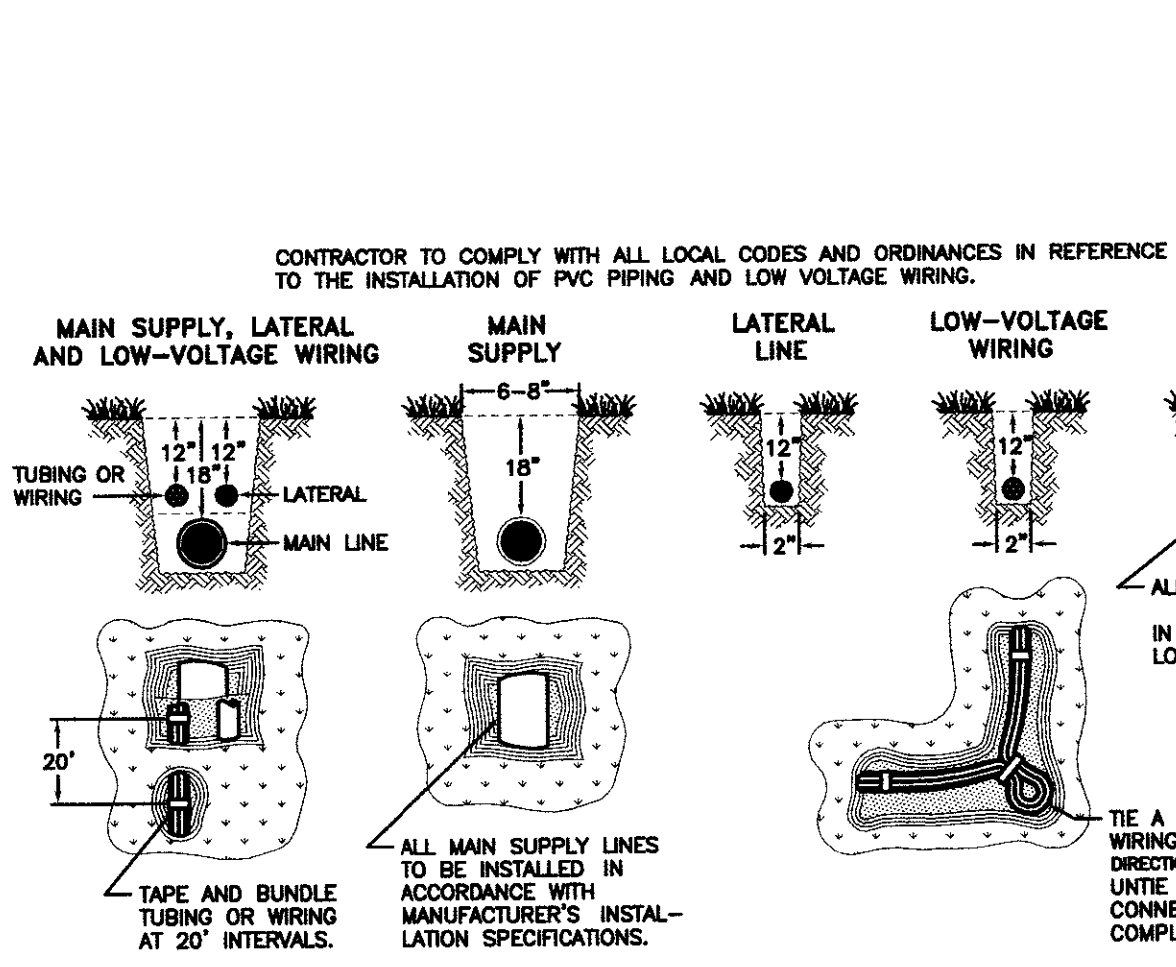
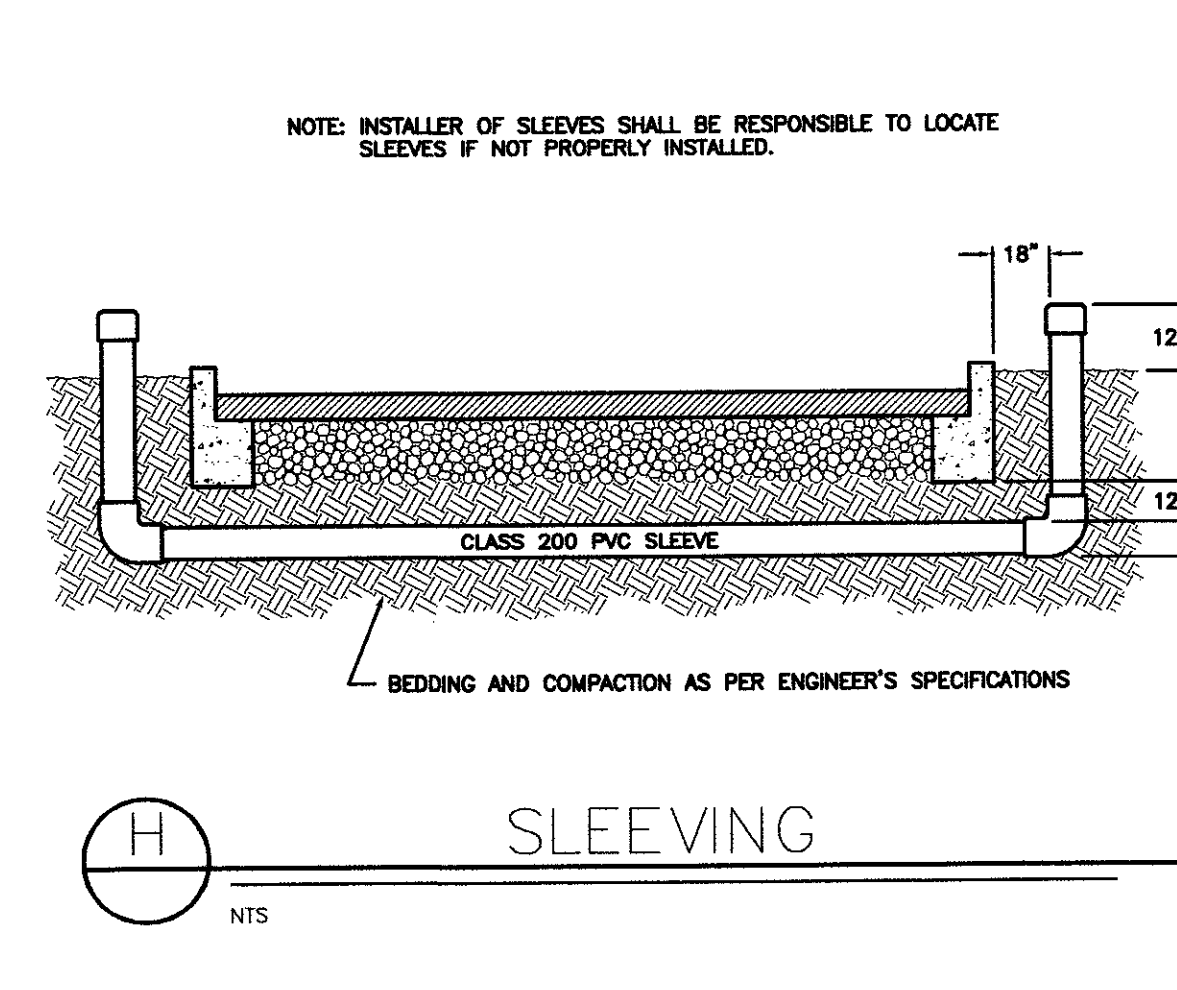
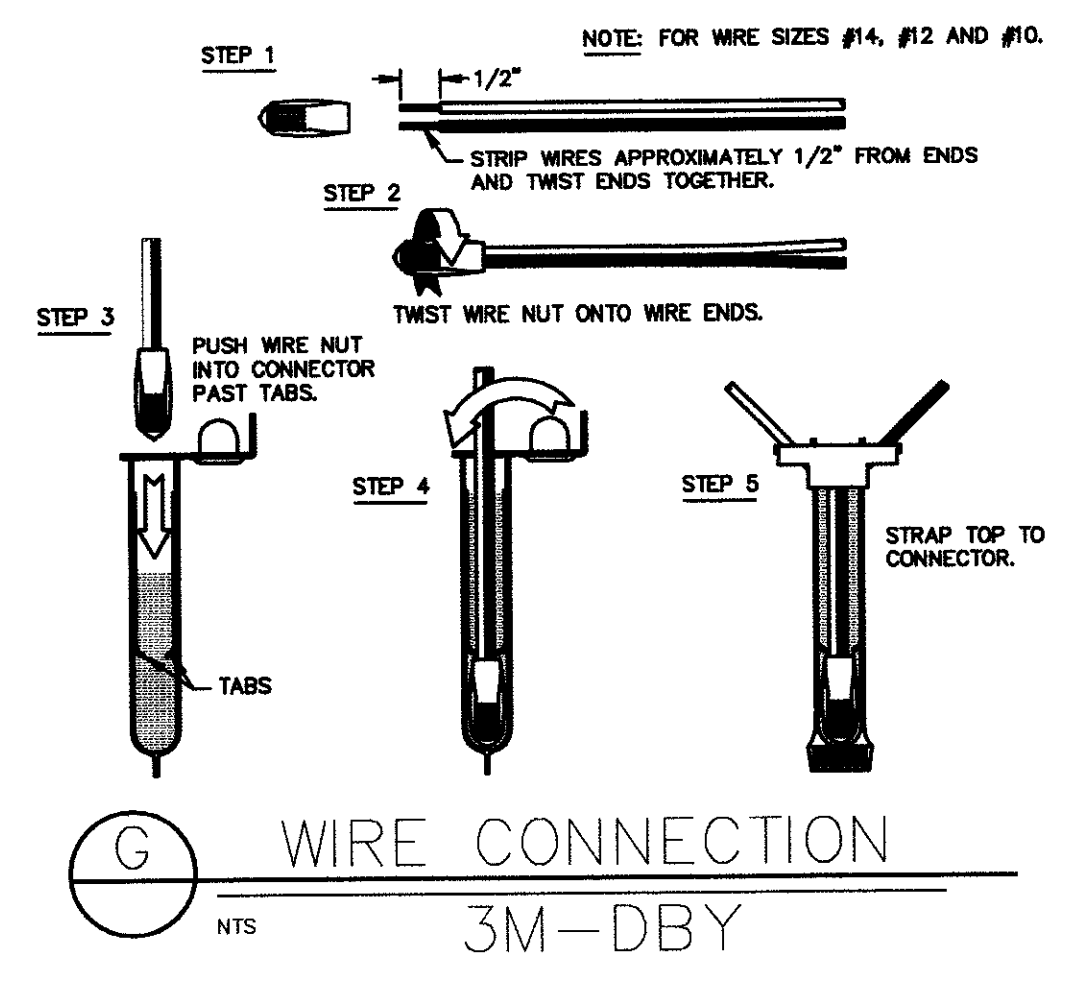
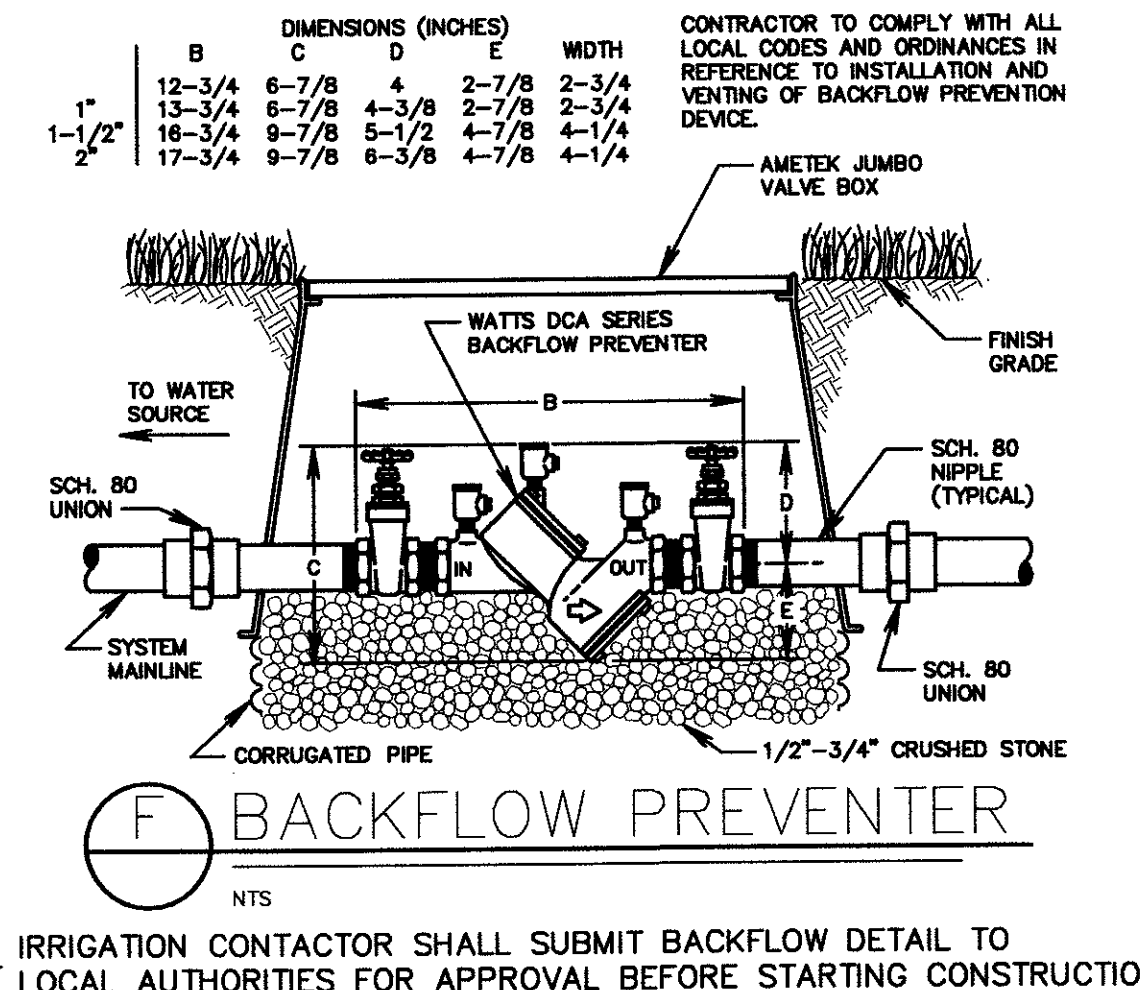
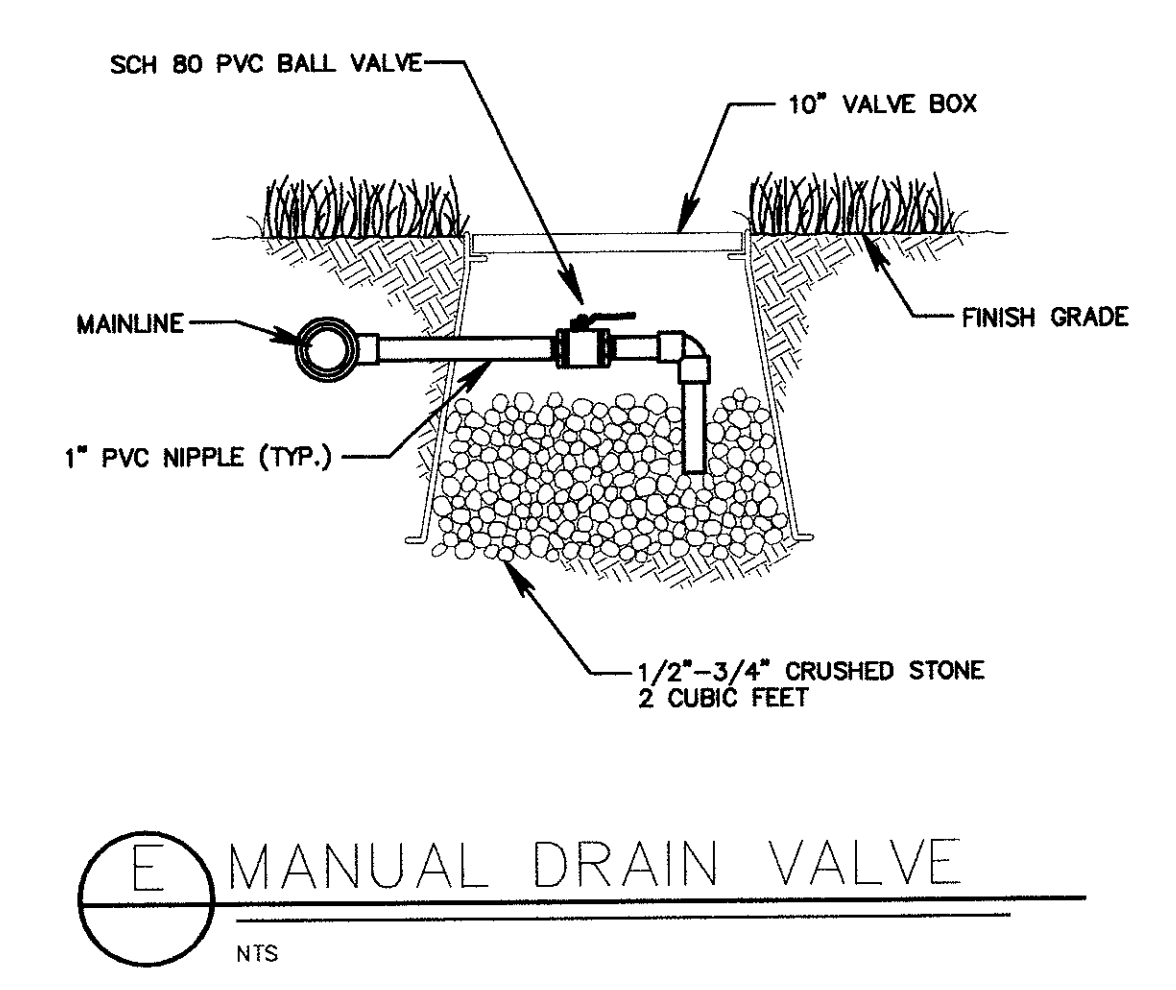
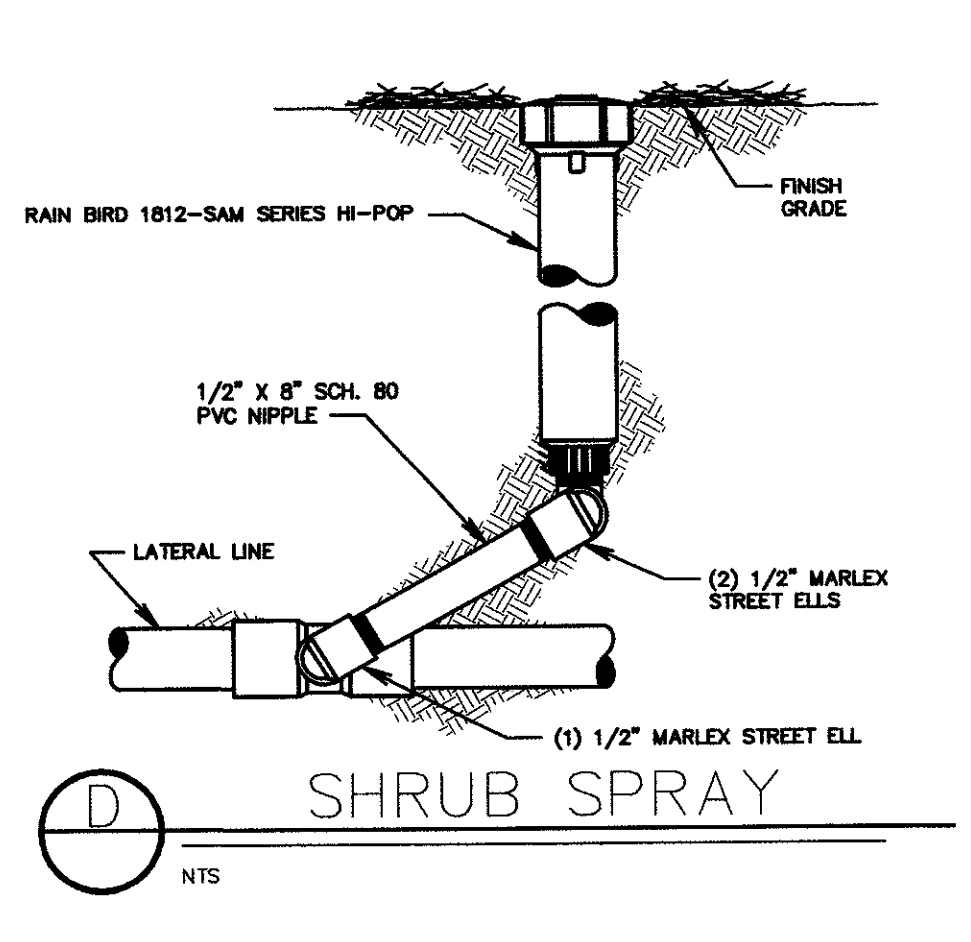
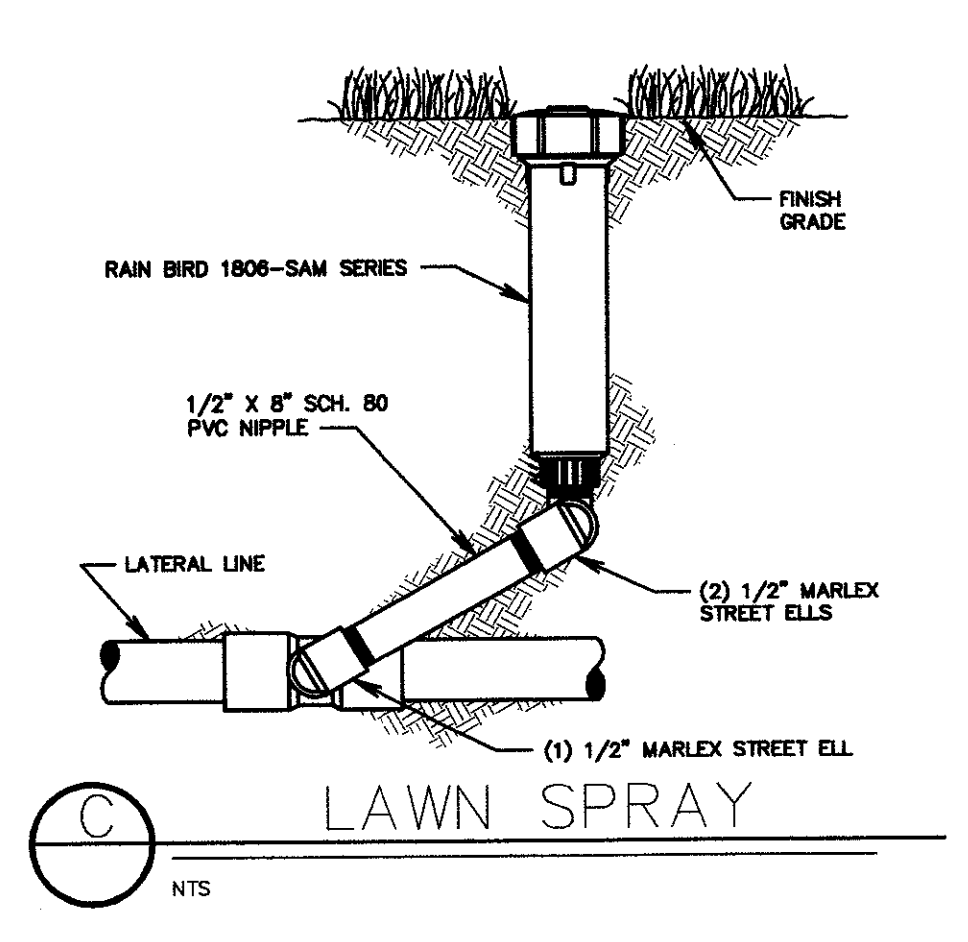
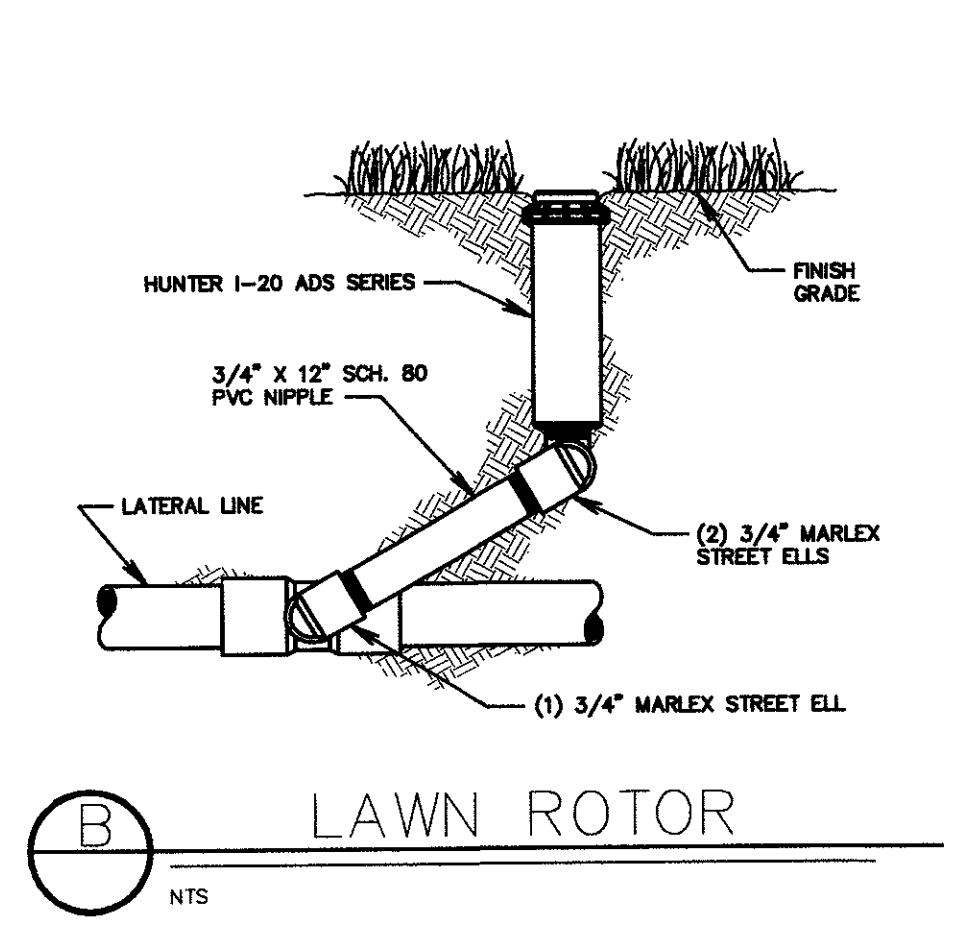
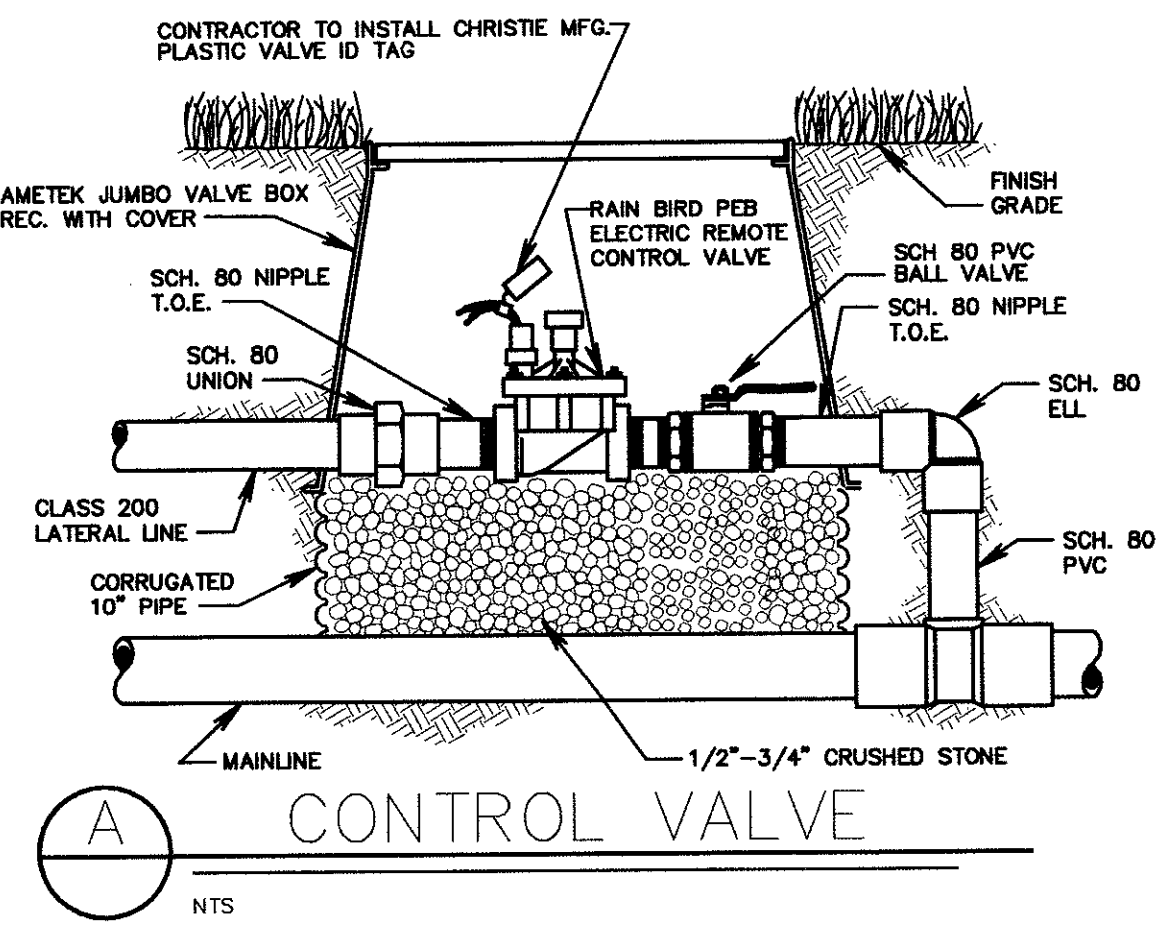
RELEASE STATUS
 PROGRESS PRINT
 PERMIT RELEASE
 BID RELEASE
 CONSTRUCTION RELEASE

SCALE:
AS SHOWN
 DATE:
05-27-04
 PROJECT NUMBER
20141
 DRAWING TITLE

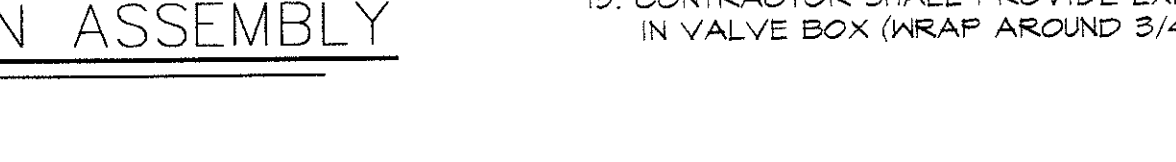
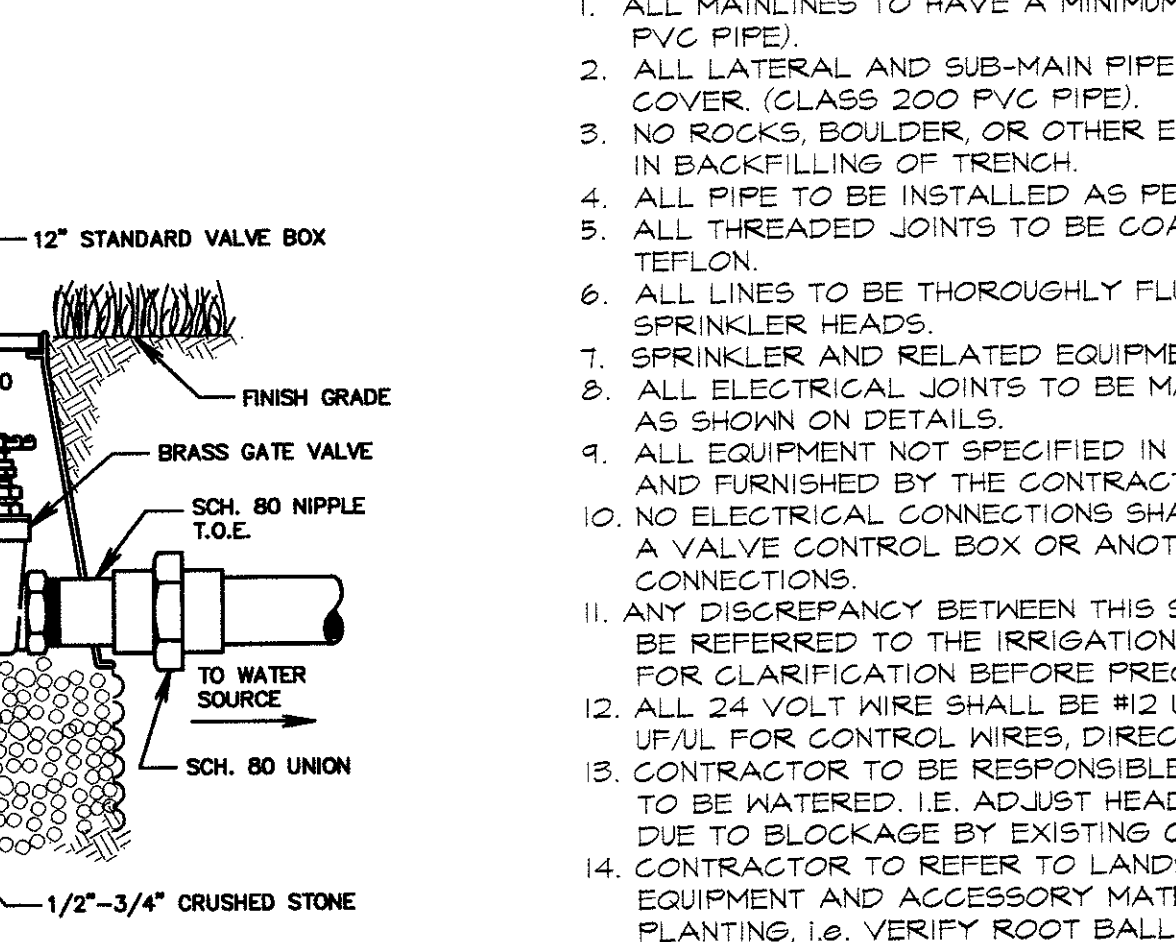
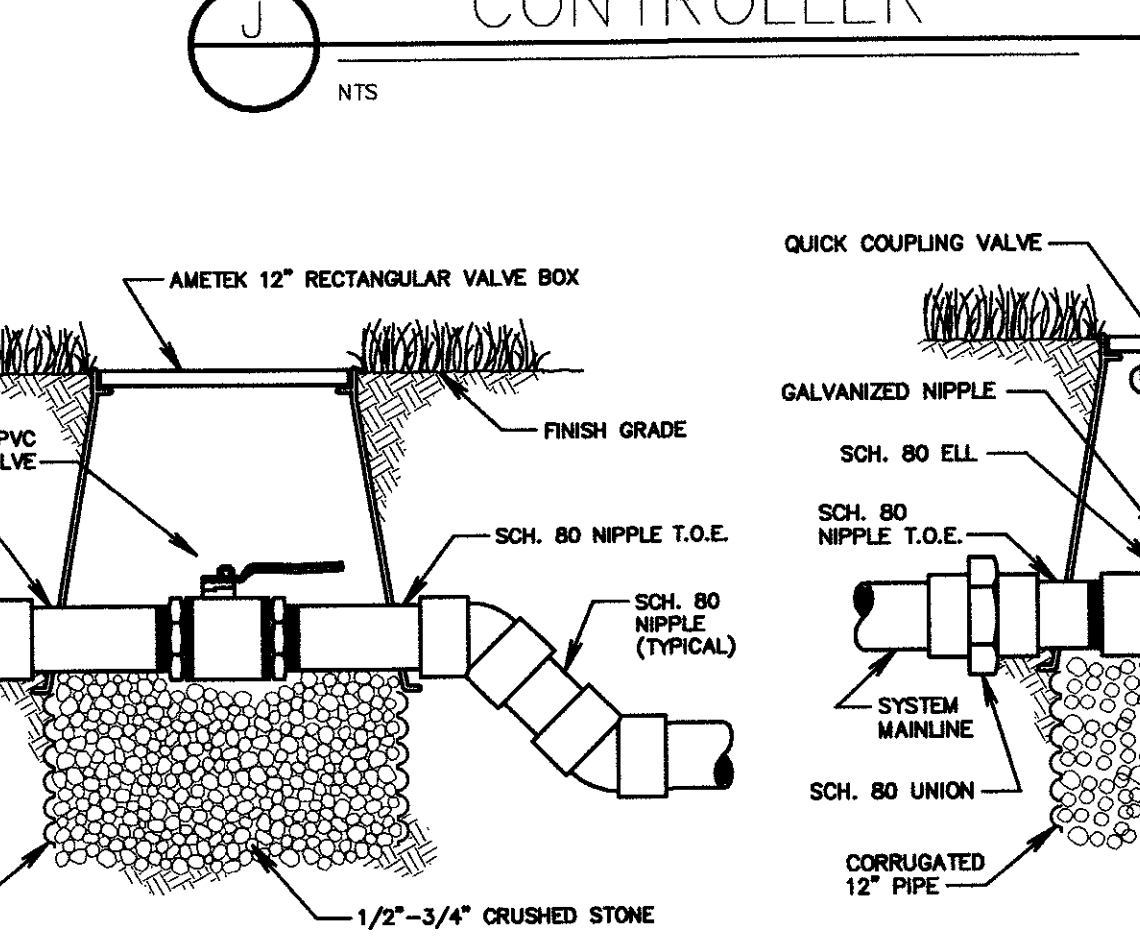
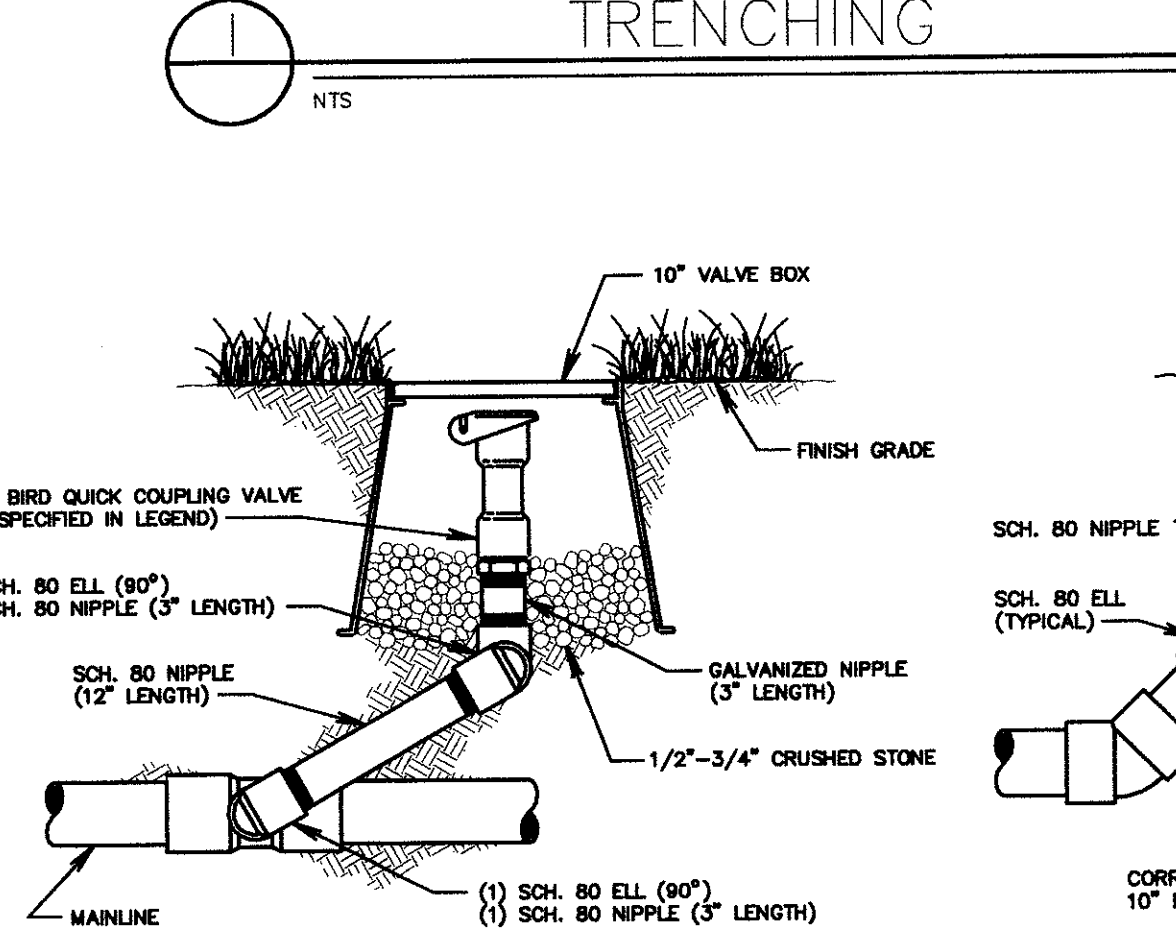
IRRIGATION DETAILS

IR-1.2
 28 OF 36 SHEETS

DO NOT BEGIN CONSTRUCTION BEFORE NOTIFYING DEKALB CO. INSPECTIONS-TEL. 371-2117



GENERAL NOTES



- ALL MAINLINES TO HAVE A MINIMUM OF 18" OF COVER. (CLASS 200 PVC PIPE).
- ALL LATERAL AND SUB-MAIN PIPE TO HAVE A MINIMUM OF 12" OF COVER. (CLASS 200 PVC PIPE).
- NO ROCKS, BOULDER, OR OTHER EXTRANEIOUS MATERIALS TO BE USED IN BACKFILLING OF TRENCH.
- ALL PIPE TO BE INSTALLED AS PER MANUFACTURERS' SPECIFICATIONS.
- ALL THREADED JOINTS TO BE COATED WITH TEFLON TAPE OR LIQUID TEFLON.
- ALL LINES TO BE THOROUGHLY FLUSHED BEFORE INSTALLATION OF SPRINKLER HEADS.
- SPRINKLER AND RELATED EQUIPMENT TO BE INSTALLED AS PER DETAILS.
- ALL ELECTRICAL JOINTS TO BE MADE USING WATERPROOF CONNECTIONS AS SHOWN ON DETAILS.
- ALL EQUIPMENT NOT SPECIFIED IN THE LEGEND SHALL BE DETERMINED AND FURNISHED BY THE CONTRACTOR.
- NO ELECTRICAL CONNECTIONS SHALL BE MADE IN THE FIELD EXCEPT AT A VALVE CONTROL BOX OR ANOTHER VALVE BOX SPECIFICALLY FOR CONNECTIONS.
- ANY DISCREPANCY BETWEEN THIS SHEET AND OTHERS IN THIS SET MUST BE REFERRED TO THE IRRIGATION CONSULTANT BY THE CONTRACTOR FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- ALL 24 VOLT WIRE SHALL BE #12 UF/UL FOR COMMON WIRE, AND #14 UF/UL FOR CONTROL WIRES, DIRECT BURIAL, SOLID COPPER.
- CONTRACTOR TO BE RESPONSIBLE FOR PROPER COVERAGE OF AREAS TO BE WATERED, I.E. ADJUST HEADS WITH INSUFFICIENT COVERAGE DUE TO BLOCKAGE BY EXISTING OR PROPOSED SITE FEATURES.
- CONTRACTOR TO REFER TO LANDSCAPE PLAN TO KEEP SPRINKLER EQUIPMENT AND ACCESSORY MATERIAL FROM INTERFERING WITH PROPER PLANTING, I.E. VERIFY ROOT BALL SIZE FOR PLANTING.
- CONTRACTOR SHALL PROVIDE EXPANSION COILS AT EACH WIRE CONNECTION IN VALVE BOX (WRAP AROUND 3/4" PIPE 12 TIMES).
- CONTRACTOR TO UTILIZE APPROPRIATE AUTOMATIC DRAIN DEVICE WHERE LOW HEAD DRAINAGE MAY OCCUR.
- ALL SPRINKLERS TO BE MOUNTED ON SWING JOINTS - REFER TO DETAILS.
- CONTRACTOR SHALL BRAND VALVE BOX I.D. ON ALL COVERS.
- 24 VOLT WIRE SHALL BE COLOR CODED; COMMON-WHITE, CONTROL-RED.
- CONTRACTOR SHALL INSTALL MANUFACTURERS' RECOMMENDED GROUNDING EQUIPMENT FOR POWER SUPPLY AND VALVE OUTPUT WITH (2) 5/8" COPPER CLAD GROUND RODS.
- CONTRACTOR SHALL INSTALL MANUFACTURERS' RECOMMENDATION ON FAULT GROUND AND LIGHTNING PROTECTION.
- ALL MATERIAL TO BE SUPPLIED BY CONTRACTOR TO OWNER:
 - TWO WRENCHES FOR DISASSEMBLING AND ADJUSTING EACH TYPE OF SPRINKLER HEADS AND VALVE SUPPLIED.
 - TWO KEYS FOR EACH OF THE AUTOMATIC CONTROLLERS.
 - TWO QUICK COUPLER KEYS WITH MATCHING HOSE SNIVELS.
- SYSTEM IS DIAGRAMMATIC TO IMPROVE CLARITY. ALL MAINLINE PIPING, ELECTRIC VALVES AND WIRING ARE TO BE INSTALLED IN LANDSCAPE AREAS AND WITHIN PROPERTY BOUNDARIES. CONTRACTOR SHALL REFERENCE THE LANDSCAPE PLAN PRIOR TO THE INSTALLATION OF PIPING TO AVOID CONTACT WITH PLANT MATERIALS EXISTING OR NEW.
- CONTRACTOR TO ADD EXTENSION RISER TO POP-UP HEADS WHEN NEEDED FOR PROPER COVERAGE.
- CONTRACTOR SHALL INSTALL SPRINKLER EQUIPMENT 12" FROM FOUNDATIONS. ALSO INSTALL SPRINKLERS 4" FROM CURBS OR WALKS.
- PRIOR TO BID IRRIGATION CONTRACTOR SHALL VERIFY RIGHT-OF-WAY AND BACKFLOW REQUIREMENTS. NO LATER THAN FIVE DAYS BEFORE BID SUBMITTALS CONTRACTOR SHALL NOTIFY CONSULTANT OF ANY CHANGES FROM PLANS AND SPECIFICATIONS.

LEGEND

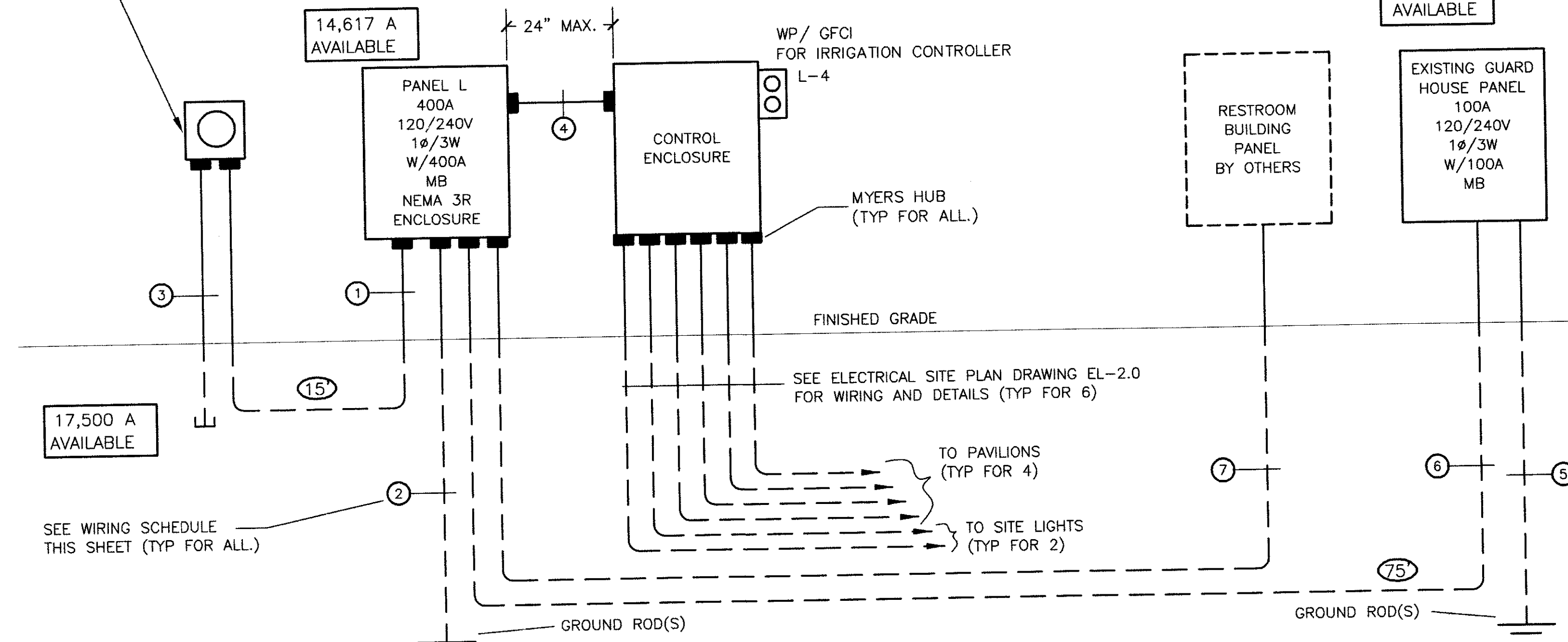
- CONCEALED CONDUIT. SEE NOTE BELOW
- UNDERGROUND OR UNDERFLOOR CONDUIT. SEE NOTE BELOW.
- EXPOSED CONDUIT. SEE NOTE BELOW
- PANELBOARD.
- TRANSFORMER.
- 38,781 A AVAILABLE
- 30' LENGTH OF FEEDER IN FEET.

NOTE: HASH MARKS INDICATE NUMBER OF #12 CU. HOT CONDUCTORS, #12 CU. NEUTRAL CONDUCTOR, RESPECTIVELY. GROUND CONDUCTOR NOT SHOWN. NO HASH MARKS INDICATE 3#12 CU. CONDUCTORS (A HOT, NEUTRAL AND GROUND), UNLESS OTHERWISE NOTED. 1/2" CONDUIT MINIMUM.

WIRING SCHEDULE

- ① 3-500KCMIL + 1#3G IN 3" C.
 - ② 1#1/0 IN 1" PVC C.
 - ③ 3" EMPTY C.
 - ④ 32#10 + 1#10G IN 1 1/2" C.
 - ⑤ 1#8 IN 3/4" PVC C.
 - ⑥ 3#3 + 1#8G IN 1 1/4" C.
 - ⑦ 3#1/0 + 1#4G IN 1 1/2" C.
- ALL CONDUCTORS ARE TO BE COPPER

METER & METER SOCKET BY LOCAL UTILITY COMPANY AND INSTALLED BY CONTRACTOR.



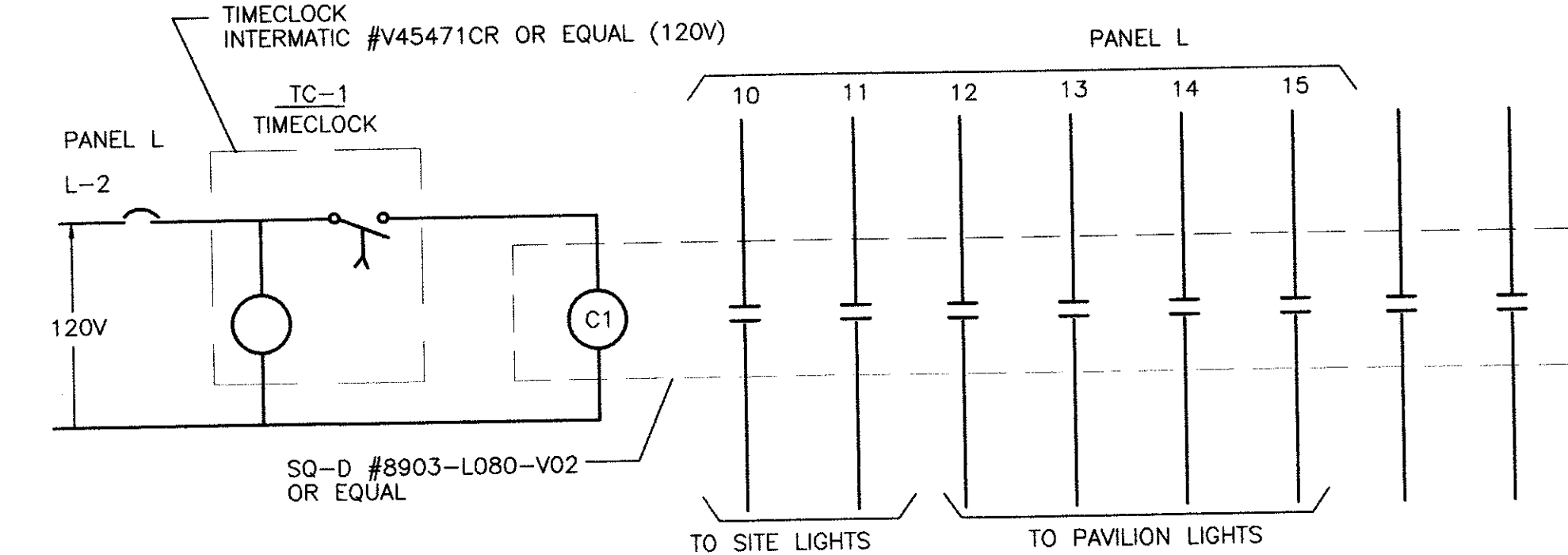
PANEL L IS FULLY RATED 22KAIC
EXISTING GAURD HOUSE PANEL IS FULLY RATED 10KAIC

POWER RISER DIAGRAM

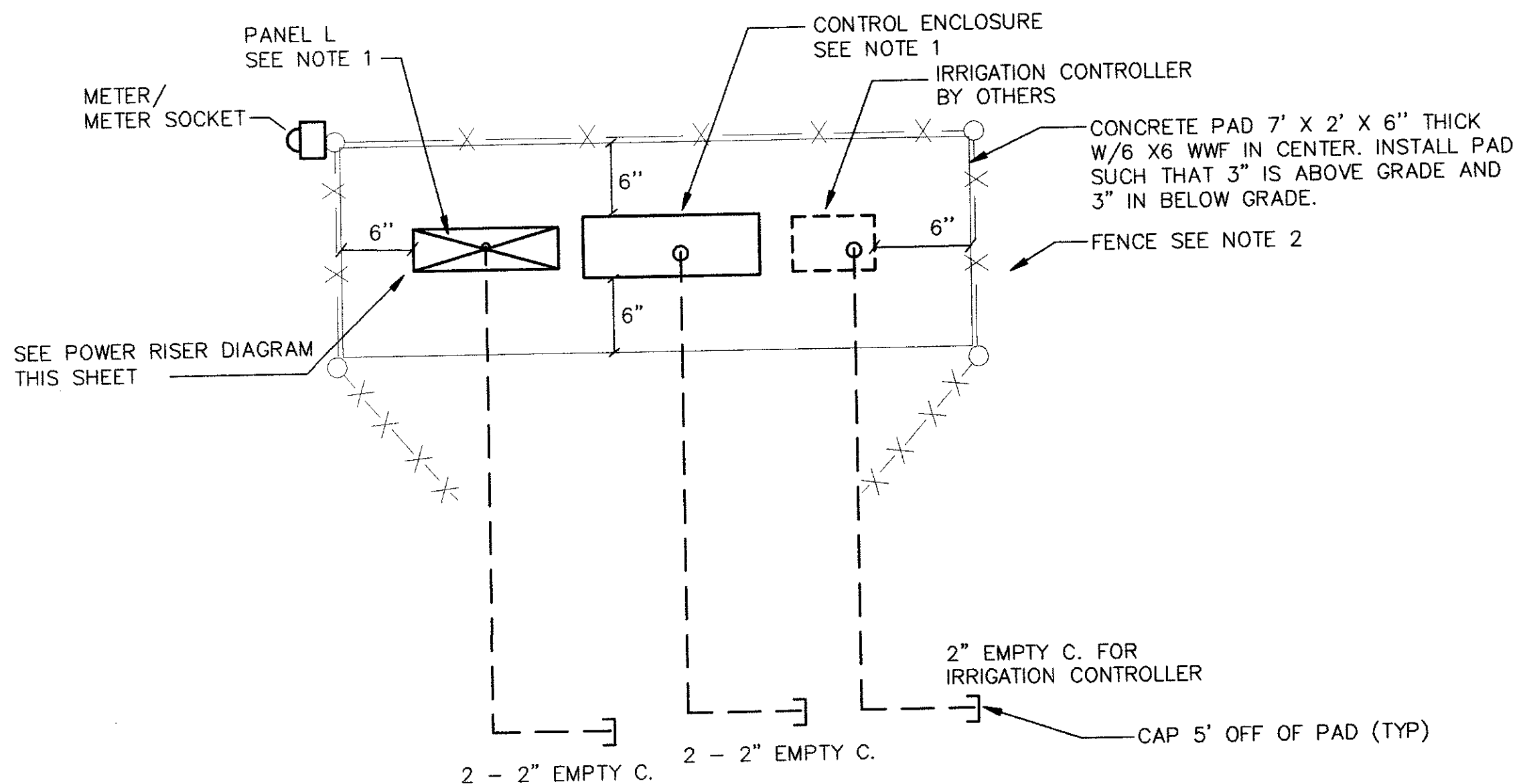
DO NOT BEGIN CONSTRUCTION
BEFORE NOTIFYING DEKALB CO. INSPECTIONS-TEL. 371-2117

PANEL L - NEMA 3R ENCLOSURE						
MAIN		VOLTAGE		PHASE/WIRE		FEEDER
400A MB		120/240V		1φ 3W		SEE WIRING SCHEDULE
CKT. NO.	NO. OF POLES	BKR. SETTING	CONNECTED LOAD		CIRCUIT DESIGNATION	
			∅A	∅B		
* 1,3	2	30	1.44	1.44	UPPER POND	
2	1	20	0.10		CONTROLS	
4	1	20		0.18	IRRIGATION	
* 5,7	2	30	1.44	1.44	FOUNTAIN IN PLAZA	
* 6,8	2	30	1.44	1.44	LOWER POND	
9	1	20			SPARE	
10	1	20	0.18		SITE LIGHTS	
11	1	20		0.36	SITE LIGHTS	
12	1	20		0.12	PAVILION LIGHTS	
13	1	20	0.12		PAVILION LIGHTS	
14	1	20	0.12		PAVILION LIGHTS	
15	1	20		0.12	PAVILION LIGHTS	
16	1	20		1.00	PAVILION OUTLETS	
17	1	20	1.00		PAVILION OUTLETS	
18	1	20	1.00		PAVILION OUTLETS	
19	1	20		1.00	PAVILION OUTLETS	
20,22	2	125	12.00	12.00	RESTROOM BUILDING	
21,23	2	80	6.00	6.00	GUARD HOUSE	
24-30			24.84	25.10	SPACE	

* GFCI CIRCUIT BREAKER



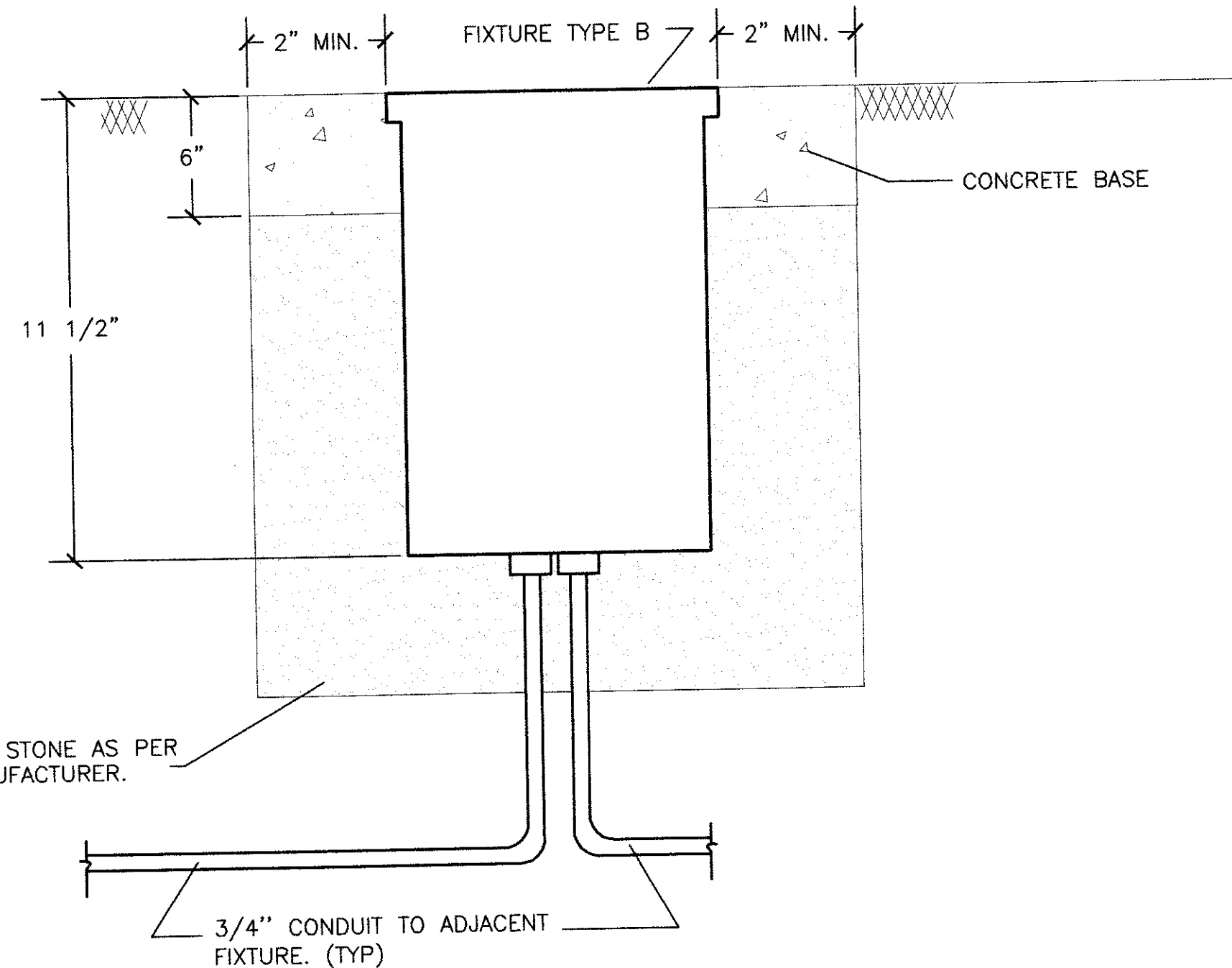
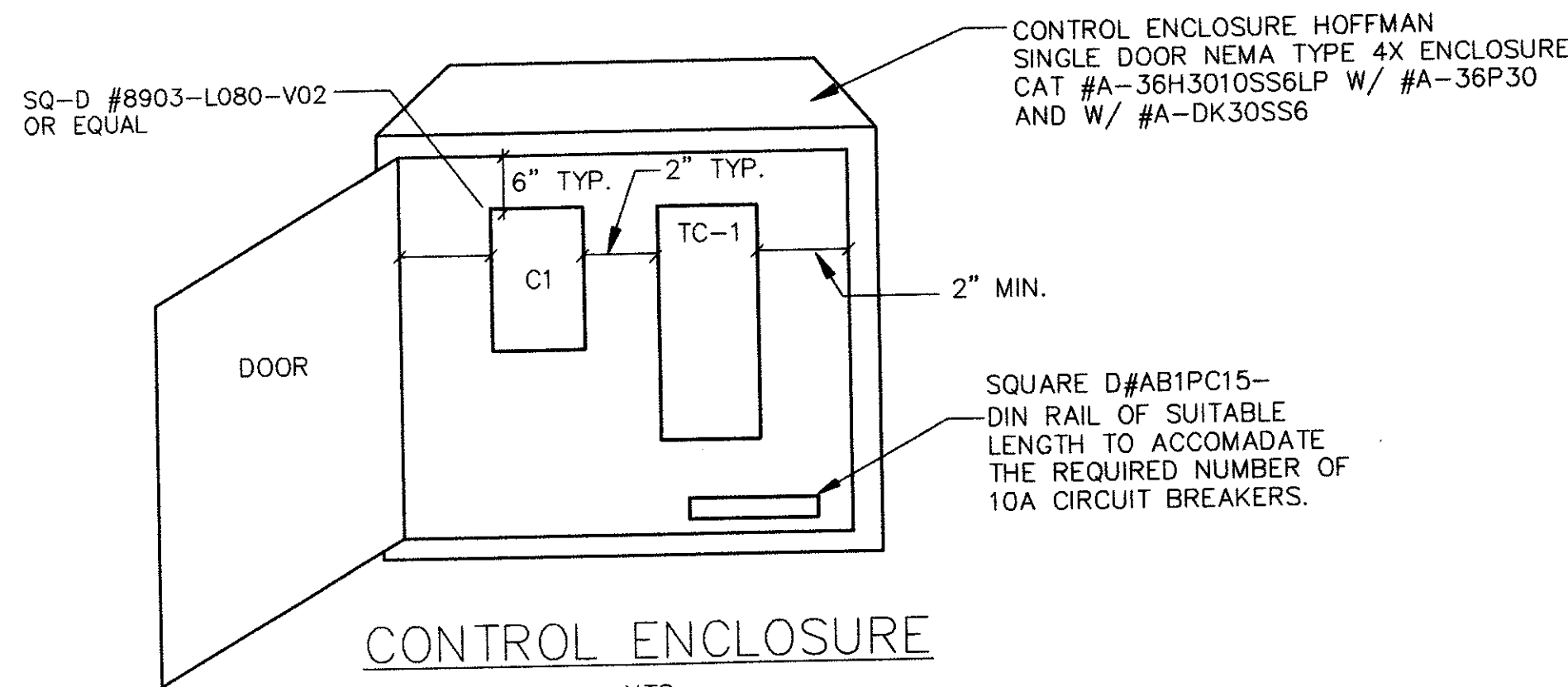
TC-1 CONTROL DIAGRAM



ELECTRICAL ENCLOSURE DETAIL

NOTES

- CONTRACTOR SHALL PROVIDE AND INSTALL FIELD FABRICATED SUPPORTS FOR PANELS AND CABINET. SUPPORTS SHALL BE 3" X 3" X 1/4" THICK ANGLE IRON FRAMES, MIN. OF 2 DOWN LEGS PER PANEL & CABINET AND MINIMUM OF 2 CROSS BRACES PER PANEL AND CABINET. PROVIDE ADDITIONAL LEGS AND CROSS BRACES IF REQUIRED TO STABILIZE THE PANEL OR CABINET. HOT DIP GALVANIZE COMPLETED FRAMES PRIOR TO INSTALLATION.
- CONTRACTOR SHALL PROVIDE AND INSTALL CHAIN LINK FENCE AROUND THE NEW SERVICE AND CONTROL EQUIPMENT AS SHOWN. FENCE TO BE A MINIMUM OF 7' x 2' x 8' HIGH WITH 2 - 3 1/2" WIDE GATES. FENCE TO BE 9 GAUGE WITH 2" MESH, HOT DIPPED GALVANIZED STEEL (ASTM 392-55T) 1.2 OZ/SF OF BARE WIRE SURFACE AND BLACK VINYL COATED. FRAME WORK TO BE STANDARD ROUND PIPE FRAME, HOT-DIPPED GALVANIZED (ASTM B64) 1.8 OZ/ST, PAINTED WITH 2 COATS OF BLACK PAINT TO MATCH THE BLACK FABRIC. MOUNT ALL POST IN A 12" DIA. x 18" DEEP CONCRETE FOUNDATION. PROVIDE ALL REQUIRED HARDWARE, ETC. TO MAKE A COMPLETE INSTALLATION. PROVIDE AND INSTALL CHAIN LINK FABRIC ON TOP OF FENCE TO FORM A COMPLETE ENCLOSURE.



SITE LIGHT INSTALLATION DETAIL

ALTAMIRA DESIGN AND COMMON SENSE, INC.
Landscape Architecture • Urban Design
393 N. Highland Avenue, NE Atlanta, Georgia 30307 404-888-4454

PROJECT TITLE: CHILDREN'S ADVENTURE GARDEN AT BROOK RUN PARK
4770 N. PEACHTREE RD. DUNWOODY, GA. 30338
PREPARED FOR: DEKALB COUNTY PARKS AND RECREATION
3681 Chestnut Street Scottdale, GA 30079

REVISIONS		
NO.	DATE	DESCRIPTION

RELEASE STATUS:
 PROGRESS PRINT
 PERMIT RELEASE
 BID RELEASE
 CONSTRUCTION RELEASE
 RELEASE DATE: _____
 SCALE: AS SHOWN
 DATE: 05-27-04
 PROJECT NUMBER: 28141
 DRAWING TITLE: LEGEND, POWER RISERS, AND DETAILS
EL-1.0
 29 OF 36 SHEETS

W&A PROJECT NUMBER - 04023
WOMACK & ASSOCIATES
 CONSULTING ENGINEERS
 4200 Perimeter Park South, Suite 225
 Atlanta, Georgia 30341
 Voice 770-458-3005 Fax 770-458-8388
 PLOT SCALE: 1 = 1



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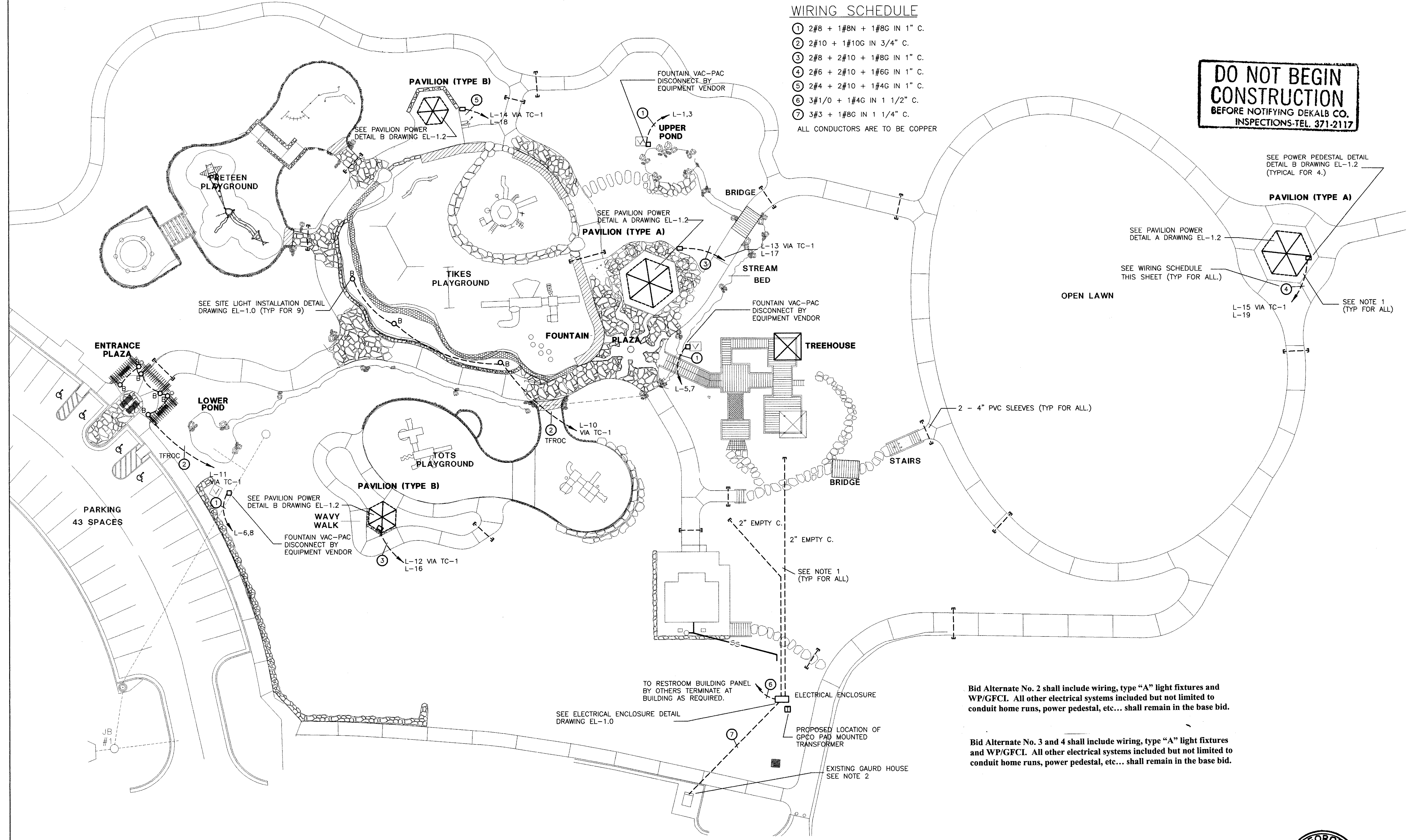
PROJECT TITLE: CHILDREN'S ADVENTURE GARDEN AT BROOK RUN PARK
4770 N. PEACHTREE RD. DUNWOODY, GA. 30338
PREPARED FOR: DEKALB COUNTY PARKS AND RECREATION
3681 Chestnut Street
Scottdale, GA 30079

REVISIONS		
NO.	DATE	DESCRIPTION

RELEASE STATUS
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 BID RELEASE
 CONSTRUCTION RELEASE
 RELEASE DATE
 SCALE: AS SHOWN
 DATE: 05-27-04
 PROJECT NUMBER: 23141
 DRAWING TITLE: SITE ELECTRICAL
EL-1.1
 30 OF 36 SHEETS

WIRING SCHEDULE

- ① 2#8 + 1#8N + 1#8G IN 1" C.
 - ② 2#10 + 1#10G IN 3/4" C.
 - ③ 2#8 + 2#10 + 1#8G IN 1" C.
 - ④ 2#6 + 2#10 + 1#6G IN 1" C.
 - ⑤ 2#4 + 2#10 + 1#4G IN 1" C.
 - ⑥ 3#1/0 + 1#4G IN 1 1/2" C.
 - ⑦ 3#3 + 1#8G IN 1 1/4" C.
- ALL CONDUCTORS ARE TO BE COPPER



ELECTRICAL SITE PLAN
SCALE: 1" = 20' 0"

FIXTURE SCHEDULE

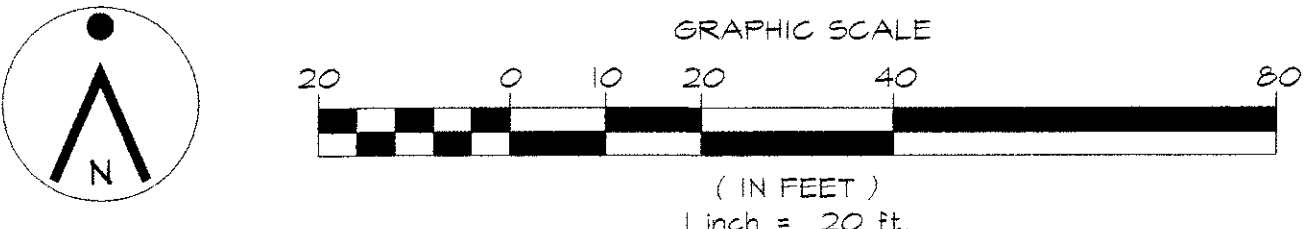
TYPE	MANUFACTURER	MOUNTING	NO LAMPS/FIX.	WATTAGE
A	WF HARRIS LIGHTING #30-OW-WH-28PLC-HPF-120V-30BWH-WL	SURFACE	1-28WPLC	34W
B	BRONZELITE #G7042F-RB-S-F-120 W/ #CP7	INGROUND	1-42WPL	60W

Bid Alternate No. 2 shall include wiring, type "A" light fixtures and WP/GFCI. All other electrical systems included but not limited to conduit home runs, power pedestal, etc... shall remain in the base bid.

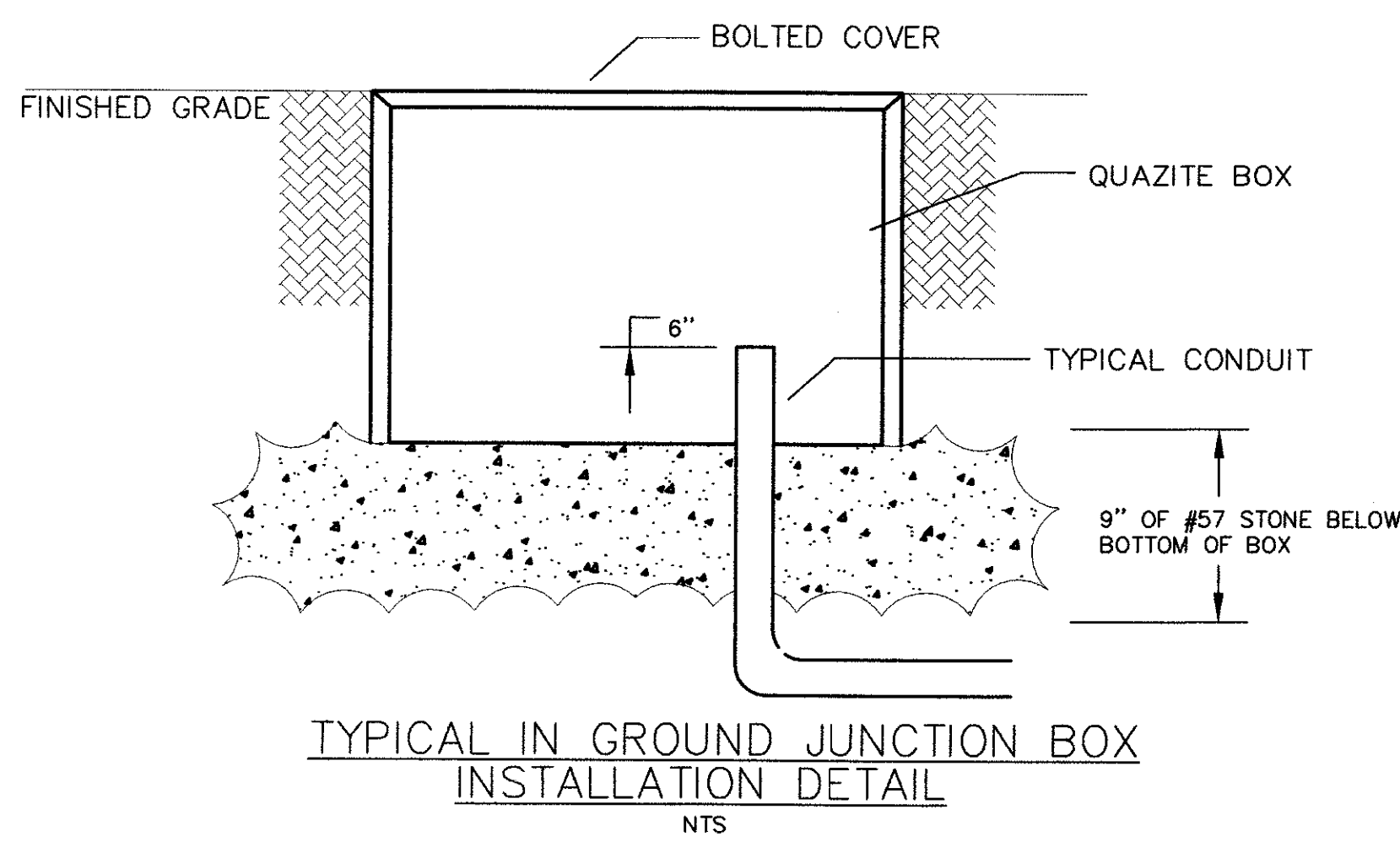
Bid Alternate No. 3 and 4 shall include wiring, type "A" light fixtures and WP/GFCI. All other electrical systems included but not limited to conduit home runs, power pedestal, etc... shall remain in the base bid.

NOTES

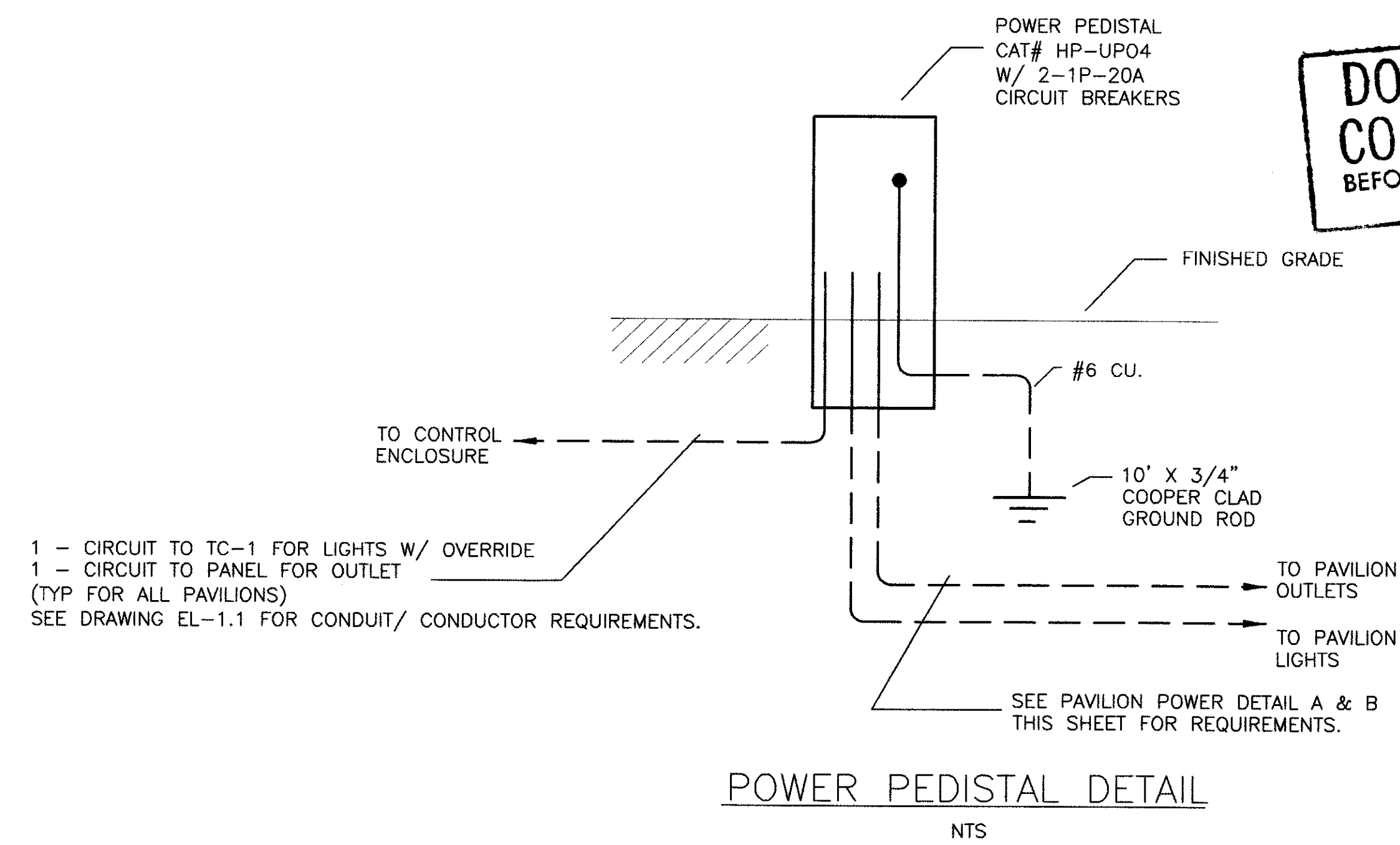
1. PROVIDE AND INSTALL PULL BOXES AT A MAXIMUM OF 250 LF ON CENTERS OR AS REQUIRED FOR EACH AND/OR ALL CONDUIT RUNS. NOTE: BOXES ARE NOT SHOWN ON THIS DRAWING. PULLBOXES SHALL BE QUARTZITE COMPOSITE PG STYLE BOXES WITHOUT BOTTOMS, 13"x24"x18" OR 17"x30"x22" WITH HEAVY DUTY BOLTED COVERS. CONTRACTOR MAY USE ONE BOX IN MULTIPLE CONDUIT RUNS AS LONG AS THE NEC FILL REQUIREMENTS ARE MAINTAINED. SEE TYPICAL IN GROUND JUNCTION BOX INSTALLATION DETAIL DRAWING EL-1.2 FOR DETAILS.
2. RUN NEW FEEDER TO THE EXISTING GUARD HOUSE. PANEL LOCATED INSIDE THE GUARD HOUSE. TERMINATE ON TO THE MAIN BREAKER AS REQUIRED. VERIFY PANEL IS GROUNDED AS PER THE POWER RISER DIAGRAM DRAWING EL-1.0, IF NOT PROVIDE AS REQUIRED.



GEORGIA REGISTERED PROFESSIONAL ENGINEER
 11956
 Womack & Associates
 CONSULTING ENGINEERS
WOMACK & ASSOCIATES
 4200 Perimeter Park South, Suite 225
 Atlanta, Georgia 30341
 Voice 770-458-3005 Fax 770-458-8388
 PLOT SCALE: 1" = 1'



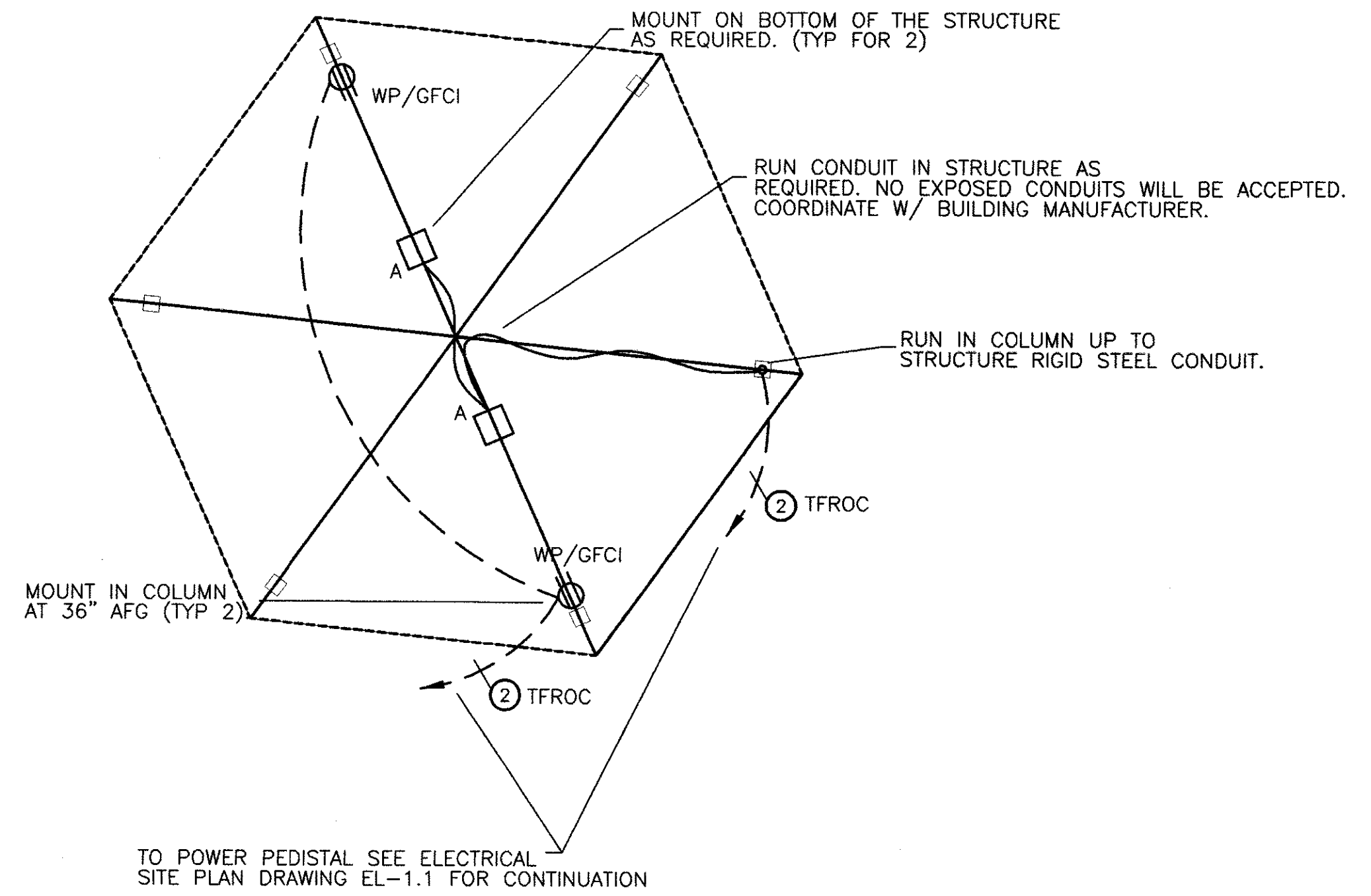
TYPICAL IN GROUND JUNCTION BOX
INSTALLATION DETAIL
NTS



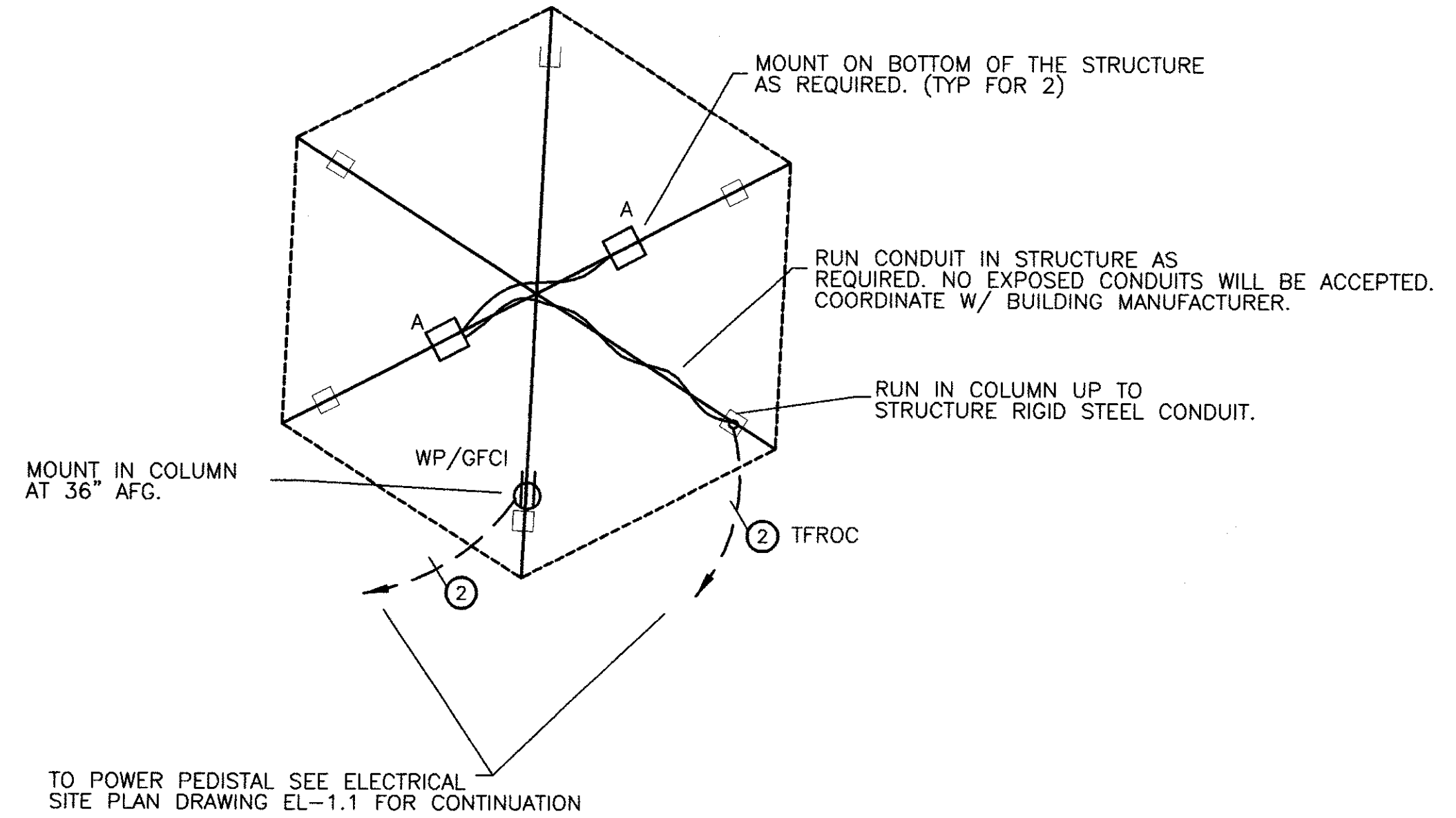
POWER PEDISTAL DETAIL
NTS

**DO NOT BEGIN
CONSTRUCTION**
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INSPECTIONS-TEL. 371-2117

- 1 - CIRCUIT TO TC-1 FOR LIGHTS W/ OVERRIDE
 - 1 - CIRCUIT TO PANEL FOR OUTLET (TYP FOR ALL PAVILIONS)
- SEE DRAWING EL-1.1 FOR CONDUIT/ CONDUCTOR REQUIREMENTS.



PAVILION POWER DETAIL A
NTS



PAVILION POWER DETAIL B
NTS

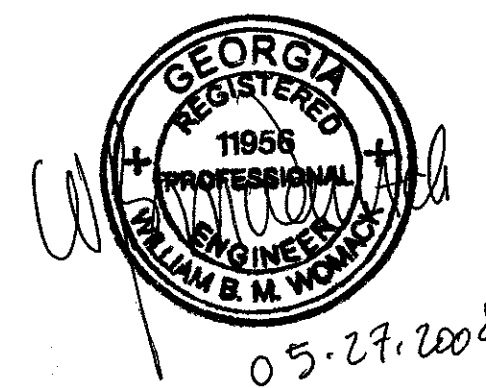
TO POWER PEDISTAL SEE ELECTRICAL
SITE PLAN DRAWING EL-1.1 FOR CONTINUATION

TO POWER PEDISTAL SEE ELECTRICAL
SITE PLAN DRAWING EL-1.1 FOR CONTINUATION

W&A PROJECT NUMBER - 04023

WOMACK & ASSOCIATES
CONSULTING ENGINEERS
4200 Perimeter Park South, Suite 225
Atlanta, Georgia 30341
Voice 770-458-3005 Fax 770-458-8388

PLOT SCALE: 1 = 1



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Landscape Architecture • Urban Design
991 N. Highland Avenue, NE Atlanta, Georgia 30327 404-888-4454

PROJECT TITLE: CHILDREN'S ADVENTURE GARDEN
AT BROOK RUN PARK
4770 N. PEACHTREE RD
DUNWOODY, GA. 30338

PREPARED FOR: DEKALB COUNTY PARKS AND RECREATION
3681 Chestnut Street
Scottdale, GA 30079

REVISIONS		
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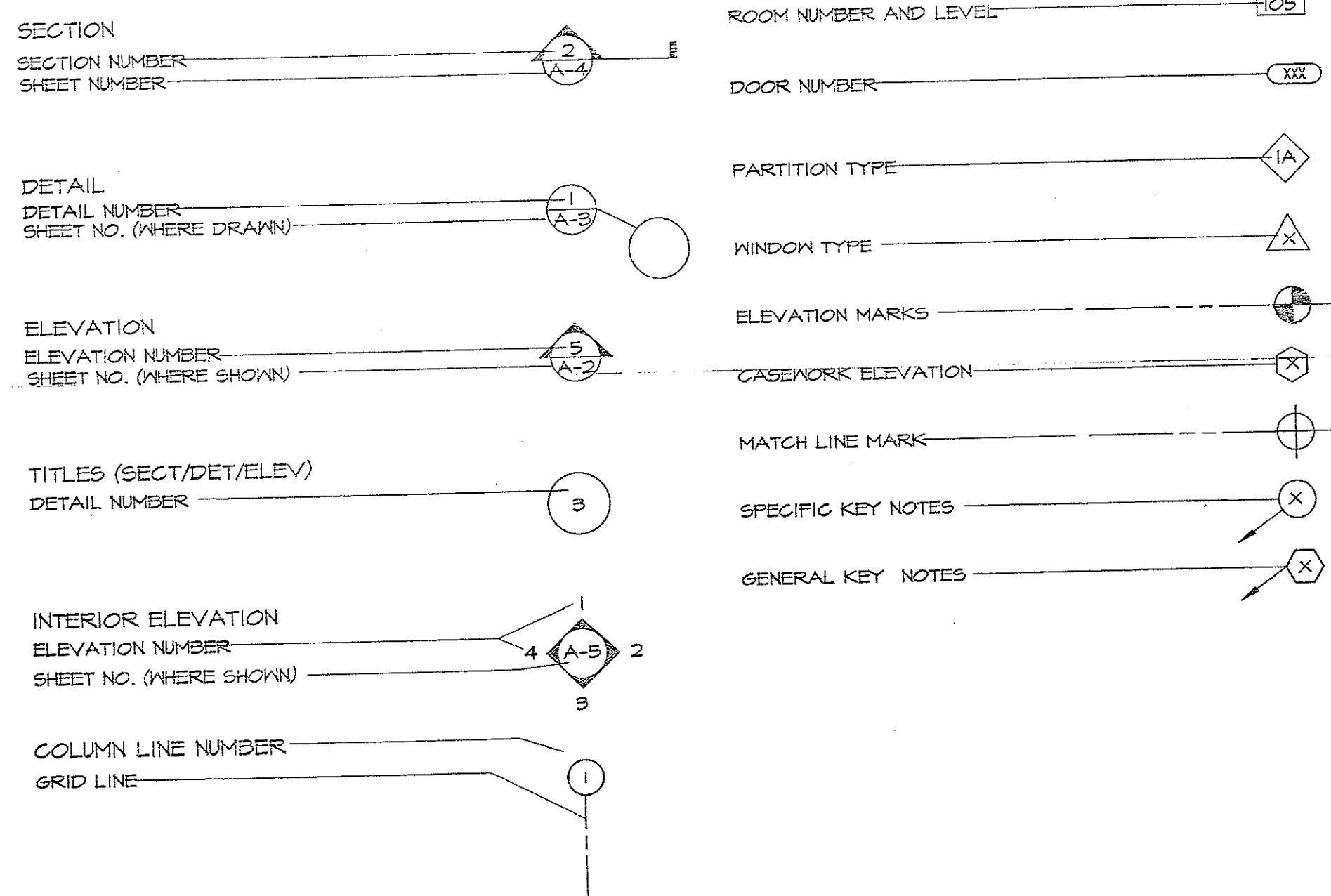
SCALE:
AS SHOWN
 DATE:
05-27-04

PROJECT NUMBER:
23141

DRAWING TITLE:
SITE ELECTRICAL

EL-1.2
 31 OF 36 SHEETS

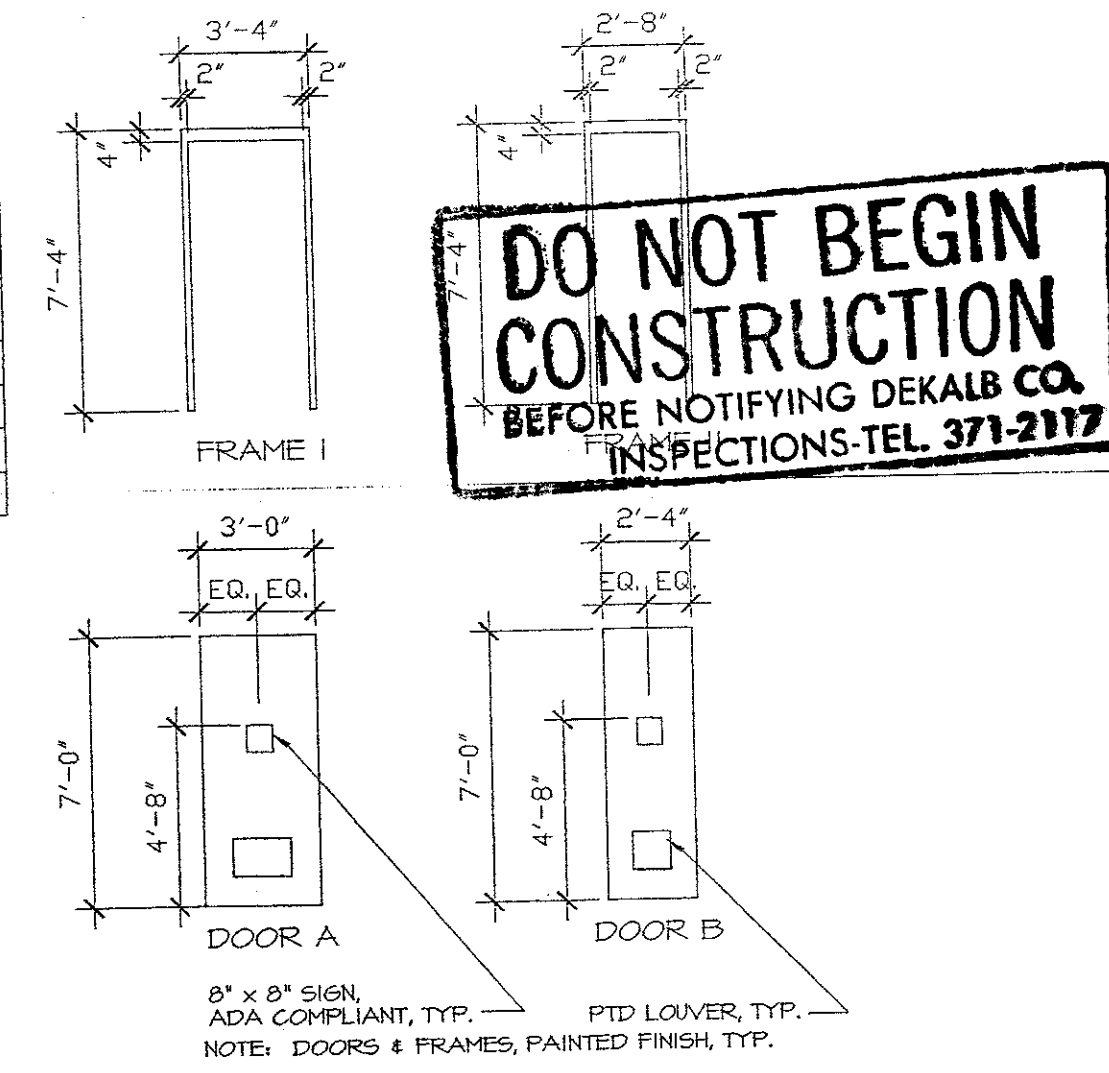
LEGEND & SYMBOLS



SCHEDULES

DOOR AND FRAME SCHEDULE

MARK	DOOR			FRAME					FIRE RATING LABEL	HARDWARE		NOTES		
	SIZE	LOUVER	DETAIL	MATL	GLAZING	WD	HGT	MATL		EL	HEAD		JAMB	SILL
101	3'-0" 7'-0"	2"	HM	NA	18"	12"	HM	1	1	2	3	NA	1	NA
102	3'-0" 7'-0"	2"	HM	NA	18"	12"	HM	1	1	2	3	NA	1	NA
103	3'-0" 7'-0"	2"	HM	NA	18"	12"	HM	1	1	2	3	NA	1	NA
104	2'-4" 7'-0"	2"	HM	NA	12"	12"	HM	1	1	2	3	NA	2	NA



ROOM FINISH SCHEDULE

ROOM NO	ROOM NAME	FLOOR	BASE	WALLS				CEILING		NOTES		
				N	S	E	W	MATL	HEIGHT			
101	WOMEN	EPOXY	COVE EPXY	EPXY	PTD	PTD	PTD	PTD	PTD	PTD	PLYWD / BATTEN	8'-4"
102	MEN	EPOXY	COVE EPXY	PTD	PTD	PTD	PTD	PTD	PTD	PTD	PLYWD / BATTEN	8'-4"
103	FAMILY	EPOXY	COVE EPXY	EPXY	PTD	PTD	PTD	PTD	PTD	PTD	PLYWD / BATTEN	8'-4"
104	PB& CHASE	CONC	NONE	CMU	CMU	CMU	CMU	CMU	CMU	CMU	NONE	9'-0"

ABBREVIATIONS

ABV ABOVE	EA EACH	KPL KICKPLATE	RNC RAINWATER CONDUCTOR
AFF ABOVE FINISH FLOOR	EAP EACH PAGE	RES RECTANGULAR	REF REFERENCE
ASC ABOVE SUSPENDED CEILING	EDS EDGE OF SLAB	REFL REFLECTED	RENF REINFORCE (S) (NS)
ACC ACCESS	EEL ELECTRICAL	RES RESILIENT	RET RETURN
AP ACCESS PANEL	EWC ELECTRICAL WATER COOLER	RET RETURN	RA RETURN AIR
ACT ACUSTICAL TILE	ELV ELEVATION	RVA REVERSE	RVS REVERSE (SIDE)
ADD ADDITION	EMER EMERGENCY	RVD REVISION (S), REVISED	RWG RIGID
ADJ ADJACENT	ENCL ENCLOSE (ARE)	RHL RIGHT HAND	RHR RIGHT HAND REVERSE
ADJT ADJUSTABLE	EQ EQ	RIS RISER	RD ROOF DRAIN
AVC AIR CONDITIONING	EQIP EQUIPMENT	RFR ROOF FLASH	RFS ROOF FINISH
ALT ALTERNATE	EST ESTIMATE	RGR ROOFING	RO ROOF OPENING
ALUM ALUMINUM	ENG ENGAVE	RD ROOF DRAIN	RUB RUBBER BASE
ANG ANCHOR ANCHORAGE	ENH ENHANCE	RSH RIGHT HAND	RVV RIGHT-OF-WAY
AS ANCHOR BOLT	ENR ENRICH	RSD RIGHT SIDE	RWB RUBBER
ANOD ANODIZED	EXT EXISTING	RM ROOM	RYS RUBBER TIE
APX APPROXIMATE	EXP EXPANSION	RSB ROUGH SURFACE	SA SANITARY NAPKIN DISPOSAL
ARCH ARCHITECT (ORAL)	EXT EXTERIOR	RSC ROUGH SCAFFOLD	SAN SANITARY NAPKIN VENDOR
AD AREA DRAIN	EJ EXPANSION JOINT	RD ROOF DRAIN	SCN SCREEN
ASPH ASPHALT	EJO EXPOSED JOINT	RHF ROOF HATCH	SCHD SCHEDULE
AUTO AUTOMATIC	EXT EXTERIOR	RHS ROOF FLASH	SEL SEALANT
AVE AVERAGE	EXTR EXTRUDED	RHT ROOF TRUSS	SEC SECTION
AT AND	FAB FABRIC	RVV RIGHT-OF-WAY	SEB SERVICE SINK
BM BEAM	FAC FACE TO FACE	RSD RIGHT SIDE	SEI SHEATHING
BFL BEARING PLATE	FBC FACE OF CONCRETE	RSH RIGHT HAND	SH SHEET
BJT BED JOINT	FBI FACE OF FINISH	RSL RIGHT SIDE	SHS SHELF, SHELVING
BK BENCH MARK	FBS FACE OF STUD	RST RIGHT SIDE	SKL SKYLIGHT
BT BTM BENCHMARK	FOD FACE OF STUD	RVA REVERSE	SKV SKY VENTILATOR
BLK BLOCK	FOS FACE OF STUD	RWB RUBBER TIE	SG SOLID CORE
BLK-BLK BLOCKS	FPR FIRE RESISTANT	RYS RUBBER TIE	S SOUTH
BO BOARD	FRE FIRE RESISTANT COATING	RSD RIGHT SIDE	SFC SPACER
BOB-BOBES BOARDS	FIX FIXTURE	RSH RIGHT SIDE	SFS SPREADER
BT BOTTOM	FIN FINISH (ED)	RSB ROUGH SURFACE	SPL SPECIAL
BRK BRICK	FLX FLEXIBLE	RSL RIGHT SIDE	SPEC SPECIFICATIONS
BRZ BRONZE	FLR FLOOR (NS)	RSD RIGHT SIDE	SPL SPLASH PAN
BLD-BLD BUILDINGS	FLD FLOOR DRAIN	RSH RIGHT SIDE	SP SQUARE
BUR BUILT UP ROOFING	FLU FLOOR	RSL RIGHT SIDE	SSD STAINLESS STEEL
BRD BULLET BOARD	FLUOR FLOOR	RSD RIGHT SIDE	STD STANDARD
BTU BRITISH THERMAL UNIT	FLUOR FLOOR	RSH RIGHT SIDE	STN STATION

MATERIAL DESIGNATIONS

	EARTH		FLYWOOD (SMALL SCALE)		CUT STONE
	STRUCTURAL CONCRETE		BATT INSULATION		STEEL
	FIRE BRICK		ACOUSTICAL TILE		BLOCKING
	CONCRETE BLOCK		CARPET		ROUGH FRAMING
	MARBLE		GLASS		PLYWOOD (LARGE SCALE)
	ALUMINUM		POROUS FILL, POND SAND, GRAVEL OR STONE		RIGID INSULATION
	FINISH WOOD		PLASTER OR CUT STONE		STUCCO/PLASTER ON MTL LATH
	HARDWOOD		FACE BRICK		GYP. WALL BOARD (LARGE SCALE)
			CERAMIC TILE		RESILIENT FLOORING

DRAWING SYMBOLS

	NEW CONSTRUCTION		NEW DOOR
	NEW FIXTURE		NEW H.C. FIXTURES
	EXIST. FENCE TO REMAIN		EXISTING FENCE TO BE REMOVED
	NEW FENCE		

GENERAL NOTES

THESE NOTES SHALL APPLY EXCEPT WHERE OTHERWISE INDICATED BY DRAWINGS OR SPECIFICATIONS.

- DO NOT SCALE THE CONTRACT DRAWINGS FOR THE PURPOSE OF ESTABLISHING CORRECT DIMENSIONS. COORDINATE REQUIRED DIMENSIONS WITH THE ARCHITECT.
- THE CONTRACTOR SHALL VISIT THE SITE AND FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING CONSTRUCTION WORK.
- DIMENSIONS SHOWN TO CENTERLINE OF COLUMNS, ACTUAL FACE OF MASONRY, FACE OF METAL STUDS AND TO THE FACES OF WALLS AROUND HOLLOW CHANNELS, UNLESS OTHERWISE NOTED, ALL DIMENSIONS SHOWN FOR CONCRETE MASONRY UNITS ARE NOMINAL DIMENSIONS.
- PAINT ALL METERS, PIPING, CONDUITS, WALLCAPS, VENTS, ETC., EXPOSED ON THE EXTERIOR OF THE BUILDING (COLOR SELECTED BY ARCHITECT).
- ALL ROOF PENETRATIONS SHALL BE SEALED WATER TIGHT AND PROTECTED IN ACCORDANCE WITH MANUFACTURERS DETAILS.
- CLARIFICATION, INTERPRETATION AND DESIGN INTENT OF THESE DOCUMENTS SHALL BE THE SOLE RESPONSIBILITY OF THE ARCHITECT. ANY DEVIATIONS OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR REVIEW AND/OR APPROVAL.
- VERIFY LOCATIONS OF ALL UNDERGROUND UTILITY SERVICES BEFORE EXCAVATING FOR FOOTINGS, NEW CURB OR CONDUIT RUNS.

TYPICAL MOUNTING HEIGHTS

NOTE: NO WALL MOUNTED UNIT SHALL BE MOUNTED CLOSER THAN 6" BETWEEN DOOR JAMBS AND CENTERLINE OF UNIT. ALIGN ANY UNITS HIGHER THAN 48" WITH EDGE OF 48" HIGH UNIT CLOSEST TO THE DOOR.

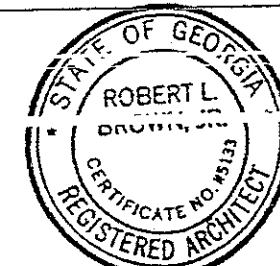
CODES & ZONING BUILDING DATA

BUILDING CODE:
INTERNATIONAL BUILDING CODE 2000

LIFE SAFETY CODE:
NFPA 101 - 2000 EDITION
AMERICANS DISABILITIES ACT:
ADA 1990 & 1993 SUPPLEMENT
GEORGIA ACCESSIBILITY CODE:
1997 EDITION - 120-3-20

BUILDING DATA

OCCUPANCY: BUSINESS
OCCUPANT LOAD: 5
BUILDING GROSS SQUARE FOOTAGE: 480 S.F.
NUMBER OF STORIES: ONE (1)
CONSTRUCTION TYPE: V, NON-SPRINKLERED (CMU WALLS, WOOD TRUSS ROOF)



PROJECT TITLE: CHILDREN'S ADVENTURE GARDEN
AT BROOK RUN PARK
4770 N. PEACHTREE RD.
DUNWOODY, GA 30038

PREPARED FOR: DEKALB COUNTY PARKS AND RECREATION
3681 Chestnut Street
Scottsdale, GA 30075

REVISIONS

NO.	DATE	DESCRIPTION

RELEASE STATUS

○ PROGRESS PERM
◎ PERMIT RELEASE
○ BID RELEASE
○ CONSTRUCTION RELEASE
○ RELEASE DATE

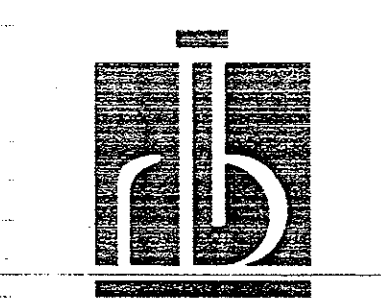
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DATE: 03-29-04
PROJECT NUMBER: 23141
DRAWING TITLE: ARCHITECTURAL

G-1.0
32 of 36 SHEETS

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DESIGN AND COMMON SENSE, INC
Land Planning & Landscape Architecture • Urban Design
501 N. Highland Avenue, NE Atlanta, Georgia 30307 404-688-4450

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(404) 371-2460

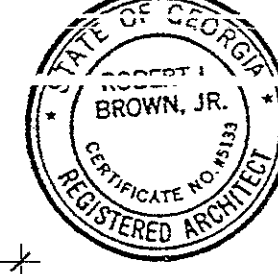
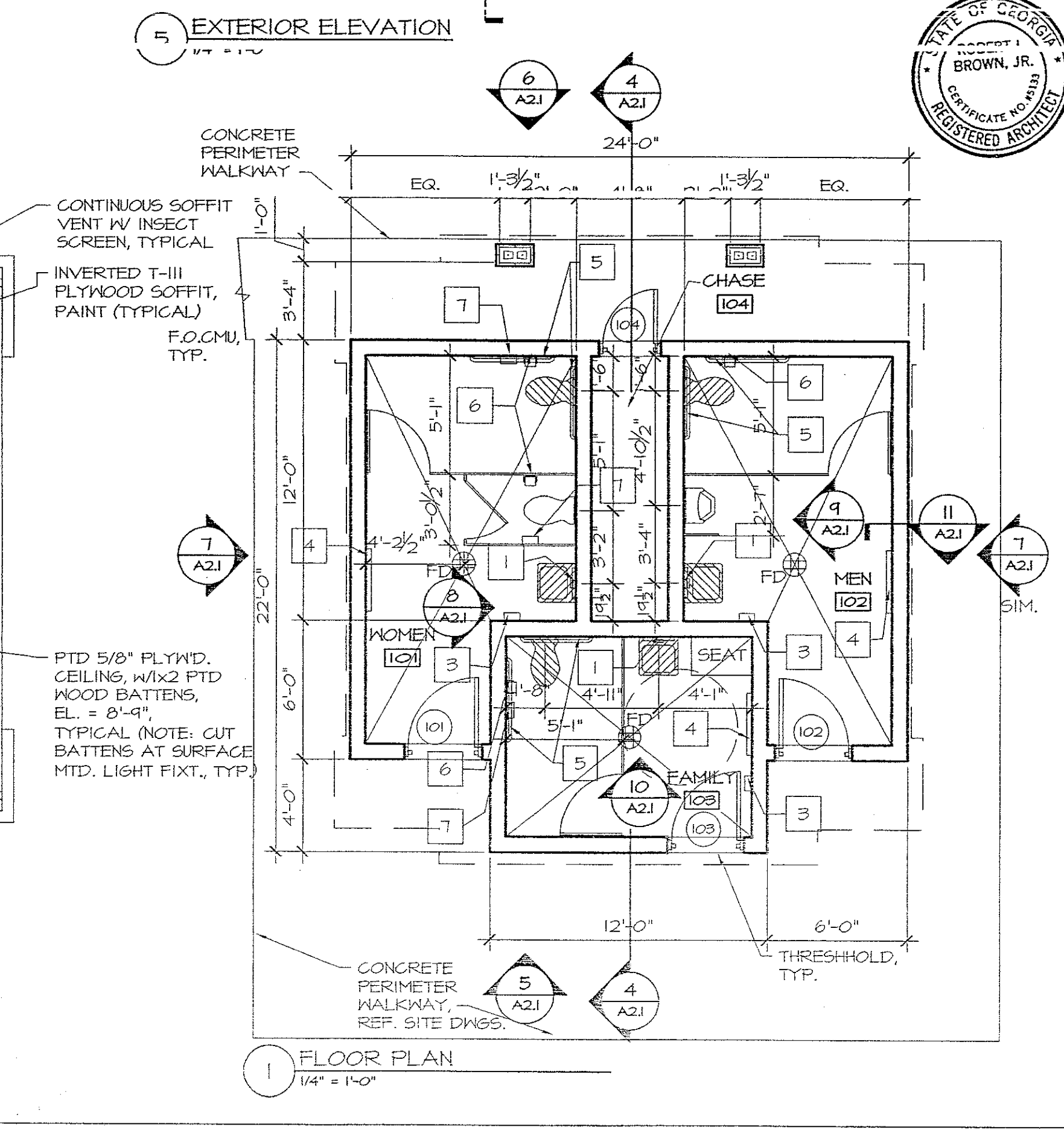
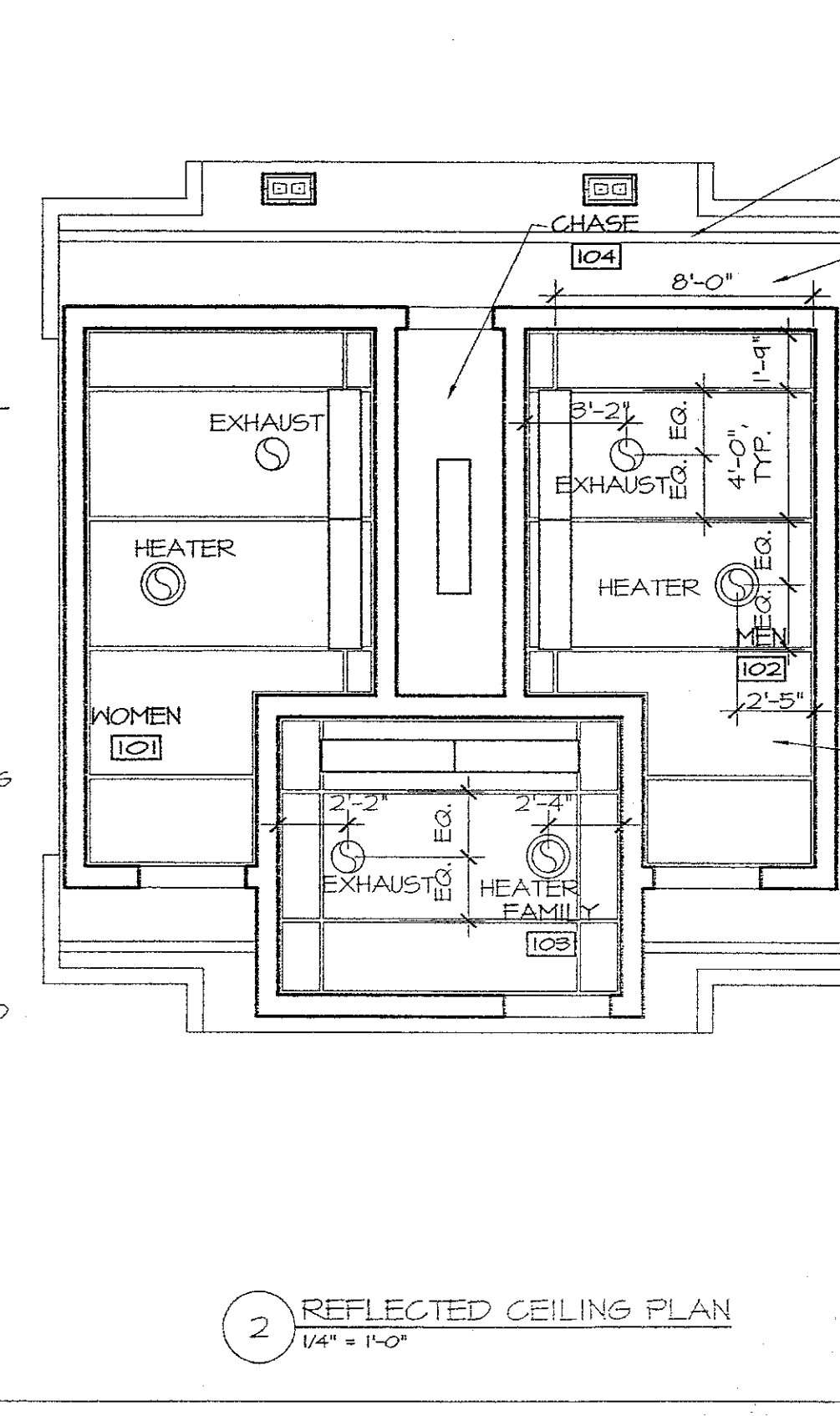
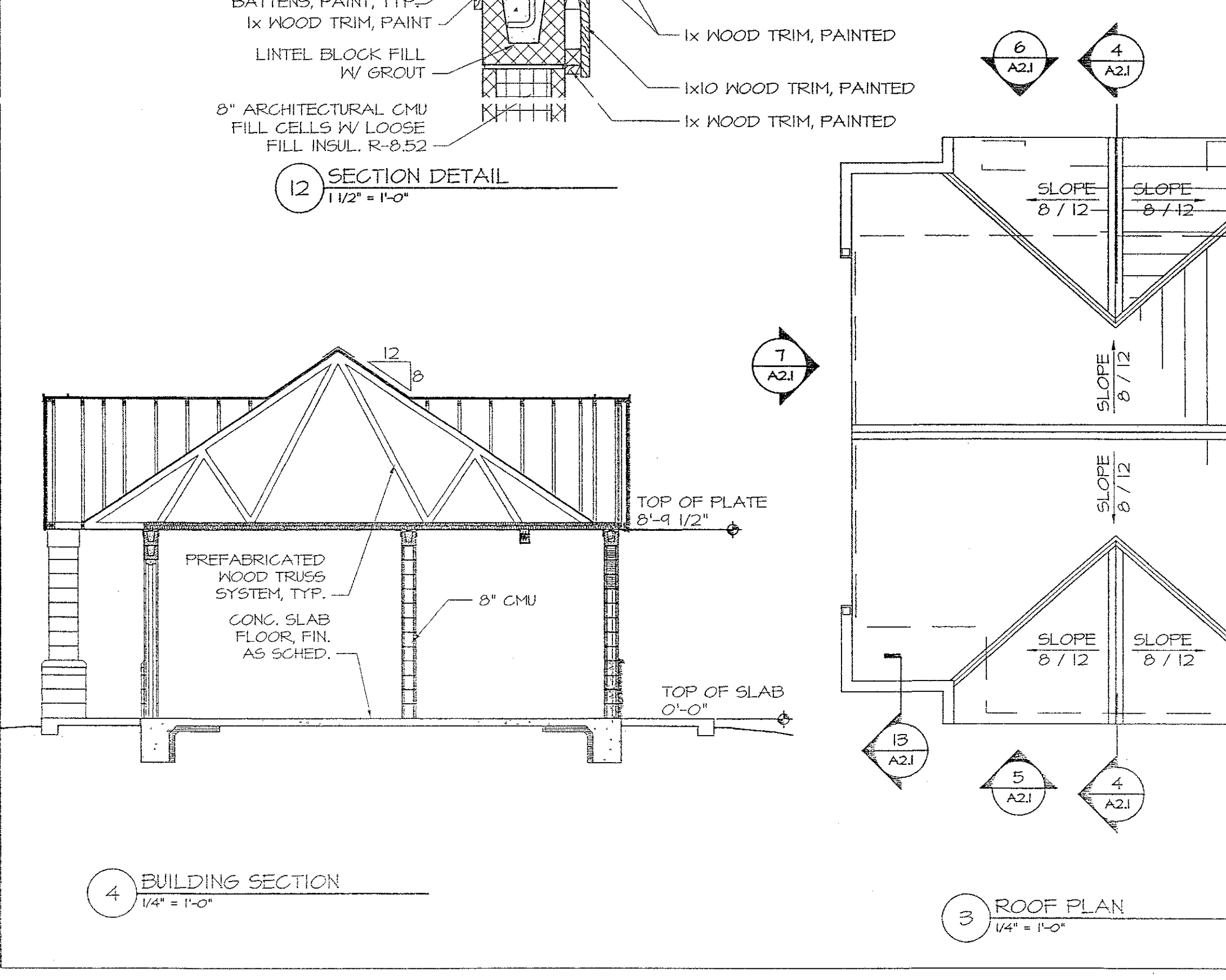
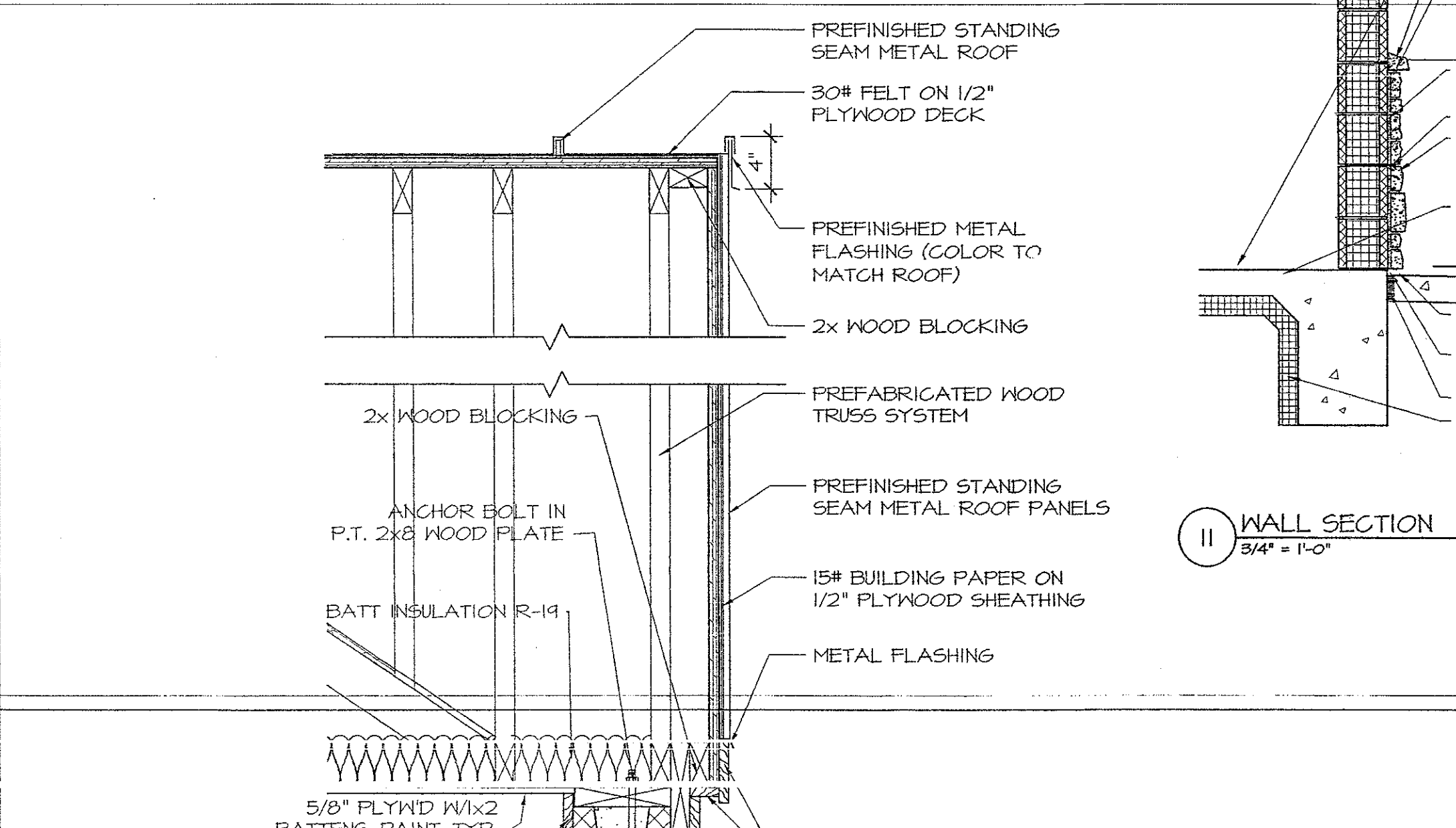
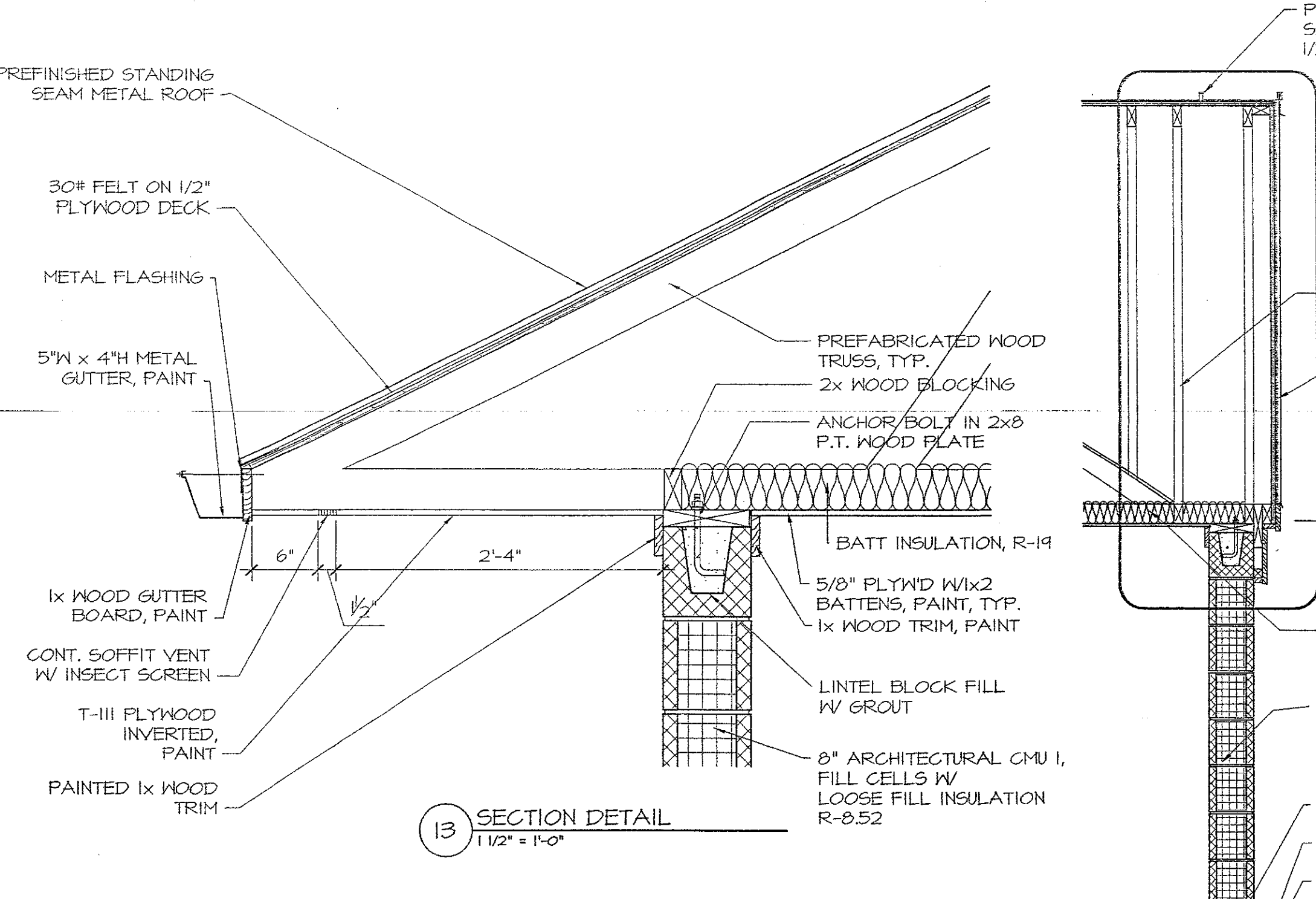
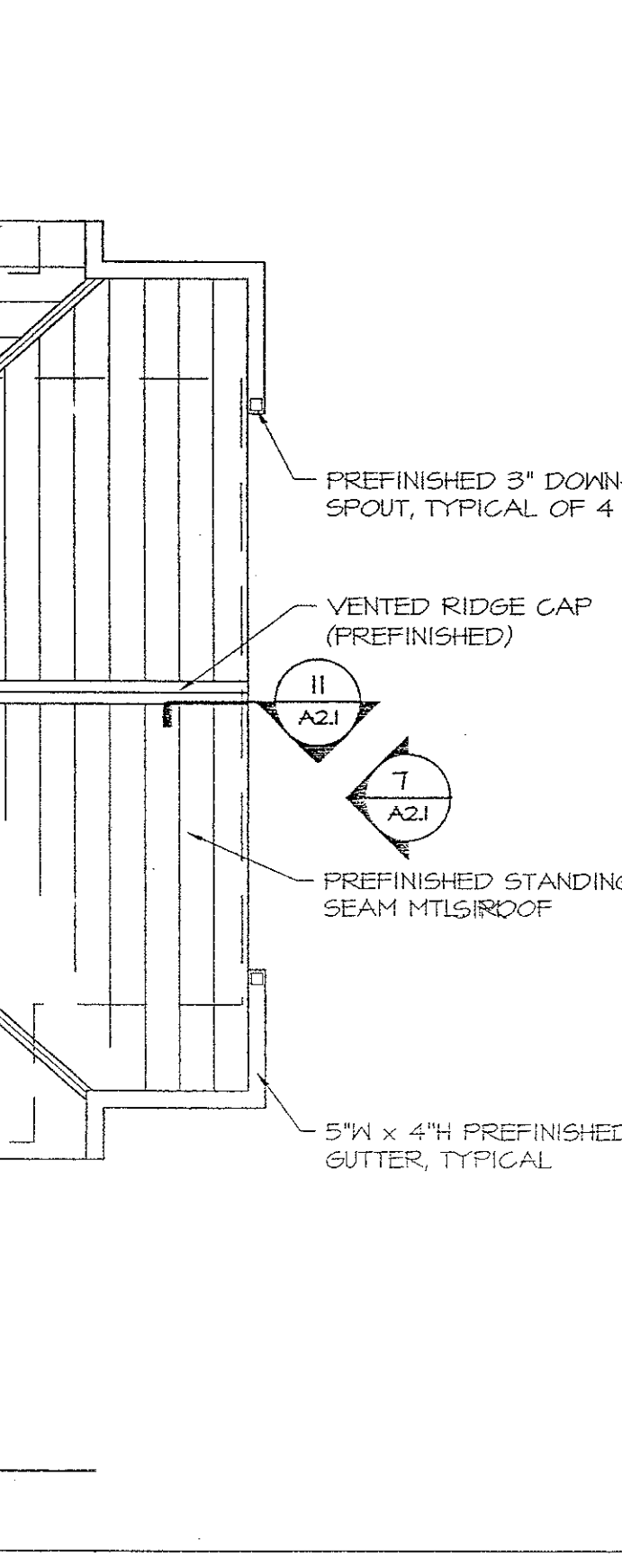
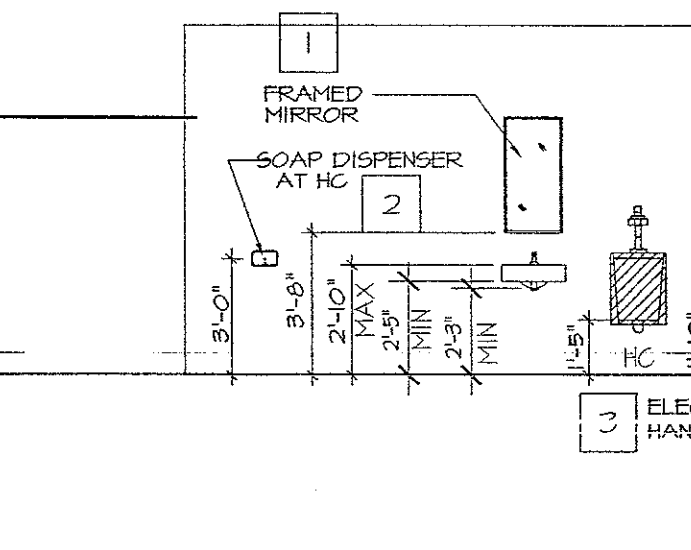
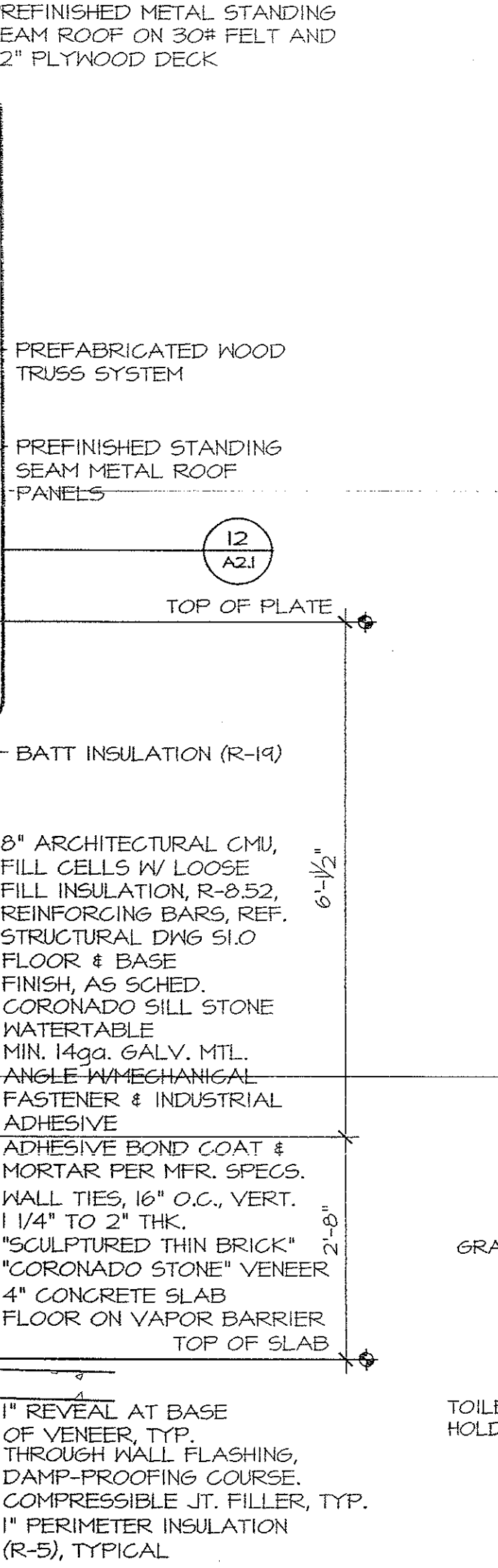
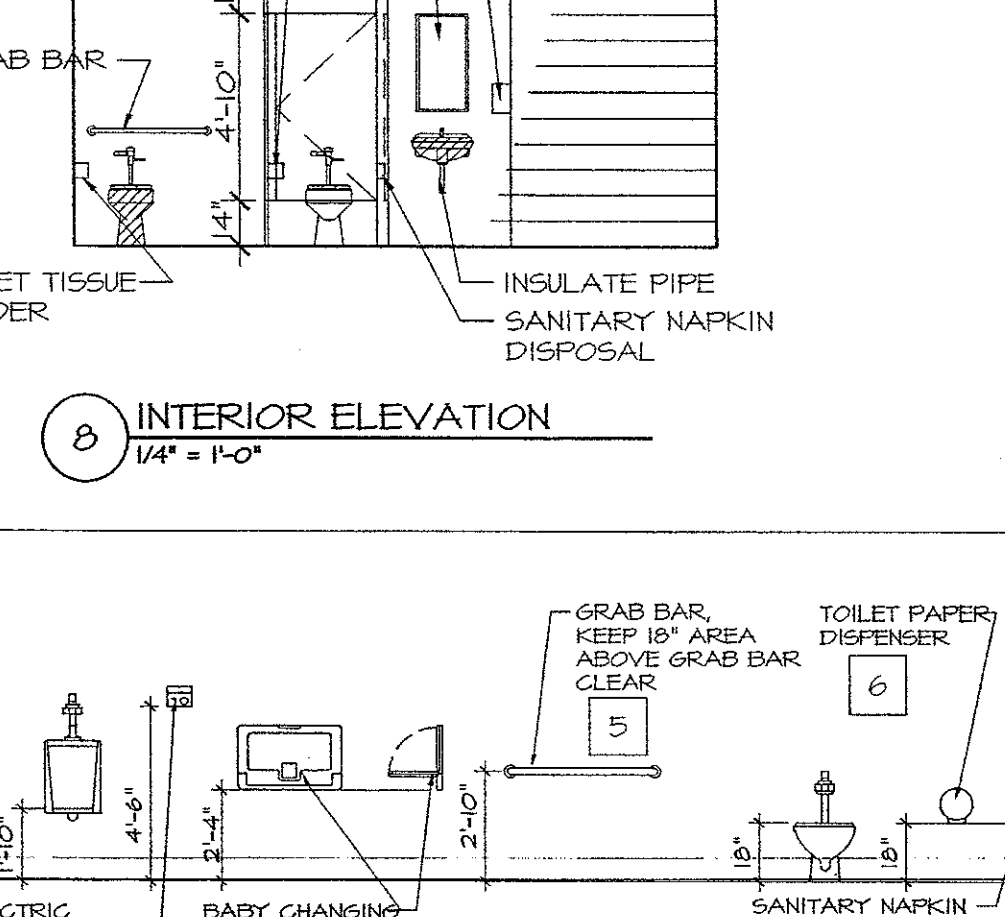
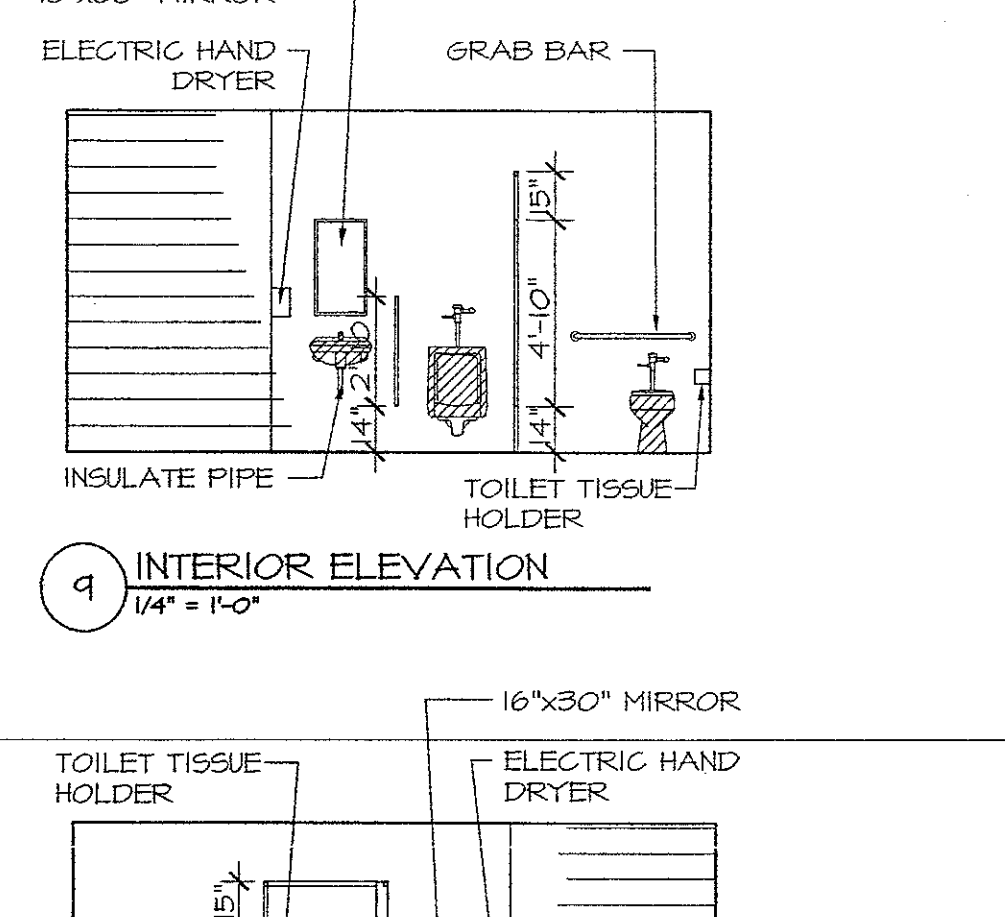
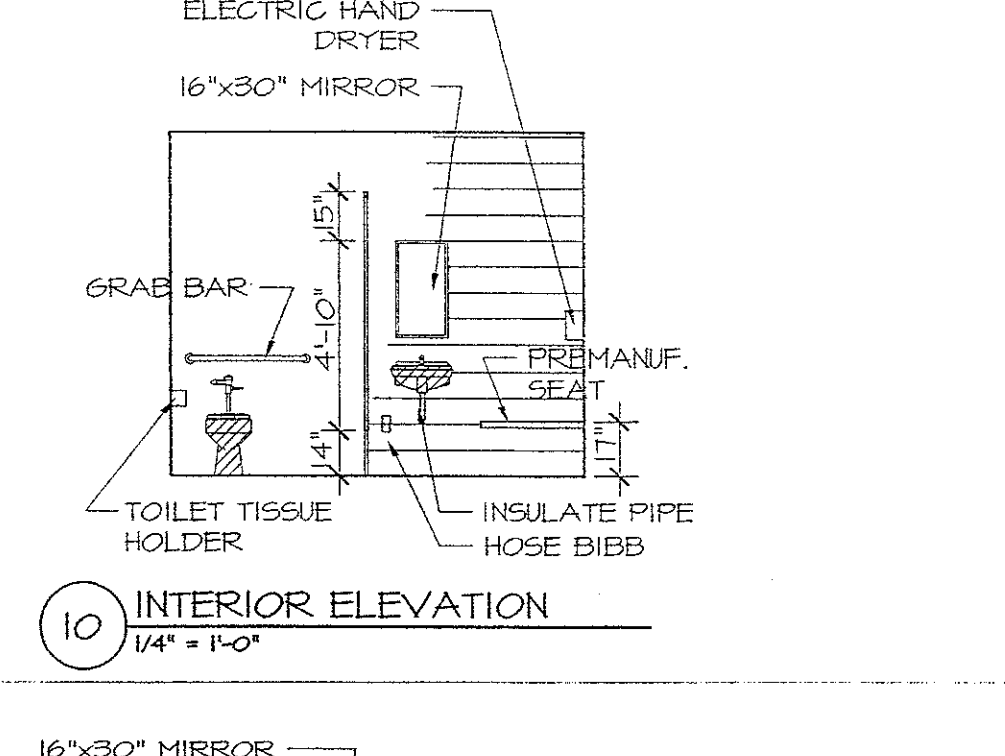
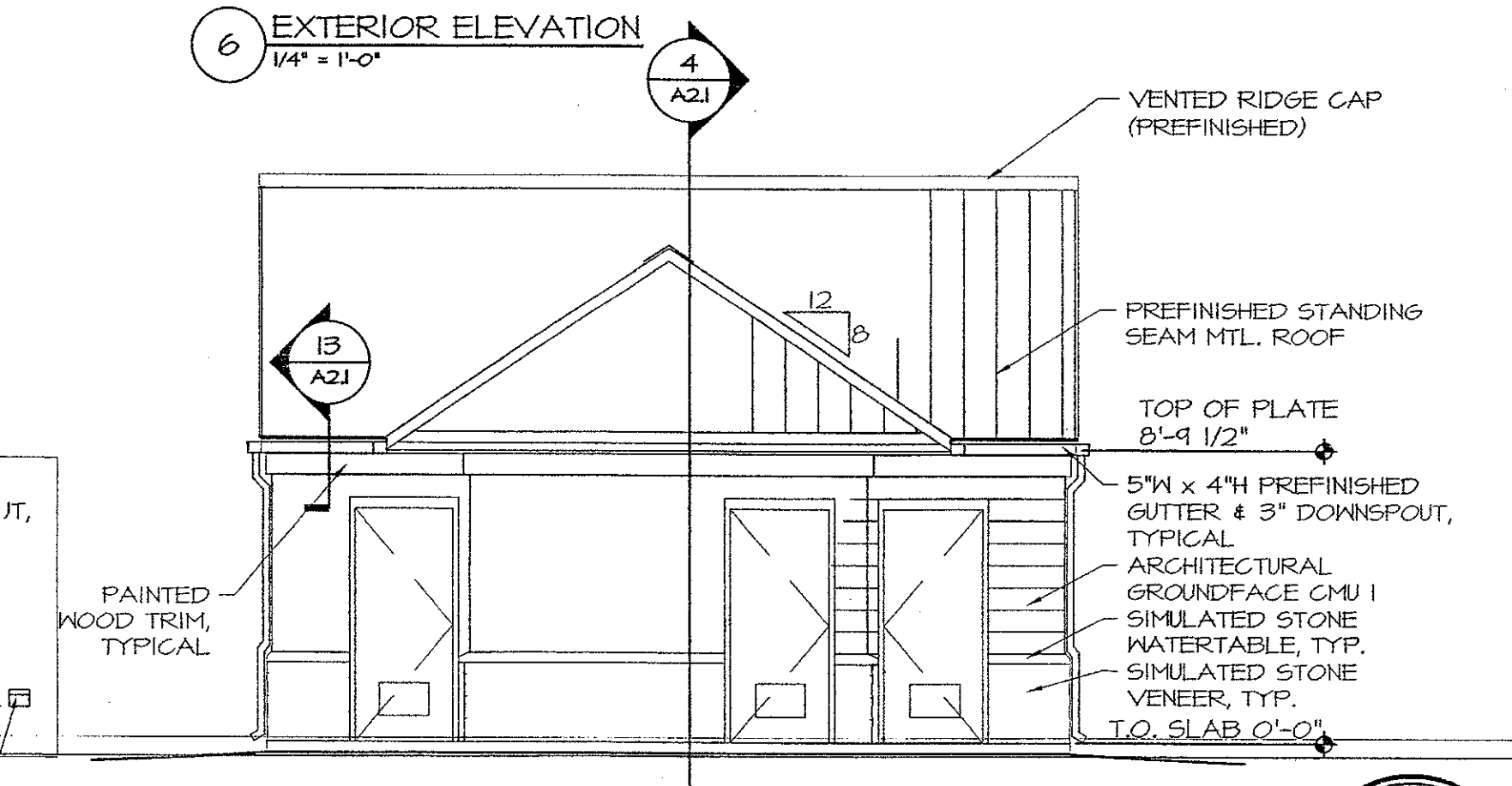
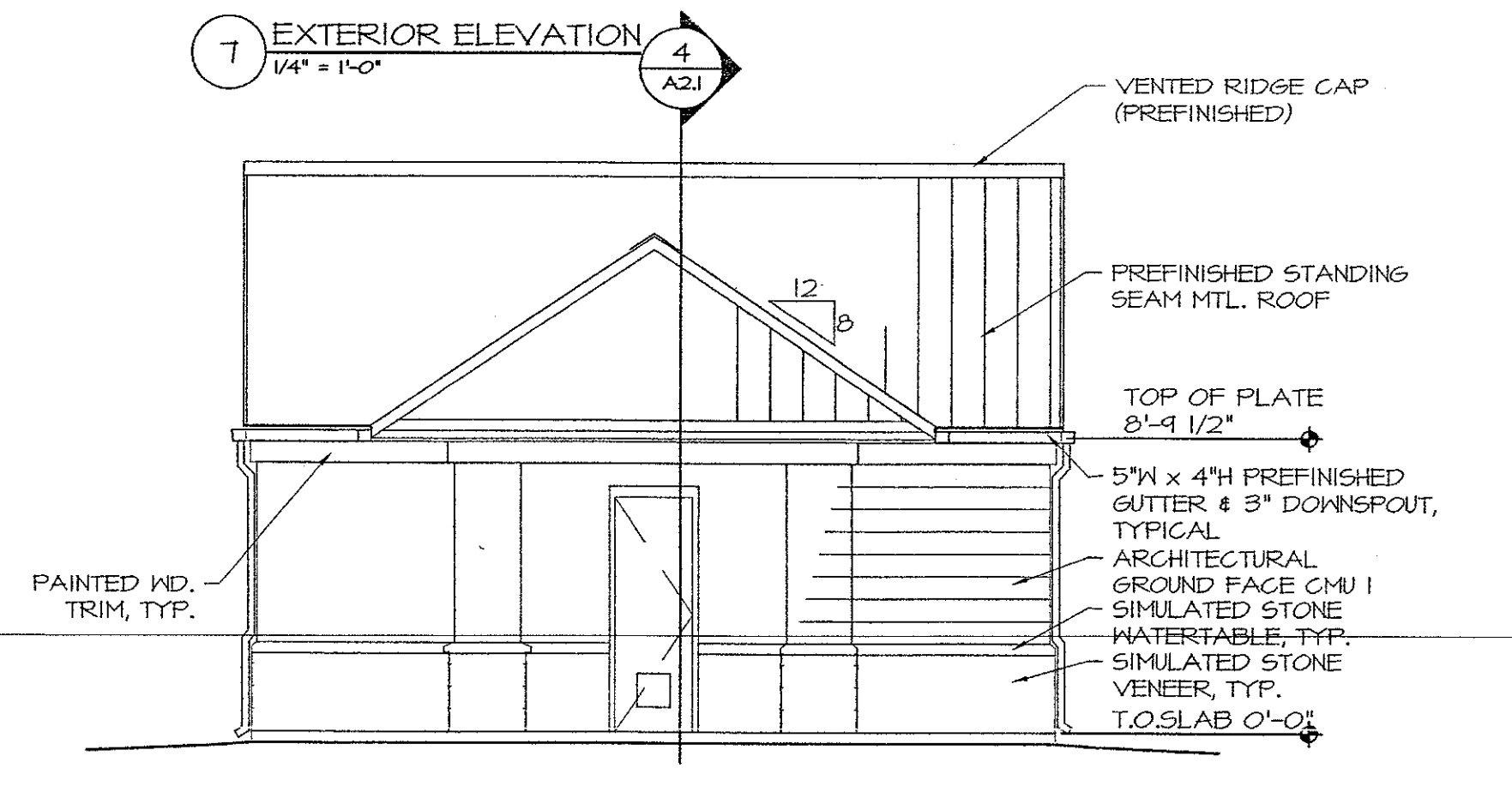
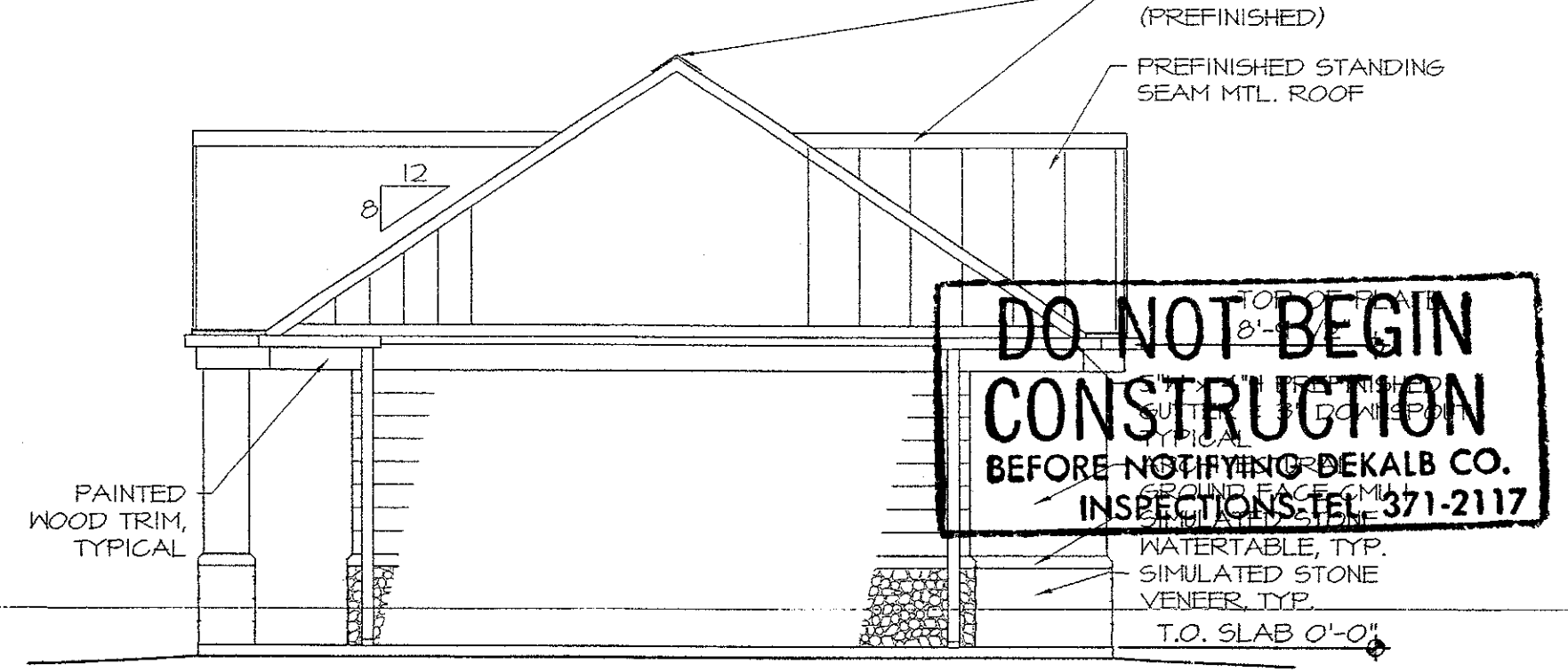
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591 N. Highland Avenue, NE Atlanta, Georgia 30307 404-888-4454

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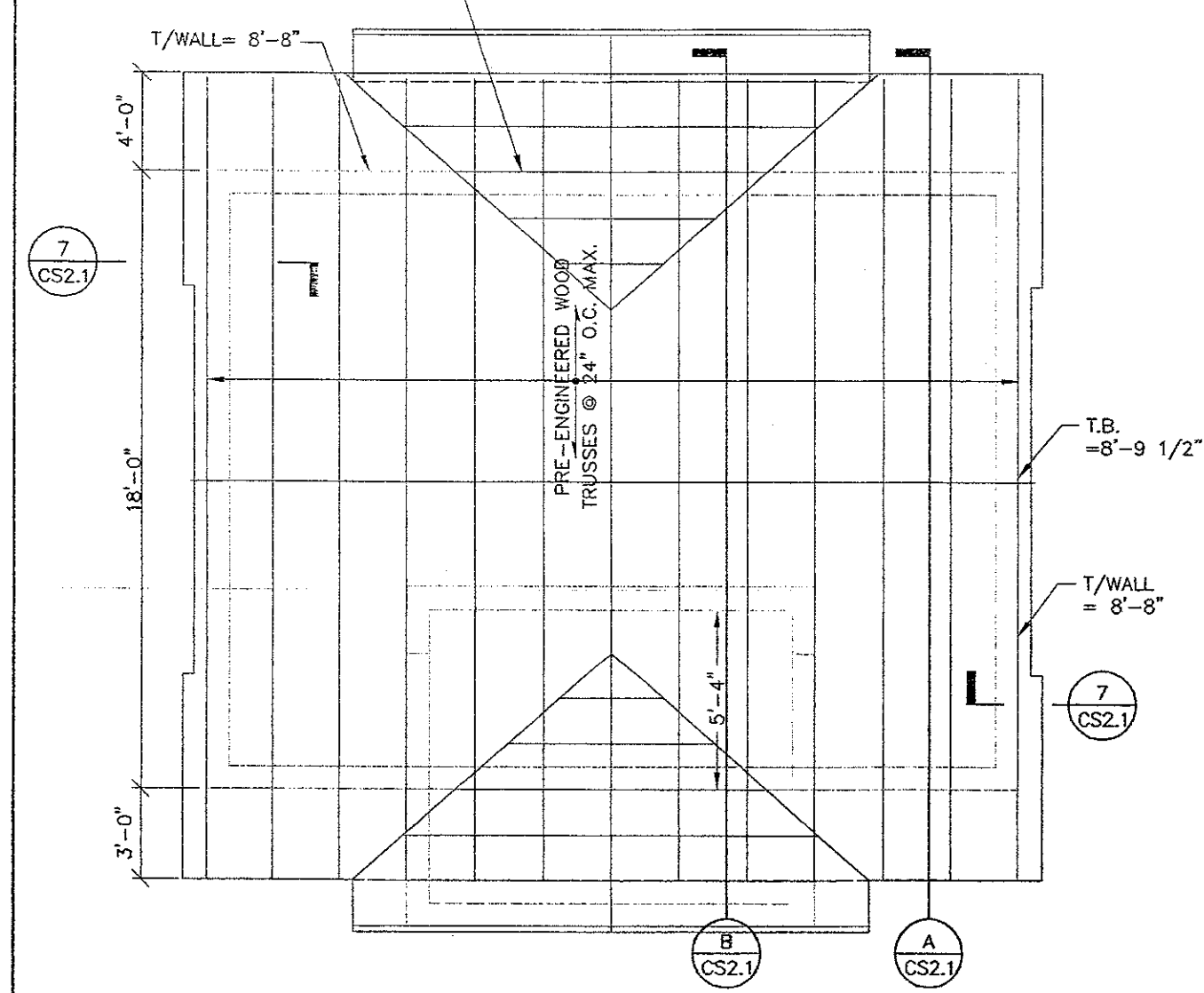
REVISIONS		
NO.	DATE	DESCRIPTION

RELEASE STATUS
 ○ PROGRESS PRINT
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 ○ BID RELEASE
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SCALE
 AS SHOWN
 DATE: 03-29-04
 PROJECT NUMBER: 23141
 DRAWING TITLE: ARCHITECTURAL
A-1.1
 33 OF 36 SHEETS



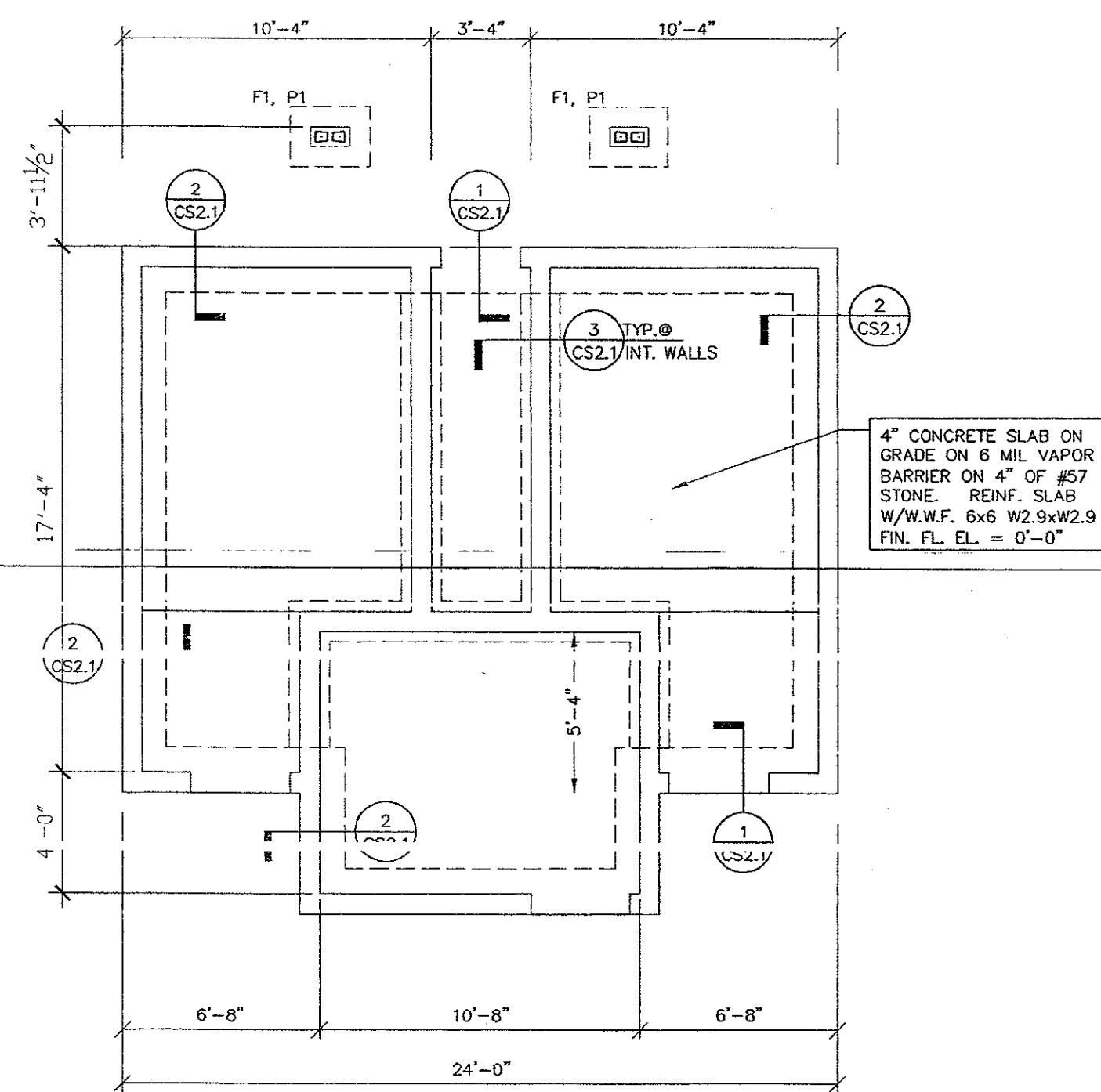
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BUILDING "C" ROOF FRAMING PLAN
SCALE: 1/4"=1'-0"

PLAN NOTES

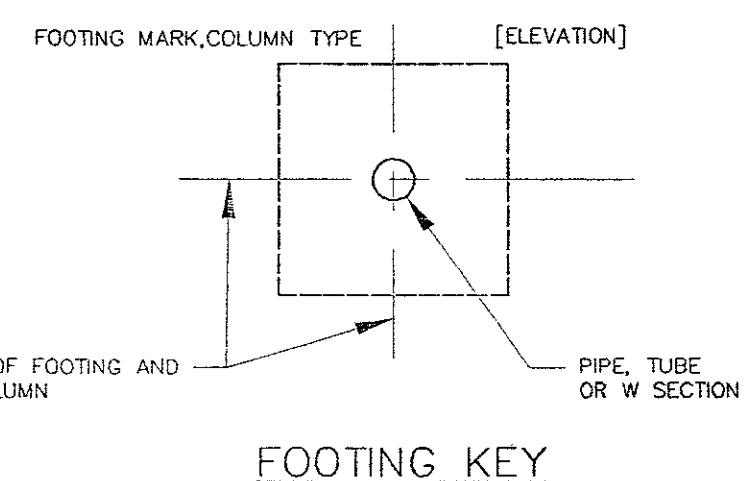
- T.B. INDICATES TRUSS BEARING ELEVATION TAKEN FROM FIN. FLR. ELEVATION 0'-0".
- T/WALL INDICATES TOP OF MAS. WALL ELEVATION TAKEN FROM FIN. FLR. ELEVATION 0'-0".
- INDICATES DIRECTION OF "W" PLYWOOD DECK U.N.O. PROVIDE 6d NAILS @ 6" C.C. EDGES AND 12" C.C. INTERMEDIATE.
- SEE DRAWING BS2.1 FOR GENERAL NOTES.



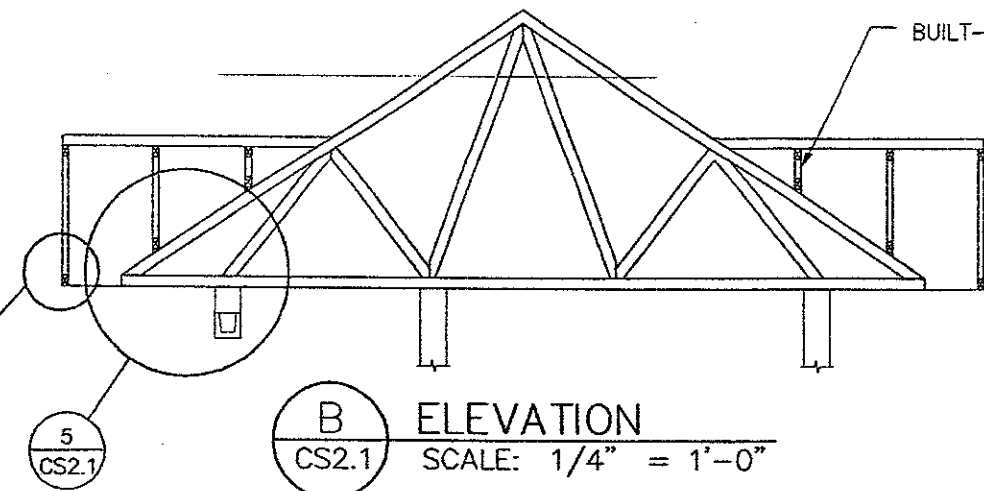
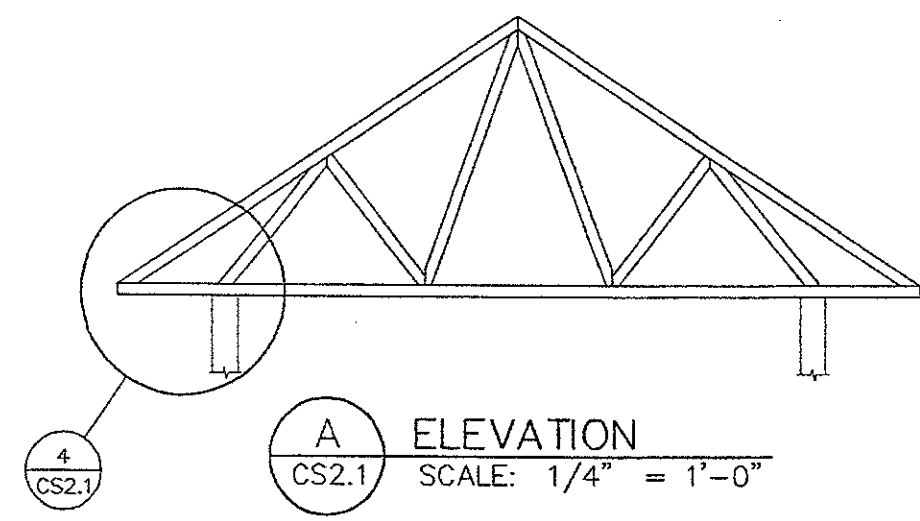
BUILDING "C" FOUNDATION PLAN
SCALE: 1/4"=1'-0"

FOUNDATION PLAN NOTES

- NOTES: UNLESS NOTED OTHERWISE ON THE PLANS, TOP OF FOOTING ELEVATIONS FOR ALL EXTERIOR FOOTINGS SHALL BE [-1'-4"] BELOW THE FINISH FLOOR ELEVATION.
- F1: INDICATES 2'-4"x12" SPREAD FOOTING REINFORCED W/3 #4 E.W.
- P1: INDICATES 12"x16" MASONRY PIER REINFORCED W/(4) #5 LONG AND #9 WIDE IN EA. JOINT.



FOOTING KEY



GENERAL NOTES

FOUNDATION NOTES

- FOOTINGS ARE DESIGNED TO BEAR ON ORIGINAL EARTH WITH AN ALLOWABLE BEARING CAPACITY OF 2000 P.S.F. SOIL BEARING CAPACITY SHALL BE VERIFIED BY A REGISTERED SOILS ENGINEER AT THE TIME OF EXCAVATION. ELEVATIONS GIVEN ARE FOR PURPOSES OF CONTRACT AND SHALL BE ADJUSTED AT THE TIME OF EXCAVATION TO MEET SOIL CONDITIONS.
- UNLESS SHOWN OTHERWISE, ALL CONCRETE SHALL DEVELOP 3,000 POUNDS PER SQUARE INCH AT 28 DAYS.
- WHERE PIPES OR CONDUITS RUN PERPENDICULAR TO A FOOTING, STEP TOP OF FOOTING DOWN TO ALLOW PIPES OR CONDUIT TO RUN OVER TOP OF FOOTINGS.
- WHERE PIPES OR CONDUIT RUN PARALLEL TO A FOOTING, STEP DOWN BOTTOM OF FOOTING SO THAT A LINE DRAWN BETWEEN INVERT OF PIPE AND BOTTOM OF FOOTING SHALL NOT EXCEED 30 DEGREES; SEE DETAIL 8/CS2.1
- NO PIPES OR CONDUIT SHALL BE PLACED IN THE FOOTINGS.

WOOD NOTES

- WOOD TRUSS RAFTER, TRUSS, ROOF FRAMING AND STUD WALL NOTES:
- SPECIFIC HANDLING AND ERECTION DETAILS OF TRUSSES SHALL BE INCLUDED WITH TRUSS ELEVATIONS AND PLANS.
 - WHERE ATTACHED CEILINGS (I.E., ATTACHED DIRECTLY TO BOTTOM CHORD) OCCUR, THEY MAY BE CONSIDERED CAPABLE OF PROVIDING LATERAL SUPPORT TO TRUSS BOTTOM CHORD. WHERE NO CEILING OCCURS, TRUSS DESIGNER/SUPPLIER SHALL DETAIL AND FURNISH WIND UPLIFT BRIDGING.
 - ALL WOOD USED IN ROOF FRAMING AND TRUSSES SHALL BE SOUTHERN YELLOW PINE #2 AT 19% MOISTURE CONTENT.
 - ALL WOOD BEARING SHALL HAVE FULL CONTACT BETWEEN MEMBERS.
 - ALL WOOD FRAMING SHALL BE BUILT IN ACCORDANCE WITH A.I.T.C. RECOMMENDATIONS.
 - UNLESS SHOWN OTHERWISE, ALL STEEL BEAMS CARRYING WOOD FRAME SHALL HAVE 2x6 WOOD NAILER AT TOP FLANGE AND CONNECTED TO TOP FLANGE WITH ROUND CARRIAGE BOLTS AT 2'-0" O.C. (U.N.O.) STAGGERED.
 - TRUSS SUPPLIER TO PROVIDE CONNECTIONS FOR TRUSSES BEHIND AT SUPPORTS AND AT ENDS.
 - ROOF TRUSSES AND WOOD ROOF FRAMING ARE THE RESPONSIBILITY OF THE CONTRACTOR AND HIS DESIGN TEAM.
 - AT LOCATIONS WHERE ENDS OF ROOF TRUSSES LAP, CONNECT TRUSS TOGETHER WITH 30d NAILS @ 6" O.C. VERTICALLY, UNLESS NOTED OTHERWISE.

FABRICATED WOOD TRUSSED RAFTERS:

- THE CONTRACTOR SHALL PREPARE, AND SUBMIT FOR REVIEW, CALCULATIONS AND SHOP AND ERECTION DRAWINGS FOR TRUSSED RAFTERS, BEARING THE SEAL OF A REGISTERED PROFESSIONAL ENGINEER VALID IN THE STATE IN WHICH THE PROJECT IS LOCATED.
- WOOD TRUSSED RAFTERS FOR FLOORS AND ROOF SHALL BE CONSTRUCTED OF SOUTHERN PINE, NO. 1 OR BETTER, F=1,400 PSI, E=1,800,000 PSI. MINIMUM SIZE NOMINAL 2x4.
- TRUSS PLATES SHALL CONFORM TO ASTM A446, GRADE A, HOT DIPPED GALVANIZED ACCORDING TO ASTM A525, COATING DESIGNATION G60 MINIMUM.
- BOLTS SHALL CONFORM TO ASTM A307.

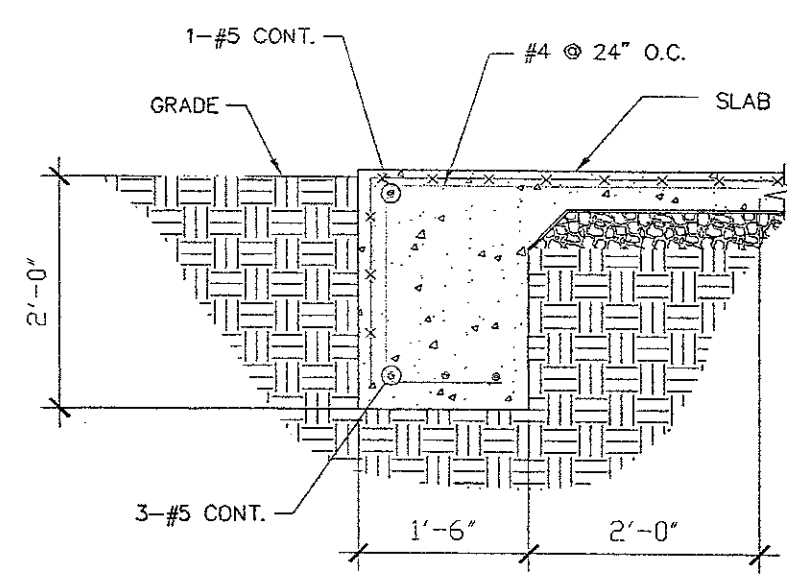
CONCRETE MASONRY NOTES

- CONCRETE MASONRY UNITS SHALL BE REGULAR WEIGHT, COMPLYING WITH ASTM C90 TYPE 2 UNITS, MINIMUM STRENGTH F_m=1500 P.S.I., U.N.O.
- MORTAR SHALL COMPLY WITH ASTM C 270, TYPE S, UNLESS GREATER STRENGTH IS SPECIFIED ELSEWHERE.
- CONCRETE GROUT, NOT MORTAR, SHALL BE USED AT CELLS AND BOND BEAMS CONTAINING REINFORCING BARS. DO NOT FILL CELLS NOT CONTAINING REINFORCING BARS, EXCEPT BELOW GRADE, UNLESS SO INDICATED.
- UNLESS CLOSER SPACING IS SHOWN, MAXIMUM CONTROL JOINT SPACING SHALL BE 48'-0", 22'-0" FROM CORNERS, COORDINATE WITH ARCHITECTURAL. ALL HORIZONTAL REINFORCING SHALL BE DISCONTINUOUS AT WALL CONTROL JOINTS. VERTICAL WALL CONTROL JOINTS SHALL BE LOCATED AT EACH FLOOR JOINT, MINIMUM.
- LOAD BEARING MASONRY WALLS SHALL BE LATERALLY BRACED UNTIL ALL ROOF DECK IS IN PLACE.
- AT ALL NON-LOAD BEARING MASONRY WALLS (INTERIOR AND EXTERIOR), PROVIDE A 3/4" CAULKED JOINT BETWEEN UNDERSIDE OF BEAM, JOIST, DECK, OR STRUCTURE AND TOP OF MASONRY WALL.
- PROVIDE MASONRY HORIZONTAL JOINT REINFORCEMENT 16" O.C. VERTICAL IN ALL CONCRETE BLOCK WALLS. REINFORCEMENT SHALL BE FOR TOTAL WIDTH OF CAVITY WALLS.

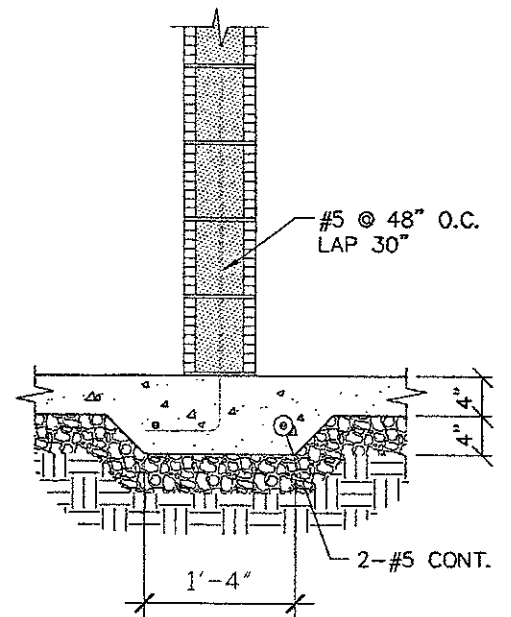
LINTEL SCHEDULE

- FOR EACH 4" WALL THICKNESS, THE FOLLOWING ITEMS MUST BE USED:
- BLOCK (CONCRETE FILLED LINTEL BLOCK)
 - SPANS UNDER 3'-6" 8" DEEP 1 #5 BOTTOM
 - 3'-6" - 5'-0" 8" DEEP 1 #6 BOTTOM
 - 5'-0" - 6'-0" 16" DEEP 1 #6 BOTTOM
 - 6'-0" - 8'-0" 16" DEEP 1 #7 TOP
 - 16" DEEP 1 #5 TOP

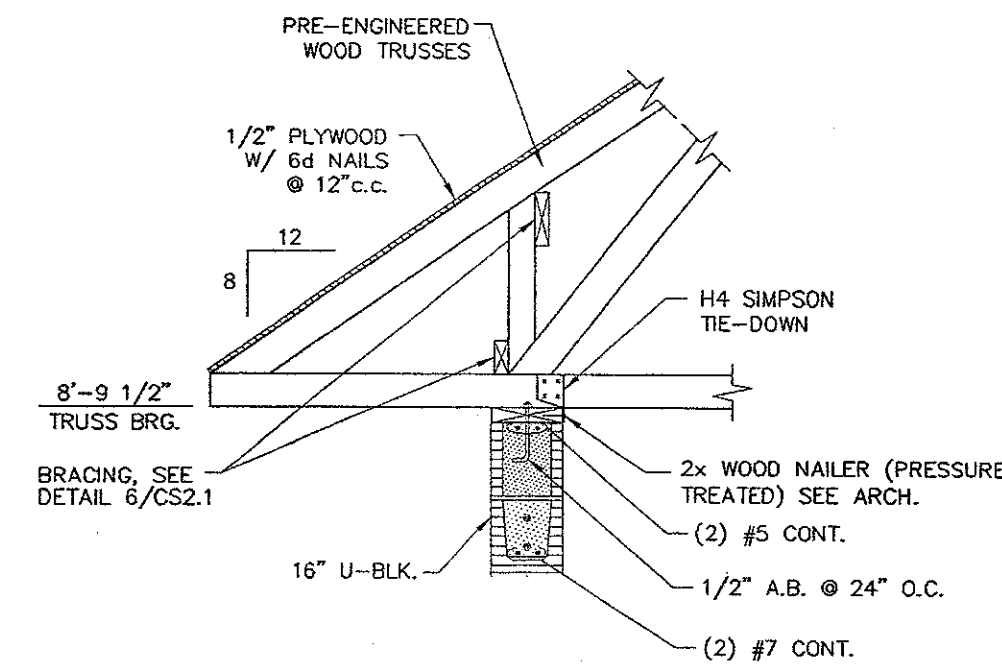
- NOTE: BEAR ALL LINTELS A MIN. OF 8" EACH END.
- NOTE: WHERE MULTIPLE OPENINGS OCCUR, AND THE INTERMEDIATE MASONRY SUPPORT IS LESS THAN 2'-0", THEN LINTEL ANGLE SELECTED SHALL BE CAPABLE TO SPAN ALL OPENINGS. WHERE OPENINGS EXCEED 9'-0", MASONRY SHOULD BE SUSPENDED FROM FLOOR OR ROOF.



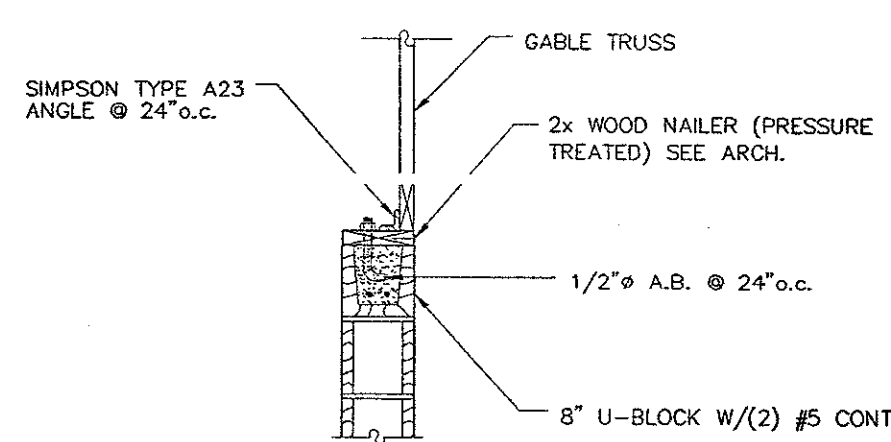
1 SECTION
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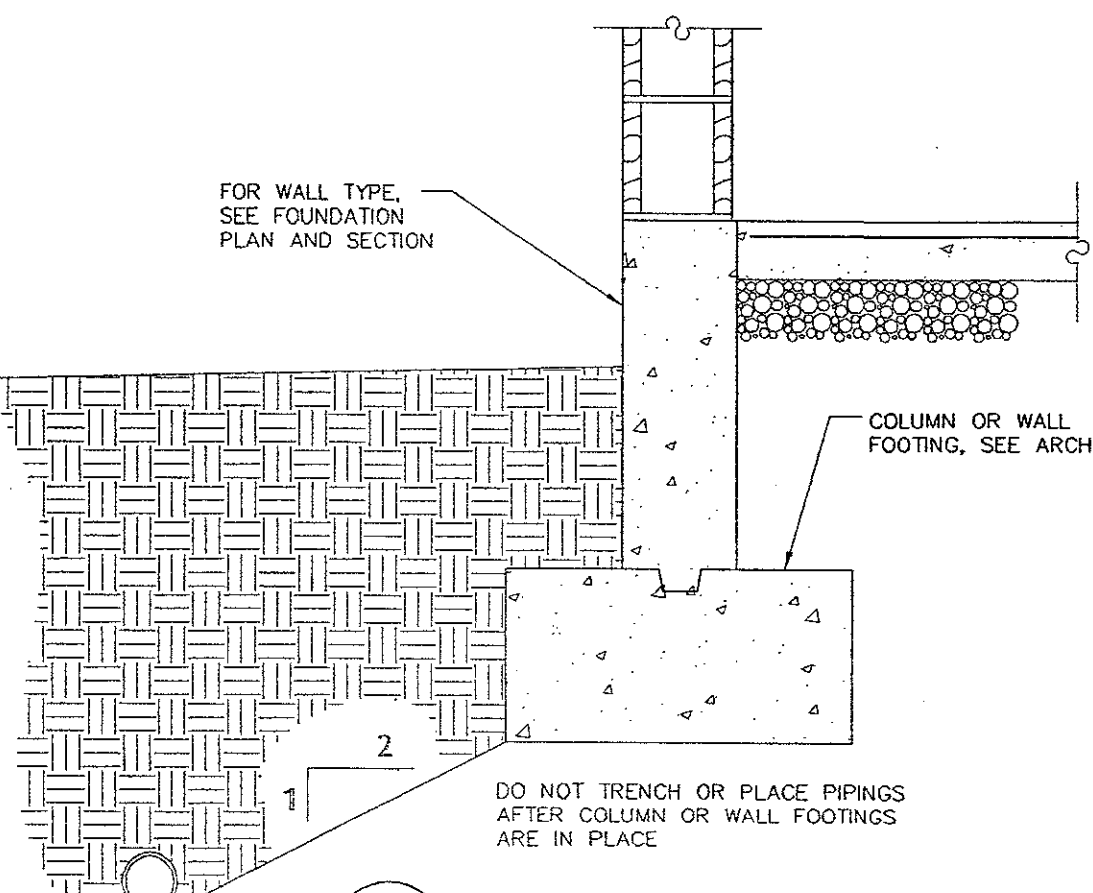
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SCALE: 3/4"=1'-0"



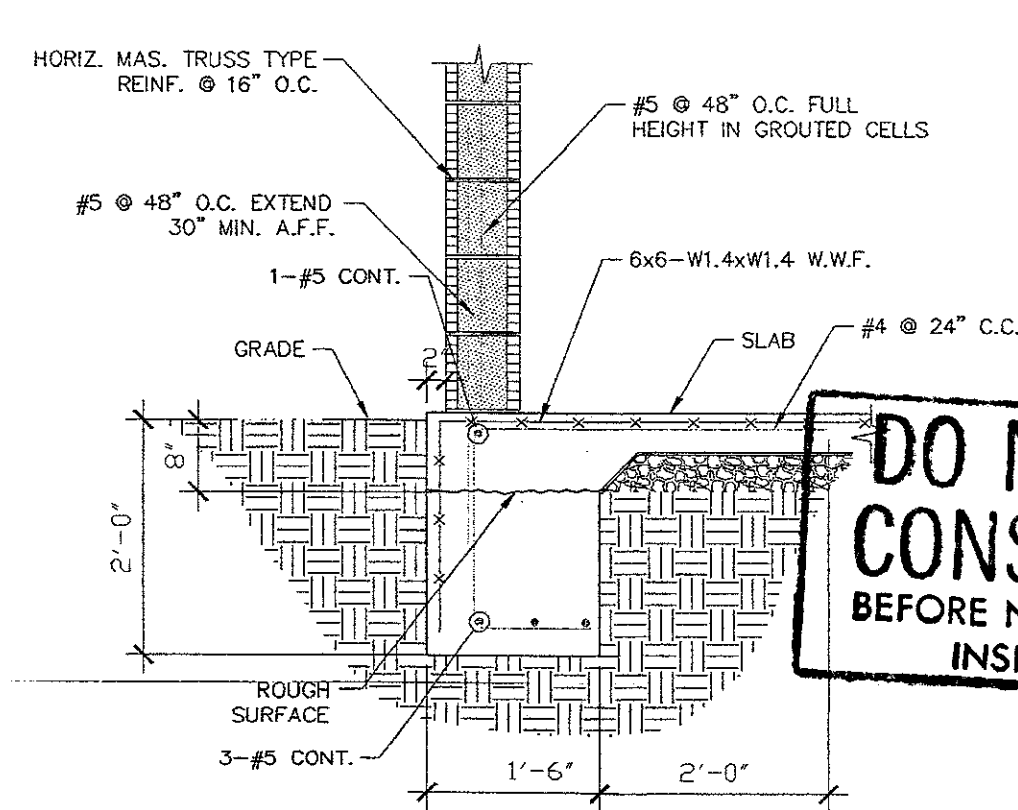
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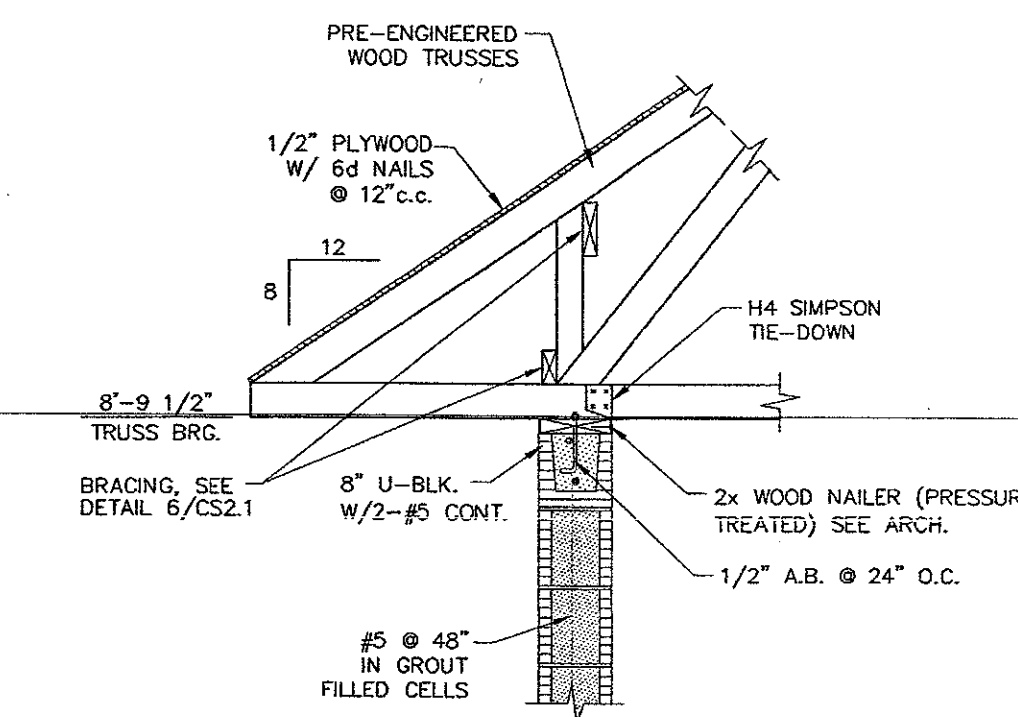
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SCALE: 3/4"=1'-0"



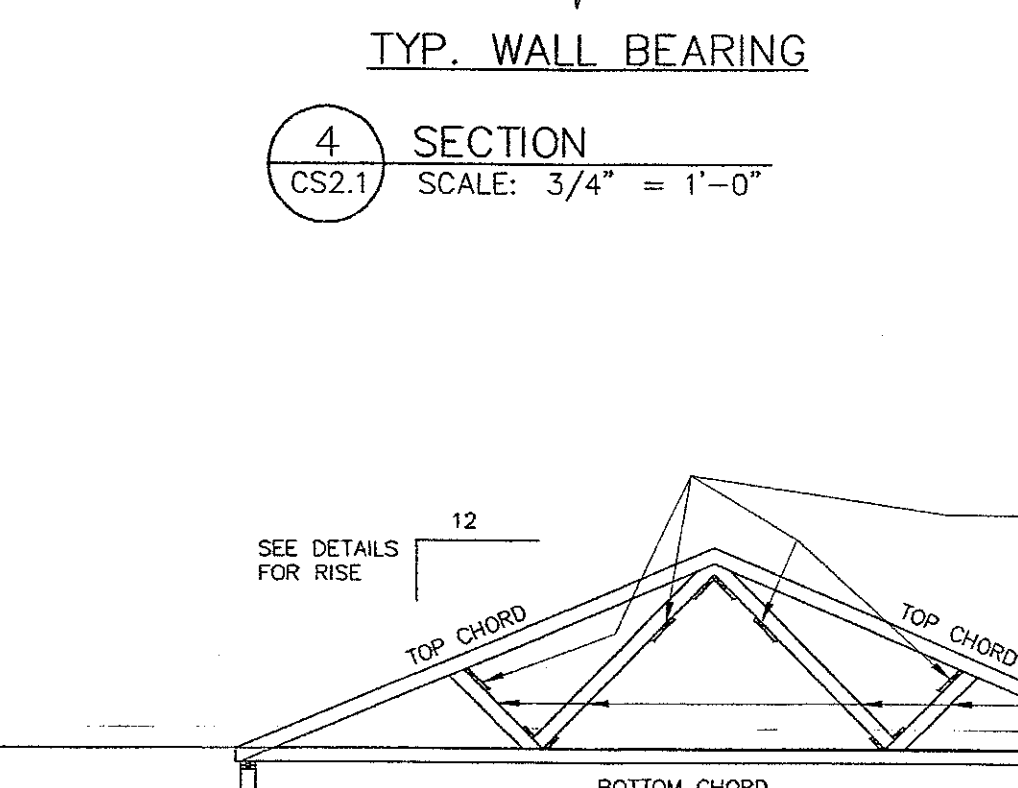
8 TRENCHES NEAR FOOTINGS
SCALE: N.T.S.



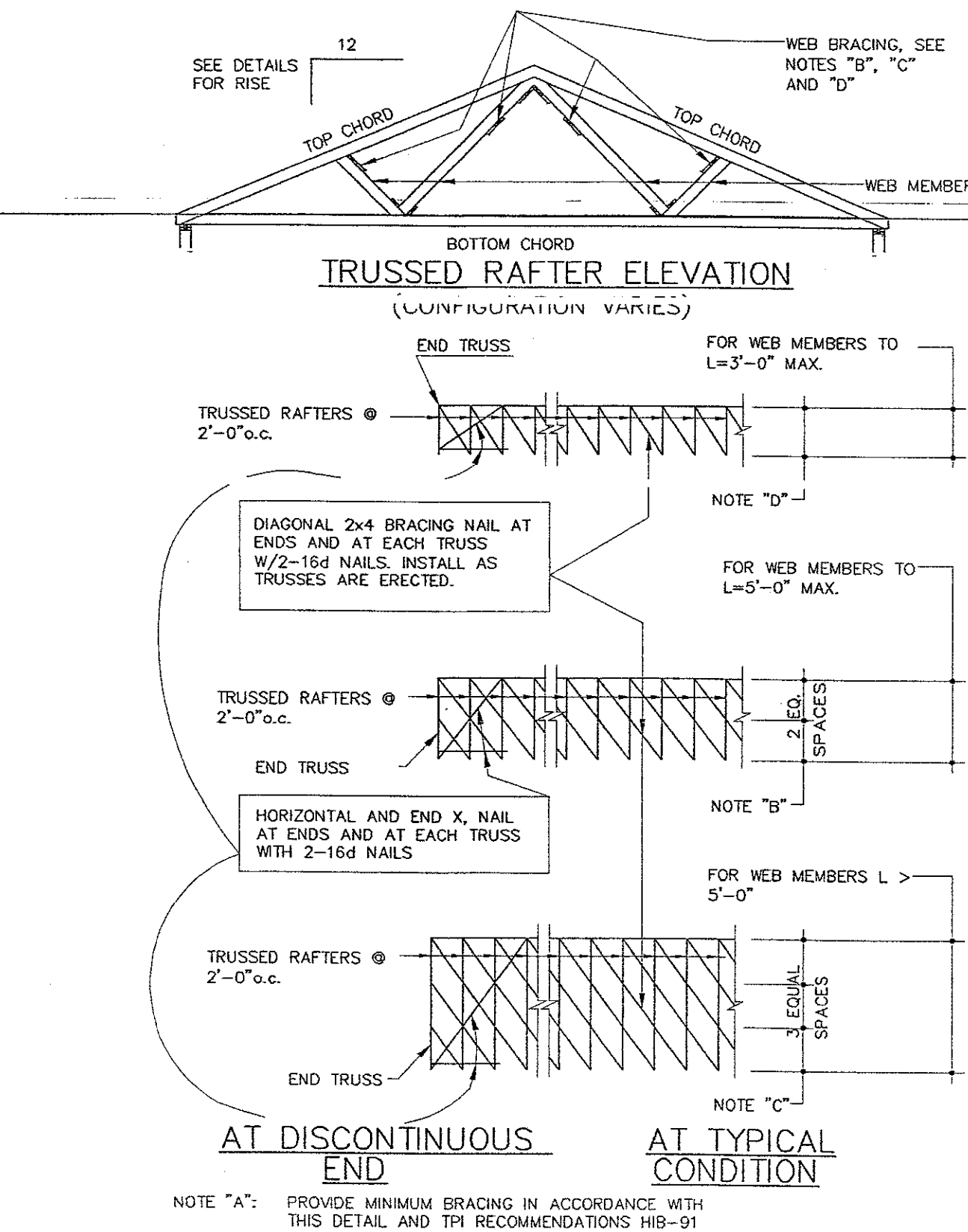
2 SECTION
SCALE: 3/4"=1'-0"



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



6 TYPICAL WALL BEARING



6 TYPICAL DETAIL
SCALE: N.T.S.

REVISIONS
No. DATE DESCRIPTION

RELEASE STATUS
● PROGRESS PRINT
● PERMIT RELEASE
○ BID RELEASE
○ CONSTRUCTION RELEASE
○ RELEASE DATE

SCALE:
AS SHOWN
DATE:
03-04-04
PROJECT NUMBER:
23141
DRAWING TITLE:
FOUNDATION, ROOF FRAMING PLAN, SECTIONS

04R032

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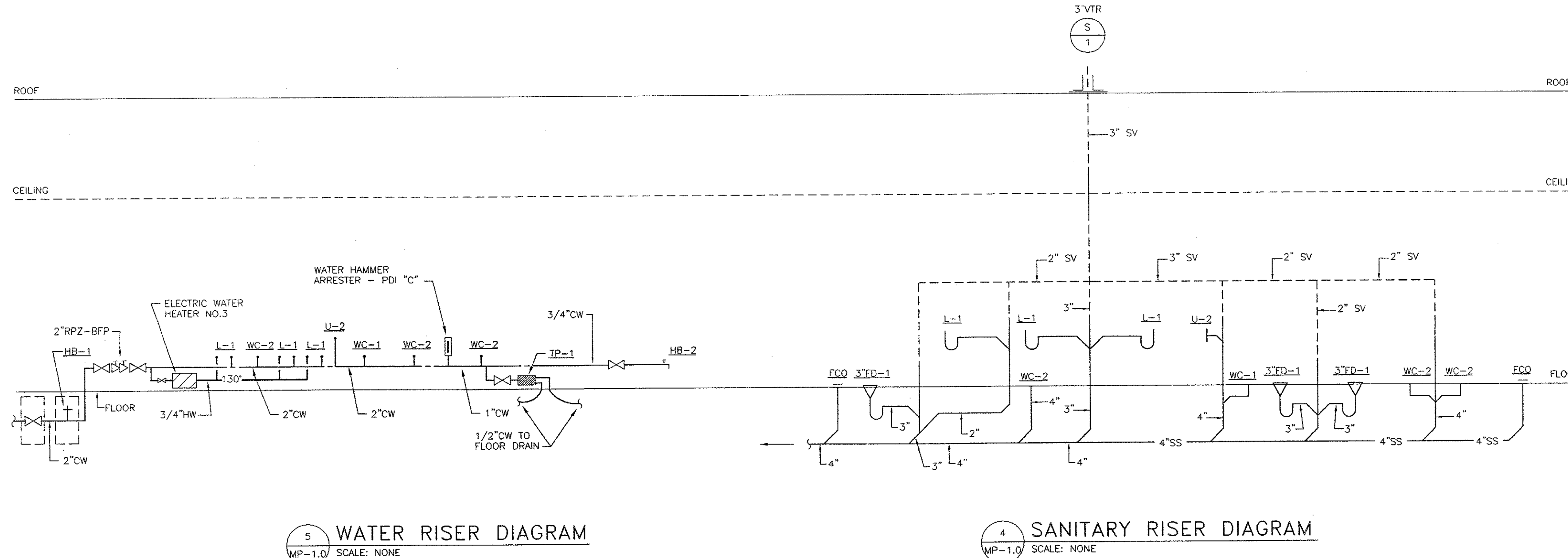
PROJECT TITLE: CHILDREN'S ADVENTURE GARDEN AT BROOK RUN PARK 4770 N. PEACHTREE RD DUNWOODY, GA 30338

PREPARED FOR: DEKALB COUNTY PARKS AND RECREATION 3681 Chestnut Street Scottsdale, GA 30079

04R032

S-1.0
34 OF 36 SHEETS

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PLUMBING FIXTURE SPECIFICATIONS

WC-1 Water Closet - Floor Mounted - F.V. Type - Regular - 15" Rim Height - 1.12 Gallon
Fixture: 2234.015 Modera Aquometer elongated siphon jet bowl with 1 1/2" top spud (25 psi).
Flush Valve: 111-YB/YK Sloan Royal flush valve with sweat solder adapter & ring brace.
Miscellaneous: Bolt caps.
Seat: Church seat, white mottex open front less cover & stainless steel check hinge.
Fixture: 2305.100 Elongated Modera ADA EL 1.6 siphon jet vitreous china bowl with 1-1/2" top spud (25 psi).
Flush Valve: 111-YB/YK Sloan Royal flush valve with J-212-A solid ring brace with sweat solder adapter.
Seat: 95 Olsonite seat, heavy duty solid plastic open front seat with stainless steel check hinge, white (#9500-C).
Bolt Caps: (2) Bolt caps with retainers.
U-2 Urinal - Wall Hung - Handcap.
Fixture: 6541.132 Allbrook wall hung urinal siphon jet type, 1-1/4" top spud, 2" threaded outlet connection.
Flush Valve: 186-1-YB/YK Sloan Royal flush valve with sweat adapter & ring brace.
Carrier: Floor Support Josam, Ancon, Wade, Zurn or J. R. Smith (rectangular tube type).
LAV-1 Lavatory - Wall Hung - Handcap - Offset Drain.
Fixture: 0355.012 Lucerne lavatory, wall hung with 4-1/2" backplash, concealed arm supports, 4" center set punching, 20" x 18" vitreous china.
Fitting: 5-20-2-LP-0 Symmons single lever loop handle faucet (0.5 GPM) with temperature limit stop (set at 105°).
Drain: 7723.018 Grid drain assembly for wheelchair lavatory with 2341.030 offset tailpiece.
Supply: 1/2" supply to wall wheel handle stops & flexible risers.
Trap: Chrome-plated cast brass 1-1/4" P-trap, insulate with Truebro, grey insulation.
Carrier: Floor Support Josam, Ancon, Wade, Zurn or J. R. Smith (rectangular tube type).

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE	WASTE	O.W.	H.W.
WC-1	WATER CLOSET (M.C.) F.V.	4"	1"	-
WC-2	WATER CLOSET (M.C.) H.C.	4"	1"	-
U-2	URINAL (R.U.) H.C.	2"	1"	-
L-1	LAVATORY (LAV.) H.C.	1-1/4"	1/2"	1/2"

ELECTRIC WATER HEATER SCHEDULE

MAKE & MODEL NO.	QUAN.	TANK CAP./ GAL.	TOTAL KW	RECOVERY CPH @ 100°F	OUTLET TEMP. (°F)	REMARKS
N03 - EDHAM EX60	1	-	6.0	-	120	271/60

ELECTRIC HEATER SCHEDULE

TAG	SERVICE	CFM	CAPACITY	MOUNTING	BASIS OF DESIGN	NOTES
EH-C1	CEILING	285	2 KW	FLUSH WITH CEILING	Q-MARK CDF-542	① ② ③
EH-C2	CEILING	285	2 KW	FLUSH WITH CEILING	Q-MARK CDF-542	① ② ③
EH-C3	CEILING	285	2 KW	FLUSH WITH CEILING	Q-MARK CDF-542	① ② ③
EH-C4	CEILING	285	2 KW	FLUSH WITH CEILING	Q-MARK CDF-542	① ② ③ ④

NOTES:
① PROVIDE REMOTE ADJUSTABLE THERMOSTAT. ② MOUNT 1'-0" ABOVE FINISHED FLOOR.
③ MANUFACTURER PROVIDE DISCONNECT. ④ PROVIDE INTERNAL ADJUSTABLE THERMOSTAT SET AT 65°F.
⑤ REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL DATA.

GRILLES, REGISTERS AND DIFFUSERS

TAG	DESCRIPTION	SIZE	BASIS OF DESIGN	DAMPER	NOTES
EG	EXHAUST GRILLE	SIZE AS NOTED	TITUS 555FL	NONE	① ② ③

NOTES:
① PROVIDE BORDER FRAME
② PROVIDE FLANGE FOR SURFACE MOUNTING
③ ALL ALUMINUM CONSTRUCTION

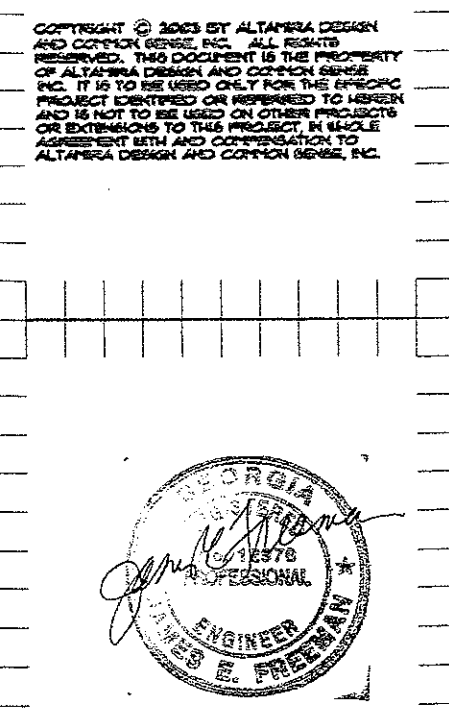
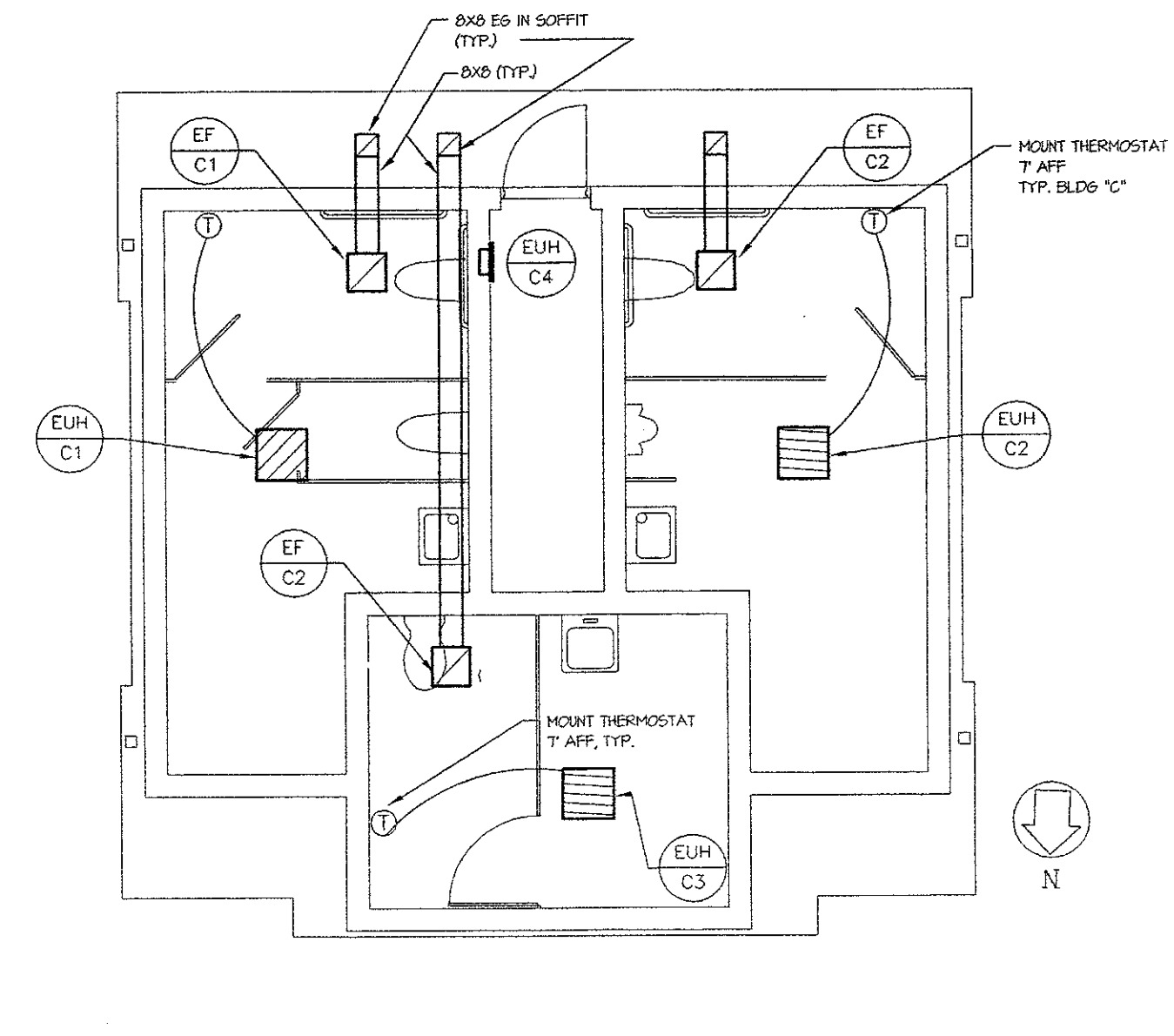
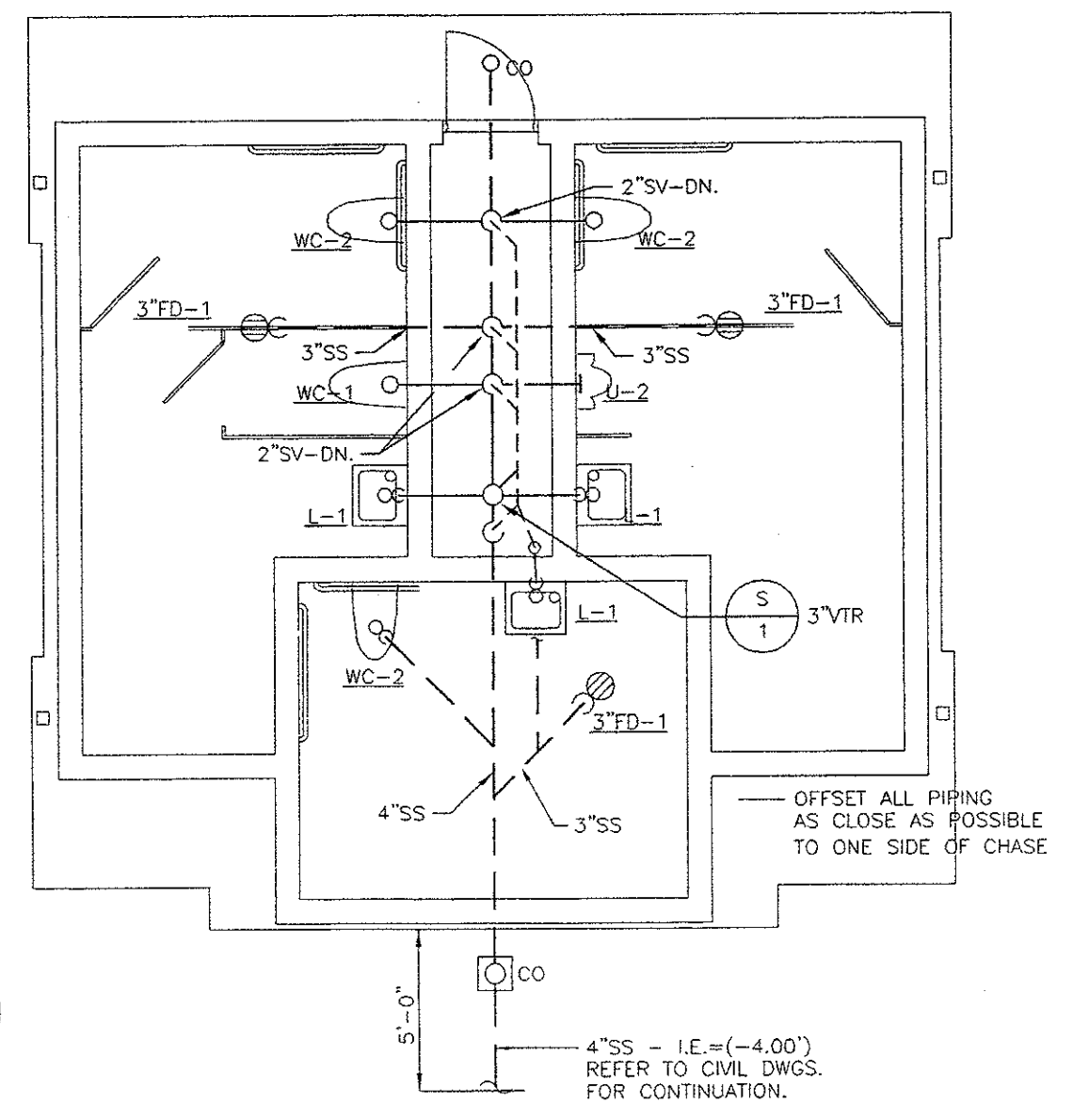
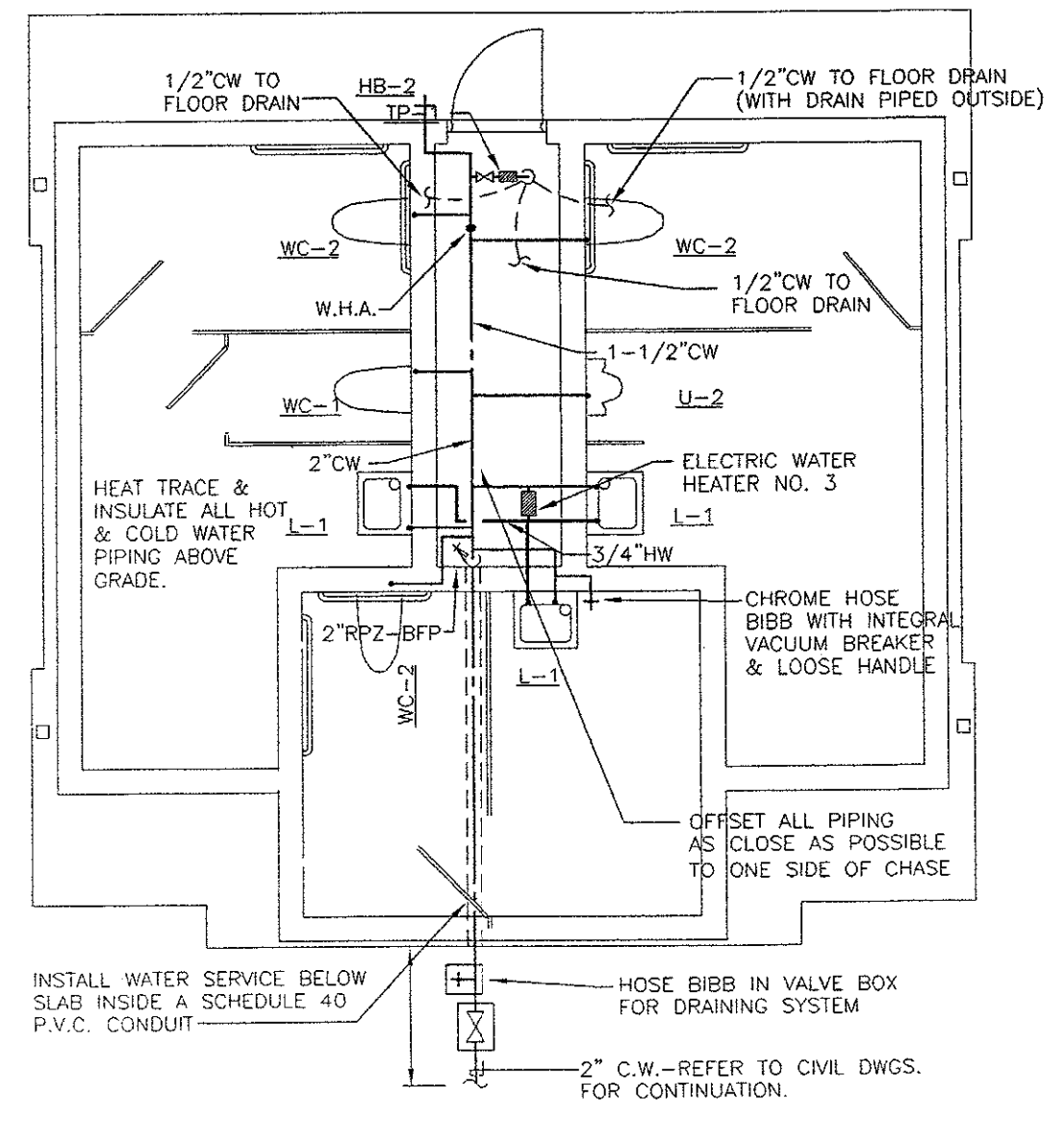
FAN SCHEDULE

UNIT NO.	TYPE	AREA SERVED	TOTAL EXHAUST CFM	ESP In. w.g.	MOTOR WATTS	RPM	DRIVE	BASIS OF DESIGN	SONES	ELECTRICAL VOLTS	#	NOTES
EF-C1	CEILING	KITCHEN	175	0.250	11 W	1250	DIRECT	FENW 225	2.4	120	1	① ② ③ ④
EF-C2	CEILING	MEN	175	0.250	11 W	1250	DIRECT	FENW 225	2.4	120	1	① ② ③ ④
EF-C3	CEILING	FAMILY	100	0.250	125 W	1200	DIRECT	FENW 225	3.0	120	1	① ② ③ ④

NOTES:
① SEE ELECTRICAL DRAWINGS FOR ELECTRICAL DATA AND VOLTAGE REQUIREMENTS.
② COORDINATE VOLTAGE WITH DESIGNER.
③ MANUFACTURER PROVIDED DISCONNECT AND BACKDRAFT DAMPER.
④ MANUFACTURER PROVIDED SPEED CONTROLLER.
⑤ INTERLOCK FAN TO OPERATE WITH LIGHTS.

PLUMBING NOTES

- NO JOINTS ALLOWED IN COPPER PIPE UNDER FLOOR SLAB ON GRADE-INSTALL PIPING IN SCHEDULE 40 P.V.C. CONDUIT.
- ANCHOR EXPOSED VERTICAL WATER PIPES TO WALLS WITH HOT-DIPPED GALVANIZED UN-STRUT CHANNELS AND CUSHIONED SHOULDER BOLT CLAMP.
- INSTALL A P.R.V. "UPSTREAM" FROM THE WATER SERVICE BACKFLOW PREVENTER IF THE STREET PRESSURE EXCEEDS ITS P.S.I.
- VERIFY INVERT OF EXISTING SEWER BEFORE STARTING WORK.
- SHOCK ABSORBER SHALL BE PISTON TYPE AS MADE BY PRECISION PLUMBING PRODUCTS (P.P.P.) OR APPROVED EQUAL.
- THE DRAWINGS ARE GENERALLY INDICATIVE OF THE WORK TO BE INSTALLED AND DO NOT INDICATE ALL OFFSETS, FITTINGS AND SIMILAR DETAILS WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL CAREFULLY INVESTIGATE THE STRUCTURAL AND FINISH CONDITIONS AFFECTING ALL WORK AND ARRANGE ALL HIS WORK ACCORDINGLY, FINISHING SUCH OFFSETS, FITTINGS, VALVES AND OTHER SIMILAR DETAILS AS MAY BE REQUIRED TO MEET SUCH OFFSETS.
- CONTRACTOR SHALL BE RESPONSIBLE UNDER THIS SPECIFICATION FOR THE PROPER COORDINATION OF ALL WORK WITH THE RELATED WORK OF OTHER TRADES, CRAFTS, CONTRACTORS, SUB-CONTRACTORS, ETC. EMPLOYED ON THE PROJECT TO INSURE A COMPLETE NEAT AND WORKMANLIKE INSTALLATION.
- THOROUGHLY READ SPECIFICATIONS BEFORE STARTING WORK OR ORDERING MATERIALS.
- FLOOR DRAINS SHALL HAVE DEEP SEAL P-TRAPS.
- INSTALL A 12 ga. TRACER CABLE IN TRENCH (ABOVE) PLASTIC PIPING.
- VERIFY LOCATIONS & SIZES OF EXISTING UTILITIES BEFORE COMMENCING WORK.
- INSTALL ALL CONTROL WIRING.
- OFFSET ROOF VENTS TO BE 10 FT. (MIN) FROM FRESH AIR INTAKES (OF ROOF TOP UNITS, EQUIPMENT, DUCTWORK, WINDOWS, DOORS, ETC.).
- DO NOT INSTALL WATER PIPING IN EXTERIOR WALLS, WHERE ABSOLUTELY UNAVOIDABLE, INSTALL ON "WARM" SIDE OF EXTERIOR WALL INSULATION AND INSULATE PIPE WITH 1" THICK INSULATION.
- REFER TO ARCHITECTURAL DRAWINGS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR PLUMBING FIXTURES MOUNTING HEIGHTS.
- PIPE RELIEF DRAIN FROM REDUCED PRESSURE ZONE BACKFLOW PREVENTER THROUGH AN AIR GAP FITTING (SAME MANUFACTURER AS B.F.P.) TO OUTSIDE.
- INSTALL WATER CLOSET FLUSH VALVE HANDLES ON THE SIDE OF THE FIXTURE OPPOSITE THE TOILET STALL DOOR HINGE.
- HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES PER RULE (20-3-20-304) OF THE GEORGIA ACCESSIBILITY CODE.



ALTAMIRA
DESIGN AND COMMON SENSE, INC.
Land Planning • Landscape Architecture • Urban Design
591 N. Highland Avenue, NE Atlanta, Georgia 30307 404-888-1454

PROJECT TITLE: **WADE WALKER PARK - PHASE ONE**
5685 Rockbridge Road
Stone Mountain, GA 30088

PREPARED FOR: **DEKALB COUNTY PARKS AND RECREATION**
3681 Chestnut Street
Scottdale, GA 30079

REVISIONS

NO.	DATE	DESCRIPTION

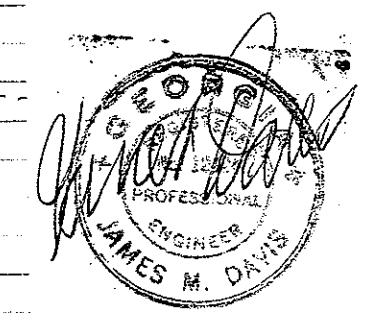
RELEASE STATUS:
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 PERMIT RELEASE
 BID RELEASE
 CONSTRUCTION RELEASE
 RELEASE DATE

SCALE: AS SHOWN
 DATE: 04-28-04
 PROJECT NUMBER: 23143
 DRAWING TITLE: HVAC AND PLUMBING PLAN

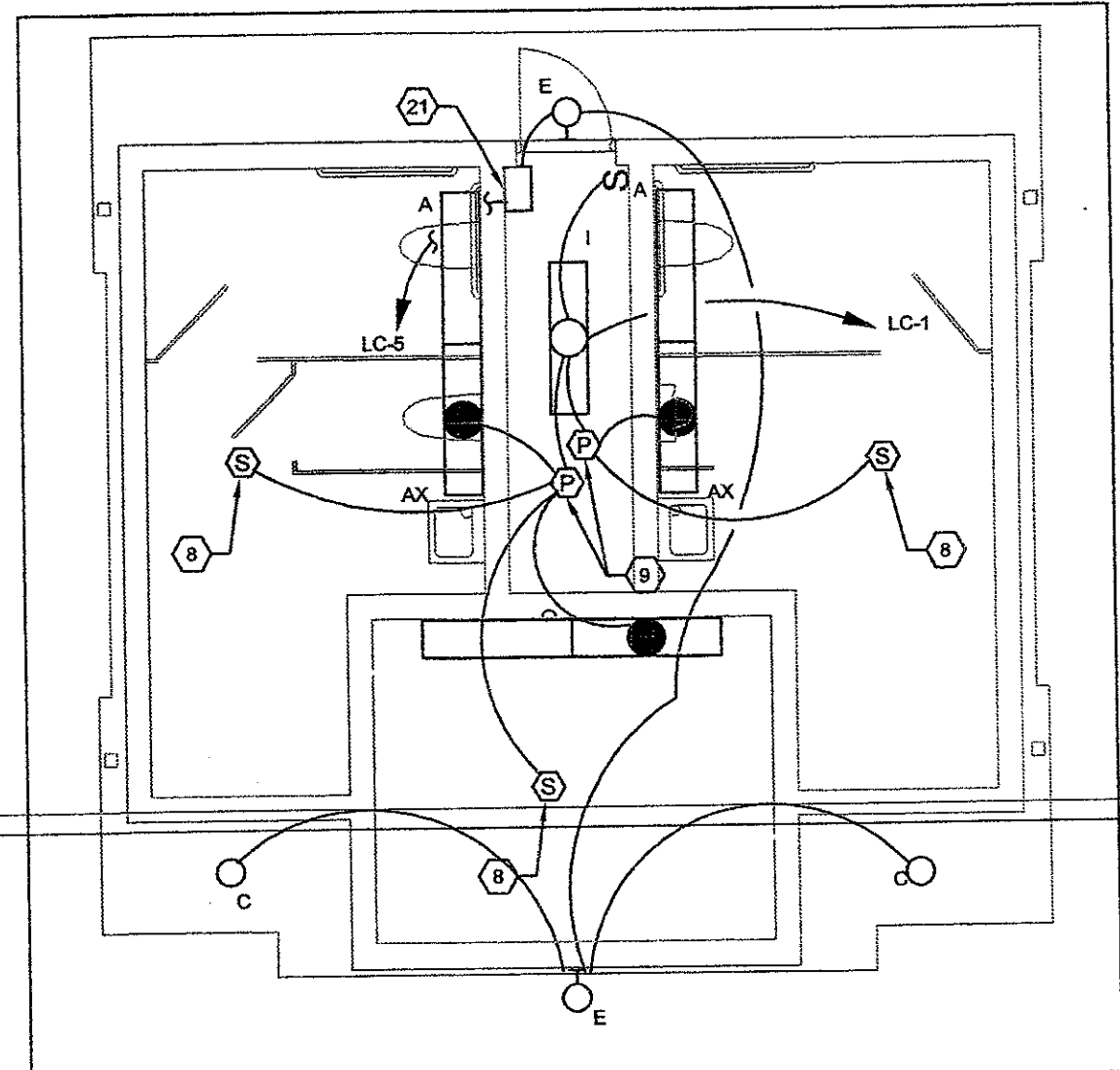
TOLSON, SIMPSON & ASSOCIATES
CONSULTING ENGINEERS, INC.
6025 CORNERS PKY, SUITE 217
NORCROSS, GEORGIA 30092

DO NOT BEGIN CONSTRUCTION
BEFORE NOTIFYING DEKALB CO.
INSPECTIONS-TEL. 371-2117

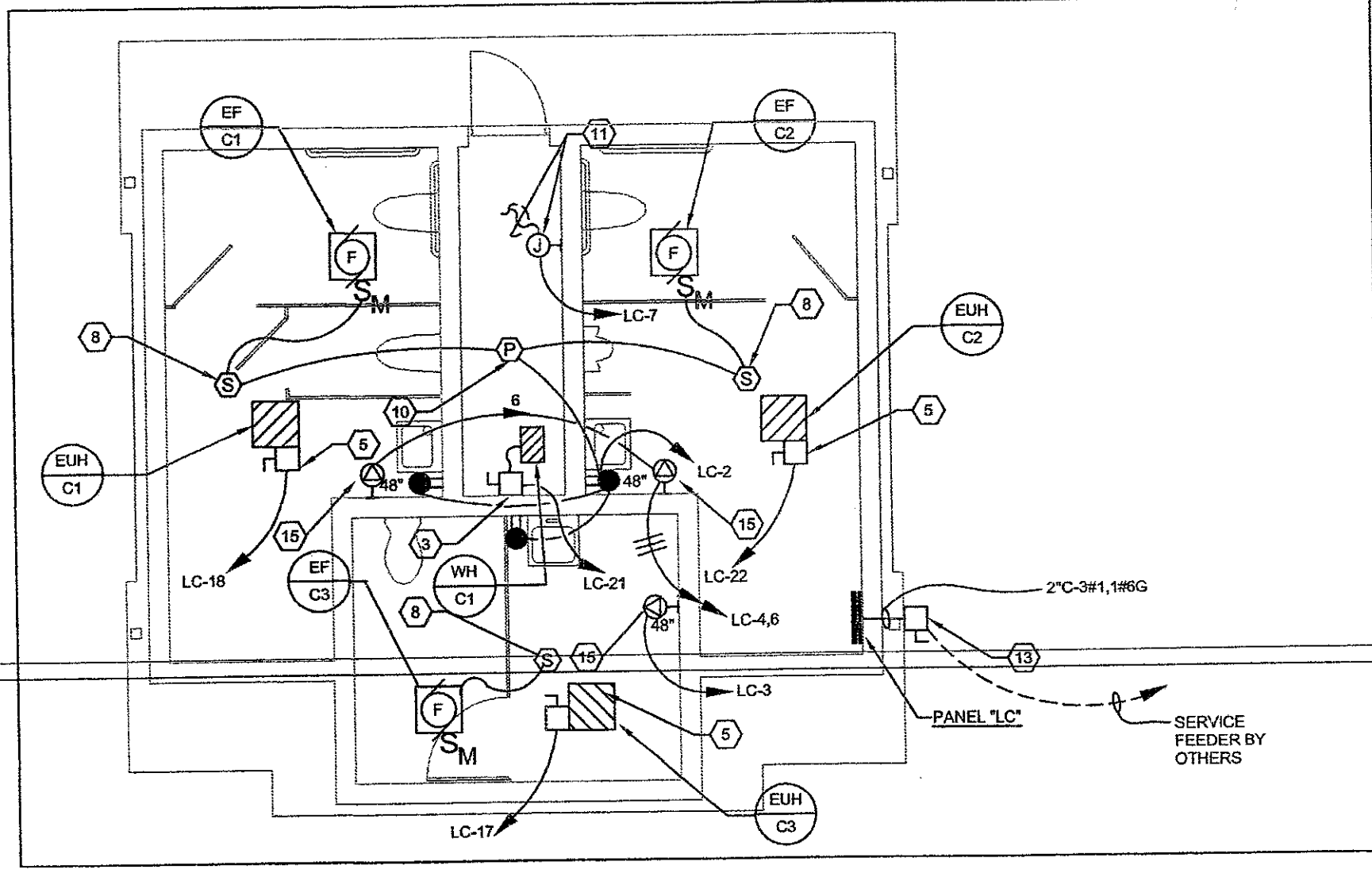
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891 N. Highland Avenue, SE Atlanta, Georgia 30307 404-886-4454



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



2 POWER PLAN
SCALE: 1/4"=1'-0"

- ELECTRICAL LEGEND NOTES**
- 3 30 AMPERE, 2 POLE, 240 VOLT DISCONNECT SWITCH FOR WATER HEATER. EXTEND FROM DISCONNECT SWITCH TO HEATER WITH WIRE IN SEALTITE FLEXIBLE CONDUIT AND MAKE CONNECTION.
 - 5 30 AMPERE, 2 POLE, 240 VOLT DISCONNECT SWITCH.
 - 8 LIGHTOLIER CEILING SENSOR NO. 06-C.
 - 11 JUNCTION BOX FOR HEAT TAPE POWER. MAKE CONNECTION TO HEAT TAPE.
 - 15 200 AMPERE, 2 POLE, 240 VOLT WEATHERPROOF DISCONNECT SWITCH. W/125A FUSES.
 - 19 JUNCTION BOX FLUSH IN WALL FOR ELECTRIC HAND DRYER. COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECT PRIOR TO INSTALLING OUTLET BOX. CONTRACTOR SHALL INSTALL DRYER FURNISHED BY OTHERS.
 - 27 TORK # D25200. RESERVE POWER ASTRONOMICAL CHANNEL TO CONTROL LIGHTS

PANEL LC-LOADS

LIGHTING	1KW
RECEPTACLE	0.6
FANS	2
HEATER	17
TOTAL	18.8KW

PANEL LC-SCHEDULE

125 MLO - 120/240V - 10 - 3W
10 - 20A - 1P - 1 - 10
4 - 20A - 2P - 17, 18, 19, 21
12 - 1P SPACES

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SCALE:
AS SHOWN
 DATE: 04-23-04
 PROJECT NUMBER: 23143
 DRAWING TITLE: ELECTRICAL

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