

ESCUELA POPULAR
NEW PARKING LOT

149 NORTH WHITE ROAD, SAN JOSE, CA. 95127

DSA SUBMITTAL

DSA FILE NUMBER 43-EPDP
DSA APPLICATION NUMBER 01-116369
PTN 69427-167

PROJECT
ESCUELA POPULAR
NEW PARKING LOT

CONSULTANT

STAMP



STATE

DSA FILE NUMBER 43-EPDP
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPL # 01-116369
ACD # 25840 - SS -
DATE 04/26/2017

REVISIONS
No. Description Date

MILESTONES
SD
DD
25% CD
50% CD
75% CD
DSA SUB

SHEET

TITLE SHEET

* These drawings, and/or specifications, and/or calculations for the items listed above have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. It has been examined by me for:
1. design intent and appears to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me.
2. coordination with my plans and specifications and is acceptable for incorporation into the construction of this project.

The Statement of General Conformance *shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code and Sections 4-336, 4-341 and 4-344" of Title 24, Part 1. (Title 24, Part 1, Section 4-336.1)

ARCHITECT - JOHN DIFFENDERFER
DATE - 04/25/2017
JOB # 2014037.01
SHEET # T1
CALIFORNIA LICENSE NUMBER C-25840
EXPIRATION DATE 07/31/2017

ABBREVIATIONS

Table of abbreviations and their corresponding full names, including terms like AND, ANCHOR BOLT, ABOVE, ASPHALTIC CONCRETE, ACT, ADJUSTABLE, etc.

BOARD OF TRUSTEES

REBECA BURCIAGA
BERNARD GIFFORD
DOLORES HUBERTA
SAN JUANA OCHOA
EZEQUIEL OLIVERA
LORI RAMOS EHRLICH
PABLO REGUERIN

CONSULTANTS

CIVIL
CARROLL ENGINEERING
1101 S. WINCHESTER BLVD, SUITE H-184
SAN JOSE, CA 95128
(408) 261-9800

LANDSCAPE
ANLA ASSOCIATES
913 WILLOW STREET, SUITE 101
SAN JOSE, CA 95125
(408) 292-2196

MEP
SALAS O'BRIEN, INC.
305 SOUTH 11TH STREET
SAN JOSE, CA 95112
(408) 282-1500

MODULAR
AMERICAN MODULAR SYSTEMS
787 SPRECKELS AVE.
MANTENCA, CA 95336
(209) 825-1921

APPLICABLE CODES

- 1 2013 BUILDING STANDARDS ADMINISTRATION CODE (PART 1, TITLE 24, CCR)
2 2013 CALIFORNIA BUILDING CODE (PART 2, VOLUMES 1 AND 2, TITLE 24, CCR)
3 2013 CALIFORNIA ELECTRICAL CODE (PART 3, TITLE 24, CCR)
4 2013 CALIFORNIA MECHANICAL CODE (PART 4, TITLE 24, CCR)
5 2013 CALIFORNIA PLUMBING CODE (PART 5, TITLE 24, CCR)
6 2013 CALIFORNIA ENERGY CODE (PART 6, TITLE 24, CCR)
7 2013 CALIFORNIA FIRE CODE (PART 9, TITLE 24, CCR)
8 2013 CALIFORNIA BUILDING STANDARDS CODE (PART 11, TITLE 24, CCR)
9 2013 CALIFORNIA REFERENCED STANDARDS CODE (PART 12, TITLE 24, CCR)
10 TITLE 19, CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

REFERENCE STANDARDS

PARTIAL LIST OF APPLICABLE STANDARDS (AS REFERENCED IN 2013 CBC - CHAPTER 35 & CFC):

Table listing various standards such as ADA STANDARDS FOR ACCESSIBLE DESIGN, ASME 17.1, NFPA 13, NFPA 14, NFPA 17, NFPA 17-A, NFPA 20, NFPA 22, NFPA 24, NFPA 72, NFPA 80, NFPA 110, NFPA 253, NFPA 2501, ICC 300.

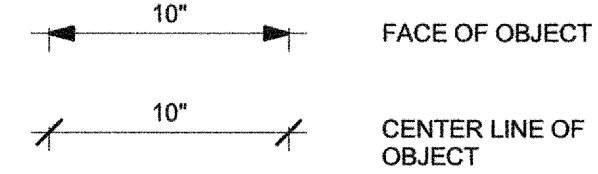
ADMINISTRATIVE REQUIREMENTS

- 1 A COPY OF PART 1 AND 2 CCR SHALL BE KEPT ON SITE AT ALL TIMES.
2 ALL CONSTRUCTION CHANGE DOCUMENTS AND ADDENDA TO BE SIGNED BY THE ARCHITECT, THE OWNER, AND APPROVED BY DSA. CONSTRUCTION CHANGE DOCUMENTS ARE NOT VALID UNTIL APPROVED BY DSA PER SECTION 4-336.
3 ALL TESTS TO CONFORM TO THE REQUIREMENTS OF SECTION 4-335.
4 TESTS OF MATERIALS AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335.
5 DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO PLACEMENT OF CONCRETE PER SECTION 4-331.
6 INSPECTOR SHALL BE APPROVED BY DSA. INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-333(b).
7 APPROVED BY DSA PER SECTION 4-336.
8 SUPERVISION OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH 4-334.
9 CONTRACTOR, INSPECTOR, ARCHITECT, AND ENGINEERS SHALL SUBMIT VERIFIED REPORTS (FORM B) IN ACCORDANCE WITH SECTION 4-336 AND 4-343.
10 THE ARCHITECT AND THE STRUCTURAL ENGINEERS SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTIONS 4-336(b) AND 4-341.
11 THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH SECTION 4-343.
12 THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS THE RECONSTRUCTION OF A SCHOOL BUILDING(S) IN ACCORDANCE WITH TITLE 24, C.C.R. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH SAID C.C.R. A CONSTRUCTION CHANGE DOCUMENT DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. DSA IS NOT SUBJECT TO ARBITRATION.

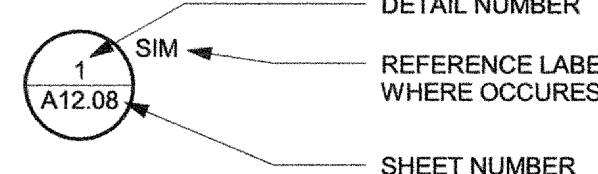
SYMBOL LEGEND

REFER TO ARCHITECTURAL FLOOR PLAN SHEETS AND CONSULTANT DRAWINGS FOR ADDITIONAL SYMBOLS AND REFERENCE DESIGNATIONS

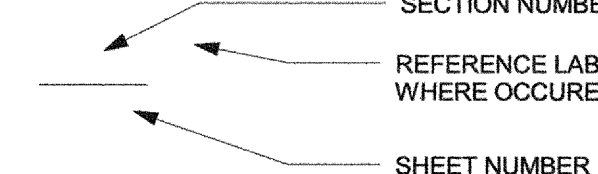
DIMENSION REFERENCE



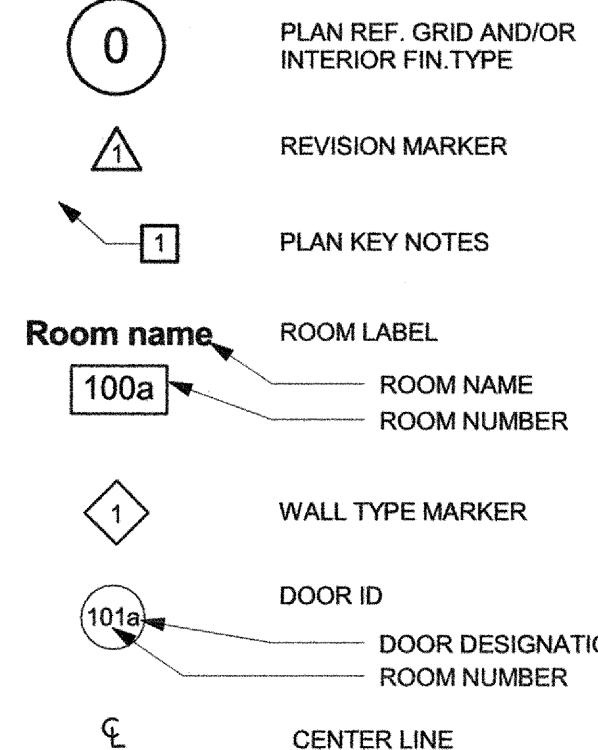
DETAIL REFERENCE



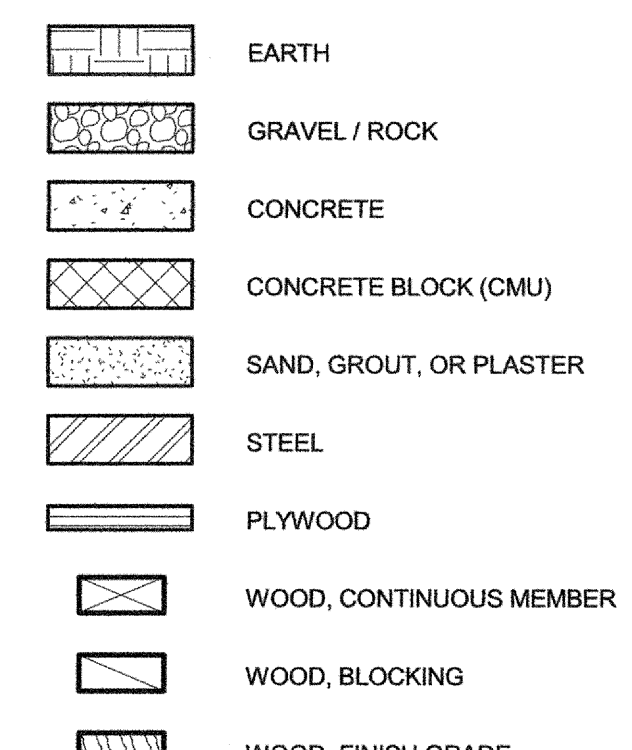
SECTION REFERENCE



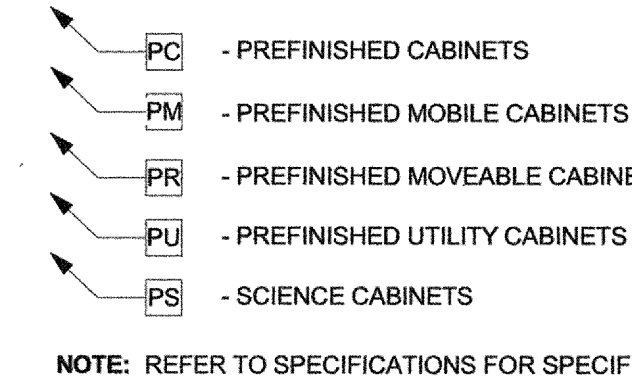
TAGS AND MARKERS



MATERIALS REFERENCE



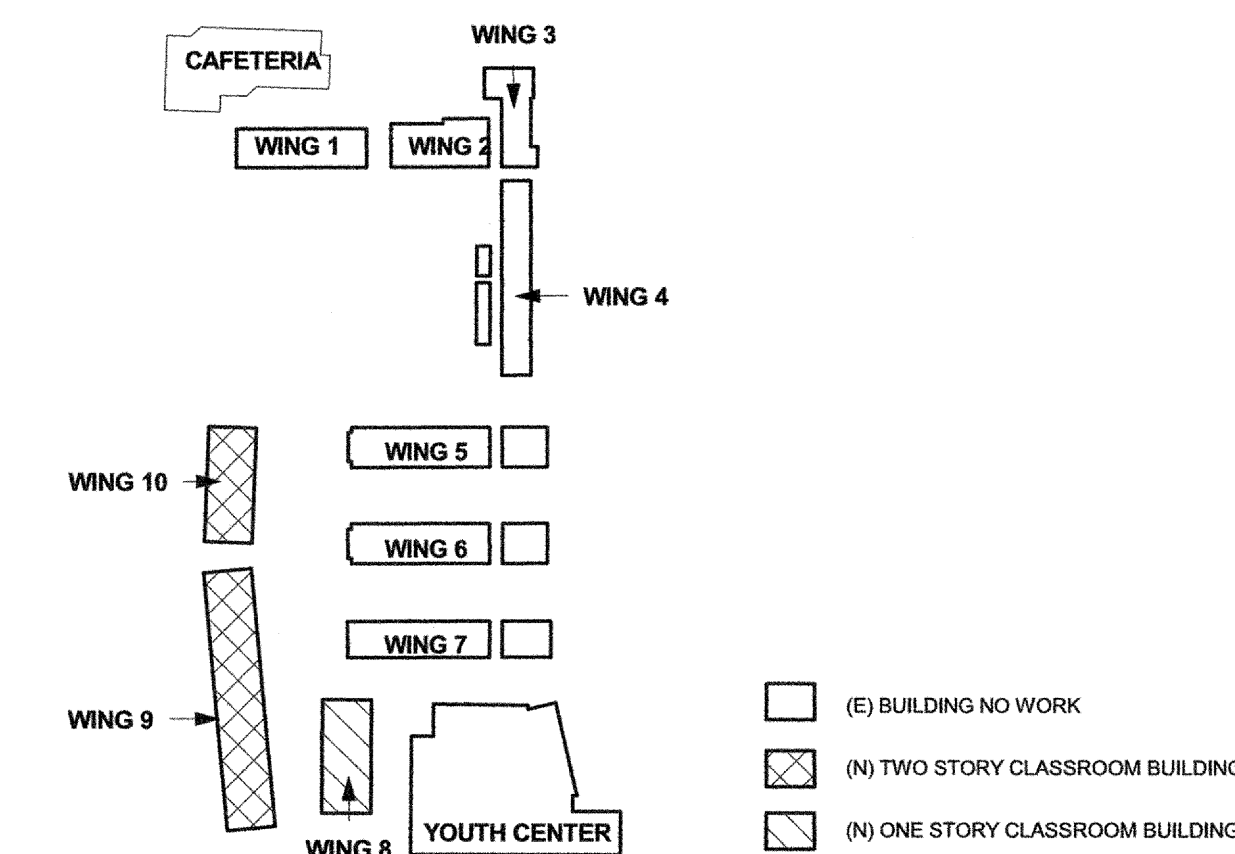
CABINET TYPES



SCOPE OF WORK

NEW PARKING LOT AND DROP OFF ON WHITE ROAD.

BUILDING KEY



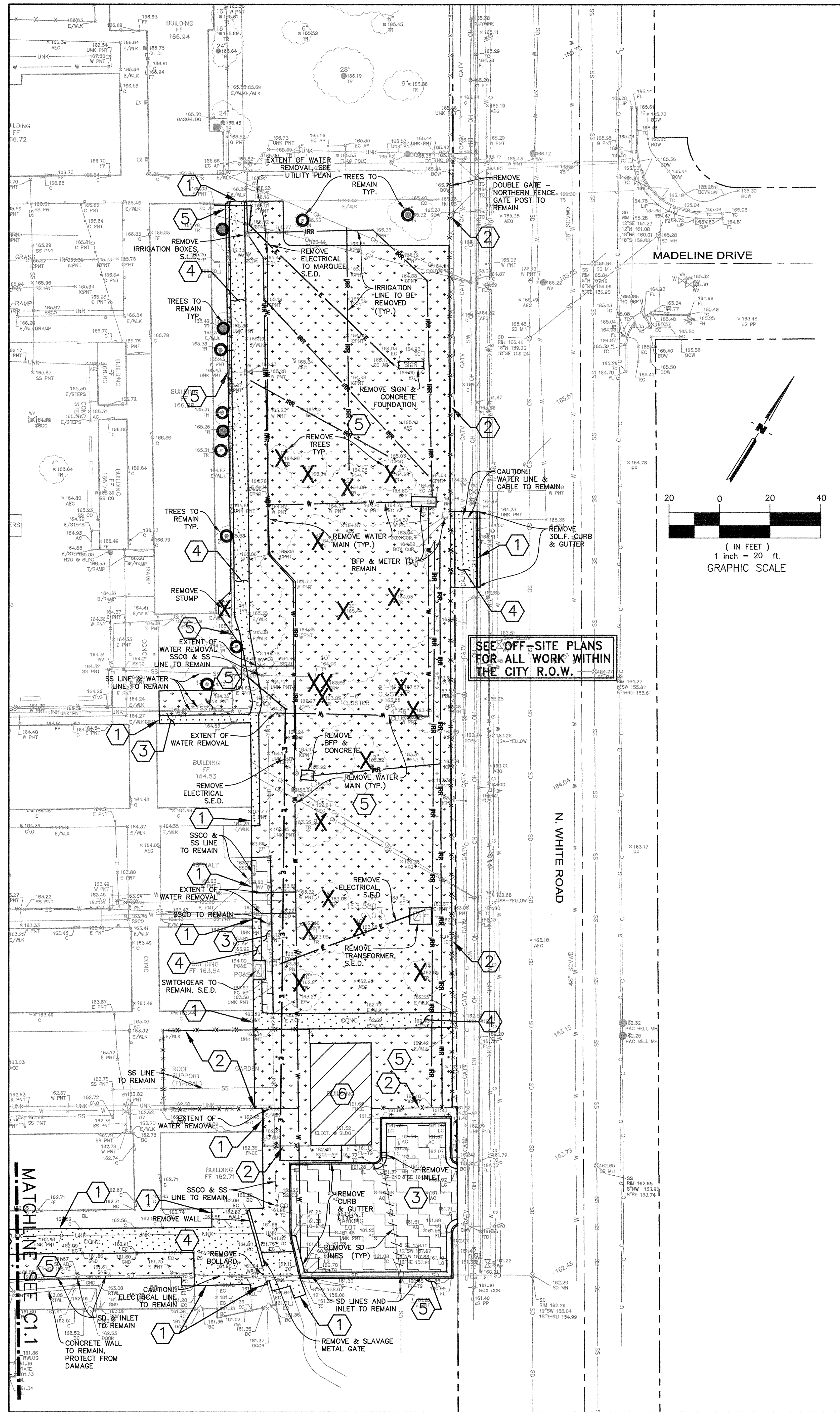
LOCATION MAP



GENERAL NOTES

- 1 ITEMS OF A CIVIL, LANDSCAPE, STRUCTURAL, MECHANICAL, OR ELECTRICAL NATURE MAY NOT APPEAR ON THE ARCHITECTURAL DRAWINGS. SEE APPROPRIATE DRAWINGS FOR THESE ITEMS.
2 DIVISION OF THE STATE ARCHITECT (DSA) APPROVAL OF THIS APPLICATION DOES NOT INCLUDE FUTURE OR N.L.C. ITEMS.
3 ALL DEFERRED APPROVAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT AND THE APPROPRIATE CONSULTING ENGINEER FOR REVIEW & APPROVAL PRIOR TO SUBMITTING TO DSA FOR CHECKING & APPROVAL.
4 THE FIRE SUPPRESSION SYSTEM, I.E. AUTOMATIC SPRINKLERS, HOOD-DUCT SYSTEM, WET STANDPIPES, AND HYDRANTS SHALL NOT BE INSTALLED UNTIL SHOP DRAWINGS HAVE BEEN APPROVED BY THE FIRE & LIFE SAFETY SECTION AT DSA.
5 THE FIRE PROTECTION SIGNALING SYSTEM SHALL NOT BE INSTALLED UNTIL SHOP DRAWINGS, INCLUDING FIRE MARSHAL LISTING NUMBER FOR EACH COMPONENT OF THE SYSTEM, HAS BEEN SUBMITTED AND APPROVED BY THE STATE FIRE MARSHAL AT DSA.
6 FOOD HANDLING FACILITIES SHALL COMPLY WITH ALL LOCAL HEALTH DEPARTMENT REQUIREMENTS & CALIFORNIA UNIFORM RETAIL FOOD FACILITIES LAW.
7 PRIOR TO BIDDING, THE GENERAL CONTRACTOR SHALL VISIT & INSPECT THE SITE TO FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS AFFECTING THE NEW WORK. THE GENERAL CONTRACTOR SHALL NOT DISPUTE, COMPLAIN, OR ASSERT THAT THERE IS ANY MISUNDERSTANDING IN REGARDS TO LOCATION, EXTENT, NATURE, OR AMOUNT OF WORK TO BE PERFORMED UNDER THIS CONTRACT DUE TO THE CONTRACTOR'S FAILURE TO INSPECT THE SITE AND/OR FAILURE TO INSPECT THE CONTRACT DOCUMENTS.
8 THE GENERAL CONTRACTOR & SUBCONTRACTORS ARE RESPONSIBLE FOR LOCATING & VERIFYING ALL EXISTING UNDERGROUND UTILITIES IN ALL AREAS OF THE NEW WORK PRIOR TO COMMENCEMENT OF EXCAVATION. EXISTING UTILITIES SHOWN ON THE DRAWINGS ARE APPROXIMATE ROUTING LOCATIONS AS BEST DETERMINED FROM EXISTING DRAWINGS & BY THE SCHOOL DISTRICT, BUT SHOULD NOT BE CONSIDERED TO REPRESENT ALL EXISTING UTILITIES.
9 ANY ALTERATIONS OF EXISTING FACILITIES TO ACCOMMODATE THE INSTALLATION OF NEW WORK SHALL BE REVIEWED BY THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
10 EXISTING FINISHES OR MATERIALS DAMAGED OR DEMOLISHED DUE TO NEW CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL STATE OR REPLACED WITH NEW MATERIALS FINISHED TO MATCH EXISTING.
11 CONTRACTOR SHALL COORDINATE ALL WORK TO AVOID DISRUPTION OF STUDENTS OR TEACHERS DURING SCHOOL HOURS. ANY DISRUPTION OF POWER, TELEPHONE, OR HVAC SYSTEMS MUST BE COORDINATED AND APPROVED BY THE DISTRICT REPRESENTATIVE PRIOR TO ANY WORK COMMENCING.
12 COMPLIANCE WITH CFC CHAPTER 33 (FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION) AND CBC CHAPTER 33 (SAFEGUARDS DURING CONSTRUCTION) WILL BE ENFORCED.

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 Construction: Contractor agrees that in accordance with generally accepted construction practices, construction contractor will be required to assume risk and complete responsibility for job site conditions during the course of construction of the project. Contractor shall be held responsible for any and all liability, real or alleged, in connection with the performance of work on this project, including liability arising from the negligence of design professionals.
 UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.



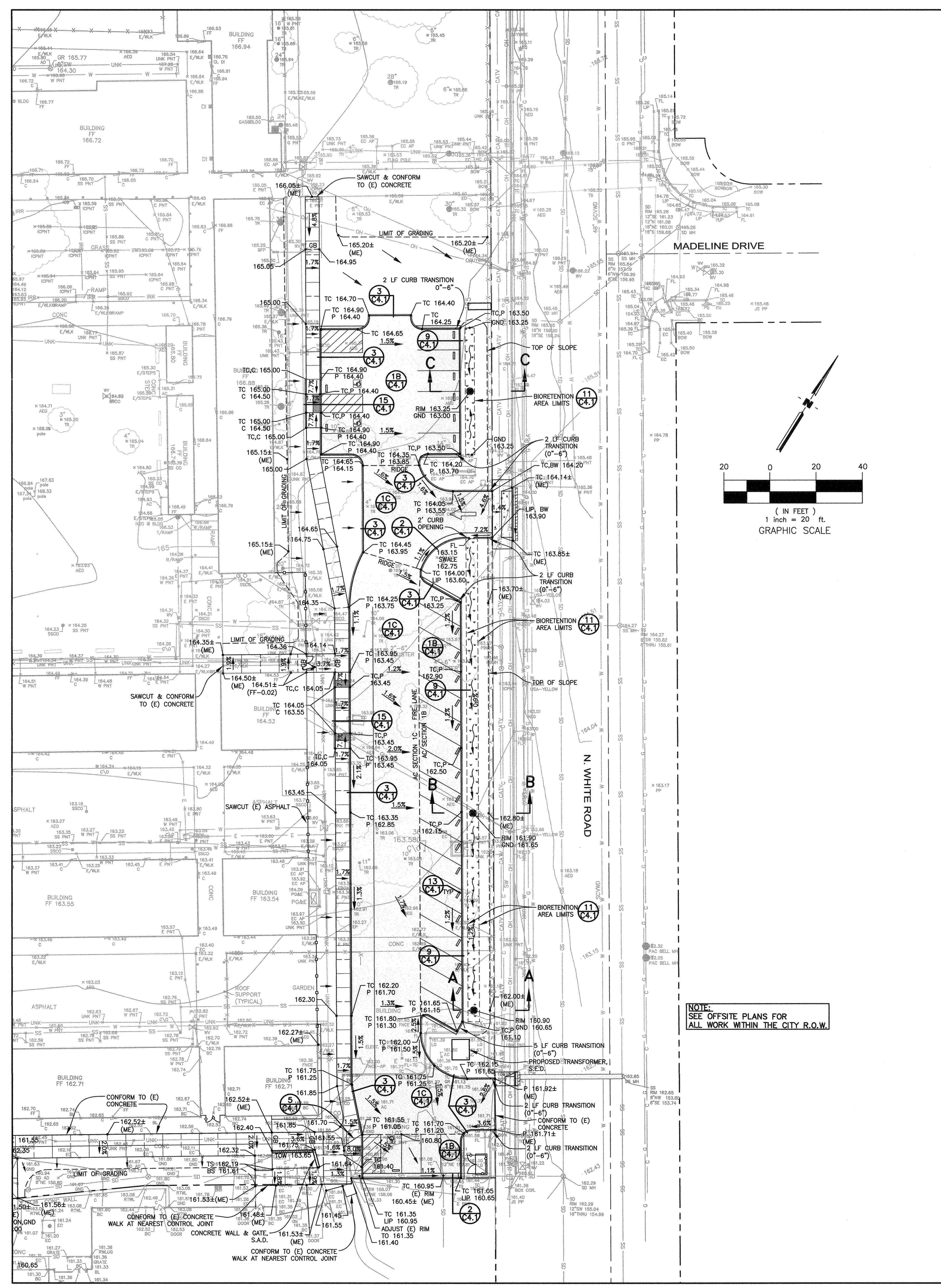
NOTE:
 THE LIMITS OF DEMOLITION SHOWN HEREON ARE TO PROVIDE THE CONTRACTOR WITH A GENERAL SCOPE OF WORK. PRECISE LIMITS OF PAVEMENT REMOVAL AND GRADING SHOULD BE TAKEN FROM THE GRADING AND DRAINAGE PLAN. THE CONTRACTOR SHOULD ALSO REFERENCE LANDSCAPE ARCHITECT DRAWINGS, ARCHITECTURAL DRAWINGS, AND THE CONSTRUCTION DOCUMENTS FOR A COMPLETE SCOPE OF WORK. (VERIFY ALL DEMOLITION WITH THE SCHOOL DISTRICT)

NOTE:
 SEE IRRIGATION DEMOLITION PLAN FOR REMOVAL AND SALVAGE OF EXISTING IRRIGATION SYSTEM. SEE LANDSCAPE DRAWINGS

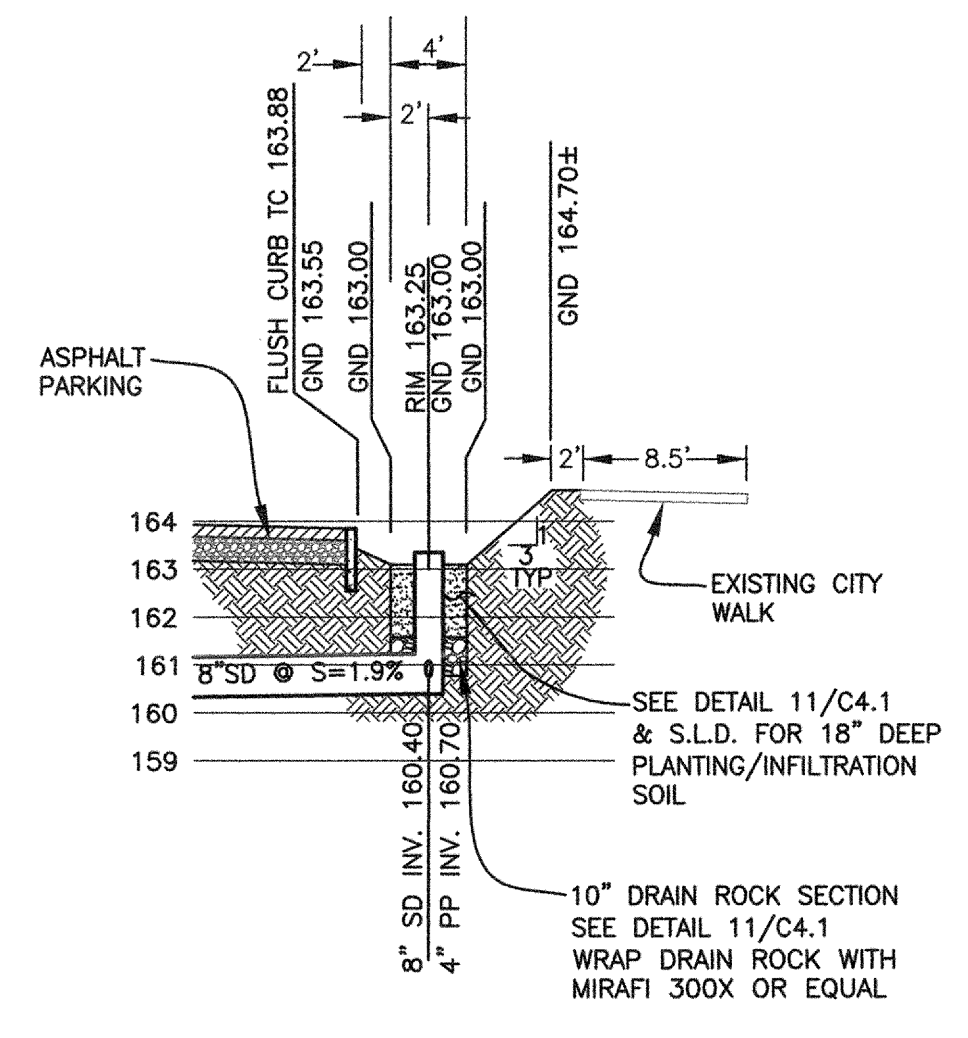
LEGEND

- X TREE TO BE REMOVED. REMOVE ALL ROOTS 2' AND LARGER WITHIN 5' RADIUS OF REMOVED TREE
- TREE TO BE REMAIN - PROTECT FROM DAMAGE. SEE LANDSCAPE SPECIFICATIONS AND DRAWINGS FOR TREE PROTECTION NOTES
- ① SAWCUT ASPHALT OR REMOVE CONCRETE TO NEAREST CONTROL JOINT
- ② FENCE/GATES/FOUNDATIONS TO BE REMOVED
- ③ ASPHALT PAVING & AGGREGATE BASE ROCK TO BE REMOVED, REMOVE HEADER BOARD TYP.
- ④ CONCRETE TO BE REMOVED, REMOVE AGGREGATE BASE
- ⑤ SHRUBS AND/OR LANDSCAPING TO BE REMOVED. GRUB OUT ALL VEGETATION/REMOVE BARK OR WOOD CHIPS. REMOVE PLANTER BOXES. REMOVE ANY IRRIGATION LINES OR VALVES.
- ⑥ REMOVE BUILDING, FOUNDATIONS & UTILITIES (S.A.D.)
- REMOVE STORM AND SANITARY DRAIN LINES, CLEANOUTS, INLETS AND PLUG CONDUITS AT EXTENT OF REMOVAL. SEE GEOTECHNICAL REPORT FOR REMOVED UTILITY TRENCH BACKFILL REQUIREMENTS
- ELECTRICAL/COMMUNICATION LINES TO BE REMOVED, S.E.D.
- IRRIGATION LINES AND VALVE BOXES TO BE REMOVED (SALVAGE COPPER & RETURN TO DISTRICT), S.L.D.
- WATER LINES AND VALVES BOXES TO BE REMOVED

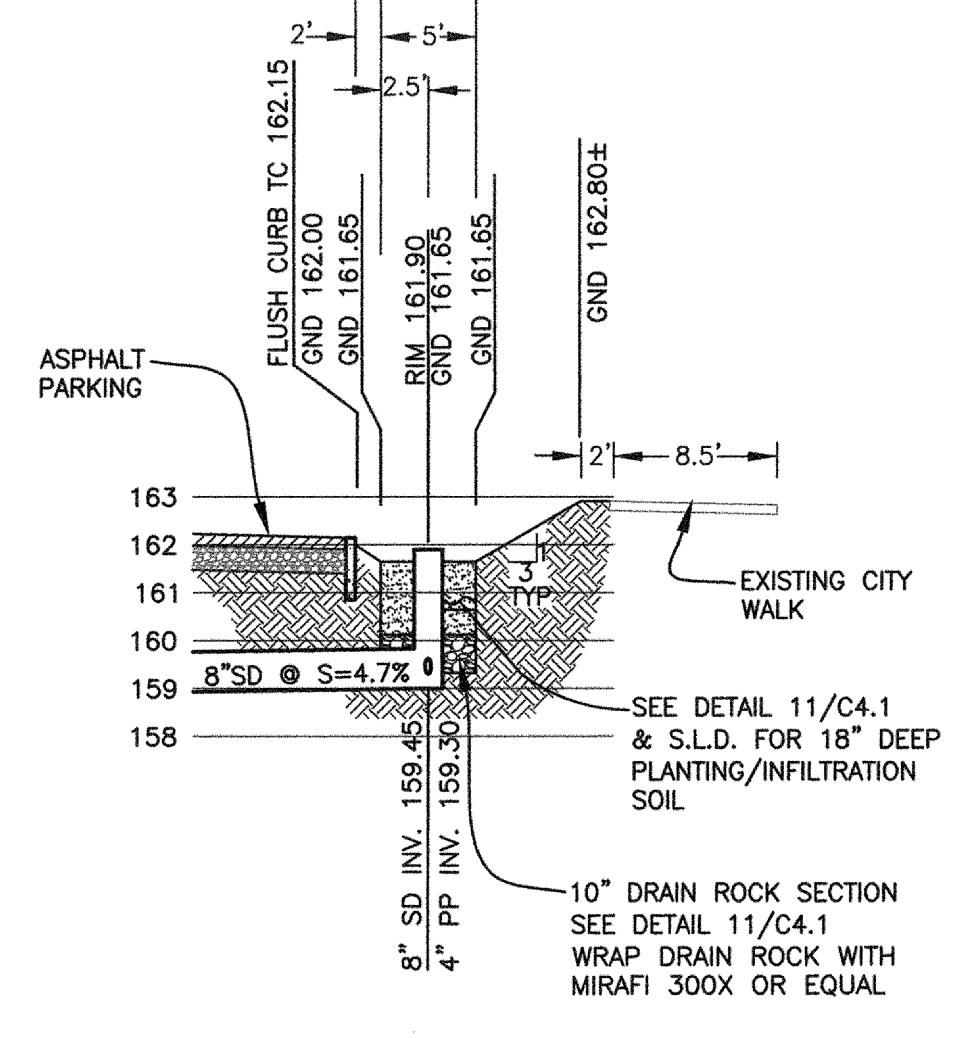
M:\2026 Escuelo Popular\c2.1 GR.dwg 4-25-17 04:15:00 PM kim
 Construction Contractor agrees that in accordance with generally accepted construction practices, construction contractor will be required to assume sole and complete responsibility for job site conditions during the course of construction of the project including safety of all persons and property that this requirement shall be made to apply
 community and not be limited to normal working hours, and construction contractor, further agrees to defend, indemnify and hold design professional harmless from any and all liability, cost or damages in connection with the performance of work on this project, including liability arising from the design professional's negligence.



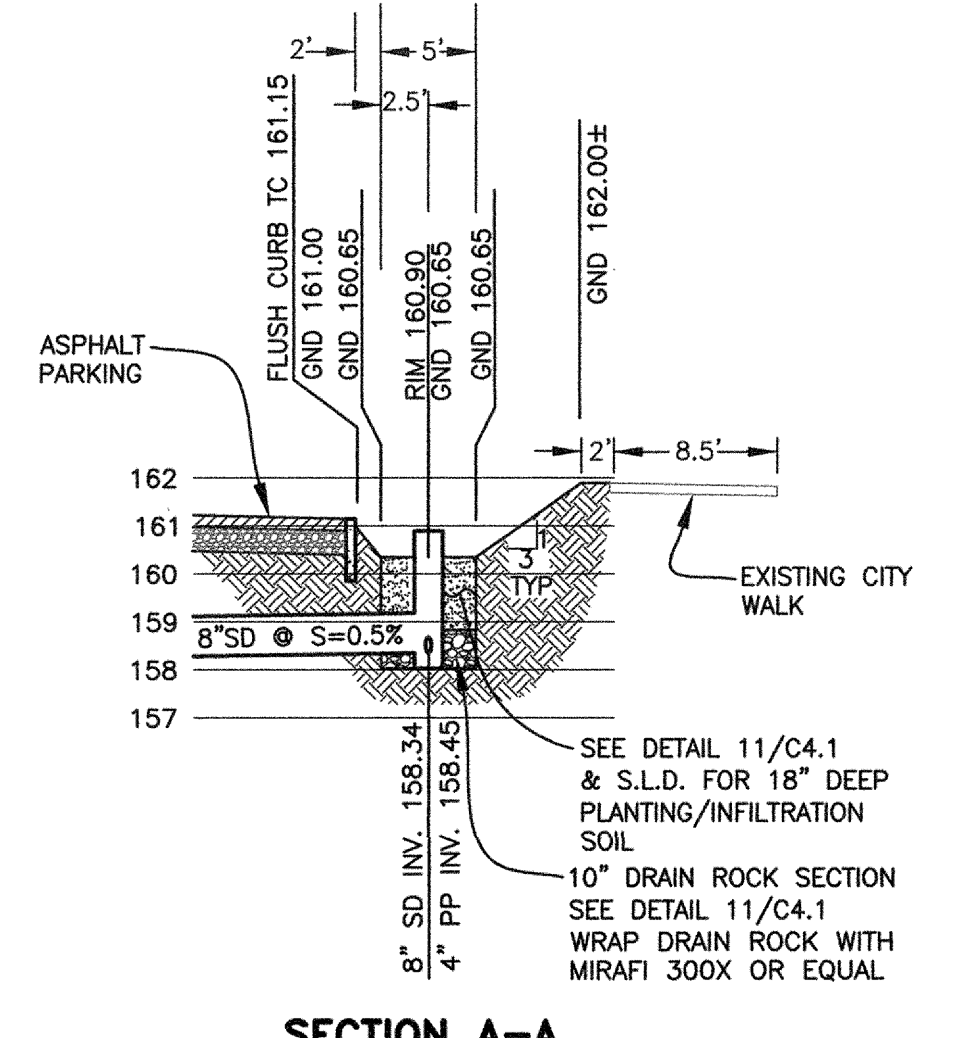
NOTE:
SEE OFFSITE PLANS FOR
ALL WORK WITHIN THE CITY R.O.W.



SECTION C-C
SCALE: HORIZONTAL 1" = 10'
VERTICAL 1" = 4'



SECTION B-B
SCALE: HORIZONTAL 1" = 10'
VERTICAL 1" = 4'



SECTION A-A
SCALE: HORIZONTAL 1" = 10'
VERTICAL 1" = 4'

NOTE: SEE LANDSCAPE DRAWINGS (S.L.D.)
FOR SEATWALLS, STAIRS, RAMPS, PLANTERS,
CONCRETE & ASPHALT PAVING DETAILS AND
LOCATIONS.

PROJECT
ESCUELA POPULAR
NEW PARKING LOT

CONSULTANT
ALUM ROCK UNION
SCHOOL DISTRICT
SAN JOSE, CALIFORNIA

ENGINEERING
engineers and surveyors

1105 S. WINCHESTER BLVD.
SUITE 100
SAN JOSE, CA 95128
TEL: (408) 291-1000
FAX: (408) 291-1005
www.aedis-engineering.com

STAMPS

STATE
DSA FILE NUMBER - 43-EPPD
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPL #01 - 116364
AC #01 FLS - SS
DATE APR 26 2017

REVISIONS

No.	Description	Date

MILESTONES
SD
DD
25% DD
50% CD
75% CD
DSA SUB

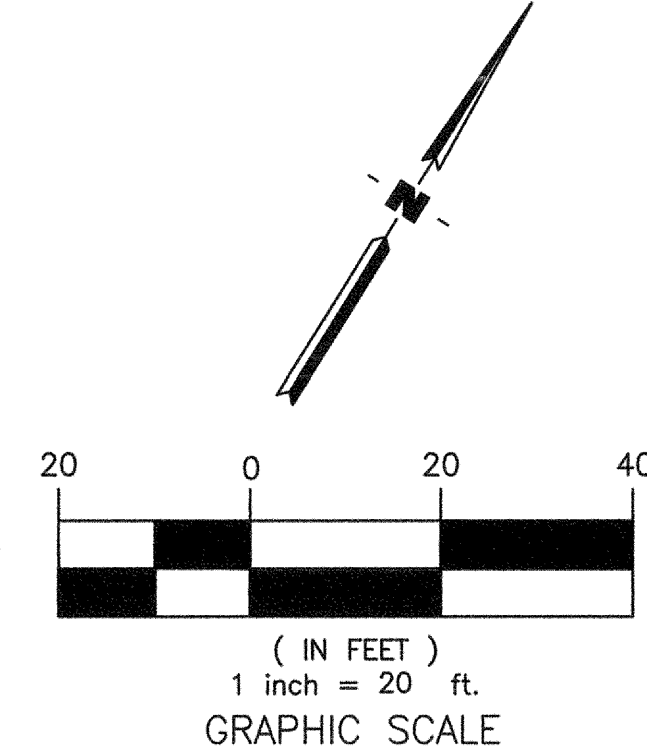
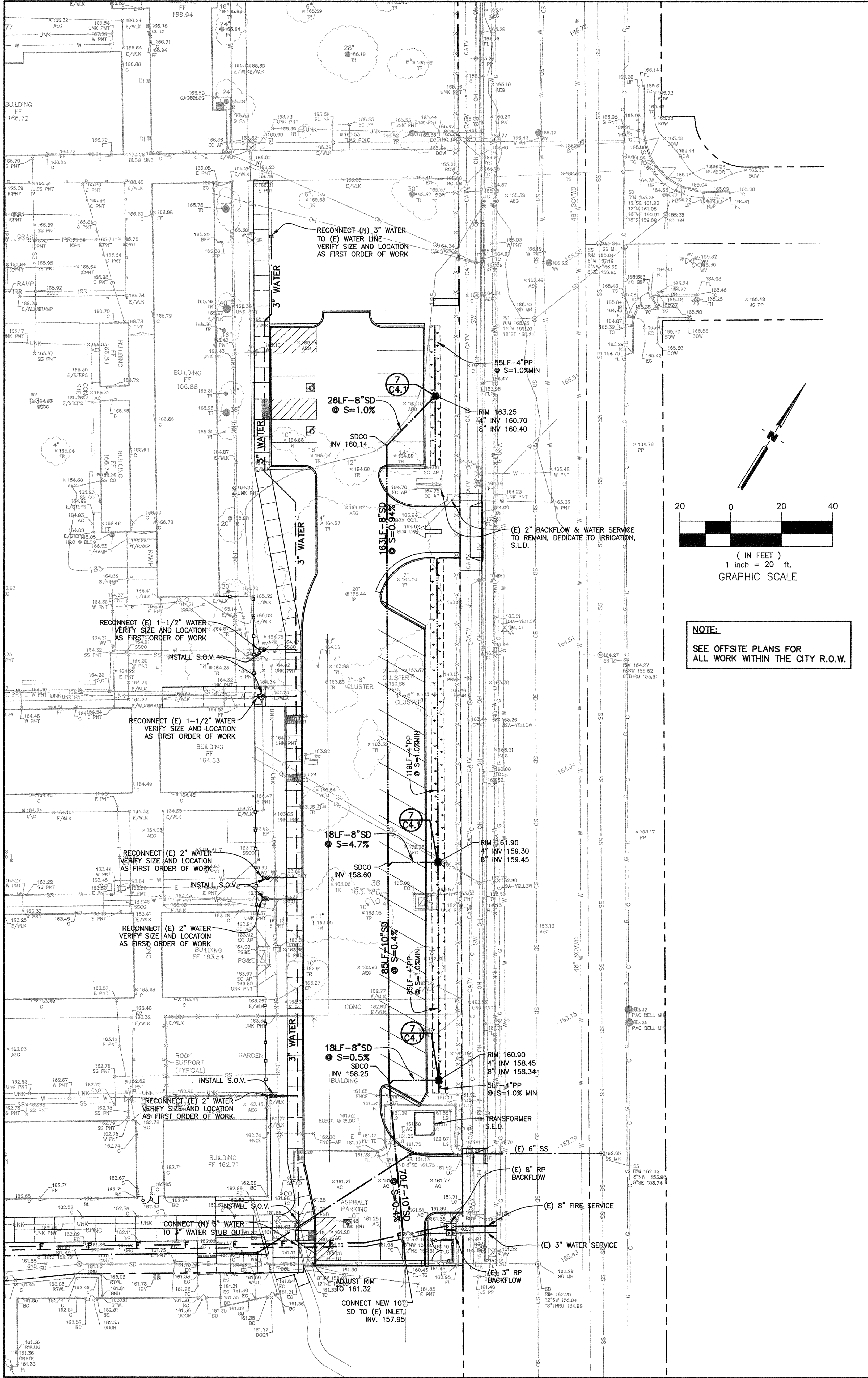
SHEET

**GRADING AND
DRAINAGE
PLAN**

DATE 04/25/17
JOB # 2014037.03
CEI JOB # 2026
SHEET #

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.

Construction contractor agrees that in accordance with generally accepted construction practices, construction contractor will be required to assume sole and complete responsibility for job site conditions during the course of construction of the project including safety of all persons and property that this requirement shall be made to apply commonly and not be limited to normal working hours, and construction contractor further agrees to defend, indemnify and hold design professional harmless from any and all liability, real or alleged, in connection with the performance of work on this project, excepting liability arising from the design professional's negligence.



NOTE:
SEE OFFSITE PLANS FOR ALL WORK WITHIN THE CITY R.O.W.

NOTE
CONTRACTOR IS ADVISED TO VERIFY ALL INVERT ELEVATIONS AT POINTS OF CONNECTION TO EXISTING UTILITIES PRIOR TO CONSTRUCTION OF, OR EXCAVATION FOR, ALL NEW UTILITIES. IF A CONFLICT IS DETERMINED, THE ENGINEER SHALL BE NOTIFIED FOR DETERMINATION OF REMEDY. - SEE UNDERGROUND NOTES.

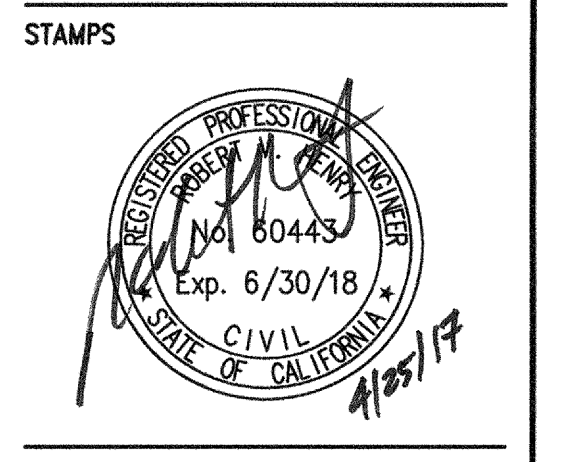
PROJECT
ESCUELA POPULAR
NEW PARKING LOT

**ALUM ROCK UNION
SCHOOL DISTRICT
SAN JOSE, CALIFORNIA**

CONSULTANT

1101 S. WINCHESTER BLVD.
SUITE 118
SAN JOSE, CA 95128
TEL: (408) 291-1855
FAX: (408) 291-1856
www.aedis-engineering.com

ENGINEERING
engineers and surveyors



STATE

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DIV. OF THE STATE ARCHITECT
APPL #01-114369
AC DIV. FLS - SS -
DATE APR 26 2017

REVISIONS

No.	Description	Date

MILESTONES

SD
DD
25% DD
50% CD
75% CD
DSA SUB

SHEET

**UNDERGROUND
UTILITIES
PLAN**

DATE 04/25/17
JOB # 2014037.03
CEI JOB # 2026
SHEET #

GENERAL NOTES

- 1. All work shall be done in accordance with the following:
a) Applicable sections of the State of California Department of Transportation Standard Specifications, latest edition, hereinafter called "Caltrans";
b) California Plumbing Code and California Building Code Provisions;
c) AWWA standards and specifications;
d) City of San Jose Standard Details and Specifications where applicable;
e) These plans and details shown hereon;
f) Standards of the United States Department of Labor, Occupational Safety and Health Administration, Office of Standards and rules of the State Division of Industrial Safety;
g) Latest edition of the California State Code of Regulations Title 24;
h) The Project Specifications;
i) Soils Investigation

Where conflicts exist between any of the above listed specifications, the most stringent listed specification shall prevail.

- 2. It is the responsibility of the Contractor to secure all permits necessary to perform the work, including but not limited to, work in the public right-of-way, grading, tree removal, and utility modifications.
3. Contractor shall supply all equipment, labor, and materials necessary to perform the work shown on this plan.
4. It shall be the responsibility of the various contractors to coordinate their work so as to eliminate conflicts and work toward the general good and completion of the entire project.
5. All workmanship and materials furnished by Contractor shall be of the kind and quality described in the specifications and shall be first class throughout. Neither final acceptance nor final payment by Owner shall relieve the Contractor of responsibility for faulty materials or workmanship.
6. In the event of any conflict of information shown in these plans or any conflict between these plans and the intent of a consistent and functional product, the Contractor shall notify the Owner in writing, upon which notice the Owner shall resolve the conflict by the issuance of a written order, revised plans or both. The Contractor shall bear full cost and responsibility for work affected by such conflicts and performed by Contractor prior to such notice to the Owner and issuance of such order and/or revised plans.

7. Contractor shall provide adequate dust control at all times as required by Owner's representative.

8. Contractor shall exercise all necessary caution to avoid damage to any existing trees, or surface improvements, or to any existing drainage structure, water structures, sewer cleanouts, manholes, or junction boxes for underground electric, telephone, or cable TV, or storm sewer, sanitary sewer, water line, and underground utilities, which are to remain in place and shall bear full responsibility for any damage thereto.

9. All known existing utility lines are shown for information only. Contractor shall exercise all necessary caution to avoid damage to any existing utility lines or facilities to remain in place, whether or not such lines or facilities are shown on these plans, and shall bear full responsibility for any damage thereto.

10. Inspection of work: The City of San Jose Public Works Department will inspect all work involving conformance to off-site permit. A representative of Owner will inspect all work, including grades and compaction of earthwork. Contractor shall notify the soils engineer forty eight (48) hours prior to grading and construction of underground facilities.

11. Engineer shall have no responsibility for Contractor's work methods and procedures, jobsite conditions, jobsite safety or adherence to safety procedures and requirements.

12. The Contractor agrees that, in accordance with generally accepted construction practices, the Contractor will be required to assume sole and complete responsibility for jobsite conditions during the course of construction of the project, including safety of all persons and property. This equipment shall apply continuously and not be limited to normal working hours. The Contractor agrees to defend, indemnify and hold Owner and Engineer harmless from any and all liability, real or alleged, in connection with the performance of the work on this project, exempting liability arising from the sole negligence of the Engineer or Owner.

13. Parking lot striping shall be laid out in accordance with the Horizontal Control Plan, and in accordance with the City of San Jose specifications.

14. Contractor shall provide appropriate traffic control measures as outlined in the City of San Jose specifications and as directed by the City Engineer.

GRADING AND PAVING NOTES

- 1. Work shall consist of all clearing, grubbing, and stripping, preparation of land to be filled, excavation, spreading, compaction and control of the fill, and all subsidiary work necessary to complete the grading to conform to the lines, grades and slopes, as shown on the accepted plans and as specified in the Geotechnical Investigation Report.
2. The contractor's attention is directed to the Geotechnical Investigation prepared by Cleary Consultants dated December 5, 2014 report # 771.4
3. The Contractor's attention is directed to the City of San Jose Permit # _____ for work within the ROW. Contractor shall adhere to the requirements thereof.
4. The Contractor shall notify the Soil Engineer at least forty-eight (48) hours prior to commencement of any grading operations on-site.
5. A representative of the Soils Engineer shall be on site during grading operations and shall perform such testing as deemed necessary. The representative shall observe the grading operation for conditions that should be corrected, and identify those conditions with recommended corrective measures to the Contractor.
6. In the event that any unusual conditions not covered by these notes and the Soils Investigation are encountered during grading operations, the Soils Engineer shall be immediately notified for recommendations.
7. All existing trash, debris, roots, tree remains and other rubbish shall be removed from the site so as to leave the areas that have been disturbed with a neat and finished appearance free from unsightly debris. No burning shall be permitted.
8. Contractor shall grade to the line and elevations shown on the plan within the following horizontal and vertical tolerance, in the areas indicated:

Table with 3 columns: Item, Horizontal, Vertical. Rows include Building Pad Subgrade, Driveway and parking area subgrade preparation.

9. All aggregate base material and the handling and placement thereof shall be in accordance with the Caltrans Standard Specifications. Aggregate base materials shall be Class II.

10. Compacted building pads shall extend 5 feet minimum beyond building footprint.

11. Asphalt concrete (AC) shall be Type B, 3/4" maximum aggregate size for base course and 1/2" maximum aggregate size for surface course, as specified for surface course material in the Caltrans Specification. 2" thickness may be placed in one lift.

12. SC-70 liquid asphalt prime coat conforming to the provisions of the Caltrans Specifications shall be applied at the rate of 0.15+ gallons per square yard to surface of aggregate base prior to placement of asphalt concrete.

13. SS-1 emulsified asphalt binder conforming to the provisions of the Caltrans Specification shall be applied at the rate of 0.07+ gallons per square yard to existing asphalt concrete surface and vertical concrete surfaces to receive asphalt concrete.

14. SS-1 emulsified liquid asphalt seal coat conforming to the provisions of the Caltrans Specifications shall be diluted with equal parts water and applied at the rate of 0.15+ gallons per square yard to surface of the new finished asphalt paving surface and existing asphalt paving surfaces to remain in place. Existing asphalt surfaces shall be cleaned prior to seal coat operation.

15. Contractor shall adjust all inlets, valve boxes, manhole rims, and sewer cleanouts to new finish grade.

16. Materials handling and placement of Portland Cement Concrete shall be in accordance with applicable sections of the Caltrans Standard Specifications and these plans and details shown hereon. Concrete to be Class A, 6 sack, 3000 PSI concrete.

UNDERGROUND NOTES

- 1. Contractor shall expose and verify location and elevation of existing utilities, including sanitary and storm sewers, and water lines before constructing new facilities. Contractor shall cap existing irrigation lines where necessary so that the remaining irrigation system will continue to be operational for the existing landscaping to remain.
2. Materials for pipe, storm water inlets and cleanouts and installation procedures shall be in accordance with applicable California Building Code sections and the City of San Jose Standard Specifications, the Project Specifications and these plans and details shown hereon.
Storm Sewer Pipe designated "SD" shall be SDR 26 PVC pipe or HDPE ADS N-12 pipe appropriate for such use. Storm Sewer Pipe designated "DIP" shall be ductile iron pipe appropriate for such use.
Sanitary Sewer Pipe designated "SS" shall be vitrified clay pipe or SDR 26 PVC pipe appropriate for such use.
Water Pipe designated "WATER" or "W" shall be Schedule 80 PVC pipe appropriate for such use.
Fire Lines designated "FIRE LINE" or "F" shall be AWWA C900 PVC - DR 18 pipe appropriate for such use.

3. Ensure grates are ADA compliant for all existing inlets to remain in travelled access paths, subject to pedestrian traffic. Replace as necessary.

- 4. All trench excavation and backfill for sewer lines shall conform to requirements of the City of San Jose Standard Specifications. Jetting of backfill materials to achieve compaction is not allowed.
5. All trenches and excavations shall be constructed in strict compliance with the applicable sections of California and Federal O.S.H.A. requirements and other applicable safety ordinances. Contractor shall bear full responsibility for trench shoring design and installation.
6. Materials for pipe and installation requirements for domestic water lines shall be in accordance with applicable California Plumbing Code sections and the City of San Jose Standard Specifications and these plans and details shown hereon.

LEGEND

Table with 4 columns: DESCRIPTION, DETAIL, PROPOSED, EXISTING. Includes entries for PROPERTY LINE, CENTERLINE, AC PAVEMENT, CURB & GUTTER, etc.

DETAIL NUMBER SHEET UPON WHICH DETAIL APPEARS

ABBREVIATIONS

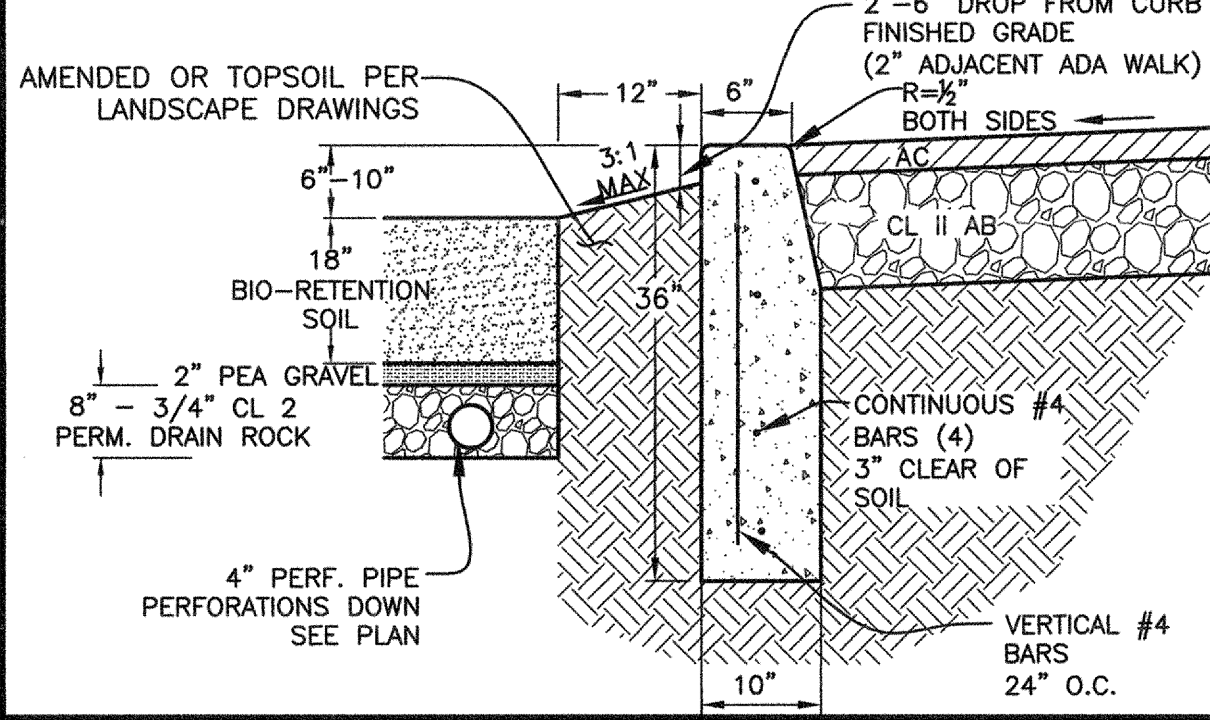
Table of abbreviations: AB AGGREGATE BASE, AC ASPHALT CONCRETE, ACC ACCESSIBLE, ARCH ARCHITECTURAL, BS BOTTOM OF STEP, etc.

6 NOT USED

JENSEN PRECAST (PHONE: 800-843-9569) 18" DROP INLET MODEL 1818-HDI WITH ADJUSTABLE FRAME AND ADA COMPLIANT GRATE. LABEL INLET "NO DUMPING FLOWS TO BAY" H2O LOADING

7 18" STORM INLET

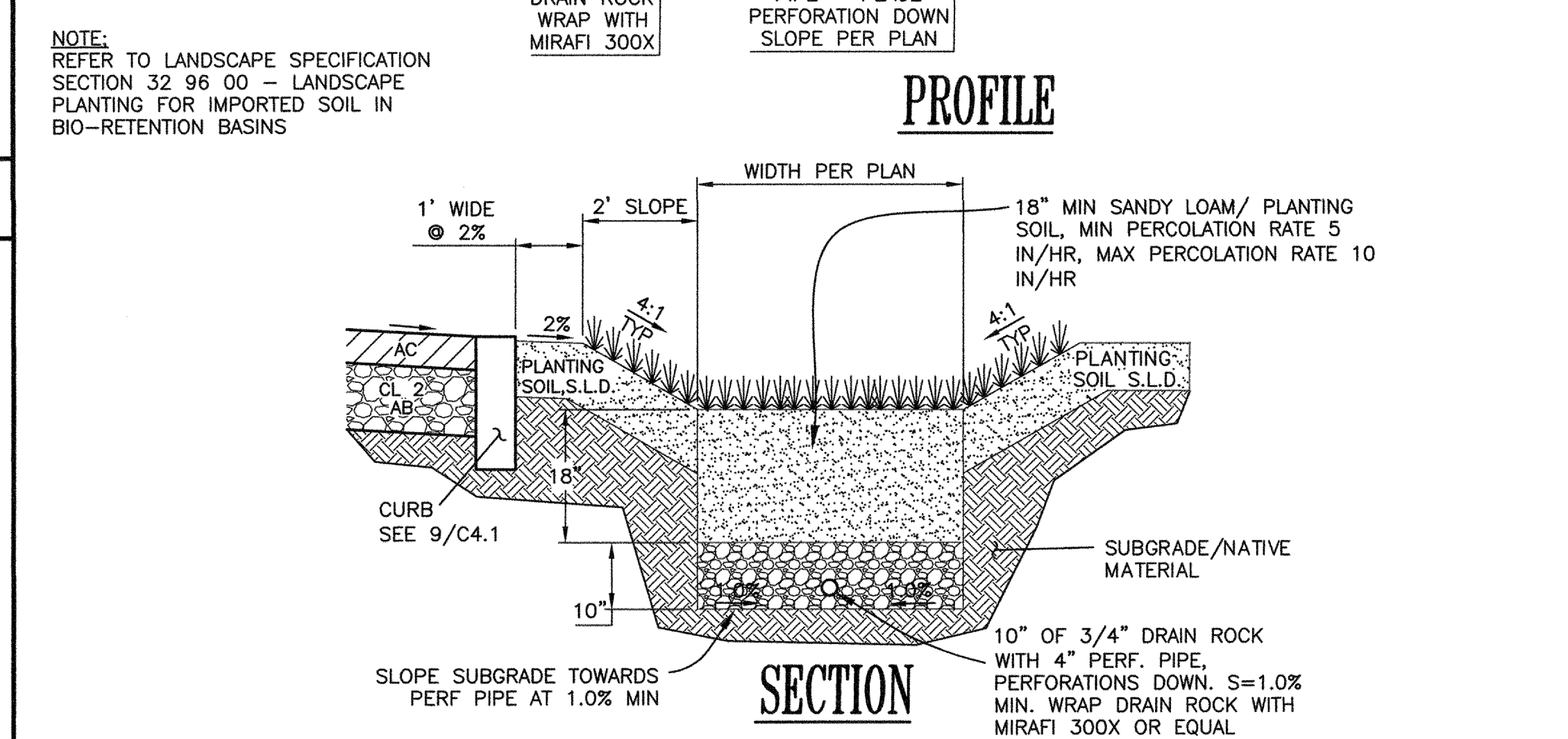
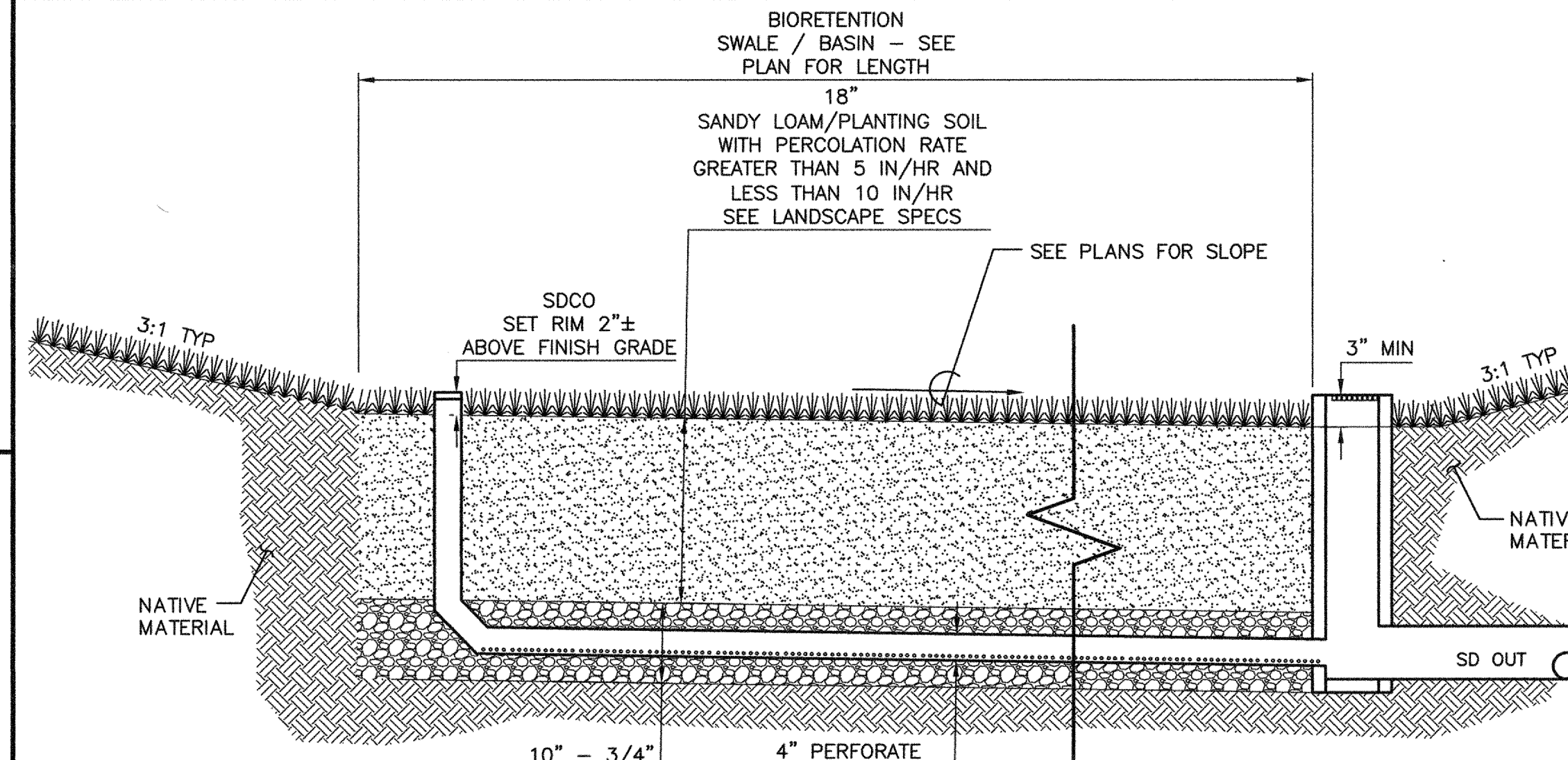
8 NOT USED



9 FLUSH VERTICAL CURB AT BIO-RETENTION

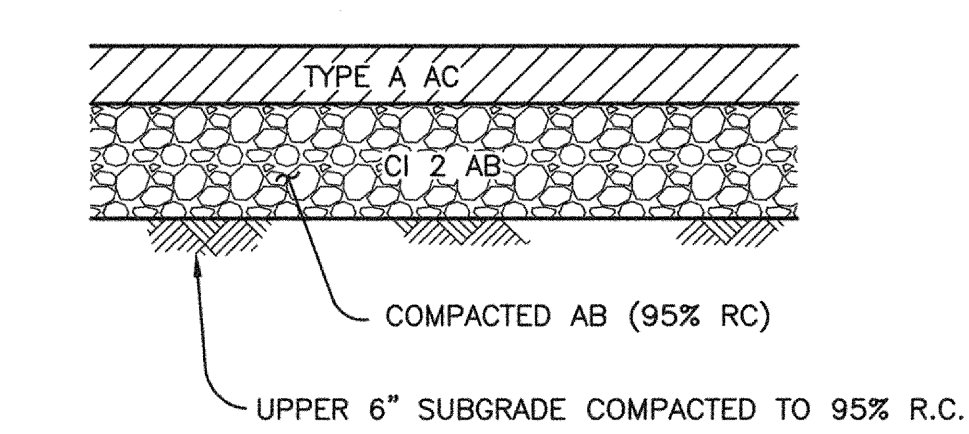
12 NOT USED

10 NOT USED



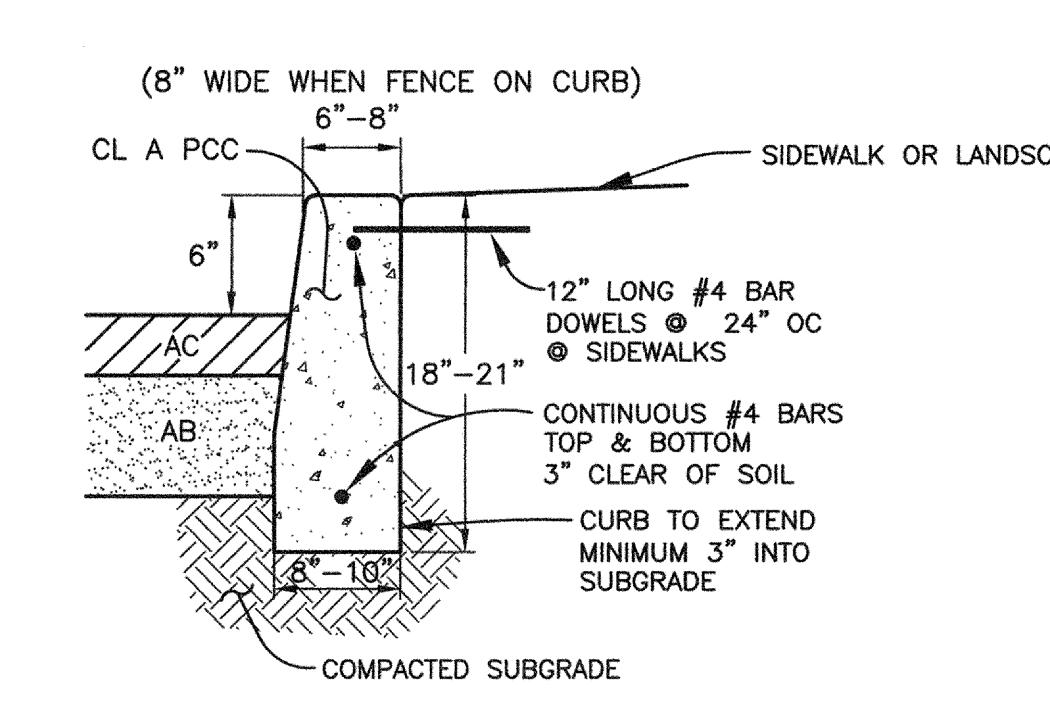
11 BIO-RETENTION SWALE / BASIN SCALE= NTS

Table with 3 columns: SECTION, TYPE, B, AC, CL, 2, BASE. Rows include PLAYGROUND, AUTO, FIRE LANE.



1 AC PAVEMENT SECTION NOT TO SCALE

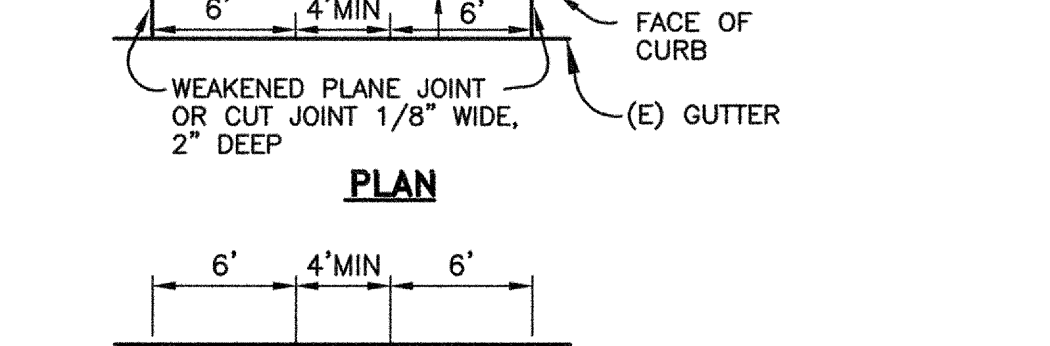
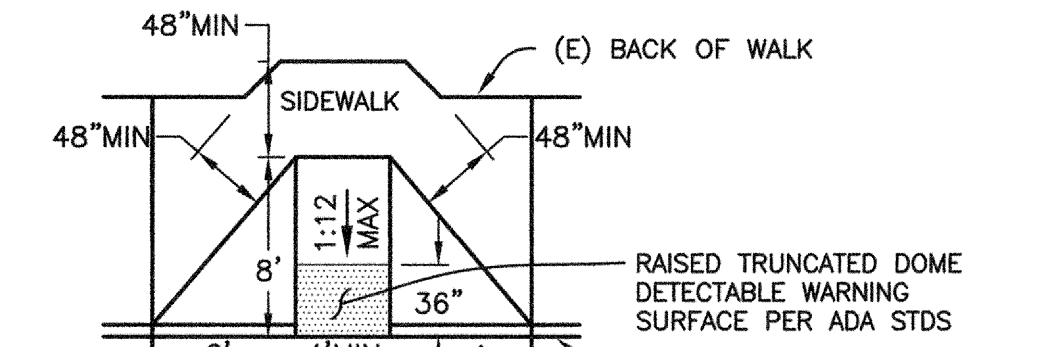
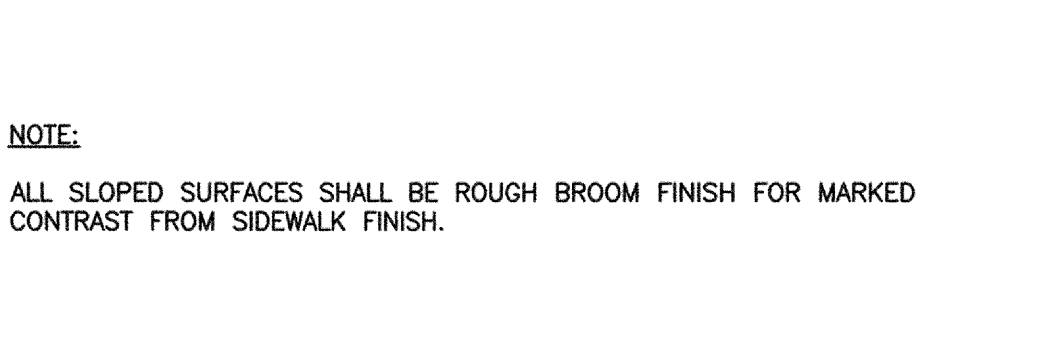
2 CURB AND GUTTER



3 VERTICAL CURB

14 NOT USED

4 NOT USED NOT TO SCALE



5 CURB-CUT RAMP NOT TO SCALE

SEE LANDSCAPE DRAWINGS FOR CONCRETE FLATWORK, WALLS, AND OTHER SURFACE DETAILS OUTSIDE OF PARKING LOTS.

15 CURB-CUT RAMP NTS

13 PARKING BUMPER

aedis architects logo and contact information: 387 S. 3rd Street, Suite 200 San Jose, CA 95113

PROJECT: ESCUELA POPULAR NEW PARKING LOT

CONSULTANT: ALUM ROCK UNION SCHOOL DISTRICT SAN JOSE, CALIFORNIA

ENGINEERING logo

STAMPS: Professional Engineer seal for Robert Robert...

STATE: DSA FILE NUMBER - 45-EPDP IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT

REVISIONS table with columns: No., Description, Date

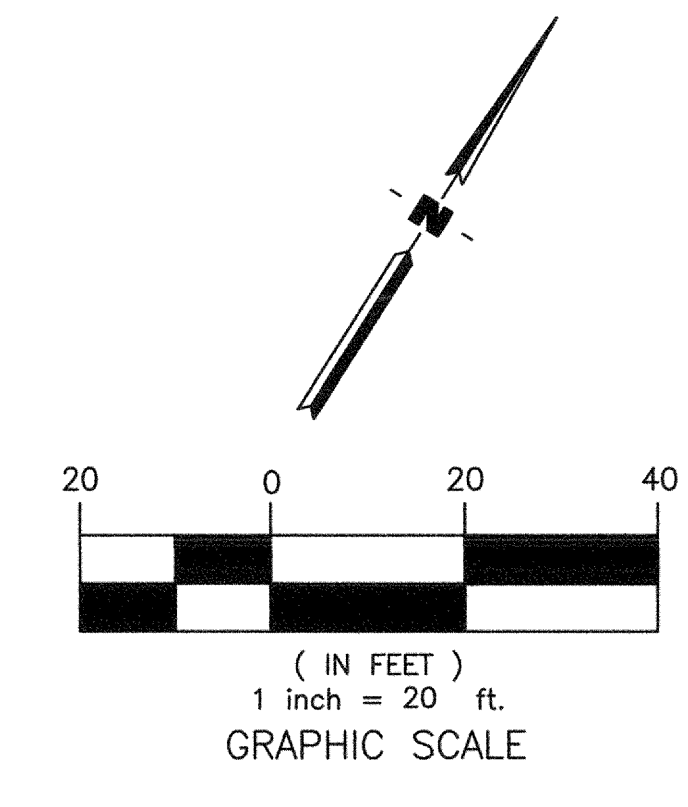
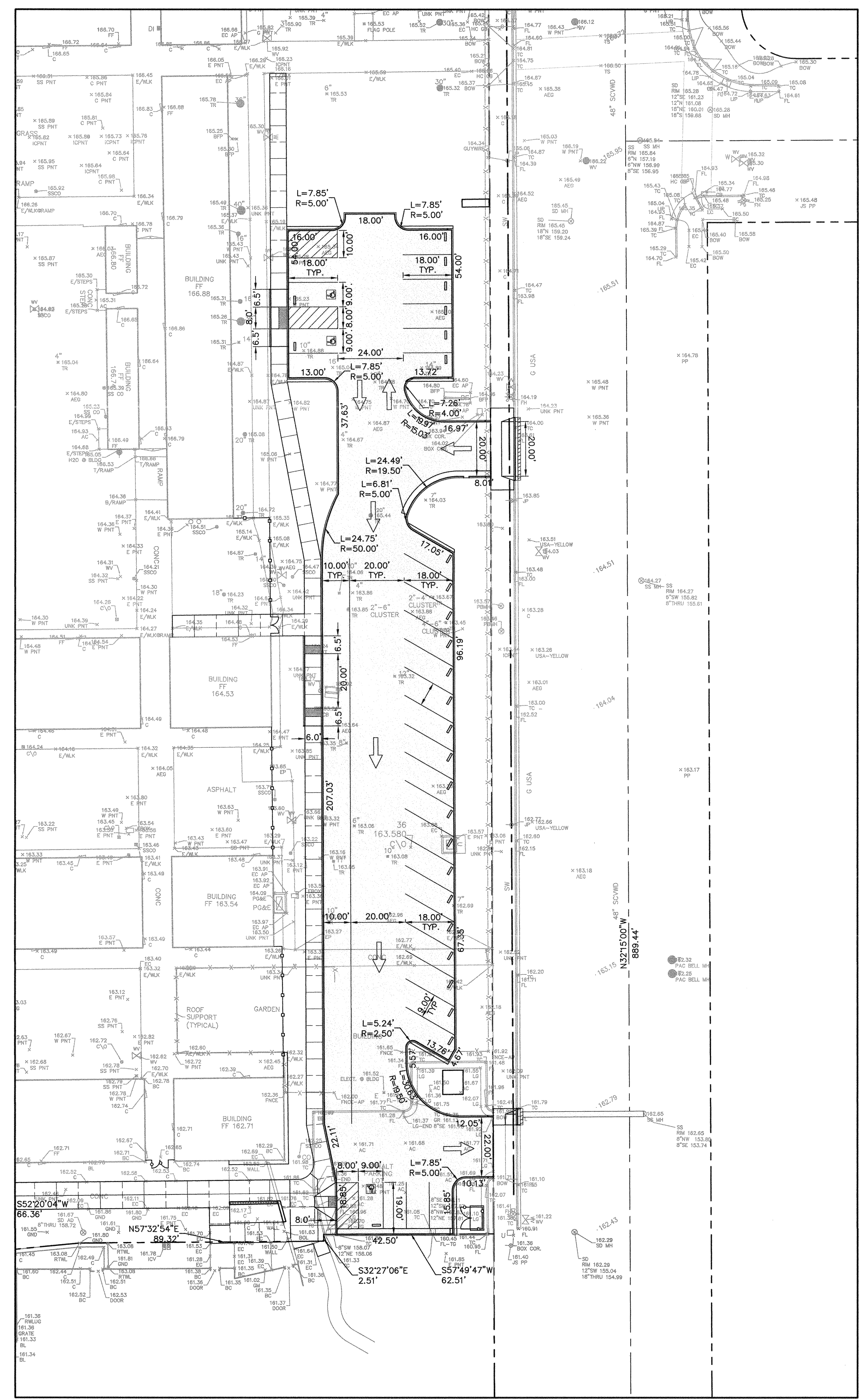
NOTES, LEGEND, & DETAILS

MILESTONES table with rows: SD, DD, 25% DD, 50% CD, 75% CD, DSA SUB SHEET

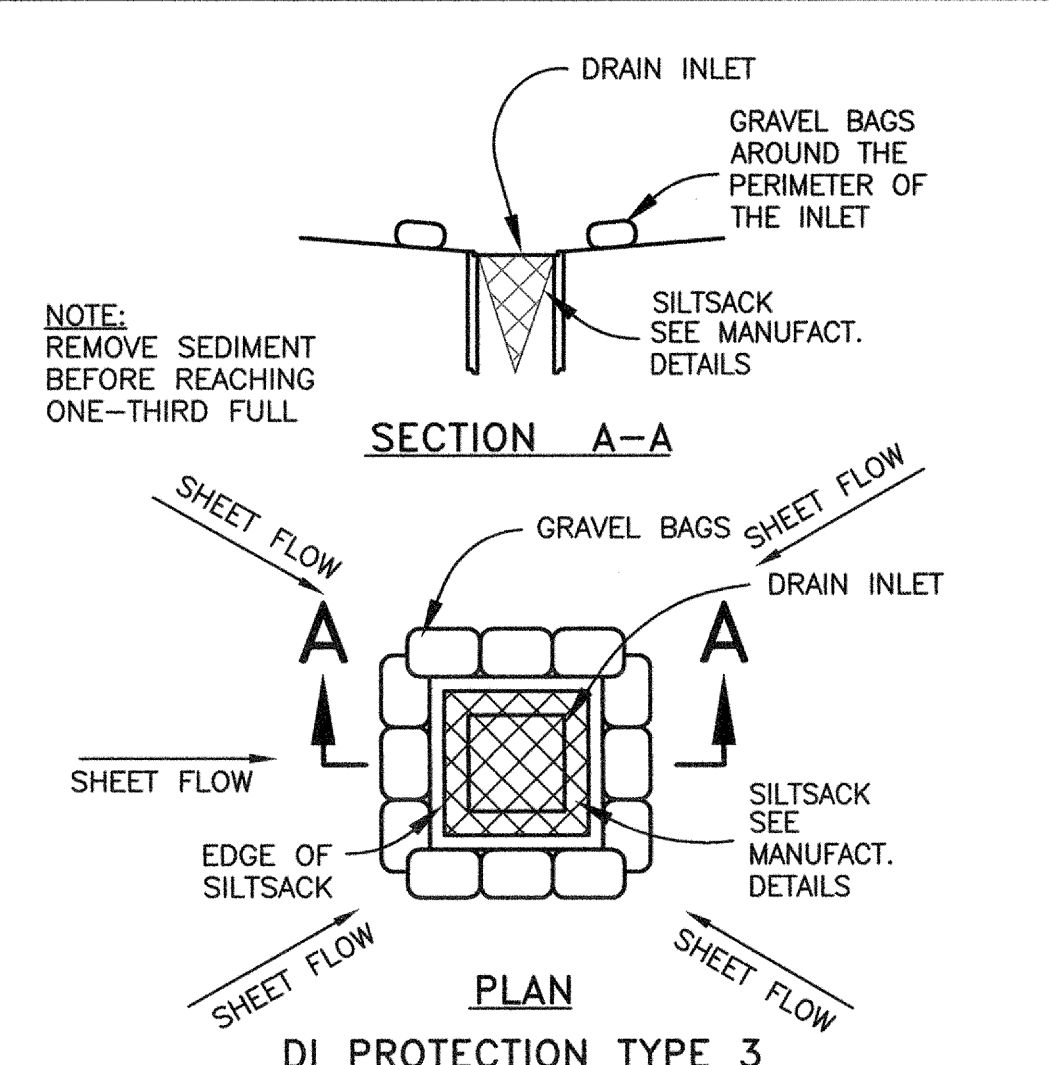
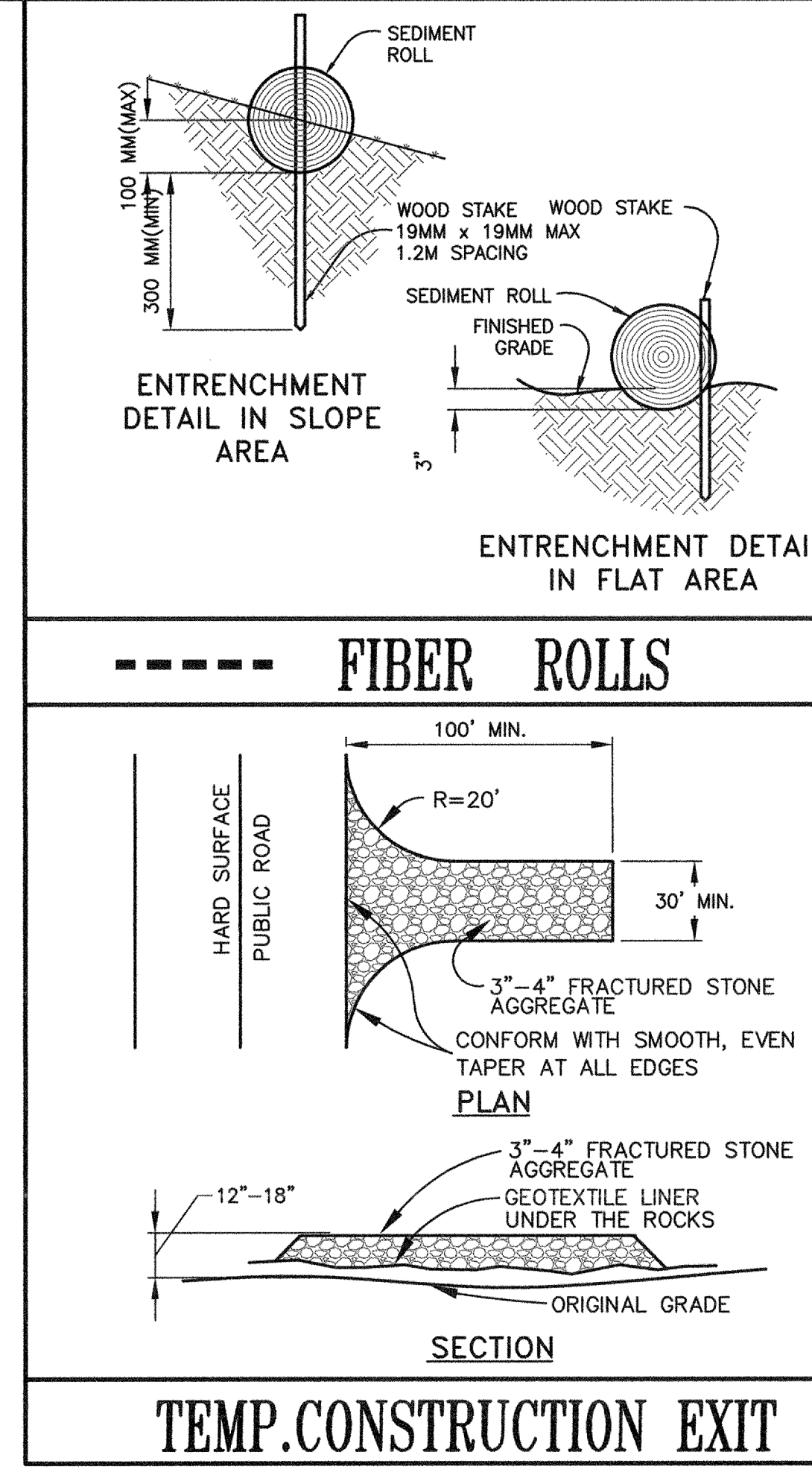
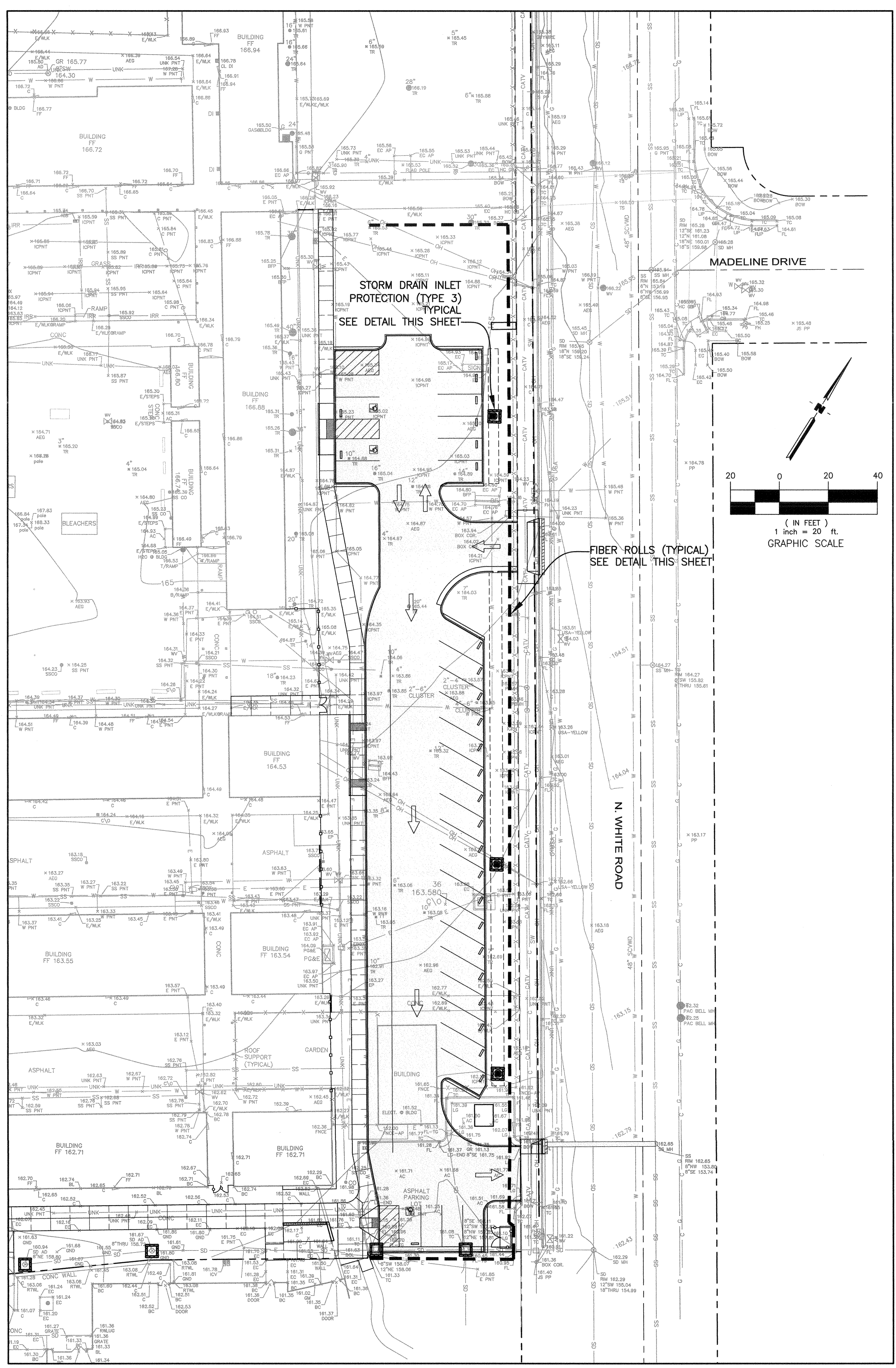
DATE: 04/25/17 JOB #: 2014037.03 CEI JOB #: 2026 SHEET #: C4.1p

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.

Construction Contractor agrees that in accordance with generally accepted construction practices, construction contractor will be required to assume sole and complete responsibility for the site conditions during the course of construction of the project including safety of all persons and property, that this requirement shall be made to apply to all subcontractors and vendors, and that the contractor shall be held responsible for the performance of work on this project, including liability arising from the use of any subcontractors or vendors.



M:\2026 Escuela Popular\Drawings\06_1p.dwg 4/25/17 04:55:05 PM Tms Construction Contractor agrees that in accordance with generally accepted construction practices, construction contractor will be required to assume sole and complete responsibility for the safety of all persons and property, that this requirement shall be made to apply retroactively to all prior work on this project. The contractor shall be held liable for any and all damages, claims, suits, and costs of defense, including reasonable attorney's fees, arising from the construction of any portion of this project. Professional liability insurance for any and all damages, claims, suits, and costs of defense, including reasonable attorney's fees, shall be required to be in effect during the construction of any portion of this project. The contractor shall be held liable for any and all damages, claims, suits, and costs of defense, including reasonable attorney's fees, arising from the construction of any portion of this project.



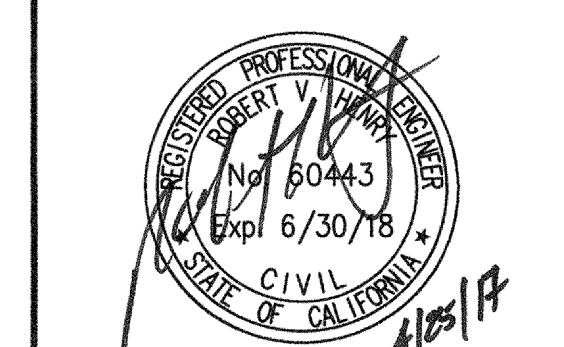
STORM DRAIN INLET PROTECTION - TYPE 3

aedis architects
www.aedisarchitects.com
387 S. 1st Street, Suite 300
San Jose, CA 95113
tel: (408) 300-5160
fax: (408) 300-9121

PROJECT
**ESCUELA POPULAR
NEW PARKING LOT**

ALUM ROCK UNION
SCHOOL DISTRICT
SAN JOSE, CALIFORNIA
CONSULTANT

1101 S. WINCHESTER BLVD.
SUITE 110-1104
SAN JOSE, CA 95128
TEL: (408) 300-9000
FAX: (408) 300-9099
www.aedisarchitects.com
ENGINEERING
engineers and surveyors



STATE
DSA FILE NUMBER - **43-EPDP**
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPL # **01-11636**
AC PLS SS
DATE **APR 26 2017**

REVISIONS

No.	Description	Date
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MILESTONES
SD
DD
25% DD
50% CD
75% CD
DSA SUB
SHEET

EROSION CONTROL PLAN

DATE **04/25/17**
JOB # 2014037.03
CEI JOB # 2026
SHEET #
C6.1p

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.





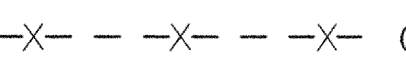


GENERAL SHEET NOTES

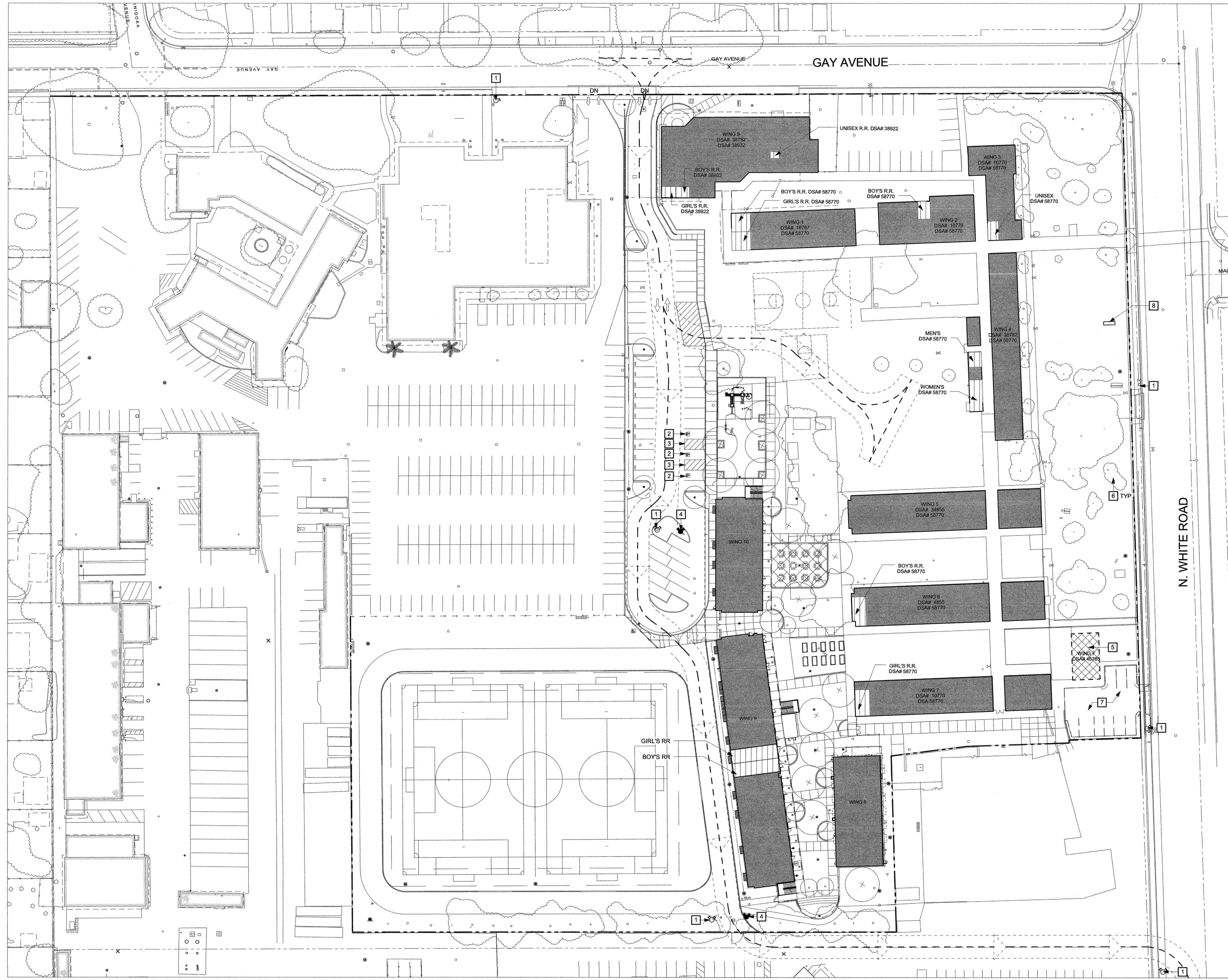
- A ITEMS OF A CIVIL, LANDSCAPE, STRUCTURAL, MECHANICAL, OR ELECTRICAL NATURE MAY NOT APPEAR ON THE ARCHITECTURAL DRAWINGS. SEE APPROPRIATED DRAWINGS FOR THESE ITEMS.
- B CONTRACTOR TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT AND PATH OF TRAVEL COMPLIES WITH CBC CHAPTER 11.
- C REFER TO CIVIL, PLUMBING, ELECTRICAL, LANDSCAPE AND MODULAR DRAWINGS FOR EXTENT OF CIVIL, PLUMBING, ELECTRICAL, LANDSCAPE AND MODULAR WORK.
- D CONTRACTOR TO COORDINATE WITH LOCAL FIRE MARSHAL, CITY, AND DISTRICT FOR THE INSTALLATION OF FIRE HYDRANTS AND FIRE SPRINKLER SYSTEMS. NEW FIRE HYDRANTS ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO STORING COMBUSTIBLE MATERIAL ON SITE PER CFC SECTION 1412. AN APPROVED TEMPORARY WATER SUPPLY FOR FIRE PROTECTION SHALL BE PROVIDED IF PERMANENT SOURCE IS NOT AVAILABLE.
- E CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.
- F DO NOT INTERRUPT EXISTING UTILITY SERVICES SERVING OCCUPIED OR USED FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AND COORDINATED WITH THE OWNER.
- G PROTECT EXISTING & NEW STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, TREES AND SHRUBS FROM DAMAGE DURING CONSTRUCTION.

DEMOLITION SITE PLAN KEYNOTES

- 1 (E) FIRE HYDRANT.
- 2 D.A. ACCESSIBLE PARKING & SIGNAGE, STATING THAT THERE IS A "MINIMUM FINE \$250" SEE DETAIL 2/A1.03.
- 3 UNLOADING ACCESS AISLE PAINTED WITH BLUE PERIMETER AND WHITE INTERNAL HATCHING.
- 4 (E) FIRE DEPARTMENT CONNECTION.
- 5 (E) BUILDING TO BE DEMOLISHED.
- 6 (E) TREE TO BE REMOVED SEE CIVIL AND LANDSCAPE DRAWINGS FOR THE EXTENT OF CIVIL AND LANDSCAPE WORK TYP.
- 7 (E) PARKING LOT TO BE DEMOLISHED. SEE CIVIL, AND LANDSCAPE DRAWING FOR THE EXTENT OF CIVIL AND LANDSCAPE WORK.
- 8 (E) MARQUEE TO BE RELOCATED, DEMOLISH EXISTING FOUNDATION.

GRAPHIC KEY

-  EXISTING TO BE DEMOLISHED
-  EXISTING TOILET ROOMS. REFER TO NOTES FOR ADDITIONAL INFORMATION.
-  EXISTING CONSTRUCTION TO REMAIN
-  PROPERTY LINE
-  (E) CHAIN LINK FENCE
-  EXISTING FIRE HYDRANT
-  EXISTING FIRE DEPARTMENT CONNECTION



1 DEMO SITE PLAN PHASE 2
SCALE: 1" = 40'-0"

PROJECT
**ESCUELA POPULAR
NEW PARKING LOT**

CONSULTANT

STAMP



STATE

DSA FILE NUMBER **43-EPDP**
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPL # **01-116369**
AC FLS SS
DATE **04/26/2017**

REVISIONS

No. Description Date



MILESTONES

- SD
- DD
- 25% CD
- 50% CD
- 75% CD
- DSA SUB

SHEET

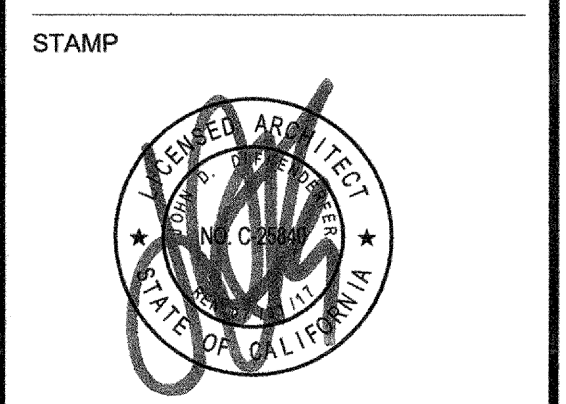
DEMO SITE PLAN

DATE **04/26/2017**

JOB # **2014037.01**

SHEET #

A1.01p



- GENERAL SHEET NOTES**
- ITEMS OF A CIVIL, LANDSCAPE, MECHANICAL, OR ELECTRICAL NATURE MAY NOT APPEAR ON THE ARCHITECTURAL DRAWINGS; SEE APPROPRIATE DRAWINGS FOR THESE ITEMS.
 - CONTRACTOR TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT AND PATH OF TRAVEL COMPLIES WITH CBC CHAPTER 11.
 - REFER TO CIVIL, PLUMBING, ELECTRICAL, LANDSCAPE AND MODULAR DRAWINGS FOR EXTENT OF CIVIL, PLUMBING, ELECTRICAL, LANDSCAPE AND MODULAR WORK.
 - CONTRACTOR TO COORDINATE WITH LOCAL FIRE MARSHALL, CITY, AND DISTRICT FOR THE INSTALLATION OF FIRE HYDRANTS AND FIRE SPRINKLER SYSTEMS. NEW FIRE HYDRANTS ARE TO BE INSTALLED AND OPERATIONAL PRIOR TO STORING COMBUSTIBLE MATERIAL ON SITE PER CFC SECTION 1412. AN APPROVED TEMPORARY WATER SUPPLY FOR FIRE PROTECTION SHALL BE PROVIDED IF PERMANENT SOURCE IS NOT AVAILABLE.
 - CONTRACTOR SHALL MAINTAIN FIRE LANE ACCESS THROUGHOUT PROJECT.
 - DO NOT INTERRUPT EXISTING UTILITY SERVICES SERVING OCCUPIED OR USED FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AND COORDINATED WITH THE OWNER.
 - PROTECT EXISTING & NEW STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, TREES AND SHRUBS FROM DAMAGE DURING CONSTRUCTION.

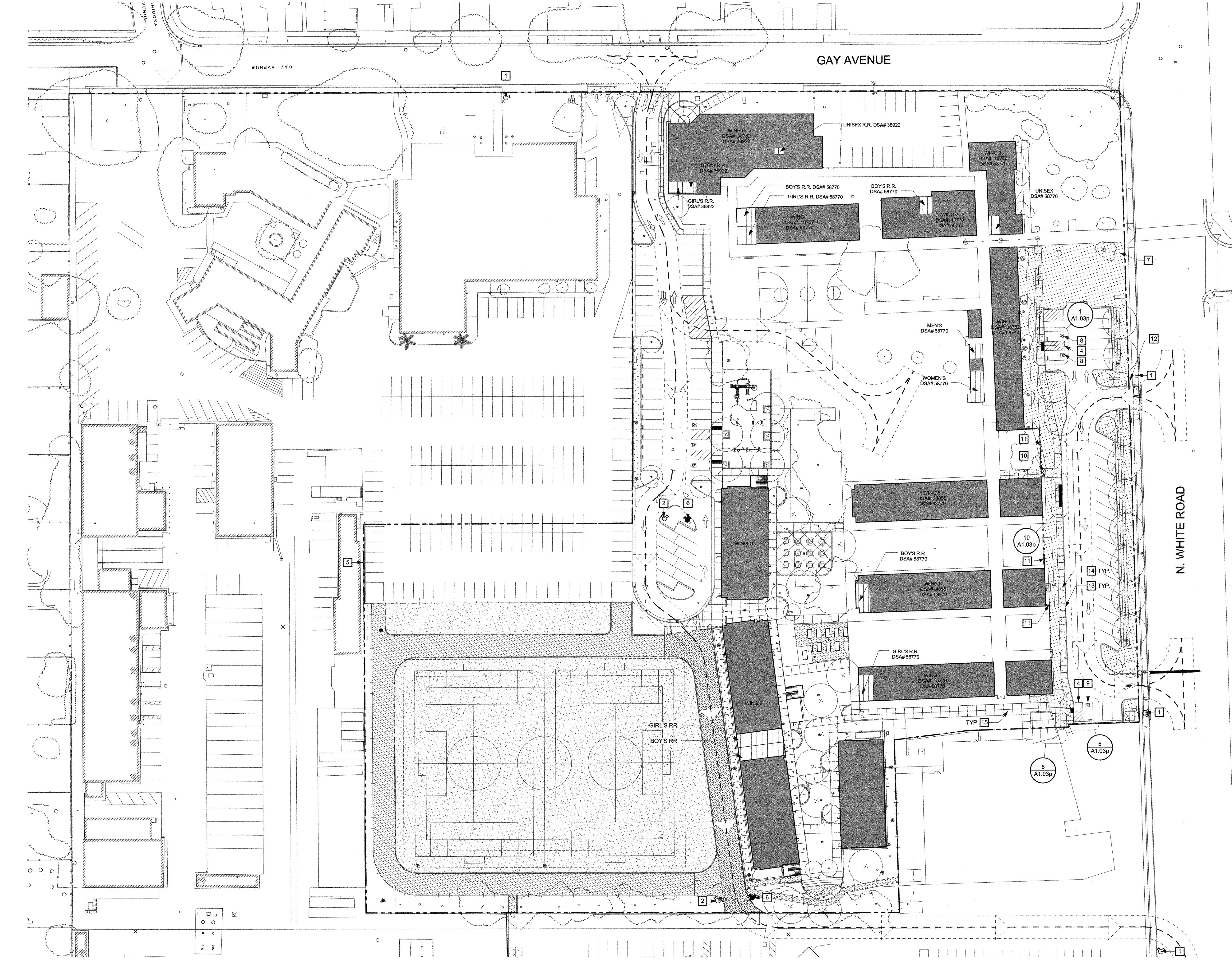
- NEW SITE PLAN KEYNOTES**
- (E) FIRE HYDRANT.
 - (E) FIRE HYDRANT.
 - D.A. ACCESSIBLE PARKING & SIGNAGE, STATING THAT THERE IS A "MINIMUM FINE \$250" SEE DETAIL 2/A1.03.
 - UNLOADING ACCESS AISLE PAINTED WITH BLUE PERIMETER AND WHITE INTERNAL HATCHING.
 - (E) CHAINLINK FENCE TO REMAIN.
 - (E) FIRE DEPARTMENT CONNECTION.
 - RELOCATED (E) MARQUEE WITH NEW CONCRETE FOUNDATION.
 - D.A. ACCESSIBLE PARKING & SIGNAGE, STATING THAT THERE IS A "MINIMUM FINE \$250" SEE DETAIL 1/A1.03p.
 - D.A. ACCESSIBLE PARKING & SIGNAGE, STATING THAT THERE IS A "MINIMUM FINE \$250" SEE DETAIL 5/A1.03p.
 - ORNAMENTAL DOUBLE GATE SEE DETAIL 2/A1.04p AND 3/A1.04p
 - ORNAMENTAL FENCE, SEE DETAIL 1/A1.04p
 - TOW AWAY SIGN, SEE 2A/1.03P
 - CONCRETE CURB, SEE CIVIL DRAWINGS.
 - CONCRETE PAVING, SEE LANDSCAPE AND CIVIL DRAWINGS.
 - (E) CONCRETE PAVING, SEE LANDSCAPE AND CIVIL DRAWINGS.

PARKING COUNT

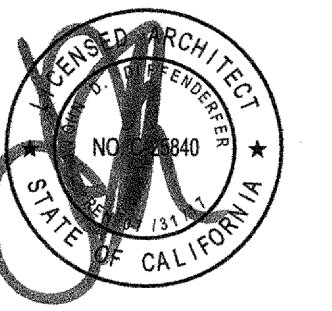
PARKING COUNT:	REQUIRED	ACTUAL
PARKING LOT "B" -		
- PARKING STALLS:		32
- D.A. PARKING STALLS:		2
- VAN D.A. PARKING STALLS:	1	2

GRAPHIC KEY

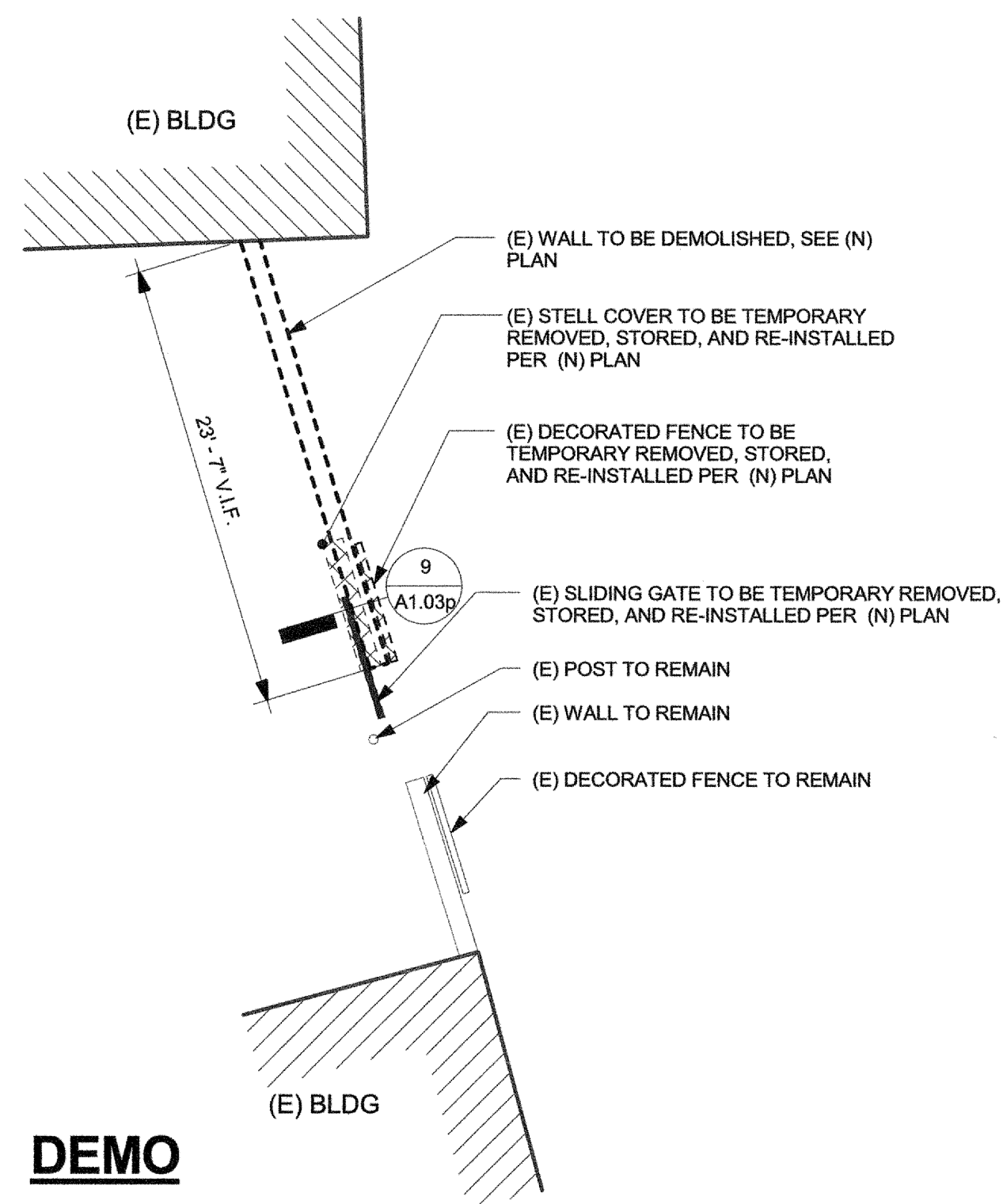
- EXISTING TOILET ROOMS. REFER TO NOTES FOR ADDITIONAL INFORMATION.
- EXISTING CONSTRUCTION TO REMAIN
- PROPERTY LINE/ LEASE LINE
- ASSUMED PROPERTY LINE
- (N) ORNAMENTAL FENCE
- (N) CHAIN LINK FENCE
- (E) CHAIN LINK FENCE
- FIRE DEPARTMENT ACCESS
FIRE DEPARTMENT ACCESS IS 20'-0" WIDE AND RATED FOR 96,000 LBS.
- D.A. PATH OF TRAVEL
D.A. PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER FREE ACCESS WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" WIDE. SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED. D.A. PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM HEIGHT AND PROTRUDING OBJECTS GREATER THAN 1/4" PROJECTION FROM WALL, ABOVE 27" AND BELOW 90". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.
- (E) F.H.
EXISTING FIRE HYDRANT
- (E) F.D.C.
LOCATION OF (E) FIRE DEPARTMENT CONNECTION, SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION



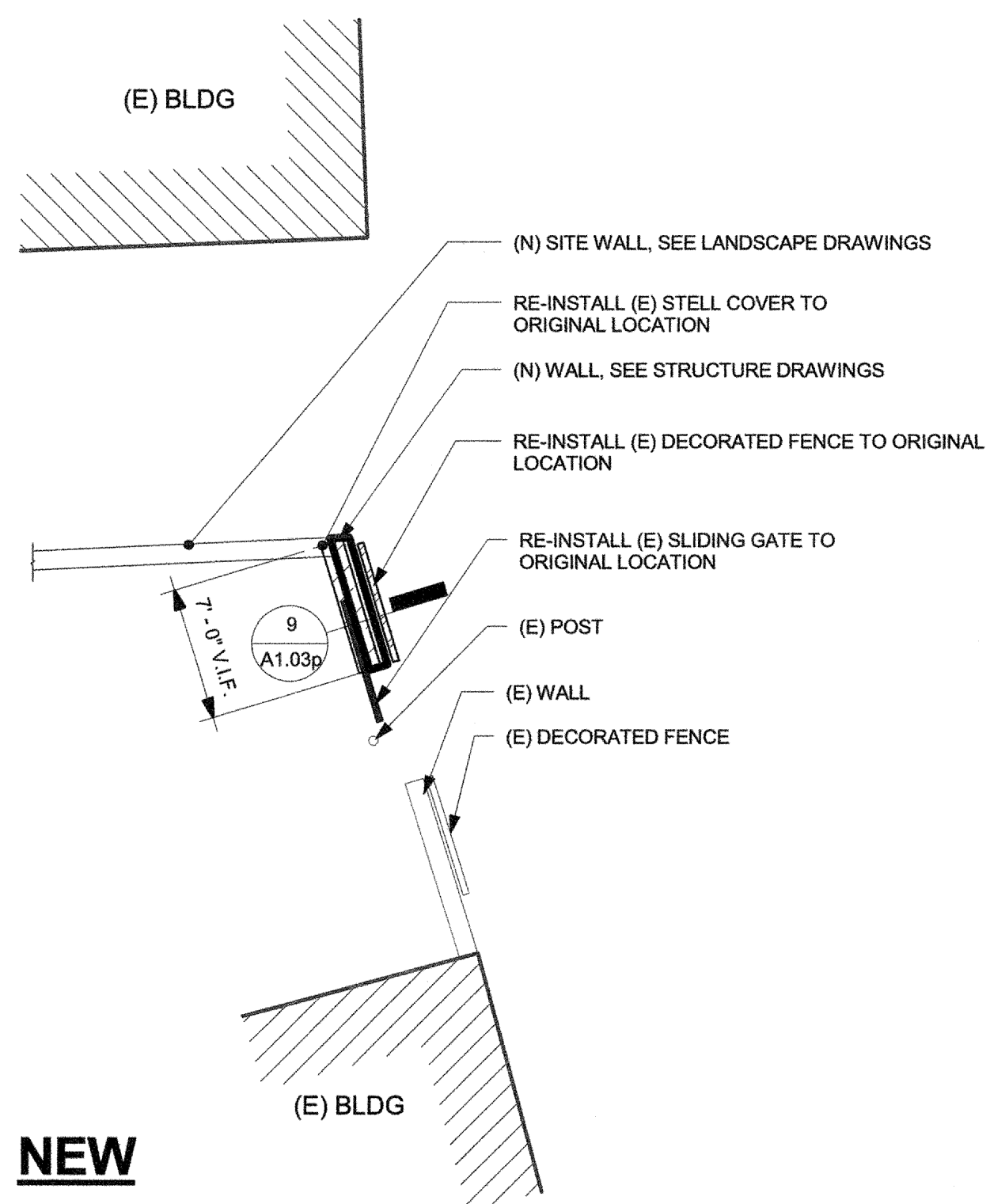
1 NEW SITE PLAN - PHASE 2
SCALE: 1" = 40'-0"



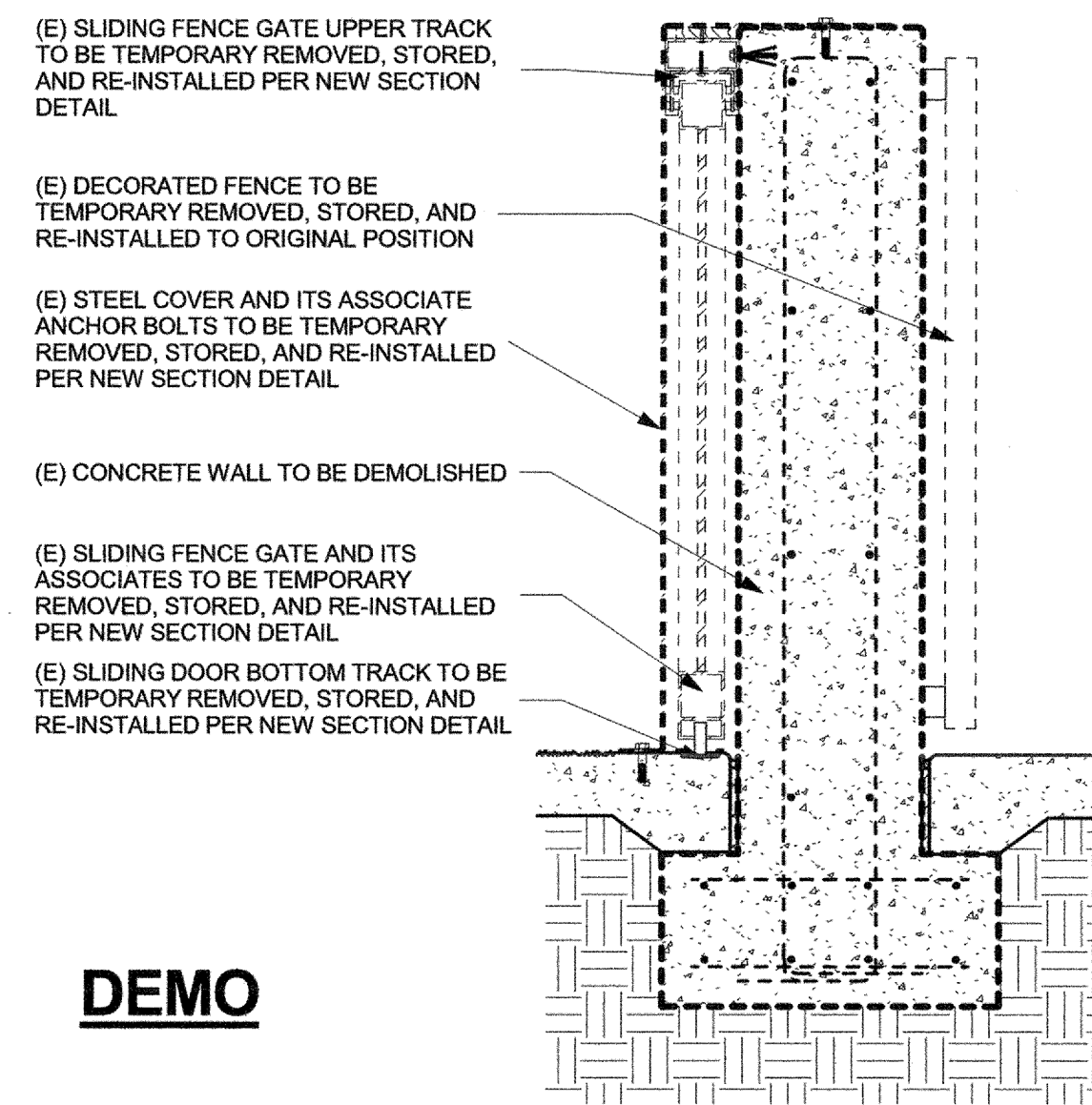
No.	Description	Date
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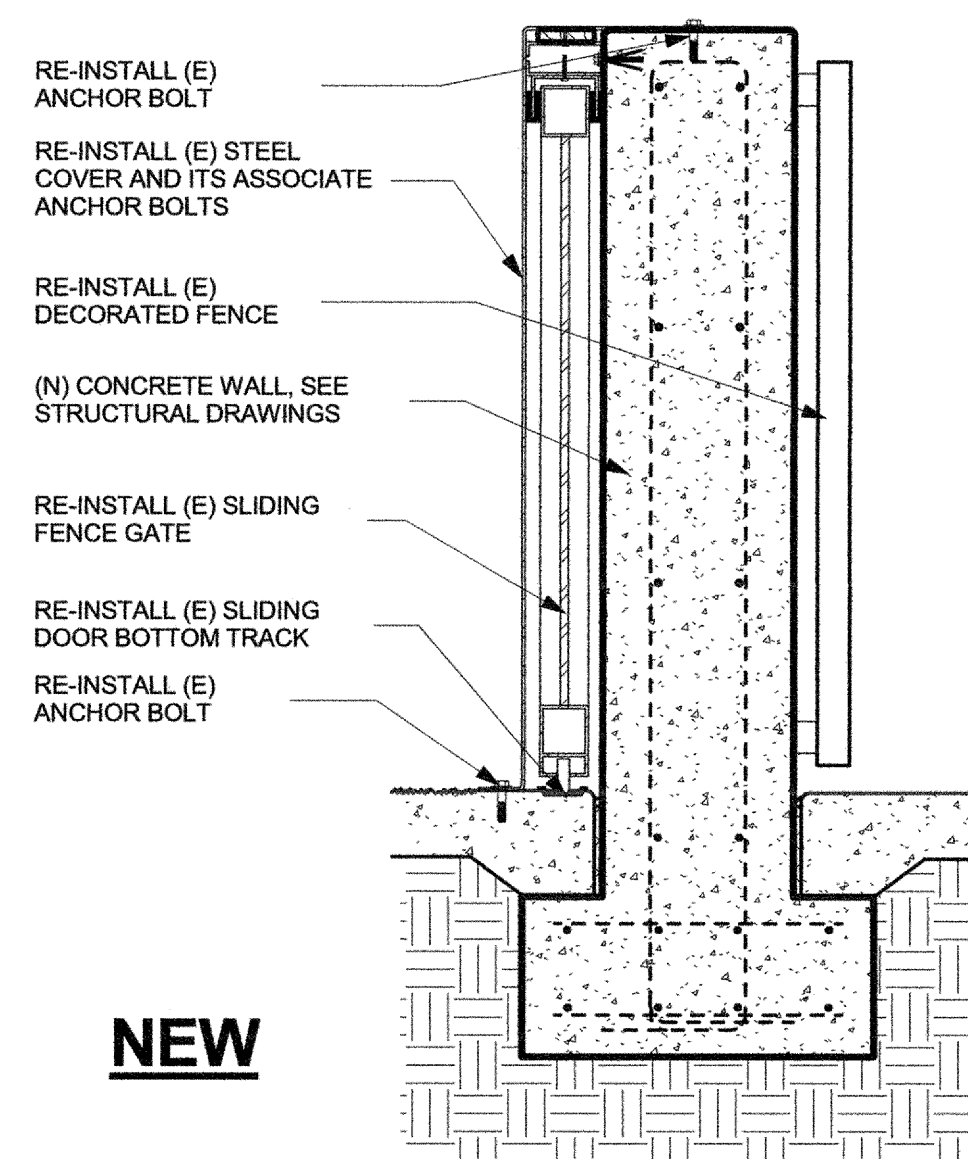
8 ENTRANCE GATE - PLAN
SCALE: 1/8" = 1'-0"



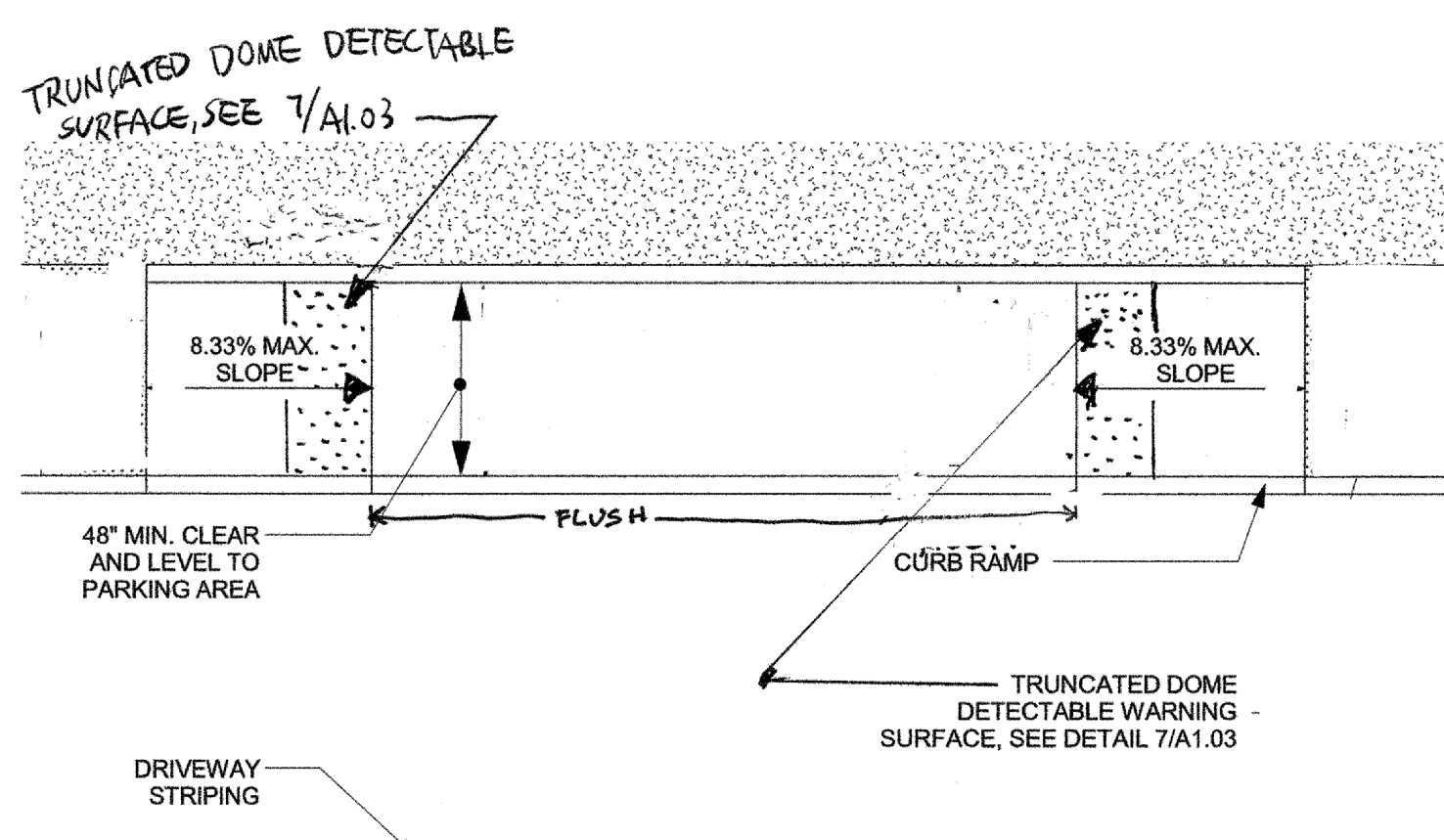
NEW



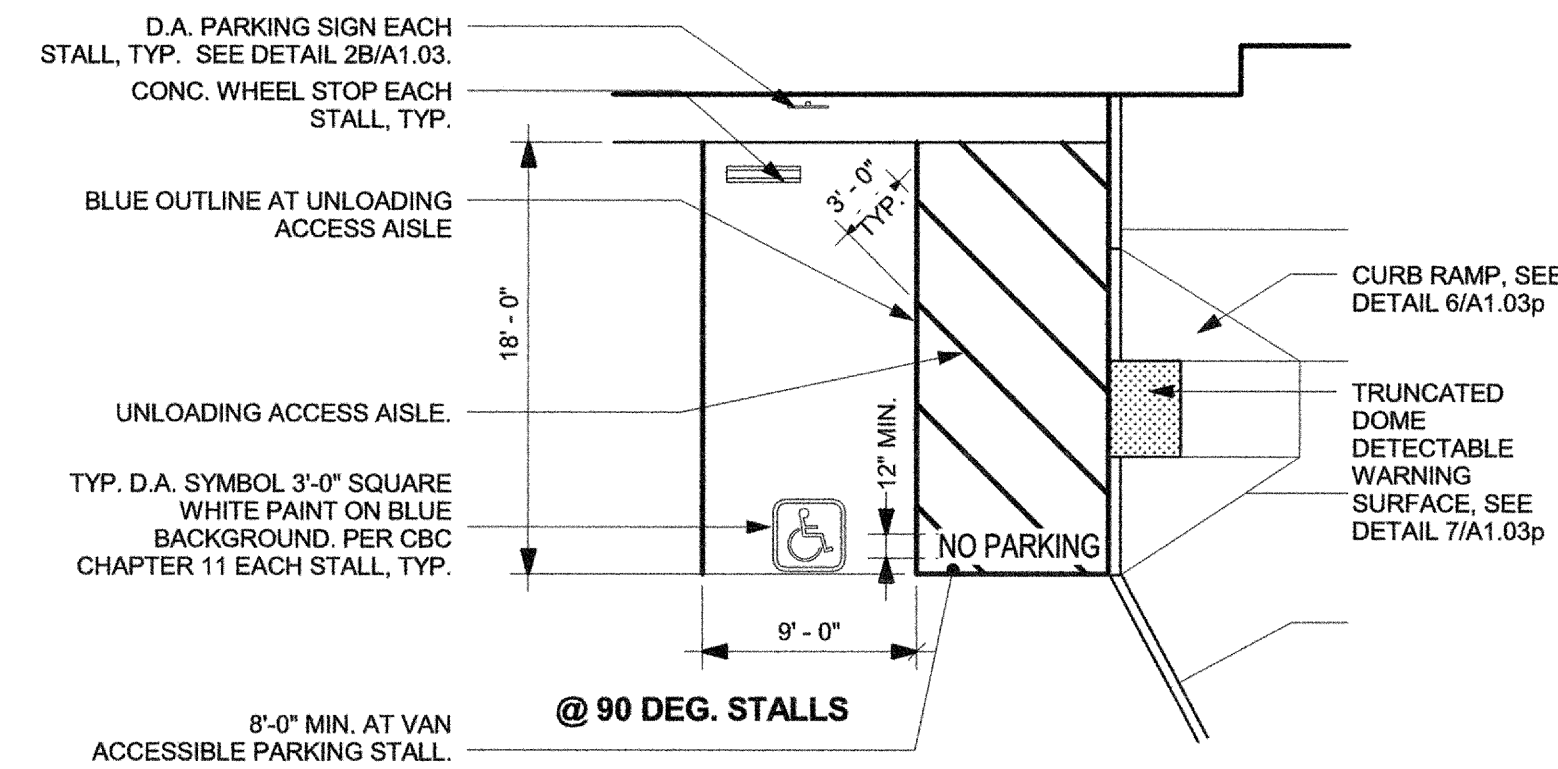
9 ENTRANCE GATE - SECTION
SCALE: 1" = 1'-0"



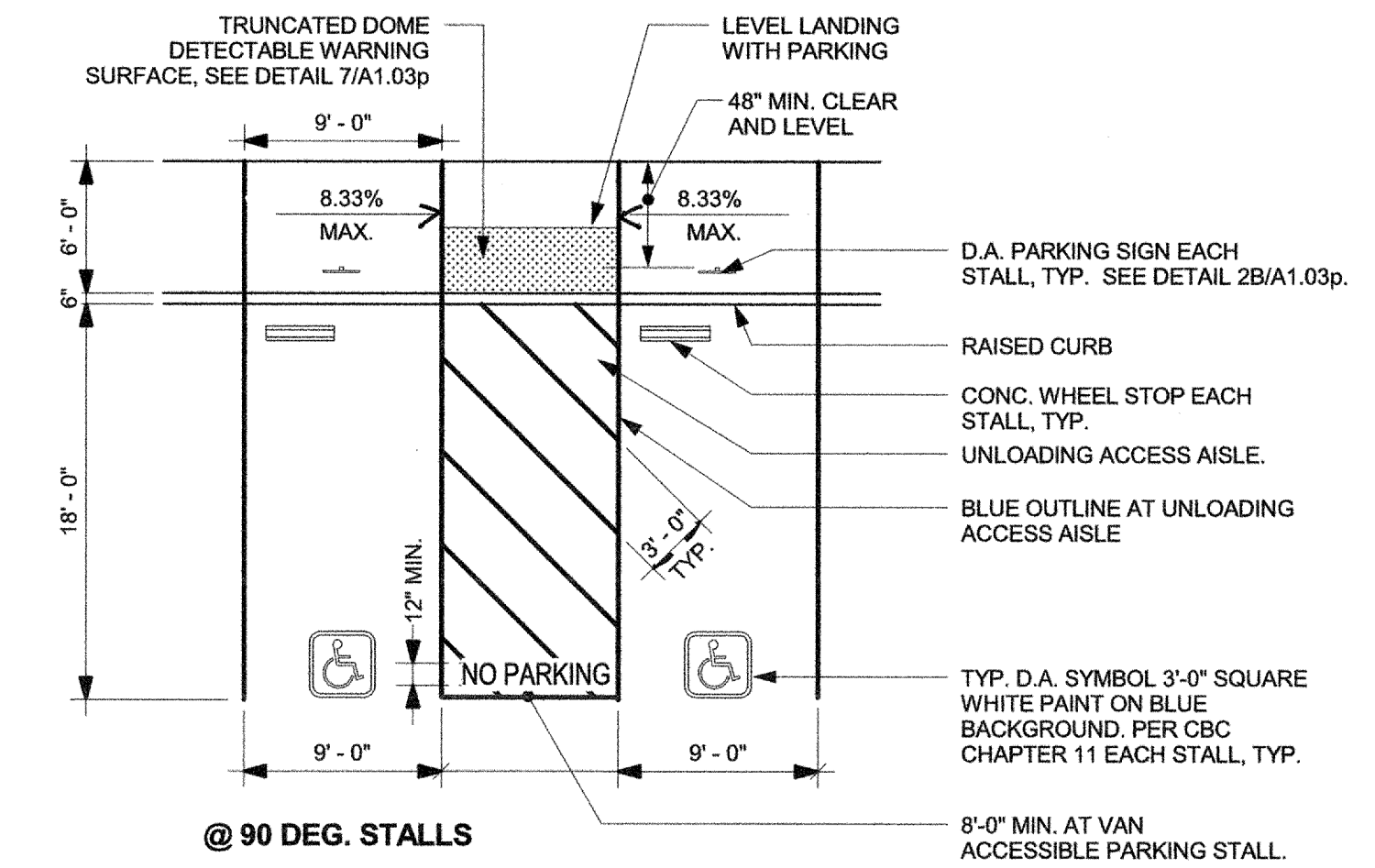
NEW



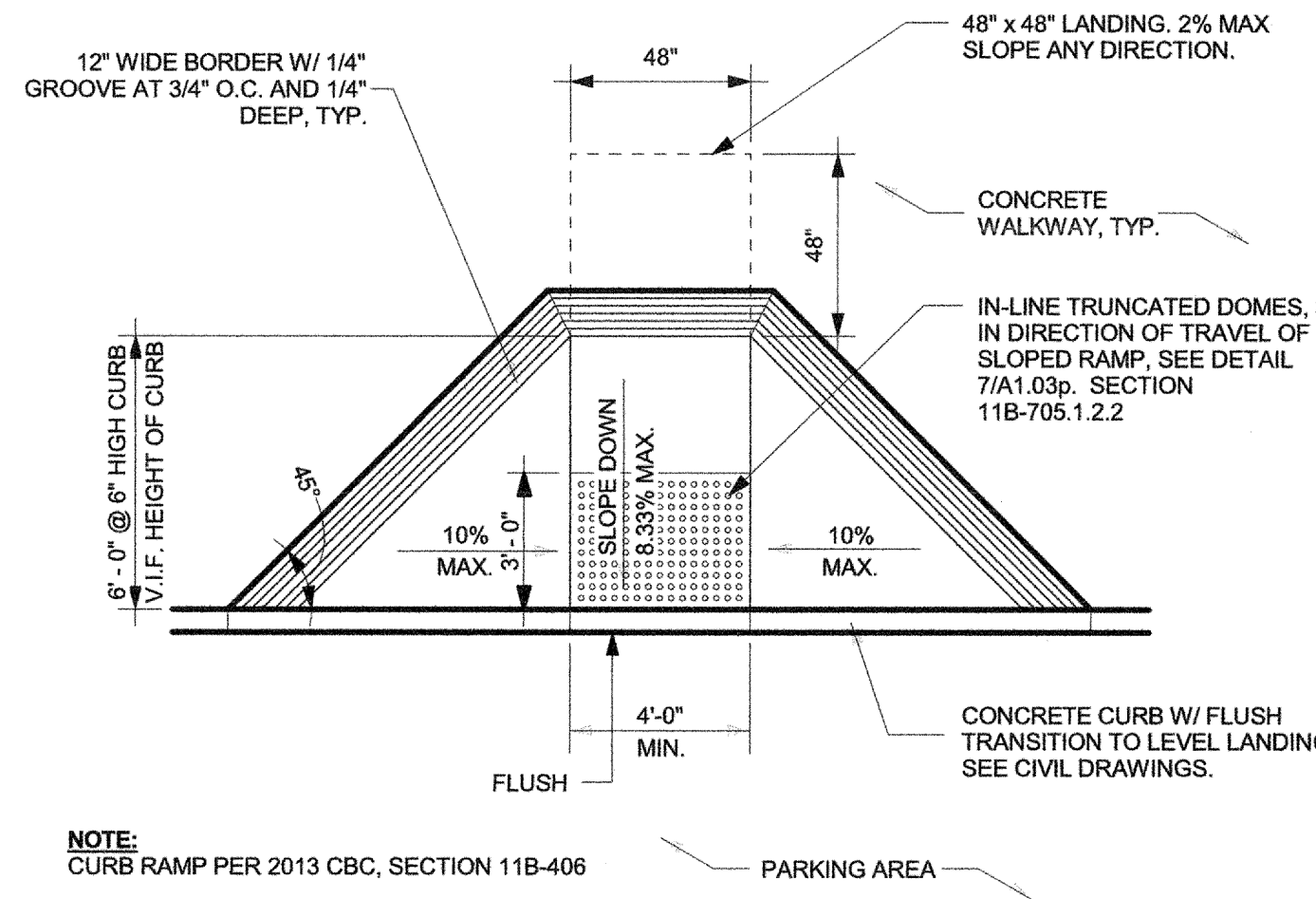
10 DROP OFF AREA
SCALE: 3/16" = 1'-0"



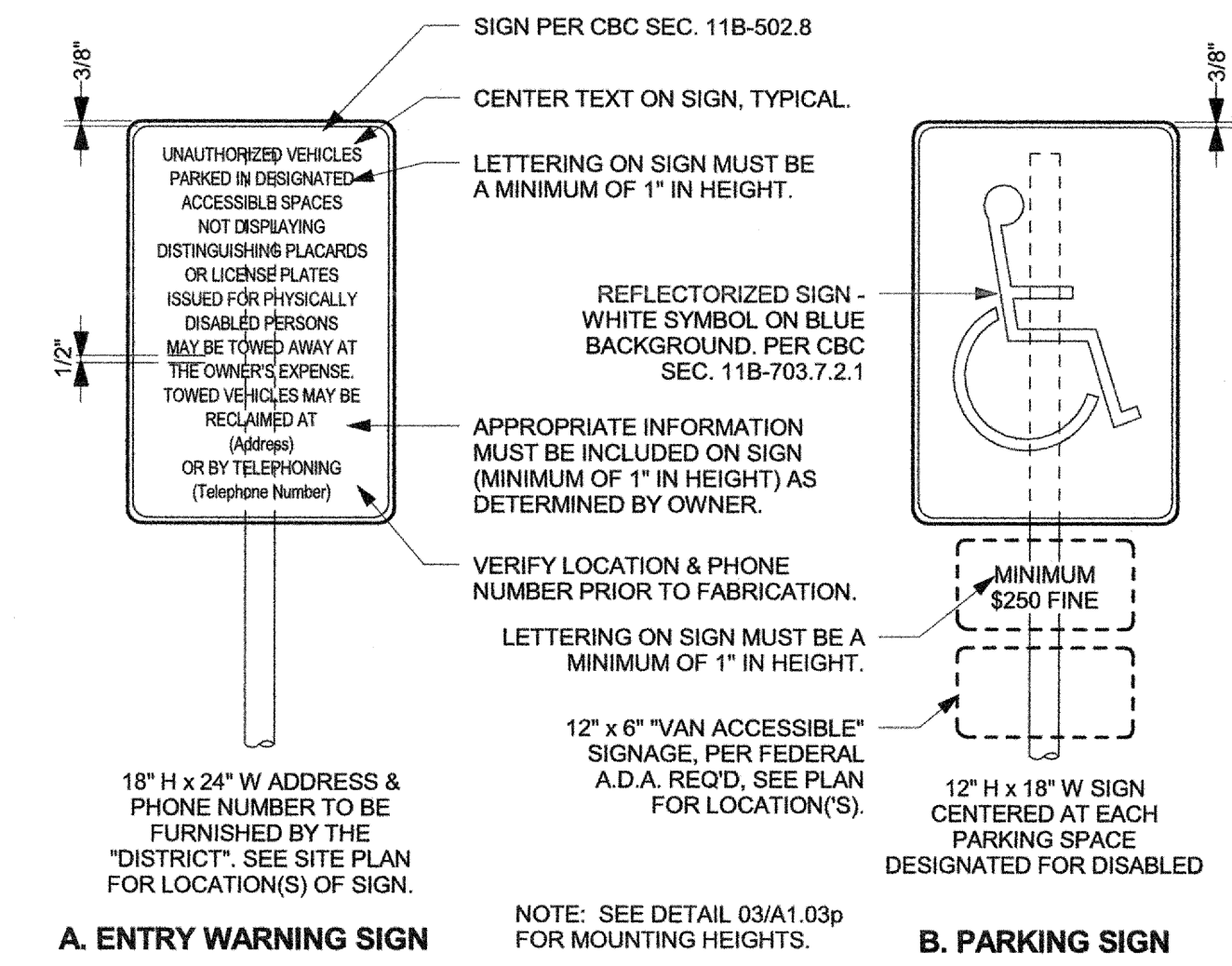
5 D.A. PARKING STALL DETAIL
SCALE: 1/8" = 1'-0"



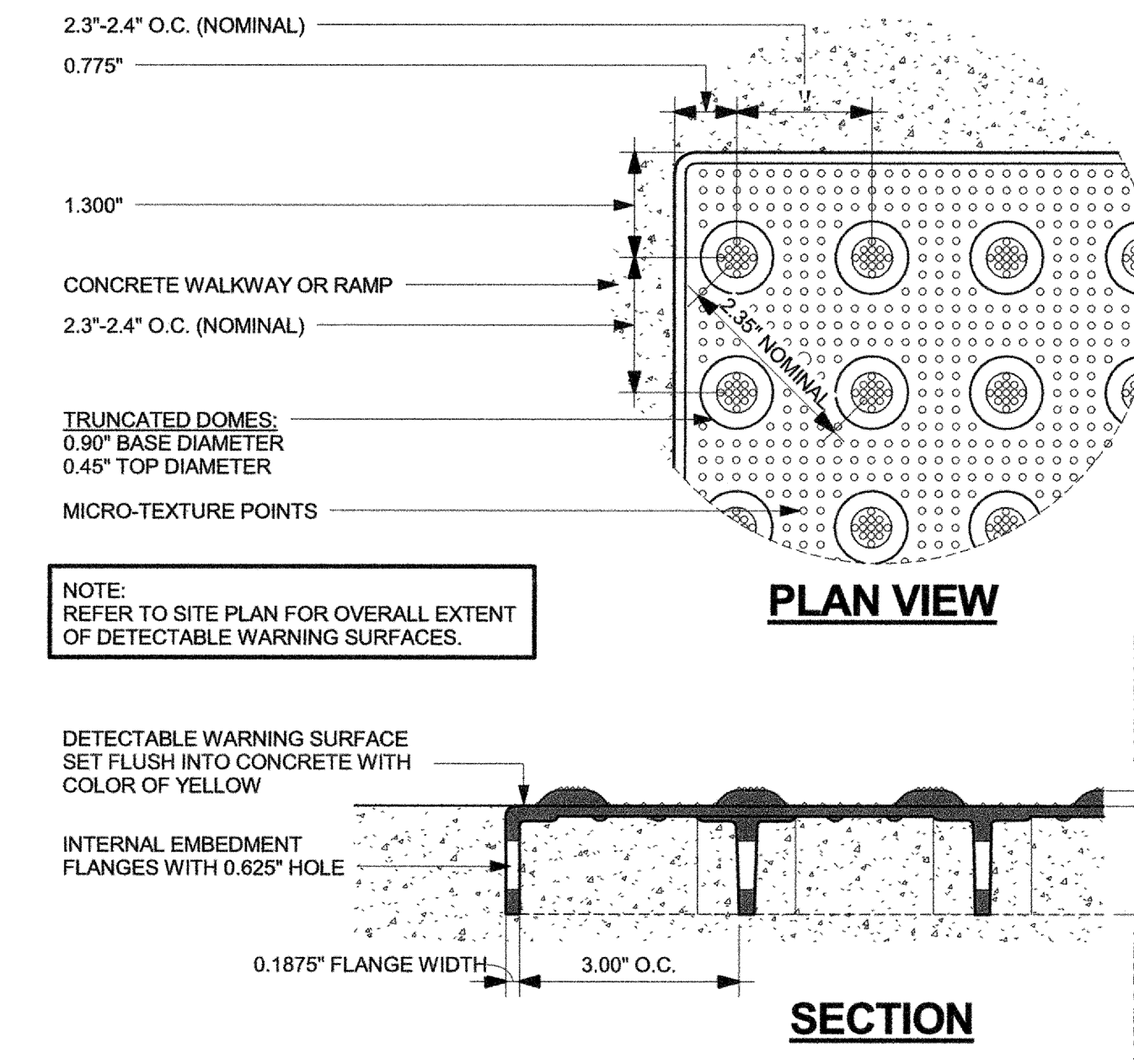
1 D.A. PARKING STALL DETAIL
SCALE: 1/8" = 1'-0"



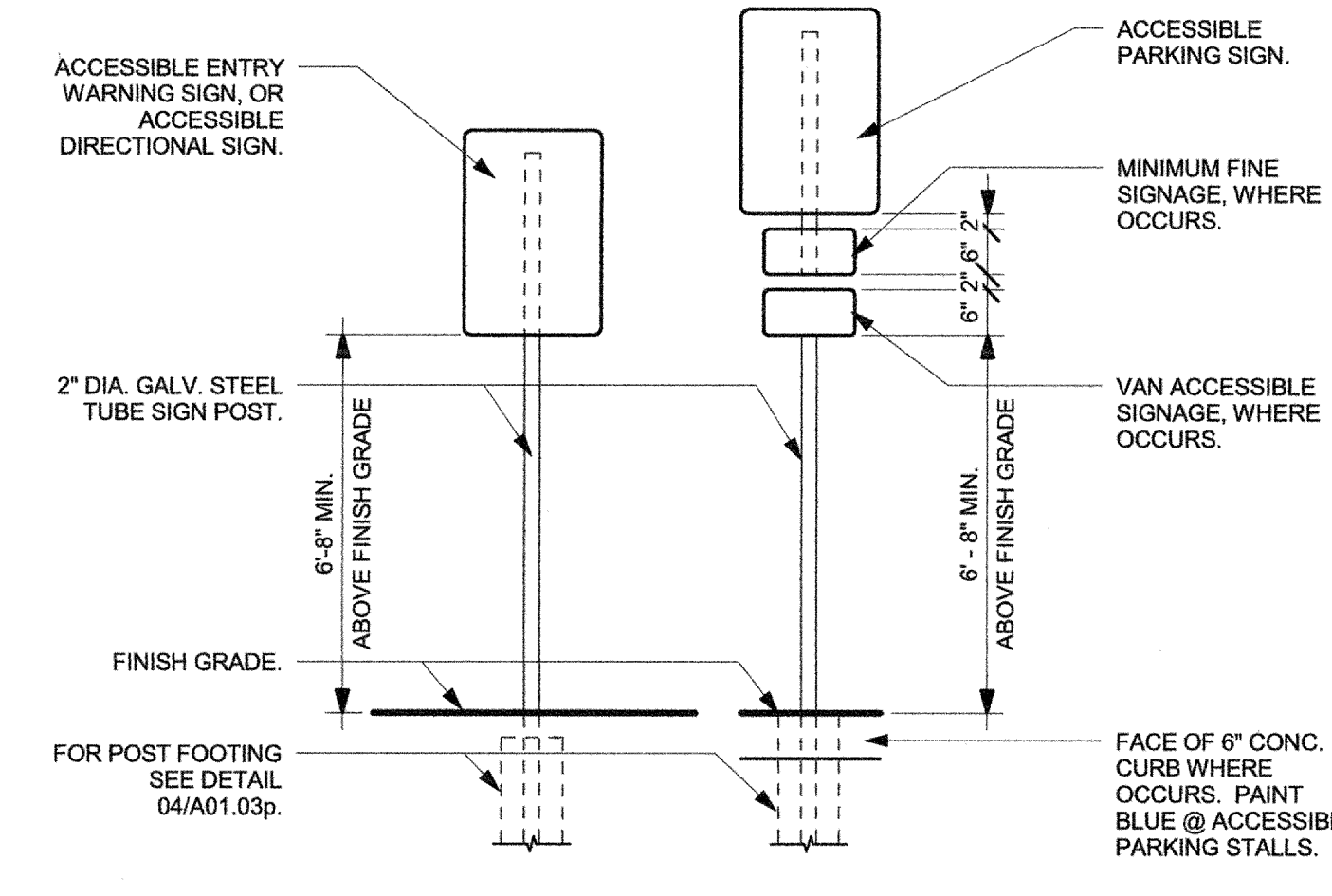
6 CURB RAMP DETAIL
SCALE: 1/4" = 1'-0"



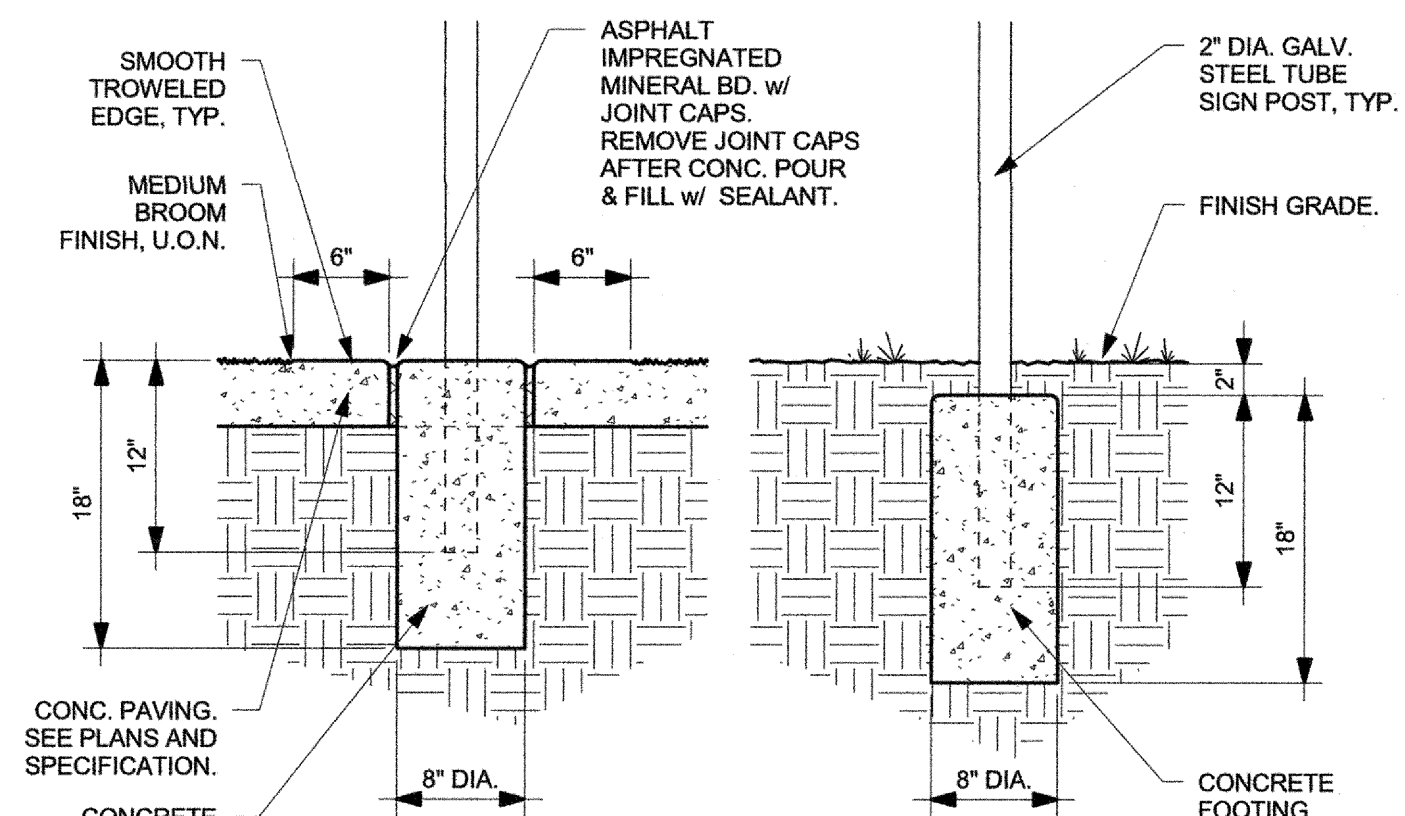
2 ACCESSIBLE PARKING SIGNS
SCALE: 1" = 1'-0"



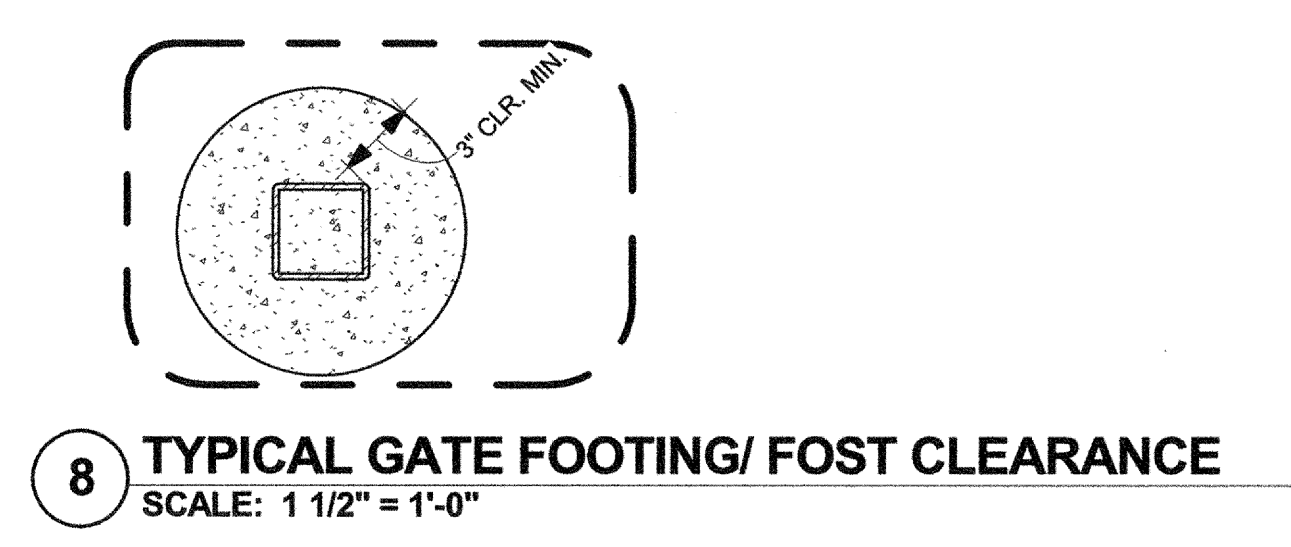
7 TRUNCATED DOMES
SCALE: 1" = 1'-0"



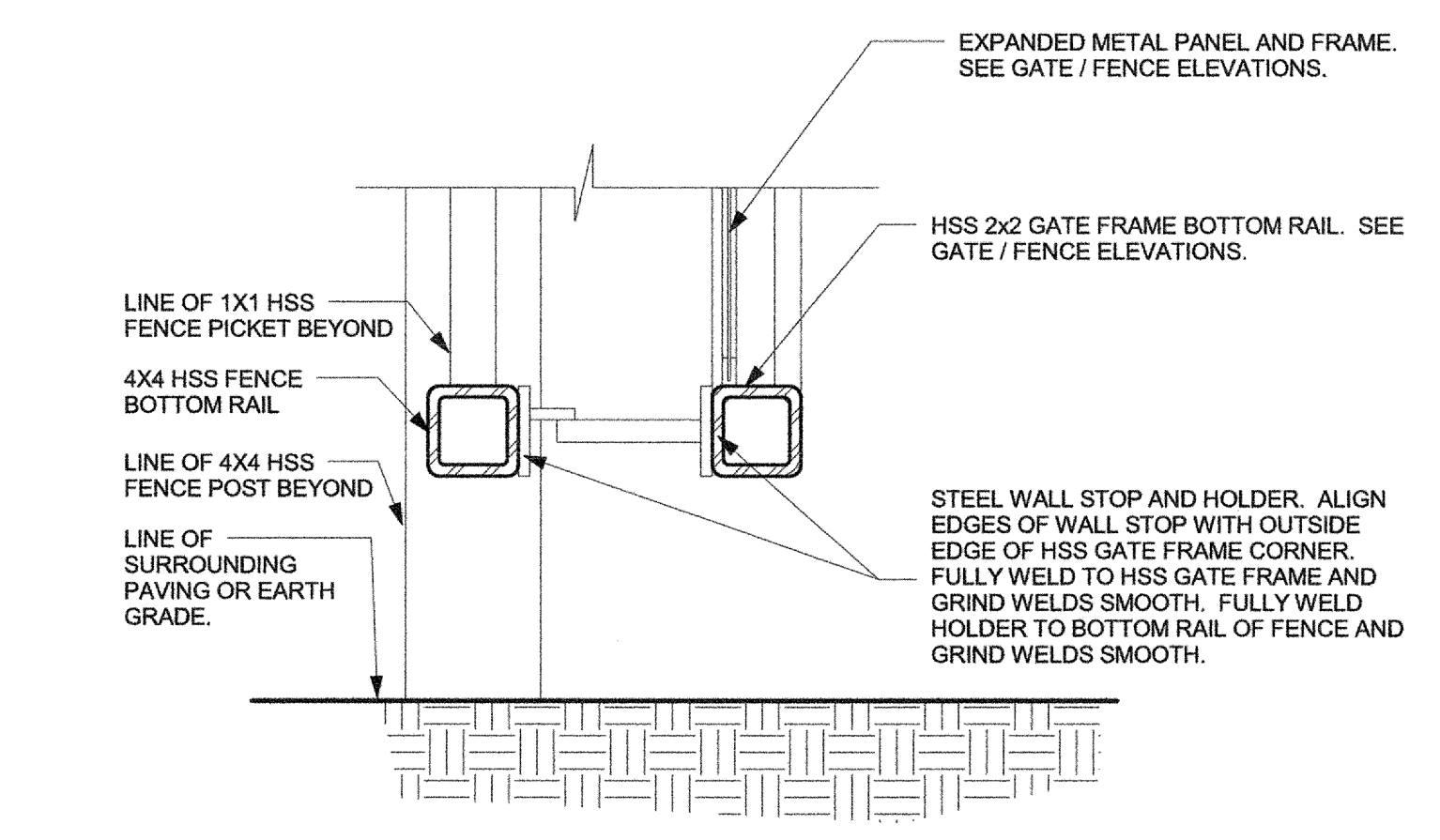
3 SITE SIGN MOUNTING DETAIL
SCALE: 1/2" = 1'-0"



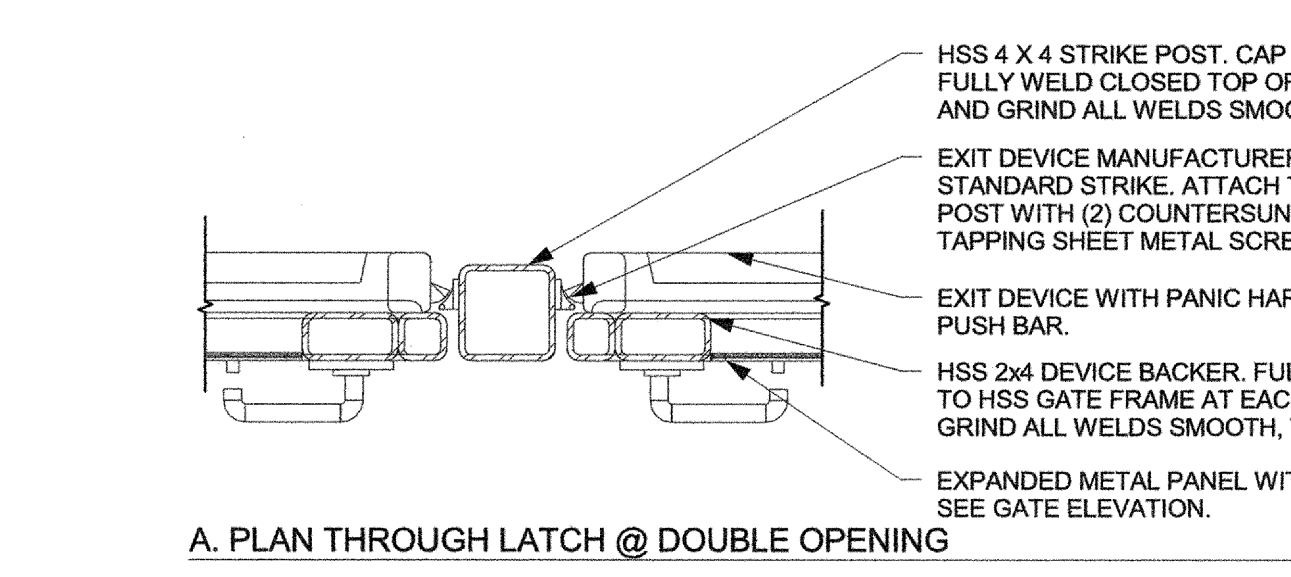
4 SITE SIGN FOOTING DETAIL
SCALE: 1" = 1'-0"



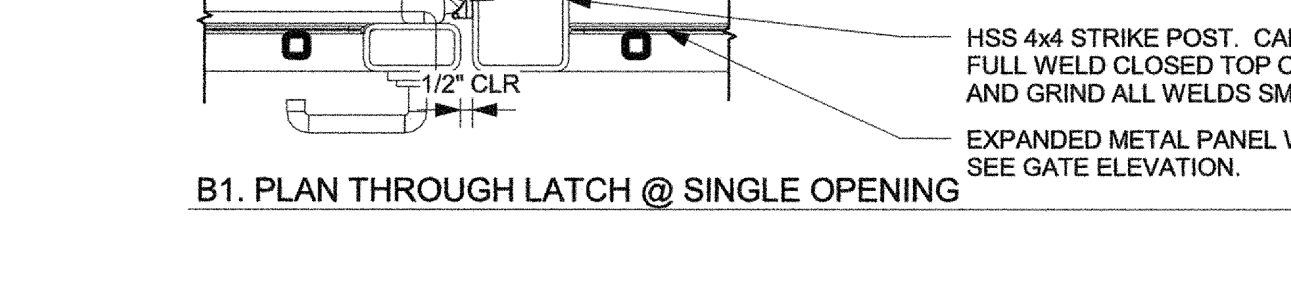
8 TYPICAL GATE FOOTING/POST CLEARANCE
SCALE: 1 1/2" = 1'-0"



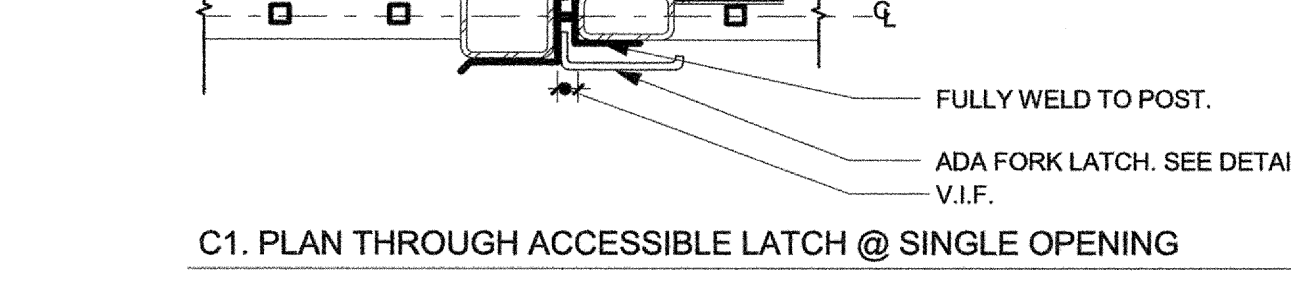
4 SECTION AT DOOR HOLDER
SCALE: 3" = 1'-0"



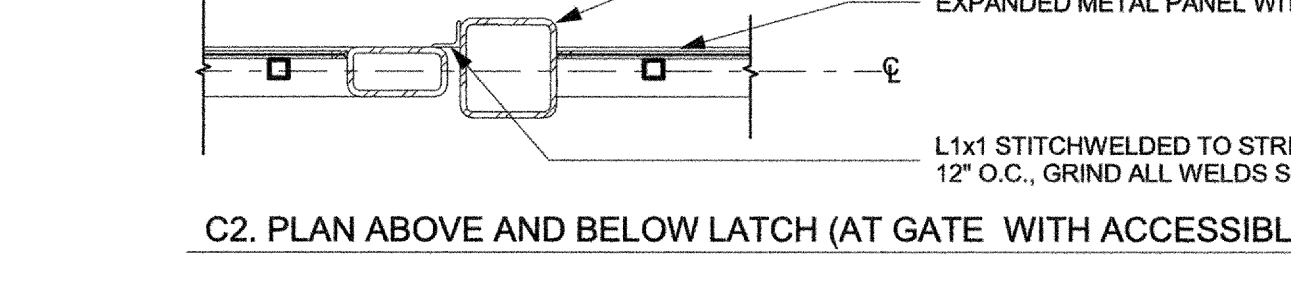
A. PLAN THROUGH LATCH @ DOUBLE OPENING
SCALE: 3/4" = 1'-0"



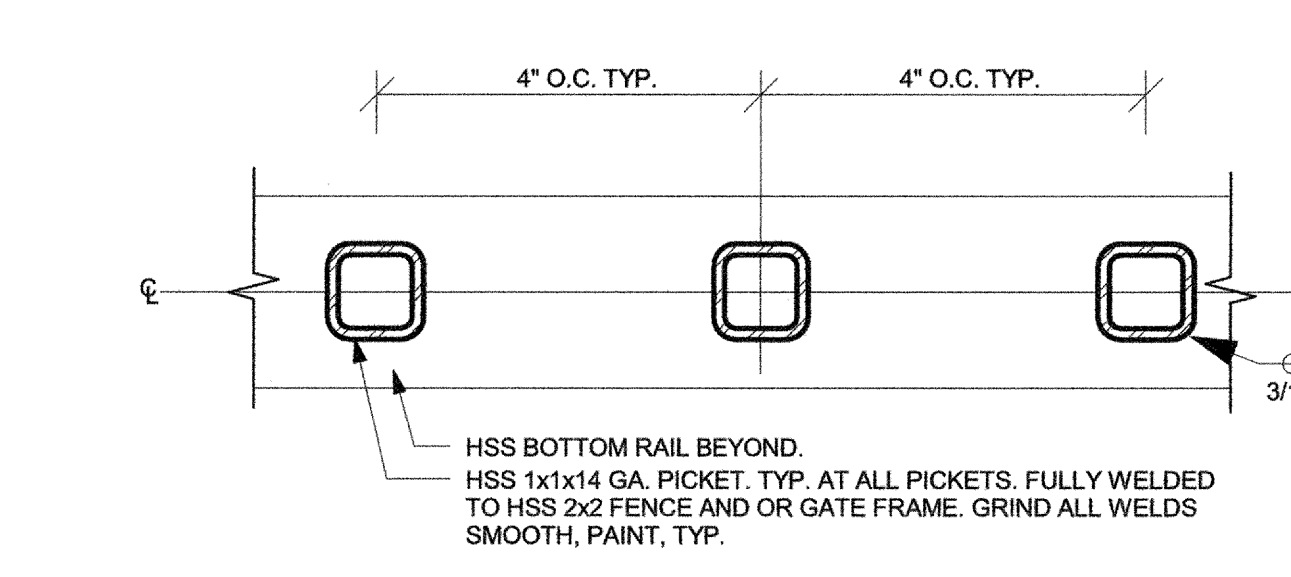
B1. PLAN THROUGH LATCH @ SINGLE OPENING
SCALE: 3/4" = 1'-0"



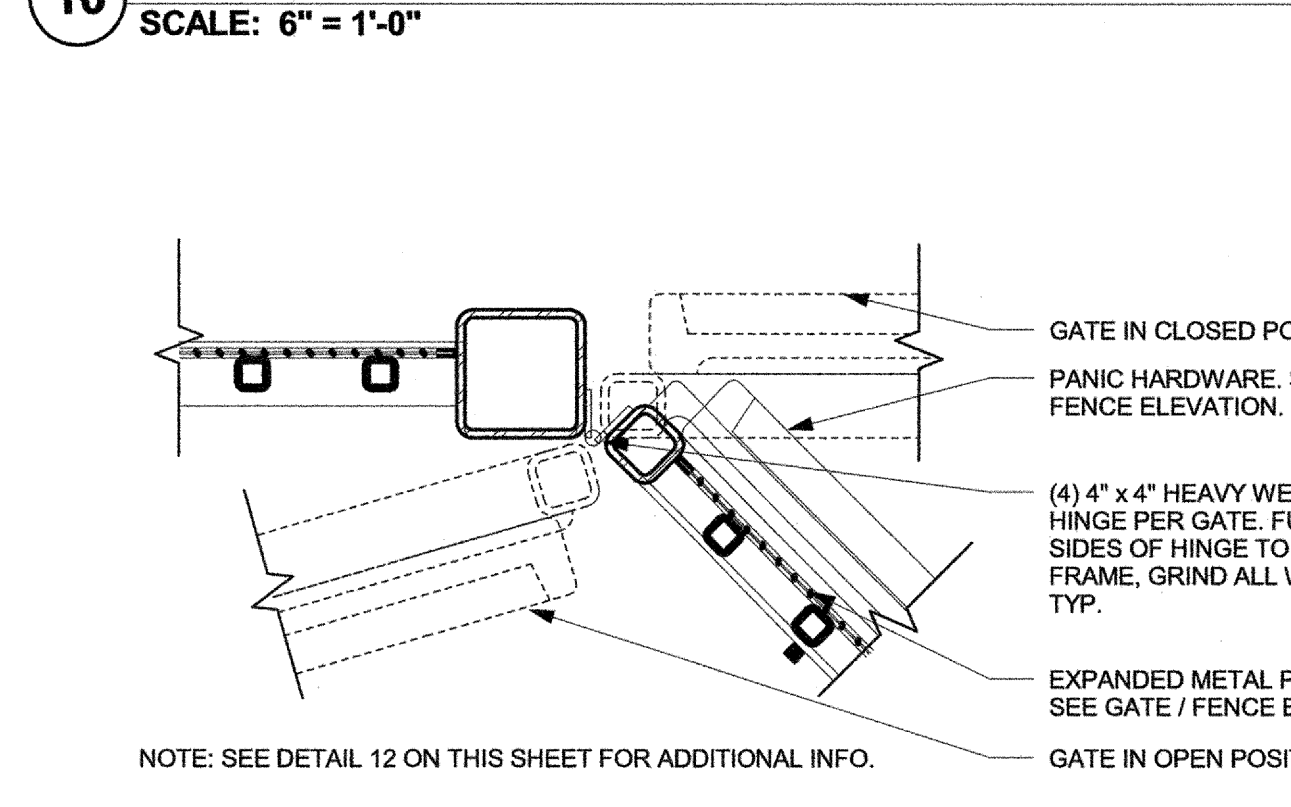
C1. PLAN THROUGH ACCESSIBLE LATCH @ SINGLE OPENING
SCALE: 3/4" = 1'-0"



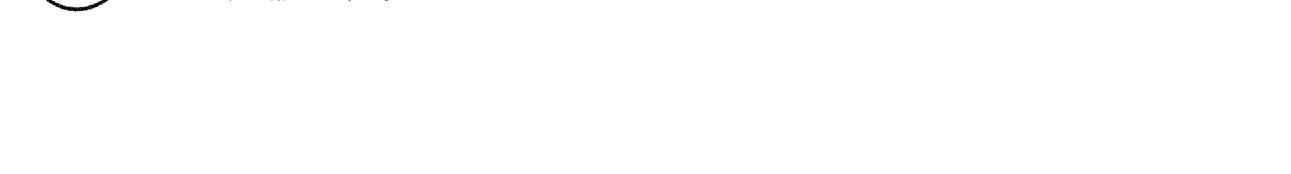
C2. PLAN ABOVE AND BELOW LATCH (AT GATE WITH ACCESSIBLE LATCH)
SCALE: 3/4" = 1'-0"



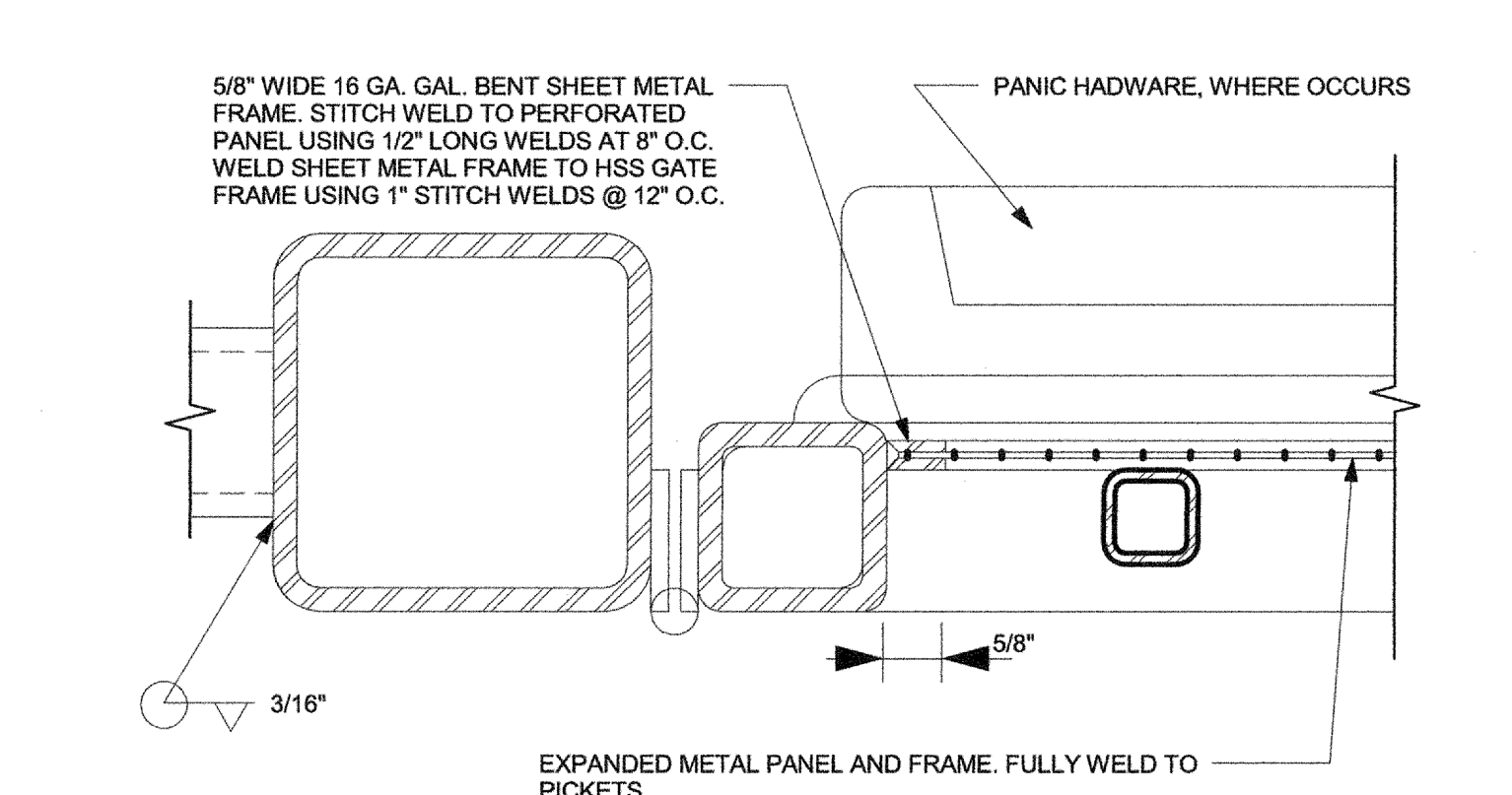
9 TYPICAL GATE STRIKE DETAIL
SCALE: 1 1/2" = 1'-0"



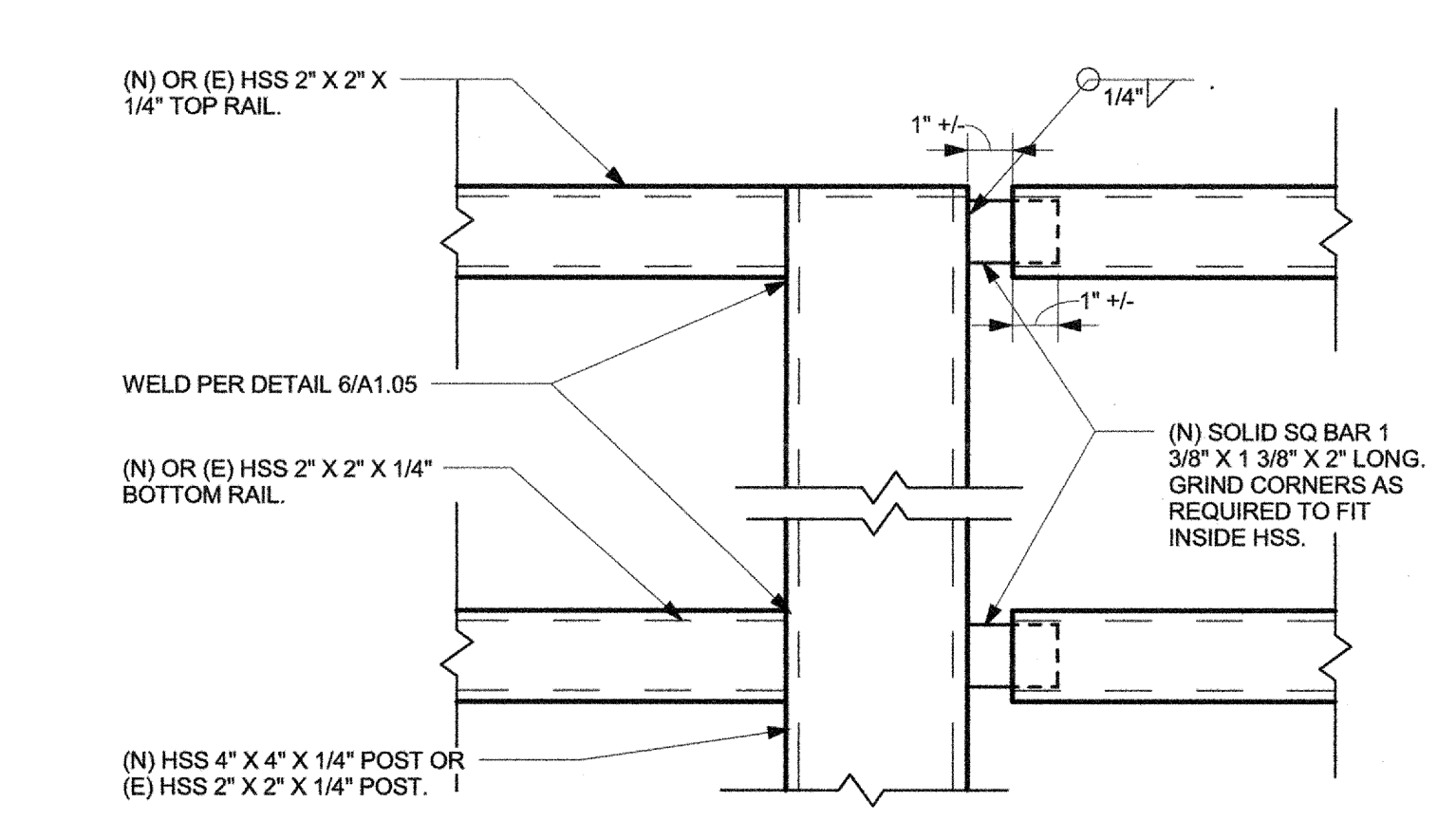
10 SECTION THROUGH T.S. PICKETS
SCALE: 6" = 1'-0"



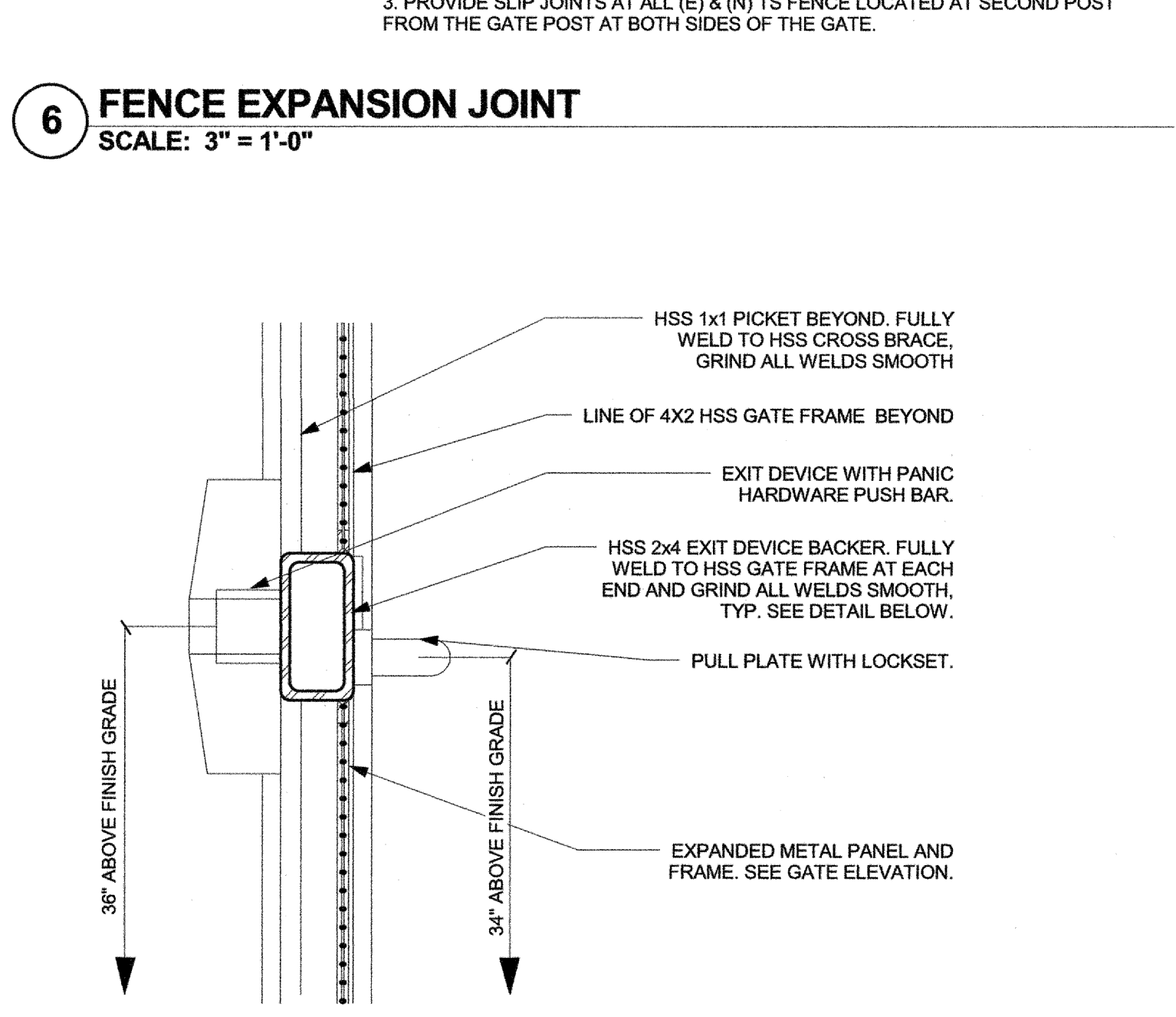
11 TUBE STEEL GATE JAMB DETAIL
SCALE: 2" = 1'-0"



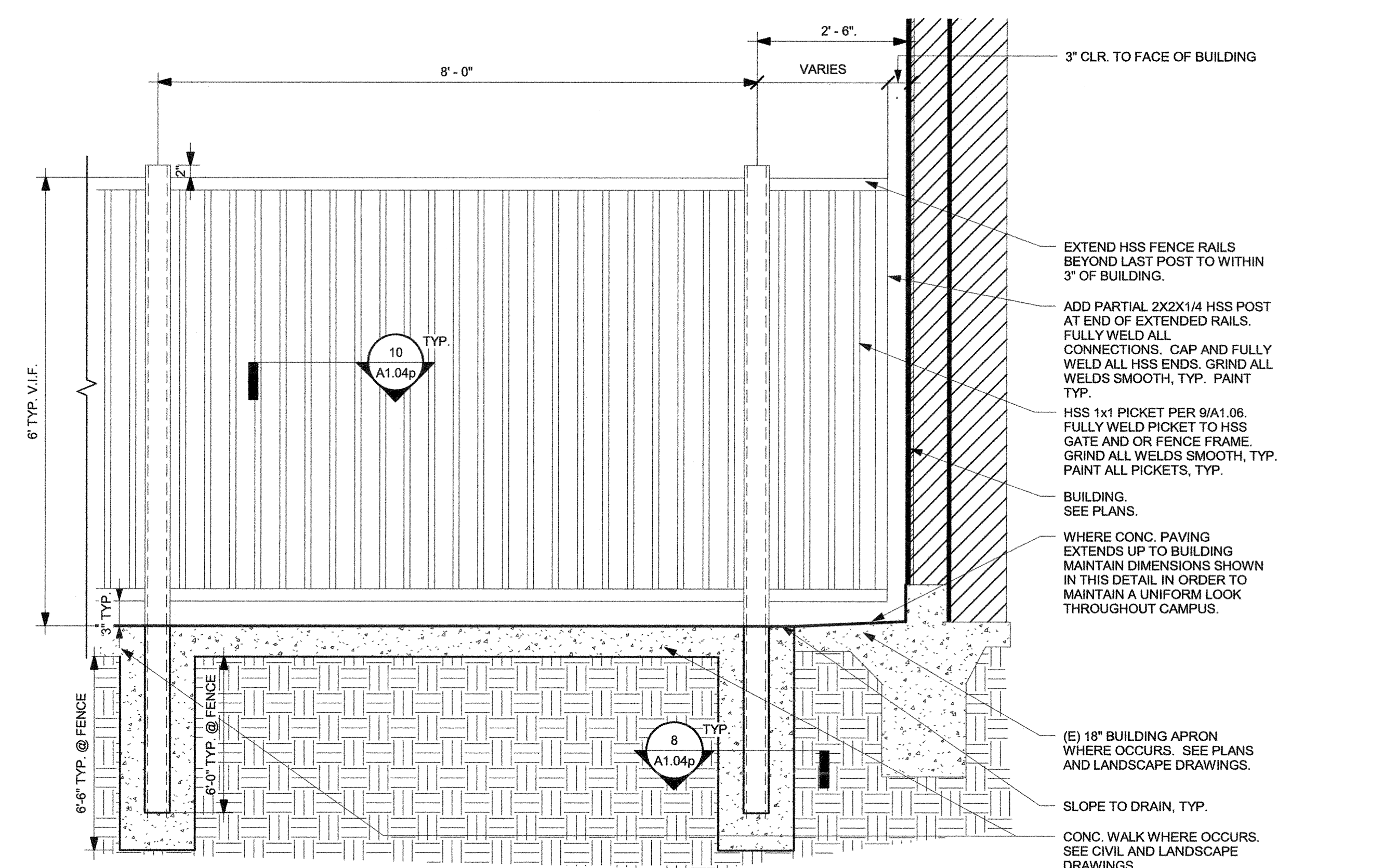
5 SECTION THROUGH PANEL FRAME @ T.S. GATE JAMB
SCALE: 6" = 1'-0"



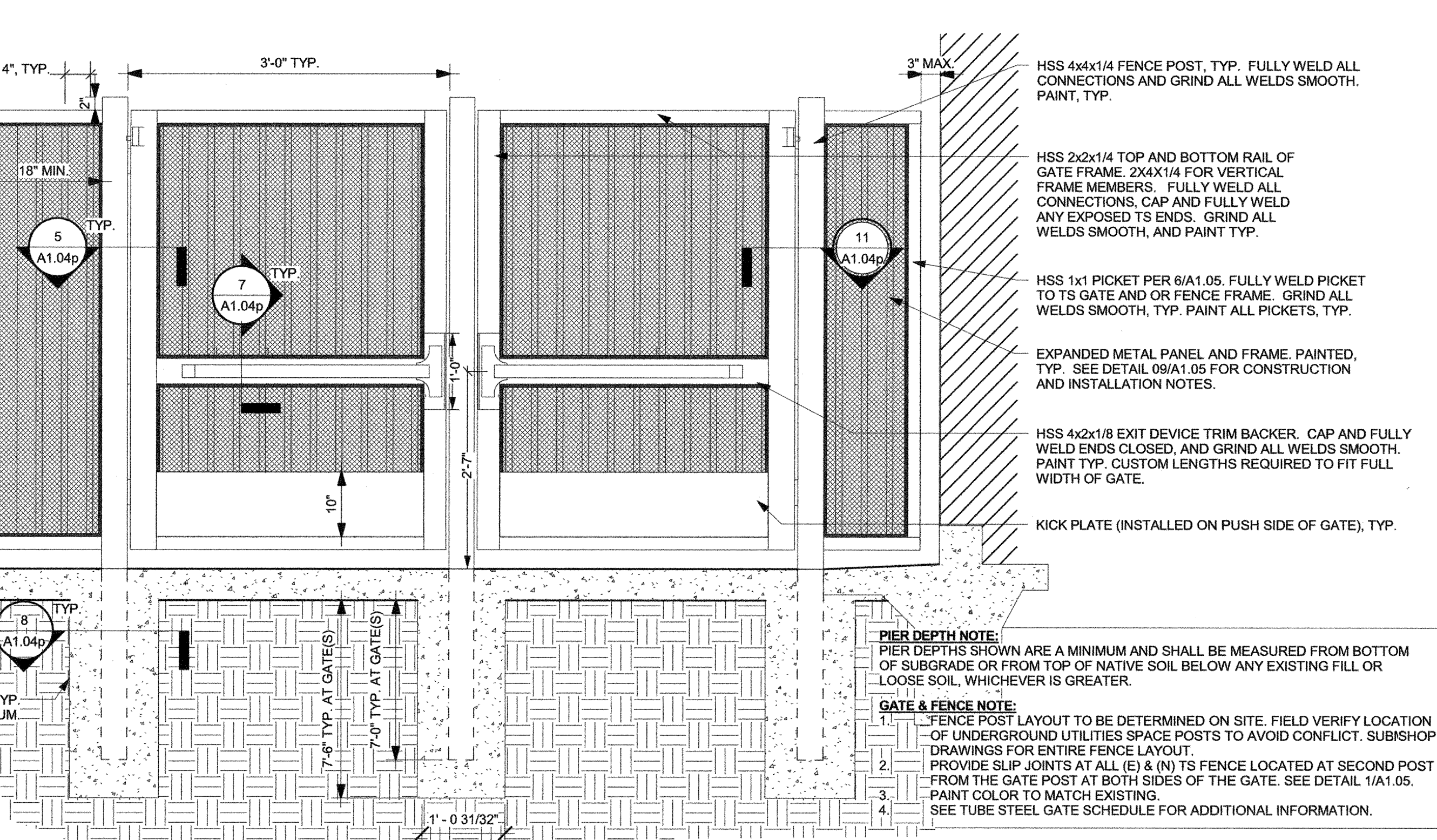
6 FENCE EXPANSION JOINT
SCALE: 3" = 1'-0"



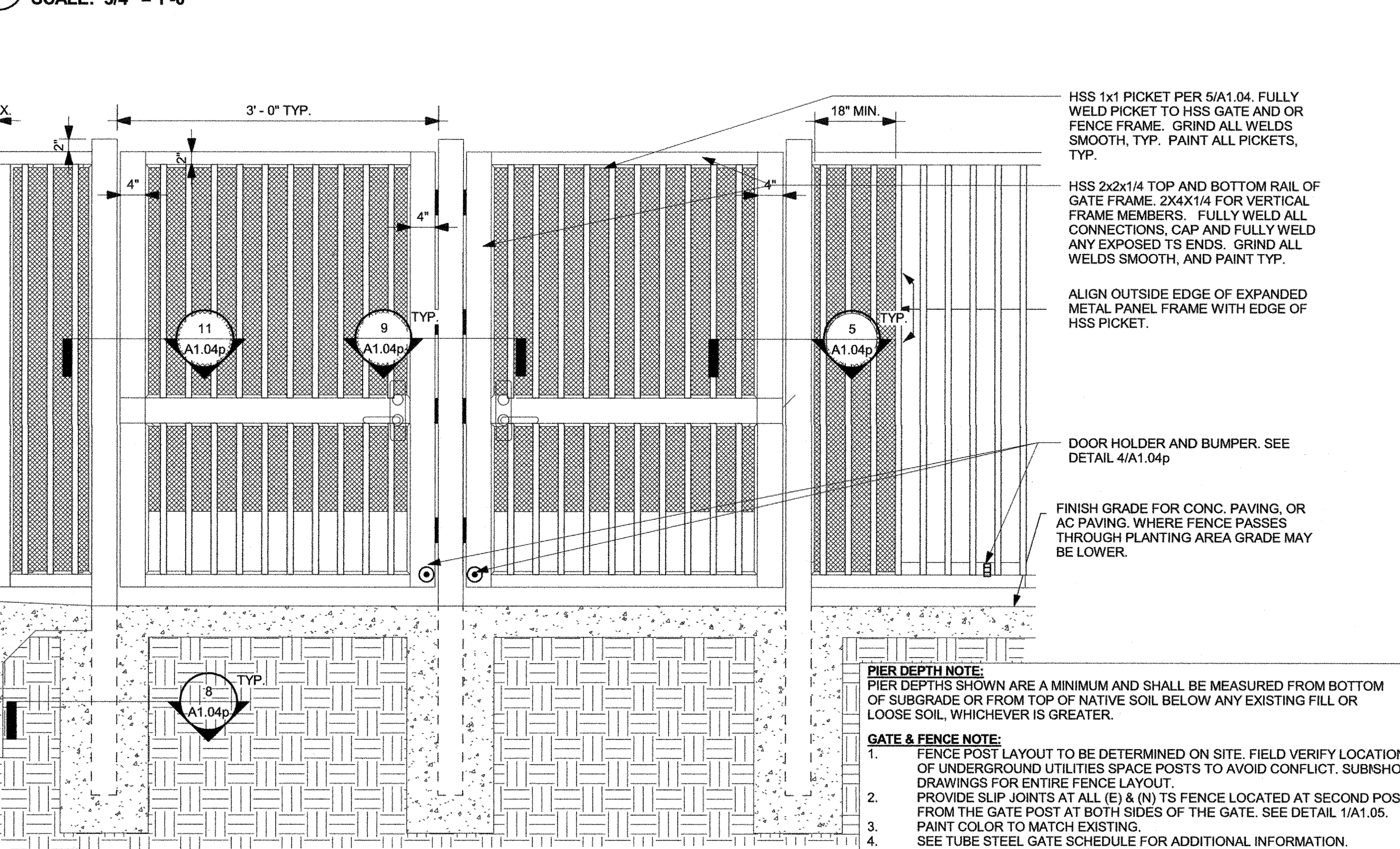
7 SECTION THROUGH PANIC PUSH BAR
SCALE: 3" = 1'-0"



A- PARKING (TS FENCE) ELEVATION AT EXT. BLDG. WALL TYP.
SCALE: 3/4" = 1'-0"



1 INSIDE ELEVATION @ SINGLE GATE ENTRY
SCALE: 3/4" = 1'-0"



2 OUTSIDE ELEVATION @ SINGLE GATE ENTRY
SCALE: 3/4" = 1'-0"

PROJECT

CONSULTANT

STAMP

STATE

DSA FILE NUMBER 43-E PDP
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPL # 01-116369
AC FL SS
DATE 04/26/2017

REVISIONS

No.	Description	Date
1		

MILESTONES

SD
DD
25% CD
50% CD
75% CD
DSA SUB

SHEET

SITE DETAILS - FENCE

DATE 04/26/2017
JOB # 2014037.01
SHEET #

A1.04p

GENERAL NOTES

- 1. CONTRACTOR IS RESPONSIBLE TO OBTAIN A COMPLETE SET OF CONTRACT DOCUMENTS, ADDENDA, DRAWINGS, AND SPECIFICATIONS. PRIOR TO SUBMITTING PROPOSAL, CONTRACTOR SHALL EXAMINE ARCHITECTURAL, STRUCTURAL AND MECHANICAL CONSTRUCTION DRAWINGS AND SPECIFICATIONS AND SHALL HAVE VISITED THE CONSTRUCTION SITE... 2. ALL TEMPORARY CONNECTIONS SHALL BE CONSIDERED PART OF THIS CONTRACT AND NO EXTRA CHARGES WILL BE ALLOWED... 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF PERSONS AND PROPERTY AND SHALL PROVIDE INSURANCE COVERAGE AS NECESSARY FOR LIABILITY, PERSONAL AND PROPERTY DAMAGE...

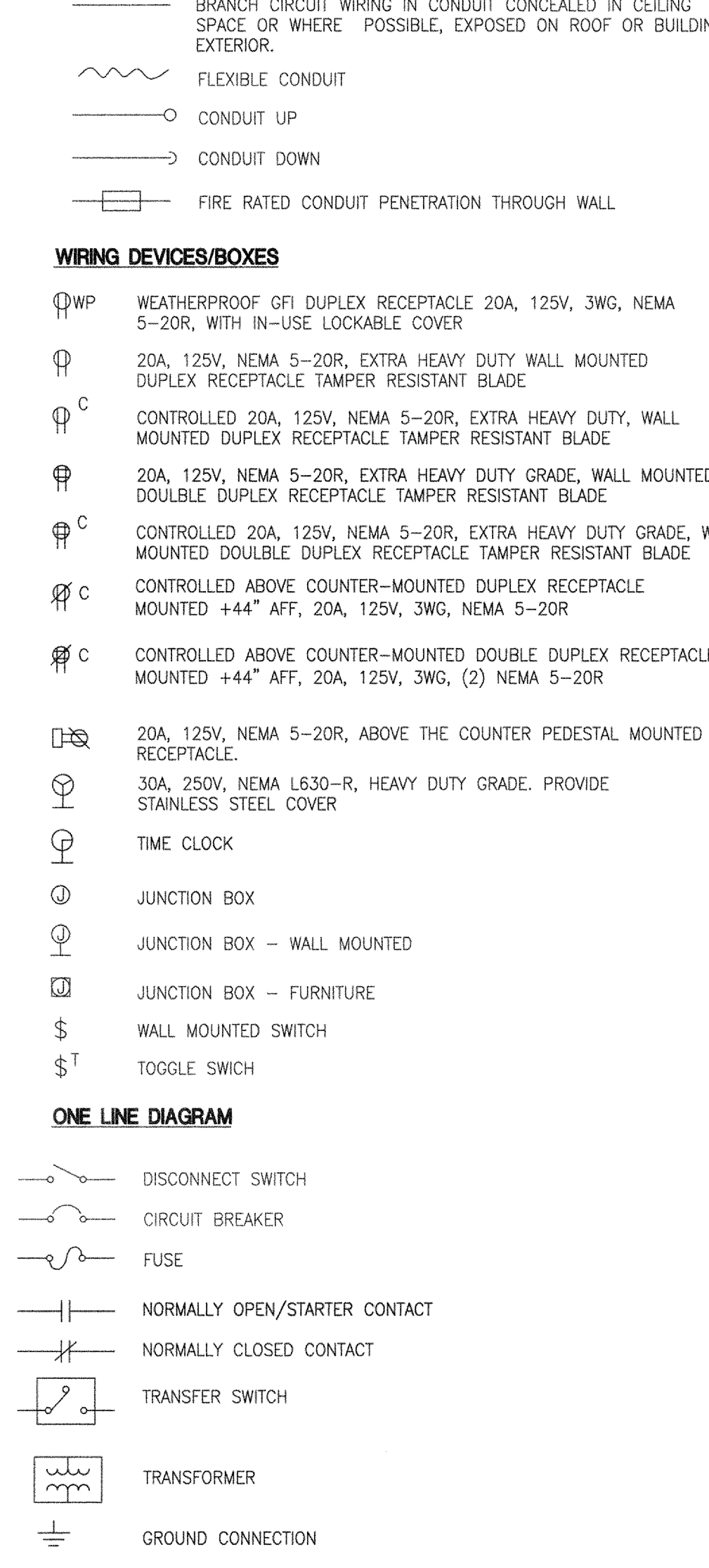
DEMOLITION NOTES

- 1. REMOVE EXISTING EQUIPMENT IN CONFLICT WITH NEW CONDITIONS. REMOVE ALL WIRE NOT IN SERVICE AND FROM ABANDONED RACEWAYS. PROTECT EXISTING CIRCUITING PASSING THROUGH DEMOLITION AREAS... 2. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO DISCONNECT AND REMOVE ALL EXISTING ELECTRICAL EQUIPMENT AFFECTED BY THE PROJECT... 3. CIRCUIT NUMBERS AND CONDUIT HOMERUNS SHOWN ON THESE DRAWINGS WERE TAKEN FROM EXISTING RECORD DRAWINGS... 4. WHERE EXISTING CONDUIT IS TO BE ABANDONED OR DEMOLISHED, THE CONDUIT SHALL BE REMOVED IF IT IS EXPOSED, IN A CRAWL SPACE OR IN AN ACCESSIBLE CEILING...

SUMMARY OF WORK

PROVIDE POWER AND LIGHTING FOR PARKING LOT LIGHTS AND STUB UP CONDUITS IN PULLBOXES.

SYMBOLS



ABBREVIATIONS

Table listing abbreviations and their meanings: AMPERE (KV), ALTERNATING CURRENT (KVA), AMPERES FUSE OR AMPERES FRAME (KW), ABOVE FINISH FLOOR (LTS), AMPERE INTERRUPTING CAPACITY (LV), ALTERNATE (MAX), AMPERE SWITCH (MBA), AMPERES TRIP (MSB), AUTOMATIC TRANSFER SWITCH (MTD), APPROXIMATE (APPROX), ARCHITECT (ARCH), ASSEMBLY (ASSY), AUTOMATIC (AUTO), AMERICAN WIRING GAGE (AWG), BUILDING (BLDG), CONDUIT (C), CABINET (CAB), CEILING (CLG), CIRCUIT (CRT), CONDUIT ONLY (C.O.), CONTROL PANEL (CP), COPPER (CU), DEMOLITION (DEMO), DEPARTMENT (DEPT), DETAIL (DTL), SQUARE (SQ), SYSTEM (SYS), TEMPERATURE (TEMP), TYPICAL (TYP), EACH (EA), ELECTRICAL (ELEC), EMERGENCY (EM), EQUAL (EQ), FUTURE (F<F>), FUTURE (FMT), FIRE SMOKE DAMPER (W/O), FOOT OR FEET (FT), G. GND (GND), GAUGE (GA), GROUND FAULT INTERRUPTER (GFI), HORSEPOWER (HP), HOUSE SERVICE PANEL (HSP), HERTZ (HZ), KILOVOLT (KV), KILOVOLT AMPERE (KVA), KILOWATT (KW), LIGHTS (LTS), LOW VOLTAGE (LV), MAXIMUM (MAX), MAIN SWITCHBOARD (MSB), MOUNTED (MTD), NEW (NEW), NOT APPLICABLE (N/A), NATIONAL ELECTRICAL CODE (NEC), NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION (NEMA), NOT IN CONTRACT (NIC), NOT TO SCALE (NTS), OCCUPANCY SENSOR (OS), PULL BOX (PB), PHASE (PH), PANEL (PNL), ROOM (RM), SEE ARCHITECTURAL DRAWINGS (SAD), SQUARE FOOT/FEET (SF), SHEET (SHT), SQUARE (SQ), SYSTEM (SYS), TEMPERATURE (TEMP), TYPICAL (TYP), UNDERGROUND (UG), UNLESS OTHERWISE NOTED (UNLESS OTHERWISE NOTED), UNINTERRUPTIBLE POWER SUPPLY (UPS), VOLT (V), WIRY IN FIELD (WF), WAIT (W), FIRE SMOKE DAMPER (W/O), WITHOUT (W/O), WIRELESS ACCESS POINT (WAP), WEATHERPROOF (WP), WEIGHT (WT), TRANSFORMER (XFRM)

APPLICABLE CODES

- UNLESS OTHERWISE INDICATED OR SPECIFIED, PERFORM THE WORK IN CONFORMANCE WITH THE LATEST EDITIONS OF ALL APPLICABLE REGULATORY REQUIREMENTS, INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: 1. CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24); 2013 2. CALIFORNIA BUILDING CODE (PART 2, TITLE 24); 2012 IBC WITH 2013 CA AMENDMENTS 3. CALIFORNIA ELECTRICAL CODE (PART 3, TITLE 24); 2011 NEC WITH 2013 CA AMENDMENTS 4. CALIFORNIA MECHANICAL CODE (PART 4, TITLE 24); 2012 UMC WITH 2013 CA AMENDMENTS 5. CALIFORNIA PLUMBING CODE (PART 5, TITLE 24) 2012 UPC WITH 2013 CA AMENDMENTS 6. CALIFORNIA ENERGY CODE (PART 6, TITLE 24); 2013 7. CALIFORNIA HISTORICAL BUILDING CODE, (PART 8, TITLE 24); 2013 8. CALIFORNIA FIRE CODE (PART 9, TITLE 24); 2012 IFC WITH 2013 CA AMENDMENTS 9. CALIFORNIA EXISTING BUILDING CODE (PART 10, TITLE 24); 2012 (INTERNATIONAL EXISTING BUILDING CODE WITH 2013 CA AMENDMENTS) 10. CALIFORNIA GREEN BUILDING STANDARDS CODE OR CAL GREEN (PART 11, TITLE 24); 2013 11. CALIFORNIA REFERENCED STANDARDS CODE (PART 12, TITLE 24); 2013 12. PUBLIC SAFETY (TITLE 19), STATE FIRE MARSHAL; 2013 13. NFPA 72, NATIONAL FIRE ALARM CODE, 2013 EDITION W/ CA AMENDMENTS

EXTERIOR LIGHTING

EXTERIOR LIGHTING

Table with columns: TYPE, SYMBOL, MANUFACTURER, CATALOG NO., VOLTAGE, MAX. VA., LAMPING, MOUNTING, NOTE. Includes entries for parking lot LED single fixtures.

- NOTES: 1. CONFIRM FIXTURE LENGTHS, INCLUDING ARM LENGTHS, PRIOR TO ORDERING. 2. CONFIRMING MOUNTING STYLE OF FIXTURE PRIOR TO ORDERING. 3. COORDINATE WITH DISTRICT ON EXACT MOUNTING ELEVATIONS. 4. COORDINATE INSTALLATION AND LOCATION OF FIXTURES WITH DISTRICT, ADJUST AS NECESSARY. 5. COORDINATE COLOR AND FINISHES WITH DISTRICT. 6. VERIFY VOLTAGES IN FIELD PRIOR TO ORDERING FIXTURES. 7. COORDINATE WIRING OF FIXTURES WITH MANUFACTURER.

aedis architects logo and contact information: 387 S. 1st Street, Suite 300 San Jose, CA 95113 tel: (408) 300-5160 fax: (408) 300-5121

PROJECT ESCUELA POPULAR NEW PARKING LOT

CONSULTANT SALAS O'BRIEN | expect a difference | 305 South 11th Street San Jose, California 95121-2218 408.282.1500 | 408.297.2995 (f) salasobrien.com

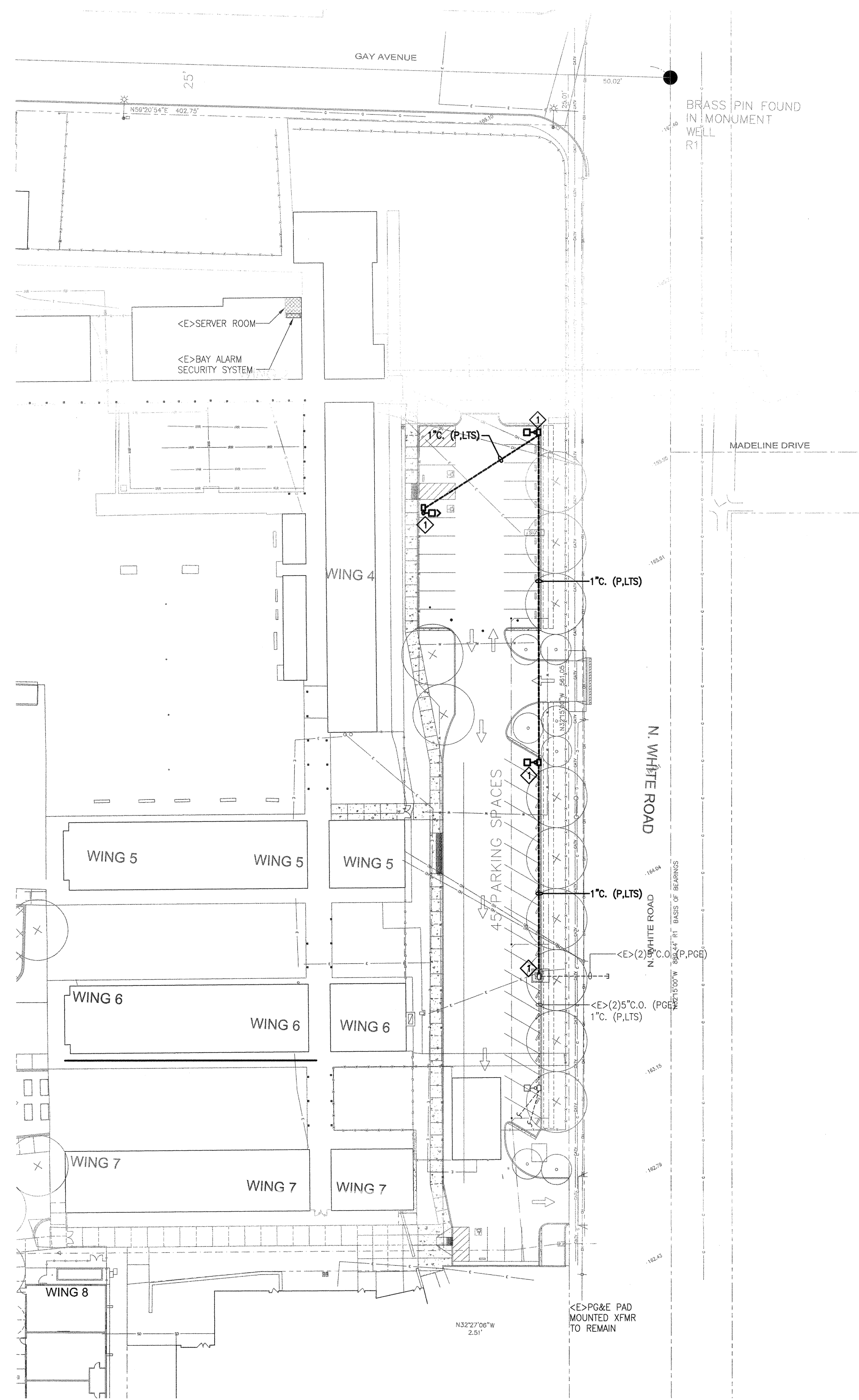
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REVISIONS table: No. Description Date. Revision 1: Description Date.

MILESTONES: SD, DD, 25% CD, 50% CD, 75% CD, DSA SUB.

SHEET ELECTRICAL GENERAL NOTES, SYMBOLS AND ABBREVIATIONS. DATE 04/26/17. JOB # 2014037.03/SOBE # 140497.1. SHEET # E-0p

Vertical text on the left margin: P:\Drawings\Mech\140497.1 - Parking of Escuela Popular\140497.1 - E-0p.dwg 12/22/2017 10:48 AM James Siga



GENERAL SHEET NOTES

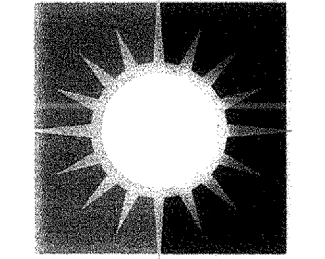
- A. CONDUCTORS SHALL BE 600V. RATED WITH THHN/THWN INSULATION AT 75 DEGREES CELSIUS. DESIGN OF FEEDERS IS BASED ON COPPER. ALUMINUM IS NOT ACCEPTABLE.
- B. CIRCUIT BREAKER TERMINALS IN SWITCHBOARDS AND LOAD CENTER SHALL BE UL LISTED AND APPROVED FOR USE COPPER 75 DEGREES CELSIUS CONDUCTORS.
- C. FINAL TERMINATIONS OF CONDUCTORS TO ELECTRICAL EQUIPMENT AND DEVICES SHALL BE TORQUE WRENCH TIGHTENED TO THE MANUFACTURER'S RECOMMENDED SPECIFICATION, NO EXCEPTIONS. PROVIDE NEUTRAL TEST AND PROOF OF TORQUE DURING FINAL INSPECTION FOR ALL UNITS.
- D. ELECTRICAL SERVICE DESIGN BASED ON IEM EQUIPMENT. COORDINATE AND ADJUST PER EQUIPMENT SUPPLIED.
- E. SIZES OF BREAKERS, SWITCHES, FUSES AND FEEDERS ARE BASED ON DESIGNED EQUIPMENT SIZES. THESE SIZES SHALL BE ADJUSTED TO SATISFY REQUIREMENTS OF ACTUAL INSTALLED OR SUBSTITUTE EQUIPMENT. UP SIZING OR DOWNSIZING OF FEEDERS SHALL BE PROVIDED WITHOUT ADDITIONAL COST TO THE OWNER.
- F. CONTRACTOR SHALL COORDINATE SIZES OF CIRCUIT BREAKERS, FUSES, SWITCHES AND FEEDERS WITH THE EQUIPMENT SCHEDULES SHOWN ON THE CIVIL DRAWINGS AND OTHER TRADES WHERE APPLICABLE. THE MORE RESTRICTIVE REQUIREMENTS SHALL GOVERN WHERE THERE ARE DISCREPANCIES BETWEEN INFORMATION SHOWN ON THE ELECTRICAL DRAWINGS AND OTHER TRADES.
- G. AS REQUIRED ALL OVERSIZED FEEDERS THAT WERE ADJUSTED IN SIZE TO COMPENSATE FOR VOLTAGE DROP SHALL BE PROVIDED WITH ADAPTER LUGS OR SPICE BOX. ADAPTER LUGS SHALL BE PROVIDED IF SIZE IS AVAILABLE. OTHERWISE PROVIDE CABLE SPLICES IN THE SPICE BOX TO REDUCE CABLES TO THE MAXIMUM SIZE THAT THE BREAKER LUGS CAN ACCOMMODATE.
- H. CONTRACTOR SHALL COORDINATE WITH PG&E. INSTALLATION SHALL BE PER THE LATEST EDITION OF PG&E GREEN BOOK. INCLUDE IN BID COSTS ALL NECESSARY INSPECTIONS AND TESTING AS REQUIRED PER PG&E.
- I. REFER TO LANDSCAPE DETAILS AND TREE AND PLANT PROTECTION SPECIFICATIONS FOR TREE AND PLANT PROTECTION REQUIREMENTS DURING CONSTRUCTION.

REFERENCE SHEET NOTES

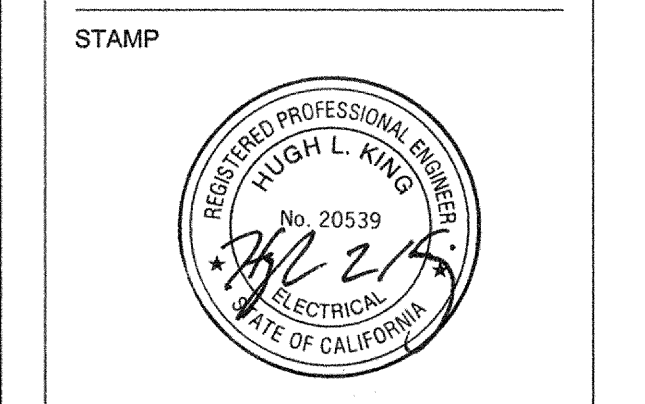
- ◇ PROVIDE WIRING AND ROUTE THROUGH EXISTING CONDUIT AND CONNECT TO EXISTING PARKING LOT LIGHTING.

PROJECT
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NEW PARKING LOT**

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STATE

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DATE **04/26/17**

REVISIONS

No.	Description	Date
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- MILESTONES
- SD
 - DD
 - 25% CD
 - 50% CD
 - 75% CD
 - DSA SUB

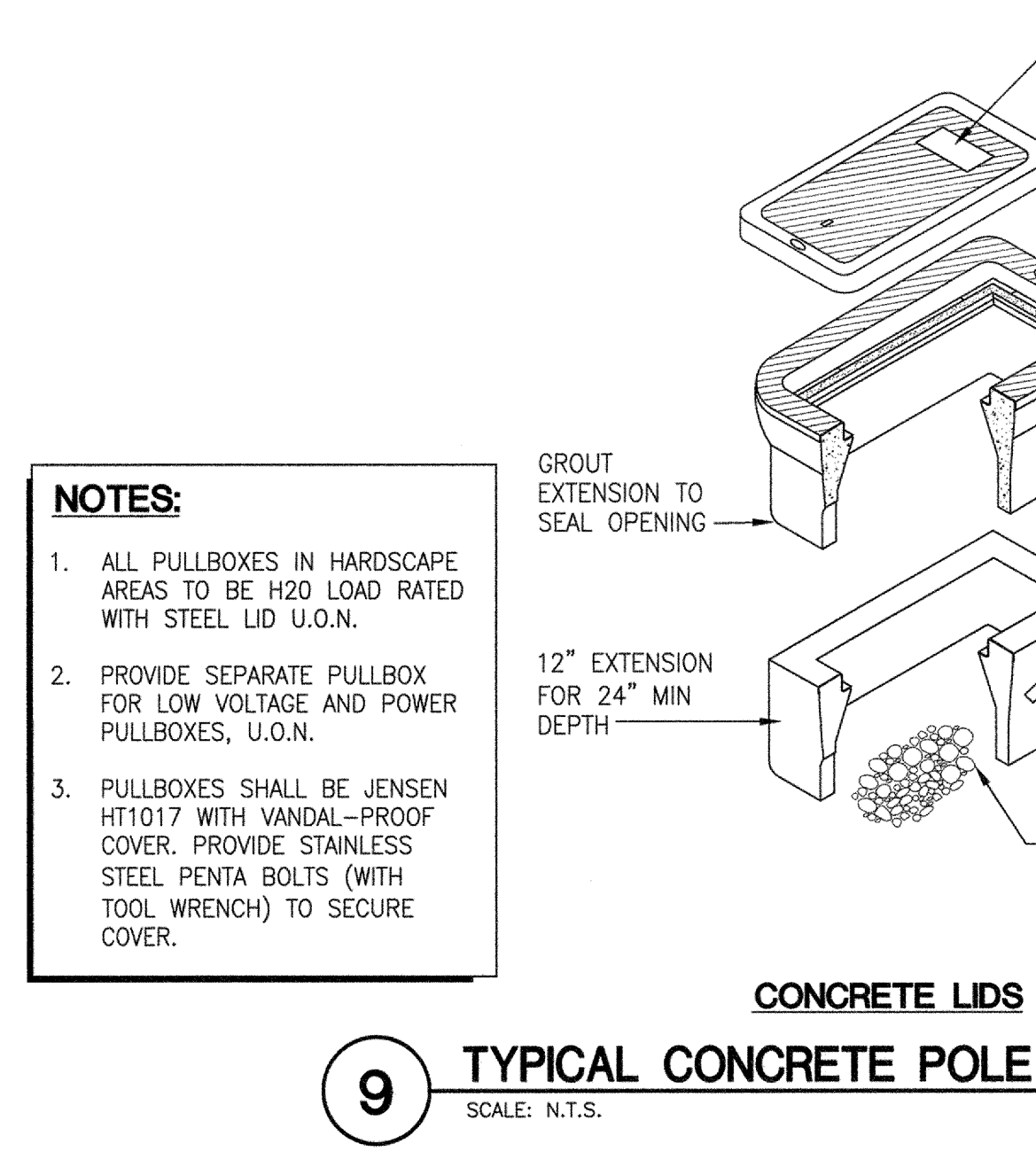
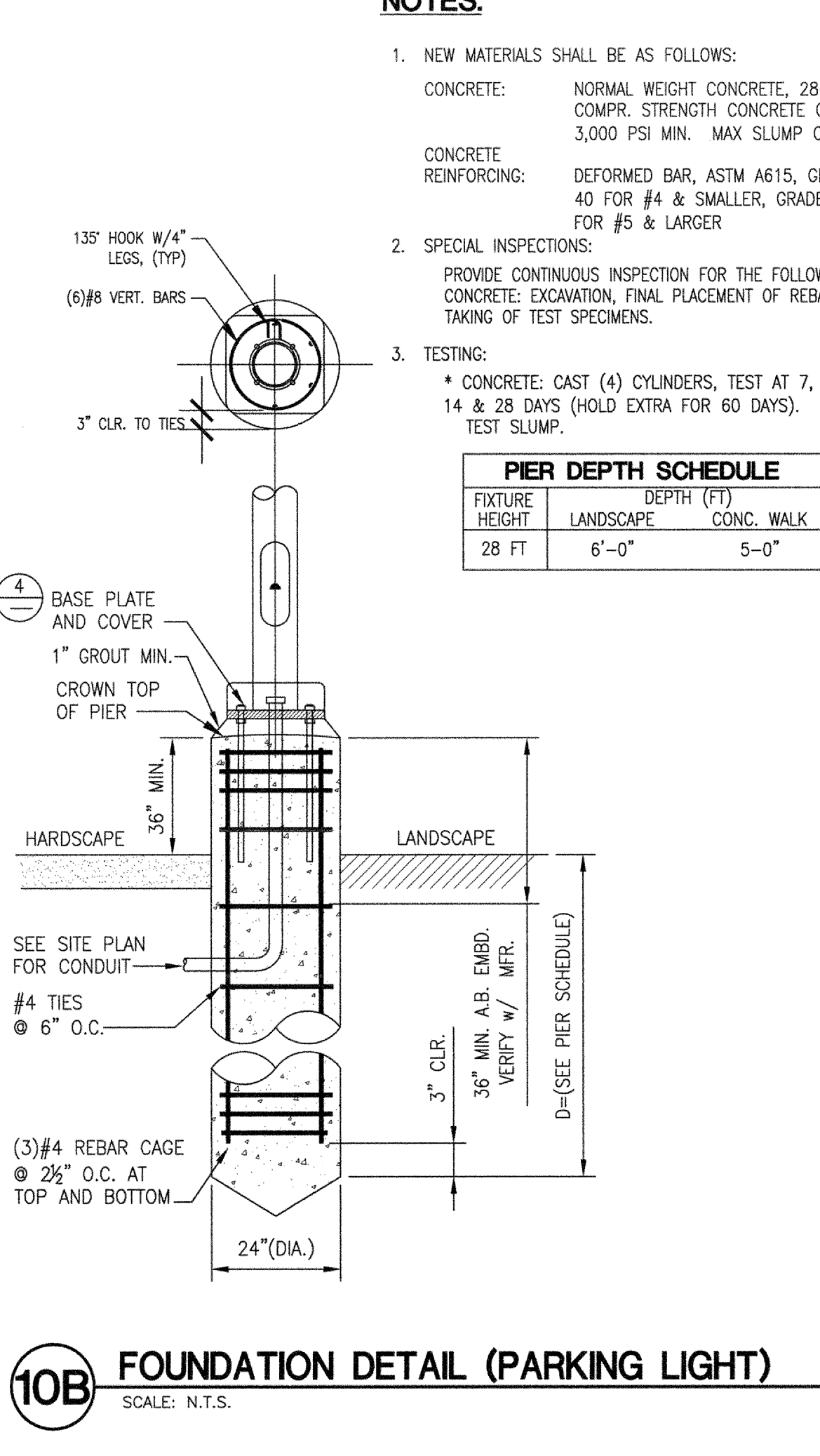
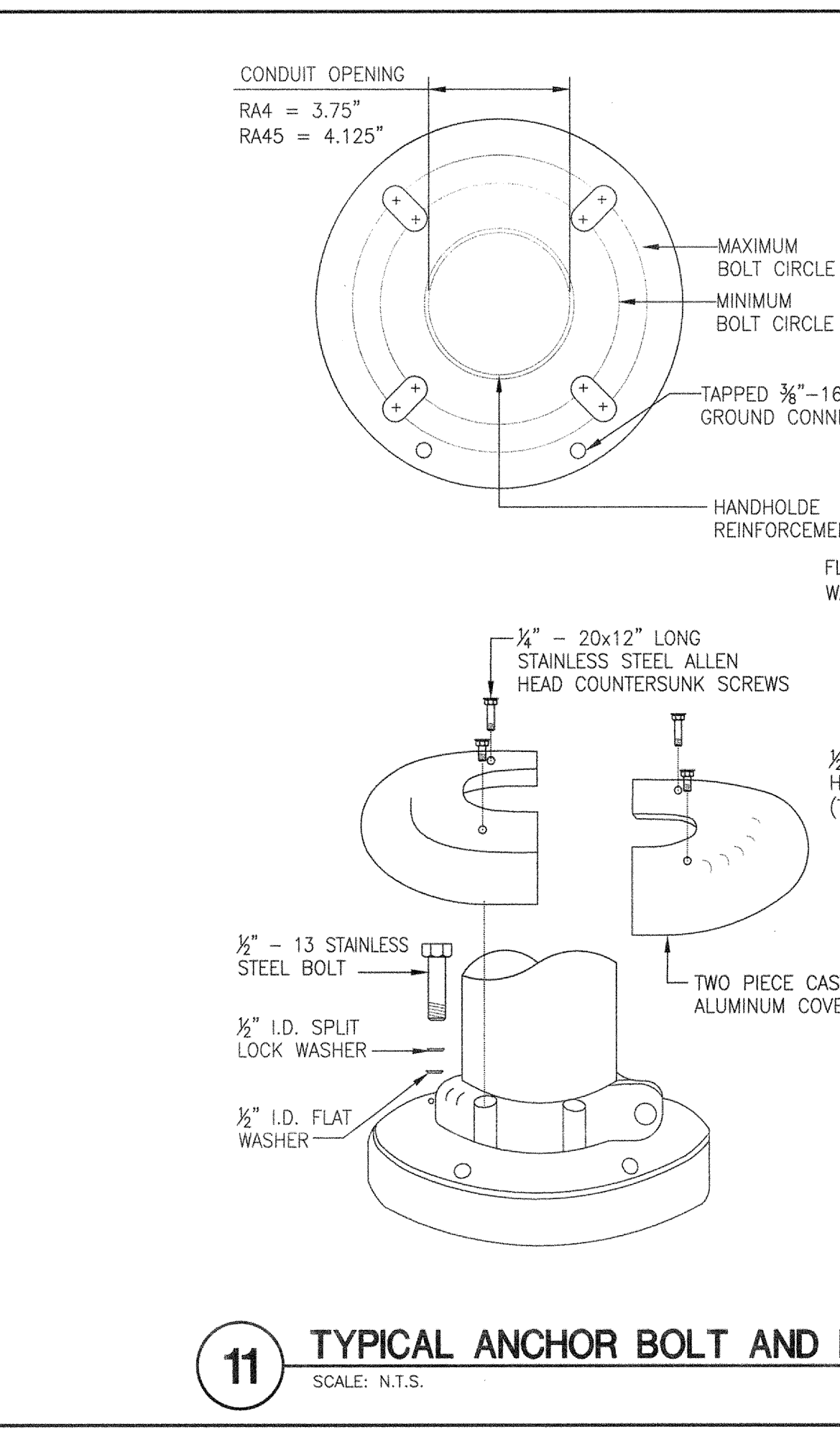
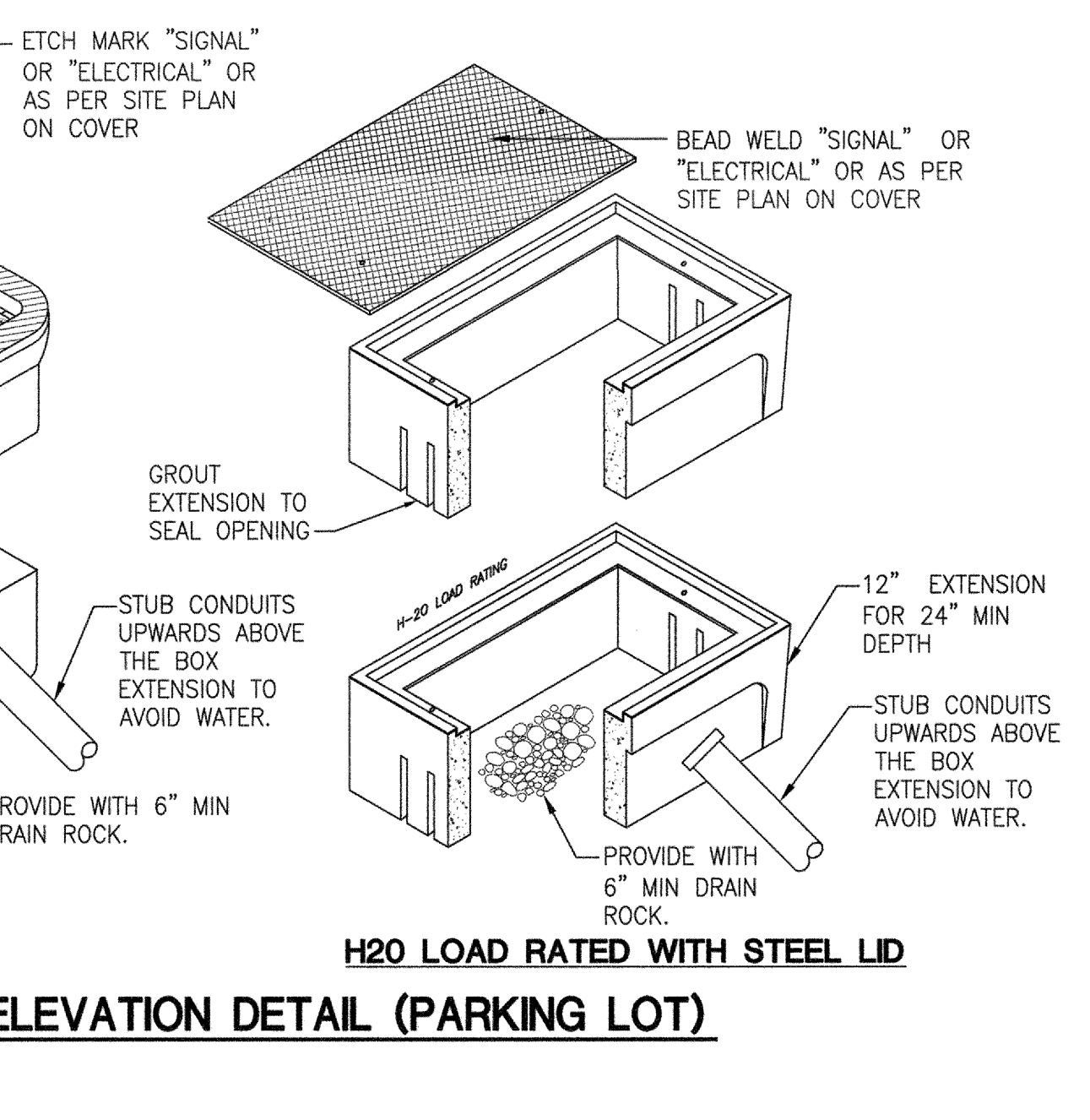
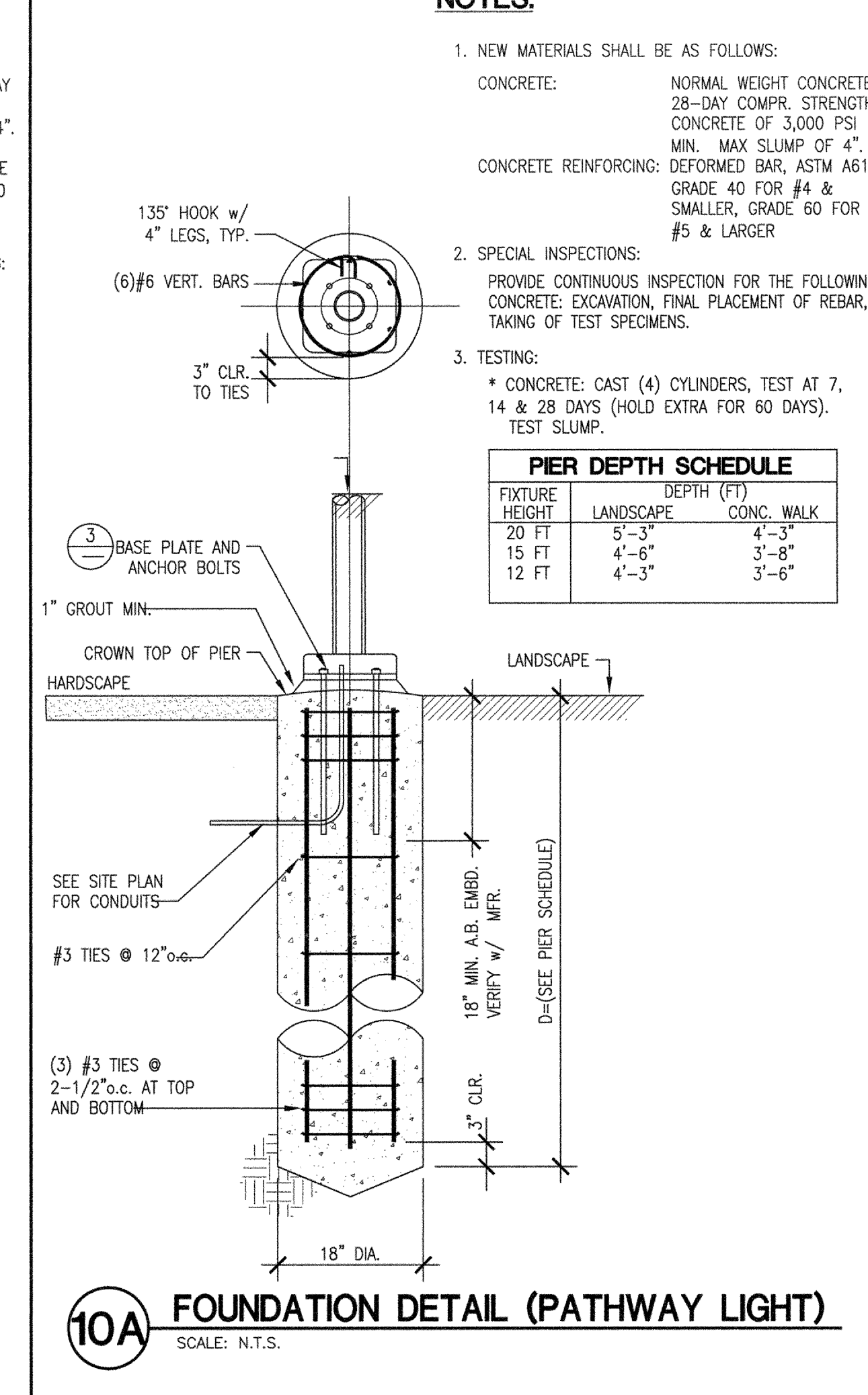
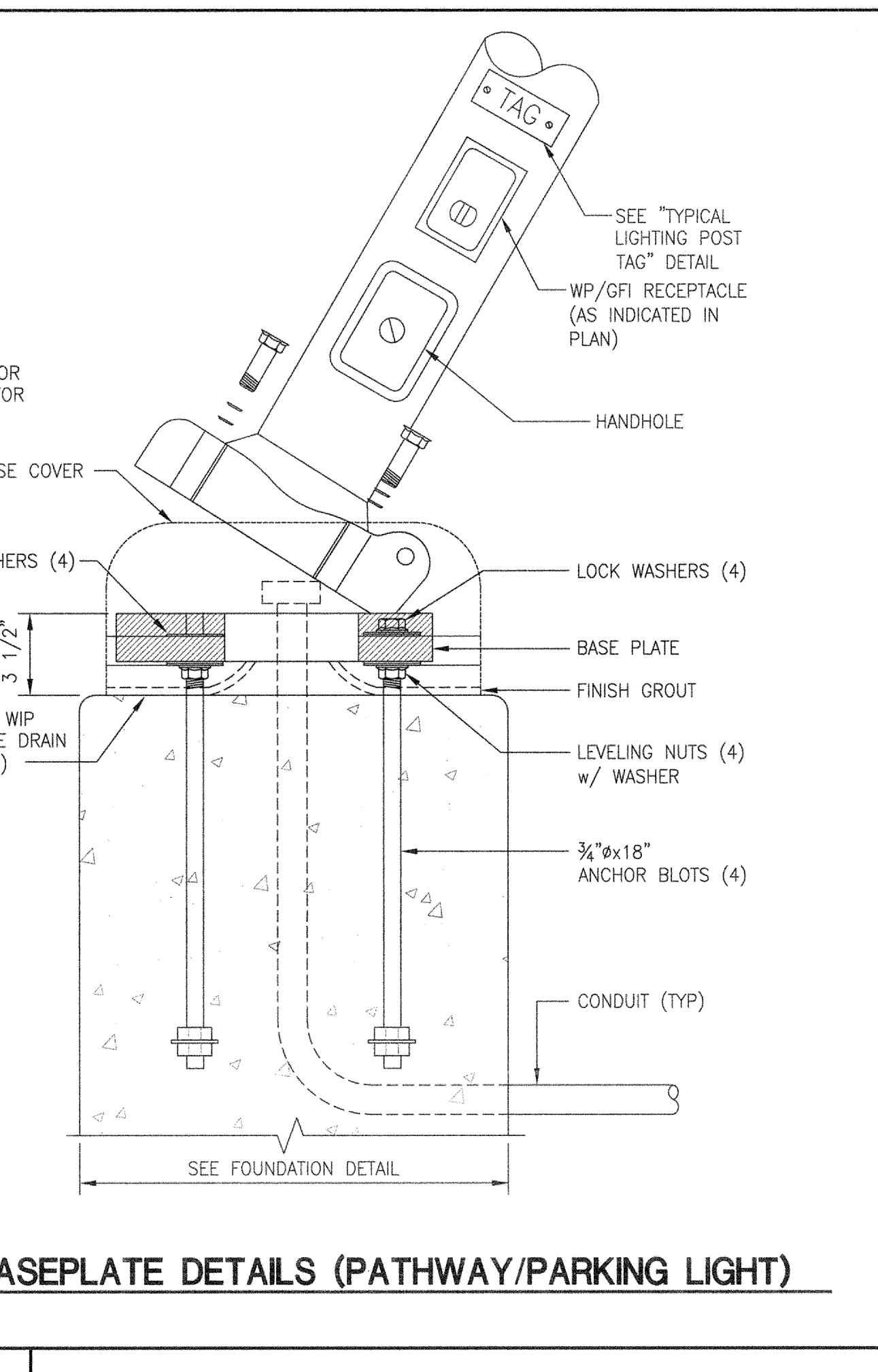
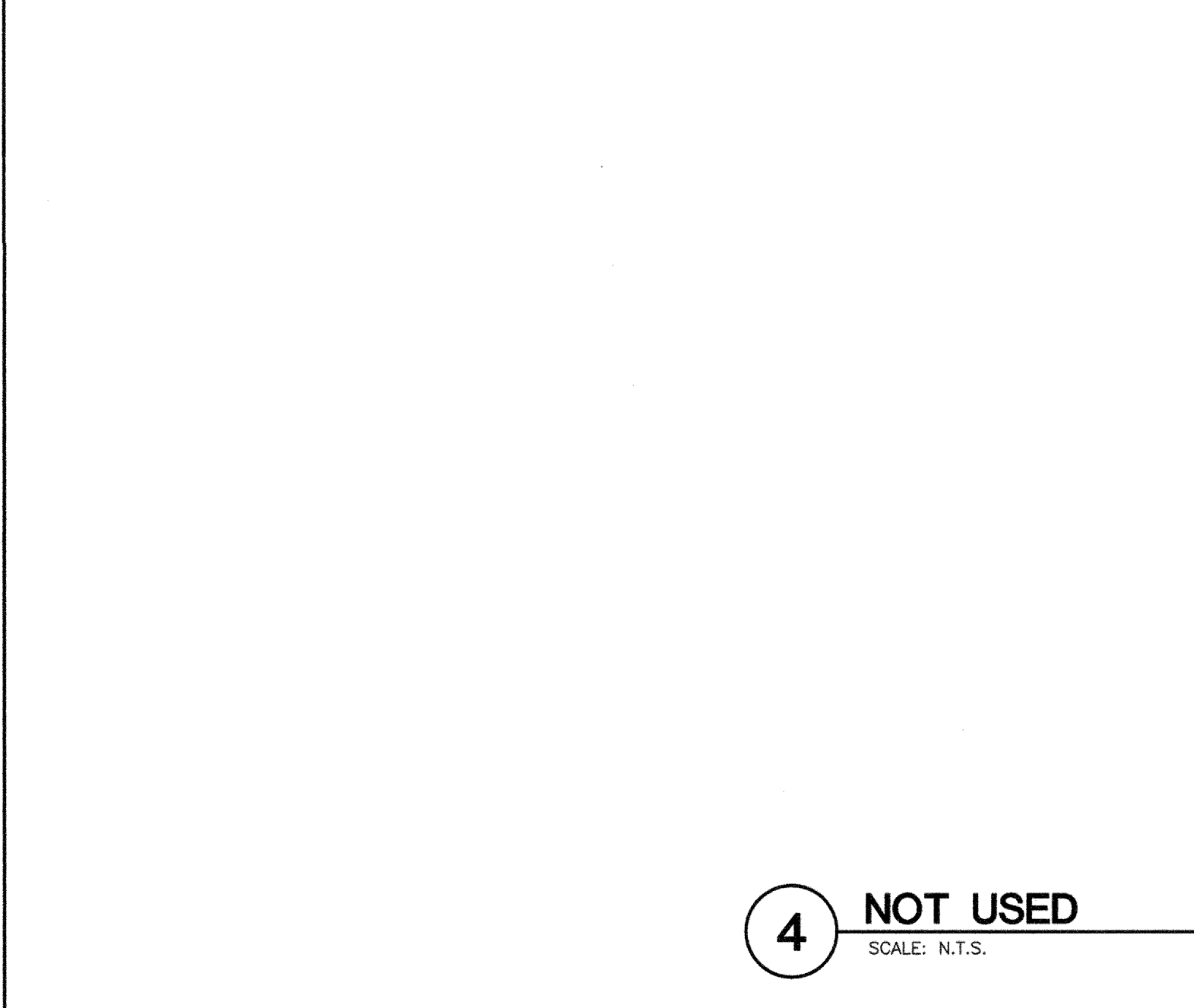
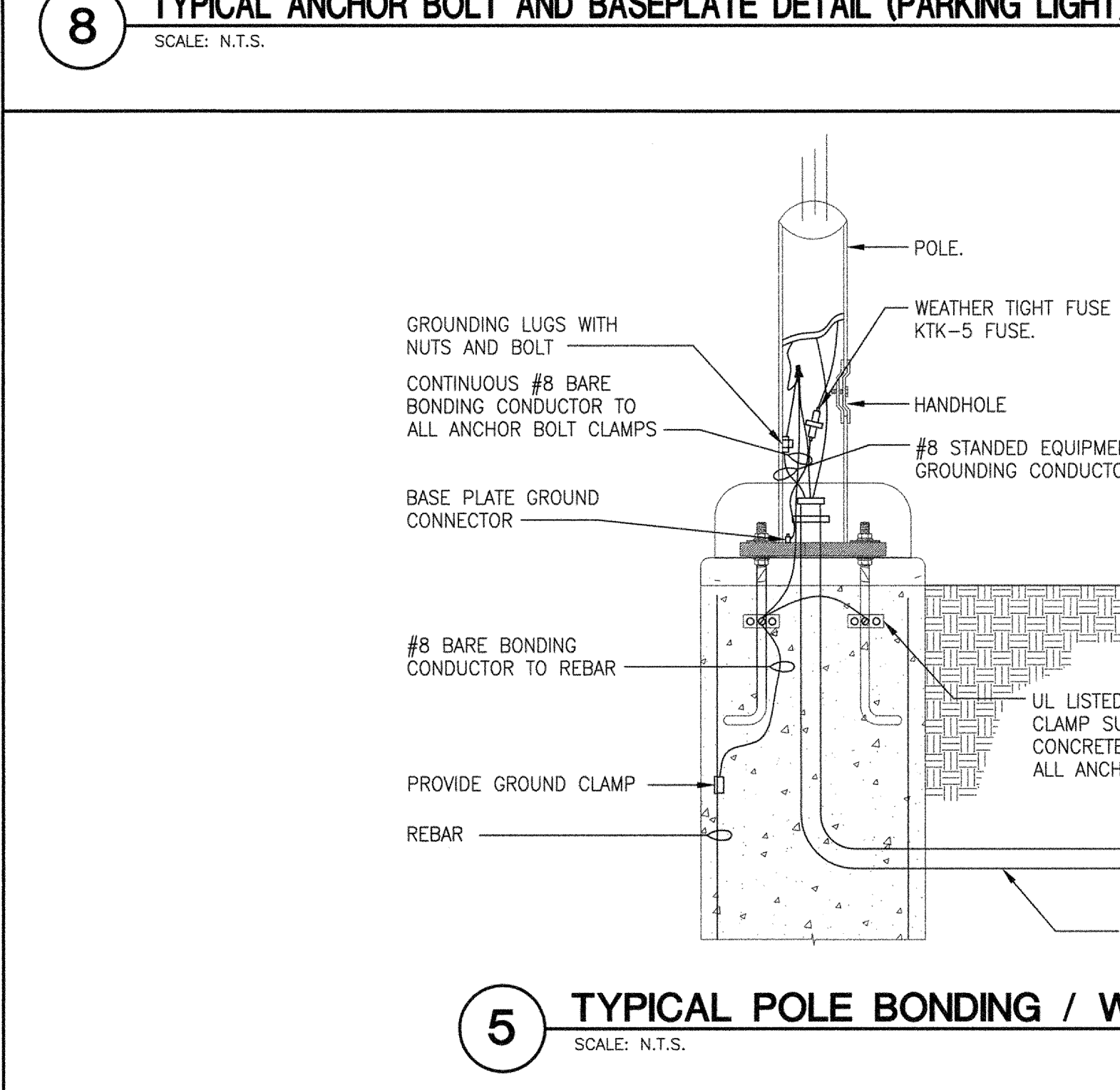
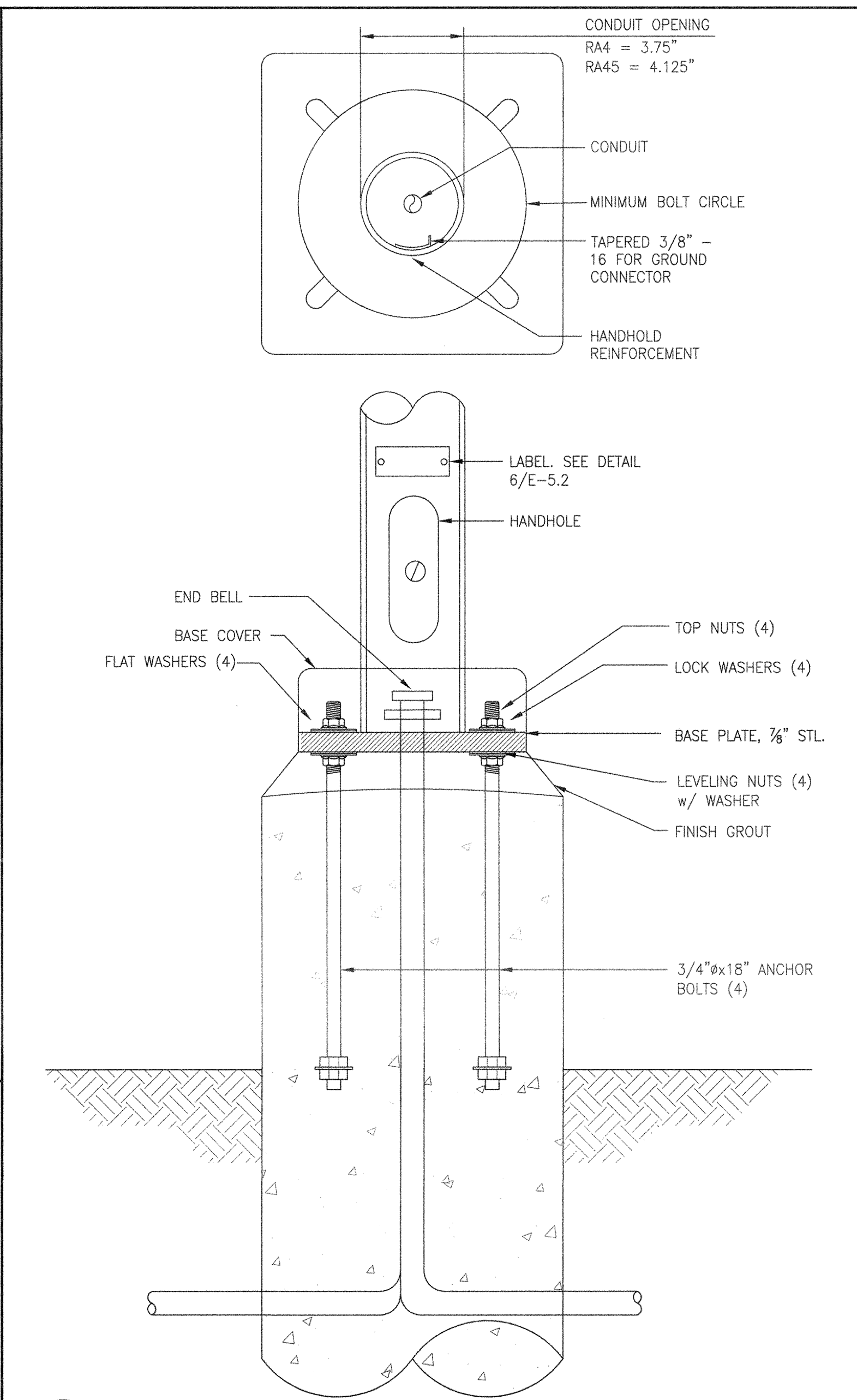
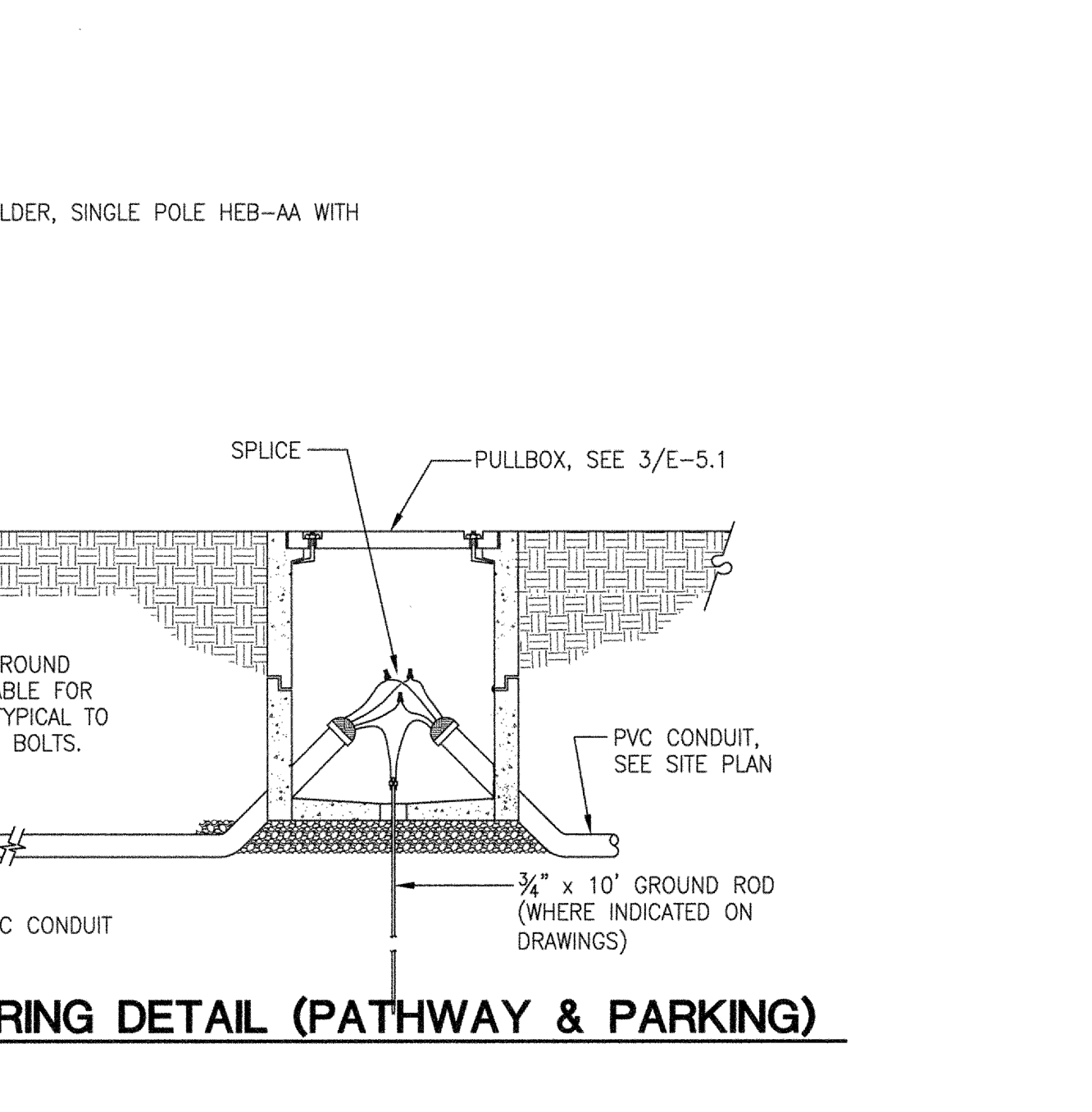
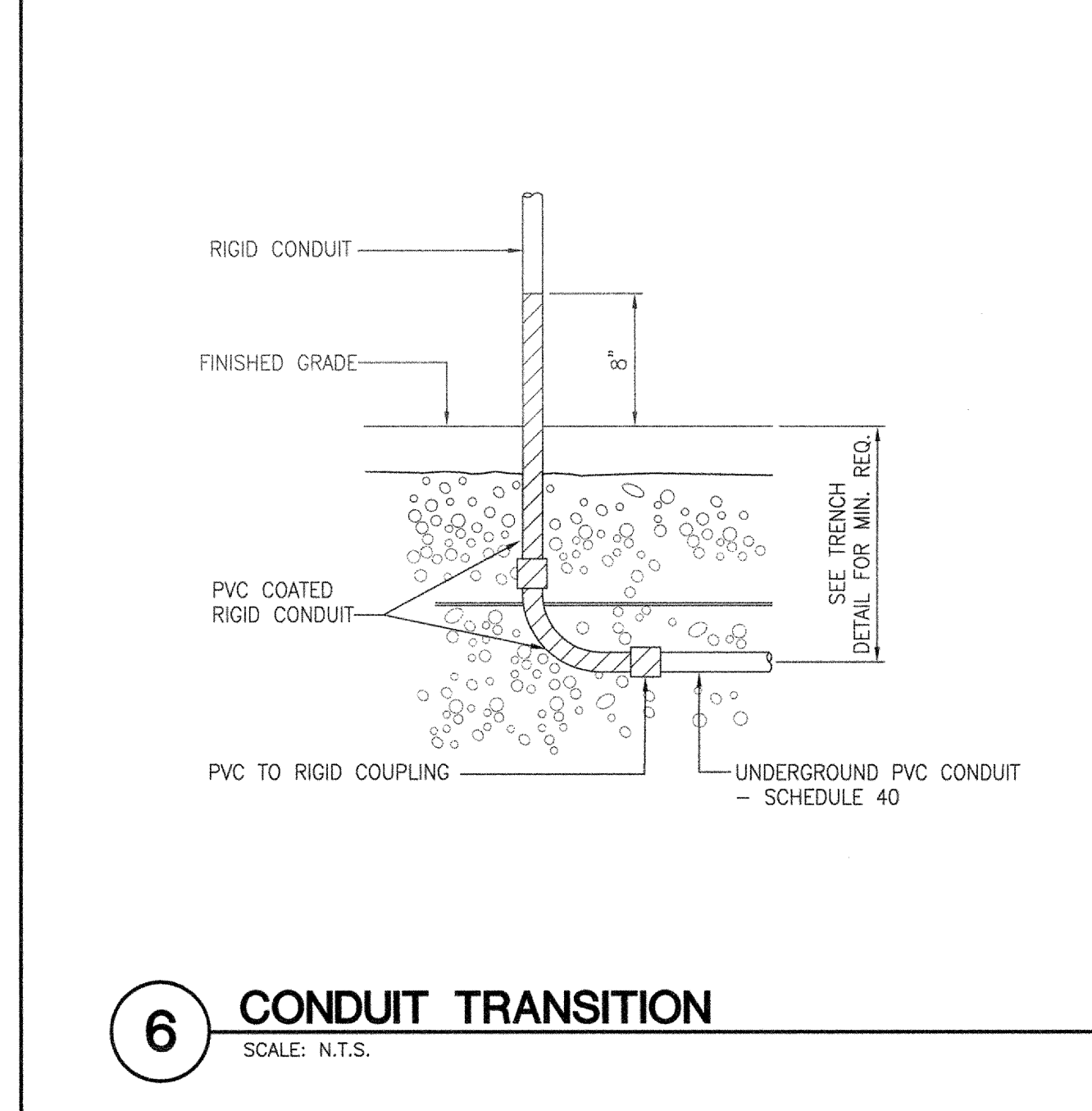
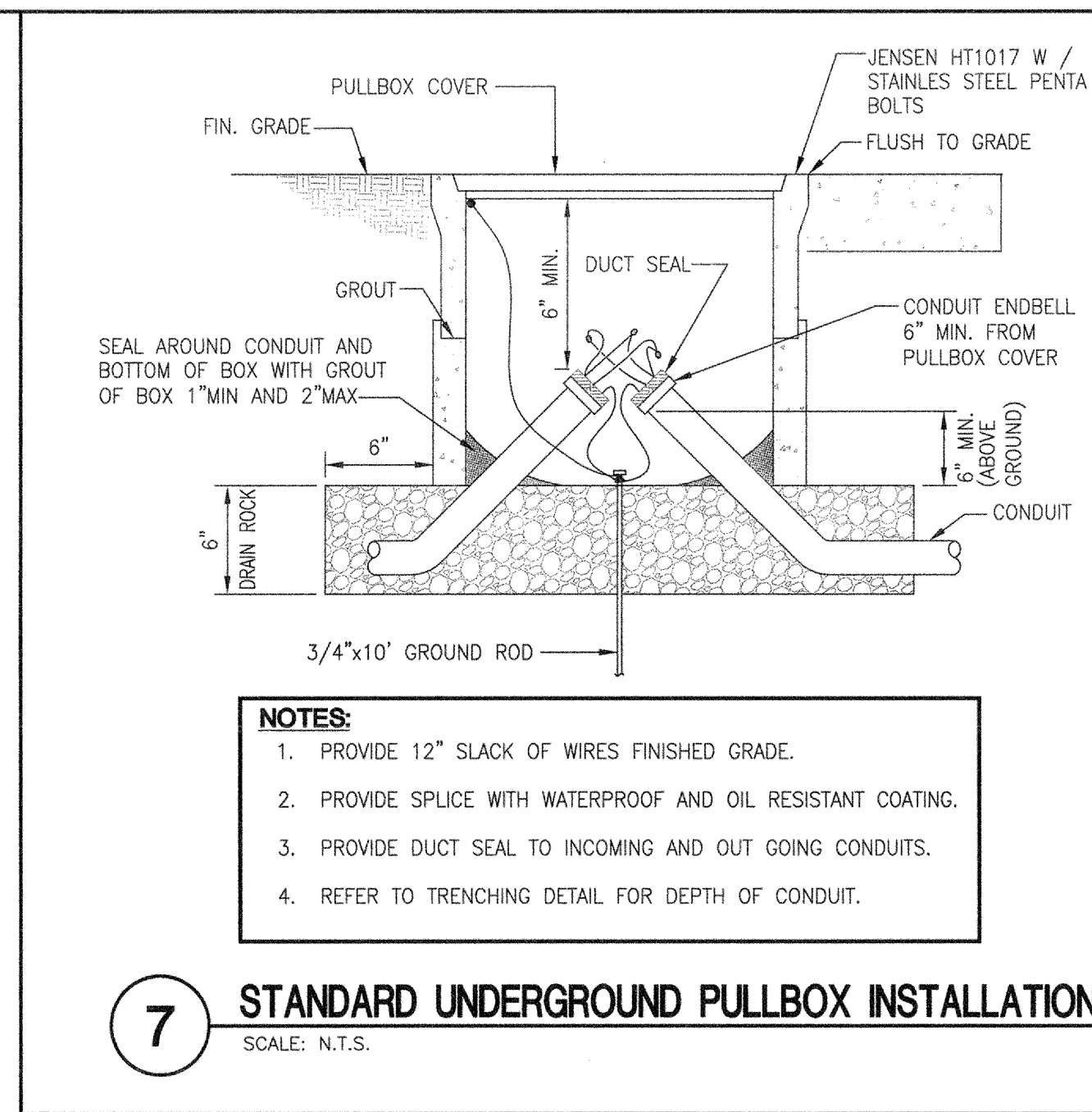
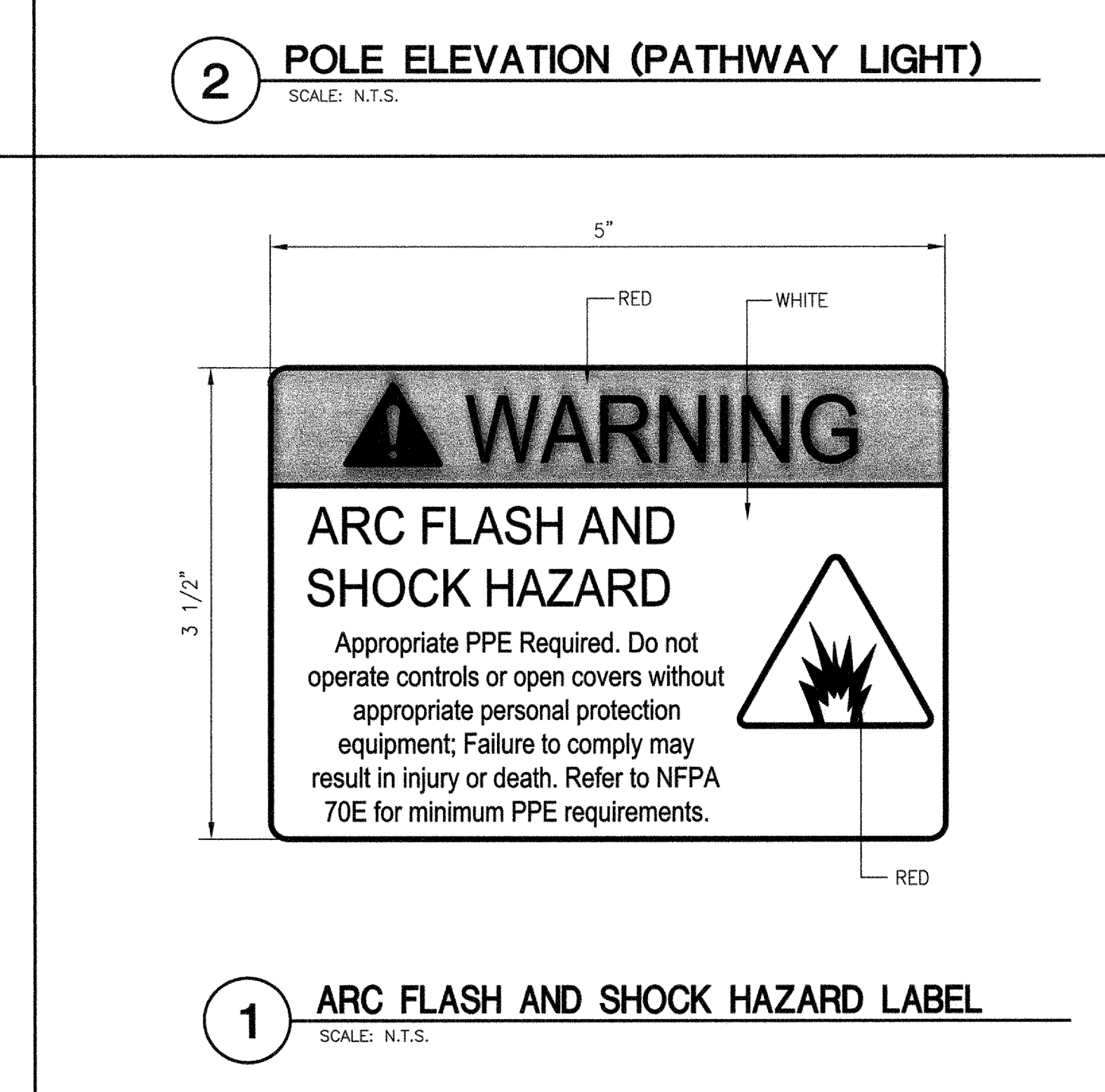
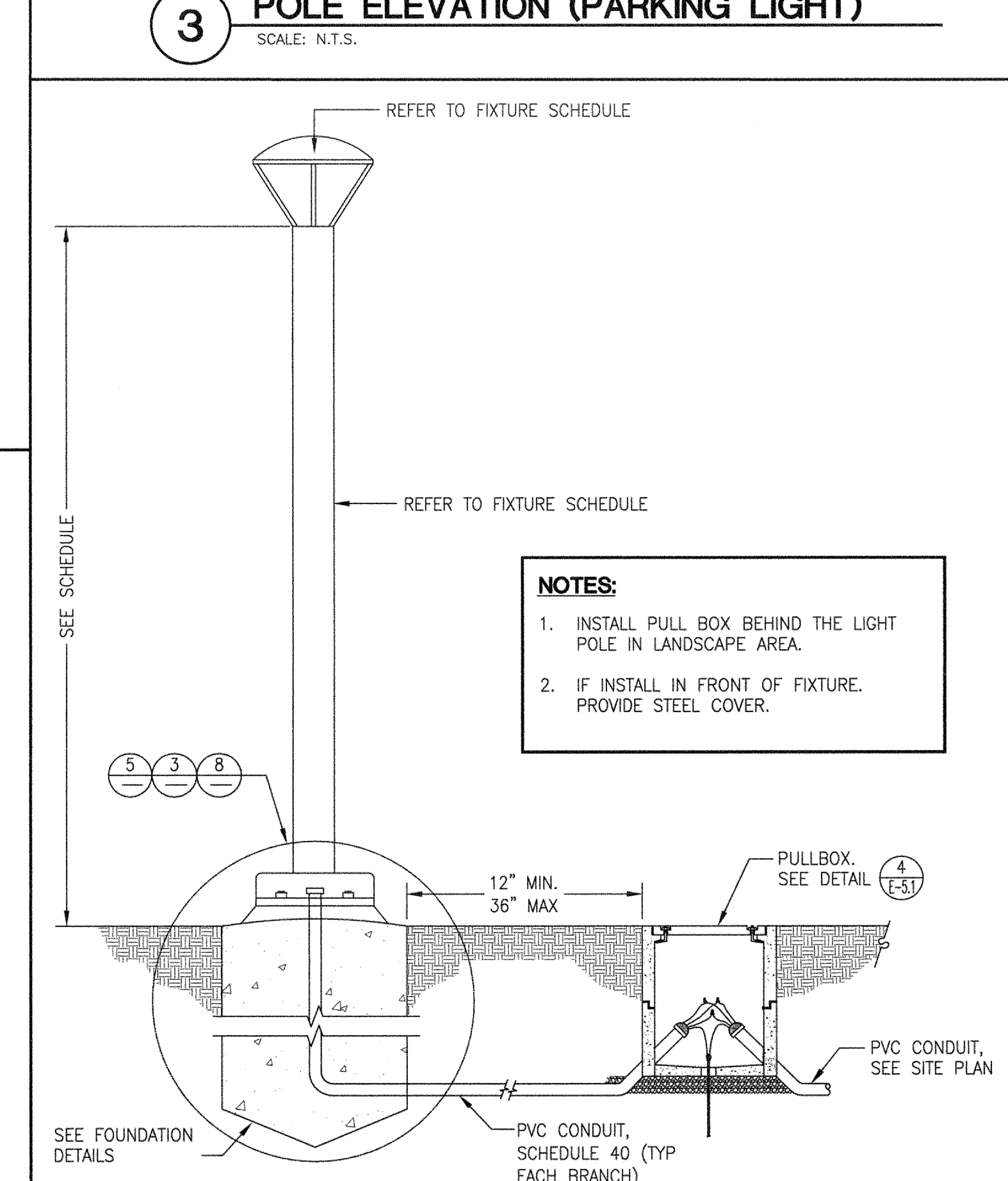
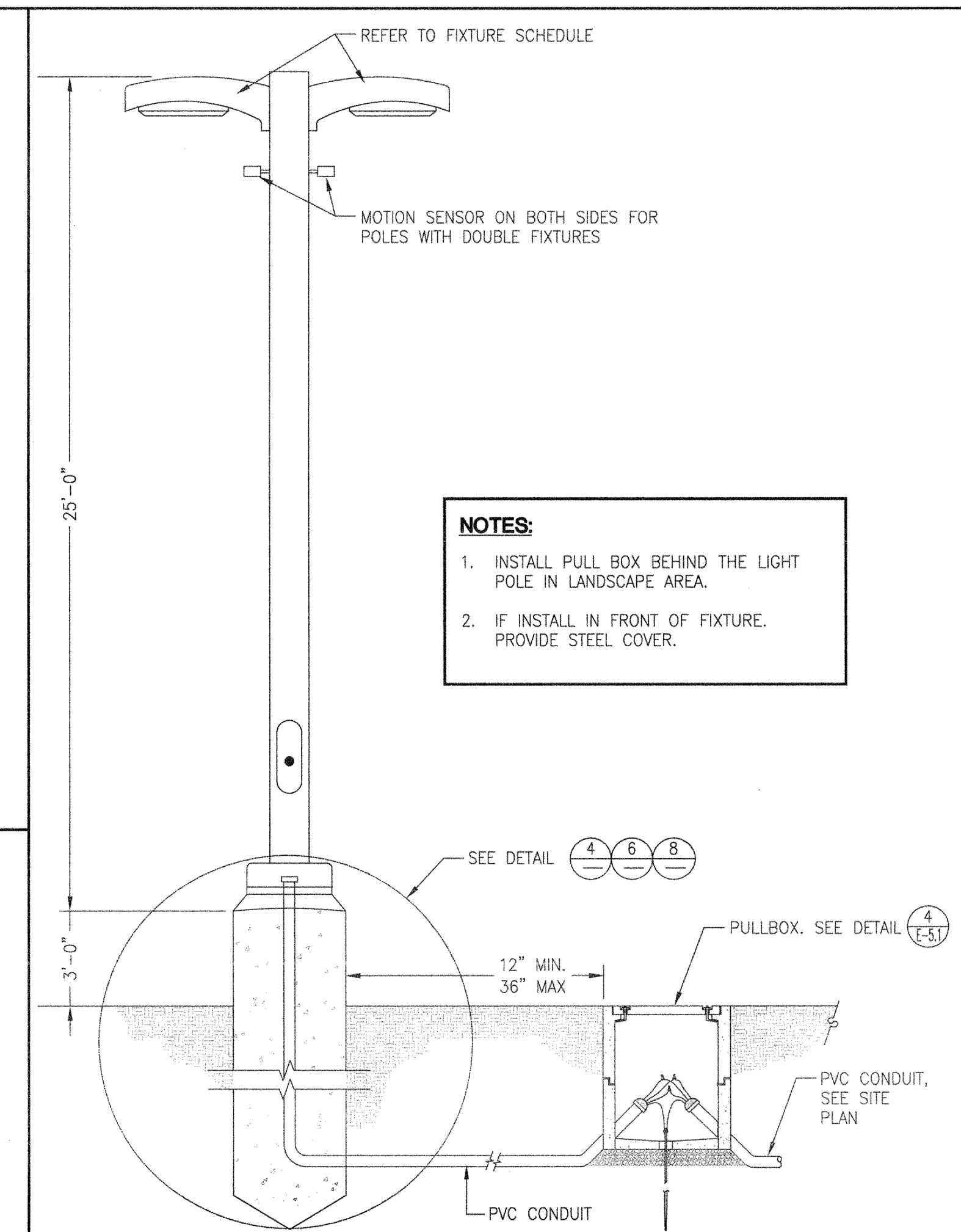
SHEET

**ELECTRICAL
PARKING PLAN -
NEW**

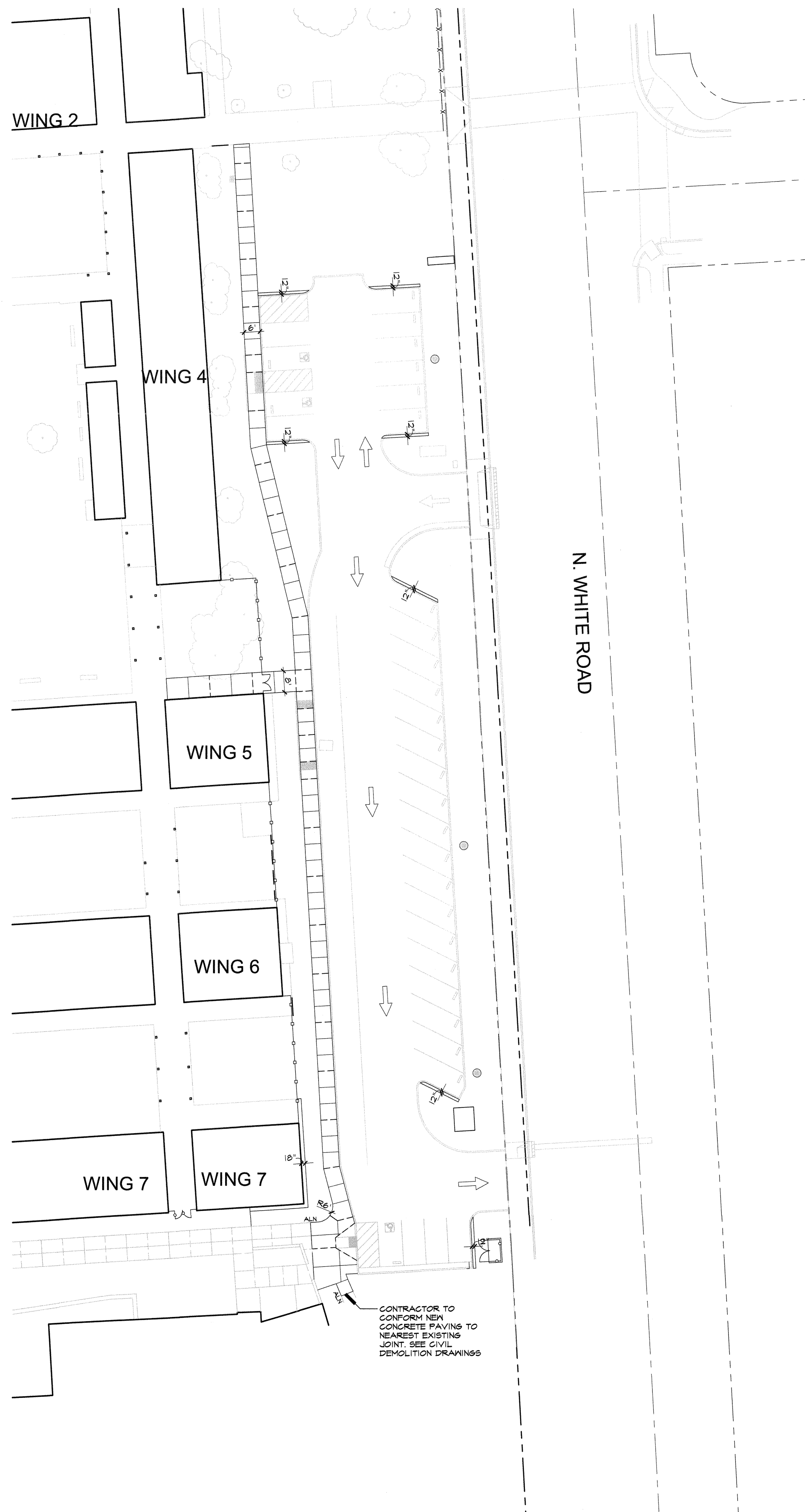
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JOB # **2014037.03/SOBE # 140497.1**
SHEET #

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LAYOUT NOTES

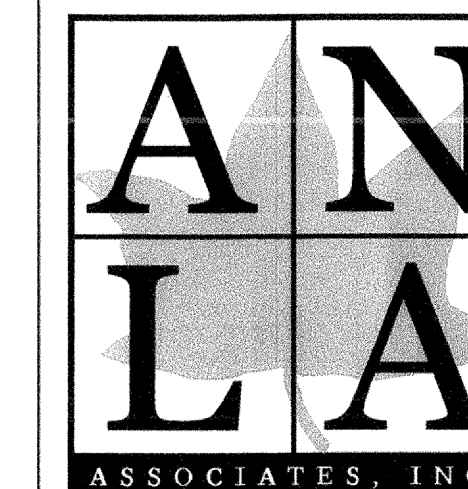
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2. DRAWINGS SHALL NOT BE SCALED. WRITTEN DIMENSIONS TAKE PRECEDENCE. IF CONTRACTOR FINDS A DISCREPANCY WITH WRITTEN DIMENSIONS, NOTIFY OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH WORK.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTENCE OF AND LOCATIONS OF EXISTING AND PROPOSED UNDERGROUND SERVICES AND IMPROVEMENTS WHICH MAY CONFLICT WITH THE WORK. CONTACT THE OWNER AND UNDERGROUND SERVICE ALERT (USA) AT (800) 642-2444 PRIOR TO INITIATING CONSTRUCTION FOR ASSISTANCE.
4. COORDINATE ALL CONSTRUCTION ELEMENTS PRIOR TO INSTALLATION. VERIFY WALLS, CURBS, FENCES, ETC. AND CRITICAL DIMENSIONS, REFERENCE AND COORDINATE POINT LOCATIONS, AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCIES ARISE.
5. CONTRACTOR SHALL LAYOUT ALL PROJECT ELEMENTS IN FIELD AS SHOWN ON THESE PLANS AND HAVE THEM APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
6. ALL MINOR ADJUSTMENTS MADE TO ACCOMMODATE EXISTING SITE CONDITIONS SHALL MAINTAIN THE OVERALL DESIGN LAYOUT. ALL ADJUSTMENTS SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
7. ALL NEW PAVED SURFACES SHALL CONFORM TO EXISTING PAVED SURFACES, FLUSH AND SMOOTH. CONTRACTOR SHALL CONSTRUCT SMOOTH TRANSITIONS OF PAVING AND WALKS WHILE MAINTAINING POSITIVE DRAINAGE.
8. COORDINATE ALL SLEEVINGS AND UTILITY LOCATIONS AS SHOWN ON THE PLANS AND DETAILS CONTAINED WITHIN THESE CONTRACT DOCUMENTS AND THE REQUIREMENTS OF NFPA 24, SECTION 8.1, 'MINIMUM DEPTH OF COVER' (36 INCHES) FOR PIPE BENEATH FIRE LANE ACCESS ROUTES.
9. CONDITIONS NOT SPECIFICALLY NOTED OR DETAILED ON THESE PLANS SHALL BE CALLED TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE FOR REVIEW PRIOR TO IMPLEMENTATION.
10. THE CONTRACTOR SHALL BE RESPONSIBLE UNDER THIS CONTRACT FOR REPAIRING OR REPLACING, AT HIS OWN EXPENSE, ANY STRUCTURES, FENCES, WALLS, PLANT MATERIAL OR TREES DAMAGED OR DESTROYED BOTH ON THIS PROPERTY OR THOSE PROPERTIES ADJACENT TO THIS SITE. THE DAMAGED ITEM(S) WILL BE RESTORED TO THEIR ORIGINAL CONDITION OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
11. ALL ANGLES FOR LAYOUT TO BE 90 DEGREES UNLESS OTHERWISE NOTED.

LAYOUT LEGEND

SYMBOL	DESCRIPTION OF SYMBOL
ALN	ALIGN
BCR	BEGINNING OF CURVE RETURN
BOC	BACK OF CURB
BS	BOTTOM OF STAIRS / STEPS
BOW	BACK OF WALL
CL	CENTERLINE
CLR	CLEAR
D	DIAMETER
ECR	END OF CURVE RETURN
R	END OF RADIUS
EJ	EXPANSION JOINT, TYPICAL
EQ	EQUAL
EM	EACH WAY
FOB	FACE OF BUILDING
FOC	FACE OF CURB
FOX	FACE OF WALL
MAX	MAXIMUM
MIN	MINIMUM
OC	ON CENTER
PA	PLANTING AREA
POB	POINT OF BEGINNING
PT	POINT OF TANGENCY
R	RADIUS
SL	SCORE JOINT, TYPICAL
TS	TOP OF STAIRS / STEPS
TYP	TYPICAL

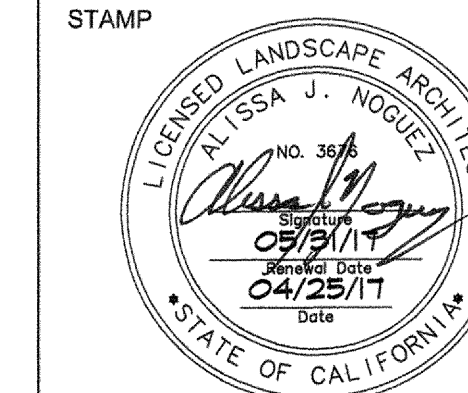
PROJECT
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CONSULTANT



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AC FLS SS
DATE **APR 26 2017**

REVISIONS

No.	Description	Date

MILESTONES

SD	-
DD	-
25% CD	-
50% CD	-
75% CD	-
DSA SUB	-
DSA BACK	4/26/2017

SHEET

LAYOUT PLAN

DATE **10/06/2016**

JOB # **2014037.03**

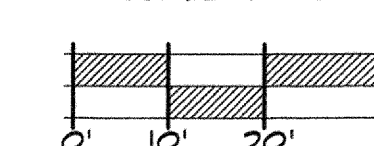
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L1.1p



SCALE: 1" = 20'-0"

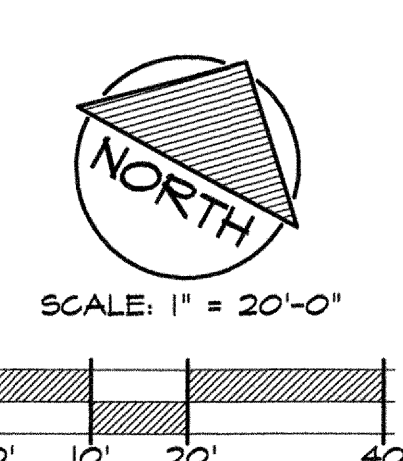
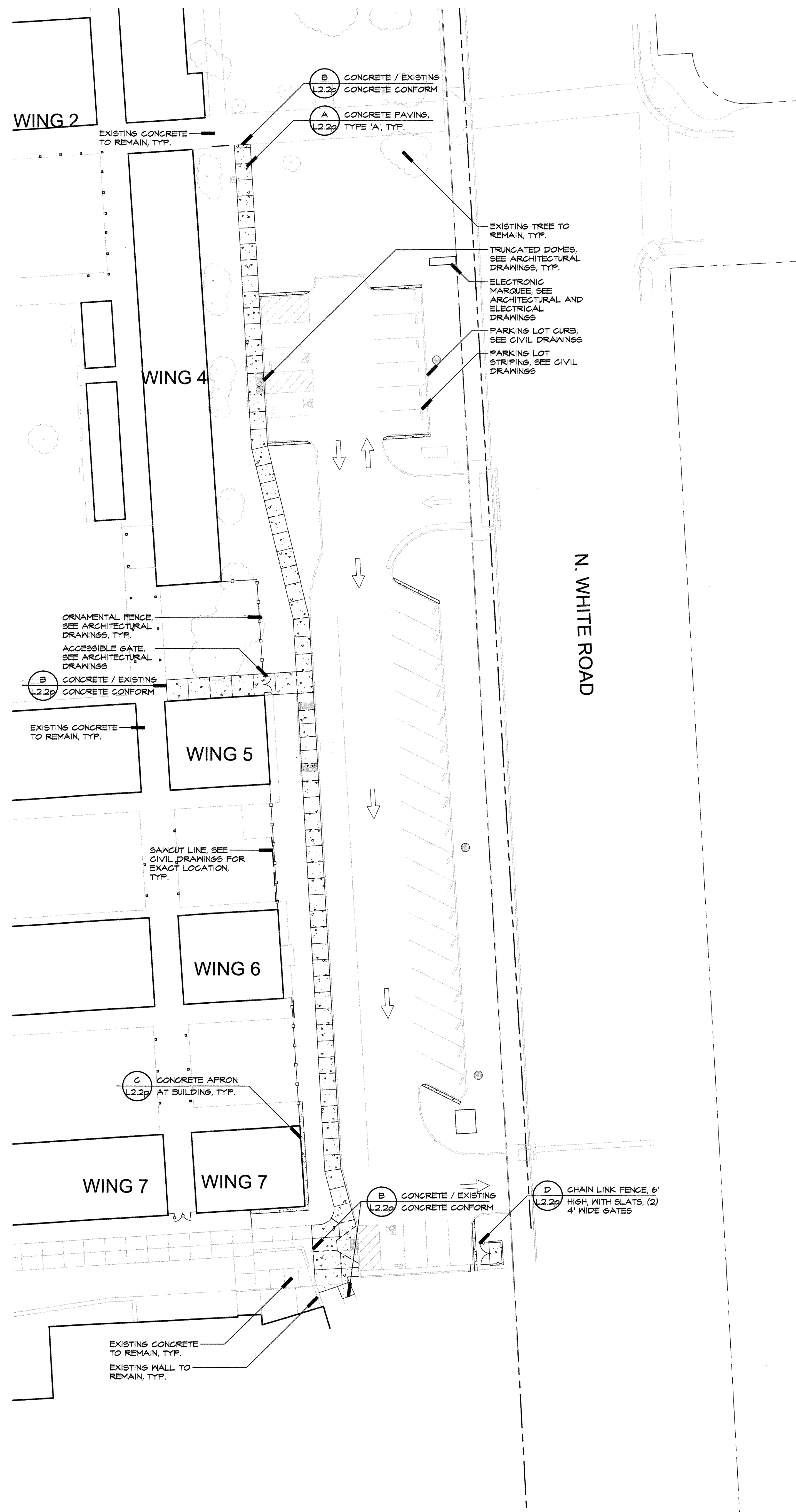


MATERIAL AND DETAIL REFERENCE NOTES

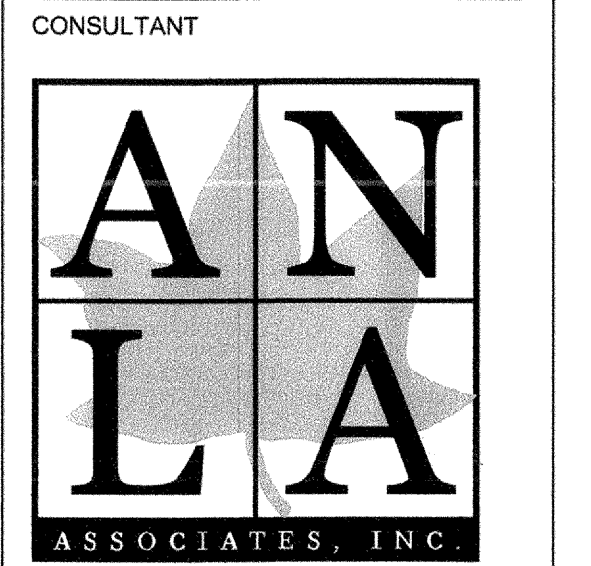
- THESE NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH AND AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, DETAILS, ADDENDA AND CHANGE ORDERS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF EXISTING AND PROPOSED UNDERGROUND SERVICES. CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 642-2444 PRIOR TO BEGINNING WORK. CONTACT OWNER'S REPRESENTATIVE SHOULD ANY CONFLICTS ARISE.
- SCORE AND EXPANSION JOINTS SHALL BE LOCATED AS INDICATED ON THIS PLAN. CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS WHEN NECESSARY TO ALIGN SCORE AND EXPANSION JOINTS WITH RELATIVE ELEMENTS AS SHOWN ON THE PLAN.
- DETAIL CALLOUTS ON PLAN ARE PROVIDED FOR CONVENIENCE AND GENERAL REFERENCE ONLY. CONTRACTOR SHALL PROVIDE QUANTITY OF PRODUCTS, ELEMENTS AND MATERIALS AS SYMBOLIZED ON PLANS, ASSOCIATED DETAILS, AND SPECIFICATIONS.
- FOR EACH CONCRETE FINISH SPECIFIED, CONTRACTOR SHALL POUR A 2x2' SAMPLE FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLING CONCRETE PAVING.
- LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION. IF WORK WITHIN THIS SCOPE REQUIRES REMOVAL, RELOCATION, OR DEMOLITION OF EXISTING TO REMAIN IMPROVEMENTS, BOTH SURFACE AND KNOWN SUBSURFACE CONDITIONS, CONTRACTOR SHALL INCLUDE IN THE BID SUFFICIENT LABOR AND MATERIALS TO RESTORE EXISTING TO REMAIN IMPROVEMENTS IN KIND AND AS ACCEPTABLE TO OWNER'S REPRESENTATIVE.
- GENERAL CONTRACTOR SHALL COORDINATE ROUGH AND FINE GRADING TO ENSURE EXISTING TOPSOIL IS REMOVED, STOCKPILED, AND RE-INSTALLED INTO ALL PROPOSED LANDSCAPE AREAS PER LANDSCAPE SPECIFICATIONS 92 46 00.
- REFER TO THE FOLLOWING SPECIFICATION SECTIONS:
01 56 04 TREE AND PLANT PROTECTION
12 45 00 SITE FURNISHINGS
92 19 19.1 LANDSCAPE CONCRETE
92 91 19 CHAIN LINK FENCE AND GATES

MATERIAL AND DETAIL REFERENCE LEGEND

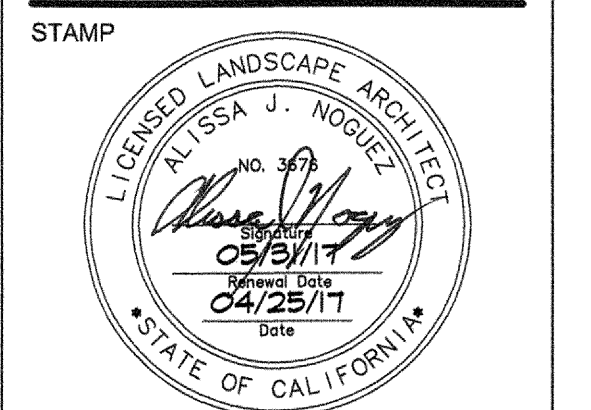
SYMBOL	DESCRIPTION	DETAIL
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	EXPANSION JOINT IN CONCRETE PAVING	A, L2.2p
	SCORE JOINT IN CONCRETE PAVING	A, L2.2p
	CONCRETE APRON @ BUILDING	C, L2.2p
	ORNAMENTAL FENCE, SEE ARCHITECTURAL DRAWINGS	-



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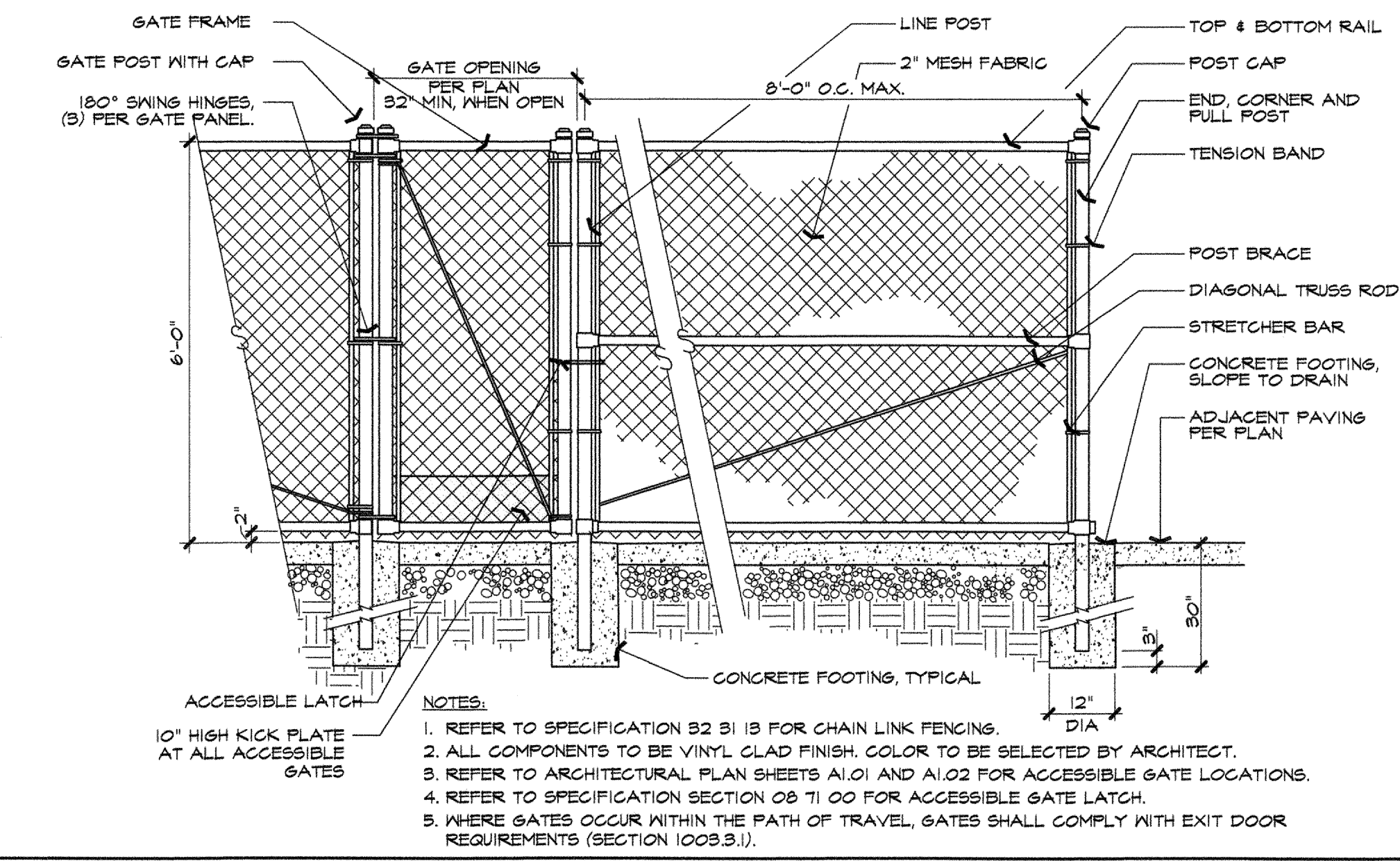
STATE
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AC FLS SS
DATE APR 26 2017

REVISIONS
No. Description Date

MILESTONES
SD -
DD -
25% CD -
50% CD -
75% CD -
DSA SUB -
DSA BACK 4/26/2017
SHEET

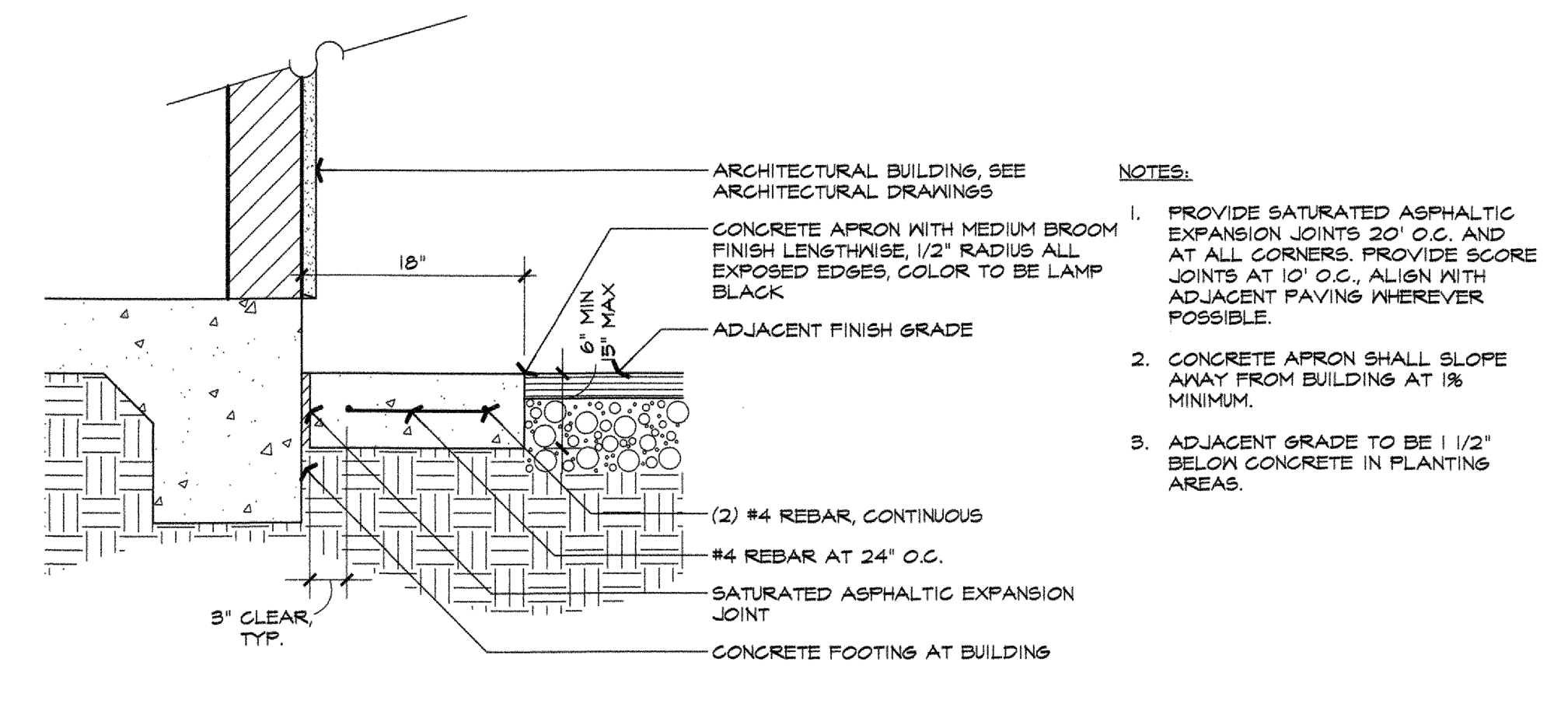
CONSTRUCTION
DETAILS

DATE 10/06/2016
JOB # 2014037.03
ANLA - #1414
SHEET #



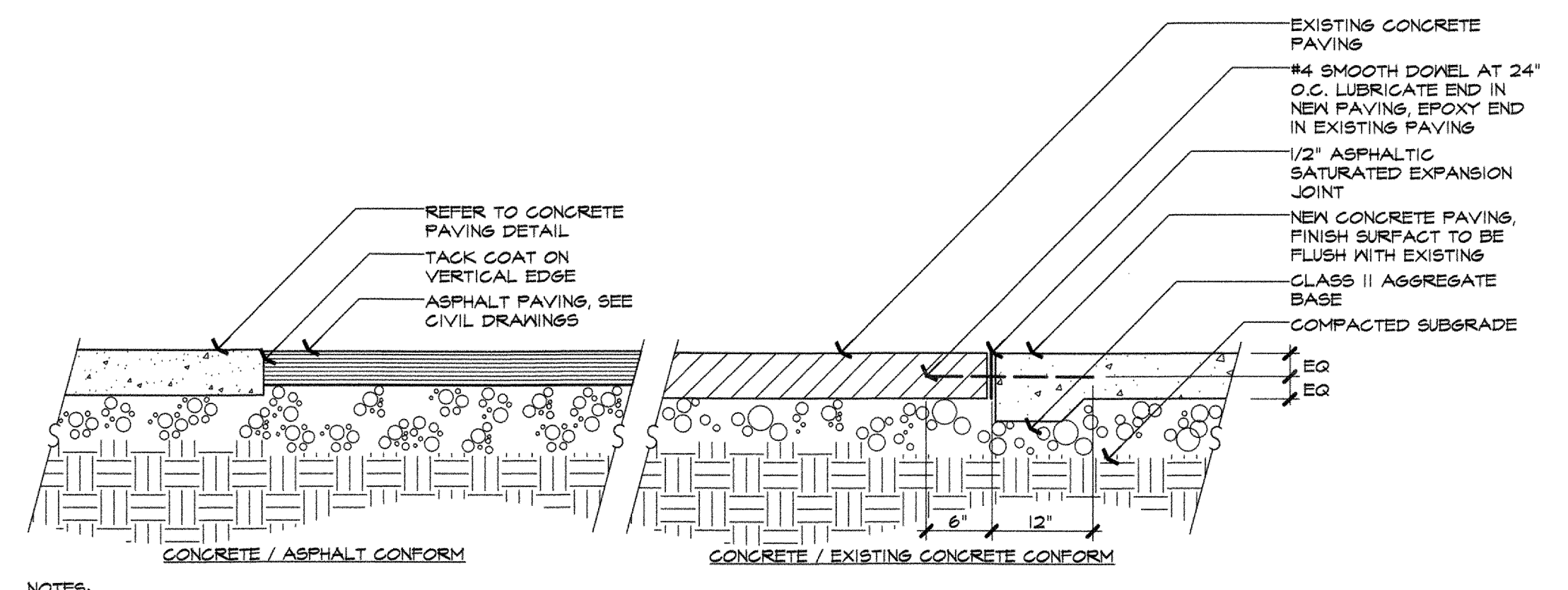
D CHAIN LINK FENCE

SCALE: NTS



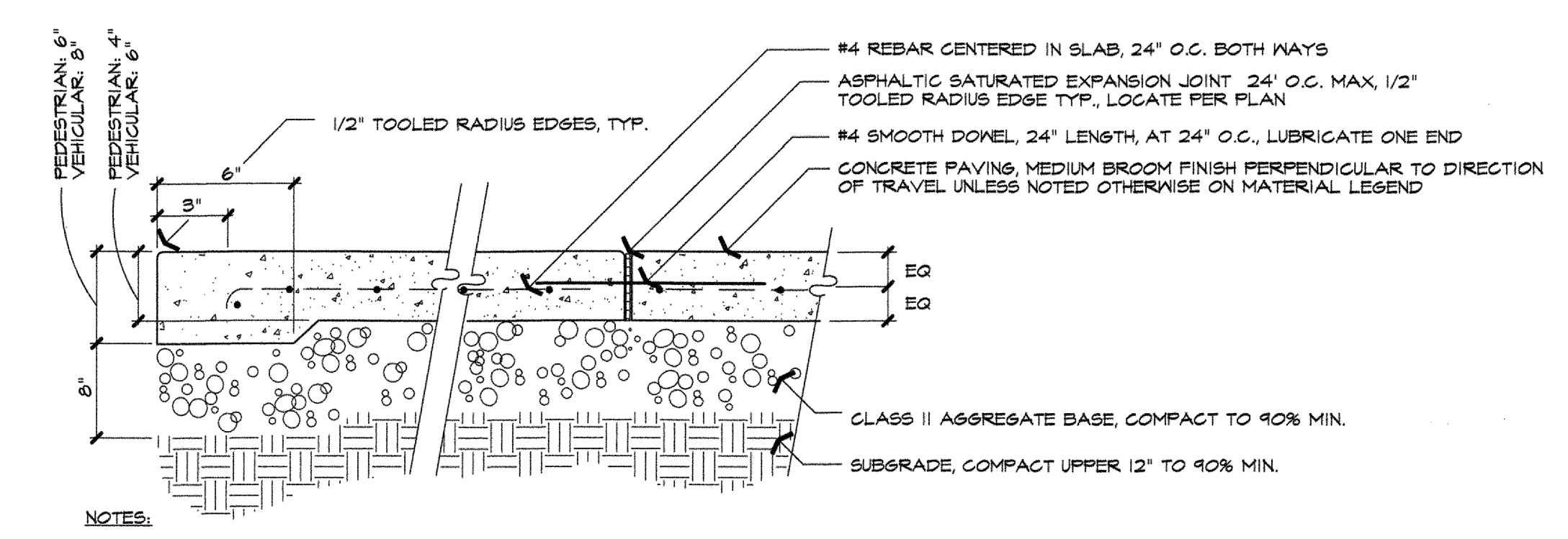
C CONCRETE APRON AT BUILDING

SCALE: NTS



B CONCRETE CONFORMS

SCALE: NTS



A CONCRETE PAVING

SCALE: NTS

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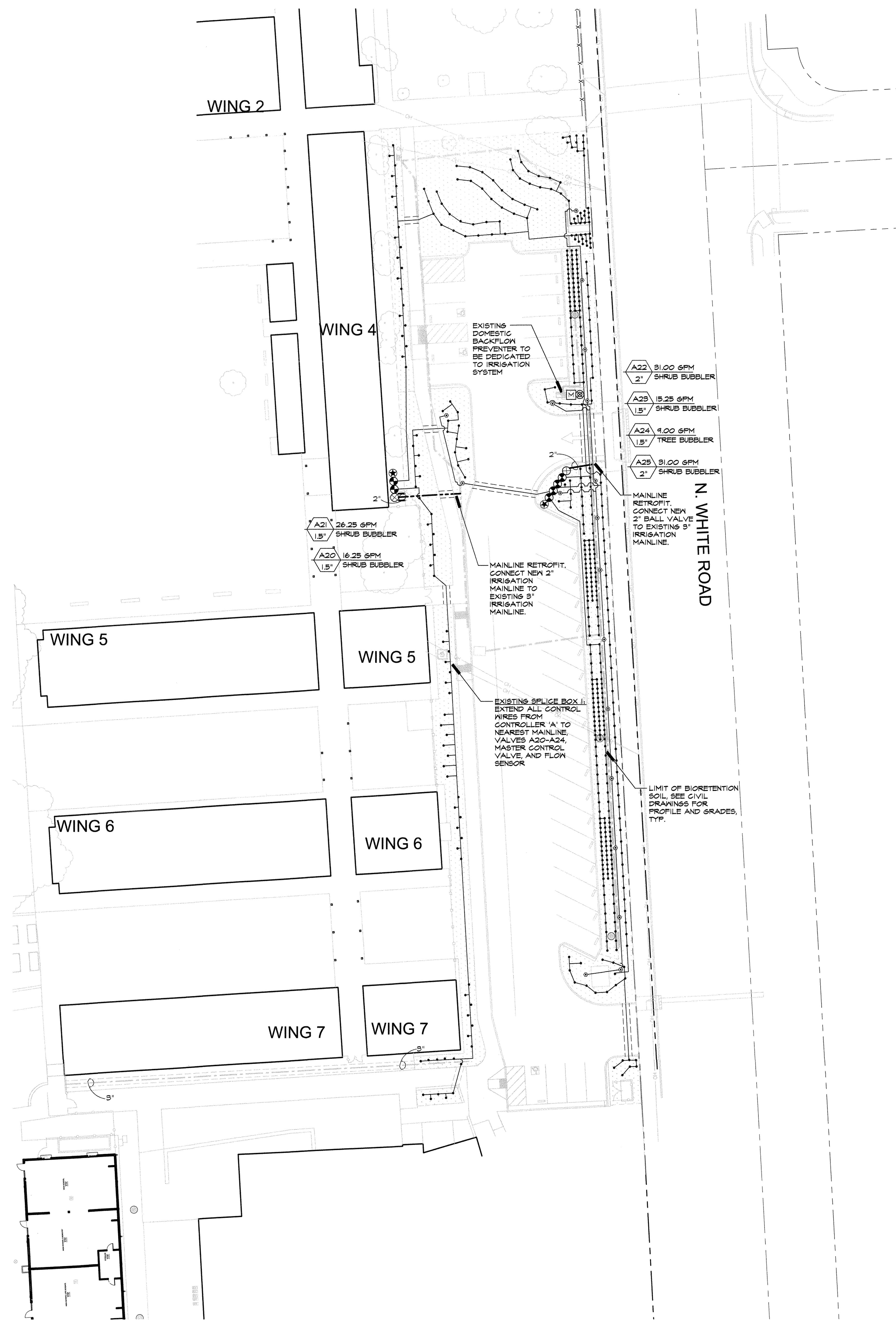
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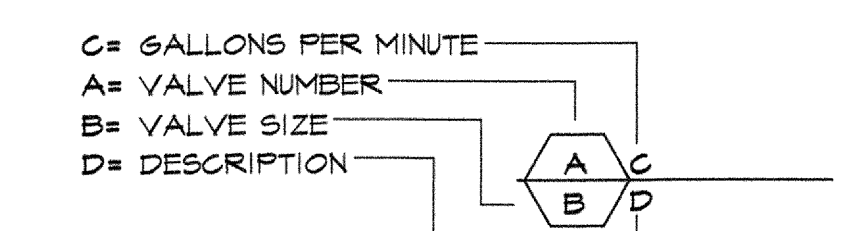


IRRIGATION NOTES

- I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN.
- THESE NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH AND AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, DETAILS, ADDENDA AND CHANGE ORDERS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF EXISTING AND PROPOSED UNDERGROUND SERVICES. CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 642-2444 PRIOR TO BEGINNING WORK. CONTACT ARCHITECT SHOULD ANY CONFLICTS ARISE.
- THE IRRIGATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES AND REGULATIONS. CONTRACTOR TO CONFORM TO THE REQUIREMENTS OF WFA 24, SECTION 81, MINIMUM DEPTH-OF-COVER (36 INCHES) FOR PIPE TO INCLUDE FIRE LANE ROUTES OF ACCESS.
- THIS SYSTEM IS DESIGNED TO OPERATE AT 76 PSI AND 41 GPM FROM THE POINTS OF CONNECTION. CONTRACTOR SHALL VERIFY PRESSURE AND FLOW PRIOR TO BEGINNING OF WORK. CONTACT ARCHITECT IMMEDIATELY SHOULD CONFLICTS ARISE.
- THE IRRIGATION SYSTEM DESIGN IS DIAGRAMMATIC, WHERE PIPING, VALVES, ETC. ARE SHOWN OUTSIDE OF PLANTING AREAS; THE INTENT IS FOR PIPING, VALVES, ETC. TO BE INSTALLED WITHIN PLANTING AREAS UNLESS OTHERWISE NOTED AND DETAILED.
- CONTRACTOR SHALL COORDINATE IRRIGATION INSTALLATION WITH OTHER TRADES. CONTRACTOR TO COORDINATE AND VERIFY ALL SLEEVINGS, PIPING, ELECTRICAL SUPPLY, POINT OF CONNECTION, ETC.
- CONTRACTOR IS RESPONSIBLE FOR COMPLETE AND UNIFORM COVERAGE OF ALL PLANTING AND TURF AREAS. CONTRACTOR TO THROTTLE FLOW CONTROL AT EACH VALVE TO OBTAIN OPTIMUM OPERATING PRESSURE FOR EACH CIRCUIT. ADJUST SPRAY HEADS AND NOZZLES FOR OPTIMUM COVERAGE WHILE PREVENTING OVERSPRAY ONTO WALKWAYS AND STRUCTURES. ADDITIONALLY, CONTRACTOR SHALL ADJUST ALL VALVES, NOZZLES, AND HEADS FOR OPTIMUM COVERAGE, AVOIDING MISTING, OVERSPRAY, OR UNDERSPRAY.
- ALL LATERAL LINES TO BE SIZED PER PIPE SIZING CHART.
- CONTRACTOR TO MAINTAIN AS-BUILT DRAWING SET TO BE AVAILABLE ON SITE AT ALL TIMES AND AT TIME OF SUBSTANTIAL COMPLETION REVIEW. CONTRACTOR SHALL PREPARE REDUCED COLOR-CODED PLAN, LAMINATE, AND PLACE IN CONTROLLER ENCLOSURE PRIOR TO SUBSTANTIAL COMPLETION.
- REFER TO SPECIFICATIONS SECTION 32 84 00 AND IRRIGATIONS DETAILS ON SHEETS L3.2p.
- CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN TRENCHING AROUND EXISTING TREES AND SHRUBS. CONTRACTOR SHALL HAND TRENCH WHEN TRENCHING ACROSS ROOTS 2" AND LARGER TO PRESERVE ROOT SYSTEM. ROOTS SMALLER THAN 2" MAY BE TRIMMED. DO NOT TEAR ANY ROOTS.

LATERAL PIPE SIZE CHART FOR SCHEDULE 40 PVC

GPM	PIPE SIZE
0 - 7 GPM	3/4"
8 - 12 GPM	1"
13 - 22 GPM	1-1/4"
23 - 30 GPM	1-1/2"
31 - 50 GPM	2"
51 - 70 GPM	2-1/2"
71 - 110 GPM	3"



IRRIGATION LEGEND

SYM	MODEL	MANUF.	DESCRIPTION	GPM	PSI	RAD
BUBBLERS						
⊙	1402	RAINBIRD	FLOOD BUBBLER - TWO PER TREE, INSTALL IN DRAIN TUBE, PER DETAIL	0.25	30	-
•	1401	RAINBIRD	FLOOD BUBBLER - ONE PER SHRUB, PER DETAIL	0.25	30	-
VALVES						
-	-	-	EXISTING BACKFLOW PREVENTER, TO REMAIN			
⊕	-	CARSON	EXISTING SPLICE BOX			
M	OMNI T	SENSUS	2" IRRIGATION SUB-METER, INSTALL UPSTREAM OF EXISTING BACKFLOW PREVENTER			
⊙	2160	GRISWOLD	MASTER CONTROL VALVE, 2" SIZE, NORMALLY OPEN BRASS VALVE INSTALL IN CARSON VALVE BOX 1419-12 WITH BOLT DOWN LIP			
⊗	-	AGUA	1/4"-2" BRONZE BODY BALL VALVE, LINE SIZE			
⊗	-	-	EXISTING GATE VALVE, TO REMAIN			
⊗	W5V	WATTS	2.5"-4" BRASS BODY GATE VALVE, LINE SIZE			
⊕	PEB-PRS-D	RAINBIRD	ELECTRIC PRESSURE COMPENSATING REMOTE CONTROL VALVE, SIZE PER PLAN			
⊕	-	RAINBIRD	QUICK COUPLER, 3/8"-DLRC VALVE KEY, 3/8"-DK HOSE SNIWEL, 3/8"-O			
PIPING						
---	---	---	SCHEDULE 40 PVC NON-PRESSURIZED LATERAL LINE, PURPLE COLOR, 18" DEEP, NSF APPROVED, SIZE PER CHART			
---	---	---	EXISTING IRRIGATION MAINLINE TO REMAIN			
---	---	---	SCH 40 (UP TO 1-1/2") CLASS 315 (2" TO 4") PVC PRESSURIZED MAINLINE, PURPLE COLOR, NSF APPROVED, SIZE PER PLAN, 24" DEEP, 36" DEEP AT FIRE LANES AND STANDARD PAVING			
---	---	---	SCH 40 PVC SLEEVES, (2) IN EACH LOCATION, SIZE AS REQUIRED, 3" MIN. IN SIZE, 36" MINIMUM DEPTH			
---	---	---	EXISTING SLEEVE, JOINT TRENCH			

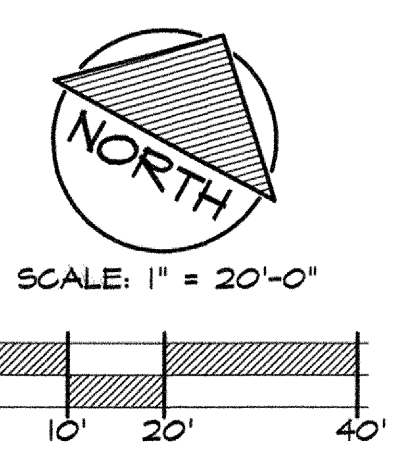
HYDROZONES:

- LOW
- MODERATE
- HIGH

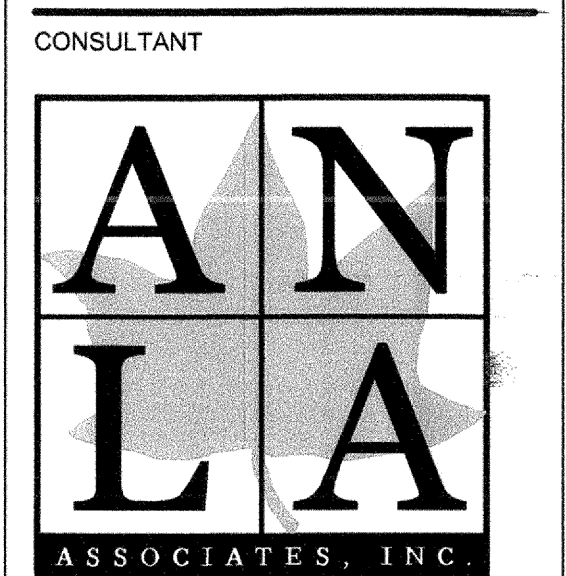
HYDROZONE NOTES:
 1. HYDROZONES BASED ON PLANT SPECIES WATER USE FOR ZONE I PER WICOLS IV, 2014.
 2. HYDROZONE NUMBERS CORRESPOND TO VALVE NUMBERS. TREE BUBBLER VALVES ARE FOR TEMPORARY IRRIGATION AND NOT PART OF THE MPELO CALCULATIONS.

Reference Evapotranspiration (ET _o)	45.3	Project Type	Non-Residential	0.65				
Hydrozone # / Planting Description	Plant Factor (PF)	Irrigation Method	Irrigation Efficiency (IE)c	ETAF (PF/IE)	Landscape Area (Sq. Ft.)	ETAF x Area	Estimated Total Water Use (ETWU)d	
Regular Landscape Areas								
A20 (Shrub Bubbler)	0.2	Drip	0.81	0.25	3707	915	25707	
A21 (Shrub Bubbler)	0.2	Drip	0.81	0.25	4472	1104	31012	
A22 (Shrub Bubbler)	0.2	Drip	0.81	0.25	907	224	6290	
A23 (Shrub Bubbler)	0.2	Drip	0.81	0.25	3027	747	20992	
A24 (Tree Bubbler)	0.2	Drip	0.81	0.25	0	0	0	
A25 (Shrub Bubbler)	0.2	Drip	0.81	0.25	960	237	6657	
					Totals	13073	3228	90659
Special Landscape Areas								
					1	0	0	
					Totals	0	0	
					ETWU Total 90659			

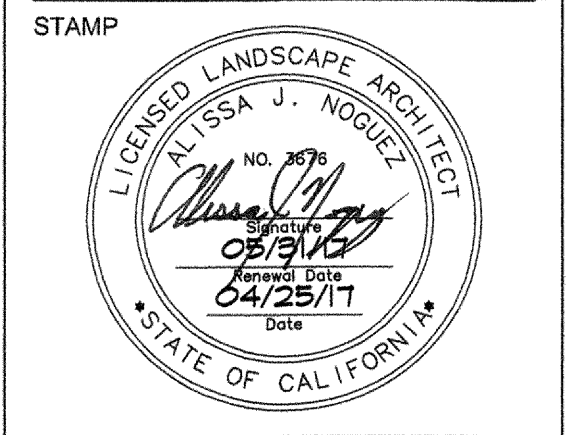
Maximum Allowed Water Allowance (MAWA) ^e		238659
ETAF Calculations		
Regular Landscape Areas		
Total ETAF x Area	3228	
Total Area	13073	
Average ETAF	0.25	
All Landscape Areas		
Total ETAF x Area	3228	
Total Area	13073	
Average ETAF	0.25	



PROJECT
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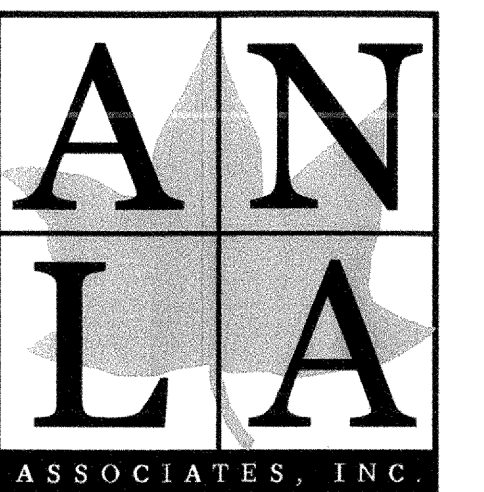
DATE
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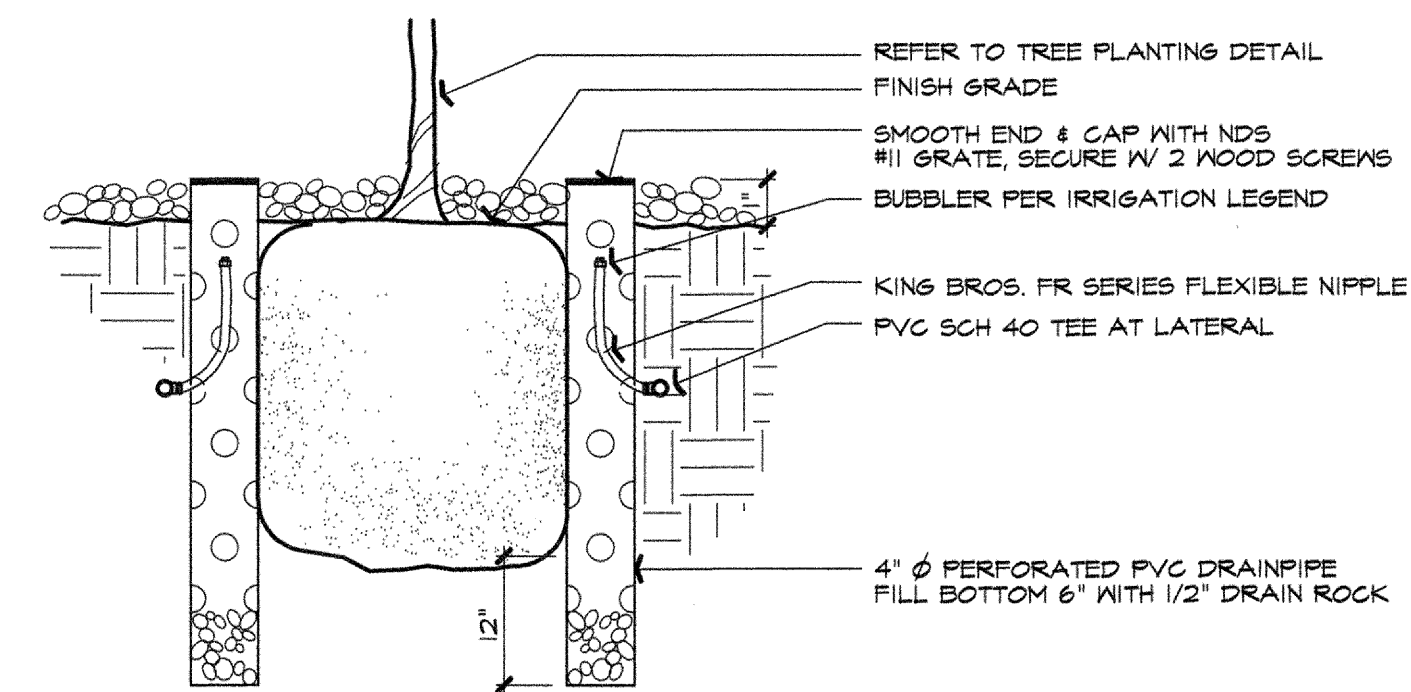
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 SHEET

IRRIGATION PLAN

DATE **10/06/2016**
 JOB # **2014037.03**
 ANLA - 11414
 SHEET #
L3.1p

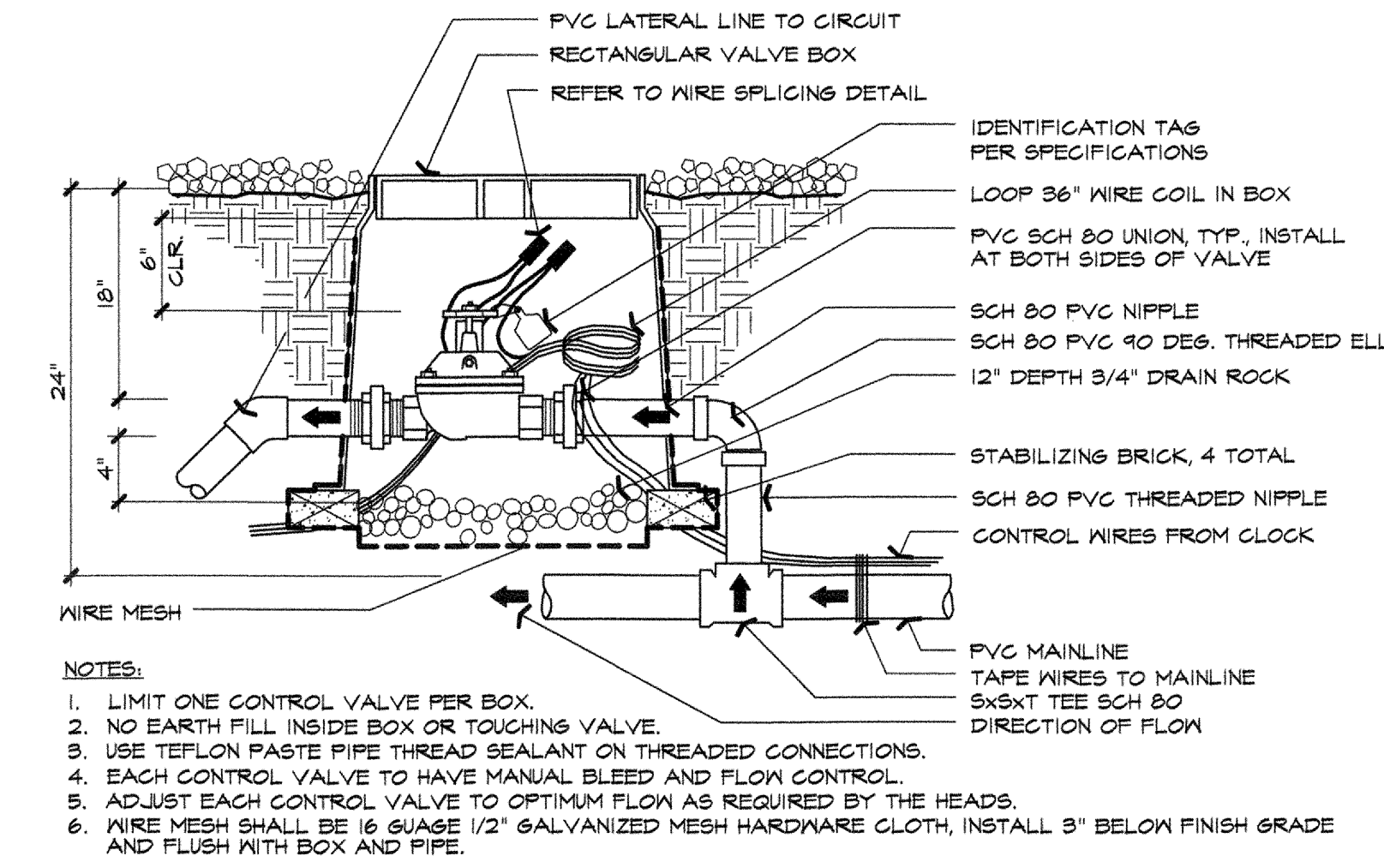


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DSA SUB	-
DSA BACK	4/26/2017



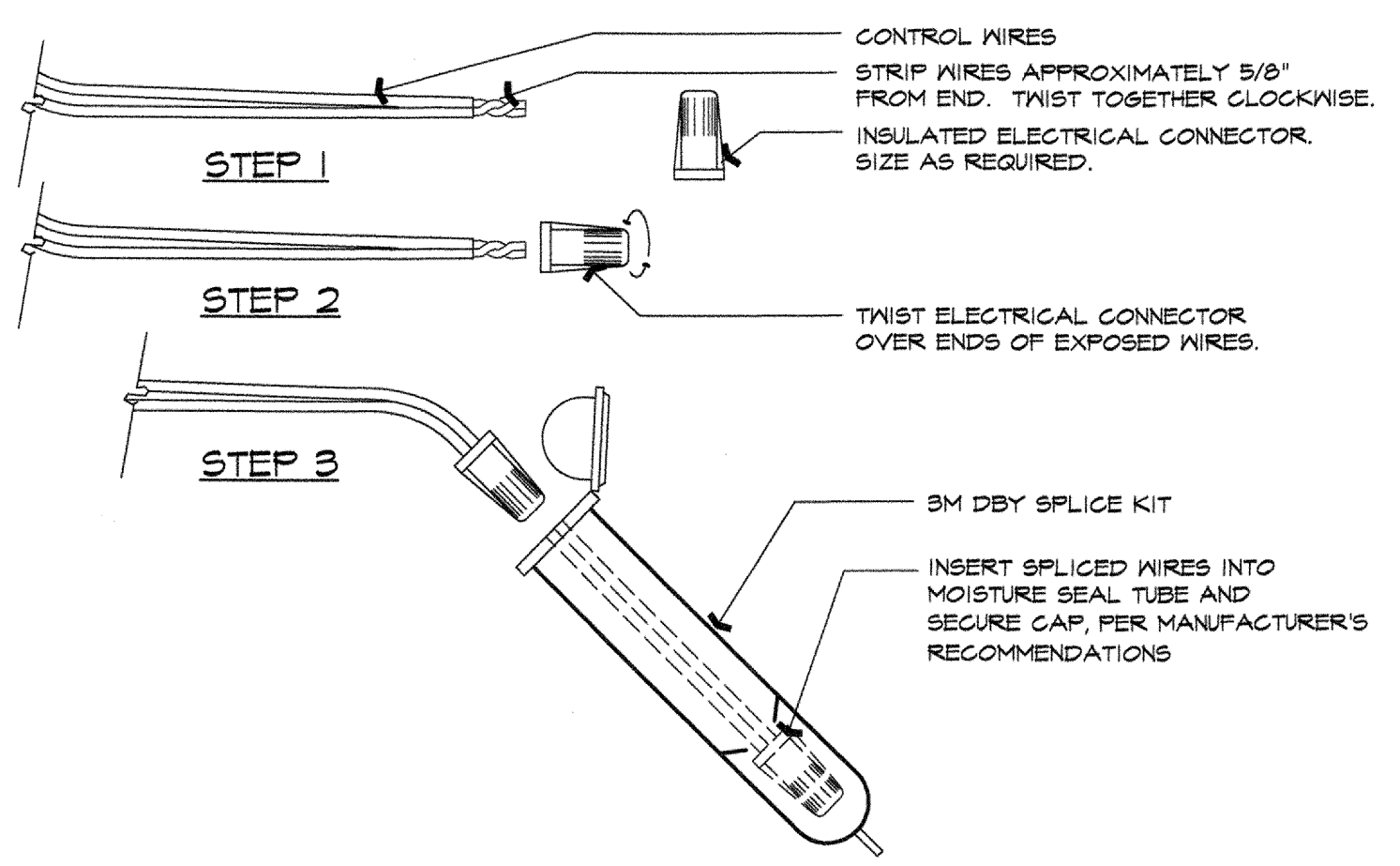
H TREE BUBBLER

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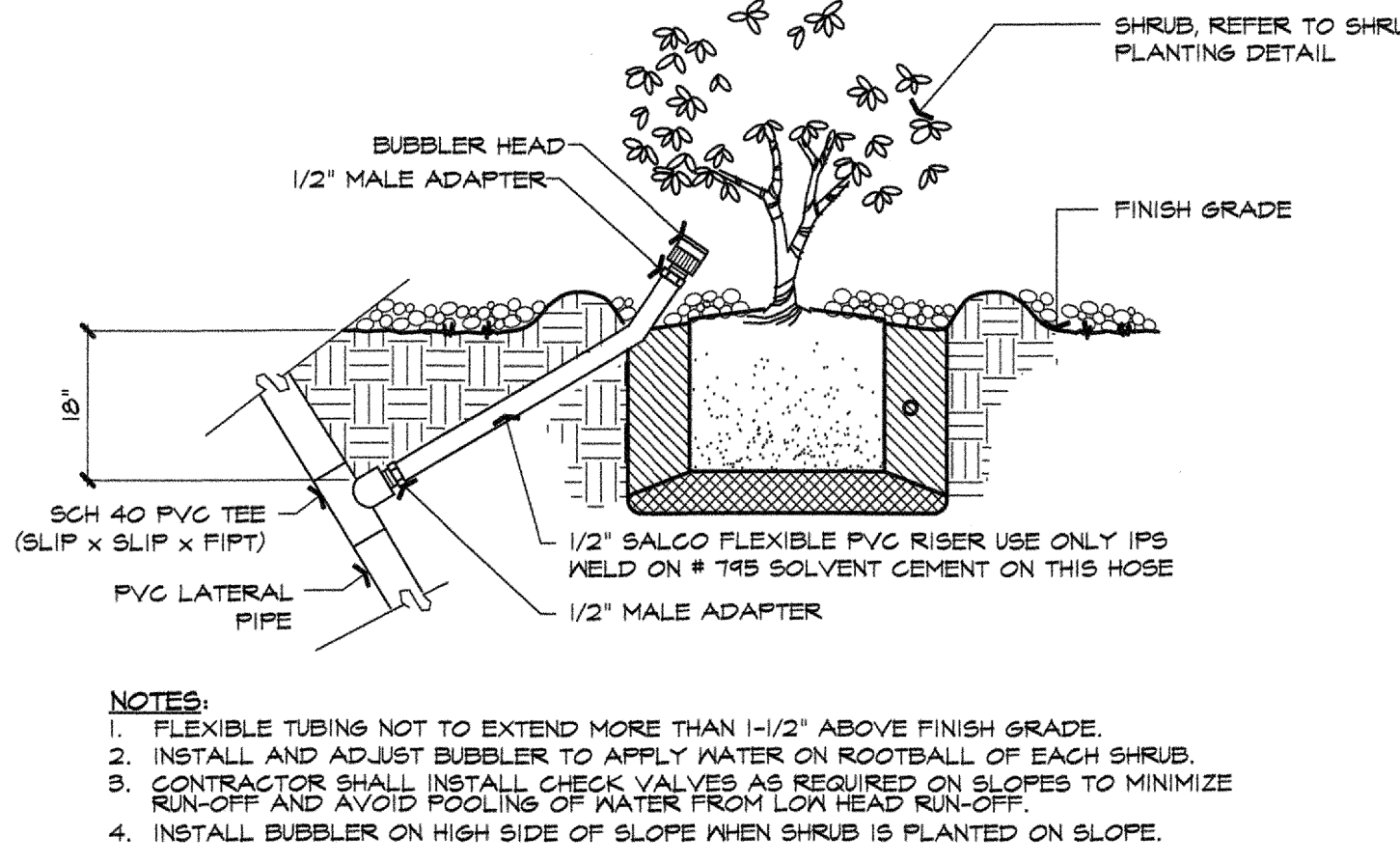
D REMOTE CONTROL VALVE

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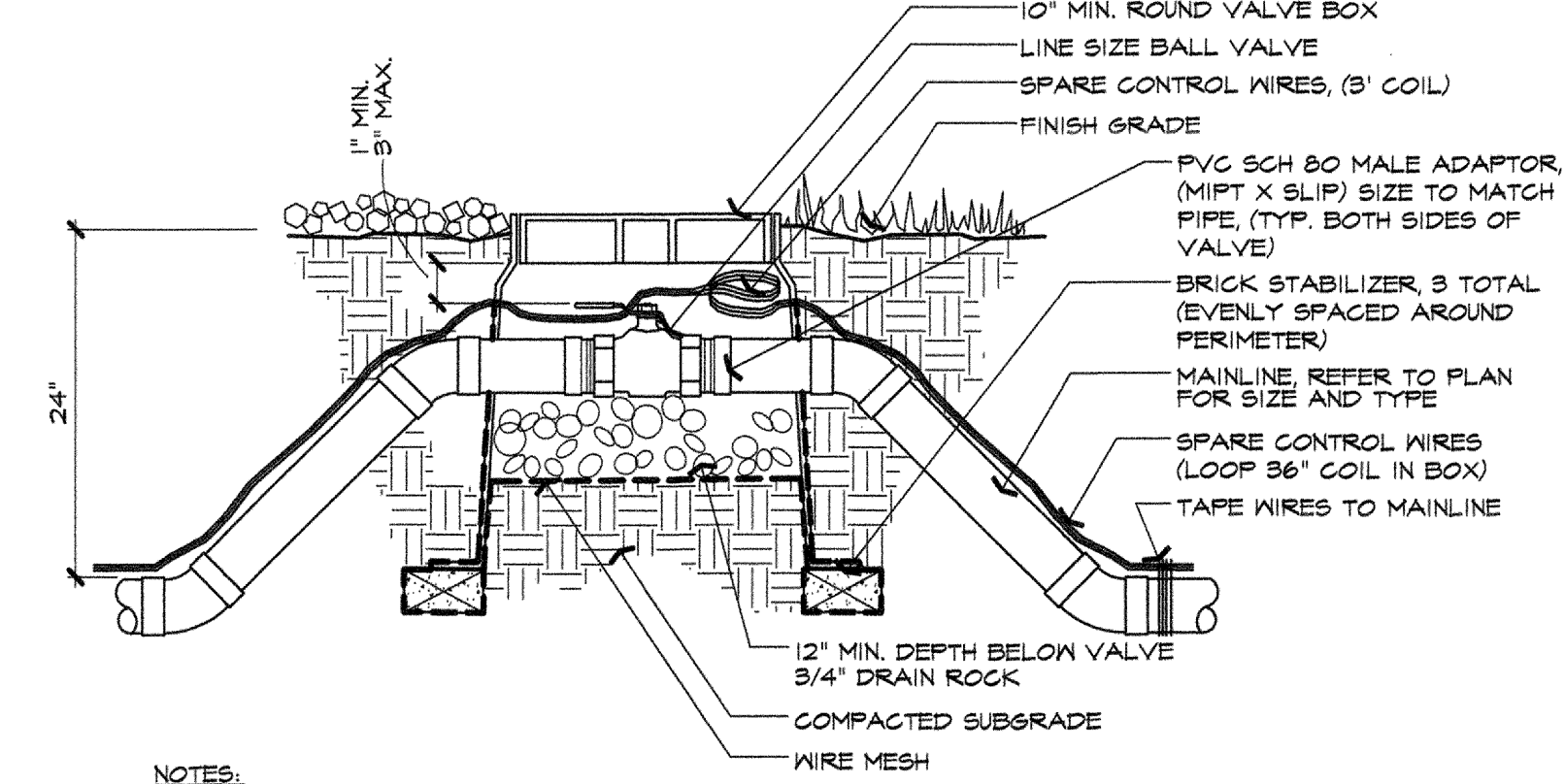
K WIRE SPLICING

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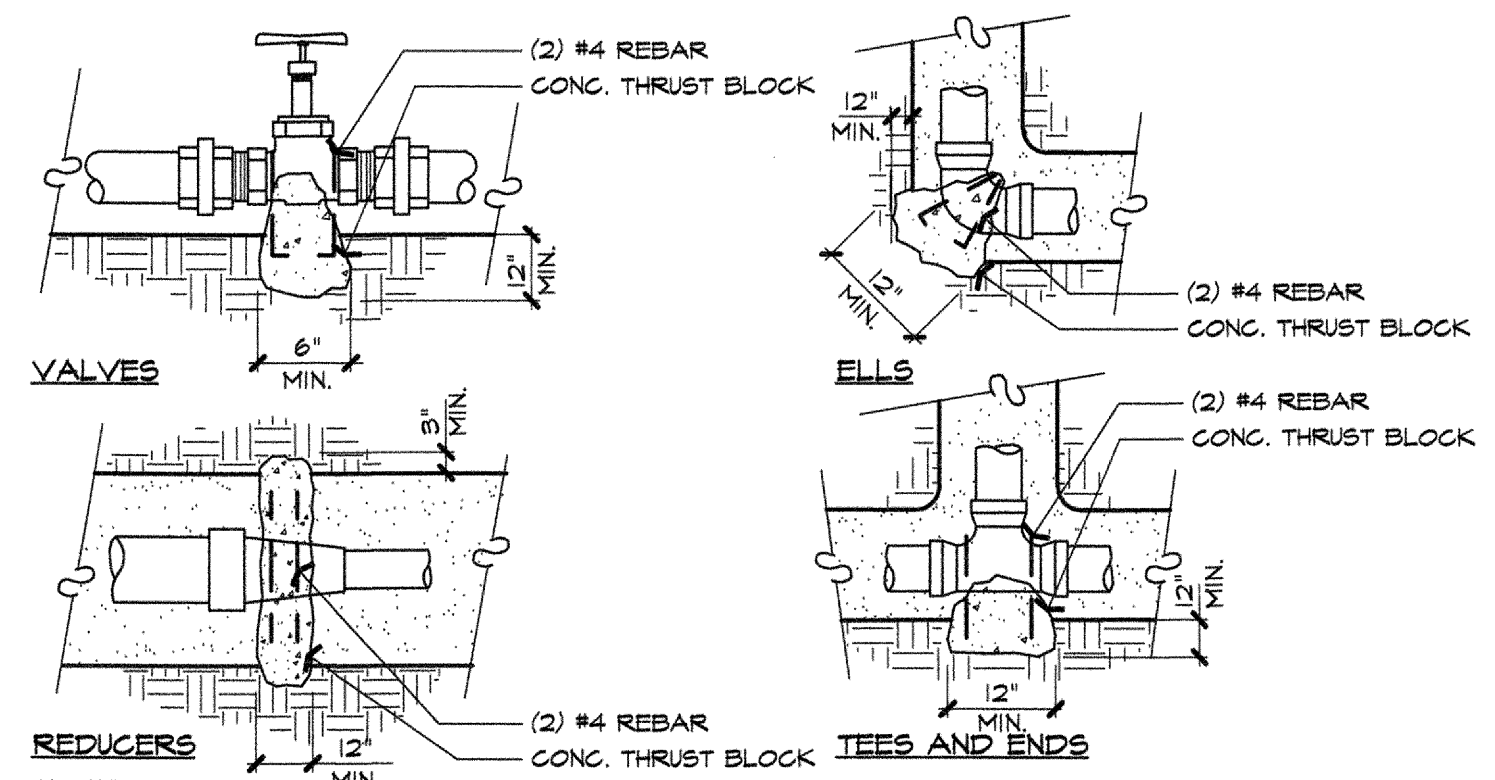
G SHRUB BUBBLER

SCALE: NTS



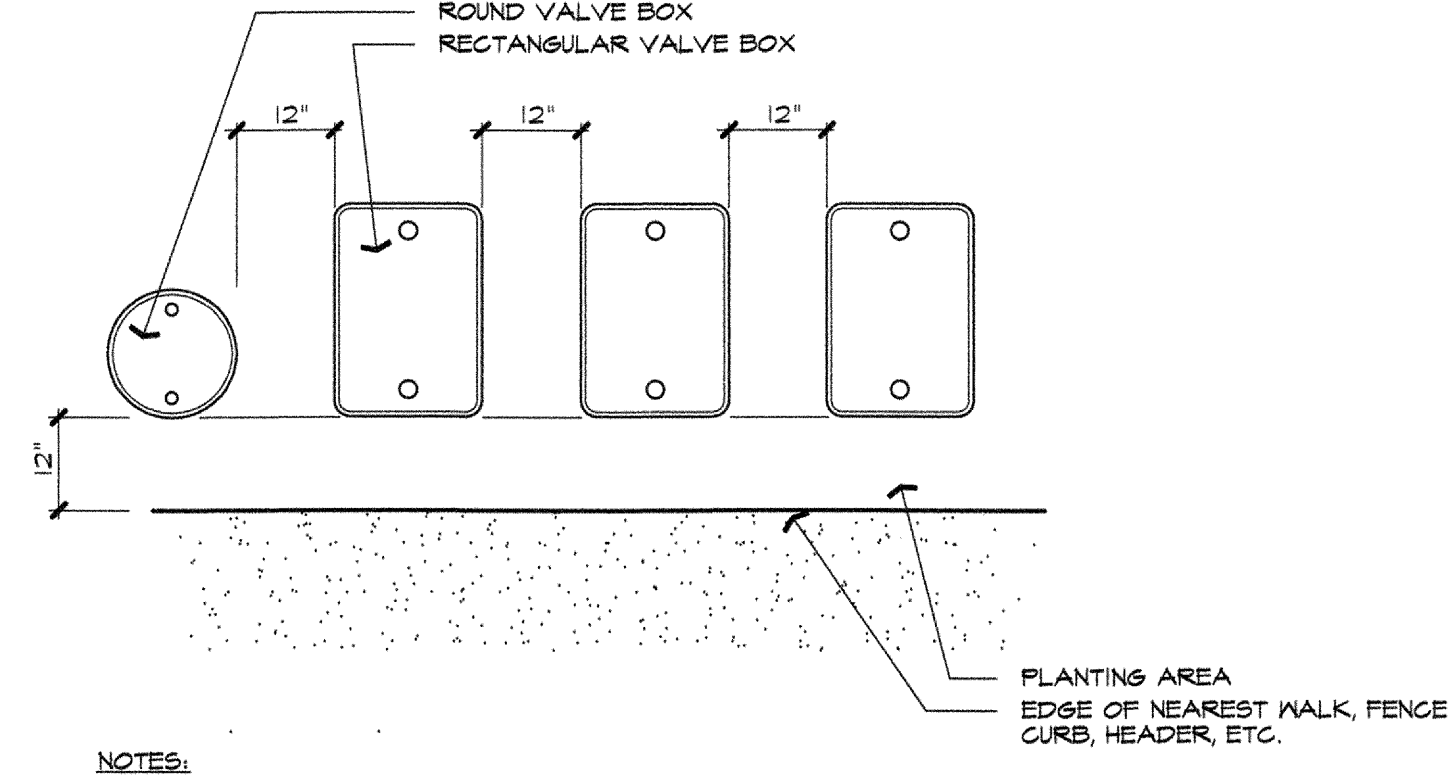
C BALL VALVE

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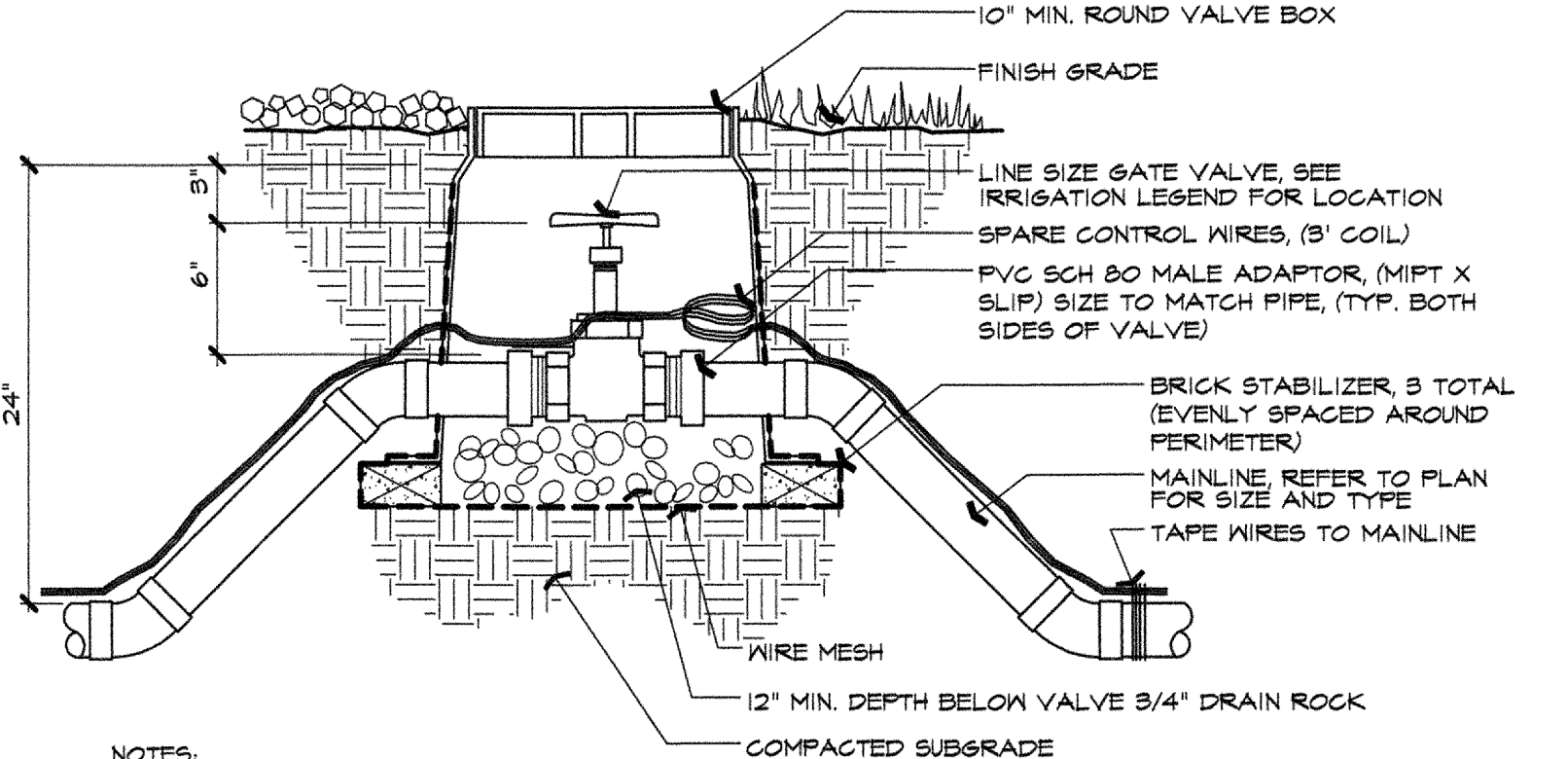
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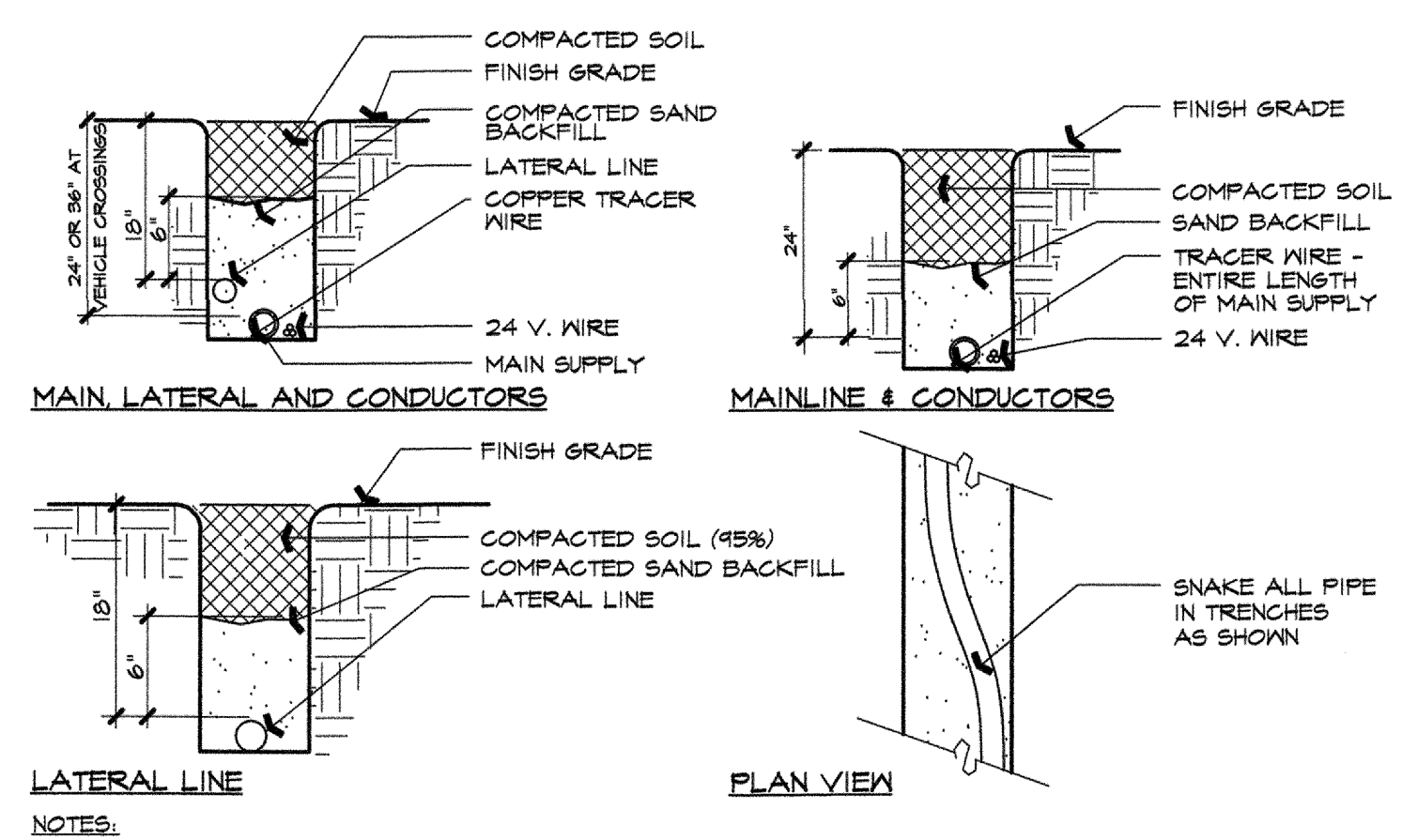
F VALVE ALIGNMENT

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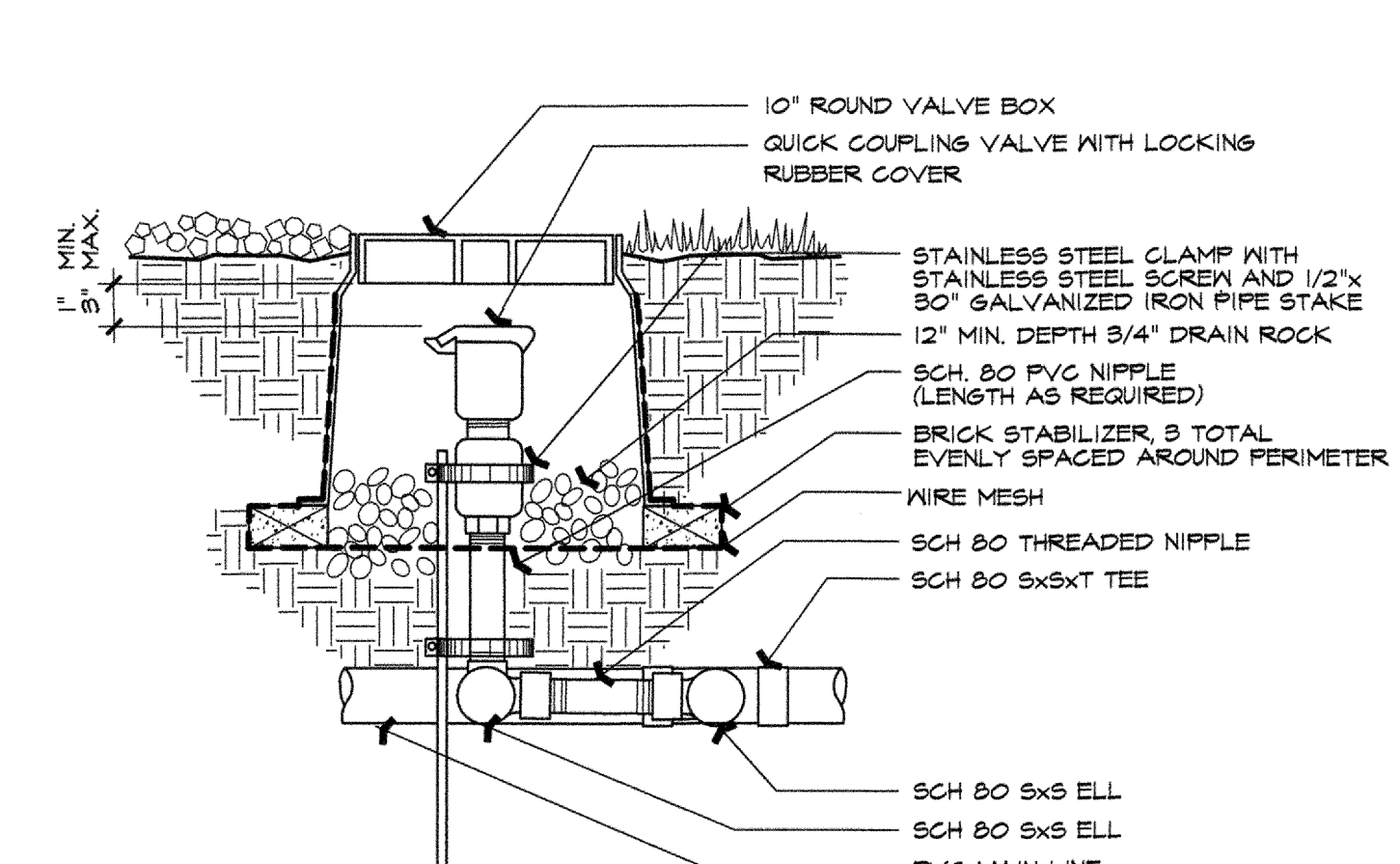
B GATE VALVE

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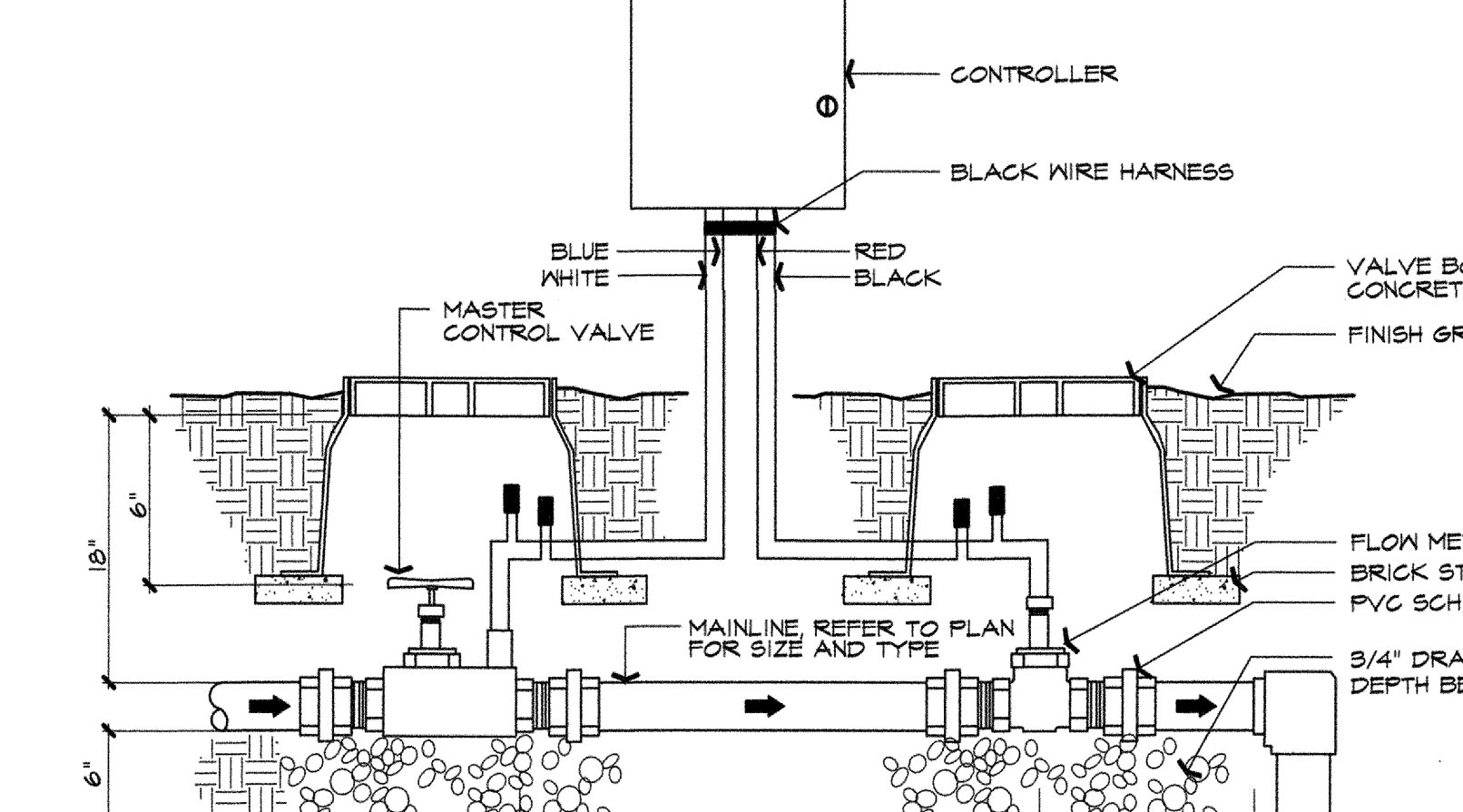
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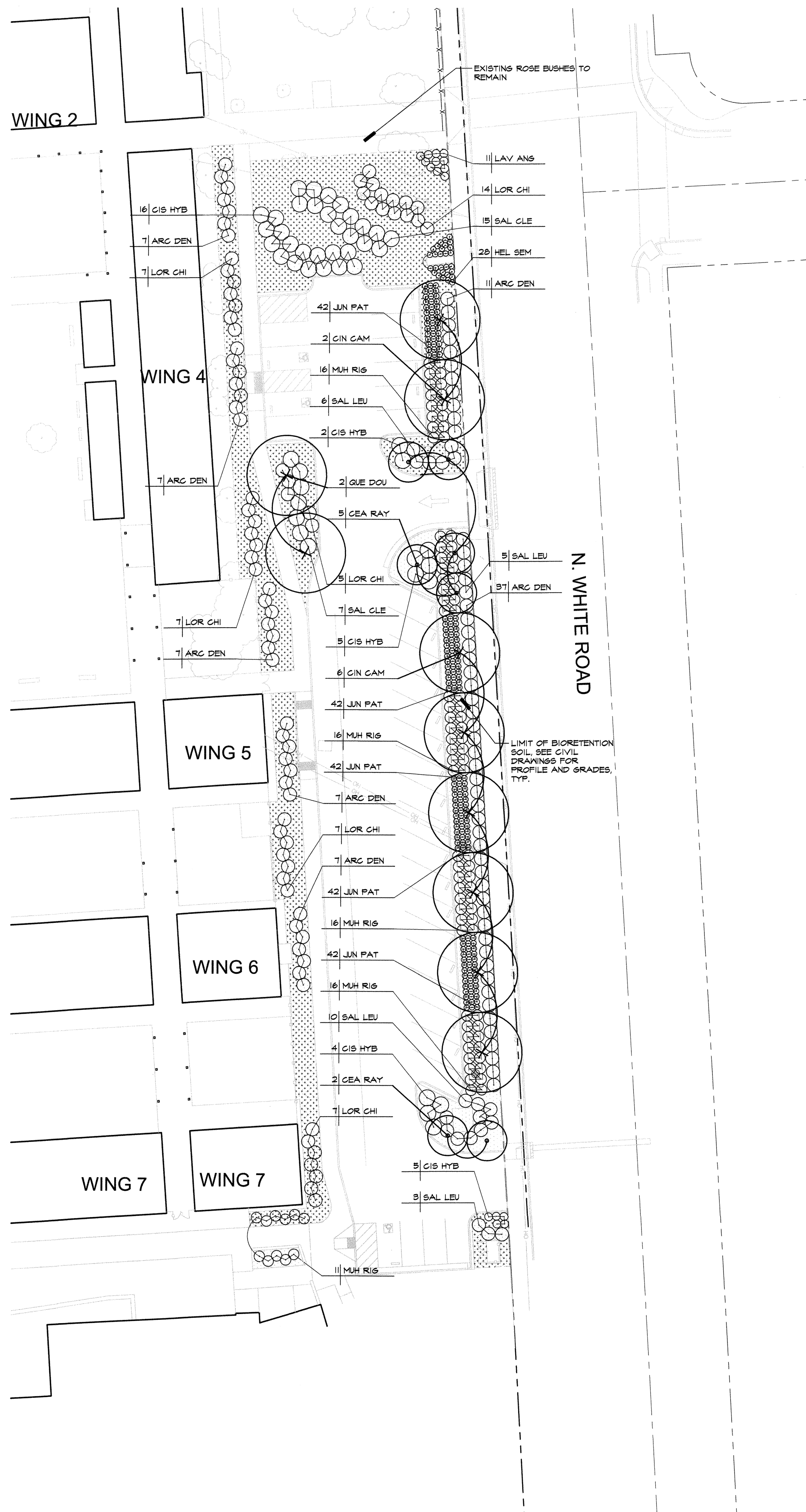
E QUICK COUPLER VALVE

SCALE: NTS



A MASTER CONTROL VALVE AND FLOW SENSOR

SCALE: NTS



PLANTING NOTES

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- FINE GRADING, HEADERS AND IRRIGATION COVERAGE SHALL BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO PLANTING OPERATIONS.
- CONTRACTOR SHALL LAY OUT PLANT MATERIAL PER PLAN AND FACE TO GIVE BEST APPEARANCE OR RELATION TO ADJACENT PLANTS, STRUCTURES OR VIEWS. CONTRACTOR TO OBTAIN APPROVAL FROM OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- PLANT MATERIAL SHALL NOT BE INSTALLED IN AN AREA WHICH WILL CAUSE HARM TO ADJACENT STRUCTURES OR OBSTRUCT IRRIGATION SPRAY PATTERN. NOTIFY THE OWNER SHOULD CONFLICTS ARISE.
- PLANT LOCATIONS ARE DIAGRAMMATIC AND MAY BE ADJUSTED IN THE FIELD AT THE OWNER'S REPRESENTATIVE'S REQUEST PRIOR TO INSTALLATION. OBTAIN APPROVAL OF PLANT LAYOUT FROM OWNER'S REPRESENTATIVE PRIOR TO PLANTING.
- UNLESS OTHERWISE NOTED, FINISH GRADE OF SHRUB AND GROUND COVER AREAS SHALL BE 2" BELOW ADJACENT PAVING, TAPE 3" DEPTH BARK MULCH TOP DRESSING TO 1/2" BELOW ADJACENT PAVING (1-1/2" DEPTH) WITHIN 2' OF PAVING. FINISH GRADE OF SEEDED TURF AREAS SHALL BE 1/2" BELOW ADJACENT PAVING. FINISH GRADE OF SODDED TURF AREAS SHALL BE 1" BELOW ADJACENT PAVING.
- GROUND COVERS SHALL BE PLANTED EVENLY AND CONTINUOUSLY UNDER TREE AND SHRUB MASSES.
- ALL PLANTING AREAS SHALL RECEIVE A 3" MIN. DEPTH BARK MULCH TOP DRESSING. BARK MULCH IN NON-BIORETENTION AREAS SHALL BE REPUBLIC SERVICES' PRO-CHIP MULCH. BARK MULCH IN BIORRETENTION AREAS SHALL BE SUNGRO HORTICULTURE'S SHREDDED CEDAR MULCH.
- ALL NEWLY PLANTED MATERIAL SHALL BE THOROUGHLY SOAKED WITH WATER WITHIN 3 HOURS OF PLANTING.
- ALL EXISTING TREES, SHRUBS AND GROUND COVERS TO REMAIN SHALL BE PROTECTED. ANY DAMAGE CAUSED BY CONTRACTOR'S WORK OR NEGLIGENCE SHALL BE REPLACED OR REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- THIRTY DAYS AFTER PLANTING, CONTRACTOR SHALL RE-STAKE AND STRAIGHTEN TREES AS NECESSARY.
- REFER TO PLANTING DETAILS, SHEET L4.2p AND SPECIFICATIONS SECTIONS: 01 56 51 TREE AND PLANT PROTECTION 02 46 00 LANDSCAPE PLANTING

PLANT LEGEND

SYMBOL	SIZE	BOTANICAL NAME	COMMON NAME
TREES:			
CIN CAM	24" BOX	CINAMOMUM CAMPHORA	CAMPHOR LAUREL
CEA RAY	15 GAL	CEANOTHUS RAY HARTMAN	WILD LILAC
QUE DOU	24" BOX	QUERCUS DOUGLASSII	BLUE OAK
SHRUBS:			
ARC DEN	5 GAL	ARGOSTAPHYLOS DENSIFLORA HOWARD MCMINN	MANZANITA
CIS HYB	5 GAL	CISTUS X HYBRIDUS	WHITE ROCKROSE
HEL SEM	1 GAL	HELIOTRICHON SEMPERVIRENS	BLUE OAT GRASS
JUN PAT	1 GAL	JUNCUS PATENS	CALIFORNIA GREY RUSH
LAV ANG	1 GAL	LAVANDULA ANGSTUFOLIA	ENGLISH LAVENDER
LOR CHI	5 GAL	LOROPETALUM CHINENSIS PURPLE MAJESTY	CHINESE FRINGE FLOWER
MUH RIG	5 GAL	MUHLENBERGIA RIGENS	DEER GRASS
SAL CLE	5 GAL	SALVIA CLEVELANDII	CLEVELAND SAGE
SAL LEU	1 GAL	SALVIA LEUCANTHA	MEXICAN BUSH SAGE

GROUND COVERS:

[Symbol]	1 GAL	ESCHSCHOLZIA CALIFORNICA PLANT AT 24" O.C.	CALIFORNIA POPPY
----------	-------	--	------------------

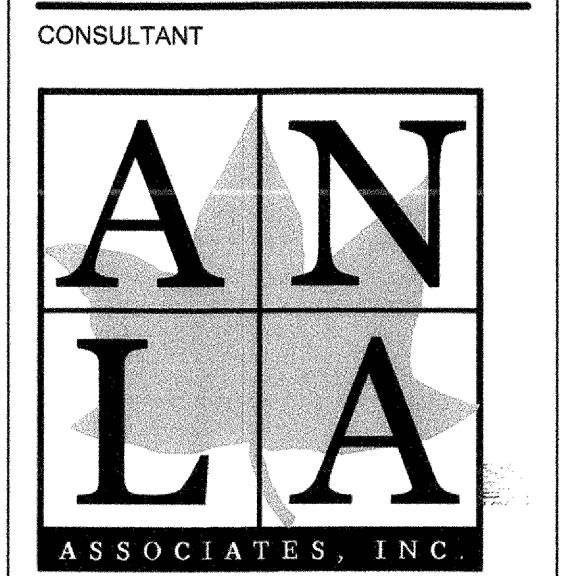
MATERIALS:
 [Symbol] 3" OF BARK MULCH AND PRE-EMERGENT ONLY

HYDROZONES:

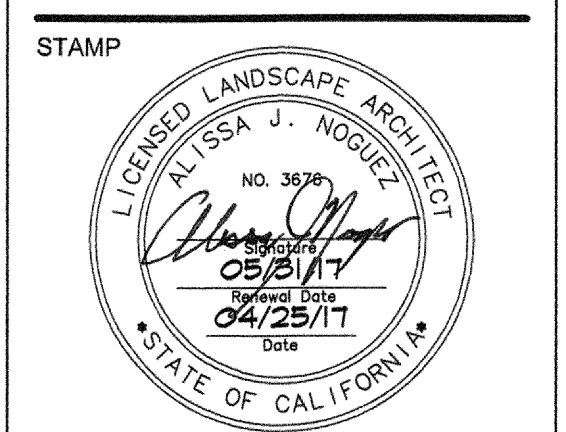
[Symbol]	LOW
[Symbol]	MODERATE
[Symbol]	HIGH

HYDROZONE NOTES:
 1. HYDROZONES BASED ON PLANT SPECIES WATER USE FOR ZONE I PER WUCOLS IV, 2014.
 2. SEE IRRIGATION PLAN FOR HYDROZONE NUMBERS AND CALCULATIONS.

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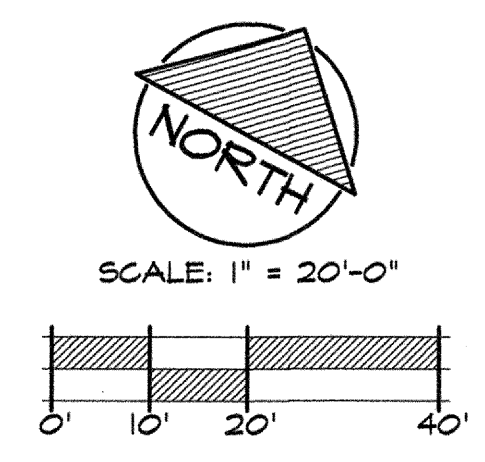
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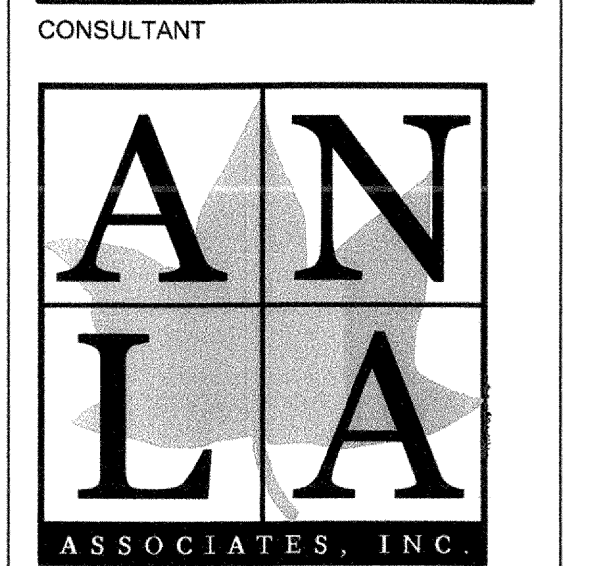
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PLANTING PLAN

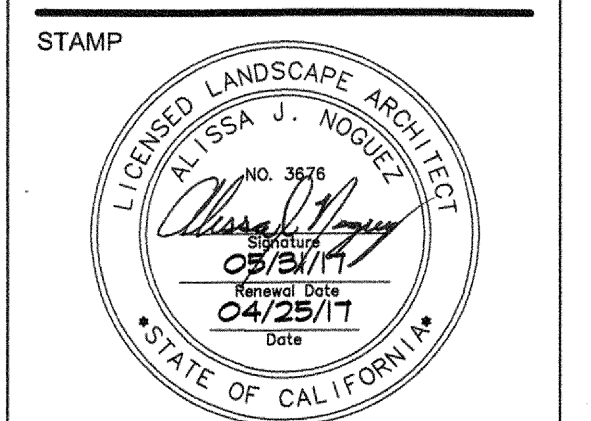
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 SHEET # **L4.1p**



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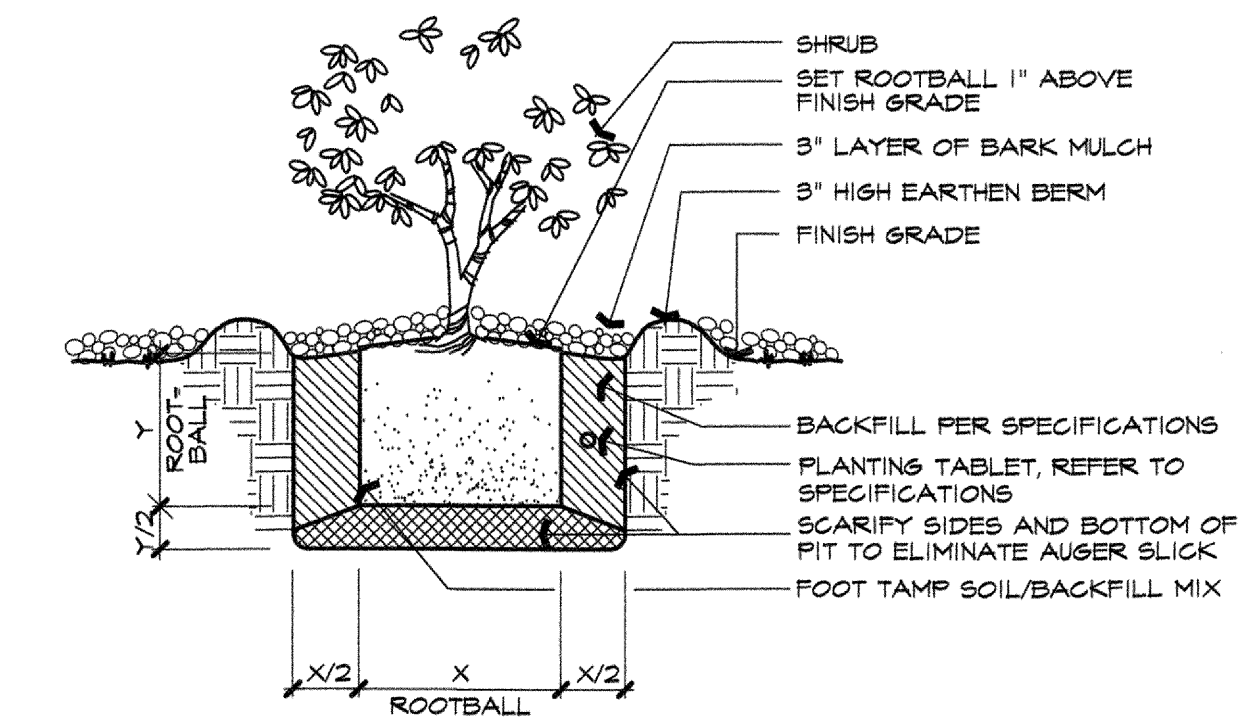
**PLANTING
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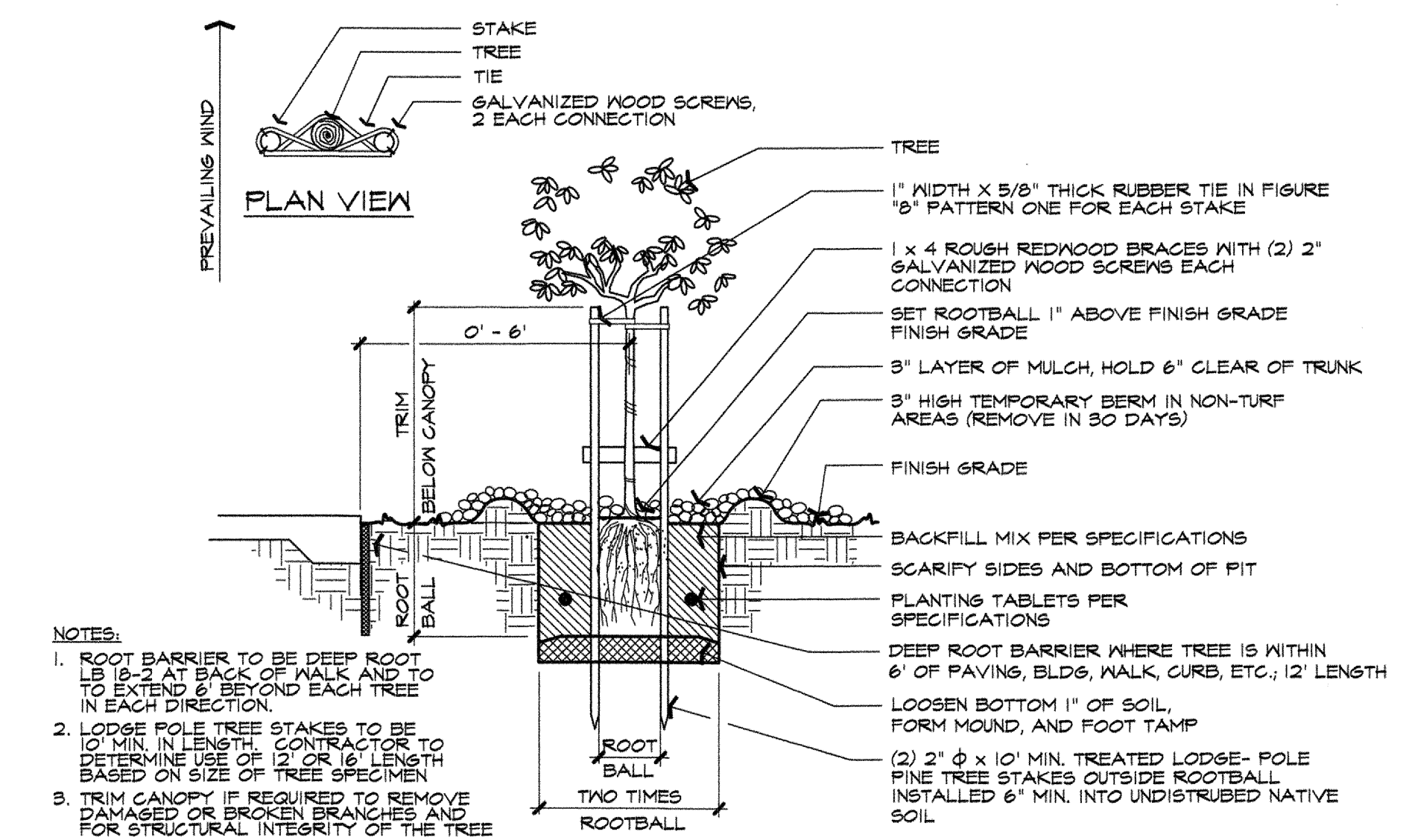
SHEET #
L4.2p

L H D

K G C **SHRUB PLANTING** SCALE: NTS



J E B **TREE PLANTING** SCALE: NTS



I E A **TREE PROTECTION** SCALE: NTS

