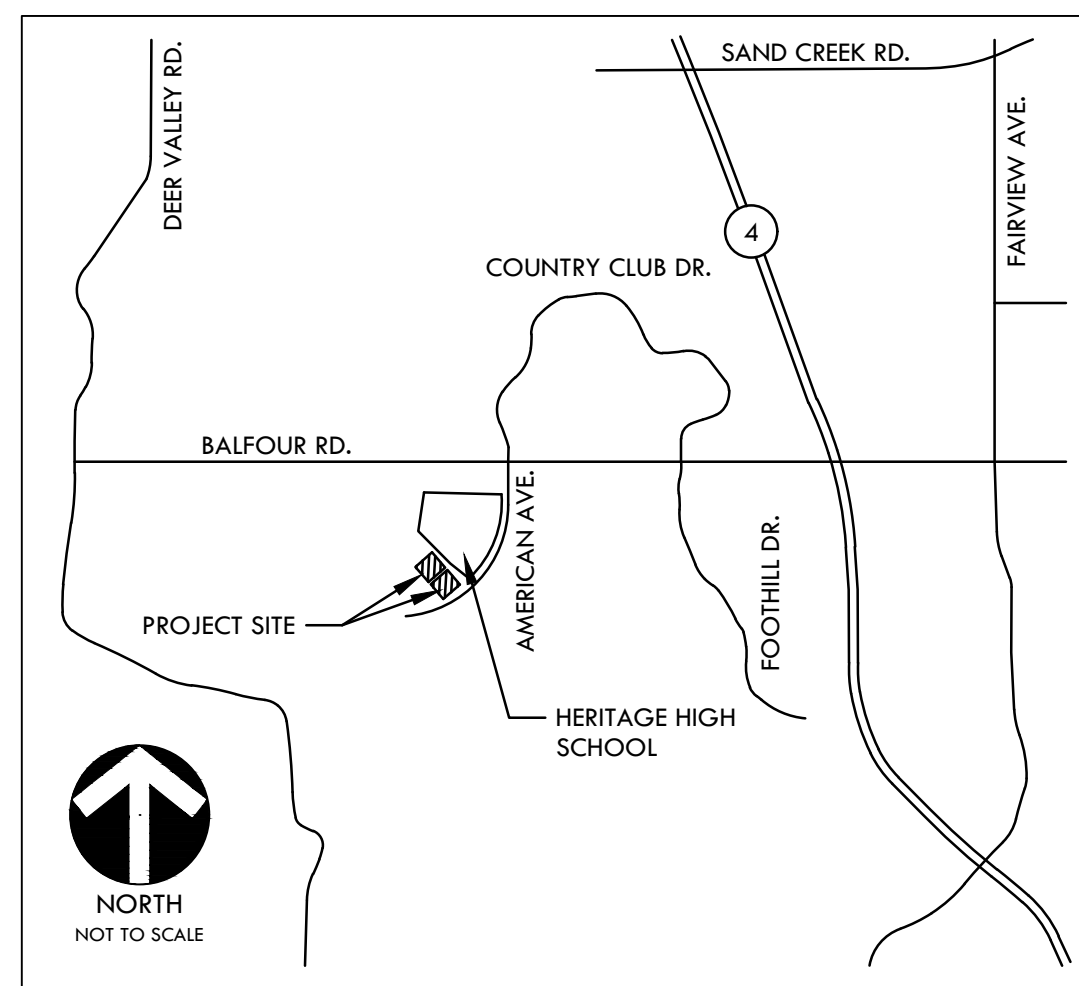
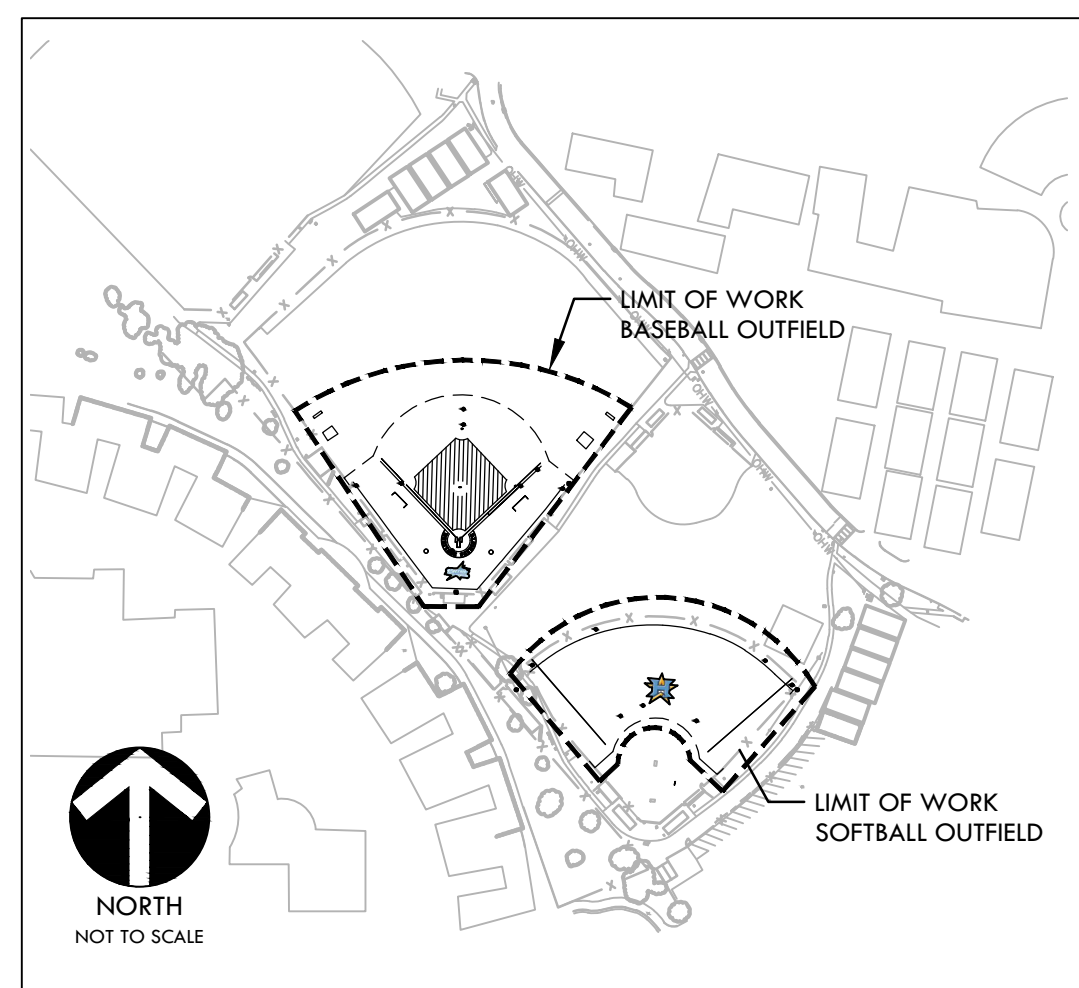


PROJECT MAPS



VICINITY MAP



SITE MAP

CONSTRUCTION DRAWINGS FOR HERITAGE HIGH SCHOOL BASEBALL INFIELD & SOFTBALL OUTFIELD IMPROVEMENTS

101 AMERICAN AVE
BRENTWOOD, CA 94513
LIBERTY UNION HIGH SCHOOL DISTRICT
VERDE DESIGN, INC. PROJECT NO. 2111100

PREPARED BY



VERDE DESIGN

LANDSCAPE ARCHITECTURE
CIVIL ENGINEERING
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Santa Clara, CA 95050
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fax: 408.985.7260
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CONTACT INFORMATION

| ORGANIZATION | NAME | PHONE |
|---|---|--|
| OWNER LIBERTY UNION HIGH SCHOOL DISTRICT | PAUL MELLONI | (925) 634-3812 |
| LANDSCAPE ARCHITECT VERDE DESIGN INC. | DEREK MCKEE JERRY JIANG NIRMALA NAVARRO | (408) 850-3410 (408) 850-3409 (408) 850-3474 |

SCOPE OF WORK

BASE BID
SCOPE OF WORK SHALL INCLUDE THE DEMOLITION OF EXISTING INFIELD FINES, NATURAL TURF, AND IRRIGATION. CONTRACTOR SHALL COMPLETE EARTHWORK AND GRADING OPERATIONS, THE INSTALLATION OF NEW CONCRETE WORK, DRAINAGE SYSTEM IMPROVEMENTS, FENCING, EDGEBANDS, ATHLETIC FURNISHINGS, SYNTHETIC TURF, INFIELD FINES, IRRIGATION, AND LANDSCAPING.

- BID ALTERNATE**
- BID ALTERNATE A - SYNTHETIC TURF MAINTENANCE CONTRACT, REFER TO SPECIFICATIONS.

GENERAL NOTES

- PRIOR TO BIDDING, THE GENERAL CONTRACTOR SHALL VISIT & INSPECT THE SITE & FAMILIARIZE THEMSELVES WITH 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. CONTRACTOR SHALL NOTIFY THE OWNER OF ANY CONDITIONS, REQUIRING WORK, WHICH ARE NOT COVERED IN THE CONTRACT DOCUMENTS.
- NO CONSTRUCTION SHALL COMMENCE WITHOUT THE OFFICIAL NOTICE TO PROCEED FROM THE OWNER.
- THE GENERAL CONTRACTOR & SUBCONTRACTORS ARE RESPONSIBLE FOR LOCATING & VERIFYING ALL EXISTING UNDERGROUND UTILITIES IN ALL AREAS OF NEW WORK PRIOR TO COMMENCEMENT OF EXCAVATION. EXISTING UTILITIES SHOWN ON THE DRAWINGS ARE APPROXIMATE ROUTING LOCATIONS AS BEST DETERMINED FROM EXISTING DRAWINGS AND THE OWNER, BUT SHOULD NOT BE CONSTRUED TO REPRESENT ALL OF THE EXISTING UNDERGROUND UTILITIES. THE CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES THAT MAY BE AFFECTED BY NEW FACILITIES IN THIS CONTRACT. VERIFY ACTUAL LOCATION AND DEPTH OF UTILITIES, AND REPORT POTENTIAL CONFLICTS TO THE OWNER PRIOR TO EXCAVATING FOR NEW FACILITIES.
- CONTRACTOR SHALL TAKE ALL NECESSARY STEPS TO PROTECT ALL EXISTING UTILITIES, WHETHER SHOWN OR NOT, IN THE CONTRACT DOCUMENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO EXISTING UTILITIES CAUSED BY ITS OPERATIONS.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING ITEMS WITHIN SITE IMPROVEMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR ALL DAMAGED AREAS TO THEIR ORIGINAL CONDITION OR BETTER AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
- DIMENSIONS AND LOCATIONS OF EXISTING FACILITIES ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY CONTRACTOR. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER.
- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE, CALIFORNIA PLUMBING CODE, CALIFORNIA FIRE CODE AND ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES, AS WELL AS ADAPTED STANDARDS.
- ALL NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH, AND AS A SUPPLEMENT TO, THE WRITTEN SPECIFICATIONS AND DETAILS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
- THIS DRAWING SET SHALL BE USED IN CONJUNCTION WITH THE CSI FORMAT SPECIFICATIONS PUBLISHED IN BOOK FORM. COMBINED, THEY ARE HEREBY REFERRED TO AS THE "CONTRACT DOCUMENTS".
- DIMENSIONS ON WORKING DRAWINGS TAKE PRECEDENCE OVER MEASURED ELEMENTS. CONTRACTOR SHALL NOT SCALE DRAWINGS.
- ALL TYPICAL DETAILS SHALL APPLY UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL PROVIDE ADEQUATE DUST CONTROL AND KEEP MUD AND DEBRIS OFF THE PUBLIC RIGHT-OF-WAY AT ALL TIMES.
- 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.
- ANY ALTERATIONS OF EXISTING FACILITIES TO ACCOMMODATE THE INSTALLATION OF NEW WORK SHALL BE REVIEWED BY THE OWNER PRIOR TO COMMENCING WORK.
- CONTRACTOR SHALL COORDINATE ALL WORK TO AVOID DISTURBING STUDENTS OR TEACHERS DURING SCHOOL HOURS. ANY DISRUPTION OF THE UTILITIES MUST BE COORDINATED AND APPROVED BY THE OWNER AND INSPECTOR OF RECORD PRIOR TO COMMENCING WORK.
- ALL TEMPORARY WORK SHALL BE CONSIDERED A PART OF THIS CONTRACT AND NO EXTRA CHARGES WILL BE ALLOWED. THIS SHALL INCLUDE MINOR ITEMS OF MATERIAL OR EQUIPMENT NECESSARY TO MEET THE REQUIREMENTS AND INTENT OF THE PROJECT.
- THE PLANS AND SPECIFICATIONS DO NOT UNDERTAKE TO SHOW OR LIST EVERY ITEM TO BE PROVIDED, BUT RATHER TO DEFINE THE REQUIREMENTS FOR A FULL AND WORKING SYSTEM FROM THE STANDPOINT OF THE END USER. FOR THIS REASON, WHEN AN ITEM NOT SHOWN OR LISTED IS CLEARLY NECESSARY FOR PROPER CONTROL/OPERATION OF EQUIPMENT WHICH IS SHOWN OR LISTED, THE CONTRACTOR SHALL PROVIDE AN ITEM WHICH WILL ALLOW THE SYSTEM TO FUNCTION PROPERLY AT NO INCREASE IN PRICE.
- ALL CONTRACTORS SHALL REMOVE TRASH AND DEBRIS STEAMING FROM THEIR WORK ON A DAILY BASIS. PROJECT SITE SHALL BE MAINTAINED IN A CLEAN AND ORDERLY CONDITION.
- THE DETAILS REFLECT THE DESIGN INTENT FOR TYPICAL CONDITIONS. THE CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND SHALL INCLUDE, IN HIS SCOPE, THE COST FOR COMPLETE FINISHED INSTALLATIONS, INCLUDING ANOMALIES, OF ALL TRADES.
- NO WORK SHALL COMMENCE WITH UNAPPROVED MATERIALS. ANY WORK DONE WITH UNAPPROVED MATERIALS AND EQUIPMENT IS AT THE CONTRACTOR'S RISK AND IS SUBJECT TO REJECTION AND REPLACEMENT. SEE SPECIFICATIONS FOR SUBMITTAL AND SUBSTITUTION REQUIREMENTS.
- CONSTRUCTION MATERIALS STORED ON THE SITE SHALL BE PROPERLY STACKED AND PROTECTED SO AS TO PREVENT DAMAGE OR DETERIORATION UNTIL USED. FAILURE IN THIS REGARD MAY BE CAUSE FOR REJECTION OF MATERIAL AND/OR WORK.
- ALL EQUIPMENT SHALL BE FABRICATED FROM FIELD VERIFIED DIMENSIONS AND APPROVED SHOP DRAWINGS. COORDINATE MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT.
- CONTRACTOR SHALL PERFORM THEIR CONSTRUCTION AND OPERATIONS IN A MANNER WHICH WILL NOT ALLOW HARMFUL POLLUTANTS TO ENTER THE STORM DRAIN SYSTEM. TO ENSURE COMPLIANCE, THE CONTRACTOR SHALL IMPLEMENT THE APPROPRIATE BEST MANAGEMENT PRACTICE (BMP) AS OUTLINED IN THE BROCHURES ENTITLED "BEST MANAGEMENT PRACTICE FOR THE CONSTRUCTION INDUSTRY" ISSUED BY THE CALIFORNIA STORM WATER QUALITY ASSOCIATION, NONPOINT SOURCE POLLUTION CONTROL PROGRAM, TO SUIT THE CONSTRUCTION SITE AND JOB CONDITION. THE CONTRACTOR SHALL PRESENT THEIR PROPOSED BMP AT THE PRECONSTRUCTION MEETING FOR DISCUSSION AND APPROVAL.
- CONTRACTOR SHALL PROVIDE TEMPORARY CONSTRUCTION FENCING PER CONTRACT DOCUMENTS TO SERVE LIMIT OF WORK AREAS. FENCING MAY BE ADJUSTED DURING CONSTRUCTION BASED ON CONSTRUCTION SEQUENCE OR THE OWNER'S DIRECTION.
- OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT IN THE STREET RIGHT-OF-WAY SHALL NOT BE PERMITTED.

APPLICABLE CODES

- 2019 CBC CHAPTER 35; PROVIDE ALL THE APPLICABLE/ADOPTED STANDARDS. WHERE A PARTICULAR STANDARD IS REFERENCED IN THE CODE BUT DOES NOT APPEAR AS AN ADOPTED STANDARD IT MAY STILL BE USED. APPLY ONLY THE PORTION OF THE STANDARD THAT IS APPLICABLE TO THE CODE SECTION WHERE THE STANDARD IS REFERENCED, NOT THE ENTIRE STANDARD.
 - 2019 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.
 - 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
 - (2018 INTERNATIONAL BUILDING CODE VOLUMES 1-2)
 - 2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
 - (2017 NATIONAL ELECTRICAL CODE)
 - 2019 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 C.C.R.
 - (2018 UNIFORM MECHANICAL CODE)
 - 2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
 - (2018 UNIFORM PLUMBING CODE)
 - 2019 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.
 - 2019 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
 - (2018 INTERNATIONAL FIRE CODE AND 2016 CALIFORNIA AMENDMENTS)
 - 2019 CALIFORNIA EXISTING BUILDING CODE, PART 10, TITLE 24 C.C.R.
 - (2018 INTERNATIONAL EXISTING BUILDING CODE)
 - 2019 CALIFORNIA "GREEN" BUILDING REQUIREMENTS OR CAL GREEN, PART 11, TITLE 24 C.C.R.
 - 2019 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
 - 2019 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
- LIST OF FEDERAL CODES AND STANDARDS (IF APPLICABLE)
 - AMERICANS WITH DISABILITIES ACT (ADA), TITLE II OR TITLE III
 - FOR TITLE II: UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS) 28 CFR 35.151(C)
 - OR ADA STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 35)
 - FOR TITLE III: ADA STANDARDS FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 36)
 - 2010 AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS FOR ACCESSIBLE DESIGN 28 CFR 36.406
- NOTE: TITLE II APPLIES TO PROJECTS FUNDED AND/OR USED BY STATE AND LOCAL GOVERNMENT SERVICES. TITLE III COVERS PUBLIC ACCOMMODATIONS AND COMMERCIAL FACILITIES. DEPENDING ON THE USE AND FUNDING, BOTH TITLE MAY APPLY TO THE PROJECT.
 - NFPA 13 AUTOMATIC SPRINKLER SYSTEMS 2019 EDITION
 - NFPA 14 STANDPIPE SYSTEMS 2019 EDITION
 - NFPA 17 DRY CHEMICAL EXTINGUISHING SYSTEMS 2017 EDITION
 - NFPA 17A WET CHEMICAL EXTINGUISHING SYSTEMS 2017 EDITION
 - NFPA 20 STATIONARY FIRE PUMPS 2019 EDITION
 - NFPA 24 PRIVATE FIRE SERVICE MAINS 2019 EDITION
 - NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE (CALIFORNIA AMENDED) (NOTE SEE UL STANDARD 1971 FOR "VISUAL DEVICES") 2019 EDITION
 - NFPA 253 CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS 2019 EDITION
 - NFPA 2001 ALCENT AGENT FIRE EXTINGUISHING SYSTEMS 2018 EDITION
 - ASME 17.1 ELEVATOR STANDARD 2016 EDITION
- REFERENCE CODE SECTIONS FOR APPLICABLE STANDARDS - 2019 CALIFORNIA BUILDING CODE (FOR SFM) REFERENCED STANDARDS CHAPTER 35
ADA STANDARD FOR ACCESSIBLE DESIGN (APPENDIX A OF 28 CFR PART 36)
- THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE OWNER REPRESENTATIVE BEFORE PROCEEDING WITH THE WORK.
- ALL EXISTING FIRE EXTINGUISHING SYSTEMS ARE IN COMPLIANCE WITH UL 300, CBC 904.11, CFC 904.11.

SHEET INDEX (27 Sheets)

| SHEET NO. | SHEET DESCRIPTION |
|-----------|---|
| C0.0 | COVER SHEET |
| H-10.1 | OVERALL SITE PLAN |
| H-10.2 | PROJECT SITE ACCESSIBILITY PLAN |
| H-10.3 | EXISTING SITE CONDITIONS REVIEW |
| H-10.4 | EXISTING SITE CONDITIONS REVIEW |
| H-12.1 | EROSION AND SEDIMENT CONTROL PLAN - BASEBALL FIELD |
| H-12.2 | EROSION AND SEDIMENT CONTROL PLAN - SOFTBALL FIELD |
| H-13.1 | DEMOLITION PLAN - BASEBALL FIELD |
| H-13.2 | DEMOLITION PLAN - SOFTBALL FIELD |
| H-13.3 | IRRIGATION DEMOLITION PLAN - BASEBALL FIELD |
| H-13.4 | IRRIGATION DEMOLITION PLAN - SOFTBALL FIELD |
| H-14.1 | GRADING PLAN - BASEBALL FIELD |
| H-14.2 | GRADING PLAN - SOFTBALL FIELD |
| H-15.1 | DRAINAGE AND UTILITY PLAN - BASEBALL FIELD |
| H-15.2 | DRAINAGE AND UTILITY PLAN - SOFTBALL FIELD |
| H-16.1 | LAYOUT PLAN - BASEBALL FIELD |
| H-16.2 | LAYOUT PLAN - SOFTBALL FIELD |
| H-17.1 | MATERIAL AND DETAIL REFERENCE PLAN - BASEBALL FIELD |
| H-17.2 | MATERIAL AND DETAIL REFERENCE PLAN - SOFTBALL FIELD |
| H-18.1 | IRRIGATION PLAN - BASEBALL FIELD |
| D1.1 | DRAINAGE AND UTILITY DETAILS |
| D2.1 | CONSTRUCTION DETAILS |
| D3.1 | ATHLETIC DETAILS |
| D3.2 | ATHLETIC DETAILS |
| D4.1 | IRRIGATION DETAILS |

C0.0

COVER SHEET

ALL IDEAS, DESIGNS, ARRANGEMENTS, AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF VERDE DESIGN, INC. AND WERE CREATED, EVALUATED, AND DESCRIBED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS, OR PLANS SHALL BE USED, REPRODUCED, OR PUBLISHED BY ANY METHOD, IN WHOLE OR IN PART, OR IN CONNECTION WITH ANY PROJECT, WITHOUT THE WRITTEN PERMISSION OF VERDE DESIGN, INC.

HERITAGE HIGH SCHOOL - BASEBALL INFIELD & SOFTBALL OUTFIELD IMPROVEMENTS

BID SUBMITTAL - 05/02/2022

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ACCESSIBILITY PLAN NOTES

1. ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/4" BEVELED AT 1:2 MAX. SLOPE, OR VERTICAL LEVEL CHANGES EXCEEDING 1/4" MAX. AND A 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.
2. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.
3. ACCESSIBLE PARKING SIGNAGE REQUIREMENTS: THE AMENDED REGULATIONS INDICATE THAT THE SIGNAGE AT ACCESSIBLE PARKING SPACES SHALL INCLUDE "MINIMUM FINE \$250" BELOW THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AS EITHER AN ADDITIONAL SIGN OR ADDITIONAL LANGUAGE. THIS FINE POSTING REQUIREMENT IS IN ADDITION TO OTHER SIGNAGE REGULATIONS CONTAINED IN THE CALIFORNIA BUILDING CODE FOR ACCESSIBLE PARKING SPACES.
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5. DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERNATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NON COMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECTS, WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATION INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.
6. DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT."

KEYNOTES

| SYM | DESCRIPTION | DTL REF |
|---------|--|-------------|
| --- | EXISTING ACCESSIBLE PATH OF TRAVEL - MAX. CROSS SLOPE 2% | |
| - - - - | LIMIT OF WORK | |
| - - - - | PROPERTY LINE | |
| Ⓜ Ⓜ Ⓜ | EXISTING RESTROOM - G-GIRLS; B-BOYS; S-STAFF | |
| Ⓣ | EXISTING TOW AWAY SIGN | |
| Ⓣ1 | EXISTING DRINKING FOUNTAIN | F H-10.3 |
| Ⓣ1 | EXISTING 8'Hx4' PEDESTRIAN GATE CHAIN LINK GATE WITH GATE LATCH | B H-10.3 |
| Ⓣ2 | EXISTING 8'Hx6' - SCHOOL/ EVENT DOUBLE GATE GATE TO REMAIN OPEN DURING SCHOOL/ EVENT HOURS | C H-10.3 |

PARKING COUNT

| | OVERALL | ACC STALL | ACC VAN STALL | REQUIRED STD | REQUIRED VAN |
|--|---------|-----------|---------------|--------------|--------------|
| (E) PARKING LOT 1 STUDENT DSA 01-105009 | 412 | 9 | 2 | 9 | 2 |
| (E) PARKING LOT 2 STAFF DSA 01-105009 | 130 | 5 | 1 | 5 | 1 |
| (E) PARKING LOT 3 DSA 01-105009 | 80 | 1 | 1 | 1 | 1 |
| (E) PARKING LOT 4 DSA 01-118239 | 97 | 3 | 1 | 3 | 1 |
| (E) VISITOR LOT DSA 01-105009 | 27 | 2 | 1 | 2 | 1 |

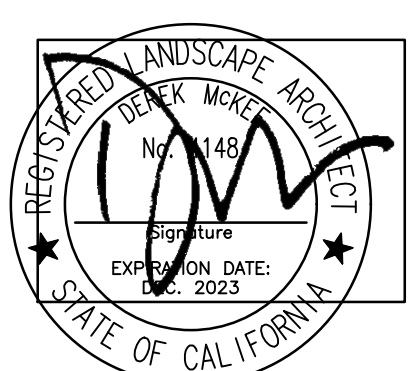
CBC 2019 TABLE 11B-208.2:
26-50 TOTAL SPACES = 2 REG'D ACC SPACES

CBC 2019 SECTION 11B-208.2.4:
FOR EVERY 6 OR FRACTION OF 6 ACC PARKING SPACES REQUIRED, AT LEAST 1 SHALL BE A VAN ACCESSIBLE PARKING SPACE.



VERDE DESIGN
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CONSULTANT

SHEET TITLE

OVERALL SITE PLAN

PROJECT NAME

**HERITAGE HIGH SCHOOL
BASEBALL INFIELD &
SOFTBALL OUTFIELD
IMPROVEMENTS**

PROJECT ADDRESS

**101 AMERICAN AVE
BRENTWOOD, CA
94513**

SUBMITTAL

DATE

BID SUBMITTAL

05/02/22

NO. REVISIONS

DATE

DRAWN BY

CHECKED BY

NN/JJ

DM

DATE ISSUED

SCALE

04/01/2022

1"=80'-0"

PROJ. NO.

2111100

SHEET NO.

H-L0.1

OVERALL SITE PLAN



ALL IDEAS, DESIGNS, ARRANGEMENTS, AND PLANS INDICATED OR REPRESENTED BY THIS DRAWING ARE OWNED BY AND THE PROPERTY OF VERDE DESIGN, INC. AND WERE CREATED, EVOLVED, AND DEVELOPED FOR USE ON AND IN CONNECTION WITH THE SPECIFIED PROJECT. NONE OF SUCH IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED, REPRODUCED, OR PUBLISHED IN WHOLE OR IN PART, OR DISCLOSED TO ANY PERSON, FIRM, OR CORPORATION FOR ANY PURPOSE, WITHOUT WRITTEN PERMISSION OF VERDE DESIGN, INC.

| KEYNOTES | | |
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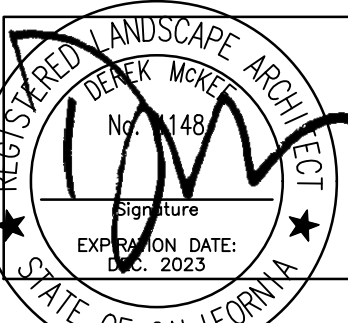
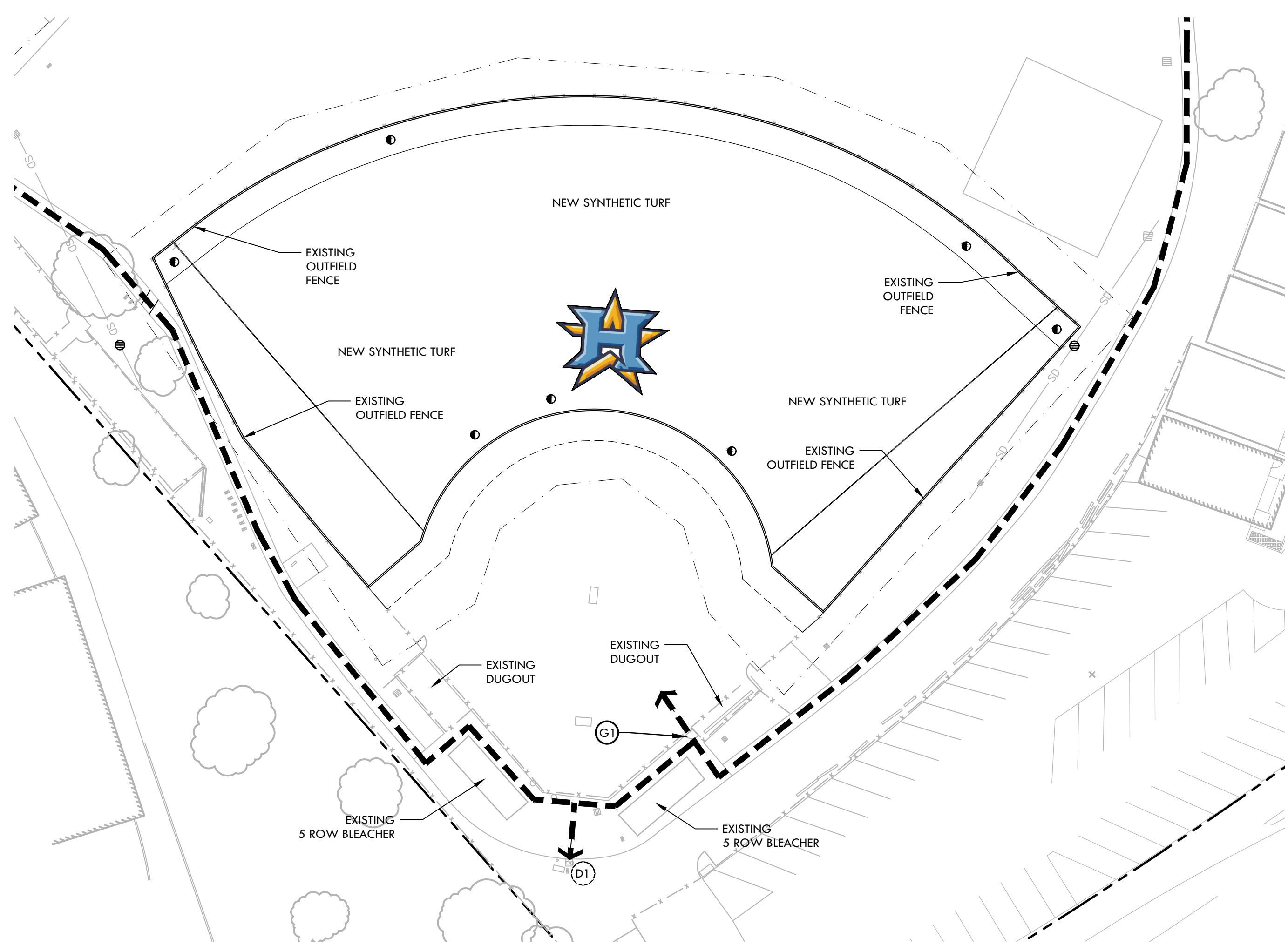
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THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NON COMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECTS, WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATION INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.
 - DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT."



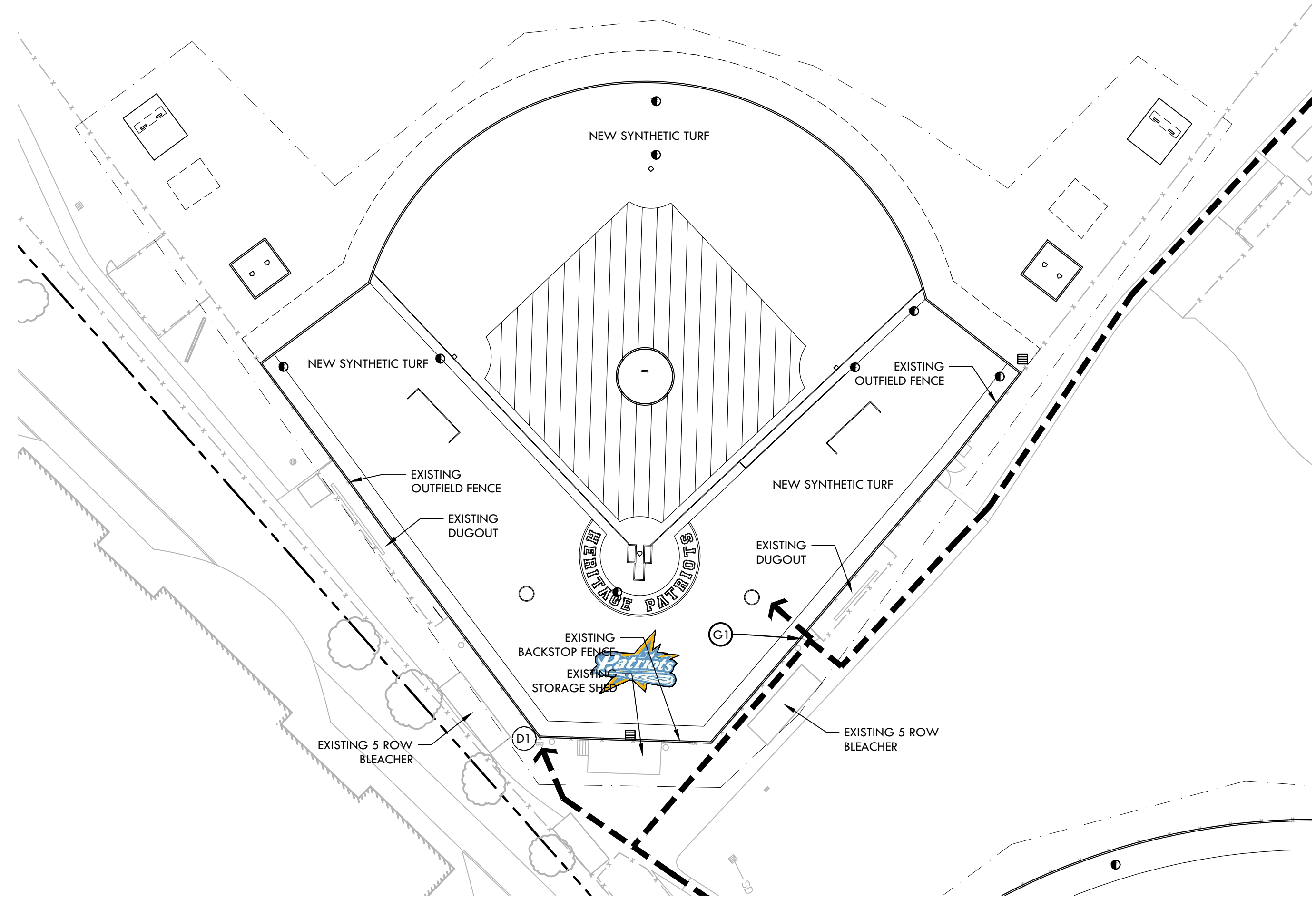
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fax: 408.985.7260
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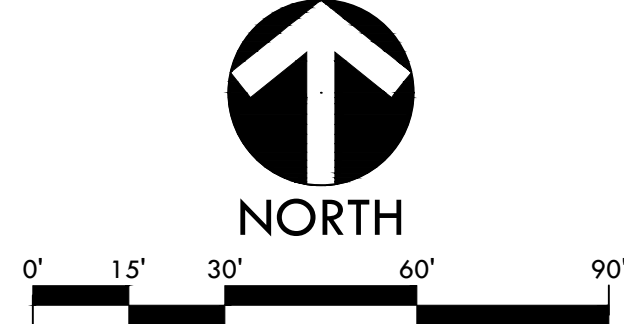
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A SOFTBALL FIELD 1"=30'



B BASEBALL FIELD 1"=30'



NORTH

0' 15' 30' 60' 90'

CONSULTANT

SHEET TITLE
PROJECT SITE ACCESSIBILITY PLAN

PROJECT NAME
HERITAGE HIGH SCHOOL BASEBALL INFIELD & SOFTBALL OUTFIELD IMPROVEMENTS

PROJECT ADDRESS
101 AMERICAN AVE BRENTWOOD, CA 94513

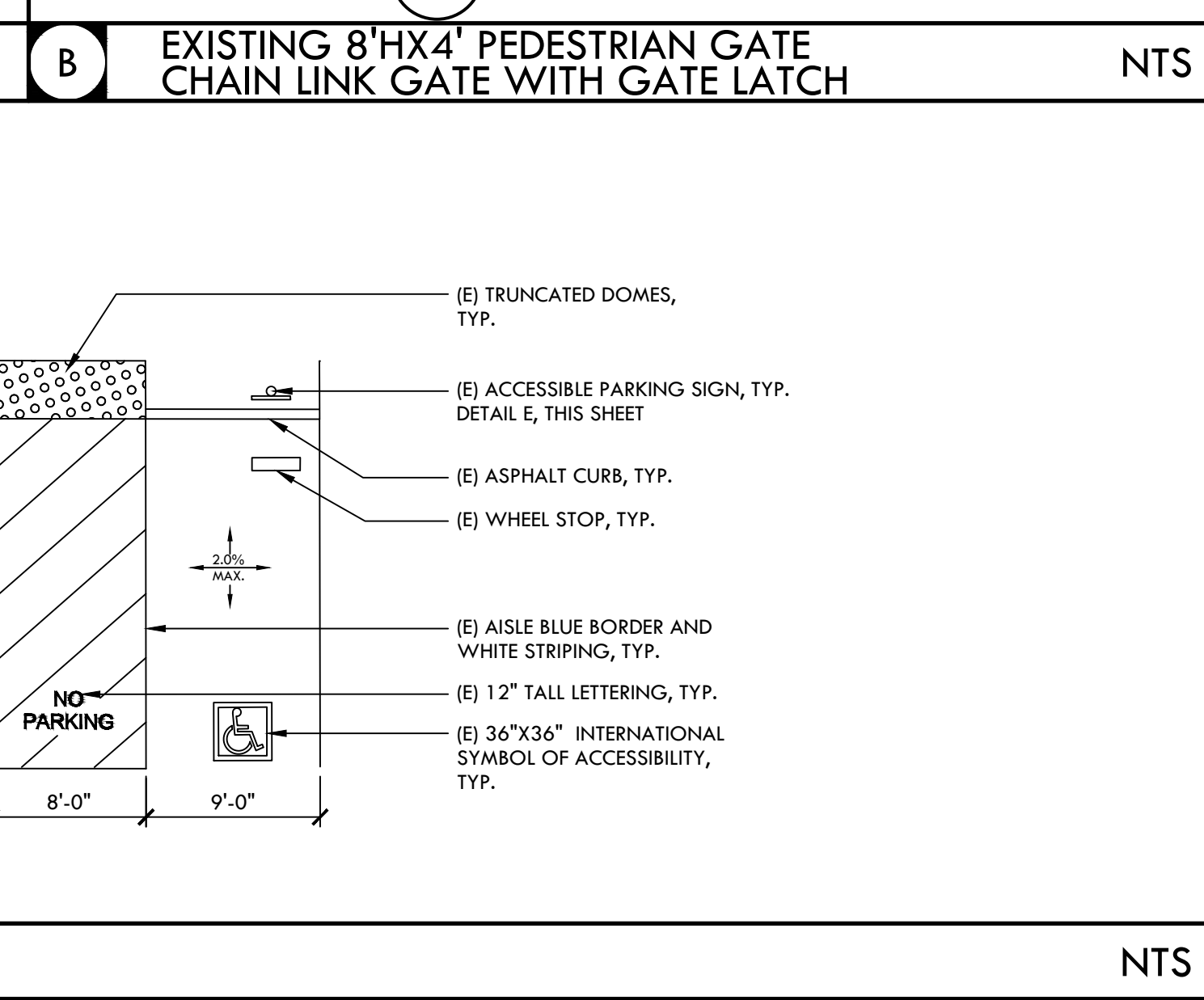
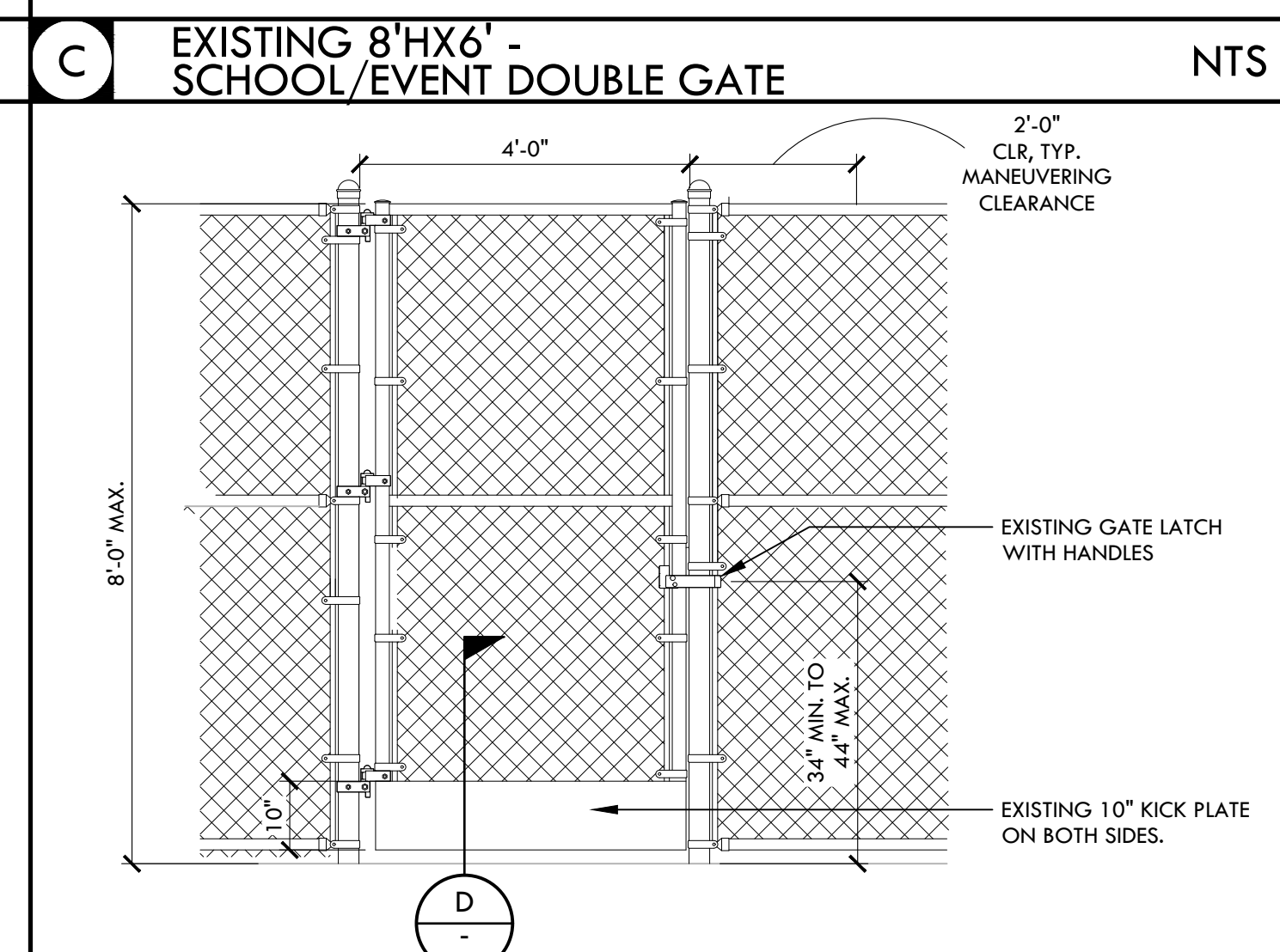
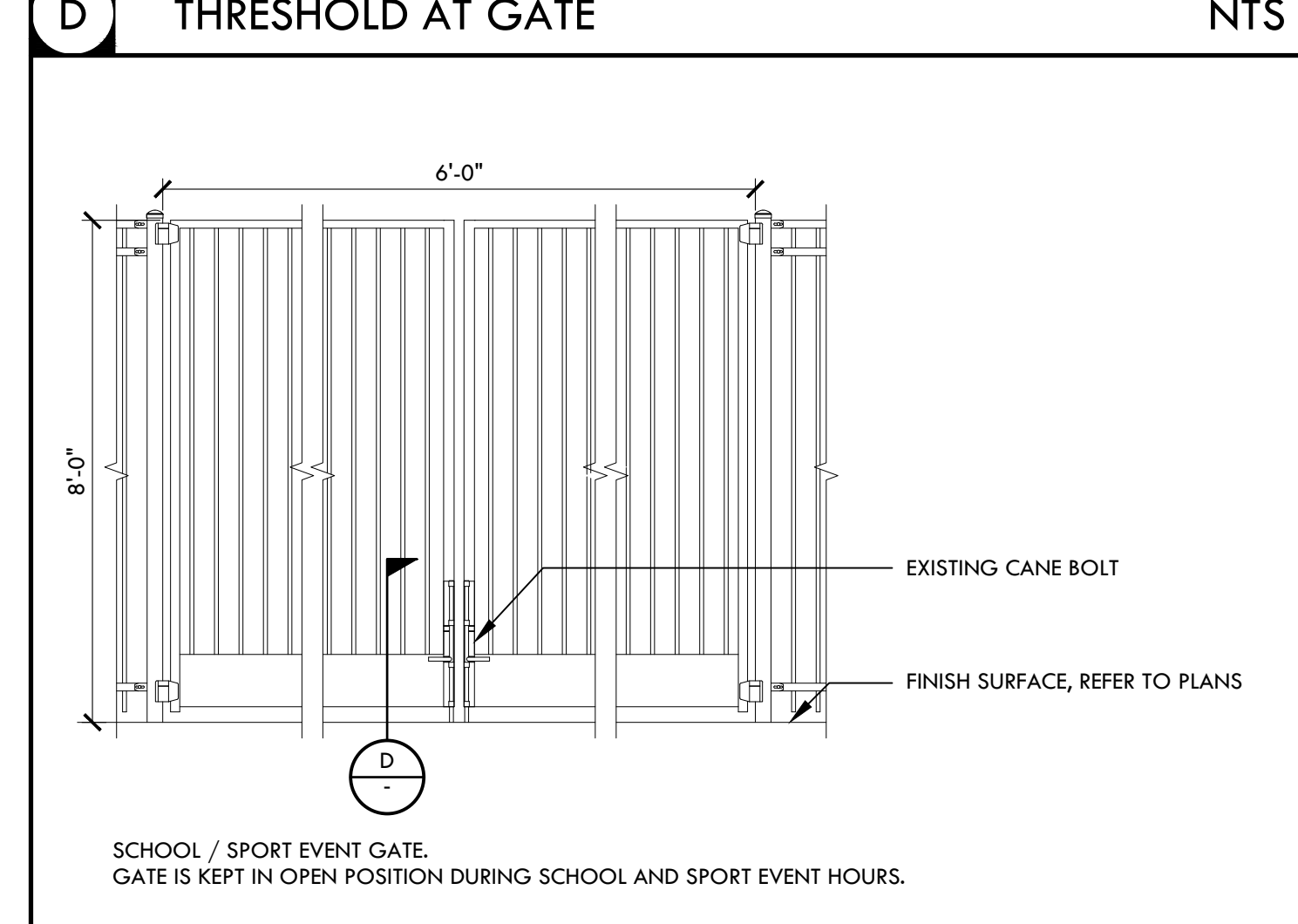
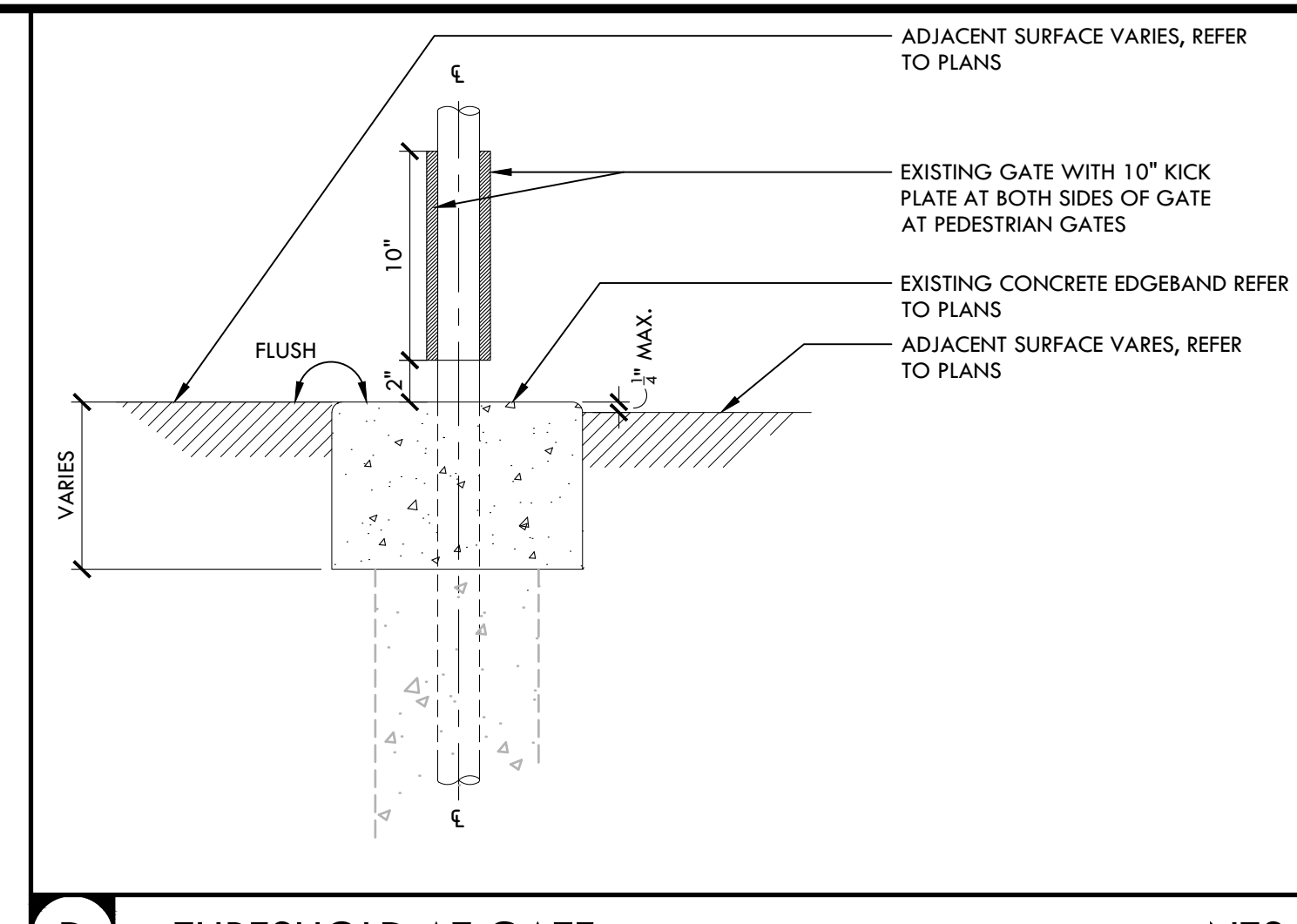
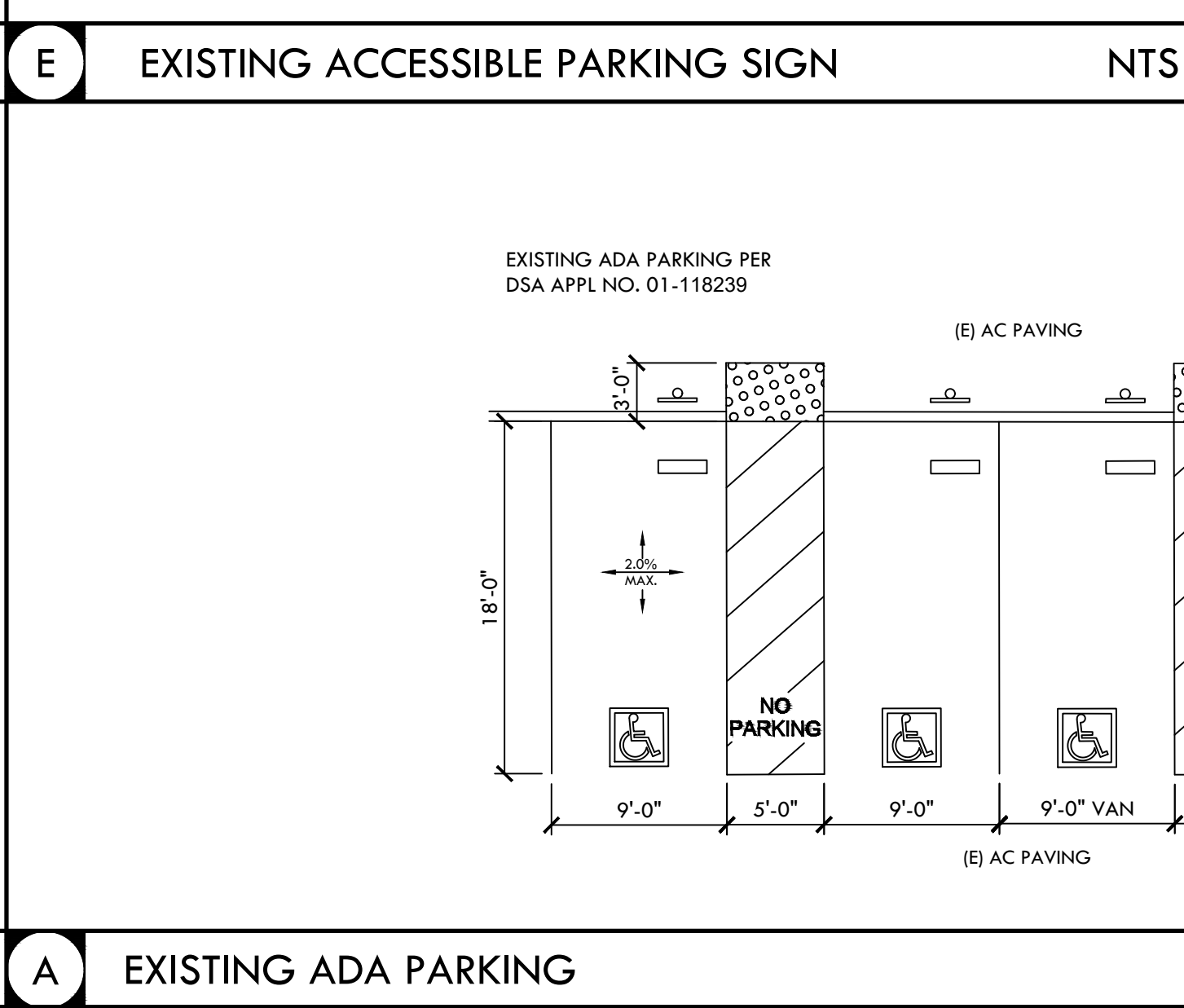
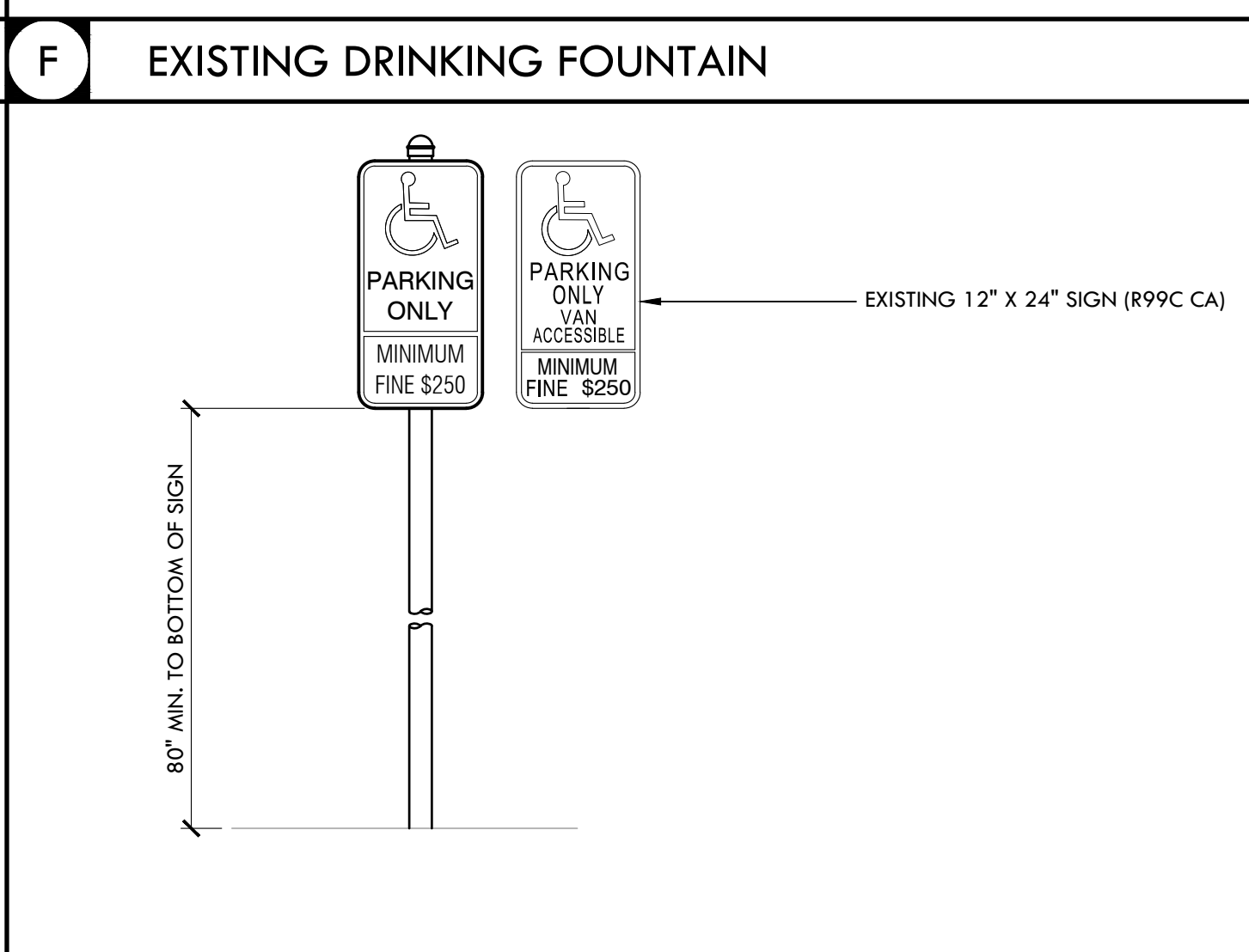
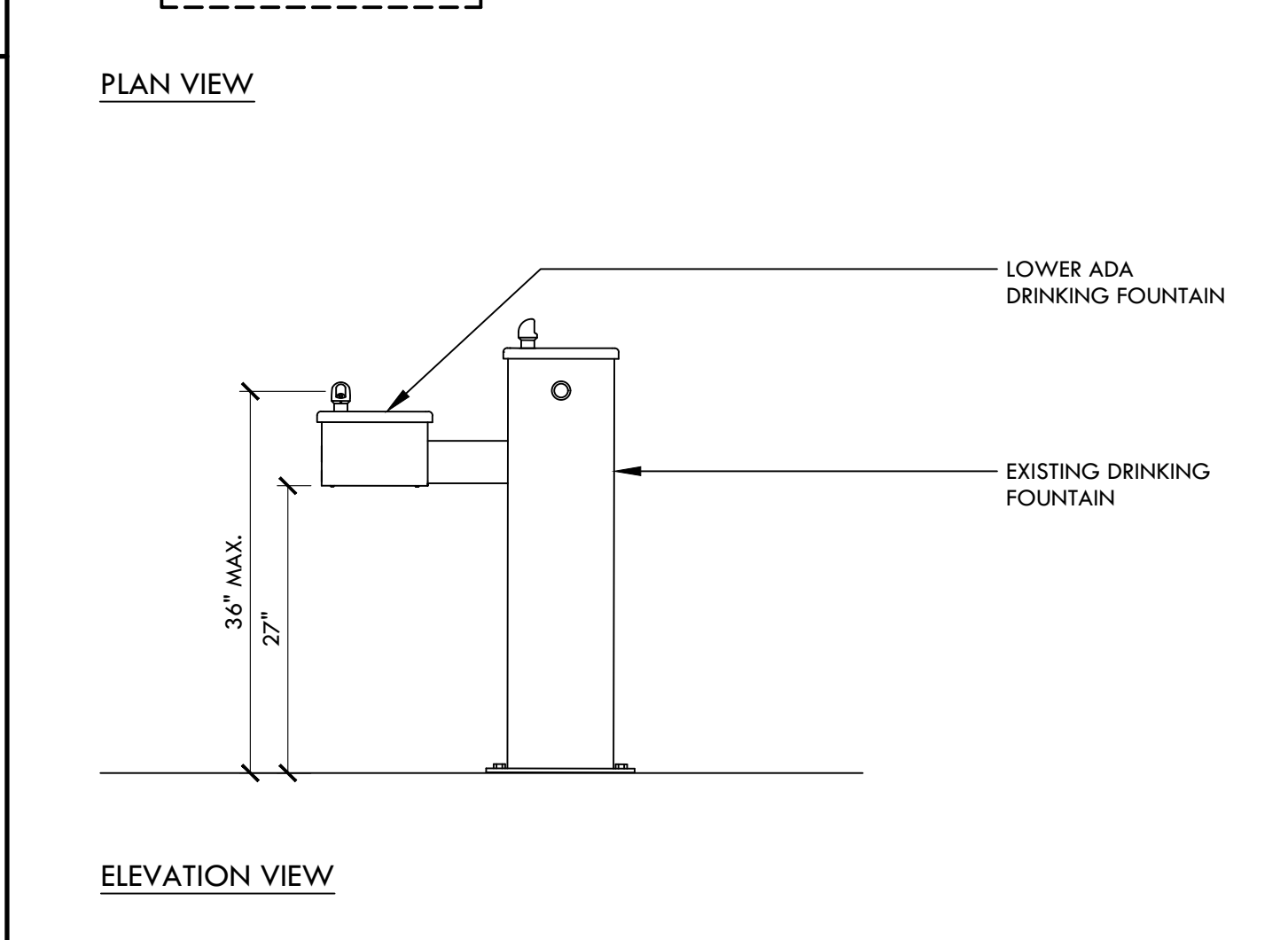
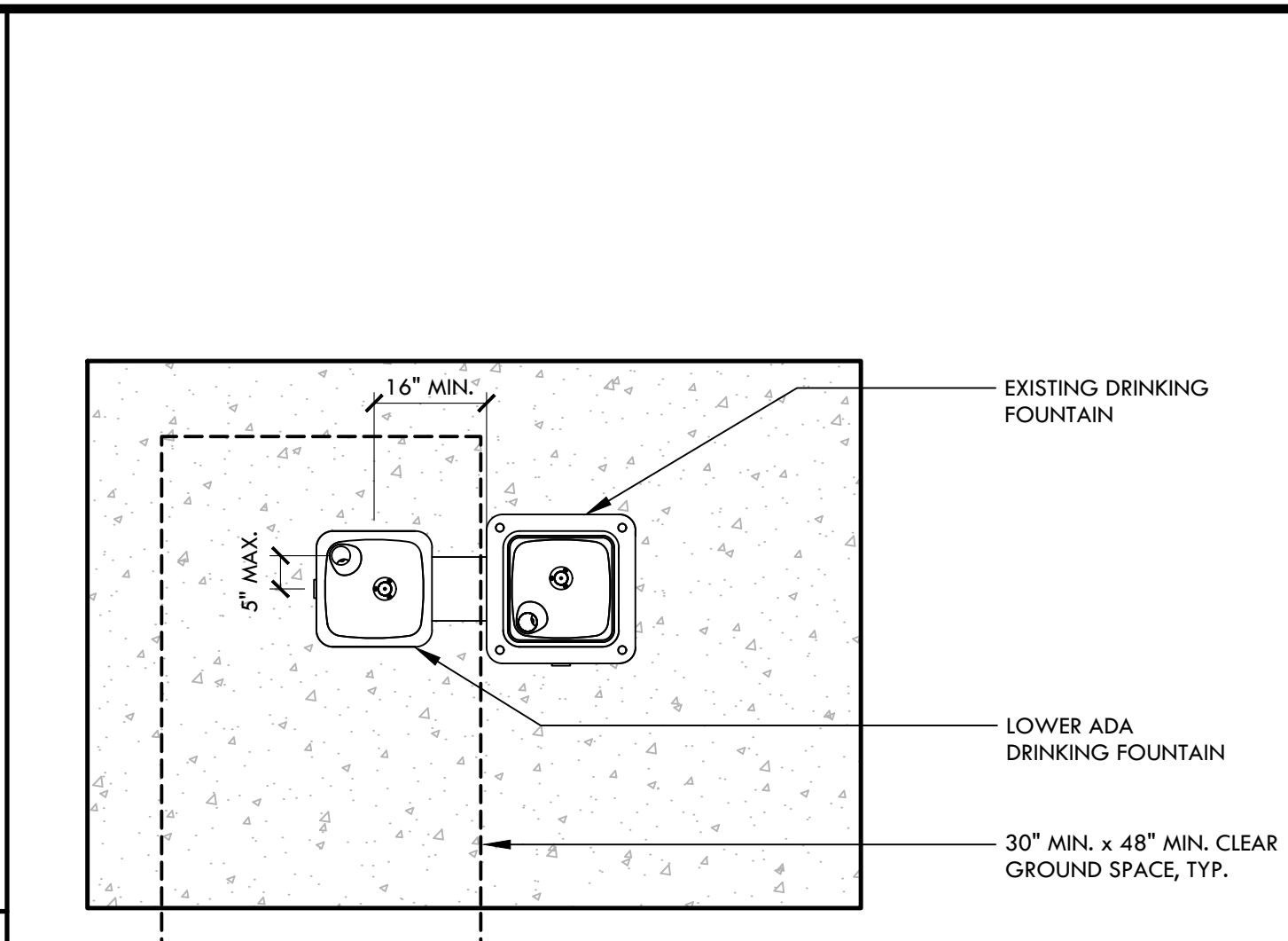
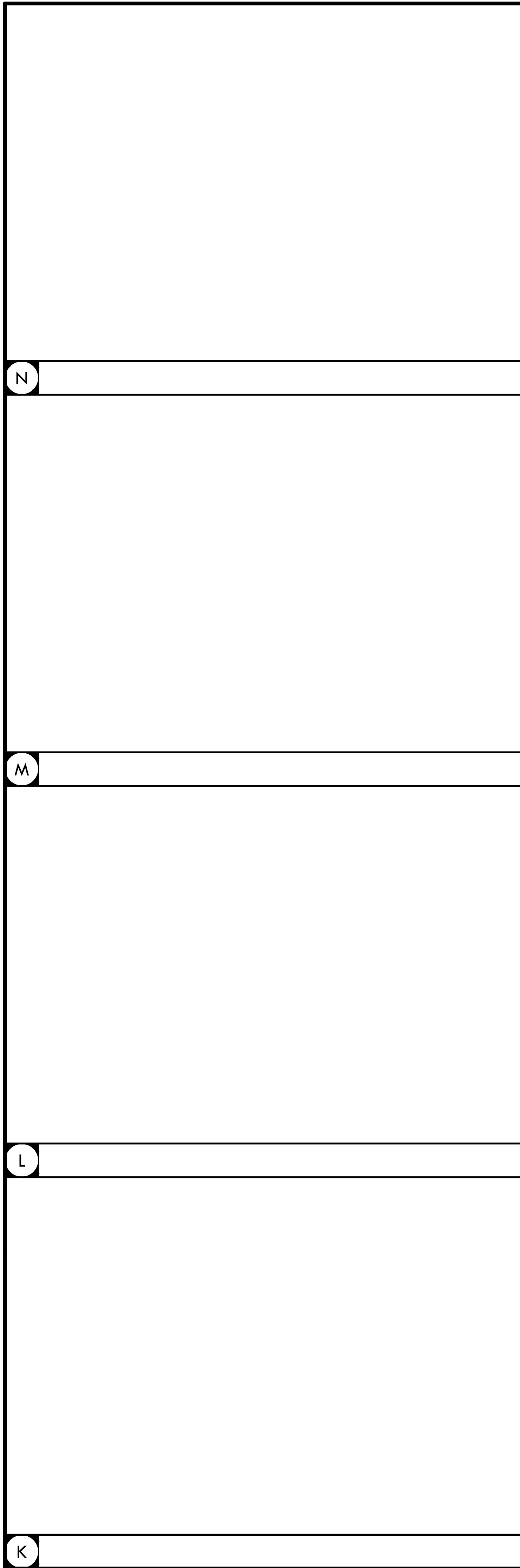
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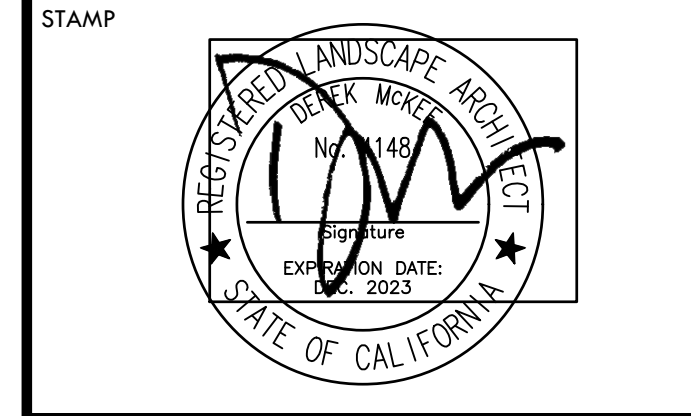
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| PROJ. NO. 2111100 | |
| SHEET NO. H-L0.2 | |

PROJECT SITE ACCESSIBILITY PLAN

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STAMP
 CONSULTANT

SHEET TITLE
PROJECT SITE ACCESSIBILITY PLAN

PROJECT NAME
HERITAGE HIGH SCHOOL BASEBALL INFIELD & SOFTBALL OUTFIELD IMPROVEMENTS

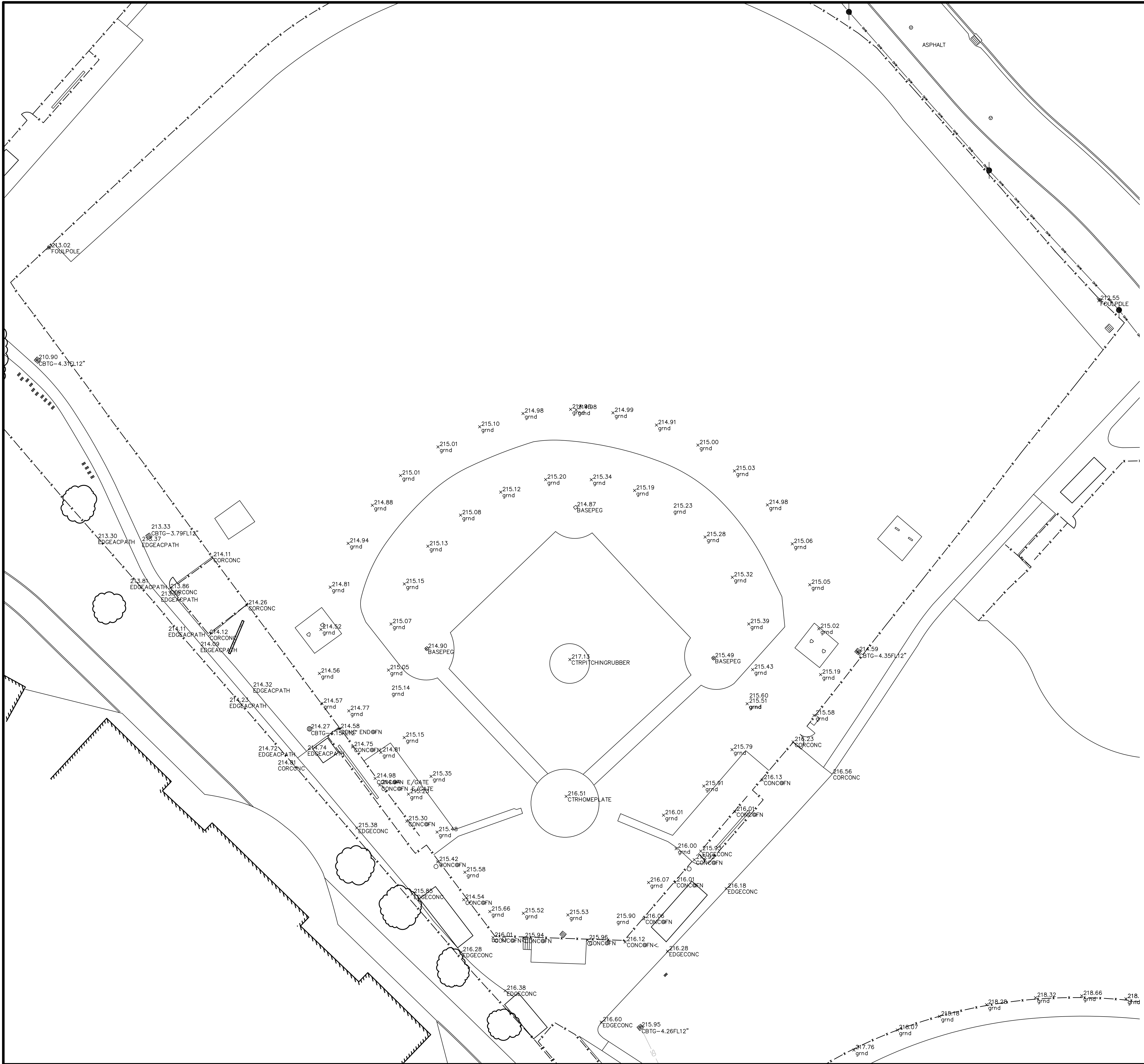
PROJECT ADDRESS
**101 AMERICAN AVE
 BRENTWOOD, CA
 94513**

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CONSULTANT

SHEET TITLE
**EXISTING CONDITIONS
 AND SURVEY PLAN
 (FOR REFERENCE ONLY)**

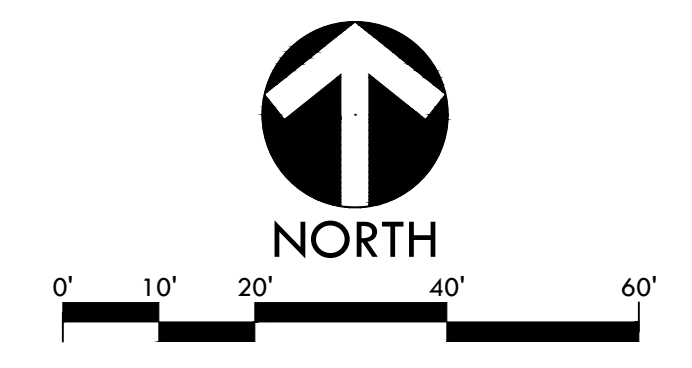
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**HERITAGE HIGH SCHOOL
 BASEBALL INFIELD &
 SOFTBALL OUTFIELD
 IMPROVEMENTS**

PROJECT ADDRESS
**101 AMERICAN AVE
 BRENTWOOD, CA
 94513**

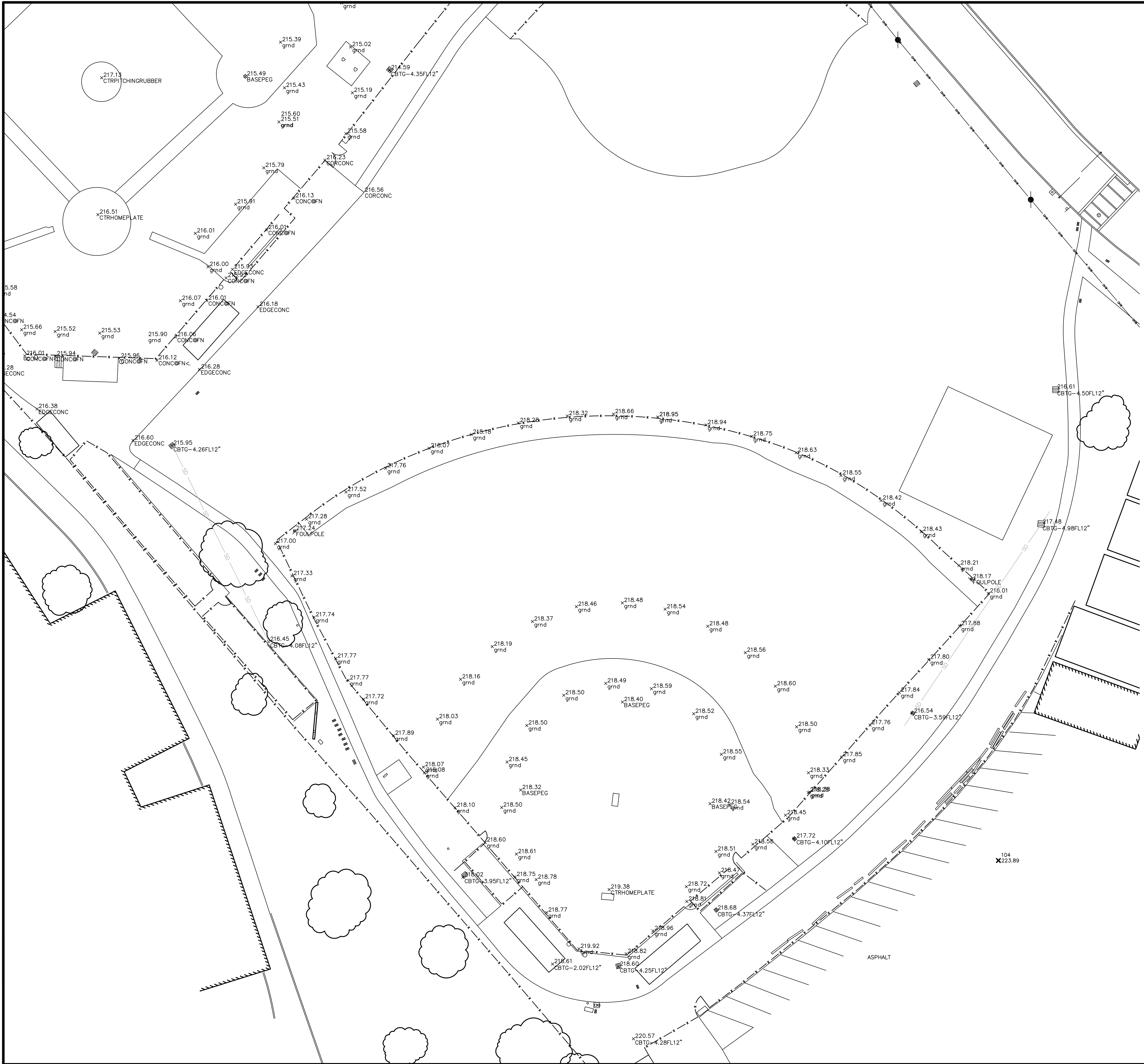
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CONSULTANT

SHEET TITLE

EXISTING CONDITIONS AND SURVEY PLAN (FOR REFERENCE ONLY)

PROJECT NAME

HERITAGE HIGH SCHOOL BASEBALL INFIELD & SOFTBALL OUTFIELD IMPROVEMENTS

PROJECT ADDRESS

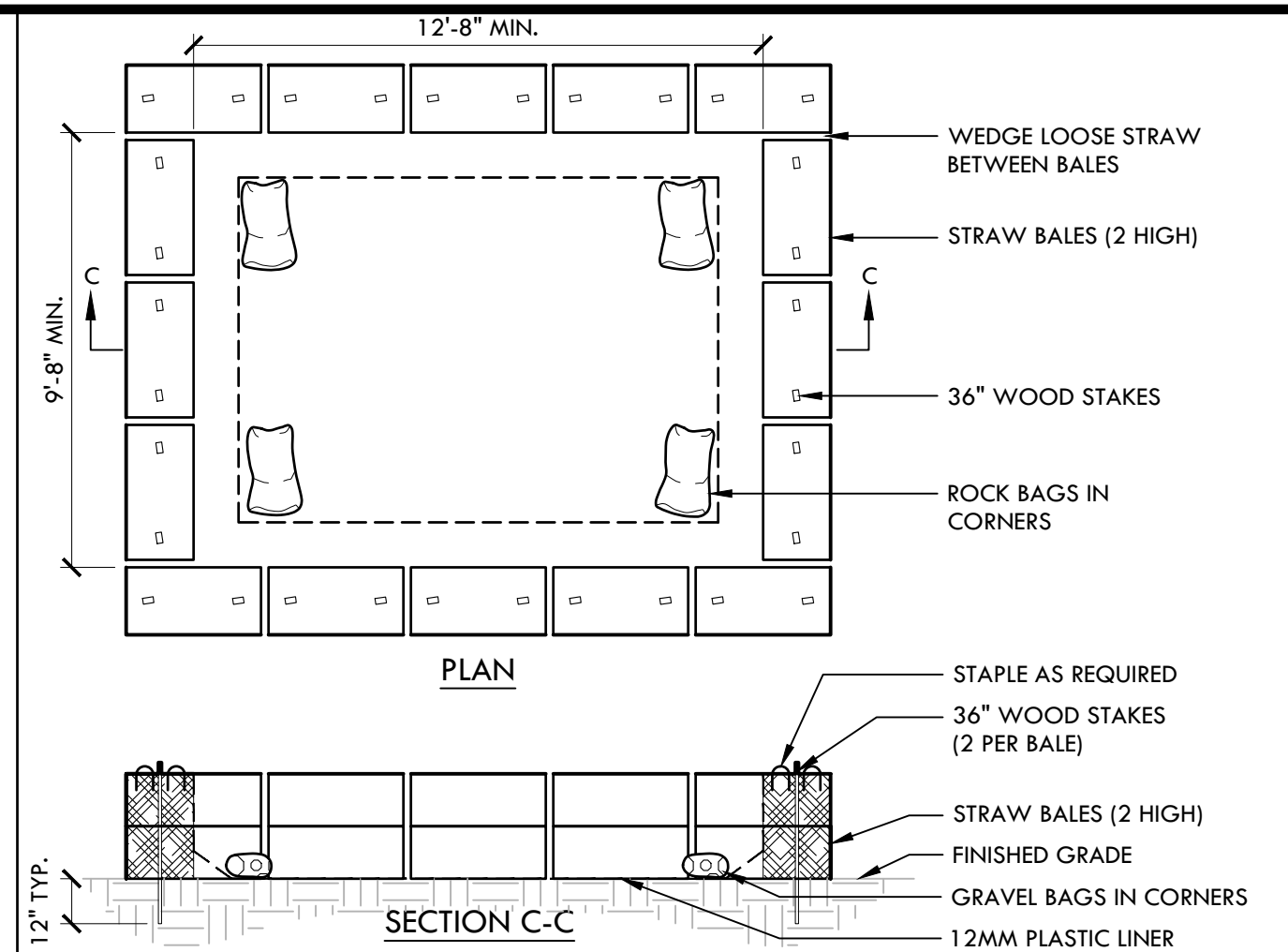
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94513**

| SUBMITTAL | DATE |
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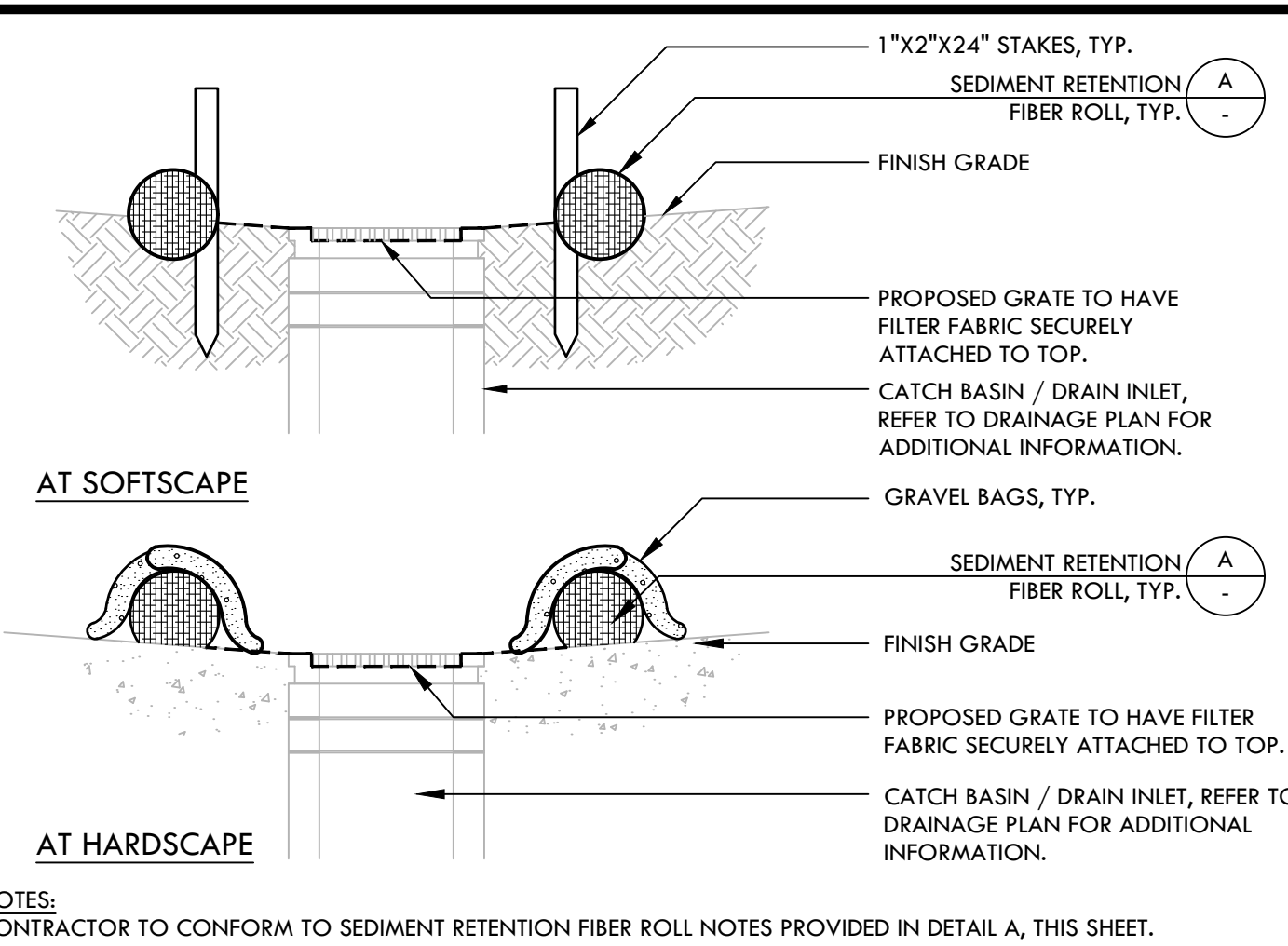
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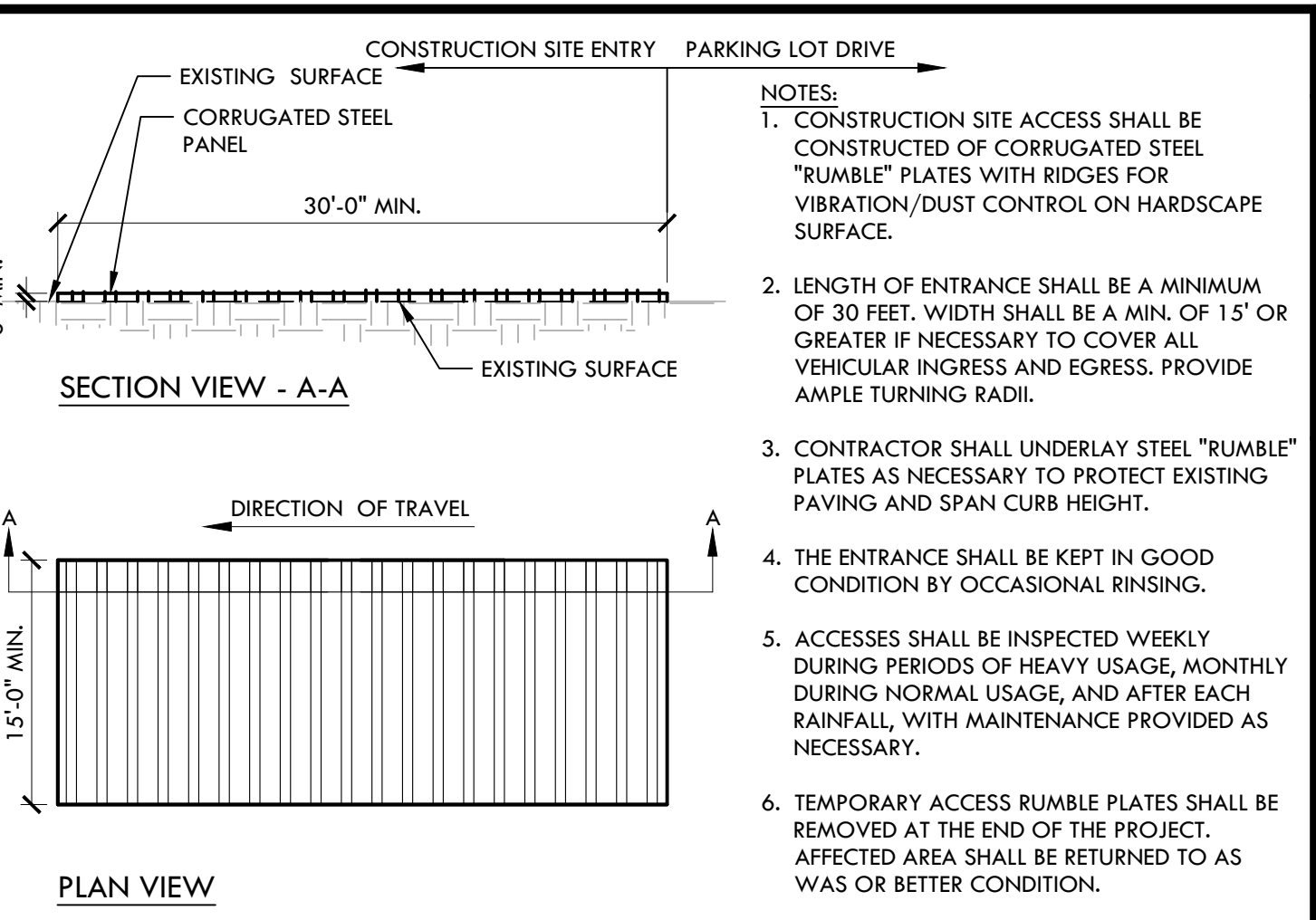
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D CONSTRUCTION CONCRETE WASHOUT FACILITY NTS



C STORM DRAIN INLET FILTER FOR EXISTING AND PROPOSED STORM DRAINS NTS



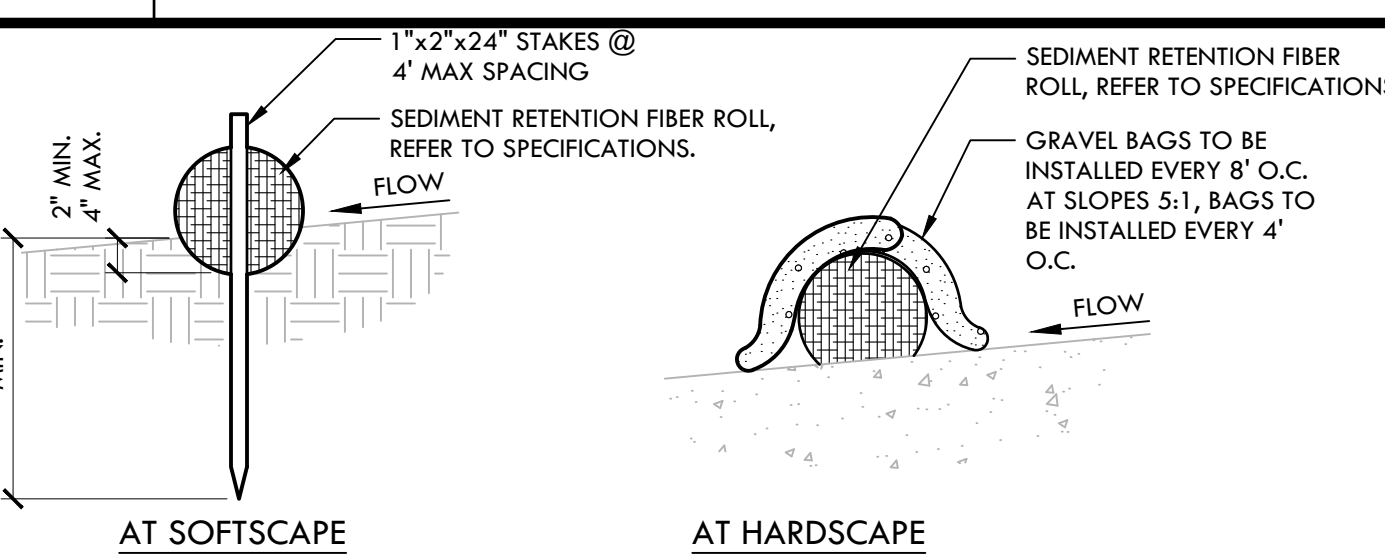
B RUMBLE PLATE CONSTRUCTION ENTRY NTS

EROSION AND SEDIMENT CONTROL NOTES

- EROSION AND SEDIMENT CONTROL SHALL BE CONSTRUCTED DURING FIRST WEEK OF CONSTRUCTION.
- EROSION AND SEDIMENT CONTROL SHALL REMAIN THROUGHOUT CONSTRUCTION AND BE REMOVED AND DISPOSED OF DURING MAINTENANCE PERIOD.
- EROSION AND SEDIMENT CONTROL MAY BE ADJUSTED THROUGH CONSTRUCTION WITH APPROVAL OR AS DIRECTED BY DISTRICT'S REPRESENTATIVE.
- CONTRACTOR SHALL SWEEP STREETS AND PARKING AREAS AFFECTED BY CONSTRUCTION WITH STREET SWEEPER AS REQUIRED TO KEEP PAVING CLEAN OF CONSTRUCTION DEBRIS.

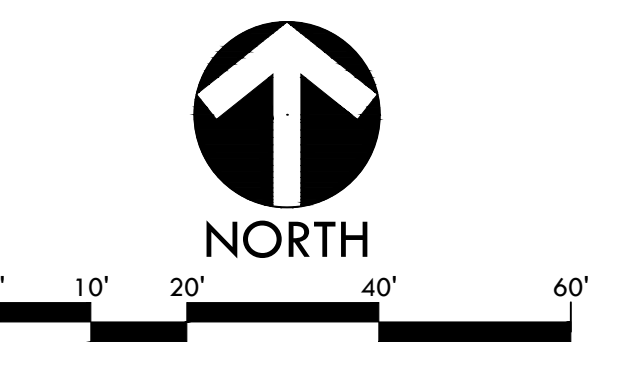
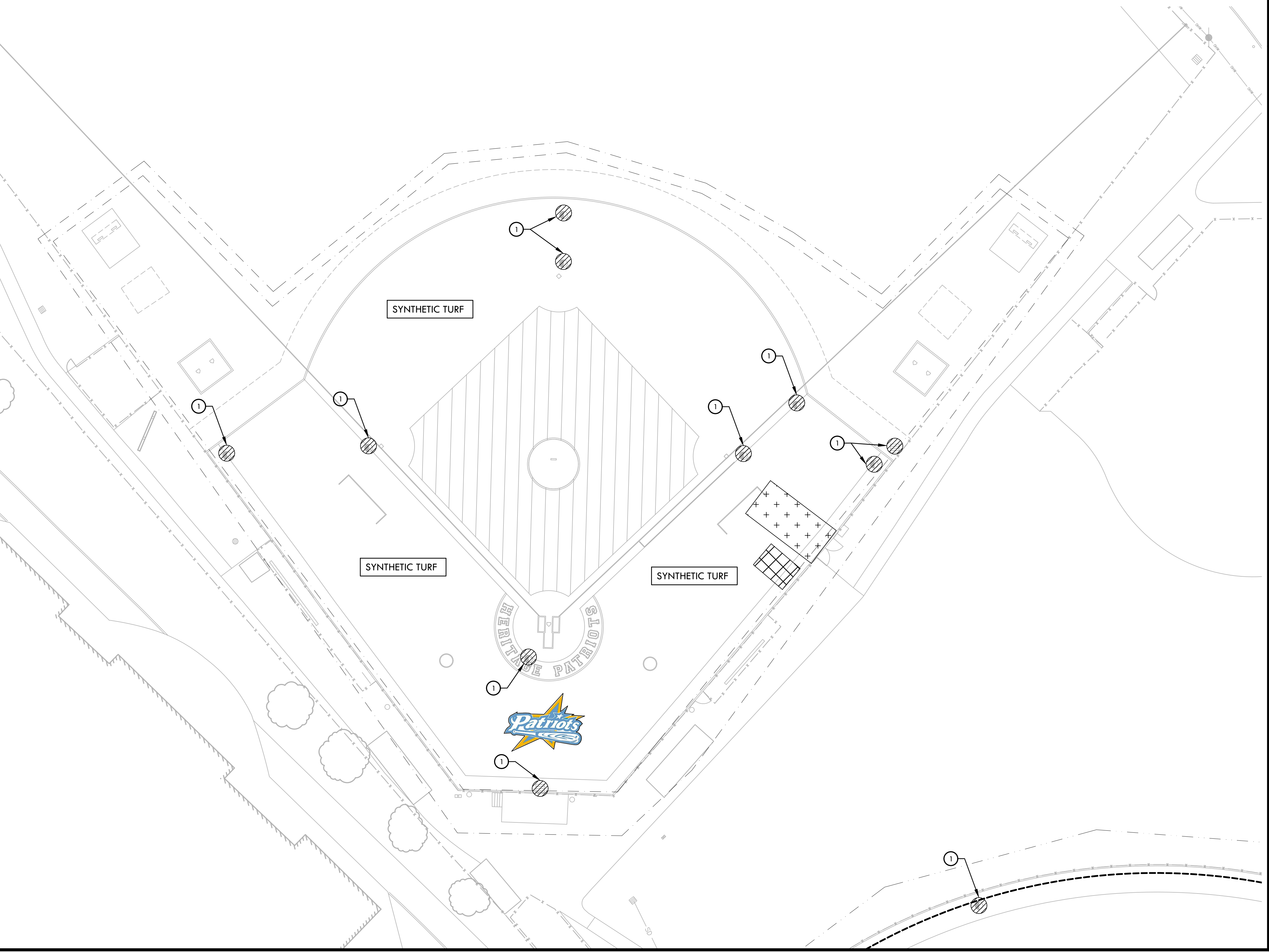
EROSION AND SEDIMENT CONTROL LEGEND

| SYM | DESCRIPTION | DTL REF |
|-----|--|---------|
| | FILTER FABRIC TO BE SECURELY ATTACHED TO DRAINAGE STRUCTURE TOP AND PERIMETER WADDLE | C |
| | LIMIT OF WORK | |
| | SEDIMENT RETENTION FILTER ROLL | A, D |
| | CONSTRUCTION CONCRETE WASHOUT FACILITY - PROVIDE A WASHOUT BIN FOR CONSTRUCTION WASHOUT AND REMOVE AT END OF CONSTRUCTION. | |
| | CONSTRUCTION STAGING AREA | |
| | RUMBLE PLATE CONSTRUCTION ENTRY | B |
| | DIRECTION OF SURFACE FLOW | |

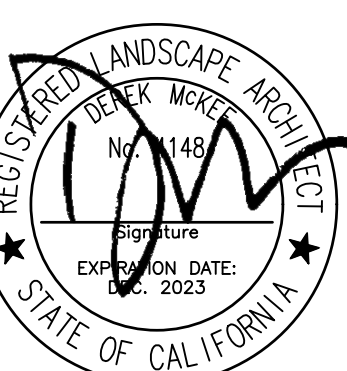


- NOTES:**
- INSTALL SEDIMENT RETENTION FIBER ROLLS (FIBER ROLLS / WATTLES) AS LOCATED ON PLANS AND AS REQUIRED PER THE STATE GENERAL PERMIT FOR STORMWATER DISCHARGE.
 - FIBER ROLLS SHALL BE CONSTRUCTED LONG ENOUGH TO EXTEND ACROSS FLOW PATH OF POTENTIAL RUN-OFF AND RUN-ON.
 - PREPARE GRADES REMOVING SURFACE DEVIATIONS, LARGE STONES OR DEBRIS THAT WILL INHIBIT CONTINUOUS CONTACT OF THE FIBER ROLL WITH THE GRADE.
 - PRIOR TO FILTER ROLL INSTALLATION EXCAVATE A CONCAVE TRENCH 2" MIN., 4" MAX. DEEP ALONG THE PROPOSED FIBER ROLL LOCATION.
 - INSTALL FIBER ROLLS WITH CONTINUOUS CONTACT OF THE BOTTOM OF THE EXCAVATED TRENCH.
 - STAKE ROLL ON BOTH SIDES 2' FROM OF ENDS AND AT 4' MAXIMUM SPACING WITH 1"x2"x24" STAKES. DRIVE STAKES IN ON ALTERNATING SIDES OF THE ROLL AND OVERLAP ABUTTING ROLL ENDS 12" MIN.
 - BACKFILLED BOTH SIDES TO WATTLE AND TAMP SOIL TO FIRM AND STABLE.
 - CONTRACTOR SHALL MAKE WEEKLY INSPECTIONS OR AS INDICATED IN STORMWATER POLLUTION PREVENTION PLAN, OR THE STATE GENERAL PERMIT FOR STORMWATER DISCHARGE.

A SEDIMENT RETENTION FIBER ROLL NTS



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CONSULTANT

SHEET TITLE

EROSION AND SEDIMENT CONTROL PLAN BASEBALL FIELD

PROJECT NAME

HERITAGE HIGH SCHOOL BASEBALL INFIELD & SOFTBALL OUTFIELD IMPROVEMENTS

PROJECT ADDRESS

**101 AMERICAN AVE
 BRENTWOOD, CA
 94513**

SUBMITTAL DATE

BID SUBMITTAL 05/02/22

| NO. | REVISIONS | DATE |
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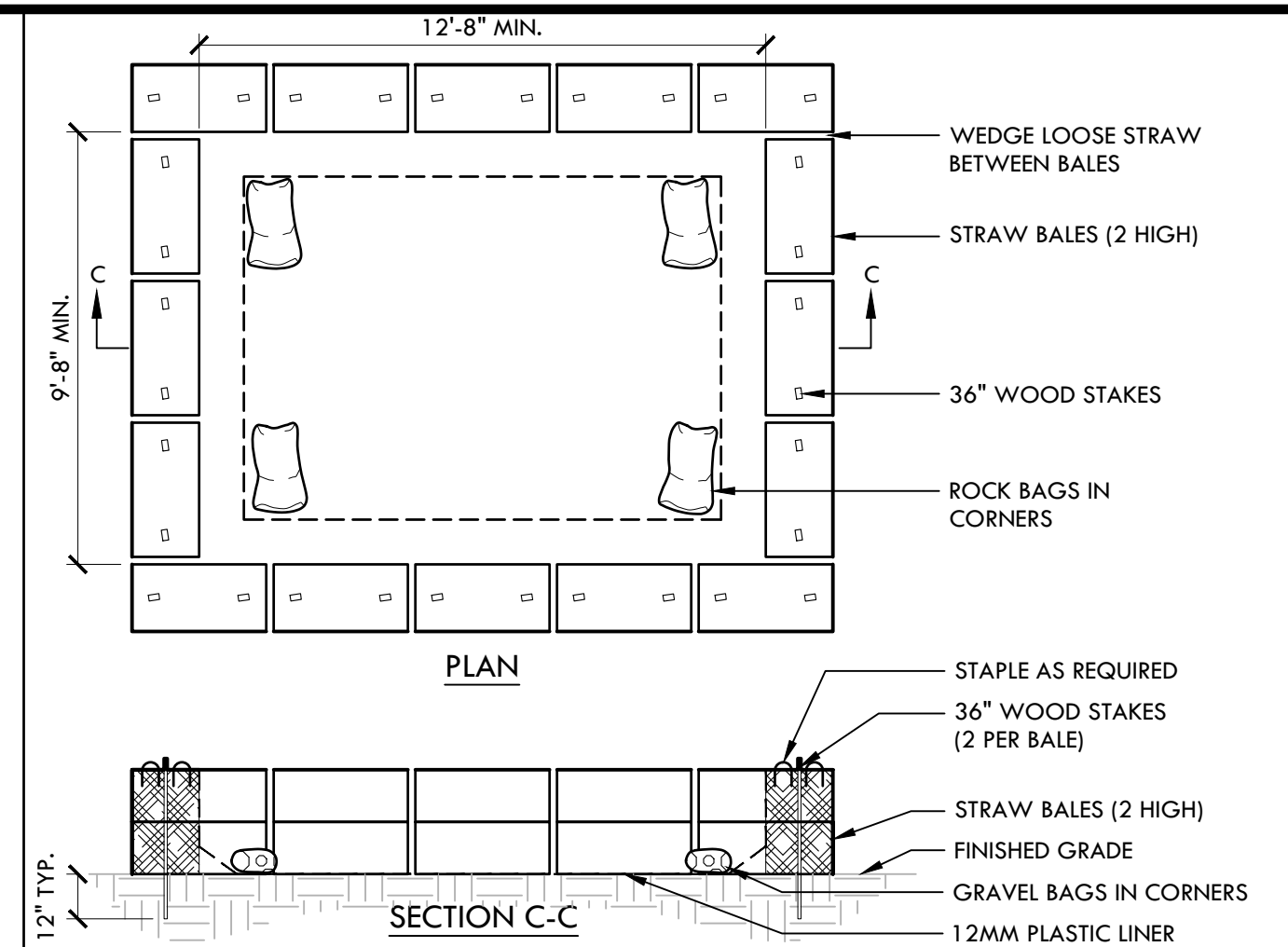
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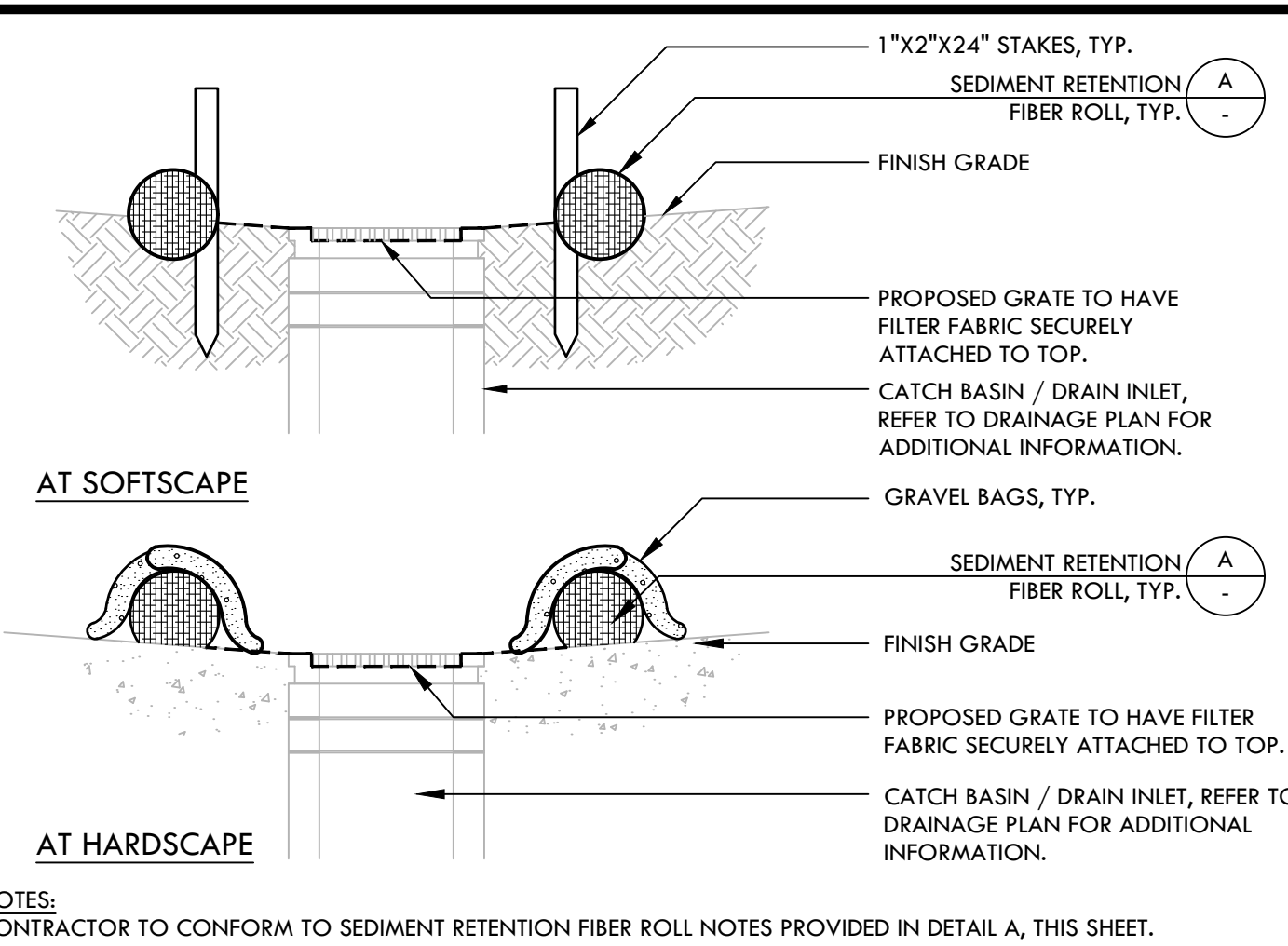
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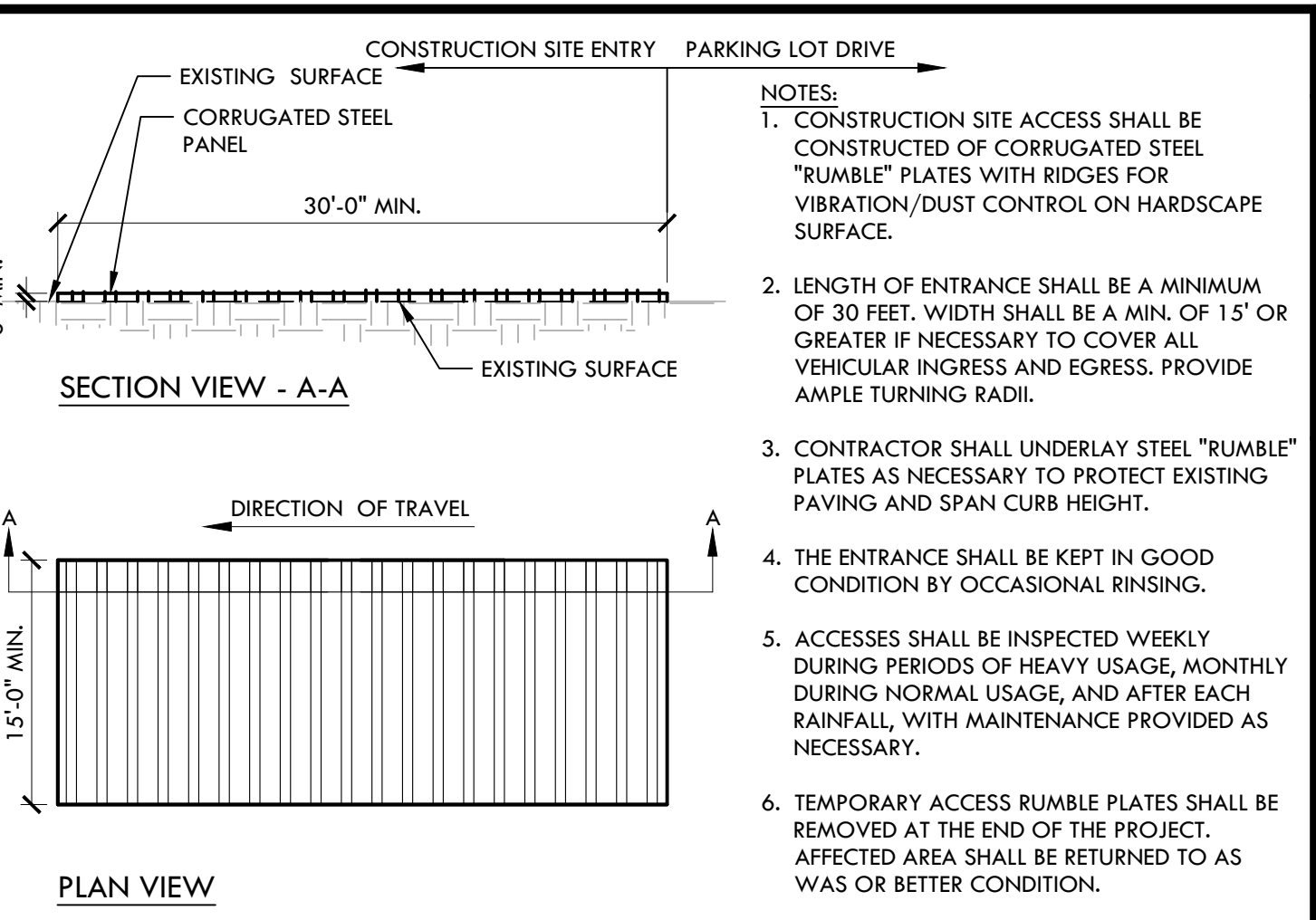
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D CONSTRUCTION CONCRETE WASHOUT FACILITY NTS



C STORM DRAIN INLET FILTER FOR EXISTING AND PROPOSED STORM DRAINS NTS



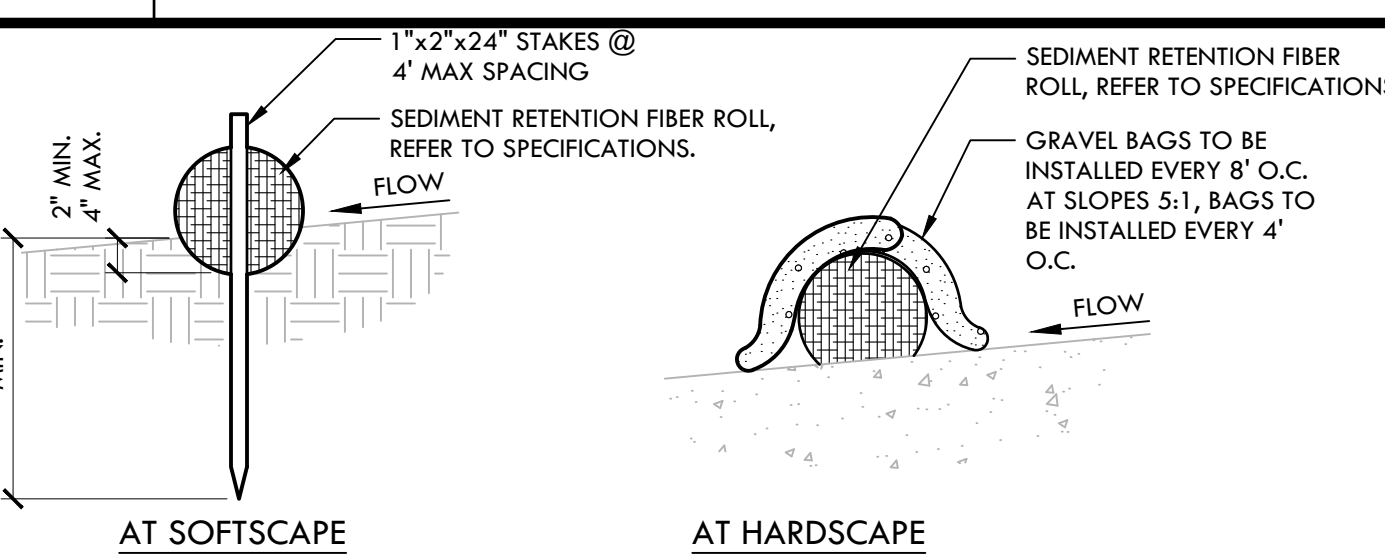
B RUMBLE PLATE CONSTRUCTION ENTRY NTS

EROSION AND SEDIMENT CONTROL NOTES

1. EROSION AND SEDIMENT CONTROL SHALL BE CONSTRUCTED DURING FIRST WEEK OF CONSTRUCTION.
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4. CONTRACTOR SHALL SWEEP STREETS AND PARKING AREAS AFFECTED BY CONSTRUCTION WITH STREET SWEEPER AS REQUIRED TO KEEP PAVING CLEAN OF CONSTRUCTION DEBRIS.

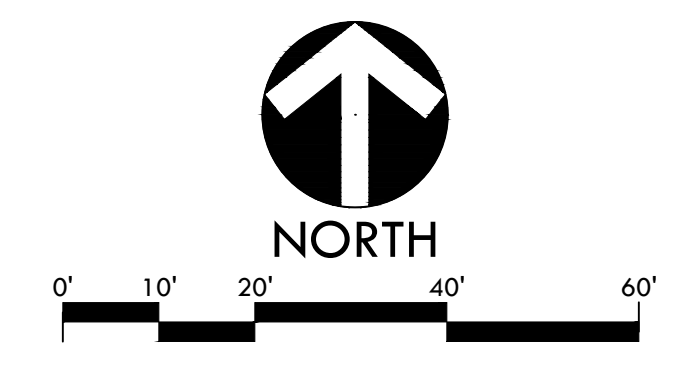
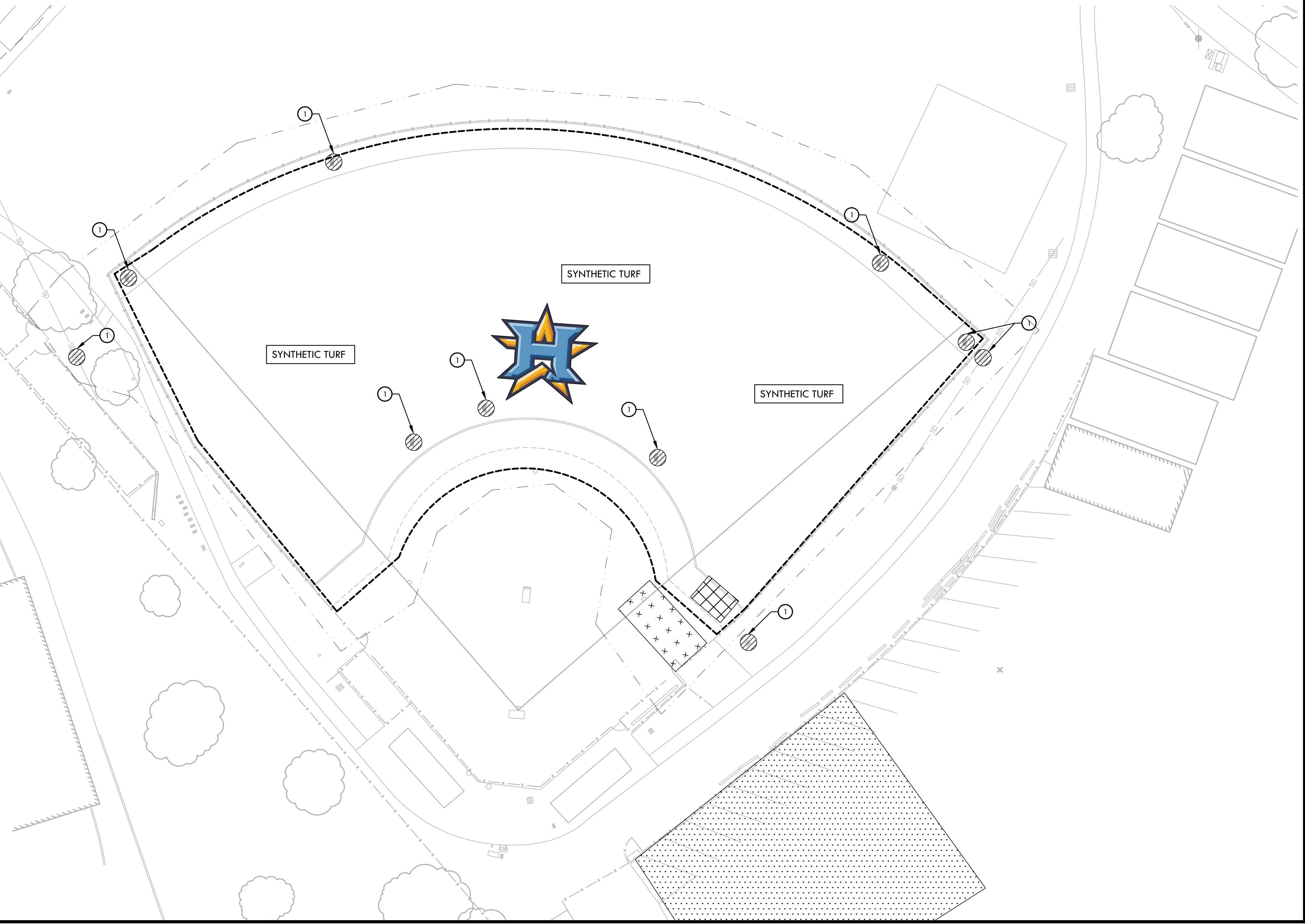
EROSION AND SEDIMENT CONTROL LEGEND

| SYM | DESCRIPTION | DTL REF |
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| ① | FILTER FABRIC TO BE SECURELY ATTACHED TO DRAINAGE STRUCTURE TOP AND PERIMETER WADDLE | C |
| --- | LIMIT OF WORK | |
| --- | SEDIMENT RETENTION FILTER ROLL | A, D |
| + | CONSTRUCTION CONCRETE WASHOUT FACILITY - PROVIDE A WASHOUT BIN FOR CONSTRUCTION WASHOUT AND REMOVE AT END OF CONSTRUCTION. | |
| + | CONSTRUCTION STAGING AREA | |
| + | RUMBLE PLATE CONSTRUCTION ENTRY | B |
| → | DIRECTION OF SURFACE FLOW | |

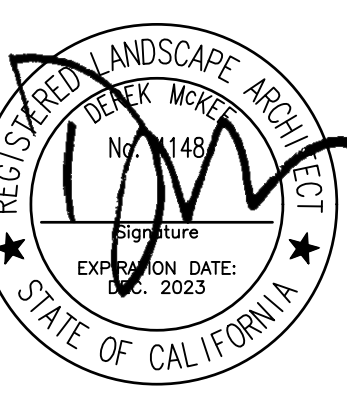


- NOTES:
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 7. BACKFILLED BOTH SIDES TO WATTLE AND TAMP SOIL TO FIRM AND STABLE.
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A SEDIMENT RETENTION FIBER ROLL NTS



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 www.VerdeDesignInc.com



STAMP

CONSULTANT

SHEET TITLE

**EROSION AND SEDIMENT CONTROL PLAN
 SOFTBALL FIELD**

PROJECT NAME
**HERITAGE HIGH SCHOOL
 BASEBALL INFIELD &
 SOFTBALL OUTFIELD
 IMPROVEMENTS**

PROJECT ADDRESS
**101 AMERICAN AVE
 BRENTWOOD, CA
 94513**

| SUBMITTAL | DATE |
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| BID SUBMITTAL | 05/02/22 |

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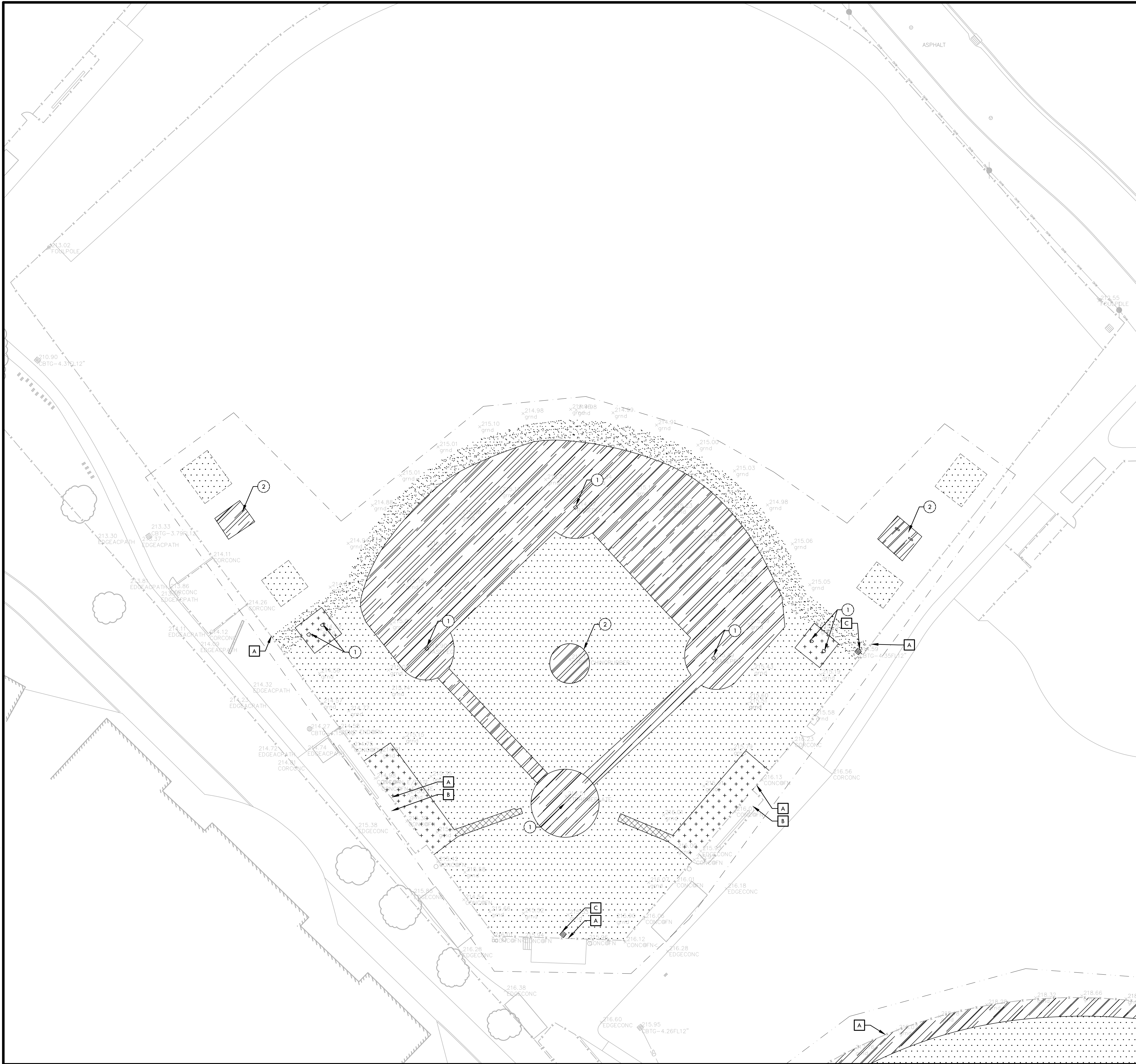
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DATE ISSUED: 04/01/2022 SCALE: 1"=20'-0"

PROJ. NO.: 2111100

SHEET NO.: **H-L2.2**

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DEMOLITION NOTES

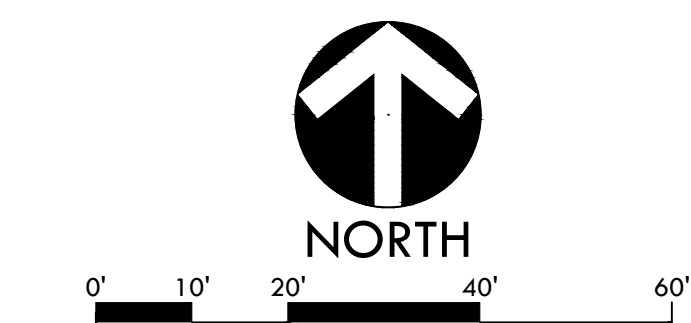
1. THE CONTRACTOR SHALL PERFORM ALL CLEARING, DEMOLITION, REMOVAL OF OBSTRUCTIONS AND SITE PREPARATIONS NECESSARY FOR THE PROPER EXECUTION OF ALL WORK CONTAINED IN THE CONTRACT DOCUMENTS.
2. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES AND PROVIDE THE REQUIRED COORDINATION FOR THEIR TEMPORARY DISCONNECTION, PROTECTION, REMOVAL AND/OR STORAGE AS MAY BE REQUIRED DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH THE OWNER TO DETERMINE WHETHER TEMPORARY SERVICES ARE NECESSARY.
3. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID SUBMITTAL TO DETERMINE THE EXACT EXTENT AND DEPTH OF SITE DEMOLITION REQUIRED AND VERIFY COMPLIANCE WITH DRAWINGS. THE OWNER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES.
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8. DEMOLITION SHALL INCLUDE THE REMOVAL OF ITEM AND ANY FOUNDATION OR STRUCTURAL SUPPORT RELATED TO ITEM FOR PLANT MATERIAL THIS SHALL INCLUDE STUMPS AND ROOTS OVER 2 INCHES IN DIAMETER. DISPOSAL SHALL BE OFF-SITE IN A LEGAL MANNER ACCEPTABLE TO THE OWNER'S REPRESENTATIVE AND IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL CODES AND ORDINANCES.
9. REFER TO SPECIFICATIONS FOR ADDITIONAL CLEARING, GRUBBING, TOPSOIL STOCKPILING AND OTHER PERTINENT INFORMATION.

DEMOLITION LEGEND

| SYM | DESCRIPTION |
|-----|---|
| | LIMIT OF WORK / CONSTRUCTION FENCING |
| | SAWCUT EXISTING PAVING |
| | EXISTING SURFACE VEGETATION TO BE REMOVED PER SPECIFICATIONS. EXISTING TOP SOIL SHALL BE REMOVED FROM SITE. REFER TO SPECIFICATIONS FOR INFORMATION. REMOVE EXCESS SOIL FROM SITE. |
| | EXISTING INFILL FINES (APPROXIMATE DEPTH OF 4") TO BE REMOVED AND REUSED FOR BASE LAYERS OF NEW INFILL FINES AREA. REFER TO DETAIL F, SHEET D2.1. LEFT OVER INFILL FINES TO BE DISPOSED OF. |
| | EXISTING SYNTHETIC TURF, INCLUDING INFILL MATERIAL, AND CARPET TO BE REMOVED. CONTRACTOR SHALL DISPOSE OF MATERIAL IN A LEGAL MANNER. EXISTING INFILL SHALL BE REMOVED FROM SITE AND MAY NOT BE REUSED ON THE NEW SYNTHETIC TURF INSTALLATION. SURFACE VEGETATION UNDERNEATH SYNTHETIC TURF TO BE REMOVED PER SPECIFICATIONS. |
| | EXISTING RUBBER MAT TO BE REMOVED. SURFACE VEGETATION UNDERNEATH RUBBER MAT TO BE REMOVED PER SPECIFICATIONS. |
| | EXISTING HARDSCAPE AND BASE MATERIAL TO BE REMOVED. |
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- #### ITEMS TO BE DEMOLISHED AND/OR REMOVED
- ① EXISTING BASES AND PEGS TO BE REMOVED
 - ② EXISTING PITCHER'S MOUND INCLUDING PITCHER'S PLATE AND BASE TO BE DEMOLISHED AND REMOVED.

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 - C EXISTING AREA DRAIN TO REMAIN. CONTRACTOR TO CONVERT AREA DRAIN TO JUNCTION BOX, REFER TO DETAIL G, SHEET D1.1.
 - D POT HOLE AND LOCATE EXISTING STORM DRAIN LINE. EXISTING STORM DRAIN LINE TO REMAIN AND BE PROTECTED. STORM DRAIN LINE TO SERVE AS DRAINAGE POINT OF CONNECTION, REFER TO DRAINAGE PLANS, SHEET H-L5.1 & H-L5.2.



VERDE DESIGN
 LANDSCAPE ARCHITECTURE
 CIVIL ENGINEERING
 SPORT PLANNING & DESIGN

2455 The Alameda
 Santa Clara, CA 95050
 tel: 408.985.7200
 fax: 408.985.7260
 www.VerdeDesign.com

STAMP

CONSULTANT

SHEET TITLE

**DEMOLITION PLAN
 BASEBALL FIELD**

PROJECT NAME

**HERITAGE HIGH SCHOOL
 BASEBALL INFIELD &
 SOFTBALL OUTFIELD
 IMPROVEMENTS**

PROJECT ADDRESS

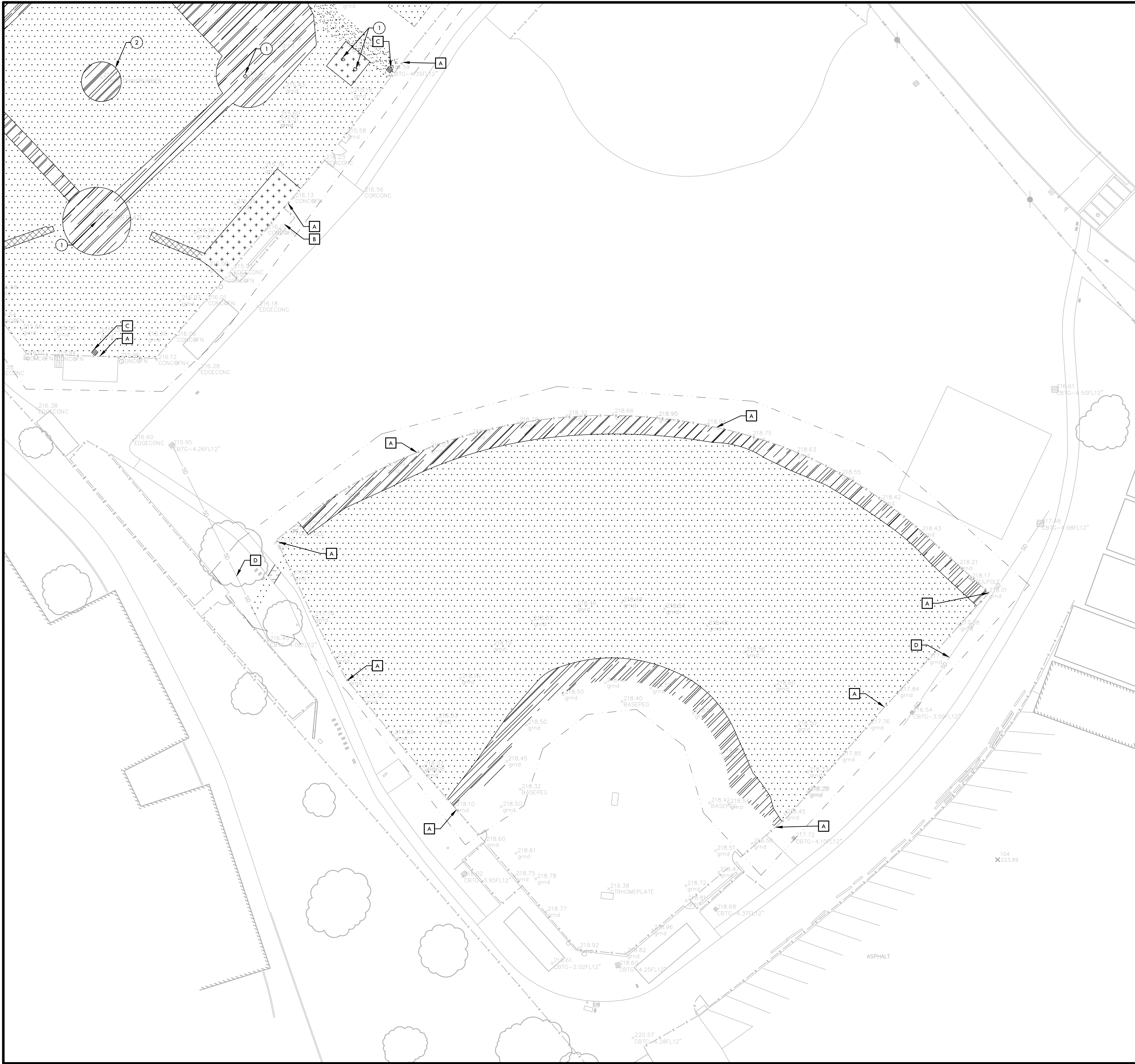
**101 AMERICAN AVE
 BRENTWOOD, CA
 94513**

| SUBMITTAL | DATE |
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| BID SUBMITTAL | 05/02/22 |

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| SHEET NO. H-L3.1 | |

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DEMOLITION LEGEND

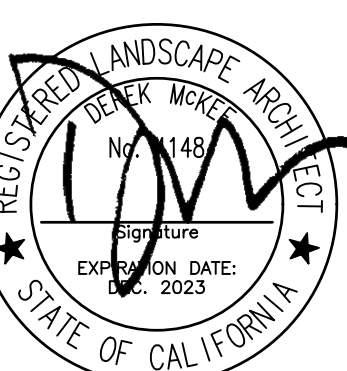
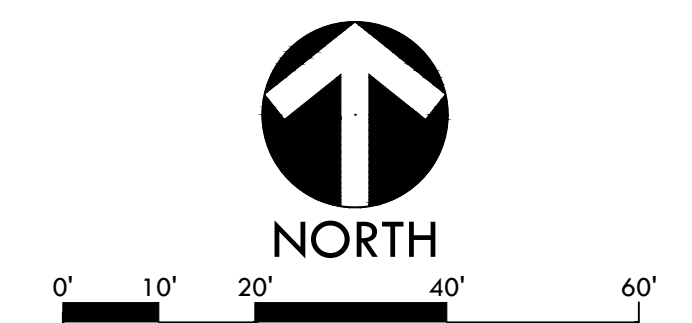
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STAMP
CONSULTANT

SHEET TITLE
**DEMOLITION PLAN
SOFTBALL FIELD**

PROJECT NAME
**HERITAGE HIGH SCHOOL
BASEBALL INFIELD &
SOFTBALL OUTFIELD
IMPROVEMENTS**

PROJECT ADDRESS
**101 AMERICAN AVE
BRENTWOOD, CA
94513**

SUBMITTAL _____ DATE _____

BID SUBMITTAL _____ 05/02/22

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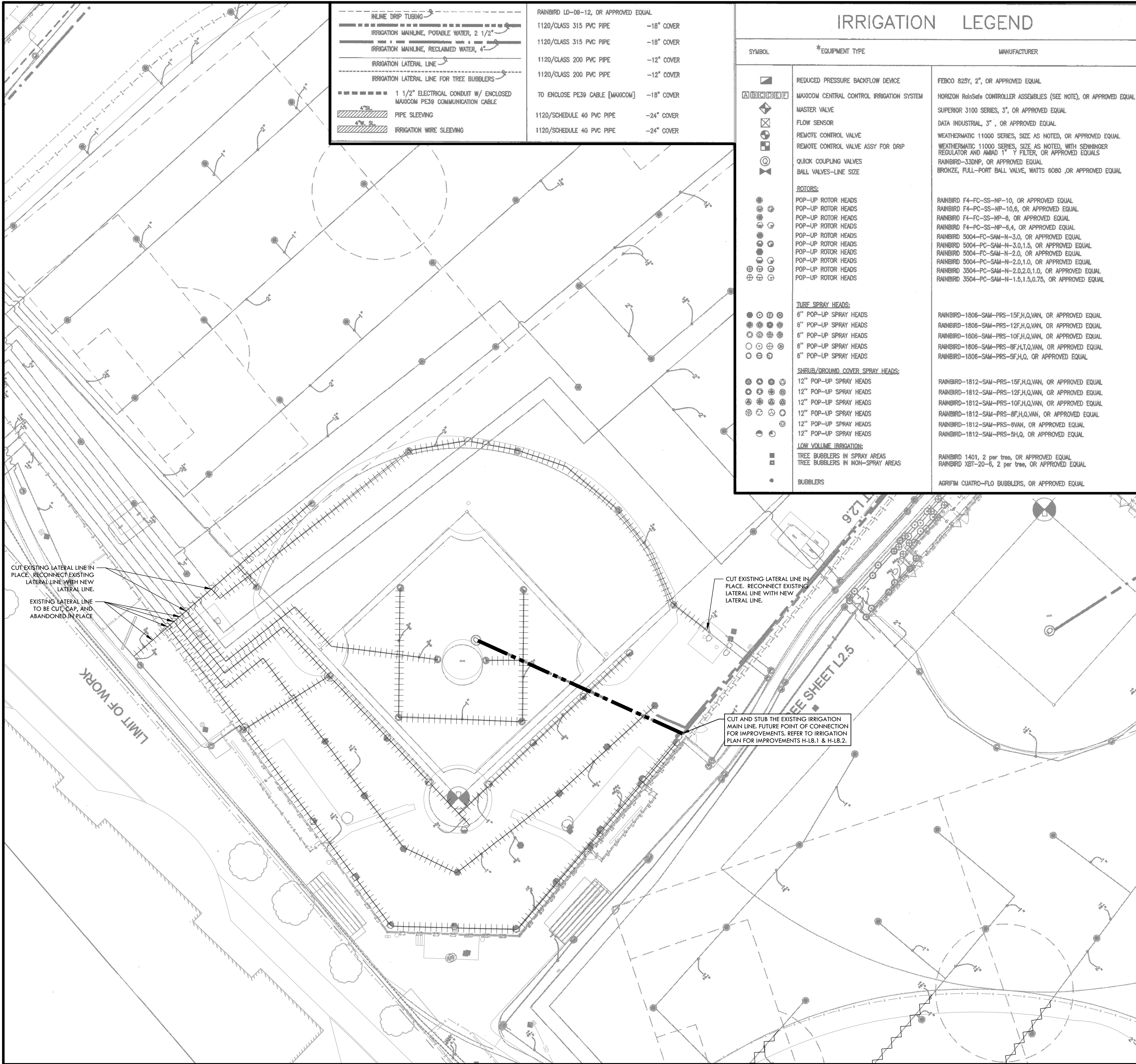
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| | | | |
|--|--------------------------------------|-------------------------|------------|
| IN-LINE DRIP TUBING | RAINBIRD LD-09-12, OR APPROVED EQUAL | 1120/CLASS 315 PVC PIPE | -18" COVER |
| IRRIGATION MAINLINE, POTABLE WATER, 2 1/2" | 1120/CLASS 315 PVC PIPE | -18" COVER | |
| IRRIGATION MAINLINE, RECLAIMED WATER, 4" | 1120/CLASS 200 PVC PIPE | -12" COVER | |
| IRRIGATION LATERAL LINE | 1120/CLASS 200 PVC PIPE | -12" COVER | |
| IRRIGATION LATERAL LINE FOR TREE BUBBLERS | 1120/CLASS 200 PVC PIPE | -12" COVER | |
| 1 1/2" ELECTRICAL CONDUIT W/ ENCLOSED MAXICOM PE39 COMMUNICATION CABLE | TO ENCLOSE PE39 CABLE (MAXICOM) | -18" COVER | |
| 4" W. S. PIPE SLEEVING | 1120/SCHEDULE 40 PVC PIPE | -24" COVER | |
| 4" W. S. IRRIGATION WIRE SLEEVING | 1120/SCHEDULE 40 PVC PIPE | -24" COVER | |

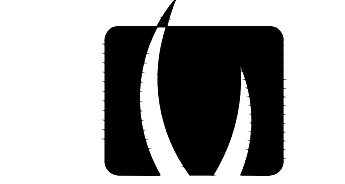
IRRIGATION LEGEND

| SYMBOL | EQUIPMENT TYPE | MANUFACTURER |
|--|---|--|
| | REDUCED PRESSURE BACKFLOW DEVICE | FEBCO 825Y, 2", OR APPROVED EQUAL |
| | MAXICOM CENTRAL CONTROL IRRIGATION SYSTEM | HORIZON RainSafe CONTROLLER ASSEMBLIES (SEE NOTE), OR APPROVED EQUAL |
| | MASTER VALVE | SUPERIOR 3100 SERIES, 3", OR APPROVED EQUAL |
| | FLOW SENSOR | DATA INDUSTRIAL, 3", OR APPROVED EQUAL |
| | REMOTE CONTROL VALVE | WEATHERMATIC 11000 SERIES, SIZE AS NOTED, OR APPROVED EQUAL |
| | REMOTE CONTROL VALVE ASSY FOR DRIP | WEATHERMATIC 11000 SERIES, SIZE AS NOTED, WITH SENNINGER REGULATOR AND AMMAD 1" Y FILTER, OR APPROVED EQUALS |
| | QUICK COUPLING VALVES | RAINBIRD-330NP, OR APPROVED EQUAL |
| | BALL VALVES-LINE SIZE | BRONZE, FULL-PORT BALL VALVE, WAITS 6080, OR APPROVED EQUAL |
| ROTORS: | | |
| | POP-UP ROTOR HEADS | RAINBIRD F4-FC-SS-NP-10, OR APPROVED EQUAL |
| | POP-UP ROTOR HEADS | RAINBIRD F4-FC-SS-NP-10.6, OR APPROVED EQUAL |
| | POP-UP ROTOR HEADS | RAINBIRD F4-FC-SS-NP-6, OR APPROVED EQUAL |
| | POP-UP ROTOR HEADS | RAINBIRD F4-FC-SS-NP-8.4, OR APPROVED EQUAL |
| | POP-UP ROTOR HEADS | RAINBIRD 5004-FC-SAM-N-3.0, OR APPROVED EQUAL |
| | POP-UP ROTOR HEADS | RAINBIRD 5004-FC-SAM-N-3.0,1.5, OR APPROVED EQUAL |
| | POP-UP ROTOR HEADS | RAINBIRD 5004-FC-SAM-N-2.0, OR APPROVED EQUAL |
| | POP-UP ROTOR HEADS | RAINBIRD 5004-FC-SAM-N-2.0,1.0, OR APPROVED EQUAL |
| | POP-UP ROTOR HEADS | RAINBIRD 3504-PC-SAM-N-1.5,1.5,0.75, OR APPROVED EQUAL |
| | POP-UP ROTOR HEADS | |
| TUBE SPRAY HEADS: | | |
| | 6" POP-UP SPRAY HEADS | RAINBIRD-1806-SAM-PRS-15F,H,Q,V,N, OR APPROVED EQUAL |
| | 6" POP-UP SPRAY HEADS | RAINBIRD-1806-SAM-PRS-12F,H,Q,V,N, OR APPROVED EQUAL |
| | 6" POP-UP SPRAY HEADS | RAINBIRD-1806-SAM-PRS-10F,H,Q,V,N, OR APPROVED EQUAL |
| | 6" POP-UP SPRAY HEADS | RAINBIRD-1806-SAM-PRS-8F,H,Q,V,N, OR APPROVED EQUAL |
| | 6" POP-UP SPRAY HEADS | RAINBIRD-1806-SAM-PRS-8F,H,Q, OR APPROVED EQUAL |
| SHRUB/GROUND COVER SPRAY HEADS: | | |
| | 12" POP-UP SPRAY HEADS | RAINBIRD-1812-SAM-PRS-15F,H,Q,V,N, OR APPROVED EQUAL |
| | 12" POP-UP SPRAY HEADS | RAINBIRD-1812-SAM-PRS-12F,H,Q,V,N, OR APPROVED EQUAL |
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| | 12" POP-UP SPRAY HEADS | RAINBIRD-1812-SAM-PRS-8V,N, OR APPROVED EQUAL |
| | 12" POP-UP SPRAY HEADS | RAINBIRD-1812-SAM-PRS-5H,Q, OR APPROVED EQUAL |
| LOW VOLUME IRRIGATION: | | |
| | TREE BUBBLERS IN SPRAY AREAS | RAINBIRD 1401, 2 per tree, OR APPROVED EQUAL |
| | TREE BUBBLERS IN NON-SPRAY AREAS | RAINBIRD 18T-20-8, 2 per tree, OR APPROVED EQUAL |
| | BUBBLERS | AGRIFIM CUATRO-FLO BUBBLERS, OR APPROVED EQUAL |

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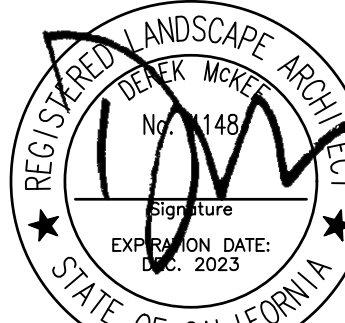
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| | EXISTING LATERAL LINE FOR TREE BUBBLERS TO REMAIN AND BE PROTECTED |
| | EXISTING IRRIGATION CONTROL VALVE TO BE REMOVED AND SALVAGED. REFER TO DEMOLITION ITEMS NOTES BELOW. |
| | EXISTING IRRIGATION CONTROL VALVE TO BE REMAIN AND BE PROTECTED/RELOCATED. REFER TO DEMOLITION ITEMS NOTES BELOW. |
| | EXISTING IRRIGATION CONTROLLERS TO REMAIN. |



VERDE DESIGN
LANDSCAPE ARCHITECTURE
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SPORT PLANNING & DESIGN

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REGISTERED LANDSCAPE ARCHITECT
MARK M. M...
NO. 1148
EXPIRES DATE: 2023
STATE OF CALIFORNIA

STAMP

CONSULTANT

SHEET TITLE

IRRIGATION DEMOLITION PLAN

PROJECT NAME

HERITAGE HIGH SCHOOL BASEBALL INFIELD & SOFTBALL OUTFIELD IMPROVEMENTS

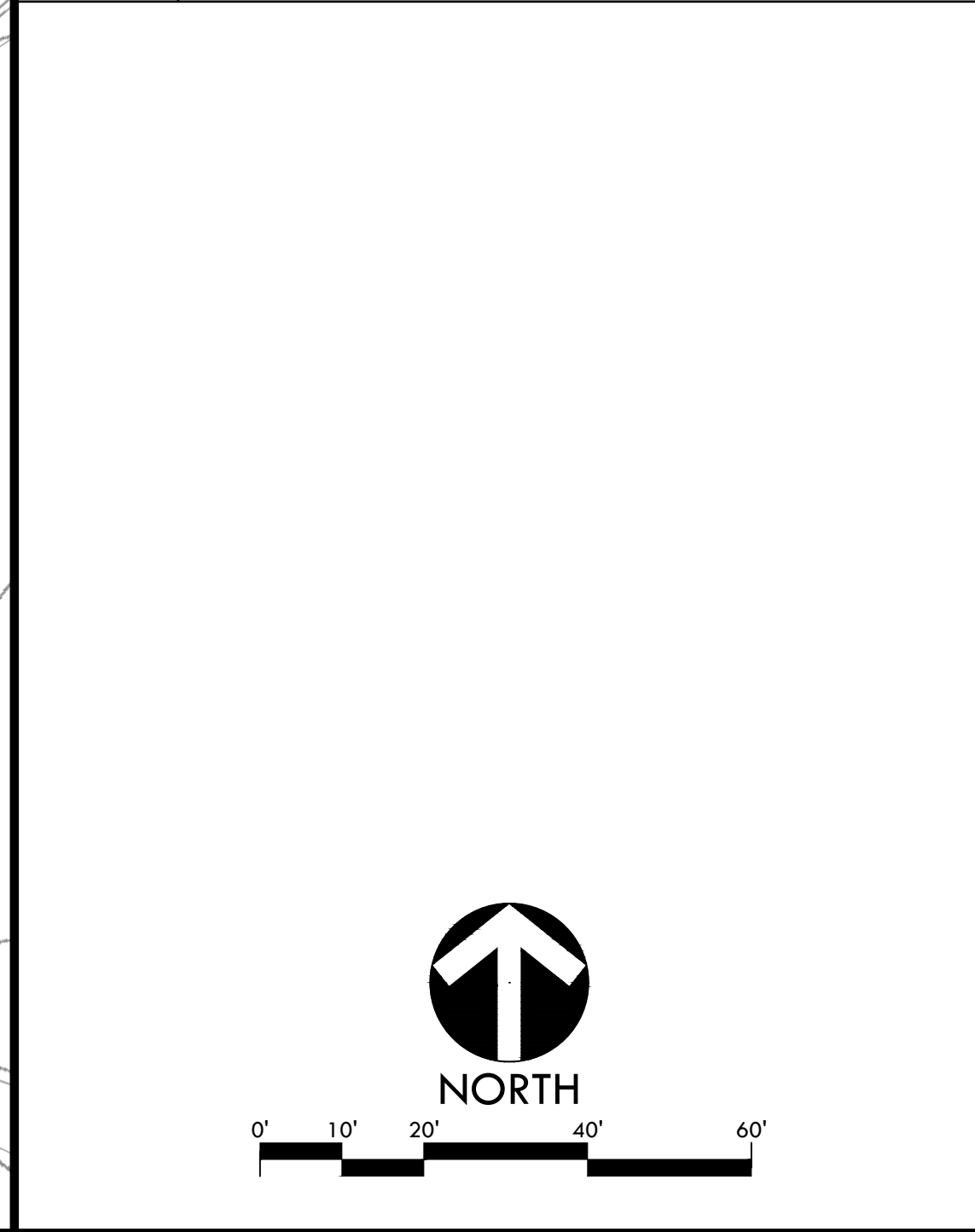
PROJECT ADDRESS

**101 AMERICAN AVE
BRENTWOOD, CA
94513**

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| BID SUBMITTAL | 05/02/22 |
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| PROJ. NO. 2111100 | |
| SHEET NO. H-L3.3 | |



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IRRIGATION LEGEND

| SYMBOL | *EQUIPMENT TYPE | MANUFACTURER |
|----------------|---|--|
| | REDUCED PRESSURE BACKFLOW DEVICE | FEBCO 825Y, 2", OR APPROVED EQUAL |
| | MAXICOM CENTRAL CONTROL IRRIGATION SYSTEM | HORIZON RainSafe CONTROLLER ASSEMBLIES (SEE NOTE), OR APPROVED EQUAL |
| | MASTER VALVE | SUPERIOR 3100 SERIES, 3", OR APPROVED EQUAL |
| | FLOW SENSOR | DATA INDUSTRIAL, 3", OR APPROVED EQUAL |
| | REMOTE CONTROL VALVE | WEATHERMATIC 11000 SERIES, SIZE AS NOTED, OR APPROVED EQUAL |
| | REMOTE CONTROL VALVE ASSY FOR DRIP | WEATHERMATIC 11000 SERIES, SIZE AS NOTED, WITH SENNINGER REGULATOR AND AMIAD 1" Y FILTER, OR APPROVED EQUALS |
| | QUICK COUPLING VALVES | RAINBIRD-33DNP, OR APPROVED EQUAL |
| | BALL VALVES—LINE SIZE | BRONZE, FULL-PORT BALL VALVE, WATTS 6080 ,OR APPROVED EQUAL |
| ROTORS: | | |
| | POP-UP ROTOR HEADS | RAINBIRD F4-FC-SS-NP-10, OR APPROVED EQUAL |
| | POP-UP ROTOR HEADS | RAINBIRD F4-PC-SS-NP-10,6, OR APPROVED EQUAL |
| | POP-UP ROTOR HEADS | RAINBIRD F4-FC-SS-NP-6, OR APPROVED EQUAL |
| | POP-UP ROTOR HEADS | RAINBIRD F4-PC-SS-NP-6,4, OR APPROVED EQUAL |
| | POP-UP ROTOR HEADS | RAINBIRD 5004-FC-SAM-N-3.0, OR APPROVED EQUAL |
| | POP-UP ROTOR HEADS | RAINBIRD 5004-PC-SAM-N-3.0,1.5, OR APPROVED EQUAL |
| | POP-UP ROTOR HEADS | RAINBIRD 5004-PC-SAM-N-2.0, OR APPROVED EQUAL |
| | POP-UP ROTOR HEADS | RAINBIRD 5004-PC-SAM-N-2.0,1.0, OR APPROVED EQUAL |
| | POP-UP ROTOR HEADS | RAINBIRD 3504-PC-SAM-N-2.0,2.0,1.0, OR APPROVED EQUAL |
| | POP-UP ROTOR HEADS | RAINBIRD 3504-PC-SAM-N-1.5,1.5,0.75, OR APPROVED EQUAL |

| TURF SPRAY HEADS: | |
|---------------------------------|----------------------------------|
| | 6" POP-UP SPRAY HEADS |
| | 6" POP-UP SPRAY HEADS |
| | 6" POP-UP SPRAY HEADS |
| | 6" POP-UP SPRAY HEADS |
| | 6" POP-UP SPRAY HEADS |
| SHRUB/GROUND COVER SPRAY HEADS: | |
| | 12" POP-UP SPRAY HEADS |
| | 12" POP-UP SPRAY HEADS |
| | 12" POP-UP SPRAY HEADS |
| | 12" POP-UP SPRAY HEADS |
| | 12" POP-UP SPRAY HEADS |
| | 12" POP-UP SPRAY HEADS |
| LOW VOLUME IRRIGATION: | |
| | TREE BUBBLERS IN SPRAY AREAS |
| | TREE BUBBLERS IN NON-SPRAY AREAS |
| | BUBBLERS |

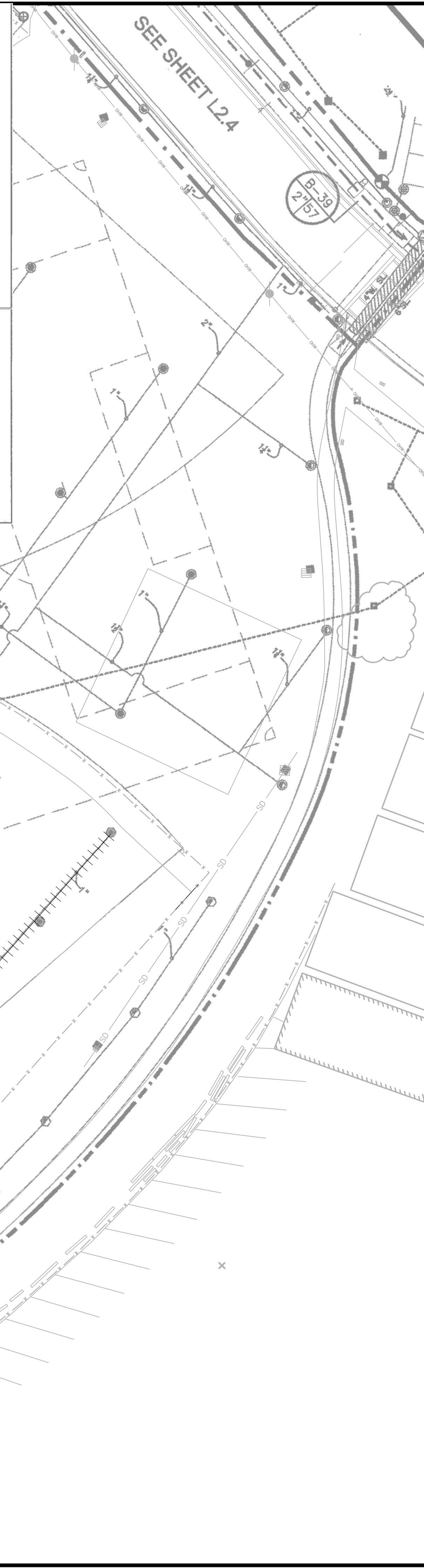
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| | IN-LINE DRIP TUBING | RAINBIRD LD-09-12, OR APPROVED EQUAL |
| | IRRIGATION MAINLINE, POTABLE WATER, 2 1/2" | 1120/CLASS 315 PVC PIPE -18" COVER |
| | IRRIGATION MAINLINE, RECLAIMED WATER, 4" | 1120/CLASS 315 PVC PIPE -18" COVER |
| | IRRIGATION LATERAL LINE | 1120/CLASS 200 PVC PIPE -12" COVER |
| | IRRIGATION LATERAL LINE FOR TREE BUBBLERS | 1120/CLASS 200 PVC PIPE -12" COVER |
| | 1 1/2" ELECTRICAL CONDUIT W/ ENCLOSED MAXICOM PE39 COMMUNICATION CABLE | TO ENCLOSE PE39 CABLE [MAXICOM] -18" COVER |
| | PIPE SLEEVING | 1120/SCHEDULE 40 PVC PIPE -24" COVER |
| | IRRIGATION WIRE SLEEVING | 1120/SCHEDULE 40 PVC PIPE -24" COVER |

RAINBIRD-1806-SAM-PRS-15F,H,Q,VAN, OR APPROVED EQUAL
 RAINBIRD-1806-SAM-PRS-12F,H,Q,VAN, OR APPROVED EQUAL
 RAINBIRD-1806-SAM-PRS-10F,H,Q,VAN, OR APPROVED EQUAL
 RAINBIRD-1806-SAM-PRS-8F,H,T,Q,VAN, OR APPROVED EQUAL
 RAINBIRD-1806-SAM-PRS-5F,H,Q, OR APPROVED EQUAL

RAINBIRD-1812-SAM-PRS-15F,H,Q,VAN, OR APPROVED EQUAL
 RAINBIRD-1812-SAM-PRS-12F,H,Q,VAN, OR APPROVED EQUAL
 RAINBIRD-1812-SAM-PRS-10F,H,Q,VAN, OR APPROVED EQUAL
 RAINBIRD-1812-SAM-PRS-8F,H,Q,VAN, OR APPROVED EQUAL
 RAINBIRD-1812-SAM-PRS-6VAN, OR APPROVED EQUAL
 RAINBIRD-1812-SAM-PRS-5H,Q, OR APPROVED EQUAL

RAINBIRD 1401, 2 per tree, OR APPROVED EQUAL
 RAINBIRD XBT-20-6, 2 per tree, OR APPROVED EQUAL

AGRIFIM CUATRO-FLO BUBBLERS, OR APPROVED EQUAL



DEMOLITION NOTES

- THE CONTRACTOR SHALL PERFORM ALL CLEARING, DEMOLITION, REMOVAL OF OBSTRUCTIONS AND SITE PREPARATIONS NECESSARY FOR THE PROPER EXECUTION OF ALL WORK CONTAINED IN THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES AND PROVIDE THE REQUIRED COORDINATION FOR THEIR TEMPORARY DISCONNECTION, PROTECTION, REMOVAL AND/OR STORAGE AS MAY BE REQUIRED DURING CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH THE OWNER TO DETERMINE WHETHER TEMPORARY SERVICES ARE NECESSARY.
- THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BID SUBMITTAL TO DETERMINE THE EXACT EXTENT AND DEPTH OF SITE DEMOLITION REQUIRED AND VERIFY COMPLIANCE WITH DRAWINGS. THE OWNER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES.
- THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, STRUCTURES AND SERVICES BEFORE COMMENCING WORK. THE LOCATIONS OF UTILITIES, STRUCTURES AND SERVICES SHOWN IN THE CONTRACT DOCUMENTS SHALL BE DEEMED TO BE APPROXIMATIONS ONLY. ALL DISCREPANCIES BETWEEN WHAT IS SHOWN AND THE ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 227-2600 PRIOR TO ANY DEMOLITION OR EXCAVATION. UPON COMPLETION OF USA MARKING OPERATIONS, CONTRACTOR SHALL RECORD ALL UTILITY MARKINGS ON A SEPARATE SET OF DRAWINGS. THIS SET SHALL BE KEPT ON-SITE FOR REFERENCE FOR DURATION OF CONTRACT. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD CONFLICTS ARISE AND REDIRECT WORK TO AVOID DELAY.
- ALL EXISTING ITEMS ARE TO REMAIN UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING, AT CONTRACTOR'S EXPENSE, ANY EXISTING ITEM DAMAGED OR DESTROYED BY CONSTRUCTION OPERATIONS. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY AND ALL DAMAGES TO ADJACENT PROPERTIES. THE DAMAGED ITEMS SHALL BE RESTORED TO AN "AS-WAS" OR BETTER CONDITION OR REPLACED PER THE DISCRETION OF THE OWNER'S REPRESENTATIVE.
- PRIOR TO ANY DEMOLITION WORK, CONTRACTOR SHALL INSTALL SELF-SUPPORTING INTERLOCKING CHAIN-LINK TEMPORARY CONSTRUCTION FENCING TO ENCLOSE AND SECURE THE PROJECT AREA LIMIT OF WORK. THE FENCING SHALL CONTAIN PEDESTRIAN AND/OR VEHICULAR ACCESS GATES AS NECESSARY AND SHALL BE MINIMUM 6 FEET HIGH WITH A TOP AND BOTTOM RAIL WITH KNUCKLED TOP AND BOTTOM SELVAGE (NO BARBED WIRE PERMITTED). FENCE SHALL INCLUDE FULL HEIGHT GREEN SHADE CLOTH COVERING. THE CONSTRUCTION FENCING WORK SHALL BE SUBJECT TO THE DISCRETION OF THE OWNER'S REPRESENTATIVE.
- PRIOR TO ANY DEMOLITION WORK, CONTRACTOR SHALL PROTECT ALL EXISTING PLANT MATERIAL NOT SCHEDULED FOR REMOVAL BY INSTALLING TEMPORARY 4 FOOT HIGH "BLAZE ORANGE" CONSTRUCTION SAFETY FENCING AT THE DRIP LINE OR PERIMETER. THE FENCING SHALL BE SECURED WITH DRIVEN METAL STAKES. ALL TREE PROTECTION WORK SHALL BE SUBJECT TO THE DISCRETION OF THE OWNER'S REPRESENTATIVE.
- DEMOLITION SHALL INCLUDE THE REMOVAL OF ITEM AND ANY FOUNDATION OR STRUCTURAL SUPPORT RELATED TO ITEM FOR PLANT MATERIAL THIS SHALL INCLUDE STUMPS AND ROOTS OVER 2 INCHES IN DIAMETER. DISPOSAL SHALL BE OFF-SITE IN A LEGAL MANNER ACCEPTABLE TO THE OWNER'S REPRESENTATIVE AND IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL CODES AND ORDINANCES.
- REFER TO SPECIFICATIONS FOR ADDITIONAL CLEARING, GRUBBING, TOPSOIL STOCKPILING AND OTHER PERTINENT INFORMATION.

DEMOLITION LEGEND

| SYM | DESCRIPTION |
|-----|---|
| | EXISTING IRRIGATION LINE AND ASSOCIATED IRRIGATION SPRAY HEAD/ROTORS TO BE DEMOLISHED AND REMOVED. HEADS AND ROTORS TO BE SALVAGED AND TURNED OVER TO THE SCHOOL. CAP IRRIGATION LINE AS NECESSARY. |
| | EXISTING IRRIGATION LINE TO REMAIN AND BE PROTECTED. ASSOCIATED IRRIGATION SPRAY HEAD/ROTORS TO BE DEMOLISHED AND REMOVED. HEADS AND ROTORS TO BE SALVAGED AND TURNED OVER TO THE SCHOOL. CAP IRRIGATION LINE AS NECESSARY. |
| | EXISTING IRRIGATION LATERAL LINE TO REMAIN AND BE PROTECTED |
| | EXISTING IRRIGATION MAIN LINE TO REMAIN AND BE PROTECTED |
| | EXISTING IRRIGATION MAIN LINE AND ASSOCIATED QUICK COUPLER VALVES TO BE DEMOLISHED AND REMOVED. QUICK COUPLERS TO BE SALVAGED AND TURNED OVER TO THE SCHOOL. |
| | EXISTING LATERAL LINE FOR TREE BUBBLERS TO REMAIN AND BE PROTECTED |
| | EXISTING IRRIGATION CONTROL VALVE TO BE REMOVED AND SALVAGED. REFER TO DEMOLITION ITEMS NOTES BELOW. |
| | EXISTING IRRIGATION CONTROL VALVE TO BE REMAIN AND BE PROTECTED/RELOCATED. REFER TO DEMOLITION ITEMS NOTES BELOW. |
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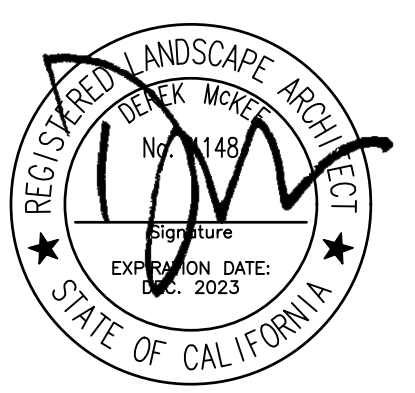
EXISTING IRRIGATION VALVE STATIONS: C1 - C12

IRRIGATION VALVE AND ASSOCIATED LINES AND SPRAY/ROTOR HEADS TO REMAIN AND BE PROTECTED. CONTRACTOR TO COORDINATE TEMPORARY IRRIGATION FOR THESE ZONES DURING CONSTRUCTION.



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SHEET TITLE

IRRIGATION DEMOLITION PLAN

PROJECT NAME

HERITAGE HIGH SCHOOL BASEBALL INFIELD & SOFTBALL OUTFIELD IMPROVEMENTS

PROJECT ADDRESS

**101 AMERICAN AVE
 BRENTWOOD, CA
 94513**

| SUBMITTAL | DATE |
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| BID SUBMITTAL | 05/02/22 |

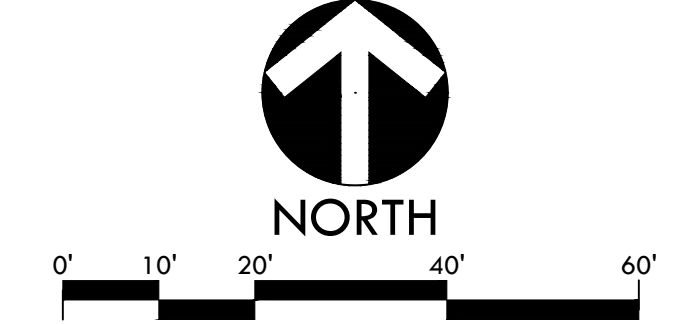
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 CHECKED BY: DM

DATE ISSUED: 04/01/2022
 SCALE:

PROJ. NO.: 2111100

SHEET NO.: **H-L3.4**



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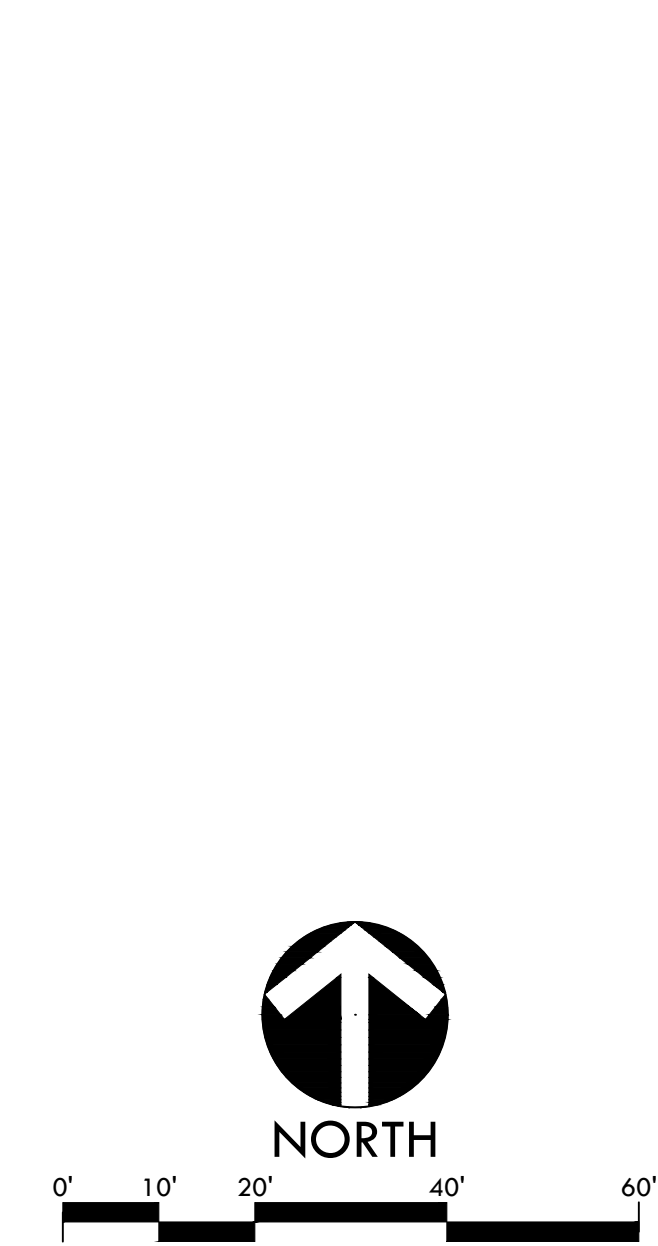


GRADING NOTES

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- ALL EXISTING DRAINAGE STRUCTURES, BOXES, UTILITY VAULTS ETC. SHALL BE BROUGHT TO FINAL FINISH GRADE PRIOR TO FINAL SURFACE TREATMENT.

GRADING LEGEND

| SYM | DESCRIPTION |
|-----------|--|
| | PROPOSED CONTOUR |
| | PROPOSED SUBGRADE CONTOUR |
| FG 32.00 | PROPOSED FINISH GRADE ELEVATION OF SOFTSCAPE |
| FT 32.00 | PROPOSED ELEVATION OF TOP OF SYNTHETIC TURF INFILL |
| FS 32.00 | PROPOSED FINISH SURFACE ELEVATION OF HARDSCAPE |
| HP 32.00 | HIGH POINT/ HIGH POINT OF SWALE |
| RIM 31.00 | LOW POINT/ RIM ELEVATION OF DRAIN |
| SG 32.00 | PROPOSED FINISH SUBGRADE ELEVATION |
| TC 32.50 | TOP OF CURB |
| TW 34.00 | TOP OF WALL |
| FF 92.00 | FINISHED FLOOR ELEVATION |
| TD 99.00 | TOP OF TRENCH DRAIN |
| | CENTER LINE OF SWALE |
| | CROWN OF FIELD, OR RIDGE LINE |
| | LOW POINT OF FIELD OR SWALE AT SUBGRADE ELEVATION |
| | CONFORM TO EXISTING GRADE |
| | LIMIT OF GRADING - CONFORM TO EXISTING GRADES AT THIS LINE |
| | FLOW DIRECTION IN SOFTSCAPE |
| | EXISTING CONTOUR |
| + 102.1 | EXISTING ELEVATION |



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STAMP

CONSULTANT

SHEET TITLE

**GRADING
 PLAN
 BASEBALL FIELD**

PROJECT NAME

**HERITAGE HIGH SCHOOL
 BASEBALL INFIELD &
 SOFTBALL OUTFIELD
 IMPROVEMENTS**

PROJECT ADDRESS

**101 AMERICAN AVE
 BRENTWOOD, CA
 94513**

SUBMITTAL

DATE

BID SUBMITTAL

05/02/22

NO.

REVISIONS

DRAWN BY

CHECKED BY

NN/JJ

DM

DATE ISSUED

SCALE

04/01/2022

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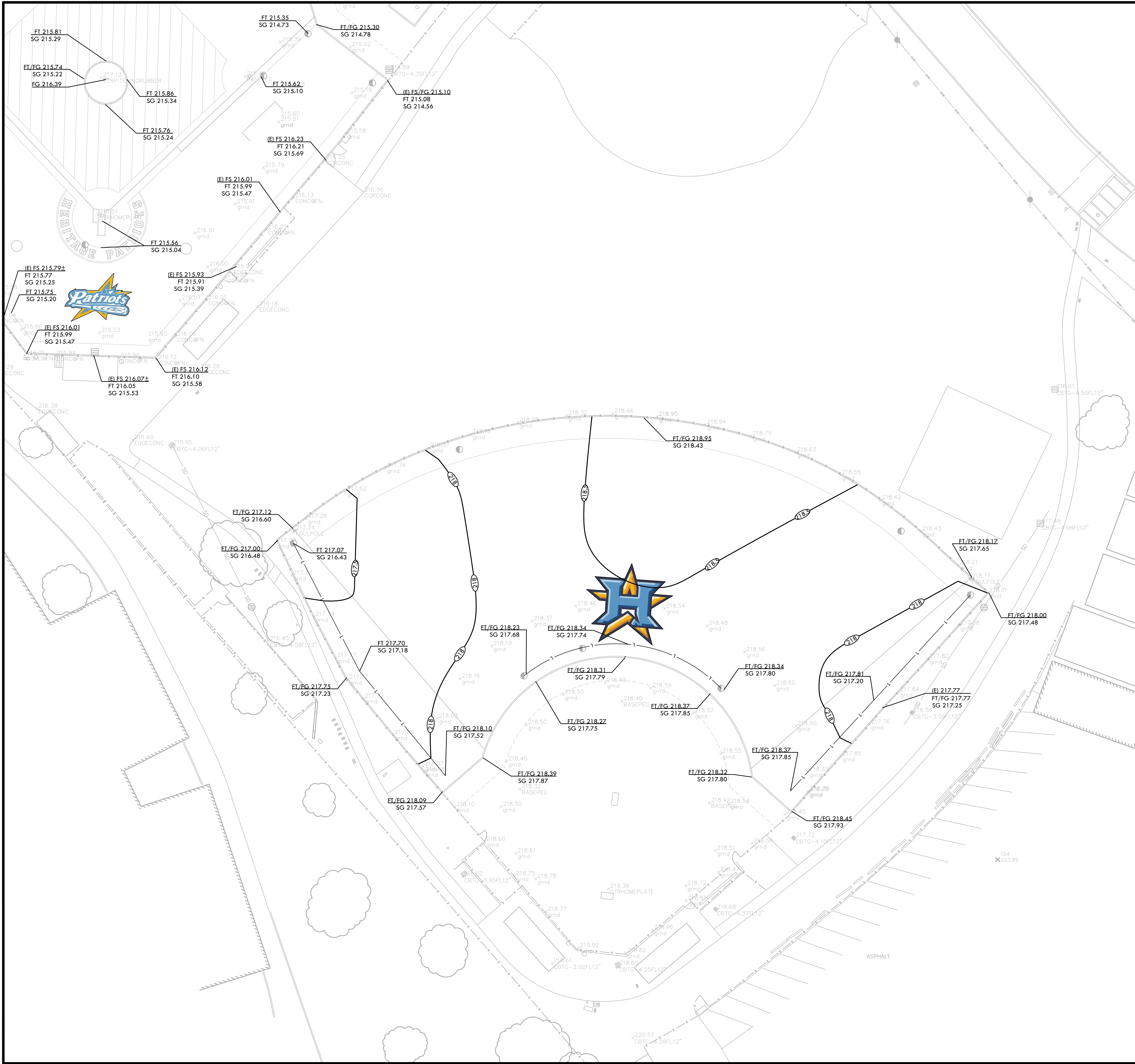
PROJ. NO.

2111100

SHEET NO.

H-L4.1

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GRADING LEGEND

| SYM | DESCRIPTION |
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| | LOW POINT OF FIELD OR SWALE AT SUBGRADE ELEVATION |
| | CONFORM TO EXISTING GRADE |
| | LIMIT OF GRADING - CONFORM TO EXISTING GRADES AT THIS LINE |
| | FLOW DIRECTION IN SOFTSCAPE |
| | EXISTING CONTOUR |
| + 102.1 | EXISTING ELEVATION |

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STAMP

CONSULTANT

GRADING PLAN SOFTBALL FIELD

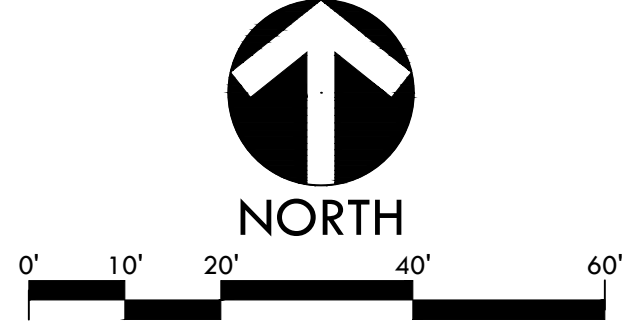
PROJECT NAME
**HERITAGE HIGH SCHOOL
 BASEBALL INFIELD &
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PROJECT ADDRESS
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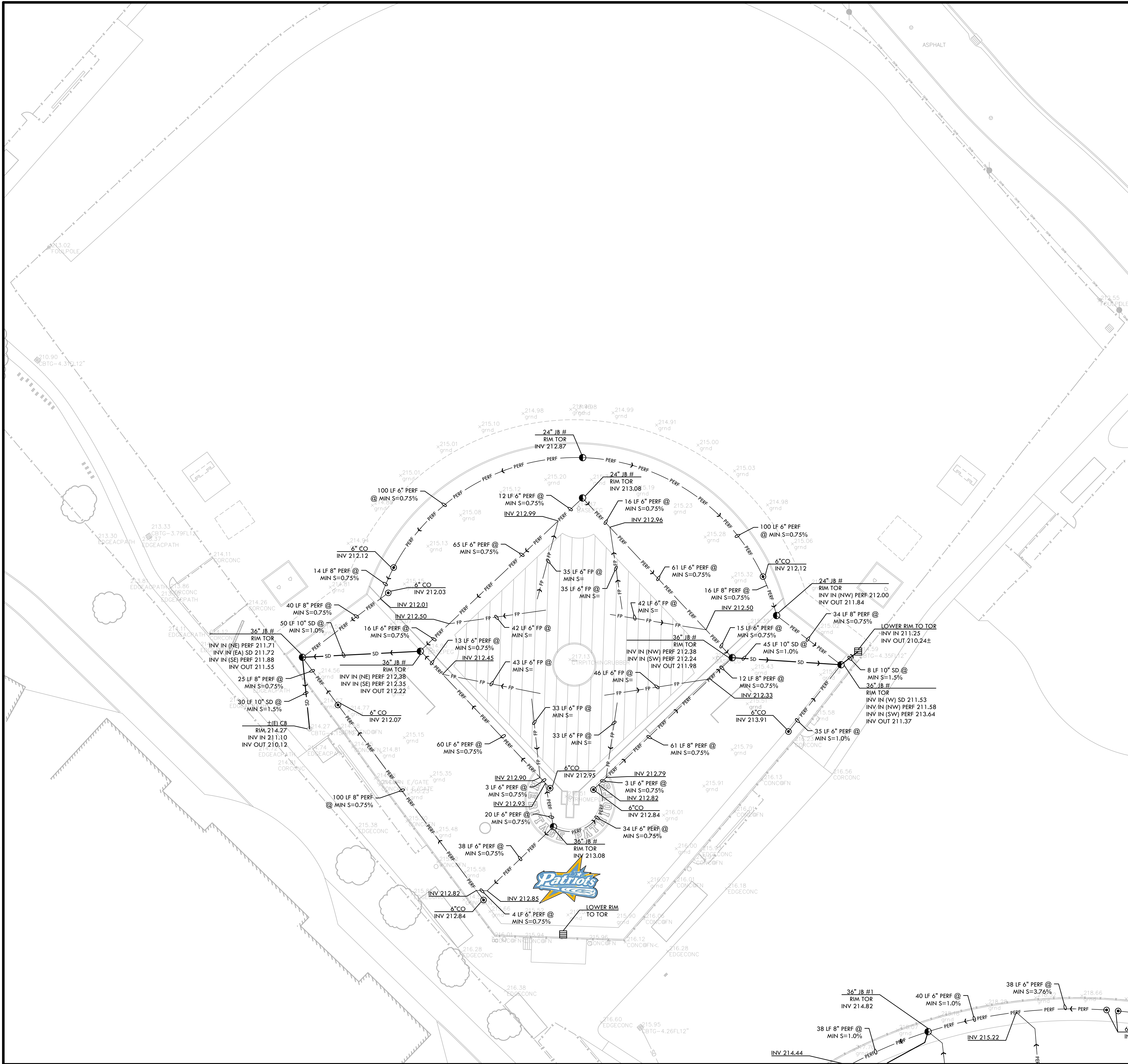
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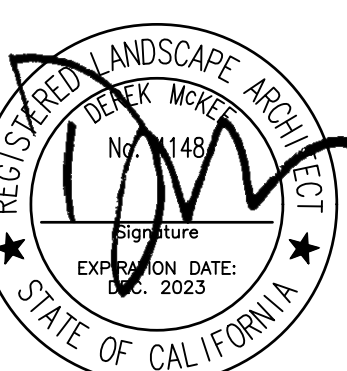


DRAINAGE & UTILITY NOTES

1. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, STRUCTURES, AND SERVICES BEFORE COMMENCING WORK. THE LOCATIONS OF UTILITIES, STRUCTURES, AND SERVICES SHOWN IN THE CONTRACT DOCUMENTS SHALL BE DEEMED TO BE APPROXIMATIONS ONLY. ALL DISCREPANCIES BETWEEN WHAT IS SHOWN AND THE ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE DISTRICT REPRESENTATIVE. THE CONTRACTOR SHALL CONTACT UNDER GROUND SERVICE ALERT (USA) AT (800) 227-2600 PRIOR TO ANY DEMOLITION OR EXCAVATION. UPON COMPLETION OF USA MARKING OPERATIONS, CONTRACTOR SHALL RECORD ALL UTILITY MARKINGS ON A SEPARATE SET OF DRAWINGS. THIS SET SHALL BE KEPT ON-SITE FOR REFERENCE FOR DURATION OF CONTRACT.
2. ALL EXISTING DRAINAGE STRUCTURES, BOXES, UTILITY VAULTS ETC. TO REMAIN, SHALL BE BROUGHT TO FINAL FINISH GRADE PRIOR TO FINAL SURFACE TREATMENT.
3. THE CONTRACTOR IS TO PROTECT DRAINAGE SYSTEM FROM DEBRIS, INCLUDING SOIL, ROCK MATERIAL, AND TRASH FROM ENTERING THE PIPE DURING CONSTRUCTION. CONTRACTOR SHALL AVOID PLACING CONSTRUCTION VEHICLES OVER INSTALLED DRAINAGE TRENCHES TO PREVENT CRUSHING OF PIPE.
4. COORDINATE ALL SLEEVING AND UTILITY LOCATIONS AS SHOWN ON THE PLANS AND DETAILS CONTAINED WITHIN THESE CONTRACT DOCUMENTS.
5. THE CONTRACTOR IS TO ENSURE THAT ALL REMAINING ACTIVE AND NEW DRAINAGE AND UTILITY LINES ARE PROTECTED AND UNDAMAGED FROM TRENCHING AND FOOTING EXCAVATIONS FOR NEW FOOTINGS, PARTICULARLY FOR NEW FENCING AND WALLS.
6. ALL ABANDONED STORM LINES SHALL REMAIN IN PLACE UNLESS IN CONFLICT WITH PROPOSED DRAINAGE, UTILITY, OR SUBGRADING OPERATIONS, IN WHICH CASE ABANDONED PIPE IN CONFLICT SHALL BE REMOVED. REMAINING ABANDONED STORM PIPE SHALL BE SEALED WITH APPROPRIATELY SIZED CONCRETE CAP (3 SACK MIX) 6" ENVELOPE OUTSIDE AND INSIDE DIAMETER OF PIPE.
7. PRIOR TO ALL DRAINAGE AND UTILITY WORK, CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL POTENTIAL DRAINAGE CONNECTIONS AND EXISTING UTILITY BY POTHOLES. IN ADDITION, ALL DOWNSTREAM CONNECTIONS TO EXISTING STRUCTURES SHALL BE THE START OF THESE OPERATIONS, AND GRADES SHALL BE VERIFIED.
8. WHEN WORK HAS TO OCCUR UNDER THE DRIPLINE OF EXISTING TREES NOT SCHEDULED FOR REMOVAL, THE CONTRACTOR SHALL USE ALL POSSIBLE CARE TO AVOID INJURY TO THE TREES AND TREE ROOTS. GRADE IN LINES RADIAL TO THE EXISTING TREES RATHER THAN TANGENTIAL. ALL PARTIAL CUTS OR TEARS THROUGH ROOTS TWO INCHES IN DIAMETER AND LARGER SHALL BE CUT CLEAN. TRENCHES ADJACENT TO TREES SHALL BE FILLED WITHIN 24 HOURS AFTER EXCAVATION, BUT WHERE THIS IS NOT POSSIBLE, THE SIDE OF THE TRENCH ADJACENT TO THE TREE, AND ANY EXPOSED ROOTS SHALL BE KEPT SHADED AND MOIST WITH DAMPENED BURLAP OR CANVAS.



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 Santa Clara, CA 95050
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STAMP

CONSULTANT

DRAINAGE & UTILITY LEGEND

| SYM | DESCRIPTION | DETAIL NUMBER | SHEET NUMBER |
|--------------|--|---------------|--------------|
| | CATCH BASIN, SIZE PER PLAN | B | D1.1 |
| | JUNCTION BOX, SIZE PER PLAN | C | D1.1 |
| | CLEANOUT IN SYNTHETIC TURF | D | D1.1 |
| | CONVERT EXISTING CATCH BASIN TO JUNCTION BOX IN SYNTHETIC TURF | G | D1.1 |
| | SOLID WALL STORM DRAIN | A | D1.1 |
| | PERFORATED SUBDRAIN LINE | H | D1.1 |
| | FLAT PANEL | F | D1.1 |
| (E) | EXISTING | | |
| CB | CATCH BASIN | | |
| INV | INVERT | | |
| RIM | RIM ELEVATION | | |
| TOR | TOP OF ROCK ELEVATION | | |
| LF | LINEAR FEET | | |
| COIT | CLEANOUT IN TURF | | |
| COIF | CLEANOUT IN INFELD FINES | | |
| COTG | CLEANOUT TO GRADE | | |
| SSCO | SANITARY SEWER CLEANOUT | | |
| S=0.5% | SLOPE | | |
| MIN. | MINIMUM | | |
| TD | TRENCH DRAIN ELEVATION | | |
| N, S, W, EA, | NORTH, SOUTH, WEST, EAST | | |

SHEET TITLE

**DRAINAGE AND UTILITY PLAN
 BASEBALL FIELD**

PROJECT NAME

**HERITAGE HIGH SCHOOL
 BASEBALL INFELD &
 SOFTBALL OUTFIELD
 IMPROVEMENTS**

PROJECT ADDRESS

**101 AMERICAN AVE
 BRENTWOOD, CA
 94513**

SUBMITTAL

DATE

BID SUBMITTAL

05/02/22

NO.

REVISIONS

DATE

DRAWN BY

CHECKED BY

DATE ISSUED

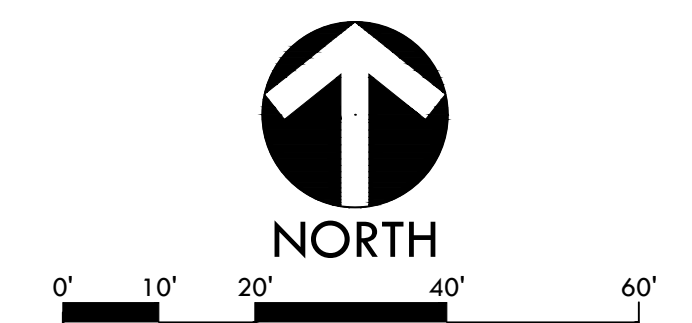
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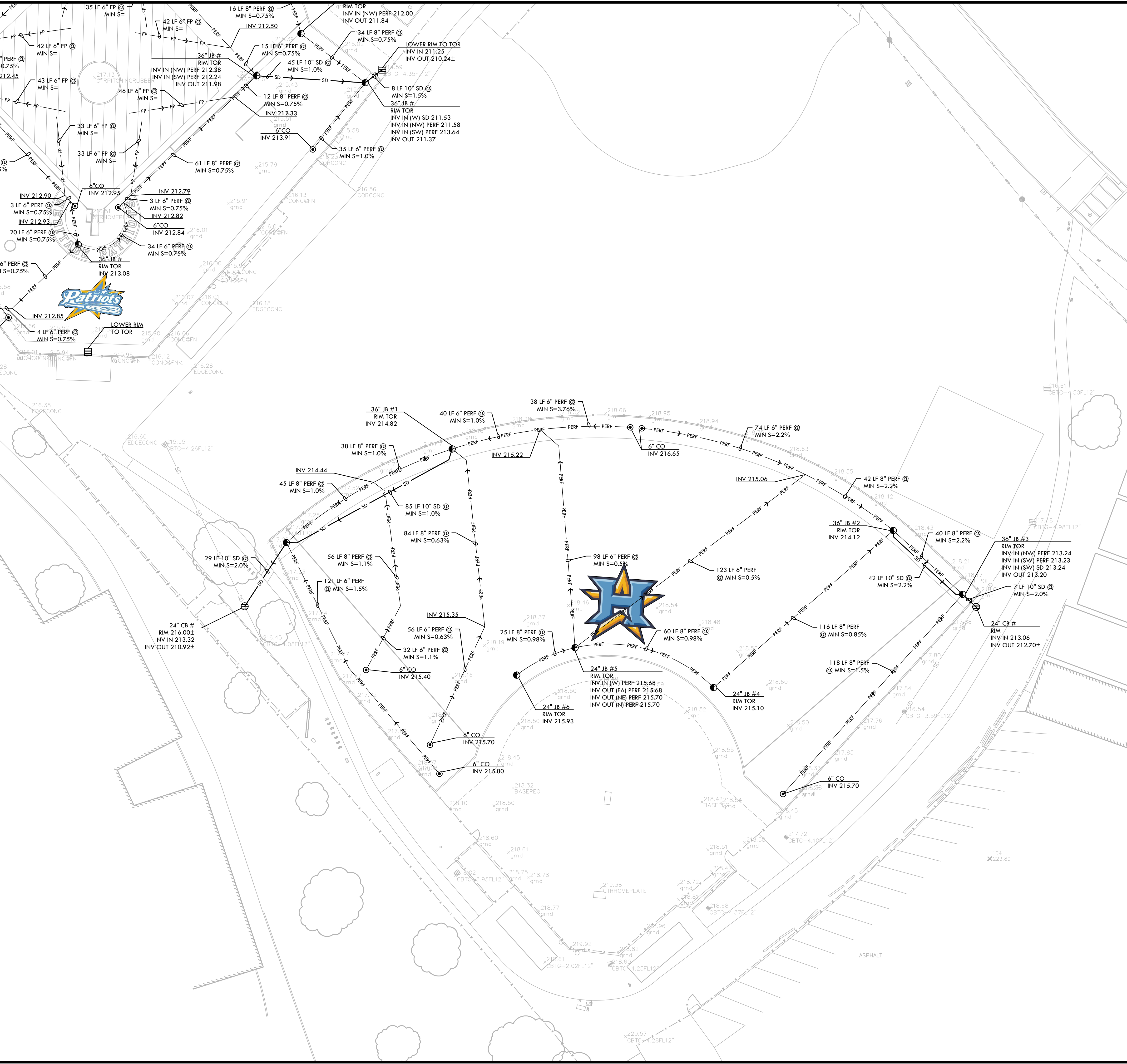
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H-L5.1



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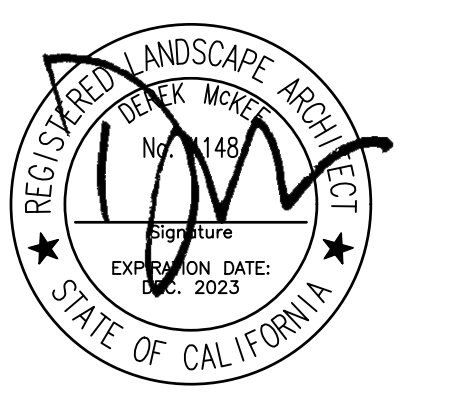


DRAINAGE & UTILITY NOTES

1. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, STRUCTURES, AND SERVICES BEFORE COMMENCING WORK. THE LOCATIONS OF UTILITIES, STRUCTURES, AND SERVICES SHOWN IN THE CONTRACT DOCUMENTS SHALL BE DEEMED TO BE APPROXIMATIONS ONLY. ALL DISCREPANCIES BETWEEN WHAT IS SHOWN AND THE ACTUAL FIELD CONDITIONS SHALL BE REPORTED TO THE DISTRICT REPRESENTATIVE. THE CONTRACTOR SHALL CONTACT UNDER GROUND SERVICE ALERT (USA) AT (800) 227-2600 PRIOR TO ANY DEMOLITION OR EXCAVATION. UPON COMPLETION OF USA MARKING OPERATIONS, CONTRACTOR SHALL RECORD ALL UTILITY MARKINGS ON A SEPARATE SET OF DRAWINGS. THIS SET SHALL BE KEPT ON-SITE FOR REFERENCE FOR DURATION OF CONTRACT.
2. ALL EXISTING DRAINAGE STRUCTURES, BOXES, UTILITY VAULTS ETC. TO REMAIN, SHALL BE BROUGHT TO FINAL FINISH GRADE PRIOR TO FINAL SURFACE TREATMENT.
3. THE CONTRACTOR IS TO PROTECT DRAINAGE SYSTEM FROM DEBRIS, INCLUDING SOIL, ROCK MATERIAL AND TRASH FROM ENTERING THE PIPE DURING CONSTRUCTION. CONTRACTOR SHALL AVOID PLACING CONSTRUCTION VEHICLES OVER INSTALLED DRAINAGE TRENCHES TO PREVENT CRUSHING OF PIPE.
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 www.VerdeDesignInc.com



DRAINAGE & UTILITY LEGEND

| SYM | DESCRIPTION | DETAIL NUMBER | SHEET NUMBER |
|--------------|--|---------------|--------------|
| | CATCH BASIN, SIZE PER PLAN | B | D1.1 |
| | JUNCTION BOX, SIZE PER PLAN | C | D1.1 |
| | CLEANOUT IN SYNTHETIC TURF | D | D1.1 |
| | CONVERT EXISTING CATCH BASIN TO JUNCTION BOX IN SYNTHETIC TURF | G | D1.1 |
| | SOLID WALL STORM DRAIN | A | D1.1 |
| | PERFORATED SUBDRAIN LINE | H | D1.1 |
| | FLAT PANEL | F | D1.1 |
| (E) | EXISTING | | |
| CB | CATCH BASIN | | |
| INV | INVERT | | |
| RIM | RIM ELEVATION | | |
| TOR | TOP OF ROCK ELEVATION | | |
| LF | LINEAR FEET | | |
| COIT | CLEANOUT IN TURF | | |
| COIF | CLEANOUT IN INFELD FINES | | |
| COTG | CLEANOUT TO GRADE | | |
| SSCO | SANITARY SEWER CLEANOUT | | |
| S=0.5% | SLOPE | | |
| MIN. | MINIMUM | | |
| TD | TRENCH DRAIN ELEVATION | | |
| N, S, W, EA, | NORTH, SOUTH, WEST, EAST | | |

STAMP
 CONSULTANT

SHEET TITLE

DRAINAGE AND UTILITY PLAN

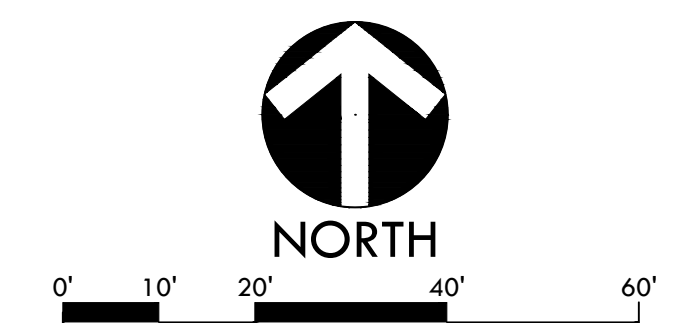
PROJECT NAME
**HERITAGE HIGH SCHOOL
 BASEBALL INFELD &
 SOFTBALL OUTFIELD
 IMPROVEMENTS**

PROJECT ADDRESS
**101 AMERICAN AVE
 BRENTWOOD, CA
 94513**

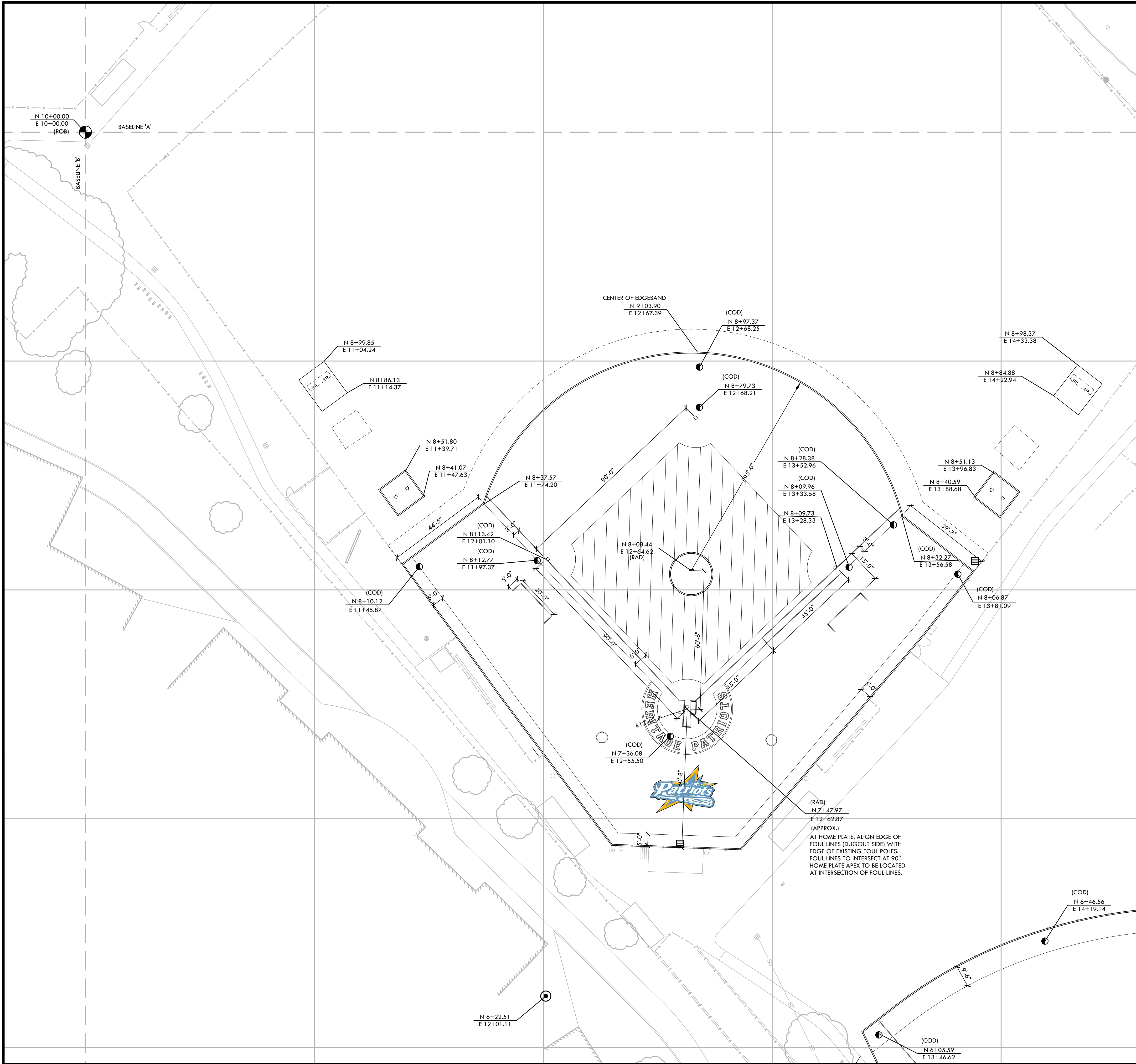
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| BID SUBMITTAL | 05/02/22 |

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DRAWN BY: NN/JJ
 CHECKED BY: DM
 DATE ISSUED: 04/01/2022
 SCALE:
 PROJ. NO.: 2111100
 SHEET NO.: H-L5.2



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LAYOUT NOTES

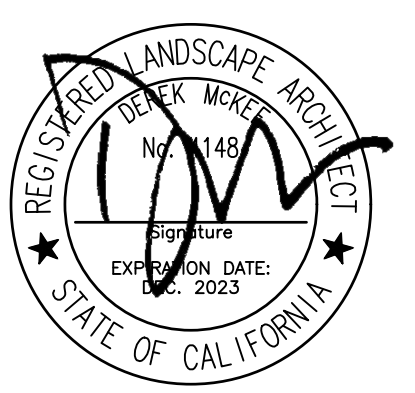
1. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ELEMENTS INCLUDING UTILITY LOCATIONS AND REQUIRED SLEEVING PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS NECESSARY. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCY ARISE AND REDIRECT WORK TO AVOID DELAYS.
2. ALL DIMENSIONS SHALL BE VERIFIED IN FIELD AND CHALKED, STRING LINED OR FLAGGED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY MINOR ADJUSTMENTS MADE TO ACHIEVE OVERALL DESIGN LAYOUT SHALL BE ACCEPTED BY THE OWNER PRIOR TO CONSTRUCTION.
3. LAYOUT IS BASED ON THE POINT(S) OF BEGINNING (P.O.B.) AND BASELINE(S) OR GRID SYSTEM AS SHOWN. DIMENSIONS SHOWN ARE ROUNDED TO THE NEAREST INCH.
4. ALL LAYOUT AND GRADES SHALL BE COMPLETED BY A LICENSED SURVEYOR.

LAYOUT LEGEND

| SYM | DESCRIPTION |
|--------------------------|--|
| | POINT OF BEGINNING SYMBOL |
| | CONTROL POINT |
| | RADIUS POINT / CENTER MARK |
| | PROPOSED ANGLE BETWEEN ELEMENTS |
| | ALIGN EDGES OF ELEMENTS |
| | BASELINE & GRID |
| | CONTROL LINE |
| | CENTER LINES |
| N 12+21.95 E 12+97.08 | NORTHING/EASTING LAYOUT COORDINATE CALLOUT |
| (COD) | CENTER OF DRAIN - NEW JUNCTION BOX |
| (COP) | CENTER OF POST |
| (POB) | POINT OF BEGINNING FOR GRID LAYOUT |
| (RAD) | RADIUS POINT |
| (TAN) | TANGENT POINT |



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STAMP

CONSULTANT

SHEET TITLE

**LAYOUT
 PLAN
 BASEBALL FIELD**

PROJECT NAME

**HERITAGE HIGH SCHOOL
 BASEBALL INFIELD &
 SOFTBALL OUTFIELD
 IMPROVEMENTS**

PROJECT ADDRESS

**101 AMERICAN AVE
 BRENTWOOD, CA
 94513**

| SUBMITTAL | DATE |
|---------------|----------|
| BID SUBMITTAL | 05/02/22 |

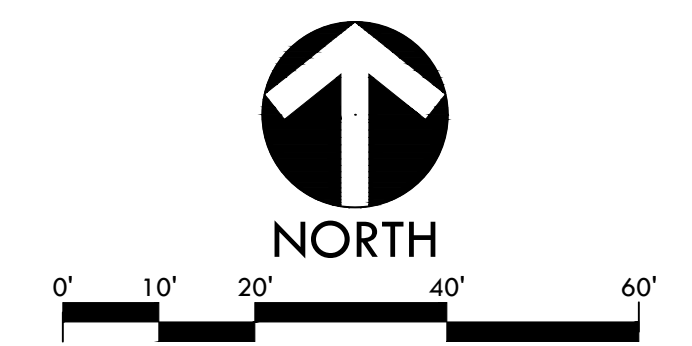
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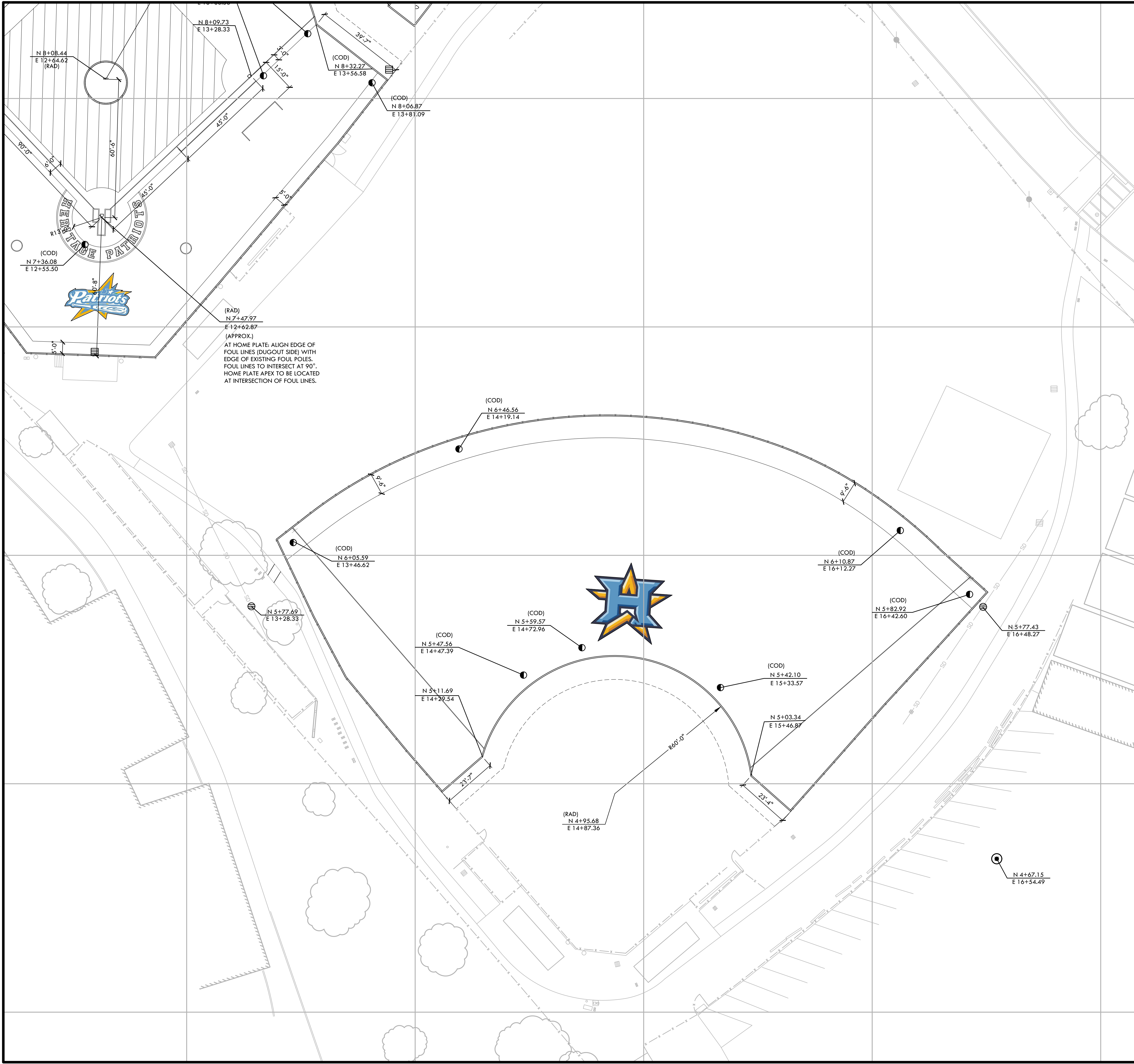
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PROJ. NO. 2111100

SHEET NO. **H-L6.1**



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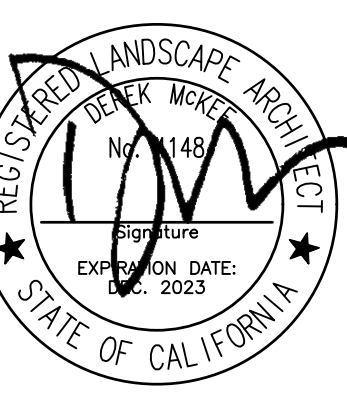


LAYOUT NOTES

1. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ELEMENTS INCLUDING UTILITY LOCATIONS AND REQUIRED SLEEVING PRIOR TO INSTALLATION. VERIFY CRITICAL DIMENSIONS, REFERENCE POINT LOCATIONS AND CONSTRUCTION CONDITIONS PRIOR TO INITIATING CONSTRUCTION. TEMPORARY BENCHMARKS OR REFERENCE POINTS SHALL BE SET BY THE CONTRACTOR AS NECESSARY. NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD DISCREPANCY ARISE AND REDIRECT WORK TO AVOID DELAYS.
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LAYOUT LEGEND

| SYM | DESCRIPTION |
|-----|--|
| | POINT OF BEGINNING SYMBOL |
| | CONTROL POINT |
| | RADIUS POINT / CENTER MARK |
| | PROPOSED ANGLE BETWEEN ELEMENTS |
| | ALIGN EDGES OF ELEMENTS |
| | BASELINE & GRID |
| | CONTROL LINE |
| | CENTER LINES |
| | NORTHING/EASTING LAYOUT COORDINATE CALLOUT |
| | CENTER OF DRAIN - NEW JUNCTION BOX |
| | CENTER OF POST |
| | POINT OF BEGINNING FOR GRID LAYOUT |
| | RADIUS POINT |
| | TANGENT POINT |



STAMP

CONSULTANT

SHEET TITLE
**LAYOUT PLAN
SOFTBALL FIELD**

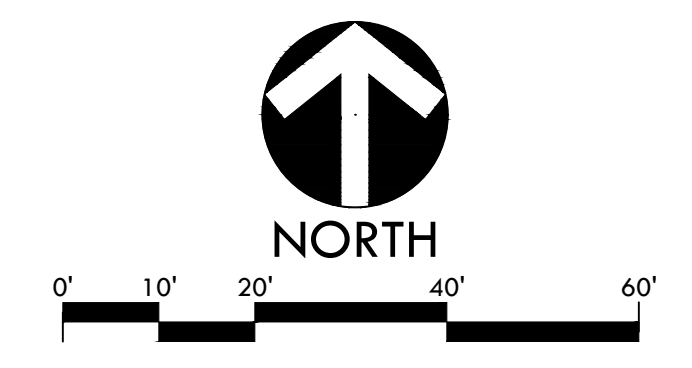
PROJECT NAME
**HERITAGE HIGH SCHOOL
BASEBALL INFIELD &
SOFTBALL OUTFIELD
IMPROVEMENTS**

PROJECT ADDRESS
**101 AMERICAN AVE
BRENTWOOD, CA
94513**

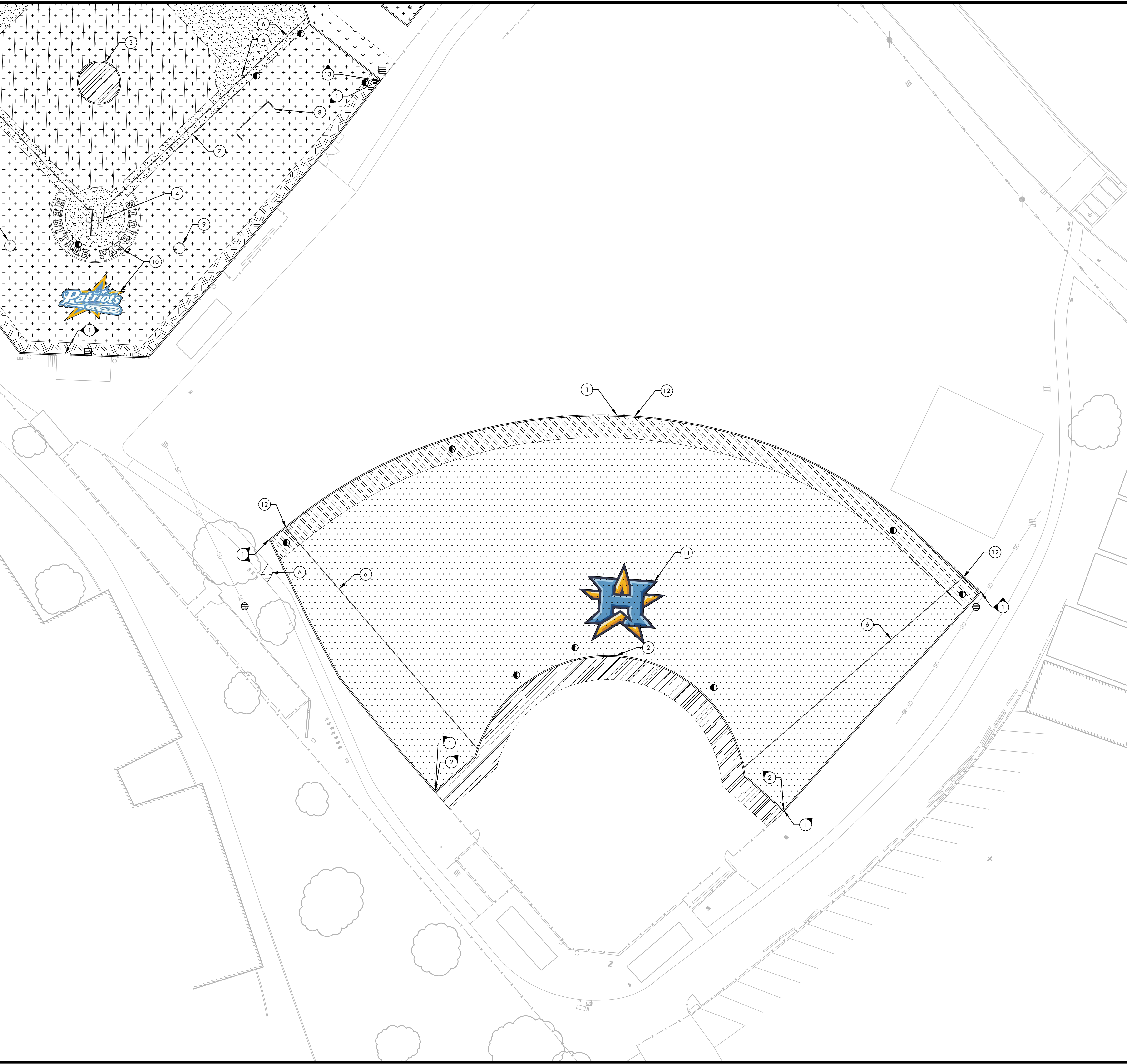
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MATERIAL NOTES

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2. THE INTERFACE OF ALL PROPOSED IMPROVEMENTS TO EXISTING SITE SHALL CONFORM AND BE SMOOTH AND UNIFORM.
3. ALL REINFORCING AND FORMS SHALL BE SECURED IN PLACE AND ACCEPTED BY OWNER'S REPRESENTATIVE PRIOR TO PLACING ANY CONCRETE.
4. ASPHALT SHALL NOT BE INSTALLED UNTIL ALL EDGES AND SITE FURNISHING PADS ARE INSTALLED.

MATERIAL LEGEND

| SYM | DESCRIPTION | DTL REF |
|-----|---|-------------|
| | NATURAL TURF - SOD REFER TO SPECIFICATIONS | |
| | CLAY | F D2.1 |
| | 2" GREEN SYNTHETIC TURF - REFER TO SPECIFICATIONS | E D2.1 |
| | 2" BROWN WARNING TRACK SYNTHETIC TURF - REFER TO SPECIFICATIONS | E D2.1 |
| | 1.75" GREEN SYNTHETIC TURF - REFER TO SPECIFICATIONS | E D2.1 |
| | 1.75" BROWN SYNTHETIC TURF - REFER TO SPECIFICATIONS | E D2.1 |
| | 1.75" BROWN WARNING SYNTHETIC TURF - REFER TO SPECIFICATIONS | E D2.1 |
| A | ASPHALT PAVING - REFER TO SPECIFICATIONS | I D2.1 |
| 1 | CONCRETE SUB-CURB - SYNTHETIC TURF CONNECTION | C D2.1 |
| 2 | 6" WIDE SYNTHETIC TURF EDGE BAND AT INFIELD FINES | D D2.1 |
| 3 | BASEBALL PITCHER'S MOUND | B D3.1 |
| 4 | HOME PLATE AREA - REFER TO SPECIFICATIONS | ACB D3.1 |
| 5 | BASES - REFER TO SPECIFICATIONS BASE PAD LOCATION WITH SINGLE ANCHOR BASE SLEEVE | DF D3.1 |
| 6 | FOUL LINE STRIPING | A D3.1 |
| 7 | RUNNER'S LANE STRIPING | A D3.1 |
| 8 | COACHES' BOX STRIPING | A D3.1 |
| 9 | ON DECK CIRCLE STRIPING | A D3.1 |
| 10 | BASEBALL HOME PLATE LOGOS | C D3.2 |
| 11 | SOFTBALL OUTFIELD LOGO | C D3.2 |
| 12 | OUTFIELD DISTANCE MARKER | G D3.1 |
| 13 | 6" WIDE SYNTHETIC TURF EDGE BAND AT NATURAL TURF | H D2.1 |
| 14 | BASEBALL BULLPEN | A D3.2 |

VERDE DESIGN
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CONSULTANT

SHEET TITLE

**MATERIALS AND
 DETAIL REFERENCE
 PLAN
 SOFTBALL FIELD**

PROJECT NAME

**HERITAGE HIGH SCHOOL
 BASEBALL INFIELD &
 SOFTBALL OUTFIELD
 IMPROVEMENTS**

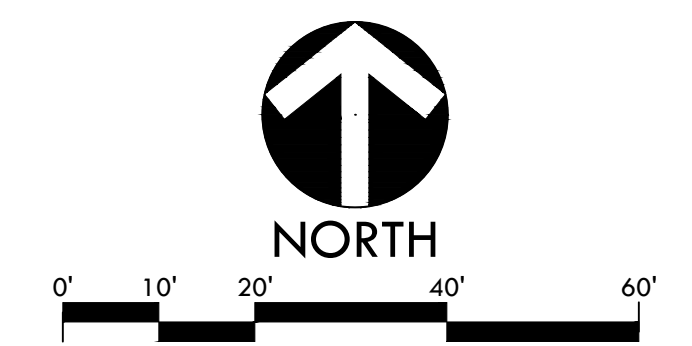
PROJECT ADDRESS

**101 AMERICAN AVE
 BRENTWOOD, CA
 94513**

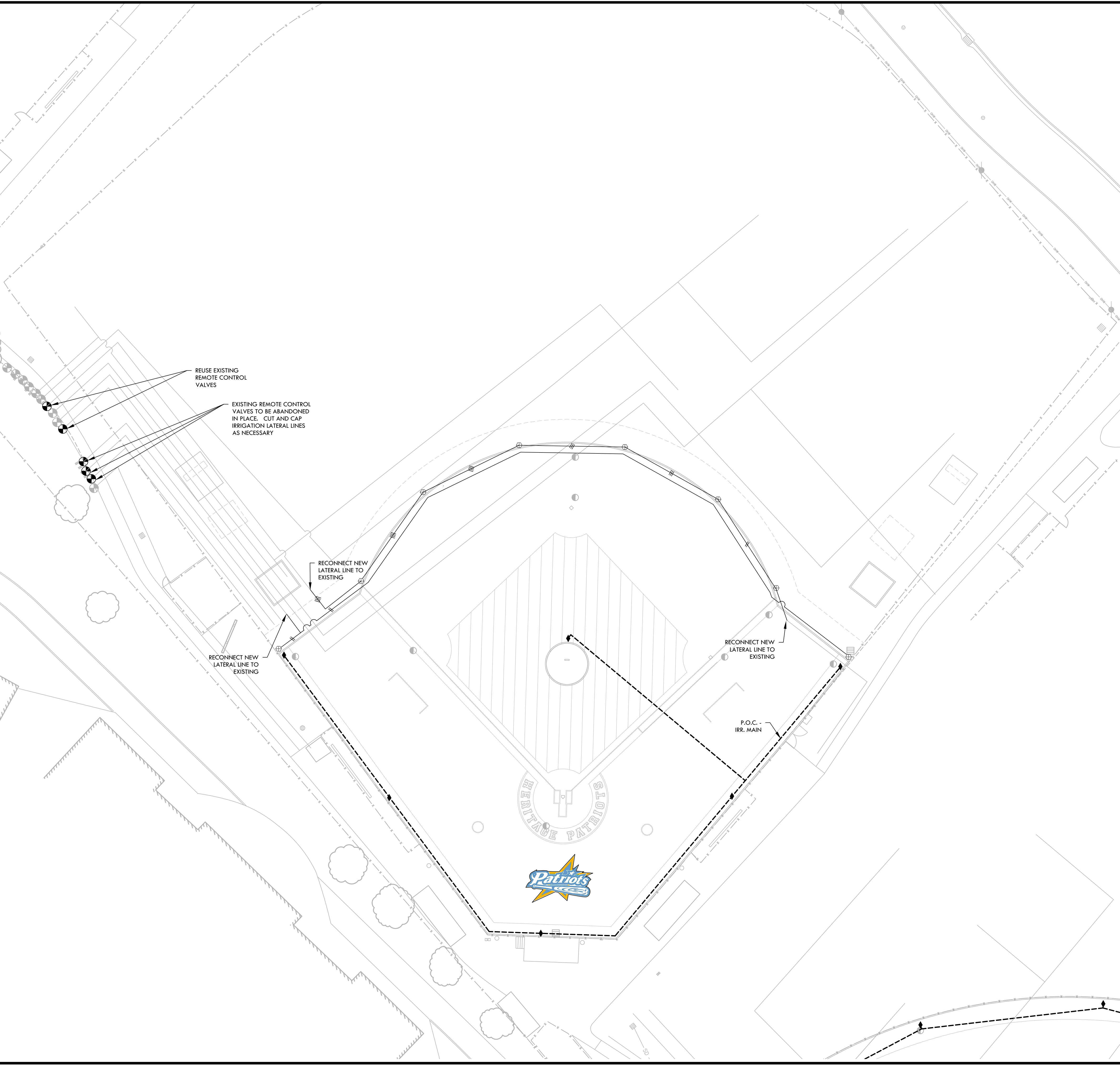
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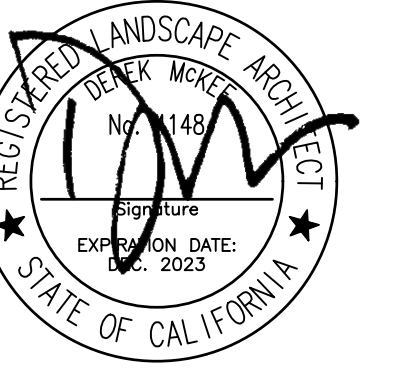


IRRIGATION NOTES

1. THIS SYSTEM IS DESIGNED TO OPERATE AT A MAXIMUM FLOW OF (300) GPM WITH A MINIMUM (80) STATIC P.S.I. AT THE POINT OF CONNECTION. CONTRACTOR SHALL VERIFY PRESSURE PRIOR TO BEGINNING WORK. CONTACT OWNER IMMEDIATELY SHOULD DISCREPANCY ARISE AND RE-DIRECT WORK TO AVOID DELAY.
2. IRRIGATION SYSTEM DESIGN IS DIAGRAMMATIC. WHERE PIPING, VALVES, QUICK COUPLERS, ETC. ARE SHOWN OUTSIDE PLANTING AREAS, OR LIMIT OF WORK; INTENT IS FOR PIPING, VALVES, ETC., TO BE INSTALLED WITHIN PLANTING AREAS OF PROPERTY. INDICATE EXACT LOCATIONS OF IRRIGATION EQUIPMENT ON RECORD DRAWINGS. REFER TO SPECIFICATIONS.
3. CONTRACTOR SHALL PROGRAM CONTROLLER TO ENSURE PROPER IRRIGATION. BASED ON PLANT TYPE, EXPOSURE AND SEASON.
4. CONTRACTOR SHALL USE EXTREME CARE WHERE IT IS NECESSARY TO TRENCH NEAR EXISTING TREES. EXCAVATION IN AREAS EXHIBITING ROOT 3" AND LARGER SHALL BE DONE BY HAND. ROOTS 2" OR LARGER IN DIAMETER DAMAGED IN CONSTRUCTION SHALL BE CLEANLY CUT.
5. CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO HEAD LOCATIONS IN FIELD AS NECESSARY.
6. CONTRACTOR SHALL REFER TO DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
7. ALL IRRIGATION COMPONENTS SHALL HAVE RECYCLED WATER IDENTIFIERS EXCEPT IRRIGATION BOXES. REFER TO SPECIFICATIONS.
8. ALL OUTFIELD IRRIGATION IS TO BE KEPT OPERATIONAL.

IRRIGATION LEGEND

| SYM. | MANUFAC. | MODEL NO./ DESCRIPTION | DTL REF |
|--------------------|---|---|---------------|
| ◆ | TORO | 100-2SL-VLC QUICK COUPLER VALVE IN SYNTHETIC TURF | (B) (D4.1) |
| ⊕ | RAINBIRD | 5004-PC POP-UP ROTOR | (F) (D4.1) |
| --- | MAIN LINE | 2" AND SMALLER: SCHEDULE 40 PVC PIPE WITH SOLVENT-WELD FITTINGS. 2-1/2" AND 4": CLASS 200 PVC PIPE WITH RING-TITE CONNECTIONS | (A) (D4.1) |
| --- | LATERAL LINE | 1" LATERAL LINE - SCHEDULE 40 PVC PIPE, WITH SOLVENT-WELD FITTINGS, WITH 18" COVER, | (A) (D4.1) |
| --- | LATERAL LINE | 1-1/4" LATERAL LINE - SCHEDULE 40 PVC PIPE, WITH SOLVENT-WELD FITTINGS, WITH 18" COVER, | (A) (D4.1) |
| --- | LATERAL LINE | 1-1/2" LATERAL LINE - SCHEDULE 40 PVC PIPE, WITH SOLVENT-WELD FITTINGS, WITH 18" COVER, | (A) (D4.1) |
| --- | LATERAL LINE | 2" LATERAL LINE - SCHEDULE 40 PVC PIPE, WITH SOLVENT-WELD FITTINGS, WITH 18" COVER, | (A) (D4.1) |
| --- | LATERAL LINE | 2-1/2" LATERAL LINE - SCHEDULE 40 PVC PIPE, WITH SOLVENT-WELD FITTINGS, WITH 18" COVER, | (A) (D4.1) |
| --- | EXISTING LATERAL LINE TO REMAIN TO REMAIN AND BE PROTECTED | | |
| --- | EXISTING IRRIGATION MAIN LINE PER AS-BUILT DRAWINGS. SHOWN FOR REFERENCE. CONTRACTOR TO VERIFY LOCATION IN FIELD. | | |
| ⊕ | EXISTING IRRIGATION CONTROL VALVE | | |
| P.O.C. - IRR. MAIN | POINT OF CONNECTION - IRRIGATION MAIN LINE - TIE PROPOSED MAIN LINE TO EXISTING MAIN LINE. CONTRACTOR SHALL VERIFY LOCATION OF EXISTING MAIN LINE AND WATER PRESSURE. PROVIDE STATIC WATER PRESSURE RATING TO OWNER'S REPRESENTATIVE. | | |



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CONSULTANT

SHEET TITLE

**IRRIGATION PLAN
BASEBALL FIELD**

PROJECT NAME

**HERITAGE HIGH SCHOOL
BASEBALL INFIELD &
SOFTBALL OUTFIELD
IMPROVEMENTS**

PROJECT ADDRESS

**101 AMERICAN AVE
BRENTWOOD, CA
94513**

SUBMITTAL

DATE

BID SUBMITTAL

05/02/22

NO.

REVISIONS

DATE

DRAWN BY

CHECKED BY

NN/JJ

DM

DATE ISSUED

SCALE

04/01/2022

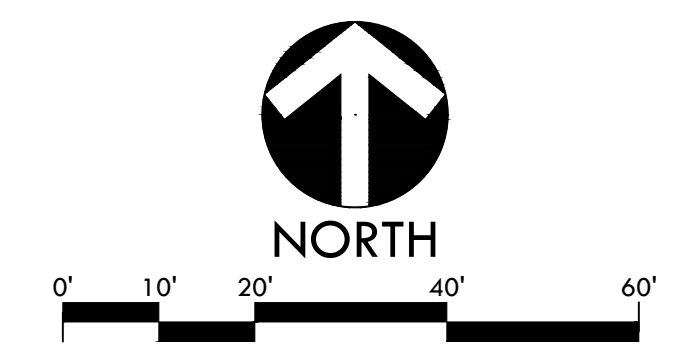
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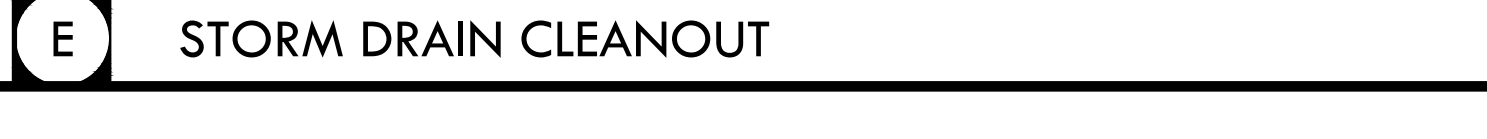
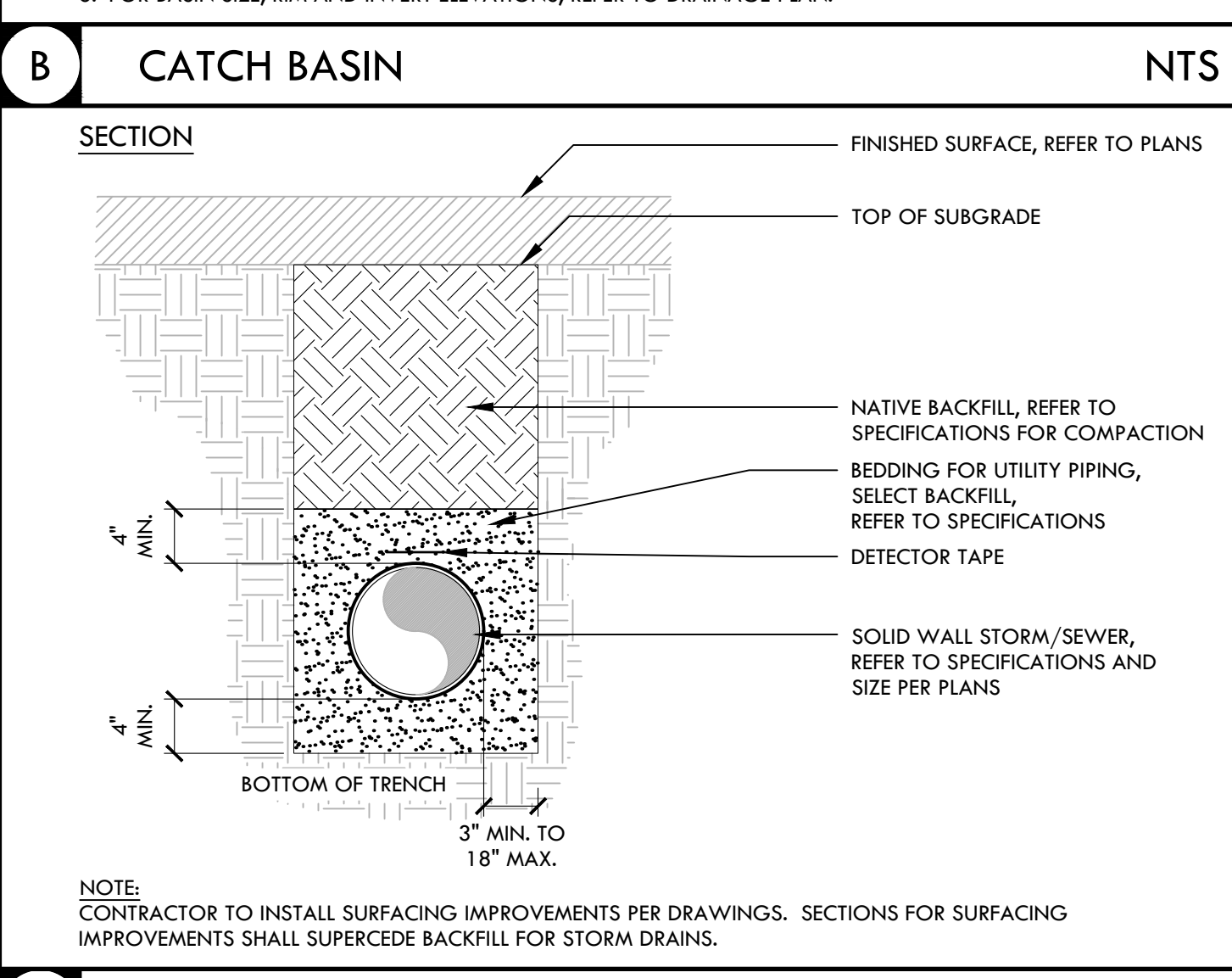
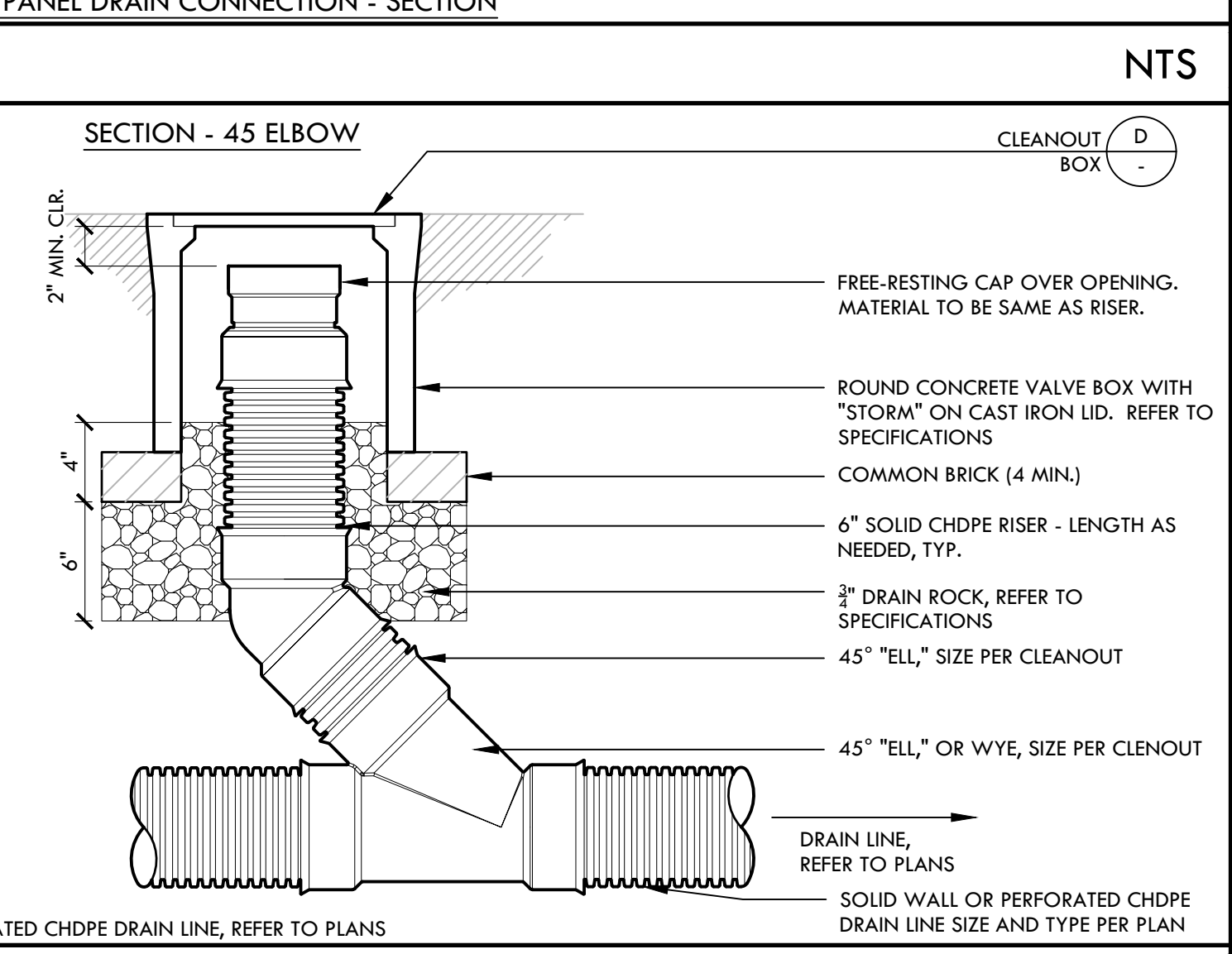
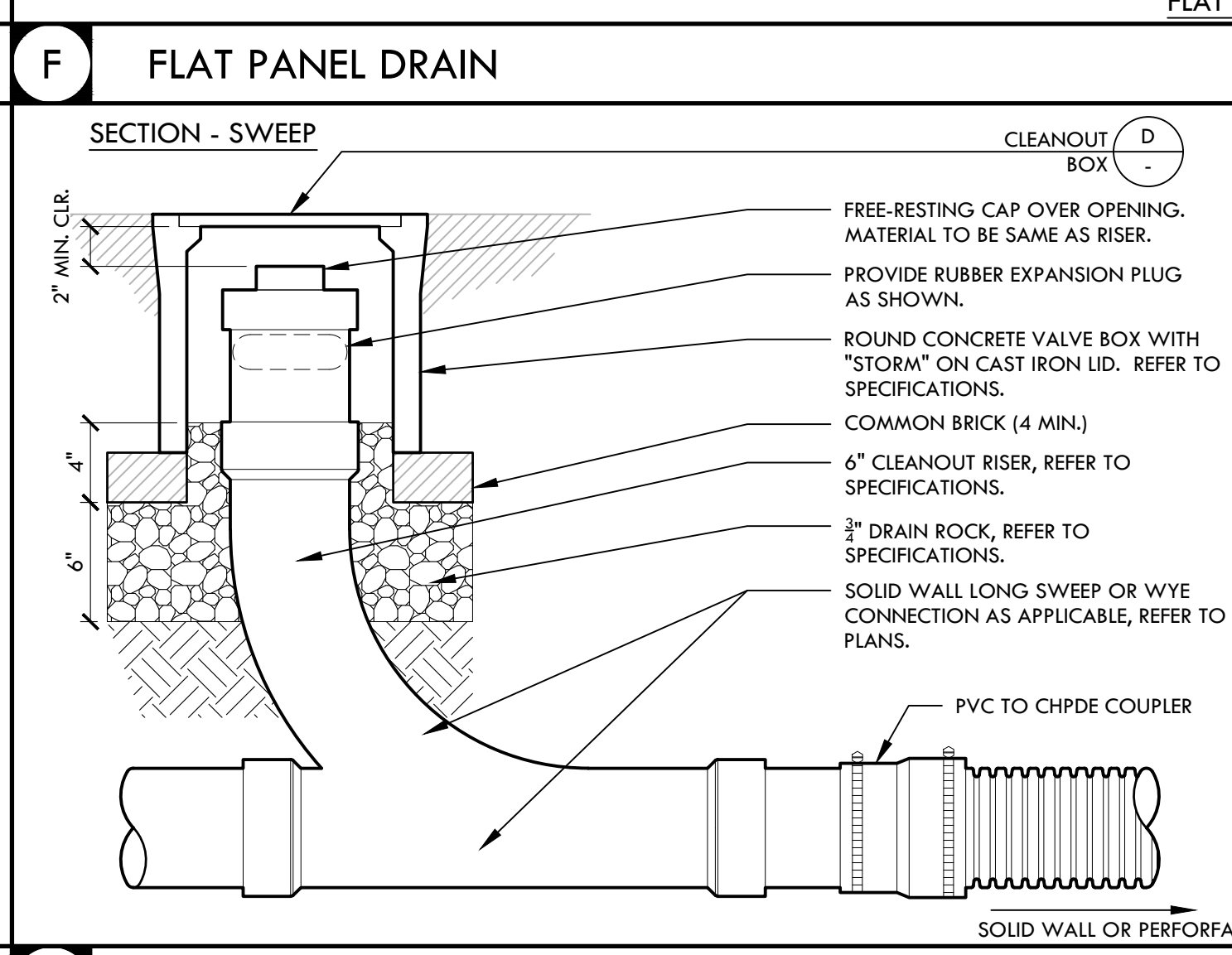
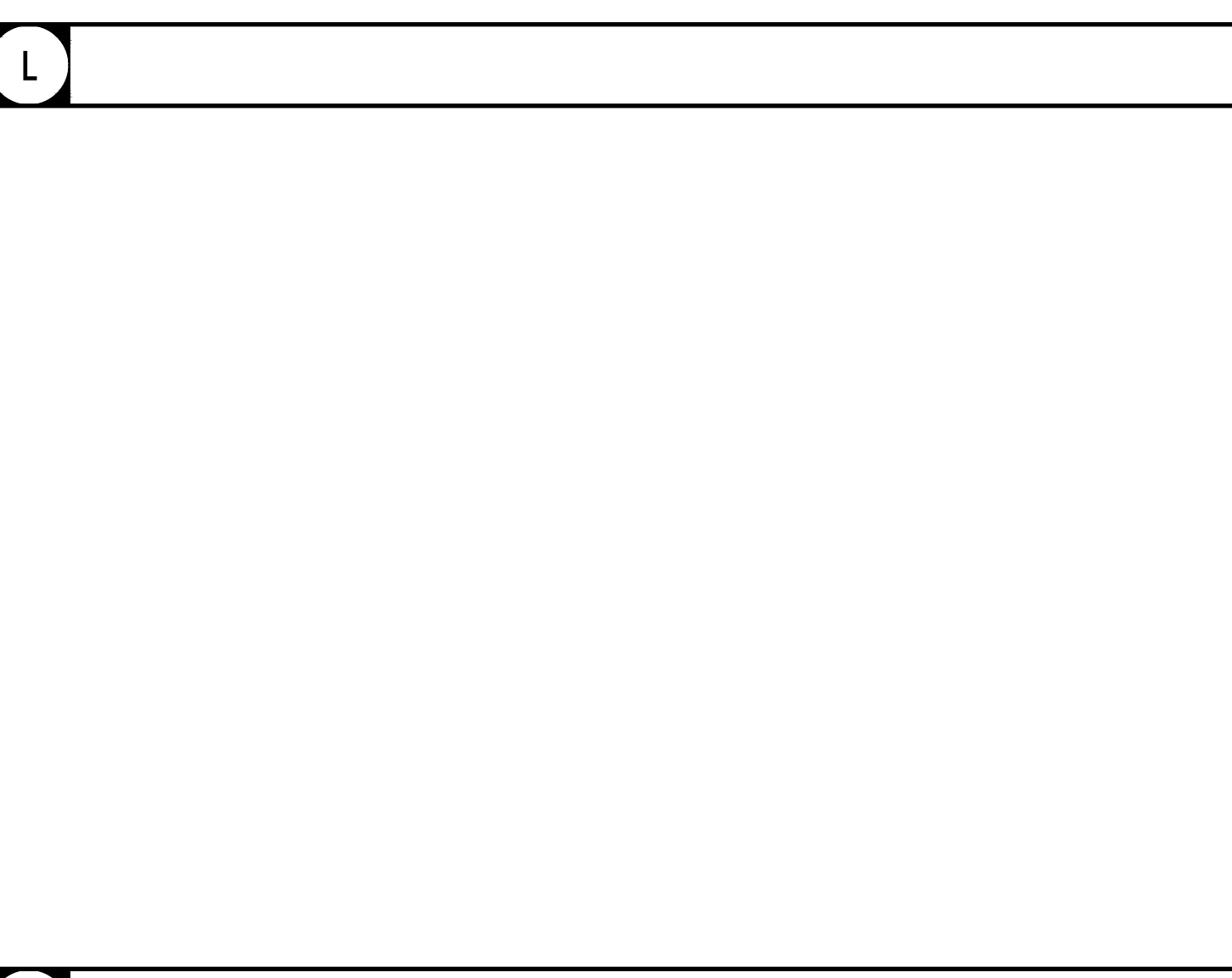
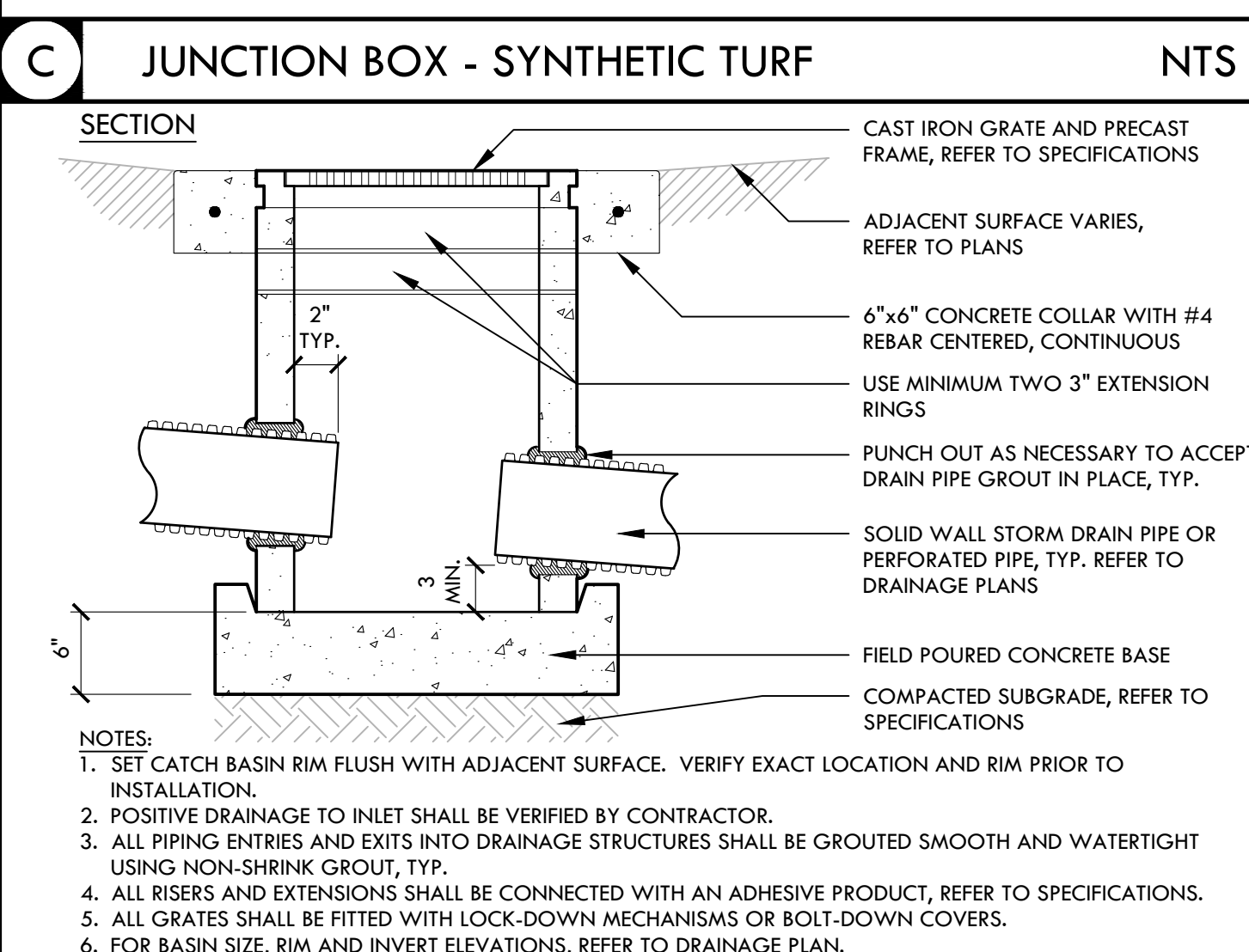
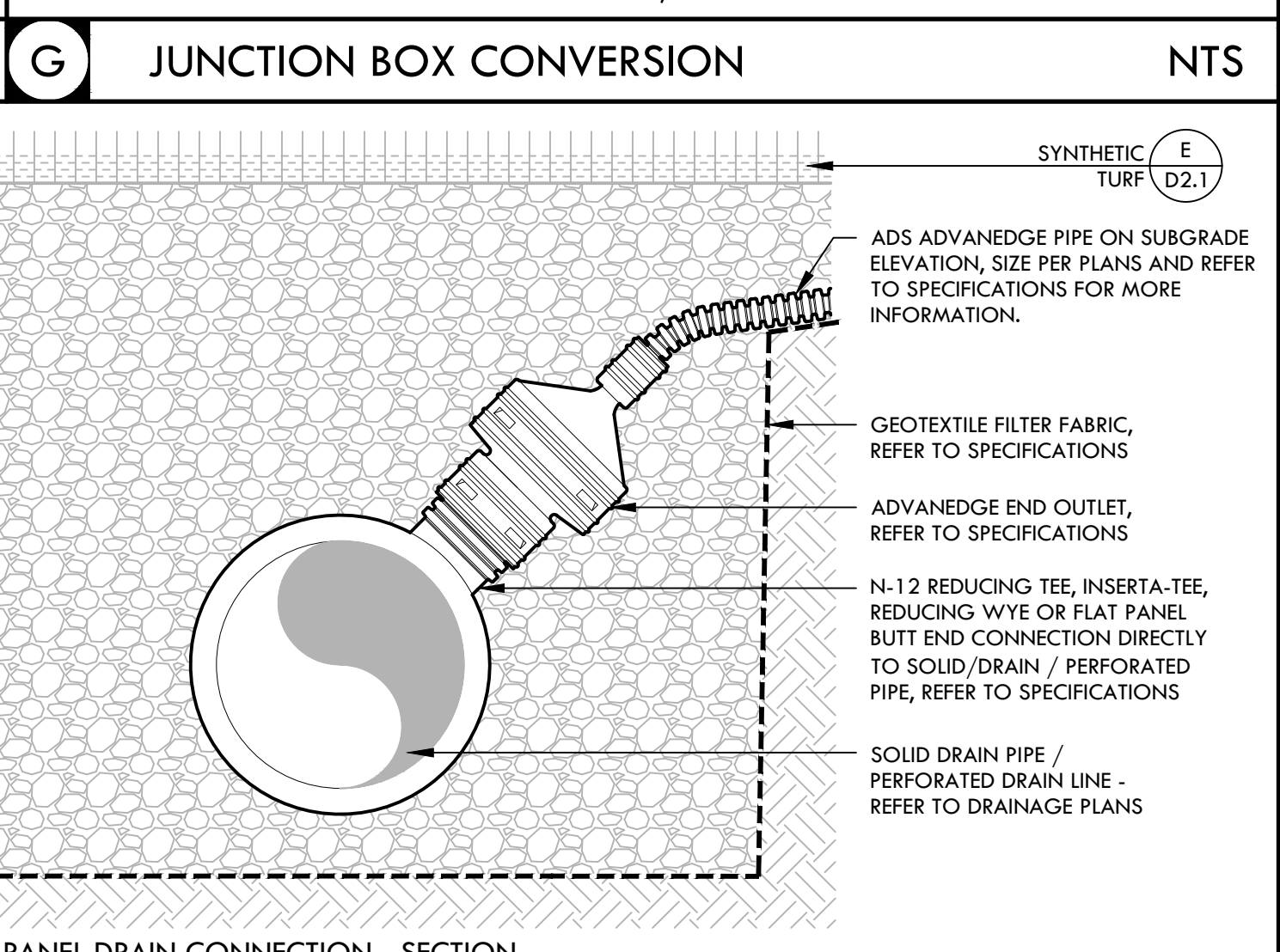
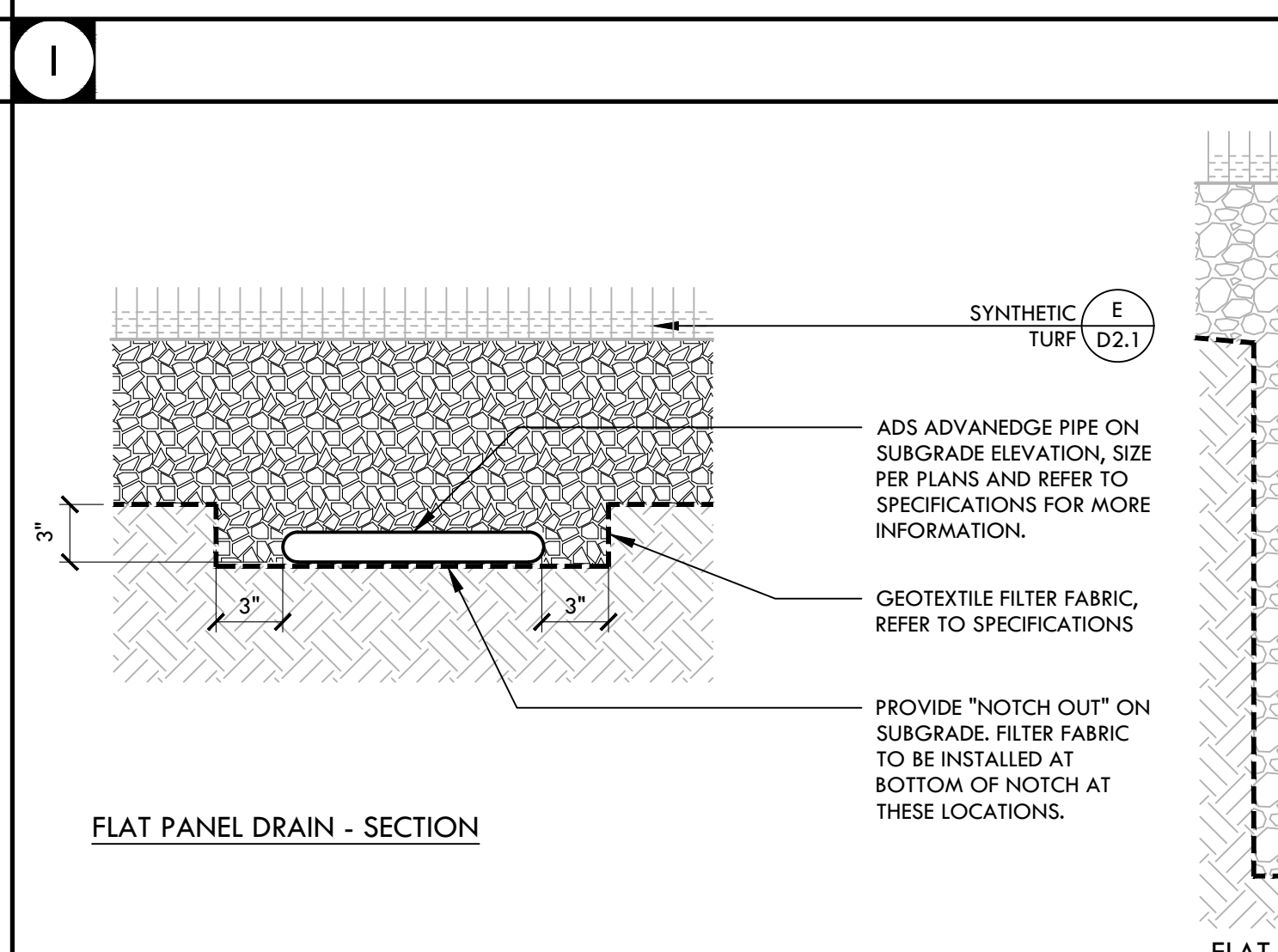
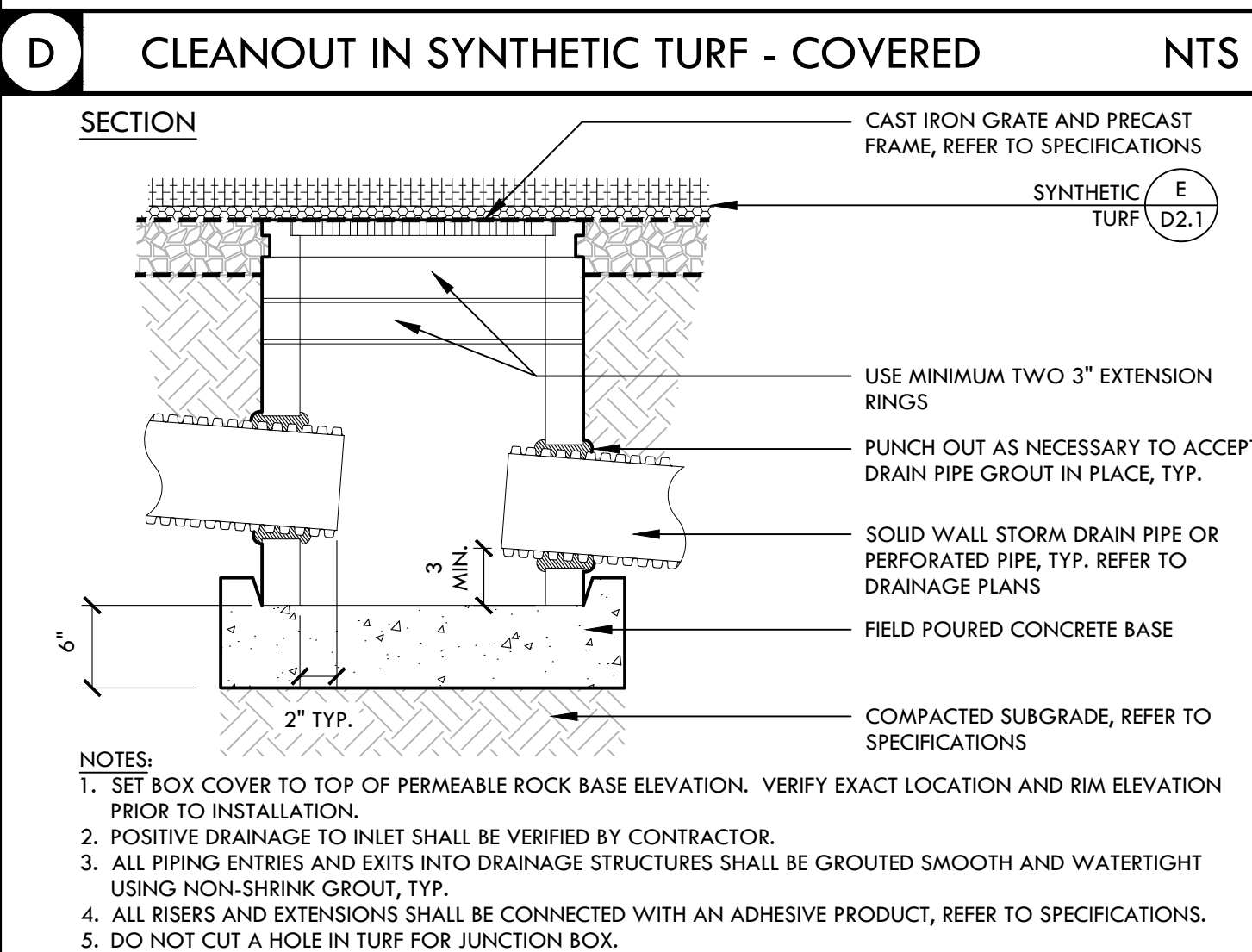
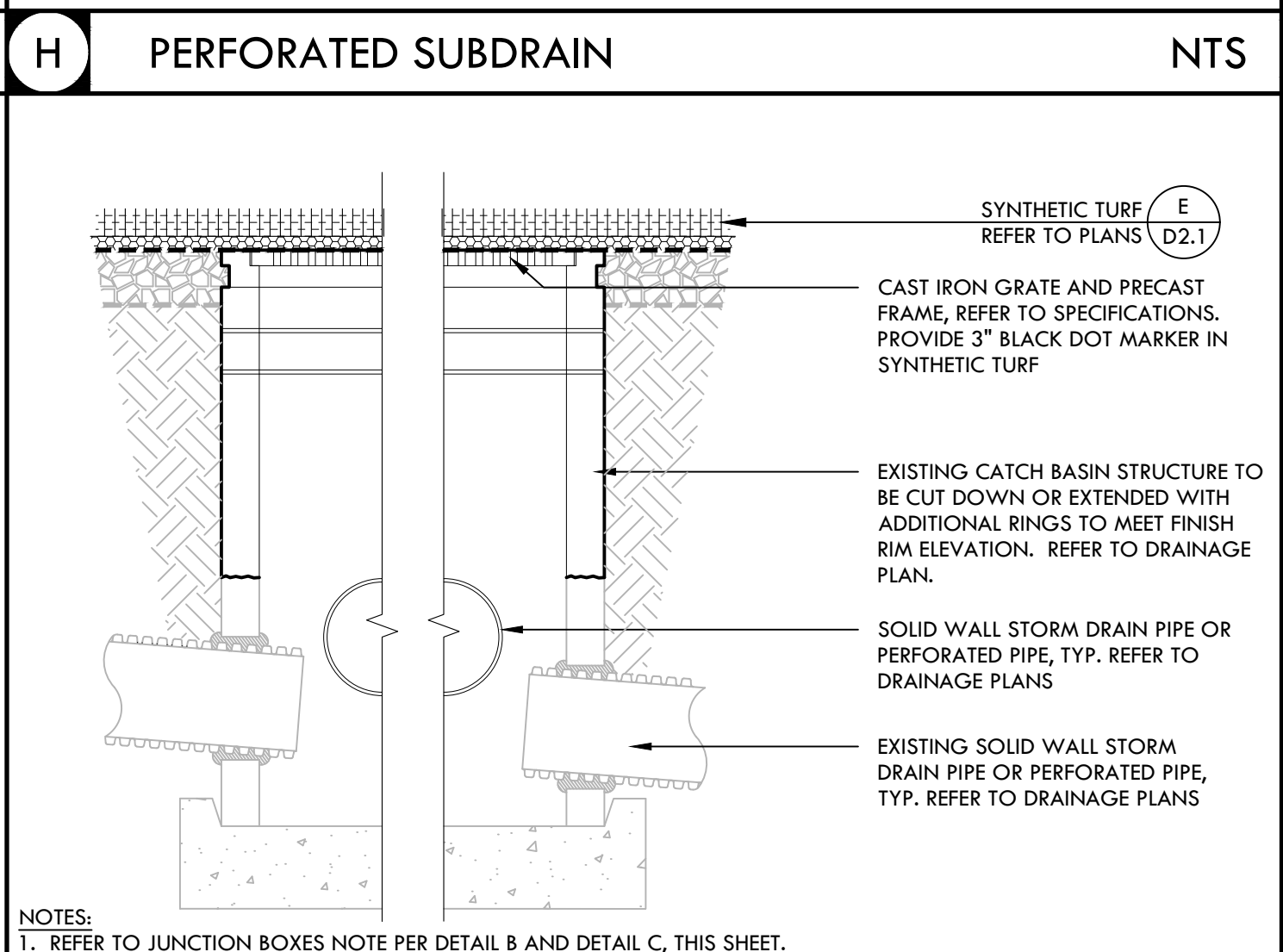
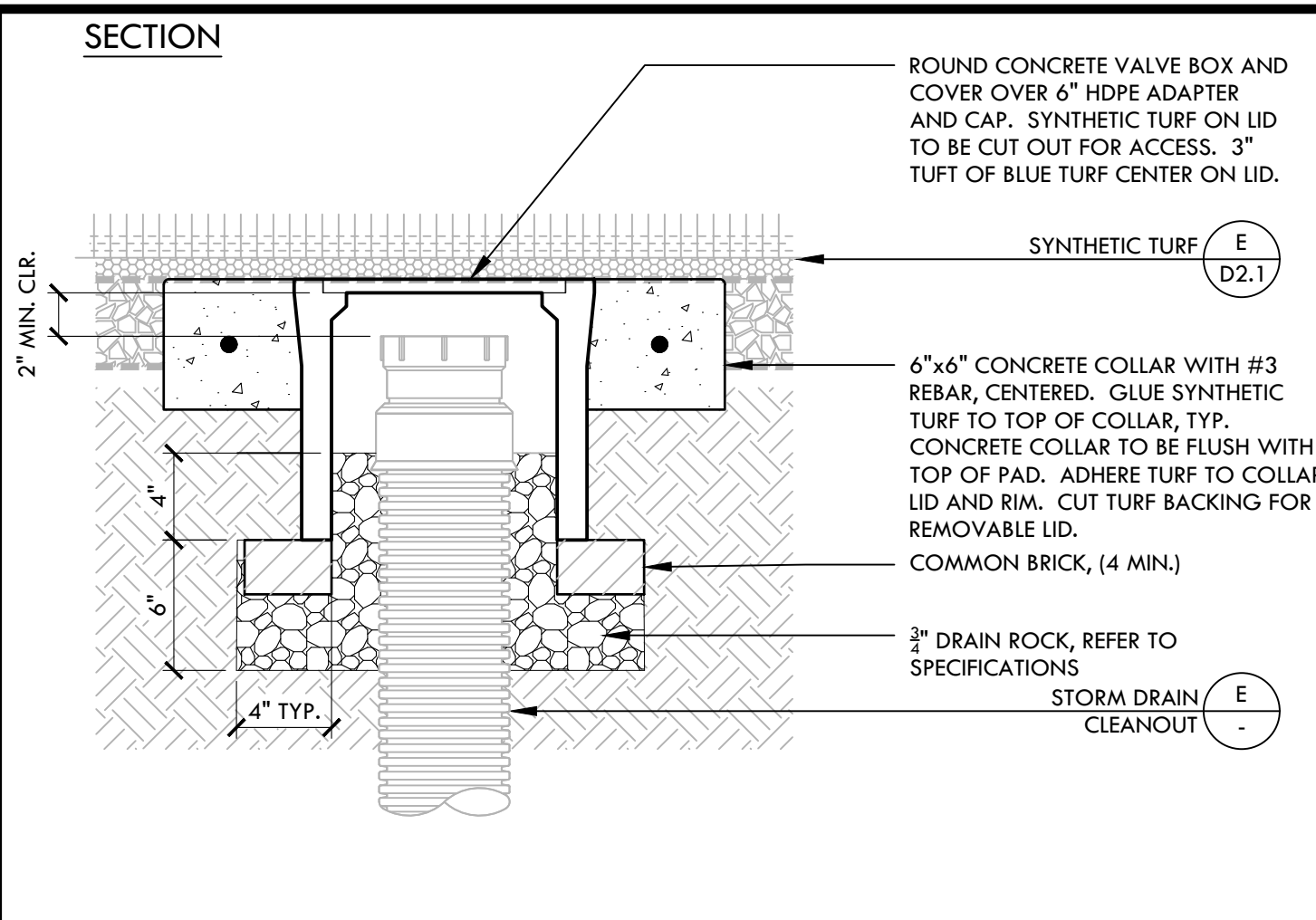
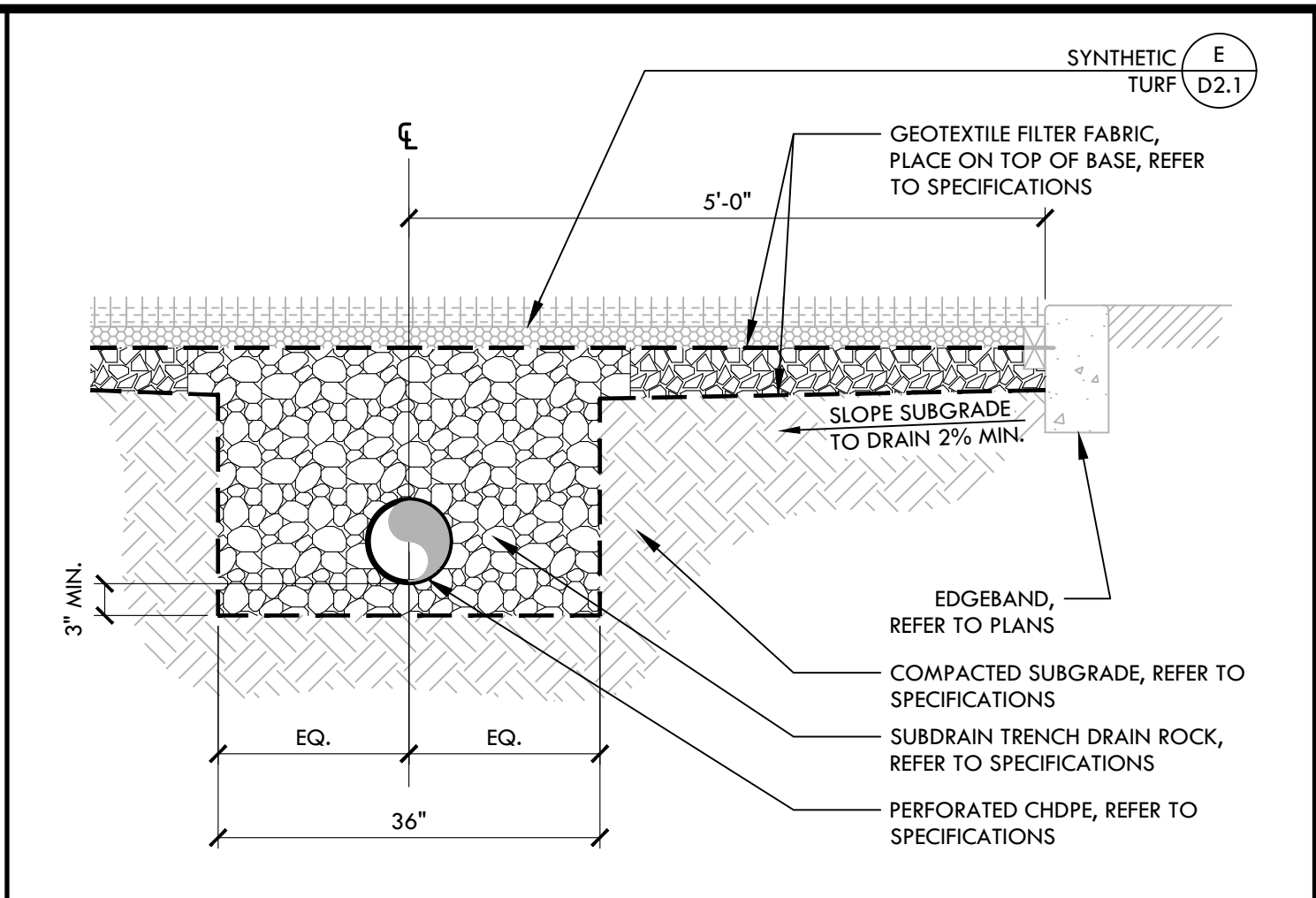
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SHEET NO.

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CONSULTANT
 SHEET TITLE
DRAINAGE AND UTILITY DETAILS

PROJECT NAME
LIBERTY UNION HIGH SCHOOL DISTRICT BASEBALL INFIELD & SOFTBALL OUTFIELD IMPROVEMENTS

PROJECT ADDRESS
BRENTWOOD & OAKLEY, CA

| | |
|---------------|----------|
| SUBMITTAL | DATE |
| BID SUBMITTAL | 05/02/22 |

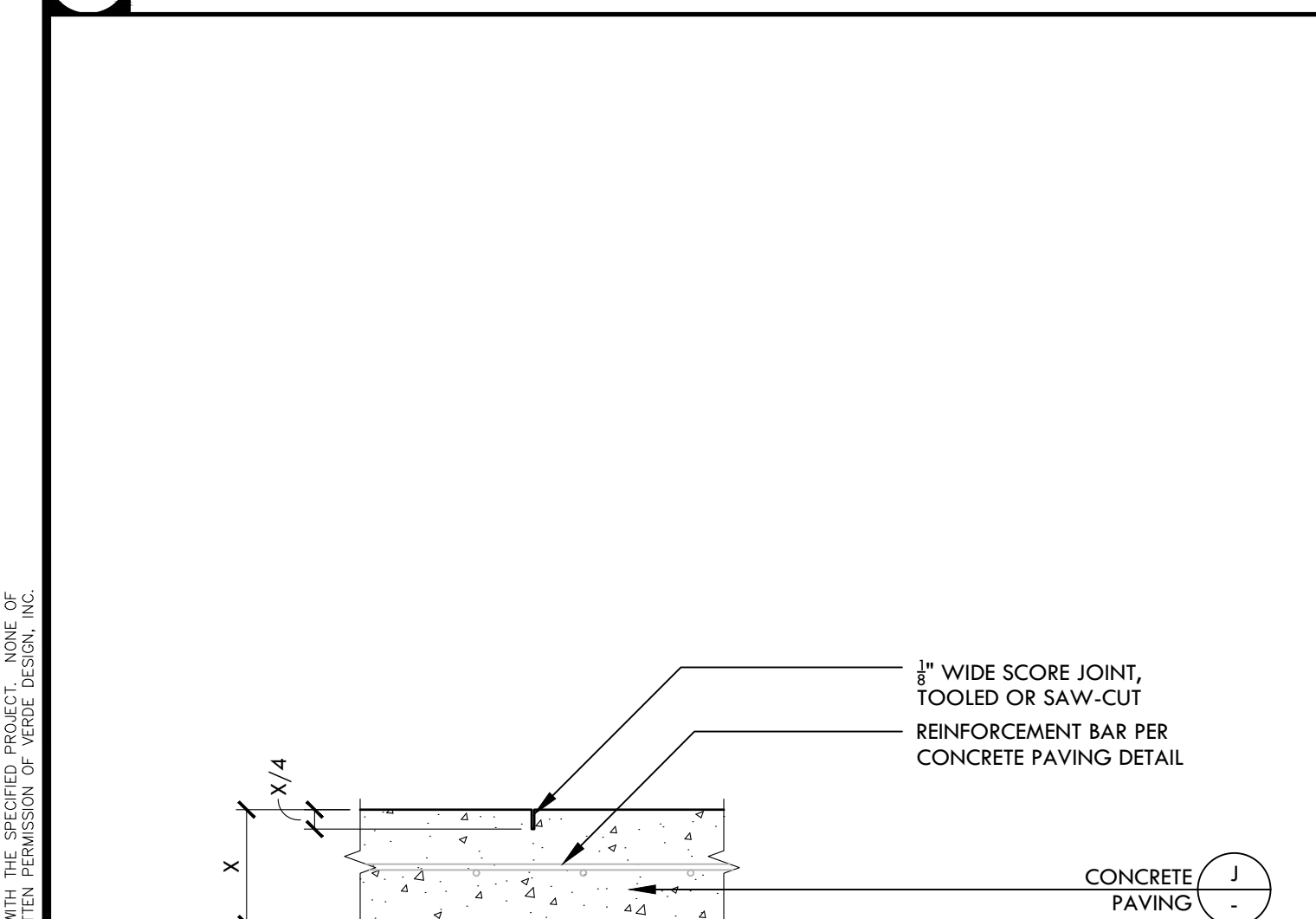
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| DATE ISSUED 01/17/2022 | SCALE AS NOTED |
| PROJ. NO. 2111100 | SHEET NO. D1.1 |

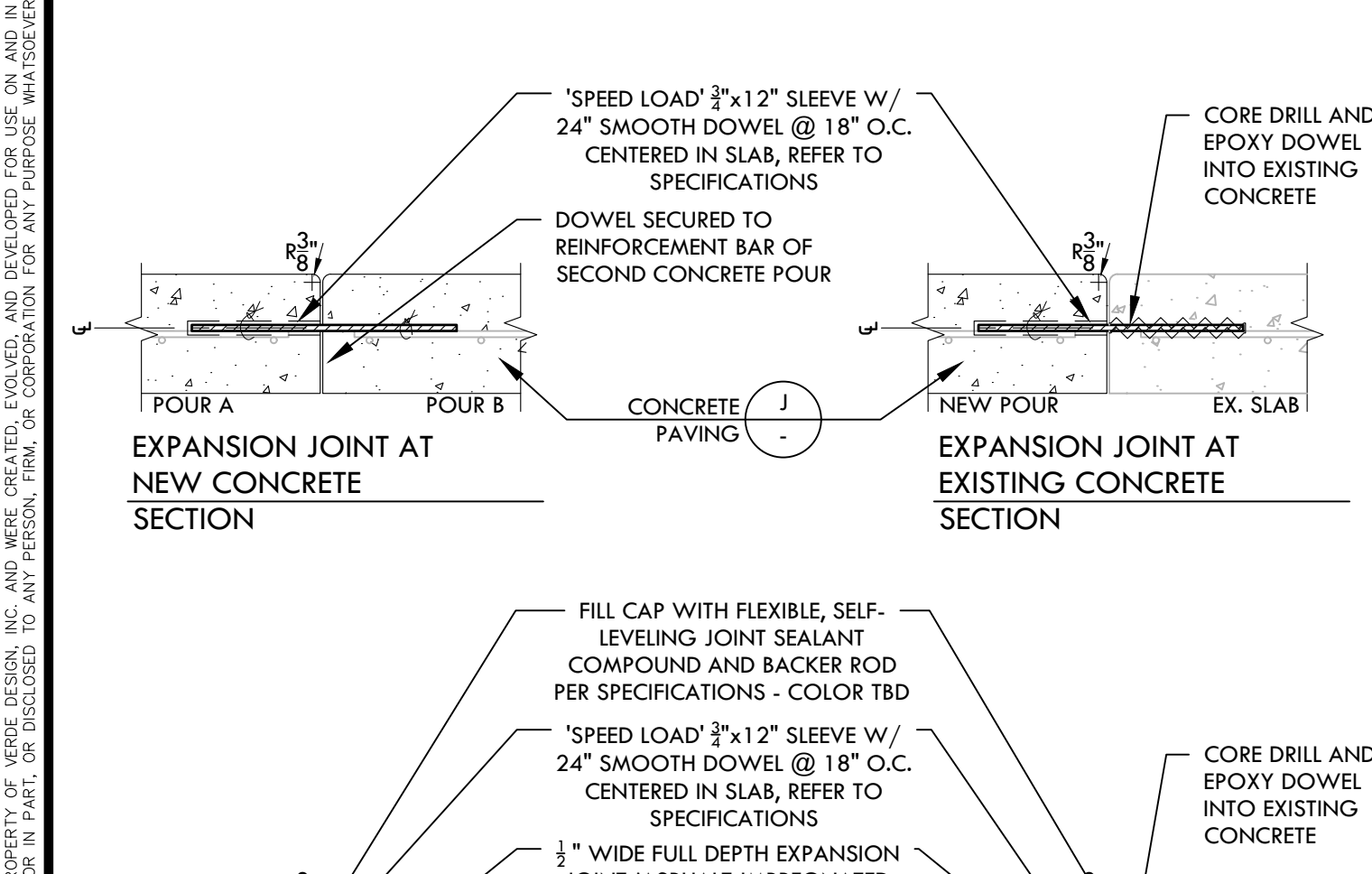
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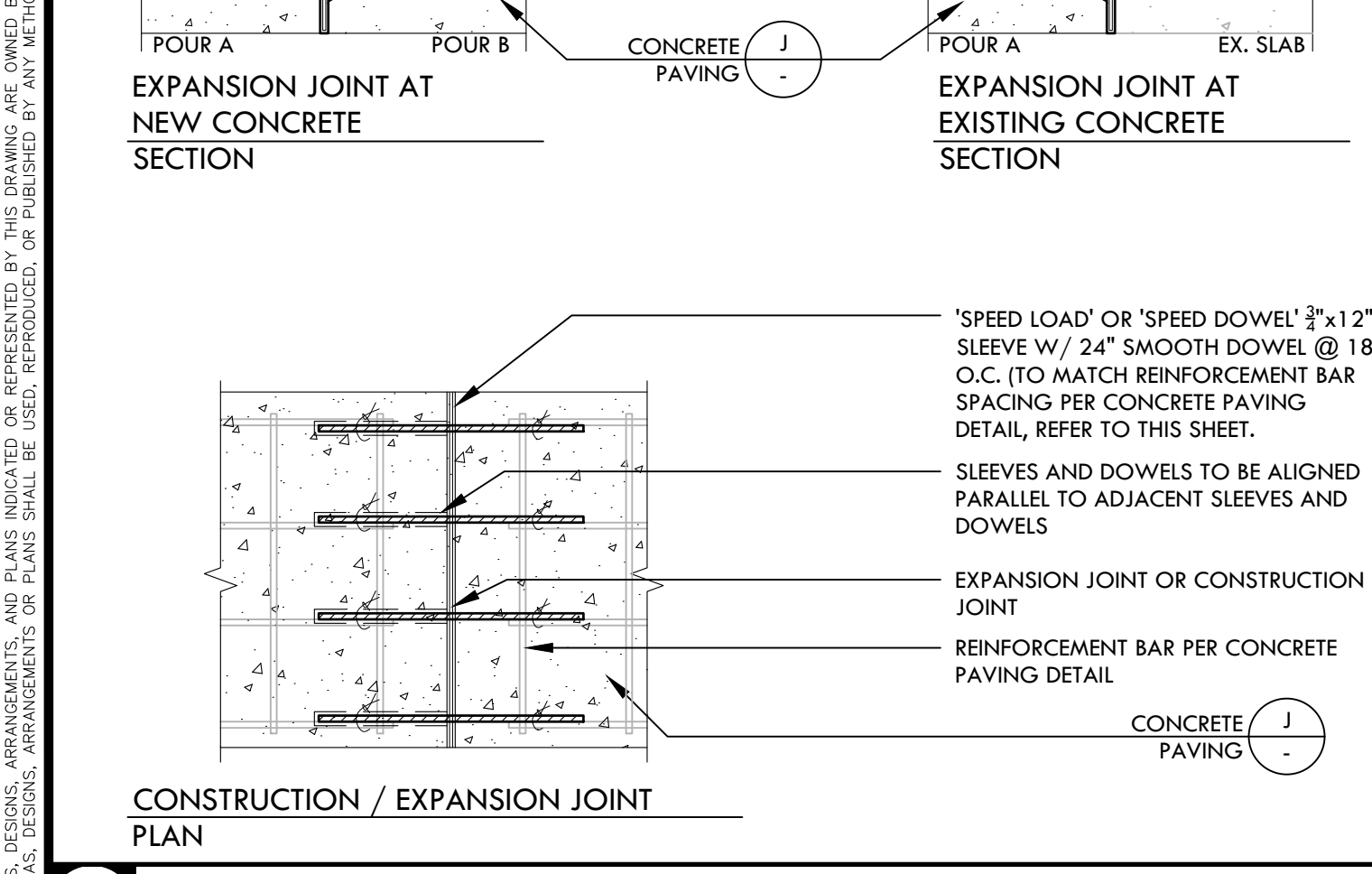
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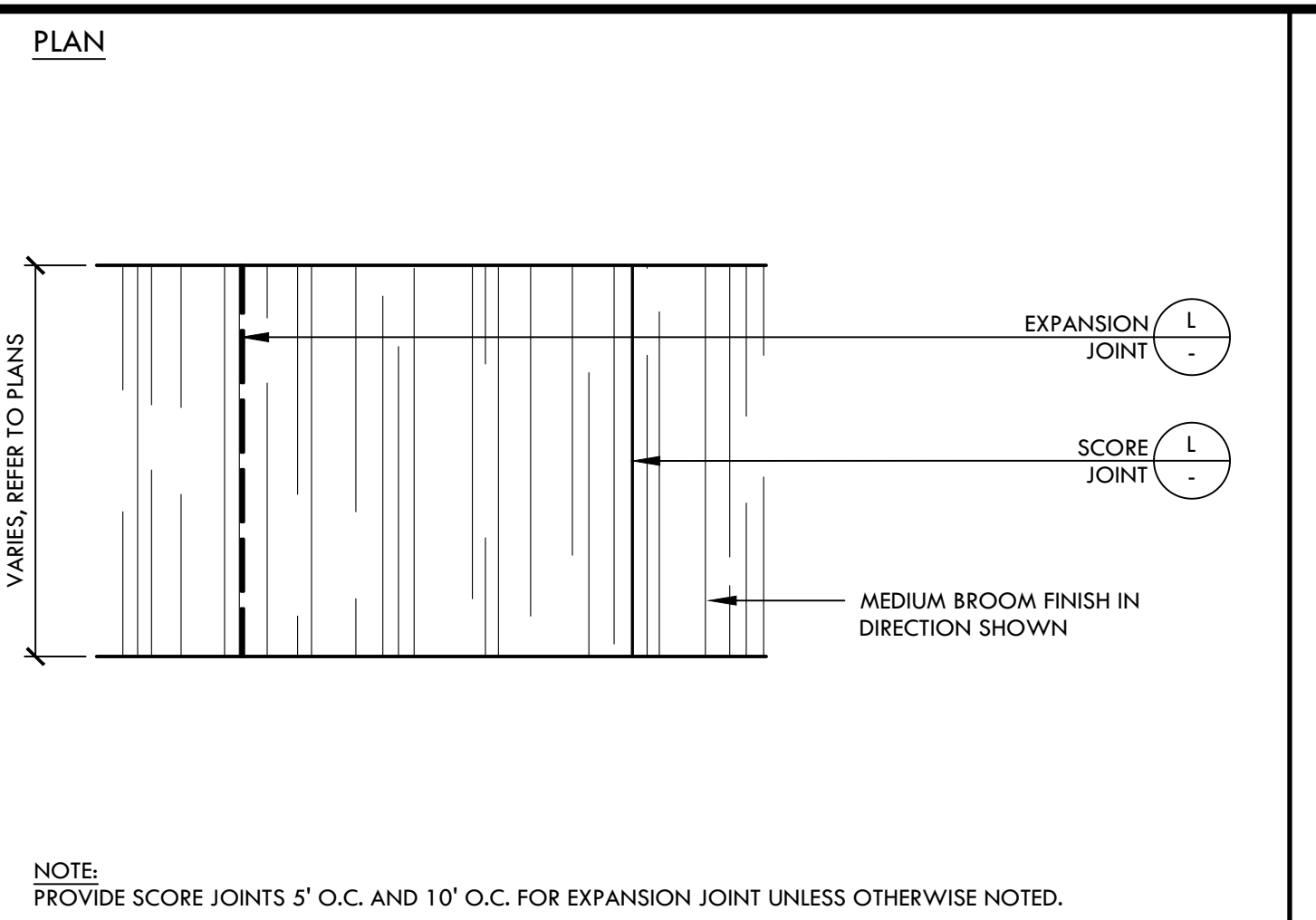


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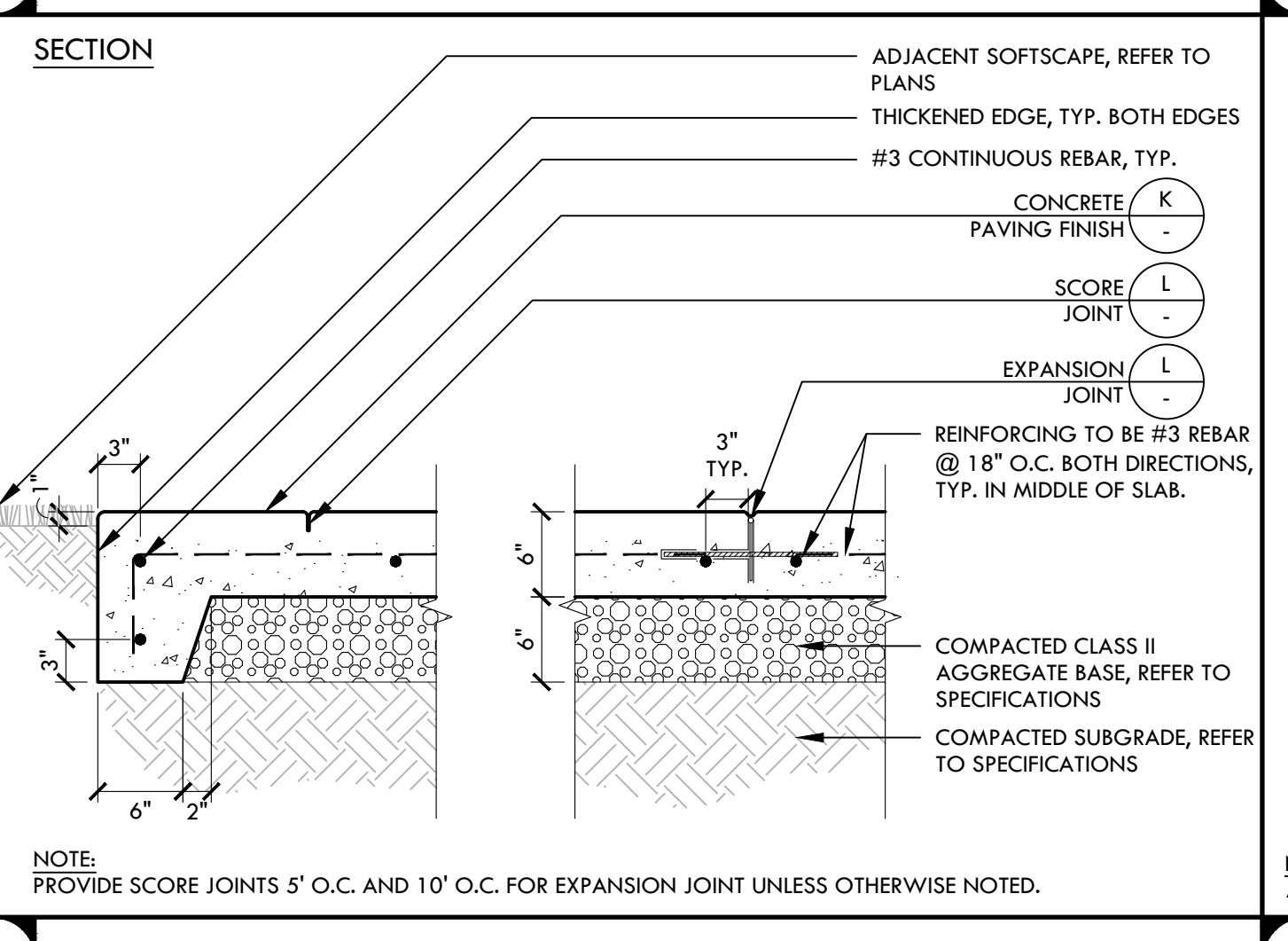


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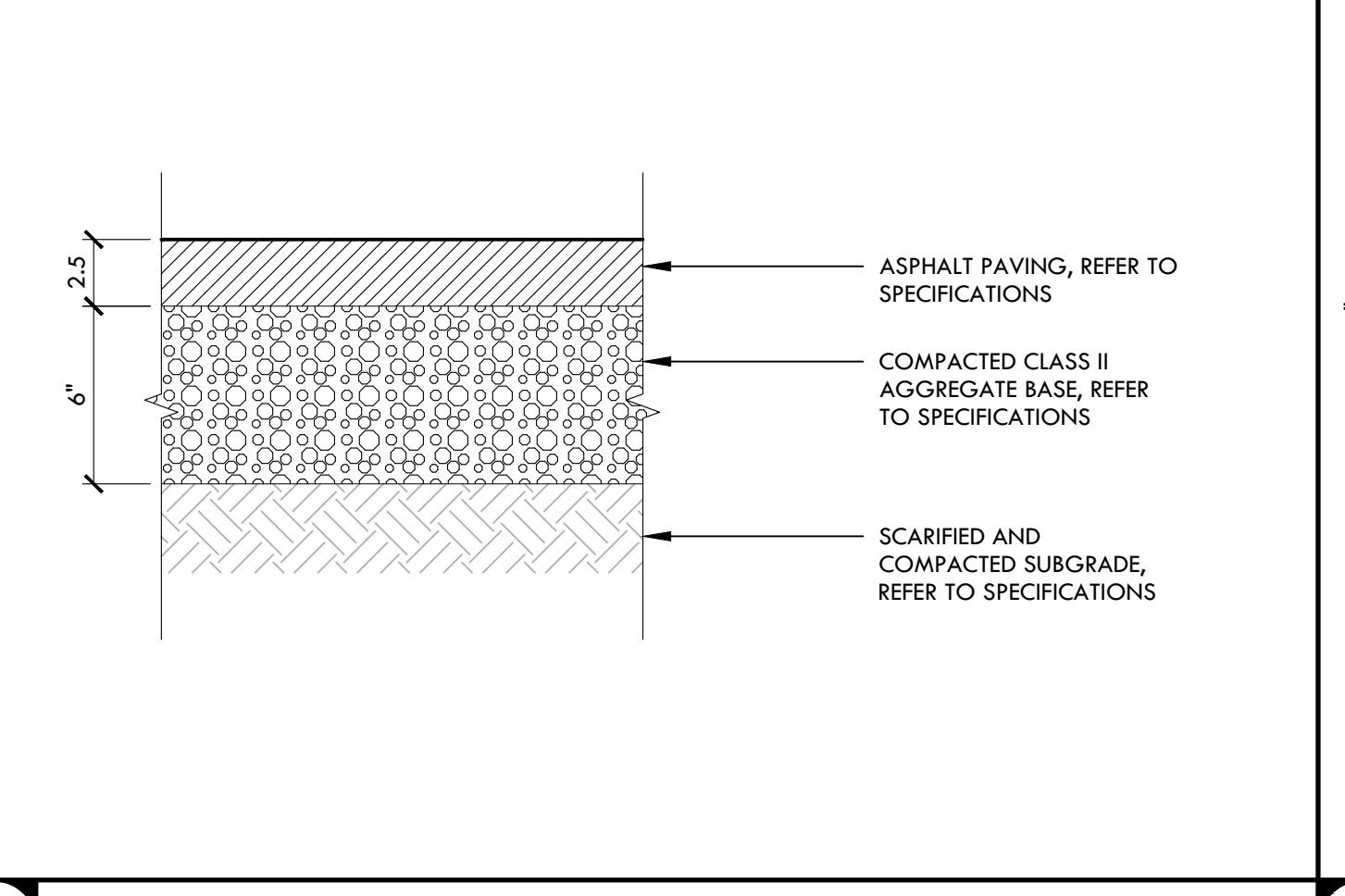
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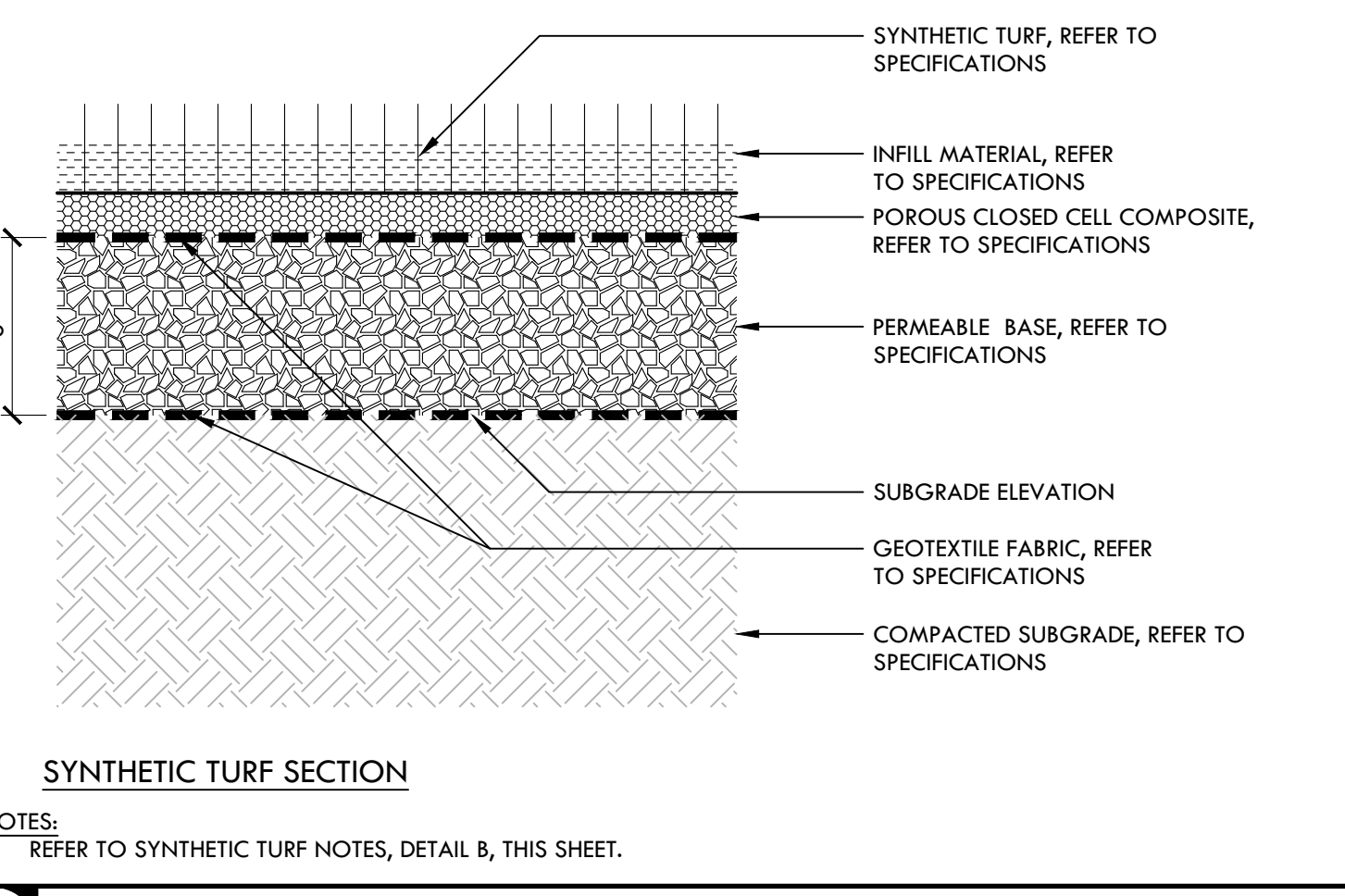
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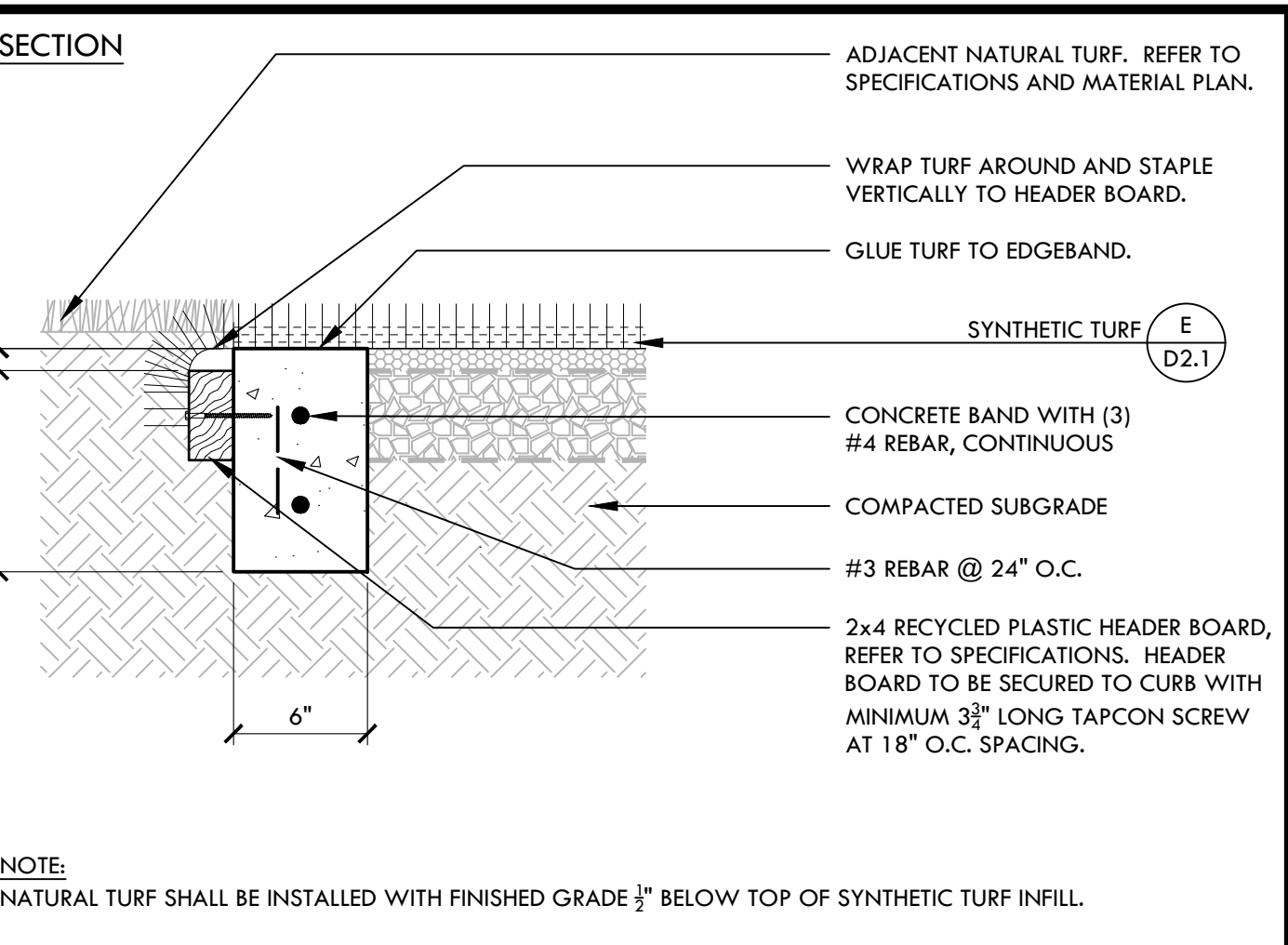


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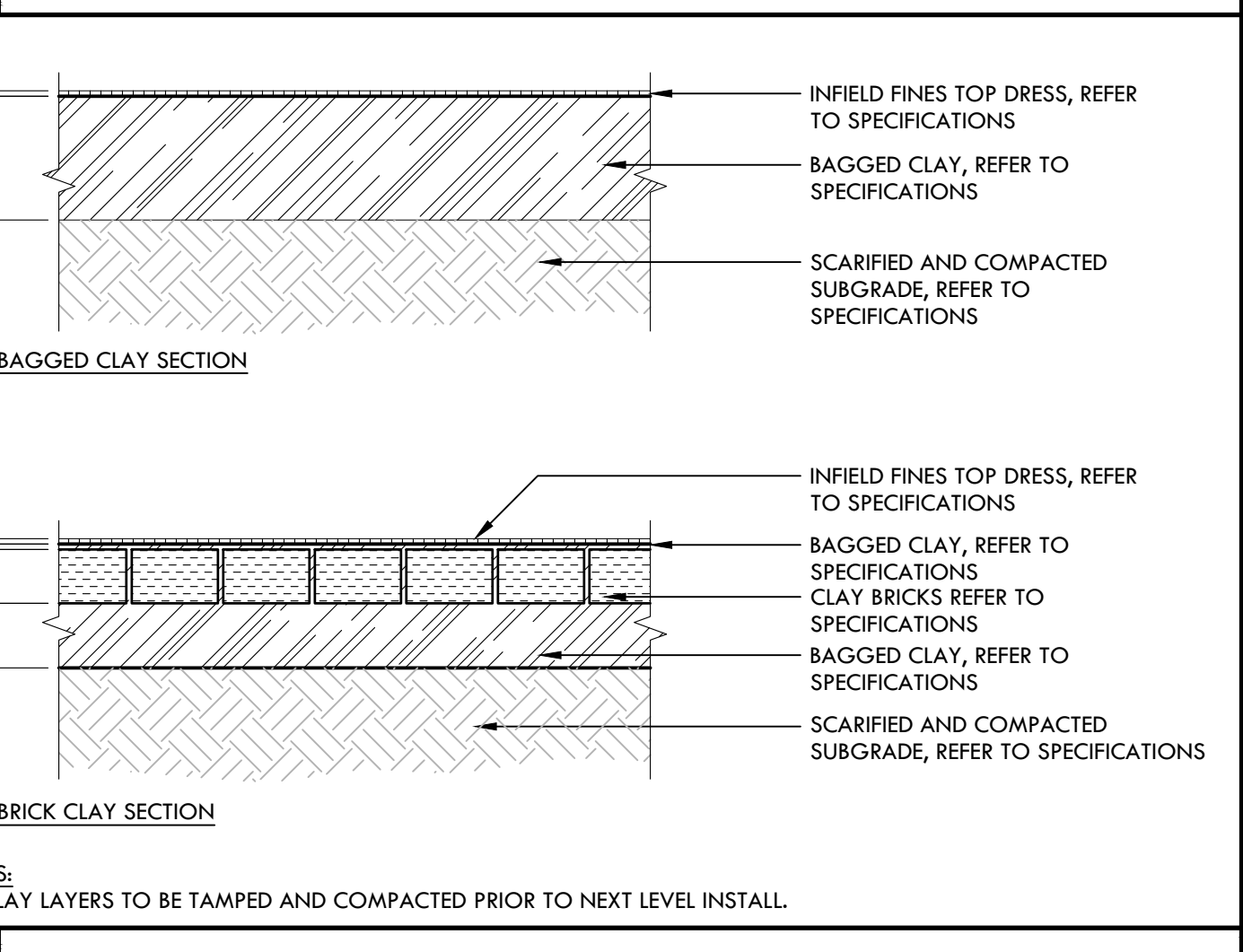


E SYNTHETIC TURF WITH SHOCK PAD NTS

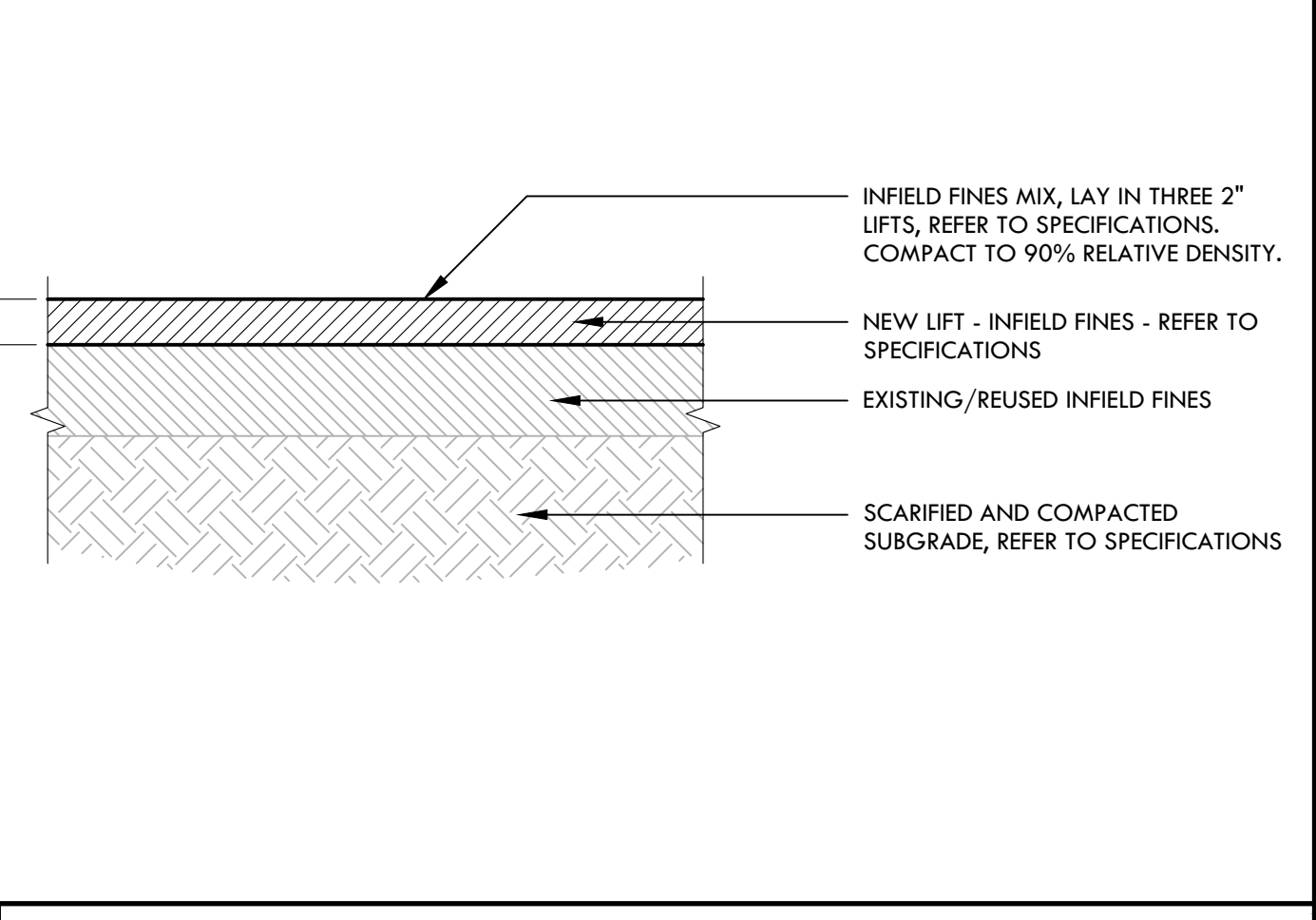
NOTES:
1. REFER TO SYNTHETIC TURF NOTES, DETAIL B, THIS SHEET.



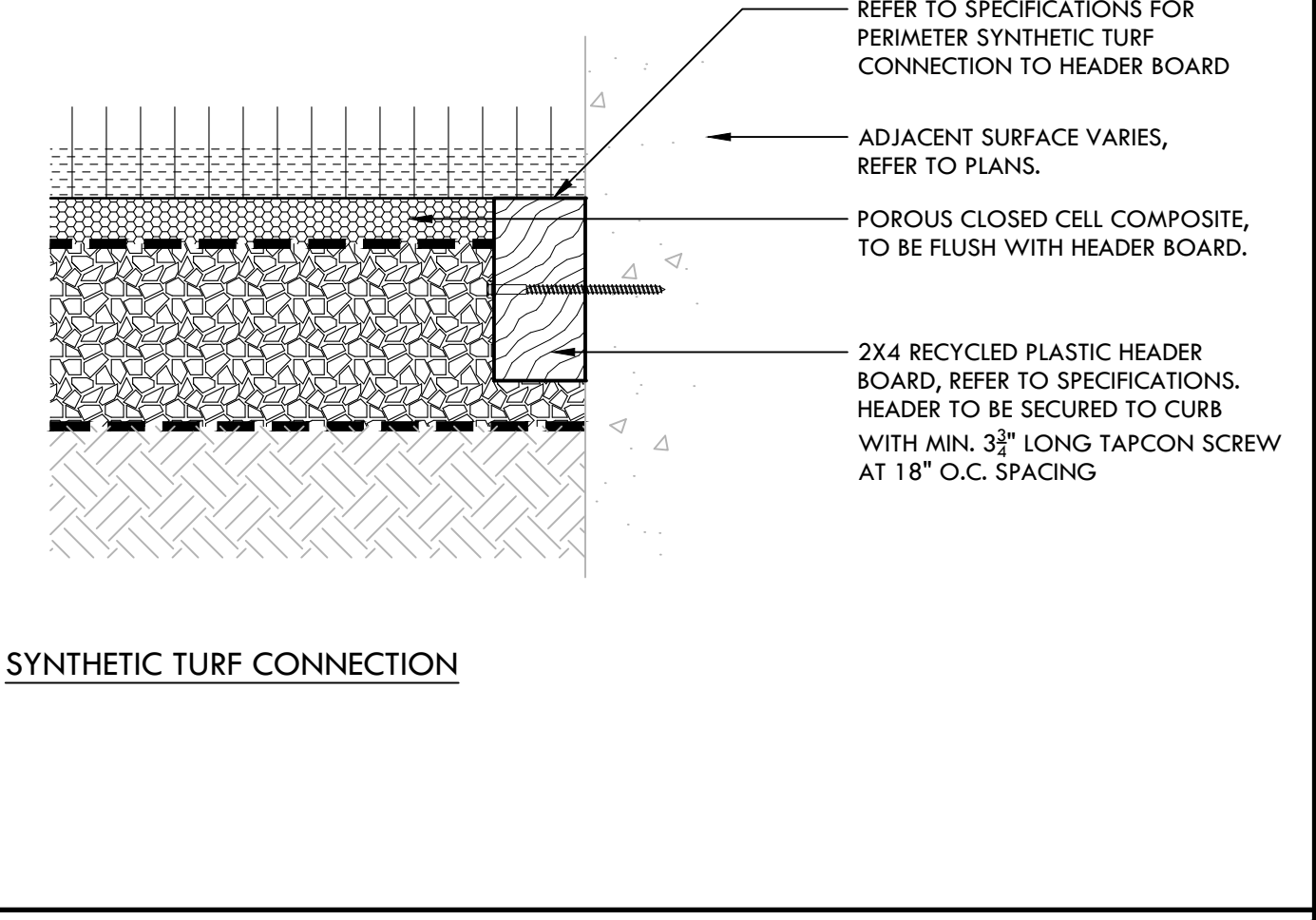
H NATURAL TURF TO SYNTHETIC TURF EDGE NTS



G INFILDS FINES OVER CLAY NTS

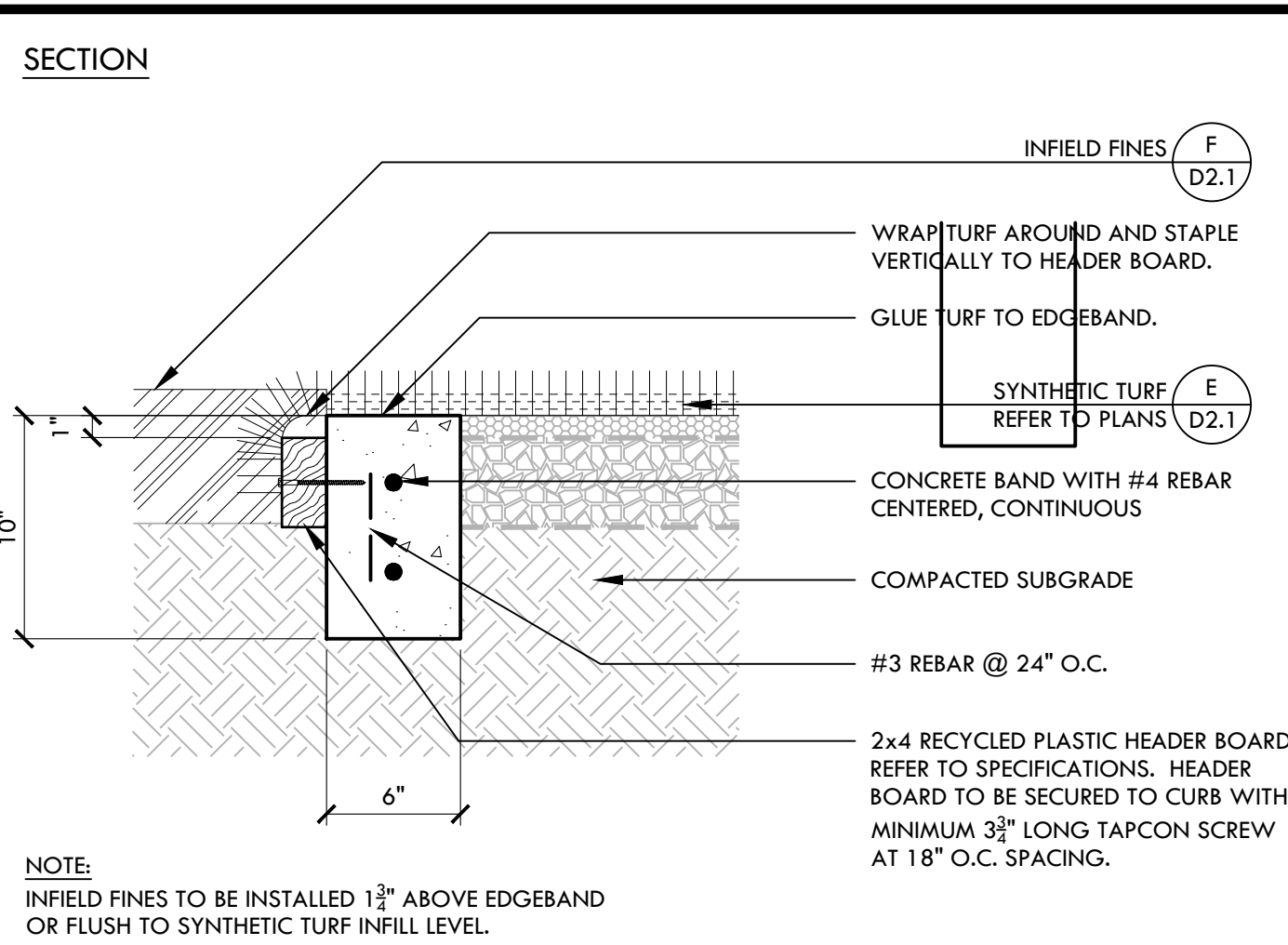


F INFILDS FINES NTS

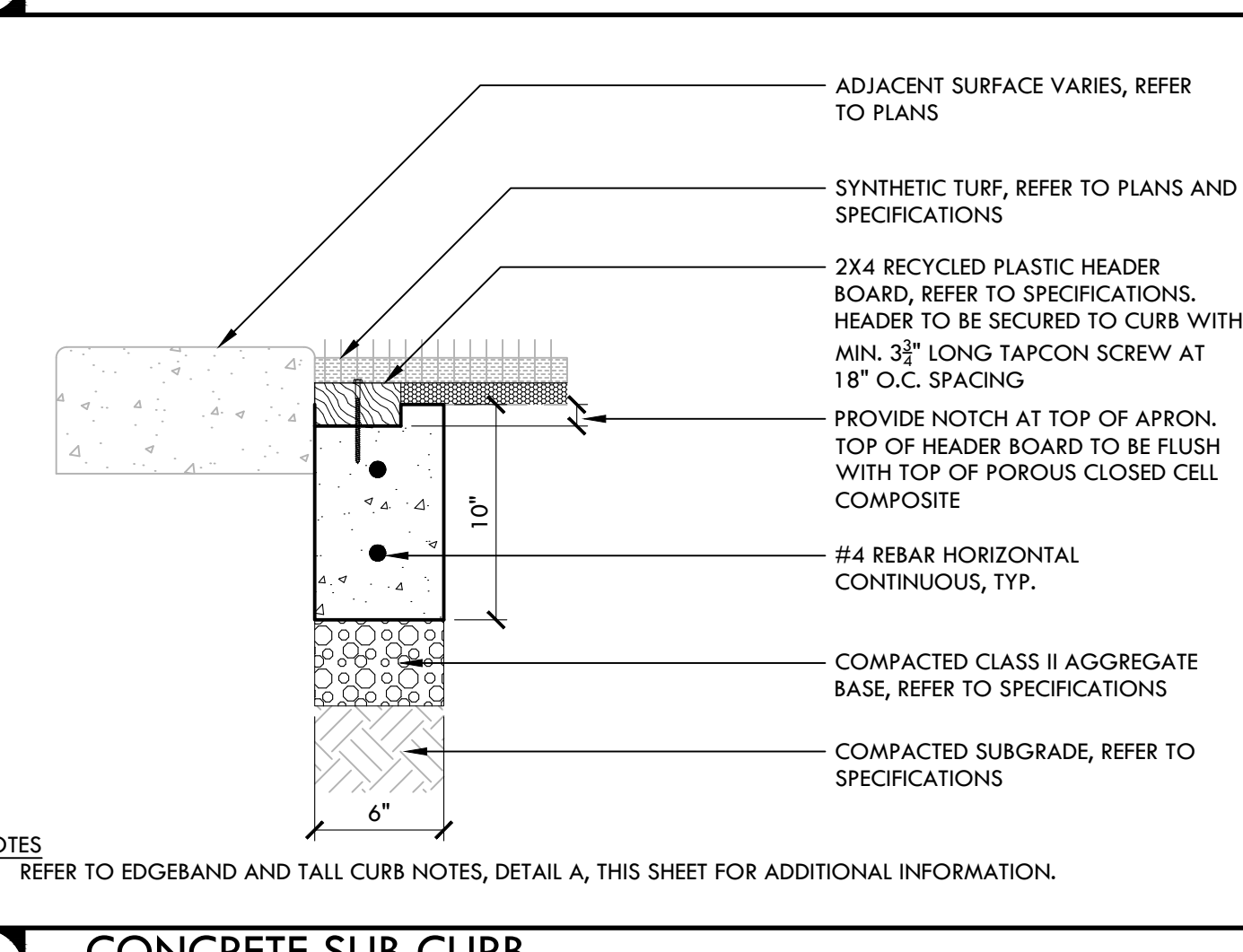


A EDGEBOARD AND TALL CURB NOTES NTS

FINISHES
EDGEBOARDS AND CURBS: MEDIUM BROOM
TALL CURBS: MEDIUM SAND BLAST - TOP AND SIDES



D 6" WIDE SYNTHETIC TURF EDGE AT INFILDS FINES NTS



C CONCRETE SUB CURB - SYNTHETIC TURF CONNECTION NTS

- NOTES PERTAIN TO ALL DETAILS WITH SYNTHETIC TURF:
- IDENTIFIED FINISH GRADES OF SYNTHETIC TURF SHALL BE THE TOP OF INFILL MATERIAL. INFILL MATERIAL SHALL BE 1/2" BELOW ADJACENT SURFACES UNLESS EDGE IS A VERTICAL CURB.
 - BASEBALL FIELD STRIPING SHALL BE INLAID OR TUFTED 2.5" WIDE WHITE LINES, UNLESS NOTED OTHERWISE.
 - SOFTBALL INFILDS STRIPING SHALL BE INLAID OR TUFTED 2.5" WIDE WHITE LINES, UNLESS NOTED OTHERWISE.
 - CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR REVIEW AND ACCEPTANCE. ALL FIELD MARKINGS SHALL CONFORM TO CURRENT RULES (NATIONAL FEDERATION OF STATE HIGH SCHOOL ASSOCIATIONS) AND C.I.F. (CALIFORNIA INTERSCHOLASTIC FEDERATION) GUIDELINES.
 - NO MANUFACTURER, CONTRACTOR OR VENDOR LOGOS ARE TO BE INSTALLED UNLESS SPECIFIED.
 - NO CUT OUTS IN TURF SHALL BE MADE UNLESS OTHERWISE NOTED AND ESPECIALLY NO CUT OUTS IN THE FIELD OF PLAY.
 - QUICK COUPLERS ARE THE ONLY UTILITIES TO BE CUT THROUGH TURF. QUICK COUPLERS ARE LOCATED ON THE PERIMETER AND OUT OF THE FIELD OF PLAY AREAS. QUICK COUPLER TO BE MARKED WITH 3" GREY DOT
 - CLEAN OUTS TO BE MARKED WITH 3" BROWN DOT.
 - JUNCTION BOXES TO BE MARKED WITH 3" BLACK DOT.

B SYNTHETIC TURF NOTES NTS

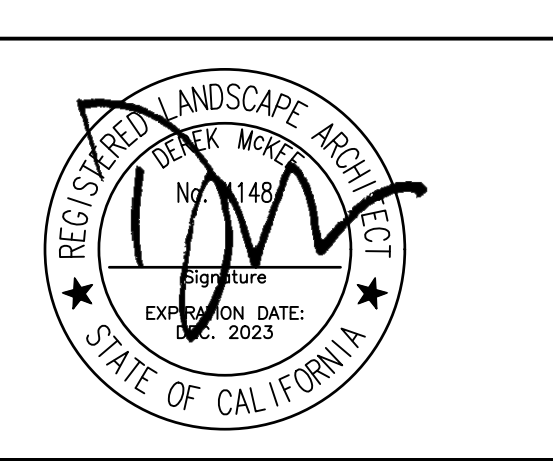
- NOTES PERTAIN TO ALL EDGEBOARD AND CURB DETAILS:
- FOR EDGEBOARDS AND CURBS WITH FENCING, INSTALL EXPANSION JOINTS AT ALL CORNERS, BEGINNINGS, AND ENDINGS OF RADII, AND AT ALL FENCE POSTS. INSTALL SCORE JOINTS AT 5' O.C. AND OR EVENLY SPACED AND CENTERED BETWEEN POSTS.
 - FOR EDGEBOARD AND CURBS WITHOUT FENCING, INSTALL SCORE JOINTS AT 10' O.C. SPACING AND FIBER EXPANSION JOINTS EVERY 20' ON STRAIGHT RUNS. ON CURVED RUNS, FIBER EXPANSION JOINTS SHALL BE SPACED 10' O.C., WITH ALTERNATING SCORE JOINTS AT 5' O.C. SPACING.
 - ALL EXPANSION JOINTS SHALL BE SEALED, PER SPECIFICATIONS.
- NOTES PERTAIN TO ALL TALL CURB DETAILS:
- PROVIDE EXPANSION JOINTS AT 16' O.C. SPACING OR CENTERED BETWEEN FENCE POSTS AT TALL CURBS AND EDGEBOARDS, REFER TO SEAT WALL DETAIL FOR EXPANSION JOINT AND CONTROL JOINT SPACINGS AT SEAT WALL EXPANSION JOINT MATERIAL.
 - PROVIDE EXPANSION JOINTS AT EACH LOCATION WHERE AN ELEVATION STEP OCCURS BETWEEN CHANGING CURB/EDGEBOARD TYPES.
- AT EXPANSION JOINTS, PROVIDE A 24" LONG #4 DOWEL AT EACH CURB HORIZONTAL REBAR, CENTERED ON THE JOINT.
- EXPANSION JOINTS SHALL BE INSTALLED WITH A 1/2" CHAMFER BUILT INTO THE FORM WORK, IN ADDITION TO THE FIBER EXPANSION JOINT MATERIAL.
 - PROVIDE A CONTROL JOINT AT EACH FENCE POST. THE VERTICAL JOINT SHALL BE A 1/4" CHAMFER BUILT INTO THE FORM WORK. THE HORIZONTAL JOINT, ALONG THE TOP OF CURB, SHALL BE A TOOLED SCORE JOINT, ALIGNED WITH AND MATCHING THE VERTICAL CHAMFER JOINT.
 - ALL EXPANSION JOINTS SHALL BE SEALED PER SPECIFICATION.
 - NO SCORE JOINTS ARE REQUIRED ON TALL CURBS, EXCEPT AS INDICATED AT EACH FENCE POST IN ITEM #5 ABOVE.

A EDGEBOARD AND TALL CURB NOTES NTS

FINISHES
EDGEBOARDS AND CURBS: MEDIUM BROOM
TALL CURBS: MEDIUM SAND BLAST - TOP AND SIDES

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SHEET TITLE
CONSTRUCTION DETAILS

PROJECT NAME
LIBERTY UNION HIGH SCHOOL DISTRICT BASEBALL INFILDS & SOFTBALL OUTFIELD IMPROVEMENTS

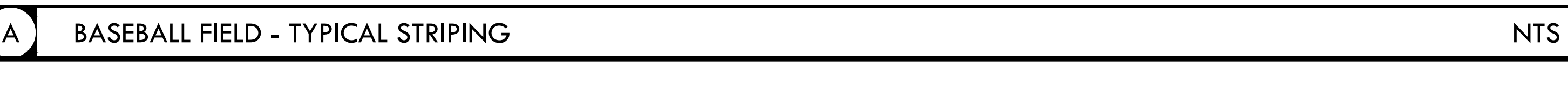
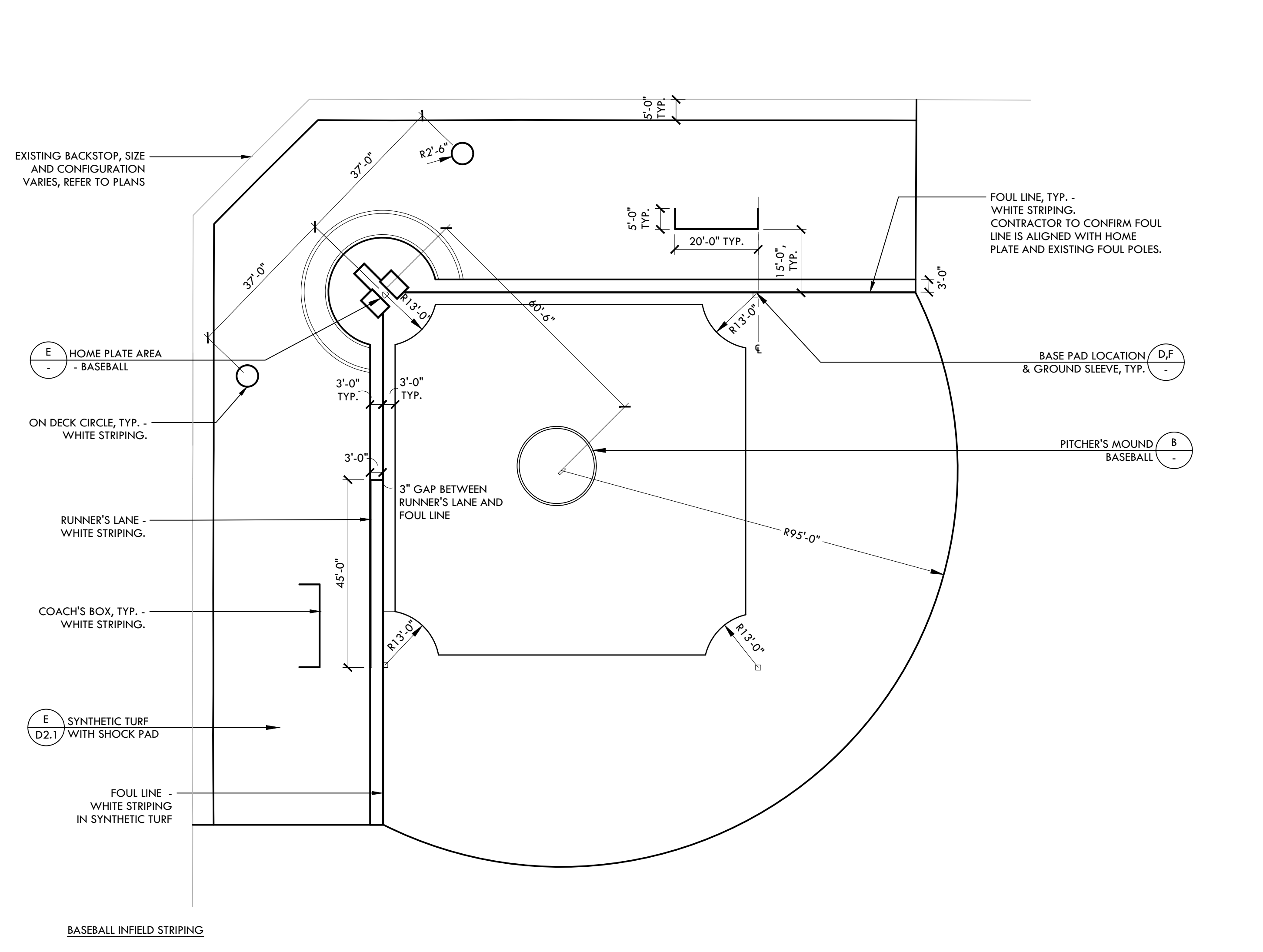
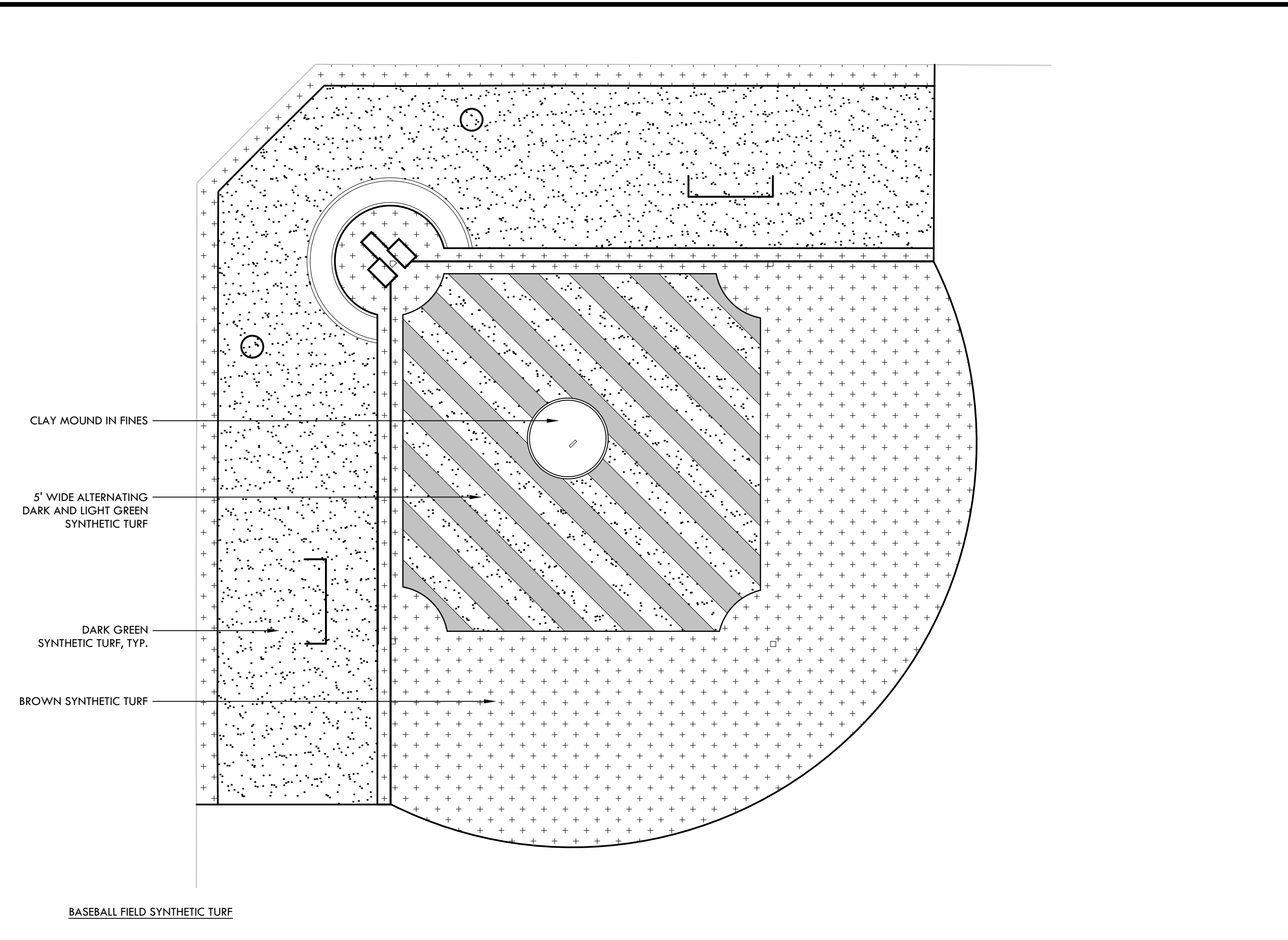
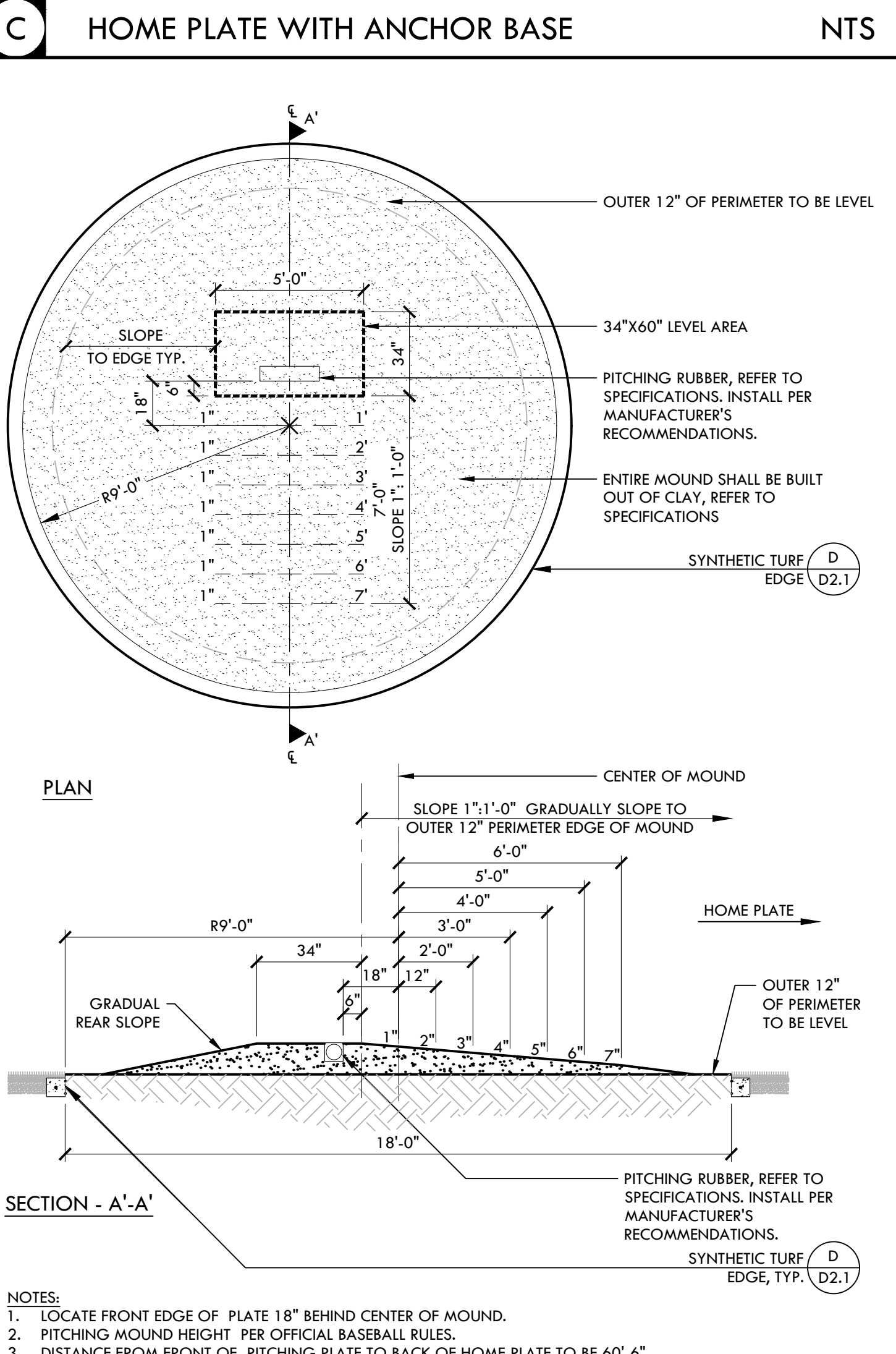
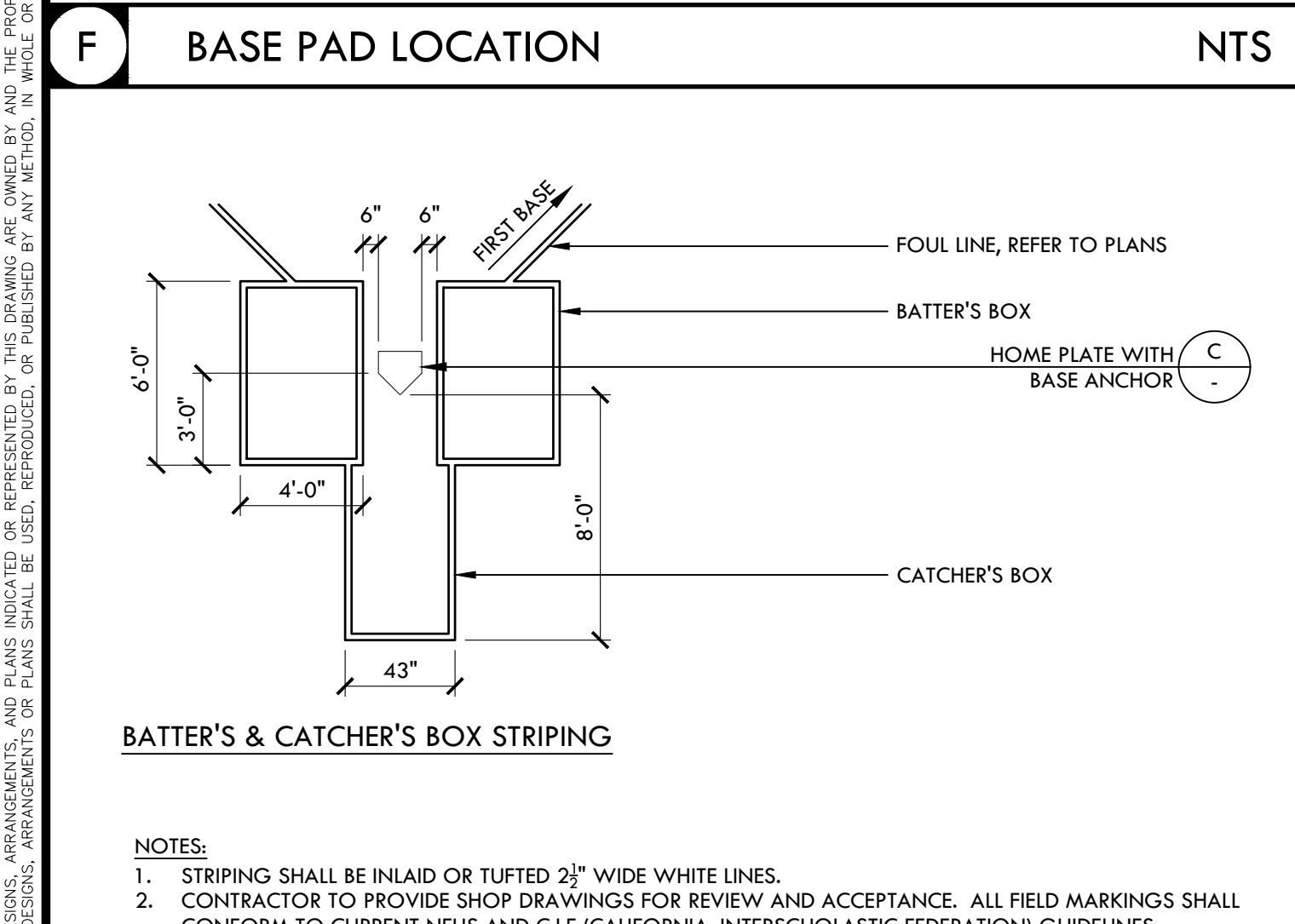
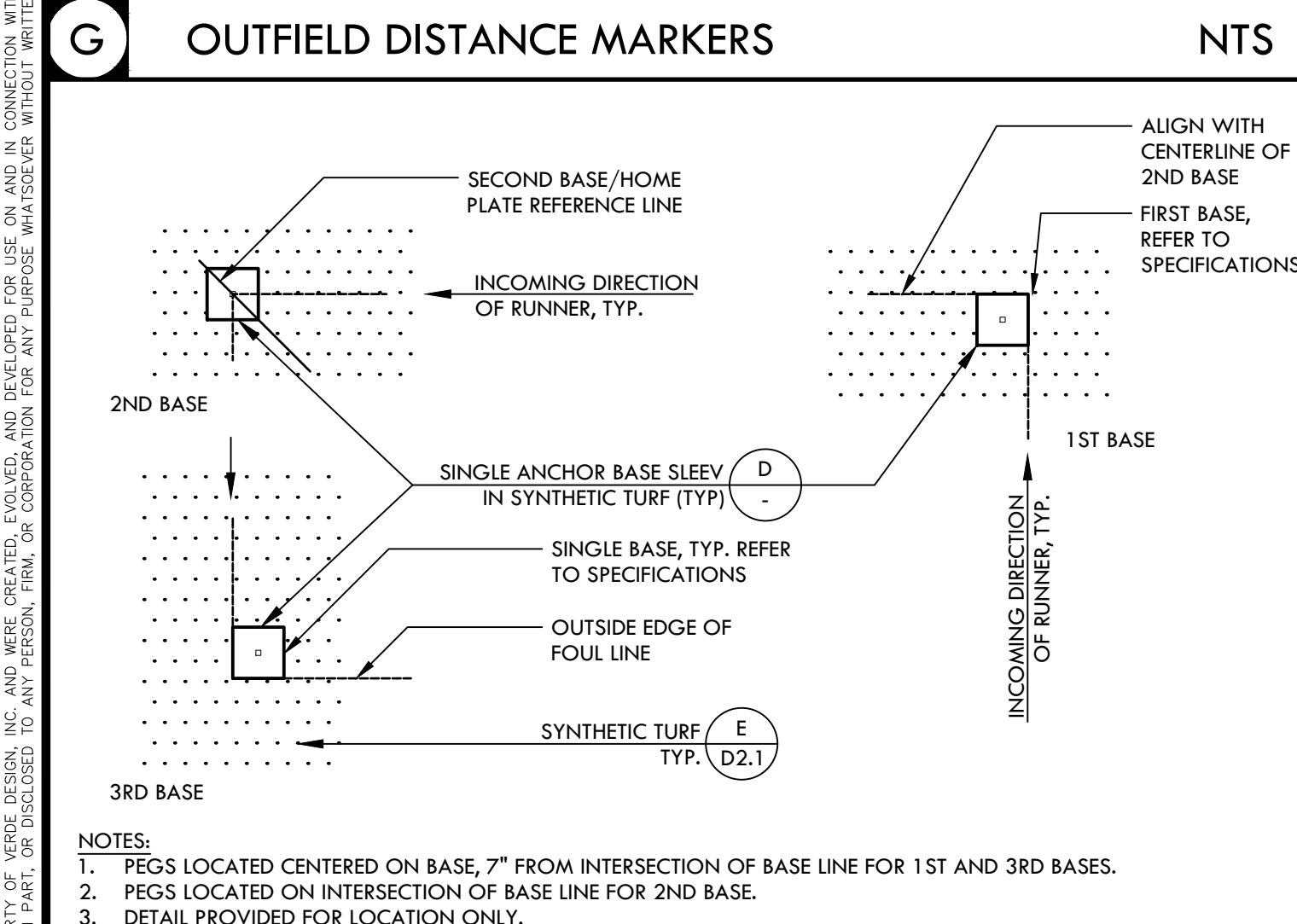
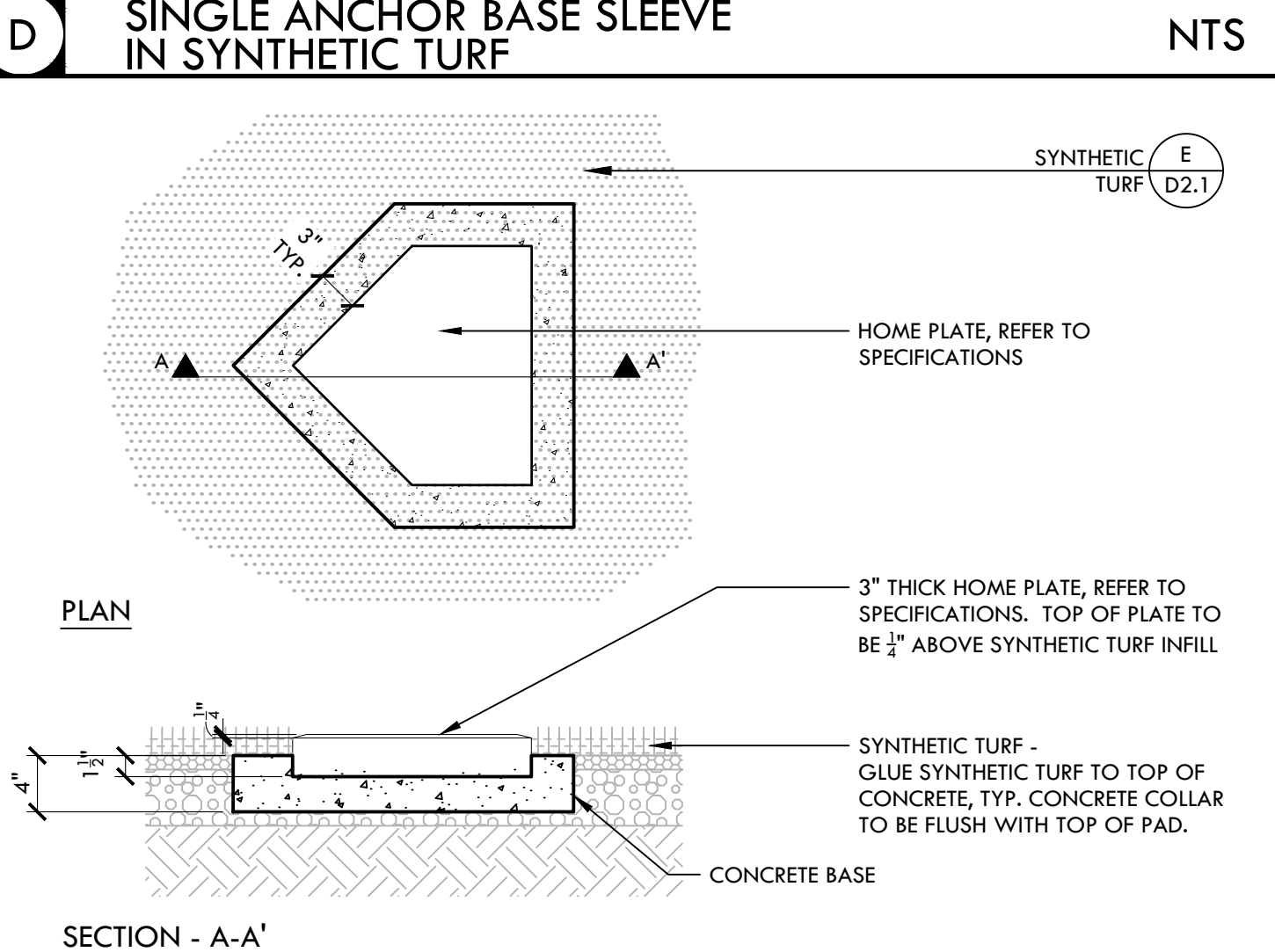
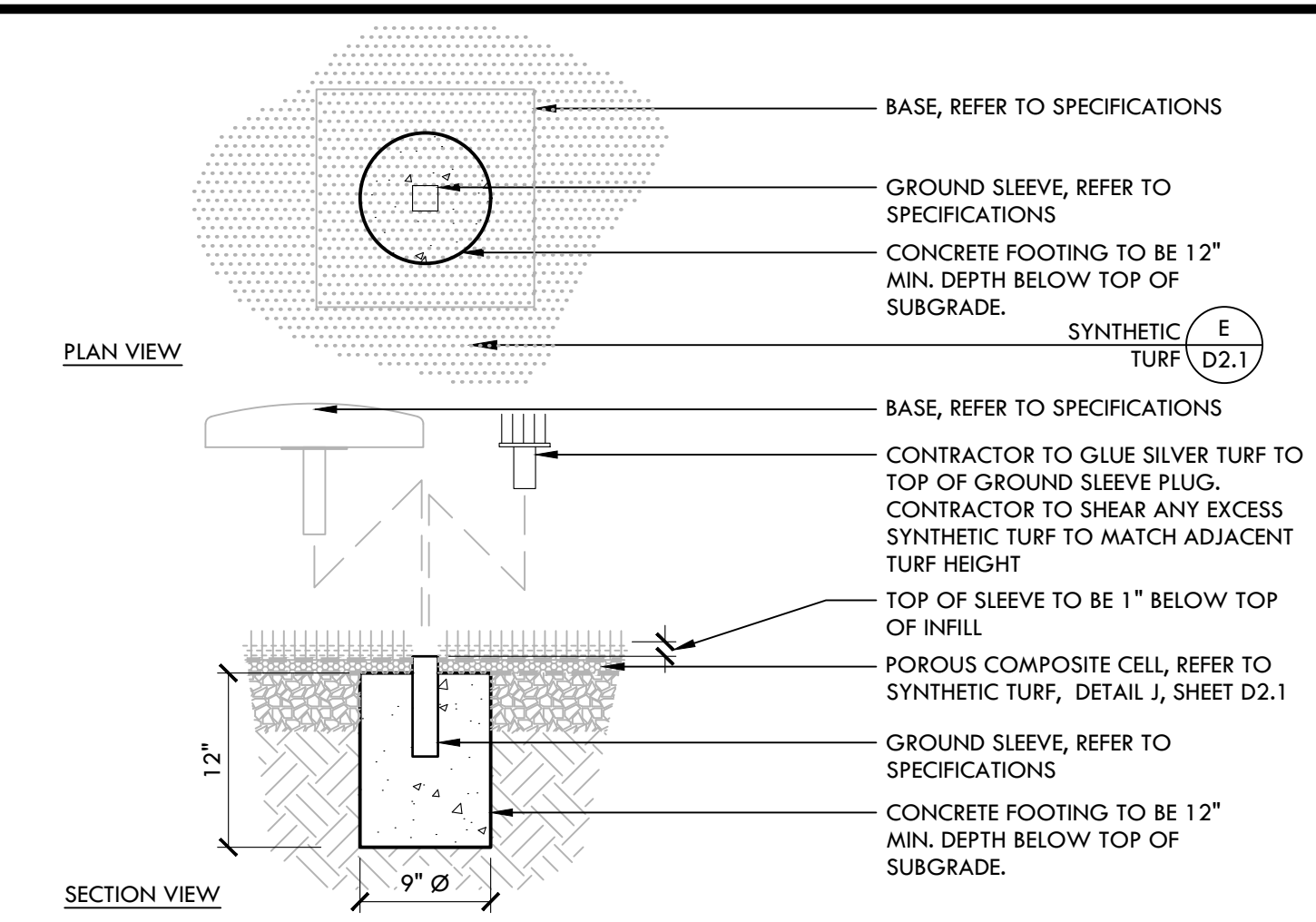
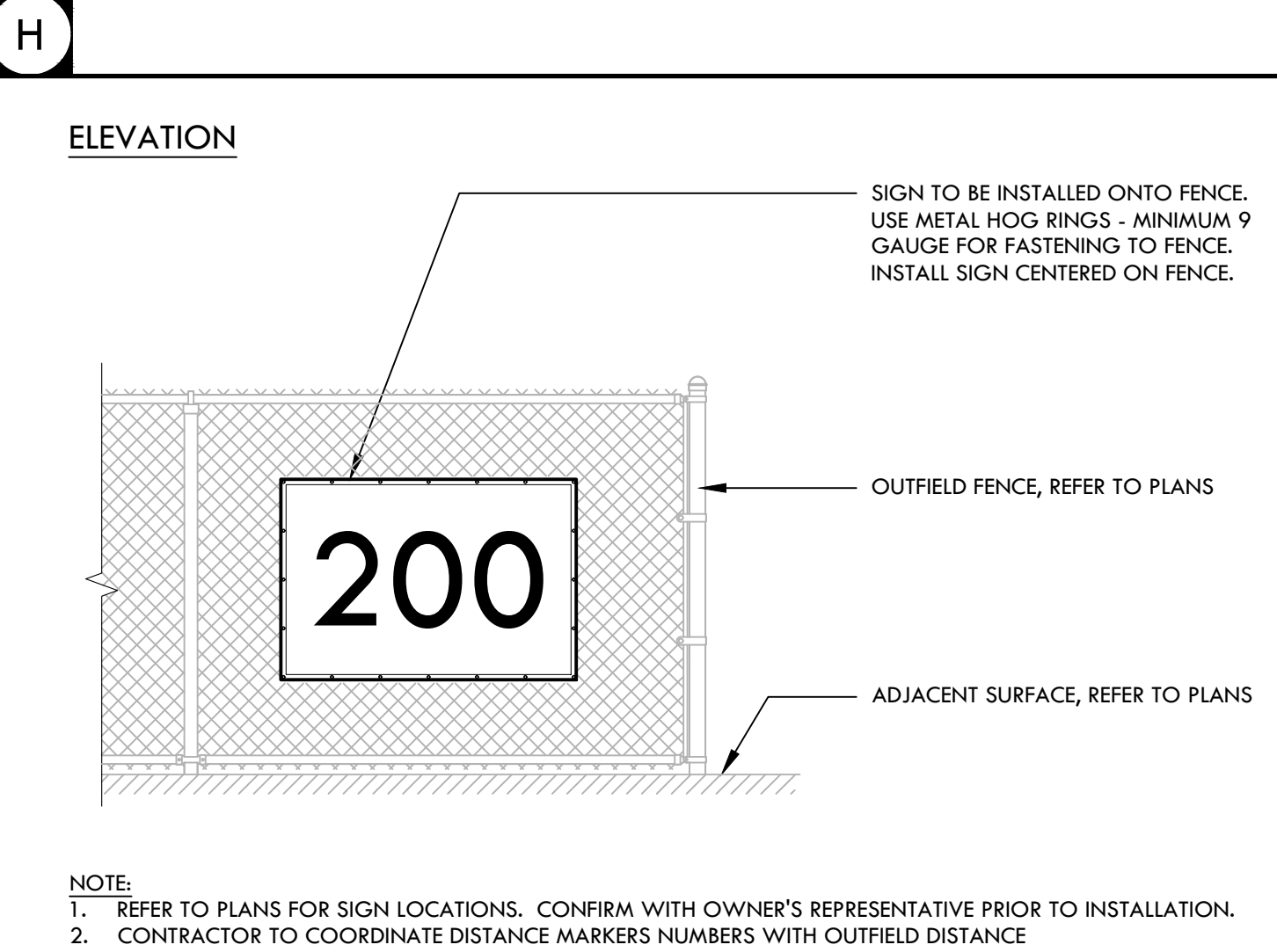
PROJECT ADDRESS
BRENTWOOD & OAKLEY, CA

| SUBMITTAL | DATE |
|---------------|----------|
| BID SUBMITTAL | 05/02/22 |

| NO. | REVISIONS | DATE |
|-----|---|----------|
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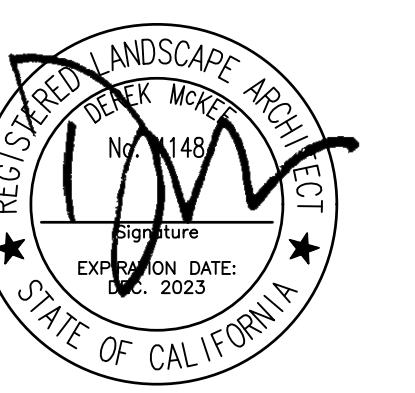
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D2.1
CONSTRUCTION DETAILS



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CONSULTANT

SHEET TITLE

ATHLETIC DETAILS

PROJECT NAME

LIBERTY UNION HIGH SCHOOL DISTRICT BASEBALL INFIELD & SOFTBALL OUTFIELD IMPROVEMENTS

PROJECT ADDRESS

BRENTWOOD & OAKLEY, CA

| NO. | REVISIONS | DATE |
|-----|---|----------|
| 1 | FIELD DIRECTIVE #2 SYNTHETIC TURF REVISIONS | 05/25/21 |
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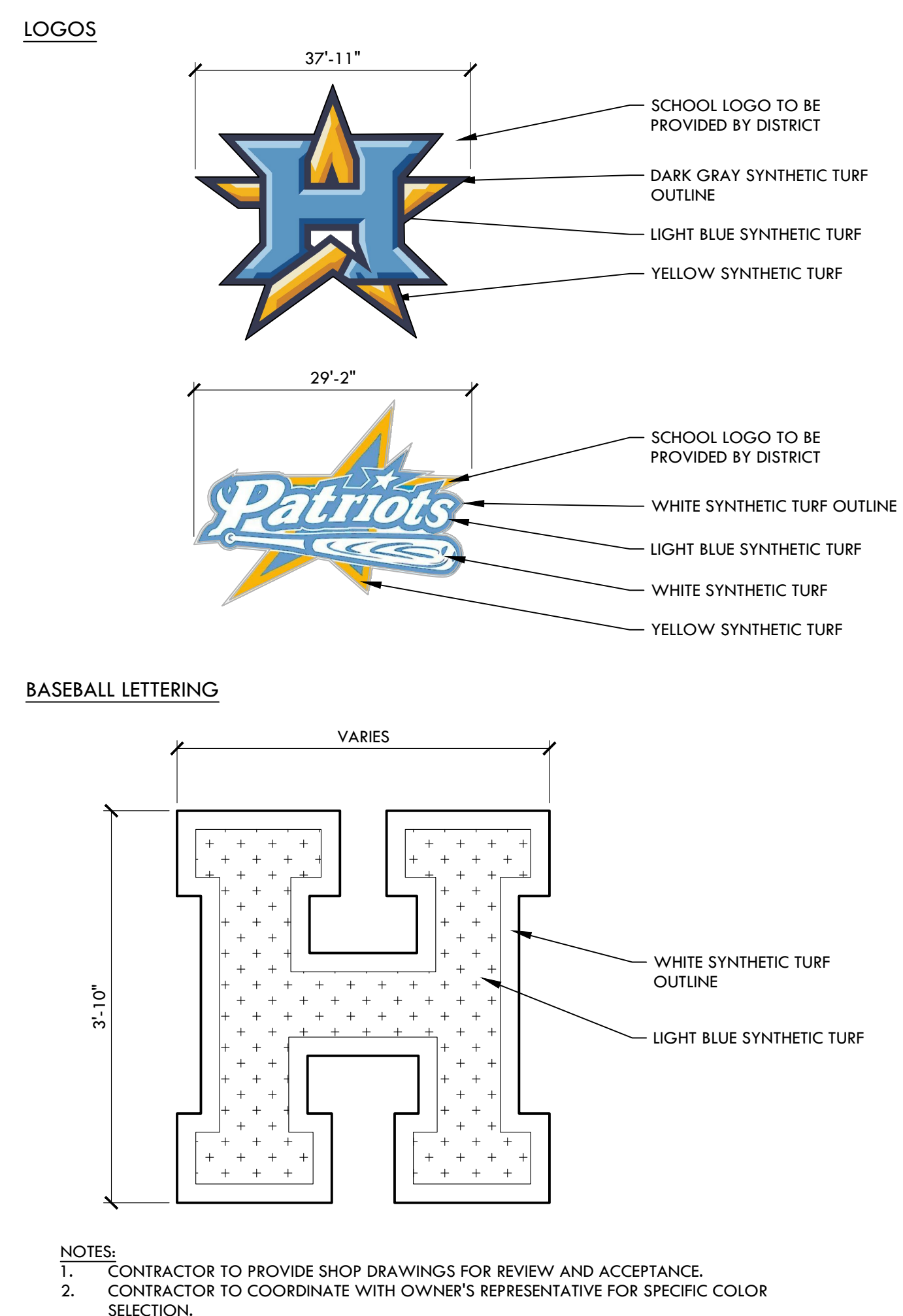
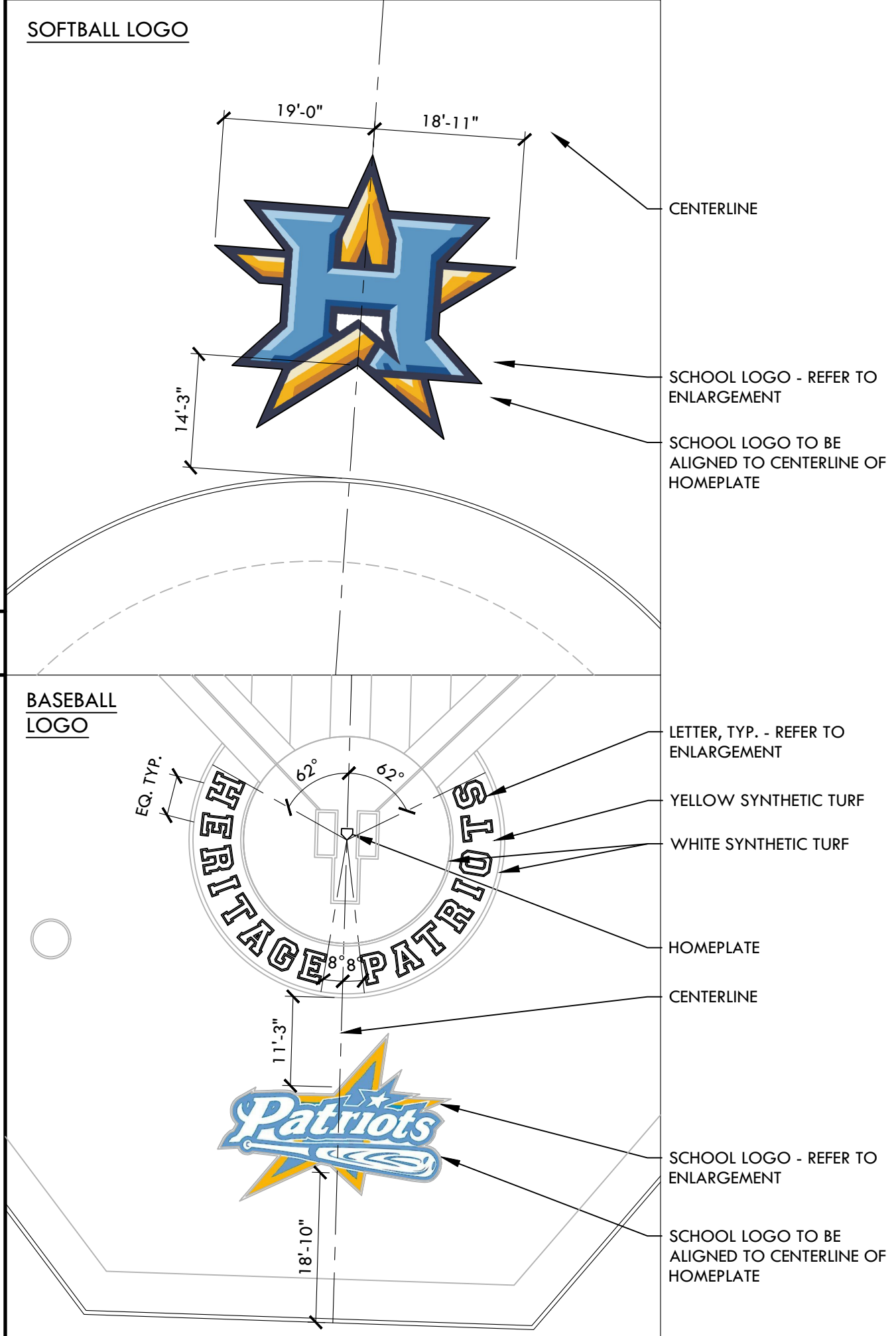
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D3.1

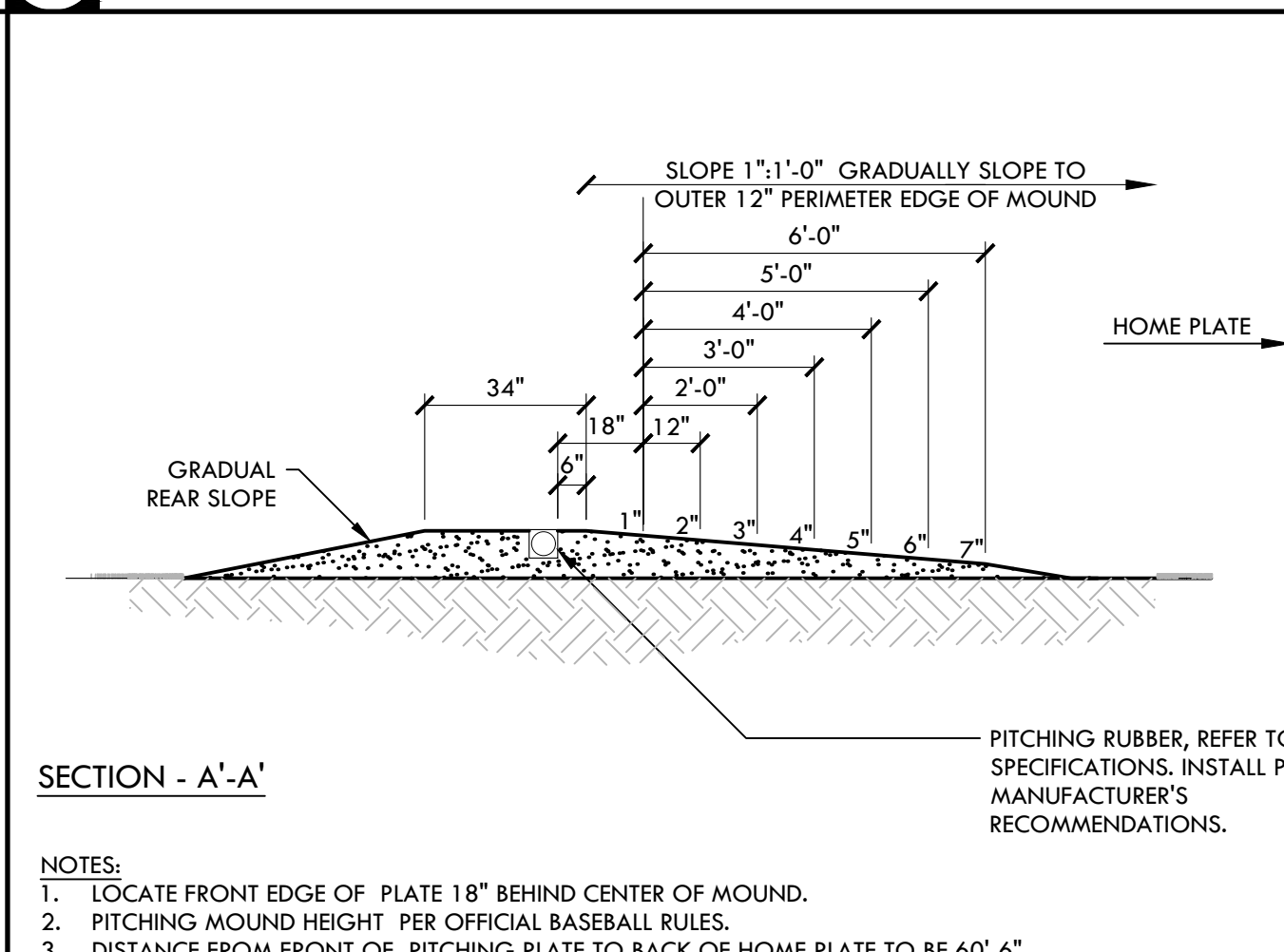
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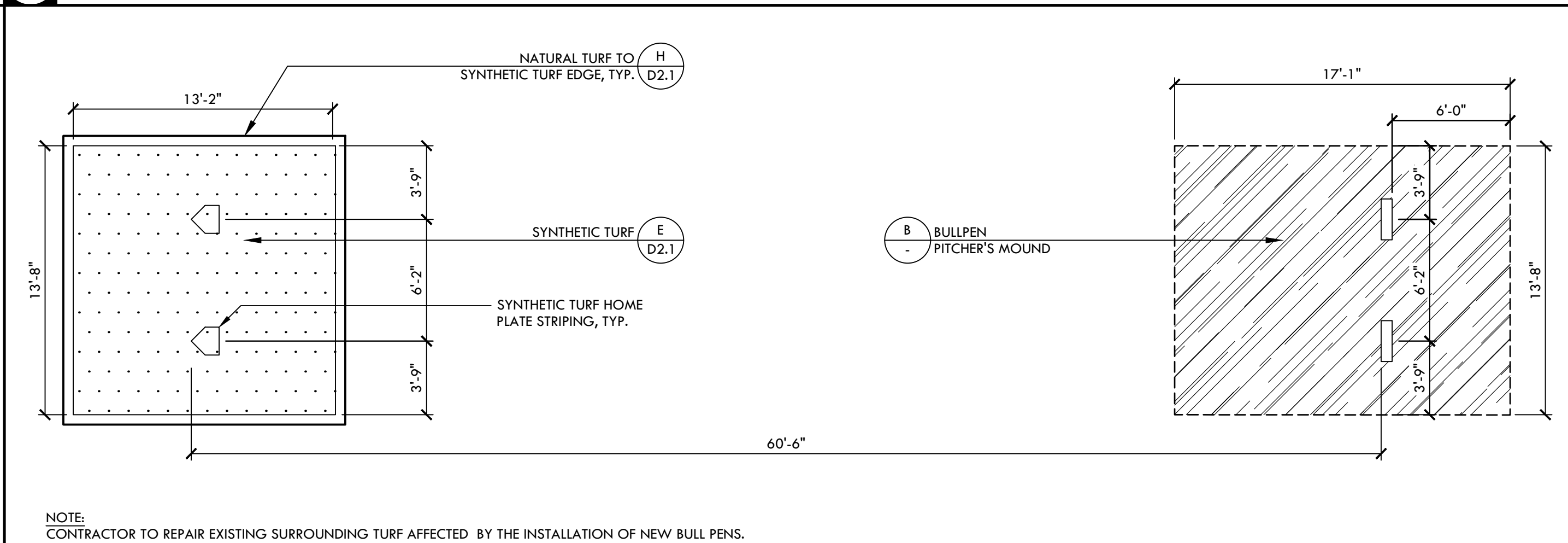
C HERITAGE HS LOGOS

NTS



B BULLPEN - PITCHERS MOUND

NTS



A BASEBALL BULLPEN - PLAN

NTS

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CONSULTANT

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ATHLETIC DETAILS

PROJECT NAME

**HERITAGE HIGH SCHOOL
 BASEBALL INFIELD &
 SOFTBALL OUTFIELD
 IMPROVEMENTS**

PROJECT ADDRESS

**101 AMERICAN AVE
 BRENTWOOD, CA
 94513**

| | |
|---------------|----------|
| SUBMITTAL | DATE |
| BID SUBMITTAL | 05/02/22 |

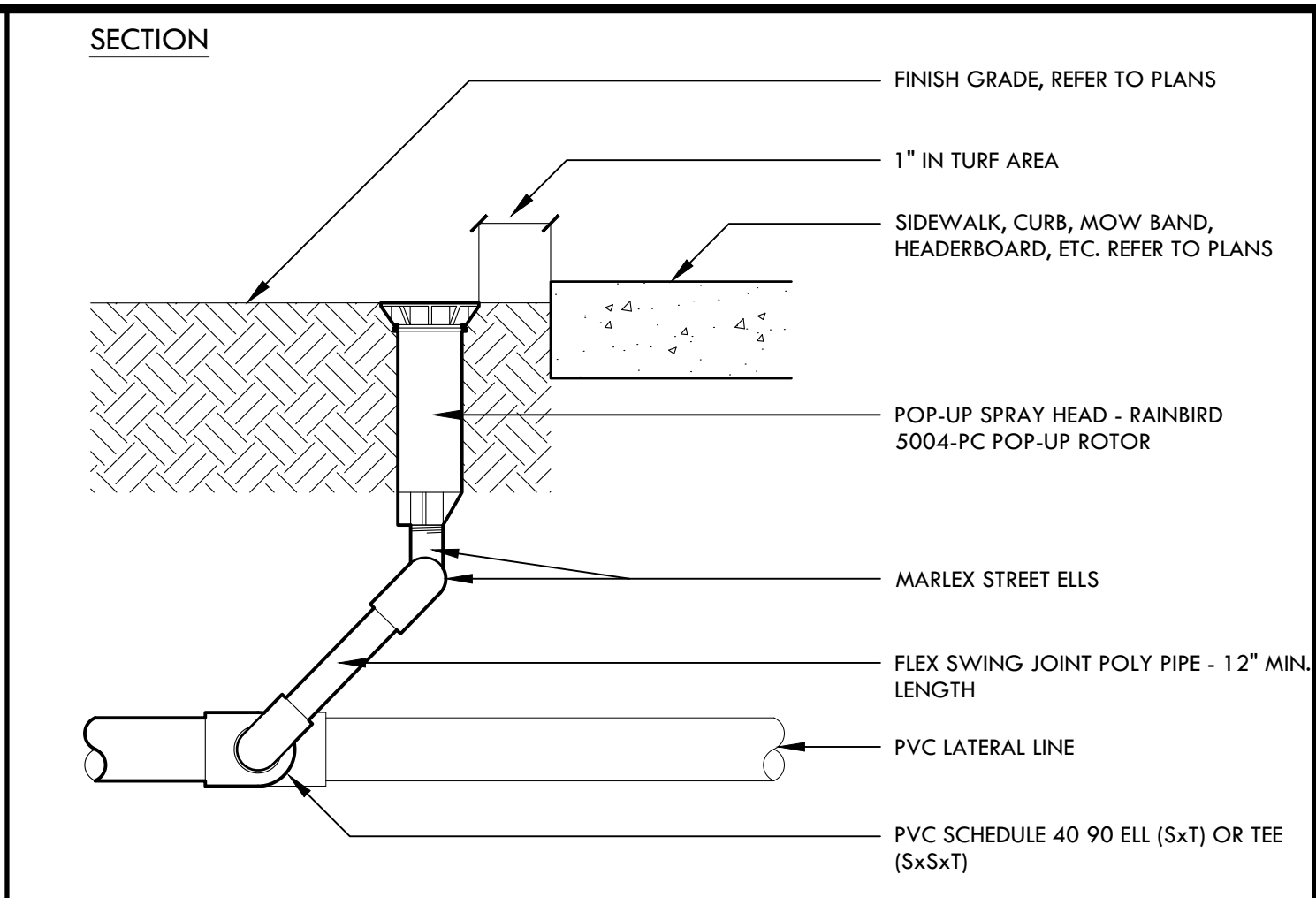
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| NN/JJ | DM |
| DATE ISSUED | SCALE |
| 04/01/2022 | AS NOTED |
| PROJ. NO. | |
| 2111100 | |

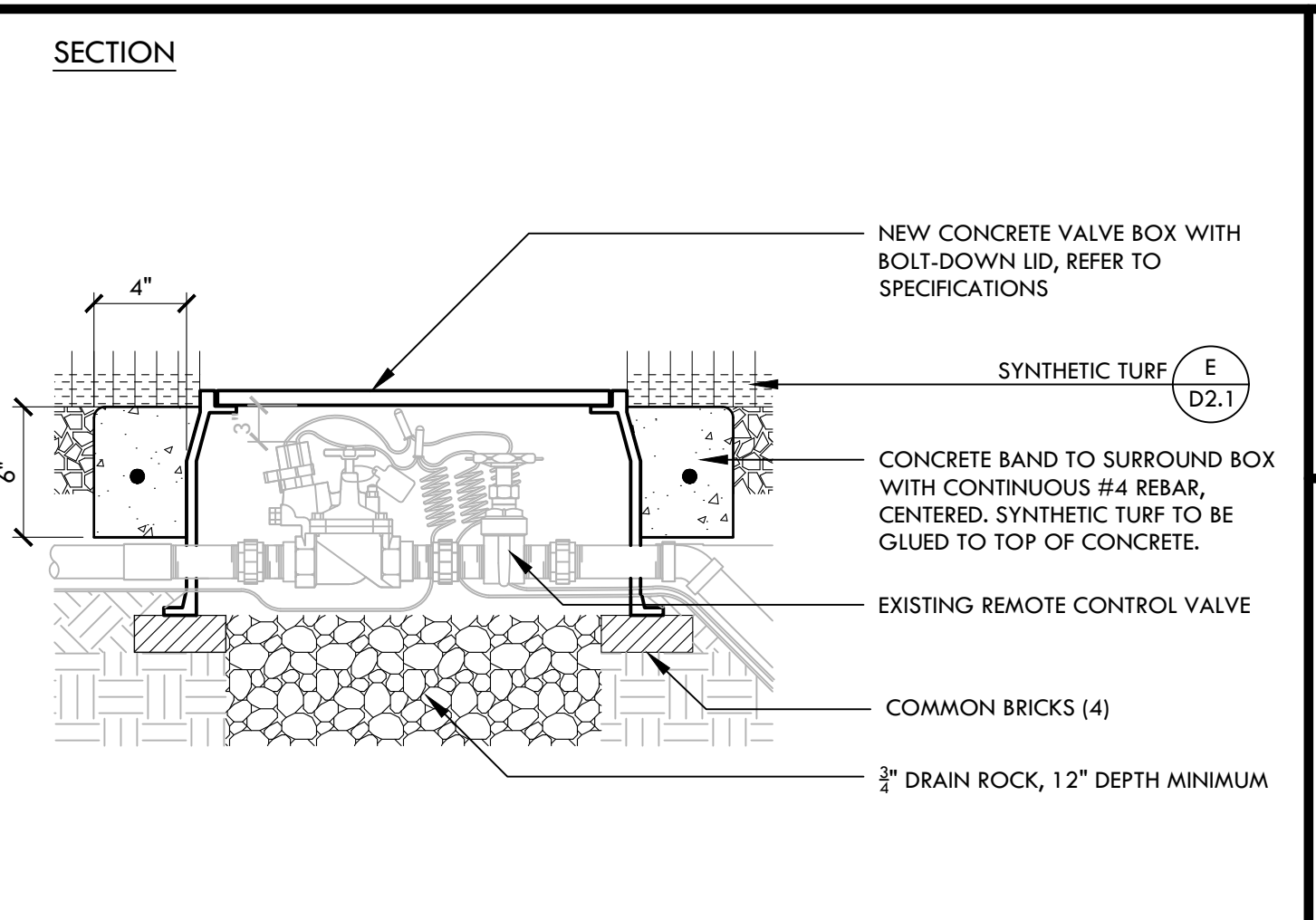
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ATHLETIC DETAILS

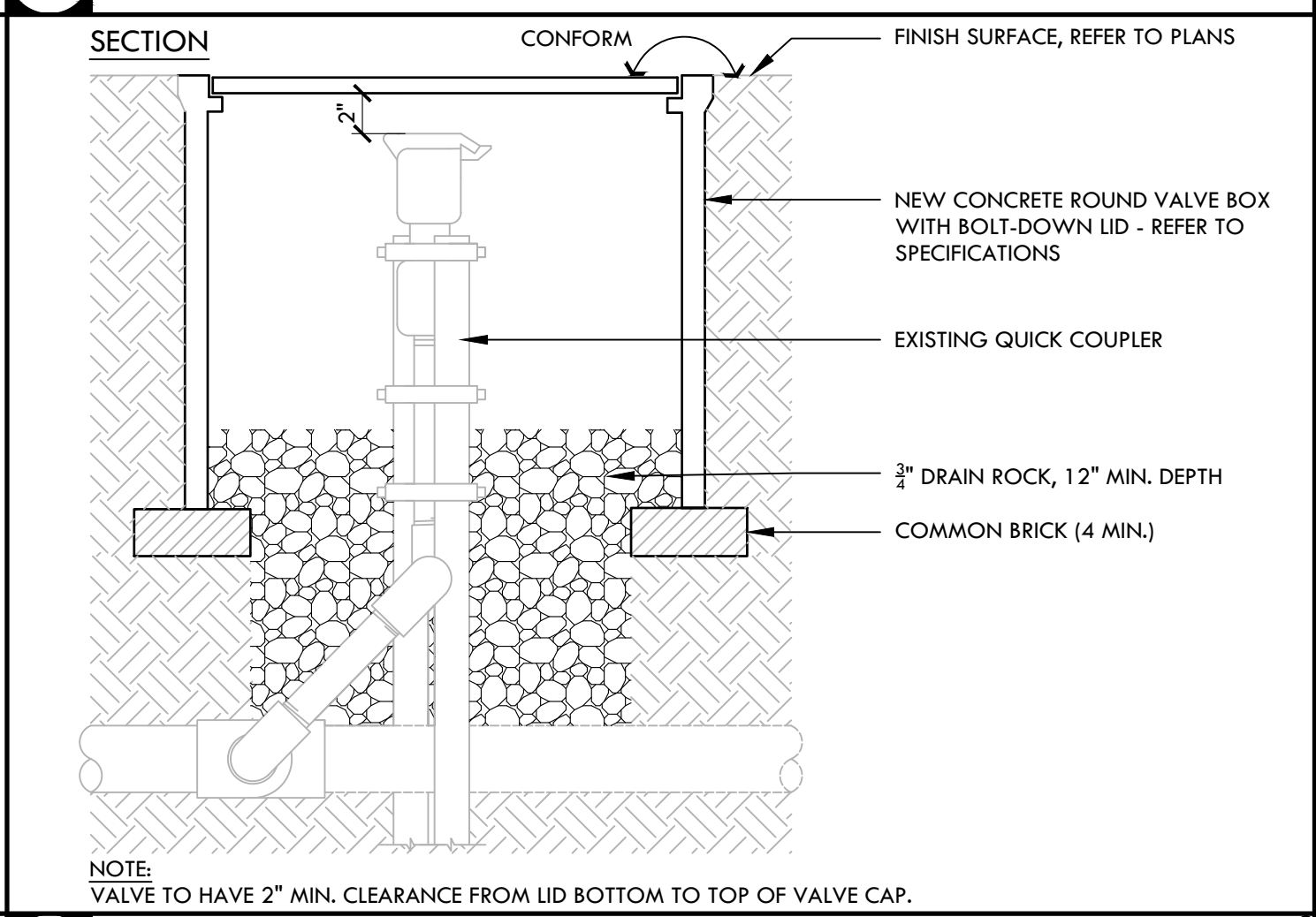
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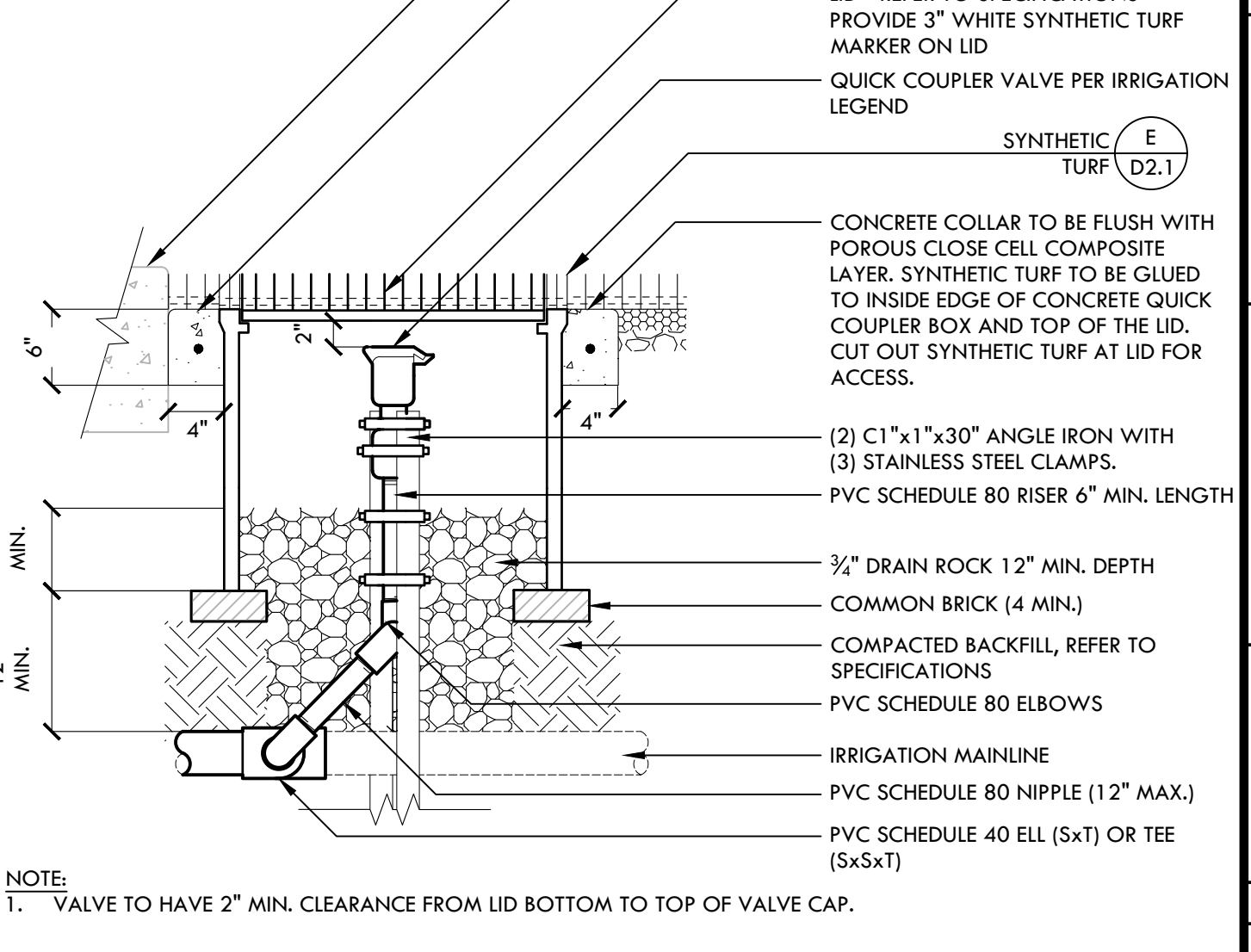
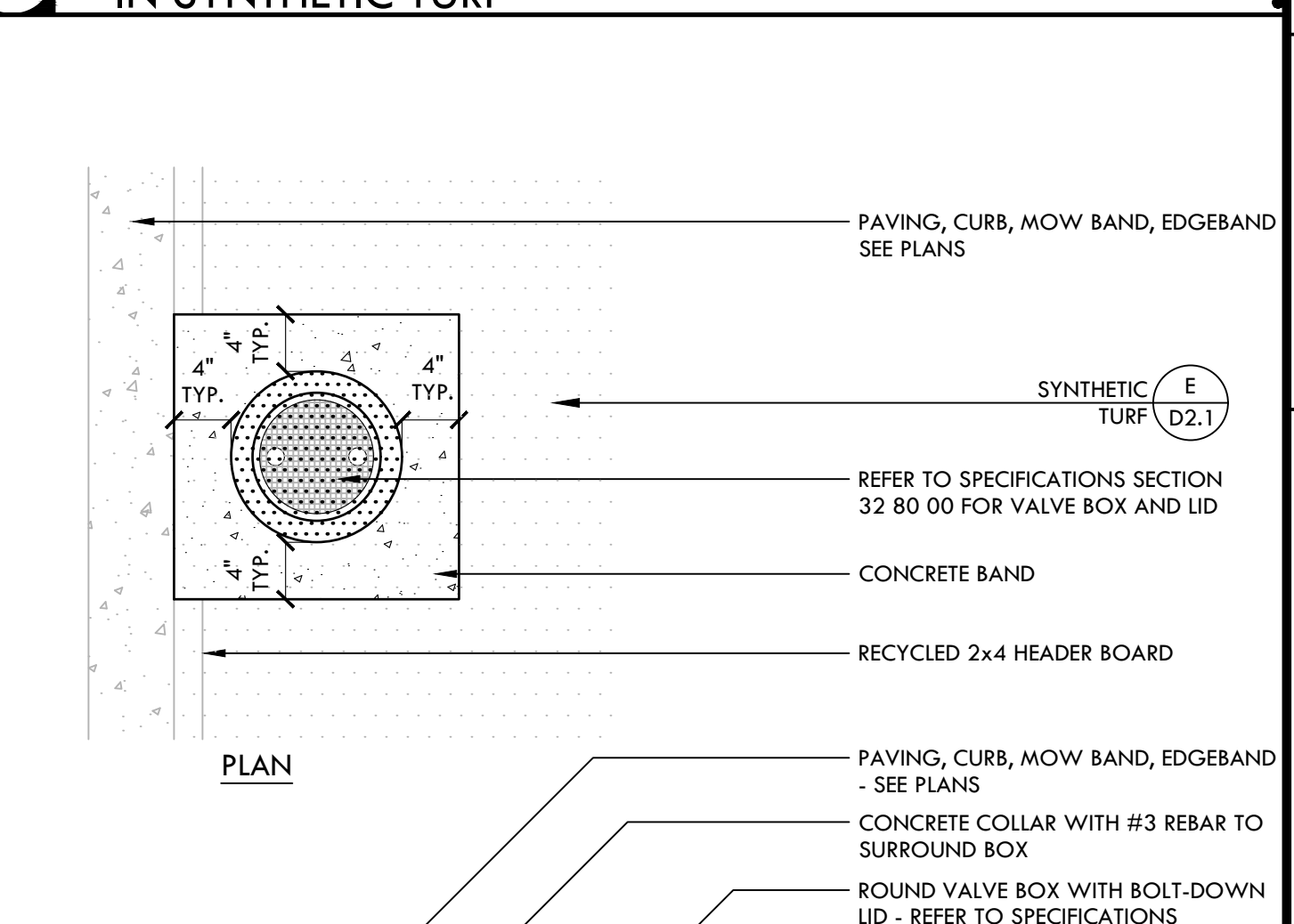
F POP UP AND SWING JOINT NTS



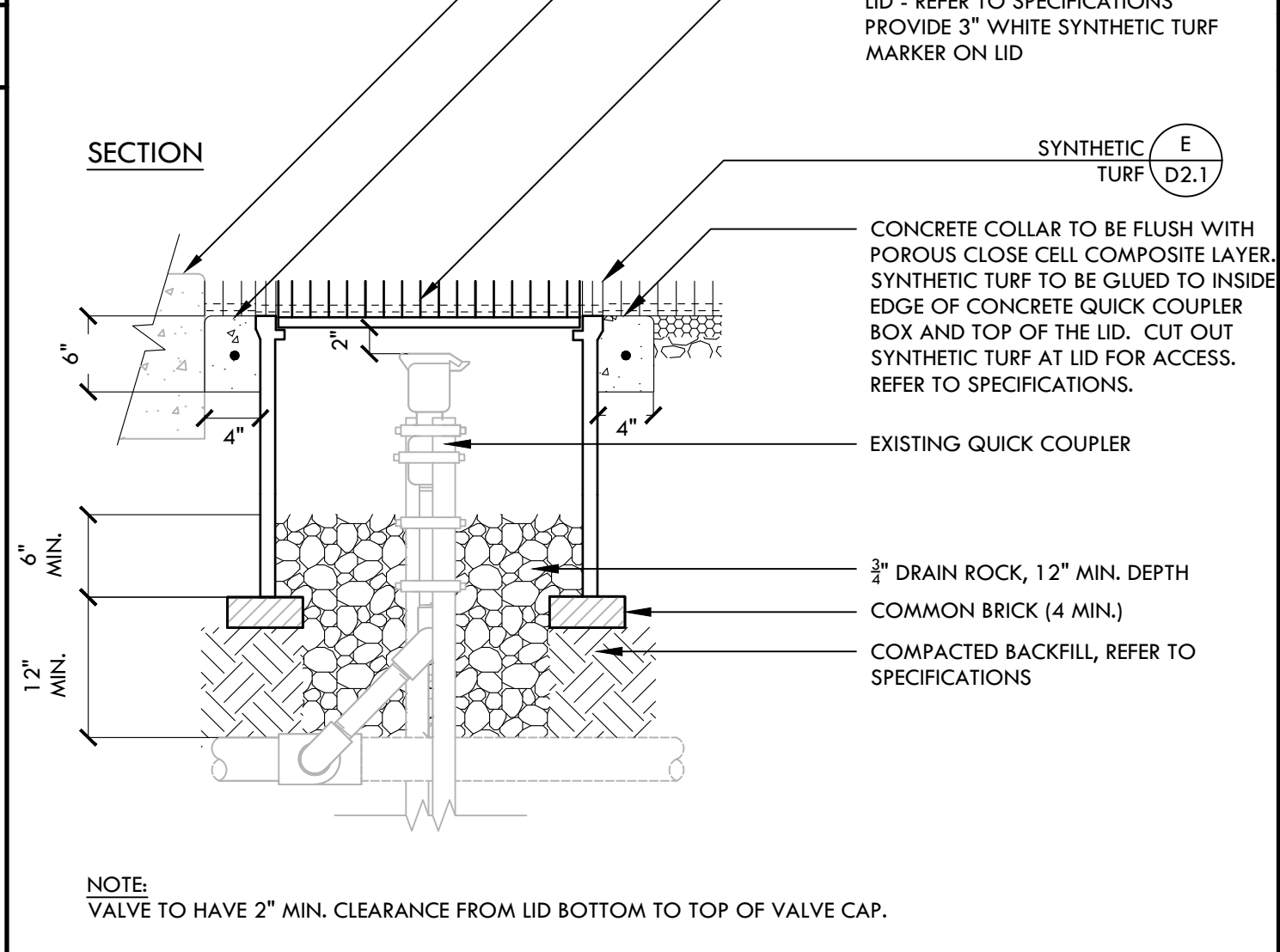
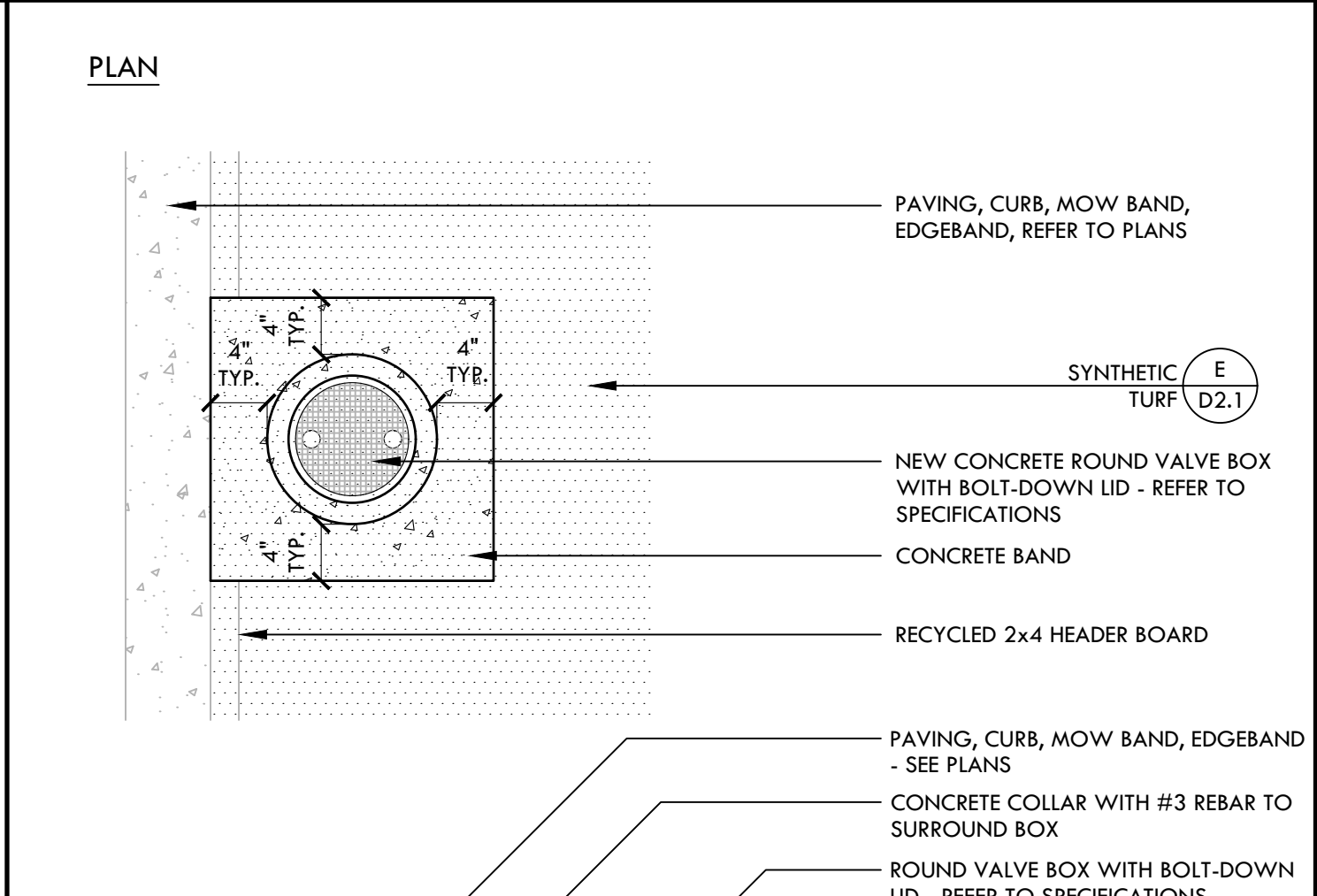
C EXISTING REMOTE CONTROL VALVE IN SYNTHETIC TURF NTS



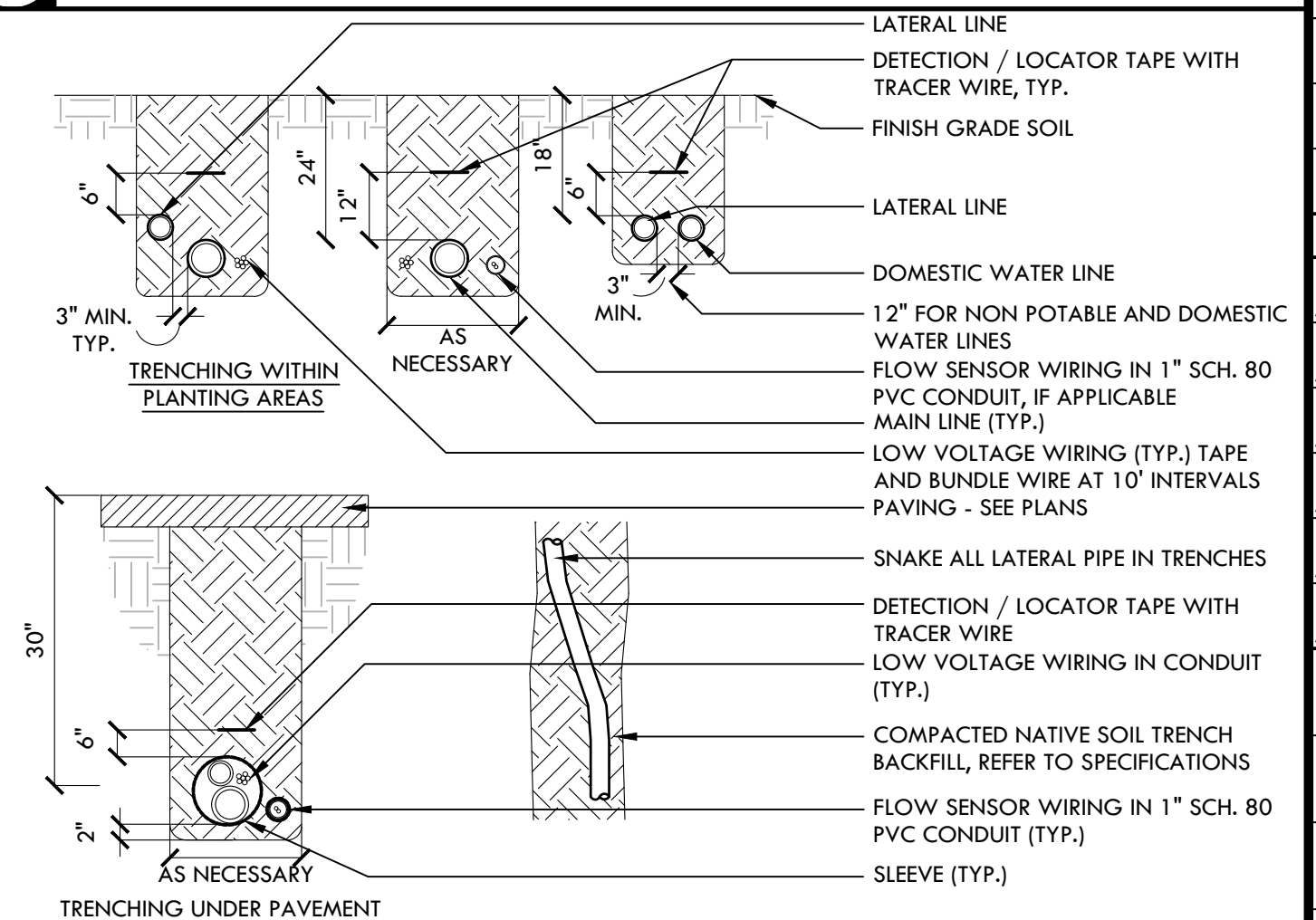
E EXISTING QUICK COUPLER VALVE IN FINES NTS



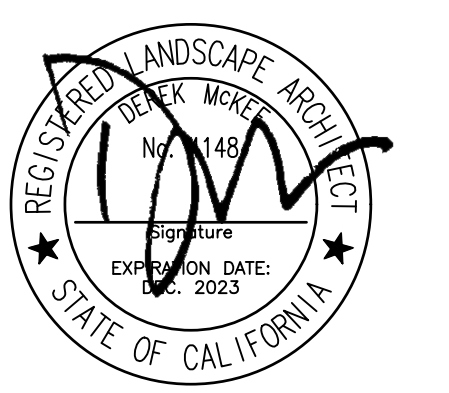
B QUICK COUPLER IN SYNTHETIC TURF NTS



D EXISTING QUICK COUPLER WITHIN SYNTHETIC TURF PLAYING FIELD NTS



A IRRIGATION PIPE TRENCHING NTS



STAMP
CONSULTANT

SHEET TITLE
IRRIGATION DETAILS

PROJECT NAME
LIBERTY UNION HIGH SCHOOL DISTRICT BASEBALL INFIELD & SOFTBALL OUTFIELD IMPROVEMENTS

PROJECT ADDRESS
BRENTWOOD & OAKLEY, CA

| | |
|---------------|----------|
| SUBMITTAL | DATE |
| BID SUBMITTAL | 05/02/22 |

| NO. | REVISIONS | DATE |
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| DRAWN BY VERDE | CHECKED BY DM |
| DATE ISSUED 01/17/2022 | SCALE AS NOTED |
| PROJ. NO. 2111100 | |
| SHEET NO. D4.1 | |

IRRIGATION DETAILS