GENERAL NOTES ADMINISTRATIVE NOTES ALL WORK SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF GOVERNING CODES LISTED IN "APPLICABLE CODES" AND ALL GOVERNING LOCAL CODES AND REGULATIONS. THE OWNER / ARCHITECT HAVE OBTAINED APPROVAL OF THE PRIMARY AUTHORITY HAVING WORK WILL NOT COMPLY WITH THE SAID TITLE 24, CALIFORNIA CODE OF REGULATIONS, JURISDICTION DSA. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL OTHER REQUIRED PERMITS PRIOR TO COMMENCEMENT OF CONSTRUCTION. BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK. UNLESS STATED OTHERWISE IN THE SPECIFICATIONS, SPECIAL INSPECTION IS REQUIRED FOR SHOP A COPY OF PARTS 1 AND 2, TITLE 24 C.C.R. SHALL BE KEPT ON THE JOB SITE AT ALL TIMES DURING AND FIELD STRUCTURAL WELDING. CONSTRUCTION. WHERE INCORPORATED IN THE CONSTRUCTION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN COPIES OF DSA PRE-APPROVALS FOR PRE-APPROVED ITEMS OR SYSTEMS INCORPORATED INTO THE CONSTRUCTION AND DISTRIBUTE TO OWNER'S REPRESENTATIVE, ARCHITECT AND APPROVED BY DSA PER SECTION 4-338, PART 1, TITLE 24 INSPECTOR. ALL TESTS TO CONFORM TO THE REQUIREMENTS OF SECTION 4-335, PART 1, TITLE 24. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO FURNISH AND INSTALL ALL MATERIALS AND WORK DESCRIBED. DEPICTED OR DETAILED WITHIN THESE DOCUMENTS REGARDLESS OF THE LOCATION OF THAT MATERIAL OR WORK WITHIN THE DOCUMENTS OR OMISSION (WHETHER DELIBERATE OR ACCIDENTAL) OF THAT MATERIAL OR WORK BY A SUBCONTRACTOR ON HIS/HER BID TEST MAY BE BACK CHARGED TO THE CONTRACTOR. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL CONSIDER THESE DOCUMENTS IN THEIR ENTIRETY. DISCREPANCIES OR CONTRADICTIONS BETWEEN PORTIONS OF THESE CONCRETE PER SECTION 4-331, PART 1, TITLE 24. DOCUMENTS MUST BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AT LEAST 72 HOURS PRIOR TO BID OPENING FOR CLARIFICATION. OTHERWISE, THE MOST RESTRICTIVE REQUIREMENT SHALL BE THIS PROJECT REQUIRES A DSA CERTIFIED PROJECT INSPECTOR. INSPECTOR SHALL BE IN FORCE AT NO ADDITIONAL COST TO THE OWNER. APPROVED BY DSA. INSPECTION SHALL BE IN ACCORDANCE WITH SECTION 4-333(B). THE DUTY OF THE INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-342, PART 1, TITLE 24. THE CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE SAFETY OF ALL PERSONS ON OR ABOUT THE CONSTRUCTION SITE. IN ACCORDANCE WITH APPLICABLE LAWS AND CODES. 8. SUPERVISION OF CONSTRUCTION BY DSA SHALL BE IN ACCORDANCE WITH SECTION 4-334, PART CONTRACTOR ESTABLISH PROCEDURES TO ASSURE ALL PERSONS ENTERING A POSSIBLY TITLE 24. HAZARDOUS AREA, INCLUDING WORKERS, SUBCONTRACTORS, OTHER CONTRACTORS, VISITORS, AND OTHERS ARE AWARE OF APPROPRIATE / REQUIRED SAFETY PROCEDURES. COMPLY WITH LOCAL, STATE, AND FEDERAL SAFETY STANDARDS, INCLUDING OSHA REQUIREMENTS AND WITH THE (FORM DSA-6 IN ACCORDANCE WITH SECTION 4-336 AND 4-343, PART 1, TITLE 24, SAFETY PROVISIONS OF THE LATEST MANUAL OF ACCIDENT PREVENTION PUBLISHED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA.). THE ARCHITECT AND THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTION 4-333(A) AND 4-341, PART 1, TITLE 24. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING TEMPORARY FENCING AND GATES, SIGNAGE, SECURITY LIGHTING OR OTHER SECURITY AND CONTROL MEASURES NECESSARY 11. THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH SECTION 4-343, PART 1 TO PROVIDE FOR THE SAFETY OF THE PUBLIC AND FACILITY USERS UNTIL THE COMPLETION OF THE TITLE 24. WORK 9. THE CONTRACTOR IS RESPONSIBLE TO FOR PROTECTION OF ADJACENT PROPERTY AND SHALL REPAIR AND / OR REPLACE ALL PROPERTY DAMAGED DURING THE COURSE ON THE WORK. A-6 AND SECTION 338(c) PARTt 1, TITLE 24 CCR. D. THE CONTRACTOR SHALL LIMIT HIS / HER ACTIVITY TO THE AREA DESCRIBED WITHIN THE DOCUMENTS UNLESS OTHERWISE PERMITTED BY THE OWNER'S REPRESENTATIVE. 1. THE CONTRACTOR IS RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ANY ITEMS DAMAGED OR DISTURBED DURING THE COURSE OF THE WORK. INSTALLATION SHALL MATCH EXISTING IN KIND, QUALITY, AND PERFORMANCE. 2. WHERE EXISTING CONSTRUCTION AND FINISHES ARE CUT, DAMAGED, OR REMODELED, PATCH WITH MATERIALS TO MATCH IN KIND, QUALITY, PERFORMANCE CHARACTERISTICS, AND APPEARANCE. 13. ALL DIMENSIONS ARE TO FACE OF STUD, UNLESS OTHERWISE NOTED. DIMENSIONS NOTED AS "CLR" MEAN CLEAR DIMENSION TO FACE OF FINISH. VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES FOUND. 4. VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES FOUND. VERIFY DIMENSIONS OF ALL OWNER-FURNISHED ITEMS, INCLUDING FURNITURE AND EQUIPMENT, TO ENSURE PROPER COORDINATION WITH CONSTRUCTION. 15. ALL ITEMS IN THESE DRAWINGS ARE NEW UNLESS OTHERWISE NOTED. 16. ALL UTILITIES REQUIRED FOR THE CONTINUOUS OPERATION OF ALL OCCUPIED EXISTING FACILITIES SHALL BE MAINTAINED IN SERVICE AT ALL TIMES. ANY SHUT DOWNS FOR NEW CONNECTIONS MUST BE COORDINATED WITH THE OWNER'S REPRESENTATIVE TWO WEEKS PRIOR TO THE REQUESTED SHUT DOWN. 7. COORDINATION WITH OTHER CONTRACTS: IF ANY PART OF THIS CONTRACTOR'S WORK DEPENDS UPON THE WORK OF A SEPARATE CONTRACTOR, THIS CONTRACTOR SHALL INSPECT SUCH OTHER WORK AND PROMPTLY REPORT IN WRITING TO THE OWNER'S REPRESENTATIVE ANY DEFECTS IN SUCH OTHER WORK THAT RENDER IT UNSUITABLE TO RECEIVE THE WORK OF THIS CONTRACTOR. FAILURE OF THIS CONTRACTOR TO SO INSPECT AND REPORT SHALL CONSTITUTE AN ACCEPTANCE OF THE OTHER CONTRACTOR'S WORK, EXCEPT AS TO DEFECTS WHICH MAY DEVELOP IN OTHER CONTRACTOR'S WORK AFTER EXECUTION OF THIS CONTRACTOR'S WORK. B. COORDINATION OF SCHEDULE: PORTIONS OF THIS WORK MAY BE REQUIRED TO BE COMPLETED ON SCHEDULE IN ORDER TO AVOID DELAY TO OTHER CONTRACTORS OR OWNERS OPERATIONS. CONTRACTOR SHALL STRICTLY ADHER TO ESTABLISHED COMPLETION DATES AS DESIGNATED IN THE SPECIFICATIONS AND COORDINATE WORK SCHEDULE WITH THE OWNER'S REPRESENTATIVE AND OTHER CONTRACTORS. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND LIQUIDATED DAMAGES. 9. SCHEDULE ALL WORK WITH THE OWNER'S REPRESENTATIVE, INCLUDING CONSTRUCTION ACCESS AND STORAGE, AND WORK OUTSIDE THE "EXTENT OF WORK" SET FORTH IN THESE DOCUMENTS. THE CONSTRUCTION SCHEDULE SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION. 20. CONSTRUCTION PROCEDURES SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO THE START OF CONSTRUCTION. 1. DEMOLITION IS NOT NECESSARILY LIMITED TO ONLY WHAT IS SHOWN ON THIS OR OTHER DRAWINGS OR AS OUTLINED IN THE SPECIFICATIONS. THE INTENT IS TO INDICATE GENERAL SCOPE OF DEMOLITION REQUIRED. CONTRACTOR SHALL INCLUDE ALL MISCELLANEOUS DEMOLITION, CUTTING AND PATCHING REQUIRED TO COMPLETE THE PROJECT IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS. 2. ALL ITEMS IDENTIFIED TO BE SALVAGED SHALL BE DELIVERED IN GOOD CONDITION TO A PLACE OF STORAGE AS DIRECTED BY THE OWNER'S REPRESENTATIVE. ALL OTHER ITEMS MUST BE DISPOSED OF OFF-SITE IN A LEGAL MANNER. 3. ARCHITECT IS NOT RESPONSIBLE FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL OR DISPOSAL OF, OR EXPOSURE OF PERSONS TO, HAZARDOUS MATERIALS OR TOXIC SUBSTANCES IN ANY FORM AT THE PROJECT SITE. TO THE EXTENT THESE DOCUMENTS RELATE TO SUCH ISSUES, ARCHITECT'S PARTICIPATION IS SOLELY ADMINISTRATIVE WITHOUT ANY RESPONSIBILITY FOR THE CONTENT OR EXECUTION OF SUCH DOCUMENTS. 4. DETAIL DRAWINGS WITH REFERENCES TO FIRE-RATED ASSEMBLIES OR CONSTRUCTION WHICH HAVE BEEN TESTED BY UNDERWRITERS LABORATORIES. THE CALIFORNIA BUILDING CODE OR ANY OTHER APPROVED TESTING AGENCY, SHALL BE CONSTRUED TO INCLUDE ALL WORK AND PROCEDURES CONTAINED IN THE REFERENCED ASSEMBLY DESCRIPTION .. 25. ALL PIPE AND DUCT PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE FIRE STOPPED AND SEALED TO MAINTAIN THE REQUIRED RATING. 26. CONTRACTOR TO MAINTAIN CONTEMPORANEOUSLY RECORDED "AS-BUILT" INFORMATION OF ALL WORK, WHICH SHALL BE MARKED IN COLOR ON THE DRAWINGS AND SPECIFICATIONS. A SCANNED PDF OF THE "AS-BUILT" DRAWINGS AND SPECIFICATIONS SHALL BE TURNED OVER TO THE OWNER'S REPRESENTATIVE PRIOR TO FINAL APPLICATION FOR PAYMENT. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS. 27. CONTRACTOR SHALL PROVIDE TEMPORARY PROTECTION AND DUST COVERS ADJACENT TO ACTUAL SYSTEMS TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR OCCUPIED AREAS AS REQUIRED TO CONTAIN DUST AND DEBRIS WITHIN CONSTRUCTION AREA. STRUCTURAL ENGINEER AND APPROVED BY THE DSA. BROOM CLEAN ALL AREAS, INCLUDING SIDEWALKS AND DRIVEWAYS EACH DAY. KEEP DIRT AND DUST TO A MINIMUM. - BLEACHERS 28. WORK SHALL BE EXECUTED IN A CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE DISTURBANCE TO PUBLIC AND TO OCCUPANTS OF EXISTING BUILDING. 29. CLEAN ALL EXPOSED SURFACES AND NEW EQUIPMENT AFTER COMPLETION.

YUBA COMMUNITY COLLEGE DISTRICT **NEW SOFTBALL FIELD & SITE IMPROVEMENTS**

YUBA COMMUNITY COLLEGE

Berek Dr 7-Eleven

River Bank Dr

River Rock Dr

River Wood Dr Cling Dr

2088 NORTH BEALE ROAD MARYSVILLE, CA 95901

THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE SCOPE OF THE **PROJECT** IN ACCORDANCE WITH TITLE 24. CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS SUCH THAT THE FINISHED CONSTRUCTION CHANGE DOCUMENTS DETAILING AND SPECIFYING THE REQUIRED WORK SHALL

. ALL CONSTRUCTION CHANGE DOCUMENT AND ADDENDA TO BE SIGNED BY THE ARCHITECT AND THE OWNER AND APPROVED BY DSA. CONSTRUCTION CHANGE DOCUMENTS ARE NOT VALID UNTIL

. TESTS OF MATERIALS AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335 OF PART 1, TITLE 24 AND THE DISTRICT SHALL EMPLOY AND PAY THE LABORATORY. COSTS OF RE-

DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF

). CONTRACTOR, INSPECTOR, ARCHITECT, AND ENGINEERS SHALL SUBMIT VERIFIED REPORTS

12. SUBSTITUTIONS AFFECTING DSA-REGULATED ITEMS SHALL BE CONSIDERED AS CONSTRUCTION DOUCMENTS (CCD's) AND SHALL BE APPROVED PRIOR TO FABRICATION INSTALLATION PER DSA-IR

| APPLICABLE CODES | OWNER | INDEX OF DRAWINGS # OF SHEETS: 53 |
|--|--|---|
| <section-header><section-header><section-header><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text></text></text></text></text></text></section-header></section-header></section-header> | <section-header><section-header><section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header></section-header></section-header> | INDEX OF DRAWINGS DOT SHEETS - 33 ARCHTECTURAL ACCITES TURAL ACCITES - 100 STATUS ACCITES - 100 STATUS A101 TITLE SHEET ACCISSIBLITY PLANA ACCISSIBLITY PLANA A103 PARTILA SITE - PLANA - ADOTRALL PELD ACCISSIBLITY PLANA A103 PARTILA SITE - PLANA - ADOTRALL PELD ACCISSIBLITY PLANA A103 PARTILA SITE - PLANA - ADOTRALL PELD ACCISSIBLITY PLANA A104 PLANAGED ENVERTIG DEVERTIGN & PARKING PLANS ACCISSIBLITY DOOR & ADOT PLAN EXT & INTERIOR FLANK PLANA A101 DUCOUT FLOOR AND COR PLANS ACCISSIBLITY DETAILS STRUCTURAL STRUCTURAL SPECIAL INSPECTIONS AND TESTING SACING SECTING AND ECTALS S101 OBMERAL NOTES SIGN DUCOUT FLOOR AND BCOF PLAN S101 STRUCTURAL SPECIAL INSPECTIONS AND TESTING SACING SECTING AND ECTALS S101 STRUCTURAL SPECIAL INSPECTIONS AND TESTING SACING SECTING AND ECTALS S101 STRUCTURAL SPECIAL INSPECTIONS AND TESTING SACING SECTING AND ECTINGAL S101 ELECTRICAL STRUCTURAL SECTING AND ECTINGAL S101 ELECTRICAL ONE-LINE DISPECTIONS AND ECTINGS SACING AND ECTINGAL |
| | EXISTING CONDITIONS | |
| | | |
| VICINITY MAP NO SCALE | SCOPE OF WORK | STATEMENT OF GENERAL CONFORMANCE |
| Betania Romanian Pentecostal Church Pentecostal Chu | SITE WORK NEW SOFTBALL FIELD INCLUDING GRADING, DUGOUTS, FENCING & GATES, BLEACHERS, BULLPENS, AND BATTING CAGES. NEW ACCESSIBLE PARKING LOT 1 UPGRADE (E) ACCESSIBLE PARKING AT (E) PARKING LOTS 2 & 3 RESTROOMS UPGRADE (E) MENS AND WOMENS RESTROOMS TO BE CODE COMPLIANT. | BELOW IS A STATEMENT OF GENERAL CONFORMANCE AS PER DSA IR A-18 AND OR IR A-19. FOR ARCHITECTS / ENGINEERS WHO UTILIZE PLANS, INCLUDING BUT NOT LIMITED TO SHOP DRAWINGS, PREPARED BY OTHER LICENSED DESIGN PROFESSIONALS AND / OR CONSULTANTS. THE DRAWINGS OR SHEETS LISTED ON THE COVER OF INDEX SHEET 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, AND 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 SECTION 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 4-317 (b)). |
| POW/ MIA Park Sane Content of the Jam Nest Studios Rupert Ave Rupert Ave | | SIGNATURE OF ARCHITECT/ENGINEER DATE W. LEE POLLARD LICENSE # C-13315 |

DEFERRED APPROVALS

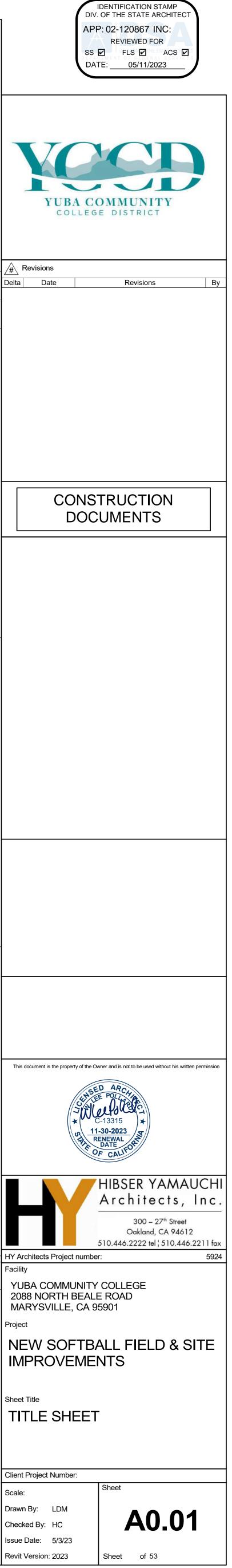
FABRICATION AND INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECIFICATIONS, AND ENGINEERING CALCULATIONS FOR THE

1 1/2" = 1'-0"

3" = 1'-0"

FILE: 58-C1 APPL: 02-120867

W. LEE POLLARD LICENSE # C-13315 EXP.: 11/30/23



25'

12'

0 1'

6'

0

| 1/4" = 1'-0" | 1/2" = 1'-0" | 3/4" = 1'-0" | | |
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| | | | &@₽Ø# AAAAAAAAAAAA BBBBBBBB ABECCCCCCCCCCCCCC | AND AT CENTERLINE DIAMETER POUND OR NUMBER ARCONDITIONING ASPHALTIC CONCRE ACOUSTIC CELLING ADDITIONA ADDITEC ADDITIONA ADDITECTURAL ACOUSTIC CELLING ADDITIONA ADDIZED ADDITIONA ADDIZED ADDITIONA ANDIZED ACOUSTIC CELLING ADDITION BETWEEN BUILT-UP ROOFING BUILT-UP ROOFING BUILT-UP ROOFING CONTRUCTOR FURN CONTRACTOR FURN CONTRACTOR FURN CONTRACTOR FURN CONTRACTOR FURN CONTROL JOINT CELLING CLOSET CLEAR CONTROL JOINT CELLING CLOSET CLEAR CONSTRUCTION CONTRUCTION CONTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION DEPARTMENT PRIVISION DOWNSPOUT DETAIL DIAGONAL DISHORSON DUNSON DOWNSPOUT DETAIL DISHWASHER DRAWING EAST EACH EXISTING EAST EXISTING EAST EACH EXISTING EAST EACH EXISTING EAST EACH EXISTING EAST EXISTING EXI |
| | | | RB RCP RD REF REFR REINF REQ | RESILIENT OR RUBB REFLECTED CEILING ROOF DRAIN REFERENCE REFRIGERATOR REINFORCED REQUIRED |

0 1' 3' 1" = 1'-0"

4'

ABBREVIATIONS

| NE | S SC SCD SCHED |
|---|---|
| NUMBER | SCHED SD SED |
| TIONING CONCRETE | SF SFPD SHT |
| AL CEILING TILE | SIM SLD SMD |
| ISHED FLOOR E | SMS SND SPD |
| ATE TURAL | SPEC SQ SS SSD |
| JS | STD STL STOR STRUCT SUSP |
| ROOFING | TEL TEMP THK |
| SIN FOR FURNISHED CONTRACTOR INSTALLED GUARD JOINT | T.O. TOC TOP TOS TOW TPD TV |
| E MASONRY UNIT T | TYP |
| 'ION | UON |
| E CTION US | VCT VERT VEST VIF |
| TILE | |

FOUNTAIN DROP INLET

'ST FAN `N JOINT

Y VEHICLE ACCESS

GUISHER GUISHER CABINET

ONCRETE NISH

JD REINFORCED PANEL ET

SHEET METAL

RE ETAL

DLT

NSITY FIREBOARD JRER

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ABLE

TRACT

NISHED CONTRACTOR INSTALLED NISHED OWNER INSTALLED

/INATE

/EL DISPENSER CHLORIDE

OR RUBBER BASE CEILING PLAN

FOR

LOORING

| NG EADER | |
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SOUTH SOLID CORE SEE CIVIL DRAWINGS SCHED SCHEDULE SOAP DISPENSER SEE ELECTRICAL DRAWINGS SQUARE FEET SEE FIRE PROTECTION DRAWINGS SHEET SIMILAR SEE LANDSCAPE DRAWINGS SEE MECHANICAL DRAWINGS SHEET METAL SCREW SANITARY NAPKIN DISPENSER SEE PLUMBING DRAWINGS SPECIFICATION SQUARE STAINLESS STEEL SSD SEE STRUCTUR SSD SEE STRUCTUR STD STANDARD STL STEEL STOR STORAGE STRUCT STRUCTURAL SEE STRUCTURAL DRAWINGS SUSPEND TELEPHONE TEMPORARY THICK TOP OF TOP OF CURB TOP OF PARAPET TOP OF SLAB TOP OF WALL TOILET PAPER DISPENSER TELEVISION TYPICAL UNLESS OTHERWISE NOTED VINYL COMPOSITION TILE VERTICAL VESTIBULE VERIFY IN FIELD WEST WITH WITHOUT

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WATER CLOSET WOOD WATER HEATER

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W/O WC

WD

WH

1 1 1/2" = 1'-0"

2'

IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT SCALE ACCORDINGLY 3" = 1'-0"

SYMBOLS

A 1 GRID LINE **BUILDING ELEVATION** 1 - ELEVATION IDENTIFICATION A3.01 - SHEET WHERE ELEVATION IS SHOWN BUILDING OR WALL SECTION A3.01 - SHEET WHERE SECTION IS SHOWN \checkmark DETAIL A3.01 - SHEET WHERE DETAIL IS SHOWN INTERIOR ELEVATION(S) DETAIL NO. OF ELEVATION D NO ARROWS MEAN ELEVATION NOT SHOWN SHEET WHERE ELEVATION C 🔪 IS SHOWN - ELEVATION IDENTIFICATION <u>, REVISIONS</u> **REVISION NUMBER, SEE REVISION** REVISION NUMBER, SEE REVIS SCHEDULE ON TITLE BLOCK ------ AREA OF REVISION ROOM IDENTIFICATION CORR - ROOM NAME CORRD - KAISER ROOM CODE NAME 2088 9'-0" - CEILING HEIGHT (OTHER THAN EXISTING OR 8'-0" A.F.F.) KEYNOTE TAG REFER TO KEYNOTE LIST LOCATED ON PLAN SHEETS 00.00

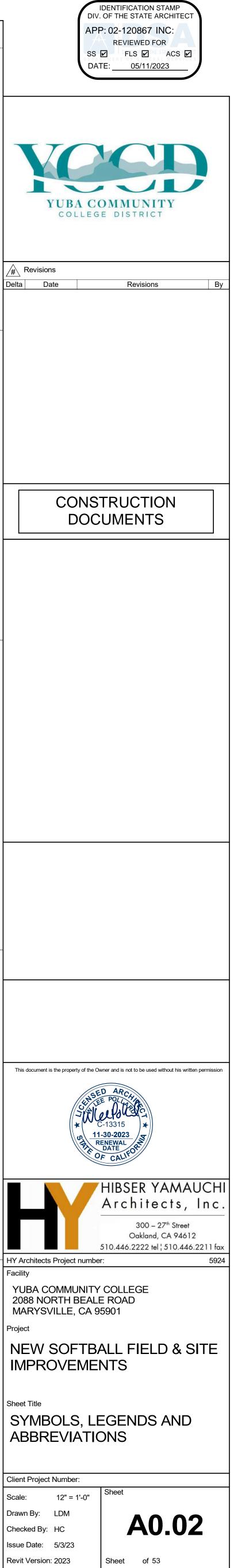
AREA OF NO WORK DOOR TAG (SEE DOOR SCHEDULE) K - HARDWARE GROUP

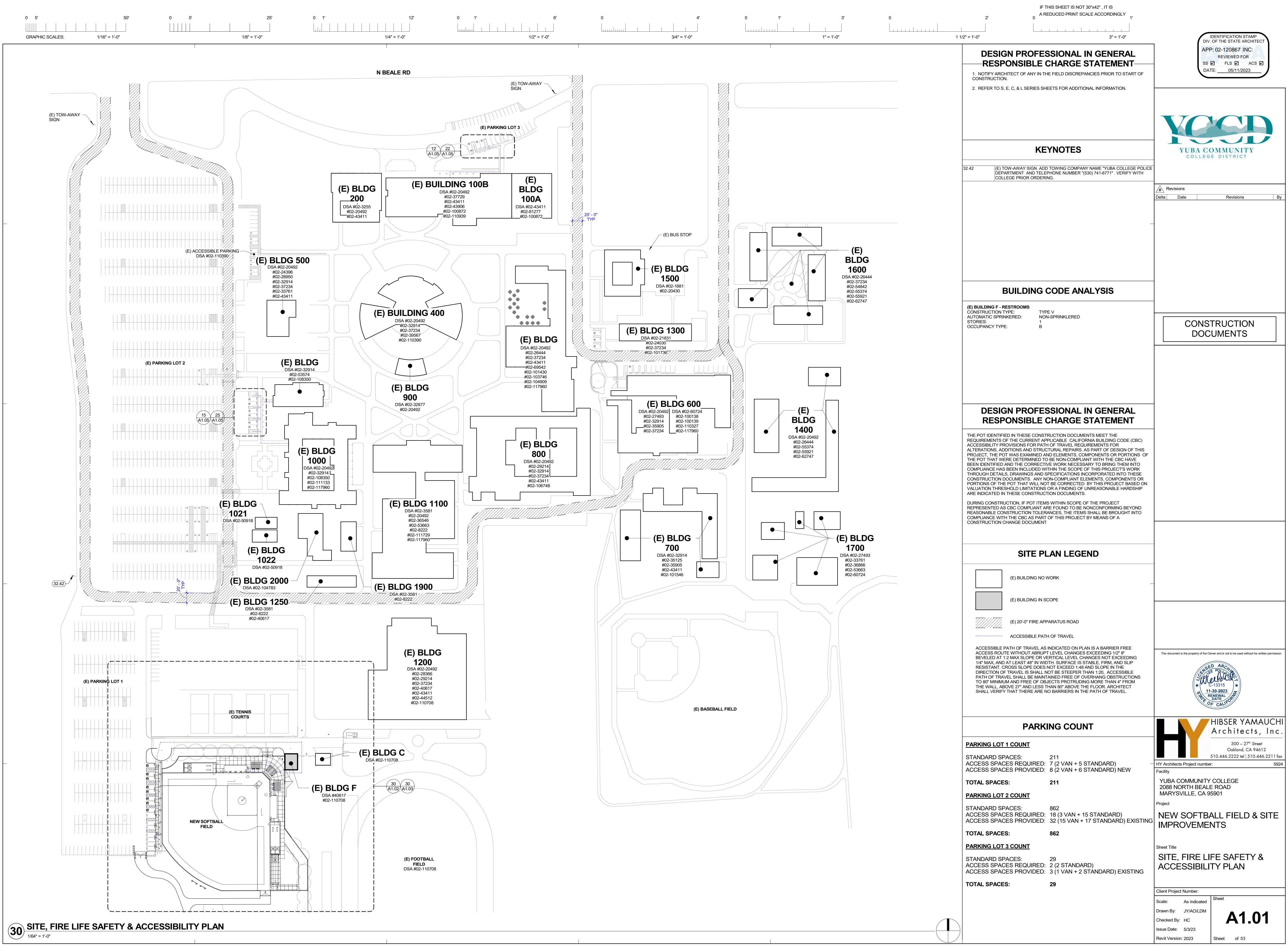
(E) DOOR TO REMAIN (E) DOOR TO BE REMOVED

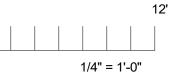
> (N) DOOR & DOOR FRAME WALL TAG

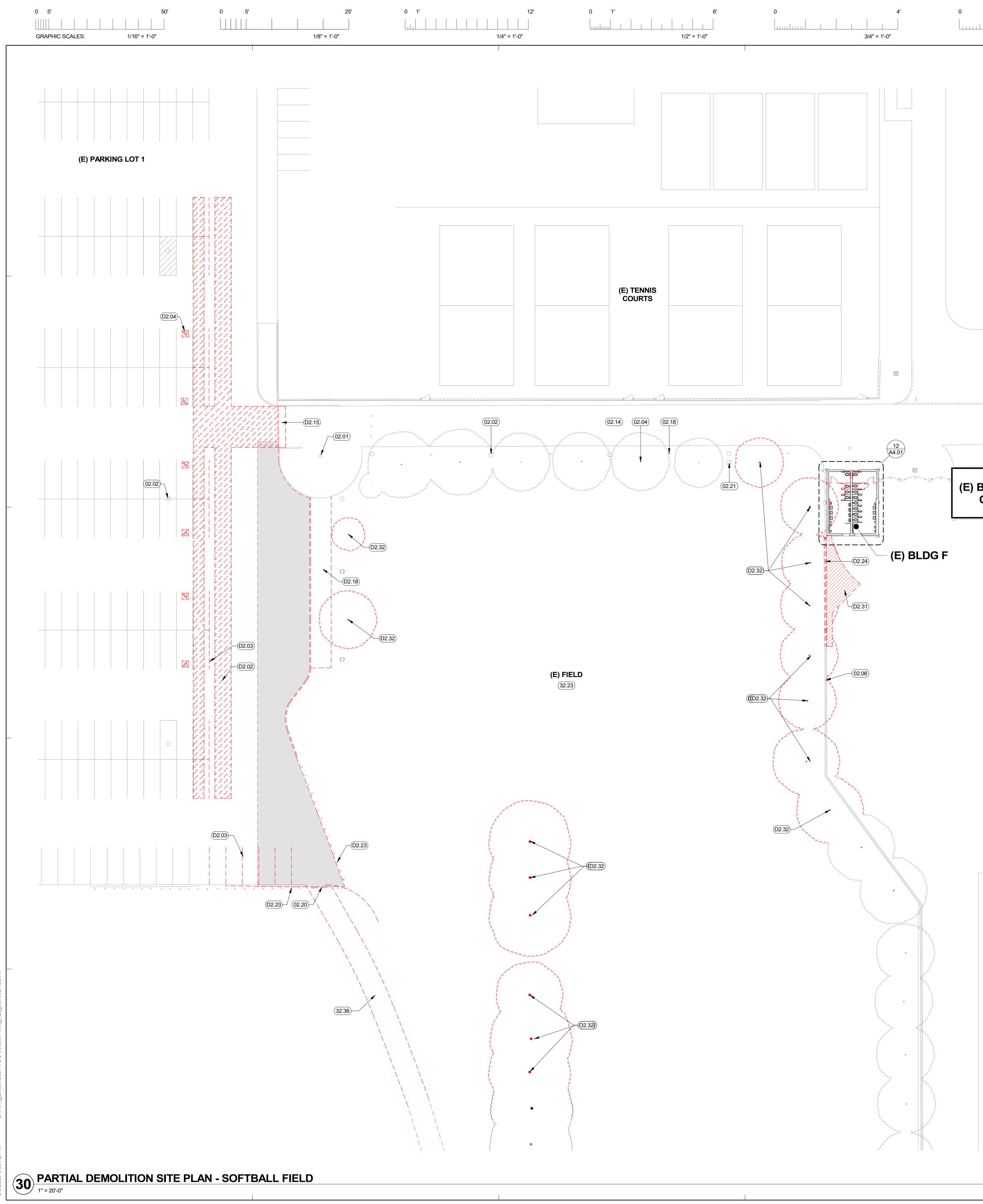
X# ----- WALL TYPE - REFER TO DRAWING SHEET A9.01

WINDOW TAG (SEE WINDOW SCHEDULE)



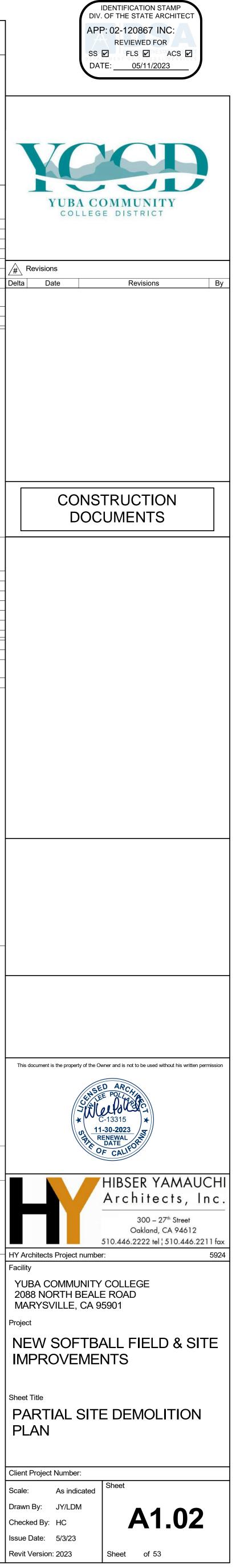


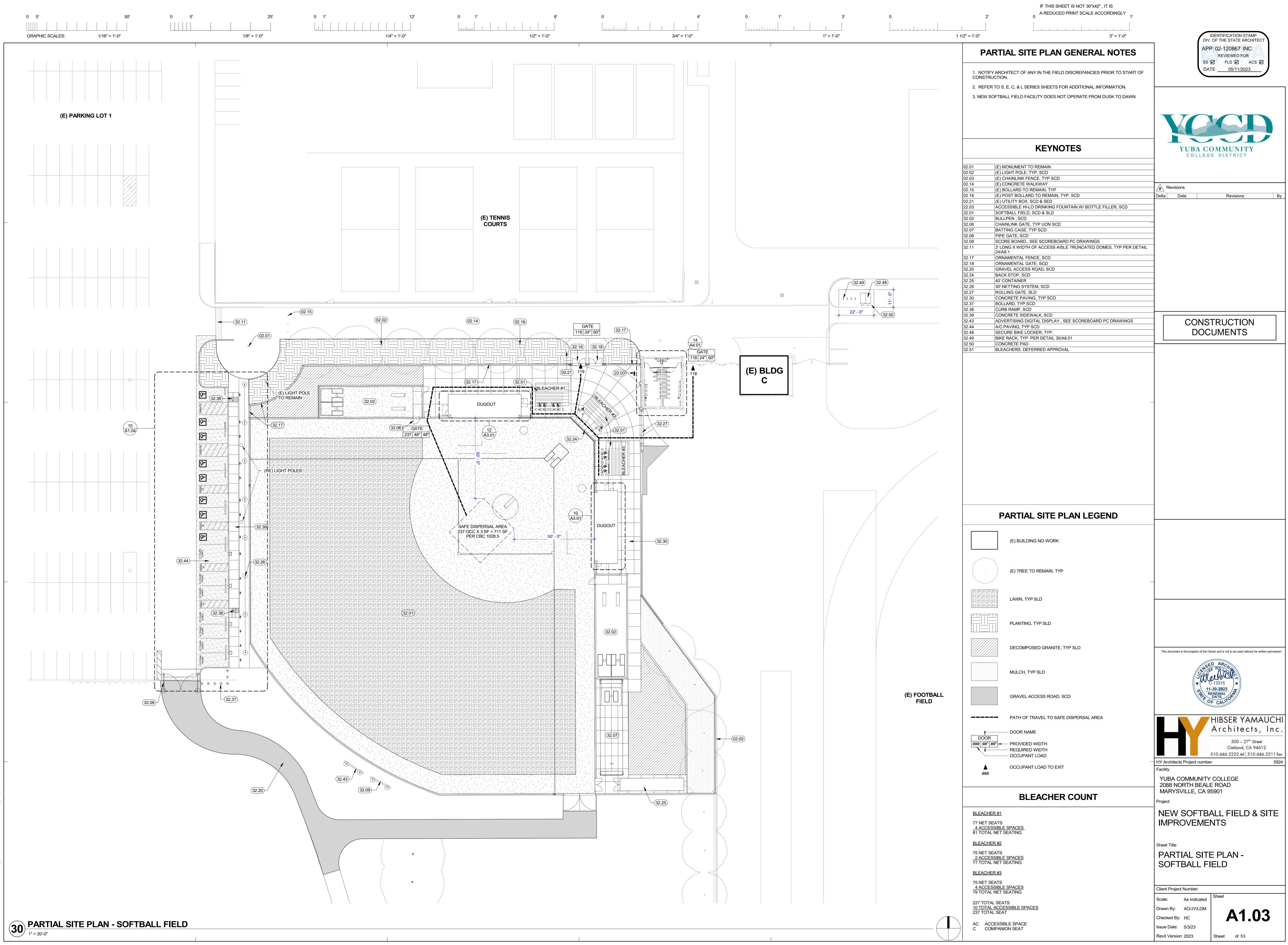




2023 5:35:42 PM C:\Revit Locals\5924 YCC Softball Field R23 aunoJDA58.rv

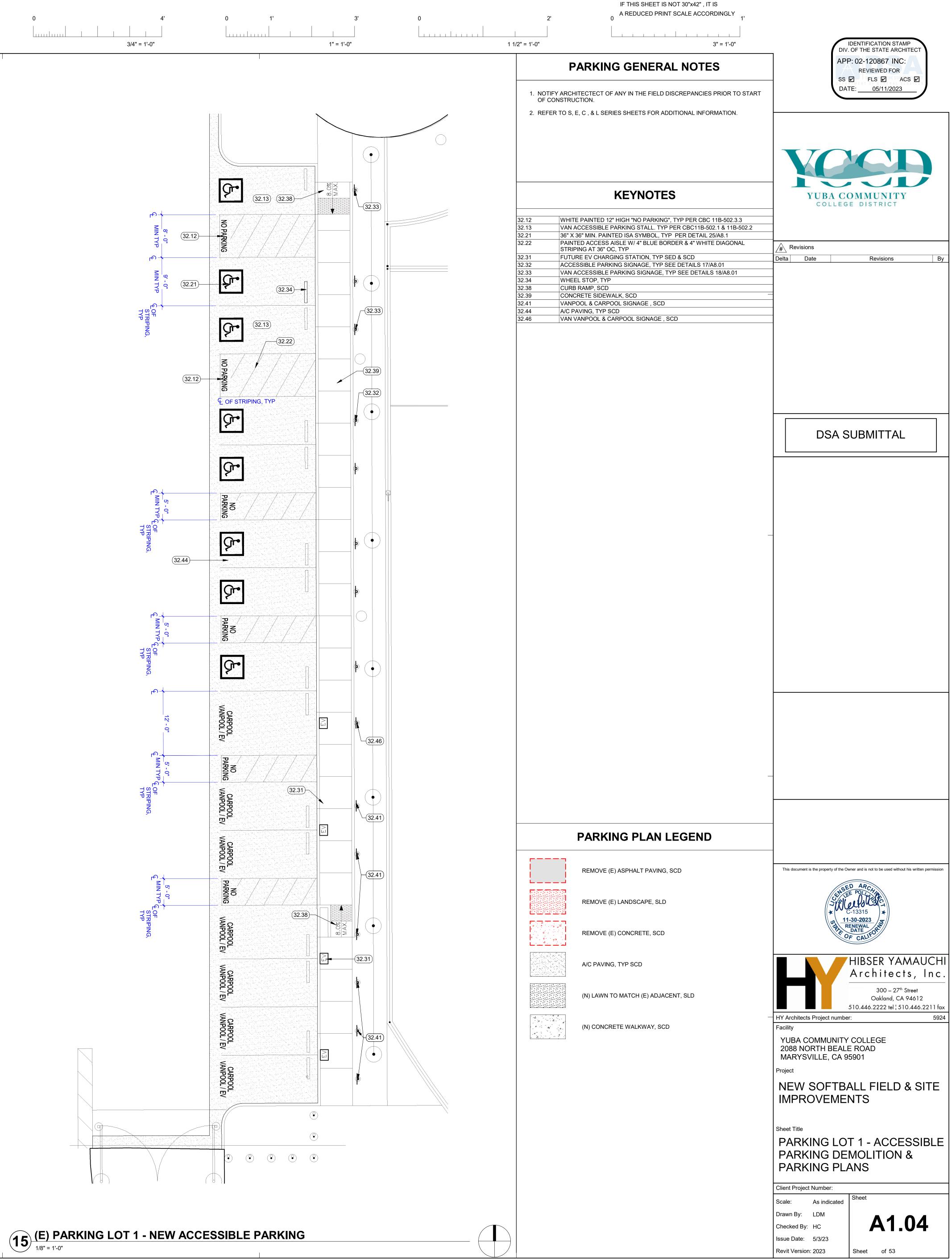
| 1' | 3' | 0 | | IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT SCALE ACCORDINGLY 1' |
|------|------------|-----------------------|-------------------------|--|
| | | | | |
| | 1" = 1'-0" | | 1 1/2" = 1'-0" | 3" = 1'-0" |
| | | | | DEMO SITE PLAN GENERAL NOTES |
| | | | | TIFY ARCHITECT OF ANY IN THE FIELD DISCREPANCIES PRIOR TO START OF STRUCTION. |
| | | | | FER TO S, E, C, & L SERIES SHEETS FOR ADDITIONAL INFORMATION. |
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| | | | | |
| | | | | DEMO NOTES |
| | | | | |
| | | | D2.02 D2.03 D2.04 | REMOVE (E) PAINTED STRIPING AND BORDER, TYP SCD REMOVE (E) PANTED PARKING STALL STRIPING, TYP SCD REMOVE (E) PAINTED ISA SYMBOL, TYP SCD |
| | | | D2.15 D2.18 | REMOVE (E) TRUNCATED DOMES, TYP. REMOVE (E) CONCRETE PAVING, SCD |
| | | | D2.23 D2.24 | REMOVE (E) BOLLARD, TYP SCD REMOVE PORTION OF (E) CHAINLINK FENCE FOR NEW ROLLING GATE. SCD & PARTIAL SITE PLAN |
| | | | D2.31 D2.32 | SAWCUT & REMOVE (E) ASPHALT PAVING, SCD REMOVE (E) TREE, SCD & SLD |
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| | | | | KEYNOTES |
| | | | 02.01 | (E) MONUMENT TO REMAIN (E) LIGHT POLE, TYP, SCD |
| BLDG | , | | 02.04 02.08 | (E) TREE TO REMAIN, TYP UON (E) CHAINLINK FENCE, TYP UON |
| C | | | 02.14 02.18 02.20 | (E) CONCRETE WALKWAY (E) POST BOLLARD TO REMAIN, TYP. SCD REMOVE (E) CONCRETE CURB, SCD |
| | | | 02.21 32.23 | (E) UTILITY BOX. SCD & SED REMOVE ALL PLANTS, SHRUB, VEGETATION, IRRIGATION SYSTEM AND |
| | | | 32.38 | REGRADE PER SCD & SLD CURB RAMP, SCD |
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| | | (E) FOOTBALL FIELD | | DEMOLITION SITE PLAN LEGEND |
| | | | | (E) BUILDING NO WORK |
| | | | | |
| | | | | REMOVE (E) ASPHALT PAVING, SCD |
| | | | | ~ ~ |
| | | | | REMOVE (E) TREE, SLD |
| | | | ¹ 7~~ | |
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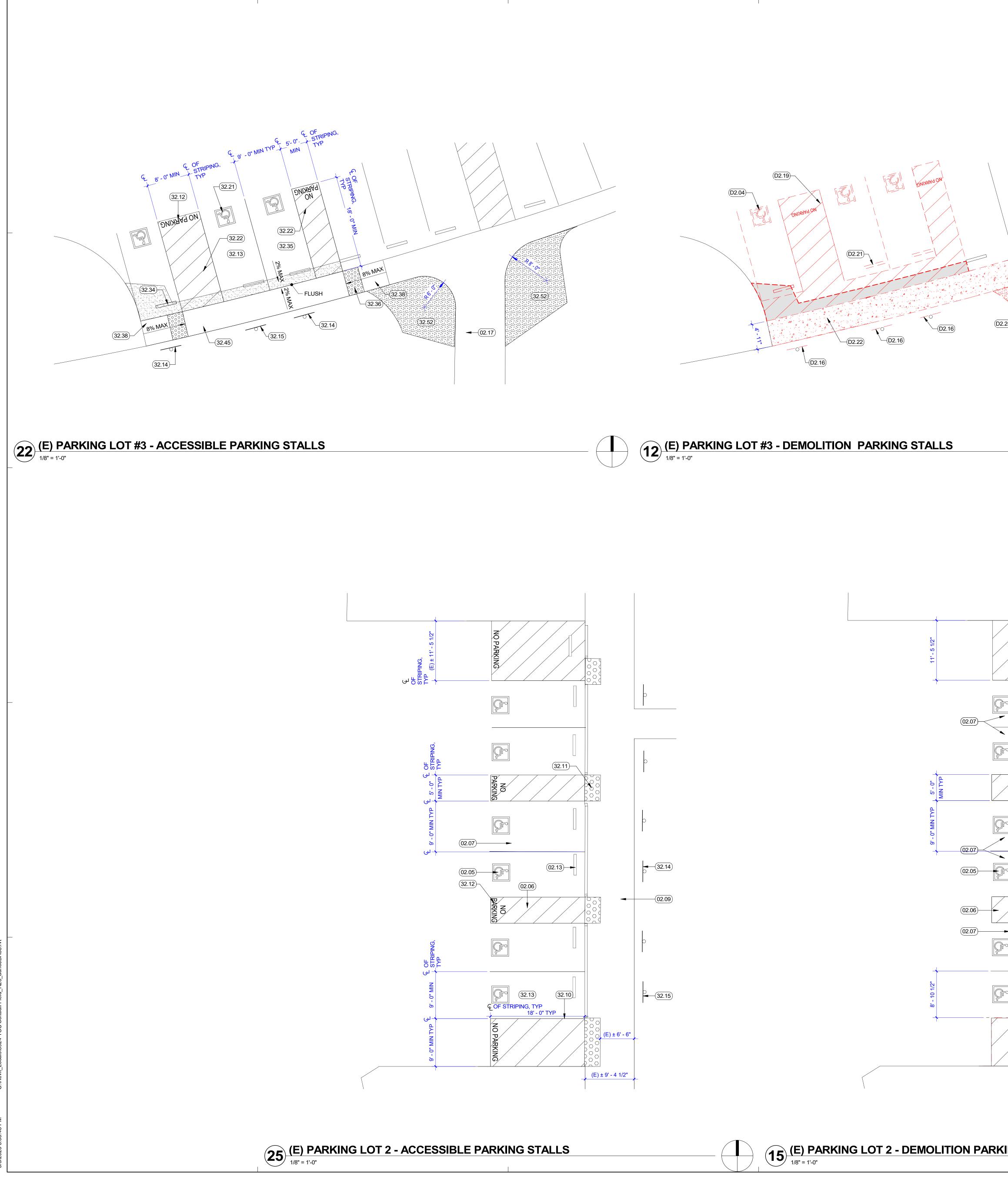




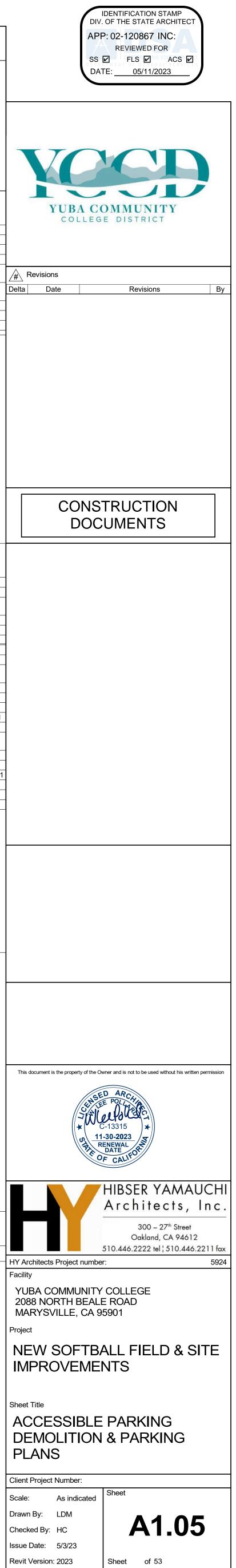
25'

6'



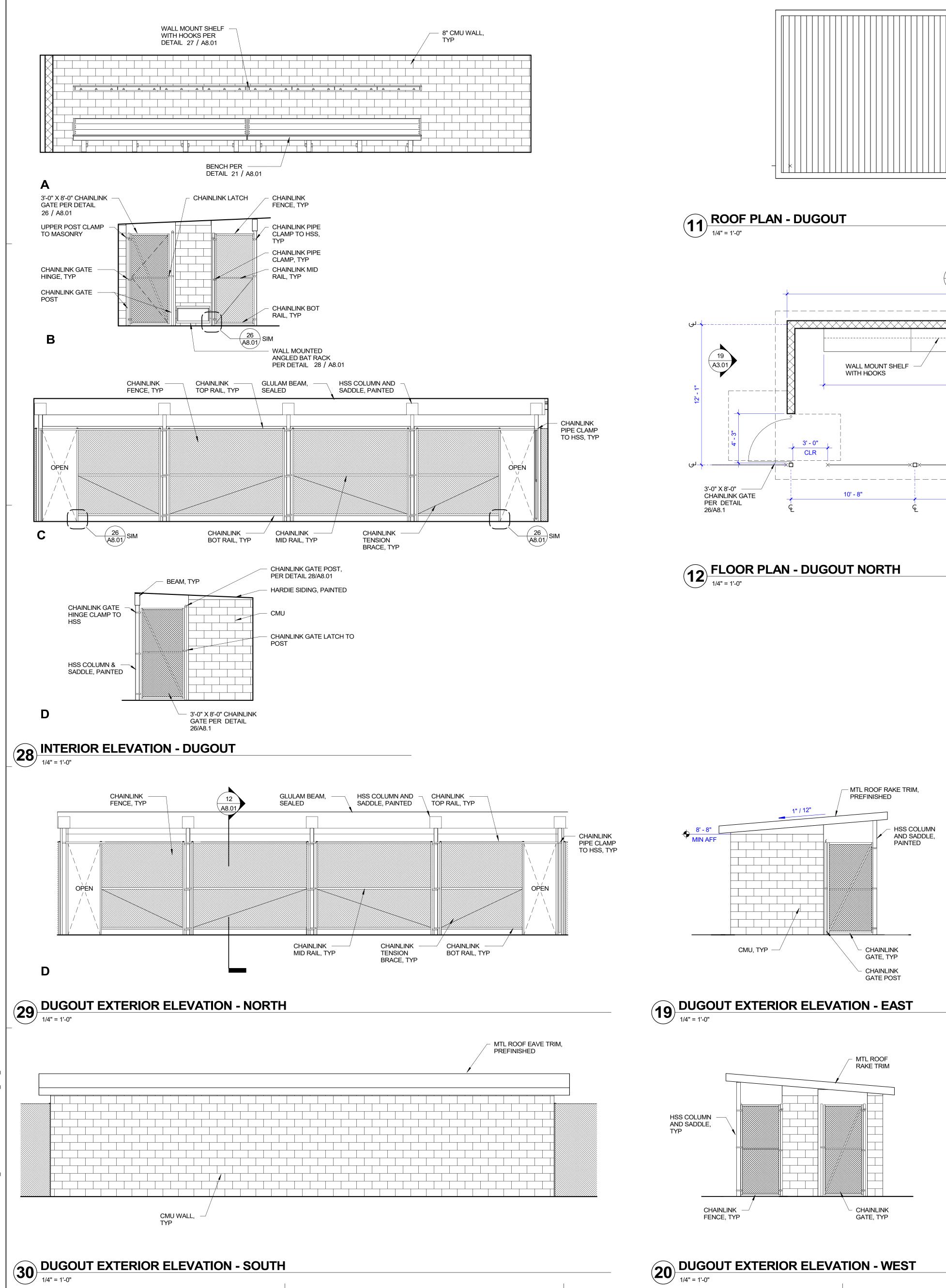


| 1' | 3' | 0 | 2' | IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT SCALE ACCORDINGLY 1' | |
|--------------|----------------|--------------|-------------------------------|--|--------------|
| 1" | ' = 1'-0" | | OF CONS | 3" = 1'-0" PARKING GENERAL NOTES ARCHITECTECT OF ANY IN THE FIELD DISCREPANCIES PRIOR TO START STRUCTION. O S, E, C , & L SERIES SHEETS FOR ADDITIONAL INFORMATION. | |
| | | | | | |
| | | | | DEMO NOTES REMOVE (E) PAINTED ISA SYMBOL, TYP SCD | - |
| | | | D2.16 F D2.17 F | REMOVE (E) TRUNCATED DOMES, TYP. REMOVE (E) ACCESSIBLE PARKING SIGNAGE, TYP POST TO REMAIN REMOVE (E) PAINTED 4" BLUE BORDER AND PORTION OF DIAGONAL STRIPING. REMOVE (E) PAINTED PARKING STALL STRIPING, ACCESS AISLE BORDER, | |
| | | | D2.21 F D2.22 F | AND DIAGONAL STRIPING & "NO PARKING", TYP REMOVE (E) WHEEL STOP, TYP REMOVE PORTION OF (E) SIDEWALK REMOVE (E) CONCRETE | |
| D2.25 | | | | | |
| | | | | KEYNOTES | |
| | | | 02.06 | E) 36" X 36" MIN. PAINTED ISA SYMBOL, TYP PER CBC 11B-502.6.4.1 E) ACCESS AISLE W/ PAINTED 4" BLUE BORDER AND WHITE DIAGONAL STRIPING, TYP | - |
| | | | 02.09 (02.13 (02.17 (| E) ACCESSIBLE PARKING STALL PER DETAIL 20/A8.1 E) SIDEWALK, TYP E) WHEEL STOP, TYP E) CONCRETE WALKWAY PAINTED 4" BLUE BORDER | - |
| | | | 32.11 2 32.12 V 32.13 V | 3' LONG X WIDTH OF ACCESS AISLE TRUNCATED DOMES, TYP PER DETAIL 24/A8.1 WHITE PAINTED 12" HIGH "NO PARKING", TYP PER CBC 11B-502.3.3 /AN ACCESSIBLE PARKING STALL. TYP PER CBC11B-502.1 & 11B-502.2 | - |
| | | | 32.15 N 32.21 3 32.22 F | ACCESSIBLE PARKING SIGNAGE ON (E) POST, TYP PER DETAIL 17/A8.01 /AN ACCESSIBLE PARKING SIGNAGE ON (E) POST, TYP PER DETAIL 18/A8.01 36" X 36" MIN. PAINTED ISA SYMBOL, TYP PER DETAIL 25/A8.1 PAINTED ACCESS AISLE W/ 4" BLUE BORDER & 4" WHITE DIAGONAL STRIPING AT 36" OC, TYP | _ |
| | | | 32.34 V 32.35 A 32.36 3 | WHEEL STOP, TYP ACCESSIBLE PARKING STALL TYP PER DETAIL 20/A8.01 3' LONG X WIDTH OF WALKWAY TRUNCATED DOMES, TYP PER DETAIL24/A8.1 CURB RAMP, SCD | - |
| | | | 32.45 0 | CONCRETE WALKWAY, TYP SCD LAWN TO MATCH (E) ADJACENT, SLD | - |
| | | | | | |
| | | | | | |
| | | | | _ | - |
| 02.13 | | | | | |
| | D2.15 | | | | |
| | | | | | |
| | | | | | |
| | 0 | -(D2.16) | | | |
| - | | 2.09 | | PARKING PLAN LEGEND | - |
| | 0 | | | REMOVE (E) ASPHALT PAVING, SCD | - H F: |
| | | | | REMOVE (E) LANDSCAPE, SLD | P |
| | | | | REMOVE (E) CONCRETE, SCD | |
| | 6' - 6" | | | A/C PAVING, TYP SCD | s |
| | 9' - 4 1/2" | | | (N) LAWN TO MATCH (E) ADJACENT, SLD | |
| | | | | (N) CONCRETE WALKWAY, SCD | C S |
| RKING STALLS | | | | | D C Is |
| I | | | / | | R |





25'



A8.01

43' - 4"

ROOF LINE ABOVE

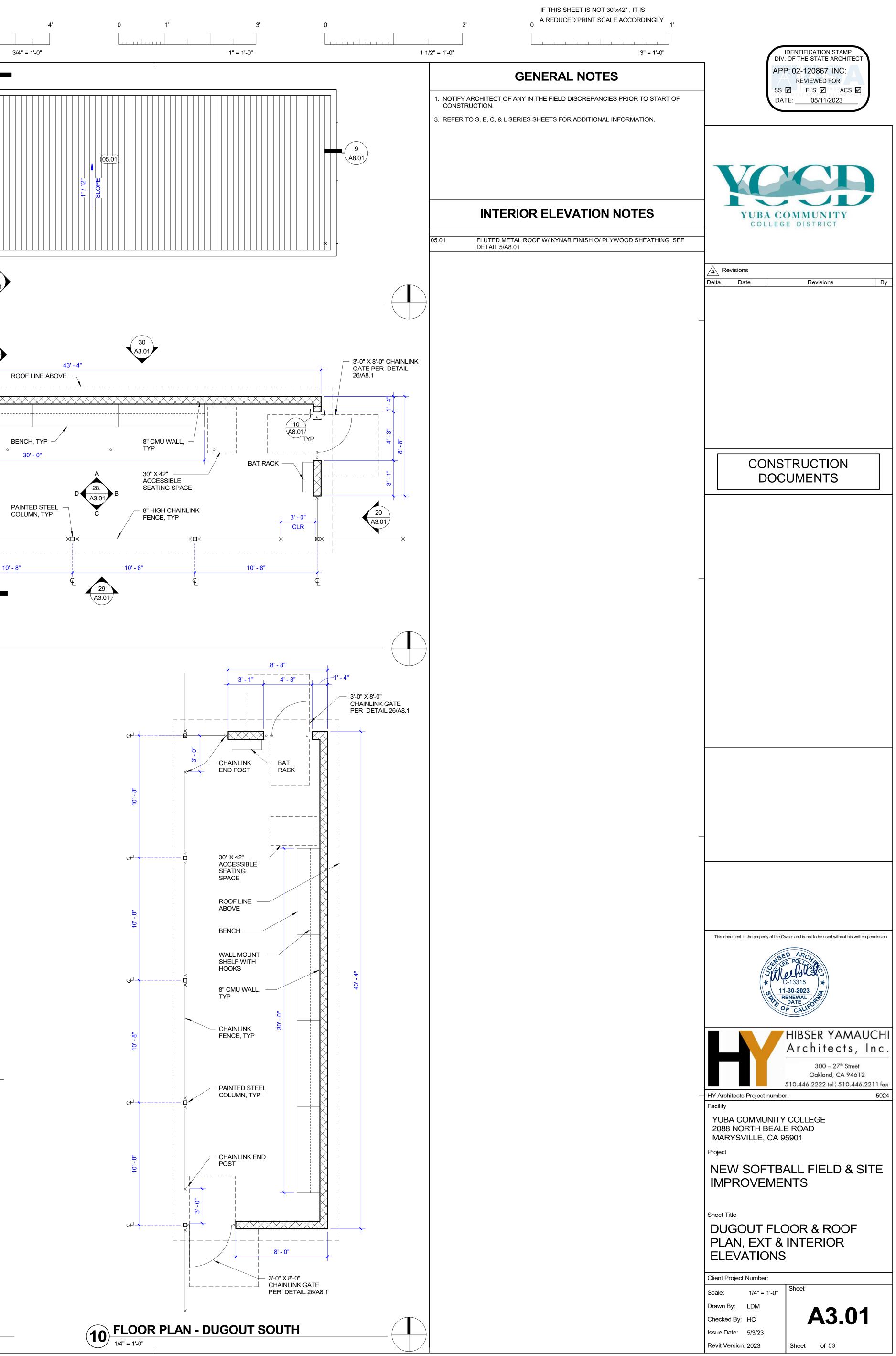
BENCH, TYP

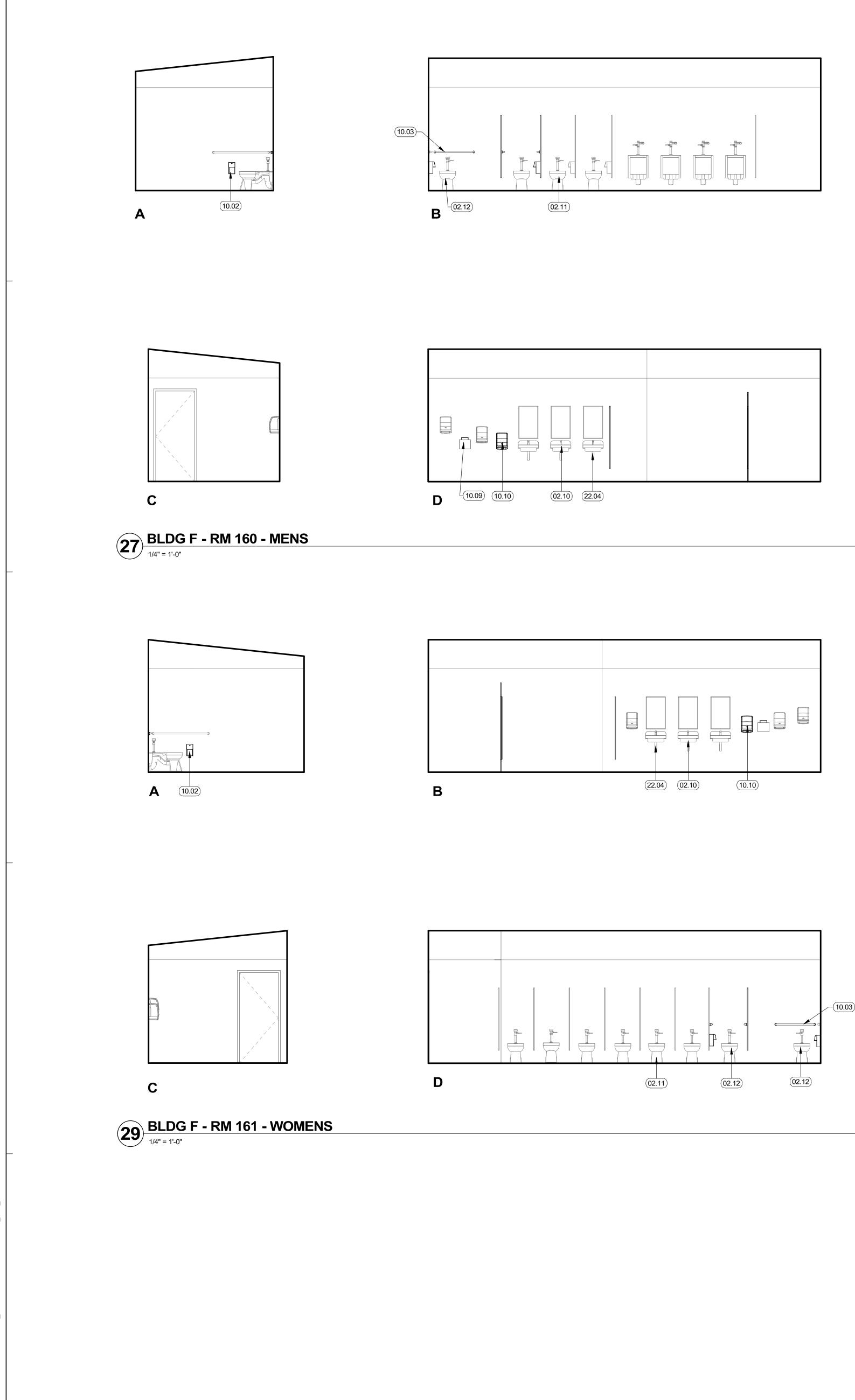
30' - 0"

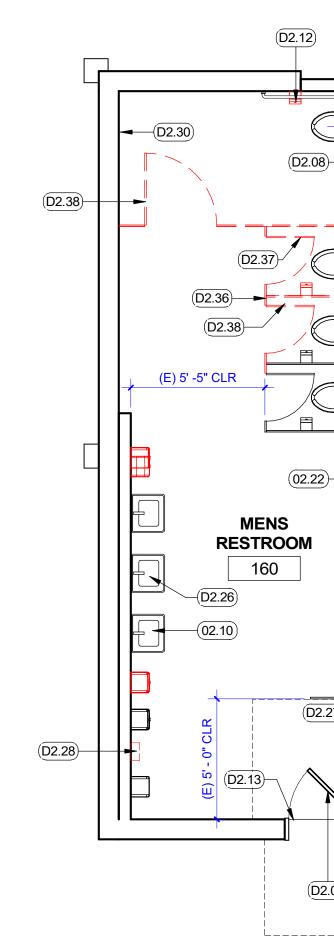
PAINTED STEEL

COLUMN, TYP

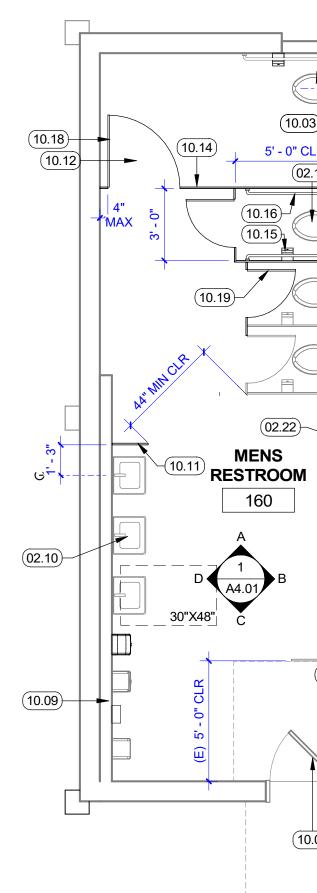
10' - 8"





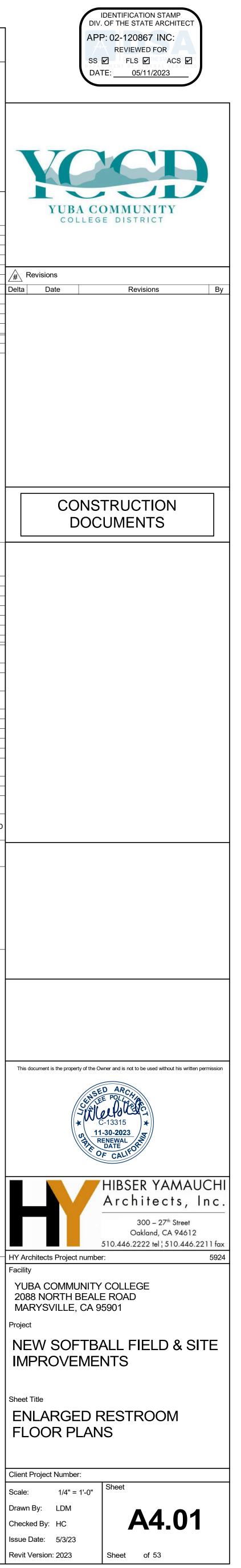


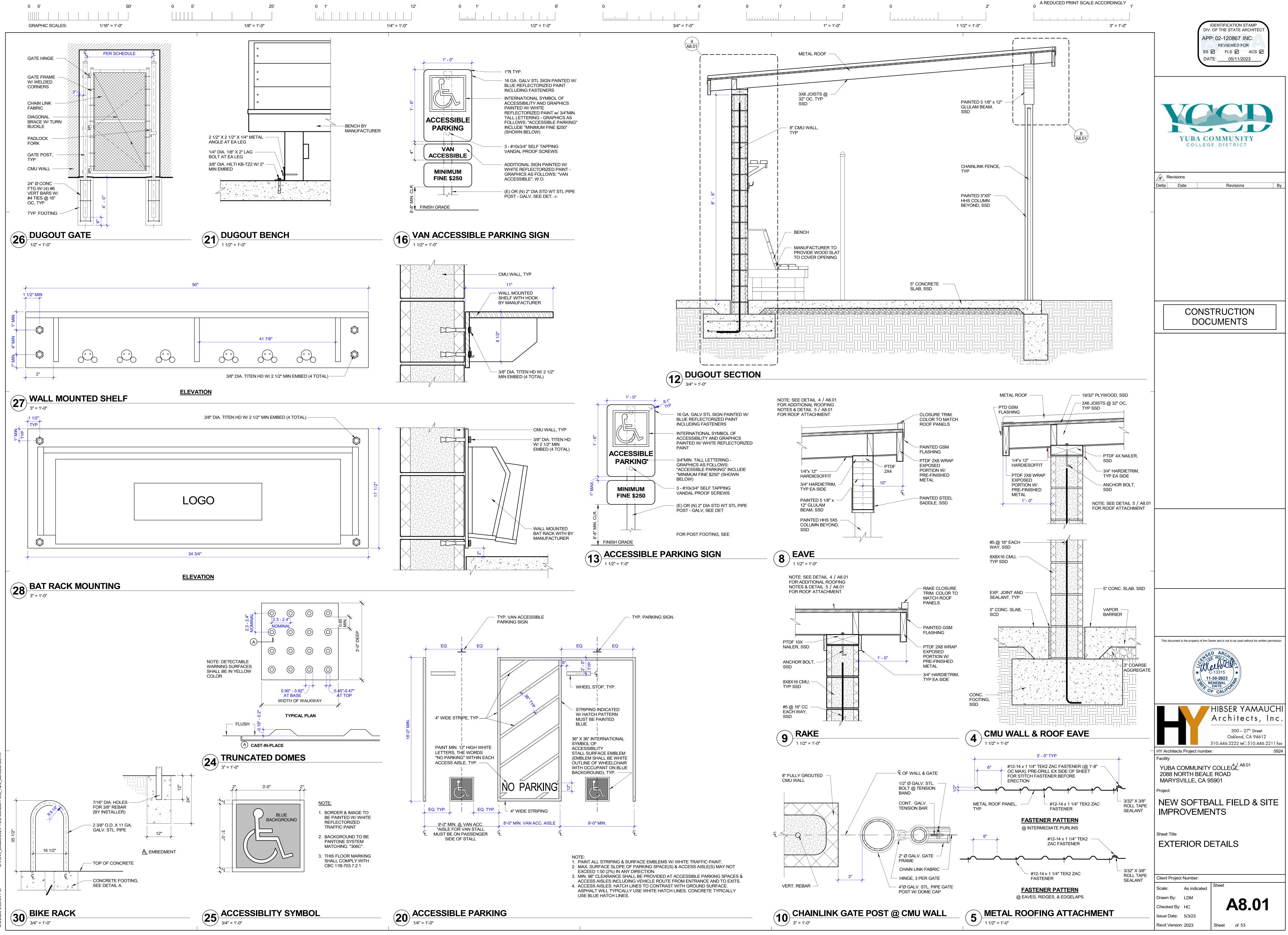
12 BLDG F - MENS & WOMENS DEMOLITIO



14 BLDG F - MENS & WOMENS FLOOR PLA

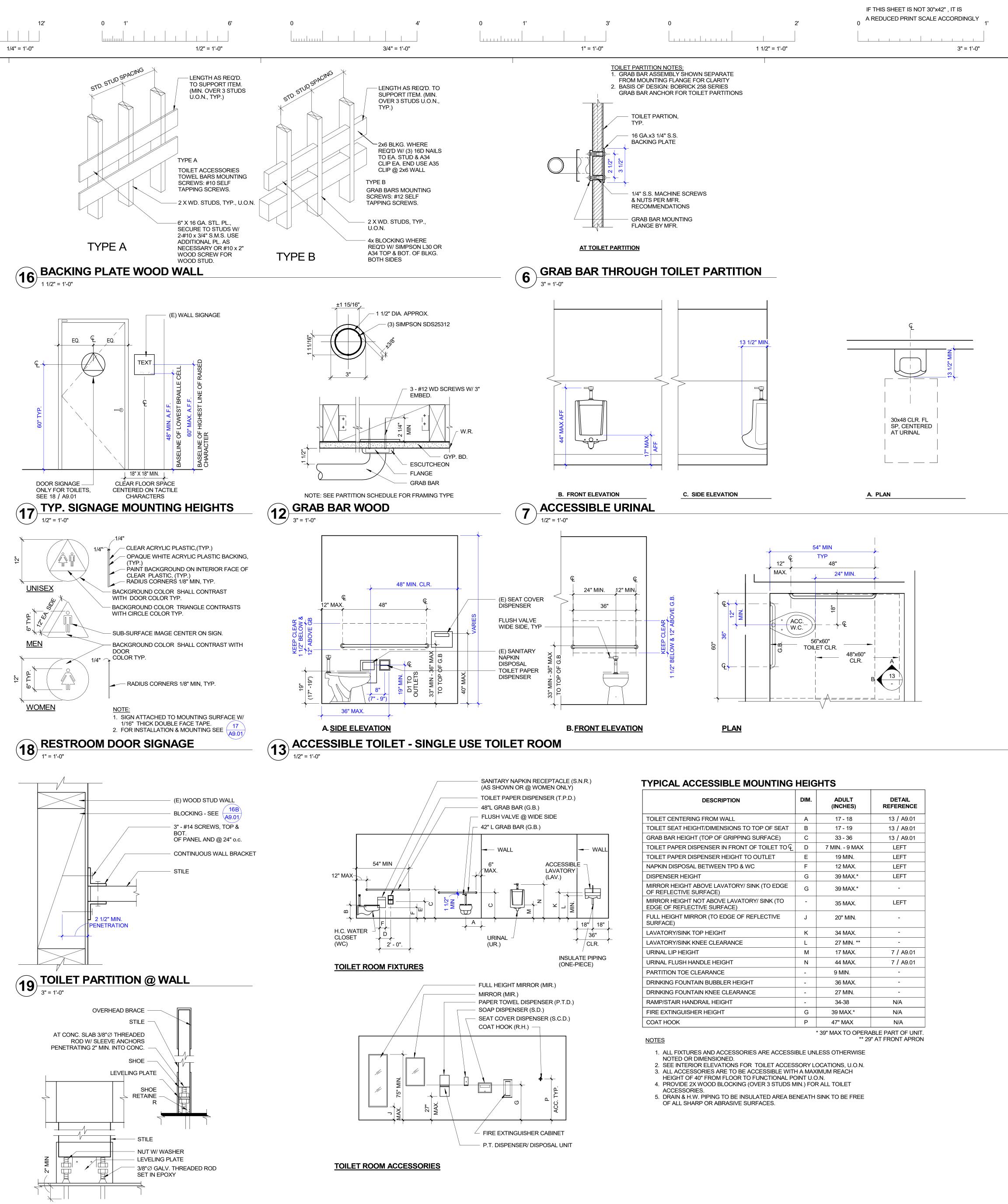
| 0 1' 3' | 0 | IF THIS SHEET IS NOT 30"x42" , IT IS A REDUCED PRINT SCALE ACCORDINGLY 2' 0 1' |
|---------------------|--------|--|
| 1" = 1'-0" | | 1 1/2" = 1'-0" |
| | | Construction Production Production <tr< th=""></tr<> |
| | | |
| (D2.05) (D2.05) | | KEYNOTES |
| AOLITION FLOOR PLAN | -10.18 | 02.10 (E) ACCESSIBLE DUET 02.11 (E) TOILET, TYP 02.12 (E) ACCESSIBLE DUET 10.03 RE-INSTALL (E) 34" LONG X1 12" DIA GRAB BAR TO TOILET PARTITION PER 0.104 RE-INSTALL (E) SATENT NAPKIN DISPENSER SITTING ON THE FLOOR. SEE DETAIL 15/A9.01 10.05 10.06 RESINGAL (E) SATENT NAPKIN DISPENSER 10.07 RELINSTALL (E) SATENT NAPKIN DISPENSER 10.10 ACCESSIBLE PAPER TOWEL DISPENSER 10.11 16' X42" HIGH PRIVACY PANEL 10.12 COAT HOOK. MOUNT PER MOUNTING HEIGHT DETAIL 15/A8.01 10.14 TOLET PARTITION, TYP TO MATCH (E) 10.15 ACCESSIBLE TOLET PARTITION TO TOLET PARTITION TO NE AS SIDE PER 10.16 ACCESSIBLE TOLET PARTITION TO NE CASULT SATENT 10.17 ACCESSIBLE TOLET PARTITION TO NE CASULT SATENT 10.18 ACCESSIBLE TOLET PARTITION TO NE CASULT SATENT 10.19 RELOCATED 3' TOLET PARTITION O |
| DOR PLANS | | _ |
| | | |





IF THIS SHEET IS NOT 30"x42", IT IS

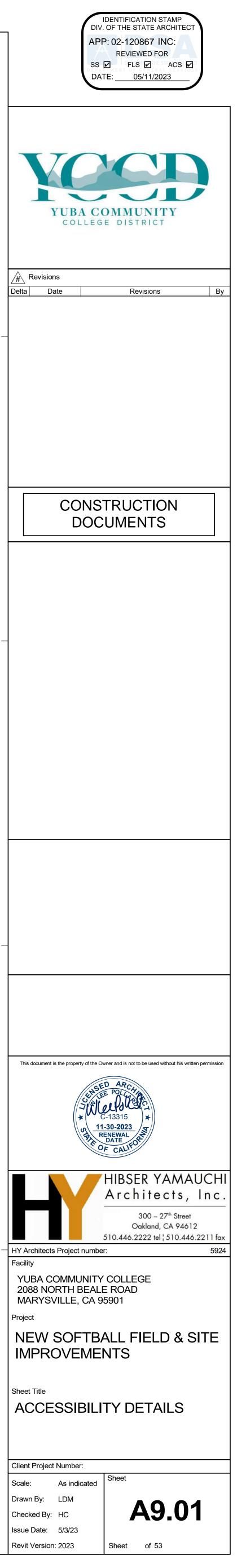
25'



20 TOILET PARTITION 3" = 1'-0"

15 TOILET ROOM MOUNTING HEIGHTS

| DESCRIPTION | | ADULT (INCHES) | DETAIL REFERENCE |
|---|---|-------------------|---------------------|
| TOILET CENTERING FROM WALL | А | 17 - 18 | 13 / A9.01 |
| TOILET SEAT HEIGHT/DIMENSIONS TO TOP OF SEAT | В | 17 - 19 | 13 / A9.01 |
| GRAB BAR HEIGHT (TOP OF GRIPPING SURFACE) | С | 33 - 36 | 13 / A9.01 |
| TOILET PAPER DISPENSER IN FRONT OF TOILET TO | D | 7 MIN 9 MAX | LEFT |
| TOILET PAPER DISPENSER HEIGHT TO OUTLET | Е | 19 MIN. | LEFT |
| NAPKIN DISPOSAL BETWEEN TPD & WC | F | 12 MAX. | LEFT |
| DISPENSER HEIGHT | G | 39 MAX.* | LEFT |
| MIRROR HEIGHT ABOVE LAVATORY/ SINK (TO EDGE OF REFLECTIVE SURFACE) | | 39 MAX.* | - |
| MIRROR HEIGHT NOT ABOVE LAVATORY/ SINK (TO EDGE OF REFLECTIVE SURFACE) | | 35 MAX. | LEFT |
| FULL HEIGHT MIRROR (TO EDGE OF REFLECTIVE SURFACE) | J | 20" MIN. | - |
| LAVATORY/SINK TOP HEIGHT | К | 34 MAX. | - |
| LAVATORY/SINK KNEE CLEARANCE | L | 27 MIN. ** | - |
| URINAL LIP HEIGHT | М | 17 MAX. | 7 / A9.01 |
| URINAL FLUSH HANDLE HEIGHT | Ν | 44 MAX. | 7 / A9.01 |
| PARTITION TOE CLEARANCE | - | 9 MIN. | - |
| DRINKING FOUNTAIN BUBBLER HEIGHT | - | 36 MAX. | - |
| DRINKING FOUNTAIN KNEE CLEARANCE | - | 27 MIN. | - |
| RAMP/STAIR HANDRAIL HEIGHT | - | 34-38 | N/A |
| FIRE EXTINGUISHER HEIGHT | G | 39 MAX.* | N/A |
| COAT HOOK | Р | 47" MAX | N/A |





- 1. INTERPRETATION OF DRAWINGS & SPECIFICATIONS A. WHERE SPECIFICATIONS HAVE BEEN PREPARED FOR THIS PROJECT, THEY ARE ARRANGED IN SEVERAL SECTIONS, BUT SUCH SEPARATION SHALL NOT BE CONSIDERED AS THE LIMITS 2. CONCRETE MIX DESIGNS SHALL BE PREPARED ACCORDING TO ACI 318-14 CHAPTER 26.4 AND OF THE WORK REQUIRED OF ANY SEPARATE TRADE. THE TERMS AND CONDITIONS OF SUCH LIMITATIONS ARE WHOLLY BETWEEN THE CONTRACTOR AND THEIR
- SUBCONTRACTORS. B. IN GENERAL, THE WORKING DETAILS WILL INDICATE DIMENSIONS, POSITION AND KIND OF CONSTRUCTION, AND THE SPECIFICATIONS, QUALITIES AND METHODS. ANY WORK INDICATED ON THE WORKING DETAILS AND NOT MENTIONED IN THE SPECIFICATIONS, OR VICE VERSA, SHALL BE FURNISHED AS THOUGH FULLY SET FORTH IN BOTH. WORK NOT PARTICULARLY DETAILED, MARKED OR SPECIFIED, SHALL IDENTICAL OR SIMILAR TO LIKE CASES OF CONSTRUCTION THAT ARE DETAILED, MARKED OR SPECIFIED. IF CONFLICTS
- OCCUR ON DRAWINGS AND/OR SPECIFICATIONS, THE MOST EXPENSIVE MATERIALS OR METHODS WILL PREVAIL C. SHOULD AN ERROR APPEAR IN THE WORKING DETAILS OR SPECIFICATIONS OR IN WORK DONE BY OTHERS AFFECTING THIS WORK. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AT ONCE AND IN WRITING. IF THE CONTRACTOR PROCEEDS WITH THE WORK SO AFFECTED WITHOUT HAVING GIVEN SUCH WRITTEN NOTICE AND WITHOUT RECEIVING THE NECESSARY APPROVAL, DECISION OR INSTRUCTIONS IN WRITING FROM THE OWNER THEN THE CONTRACTOR SHALL HAVE NO VALID CLAIM AGAINST THE OWNER, FOR THE COST OF SO PROCEEDING AND SHALL MAKE GOOD ANY RESULTING DAMAGE OR DEFECT. NO VERBAL APPROVAL, DECISION, OR INSTRUCTION SHALL BE VALID OR BE THE BASIS FOR ANY CLAIM AGAINST THE OWNER, ITS OFFICERS, EMPLOYEES OR AGENTS. THE FOREGOING INCLUDES TYPICAL ERRORS IN THE SPECIFICATIONS OR NOTATIONAL ERRORS 10. DIMENSIONS SHOWN FOR LOCATION OF REINFORCING ARE TO THE FACE OF BARS LISTED AND IN THE WORKING DETAILS WHERE THE INTERPRETATION IS DOUBTFUL OR WHERE THE ERROR IS SUFFICIENTLY APPARENT AS TO PLACE A REASONABLY PRUDENT CONTRACTOR
- ON NOTICE THAT, SHOULD THE CONTRACTOR ELECT TO PROCEED. THEY ARE DOING SO AT THEIR OWN RISK. 2. CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE CODES AND REGULATIONS. 3 SHOP DRAWING NOTE A. WHEN NOT ADDRESSED BY DIVISION 1 OF THE SPECIFICATIONS, SUBMITTALS SHALL BE ELECTRONIC PDF FORMAT
- B. THE PURPOSE OF SHOP DRAWING SUBMITTALS BY THE CONTRACTOR IS TO DEMONSTRATE TO THE STRUCTURAL ENGINEER THAT THE CONTRACTOR UNDERSTANDS THE DESIGN CONCEPT BY INDICATING WHICH MATERIAL THE CONTRACTOR INTENDS TO FURNISH AND INSTALL. AND BY DETAILING THE FABRICATION AND INSTALLATION METHODS THE CONTRACTOR INTENDS TO USE ON A STAND ALONE SET OF DOCUMENTS. DUPLICATION OF DESIGN DOCUMENTS FOR THE PURPOSE OF SHOP DRAWINGS IS NOT ACCEPTABLE. C. PRIOR TO FABRICATION, SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW BY THE STRUCTURAL ENGINEER. SHOP DRAWING SUBMITTALS SHALL INCLUDE, BUT ARE NOT
- NECESSARILY LIMITED TO, STRUCTURAL STEEL, REINFORCING STEEL, & GLUE-LAMINATED REAMS D. PRIOR TO SUBMISSION THE CONTRACTOR SHALL REVIEW ALL SUBMITTALS FOR
- CONFORMANCE WITH THE CONTRACT DOCUMENTS AND SHALL STAMP SUBMITTALS AS BEING "REVIEWED FOR CONFORMANCE". E. SHOP DRAWING SUBMITTALS PROCESSED BY THE STRUCTURAL ENGINEER ARE NOT
- CHANGE ORDERS. F. ANY DETAIL ON THE SHOP DRAWINGS THAT DEVIATES FROM THE CONTRACT DOCUMENTS SHALL CLEARLY BE MARKED WITH THE NOTE "THIS IS A CHANGE" G. SHOP DRAWINGS OR CALCULATIONS SUBMITTED FOR REVIEW THAT REQUIRE
- RESUBMITTAL FOR RE-REVIEW SHALL BE BILLED HOURLY FOR SUCH TIME TO THE GENERAL CONTRACTOR. RE-REVIEW WILL NOT PROCEED WITHOUT WRITTEN APPROVAL FROM THE 13. ALL HOOKS SHALL BE STANDARD HOOKS UNLESS OTHERWISE SHOWN OR NOTED. AT WALLS, GENERAL CONTRACTOR FOR ADDITIONAL ENGINEERING REVIEW SERVICES. 4. SAFETY NOTE: A. IT IS THE CONTRACTORS RESPONSIBILITY TO COMPLY WITH THE PERTINENT SECTIONS, AS 14. CONSTRUCTION JOINTS SHALL BE MADE ROUGH AND ALL LAITANCE REMOVED FROM THE
- THEY APPLY TO THIS PROJECT. OF THE "CONSTRUCTION SAFETY ORDERS" ISSUED BY THE STATE OF CALIFORNIA LATEST EDITION, AND ALL OSHA REQUIREMENTS. B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE DESIGN AND CONSTRUCTION OF ALL FORMS AND SHORING REQUIRED. SHORING INDICATIONS (LOCATION, DIRECTION, DURATION, ETC.) ARE ONLY SHOWN ON THE STRUCTURAL DRWGS WHEN REQUIRED TO IMPLEMENT THE DESIGN INTENT OF THE FINAL WORK PRODUCT. DETERMINATION WHETHER SHORING IS REQUIRED FOR TEMPORARY OR INTERMEDIATE CONDITIONS
- DURING CONSTRUCTION IS WHOLLY THE RESPONSIBILITY OF THE CONTRACTOR. THE OWNER AND THE STRUCTURAL ENGINEER DO NOT ACCEPT ANY RESPONSIBILITY FOR THE CONTRACTOR'S FAILURE TO COMPLY WITH THESE REQUIREMENTS. 5. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER WHERE A CONFLICT OR DISCREPANCY OCCURS BETWEEN THE STRUCTURAL DRAWINGS AND ANY OTHER PORTION OF THE CONTRACT DOCUMENTS OR EXISTING FIELD CONDITIONS. SUCH NOTIFICATION SHALL BE GIVEN IN DUE TIME SO AS NOT TO AFFECT THE CONSTRUCTION
- SCHEDULE. IN CASE OF A CONFLICT BETWEEN STRUCTURAL DRAWINGS AND SPECIFICATIONS THE MORE RESTRICTIVE CONDITION SHALL TAKE PRECEDENCE UNLESS WRITTEN APPROVAL HAS BEEN GIVEN FOR THE LEAST RESTRICTIVE. CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH ARCHITECTURAL PRIOR TO COMMENCING ANY WORK. 6. WHERE NO SPECIFIC DETAIL IS SHOWN, THE CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO THAT INDICATED FOR LIKE CASES OF CONSTRUCTION ON THIS PROJECT. SHOULD THERE BE ANY QUESTION, CONTACT THE ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO
- PROCEEDING. 7. WHEN CONSTRUCTION ATTACHES TO OR IS WITHIN AN EXISTING BUILDING, A COMPLETE SET OF DRAWINGS OF THE EXISTING BUILDING SHALL BE KEPT ON THE JOB SITE. CONTRACTOR TO OBTAIN THESE DRAWINGS FROM THE OWNER (IF THEY ARE AVAILABLE). 8. CONTRACTOR SHALL PROVIDE AN ALLOWANCE EQUAL TO 2% OF THE BID FOR STRUCTURAL STEEL, MISC. IRON AND REINFORCING STEEL TO BE USED AT THE DISCRETION OF THE
- STRUCTURAL ENGINEER. UNUSED AMOUNT TO REVERT TO THE OWNER UPON COMPLETION OF THE JOB. 9. ANY SUBSTITUTIONS FOR STRUCTURAL MEMBERS, HARDWARE OR DETAILS SHALL BE REVIEWED BY THE ARCHITECT AND STRUCTURAL ENGINEER. SUCH REVIEW WILL BE BILLED
- ON A TIME AND MATERIALS BASIS TO THE GENERAL CONTRACTOR WITH NO GUARANTEE THAT THE SUBSTITUTION WILL BE ALLOWED. 10. DO NOT SCALE DRAWINGS. CONTACT THE ARCHITECT OR STRUCTURAL ENGINEER FOR ANY DIMENSIONS NOT SHOWN. 11. THESE DRAWINGS ARE NOT COMPLETE UNTIL REVIEWED AND ACCEPTED BY THE ENFORCEMENT AGENCY AND SIGNED BY THE STRUCTURAL ENGINEER.

4. LATERAL LOADS

DESIGN CRITERIA 100TN002-19

- 1. CODES AND STANDARDS 2022 CALIFORNIA BUILDING CODE (CBC w/ STATE OF CA AMENDMENTS) ASCE 7-16 ACI 318-19 AISC 360-16, 341-16, 358-16 AISI S100-16 w/ S2-20, S240-20, S400-20 TMS 402/602-16
- 2018 NDS, 2021 SDPWS 2. VERTICAL LOADS ROOF LIVE LOAD = 20 PSF LIVE LOADS ARE REDUCED WHERE
- PERMITTED BY CODE. 3. SOILS VALUES ALLOWABLE SOILS PRESSURE
 - A. DL<u>N/A</u>PSF B. DL + LL <u>1500</u> PSF C. DL + LL + SEISMIC 2000 PSF FOOTING
 - MINIMUM DEPTH = 12' MINIMUM WIDTH = <u>12</u>"
- SEISMIC SITE CLASS D $S_{S} = 0.508$; $S_{DS} = 0.472$ S₁ = <u>0.245</u>; S_{D1} = <u>N/A</u> $I_P = 1.0 TYPICAL$ $I_{\rm P} = \overline{1.5} \, {\rm PER} \, {\rm ASCE} \, 7-16 \, {\rm SECT} \, 13.1.3$ **RISK CATEGORY: IV** SEISMIC DESIGN CATEGORY: D SEISMIC FORCE RESISTING SYSTEM SPECIAL REINFORCED MASONRY <u>SHEAR WALLS</u>

C_s = <u>0.141</u> $R = 5: I_F = 1.5$ $\Omega_{\rm O} = 2.5$; $C_{\rm D} = 3.5$ SEISMIC BASE SHEAR = 1.7 KIPS (NS DIR.) = <u>10.1</u> KIPS (EW DIR.)

SEISMIC FORCE RESISTING SYSTEM: STEEL ORDINARY CANTILEVER COLUMN SYSTEM Cs = <u>0.565</u> R = 1.25; $I_E = 1.5$ $\Omega_{\rm O} = 1.25$; C_D = 1.25

SEISMIC BASE SHEAR = <u>10.1</u> KIPS (EW DIR.) ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE

WIND V= 104 MPH **RISK CATEGORY:** EXPOSURE CATEGORY: (GC_{PI} = <u>±0.18</u>

- FOUNDATIONS 1. THE BASIS OF DESIGN AND ALLOWABLE CAPACITIES OF THE FOUNDATION SYSTEM HAVE BEEN PROPORTIONED IN ACCORDANCE WITH THE RECOMMENDATIONS OF GEOTECHNICAL REPORT # <u>NO REPORT PROVIDED - USE_CBC MINIMUM SOIL VALUES</u>. THE CONTRACTOR SHALL OBTAIN THE GEOTECHNICAL REPORT FROM THE OWNER. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR THE ACCURANCY OF THE INFORMATION PRESENTED IN THE
- GEOTECHNICAL REPORT. 2. FOUNDATIONS SHALL BEAR ON UNDISTRURBED NATIVE SOIL SEE NOTES AND DETAILS ON SHEET
- 3. ALL FILLING, BACKFILLING AND COMPACTION SHALL BE DONE UNDER THE OBSERVATION OF A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER AND MUST BE COMPACTED TO THE MINIMUM DENSITY SPECIFIED IN ACCORDANCE WITH THE PROCEDURE OUTLINED IN THE GEOTECHNICAL REPORT.
- 4. BUILDING PAD CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE GEOTECHNICAL REPORT. THE EXTENT AND DEPTH OF OVEREXCAVATION AND PLACEMENT OF ENGINEERED FILL SHALL AT A MINIMUM BE AS SHOWN ON THE PLANS. FINAL DEPTH AND EXTENT OF EXCAVATION AND FILL SHALL BE DETERMINED AT TIME OF CONSTRUCTION BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER. FOUNDATION DEPTHS INDICATED ON PLANS ARE FOR ESTIMATING PURPOSES ONLY.
- 5. BOTTOMS OF ALL FOUNDATIONS SHALL BE LEVEL. CHANGES IN BOTTOM OF FOUNDATION ELEVATION SHALL BE MADE ACCORDING TO STEPPED FOOTING DETAIL ON THE TYPICAL DETAIL SHEET. 6. FOUNDATION CONCRETE MAY BE PLACED DIRECTLY INTO NEAT
- EXCAVATIONS PROVIDED PRIOR WRITTEN APPROVAL IS OBTAINED AND A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER
- DETERMINES THAT THE EXCAVATIONS ARE STABLE. WIDTH 2x12 7 1x8 2x12 OF ALL UNFORMED FOUNDATIONS SHALL BE INCREASED PLAN BY 2" FROM PLAN DIMENSION. OTHERWISE, FOUNDATIONS FTG SHALL BE FULLY FORMED. USE MINIMUM PLANKING SHOWN TO PROTECT AGAINST SLOUGHING, AS REQUIRED. PLANKING DOES NOT REPLACE FORMWORK REQUIRED TO STABILIZE EXCAVATION.
- 7. THE SURFACE OF ALL HORIZONTAL CONSTRUCTION JOINTS SHALL BE CLEANED & ROUGHENED BY EXPOSING CLEAN AGGREGATE SOLIDLY EMBEDDED IN MORTAR MATRIX. 8. NOTIFY THE STRUCTURAL ENGINEER 48 HOURS BEFORE CASTING FOUNDATIONS. 9. A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER SHALL ADVISE THE BUILDING OFFICIAL IN WRITING THAT: A. THE BUILDING PAD WAS PREPARED USING PROPER MATERIALS IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.
- B. THE UTILITY TRENCHES HAVE BEEN PROPERLY BACKFILLED AND COMPACTED. C. THE FOUNDATION EXCAVATION DEPTH AND MATERIAL ARE ADEQUATE TO ACHIEVE DESIGN BEARING CAPACITY D. FORMING COMPLIES WITH THE GEOTECHNICAL REPORT AND APPROVED PLAN.

<u>CONCRETE</u>

25'

- 1. CONCRETE SHALL ATTAIN 28 DAY COMPRESSIVE STRENGTH AS REQUIRED IN NOTE #28. MAXIMUM SLUMP SHALL NOT EXCEED 4 INCHES. STRUCTURAL ENGINEER FOR REVIEW
- CEMENTITIOUS MATERIALS: CEMENT SHALL CONFORM TO ASTM C-150 TYPE II OR V. FLY ASH SHALL CONFORM TO ASTM C-618. MAX. QUANTITY OF FLY ASH SHALL BE 25% OR AS GIVEN IN SPECS. . CONCRETE AGGREGATES SHALL CONFORM TO ASTM C-33 FOR NORMAL WEIGHT CONCRETE
- AND ASTM C-330 FOR LIGHTWEIGHT CONCRETE. NON-SHRINK GROUT OR DRYPACK SHALL CONSIST OF A PREMIXED NONMETALLIC FORMULA. REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE 60 UNO. REINFORCING STEEL TO BE WELDED SHALL CONFORM TO ASTM A-706 GRADE 60. CONTRACTOR SHALL SUBMIT REBAR MILL CERTIFICATES. REINFORCING STEEL IN SPECIAL REINFORCED SHEAR WALLS OR MOMENT FRAMES. EXCEPT TIES AND HOOPS, SHALL CONFORM TO ASTM A-706.
- ALL PREHEATING AND WELDING OF REINFORCING BARS SHALL BE DONE IN ACCORDANCE WITH AWS D1.4 LATEST EDITION AND SHALL BE CONTINUOUSLY INSPECTED BY A QUALIFIED LABORATORY. CONTRACTOR SHALL FURNISH WPS FOR ALL REBAR WELDING TO THE LABORATORY REINFORCING STEEL SHALL BE FABRICATED ACCORDING TO "MANUAL OF STANDARD
- PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION". 9. WIRE FABRIC SHALL CONFORM TO ASTM A1064. DENOTE CLEAR COVERAGE. NON-PRESTRESSED, CAST-IN-PLACE CONCRETE COVERAGE SHALL BE AS FOLLOWS, UNO: CONCRETE DEPOSITED DIRECTLY AGAINST GROUND (EXCEPT SLABS)------- 3" CONCRETE EXPOSED TO GROUND OR WEAT #5 AND SMALLER------#6 AND LARGER------------
- BEAMS & COLUMNS (TIES)------BEAMS & COLUMNS (MAIN REINFORCING)----CAST-IN-PLACE WALLS (EXTERIOR FACE & S CAST-IN-PLACE WALLS (INTERIOR FACE-#11 & TILT-UP WALLS----SLABS (ON FORMS)--SLABS (ON GROUND)-----
- 11. SPLICES IN CONTINUOUS REINFORCEMENT SHALL BE LAPPED UNO, SEE SCHEDULE THIS SHEET. SPLICES IN ADJACENT BARS SHALL BE GREATER THAN 5'-0" APART. SPLICE CONTINUOUS BARS IN SOIL-BEARING GRADE BEAMS, STRUCTURAL SLABS ON GRADE AND MAT FOUNDATIONS AS FOLLOWS UNO: TOP BARS AT CENTERLINE OF SUPPORT; BOTTOM BARS AT MID-SPAN. SPLICE CONTINUOUS BARS IN ELEVATED SLABS AND BEAMS, ETC. AS FOLLOWS UNO: TOP BARS AT MID-SPAN; BOTTOM BARS AT CENTERLINE OF SUPPORT. ALL BARS SIZE #14 AND LARGER SHALL BE CONTINUOUS FOR FULL LENGTH SHOWN OR SPLICED WITH MECHANICAL COUPLERS AS NOTED IN DETAILS. SPLICES IN WWF SHALL BE 1-1/2 MESHES WIDE.
- 2. THE MINIMUM CLEAR SPACING BETWEEN PARALLEL BARS IN A LAYER SHALL NOT BE LESS THAN THE LARGER OF BAR DIAMETER, 1", OR 33% GREATER THAN THE MAXIMUM AGGREGATE SIZE (NOMINAL), WHICHEVER IS GREATEST. THIS REQUIREMENT ALSO APPLIES TO THE CLEAR SPACING BETWEEN DIFFERENT LAYERS OF PARALLEL BARS AND TO THE CLEAR DISTANCE BETWEEN A CONTACT LAP SPLICE AND ADJACENT SPLICES OR BARS.
- PROVIDE HOOKS AT ENDS OF ALL REINFORCING AT ENDS, CORNERS AND INTERSECTIONS, SURFACE. CONCRETE MAY BE ROUGHENED BY CHIPPING THE ENTIRE SURFACE. SAND BLASTING, OR RAKING THE SURFACE TO PROVIDE 1/4" DEEP DEFORMATIONS.
- 15. REMOVE ALL DEBRIS FROM FORMS BEFORE CASTING ANY CONCRETE. 16. REINFORCING, DOWELS, BOLTS, ANCHORS, SLEEVES, ETC, TO BE EMBEDDED IN CONCRETE SHALL BE SECURELY POSITIONED BEFORE PLACING CONCRETE 17. ANCHOR BOLTS (AB'S) CAST IN CONCRETE FOR WALL SILL AND LEDGER APPLICATIONS SHALL BE HEADED BOLTS WITH CUT THREADS CONFORMING TO ASTM F1554, UNO. REFER TO "WOOD" NOTES FOR ADDITIONAL REQUIREMENTS FOR BOLTS IN CONTACT WITH PRESSURE TREATED OR FIRE RETARDANT MATERIAL. REFER TO 'STRUCTURAL STEEL' NOTE FOR REQUIREMENTS FOR ANCHOR RODS (AR'S) CAST IN CONCRETE FOR COLUMN BASE PLATE AND STEEL EMBED
- APPLICATIONS 18. WALLS SHALL BE CAST IN HORIZONTAL LAYERS OF 2'-0" MAXIMUM DEPTH 19. CONCRETE IN WALLS, PIERS OR COLUMNS SHALL SET AT LEAST 2 HOURS BEFORE PLACING CONCRETE IN BEAMS, SPANDRELS, OR SLABS SUPPORTED THEREON. 20. HORIZONTAL WALL BARS IN MULTI-CURTAIN CAST IN PLACE WALLS SHALL BE STAGGERED. 21. DOWEL ALL VERTICAL REINFORCING IN WALLS AND COLUMNS FROM FOUNDATION WITH SAME
- SIZE BAR 22. CONSOLIDATE CONCRETE PLACED IN FORMS BY MECHANICAL VIBRATING EQUIPMENT SUPPLEMENTED BY HAND-SPADING, RODDING OR TAMPING. USE EQUIPMENT AND PROCEDURES FOR CONSOLIDATION OF CONCRETE IN ACCORDANCE WITH THE RECOMMENDED PRACTICES OF ACI 309 TO SUIT THE TYPE OF CONCRETE AND PROJECT CONDITIONS. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING STEEL (AS IN WALLS) SO AS TO CAUSE SEGREGATION OF AGGREGATES. IN SUCH CASES HOPPERS AND
- FALL OF CONCRETE SHALL NOT EXCEED 6 FEET. 23. NO WOOD SPREADERS ALLOWED. NO WOOD STAKES ALLOWED IN AREAS TO BE CONCRETED 24. ADDITIONAL REINFORCING IN PRECAST OR TILT-UP PANELS REQUIRED FOR LIFTING STRESSES SHALL BE SUPPLIED BY CONTRACTOR.
- 25. PROVIDE #4x4'-0" DIAGONAL REINFORCING AT EACH REINFORCING LAYER OF SLAB AT ALL RE-ENTRANT CORNERS TYPICAL UNO. THIS APPLIES TO SLAB ON GRADE, CONCRETE OVER METAL DECK. AND ELEVATED STRUCTURAL SLAB CONDITIONS 26. ALL SAW CUTTING SHALL BE DONE AFTER INITIAL SET HAS OCCURRED TO AVOID TEARING OR
- DAMAGE BY THE SAW BLADE, BUT BEFORE INITIAL SHRINKAGE HAS OCCURRED. 27. NOTIFY STRUCTURAL ENGINEER A MINIMUM OF 48 HOURS BEFORE PLACING ANY CONCRETE. 28. CONCRETE STRENGTHS & MIX PROPERTIES: F'C @ ITEM 28 DAY
- A. FOUNDATIONS 3000 P B. SLAB ON GRADE 3500 F SITE & MISCELLANEOUS - SEE CIVIL OR ARCH * W/CM = WATER : CEMENTITIOUS MATERIAL

| 300SN002 | AF OF LICE LENGTHOT ON ONADE OF NEINFORGING BARG IN TENSION (ESt) | | | | | | | | ACI 318 CBC/IBC | |
|--------------------|---|----|----|----------|-----------|-----|----|-----|--------------------|-----|
| f'c= 3000 PSI CONC | | | | | | | | | | |
| SPLICE CLASS | REINF LOCATION | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 | #11 |
| 5 | TOP | 28 | 38 | 47 | 56 | 81 | 93 | 105 | 118 | 131 |
| В | OTHER | 22 | 29 | 36 | 43 | 63 | 72 | 81 | 91 | 101 |
| | | | | f'c = 35 | 500 PSI C | ONC | | | | |
| SPLICE CLASS | REINF LOCATION | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 | #11 |
| P | TOP | 26 | 35 | 43 | 52 | 75 | 86 | 97 | 109 | 121 |
| В | OTHER | 20 | 27 | 33 | 40 | 58 | 66 | 75 | 84 | 93 |
| | | | | f'c = 4(| 000 PSI C | ONC | | | | |
| SPLICE CLASS | REINF LOCATION | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 | #11 |
| P | TOP | 25 | 33 | 41 | 49 | 71 | 81 | 91 | 102 | 114 |
| В | OTHER | 19 | 25 | 31 | 37 | 54 | 62 | 70 | 79 | 87 |
| | | | | f'c = 50 | 000 PSI C | ONC | | | | |
| SPLICE CLASS | REINF LOCATION | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 | #11 |
| P | TOP | 22 | 29 | 36 | 44 | 63 | 72 | 81 | 91 | 102 |
| В | OTHER | 17 | 23 | 28 | 34 | 49 | 56 | 63 | 71 | 78 |

 $\frac{\text{DEFINITIONS:}}{\text{L}_{\text{D}}}$ = DEVELOPMENT LENGTH OF DEFORMED BARS IN TENSION L_{ST} = TENSION LAP SPLICE LENGTH TOP = HORIZONTAL REINFORCEMENT LOCATED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE SPLICE.

- . SCHEDULE APPLIES TO NORMAL WEIGHT CONCRETE WITH UNCOATED, GRADE 60 REINFORCING STEEL FOR #3 BARS AND LARGER. . ROUND UP TO THE NEAREST WHOLE NUMBER FOR ALL LENGTH CALCULATIONS. 3. Lst SHALL BE 12 INCHES MINIMUM. 4. WHERE EPOXY-COATED BARS ARE USED. MULTIPLY LAP LENGTHS BY 1.2. BUT WHERE EPOXY-
- BAR DIA., MULTIPLY LAP LENGTHS BY 1.31 FOR TOP REBAR AND 1.5 FOR OTHER REBAR. 5. WHEN LIGHTWEIGHT CONCRETE IS USED. MULTIPLY LAP LENGTHS BY 1.33.
- 7. WHERE CLASS A LAP SPLICE IS NOTED IN DETAIL, DIVIDE LENGTHS ABOVE BY 1.30. 8. FOR GRADE 75 REINFORCING BARS, MULTIPLY THE TABULATED VALUES BY 1.44. FOR GRADE
- 80 REINFORCING BARS, MULTIPLE THE TABULATED VALUES BY 1.54. 9. DEVELOPMENT LENGTH OF DEFORMED BARS, Ld, SHALL BE CALCULATED BY DIVIDING THE LENGTH ABOVE BY 1.30. Ld SHALL BE 12 INCHES MINIMUM.
- 10. WHEN SPLICING DIFFERENT SIZE BARS, LST SHALL BE THE GREATER OF Ld OF THE LARGER BAR AND Lst OF THE SMALLER BAR.
- 20 PERCENT FOR A THREE-BAR BUNDLE AND 33 PERCENT FOR A FOUR-BAR BUNDLE 12. THE LENGTHS SHOWN IN THE SCHEDULE SHALL BE INCREASED BY ALL APPLICABLE
- MULTIPLIERS LISTED IN THE NOTES ABOVE.

1/2" = 1'-0" 3/4" = 1'-0" **GENERAL NOTES** APPLICABLE TO ALL DRAWINGS UNLESS NOTED OR SHOWN OTHERWISE STRUCTURAL STEEL CONCRETE MASONRY UNITS (CMU) 1. FABRICATION, ERECTION AND MATERIALS SHALL CONFORM WITH THE AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS. THE AISC SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS AND THE AISC CODE OF STANDARD PRACTICE, LATEST EDITIONS ADOPTED BY THE FOR MASONRY STRUCTURES". BUILDING CODE SPECIFIED IN THE DESIGN CRITERIA NOTES, UNO. 2. ALL HOT ROLLED STEEL SHAPES, PLATES AND BARS SHALL BE NEW STEEL CONFORMING TO ASTM A6, UNO IN THE STRUCTURAL DRAWINGS. STRUCTURAL STEEL SHALL BE AS FOLLOWS: A. WIDE FLANGE AND WT SHAPES: ASTM A992 B. M- AND S- SHAPES: ASTM A36 C. C- AND MC- SHAPES: ASTM A992 TEMPERATURE IS ABOVE 90°F, THE HOT WEATHER PROCEDURES FROM TMS 602, ARTICLE 1.8D D. L- SHAPES: ASTM A572 GRADE 50 ARE TO BE IMPLEMENTED. ROUND HSS: ASTM A500 GRADE C (Fy = 46 KSI) F. RECTANGULAR HSS: ASTM A500 GRADE C (Fy = 50 KSI) G. PIPE: ASTM A53, GRADE B (Fy = 35 KSI) H. BASE PLATES UP TO 4" THICK: ASTM A572 GRADE 50 I. ALL OTHER PLATE MATERIAL: ASTM A572 GRADE 50, UNO J. BUILT UP COLUMNS: ASTM A572 GRADE 50 K. PLATE GIRDERS: ASTM A572 GRADE 50 L. CONNECTION MATERIAL CONTROL ADMIXTURES SHALL BE PROVIDED WITHIN THE MORTAR. RHEOPEL PLUS BY BASF a. COLUMN CONTINUITY PLATES AND DOUBLER PLATES: ASTM A572 GRADE 50 b. BRACED FRAME GUSSET PLATES: ASTM A572 GRADE 50 3. ALL STRUCTURAL STEEL SHALL RECEIVE A MINIMUM OF ONE SHOP COAT OF RED PRIMER PAINT DO NOT PAINT AREAS TO BE FIELD WELDED, FIREPROOFED, GALVANIZED, TO RECEIVE SLIP-CRITICAL HIGH STRENGTH BOLTS, OR TO BE EMBEDDED IN CONCRETE. PROVIDE ADDITIONAL PAINTING AS NOTED IN THE SPECIFICATIONS. 4. ALL STRUCTURAL STEEL SHALL BE ERECTED PLUMB AND TRUE TO LINE. TEMPORARY BRACING SHALL BE INSTALLED AND SHALL BE LEFT IN PLACE UNTIL OTHER MEANS ARE PROVIDED TO APPROXIMATELY 1 LB OF SIKAGROUT AID, OR APPROVED EQUAL, PER 100 LBS OF ADEQUATELY BRACE THE STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING ALL CEMENTITIOUS MATERIAL. BASE PLATE AND SUPPORT CONDITIONS DURING ERECTION AND BRACING AS REQUIRED. SEE AISC AND OSHA REQUIREMENTS. 5. GROUT BELOW BASE PLATES SHALL BE NON-METALLIC, NON-SHRINK GROUT WITH A MINIMUM CERTIFICATES. COMPRESSIVE STRENGTH OF 8,000 PSI UNO. COLUMN BASE PLATES SHALL BE PROMPTLY GROUTED AFTER STEEL FRAME HAS BEEN PLUMBED AND PRIOR TO INSTALLATION OF METAL DECKING. 3. STRUCTURAL STEEL BELOW GRADE SHALL HAVE 3 INCHES MINIMUM OF CONCRETE COVER. STRUCTURAL BOLTS AND THREADED FASTENERS A. BOLTED CONNECTIONS SHALL CONSIST OF UNFINISHED BOLTS CONFORMING TO ASTM F3125 GRADE A325 UNO TOP B. WHERE HIGH-STRENGTH BOLTS ARE SPECIFIED, BOLTS CONFORMING TO ASTM F3125 GRADE OTHERWISE A325 OR GRADE A490 SHALL BE PROVIDED AS INDICATED. HIGH STRENGTH BOLTS IN SLIP-CRITICAL AND PRETENSION JOINTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM F1852 FOR TWIST-OFF TYPE TENSION CONTROL BOLT PRETENSIONING OR BE PROVIDED WITH DIRECT TENSION INDICATOR WASHERS CONFORMING TO THE REQUIREMENTS OF ASTM F959. C. ANCHOR RODS CAST IN CONCRETE OR MASONRY SHALL BE HEADED BOLTS WITH CUT THREAD. FULL DIAMETER BODY STYLE CONFORMING TO ASTM F1554 GRADE 36, 55 (WELDABLE PER S1 SUPPLEMENTARY REQUIREMENTS), OR GRADE 105 AS INDICATED ON DRAWINGS. IN LIEU OF HEADED ANCHOR RODS, THREADED ROD CONFORMING TO THE ABOVE SPECIFICATIONS MAY BE USED WITH A SINGLE NUT WELDED TO THE ROD OR DOUBLE NUTS TIGHTENED TO PREVENT SPECIFIED LAP LENGTH. ROTATION. ANCHOR ROD PROJECTION ABOVE TOP OF FOUNDATION SHALL BE AS NOTED ON THE DRAWINGS. MINIMUM OF 5'-0" D. BOLTED CONNECTIONS SHALL HAVE WASHERS CONFORMING TO ASTM F436 UNO. WASHERS MAY BE OMITTED AT SNUG-TIGHTENED AND SLIP-CRITICAL CONNECTIONS, EXCEPT WHERE REQUIRED BY THE RCSC SPECIFICATION FOR STRUCTURAL JOINTS, LATEST EDITION. E. BASE PLATES SHALL HAVE NUTS AND WASHERS AT TOP AND BOTTOM OF PLATE. WASHERS FOR BASE PLATES SHALL BE A36 SQUARE OR CIRCULAR PLATE UNLESS ASTM F844 WASHERS ARE PERMITTED. SEE BASE PLATE DETAILS FOR PLATE WASHER SIZE AND PERMISSIBLE WASHER TYPE. F. THREADED RODS SHALL CONFORM TO ASTM A36 UNLESS NOTED OTHERWISE ON THE DRAWINGS G. PINS: ALL PINS IN PIN CONNECTED MEMBERS SHALL CONFORM TO ASTM A36 OR ASTM A108 AS INDICATED ON THE DRAWINGS ADDITIONAL REQUIREMENTS FOR "SLIP-CRITICAL" BOLTED CONNECTIONS: A. "SLIP-CRITICAL" CONNECTIONS (A325-SC DESIGN VALUES WITH SPECIAL INSPECTION) ARE REQUIRED AT ALL MOMENT FRAME CONNECTIONS, BRACED FRAME CONNECTIONS, AT ALL CONNECTIONS ALONG CHORD LINES AND DRAG LINES (AS NOTED ON PLANS), AND UNO, AT ALL BOLTS IN OVERSIZED OR SLOTTED HOLES. B. THE SPECIAL INSPECTOR MUST BE PRESENT DURING THE INSTALLATION AND TIGHTENING OPERATION OF "SLIP-CRITICAL" CONNECTIONS. 9. PROVIDE 3/4" DIAMETER STITCH BOLTS AND RING FILLS, SPACED AT NOT MORE THAN 2'-0" ON CENTER FOR ALL DOUBLE ANGLE MEMBERS UNO. 10. AT WOOD TO STEEL PARALLEL CONTACT, BOLT WITH 1/2" DIAMETER BOLTS AT MAXIMUM 24"CC UNLESS NOTED OTHERWISE IN THE DRAWINGS. 11. BOLT HOLES SHALL BE AISC STANDARD HOLES UNLESS SPECIFIED OTHERWISE. USE STANDARD AISC GAGE AND PITCH FOR BOLTS EXCEPT AS NOTED OTHERWISE 12. WELDING SHALL BE DONE BY THE ELECTRIC ARC PROCESS IN ACCORDANCE WITH AMERICAN WELDING SOCIETY STANDARDS, USING ONLY CERTIFIED WELDERS. ALL GROOVE WELDS SHALI TOP OF THE UPPERMOST UNIT. HAVE COMPLETE PENETRATION UNLESS NOTED OTHERWISE. ALL ELECTRODES FOR WELDING SHALL COMPLY WITH AWS D1.1 AND D1.8 AS APPLICABLE, E70 SERIES MINIMUM. 13. WELD LENGTHS SPECIFIED ON PLANS ARE THE NET EFFECTIVE LENGTHS REQUIRED. 14. MINIMUM FILLET WELDS: (T = THICKNESS OF THINNER PART JOINED) 3/16" @ T < 1/2" 1/4" @ T < 3/4" 5/16" @ T > 3/4" 15. WELDING PROCEDURE SPECIFICATIONS (WPS) FOR SHOP AND FIELD PREQUALIFIED WELD JOINTS AND WELD JOINTS QUALIFIED BY TEST SHALL BE SUBMITTED FOR REVIEW BY THE STRUCTURAL ENGINEER AND THE OWNER'S TESTING LABORATORY PRIOR TO FABRICATION. ALL WELDING PROCEDURE ITEMS SUCH AS BASE METALS, WELDING PROCESSES, FILLER METALS AND JOINT PERMITTED DETAILS THAT MEET THE REQUIREMENTS OF AWS D1.1 SECTION 3 SHALL BE CONSIDERED AS PREQUALIFIED. ANY CHANGE OR SUBSTITUTION THAT IS BEYOND THE RANGE OR TOLERANCE OR REQUIREMENTS FOR PREQUALIFICATION SHALL BE QUALIFIED BY TEST PER AWS D1.1 SECTION 4 PART B. SUBMIT TEST REPORTS SHOWING SUCCESSFUL PASSAGE OF QUALIFICATION TESTS FOR ALL NON-PREQUALIFIED WELDING PROCEDURE SPECIFICATIONS. STRENGTH OF THE BAR. 6" CM BAR 1. ALL STRUCTURAL WOOD SHALL CONFORM WITH THE FOLLOWING SPECIFICATIONS: SIZE | (KSI) | CENTER | DOUGLAS FIR - COAST REGION - WCLIB GRADING RULES #17 OR WWPA STANDARD GRADING RULES FOR WESTERN LUMBER. #3 60 12" 2x, 3x AND 4x MEMBERS - #1 UNO. #4 60 22" 6x AND LARGER MEMBERS - #1 UNO 2x DECKING - SELECT DEX #5 60 37" MEMBERS 3x AND LARGER SHALL BE FREE OF HEART CENTER #6 60 REDWOOD - CALIFORNIA REDWOOD, RIS. 54" SHEATHING - APA RATED SHEATHING w/ EXTERIOR GLUE @ WALLS, FLOORS, & ROOFS UNO #7 60 PER US PRODUCT STANDARD PS 1-09 AND PS2-10. PRESSURE TREATED DOUGLAS FIR TYPE AS APPROPRIATE FOR EXTERIOR ABOVE GROUND USE AS SPECIFIED, BY AWPA. 2. ALL WOOD IN DIRECT CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED, EXCEPT LEDGERS, WHICH DO NOT NEED TO BE PRESSURE TREATED. POST-INSTALLED ANCHOR TESTING CRITERIA 3. FIELD CUTS AND BOLT HOLES IN PRESSURE TREATED WOOD SHALL BE PROTECTED IN ACCORDANCE WITH AWPA STANDARD M4. PROVIDE SOLID BLOCKING BETWEEN JOISTS AND RAFTERS AT ALL SUPPORTS. PROVIDE BLOCKING AT ALL CEILING LEVELS. JOISTS UNDER AND PARALLEL TO PARTITIONS SHALL BE DOUBLED AND NAILED TOGETHER. COMPLY WITH CBC SECTION 1910A.5.3. THE MOISTURE CONTENT OF 2x, 3x, 4x AND 6x MATERIAL AT TIME OF INITIAL USE SHALL BE LESS **THAN 19%** 8. HOLES FOR BOLTS IN WOOD SHALL BE BORED WITH A BIT OF THE SAME NOMINAL DIAMETER AS THE BOLT PLUS 1/16". 9. HOLES FOR LAG SCREWS SHALL BE FIRST BORED TO THE SAME DIAMETER AND DEPTH AS THE UNTHREADED SHANK. THE THREADED PORTION SHALL BE DRILLED TO 50% OF THE SHANK FIXTURE(S). DIAMETER UNLESS NOTED OTHERWISE IN THE SPECIFICATIONS. 10. LAG SCREWS AND WOOD SCREWS SHALL BE SCREWED AND NOT DRIVEN INTO PLACE. SOAP MAY BE USED TO LUBRICATE SCREWS. 11. ALL BOLTS, LAG SCREWS AND POST-INSTALLED ANCHORS SHALL BE PROVIDED WITH METAL WASHERS UNDER HEADS AND NUTS WHICH BEAR ON WOOD. STEEL WASHERS SHALL BE SIMPSON BP OR BPS TYPE (3" SQ MIN w/ STD CUT WASHER WHERE REQD BY CODE). MALLEABLE IRON (MI) WASHERS SHALL BE ROUND AND CAST. STANDARD FLAT WASHERS SHALL BE PER ANSI B18.22.1 TYPE A - WIDE PATTERN. FOR WASHERS AT SILL ANCHORS, SEE SCHEDULE: THE FOLLOWING LIMITS: EXPANSION TYPE SILL ANCHOR BOLT WASHER SCHEDULE 2x8 & LARGER 2x8 & LARGER WALL TYPE 2x6 1 SIDE SHTG 2 SIDES SHTG 3GA x 3" x STUD WASHER BPS 5/8-6 BPS 5/8-6 WIDTH - 1/2" w/ DESIGNATION 11/16"Ø @ CL TEST SHALL NOT BE RETESTED. 8. TORQUE EXPANSION ANCHORS TO THE VALUES SHOWN BELOW 13. ALL BOLTS AND LAG SCREWS SHALL BE TIGHTENED ON INSTALLATION AND RETIGHTENED BEFORE CLOSING IN OR AT COMPLETION OF JOB. 14. ALL BOLTS SHALL BE FULL NOMINAL DIMENSION AT UNTHREADED PORTION. NO UPSET THREADED BOLTS ALLOWED. HILTI KB-15. ALL FASTENERS, INCLUDING NUTS AND WASHERS, IN CONTACT W/ PRESERVATIVE-TREATED OR FIRE-RETARDANT MATERIAL SHALL BE HOT-DIPPED GALVANIZED STEEL OR STAINLESS DIAMETER STEEL. BOLTS MAY BE HOT-DIPPED OR MECHANICALLY DEPOSITED ZINC-COATED STEEL. PLAIN CARBON STEEL FASTENERS ARE PERMITTED IN CONTACT W/ SBX/DOT OR ZINC BORATE CARBONIS PRESERVATIVE-TREATED WOOD IN AN INTERIOR, DRY ENVIRONMENT STEEL 16. USE OF MACHINE NAILING IS SUBJECT TO SATISFACTORY REVIEW FOR EACH PROJECT AND 1/4" SUBJECT TO APPROVAL BY DSA. THE APPROVAL IS SUBJECT TO CONTINUED SATISFACTORY PERFORMANCE. MACHINE NAILING WILL NOT BE APPROVED IN 5/16" SHEATHING. IF NAIL HEADS 3/8" 30 PENETRATE THE OUTER PLY BY MORE THAN WOULD BE NORMAL FOR A HAMMER OR IF 1/2" 50 MINIMUM ALLOWABLE EDGE DISTANCES ARE NOT MAINTAINED, THE PERFORMANCE WILL BE DEEMED UNSATISFACTORY 5/8" 40 17. BLOCK SHTG JOINTS WITH 3x4 FLAT BLOCKING WHERE NOTED ON ROOF OR FLOOR FRAMING 3/4" 110 PLANS AND WITH BLOCKING SAME SIZE AS STUDS AT WALLS. USE PLYCLIPS AT MIDSPAN OF UNSUPPORTED ROOF SHEATHING EDGES. 18. FRAMING HARDWARE SHOWN ON THE PLANS IS SIMPSON STRONG-TIE. USE FRAMING HARDWARE AS MANUFACTURED BY SIMPSON COMPANY OR EQUIVALENT. PRIOR TO MASONRY EXPANS INSTALLATION OF ANY NON-SIMPSON HARDWARE, THE CONTRACTOR SHALL SUBMIT A LIST OF ALL DETAIL REFERENCES WHERE A HARDWARE SUBSTITUTION IS PROPOSED. THE HILTI KB-DESIGNATION FOR THE SIMPSON ITEM AND NON-SIMPSON PROPOSED EQUIVALENT AND AN ICC REPORT FOR EACH SUBSTITUTION ITEM. DIAMETER 19. LAY ALL STRUCTURAL SHEATHING ON ROOF AND FLOORS WITH LONG DIMENSION CARBONIS

PERPENDICULAR TO SUPPORTS UNLESS NOTED OTHERWISE. 20. NOTIFY STRUCTURAL ENGINEER AFTER WALL, FLOOR, AND ROOF SHTG NAILING HAS BEEN COMPLETED AND A MINIMUM OF 48 HOURS PRIOR TO CONCEALING NAILING.

ACI 301-10 SECTION 4, REVIEWED BY OWNER'S TESTING LABORATORY AND SUBMITTED TO THE

| | • |
|---------------------------|---------------|
| THER BUT PLACED IN FORMS: | |
| | 1-1/2" |
| | 2" |
| | 1-1/2" |
| | 2" |
| OIL SIDE) | SEE ABOVE |
| & SMALLÉR) | 3/4" |
| | SEE DETAILS |
| | |
| | 2" CLEAR FROM |
| | |

CHUTES OR TRUNKS OF VARIABLE LENGTHS SHALL BE USED SO THAT THE FREE UNCONFINED

| 0) /S | MAX AGGR <u>SIZE</u> | WEIGHT | MAX W/CM* <u>RATIO</u> |
|---------------------|-------------------------|----------|---------------------------|
| PSI PSI H DR/ | 1-1/2" 1" AWINGS | NW NW | 0.58 0.45 |
| . RATI | 0 | | |

COATED BARS HAVE CLEAR COVER LESS THAN 3 BAR DIA. OR CLEAR SPACING LESS THAN 6 6. WHERE CLEAR SPACING OF BARS BEING SPLICED IS LESS THAN 2 BAR DIA. OR WHERE CLEAR

COVER OF BARS BEING SPLICED IS LESS THAN 1 BAR DIA., MULTIPLY LAP LENGTHS BY 1.50,

11. INDIVIDUAL BAR SPLICES WITHIN A BUNDLE SHALL NOT OVERLAP. INCREASE LAP LENGTHS BY

1" = 1'-0"

3" = 1'-0"

1. ALL MASONRY SHALL BE MANUFACTURED AND PLACED IN ACCORDANCE WITH TMS 402, "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES", AND TMS 602 "SPECIFICATION 2. MASONRY UNITS AND COMPONENTS THAT ARE DAMAGED ARE NOT TO BE INSTALLED IN THIS PROJECT. REINFORCEMENTS AND ACCESSORIES ARE NOT TO BE STORED ON THE GROUND AND ARE TO BE PROTECTED FROM PERMANENT DISTORTIONS WHEN THE AMBIENT AIR TEMPERATURE IS BELOW 40°F, THE COLD WEATHER PROCEDURES FROM TMS 602, ARTICLE 1.8C ARE TO BE IMPLEMENTED. WHEN THE AMBIENT AIR

4. CONCRETE BLOCK UNITS SHALL CONFORM TO ASTM C90. fm = 2000 PSI. fm SHALL BE VERIFIED IN ACCORDANCE WITH TMS 602, ARTICLE 1.4 B.2. CONCRETE BLOCK UNITS SHALL BE MEDIUM WEIGHT. ALL MASONRY CONSTRUCTION IS TO BE GROUTED SOLID. INTEGRAL WATER REPELLENT/EFFLORESCE CONTROL ADMIXTURES SHALL BE PROVIDED WITHIN THE CONCRETE MASONRY UNITS. ADMIXTURE SHALL BE RAINBLOC BY ACM CHEMISTRIES, DRY-BLOCK BY W.R. GRACE & CO, OR CALIFORNIA APPROVED EQUAL. 5. MORTAR SHALL BE TYPE S PER ASTM C270. INTEGRAL WATER REPELLANT/EFFLORESCE

CORPORATION, OR CALIFORNIA APPROVED EQUAL. 6. GROUT SHALL CONFORM TO ASTM C476. COARSE GROUT SHALL BE USED IN ALL MULTI-WYTHE GROUT SPACES OF 2 INCHES OR MORE AND IN ALL FILLED-CELL MASONRY CONSTRUCTION. GROUT SHALL BE PROPORTIONED TO ATTAIN A 28 DAY COMPRESSIVE STRENGTH EQUAL TO THE SPECIFIED fm VALUE NOTED ABOVE. NOT MORE THAN 5% OF THE PEA GRAVEL SHALL PASS THE NO. 8 SIEVE AND 100% SHALL PASS THE 3/8" SIEVE. WHEN REQUIRED, GROUT STRENGTH SHALL BE VERIFIED IN ACCORDANCE WITH ASTM C1019. GROUT MIX SHALL HAVE

REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60 UNO. REINFORCING STEEL TO BE WELDED SHALL CONFORM TO ASTM A706. CONTRACTOR SHALL SUBMIT REBAR MILL

8. VERTICAL REINFORCING SHALL CONSIST OF #5 BARS AT 16" ON CENTER, LOCATED AT CENTER OF MASONRY WALL, UNO. LOCATE BARS AT ALL CORNERS, WALL ENDS. INTERSECTIONS. JAMBS AND AT EACH SIDE OF A WALL JOINT. LOCATE BARS OR ADD ADDITIONAL BARS DIRECTLY UNDER FRAMING MEMBERS SUCH AS BEAMS, JOISTS, GIRDERS, AND TRUSSES WHERE CENTER TO CENTER SPACING OF FRAMING MEMBERS EXCEED 48"CC. DOWELS WITH STANDARD 90° HOOKS INTO THE FOUNDATION TO WITHIN 3" OF BOTTOM OF FOUNDATION SHALL MATCH AND LAP VERTICAL REINFORCING PER TABLE BELOW, TYPICAL, UNLESS NOTED

9. INTERMEDIATE HORIZONTAL REINFORCING SHALL CONSIST OF #4 BARS AT 16" ON CENTER, LOCATED AT THE CENTER OF THE MASONRY WALL. UNO. LOCATE TWO (2) #5 HORIZONTAL BARS AT ALL ELEVATED FRAMING ASSEMBLIES, SUCH AS ROOFS, FLOORS, AND STAIRS. ALSO, LOCATE ONE #5 HORIZONTAL BAR AT TOPS OF PARAPETS, TOPS OF FREE-STANDING WALLS, AT THE BOTTOM OF ALL WALLS, AND ALIGNED WITH THE SLAB-ON-GRADE. PLACE A #5 BAR AT EACH FACE OF THE MASONRY WALL ABOVE AND BELOW ALL WALL OPENINGS, UNO. EXTEND THESE BARS A MINIMUM OF A LAP LENGTH PAST THE EDGE OF THE OPENING. WHERE EXTENSION CAN NOT BE ACHIEVED, BEND BARS UP OR DOWN FOR A DISTANCE EQUAL TO THE 10. PLACE ALL HORIZONTAL BARS IN BOND BEAM UNITS. WHEN 2 BARS ARE USED, STAGGER LAPS

11. MINIMUM REBAR CLEARANCE TO FACE SHELL IS ONE BAR DIAMETER OR 1/2", WHICHEVER IS GREATER. WHERE WALLS ARE EXPOSED TO EARTH OR WEATHER, A MINIMUM COVER FOR THE REINFORCING BARS OF 2" SHALL BE MAINTAINED. 12. BEFORE BLOCK IS PLACED ON CONCRETE, THOROUGHLY CLEAN CONCRETE OF ALL LAITANCE AND ALL LOOSE MATERIAL. ROUGHEN AS IN A CONCRETE CONSTRUCTION JOINT. 13. CONCRETE BLOCK MASONRY SHALL BE BUILT TO PRESERVE THE UNOBSTRUCTED VERTICAL

CONTINUITY OF THE CELLS. ALL HEAD AND END JOINTS SHALL BE SOLIDLY FILLED WITH MORTAR FOR A DISTANCE IN FROM THE FACE OF THE WALL OR UNIT NOT LESS THAN THE THICKNESS OF THE LONGITUDINAL FACE SHELLS. BOND SHALL BE PROVIDED BY LAPPING SUCCESSIVE COURSES OR BY EQUIVALENT MECHANICAL ANCHORAGE. 14. GROUT PLACEMENT SHALL CONFORM TO TMS 602 SECTION 3.5 AND CBC 2104A.1.5 15. CLEAN OUT OPENINGS SHALL BE PROVIDED AT THE BOTTOMS OF ALL CELLS TO BE FILLED AT EACH LIFT OR POUR OF GROUT WHERE SUCH LIFT OR POUR OF GROUT IS IN EXCESS OF 4'-0" IN

HEIGHT OR 5'-4" IN HEIGHT FOR 10" NOMINAL OR WIDER, IN ACCORDANCE WITH CBC SECTION 2104A.1.3.1. ANY OVERHANGING MORTAR OR OTHER OBSTRUCTION GREATER THAN 1/4" SHALL BE REMOVED FROM INSIDE OF SUCH CELLS. THE CLEAN OUTS SHALL BE SEALED AFTER INSPECTION AND BEFORE GROUTING. MECHANICALLY VIBRATE ALL GROUT POURS 16. REINFORCEMENT IS TO BE SUPPORTED IN PLACE TO PREVENT DISPLACEMENT CAUSED BY PLACEMENT OF GROUT AND MORTAR OR BY CONSTRUCTION LOADS. 17. THOROUGHLY CLEAN ALL CELLS AND BOND BEAMS OF MORTAR BEFORE GROUTING. 18. ALL CELLS SHALL BE FILLED SOLIDLY WITH GROUT. ALL GROUTING SHALL BE DONE UNDER THE OBSERVATION OF A QUALIFIED INSPECTOR. REFER TO SPECIAL STRUCTURAL INSPECTION SECTION OF THESE NOTES FOR FREQUENCY OF GROUTING INSPECTION

19. WHEN GROUTING IS STOPPED FOR ONE HOUR OR LONGER, HORIZONTAL CONSTRUCTION JOINTS, OR KEYS, SHALL BE FORMED BY STOPPING THE POUR OF GROUT 1-1/2" BELOW THE 20. ALL EMBEDDED ITEMS (BOLTS, STRAPS, ETC.) SHALL BE SECURED IN PLACE PRIOR TO GROUTING. CUT A HOLE IN THE FACE SHELL TO ATTAIN A MINIMUM OF 1/2" GROUT ALL AROUND EMBEDDED ITEMS AT THE FACE SHELL. WITHIN THE CELL OF THE UNIT, PROVIDE A MINIMUM OF 8" OF GROUT AROUND EMBEDDED ITEMS. AT HORIZONTAL ANCHOR INSTALLATIONS,

MAINTAIN A MINIMUM CLEAR DISTANCE OF 1/2" BETWEEN END OF ANCHOR AND FACE SHELL OF 21. SINGLE CONDUITS (3/4" MAX) MAY BE PLACED IN VERTICAL CELLS NOT CONTAINING VERTICAL. REBAR. NO HORIZONTAL CONDUITS ALLOWED IN WALL CONSTRUCTION. 22. ANCHOR BOLTS CAST IN MASONRY SHALL BE HEADED BOLTS WITH CUT THREADS CONFORMING TO ASTM F1554 GRADE 36, UNO. BENT BAR ANCHOR BOLTS ARE NOT

23. USE OPEN END BLOCK FOR ALL CONSTRUCTION NOT LAID IN RUNNING BOND. 24. ALL REBAR SHALL BE LAP SPLICED AND DEVELOPED AS FOLLOWS (UNO). WHERE EPOXY COATED REBAR IS USED, MULTIPLY LAP LENGTHS BY 1.5. BARS LARGER THAN #8 ARE TO BE LAPPED WITH MECHANICAL SPLICES THAT DEVELOP AT LEAST 125 PERCENT OF THE YIELD

CMU SPLICE & DEVELOPMENT LENGTHS (fm = 2000 PSI)

| J | 8" CI | νU | 10" CMU | | 12" CMU | |
|----|--------|-----|---------|-----------|---------|-----|
| EF | CENTER | EF | CENTER | CENTER EF | | EF |
| - | 12" | 14" | 12" | 13" | 12" | 12" |
| - | 15" | 24" | 12" | 22" | 12" | 21" |
| - | 24" | 45" | 19" | 35" | 19" | 33" |
| - | 48" | - | 36" | - | 36" | - |
| - | 63" | - | 50" | - | 49" | - |

1. EXPANSION ANCHOR TESTING SHALL COMPLY WITH INSTALLATION TORQUE VALUES PROVIDED IN MANUFACTURER'S EVALUATION REPORT. EPOXY AND SCREW ANCHOR TESTING SHALL COMPLY WITH TENSION TEST VALUES SPECIFIED IN DRAWINGS. TESTING FREQUENCY SHALL 2. APPLY PROOF TEST LOADS TO EXPANSION ANCHORS WITHOUT REMOVING THE NUT IF POSSIBLE. IF NOT, REMOVE NUT AND INSTALL A THREADED COUPLER TO THE SAME

TIGHTNESS AS THE ORIGINAL NUT USING A TORQUE WRENCH TO APPLY THE TEST LOAD. 3. REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED, PROVIDED THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING BY THE

4. TEST EQUIPMENT (INCLUDING TORQUE WRENCHES) IS TO BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES. 5. THE FOLLOWING CRITERIA APPLY FOR THE ACCEPTANCE OF INSTALLED ANCHORS: A. <u>HYDRAULIC RAM METHOD</u>: THE ANCHOR SHALL HAVE NO OBSERVABLE MOVEMENT FOR A MINIMUM OF 15 SECONDS AT THE APPLICABLE TEST LOAD. FOR EXPANSION AND SLEEVE TYPE ANCHORS, A PRACTICAL WAY TO DETERMINE OBSERVABLE MOVEMENT IS THAT THE WASHER UNDER THE NUT BECOMES LOOSE. B. <u>TORQUE WRENCH METHOD</u>: THE APPLICABLE TEST TORQUE MUST BE REACHED WITHIN

ONE-QUARTER (1/4) TURN OF THE NUT FOR 3/8"Ø SLEEVE ANCHORS. ONE-HALF (1/2) TURN OF THE NUT FOR 1/4"Ø AND LARGER ANCHORS.

6. PROVIDE SPECIAL INSPECTION AS NOTED IN THE ICC REPORT. 7. IF ANY ANCHOR FAILS TESTING, ALL ANCHORS OF THE SAME TYPE AND INSTALLED BY THE SAME TRADE SHALL BE TESTED, UNTIL TWENTY (20) CONSECUTIVE ANCHORS PASS, THEN RESUME THE INITIAL TEST FREQUENCY. ANCHORS PREVIOUSLY TESTED PRIOR TO FAILED

CONCRETE EXPANSION ANCHOR TORQUE TEST VALUE (FT-LB)

| -TZ2 | | N STRONG DLT 2 | DEWALT POWER- STUD+ SD2 | DEWALT POWER-STUD+ SD4 & SD6 |
|------------------|-----------------|--------------------|-------------------------------|------------------------------------|
| AINLESS STEEL | CARBON STEEL | STAINLESS STEEL | CARBON STEEL | STAINLESS STEEL |
| 6 | 4 | 4 | | 6 |
| 30 | 30 | 30 | 20 | 25 |
| 40 | 60 | 65 | 40 | 40 |
| 60 | 90 | 80 | 60 | 60 |
| 125 | 150 | 150 | 110 | 110 |

| ION ANCHOR TORQUE TEST VALUE (FT-LB) | | | | | |
|--------------------------------------|----------------------|----------------------------|--|--|--|
| -TZ2 | SIMPSON WEDGE-ALL | DEWALT POWER- STUD+ SD1 | | | |
| AINLESS STEEL | CARBON STEEL | CARBON STEEL | | | |
| 6 | | | | | |
| 15 | 20 | 20 | | | |
| 25 | 35 | 40 | | | |
| 35 | 55 | 50 | | | |
| 50 | 120 | | | | |

STEEL

4

15

25

50

1/4"

3/8"

1/2"

5/8"

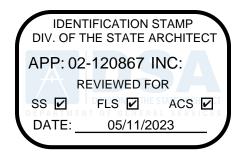
3/4"

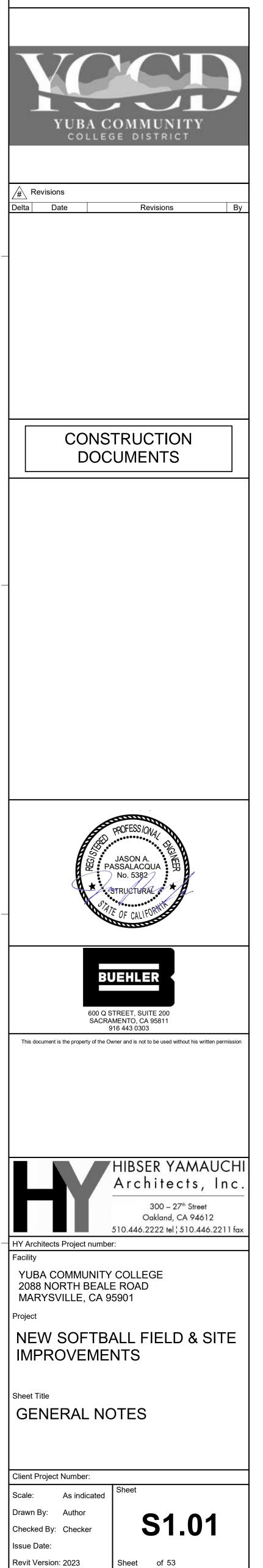
POST-INSTALLED ANCHORS

- 1. FOR CONCRETE CONSTRUCTION, POST-INSTALLED ANCHORS SHALL BE ONE OF THE FOLLOWING A. ADHESIVE ANCHORS FOR THRD ROD & REBAR:
- a. HILTI HIT-HY 200 PER ESR-3187 b. HILTI HIT-RE500 V3 PER ESR-3814
- c. SIMPSON SET-XP PER ESR-2508 d. SIMPSON SET-3G PER ESR-4057 e. DEWALT/PURE ESR-3298
- B. EXPANSION ANCHORS: a. HILTI KB-TZ2 PER ESR-4266 b. SIMPSON STRONG BOLT 2 PER ESR-3037
- c. DEWALT/POWER-STUD+ SD2 ESR-2502 C. SCREW ANCHORS:
- a. HILTI KWIK HUS-EZ (KH-EZ) PER ESR-3027 b. SIMPSON TITEN HD PER ESR-2713 c. DEWALT/SCREWBOLT+ PER ESR-3889
- FOR GROUT-FILLED MASONRY CONSTRUCTION, POST-INSTALLED ANCHORS SHALL BE ONE OF THE FOLLOWING. A. ADHESIVE ANCHORS FOR THRD ROD & REBAR a. HILTI HIT-HY 270 PER ESR-4143
- b. SIMPSON SET-XP JAPMO UES ER-265 c. DEWALT/AC 100+ GOLD ESR-3200 B. EXPANSION ANCHORS:
- a. HILTI KB-TZ2 PER ESR-4561 b. SIMPSON WEDGE-ALL PER ESR-1396 . DEWALT/POWER-STUD+ SD1 ESR-2966
- C. SCREW ANCHORS: a. HILTI KWIK HUS-EZ (KH-EZ) PER ESR-3056 b. SIMPSON TITEN HD PER ESR-1056
- c. DEWALT/SCREWBOLT+ PER ESR-4042 ANCHOR TYPE, SIZE & EMBEDMENT SHALL BE AS INDICATED IN DRAWINGS. POST-INSTALLED
- ANCHORS FOR REPAIR SHALL BE EVALUATED ON A CASE BY CASE BASIS. NOTIFY STRUCTURAL ENGINEER FOR REPAIRS. 4. ALL EMBEDMENT DEPTHS CALLED OUT IN DRAWINGS REFER TO EFFECTIVE EMBEDMENT
- UNLESS OTHERWISE NOTED. SEE DIAGRAM BELOW AND ICC REPORTS. 5. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS GIVEN IN THE EVALUATION REPORT. PROVIDE MINIMUM EMBEDMENT PROVIDED IN ICC ESR REPORT UNLESS
- NOTED OTHERWISE. 6. PROVIDE SPECIAL INSPECTION AS INDICATED IN THE STATEMENT OF STRUCTURAL SPECIAL INSPECTIONS AND TESTING. WHEN INSTALLING POST-INSTALLED ANCHORS IN EXISTING CONCRETE OR MASONRY, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING EXISTING REINFORCING BARS.
- MAINTAIN A MINIMUM CLEARANCE OF ONE INCH BETWEEN THE REINFORCEMENT AND THE DRILLED-IN ANCHOR AND/OR PIN. DO NOT INSTALL ANCHORS WITHIN 1 1/2" OF CMU HEAD JOINTS. DO NOT INSTALL ANCHORS IN PRESTRESSED CONCRETE ELEMENTS. ANCHORS INSTALLED FROM THE BOTTOM INTO METAL DECK WITH CONCRETE SHALL BE INSTALLED IN THE CENTER OF THE LOW FLUTE OF THE DECKING UNLESS NOTED OTHERWISE IN EVALUATION REPORT. THE DECKING SHALL HAVE A MINIMUM THICKNESS OF 20 GAUGE. THE
- MINIMUM THICKNESS OF THE CONCRETE ABOVE THE HIGH FLUTE OF THE METAL DECK SHALL BE AS INDICATED IN THE EVALUATION REPORT. SEE EVALUATION REPORT FOR ADDITIONAL REQUIREMENTS, INCLUDING MINIMUM DIMENSIONS FOR FLUTE WIDTH AND DEPTH. 9. THE CONCRETE SHALL HAVE ATTAINED ITS MINIMUM DESIGN STRENGTH PRIOR TO INSTALLATION OF THE ANCHORS.
- 10. ADHESIVE ANCHORS SHALL BE INSTALLED IN CONCRETE HAVING A MINIMUM AGE OF 21 DAYS AT THE TIME OF ANCHOR INSTALLATION PER ACI 318, CHAPTER 17. 11. INSTALLER CERTIFICATION AND INSPECTION IS REQUIRED FOR HORIZONTAL AND UPWARDLY INCLINED ADHESIVE ANCHORS SUBJECTED TO SUSTAINED TENSION LOADING IN ACCORDANCE
- WITH ACI 318, CHAPTER 17. 12. IF TEMPERATURE OF BASE MATERIAL AT TIME OF ADHESIVE ANCHOR INSTALLATION IS 45 DEGREES FARENHEIT OR LOWER, AN "ACRYLIC" OR COLD WEATHER ADHESIVE IS REQUIRED. USE DEWALT AC200+. SIMPSON AT-XP. OR HILTI HIT-HY200 WHEN THIS OCCURS.
- 13. THE TESTING OF THE ANCHORS SHALL BE DONE BY A QUALIFIED TESTING AGENCY AND A REPORT OF THE TEST RESULTS SHALL BE SUBMITTED TO THE GOVERNING AGENCY AND ARCHITECT/STRUCTURAL ENGINEER. SEE NOTES ON THIS SHEET FOR TESTING CRITERIA.

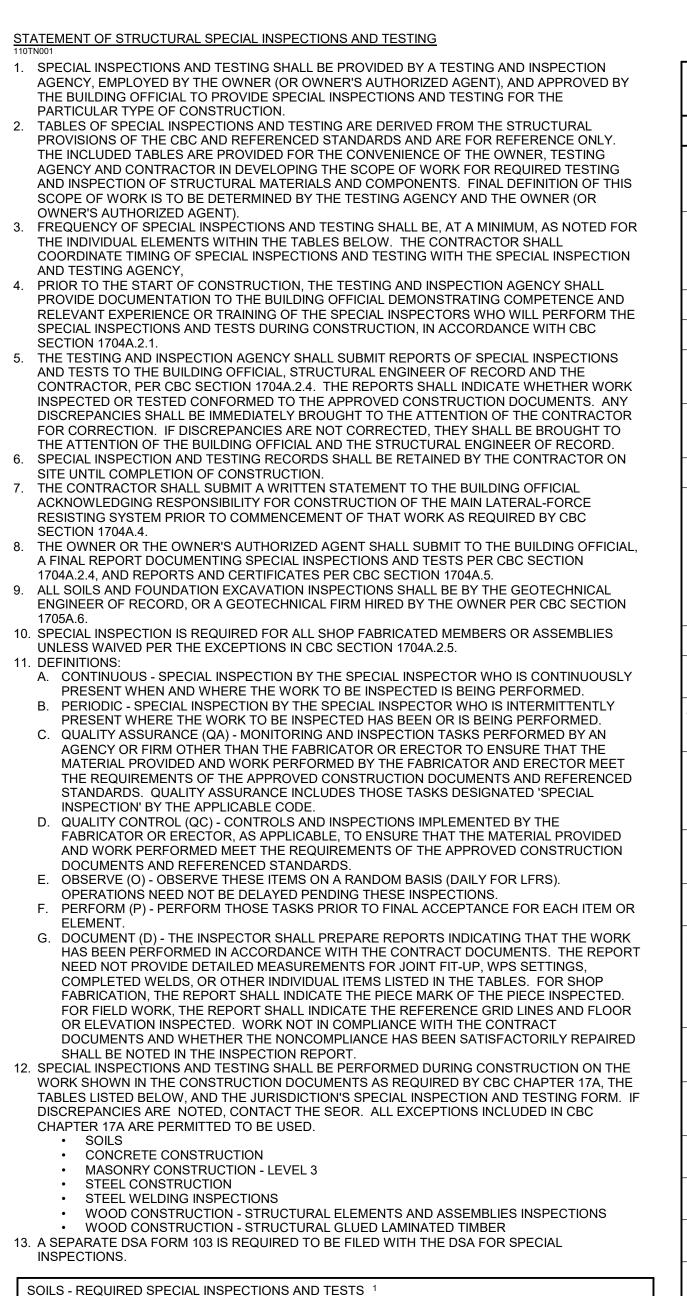


HORIZ - HORIZONTAL XXS - DOUBLE EXTRA STRONG HSB - HIGH STRENGTH BOLT HSS - HOLLOW STRUCTURAL SECTION Ø - ROUND OR DIAMETER HT - HEIGHT





| 0 5' | 50' | 0 5' | 25' | 0 1' |
|-----------------|---------------|------|--------------|------|
| | | | | |
| GRAPHIC SCALES: | 1/16" = 1'-0" | | 1/8" = 1'-0" | |
| | | | | |



| CE | SC TABLE 1705A.6 | | |
|----|--|---------------|----------|
| | TYPE | CONTINUOUS | PERIODIC |
| 1. | VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY. | - | Х |
| 2. | VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL. | - | Х |
| 3. | PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS. | - | Х |
| 4. | DURING FILL PLACEMENT, VERIFY USE OF PROPER MATERIALS AND PROCEDURES IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT. VERIFY DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL. | Х | - |
| 5. | PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY. | - | Х |
| 6. | EARTH-RETAINING SHORING - SPECIAL INSPECTIONS AND TESTS SHALL BE IN ACCORDANCE WITH APPLICABLE PORTIONS OF SECTION 1812A. | - | - |
| 7. | VIBRO STONE COLUMNS - SPECIAL INSPECTIONS AND TESTS SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 1813A. | - | - |
| 1 | GEOTECHNICAL ENGINEER SHALL PROVIDE INSPECTION AND VE | RIFIED REPORT | |

PER CBC SECTION 1705A.6.1

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| 10TN301 | | | | TMS602 TABLE 3 AND 4 110TN403 | | | | | CBC TABLE 1705A.2.1 | | | |
|--|--|---|--|--|----------------|------------|----------------------------------|------------------------------------|--|-----------------------------------|---------------|--|
| TYPE CC | NTINUOUS | PERIODIC | REFERENCED STANDARD [®] | | RIFICATION RE | QUIREMENTS | 2 | | ТҮРЕ | CONTINUOUS | 6 PERIODIC | REFERENCED STANDAR |
| INSPECT AND TEST REINFORCEMENT, INCLUDING | | | ACI 318 Ch. 20, 25.2, 25.3, 26.6.1-26.6.3, 26.13.1, | | TION | | REFERENCE | FOR CRITERIA | 1. MATERIAL IDENTIFICATION AND TES | -I ΓING OF HIGH-S [™] | | S, NUTS AND WASHERS: |
| PRESTRESSING TENDONS, AND VERIFY PLACEMENT. | | | 26.13.3.2, 26.13.3.3 | PRIOR TO CONSTRUCTION, VERIFICATION SUBMITTALS | I OF COMPLIAN | ICE | TMS 60 | 2 ART. 1.5 | A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS | - | Х | RCSC: 1.5, AISC 360: SECTION A3.3, J3.1 AND |
| A. REINFORCEMENT IN SPECIAL MOMENT FRAMES, BOUNDARY | х | - | | PRIOR TO CONSTRUCTION, VERIFICATION EXCEPT WHERE SPECIFICALLY EXEMPTE | | AAC, | TMS 602 | 2 ART. 1.4B | SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS | | | APPLICABLE ASTM MATERIAL STANDARDS |
| ELEMENTS OF SPECIAL STRUCTURAL WALLS AND COUPLING BEAMS. | | | | DURING CONSTRUCTION, VERIFICATION | OF SLUMP FLO | | The 200 AV | | B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED | - | X | RCSC: 1.5 & 2.1, AISC 360: A3.3 & N3.2 |
| B. ALL OTHER REINFORCEMENT | - | Х | | VISUAL STABILITY INDEX (VSI) WHEN SELF | | | TMS 602 AI | RT. 1.5 & 1.6.3 | C. TESTING OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS | - | - | RCSC: 7.2, APPLICABLE ASTM MATERIAL |
| REINFORCING BAR WELDING: | | | AWS D1.4 — ACI 318: 18.2.8, 25.5.7, | DURING CONSTRUCTION, VERIFICATION (EVERY 5,000 SQ. FT. (465 SQ. M) | of F'M and F'A | AC FOR | TMS 602 | 2 ART. 1.4B | 2. INSPECTION OF HIGH-STRENGTH BC | | <u> </u> | STANDARDS |
| A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706 | - | Х | 26.6.4, 26.13.1.4, 26.13.3.2, 26.13.3.3 | DURING CONSTRUCTION, VERIFICATION (MATERIALS AS DELIVERED TO THE PROJE OR PREBLENDED MORTAR, PRESTRESSI | ECT SITE FOR F | PREMIXED | TMS 602 | 2 ART. 1.4B | A. SNUG-TIGHT JOINTS | - | x | 1 |
| B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; NOT | - | Х | | OTHER THAN SELF-CONSOLIDATING GRC | UT. | | | | B. PRETENSIONED AND SLIP- CRITICAL JOINTS USING TURN-OF | | X | |
| C. INSPECT ALL OTHER WELDS | | | _ | | FREQL | | REFERENCE | FOR CRITERIA | NUT WITH MATCHMARKING, TWIS OFF BOLT OR DIRECT TENSION INDICATOR METHODS OF | - | | RCSC: 7-9, AISC 360: J3.1, J3.2, |
| D. REINFORCING STEEL RESISTING | x | - | - | INSPECTION TASK | CONTINUOUS | 1 | TMS 402 | TMS 602 | INSTALLATION C. PRETENSIONED AND SLIP- | X | - | M2.5 & N5.6 |
| FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND | | | | 1. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE | | | | | CRITICAL JOINTS USING TURN-OF NUT WITHOUT MATCHMARKING, OR CALIBRATED WRENCH | | | |
| BOUNDARY ELEMENTS AND COUPLING BEAMS OF SPECIAL | | | | A. PROPORTIONS OF SITE- | - | X | | ART. 2.1, | METHODS OF INSTALLATION 3. MATERIAL IDENTIFICATION AND TES | | | |
| STRUCTURAL WALLS OF CONCRETE AND SHEAR REINFORCEMENT. | | | | PREPARED MORTAR B. GRADE AND SIZE OF | | × | | 2.6A & 2.6C | A. FOR STRUCTURAL STEEL, | | - | AISC 360, SECTION A3 |
| E. SHEAR REINFORCEMENT. | х | - | | PRESTRESSING TENDONS AND ANCHORAGES | - | | | 2.4 H | A. FOR STRUCTURAL STEEL, IDENTIFICATION MARKINGS TO CONFORM TO AISC 360 | - | X | AISC 360, SECTION A3 |
| INSPECT ANCHORS CAST IN CONCRETE. | - | Х | ACI 318: 17.8.2, 26.7.2, 26.8.2, 26.13.1, 26.13.3.3 | C. GRADE, TYPE AND SIZE OF REINFORCEMENT, | - | Х | | ART. 3.4 , 3.6 A | B. FOR OTHER STEEL, IDENTIFICATION MARKINGS TO | - | X | APPLICABLE ASTM MATERIAL STANDARD |
| INSPECT AND TEST ANCHORS POST- INSTALLED IN HARDENED CONCRETE | | | | CONNECTORS, ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES | | | | | CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENT | | | |
| A. ADHESIVE ANCHORS INSTALLED | X | - | ACI 318: 17.8.2.4, 26.7.2, | D. PRESTRESSING TECHNIQUE | - | x | | ART. 3.6 B | CONSTRUCTION DOCUMENT C. MANUFACTURER'S CERTIFIED TEST REPORTS | - | x | AISC 360: A3.1 & N3.2 |
| IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO | | | 26.13.1, 26.13.3.2 | E. PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY | Х | - | | ART. 2.1 C | D. TESTING OF UNIDENTIFIED STEEL | - | - | APPLICABLE ASTM |
| RESIST SUSTAINED TENSION LOADS. | | | _ | F. SAMPLE PANEL CONSTRUCTION | x | - | | ART. 1.6D | | | | |
| B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.A. | - | Х | ACI 318: 17.8.2, 26.7.2, 26.13.1, 26.13.3.3 | 2. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN | | | | | 4. MATERIAL IDENTIFICATION OF WELE A. IDENTIFICATION MARKINGS TO | | X | AISC 360, A3.5 & N3.2 A |
| VERIFY USE OF REQUIRED DESIGN | x | - | ACI 318: CH. 19, 26.4, 26.13.3.2 | A. GROUT SPACE | × | | | ART. 3.2 D, | CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS |) | | APPLICABLE AWS AS DOCUMENTS |
| PRIOR TO AND DURING CONCRETE | x | - | ASTM C172 | | | | | 3.2 F | B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED | - | X | AISC 360: N3.2 |
| PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT | | | ASTM C31 ACI 318: 26.4, 26.5, 26.12 | B. PLACEMENT OF PRESTRESSING TENDONS AND ANCHORAGES | - | X | SEC. 10.8 & 10.9 | ART. 2.4, 3.6 | C. NONDESTRUCTIVE TESTING OF | - | - | AISC 360: N5.5 |
| TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE. | | | | C. PLACEMENT OF REINFORCEMENT, CONNECTORS AND ANCHOR BOLTS | Х | - | SEC. 6.1, 6.3.1, 6.3.6, 6.3.7 | ART. 3.2 E, 3.4 | 5. INSPECTION OF WELDING | | | |
| INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR | x | - | ACI 318: 26.5, 26.13 ACI 506: 3.4 | D. PROPORTIONS OF SITE- PREPARED GROUT AND | - | X | | ART. 2.6 B, 2.4 | A. STRUCTURAL STEEL AND COLD-F | ORMED STEEL C | ECK: | |
| PROPER APPLICATION TECHNIQUES. | | × | ACI 318: 26.5.3-26.5.5, | PRESTRESSING GROUT FOR BONDED TENDONS | | | | G.1.b | a. COMPLETE AND PARTIAL JOIN PENETRATION GROOVE WELD | | - | |
| CURING TEMPERATURE AND TECHNIQUES. | - | ~ | 26.13.3.3 | 3. VERIFY COMPLIANCE OF THE FOLLOWING DURING | Х | - | | | b. MULTIPASS FILLET WELDS | x | - | - |
| INSPECT PRESTRESSED CONCRETE FOR: | | | ACI 318: 26.10.2, 26.13.1, 26.13.3.2 | A. MATERIALS AND PROCEDURES | | x | | ART. 1.5 | c. SINGLE-PASS FILLET WELDS > 5/16" | Х | - | AISC 360: J2, M2.4, & M4.5 |
| A. APPLICATION OF PRESTRESSING FORCES | x | - | | WITH THE APPROVED SUBMITTALS | | ~ | | ART. 1.3 | d. PLUG AND SLOT WELDS | x | - | AWS D1.1 AWS D1.8 |
| B. GROUTING OF BONDED | x | - | - | B. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT | - | Х | | ART. 3.3 B | e. SINGLE-PASS FILLET WELDS ≤ 5/16" | - | X | |
| PRESTRESSING TENDONS. D. INSPECT ERECTION OF PRECAST | - | Х | ACI 318: Ch. 26.9, 26.13.1, | CONSTRUCTION C. SIZE & LOCATION OF | - | X | | ART. 3.3 F | f. FLOOR AND ROOF DECK WELL | S - | x | AWS D1.3, SDI QA/QC |
| CONCRETE MEMBERS. 1. FOR PRECAST CONCRETE | | | 26.13.3.3 ACI 318: 26.13.1.3 | D. TYPE, SIZE, AND LOCATION OF | × | _ | SEC. 1.2.1(e), | | g. END-WELDED STUDS | - | X | AWS D1.1 |
| DIAPHRAGM CONNECTIONS OR REINFORCEMENT AT JOINTS CLASSIFIED AS MODERATE OR HIGH | | | ACI 550.5 | ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF | | | 6.2.1, 6.3.1 | | h. WELDED SHEET STEEL FOR COLD-FORMED FRAMING MEMBERS | - | X | AWS D1.3 |
| DEFORMABILITY ELEMENTS (MDE OR HDE) IN STRUCTURES ASSIGNED TO | | | | MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION (INCLUDES | | | | REPORT (POST- | B. REINFORCING STEEL | - | - | TABLE 1705A.3, ITEM |
| SEISMIC DESIGN CATEGORY D, E OR F, INSPECT SUCH CONNECTIONS AND REINFORCEMENT IN THE FIELD | | | | POST-INSTALLED ANCHORS) | X | | INSTALLED / SEC. 6.1.6.1.2 | , | 6. INSPECTION OF STEEL FRAME JOIN | DETAILS FOR C | 1 | - - |
| A. INSTALLATION OF THE | x | | - | F. PREPARATION, CONSTRUCTION, | - | X | SEC. 0.1.0.1.2 | ART. 1.8 C, | A. DETAILS SUCH AS BRACING AND STIFFENING | - | X | _ |
| EMBEDDED PARTS. | | | _ | AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F | | | | 1.8D | B. MEMBER LOCATIONS | - | X | AISC 360: N5.8 |
| B. COMPLETION OF THE CONTINUITY OF REINFORCEMENT ACROSS JOINTS. | Х | - | | (4.4°C)) OR HOT WEATHER (TEMPERATURE ABOVE 90°F | | | | | C. APPLICATION OF JOINT DETAILS AT EACH CONNECTION | - | X | |
| C. COMPLETION OF CONNECTIONS IN THE FIELD. | x | - | | (32.2°C)) G. APPLICATION AND | x | - | | ART. 3.6 B | 1. WHERE APPLICABLE, SEE ALSO SEC RESISTANCE | TION 1705A.13, S | PECIAL INSPEC | TIONS FOR SEISMIC |
| 2. INSPECT INSTALLATION TOLERANCES OF PRECAST | - | Х | ACI 318: 26.13.1.3 | MEASUREMENT OF PRESTRESSING FORCE | | | | | | | | |
| CONCRETE DIAPHRAGM CONNECTIONS FOR COMPLIANCE | | | | H. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IS IN | X | - | | ART. 3.5, 3.6 C | | | | |
| WITH ACI 550.5. 3. VERIFY IN-SITU CONCRETE | - | Х | ACI 318: 26.10.2, 26.11.2, | COMPLIANCE | × | | | | | | | |
| STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL | | | 26.13.3.3 | I. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS | X | - | | ART. 3.3 B.9, 3.3 F.1.b | | | | |
| OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS. | | | | 4. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, | - | Х | | ART. 1.4 B.2.a.3, 1.4 B.2.b.3, | | | | |
| 4. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE | - | Х | ACI 318: 26.11.1.2(b), 26.13.3.3 | AND/OR PRISMS | | | | 1.4 B.2.c.3, 1.4B.3, 1.4 B.4 | | | | |
| CONCRETE MEMBER BEING FORMED. | | | | | ļ | | | 1.4 0.4 | | | | |
| 5. BATCH PLANT - QUALITY AND QUANTITY OF MATERIALS USED IN | Х | - | | | | | | | | | | |
| TRANSIT-MIXED CONCRETE AND BATCHED AGGREGATES, AT LOCATION WHERE MATERIALS ARE | | | | | | | | | | | | |
| MEASURED. d | | | | | | | | | | | | |
| CONCRETE PREPLACEMENT INSPECTION FORMS AND REINFORCEMENT HAVE BEEI PLACEMENT HAVE BEEN COMPLETED, AN | N INSPECTED | , ALL PREPA | RATIONS FOR THE | | | | | | | | | |
| INSPECTOR OF RECORD. PLACING RECORD - A RECORD SHALL BE I | | | | | | | | | | | | |
| PLACING THE CONCRETE IN EACH PORTIC KEPT UNTIL THE COMPLETION OF THE STR OF THE ENFORCEMENT AGENCY. | | | | | | | | | | | | |
| 3. COMPOSITE CONSTRUCTION CORES - CO AND TESTED IN ACCORDANCE WITH CBC | | | N CORES SHALL BE TAKEN | | | | | | | | | |
| WHERE APPLICABLE, SEE ALSO SECTION | | | TIONS FOR SEISMIC | | | | | | | | | |
| RESISTANCE. SPECIFIC REQUIREMENTS FOR SPECIAL II | NSPECTIONS | | LUDED IN THE RESEARCH | | | | | | | | | |
| REPORT FOR THE ANCHOR ISSUED BY AN ACI 318, OR OTHER QUALIFICATION PROC PROVIDED, SPECIAL INSPECTION REQUIR DESIGN PROFESSIONAL AND SHALL BE AN | I APPROVED S EDURES. WH EMENTS SHA | SOURCE IN A IERE SPECIF LL BE SPECI | ACCORDANCE WITH 17.8.2 IN IC REQUIREMENTS ARE NOT FIED BY THE REGISTERED | | | | | | | | | |
| COMMENCEMENT OF THE WORK. . SPECIFIC REQUIREMENTS FOR SPECIAL II | | | | | | | | | | | | |
| REPORT FOR THE ANCHOR ISSUED BY AN ACI 318, OR OTHER QUALIFICATION PROC PROVIDED, SPECIAL INSPECTION REQUIR | I APPROVED S EDURES. WH EMENTS SHA | SOURCE IN A IERE SPECIF LL BE SPECI | ACCORDANCE WITH 17.8.2 IN IC REQUIREMENTS ARE NOT | | | | | | | | | |

STRUCTURAL SPECIAL INSPECTIONS AND TESTING

IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT SCALE ACCORDINGLY

3" = 1'-0"

CBC SECTION 1705A.2.5 110TN509 INSPECTION AND TESTING (INCLUDING NON-DESTRUCTIVE TESTING) OF ALL SHOP AND FIELD

WELDING OPERATIONS SHALL BE MADE BY A QUALIFIED WELDING INSPECTOR APPROVED BY THE ENFORCEMENT AGENCY. THE MINIMUM REQUIREMENTS FOR A QUALIFIED WELDING INSPECTOR SHALL BE AS THOSE FOR AN AWS CERTIFIED WELDING INSPECTOR (CWI), AS DEFINED IN THE PROVISIONS OF THE AWS QC1.

STEEL CONSTRUCTION - WELDING - SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL WELDING

THE WELDING INSPECTOR SHALL MAKE A SYSTEMATIC DAILY RECORD OF ALL WELDS. IN ADDITION TO OTHER REQUIRED RECORDS, THIS RECORD SHALL INCLUDE: 1. IDENTIFICATION MARKS OF WELDERS 2. LIST OF DEFECTIVE WELDS

3. MANNER OF CORRECTION OF DEFECTS

THE WELDING INSPECTOR SHALL CHECK THE MATERIAL, DETAILS OF CONSTRUCTION AND PROCEDURE, AS WELL AS WORKMANSHIP OF THE WELDS. THE INSPECTOR SHALL VERIFY THAT THE INSTALLATION OF END-WELDED STUD SHEAR CONNECTORS RECEIVES SAMPLING AND TESTING IN ACCORDANCE WITH THE REQUIREMENTS OF AWS D1.1 AND THE APPROVED PLANS AND SPECIFICATIONS. THE APPROVED AGENCY SHALL FURNISH THE ARCHITECT, STRUCTURAL ENGINEER, AND THE ENFORCEMENT AGENCY WITH A VERIFIED REPORT THAT THE WELDING HAS BEEN DONE IN CONFORMANCE WITH AWS D1.1, D1.3, D1.4, D1.8, AND THE APPROVED CONSTRUCTION DOCUMENTS.

WOOD CONSTRUCTION - STRUCTURAL ELEMENTS AND ASSEMBLIES REQUIRED SPECIAL INSPECTIONS CBC SECTION 1705A.5.4

THE APPROVED AGENCY SHALL FURNISH A VERIFIED REPORT TO THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OF CONSTRUCTION OBSERVATION, THE STRUCTURAL ENGINEER, AND THE ENFORCEMENT AGENCY, IN ACCORDANCE WITH THE CALIFORNIA ADMINISTRATIVE CODE AND THIS CHAPTER. THE VERIFIED REPORT SHALL LIST ALL INSPECTED MEMBERS OR TRUSSES, AND SHALL INDICATE WHETHER OR NOT THE INSPECTED MEMBERS OR TRUSSES CONFORM WITH APPLICABLE STANDARDS AND THE APPROVED DRAWINGS AND SPECIFICATIONS. ANY NONCONFORMING ITEMS SHALL BE INDICATED ON THE VERIFIED REPORT.

MINIMUM VERIFICATION

WOOD CONSTRUCTION - STRUCTURAL GLUED LAMINATED AND CROSS-LAMINATED TIMBER REQUIRED SPECIAL INSPECTIONS CBC SECTION 1705A.5.5

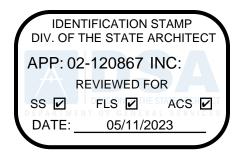
110TN604

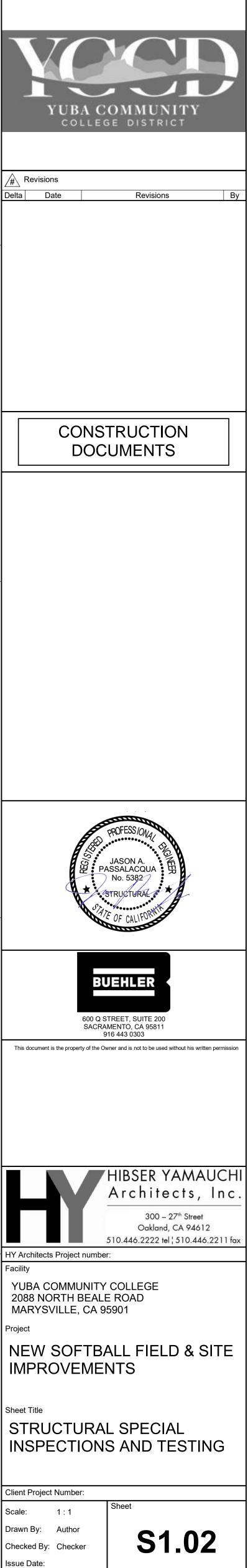
110TN605

MINIMUM VERIFICATION

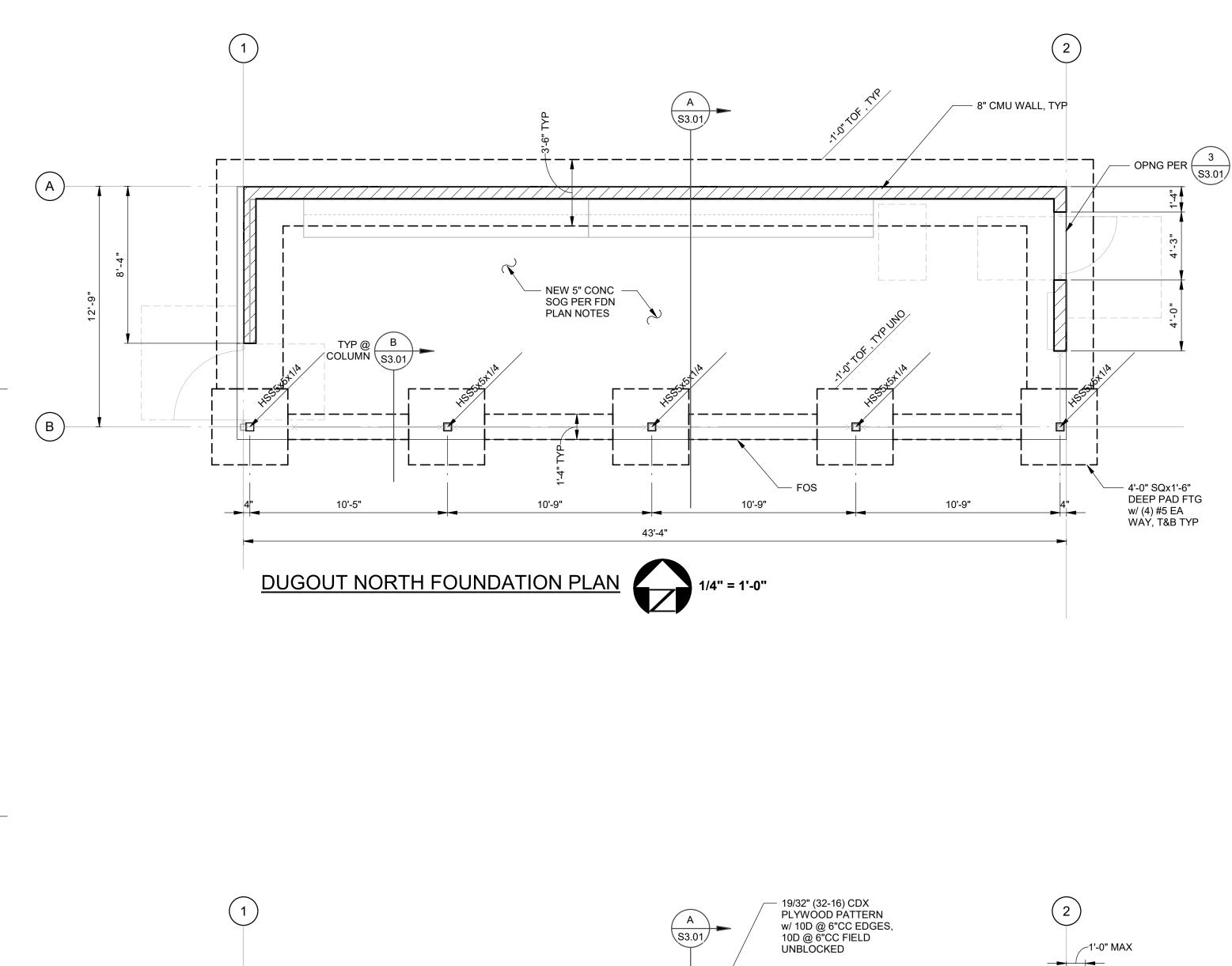
MANUFACTURE OF ALL STRUCTURAL GLUED LAMINATED AND CROSS-LAMINATED TIMBER SHALL BE CONTINUOUSLY INSPECTED BY AN APPROVED AGENCY. THE APPROVED AGENCY SHALL VERIFY THAT PROPER QUALITY CONTROL PROCEDURES AND TESTS HAVE BEEN EMPLOYED FOR ALL MATERIALS AND THE MANUFACTURING PROCESS, AND SHALL PERFORM VISUAL INSPECTION OF THE FINISHED PRODUCT. EACH INSPECTED MEMBER SHALL BE STAMPED BY THE APPROVED AGENCY WITH AN IDENTIFICATION MARK.

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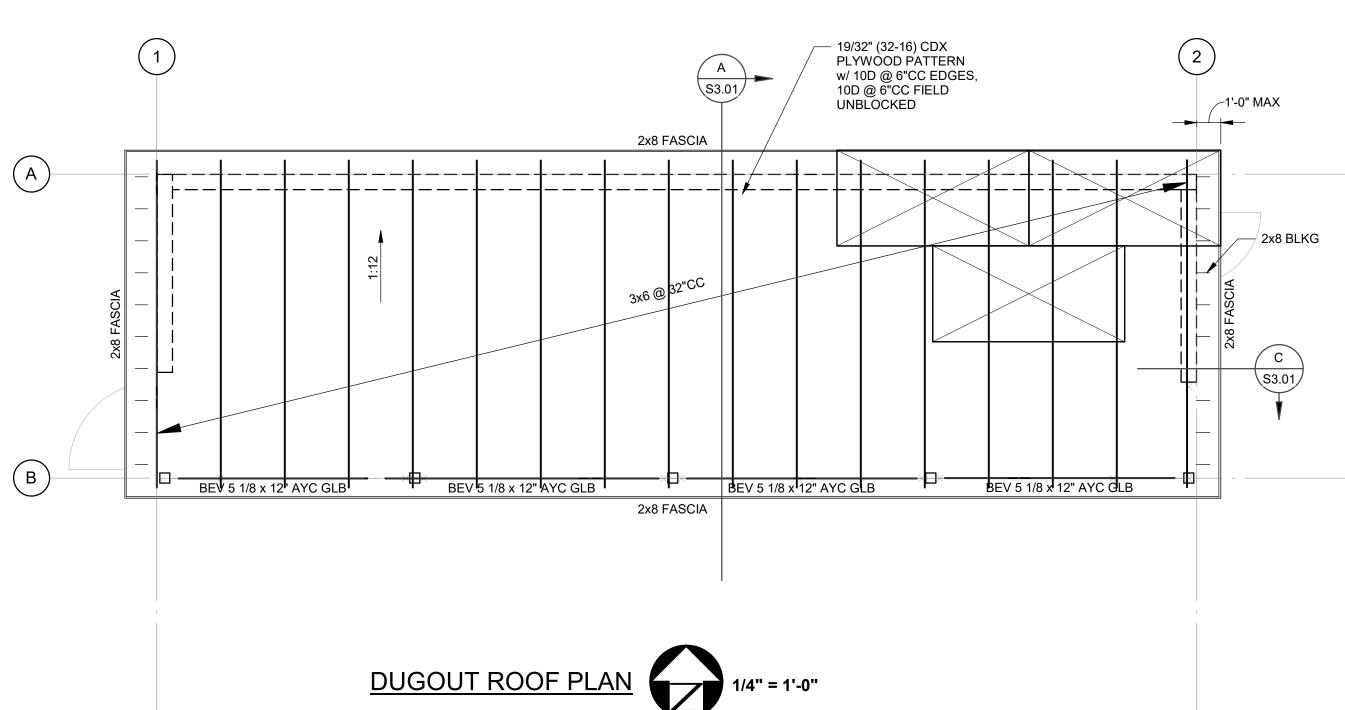


Sheet of 53



25'

1/8" = 1'-0"



6'

0 1'

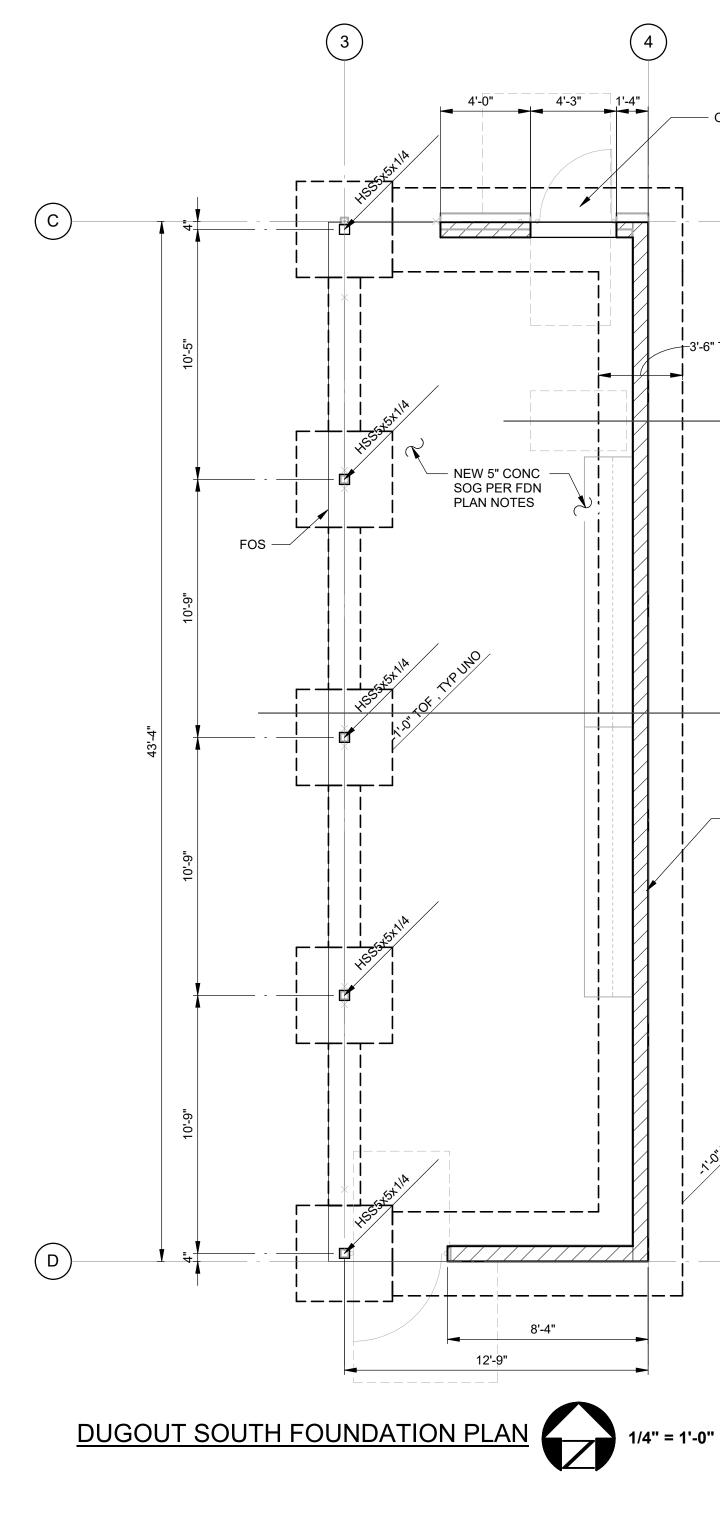
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\S3.01

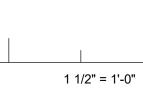
/ A

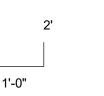
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Revit Version: 2023

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IF THIS SHEET IS NOT 30"x42" , IT IS A REDUCED PRINT SCALE ACCORDINGLY

STRUCTURAL GRIDS. RAMPS, ETC. BELOW GRADE, TYP. FOOTINGS, TYP UNO. FOUNDATION LEGEND HSS COLUMN & SIZE. FOR BASE PLATE, SEE 1/S3.01 TYP UNO.

FRAMING PLAN NOTES

STRUCTURAL GRIDS.

FRAMING LEGEND

TYPE.

X-XX TOS

SHOWN.

APPLICABLE TO ALL DRAWINGS, UNO.

OR BEAMS WHERE OCCURS, TYP UNO.

8" CMU WALL. FOR REINFORCING, SEE <u>4/S3.01</u> AND CMU GENERAL NOTES. CONDUITS IN CMU TO BE PER CMU GENERAL NOTES.

1. NOTES AND DETAILS ON SHEETS LABELED AS "GENERAL" OR "TYPICAL" ARE

3. DIMENSIONS SHOWN ARE TO CL OF COLUMN OR FACE OF BLOCK.

2. VERIFY ALL BUILDING DIMENSIONS AND ELEVATIONS w/ ARCH DRAWINGS. NOTIFY THE ARCHITECT IMMEDIATELY IF THERE ARE ANY CONFLICTS w/ DIMENSIONS

4. CONTRACTOR SHALL SUBMIT AN EDGE OF SLAB PLAN TO ARCHITECT & SEOR FOR REVIEW. SUBMITTAL SHALL BE DIMENSIONED AND LOCATED RELATIVE TO

5. ALL BEAMS SHALL BE EQUALLY SPACED BETWEEN DIMENSIONED COLUMNS, GRIDS,

HSS COLUMN. SIZE INDICATED AT BASE LEVEL OF COLUMN ONLY.

SOLID GROUTED CMU WALL. SEE FOUNDATION PLAN FOR ADDL INFO.

 $\Box \equiv \Box$ Wall Below, see Foundation or framing level below for Wall

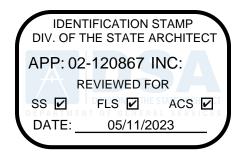
X-XX[®] TOF TOP OF FRAMING ELEVATION (i.e. UNDERSIDE OF FLOOR SHTG) ABOVE REFERENCE TOP OF CONCRETE (0'-0") TYP, UNO.

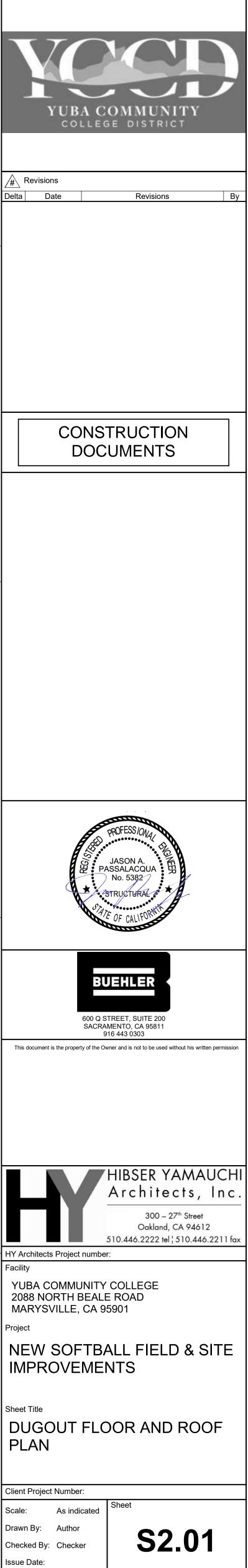
6. FOR WOOD BEAM TO HSS COLUMN CONNECTION, SEE <u>2/S3.01</u> TYP, UNO.

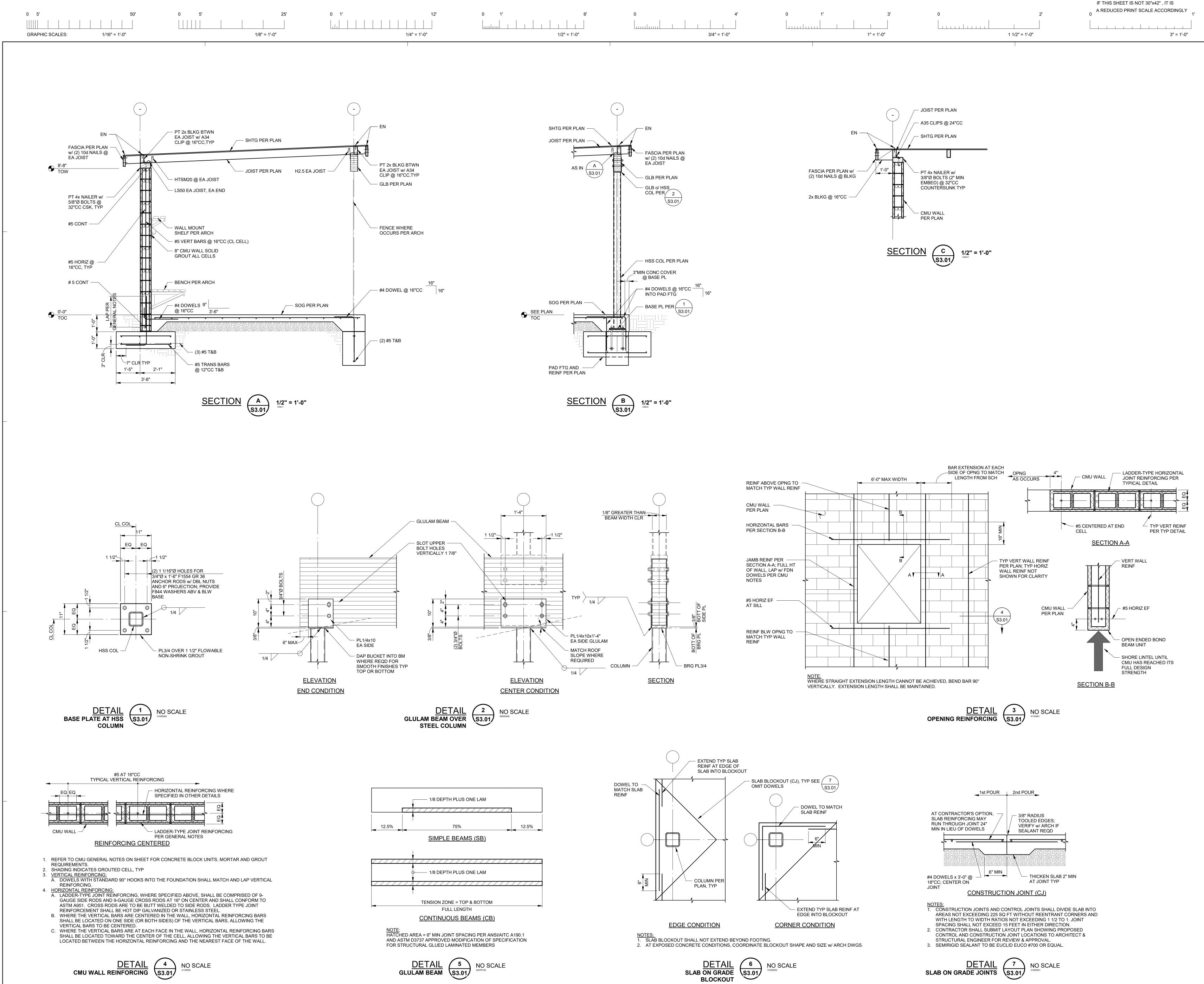
ELEVATION OF TOP OF STEEL FRAMING.

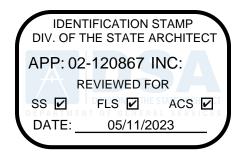
- 8. CONTINUE ALL REINFORCING IN CONTINUOUS FOOTINGS THROUGH SPREAD
- 7. PROVIDE 3" MIN. CONCRETE COVER AT STRUCTURAL STEEL AND ANCHOR BOLTS
- 6. SEE ARCH & CIVIL DRAWINGS FOR ALL EXTERIOR CURBS, FLATWORK, PLANTERS,
- 5. CONTRACTOR SHALL SUBMIT AN EDGE OF SLAB PLAN TO ARCHITECT & SEOR FOR REVIEW. SUBMITTAL SHALL BE DIMENSIONED AND LOCATED RELATIVE TO
- CONCRETE SHALL BE INSTALLED OVER 4" CLEAN CRUSHED ROCK. TOP OF CONCRETE SLAB IS 0'-0" UNO.
- 3. DIMENSIONS SHOWN ARE TO THE CL OF COLUMN OR FACE OF BLOCK UNO. 4. SLAB ON GRADE SHALL BE 5" THICK CONCRETE w/ #4 @ 18"CC EW AT MID-DEPTH.
- SHOWN.
- 2. VERIFY ALL BUILDING DIMENSIONS AND ELEVATIONS w/ ARCH DRAWINGS. NOTIFY THE ARCHITECT IMMEDIATELY IF THERE ARE ANY CONFLICTS w/ DIMENSIONS
- 1. NOTES AND DETAILS ON SHEETS LABELED AS "GENERAL" OR "TYPICAL" ARE APPLICABLE TO ALL DRAWINGS, UNO.
- FOUNDATION PLAN NOTES

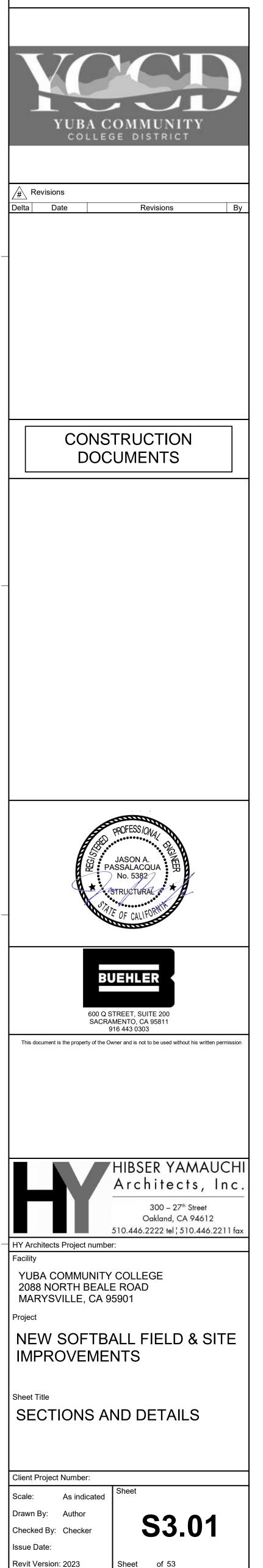
3" = 1'-0"











BRANCH CIRCUIT VOLTAGE DROP TABLE

25'

VOLTAGE DROP VALUES NOT EXCEEDING 2% FOR FEEDERS HAVE BEEN SHOWN ON THE ONE L IN LIEU OF VOLTAGE DROP CALCULATIONS FOR EACH BRANCH CIRCUIT IN SCOPE OF DESIGN STANDARD BELOW HAS BEEN FOLLOWED TO ENSURE A VOLTAGE DROP OF WHERE THE CIRCUIT LOAD OR CIRCUIT LENGTH LISTED HAS BEEN EXCEEDED, A DET CALCULATION FOR THAT CIRCUIT HAS BEEN PROVIDED WITH THE TITLE 24 COMPLIA

| VOLTAGE | MAXIMUM CIRCUIT LOAD FOR 20 AMP CIRCUIT BREAKER | CONDUCTOR SIZE |
|----------|---|----------------|
| | | #8 AWG |
| | 9 AMPS (1.08 KVA) | #10 AWG |
| | | #12 AWG |
| | | #8 AWG |
| 120 VOLT | 12 AMPS (1.44 KVA) | #10 AWG |
| | | #12 AWG |
| | 16 AMPS (1.92 KVA) | #8 AWG |
| | | #10 AWG |
| | | #12 AWG |
| | | #8 AWG |
| | 9 AMPS (1.87 KVA) | #10 AWG |
| | | #12 AWG |
| | | #8 AWG |
| 208 VOLT | 12 AMPS (2.49 KVA) | #10 AWG |
| | | #12 AWG |
| | | #8 AWG |
| | 16 AMPS (3.33 KVA) | #10 AWG |
| | | #12 AWG |

| | EXTERIOR SITE AREA LUMINAIRE SCHEDULE | | | | |
|------|---|---------------------------|---|----------|--------------------|
| TYPE | MANUFACTURER CATALOG NO. | VOLTAGE DESCRIPTION | LIGHT SOURCE (LED, WATTS, LUMENS, COLOR TEMPERATURE, CRI, R9 IF AVAILABLE) | MOUNTING | REMARK NOTE No. |
| FP | KIM LIGHTING KFL1-16L-40-4K7-N-UNV-Y | UNV LED FLAGPOLE LIGHT | LED, 40W, 4000L, 4000K°, 80CRI | GROUND | 1 |
| | | | - | | |
| | | | - | | |
| | | | - | | |
| | | | _ | | |
| LUMI | LUMINAIRE SCHEDULE REMARK NOTES: | | | | |

(1) VERIFY FINISH WITH OWNER PRIOR TO ORDERING.

PHOTCELL CONTROL

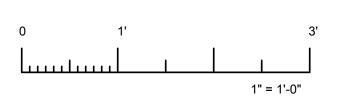
12' 1/4" = 1'-0"

А

A.F.F.

A.I.C.

0 1' 6' 1/0" - 1! 0"



| 1/2" = 1'-0" | 3/4" = 1'-0" |
|---|---|
| | |
| ABBREVIATIONS | ELECTRICAL SYMBOL LIST |
| AMPERES ABOVE FINISHED FLOOR AMPERE INTERRUPTING CAPACITY AMPERE AMERICAN WIRE GAUGE BREAKER CONDUIT CIRCUIT BREAKER CANDELA CIRCUIT CONDUIT ONLY, WITH PULL WIRE CURRENT TRANSFORMER EXISTING EVENING LIGHT | Image: Switchboard, Distribution Panel, OR Motor Control Center Image: Conduit Run underground Minimum 1" Diameter PVC SCH. 4 Image: Conduit Homerun to Panelboard, Switchboard or Termine Image: Sports Luminaire, With Pole And Base Image: Conduit Panelboard Image: Drawing Plan or Detail Designation - "1" or "A" Denotes Plant Image: Conduit Plant Image: Drawing Plant or Detail Designation - "1" or "A" Denotes Plant Image: Drawing Sheet Number Image: Drawing Sheet Num |
| ELECTRICAL METALLIC CONDUITGAUGEGROUNDSHORT CIRCUIT AMPERESISOLATEDKILO VOLT AMPEREKILO WATTLIGHTMINIMUMMOUNTEDNEUTRALNEWANATIONAL ELECTRICAL MANUFACTURERSASSOCIATIONNOT IN CONTRACTNIGHT LIGHTPROVISIONS FOR FUTURE CIRCUIT BREAKER | SYMBOL LIST NOTES: 1. "ABC-#" INDICATES PANEL AND CIRCUIT NUMBER. 2. MINIMUM CONDUCTOR SIZE FOR 120V BRANCH CIRCUITS SHALL BE #12 AW BRANCH CIRCUITS SHALL CONTAIN 3/4"C, 2#12 AWG AND 1#12 GND UNLESS 3. EXISTING ELECTRICAL EQUIPMENT, OUTLETS, AND DEVICES ARE SHOWN T LIGHTLY AND ACCOMPANIED BY (E). SUCH ELECTRICAL EQUIPMENT, OUTLE REMAIN AS IS, UNLESS OTHERWISE NOTED ON PLAN OR SPECIFICATION. 4. ELECTRICAL OUTLET BOXES MOUNTED ON OPPOSITE SIDES OF FIRE-RATEI SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF NOT LESS THAN 24 WHETHER SHOWN ON THE PLANS OR NOT. 5. VERIFY ON SITE THAT ALL PANELBOARDS HAVE MINIMUM WORKING SPACE DEDICATED PANELBOARD SPACES ARE CLEAR OF ALL DUCTS, PIPING AND THE PANEL BOARDS. NOTIFY THE ENGINEER FOR CORRECTIVE ACTION IN OBJECTS IMPEDE THE DEDICATED PANELBOARD AREAS. 6. WHERE CONDUIT STUB IS INDICATED, PROVIDE CONDUIT WITH BUSHING AT PULL ROPE INTO ACCESSIBLE CEILING AREA. |
| PHASE REMOVE T. RECEPTACLE S SHEET METAL SCREW | 1. MANDREL CLEAN WITH APPROPRIATE SIZE MANDREL, PRIOR TO PLACING F |
| TYPICAL UNDERGROUND UNDERWRITERS LABORATORY | CONDUITS. 2. WHERE POT HOLES OCCUR, PATCH ALL SURFACES TO MATCH EXISTING CONSTRUCTION. |

- 3. PROVIDE LABELS AT EACH CONDUIT TO INDICATE INITIATION AND TERMINATION POINT.
- 4. PROVIDE APPROPRIATE SIZE BUSHINGS AT EACH END OF THE CONDUIT.

| N THE ONE LINE DIAGRAM. DF WORK, THE GENERAL F 3% IS NOT EXCEEDED. ETAILED VOLTAGE DROP ANCE DOCUMENTATION. | |
|---|--|
| MAXIMUM BRANCH CIRCUIT LENGTH | |
| 285 FEET | |
| 180 FEET | |
| 115 FEET | |
| 210 FEET | |
| 135 FEET | |
| 85 FEET | |
| 130 FEET | |
| 85 FEET | |
| 55 FEET | |
| 440 FEET | |
| 285 FEET | |
| 170 FEET | |
| 330 FEET | |
| 215 FEET | |
| 130 FEET | |
| 250 FEET | |

160 FEET

95 FEET

| 73.1.0. | |
|---------|---------------------------------------|
| AMP | AMPERE |
| AWG | AMERICAN WIRE GAUGE |
| BKR | BREAKER |
| C. | CONDUIT |
| C.B. | CIRCUIT BREAKER |
| CD | CANDELA |
| СКТ | CIRCUIT |
| C.O. | CONDUIT ONLY, WITH PULL WIRE |
| C.T. | CURRENT TRANSFORMER |
| (E) | EXISTING |
| EL | EVENING LIGHT |
| EMT | ELECTRICAL METALLIC CONDUIT |
| GA. | GAUGE |
| GND | GROUND |
| lsc | SHORT CIRCUIT AMPERES |
| ISO | ISOLATED |
| KVA | KILO VOLT AMPERE |
| KW | KILO WATT |
| LT. | LIGHT |
| MIN. | MINIMUM |
| MTD. | MOUNTED |
| Ν | NEUTRAL |
| (N) | NEW |
| NEMA | NATIONAL ELECTRICAL MANUFACTURERS |
| | ASSOCIATION |
| N.I.C. | NOT IN CONTRACT |
| NL | NIGHT LIGHT |
| PFB | PROVISIONS FOR FUTURE CIRCUIT BREAKER |
| PH | PHASE |
| (R) | REMOVE |
| RCPT. | RECEPTACLE |
| S.M.S | SHEET METAL SCREW |
| TYP. | TYPICAL |
| UG | UNDERGROUND |
| UL | UNDERWRITERS LABORATORY |
| VA | VOLT-AMPERES |
| W | WIRE, WATT |
| WP | WEATHER PROTECTED |
| XFMR | TRANSFORMER |
| | |



IF THIS SHEET IS NOT 30"x42" , IT IS A REDUCED PRINT SCALE ACCORDINGLY

3" = 1'-0"

IST

OL CENTER SCH. 40

TERMINAL CABINET

DTES PLAN OR DETAIL NUMBER,

ES TO NUMBERED NOTE ON SAME

NDING TO PULL BOX SCHEDULE.

#12 AWG. AT A MINIMUM ALL UNLESS OTHERWISE INDICATED.

HOWN THE SAME AS NEW, EXCEPT T, OUTLETS, AND DEVICES ARE TO TION.

E-RATED WALLS OR PARTITIONS HAN 24 INCHES PER CBC,

SPACES PER CODE AND THAT THE NG AND EQUIPMENT FOREIGN TO TION IN THE EVENT THAT FOREIGN

HING AT THE END OF CONDUIT AND

ERAL NOTES

ACING PULL ROPES OR

STING CONDITIONS WITH LIKE

ELECTRICAL SHEET INDEX No. OF DRAWING DRAWING DESCRIPTIONS SHEETS No. ELECTRICAL SHEET INDEX, SYMBOL LIST, ABBREVIATIONS, E0.01 1 AND DEMOLITION GENERAL NOTES 2 E1.01 SITE PLAN - ELECTRICAL ELECTRICAL ONE LINE POWER DIAGRAM, PANEL SCHEDULES, 3 E2.01 AND LOAD CALCULATIONS E3.01 ELECTRICAL DETAILS 4

** UNDERGROUND DIGGING CAUTION **

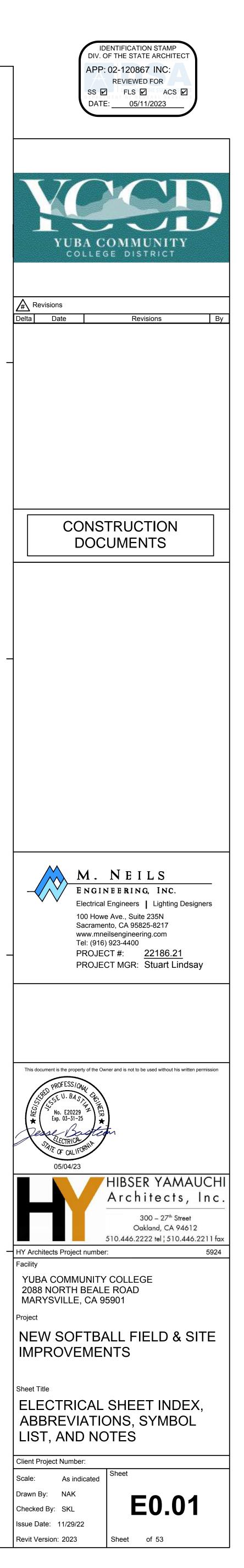
USE EXTREME CAUTION WHEN DIGGING TO AVOID BURIED UTILITY CABLES, CONDUITS, AND PIPING. CALL "UNDERGROUND SERVICE ALERT" (U.S.A.):

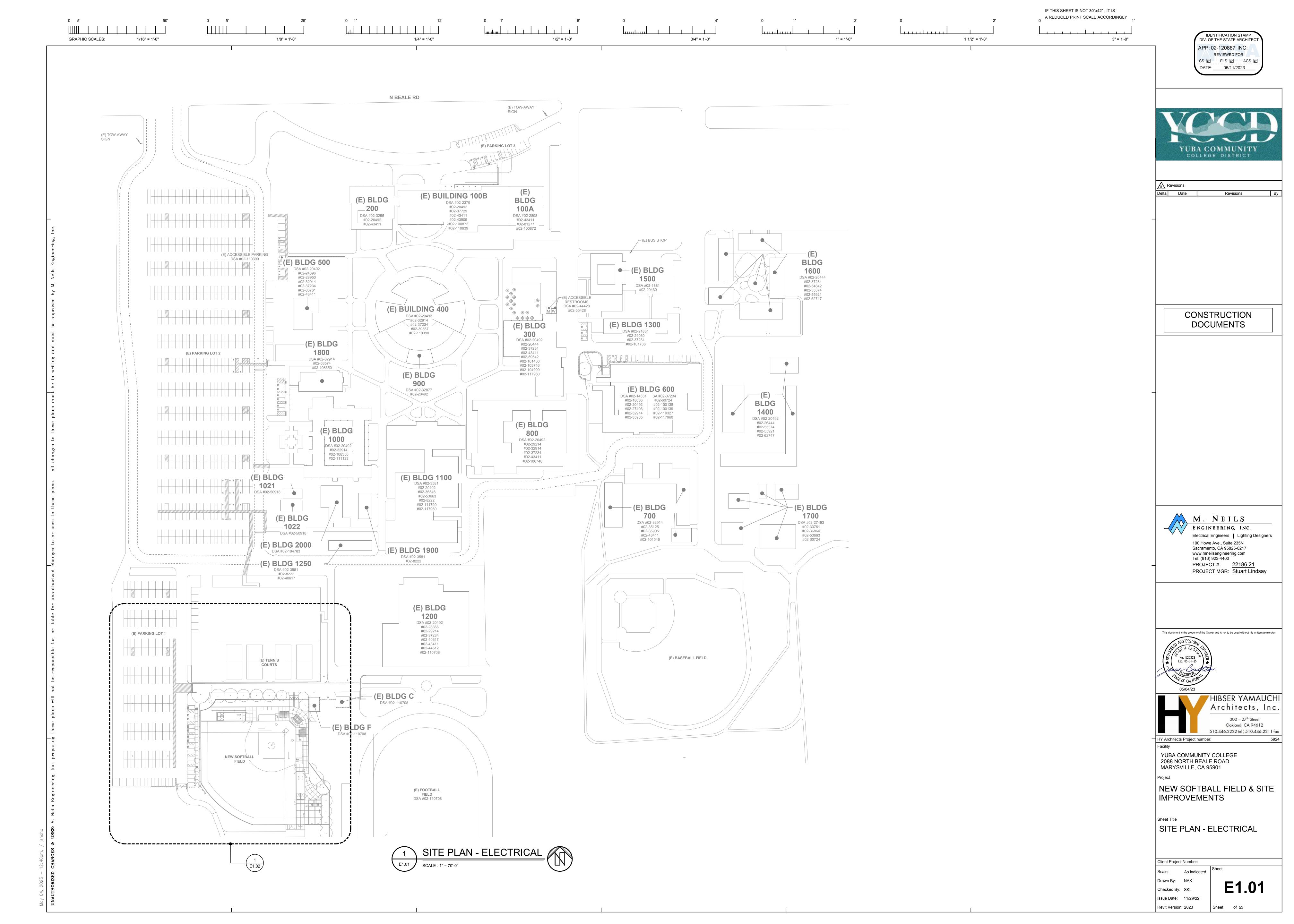
811 or 1-800-642-2444

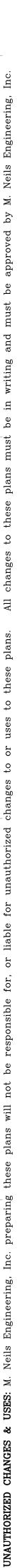
TWO WORKING DAYS BEFORE DIGGING TO VERIFY UNDERGROUND UTILITIES.

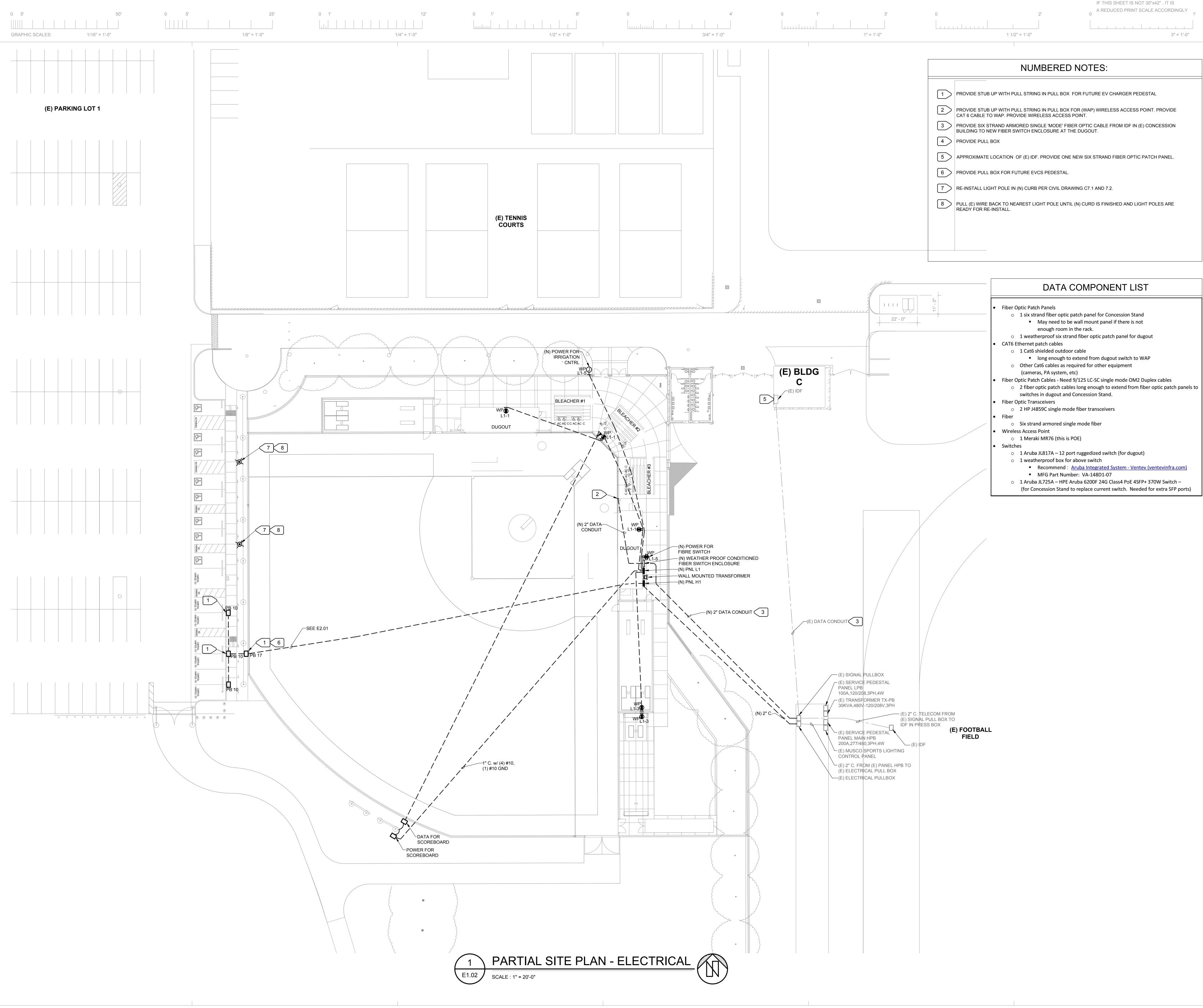
GROUND PENETRATION RADAR (GPR)

AREA CONTAINS EXISTING POWER AND SINGLE CONDUITS/CONDUCTORS AND THE LOCATIONS ARE UNKNOWN. THE CONTRACTOR SHALL USE GROUND PENETRATING RADAR (GPR) TO IDENTIFY UNDERGROUND INFRASTRUCTURE (CONDUITS AND PIPES) AND HAND DIG AROUND EXISTING UNDERGROUND INFRASTRUCTURE (CONDUITS AND PIPES).

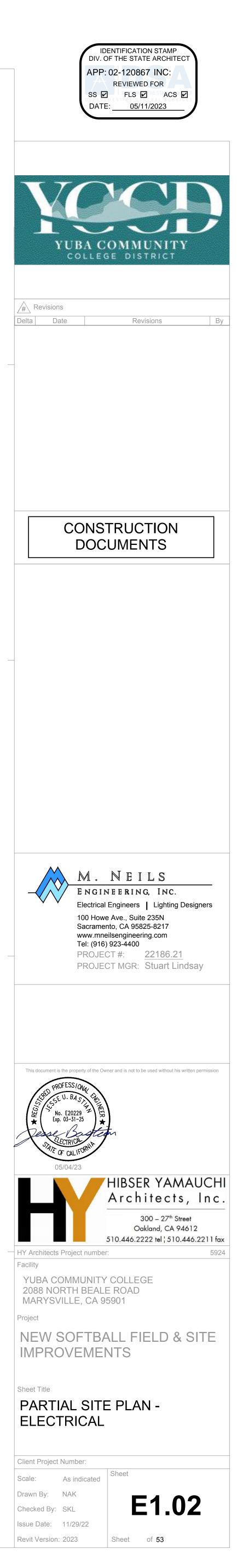




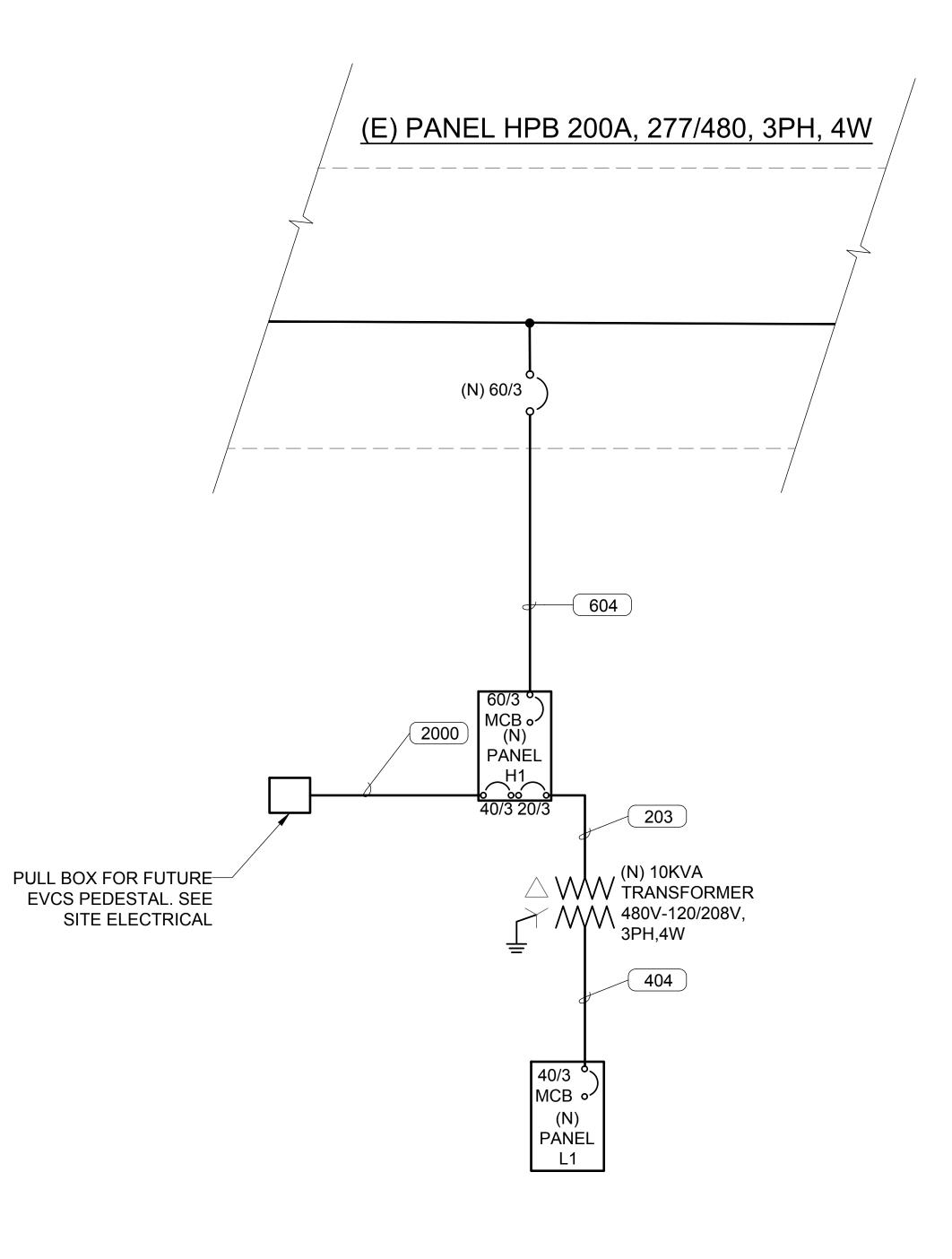




| 1" = 1'-0" | 1 1/2" = 1'-0" |
|------------|--|
| | |
| | NUMBERED NOTES: |
| | 1 PROVIDE STUB UP WITH PULL STRING IN PULL BOX FOR FUTURE EV CHARGEF |



4'



PARTIAL ONE LINE DIAGRAM

E2.01 NO SCALE

.

3" = 1'-0"

| 1' | | | 3' |
|----|---|--------|------|
| | I | I | |
| | | 1" = 1 | '-0" |

0

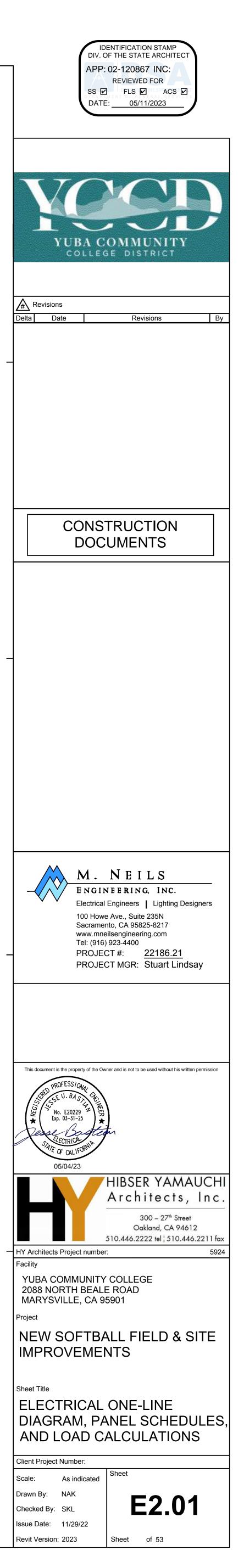
1 1 1/2" = 1'-0"

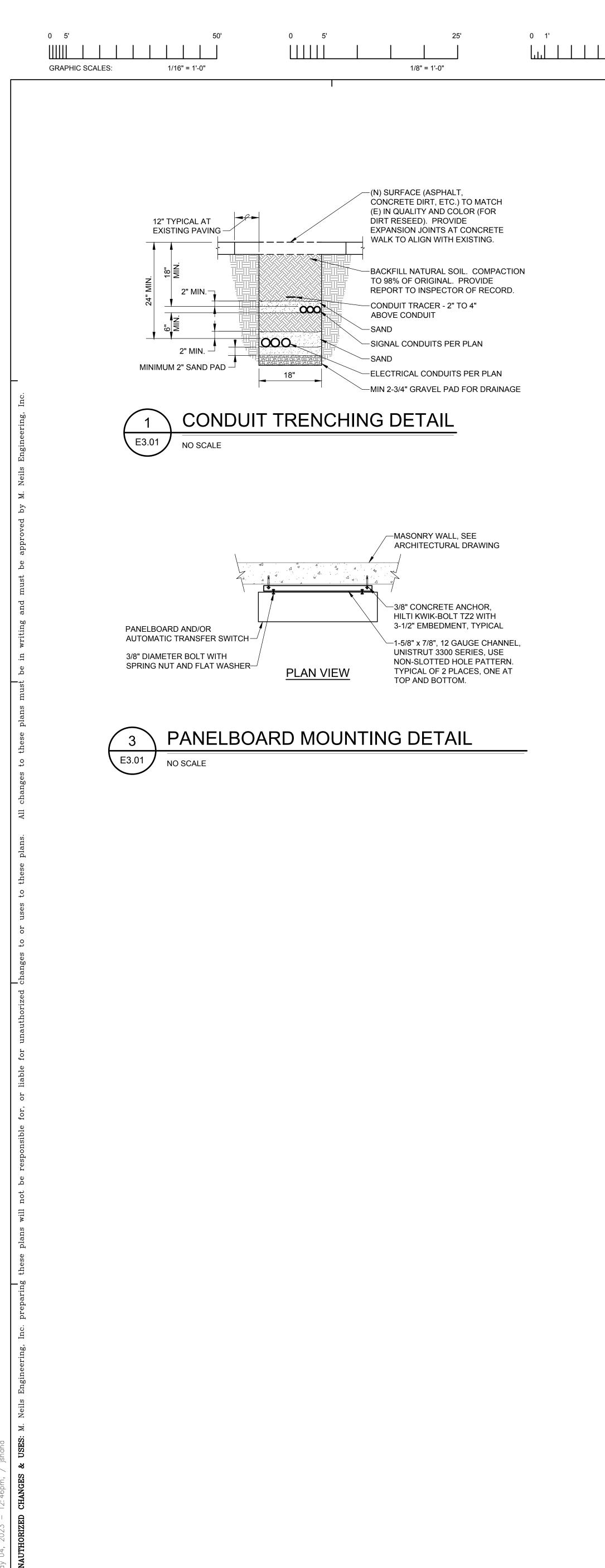
NEW PANEL "H1" SCHEDULE

| POWER SOL | JRCE: PANEL ' | 'HPB" | | | | LOCA | TION: DUG | TUC | | |
|-------------|---------------------|------------------|------------------|-----|-------------------|------|-----------|--------------------------------|--------------------|---------|
| SYSTEM: | NORMAL BR | ANCH | | | | | | | | |
| TYPE: | BUS: 125 AMPS | MAIN BKR: 50A | VOLTAGE: 3 PH | | Y/277 VO WIRES | | PANE | G: SURFACE EL TYPE WA 3R | RE | MARKS: |
| LOAD | SERVED | kVA | СВ | СКТ | PHASE | СКТ | СВ | kVA | LOAD | SERVED |
| SPARE | | | 20/1 | 1 | A | 2 | PFB | | SPACE | |
| SPARE | | | 20/1 | 3 | В | 4 | PFB | | SPACE | |
| SPARE | | | 20/1 | 5 | С | 6 | PFB | | SPACE | |
| SPARE | | | 20/1 | 7 | A | 8 | PFB | | SPACE | |
| SPARE | | | 20/1 | 9 | В | 10 | PFB | | SPACE | |
| SPARE | | | 20/1 | 11 | С | 12 | PFB | | SPACE | |
| SPARE | | | 20/1 | 13 | A | 14 | | 0.7 | 10 KVA TRANSFORMER | |
| SPARE | | | 20/1 | 15 | В | 16 | 20/3 | 0.4 | | |
| SPARE | | | 20/2 | 17 | С | 18 | | 0.5 | | |
| | | | 20/2 | 19 | A | 20 | | | | |
| SPARE | | | 20/2 | 21 | В | 22 | 40/3 | | FUTURE EVCS | |
| | | | 2012 | 23 | C | 24 | | | | |
| NOTES: | | | | | | | | C | ONNECTED | LOAD |
| [1] GFCI BF | REAKER | | | | | | | PHASE A= | | kVA |
| | | | | | | | | PHASE B= | 0.4 | kVA |
| | | | | | | | | PHASE C= | 0.5 | kVA |
| | | | | | | | | TOTAL = | 1.6 | kVA |
| | | | | | | | | TOTAL = | 1.9 | Amperes |

| POWER SOL | JRCE: PANEL "H | 11" | | | | LOCA | TION: DUG | JUC | | |
|-------------|---------------------|------------------|---------|-----|-------------------|------|-----------|--------------------------------|-----------|---------|
| SYSTEM: | NORMAL BRAN | NCH | | | | | | | | |
| TYPE: | BUS: 125 AMPS | MAIN BKR: 50A | VOLTAGE | | Y/120 VO WIRES | 25 | PANE | G: SURFACE EL TYPE MA 3R | RE | MARKS: |
| LOAD | SERVED | kVA | СВ | СКТ | PHASE | СКТ | СВ | kVA | LOAD | SERVED |
| RCPT-BACK | STOP/DUGOUT | 0.5 | 20/1 | 1 | A | 2 | 20/1 | 0.12 | FLAG POLE | LTS |
| RCPT-BULLF | PEN | 0.4 | 20/1 | 3 | В | 4 | 20/1 | | SPARE | |
| RCPT-IDF,IR | RIGATION | 0.5 | 20/1 | 5 | С | 6 | 20/1 | | SPARE | |
| SPARE | | | 20/1 | 7 | A | 8 | 20/1 | | SPARE | |
| SPARE | | | 20/1 | 9 | В | 10 | 20/1 | | SPARE | |
| SPARE | | | 20/1 | 11 | С | 12 | PFB | | SPACE | |
| SPARE | | | 20/1 | 13 | A | 14 | PFB | | SPACE | |
| SPARE | | | 20/1 | 15 | B | 16 | PFB | | SPACE | |
| SPARE | | | 20/2 | 17 | С | 18 | PFB | | SPACE | |
| OFAIL | | | 20/2 | 19 | A | 20 | PFB | | SPACE | |
| SPARE | | | 20/2 | | B | 22 | PFB | | SPACE | |
| | | | 2012 | 23 | С | 24 | PFB | | SPACE | |
| NOTES: | | | | | | | | C | ONNECTED | LOAD |
| [1] GFCI BF | REAKER | | | | | | | PHASE A= | 0.7 | kVA |
| | | | | | | | | PHASE B= | 0.4 | kVA |
| | | | | | | | | PHASE C= | 0.5 | kVA |
| | | | | | | | | TOTAL = | 1.6 | kVA |
| | | | | | | | | TOTAL = | 4.3 | Amperes |

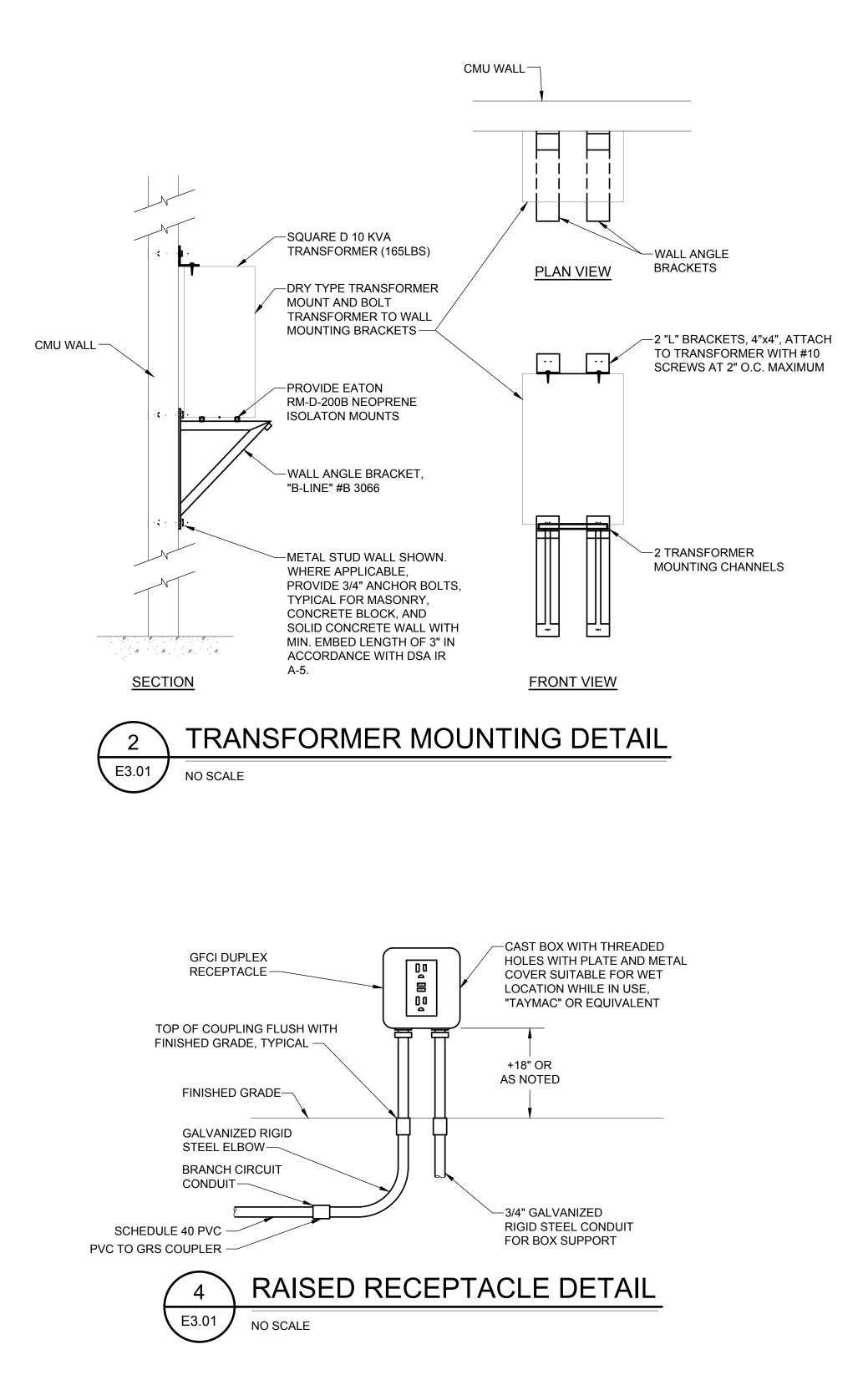
| | FEEDER SCHEDULE | | | | | |
|-------|--|--|--|--|--|--|
| TAG 💭 | DESCRIPTION | | | | | |
| 203 | 3/4" C., 3 #12, AND 1 #12 GND. | | | | | |
| 404 | 1 " C., 4 #8, AND 1 #10 GND. | | | | | |
| 604 | 1-1/4" C., 4 #6, AND 1 #10 GND. | | | | | |
| 2000 | ONE 2" DIAMETER EMPTY CONDUIT WITH PULL CORD | | | | | |





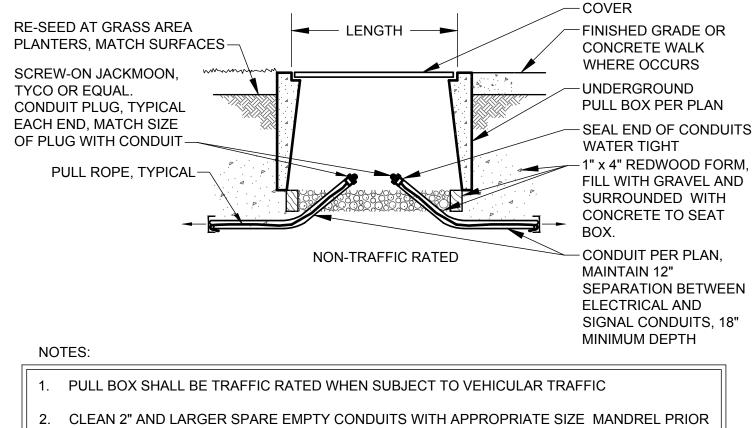


1" = 1'-0"



UNDERGROUND PULL BOX SCHEDULE NOMINAL NOMINAL NOMINAL WIDTH LENGTH DEPTH TAG PB10 10" 17" 12" PB13 13" 24" 12" PB17 17" 30" 12" PB24 24" 36" 12" PB30 48" 12" 30" REFER TO PLAN FOR LOCATION OF BOXES

AND TYPES USED.



TO PLACING PULL ROPE AND PLUGGING EMPTY CONDUITS WITH CONDUIT PLUGS.

3. PULL ROPE: TIE OFF EACH END TO DUCT PLUG TO PREVENT PULL ROPE LOSS IN CONDUIT.

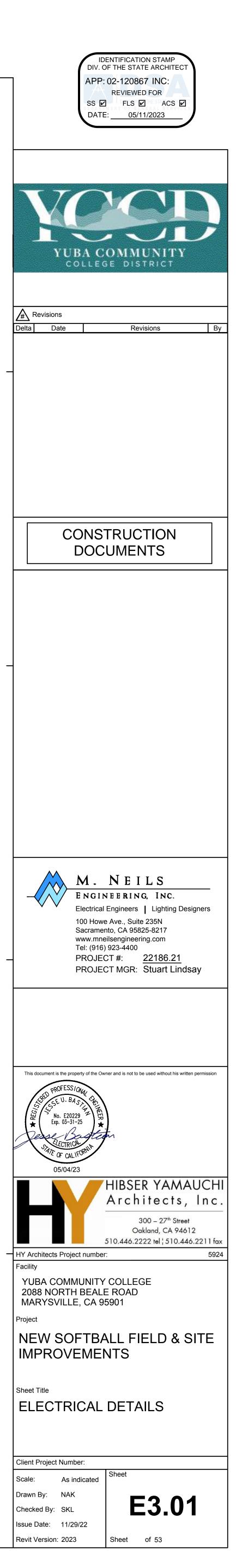
UNDERGROUND PULL BOX DETAIL & SCHEDULE 5

NO SCALE

E3.01

1 1/2" = 1'-0"

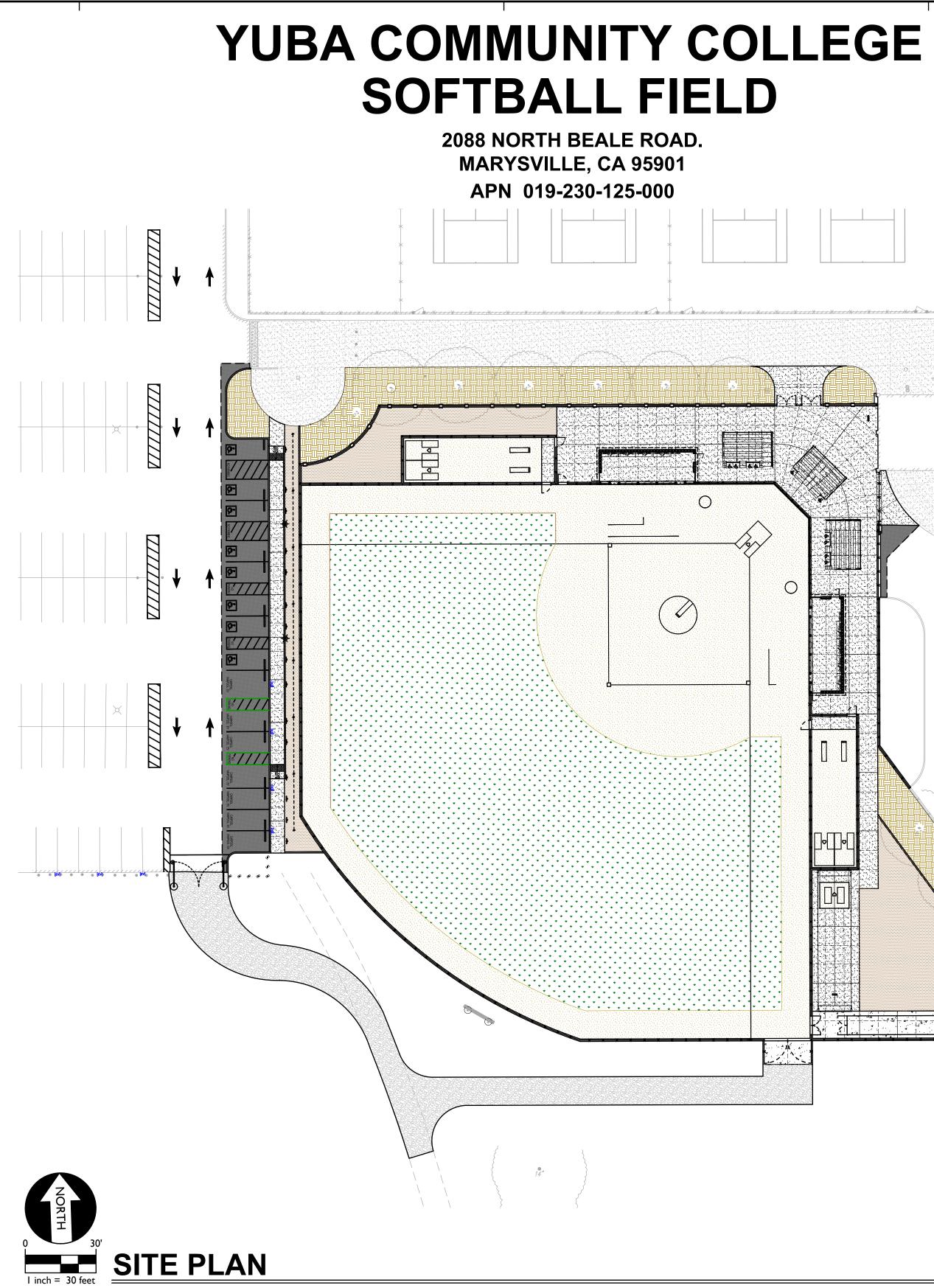
3" = 1'-0"



| | REVIATIONS T ALL ABBREVIATIONS MAY BE USED ON THESE PLANS. | LEGEND NOTE: NOT ALL SYMBOLS | S MAY BE USED ON THESE PLANS. |
|-----------------------------|---|--|--|
| ٨B | AGGREGATE BASE | | |
| AC AD AP | ASPHALTIC CONCRETE AREA DRAIN APRON (CONCRETE) | | NG & DRAINAGE SYMBOLS: |
| r PN RV | ASSESSOR'S PARCEL NUMBER AIR RELEASE VALVE | 8" SD | STORM DRAIN LINE (SIZE AND FLOW SHOWN) |
| .SB O | AGGREGATE SUB-BASE BLOW-OFF VALVE | — | STORM DRAIN MANHOLE (SDMH) |
| V W | BUTTERFLY VALVE BACK OF WALK | <u>=</u> | CATCH BASIN (CB) |
| :/L B L | CENTERLINE CATCH BASIN CLASS | _ | DROP INLET (DI) |
| MP ATV | CORRUGATED METAL PIPE CABLE TELEVISION | — | AREA DRAIN (AD) |
| O OMM | CLEANOUT COMMUNICATION | | PLANTER DRAIN (PD) OR FLOOR DRAIN (FD) |
| ONC. ONST. R | CONCRETE CONSTRUCT CURB RETURN | 0 co | STORM DRAIN CLEANOUT |
| S | CONCRETE SURFACE DOUBLE CHECK VALVE | 99.99 | ELEVATION |
| DC G | DOUBLE DETECTOR CHECK VALVE DECOMPOSED GRANITE DROP INLET | FF=100.00 | FINISHED FLOOR ELEVATION |
| A P WG | DIAMETER DUCTILE IRON PIPE DRAWING | PAD=99.33 | BUILDING PAD ELEVATION |
| 5 | DOWNSPOUT ELECTRIC | | CONCRETE SIDEWALK |
| SMT K | EDGE OF PAVEMENT EASEMENT EXISTING | \longrightarrow | GRADED DIRECTION FOR DRAINAGE FLOW |
| S)C - | FIRE SERVICE LINE FIRE DEPARTMENT CONNECTION FLOWLINE | \longrightarrow | SWALE |
| Э | SANITARY SEWER FORCE MAIN FINISHED FLOOR ELEVATION FINISHED GRADE ELEVATION | | SLOPE |
| ۹ ۲ | FIRE HYDRANT GAS GRATE ELEVATION | \bigotimes | TREE TO BE REMOVED |
| ŘD / 3 | GRADE ELEVATION GATE VALVE HOSE BIBB | | RETAINING WALL |
| D PE | HEADER BOARD HIGH DENSITY POLYETHYLENE PIPE HIGH POINT | <u>(0.R.</u> | OVERLAND RELEASE PATH |
| V , | PIPE INVERT ELEVATION JOINT UTILITY POLE | PROPOSED SANIT | ARY SEWER SYMBOLS: |
| . P C S | LINEAL FEET LIP OF GUTTER LEFT MOWSTRIP | <u>6" SS</u> | SANITARY SEWER LINE (SIZE AND FLOW SHOWN) SANITARY SEWER MANHOLE |
| rs H | NOT TO SCALE OVERHEAD | • co | (SSMH) SEWER CLEANOUT |
| CC) TS | PORTLAND CEMENT CONCRETE PLANTER DRAIN PRIVATE FIRE SERVICE (ASSEMBLY) | | FLUSHER BRANCH |
| V /L | POST INDICATOR VALVE PROPERTY LINE POWER POLE | PROPOSED WATER | R SYMBOLS: |
| JE /C /P | PUBLIC UTILITY EASEMENT POLYVINYL CHLORIDE REINFORCED CONCRETE PIPE | 8" W | GENERAL WATER LINE & SIZE |
| S M | RADIUS RESTRAINED PIPE (LENGTH) MANHOLE RIM ELEVATION (SOLID COVER) | | DEDICATED FIRE LINE & SIZE |
| v V | REDUCED PRESSURE BACKFLOW PREVENTER RIGHT OF WAY | 8" SP | SPRINKLER SVC. LINE & SIZE |
| CH) MH | SCHEDULE STORM DRAIN STORM DRAIN MANHOLE | | DOMESTIC WATER LINE & SIZE |
| 5 | SUBGRADE ELEVATION SANITARY SEWER | | IRRIGATION LINE & SIZE |
| MH D | SANITARY SEWER MANHOLE STANDARD | — | GATE VALVE |
| W | SIDEWALK TELEPHONE TOP OF CURB | M | WATER METER |
| СВ | TRENCH DRAIN TRENCH DRAIN CATCH BASIN TELEPHONE POLE | →→ Эгн | FIRE HYDRANT ASSEMBLY |
| W S W | TOP OF RETAINING WALL TOP OF TURF/TRACK SURFACE TOP OF SEAT WALK | Ύ FDC | FIRE DEPARTMENT CONNECTION |
| , w / ; | TOP OF SEAT WALK TOP OF WALK ELEVATION UTILITY UNDERGROUND | | DETECTOR CHECK VALVE |
|)N CP | UNLESS OTHERWISE NOTED VITRIFIED CLAY PIPE | | DOUBLE DETECTOR CHECK VALVE |
| /0 | WATER WITH WITHOUT | RP | REDUCED PRESSURE BACKFLOW PREVENTER |
| V | WATER VALVE | | BUTTERFLY VALVE |
| | | | AIR RELEASE VALVE + SIZE |
| | | • 1" PIV | BLOW-OFF VALVE + SIZE |
| | | −−−− SV | POST INDICATOR VALVE |
| | | —————————————————————————————————————— | SINGLE CHECK VALVE BACKFLOW PREVENTER |







| WDID: | | |
|--------------------------|----------------------|----------|
| Construction start date | 9: | SITI |
| Final Stabilization date |): | SITI |
| Area of Disturbance (A | NC.): | |
| Vol. of Cut (CY): | Vol. of Fill (CY): | FOR |
| Post-Const. Stormwate | er BMP's Reg.? (Y/N) | HIS/ |

OWNER MAINTENANCE GENERAL NOTE OWNER, OR OWNER'S DESIGNATE, AT OWNER'S OR OWNER'S DESIGNATE'S SOLE COST AND EXPENSE, SHALL MAINTAIN THE PRIVATE DRAINAGE PIPELINE IN GOOD WORKING ORDER AND REPAIR COMMENSURATE WITH THE COUNTY'S STANDARDS FOR SIMILAR DRAINAGE PIPELINES SUCH THAT WATER FLOWS FREELY THROUGH THE SYSTEM AS AND WHEN WEATHER EVENTS OR OTHER SOURCES OF SURFACE WATER RUNOFF OCCUR. OWNER SHALL AT ALL TIMES TAKE ALL NECESSARY ACTION TO KEEP THE DRAINAGE PIPELINE FREE FROM DEBRIS, TRASH, FOLIAGE AND ANY OTHER OBSTRUCTION WHICH MAY DISRUPT, ALTER, IMPEDE OR CHANGE THE FLOW OF WATER. OWNER SHALL ALSO PERFORM ANY RELOCATION OF THE DRAINAGE PIPELINE PURSUANT TO THE STANDARD SPECIFICATIONS OF THE COUNTY SHOULD RELOCATION BE NECESSARY DUE TO PIPE FAILURE OR BLOCKAGE. OWNER SHALL HOLD COUNTY HARMLESS OF ANY CLAIMS ASSOCIATED WITH THE FAILURE OF THE PRIVATE DRAINAGE SYSTEM AND SHALL ASSURE THE SYSTEM IS IN GOOD REPAIR AND SERVICEABLE AT ALL TIMES

| SITE CUT= | TBD | _ CY | NET C | UT/FILL= | T | BD | CY | | | |
|-----------------|---|-----------|---------|------------|--------|-------|----|--|--|--|
| SITE FILL= | TBD | _ CY | | | | | | | | |
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| | FOR REFERENCE ONLY, NOT FOR BIDDING. CONTRACTOR SHALL DEVELOP | | | | | | | | | |
| HIS/HER OWN EST | IMATE OF QU | JANTITIES | S FOR E | BIDDING PU | RPOSES | | | | | |
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| E | STIMATE | D PA | /ING | MATERI | ALS | | | | | |
| | | | | | | | | | | |
| ASPHALT CONCF | ETE (AC) | TBD | CF | | | | | | | |
| | @ | 160 LB/C | CF = | TBI | D | TONS | | | | |
| AGGREGATE BAS | SE (AB) | TBD | CF | | | | | | | |
| | a | 145 LB/C | CF = | TBI | D | TONS | | | | |
| | | | | | | | | | | |
| PORTLAND CEME | ENT (PCC) | TBD | CF | TBI | D | YARDS | | | | |

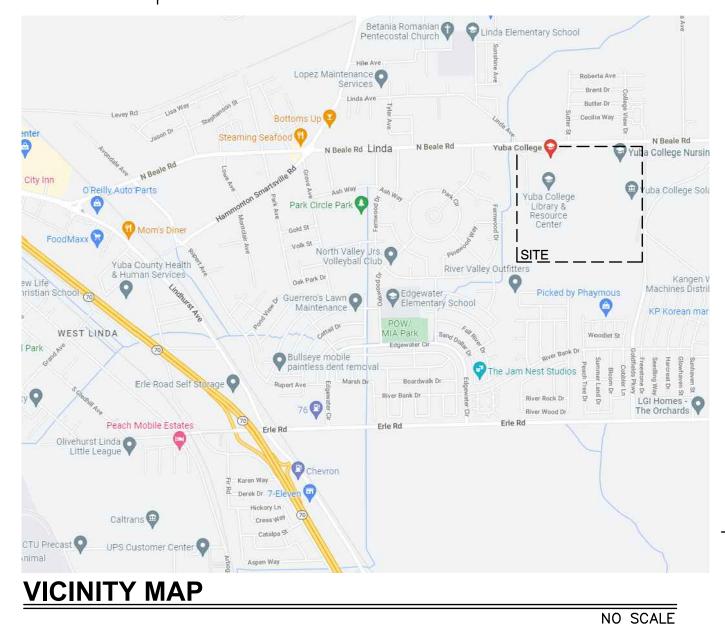
ESTIMATED EARTHWORK QUANTITIES

FOR REFERENCE ONLY, NOT FOR BIDDING. CONTRACTOR SHALL DEVELOP HIS/HER OWN ESTIMATE OF QUANTITIES FOR BIDDING PURPOSES.

IF THIS SHEET IS NOT 30"x42" , IT IS A REDUCED PRINT SCALE ACCORDINGLY

3" = 1'-0"





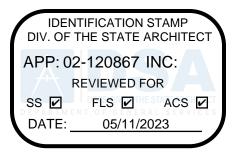
<u>SHEET INDEX</u>

| NO. | SHEET TITLE |
|---------|---|
| CIVIL P | LANS |
| C0.0 | CIVIL TITLE SHEET |
| C0.1 | GENERAL NOTES LEGEND & ABBREVIATIONS |
| C0.2 | PARTIAL TOPOGRAPHIC SURVEY |
| C1.1 | DEMOLITION PLAN |
| C2.0 | ENGINEERED FILL PLAN |
| C2.1 | HORIZONTAL CONTROL PLAN |
| C2.2 | HORIZONTAL CONTROL PLAN & COORDINATE LIST |
| C3.1 | GRADING PLAN |
| C3.2 | GRADING PLAN |
| C3.3 | GRADING PLAN |
| C4.1 | DRAINAGE AND SEWER PLAN |
| C4.2 | DOMESTIC WATER PLAN |
| C5.1 | PAVING PLAN |
| C5.2 | FENCING PLAN |
| C5.3 | SITE EQUIPMENT PLAN |
| C6.1 | EROSION AND SEDIMENT CONTROL PLAN |
| C6.2 | EROSION CONTROL NOTES AND DETAILS |
| C7.1 | DETAILS AND SECTIONS |
| C7.2 | DETAILS AND SECTIONS |
| C7.3 | DETAILS AND SECTIONS |
| C7.4 | DETAILS AND SECTIONS |
| C7.5 | DETAILS AND SECTIONS |
| C7.6 | DETAILS AND SECTIONS |
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| | | UTILITY REPRES | ENTATIVES | | |
|----|-------------|------------------------------------|-------------------------------|----------------------------------|--|
| CY | UTILITY | REPRESENTATIVES | CONTACT | PHONE | |
| | STREETS | YUBA COUNTY | PUBLIC WORKS | (530)749-5420 | |
| | U.S.A. | UNDERGROUND ALERT | | 811 | |
| | GAS | P.G.& E. | 24HR EMERGENCY | 1-800-743-5002 | |
| | ELECTRICITY | P.G.& E. | 24HR EMERGENCY | 1-800-743-5002 | |
| | TELEPHONE | PACIFIC BELL | LOU MULIKIN | (916) 874-6851 | |
| | WATER | LINDA COUNTY WATER DISTRICT | - | (530) 743-2043 | |
| | FIRE | LINDA FIRE DEPARTMENT CHIEF 250 | Kyle Heggstrom | (530) 743-1553 | |
| | SEWER | LINDA COUNTY WATER DISTRICT | - | (530) 743-2043 | |
| | DRAINAGE | YUBA COUNTY | PUBLIC WORKS | (530)749-5420 | |
| | T.V. CABLE | COMCAST AT&T | GARY ABILIA ASTRID WILLARD | (916) 830-6732 (916) 484-2388 | |

OWNER/DEVELOPER ADDRESS: Yuba Community College District 2088 North Beale Road

| | Marysville, CA 95901 |
|----------|--|
| PHONE: | (530) 741-6700 (Main) |
| | |
| PROJECT | David L. Willis |
| CONTACT: | District Director of Facilities, Planning, M&O |
| | |
| PHONE: | (916) 747-4262 |
| | (/ |





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WCE GENERAL NOTES:

1. THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE Know what's below. BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BOT MILLON TO THE OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BOT MILLON TO THE OBJECTS OF UNDERGROUND SERVICE Call before you dig. ALERT (USA) TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING TOLL FREE 1-800-227-2600, OR 811.



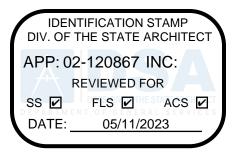
- 2. WARREN CONSULTING ENGINEERS, INC. (WCE) ASSUMES NO RESPONSIBILITY FOR ERRORS IN PHYSICAL LOCATION OF IMPROVEMENTS, HORIZONTAL OR VERTICAL, IF STAKED BY OTHERS. IN ADDITION, ANY SUCH ERRORS IN PHYSICAL LOCATION MAY AFFECT THE INTENDED DESIGN OF SUCH IMPROVEMENTS AND WCE CANNOT BE HELD RESPONSIBLE FOR SUCH CONDITIONS WHICH ARE A RESULT OF ERRORS IN SURVEYING, OR IMPROPER CONSTRUCTION.
- 3. IF SUBSURFACE CULTURAL RESOURCES, REMAINS, AND/OR ARTIFACTS ARE UNCOVERED DURING PROJECT CONSTRUCTION, ALL WORK IN THE VICINITY SHALL BE STOPPED UNTIL SUCH ITEMS CAN BE ASSESSED BY AN APPROPRIATE MEMBER OF THE COUNTY ENVIRONMENTAL IMPACT SECTION STAFF.
- 4. CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY: THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS: AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY. REAL OR ALLEGED. IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- 5 THE CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY FOR ALL EXCAVATIONS OF 5 FEET OR MORE IN DEPTH.
- 6. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE ALL NECESSARY PRE-BID AND PRE-CONSTRUCTION SITE INSPECTION, AND/OR OBSERVATIONS ON THE SITE TO PRE-DETERMINE ALL HIS /HER MEANS AND METHODS NECESSARY TO COMPLETE THE IMPROVEMENTS SHOWN ON THESE PLÁNS AND PER THE PROJECT SPECIFICATIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE, AND INCLUDE IN HIS/HER CONTRACT, ALL MEANS AND METHODS NECESSARY TO PERFORM A COMPLETE AND ACCEPTABLE JOB.
- 7. WHERE IMPROVEMENTS LIE WITHIN AN EXISTING DEVELOPED AREA, CONTRACTOR SHALL USE CAUTION WHEN ACCESSING THE SITE THROUGH THESE EXISTING IMPROVEMENTS. IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT ANY SUCH EXISTING IMPROVEMENTS OUTSIDE THE PROJECT BOUNDARY. OR EXISTING IMPROVEMENTS WITHIN THE BOUNDARY WHICH ARE TO REMAIN. PROPER PRECAUTIONS SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION. ANY DAMAGE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.
- 8. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP DETAILED RECORDS OF MINOR CHANGES OR ADJUSTMENTS MADE DURING CONSTRUCTION (WHICH WERE NOT FORMALLY ISSUED). UPON PROJECT COMPLETION. THESE RECORDS AND/OR INFORMATION SHALL BE PROVIDED TO THE OWNER AND WARREN CONSULTING ENGINEERS, INC. UNLESS AN OFFICIAL "AS-BUILT" SET OF PLANS IS A REQUIREMENT OF THE CONTRACT. IF AS-BUILT PLANS ARE A REQUIREMENT OF THE CONTRACT, REFER TO SPECIFICATIONS FOR AS-BUILT DELIVERABLE REQUIREMENTS.
- 9. IN VEHICULAR PATHWAYS, EXISTING ASPHALTIC AND/OR CONCRETE SURFACES SHALL BE CUT TO A NEAT AND STRAIGHT LINE. PARALLEL OR PERPENDICULAR TO THE VEHICULAR TRAVELED PATH. THIS IS TYPICALLY THE ROADWAY CENTERLINE, BUT MAY VARY. THAT SAWCUT EDGE SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION SO A CLEAN EDGE REMAINS FOR PATCH BACK .. IF EDGE IS DAMAGED, A NEW SAW CUT WILL BE REQUIRED. THE EXPOSED EDGE SHALL BE "TACKED" WITH EMULSION PRIOR TO PAVING.
- 10. NO BURNING OR BLASTING SHALL BE ALLOWED ONSITE UNLESS SPECIFICALLY ADDRESSED ON PLANS, OR SPECIFICALLY APPROVED AND COORDINATED WITH THE ARCHITECT, ENGINEER, AND LOCAL AGENCY OR OTHER ADMINISTRATIVE AUTHORITY.
- 11. SUBGRADE AND RESULTING FINISHED GRADE SHALL BE CONSTRUCTED SMOOTH AND UNIFORM BETWEEN SPOT ELEVATIONS, CONTOURS OR OTHER STRUCTURE ELEVATIONS SHOWN ON GRADING OR OTHER PLANS. NO MOUNDS, RUTS, DEPRESSIONS OR OTHER GRADING DEFICIENCIES WILL BE ALLOWED UNLESS SPECIFICALLY SHOWN ON PLANS.
- 12. ON NEW WATER SYSTEMS, SERVICE LATERALS SHALL BE MADE USING APPROPRIATE "TEE" AND "WYE" FITTINGS. SADDLE TAPS WILL ONLY BE ALLOWED WHEN MAKING CONNECTIONS TO EXISTING WATER NAINS
- 13. CURING COMPOUND SHALL BE APPLIED IN A CONTINUOUS SOLID WET FLOWING COAT. ANY "SPOTTY" APPLICATIONS SHALL BE RECOATED IMMEDIATELY. APPLICATION SHALL BE INSPECTED BY PROJECT INSPECTOR DURING APPLICATION. 14. EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND
- TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE ADDITIONAL SCORE OR EXPANSION JOINTS TO PREVENT UNCONTROLLED CRACKING. THOSE ADDITIONAL JOINTS MAY OR MAY NOT BE SPECIFICALLY SHOWN ON PLANS BUT SHALL BE PROVIDED BY THE CONTRACTOR.
- 15. EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE A MINOR ADJUSTMENT OF REBAR WITHIN CONCRETE TO ALLOW FOR SUCH STRUCTURE. THAT REBAR ADJUSTMENT MAY NOT BE SPECIFICALLY SHOWN ON PLANS.
- 16. NO MORE THAN 1 GALLON OF WATER PER YARD OF CONCRETE CAN BE ADDED TO THE TRUCK AFTER ARRIVAL TO PROJECT SITE. THE ADDITION OF WATER CAN ONLY BE ADDED UNDER THE SUPERVISION OF THE CONCRETE INSPECTOR OR LABORATORY TECHNICIAN.
- 17. WHEN PUMPING CONCRETE FOR PLACEMENT, ABSOLUTELY NO WATER IS TO BE ADDED TO PUMP HOPPER. ANY WATER ADDED TO HOPPER WILL BE REASON FOR CONCRETE REJECTION AT THE CONTRACTORS EXPENSE. 18. ALL CONTRACTION/CONSTRUCTION JOINTS "CJ" SHALL BE 1/4 THE SLAB THICKNESS DEEP, BUT NO
- LESS THAN 1" FOR CONTROLLING OF CRACKING. CONTRACTOR SHALL EXERCISE CAUTION WHEN FINAL TROWELING OF CONCRETE SO AS NOT TO FILL IN THESE JOINTS WITH CONCRETE CREAM. ANY CRACKS OUTSIDE OF JOINTS WHICH WERE CONSTRUCTED LESS THAN 1" DEEP, SHALL BE CAUSE FOR CONCRETE SLAB(S) TO BE REMOVED AND REPLACE AT CONTRACTORS EXPENSE.
- 19. ANY SCREED BOARDS SET WITHIN CONCRETE SLABS SHALL BE AN "OVERHEAD SCREED" SO THERE IS NO INTERFERENCE WITH THE PLACEMENT AND ALIGNMENT OF SLAB REINFORCING.
- 20. 3-1/2" FELT JOINTS WILL NOT BE ACCEPTED. PROVIDE A FULL 4" FELT JOINT FOR 4" SLAB CONSTRUCTION, AND A 6" FELT JOINT FOR A 6" SLAB SLAB CONSTRUCTION. 21. SHOULD ANY SHRINKAGE CRACKS OCCUR OUTSIDE OF EITHER THE EXPANSION JOINTS OR CRACK
- CONTROL JOINTS, THEN THE CONCRETE SLAB SHALL BE SAWCUT AT THE NEAREST JOINTS ON EACH SIDE OF THE CRACK AND THE CONCRETE SECTION SHALL BE, REMOVED AND REPLACED. NEW CONCRETE SHALL BE DOWELED INTO EXISTING CONCRETE PER DRAWING DETAIL.
- 22. ALL AREAS DISTURBED BY GRADING OPERATIONS WHETHER SHOWN ON THE DRAWINGS OR NOT SHALL BE HYDRO SEEDED UNLESS OTHERWISE NOTED. HYDRO SEEDING SHALL CONFORM TO LOCAL CITY/COUNTY STANDARDS.
- 23. REPAIR OR PATCHING OF GALVANIZED METALS, SUCH AS AFTER WELDING GALVANIZED COMPONENTS, SHALL BE MADE USING A ZINC COMPOSITION "HOT STICK" APPLICATION PER ASTM A 780-01. GALVANIZING PAINTS WILL NOT BE ALLOWED.

GENERAL PAVING SURFACE NOTES:

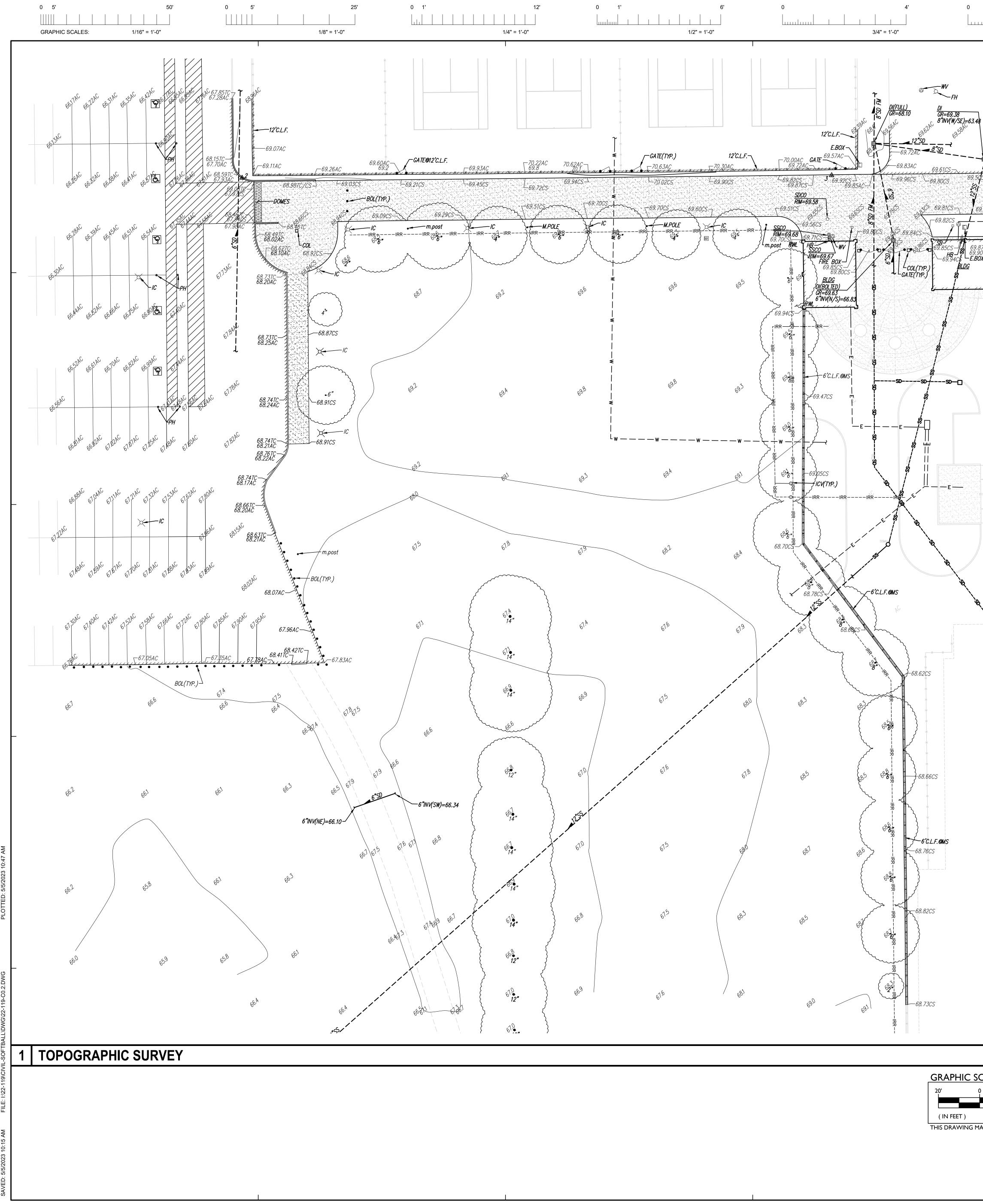
- 1. PROVIDE EQUIVALENT OF MEDIUM BROOM FINISH AT SLOPES UP TO 5.99%, TYPICAL. PROVIDE EQUIVALENT OF HEAVY BROOM FINISH AT SLOPES 6% AND GREATER. REFER TO SPECIFICATIONS.
- 2. ALL NEW PEDESTRIAN WALKWAYS (NON-RAMP) SHALL BE SLOPED NO GREATER THAN 2.0%, AND NO LESS THAN 0.75% IN ANY DIRECTION, UNLESS SPECIFICALLY LABELED OTHERWISE. ALL CONCRETE SHALL MEET THE FOLLOWING SLOPE REQUIREMENTS: - NO GREATER THAN 5% SLOPE IN THE DIRECTION OF TRAVEL.
- NO GREATER THAN 2% SLOPE CROSSING THE DIRECTION OF TRAVEL.
- NO GREATER THAN 2% SLOPE IN ANY DIRECTION IN COURTYARD OR PLAZA AREAS.
- 3. ALL FLATWORK WITHIN 5 FEET OF BUILDINGS SHALL SLOPE AT LEAST 1% MIN. AWAY FROM BUILDING BUT SHALL NOT EXCEED 1.8% MAXIMUM AS STATED ABOVE.

CONTRACTOR NOTE:

1. CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY: THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS: AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.





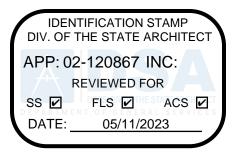


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| THIS DRAW | ING MAY | HAVE BI | EEN ENLAR | GED OR RE | DUCED. |

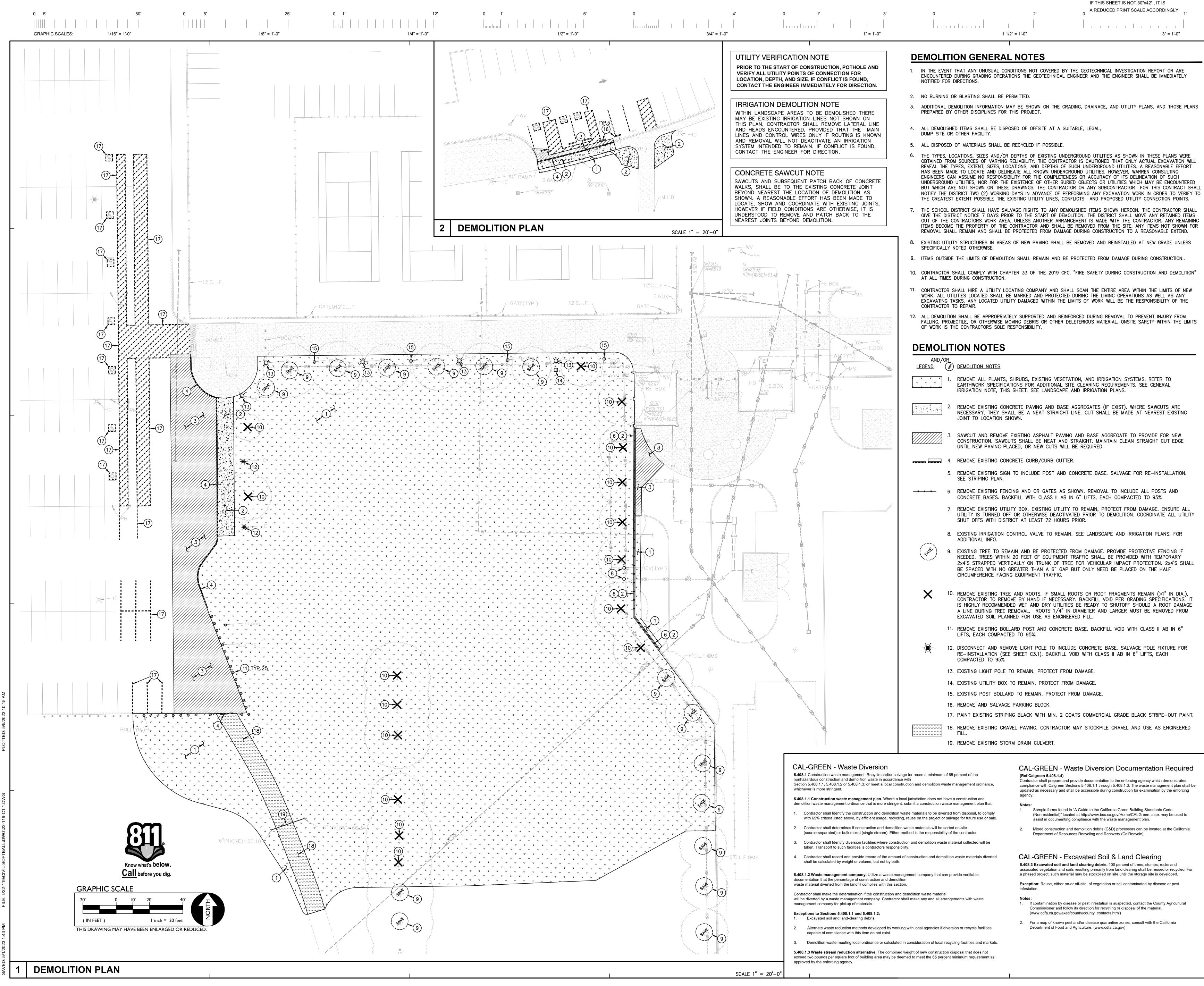
| 1' 3' | 0 2' | | EET IS NOT 30"x42" , IT IS D PRINT SCALE ACCORDINGLY |
|---|--|-------------------------------|---|
| 1" = 1'-0" | 1 1/2" = 1'-0" | | 3" = 1'-0" |
| Ι | EXISTING TOPOGRAPHY | ABBRE | VIATIONS |
| | = PROPERTY LINE = CENTERLINE | BE | ALL ABBREVIATIONS MAY USED ON THESE PLANS. ACCESSIBLE ACCESS |
| | = easement | AA AC ACC | ASPHALTIC CONCRETE ACCESSIBLE |
| | = PROPERTY CORNER FOUND AS NOTED = PROPERTY CORNER NOTHING FOUND OR SET | ACU AD APN | AIR CONDITIONING UNIT AREA DRAIN ASSESSOR'S PARCEL NUMBER |
| י ר ך | 123 = TEMPORARY BENCHMARK (SEE TBM LIST FOR INFO) | APP BBALL | APPARATUS BASKETBALL POLE |
| <i>k</i> 9:50 ^k <i>L E.BOX</i> 69.65CS | SWALE OR DRAINAGE FLOW Image: state of the sta | BCM BFP BL. | BRASS CAP MONUMENT BACK FLOW PREVENTER BLOCK |
| 69.62CS | x = DRAINAGE FLOW $x = FENCE (TYPE NOTED)$ | BLDG BOL BOV | BUILDING BOLLARD BLOW–OFF VALVE |
| 69.52CS 69.52CS 69.54CS 69.59CS | = TREE (SIZE/TYPE INDICATED) | BR. B.W.F. | BRICK BARBED WIRE FENCE |
| CS - 69.580S - 69.59CS - 69.44CS - 69.48CS | | C CAB CATV | COMMUNICATION CABINET CABLE TELEVISION |
| 69.48CS 69.49CS 69.49CS | = SLOPE $= CONTOUR$ | CIP C.L.F. CMP | CAPPED IRON PIPE CHAIN LINK FENCE CORRUGATED METAL PIPE |
| 72CS - 4 69.52 C - 69.53 C C - 69.55 C - 69.53 C - 69.55 C - | Image: Solution = CONCRETE SURFACE | CMF CO COL | CLEANOUT COLUMN |
| | = EDGE OF ASPHALT | CONC. COND. | CONCRETE CONDENSATE CONTROL DOINT FOUND |
| PH-7 7CS-1 7 | = EDGE OF BUILDING | CPF CPS CS | CONTROL POINT FOUND CONTROL POINT SET CONCRETE SURFACE |
| GATEOWILF. | = SIGN = POST OR BOLLARD | D DDC DF | DEPTH DOUBLE DETECTOR CHECK VALVE DRINKING FOUNTAIN |
| 8 | 99.9 = GROUND ELEVATION | DG DI | DECOMPOSED GRANITE _ DROP INLET |
| | 99.99 = HARD SURFACE ELEVATION | DIA DRWY DS | DIAMETER DRIVEWAY DOWNSPOUT |
| | EXISTING UTILITIES | DWG E | DRAWING ELECTRIC |
| | <u>12"SD</u> = storm drain line | EP ESMT EX | EDGE OF PAVEMENT EASEMENT EXISTING |
| | (size & direction of flow) | FA FDC | EXISTING FIRE ALARM FIRE DEPARTMENT CONNECTION |
| PC . | (record information) | FFE FH FL | FINISHED FLOOR ELEVATION FIRE HYDRANT FLOWLINE |
| Ŕ | (UNDERGROUND LOCATING) | FP FS G | FLAGPOLE FIRE SERVICE |
| ୍ଚି ଚ | © = storm drain manhole = storm drain cleanout | GB GR | GAS GRADE BREAK GRATE |
| | Storm drain cleanout ■ = drop inlet | GRB GROD GV | GROUND ROD BOX GROUND ROD GAS VALVE |
| N | $\Rightarrow = AREA DRAIN$ | HB HBD | HOSE BIBB HEADER BOARD |
| , , , , , | • RWL = RAIN WATER LEADER | HP HR HVF | HIGH PRESSURE HANDRAIL HIGH VOLTAGE FLECTRIC |
| | • DS = downspout 12"SS = sanitary sewer line | HVE HWF ICP ICV | HANDRAIL HIGH VOLTAGE ELECTRIC HOG WIRE FENCE IRRIGATION CONTROL PANEL IRRIGATION CONTROL VALVE |
| | (size & direction of flow) | INV IRR | PIPE INVERT ELEVATION IRRIGATION |
| | (record information) | JP JT LNDG | JOINT UTILITY POLE JOINT TRENCH LANDING |
| | (UNDERGROUND LOCATING) | LVE M. MH | LOW VOLTAGE ELECTRIC METAL MANHOLE |
| | sanitary sewer manhole sanitary sewer cleanout | MC MS MSC | MANHOLE MOW STRIP METAL STORAGE CONTAINER |
| | —w— = water line (size indicated) | NTS OH OHANG | NOT TO SCALE OVERHEAD OVERHANG |
| S . | w = water line (record information) | OIP OSPH | OPEN IRON PIPE OLD STEEL POST HOLE |
| | — — w — — = water line (UNDERGROUND LOCATING) | P/L PA PB | PROPERTY LINE PLANTER AREA PARKING BUMPER |
| Ъ – | (W) = water manhole (a) = water valve | PH PIV | POSTHOLE POST INDICATOR VALVE |
| ^k C | wm = water meter | PP PRKG PUE | POWER POLE PARKING PUBLIC UTILITY EASEMENT |
| | w = water box | PV PVC | PAVERS POLYVINYL CHLORIDE |
| | | RCG RIM ROW | ROLLED CURB AND GUTTER MANHOLE RIM ELEVATION RIGHT OF WAY |
| | <pre>Q = FIRE HYDRANT = backflow preventer</pre> | RW RWALL | REDWOOD RETAINING WALL |
| B | $\bullet = SPRINKLER$ | RWL SB SD | RAIN WATER LEADER SIGNAL BOX STORM DRAIN |
| . A A A A A A A A A A A A A A A A A A A | Φ = hose bibb | SDMH SIG SL | STORM DRAIN MANHOLE SIGNAL STREET LIGHT |
| in the second | OH-E = OVERHEAD ELECTRIC LINE $E = UNDERGROUND ELECTRIC LINE$ | SLB SS | STREET LIGHT BOX SANITARY SEWER |
| ষ্ | — — — E — — — = UNDERGROUND ELEÇTRIC LINE | SSCO SSMH STL. | SANITARY SEWER CLEANOUT SANITARY SEWER MANHOLE STEEL |
| | (record information) — — E — — = UNDERGROUND ELECTRIC LINE | T TBALL | TELEPHONE TETHER BALL POLE |
| | (UNDERGROUND LOCATING) | TBM TC TOW | TEMPORARY BENCHMARK TOP OF CURB TOP OF WALL |
| | E = ELECTRIC MANHOLE -O- = UTILITY POLE (WITH GUY WIRE) | TP TRW | TELEPHONE POLE TOP OF RETAINING WALL - |
| | = ELECTRIC METER | UG UNK V | UNDERGROUND UNKNOWN VENT |
| | E = ELECTRIC BOX | VBALL W | VOLLEYBALL WATER |
| | = STREET LIGHTING BOX | WD. WF W.I.F. W.R.F. | WOOD WOOD FENCE WROUGHT IRON FENCE |
| | $\square \square $ | W.R.F. XF XWALK | WOOD FENCE WROUGHT IRON FENCE WOOD RAIL FENCE TRANSFORMER CROSSWALK |
| | = FLOOD LIGHT | | |
| | = ELECTRICAL OUTLET | BASIS O | F BEARINGS: |
| | G = GAS LINE (SIZE INDICATED) | | ASIS OF BEARING |
| | G = GAS LINE (record information) G = GAS LINE (UNDERGROUND LOCATING) | NOTE: | |
| | G = GAS MANHOLE | | ILITIES BASED ON VISIBLE SURFACE |
| | © = GAS VALVE | | , RECORD INFORMATION AND ND LOCATING. |
| | GM = GAS METER | | ORTIONS OF THIS PLAN ARE NOT ELD SURVEY AND HAVE BEEN |
| | | | VARIOUS RECORD SOURCES. |
| | t $ = telephone line (UNDERGROUND LOCATING)$ | | |
| | so = STORM DRAIN BOX | | |
| | TE = TRAFFIC SIGNAL BOX | | - |
| | F.E.M.A. INFORMATION: | | |
| | THE AREA SURVEYED AROUND THE BASEBALL FIELD IS LOO | | |
| | HAZARD AREA SUBJECT TO INUNDATION BY THE 1% ANNUA DETERMINED) PER FLOOD INSURANCE RATE MAP 06115C041 | 10D DATED FEB. | 18, 2011; ALL OTHER AREAS |
| | SURVEYED ARE LOCATED WITHIN ZONE X (SHADED)——AREA PER FLOOD INSURANCE RATE MAPS 06115C0410D & 06115 | | |
| | TBM LIST | | |
| SCALE 1" = 20'-0" | NO. DESCRIPTION NORTH EAST | ELEV | |
| CALE | 2 CPS CHISELED "+" 2171648.30 6692313.18 3 CPS CHISELED "+" 2171654.54 6692599.23 | 68.74 69.90 | |
| 10' 20' 40' E | 5 CPS CHISELED "+" 2171004.22 6692871.83 6 CPS CHISELED "+" 2171078.32 6693036.61 | 69.61 68.90 | |
| $\frac{10' 20' 40'}{10' 10'$ | 11 CPS CHISELED "+" 2172324.83 6692948.11 12 CPS CHISELED "+" 2172443.75 6692940.93 | 70.24 71.00 | |
| I inch = 20 feet | 13 CPS CHISELED "+" 2172669.34 6692937.99 | 70.96 | |
| | 17 CPS CHISELED "+" 2172481.24 6692471.22 20 CPS CHISELED "+" 2172258.71 6692496.64 23 CPS CHISELED "+" 2172745.63 6692758.50 | 70.12 69.55 70.58 | |
| | 23 CPS CHISELED "+" 2172745.63 6692758.50 24 CPS CHISELED "+" 2172974.06 6692754.37 | 70.58 69.27 | |
| | 26CPSCHISELED"+"2172510.506693266.5727CPSCHISELED"+"2172621.176693552.04 | 70.36 69.43 | |
| | 29 CPS CHISELED "+" 2172756.79 6693022.08 30 CPS CHISELED "+" 2172994.59 6693104.64 | 70.72 69.97 | |

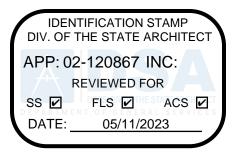
 29
 CPS
 CHISELED "+"
 2172756.79
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 70.72

 30
 CPS
 CHISELED "+"
 2172994.59
 6693104.64
 69.97

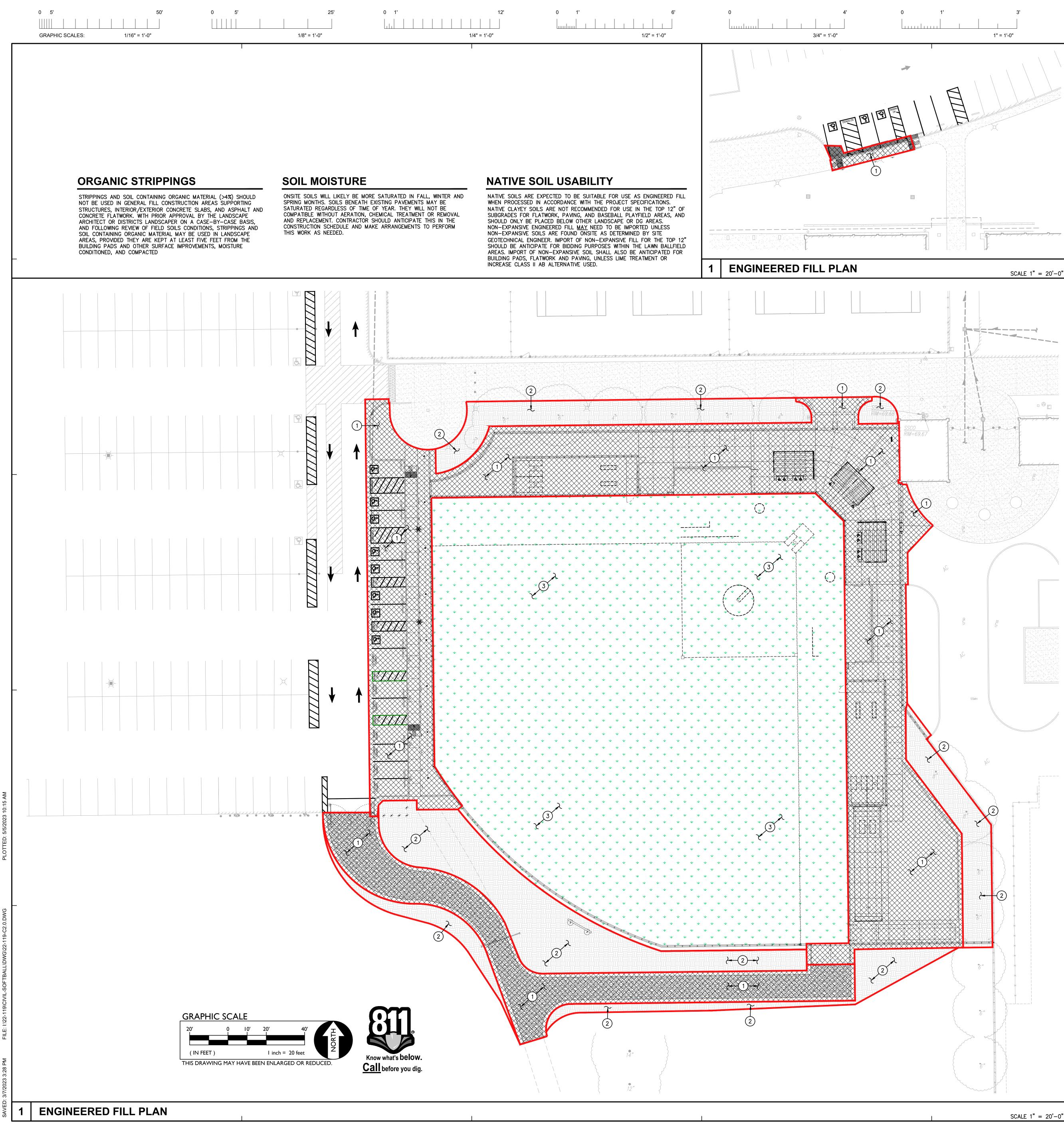














3" = 1'-0"

ENGINEERED FILL GENERAL NOTES

- 3. NO BURNING OR BLASTING SHALL BE PERMITTED, UNLESS APPROVED BY THE ARCHITECT, AND PROJECT INSPECTOR.
- 4. THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY THE DISTRICT TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK IN ORDER TO VERIFY TO THE GREATEST EXTENT POSSIBLE THE EXISTING UTILITY LINES, CONFLICTS AND PROPOSED UTILITY CONNECTION POINTS.
- THE EXISTING NATIVE CLAYEY SOILS ENCOMPASS THE MAJORITY OF SUBGRADES BENEATH THIS PROJECT. THEY ARE ANTICIPATED TO BE MODERATELY EXPANSIVE AND WILL NOT BE SUITABLE DIRECT SUPPORT (SUBGRADE) OF INTERIOR OR EXTERIOR FLATWORK, PAVEMENT AND SHALL BE PROCESSED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS.
- REFER TO SECTION 31 32 00 FOR LIME TREATMENT APPLICATION AND PROCESSING AS APPLIES.
- SITE SHALL BE CLEARED AND STRIPPED IN ACCORDANCE WITH THE DEMOLITION PLAN AND PROJECT SPECIFICATIONS. ANY ABNORMAL CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR DIRECTION.
- SURFACE CLAYEY SOILS ARE CONSIDERED MODERETLY EXPANSIVE AND ARE NOT ANTICIPATED TO BE SUITABLE FOR DIRECT SUPPORT OF STRUCTURES, FLATWORK OR OTHER PAVING AND WILL REQUIRE EXCAVATION AND REPLACEMENT WITH GRANULAR FILL AS SPECIFIED IN THESE PLANS AND SPECIFICATIONS. DUE TO PROJECT SCHEDULE, WEATHER OR OTHER SITUATIONS, OTHER SUBGRADE STABILIZATION MEANS SUCH AS CHEMICAL TREATMENT MAY BE APPROVED, BUT SHALL BE BASED ON RECOMMENDATIONS FROM THE ARCHITECT AFTER REVIEW OF SUBGRADE CONDITIONS. EXISTING NATIVE NON-CLAYEY SOILS ARE ANTICIPATED TO BE SUITABLE FOR USE AS ENGINEERED FILL WHEN PROCESSED IN ACCORDANCE WITH THESE PLANS AND
- SPECIFICATIONS, HOWEVER MAY RESIDE AT DEEPER DEPTH NOT LIKELY TO BE SIGNIFICANTLY ENCOUNTERED. 9. ALL FILL MATERIAL, NATIVE PROCESSED ONSITE MATERIAL OR IMPORTED, SHALL BE REVIEWED AND APPROVED BY
- THE PROJECT INSPECTOR BEFORE USED AS ENGINEERED FILL. 10. IF IMPORTED MATERIALS ARE TO BE USED AS FILLS, IT SHALL MEET THE FOLLOWING CHARACTERISTICS:
- . PLASTICITY INDEX SHALL BE 15 OR LESS. AN EXPANSION INDEX OF 15 OR LESS
- SHALL NOT CONTAIN ROCKS OR PARTICLES LARGER THAN 3 INCHES IN DIAMETER. 4. SHALL BE DOCUMENTED CLEAN OF CONTAMINATION OR SIGNIFICANT CONCENTRATIONS OF ORGANIC MATERIAL, NO MORE THAN 3% BY WEIGHT.
- 5. SHALL BE DOCUMENTED OR CERTIFIED NON-CORROSIVE, WITHIN ACCEPTABLE LIMITS, (LESS THAN 0.05% SULFATES BY WEIGHT AND MIN. RESISTIVITY OF >3,000 OHMS-CM. 6. MEETS OR EXCEEDS DTSC REQUIREMENTS FOR USE ON A SCHOOL SITE.

ALL IMPORTED FILLS SHALL BE APPROVED BY THE SITE PROJECT INSPECTOR PRIOR TO TRANSPORTATION TO THE SITE, AND PRIOR TO AQUISITION BY THE CONTRACTOR. NO ADDITIONAL COSTS WILL BE GRANTED TO THE CONTRACTOR FOR EXTRA PROCUREMENT WORK AS A RESULT OF REJECTED IMPORT SOILS.

TEMPORARY CONTRACTOR STAGING / LAY DOWN SPACES TO BE UTILIZED BY CONTRACTOR SHALL BE RETURNED TO EXISTING CONDITIONS OR GREATER TO THE SATISFACTION OF THE SCHOOL DISTRICT, AND SHALL BE COMPLETED AT THE CONTRACTORS EXPENSE. CONTRACTOR SHALL TEST IRRIGATION SYSTEMS WITH OWNER PRIOR TO THE START OF CONSTRUCTION TO DETERMINE ALL OPERATIONAL AND NON-OPERATIONAL SYSTEMS. CONTRACTOR IS RESPONSIBLE FOR REPAIR OF ALL IRRIGATION SYSTEMS WITHIN THE LIMITS OF WORK BROKEN DURING CONSTRUCTION.

ENGINEERED FILL LEGEND



BUILDING, CONCRETE & ASPHALT FLATWORK AREAS FOLLOWING THE SITE DEMOLITION AND STRIPPING AS OUTLINED IN THESE PLANS AND PROJECT SPECIFICATIONS, COMPLETE THE FOLLOWING:

IN AREAS LEFT AT GRADE OR REQUIRE CUTTING, OVER-EXCAVATE TO 12" BELOW TO PROPOSED SUBGRADE. CONTRACTOR SHALL CONSULT ONSITE PROJECT INSPECTOR TO ENSURE THAT NO LOOSE FILLS ARE PRESENT AT THIS STAGE WHICH REQUIRE ADDITIONAL EXCAVATION. IF PRESENT, CONTRACTOR SHALL OVER-EXCAVATE TO FIRM NATIVE SOILS. OVER-EXCAVATION DEPTH SHALL BE UNIFORM AND NO "SLOT CUTTING" BELOW FOUNDATIONS ELEMENTS WILL BE ALLOWED. SCARIFY UNDERLYING SOIL TO A DEPTH OF 12", MOISTURE CONDITION TO THE OPTIMUM MOISTURE CONTENT AND RE-COMPACT TO 90% RELATIVE COMPACTION. PLACE 12" OF NON-EXPANSIVE ENGINEERED FILL IN 6" LIFTS, EACH MOISTURE CONDITIONED AND COMPACTED AS STATED ABOVE TO FINAL SUBGRADE ELEVATION ..

IN AREAS THAT REQUIRE AT LEAST 12" OF FILL TO SUBGRADE, SCARIFY UNDERLYING SOIL TO A DEPTH OF 12", MOISTURE CONDITION TO THE OPTIMUM MOISTURE CONTENT AND RE-COMPACT TO 90% RELATIVE COMPACTION. PLACE ENGINEERED FILL IN 6" COMPACTED LIFTS, EACH MOISTURE CONDITIONED AND COMPACTED AS STATED ABOVE, THE UPPER 12" CONSISTING OF NON-EXPANSIVE ENGINEERED FILL TO FINAL SUBGRADE ELEVATION.

AT CONTRACTORS OPTION, 12" OVER-EXCAVATION MAY BE WAIVED IF TOP 12" IS LIME TREATED IN ACCORDANCE WITH SECTION 31 32 00.

FINAL 6" LIFT BENEATH ASPHALT AND CONCRETE FLATWORK SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.

ONCE FINAL SUBGRADE AND COMPACTION IS ACHIEVED, PLACE BASE ROCK AND PAVING/SURFACING PER PLANS AND SPECS. IT IS NOT RECOMMENDED TO LEAVE SUBGRADE SOIL EXPOSED TO ATMOSPHERIC CONDITIONS FOR EXTENDED DURATIONS. CONTRACTOR SHOULD ADJUST SCHEDULE TO COVER SUBGRADE WITH BASE ROCK AS SOON AS RECOMMENDED BY THE PROJECT INSPECTOR.

THE LIMITS OF SUBGRADE PREPARATION SHALL EXTEND AT LEAST 5 FEET BEYOND EDGE OF PROPOSED BUILDING OR FOUNDATION ELEMENTS AND 2 FEET BEYOND EDGES OF FLATWORK AND PAVING EDGES. AFTER COMPLETION OF PAVING AND CURBS, LIME TREATMENT OVER-BUILD SHALL BE EXCAVATED OUT OF ADJOINING PLANTERS OR BALLFIELD AREAS AND RE-PLACED WITH APPROVED AND COMPACTED

ENGINEERED FILL AND TOPSOIL. OTHER NON-PAVING EARTHWORK AREAS (LANDSCAPING, NON-PLAYFIELD)

FOLLOWING THE SITE DEMOLITION AND STRIPPING AS OUTLINED IN THESE PLANS AND PROJECT SPECIFICATIONS, EXCAVATE TO SUBGRADE FOR TOPSOIL AS REQUIRED. CONTRACTOR SHALL CONSULT ONSITE PROJECT INSPECTOR TO ENSURE THAT NO LOOSE FILLS ARE PRESENT AT THIS STAGE WHICH REQUIRE ADDITIONAL EXCAVATION. IF PRESENT, CONTRACTOR SHALL OVER-EXCAVATE TO FIRM NATIVE SOILS.

CONTRACTOR SHALL SCARIFY UNDERLYING NATIVE SOILS TO A DEPTH OF 12 INCHES, MOISTURE CONDITION PER THIS PAGE AND SPECIFICATIONS AND RE-COMPACT TO 90% RELATIVE COMPACTION, PER ASTM D1557.

PLACE APPROVED NATIVE ENGINEERED FILL IN LIFTS THAT DO NOT EXCEED 8" IN LOOSE THICKNESS, EACH MOISTURE CONDITIONED TO 2% ABOVE THE OPTIMUM CONTENT AND COMPACTED TO 90% RELATIVE COMPACTION. PLACE LIFTS AS IDENTIFIED UNTIL SUBGRADE FOR TOPSOIL ELEVATION IS ACHIEVED.

PLACE FINAL 10" OF NATIVE OR IMPORTED TOPSOIL WITH AMENDMENTS AS REQUIRED IN ACCORDANCE WITH LANDSCAPE SPECIFICATIONS OR DISTRICTS LANDSCAPER, MOISTURE CONDITIONED AND COMPACTED AS REQUIRED.

IN AREAS OF REPAIR OF EXISTING LANDSCAPING ONLY, EXISTING UNDISTURBED TOPSOIL MAY REMAIN AND COUNT AS THE TOTAL TOPSOIL SECTION BUT ADDITIONAL TOPSOIL ADDED SHALL BE BLENDED WITH THE TOP 6" OF EXISTING TOPSOIL FOR UNIFORM MEDIA FOR PLANTING AND LANDSCAPE REPAIR.

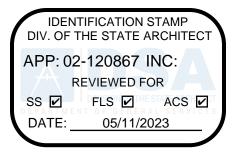
SOFTBALL PLAYFIELD AREAS

FOLLOWING THE SITE DEMOLITION AND STRIPPING AS OUTLINED IN THESE PLANS AND PROJECT SPECIFICATIONS, EXCAVATE TO SUBGRADE FOR TOPSOIL OR SUBGRADE FOR INFIELD MIX AS REQUIRED. CONTRACTOR SHALL CONSULT ONSITE PROJECT INSPECTOR TO ENSURE THAT NO LOOSE FILLS ARE PRESENT AT THIS STAGE WHICH REQUIRE ADDITIONAL EXCAVATION. IF PRESENT, CONTRACTOR SHALL OVER-EXCAVATE TO FIRM NATIVE SOILS.

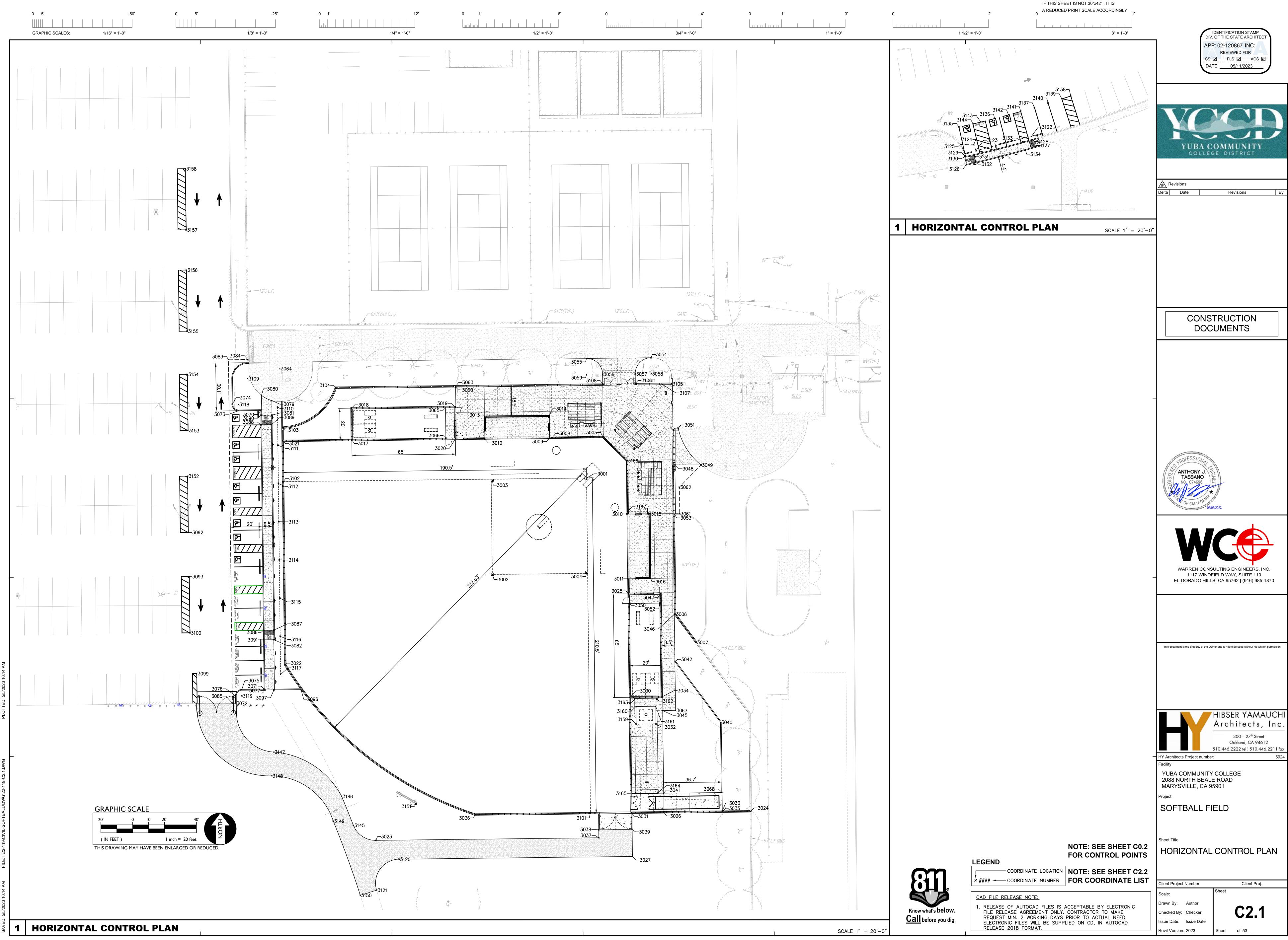
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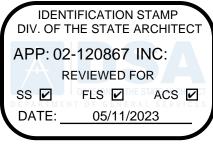
PLACE APPROVED NATIVE ENGINEERED FILL IN LIFTS THAT DO NOT EXCEED 8" IN LOOSE THICKNESS, EACH MOISTURE CONDITIONED TO 2% ABOVE THE OPTIMUM CONTENT AND COMPACTED TO 90% RELATIVE COMPACTION. PLACE LIFTS AS IDENTIFIED UNTIL SUBGRADE FOR TOPSOIL ELEVATION IS ACHIEVED.

PLACE FINAL 10" OF NATIVE OR IMPORTED TOPSOIL WITH AMENDMENTS AS REQUIRED IN ACCORDANCE WITH LANDSCAPE SPECIFICATIONS OR DISTRICTS LANDSCAPER, MOISTURE CONDITIONED AND COMPACTED AS REQUIRED.









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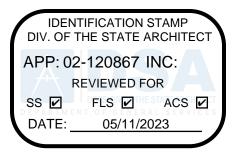
1 1/2" = 1'-0"

2'

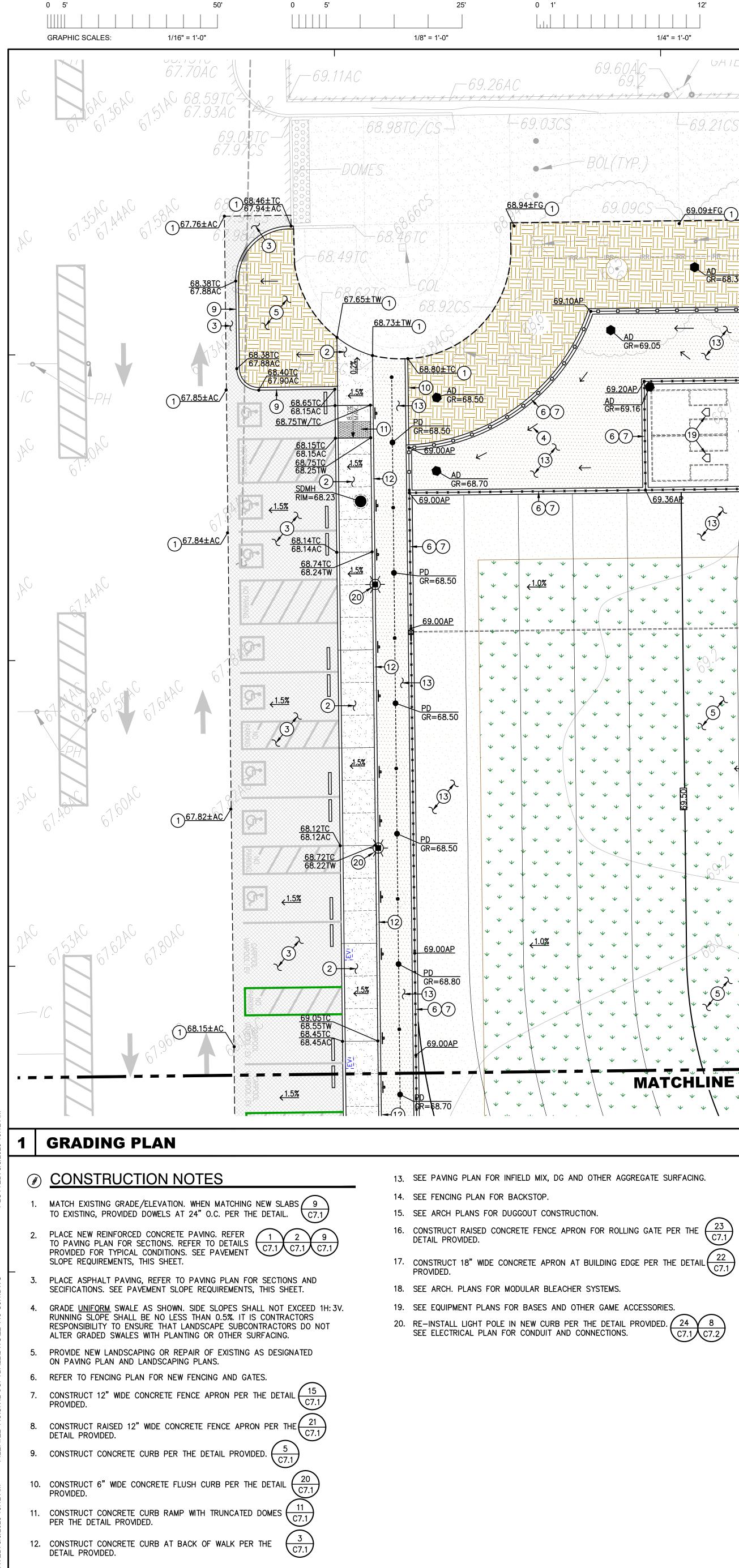
IF THIS SHEET IS NOT 30"x42" , IT IS A REDUCED PRINT SCALE ACCORDINGLY

3" = 1'-0"

| | | Point ⁻ | Table | | | | Point | Table | |
|--------------|-----------|--------------------------|--------------------------|-----------------------|--------------|-----------|--------------------------|--------------------------|----------------------|
| Point # | Elevation | Northing | Easting | Description | Point # | Elevation | Northing | Easting | Description |
| 3001 | 0.00 | 2171557.99 | 6692533.33 | BASE | 3097 | 0.00 | 2171421.50 | 6692339.44 | TW@AP |
| 3002 | 0.00 | 2171496.44 | 6692475.27 | TRACK RP | 3099 | 0.00 | 2171430.92 | 6692290.84 | STRIPE |
| 3003 | 0.00 | 2171555.51 | 6692474.13 | BASE | 3100 | 0.00 | 2171456.40 | 6692286.11 | STRIPE |
| 3004 | 0.00 | 2171498.74 | 6692534.31 | BASE | 3101 | 0.00 | 2171347.57 | 6692539.30 | FOUL.POLE |
| 3005 | 0.00 | 2171583.78 | 6692543.15 | CL.FENCE | 3102 | 0.00 | 2171552.27 | 6692342.92 | FOUL.POLE |
| 3006 | 0.00 | 2171473.46 | 6692590.30 | CL.FENCE | 3103 | 0.00 | 2171586.24 | 6692341.93 | CL.FENCE |
| 3007 | 0.00 | 2171456.02 | 6692603.88 | CL.FENCE@END | 3104 | 0.00 | 2171611.90 | 6692374.96 6692585.60 | CL.FENCE |
| 3008 3009 | 0.00 | 2171582.85 2171582.31 | 6692511.16 6692509.68 | CL.FENCE SLAB@EDGE | 3105 3106 | 0.00 | 2171618.03 2171617.87 | 6692585.60 | CL.FENCE TW@AP |
| 3010 | 0.00 | 2171535.79 | 6692558.99 | SLAB©EDGE | 3107 | 0.00 | 2171617.37 | 6692580.06 | JOINT |
| 3011 | 0.00 | 2171495.15 | 6692560.17 | SLAB©EDGE | 3108 | 0.00 | 2171617.27 | 6692542.38 | TW@AP |
| 3012 | 0.00 | 2171581.12 | 6692469.03 | SLAB@EDGE | 3109 | 0.00 | 2171616.62 | 6692319.55 | RP |
| 3013 | 0.00 | 2171595.66 | 6692468.60 | DUGGOUT | 3110 | 0.00 | 2171599.15 | 6692338.55 | NET.POST |
| 3014 | 0.00 | 2171596.84 | 6692509.25 | DUGGOUT | 3111 | 0.00 | 2171575.16 | 6692339.25 | NET.POST |
| 3015 | 0.00 | 2171536.21 | 6692573.52 | DUGGOUT | 3112 | 0.00 | 2171551.17 | 6692339.95 | NET.POST |
| 3016 | 0.00 | 2171495.56 | 6692574.71 | DUGGOUT | 3113 | 0.00 | 2171527.18 | 6692340.65 | NET.POST |
| 3017 | 0.00 | 2171579.19 | 6692385.59 | CL.FENCE | 3114 | 0.00 | 2171503.19 | 6692341.35 | NET.POST |
| 3018 | 0.00 | 2171599.19 | 6692385.01 | CL.FENCE | 3115 | 0.00 | 2171479.20 | 6692342.04 | NET.POST |
| 3019 3020 | 0.00 | 2171601.08 2171581.09 | 6692449.98 6692450.56 | CL.FENCE | 3116 3117 | 0.00 | 2171455.21 2171431.22 | 6692342.74 6692343.44 | NET.POST |
| 3020 | 0.00 | 2171581.09 | 6692342.17 | CL.FENCE | 3118 | 0.00 | 2171431.22 | 6692343.44 | RP |
| 3022 | 0.00 | 2171437.28 | 6692346.27 | CL.FENCE | 3119 | 0.00 | 2171600.34 | 6692319.36 | RP |
| 3023 | 0.00 | 2171328.16 | 6692405.05 | GRAVEL | 3120 | 0.00 | 2171316.58 | 6692419.88 | GRAVEL |
| 3024 | 0.00 | 2171350.50 | 6692639.98 | CL.FENCE | 3121 | 0.00 | 2171296.89 | 6692406.07 | GRAVEL |
| 3025 | 0.00 | 2171485.65 | 6692560.95 | CL.FENCE | 3122 | 0.00 | 2172961.29 | 6693005.36 | SAWCUT |
| 3026 | 0.00 | 2171348.91 | 6692585.44 | CL.FENCE | 3123 | 0.00 | 2172951.66 | 6692970.71 | SAWCUT |
| 3027 | 0.00 | 2171320.85 | 6692566.25 | GRAVEL | 3124 | 0.00 | 2172955.30 | 6692969.17 | SAWCUT |
| 3030 | 0.00 | 2171420.68 | 6692562.84 | CL.FENCE | 3125 | 0.00 | 2172955.40 | 6692960.75 | SAWCUT |
| 3031 | 0.00 | 2171348.32 | 6692564.95 | CL.FENCE | 3126 | 0.00 | 2172942.92 | 6692964.80 | TCORAMP |
| 3032 | 0.00 | 2171404.37 | 6692579.53 | TW@AP | 3127 | 0.00 | 2172954.66 | 6693007.35 | TCORAMP |
| 3033 | 0.00 | 2171350.48 | 6692622.11 | TW@AP | 3128 | 0.00 | 2172959.38 | 6693005.94 | BFC@RAMP |
| 3034 | 0.00 | 2171421.26 | 6692582.83 | CL.FENCE | 3129 | 0.00 | 2172947.90 | 6692964.16 | BFC@RAMP |
| 3035 | 0.00 | 2171349.98 | 6692622.13 | CL.FENCE | 3130 | 0.00 | 2172947.79 | 6692963.67 | TBC@RAMP |
| 3036 | 0.00 | 2171345.47 | 6692467.00 | | 3131 | 0.00 | 2172949.23 | 6692969.47 | BFC@RAMP |
| 3037 3038 | 0.00 | 2171332.23 2171337.22 | 6692544.91 6692544.76 | GRAVEL TW@AP | 3132 3133 | 0.00 | 2172944.41 2172957.64 | 6692970.71 6693000.20 | BFC@RAMP BFC@RAMP |
| 3039 | 0.00 | 2171337.84 | 6692565.75 | TW@AP | 3134 | 0.00 | 2172957.04 | 6693001.60 | BFC@RAMP |
| 3040 | 0.00 | 2171406.09 | 6692619.99 | TW@AP | 3135 | 0.00 | 2172966.38 | 6692959.70 | STRIPE |
| 3041 | 0.00 | 2171360.91 | 6692585.09 | TW@AP | 3136 | 0.00 | 2172972.18 | 6692981.96 | STRIPE |
| 3042 | 0.00 | 2171443.63 | 6692590.73 | TW@APRON | 3137 | 0.00 | 2172979.58 | 6693006.83 | STRIPE |
| 3045 | 0.00 | 2171412.78 | 6692583.58 | TW@AP | 3138 | 0.00 | 2172987.17 | 6693029.49 | STRIPE |
| 3046 | 0.00 | 2171473.26 | 6692589.82 | TW@AP | 3139 | 0.00 | 2172985.23 | 6693023.92 | STRIPE |
| 3047 | 0.00 | 2171486.24 | 6692580.94 | CL.FENCE | 3140 | 0.00 | 2172982.35 | 6693015.39 | STRIPE |
| 3048 | 0.00 | 2171567.13 | 6692588.74 | TW@AP | 3141 | 0.00 | 2172976.93 | 6692998.28 | STRIPE |
| 3049 | 0.00 | 2171567.37 | 6692604.97 | TW@AP | 3142 | 0.00 | 2172974.65 | 6692990.61 | STRIPE |
| 3050 | 0.00 | 2171479.67 | 6692561.62 | TW@AP | 3143 | 0.00 | 2172969.83 | 6692973.27 | STRIPE |
| 3051 | 0.00 | 2171590.25 | 6692590.22 | TW@AP | 3144 | 0.00 | 2172968.57 | 6692968.43 | STRIPE |
| 3052 | 0.00 | 2171480.22 | 6692580.62 | TW@AP | 3145 | 0.00 | 2171337.39 | 6692390.76 | GRAVEL |
| 3053 | 0.00 | 2171536.64 2171634.13 | 6692588.47 6692572.40 | | 3146 3147 | 0.00 | 2171355.39 | 6692383.13 6692339.93 | GRAVEL |
| 3054 3055 | 0.00 | 2171632.97 | 6692531.92 | TW@AP TW@AP | 3148 | 0.00 | 2171382.45 2171367.49 | 6692338.90 | GRAVEL |
| 3056 | 0.00 | 2171623.26 | 6692542.21 | TWORC | 3149 | 0.00 | 2171339.84 | 6692378.08 | GRAVEL |
| 3057 | 0.00 | 2171623.85 | 6692562.69 | TWOBC | 3150 | 0.00 | 2171293.52 | 6692395.86 | GRAVEL |
| 3058 | 0.00 | 2171624.14 | 6692572.69 | RP | 3151 | 0.00 | 2171351.42 | 6692429.76 | SCOREBOARD.CI |
| 3059 | 0.00 | 2171622.97 | 6692532.21 | RP | 3152 | 0.00 | 2171554.75 | 6692282.92 | STRIPE |
| 3060 | 0.00 | 2171613.59 | 6692450.12 | TW@AP | 3153 | 0.00 | 2171583.37 | 6692282.69 | STRIPE |
| 3061 | 0.00 | 2171536.55 | 6692592.13 | SAWCUT | 3154 | 0.00 | 2171618.70 | 6692281.66 | STRIPE |
| 3062 | 0.00 | 2171553.25 | 6692591.65 | SAWCUT | 3155 | 0.00 | 2171645.74 | 6692281.03 | STRIPE |
| 3063 | 0.00 | 2171614.09 | 6692450.10 | CL.FENCE | 3156 | 0.00 | 2171684.11 | 6692279.91 | STRIPE |
| 3064 | 0.00 | 2171623.28 | 6692339.64 | RP | 3157 | 0.00 | 2171709.33 | 6692279.30 | STRIPE |
| 3065 | 0.00 | 2171600.40 | 6692444.00 | TW@AP | 3158 | 0.00 | 2171747.71 | 6692278.10 | STRIPE |
| 3066 3067 | 0.00 | 2171581.41 2171413.02 | 6692444.55 6692591.68 | TW@AP TW@AP | 3159 3160 | 0.00 | 2171404.01 2171415.00 | 6692567.12 6692566.80 | TW@AP TW@AP |
| 3068 | 0.00 | 2171413.02 | 6692621.78 | TW@AP TW@AP | 3161 | 0.00 | 2171415.00 | 6692579.21 | TW@AP TW@AP |
| 3070 | 0.00 | 2171596.75 | 6692328.14 | BFC@AP | 3162 | 0.00 | 2171419.98 | 6692579.87 | NET.POST |
| 3071 | 0.00 | 2171421.82 | 6692333.24 | BFC@AP | 3163 | 0.00 | 2171419.58 | 6692565.87 | NET.POST |
| 3072 | 0.00 | 2171412.69 | 6692315.50 | BFC@END | 3164 | 0.00 | 2171361.29 | 6692581.58 | NET.POST |
| 3073 | 0.00 | 2171596.34 | 6692314.14 | BFC@BC | 3165 | 0.00 | 2171360.88 | 6692567.58 | NET.POST |
| 3074 | 0.00 | 2171600.22 | 6692310.03 | BFC@BC | 3166 | 0.00 | 2171569.29 | 6692558.51 | CL.FENCE |
| 3075 | 0.00 | 2171421.41 | 6692319.24 | BFC@BC | 3167 | 0.00 | 2171537.30 | 6692559.44 | CL.FENCE |
| 3076 | 0.00 | 2171417.30 | 6692315.36 | BFC@BC | | | | | |
| 3077 | 0.00 | 2171421.34 | 6692333.75 | TW@AP | | | | | |
| 3079 3080 | 0.00 | 2171603.08 2171606.31 | 6692334.95 6692328.36 | TW@AP TW@AP | | | | | |
| 3080 | 0.00 | 2171593.95 | 6692328.36 | TW@AP TW@AP | | | | | |
| 3082 | 0.00 | 2171393.93 | 6692338.83 | TW@AP | | | | | |
| 3083 | 0.00 | 2171628.24 | 6692307.27 | SAWCUT | | | | | |
| 3084 | 0.00 | 2171628.52 | 6692319.50 | SAWCUT | | | | | |
| 3085 | 0.00 | 2171412.67 | | SAWCUT | | | | | |
| 3086 | 0.00 | 2171458.80 | 6692332.16 | BFC@RAMP | | | | | 00 0 |
| 3087 | 0.00 | 2171458.99 | 6692338.66 | BFC@RAMP | | | | | C0.2 FOR |
| 3088 | 0.00 | 2171587.75 | 6692328.40 | BFC@RAMP | | CC | UNIROL | POINTS | |
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| 3089 3090 | 0.00 | | | | | | | | |

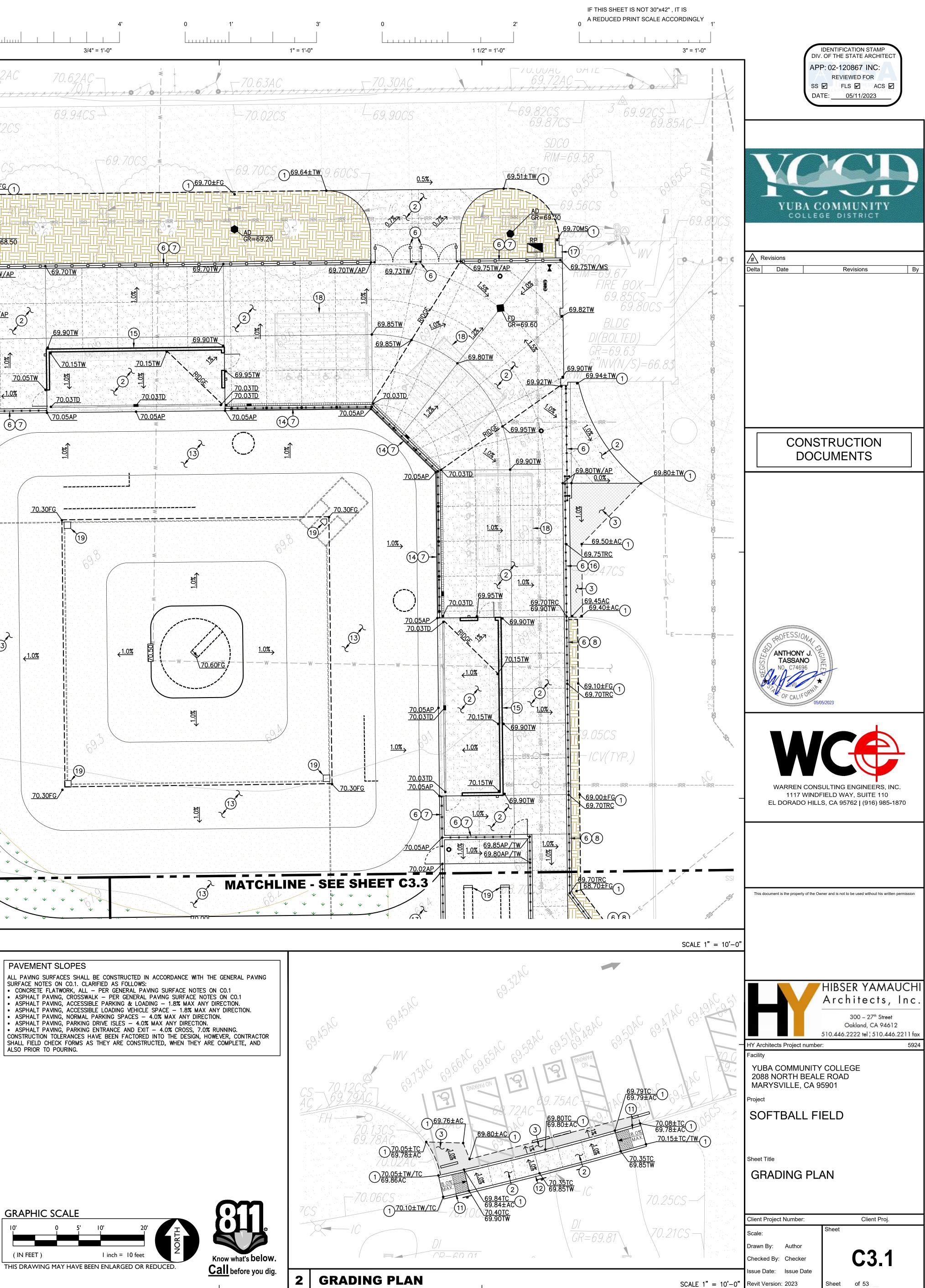


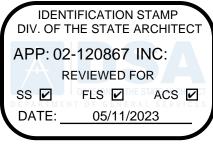


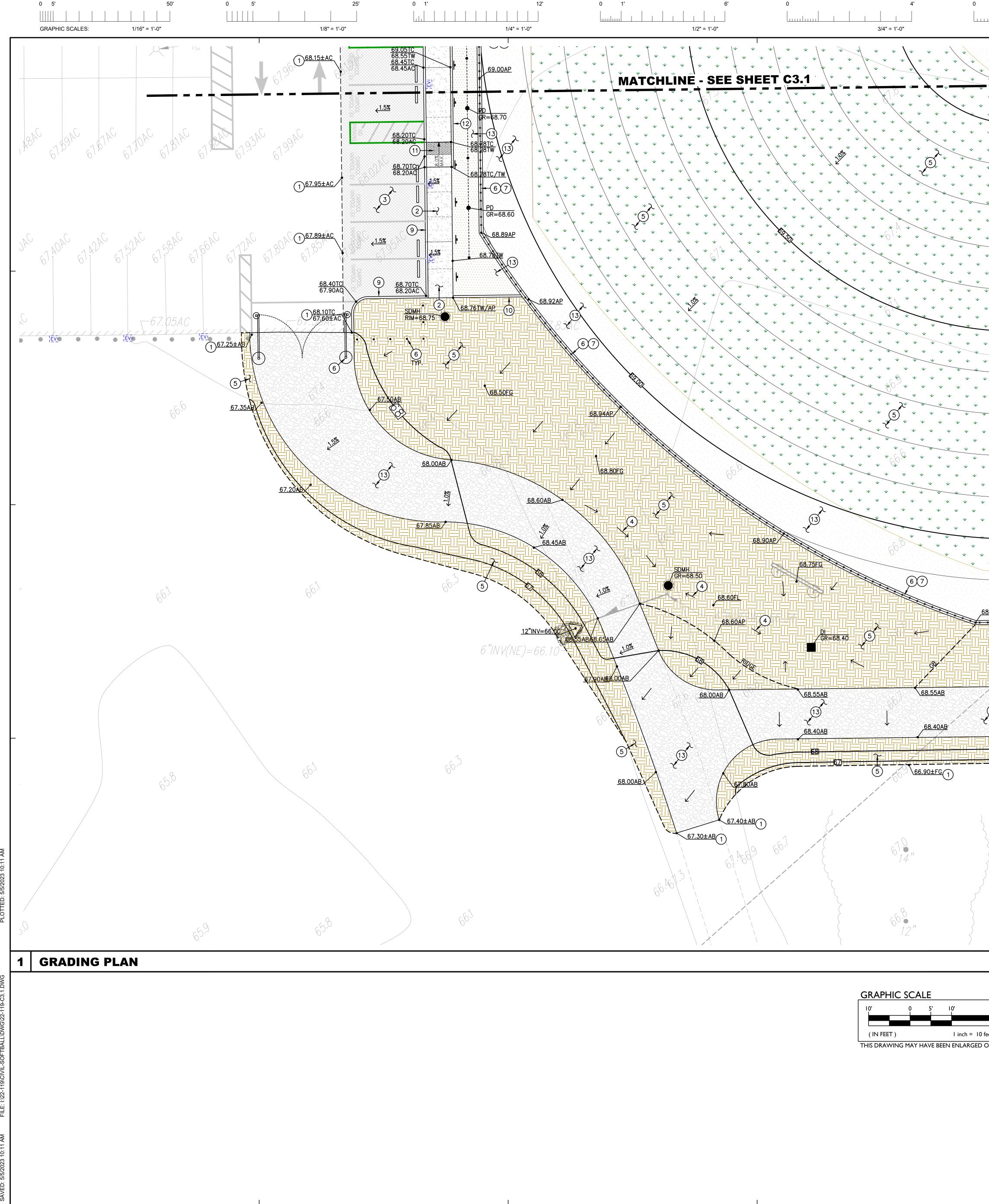


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PAVEMENT SLOPES









l inch = 10 feet THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

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<u>**Call**</u> before you dig.

ALL PAVING SURFACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GENERAL PAVING SURFACE NOTES ON CO.1. CLARIFIED AS FOLLOWS: • CONCRETE FLATWORK, ALL – PER GENERAL PAVING SURFACE NOTES ON CO.1 CONCRETE FLATWORK, ALL – PER GENERAL PAVING SURFACE NOTES ON CO.1
ASPHALT PAVING, CROSSWALK – PER GENERAL PAVING SURFACE NOTES ON CO.1
ASPHALT PAVING, ACCESSIBLE PARKING & LOADING – 1.8% MAX ANY DIRECTION.
ASPHALT PAVING, ACCESSIBLE LOADING VEHICLE SPACE – 1.8% MAX ANY DIRECTION.
ASPHALT PAVING, NORMAL PARKING SPACES – 4.0% MAX ANY DIRECTION.
ASPHALT PAVING, PARKING DRIVE ISLES – 4.0% MAX ANY DIRECTION.
ASPHALT PAVING, PARKING ENTRANCE AND EXIT – 4.0% CROSS, 7.0% RUNNING.
CONSTRUCTION TOLERANCES HAVE BEEN FACTORED INTO THE DESIGN, HOWEVER, CONTRACTOR SHALL FIELD CHECK FORMS AS THEY ARE CONSTRUCTED, WHEN THEY ARE COMPLETE, AND ALSO PRIOR TO POURING. (#) <u>CONSTRUCTION NOTES</u> 1. MATCH EXISTING GRADE/ELEVATION. WHEN MATCHING NEW SLABS (9 TO EXISTING, PROVIDED DOWELS AT 24" O.C. PER THE DETAIL. 2. PLACE NEW REINFORCED CONCRETE PAVING. REFER TO PAVING PLAN FOR SECTIONS. REFER TO DETAILS PROVIDED FOR TYPICAL CONDITIONS. SEE PAVEMENT SLOPE REQUIREMENTS, THIS SHEET. 3. PLACE ASPHALT PAVING, REFER TO PAVING PLAN FOR SECTIONS AND SECIFICATIONS. SEE PAVEMENT SLOPE REQUIREMENTS, THIS SHEET. 4. GRADE <u>UNIFORM</u> SWALE AS SHOWN. SIDE SLOPES SHALL NOT EXCEED 1H: 3V. RUNNING SLOPE SHALL BE NO LESS THAN 0.5%. IT IS CONTRACTORS RESPONSIBILITY TO ENSURE THAT LANDSCAPE SUBCONTRACTORS DO NOT ALTER GRADED SWALES WITH PLANTING OR OTHER SURFACING. 5. PROVIDE NEW LANDSCAPING OR REPAIR OF EXISTING AS DESIGNATED ON PAVING PLAN AND LANDSCAPING PLANS. 6. REFER TO FENCING PLAN FOR NEW FENCING AND GATES. 7. CONSTRUCT 12" WIDE CONCRETE FENCE APRON PER THE DETAIL (-PROVIDED. 8. CONSTRUCT RAISED 12" WIDE CONCRETE FENCE APRON PER THE DETAIL PROVIDED. 10. CONSTRUCT 6" WIDE CONCRETE FLUSH CURB PER THE DETAIL $\begin{pmatrix} 20 \\ C7.1 \end{pmatrix}$ PROVIDED. 11. CONSTRUCT CONCRETE CURB RAMP WITH TRUNCATED DOMES $\begin{pmatrix} 11 \\ 0.71 \end{pmatrix}$ PER THE DETAIL PROVIDED. 12. CONSTRUCT CONCRETE CURB AT BACK OF WALK PER THE C7.1 DETAIL PROVIDED. 13. SEE PAVING PLAN FOR INFIELD MIX, DG AND OTHER AGGREGATE SURFACING.

IF THIS SHEET IS NOT 30"x42" , IT IS

A REDUCED PRINT SCALE ACCORDINGLY

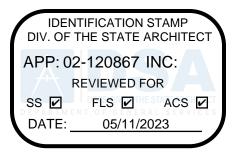
3" = 1'-0"

14. SEE FENCING PLAN FOR BACKSTOP. 15. SEE ARCH PLANS FOR DUGGOUT CONSTRUCTION.

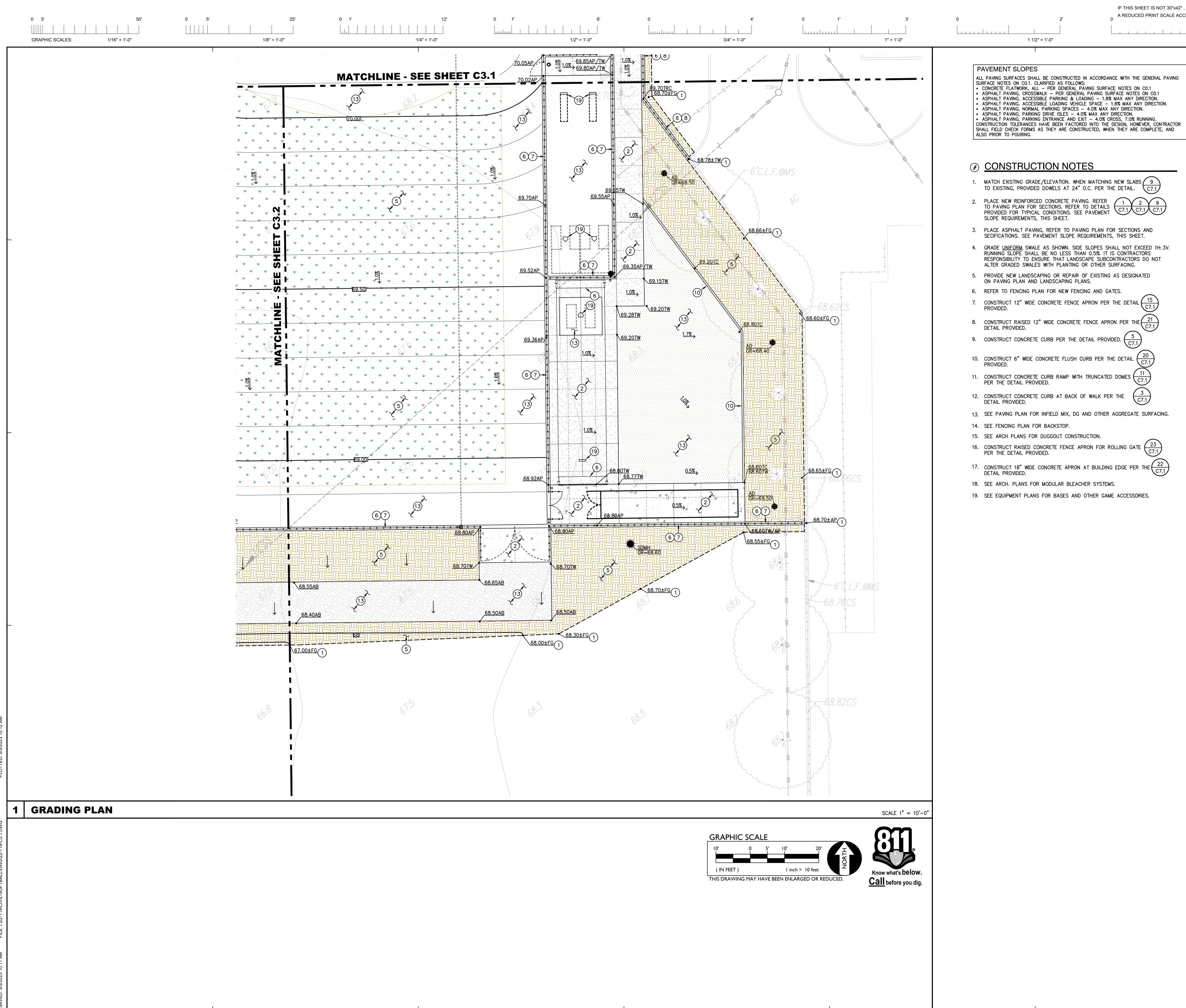
PAVEMENT SLOPES

1 1/2" = 1'-0"

- 16. CONSTRUCT RAISED CONCRETE FENCE APRON FOR ROLLING GATE PER THE DETAIL PROVIDED.
- 17. CONSTRUCT 18" WIDE CONCRETE APRON AT BUILDING EDGE PER THE
- 18. SEE ARCH. PLANS FOR MODULAR BLEACHER SYSTEMS.
- 19. SEE EQUIPMENT PLANS FOR BASES AND OTHER GAME ACCESSORIES.



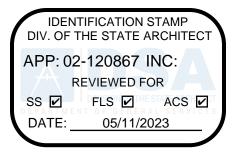




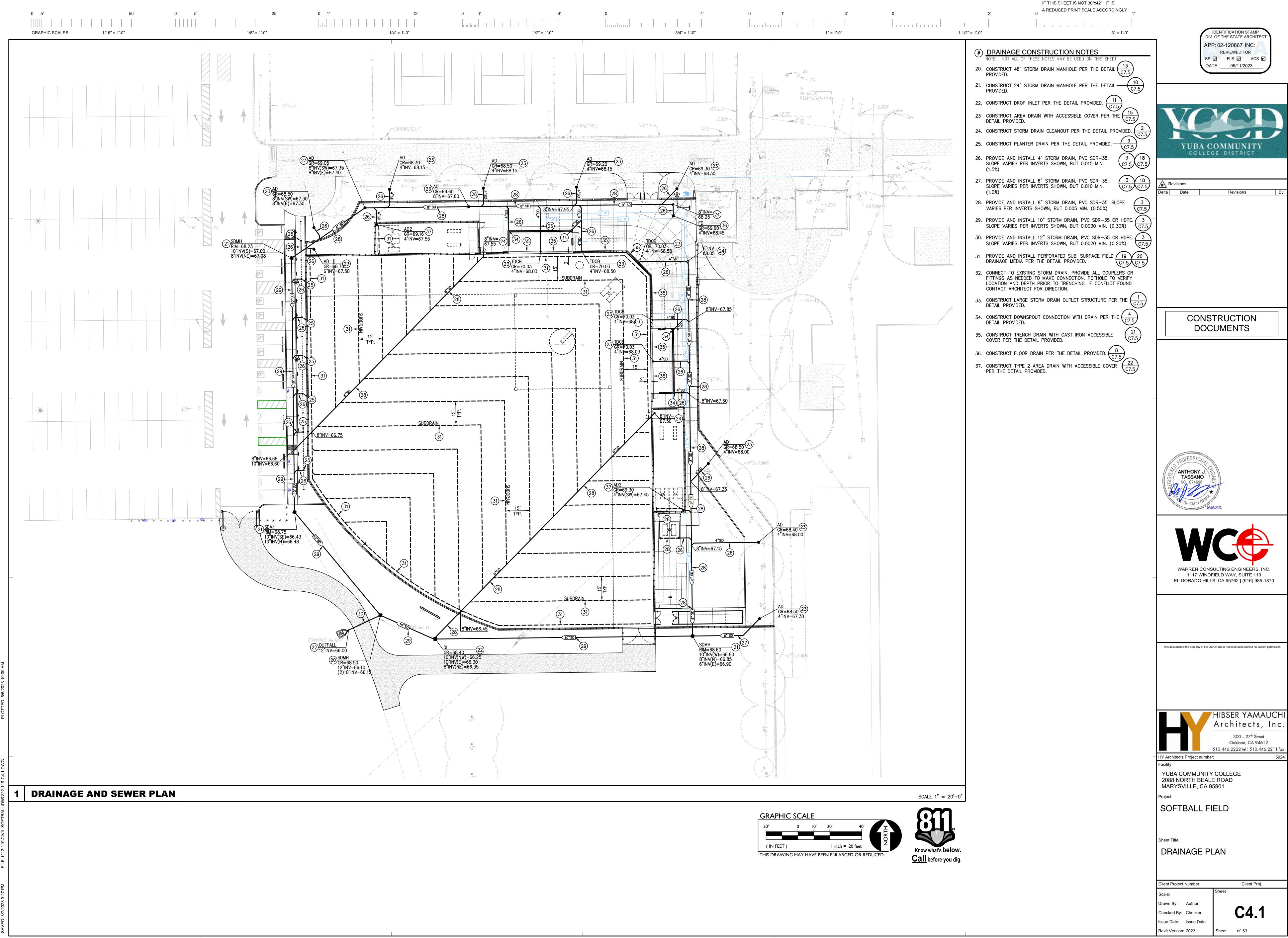
IF THIS SHEET IS NOT 30"x42" , IT IS A REDUCED PRINT SCALE ACCORDINGLY 3" = 1'-0"

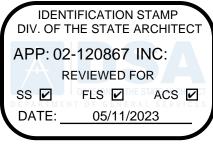
C7.1

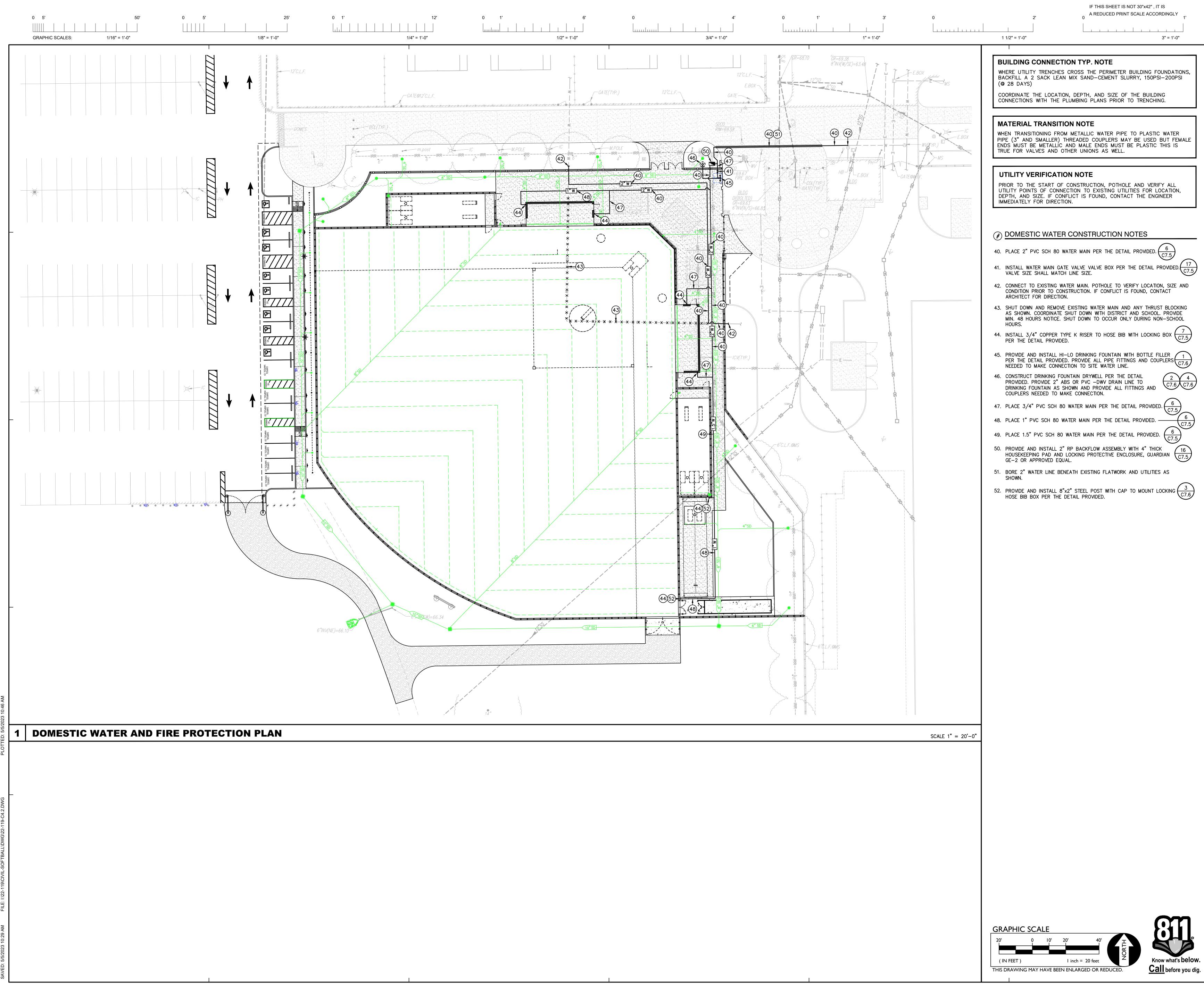
- 18. SEE ARCH. PLANS FOR MODULAR BLEACHER SYSTEMS.
- 19. SEE EQUIPMENT PLANS FOR BASES AND OTHER GAME ACCESSORIES.

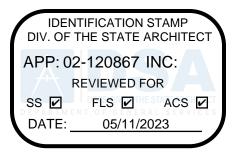




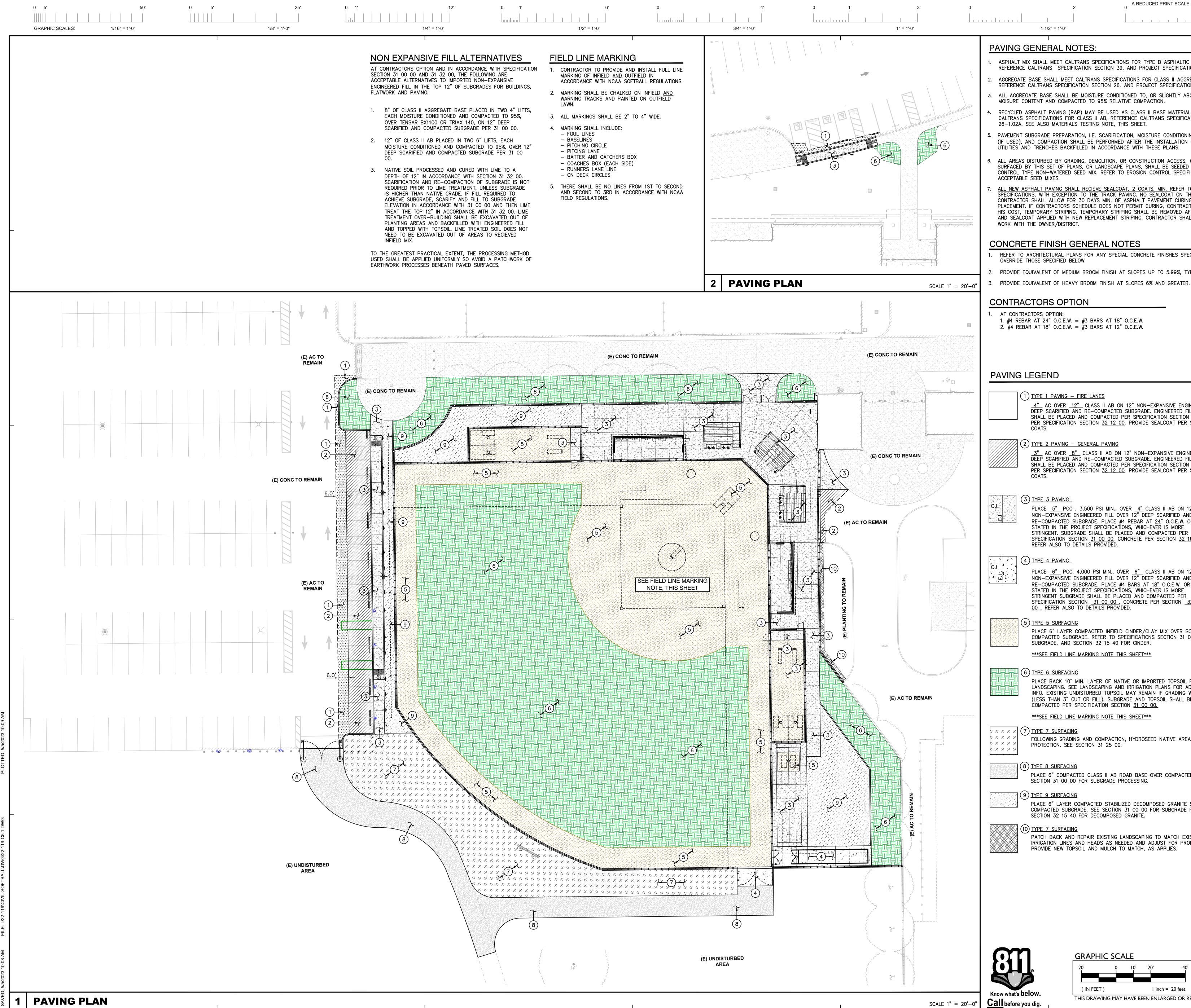


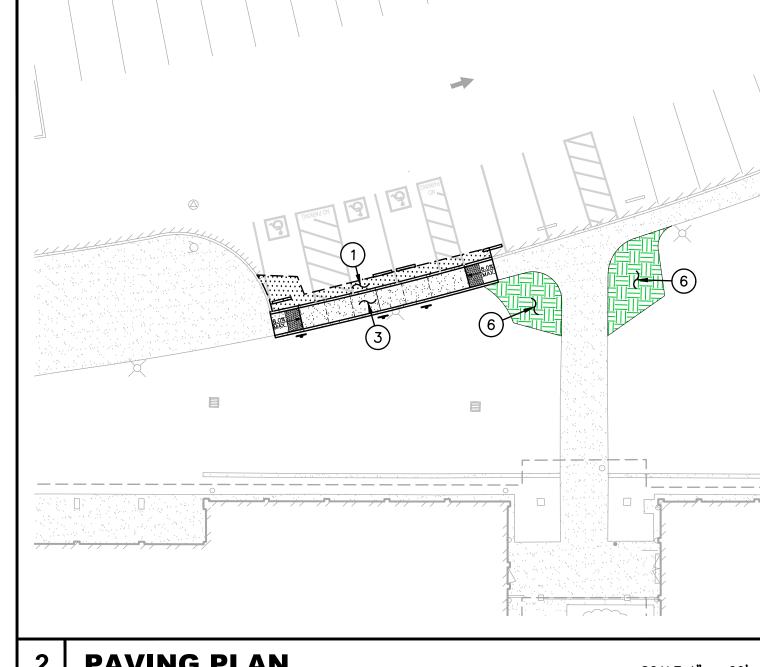












ASPHALT MIX SHALL MEET CALTRANS SPECIFICATIONS FOR TYPE B ASPHALTIC CONCRETE. REFERENCE CALTRANS SPECIFICATION SECTION 39, AND PROJECT SPECIFICATIONS

IF THIS SHEET IS NOT 30"x42", IT IS

A REDUCED PRINT SCALE ACCORDINGLY

3" = 1'-0"

- 2. AGGREGATE BASE SHALL MEET CALTRANS SPECIFICATIONS FOR CLASS II AGGREGATE BASE. REFERENCE CALTRANS SPECIFICATION SECTION 26. AND PROJECT SPECIFICATIONS
- 3. ALL AGGREGATE BASE SHALL BE MOISTURE CONDITIONED TO, OR SLIGHTLY ABOVE, OPTIMUM
- RECYCLED ASPHALT PAVING (RAP) MAY BE USED AS CLASS II BASE MATERIAL PROVIDED IT MEETS CALTRANS SPECIFICATIONS FOR CLASS II AB, REFERENCE CALTRANS SPECIFICATION SECTION 26-1.02A. SEE ALSO MATERIALS TESTING NOTE, THIS SHEET.
- 5. PAVEMENT SUBGRADE PREPARATION, I.E. SCARIFICATION, MOISTURE CONDITIONING, LIME TREATMENT (IF USED), AND COMPACTION SHALL BE PERFORMED AFTER THE INSTALLATION OF UNDERGROUND UTILITIES AND TRENCHES BACKFILLED IN ACCORDANCE WITH THESE PLANS.
- 6. ALL AREAS DISTURBED BY GRADING, DEMOLITION, OR CONSTRUCTION ACCESS, WHICH ARE NOT SURFACED BY THIS SET OF PLANS, OR LANDSCAPE PLANS, SHALL BE SEEDED WITH EROSION CONTROL TYPE NON-WATERED SEED MIX. REFER TO EROSION CONTROL SPECIFICATIONS FOR
- ALL NEW ASPHALT PAVING SHALL RECIEVE SEALCOAT, 2 COATS. MIN. REFER TO PROJECT SPECIFICATIONS, WITH EXCEPTION TO THE TRACK PAVING. NO SEALCOAT ON THE TRACK PAVEMENT. CONTRACTOR SHALL ALLOW FOR 30 DAYS MIN. OF ASPHALT PAVEMENT CURING PRIOR TO SEALCOAT PLACEMENT. IF CONTRACTORS SCHEDULE DOES NOT PERMIT CURING, CONTRACTOR WILL PROVIDE, AT HIS COST, TEMPORARY STRIPING. TEMPORARY STRIPING SHALL BE REMOVED AFTER CURING PERIOD AND SEALCOAT APPLIED WITH NEW REPLACEMENT STRIPING. CONTRACTOR SHALL COORDINATE THIS WORK WITH THE OWNER/DISTRICT.

CONCRETE FINISH GENERAL NOTES

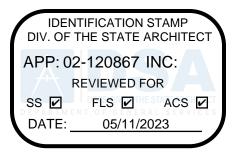
- . REFER TO ARCHITECTURAL PLANS FOR ANY SPECIAL CONCRETE FINISHES SPECIFIED WHICH SHALL OVERRIDE THOSE SPECIFIED BELOW.
- 2. PROVIDE EQUIVALENT OF MEDIUM BROOM FINISH AT SLOPES UP TO 5.99%, TYPICAL.

CONTRACTORS OPTION

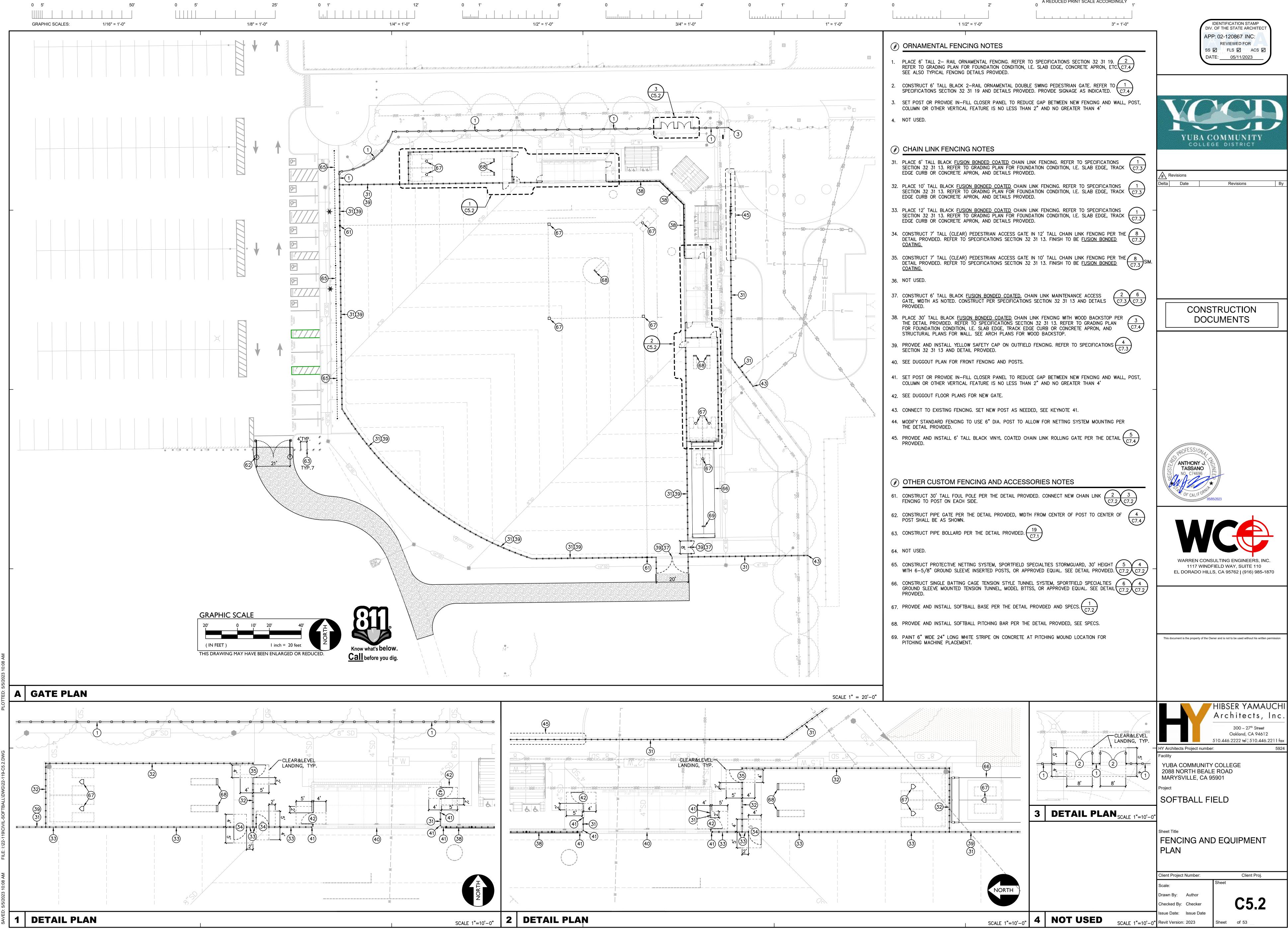
1. #4 REBAR AT 24" O.C.E.W. = #3 BARS AT 18" O.C.E.W. 2. #4 REBAR AT 18" O.C.E.W. = #3 BARS AT 12" O.C.E.W.

| 1 <u>TYPE 1 PAVING – FIRE LANES</u> <u>4</u> " AC OVER <u>12</u> " CLASS II AB ON 12" NON-EXPANSIVE ENGINEERED FILL OVER 12" DEEP SCARIFIED AND RE-COMPACTED SUBGRADE. ENGINEERED FILL AND SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION <u>31 00 00</u> . ASPHALT PER SPECIFICATION SECTION <u>32 12 00</u> . PROVIDE SEALCOAT PER SPECIFICATIONS, 2 COATS. |
|--|
| 2 <u>TYPE 2 PAVING – GENERAL PAVING</u> <u>3</u> " AC OVER <u>8</u> " CLASS II AB ON 12" NON-EXPANSIVE ENGINEERED FILL OVER 12" DEEP SCARIFIED AND RE-COMPACTED SUBGRADE. ENGINEERED FILL AND SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION <u>31 00 00</u> . ASPHALT PER SPECIFICATION SECTION <u>32 12 00</u> . PROVIDE SEALCOAT PER SPECIFICATIONS, 2 COATS. |
| CJ3 TYPE 3 PAVINGPLACE 5" PCC , 3,500 PSI MIN., OVER 4" CLASS II AB ON 12"NON-EXPANSIVE ENGINEERED FILL OVER 12" DEEP SCARIFIED ANDRE-COMPACTED SUBGRADE. PLACE #4 REBAR AT 24" O.C.E.W. OR ASSTATED IN THE PROJECT SPECIFICATIONS, WHICHEVER IS MORESTRINGENT. SUBGRADE SHALL BE PLACED AND COMPACTED PERSPECIFICATION SECTION 31 00 00. CONCRETE PER SECTION 32 16 00.REFER ALSO TO DETAILS PROVIDED. |
| CJ 4 <u>TYPE 4 PAVING</u> PLACE <u>6</u> " PCC, 4,000 PSI MIN., OVER <u>6</u> " CLASS II AB ON 12" NON-EXPANSIVE ENGINEERED FILL OVER 12" DEEP SCARIFIED AND RE-COMPACTED SUBGRADE. PLACE #4 BARS AT <u>18</u> " O.C.E.W. OR AS STATED IN THE PROJECT SPECIFICATIONS, WHICHEVER IS MORE STRINGENT SUBGRADE SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION <u>31 00 00</u> . CONCRETE PER SECTION <u>32 16</u> OO_ REFER ALSO TO DETAILS PROVIDED. |
| 5 <u>TYPE 5 SURFACING</u> PLACE 6" LAYER COMPACTED INFIELD CINDER/CLAY MIX OVER SCARIFIED AND COMPACTED SUBGRADE. REFER TO SPECIFICATIONS SECTION 31 00 00 FOR SUBGRADE, AND SECTION 32 15 40 FOR CINDER. ***SEE FIELD LINE MARKING NOTE THIS SHEET*** |
| 6 <u>TYPE 6 SURFACING</u> PLACE BACK 10" MIN. LAYER OF NATIVE OR IMPORTED TOPSOIL FOR NEW LANDSCAPING. SEE LANDSCAPING AND IRRIGATION PLANS FOR ADDITIONAL INFO. EXISTING UNDISTURBED TOPSOIL MAY REMAIN IF GRADING WORK LIMITED (LESS THAN 3" CUT OR FILL). SUBGRADE AND TOPSOIL SHALL BE PLACED AND COMPACTED PER SPECIFICATION SECTION <u>31 00 00.</u> |
| ***SEE FIELD LINE MARKING NOTE THIS SHEET*** |
| # # # # # # # (7) <u>TYPE 7 SURFACING</u> # # # # # # FOLLOWING GRADING AND COMPACTION, HYDROSEED NATIVE AREAS FOR EROSION # # # # # # FOLLOWING GRADING AND COMPACTION, HYDROSEED NATIVE AREAS FOR EROSION # # # # # # FOLLOWING GRADING AND COMPACTION, HYDROSEED NATIVE AREAS FOR EROSION # # # # # # FOLLOWING GRADING AND COMPACTION, HYDROSEED NATIVE AREAS FOR EROSION # # # # # # FOLLOWING GRADING AND COMPACTION, HYDROSEED NATIVE AREAS FOR EROSION |
| (8) <u>TYPE 8 SURFACING</u> PLACE 6" COMPACTED CLASS II AB ROAD BASE OVER COMPACTED SUBGRADE. SEE SECTION 31 00 00 FOR SUBGRADE PROCESSING. |
| 9 <u>TYPE 9 SURFACING</u> PLACE 6" LAYER COMPACTED STABILIZED DECOMPOSED GRANITE SURFACING OVER COMPACTED SUBGRADE. SEE SECTION 31 00 00 FOR SUBGRADE PROCESSING. SEE SECTION 32 15 40 FOR DECOMPOSED GRANITE. |
| (10) <u>TYPE 7 SURFACING</u> PATCH BACK AND REPAIR EXISTING LANDSCAPING TO MATCH EXISTING. REPAIR IRRIGATION LINES AND HEADS AS NEEDED AND ADJUST FOR PROPER COVERAGE. PROVIDE NEW TOPSOIL AND MULCH TO MATCH, AS APPLIES. |
| |
| |
| |
| GRAPHIC SCALE 20' 0 10' 20' 40' T |
| Image: Second |

(IN FEET) I inch = 20 feet THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED

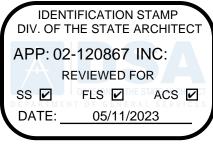


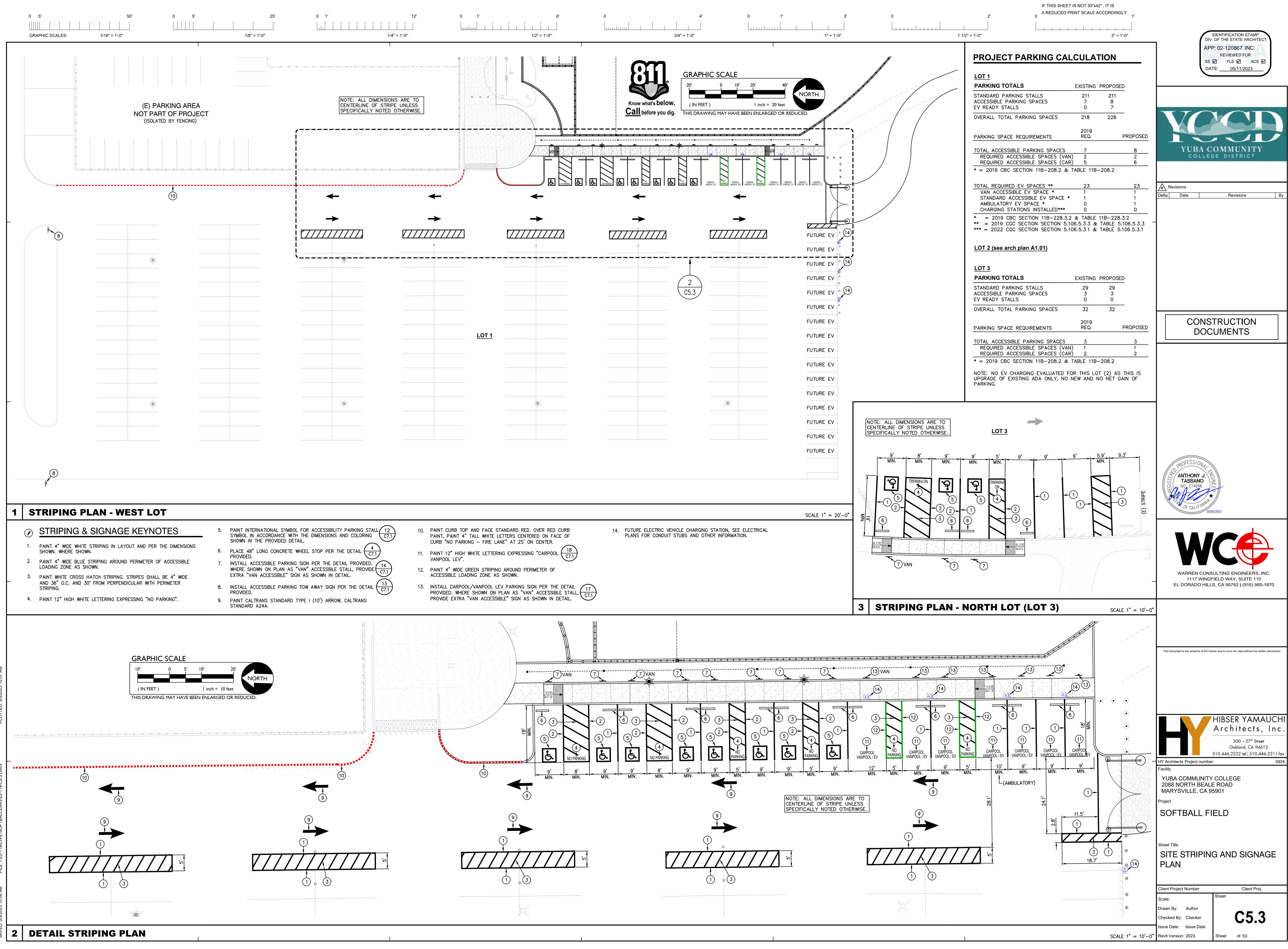


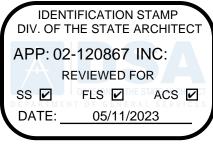


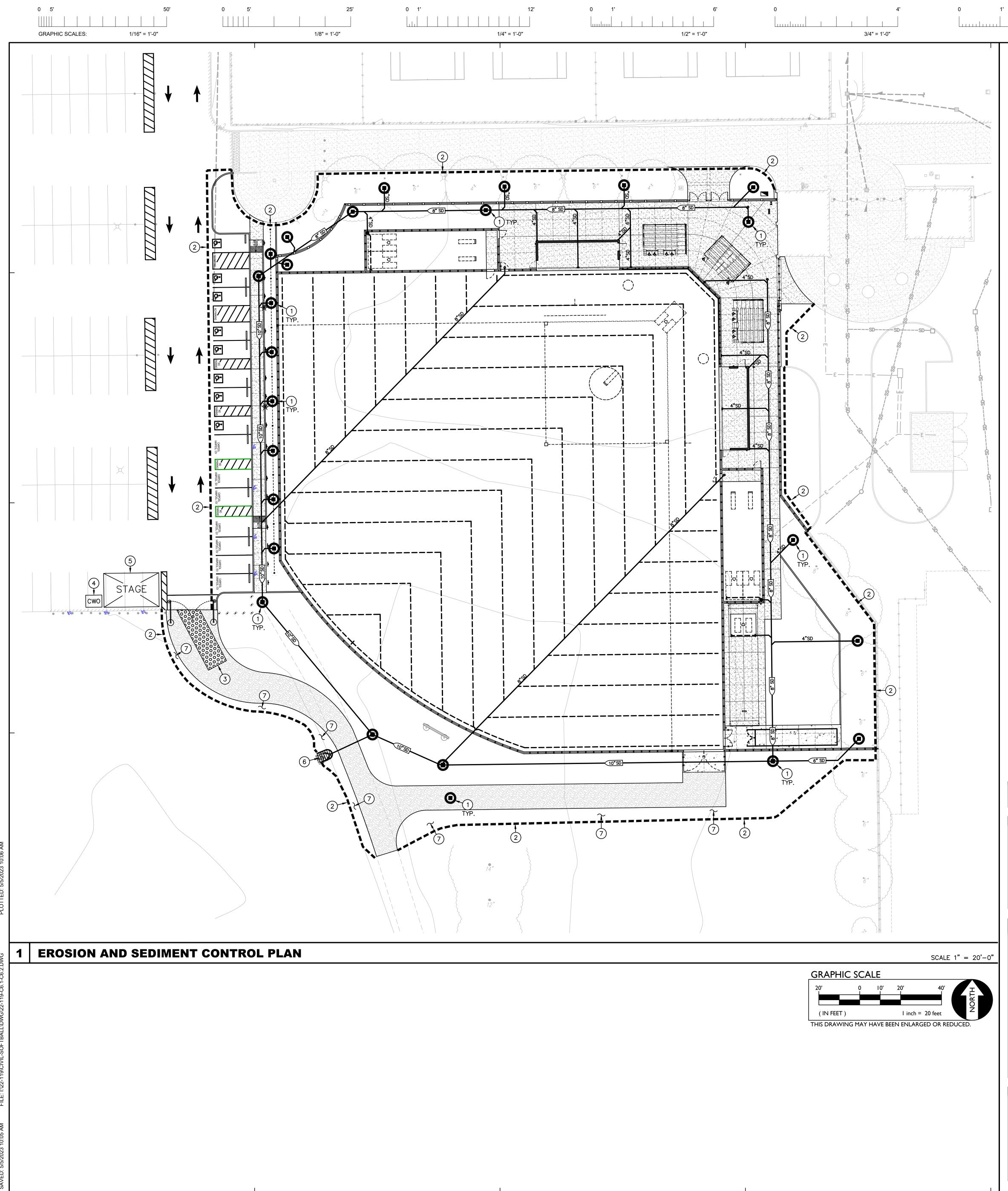
IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT SCALE ACCORDINGLY











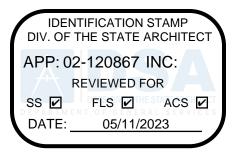
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| 3' 0 | 2' A REDUCED PRINT SCALE ACCORDINGLY 1' | | | | | | | |
|---|---|--|--|--|--|--|--|--|
| 1" = 1'-0" | 1/2" = 1'-0" 3" = 1'-0" | | | | | | | |
| | | | | | | | | |
| LEGEND (#) GENERAL EROSION CONTROL NOT | <u>E3</u> | | | | | | | |
| | T ALL INLETS (NEW AND/OR EXIST.) IN AREAS OF WORK, OR HIN PROPOSED PAVED AREAS, USE STRAW WATTLE FILTERS CE WITH FILTER BAGS PER THE DETAILS PROVIDED. FILTER (6.2) | | | | | | | |
| | CONTRACTOR SHALL PROVIDE STRAW WATTLES AT PERIMETER OF SITE AND IN AREAS REQUIRED TO ELIMINATE OR $(2 \sqrt{SE-5})$ MPEAD THE FLOW OF SEDIMENT. IN PAVED AREAS, WATTLES CAN BE PLACED OVER PAVING AND HELD IN PLACE (6.2) $(6.2$ | | | | | | | |
| 3. CONTRACTOR SHALL PROVIDE STABILIZED CONSTRUCTION CONSTRUCTION ACTIVITIES. | SITE ACCESS PER DETAIL AT LOCATIONS REQUIRED FOR 3 TC-1 C6.2 C6.2 | | | | | | | |
| | ONSTRUCTION ACTIVITIES. | | | | | | | |
| STAGE THE CALIFORNIA STORMWATER QUALITY ASSOCIATION BMP | AREA IN ACCORDANCE WITH ALL APPLICABLE REQUIREMENTS IN SECTION 4 OF P HANDBOOK. SIZE AS NEEDED. AFTER CONSTRUCTION COMPLETE, RETURN AREA MAGED PAVEMENT. HYDROSEED IF NECESSARY COVER ANY UN-SURFACED AREAS. | | | | | | | |
| 6. CONTRACTOR SHALL STABILIZE OUTLET STRUCTURE PER S | STANDARD EC-7 UNTIL FINAL RIP-RAP AND OTHER MEASURES ARE $(EC-7)$ C6.2 | | | | | | | |
| | OPES WHERE NECESSARY TO PREVENT EROSION UNTIL FINAL LANDSCAPING | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | PROJECT INFORMATION | | | | | | | |
| | PROJECT NAME: YUBA COMMUNITY COLLEGE | | | | | | | |
| SEE SHEET C6.2 FOR GENERAL NOTES, DETAILS AND MEASURE IMPLEMENTATION SCHEDULES | SOFTBALL FIELD | | | | | | | |
| | SWPPP REQUIRED: YES | | | | | | | |
| THIS IS NOT A S.W.P.P.P. THE PURPOSE OF THIS PLAN IS TO AID THE CONTRACTOR IN THE | RISK LEVEL: 2 | | | | | | | |
| DEVELOPMENT OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP). WARREN CONSULTING ENGINEERS, INC. ASSUMES NO RESPONSIBILITY FOR THE PREPARATION, IMPLEMENTATION, OR MAINTENANCE OF THE SWPPP. SHOULD A SWPPP NOT BE REQUIRED FOR THIS PROJECT, IT IS STILL THE RESPONSIBILITY OF THE CONTRACTOR TO IMPLEMENT THE APPLICABLE STORMWATER QUALITY | EROSIVITY WAIVER POSSIBLE:YESPARCEL AREA151.58 ACRESON-SITE DISTURBED AREA2.2 ACRESOFF-SITE DISTURBED AREA0.0 ACRESTOTAL DISTURBED AREA2.2 ACRES | | | | | | | |
| BMP'S IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IMPLEMENT HIS/HER OWN METHODS AND PRODUCTS TO COMPLY WITH THESE ORDINANCES. | | | | | | | | |
| | EARTHWORK ESTIMATES | | | | | | | |
| MAP LEGEND | NET FILL QUANTITY CY NET CUT/FILL TBD CY TBD | | | | | | | |
| CONTRACTOR TO ADD TO MAP AS LOCATED IN THE FIELD CONSTRUCTION TRAILER. VEHICLE/EQUIPMENT MAINTENANCE AND FUELING AREA. COVERED WASTE STORAGE (DUMPSTERS). STAGE STAGING AREA MATERIAL STORAGE SP SOIL STOCKPILES. | NOTE: THESE EARTHWORK VALUES ARE ONLY ESTIMATES BASED ON PERFECT CONDITIONS AND ARE INTENDED FOR PLAN CHECK PURPOSES ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CALULATE HIS/HER OWN EARTHWORK VALUES IN PREPARING BIDS. USE OF THESE VALUES FOR BID PURPOSES WILL BE AT YOUR OWN RISK. <u>ON/OFF HAUL GENERAL NOTE</u> IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY AND ALL PERMITS, GRADING, EROSION, OR OTHER, NECESSARY FOR THE SITE IN WHICH SOIL IS ON-HAULED FROM, OR OFF-HAULED TO. LARGE QUANTITIES OF SOUL BEING HAULED MAY BE SUBJECT TO HAUL ROUTE APPROVAL AND SHALL BE DISCUSSED WITH SITE INSPECTOR. IF HAUL ROUTE APPROVAL IS REQUIRED, IT IS THE CONTRACTORS RESPONSIBILITY TO DEVELOP THIS PLAN AND GAIN APPROVAL. | | | | | | | |
| CONCRETE WASHOUT. | | | | | | | | |
| CONTRACTOR GENERAL NOTES 1. ANY CHANGES MADE TO THIS PLAN IN THE FIELD MUST BE SHOWN ON THIS MAP. CONTRACTOR TO UPDATE MAP TO REFLECT CHANGES. | S.W.P.P.P. PREPARED BY (QSD): <u>ANTHONY TASSANO</u> PHONE: (916) 985-1870 S.W.P.P. ENFORCED BY (QSP): | | | | | | | |

| 2. | MAINTENANCE/REF | AIRS O | F BMP | FAILURE | SHALL | BEGIN | WITHIN | 72 | HOUF |
|----|-------------------|--------|-------|---------|-------|-------|--------|----|------|
| | OF IDENTIFICATION | | | | | | | | |
| | NEXT RAIN EVENT. | | | | | | | | |

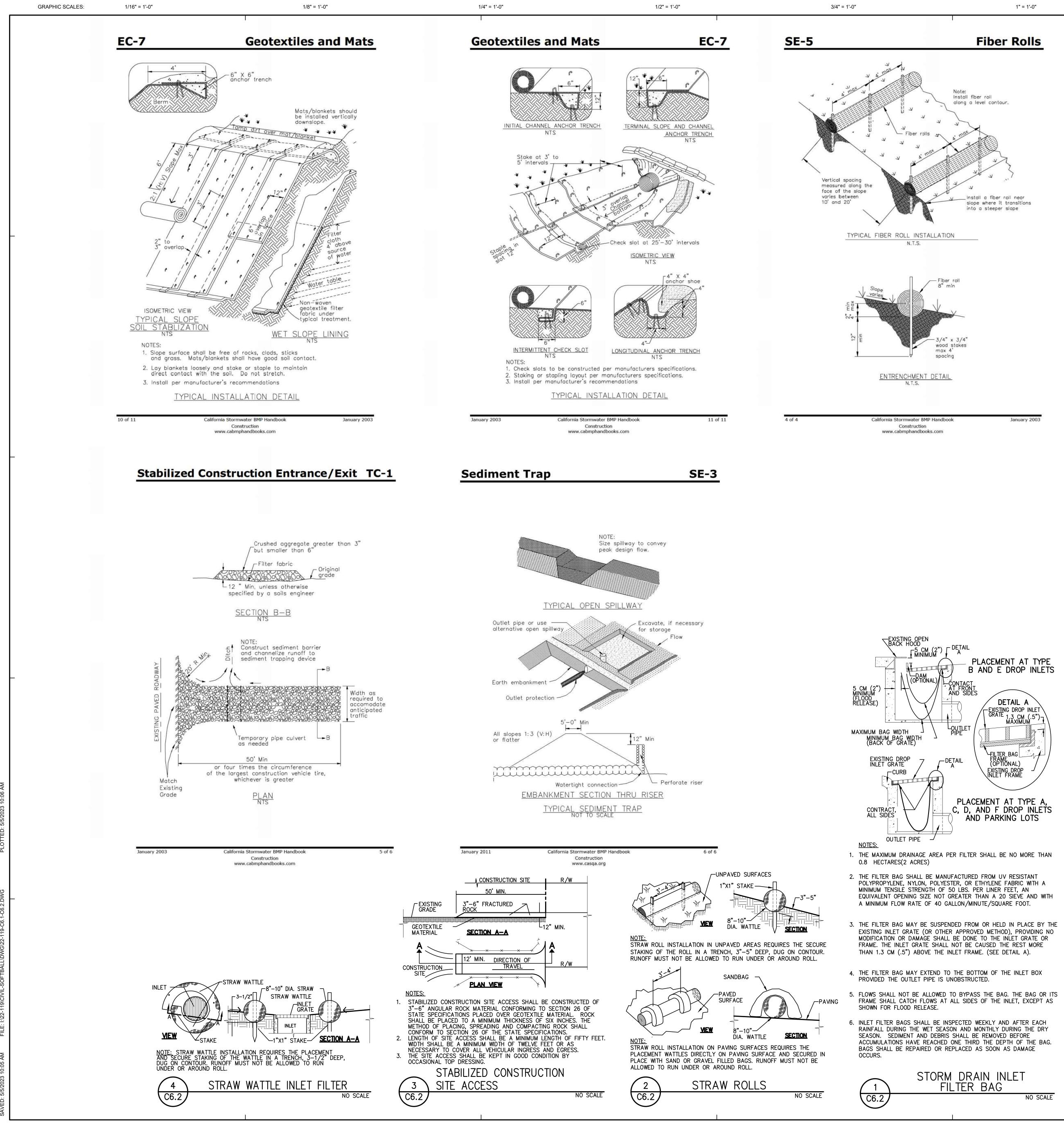
5. SEDIMENT AND EROSION CONTROL MEASURES ON THIS PLAN ARE MINIMUM BMP'S RECOMMENDED FOR COMPLIANCE. CONSTRUCTION SITE MUST BE MONITORED AND BMP'S SHALL BE MODIFIED DEPENDING ON CONSTRUCTION SCHEDULE AND RAIN EVENTS. REFER TO SWPPP.

PHONE: RESPONSIBLE PARTY: TWIN RIVERS UNIFIED SCHOOL DISTRICT CONTACT NAME: Perry Herrera - Director of Facilities Construction & Engineering CONTACT PHONE: 1-916-566-1600 ext. 36205



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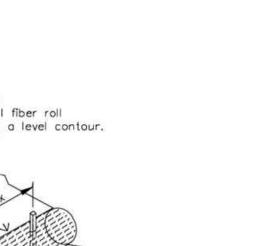


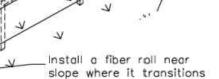


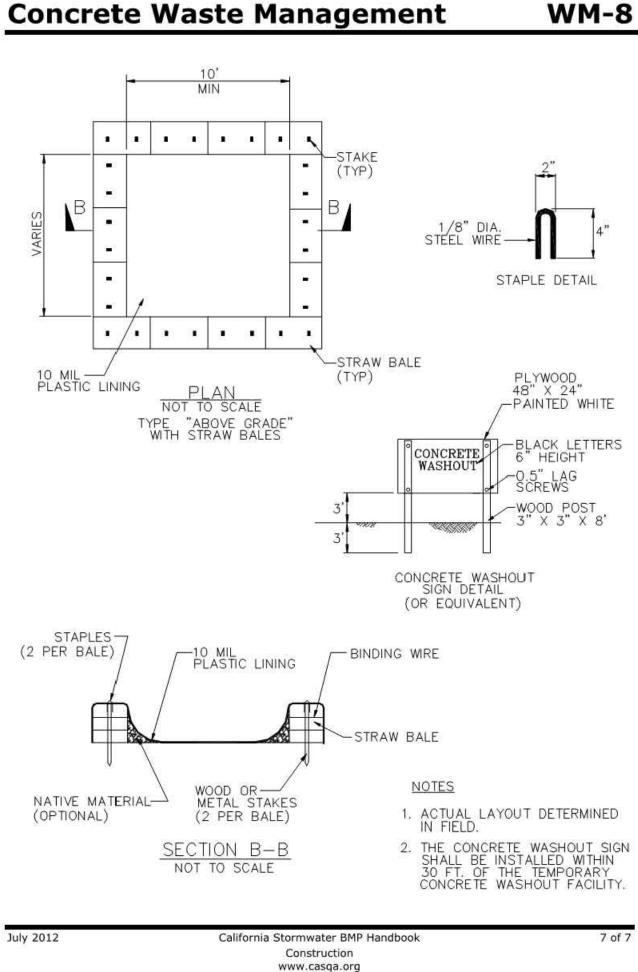
3" = 1'-0"

1 1/2" = 1'-0"

Concrete Waste Management

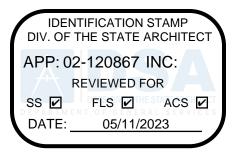




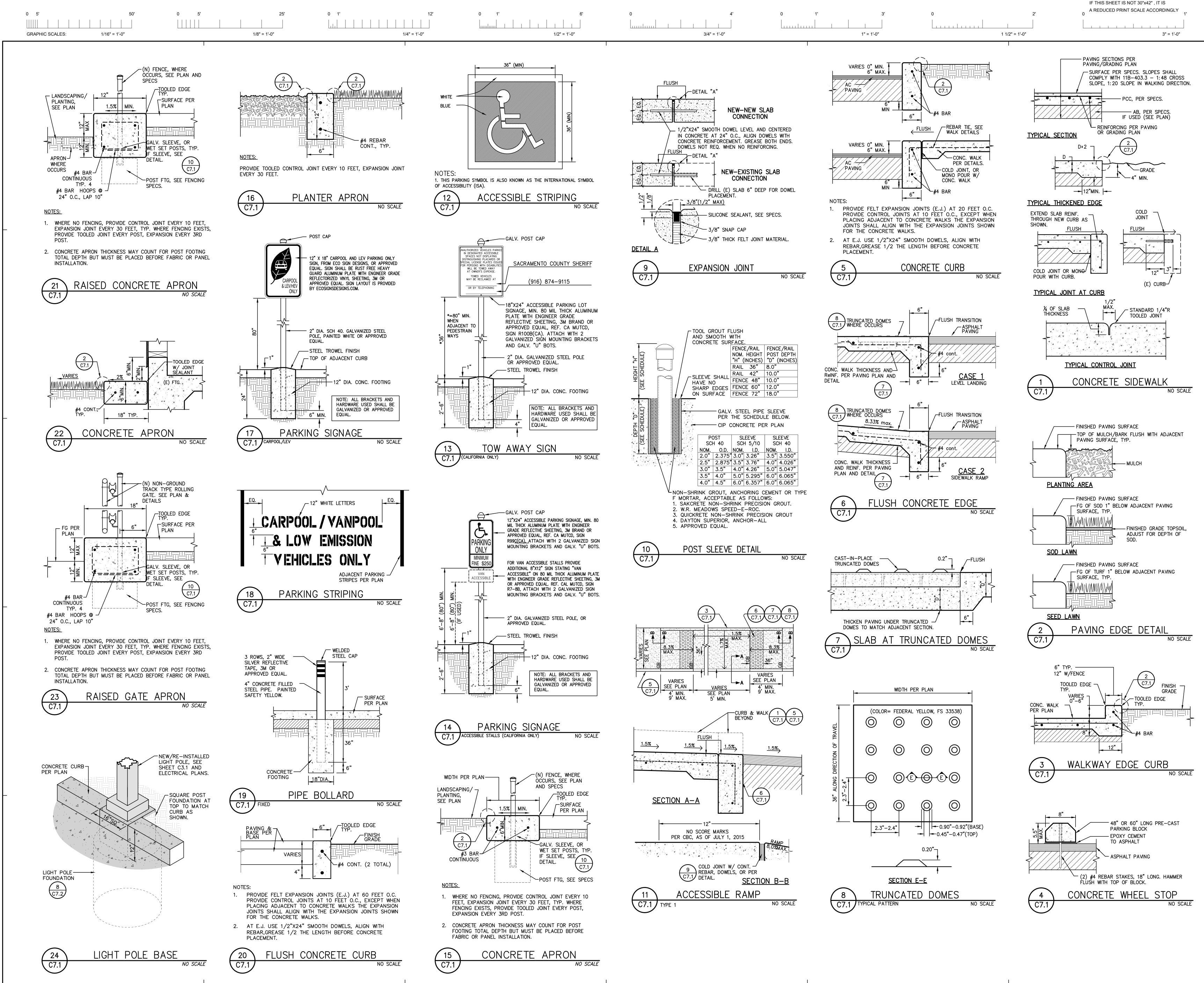


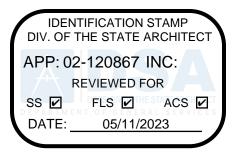
EROSION AND SEDIMENT CONTROL NOTES

- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE EFFECTIVE FOR THE DURATION OF THE CONSTRUCTION ACTIVITY.
- 2. NO STORM RUNOFF WATER SHALL BE ALLOWED TO DRAIN DIRECTLY INTO THE EXISTING UNDERGROUND STORM SYSTEM BEFORE THE ONSITE STORM DRAIN SYSTEM IS INSTALLED.
- 3. AS SOON AS IS PRACTICAL AFTER THE NEW ONSITE STORM SYSTEM IS INSTALLED, THE CATCH BASINS SHALL BE INSTALLED AND BMP'S SHALL BE INSTALLED AS DESCRIBED IN SECTION 19.05, CONSTRUCTION SPECIFICATIONS
- 4. SHOULD THE PROPOSED ONSITE STORM SYSTEM NOT BE INSTALLED BY OCTOBER 1ST, TEMPORARY SEDIMENT BASINS SHALL BE CONSTRUCTED AROUND THE OPENINGS OF ANY EXISTING STORM PIPES THAT DRAIN THE SITE, PER CASQA BMP'S AND STANDARDS OR PER A SPECIAL DETAIL SHOWN ON THE PLAN.
- THE NAME, ADDRESS AND 24-HOUR TELEPHONE NUMBER OF THE PERSON RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE PROVIDED.
- PROVIDE STABILIZED ACCESS 50'MINIMUM LENGTH BY 10'-15'MINIMUM WIDTH. THE MINIMUM DEPTH OF STONES FOR THE ACCESS ROAD SHALL BE 12" OR AS RECOMMENDED BY A SOILS ENGINEER. SELECT ENTRANCE STABILIZATION MATERIALS (AGGREGATE, HMA, CONCRETE GREATER THAN 3"BUT SMALLER THAN 6") BASED ON LONGEVITY, REQUIRED PERFORMANCE AND SITE CONDITIONS. PROPERLY GRADE THE ACCESS AREA TO PREVENT RUNOFF AND DESIGN IT TO SUPPORT THE HEAVIEST VEHICLES IN USE. OTHER MEASURES TO PREVENT TRACKING ONTO ROADWAYS MAY BE USED IF APPROVED BY THE CITY. THIS DOES NOT NEED TO BE DONE AT DRIVEWAYS, WHICH WILL BE CLOSED BY IMMOVABLE BARRICADES DURING CONSTRUCTION.
- ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THE EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS BUT ONLY WITH THE APPROVAL OF OR AT THE DIRECTION OF THE CITY ENGINEER.
- DURING THE RAINY SEASON AS SPECIFIED IN NOTE "1", ALL SIDEWALK AND PAVED AREAS SHALL BE KEPT CLEAR OF EARTH MATERIAL AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT LADEN RUNOFF FROM ENTERING ANY STORM DRAINAGE SYSTEM
- THE EROSION AND SEDIMENTATION CONTROL PLAN COVERS ONLY THE FIRST WINTER DURING WHICH CONSTRUCTION IS TO TAKE PLACE. PLANS ARE TO BE RESUBMITTED PRIOR TO SEPTEMBER 1 OF EACH SUBSEQUENT YEAR UNTIL THE CITY ACCEPTS THE SITE IMPROVEMENTS.
- 10. THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT AND REPAIR ALL EROSION CONTROL FACILITIES AT THE END OF EACH WORK DAY DURING THE RAINY SEASON.
- 11. THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAN OUT SEDIMENT BASINS WHENEVER THE LEVEL OF SEDIMENT REACHES THE SEDIMENT CLEAN OUT LEVEL INDICATED ON THE PLANS.
- 12. THE RESPONSIBILITIES OF THE CONTRACTOR TO PROTECT TEMPORARY BORROW AREAS AND/OR STOCKPILES WITH APPROPRIATE EROSION CONTROL MEASURES SATISFACTORY TO THE CITY ENGINEER.
- 13. THE CLEANING OF PAVED STREETS, DURING AND AT THE COMPLETION OF CONSTRUCTION, SHALL BE PERFORMED WITH MECHANICAL SWEEPERS. THE USE OF WATER TRUCKS TO "WASH DOWN" THE STREET IS PROHIBITED.
- 14. THE EROSION AND SEDIMENTATION CONTROL PLAN, DETAILS, NOTES AND CALCULATIONS IF REQUIRED, MUST BE A PART OF THE PLAN CHECK SUBMITTAL PACKAGE FOR EITHER GRADING PERMIT ONLY OR FINAL SITE APPROVAL. THE DESIGN ENGINEER PRIOR TO PLAN PREPARATION SHOULD CONSULT THE CITY ENGINEER IF THE NEED FOR A SEPARATE PLAN IS IN DOUBT.



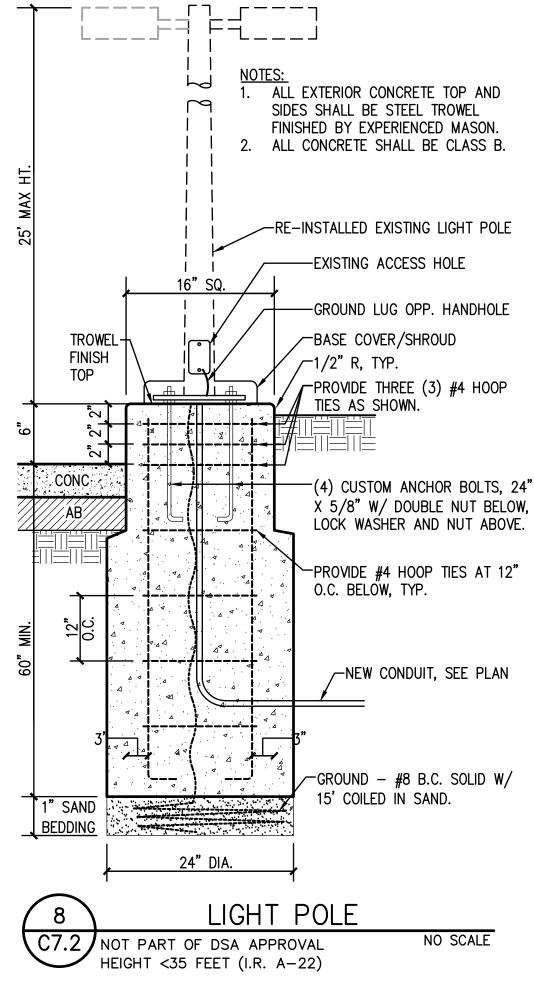


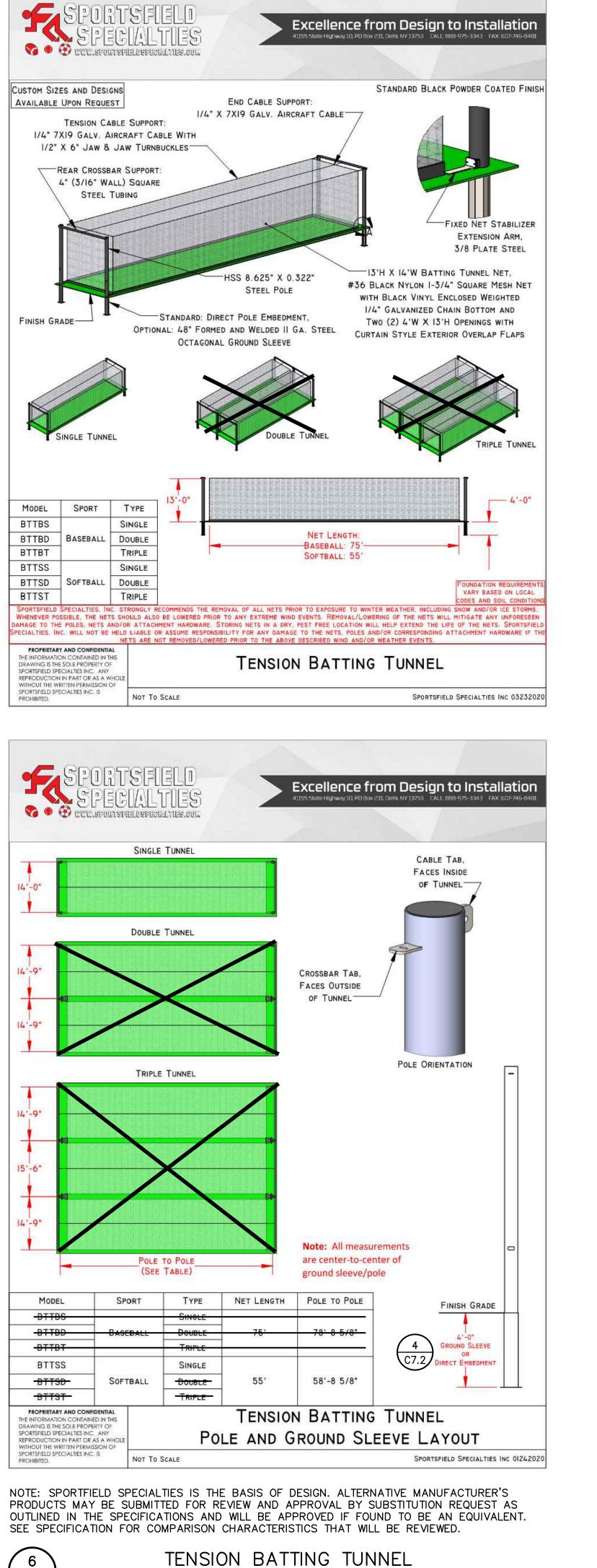


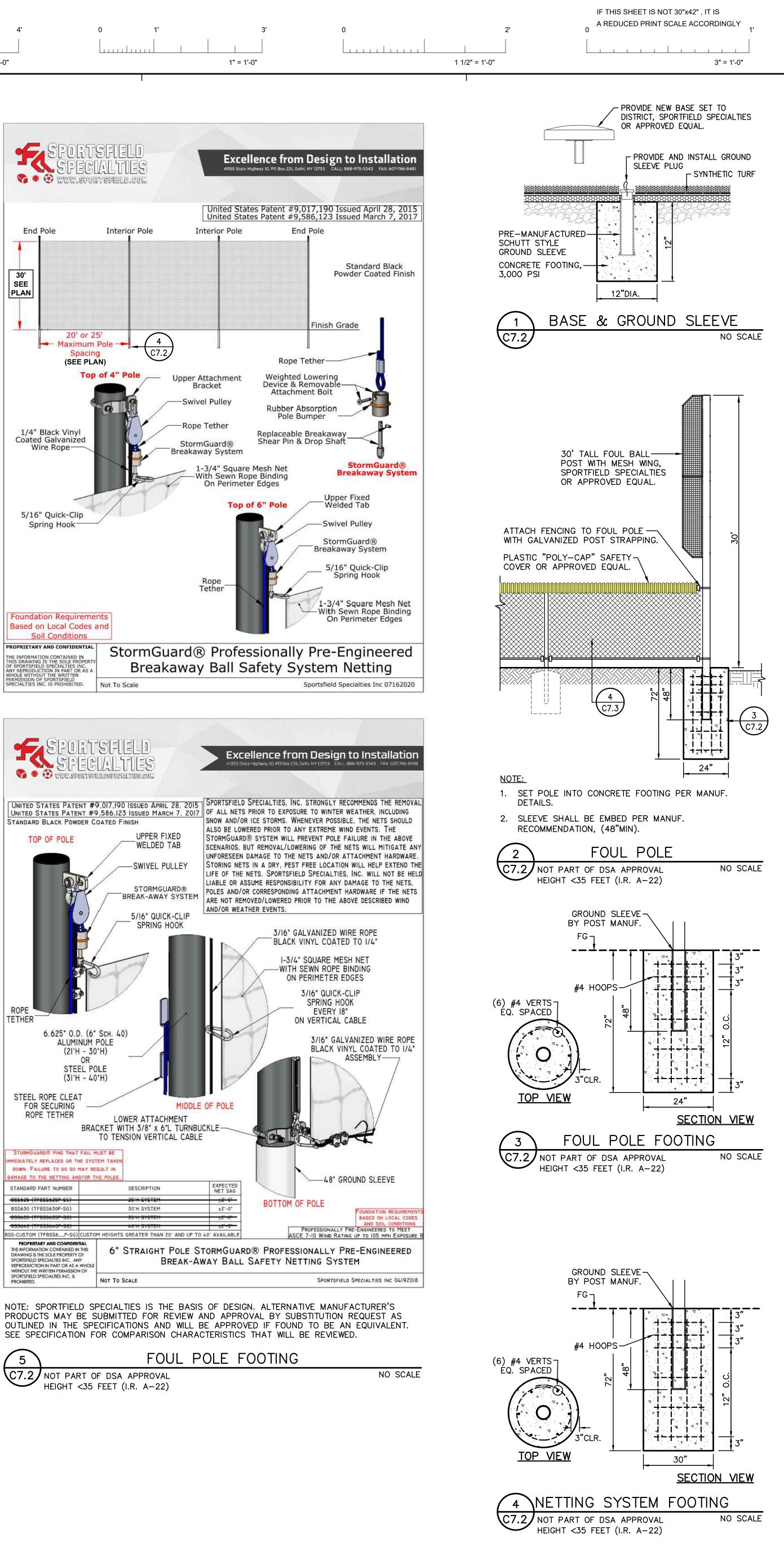








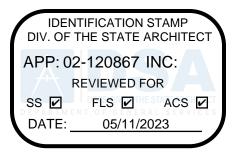




NO SCALE

C7.2 NOT PART OF DSA APPROVAL HEIGHT <35 FEET (1R A=22) HEIGHT <35 FEET (I.R. A-22)

NO SCALE



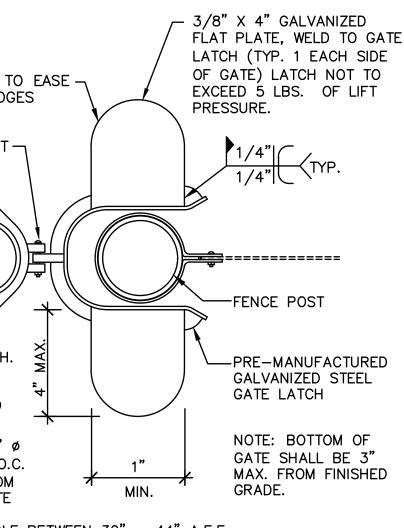


| | | GRIND T ALL EDC |
|---|----------|---|
| | | TACK WELD NUT TO SECURE GATE FRAME |
| _ | | PROVIDE 16 GA. GALV. STEEL KICKPLATES, 10" H. X FULL WIDTH OF GATE |
| | | x FULL WIDTH OF GATE FRAMES, EA. SIDE, WELDED ALL AROUND TO GATE FRAMES. −3/8" Ø BOLT THRU 1/2" GALV. ST'L PIPE AT 8" O. ALONG 2" DISTANCE FROM |
| | | TOP EDGE OF KICK PLATE MOUNT LATCH PADDL |
| | | 6 C7.3 ACCESSIBLE |
| | | |
| _ | | G) |
| | | |
| | | |
| | | A. 4" OD SCH. 40 GALV. ST |
| | | A. 4 OD SCH. 40 GALV. ST B. 3" OD SCH. 40 GALV. ST C. FABRIC TO MATCH ADJOIN D. 1.66" OD SCH. 40 WELDE E. 180 DEGREE PRESSED ST F. MALLEABLE IRON (LOCKANG, ALL CAPS AND FITTINGS H. KICK PLATE PER 5/C7.4. I. 5/16" OD ADJUSTABLE IN |
| _ | | J. 12 GA. ALUMINUM TIES A |
| | | C7.3 ACCESSIBLE NON-EGRE |
| | | |
| | | |
| _ | | () VI (|
| | | |
| | | 16" Increased D |
| | | A – 4" OD SCH. 40 GALV. STE B – 3" OD SCH. 40 GALV. STE C – FABRIC TO MATCH FENCE. D – 1.66" OD SCH. 40 WELDEE E – 180 DEGREE PRESSED STE F – MALLEABLE IRON (LOCKAB |
| 9 | NOT USED | F – MALLEABLE IRON (LOCKAB G – ALL CAPS AND FITTINGS F H – KICK PLATE PER 5/C7.3. I – 5/16" OD ADJUSTABLE INE J – 12 GA. ALUMINUM TIES AT 8 4' SWING C |

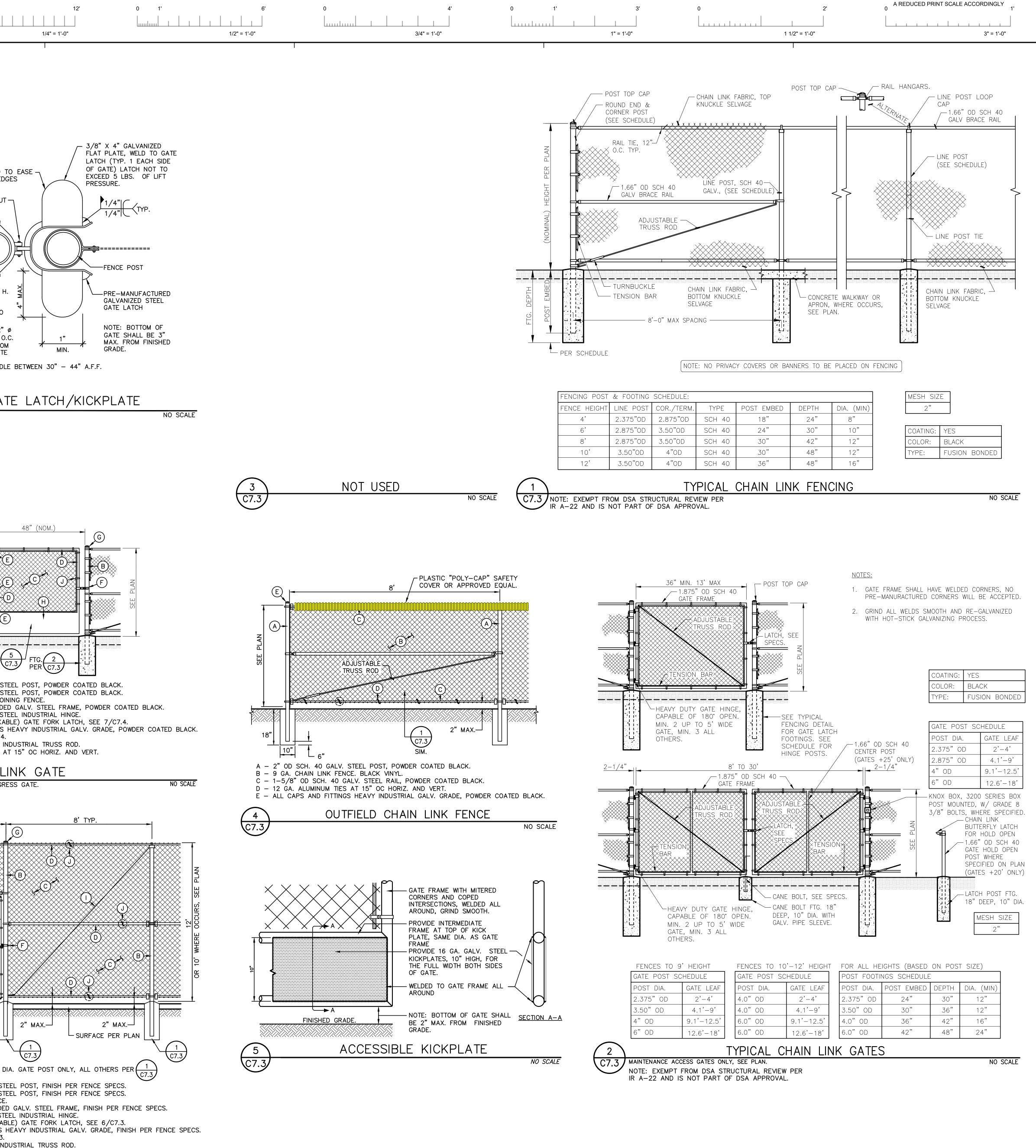
NO SCALE

C7.3

25'

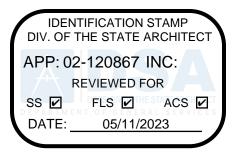


TE LATCH/KICKPLATE



IDUSTRIAL TRUSS ROD. AT 15" OC HORIZ. AND VERT.

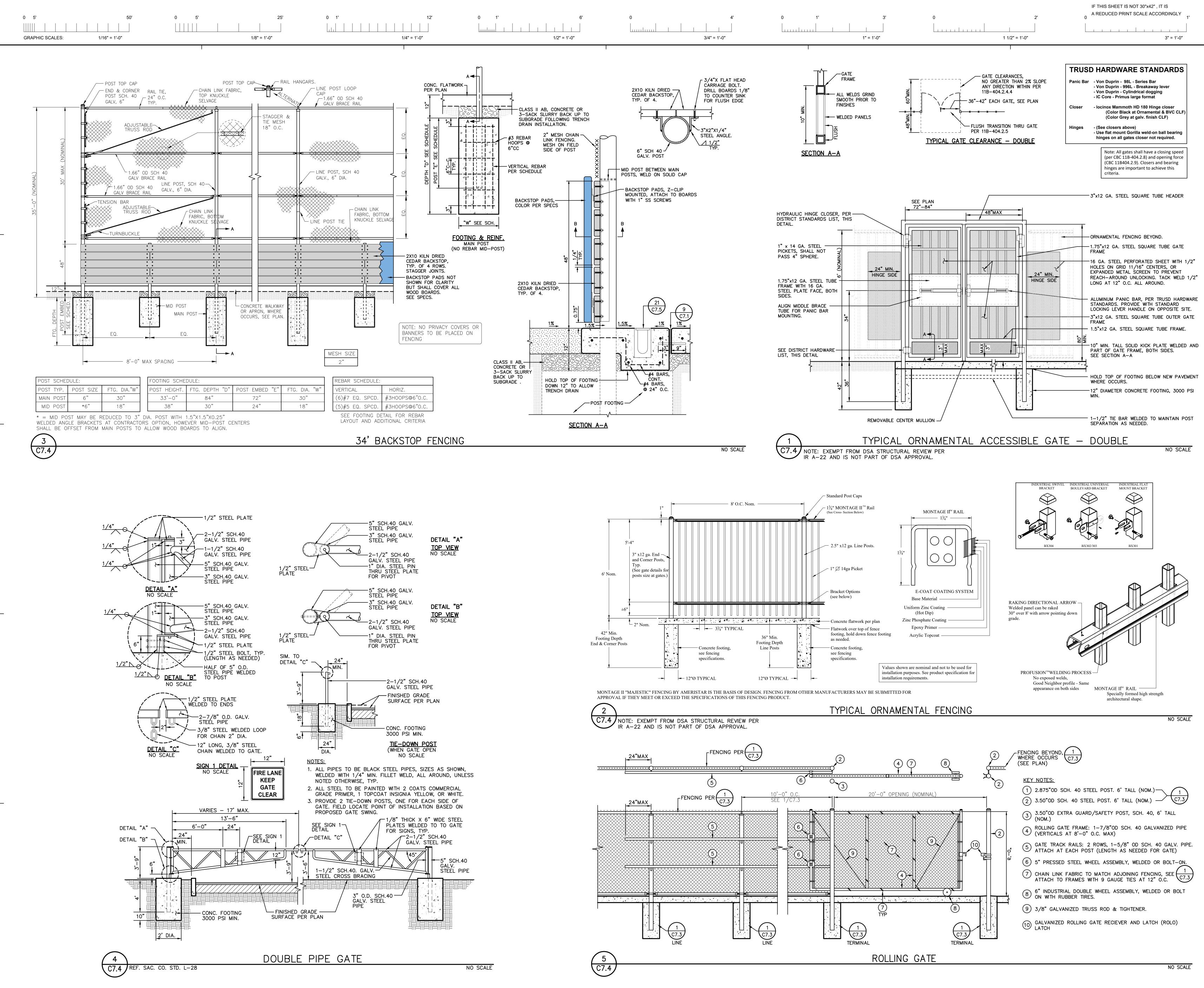
CHAIN LINK GATE IN 12' FENCE C7.3 NOTE: EXEMPT FROM DSA STRUCTURAL REVIEW PER IR A-22 AND IS NOT PART OF DSA APPROVAL. NO SCALE IR A-22 AND IS NOT PART OF DSA APPROVAL.

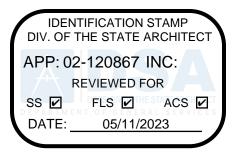


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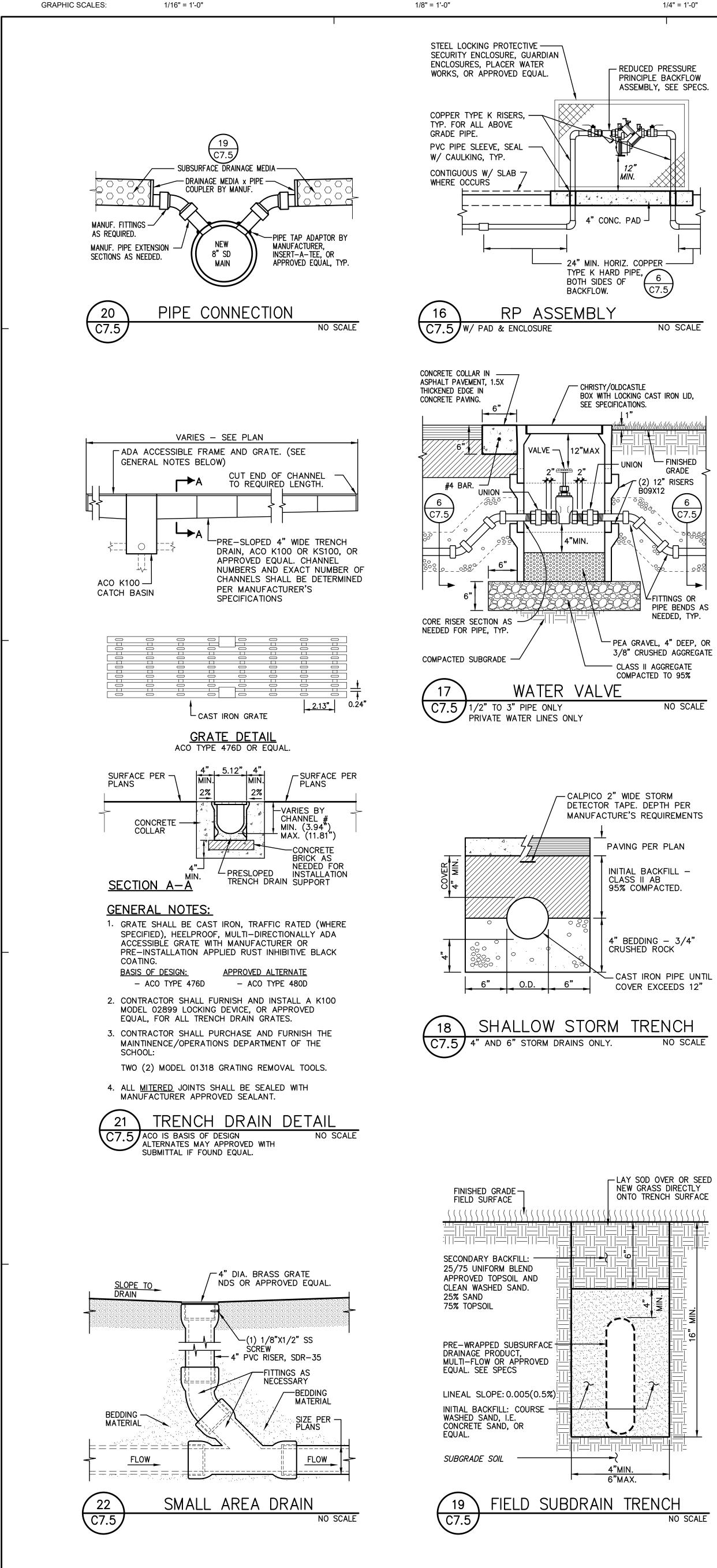


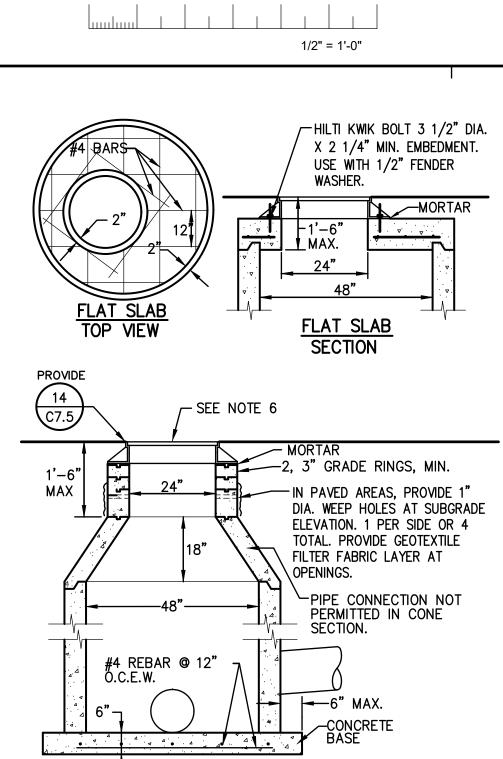










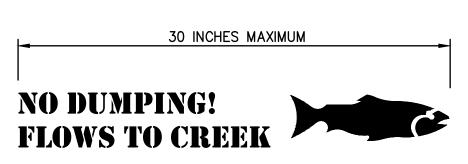


0 1'

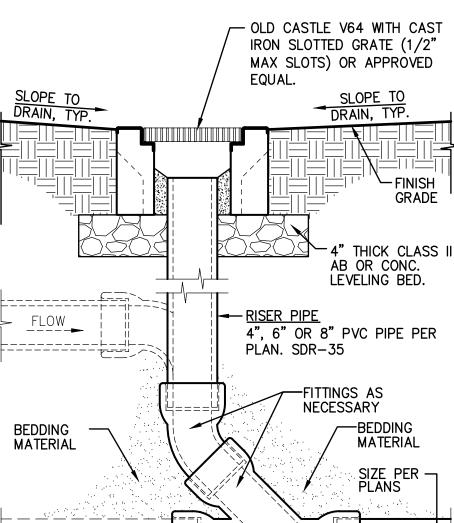
<u>NOTES:</u> 1. RISER SECTIONS, CONES, AND ADJUSTING RING SHALL CONFORM TO ASTM DESIGNATION C-478. 2. FRAME SHALL BE SECURED TO RISER OR FLAT SLAB TOP WITH

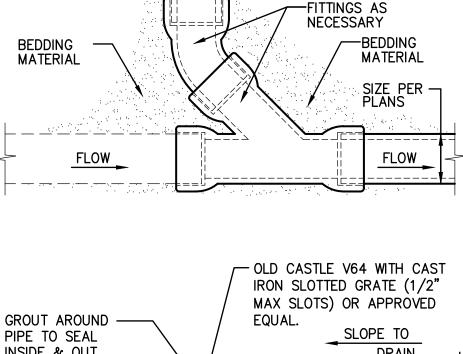
- CEMENT MORTAR. 3. THE CONTRACTOR MAY AT HIS OPTION, CAST THE LOWER PORTION OF MANHOLE IN PLACE. THE CAST-IN-PLACE PORTION
- SHALL NOT BE PLACED HIGHER THAN 6 INCHES ABOVE THE OUTSIDE TOPS OF THE MAIN INCOMING AND OUTGOING PIPES 4. ALL JOINTS SHALL BE SEALED WITH GROUT AND INSIDE OF
- MANHOLE SHALL BE GROUTED SMOOTH.
- 5. FLAT SLAB SHALL BE USED WHEN DEPTH DOES NOT PERMIT USE OF TAPER UNIT. 6. SLOTTED CAST IRON GRATE AND FRAME SHALL BE D&L C2669
- (C2669ADA IN PAVED AREAS) OR APPROVED EQUAL. PROVIDE WITH TWO (2) BOLTS TO BOLT COVER/GRATE TO FRAME. SOLID COVERS TO BE MARKED "STORM DRAIN". ALL CASTINGS TO BE DIPPED IN BLACK BITUMINOUS PAINT.

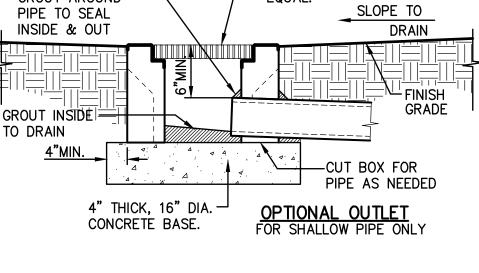




STORMWATER STAMP/PLAQUE 14 C7.5 OTHER STYLES OK WITH APPROVAL NO SCALE





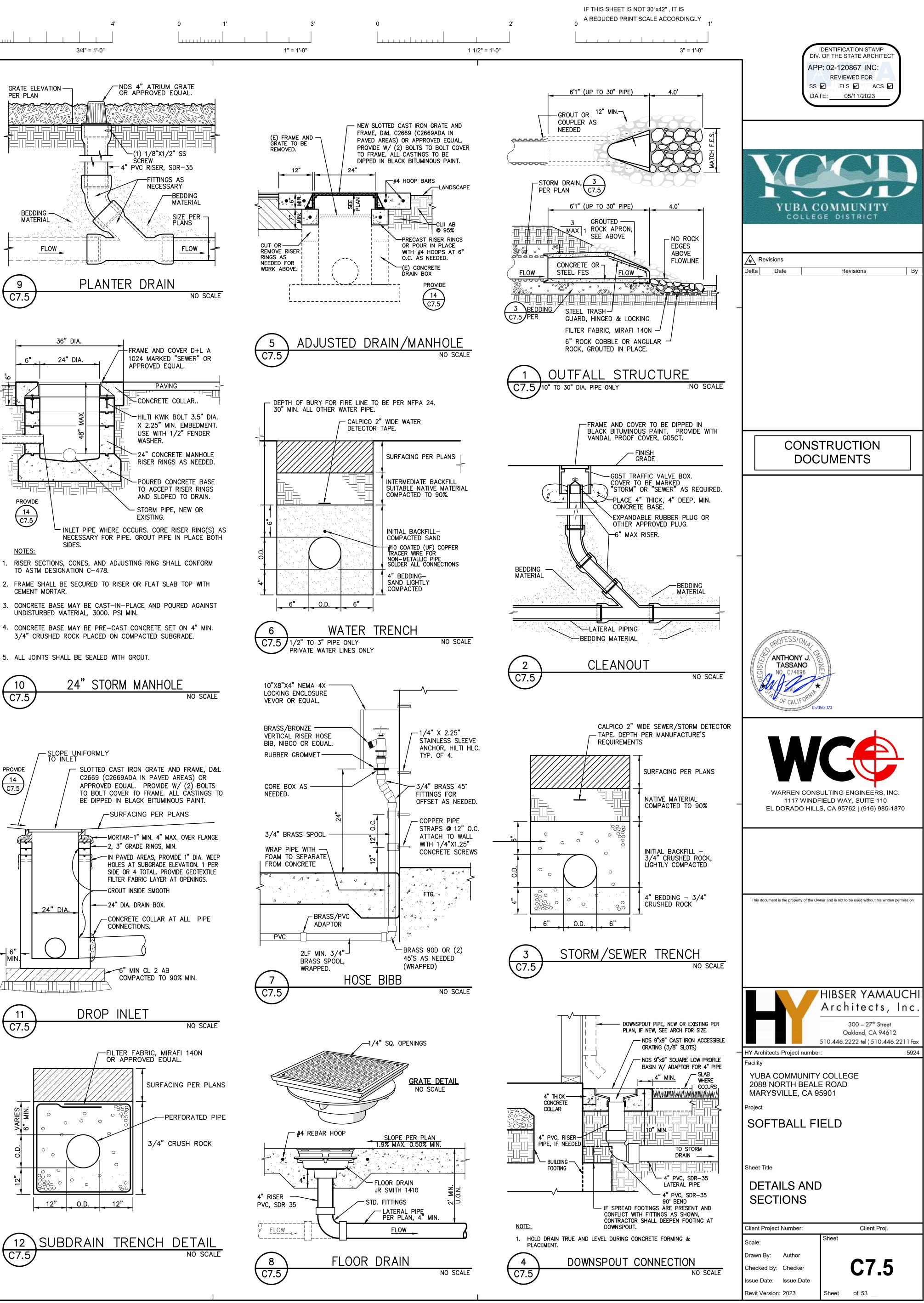


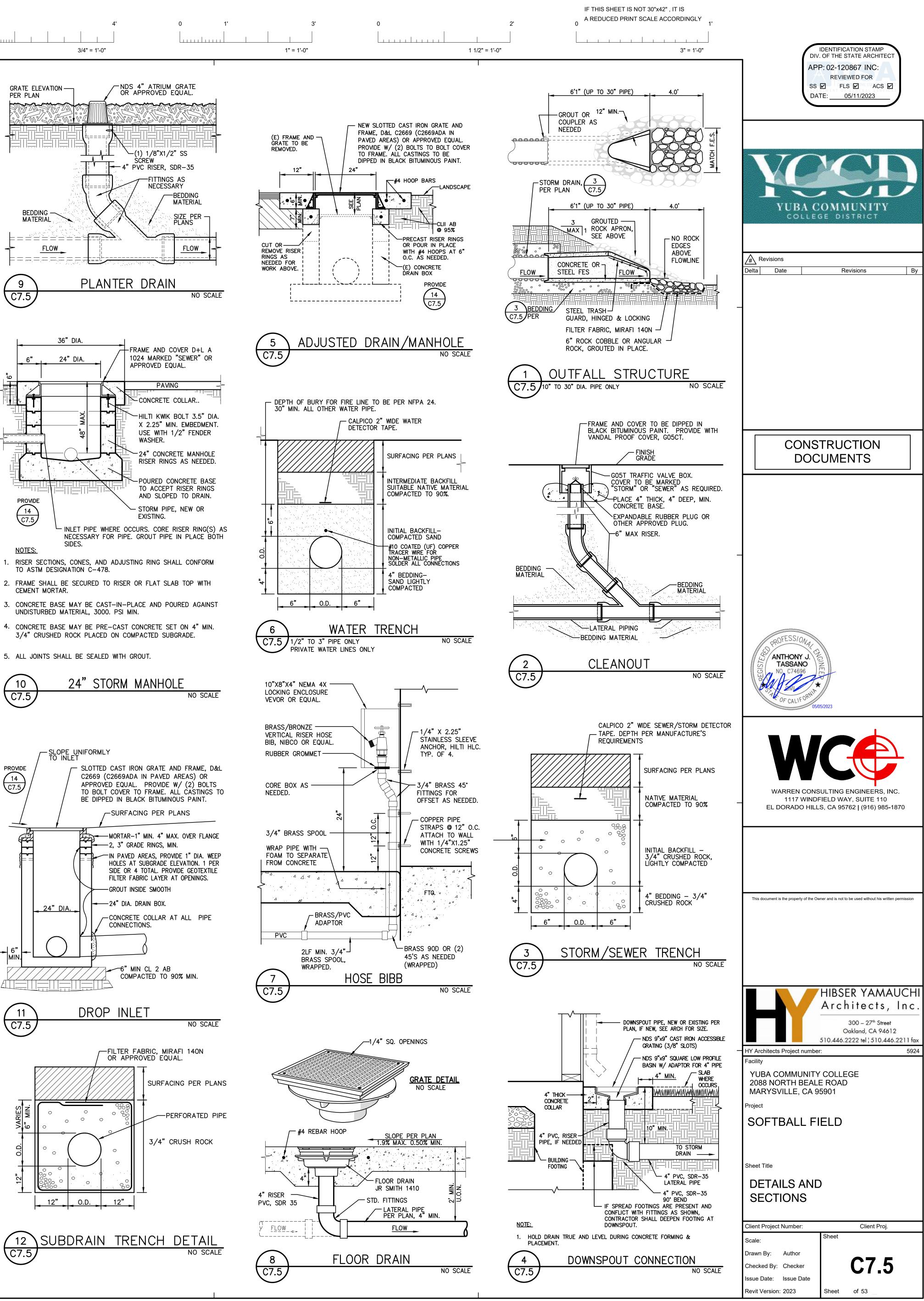


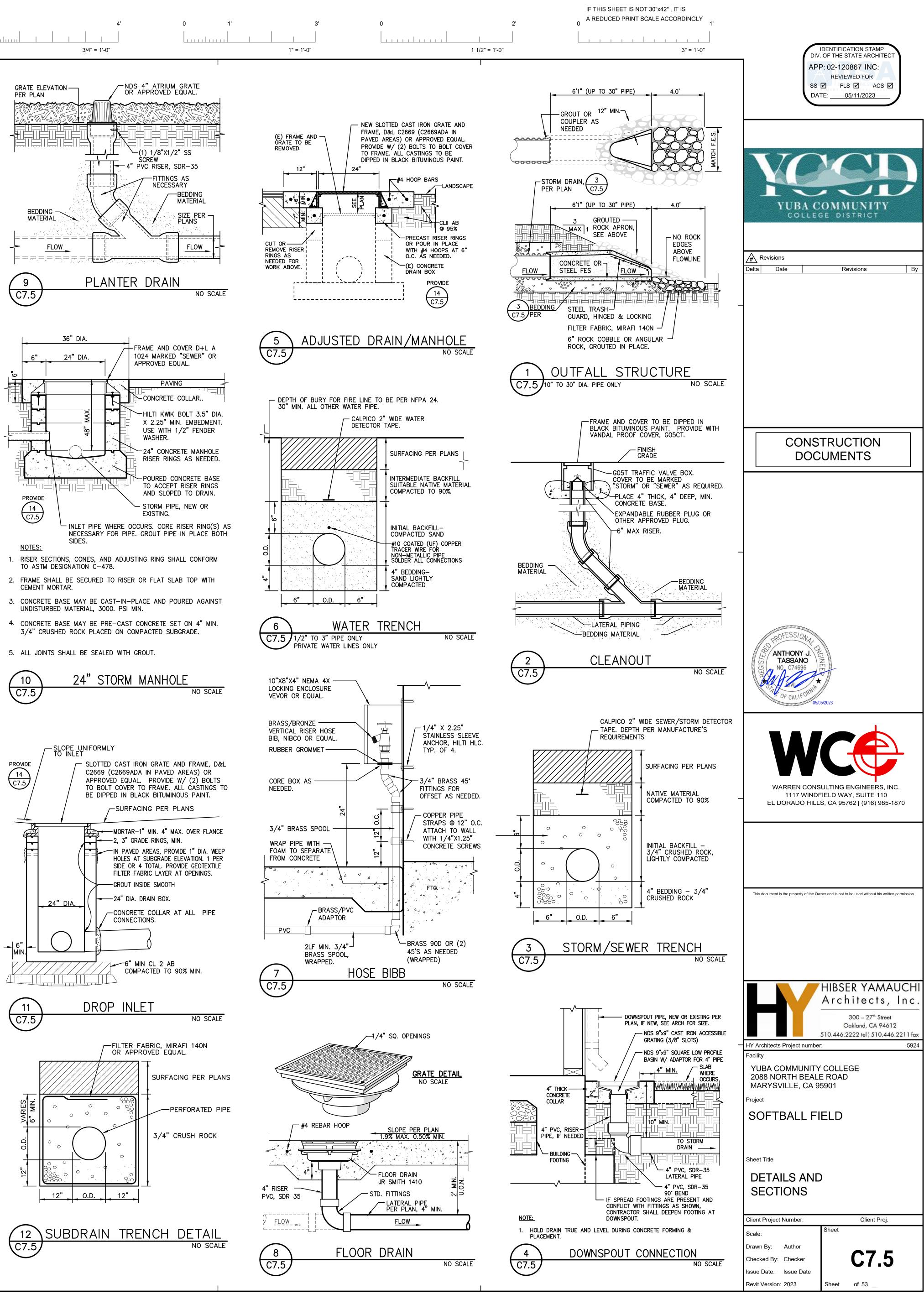
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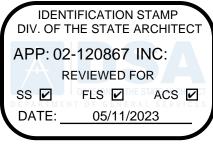
C7.5

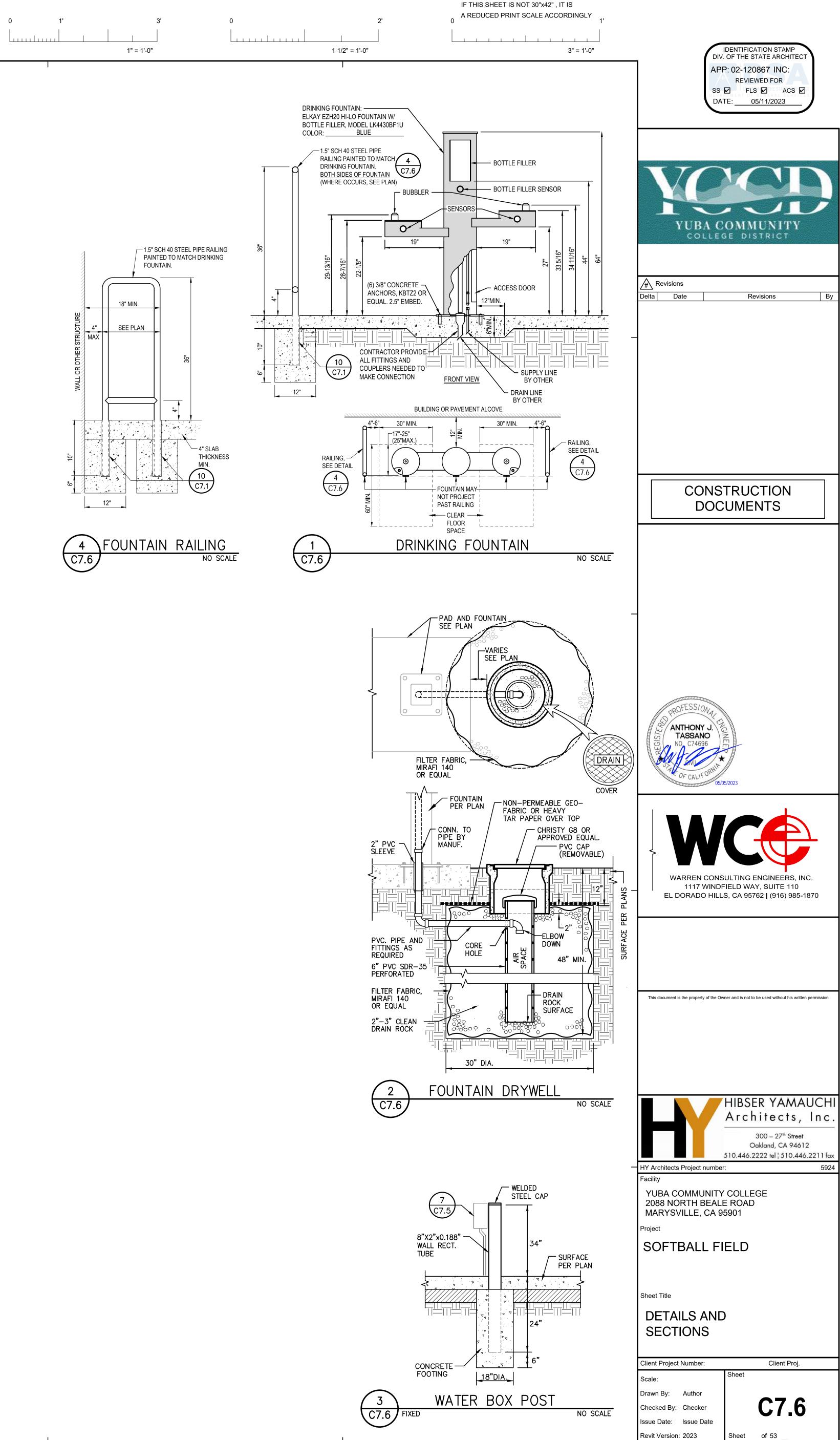


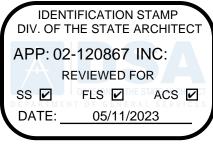


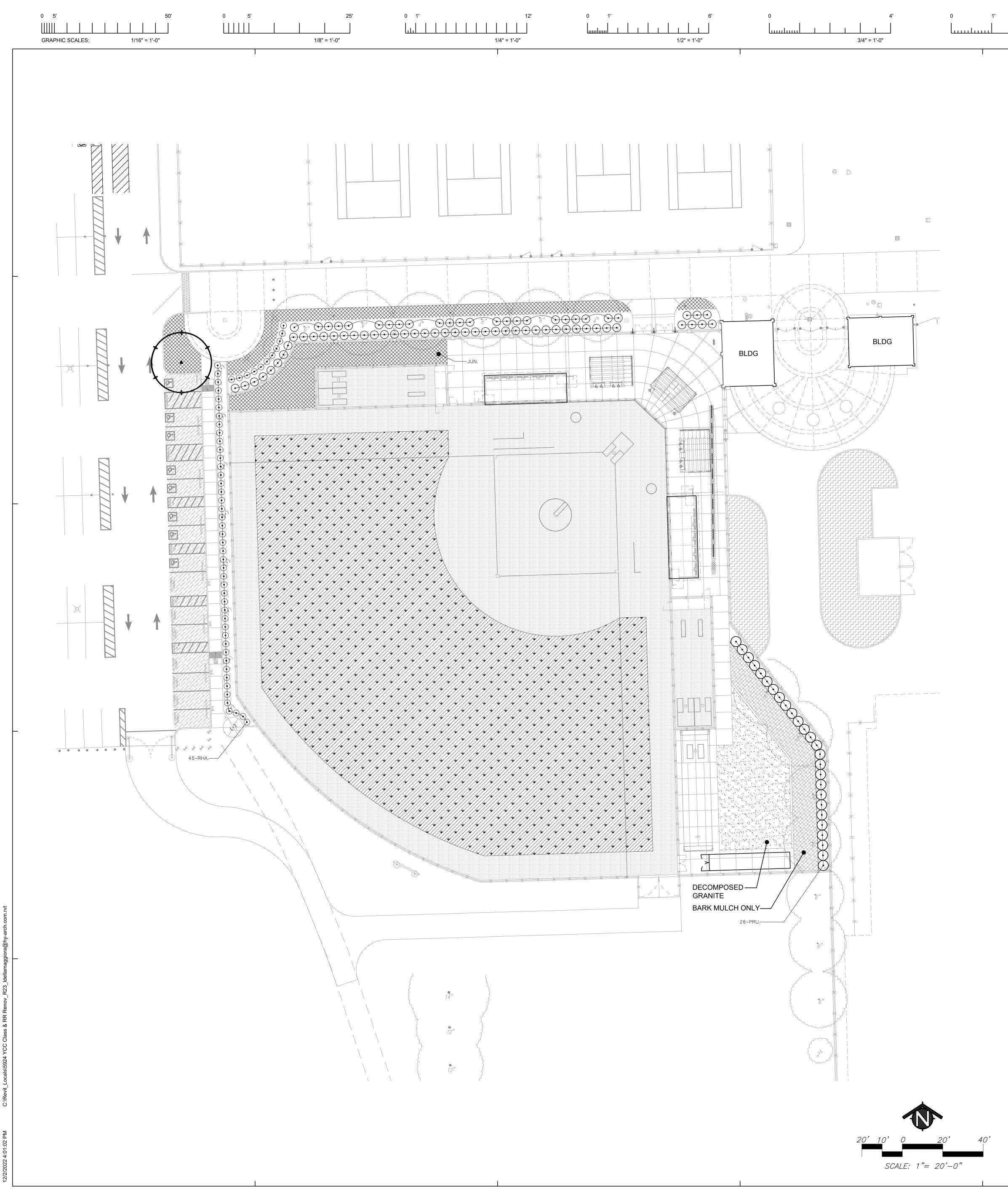








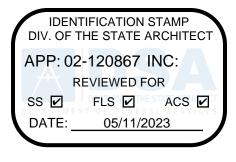


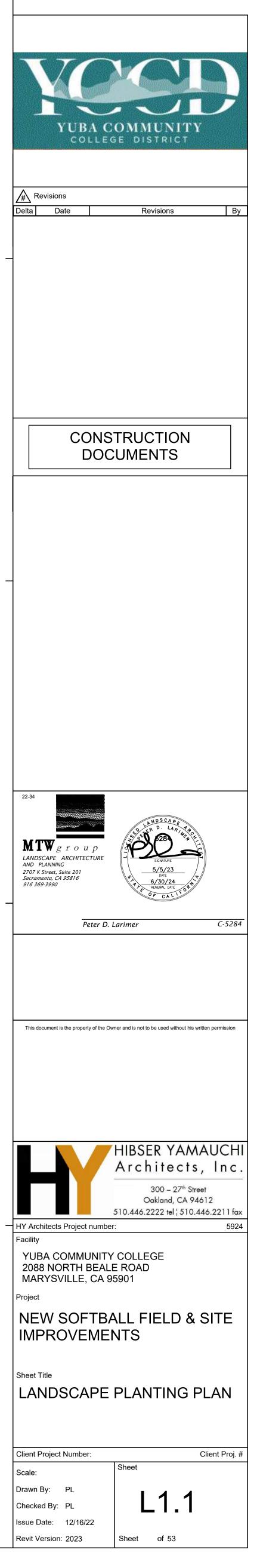


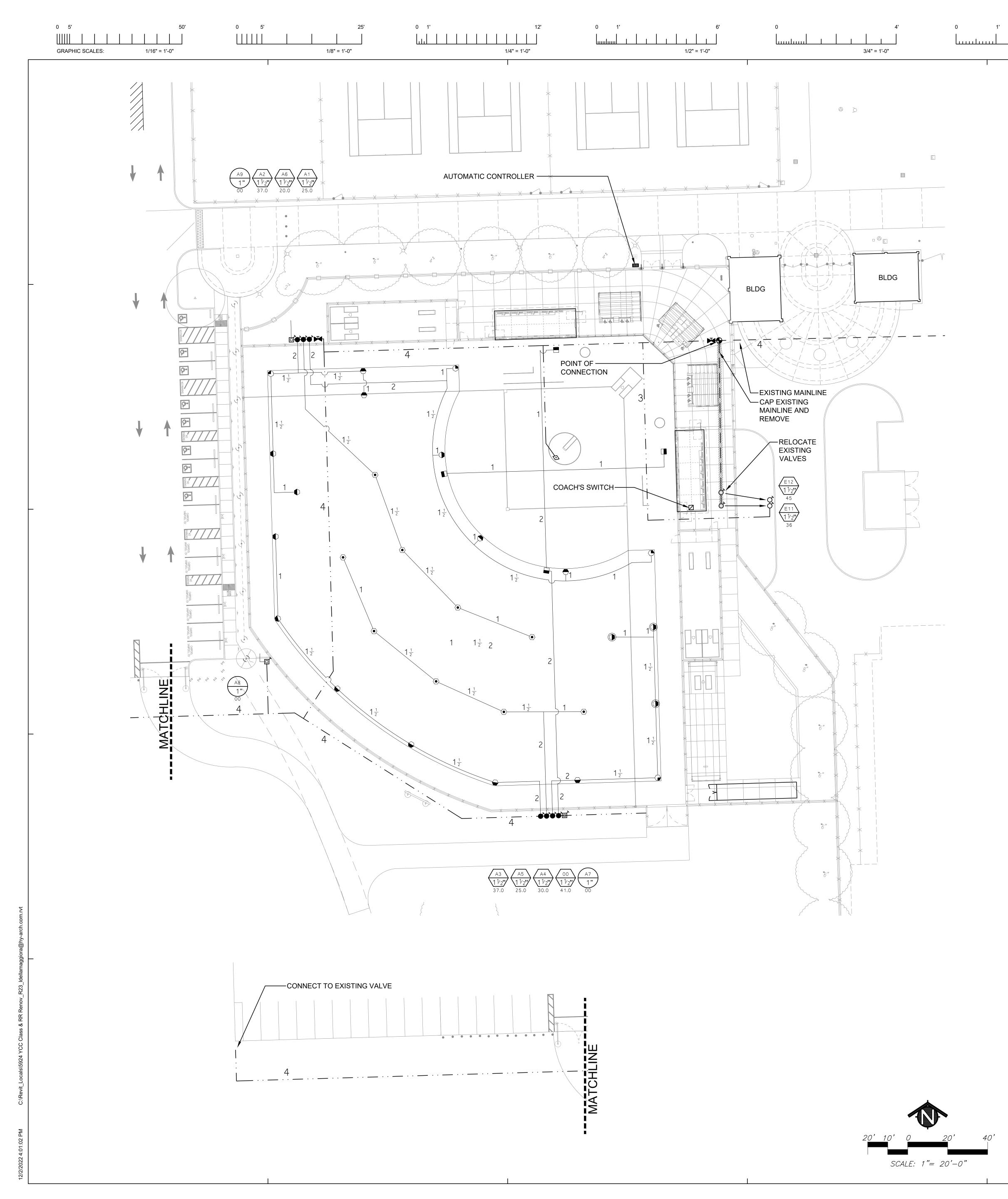
| 1" = 1'-0" | | 1 1/2" = 1'-0" |
|------------|------------------------------|---|
| | KEY | |
| | | TREE |
| | $\odot \odot \odot \bigcirc$ | SHRUBS |
| | v // v //v/ | LAWN (SOD) |
| | | GROUNDCOVER |
| | | BARK MULCH ONLY |
| | | BASEBALL INFIELD MIX |
| | | DECOMPOSED GRANITE |
| | | EXISTING LANDSCAPE AND SPRINKLER AREAS TO REMAIN |
| | 7 - AAA. | PLANT QUANTITY PLANT KEY EXISTING TREES TO REMAIN |

3'

0







3" = 1'-0"

| KEY | SPRINKLER IRRIGATION LEGEND |
|----------------|--|
| | AUTOMATIC CONTROLLER: |
| | RAINBIRD CENTRAL CONTROL SYSTEM: RAINBIRD ESP-LXD IN STRONG BOX TOP ENTRY PEDESTAL CONTRACTOR TO PROVIDE SCHOOL DISTRICT SOFTWARE LICENSE FOR RAINBIRD IQ |
| | SURGE PROTECTOR FOR AUTOMATIC CONTROLLER - RAINBIRD TW-LA-1 LIGHTNING ARRESTOR AND GROUNDING ROD/PLATE TO BE INSTALLED AS PER THE GROUNDING DETAIL. COORDINATE 110V SERVICE AND POWER CONNECTION WITH ELECTRICAL SUB-CONTRACTOR. COORDINATE ETHERNET CONNECTION WITH THE ELECTRICAL SUB-CONTRACTOR. |
| | COORDINATE ETHERNET CONNECTION WITH THE ELECTRICAL SUB-CONTRACTOR. |
| | RAINBIRD CENTRAL CONTROL SYSTEM: RAINBIRD CENTRAL CONTROL SYSTEM: RAINBIRD CENTRAL CONTROL SYSTEM: |
| • | POINT OF CONNECTION: IRRIGATION SYSTEM OPERATING WATER PRESSURE: 80 PSI MAXIMUM FLOW IS 41 GPM |
| | CONTRACTOR SHALL LOCATE EXISTING 4" IRRIGATION MAINLINE CONNECT AT THIS POINT AND EXTEND AS INDICATED ON DRAWINGS. |
| M | GATE VALVE: |
| | TYPE: 3" SIZE AND SMALLER: LEEMCO LGT-XXSS THREADED WITH A NON-RISING STEM AND HANDWHEEL. 4" SIZE AND LARGER: LEEMCO LMV-XXFF FLANGED WITH A NON-RISING STEM AND OPERATING NUT. LEEMCO LMV-XXBB BELL WITH A NON-RISING STEM AND OPERATING NUT. |
| | GATE VALVE INSTALLLED IN A VALVE BOX WITH TOP OF BOX SET FLUSH TO FINISH GRADE. GATE VALVE TO BE LINE SIZE. |
| <u> </u> | PRESSURE MAIN LINE: |
| | TYPE: 3" SIZE AND SMALLER: ASTM D1785, PVC SCHEDULE 40. 4" SIZE AND LARGER: ASTM D1784 C900, DR 14, RUBBER GASKETED WITH LEEMCO FITTINGS TRENCH DEPTH: IN PLANTED AREAS: 24" MINIMUM COVER. |
| | UNDER PAVED AREAS: 24" MINIMUM COVER. PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT. |
| | LATERAL LINE: TYPE: |
| | ASTM D1785, PVC SCHEDULE 40, SOLVENT WELD ALL UNSIZED PIPE SHALL BE 3/4" SIZE. TRENCH DEPTH: IN PLANTED AREAS: POP-UP SPRAY HEADS - 12" MINIMUM COVER. ROTOR HEADS: - 18" MINIMUM COVER. |
| | BUBBLER HEADS: - 12" MINIMUM COVER. UNDER PAVED AREAS: 24" MINIMUM COVER. PVC SCHEDULE 40 SLEEVES ARE REQUIRED FOR ALL PIPING UNDER PAVEMENT. |
| ● [×] | AUTOMATIC CONTROL VALVE: RAINBIRD PESB-PRS-D SERIES WITH RAINBIRD FD-101TURF SINGLE STATION DECODER |
| • | VALVE SHALL HAVE PRESSURE REGULATION OPTION. |
| ♦ | QUICK COUPLER VALVE: RAINBIRD 44NP VALVES SHALL HAVE LOCKING RUBBER COVERS, INSTALLED IN VALVE BOXES. TOP OF VALVE BOX SHALL HAVE BOLT DOWN LID AND TOP SET LEVEL TO FINISH GRADE. |
| | LAWN POP-UP ROTOR HEADS: |
| | FULL CIRCLE RAINBIRD: 5006-FC-SAME-SS-4.0 (65 PSI) HALF CIRCLE |
| | RAINBIRD: 5006-PC-SAM-SS-6.0 (65 PSI), 5006-PC-SAM-SS-4.0 (65 PSI) QUARTER CIRCLE RAINBIRD: 5006-PC-SAM-SS-6.0 (65 PSI) |
| | INFIELD POP-UP ROTOR HEADS: |
| - | HALF CIRCLE RAINBIRD: 8005-SS-10 (60 PSI) |
| ۵` | AUTOMATIC DRIP IRRIGATION VALVE/FILTER/PRESSURE REGULATOR: RAINBIRD CONTROL ZONE KIT MODEL XCZ-100-PRB-COM |
| • | WITH RAINBIRD FD-101TURF SINGLE STATION DECODER SHRUB BUBBLER: |
| | HUNTER HEB-20 EMITTER WITH SCREEN CV. |
| | |

3'

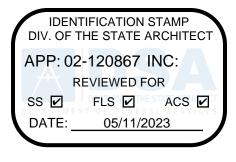
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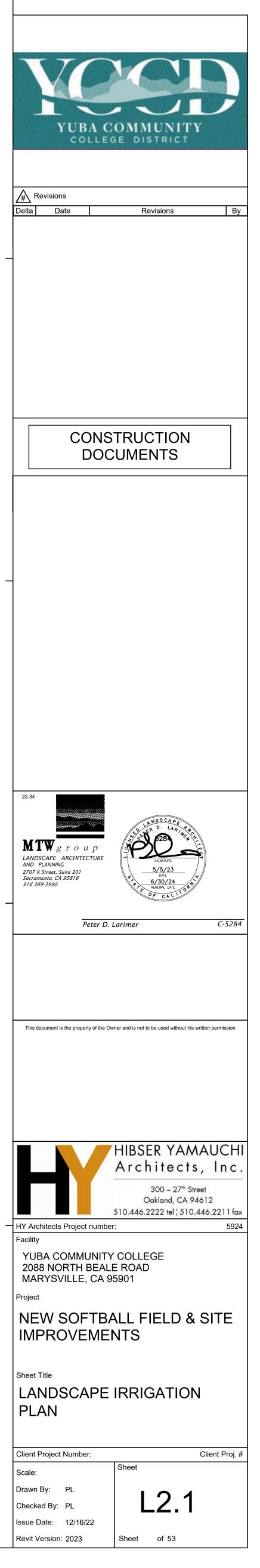
1" = 1'-0"

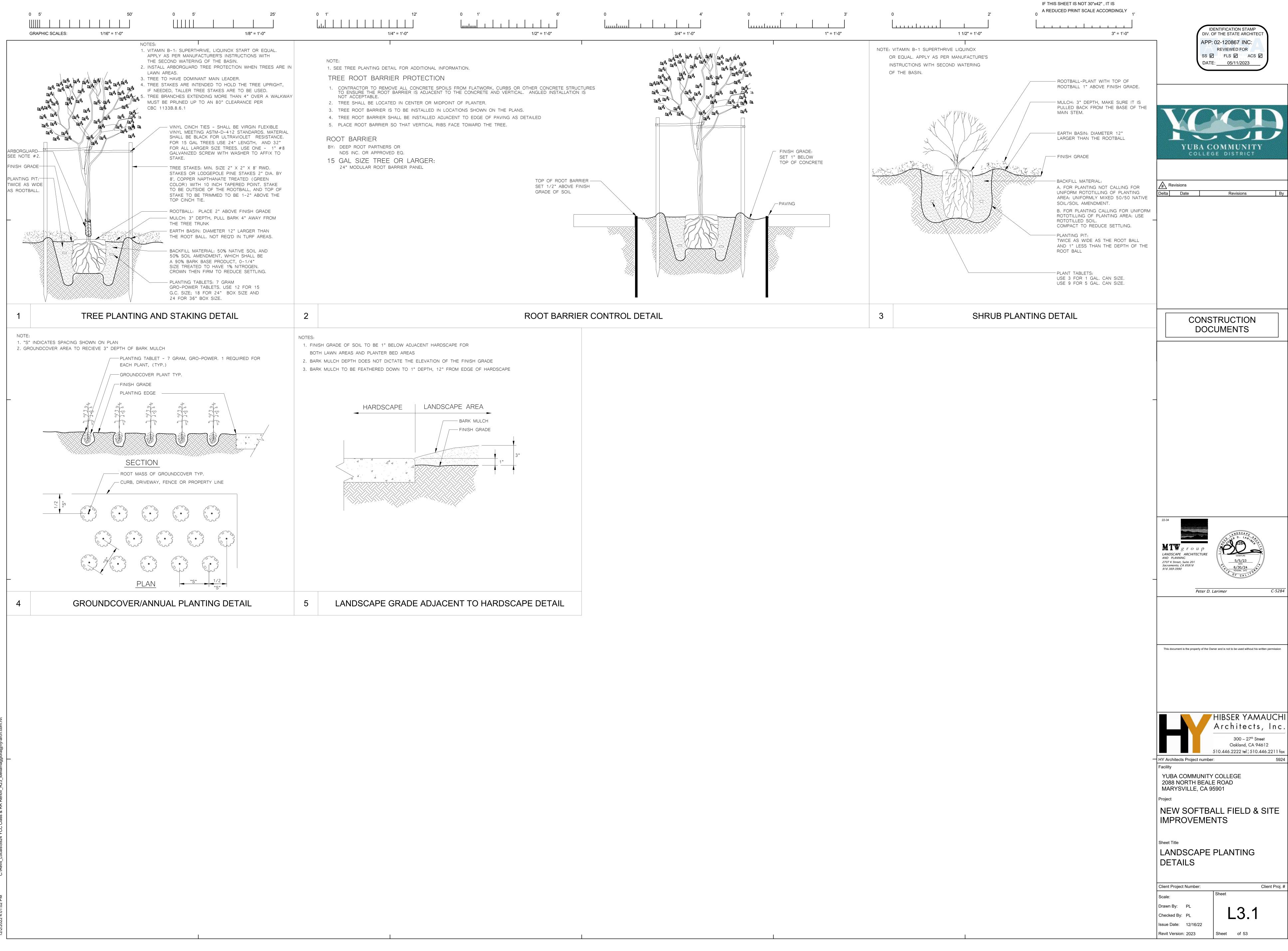
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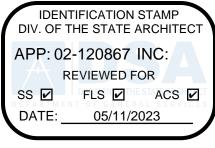
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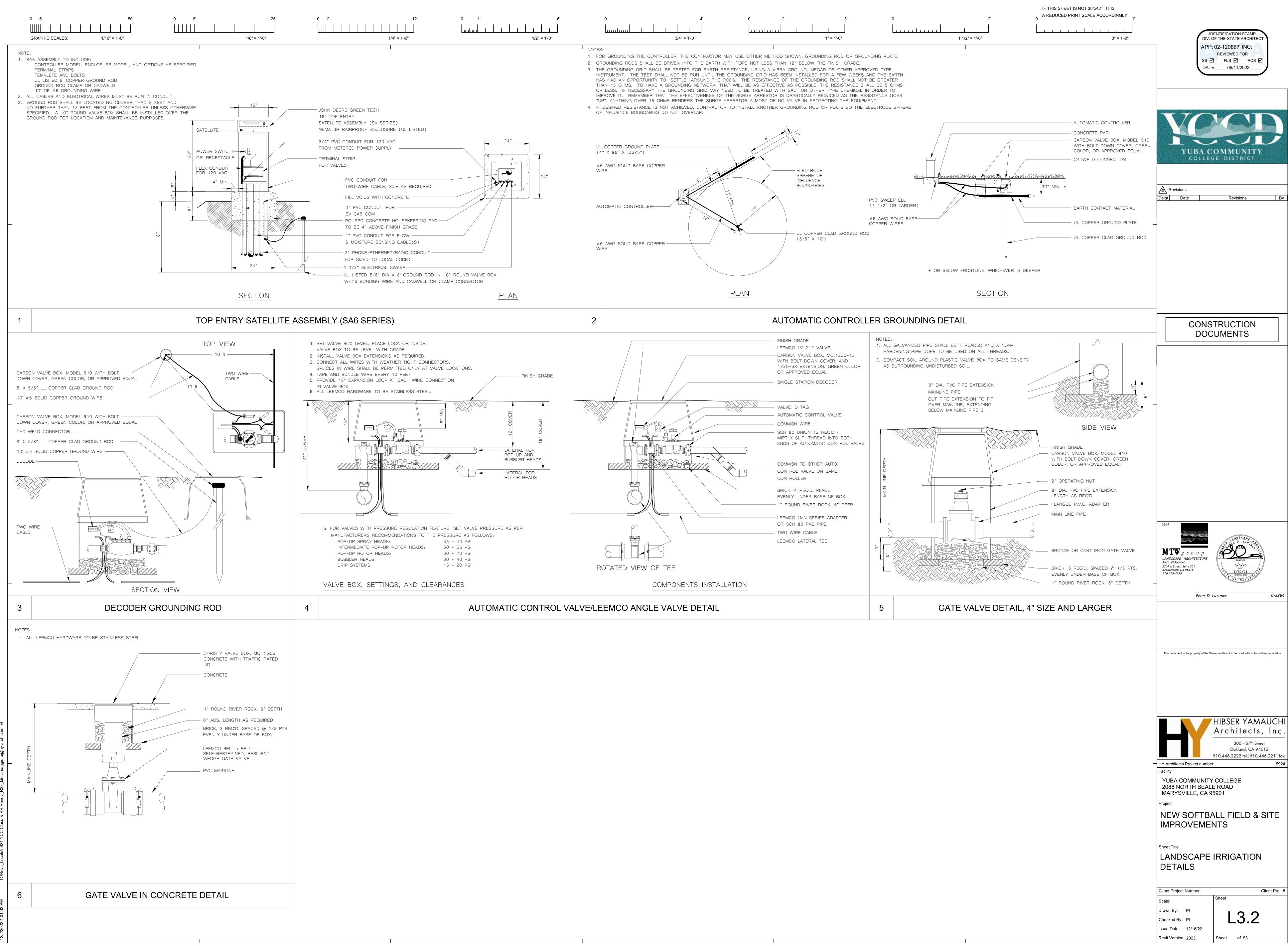
1 1/2" = 1'-0"

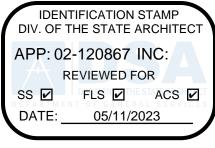


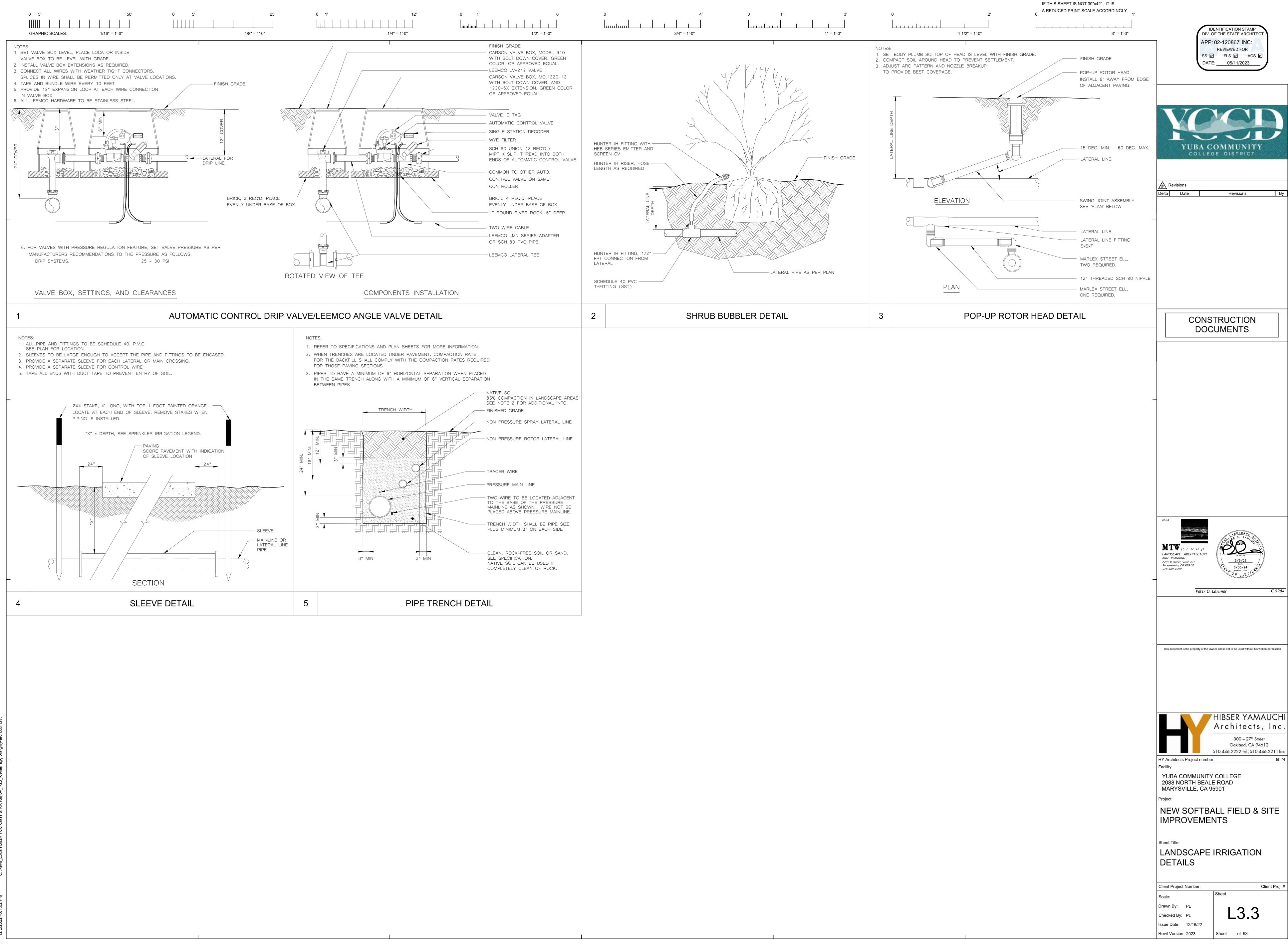


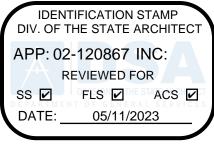


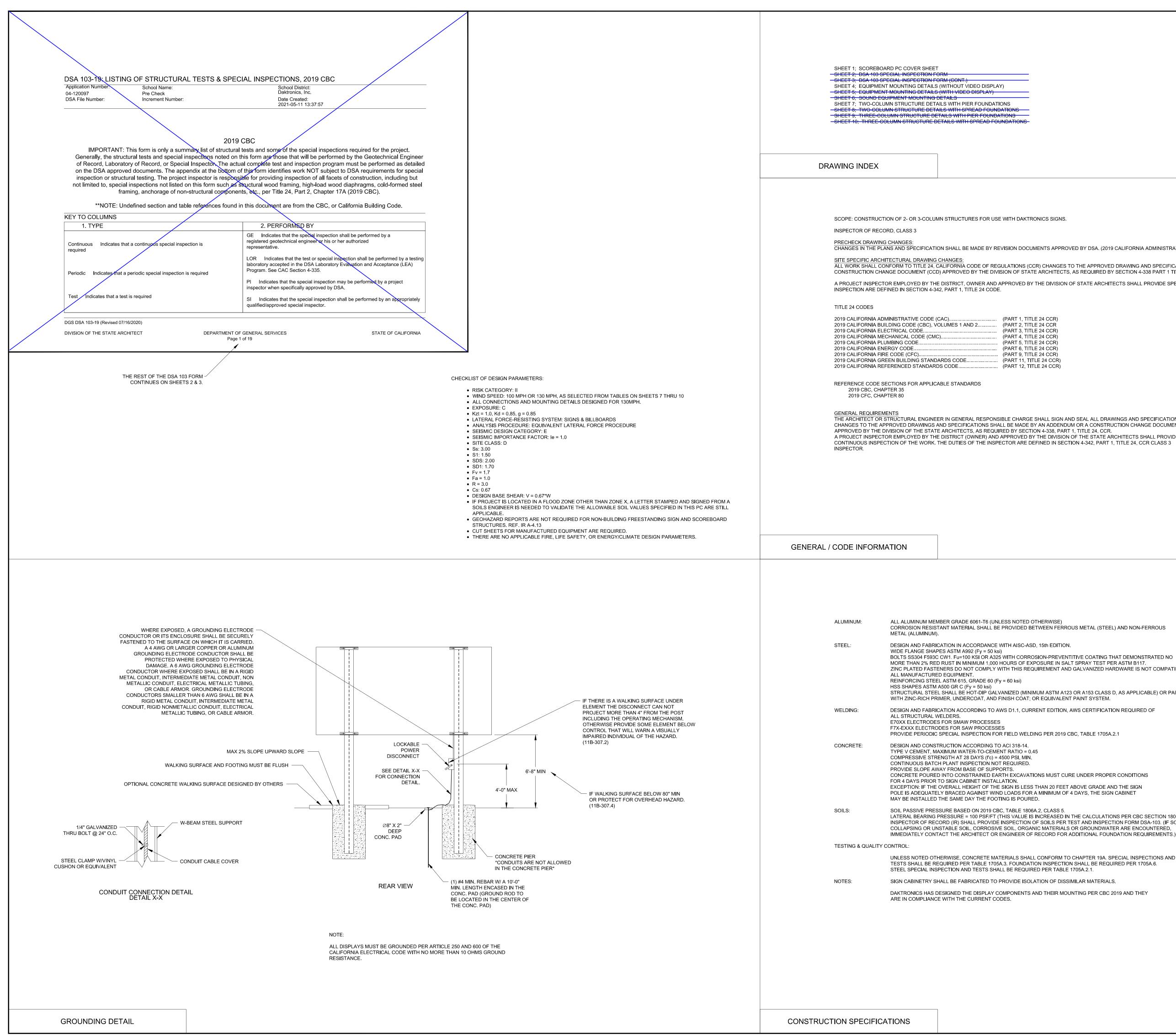










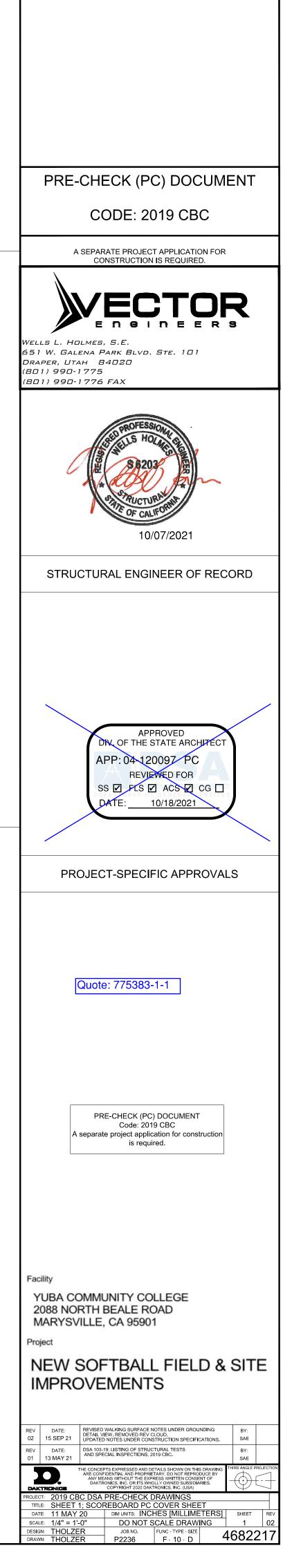


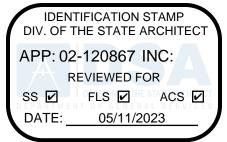
| RM RM (CONT.) (WITHOUT VIDEO DISPLAY) (WITH VIDEO DISPLAY) ETAILS ETAILS LS WITH PIER FOUNDATIONS LS WITH PIER FOUNDATIONS TAILS WITH PIER FOUNDATIONS | |
|---|---|
| TAILS WITH SPREAD FOUNDATIONS | PRE-CHE |
| | со |
| | A SEPARA CON |
| N STRUCTURES FOR USE WITH DAKTRONICS SIGNS. | |
| IN SHALL BE MADE BY REVISION DOCUMENTS APPROVED BY DSA. (2019 CALIFORNIA ADMINISTRATIVE CODE SECTION 4-338) | Wells L. Holmes, S 651 W. Galena Pa Draper, Utah 84 |
| <u>CHANGES:</u> ALIFORNIA CODE OF REGULATIONS (CCR) CHANGES TO THE APPROVED DRAWING AND SPECIFICATION SHALL BE MADE BY AN ADDENDUM OR A) APPROVED BY THE DIVISION OF STATE ARCHITECTS, AS REQUIRED BY SECTION 4-338 PART 1 TITLE 24 CCR. | (801) 990-1775 (801) 990-1776 F |
| DISTRICT, OWNER AND APPROVED BY THE DIVISION OF STATE ARCHITECTS SHALL PROVIDE SPECIAL INSPECTION OF THE WORK, THE DUTIES OF THE 2, PART 1, TITLE 24 CODE. | |
| | |

| 5 1 AND 2 | (PART 1, TITLE 24 CCR) (PART 2, TITLE 24 CCR (PART 3, TITLE 24 CCR) (PART 4, TITLE 24 CCR) (PART 5, TITLE 24 CCR) (PART 6, TITLE 24 CCR) (PART 9, TITLE 24 CCR) |
|-----------|---|
| ODE | (PART 9, TITLE 24 CCR) (PART 11, TITLE 24 CCR) (PART 12, TITLE 24 CCR) |
| | |

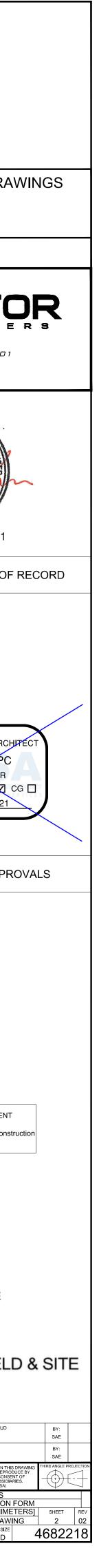
THE ARCHITECT OR STRUCTURAL ENGINEER IN GENERAL RESPONSIBLE CHARGE SHALL SIGN AND SEAL ALL DRAWINGS AND SPECIFICATIONS. CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR A CONSTRUCTION CHANGE DOCUMENT (CCD) APPROVED BY THE DIVISION OF THE STATE ARCHITECTS, AS REQUIRED BY SECTION 4-338, PART 1, TITLE 24, CCR. A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECTS SHALL PROVIDE

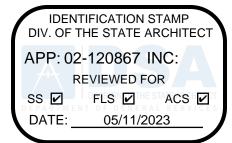
| NDE 6061-T6 (UNLESS NOTED OTHERWISE) ERIAL SHALL BE PROVIDED BETWEEN FERROUS METAL (STEEL) AND NON-FERROUS |
|--|
| I ACCORDANCE WITH AISC-ASD, 15th EDITION. A992 (Fy = 50 ksi) =100 KSI OR A325 WITH CORROSION-PREVENTITIVE COATING THAT DEMONSTRATED NO MINIMUM 1,000 HOURS OF EXPOSURE IN SALT SPRAY TEST PER ASTM B117.) NOT COMPLY WITH THIS REQUIREMENT AND GALVANIZED HARDWARE IS NOT COMPATIBLE WITH //ENT. 15, GRADE 60 (Fy = 60 ksi) |
| C (Fy = 50 ksi) 3E HOT-DIP GALVANIZED (MINIMUM ASTM A123 OR A153 CLASS D, AS APPLICABLE) OR PAINTED DERCOAT, AND FINISH COAT; OR EQUIVALENT PAINT SYSTEM. |
| CCORDING TO AWS D1.1, CURRENT EDITION, AWS CERTIFICATION REQUIRED OF |
| AW PROCESSES SAW PROCESSES INSPECTION FOR FIELD WELDING PER 2019 CBC, TABLE 1705A.2.1 |
| I ACCORDING TO ACI 318-14. WATER-TO-CEMENT RATIO = 0.45 F 28 DAYS (fc) = 4500 PSI, MIN. INSPECTION NOT REQUIRED. 1 BASE OF SUPPORTS. DNSTRAINED EARTH EXCAVATIONS MUST CURE UNDER PROPER CONDITIONS CABINET INSTALLATION. HEIGHT OF THE SIGN IS LESS THAN 20 FEET ABOVE GRADE AND THE SIGN ED AGAINST WIND LOADS FOR A MINIMUM OF 4 DAYS, THE SIGN CABINET E DAY THE FOOTING IS POURED. |
| SED ON 2019 CBC, TABLE 1806A.2, CLASS 5. E = 100 PSF/FT (THIS VALUE IS INCREASED IN THE CALCULATIONS PER CBC SECTION 1806A.3.4 FOR POLE FOOTING DESIGN) SHALL PROVIDE INSPECTION OF SOILS PER TEST AND INSPECTION FORM DSA-103. (IF SOFT OR SANDY SOIL, SOIL, CORROSIVE SOIL, ORGANIC MATERIALS OR GROUNDWATER ARE ENCOUNTERED, ARCHITECT OR ENGINEER OF RECORD FOR ADDITIONAL FOUNDATION REQUIREMENTS.) |
| CONCRETE MATERIALS SHALL CONFORM TO CHAPTER 19A. SPECIAL INSPECTIONS AND PER TABLE 1705A.3. FOUNDATION INSPECTION SHALL BE REQUIRED PER 1705A.6. AND TESTS SHALL BE REQUIRED PER TABLE 1705A.2.1. |
| ABRICATED TO PROVIDE ISOLATION OF DISSIMILAR MATERIALS. |
| THE DISPLAY COMPONENTS AND THEIR MOUNTING PER CBC 2019 AND THEY HE CURRENT CODES. |
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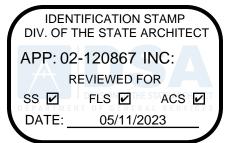
| DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2019 CBC Application Number: School Name: 04-120097 Pre Check | DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2019 CBC Application Number: School Name: School District: 04-120097 Pre Check Daktronics, Inc. | DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2019 CBC Application Number: School Name: School District: 04-120097 Pre Check Daktronics, Inc. | |
|--|--|---|---|
| DSA File Number: Increment Number: Date Created: 2021-05-11 13:37:57 | DSA File Number: Increment Number: Date Created: 2021-05-11 13:37:57 | DSA File Number: Increment Number: Date Created: 2021-05-11 13:37:57 | |
| | | | |
| Geotechnical Reports:Project does NOT have and does NOT require a geotechnical report 1. GENERAL: Table 1705A.6 | Test or Special Inspection Type Performed By Code References and Notes a. Verify pile materials, sizes and lengths comply with Continuous GE* * By geotechnical engineer or his or her qualified representative. | a. Inspect drilling operations and maintain complete and accurate records for each pier. b. Verify pier locations, diameters, plumbness and Continuous Continuous PI Continuous inspection to be provided by project inspector. Refer to specific items identified in the Appendix listing exemptions for limitations. PI Continuous inspection to be provided by project inspector. | DSA PRECHECK DR |
| Test or Special Inspection Type Performed By Code References and Notes Image: a. Verify that: a. Verify that: See Notes PI Refer to specific items identified in the Appendix listing exemptions for limitations. Placement of controlled fill exceeding 12" depth under | Image: Interpretended and the requirements. Image: Interpretended and the test of test piles and conduct additional load tests as required. Test LOR* * Under the supervision of the geotechnical engineer. | Image: Second concrete piers. b. Verify pier locations, diameters, plumbness and lengths.Record concrete or grout volumes. Continuous PI Continuous inspection to be provided by project inspector. Image: Second concrete piers. Continuous PI Continuous inspection to be provided by project inspector. Image: Second concrete piers. Provide tests and inspections per CONCRETE section below. PI Continuous inspection to be provided by project inspector. | |
| controlled fill and/or excavations for foundations. "Foundation excavations are extended to proper depth and have reached proper material. foundations is not permitted without a geotechnical report. | c. Inspect driving operations and maintain complete and accurate records for each pile. d. Verify locations of piles and their plumbness, Continuous GE* * By geotechnical engineer or his or her qualified representative. GE* | 5. RETAINING WALLS: | |
| " Materials below footings are adequate to achieve the design bearing capacity. | confirm type and size of hammer, record number of blows per foot of penetration, determine required penetrations to achieve design capacity, record tip | Test or Special Inspection Type Performed By Code References and Notes Image: a. Placement, compaction and inspection of backfill. Continuous GE* 1705A.6.1. * By geotechnical engineer or his or her qualified representative. (See Section 2 above). | |
| 2. SOIL COMPACTION AND FILL: Table 1705A.6 Test or Special Inspection Type Performed Code References and Notes | and butt elevations and record any pile damage. Provide tests and inspections per STEEL section below. e. Steel piles. Provide tests and inspections per STEEL section below. | b. Placement of soil reinforcement and/or drainage devices. Continuous GE* * By geotechnical engineer or his or her qualified representative. | |
| a. Verify use of proper materials, densities and inspect lift thicknesses, placement and compaction during placement of fill. b. Dy b. Dy | f. Concrete piles and concrete filled piles. Provide tests and inspections per CONCRETE section below. g. For specialty piles, perform additional inspections as determined by the registered design professional in * * As defined on drawings or specifications. | C. Segmental retaining walls; inspect placement of units, dowels, connectors, etc. Continuous GE* * By geotechnical engineer or his or her qualified representative. See DSA IR 16-3. Image: d. Concrete retaining walls, for the retaining | Wells L. Holmes, S.E. 651 W. Galena Park Blvd. Ste. 11 Draper, Utah 84020 |
| b. Compaction testing. Test LOR* * Under the supervision of a geotechnical engineer or LOR's engineering manager. Refer to specific items identified in the Appendix listing exemptions for limitations. | 4. CAST-IN-PLACE DEEP FOUNDATIONS (PIERS): Table 1705A.8 | Image: Inspection per Concrete retaining walls. Provide tests and inspections per MASONRY section below. | (801) 990-1775 (801) 990-1776 FAX |
| 3. DRIVEN DEEP FOUNDATIONS (PILES): Table 1705A.7 | 4. CAST-IN-PLACE DEEP FOUNDATIONS (PIERS): Table 1705A.8 Test or Special Inspection Type Performed Code References and Notes | 6. OTHER SOILS: Test of Special Inspection Type Performed Code References and Notes | pOFESSIO |
| | By | Ву | State State Store State |
| DGS DSA 103-19 (Revised 07/16/2020) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES Page 2 of 19 STATE OF CALIFORNIA | DGS DSA 103-19 (Revised 07/16/2020) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES Page 3 of 19 DEPARTMENT OF GENERAL SERVICES DEPARTMENT O | DGS DSA 103-19 (Revised 07/16/2020) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES Page 4 of 19 STATE OF CALIFORNIA | S 5203 |
| | | | OF CALIFORNIA |
| | | | 10/07/202 |
| | | | STRUCTURAL ENGINEER (|
| DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (SOILS), 2019 CBC Application Number: School Name: School District: | DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Concrete), 2019 CBC Table 1705A:S; ACI 318-14 Sections 26.12 & 26.13 | DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Concrete), 2019 CBC Table 1705A.3; ACI 318-14 Sections 26.12 & 26.13 | |
| 04-120097 Pre Check Daktronics, Inc. DSA File Number: Increment Number: Date Created: 2021-05-11 13:37:57 2021-05-11 13:37:57 | Application Number: School Name: School District: 04-120097 Pre Check Daktronics, Inc. DSA File Number: Increment Number: Date Created: 2021-05-11 13:37:57 2021-05-11 13:37:57 | Application Number:School Name:School District:04-120097Pre CheckDaktronics, Inc.DSA File Number:Increment Number:Date Created: 2021-05-11 13:37:57 | |
| | 2021-05-1113.37.37 | | |
| □ a. Soil Improvements Test GE* Submit a comprehensive report documenting final soil improvements | 7. CAST-IN-PLACE CONCRETE | Test or Special Inspection Type Performed Code References and Notes | |
| construction observation and the results of the confirmation testing and analysis to CGS for final acceptance. * By geotechnical engineer or his or her qualified representative. | Test or Special Inspection Type Performed Code References and Notes By By Code References and Notes | Image: By By Image: By Image: By a. Sample and test prestressing tendons and anchorages. Test LOR 1705A.3.4, 1910A.3 | APPROVED |
| b. Inspection of Soil Improvements Continuous GE* * By geotechnical engineer or his or her qualified representative. c. c. | Material Verification and Testing: Periodic SI Table 1705A.3 Item 5, 1910A.1. | Image: Construction of the stressing tendons. Periodic SI 1705A.3.4, Table 1705A.3 Items 1 & 9. Image: Construction of the stressing tendons. Periodic SI Table 1705A.3 Item 11. Special inspector to verify specified concrete | DIV. OF THE STATE AR APP: 04-120097 P |
| | Image: Description of the section o | Image: Strength test prior to stressing. | REVIEWED FOR |
| | for strength tests, perform slump and air content tests, and determine the temperature of the concrete. | prestressing forces and grouting of bonded prestressing tendons. | DATE: 10/18/202 |
| | Image: Markov decision Markov decision Test LOR 1905A.1.15; ACI 318-14 Section 26.12. | 9. PRECAST CONCRETE (in addition to Cast-in-Place Concrete tests and inspections): Test or Special Inspection Type Performed Code References and Notes | |
| | Image: Batch plant inspection: Eliminated See Notes SI Default of 'Continuous' per 1795A.3.3. If approved by DSA, batch plant inspection may be reduced to 'Periodic' subject to requirements in Section 1705A.3.3.1, or eliminated per 1705A.3.3.2. (See Appendix for | a. Inspect fabrication of precast concrete members. b. Inspect erection of precast concrete members. Periodic SI* Table 1705A.3 Item 10.* May be performed by PI when specifically | PROJECT-SPECIFIC APP |
| | Image: Construction of the image: Constructine of the image: Construction of the image: Constructi | approved by DSA. | |
| | 8. PRESTRESSED / POST-TENSIONED CONCRETE (in addition to Cast-in-Place Concrete tests and inspections): | 10. SHOTCRETE (in addition to Cast-in-Place Concrete tests and inspections): Test or Special Inspection Type Performed Code References and Notes | |
| DGS DSA 103-19 (Revised 07/16/2020) | DGS DSA 103-19 (Revised 07/16/2020) | DGS DSA 103-19 (Revised 07/16/2020) | |
| DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 5 of 19 | DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 6 of 19 | DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 7 of 19 | |
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| DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Concrete), 2019 CBC Table 1705A.3; ACI 318-14 Sections 26.12 & 26.13 Application Number: School Name: School District: 04-120097 Pre Check School Name: Daktronics, Inc. | DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC 1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-16 Application Number: School Name: School District: | DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC 1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-16 Application Number: School Name: School Name: School Name: O4-120097 Pre Check Daktronics, Inc. | PRE-CHECK (PC) DOCUME Code: 2019 CBC A separate project application for co |
| 04-120097 Pre Check Daktronics, Inc. DSA File Number: Increment Number: Date Created: 2021-05-11 13:37:57 2021-05-11 13:37:57 | 04-120097 Pre Check Daktronics, Inc. DSA File Number: Increment Number: Date Created: | 04-120097 Pre Check Daktronics, Inc. DSA File Number: Increment Number: Date Created: 2021-05-11 13:37:57 | is required. |
| | | | |
| a. Inspect shotcrete placement for proper Continuous SI 1705A.19, Table 1705A.3 Item 7, 1908A.6, 1908A.7, 1908A.8, | 17. STRUCTURAL STEEL, COLD-FORMED STEEL AND ALUMINUM USED FOR STRUCTURAL PURPOSES Material Verification and Testing: | 🛛 b. Test high-strength bolts, nuts and washers. Test LOR Table 1705A.2.1 Item 1c, 2213A.1; RCSC 2014 Section 7.2; DSA IR 17-8. | |
| application techniques. 1908A.9, 1908A.11, 1908A.12. See ACI 506.2-13 Section 3.4, ACI 506R-16. b. Sample and test shotcrete (fc). Test LOR 1908A.5, 1908A.10. | Test or Special Inspection Type Performed By Code References and Notes | Inspection of High-Strength Bolt Installation: IX c. Bearing-type (snug tight) connections. Periodic SI Table 1705A.2.1 Item 2a, 1705A.2.6, 2204A.2; AISC 360-16 J3.1, J3.2, | |
| 11. POST-INSTALLED ANCHORS: | a. Verify identification of all materials and: "Mill certificates indicate material properties that comply with requirements. " AlSI S240-15 Section A3 & A5, AlSI S220-15 Sections A4 & A6. *By special inspector or qualified technician when performed on off-site. | M2.5 & N5.6; RCSC 2014 Section 9.1; DSA IR 17-9. Image: Constraint of the section of the se | Facility |
| Test or Special Inspection Type Performed By Code References and Notes □ a. Inspect installation of post-installed anchors See Notes SI* 1617A.1.19, Table 1705A.3 Item 4a (Continuous) & 4b (Periodic), | "Material sizes, types and grades comply with requirements. Image: Complexity of the second seco | J3.2, M2.5 & N5.6; RCSC 2014 Sections 9.2 & 9.3; DSA IR 17-9. * Continuous or Periodic depends on the tightening method used. | YUBA COMMUNITY COLLEGE 2088 NORTH BEALE ROAD |
| 1705A.3.8 (See Appendix for exemptions). ACI 318-14 Sections 17.8 & 26.13. * May be performed by the project inspector when specifically approved by DSA. | Image: C. Examine seam welds of HSS shapes Periodic SI DSA IR 17-3. | 19. WELDING: 1705A.2.5, Table 1705A.2.1 Items 4 & 5; AWS D1.1 and AWS D1.8 for structural steel; AWS D1.2 for Aluminum; AWS D1.3 for cold-formed steel; AWS D1.4 for reinforcing steel; DSA IR 17-3 (See Appendix for exemptions.) | MARYSVILLE, CA 95901 Project |
| b. Test post-installed anchors. Test LOR 1910A.5. (See Appendix for exemptions.) | Inspection: Inspection: Image: Construction document steel fabrication per DSA approved construction Image: Construction documents. | Verification of Materials, Equipment, Welders, etc.: Test or Special Inspection Type Performed Code References and Notes | NEW SOFTBALL FIE |
| 12. OTHER CONCRETE: Image: Type of the section of t | It usses (1703A.2.4). 18. HIGH-STRENGTH BOLTS: RCSC 2014 Material Verification and Testing of High-Strength Bolts, Nuts, and Washers: | Image: Second Point Second | IMPROVEMENTS |
| □ By □ a. | Material Verification and Testing of High-Strength Bolts, Nuts, and Washers: Test or Special Inspection Type Performed By Code References and Notes | and the WPS. Image: State of compliance. Periodic SI DSA IR 17-3. | REV DATE: UPDATED SHEET 9 OF 19. REMOVED REV CLOU 02 15 SEP 21 15 |
| | a. Verify identification markings and manufacturer's certificates of compliance conform to ASTM standards specified in the DSA-approved documents. | Image: Strange and Strang | REV DATE: DSA 103-19: LISTING OF STRUCTURAL TESTS AND SPECIAL INSPECTIONS, 2019 CBC. |
| DGS DSA 103-19 (Revised 07/16/2020) | DGS DSA 103-19 (Revised 07/16/2020) | DGS DSA 103-19 (Revised 07/16/2020) | THE CONCEPTS EXPRESSED AND DETAILS SHOWN ON ARE CONFIDENTIAL AND PROPRIETARY. DO NOT RE ANY MEANS WITHOUT THE EXPRESS WRITEN CC DAKTRONICS. INC. OR ITS WHOLLY OWNED SUB COPYRIGHT 2016 DAKTRONICS, INC. (US PROJECT: 2019 CBC DSA PRE-CHECK DRAWINGS |
| DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 8 of 19 | DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 9 of 19 | DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 10 of 19 | TITLE: SHEET 2; DSA 103 SPECIAL INSPECTIO DATE: 30 NOV 20 DIM UNITS: INCHES [MILLI SCALE: 1/4" = 1'-0" DO NOT SCALE DRA |
| | | | DESIGN: SEASTMA JOB NO. FUNC - TYPE - S DRAWN: SEASTMA P2236 F - 10 - [|

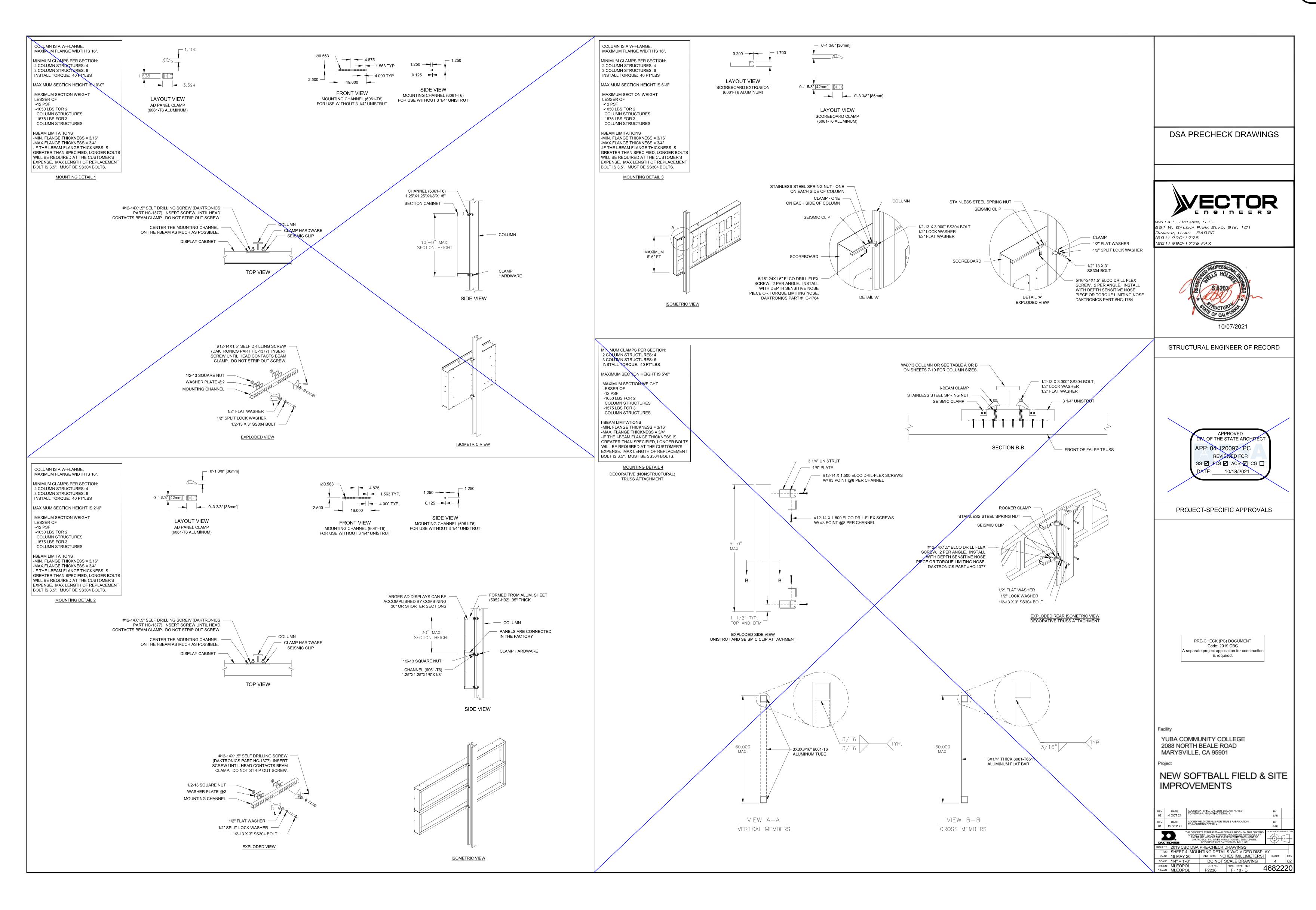


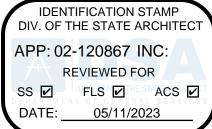


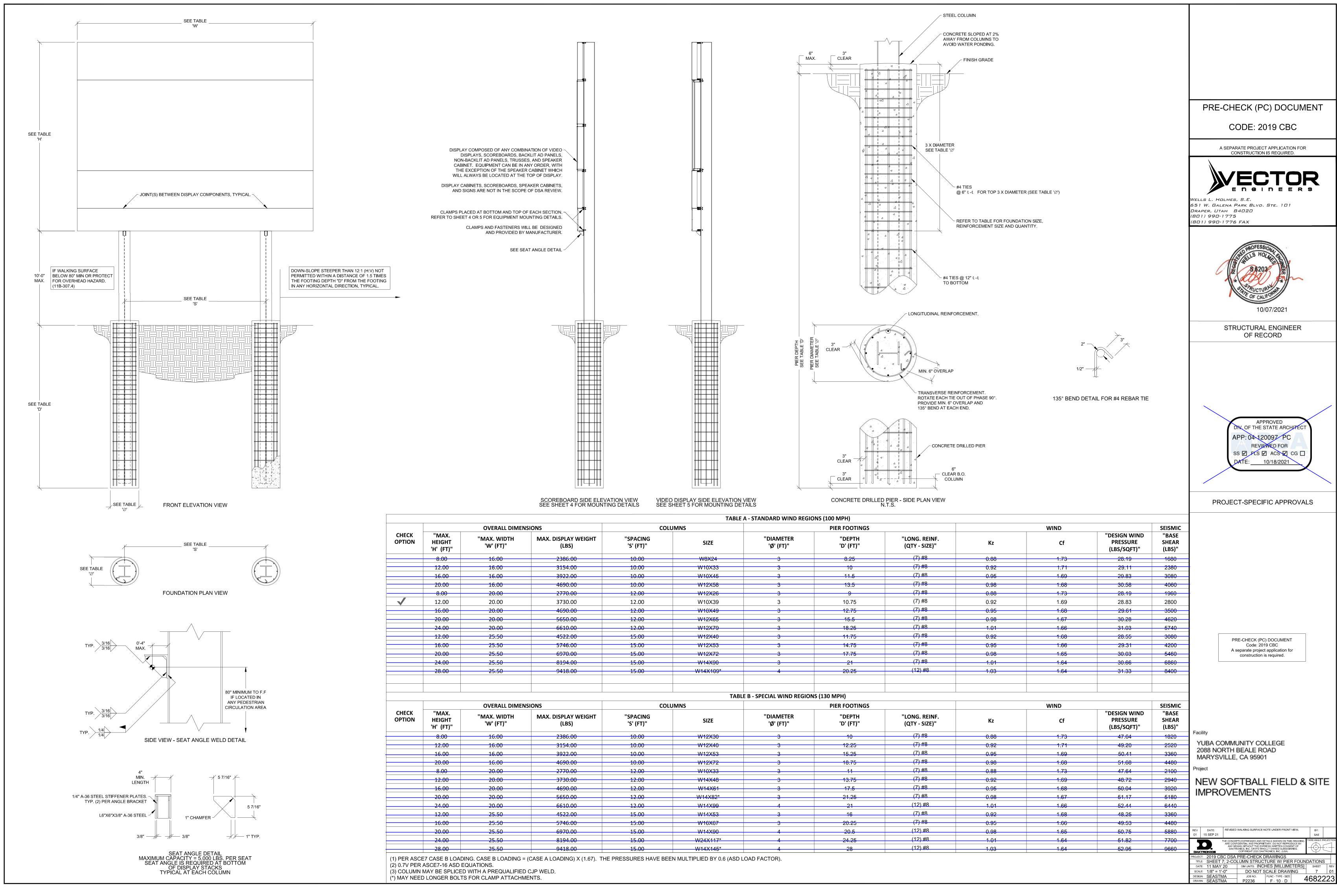
| DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-16 | DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC 1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-16 |
|---|---|
| Application Number:School Name:School District:04-120097Pre CheckDaktronics, Inc. | Application Number: School Name: School District: 04-120097 Pre Check Daktronics, Inc. D201511 Number School Name: Daktronics, Inc. |
| DSA File Number: Increment Number: Date Created: 2021-05-11 13:37:57 | DSA File Number: Increment Number: Date Created: 2021-05-11 13:37:57 |
| | |
| | |
| 19.1 SHOP WELDING: Test or Special Inspection Type Performed Code References and Notes | c. Inspect end-welded studs (ASTM A-108) installation Periodic SI 2213A.2; AISC 360-16 (AISC 341-16 as applicable); AWS D1.1; DSA IR 17-3. (including bend test). |
| Image: By By | □ d. Inspect floor and roof deck welds. Periodic SI 1705A.2.2, Table 1705A.2.1 Item 5a.6; AISC 360-16 (AISC 341-16 as |
| fillet welds > 5/16", plug and slot welds. applicable); DSA IR 17-3. | applicable); AWS D1.3; DSA IR 17-3. e. Inspect welding of structural cold-formed steel. Periodic SI* 1705A.2.5; AWS D1.3; DSA IR 17-3. The quality control provisions of AISI |
| Image: Book Structure b. Inspect single pass fillet welds < 5/16", floor and roof deck welds. | S240-15 Chapter D shall also apply. * May be performed by the project inspector when specifically approved by DSA. |
| 1705A.2.1 AISC 360-16 (AISC 341-16 as applicable); AWS D1.1 & D1.3; DSA IR 17-3. | Image: Section of the section of th |
| 1705A.3.1 AWS D1.4; DSA IR 17-3. Verify carbon equivalent reported on mill certificates. | g. Verification of reinforcing steel weldability. Periodic SI 1705A.3.1; AWS D1.4; DSA IR 17-3. Verify carbon equivalent |
| AWS D1.4; DSAIR 17-3. | reported on mill certificates. |
| | □ h. Inspect welding of reinforcing steel. Continuous SI Table 1705A.2.1 Item 5b, 1705A.3.1, Table 1705A.3 Item 2, 1903A.8; AWS D1.4; DSA IR 17-3. AWS D1.4; DSA IR 17-3. |
| 19.2 FIELD WELDING: | 20. NONDESTRUCTIVE TESTING: |
| Test or Special Inspection Type Performed Code References and Notes | 1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-16 |
| Image: Signature a. Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds. Continuous SI 1705A.2.1 Items 5a.1-4; AISC 360-16 (AISC 341-16 as applicable); DSA IR 17-3. | Test or Special Inspection Type Performed By Code References and Notes Image: a. Ultrasonic Test LOR 1705A.2.1, 1705A.2.5; AISC 341-16 J6.2, AISC 360-16 N5.5; ANSI/ |
| | ASNT CP-189, SNT-TC-1A; AWS D1.1, AWS D1.8; DSA IR 17-2. |
| | |
| DGS DSA 103-19 (Revised 07/16/2020) | DGS DSA 103-19 (Revised 07/16/2020) |
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| DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS (Steel and Aluminum), 2019 CBC | |
| 1705A.2.1, Table 1705A.2.1; AISC 303-16, AISC 341-16, AISC 358-16, AISC 360-16; AISI S100-16 | Appendix: Work Exempt from DSA Requirements for Structural Tests / Special Inspections Application Number: School Name: School District: |
| Application Number: School Name: School District: 04-120097 Pre Check Daktronics, Inc. DSA File Number: Increment Number: Date Created: | Application Number: School Name: School District: 04-120097 Pre Check Daktronics, Inc. DSA File Number: Increment Number: Date Created: |
| 2021-05-11 13:37:57 | 2021-05-11 13:37:57 |
| | |
| | |
| Image: C. Test density.TestLOR1705A.14.5. | Exempt items given in DSA IR A-22 or the 2019 GBC (including DSA amendments) and those items identified below with a check mark by the design professional are NOT subject to DSA requirements for the structural tests / special inspections noted. Items marked as exempt shall |
| 23. ANCHOR BOLTS AND ANCHOR RODS: | be identified on the approved construction documents. The project inspector shall verify all construction complies with the approved construction documents. |
| Test or Special Inspection Type Performed Code References and Notes | SOILS: |
| By Image: By | 1. Deep foundations acting as a cantilever footing designed based on minimum allowable pressures per CBC Table 1806A.2 and having no geotechnical report for the following cases: A) free standing sign or scoreboard, B) cell or antenna towers and poles less than 35'-0" tall (e.g., lighting |
| Image: Section of the section of th | poles, flag poles, poles supporting open mesh fences, etc.), C) single-story structure with dead load less than 5 psf (e.g., open fabric shade structure), or D) covered walkway structure with an apex height less than 10'-0" above adjacent grade. |
| noted in DSA IR 17-11. | 2. Shallow foundations, etc. are exempt from special inspections and testing by a Geotechnical Engineer for the following cases: A) buildings without |
| Other Steel | a geotechnical report and meeting the exception item #1 criteria in CBC Section 1803A.2 supported by native soil (any excavation depth) or fill soil (not exceeding 12" depth per CBC Section 1804A.6), B) soil scarification/recompaction not exceeding 12" depth, C) native or fill soil supporting exterior non-structural flatwork (e.g., sidewalks, site concrete ramps, site stairs, parking lots, driveways, etc.), D) unpaved landscaping and playground |
| Test or Special Inspection Type Performed Code References and Notes | areas, or E) utility trench backfill. |
| | CONCRETE/MASONRY: |
| | 1. Post-installed anchors for the following: A) exempt non-structural components (e.g., mechanical, electrical, plumbing equipment - see item 7 for "Welding") given in CBC Section 1617A.1.18 (which replaces ASCE 7-16, Section 13.1.4) or B) interior nonstructural wall |
| | partitions meeting criteria listed in exempt item 3 for "Welding." Image: Section 1705A.3.3.2 subject to the requirements and limitations |
| | in that section. |
| | |
| DGS DSA 103-19 (Revised 07/16/2020) | DGS DSA 103-19 (Revised 07/16/2020) |
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| Appendix: Work Exempt from DSA Requirements for Structural Tests / Special Inspections Application Number: School Name: School District: | DSA 103-19: LISTING OF STRUCTURAL TESTS & SPECIAL INSPECTIONS(SIGNATURE), 2019 CBC Application Number: School Name: School District: |
| 04-120097 Pre Check Daktronics, Inc. DSA File Number: Increment Number: Date Created: | 04-120097 Pre Check Daktronics, Inc. DSA File Number: Increment Number: Date Created: |
| 2021-05-11 13:37:57 | 2021-05-11 13:37:57 |
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| | |
| 6. TV Brackets, projector mounts with a valid listing (see DSA IR A-5) and recreational equipment (e.g., playground structures, basketball backstops, etc.) (connections of such elements to superstructure elements using welding will require special inspection as noted in selected item(s) for section 10. 10.1 and/or 10.2 logities of the Stop (Alumniaum estanom) | Name of Architect or Engineer in general responsible charge: Wells L. Holmes |
| 19, 19.1 and/or 19.2 located in the Steel/Aluminum category). 7. Any support for exempt non-structural components given in CBC Section 1617A.1.18 (which replaces ASCE 7-16, Section 13.1.4) meeting the | Name of Structural Engineer (When structural design has been delegated): |
| following: A) when supported on a floor/roof, <400# and resulting composite center of mass (including component's center of mass) d4' above supporting floor/roof, B) when hung from a wall or roof/floor, <20# for discrete units or <5 plf for distributed systems. | |
| | Signature of Architect or Structural Engineer: Date: |
| | Signature of Architect or Structural Engineer: Date: 05/11/21 |
| | Note: To facilitate DSA electronic mark-ups and identification stamp application, DSA recommends against using secured electronic or digital signatures. |
| | DSA STAMP |
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| DGS DSA 103-19 (Revised 07/16/2020) | DGS DSA 103-19 (Revised 07/16/2020) |
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| | | | | | TABLE | A - STANDARD WIND REG | IONS (|
|-----------------|------------------------------|--------------------------|------------------------------|-----------------------|----------|--------------------------|--------|
| | OVERALL DIMENSIONS | | | COLUMNS | | | |
| CHECK OPTION | "MAX. HEIGHT 'H' (FT)" | "MAX. WIDTH 'W' (FT)" | MAX. DISPLAY WEIGHT (LBS) | "SPACING 'S' (FT)" | SIZE | "DIAMETER 'Ø' (FT)" | |
| | 8.00 | 16.00 | 2386.00 | 10.00 | W8X24 | 3 | |
| | 12.00 | 16.00 | 3154.00 | 10.00 | W10X33 | 3 | |
| | 16.00 | 16.00 | 3922.00 | 10.00 | W10X45 | 3 | |
| | 20.00 | 16.00 | 4690.00 | 10.00 | W12X58 | 3 | |
| | 8.00 | 20.00 | 2770.00 | 12.00 | W12X26 | 3 | _ |
| \checkmark | 12.00 | 20.00 | 3730.00 | 12.00 | W10X39 | 3 | |
| • | 16.00 | 20.00 | 4690.00 | 12.00 | W10X49 | 3 | |
| | 20.00 | 20.00 | 5650.00 | 12.00 | W12X65 | 3 | |
| | 24.00 | 20.00 | 6610.00 | 12.00 | W12X79 | 3 | |
| | 12.00 | 25.50 | 4522.00 | 15.00 | W12X40 | 3 | |
| | 16.00 | 25.50 | 5746.00 | 15.00 | W12X53 | 3 | |
| | 20.00 | 25.50 | 6970.00 | 15.00 | W12X72 | 3 | |
| | 24.00 | 25.50 | 8194.00 | 15.00 | W14X90 | 3 | |
| | 28.00 | 25.50 | 9418.00 | 15.00 | W14X109* | 4 | |
| | | | | | | E B - SPECIAL WIND REGIO | DNS (1 |
| | OVERALL DIMENSIONS | | COLL | JMNS | | | |
| CHECK OPTION | "MAX. HEIGHT 'H' (FT)" | "MAX. WIDTH 'W' (FT)" | MAX. DISPLAY WEIGHT (LBS) | "SPACING 'S' (FT)" | SIZE | "DIAMETER 'Ø' (FT)" | |
| | 8.00 | 16.00 | 2386.00 | 10.00 | W12X30 | 3 | |
| | 12.00 | 16.00 | 3154.00 | 10.00 | W12X40 | 3 | |
| | 16.00 | 16.00 | 3922.00 | 10.00 | W12X53 | 3 | |
| | 20.00 | 16.00 | 4690.00 | 10.00 | W12X72 | 3 | |
| | 8.00 | 20.00 | 2770.00 | 12.00 | W10X33 | 3 | |
| | 12.00 | 20.00 | 3730.00 | 12.00 | W14X48 | 3 | |
| | 16.00 | 20.00 | 4690.00 | 12.00 | W14X61 | 3 | |
| | 20.00 | 20.00 | 5650.00 | 12.00 | W14X82* | 3 | |
| | 24.00 | 20.00 | 6610.00 | 12.00 | W14X99 | 4 | |
| | 12.00 | 25.50 | 4522.00 | 15.00 | W14X53 | 3 | |
| | 16.00 | 25.50 | 5746.00 | 15.00 | W16X67 | 3 | |
| | 20.00 | 25.50 | 6970.00 | 15.00 | W14X90 | 4 | |
| | <u> </u> | | | | 1 | 1 | |

