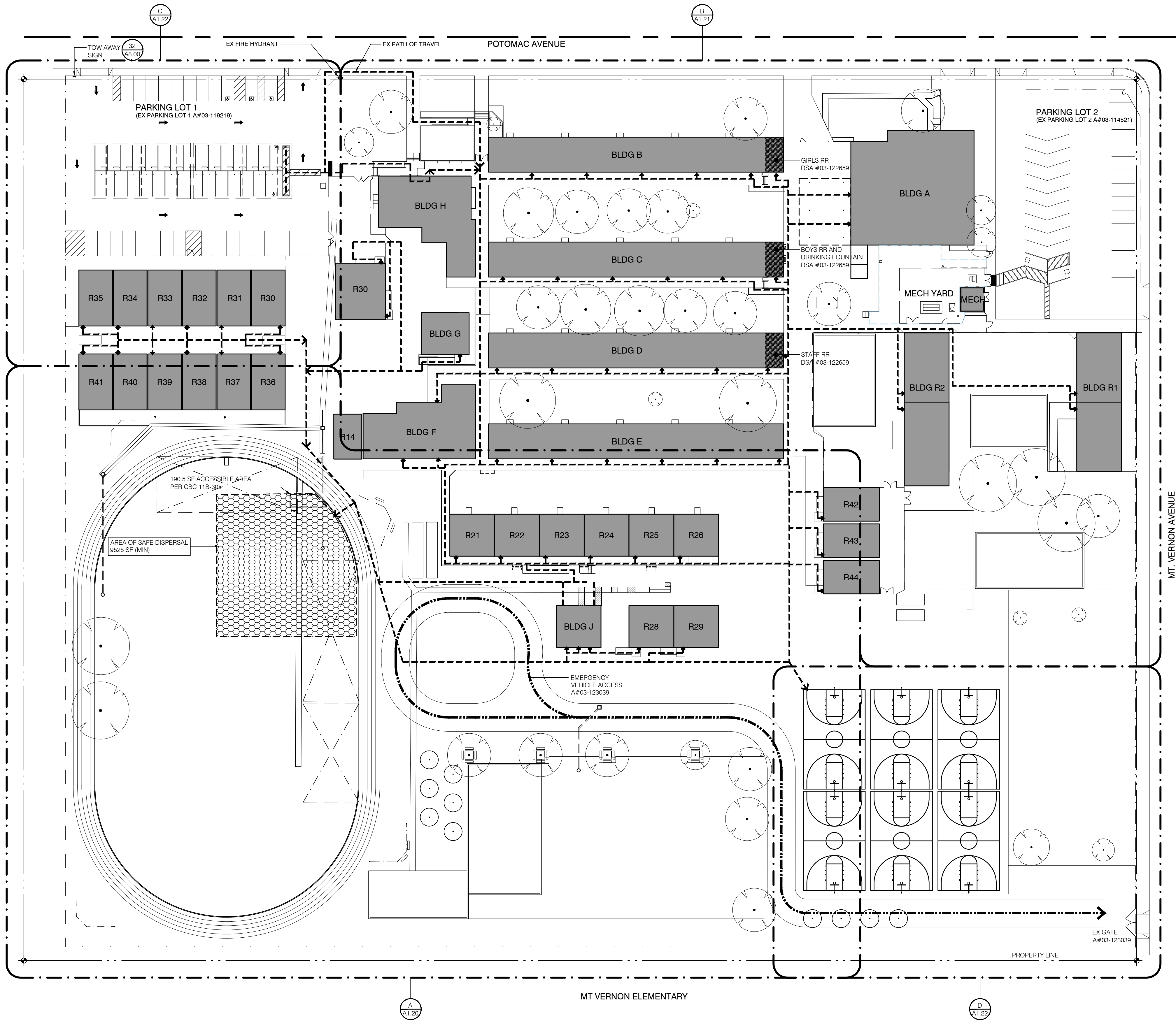


Mt Vernon Elementary School
Bakersfield City School District
District No. 22251.00-34-MD

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP: 03-125931 INC. REVIEWED FOR SS ☐ FLS ☒ ACS ☒ DATE: 06/23/2026		
ap architects		
3434 Truxtun Avenue , Suite 240 Bakersfield , California , 93301 tel 661-327-1690 fax 661-327-7204 web www.aparchitects.net		
CAMPUS INFRASTRUCTURE UPGRADES		
Mt Vernon Elementary School		
2161 Potomac Ave. Bakersfield, CA. 93307 Bakersfield City School District		
ARCHITECT		
 JAMES PATRICK FOGARTY, AIA ARCHITECT C-19670		
CONSULTANT		
PROJECT INFO		
Project No	566-0020	
Date	05.28.26	
DSA File No	15-6	
DSA No	03-125931	
REVISIONS		
No	Date	Item
△	05.06.06	DESCRIPTION
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TITLE SHEET		
A0.00		



Campus Site Plan

Scale: 1" = 40'-0"

BUILDING DIRECTORY					
BLDG #	DSA #	BUILDING USE	BLDG #	DSA #	BUILDING USE
A	19177	MULTI KIT	R1	32982	KINDERGARTEN
B	3252/51530/03-122659	CLASSROOMS/ TOILET	R2	27729/ 30116	KINDERGARTEN
C	3252/51530/03-122659	CLASSROOMS	R14	30420	RELOCATABLE TOILETS
D	5616/51530/03-122659	CLASSROOMS	R21-26	30402	6 RELOCATABLE CLASSROOMS
E	5616/ 39113/03-122659	CLASSROOMS/ TOILET	R28-29	54429	2 RELOCATABLE CLASSROOMS
F	5616	MUSIC CLASSROOMS	R30-35	03-102897	6 RELOCATABLE CLASSROOM
G	28584	COUNACAD/COACH	R36-41	03-102897	6 RELOCATABLE CLASSROOM
H	3252/ 32982	ADMINISTRATION	R42	03-117024	RELOCATABLE CLASSROOMS
J	03-102897	TOILETS	R43	03-117024	RELOCATABLE CLASSROOMS
			R44	03-117024	RELOCATABLE CLASSROOMS
P1	03-118219	PARKING LOT 1			
P2	03-114521	PARKING LOT 2			
	03-116028	SITE (ACCESS ONLY)			
			T1	03-123309*	SWING SPACE (TEMPORARY RELOCATABLE)
			T2	03-123309*	SWING SPACE (TEMPORARY RELOCATABLE)
			T3	03-123309*	SWING SPACE (TEMPORARY RELOCATABLE)
			T4	03-123309*	SWING SPACE (TEMPORARY RELOCATABLE)
			T5	03-123309*	SWING SPACE (TEMPORARY RELOCATABLE)
			T6	03-123309*	SWING SPACE (TEMPORARY RELOCATABLE)
			T7	03-123309*	SWING SPACE (TEMPORARY RELOCATABLE)
			T8	03-123309*	SWING SPACE (TEMPORARY RELOCATABLE)
			T9	03-123309*	SWING SPACE (TEMPORARY RELOCATABLE)
			T10	03-123309*	SWING SPACE (TEMPORARY RELOCATABLE)

ACCESSIBLE PATH OF TRAVEL (P.O.T.)

--- "ACCESSIBLE PATH OF TRAVEL" (P.O.T.) AS INDICATED ON PLAN IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" IN WIDTH SURFACE IS STABLE, FIRM, AND SLIP-RESISTANT. CROSS-SLOPE SHALL NOT BE STEEPER THAN 1:48 AND SLOPE IN THE DIRECTION OF TRAVEL SHALL NOT BE STEEPER THAN 1:20. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND FREE OF OBJECTS PROTRUDING MORE THAN 4" FROM WALL, ABOVE 27" AND LESS THAN 80" ABOVE THE FLOOR. ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NON-COMPLIANT WITH THE CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NON-COMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NON-COMPLIANT BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THE PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

- HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 34 INCHES AND 44 INCHES ABOVE FLOOR. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, BY PANIC BARS, PUSH-PULL ACTIVATION BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP AND TURN OPENING HARDWARE. LOCKED EXIT DOORS SHALL OPERATE AS ABOVE IN EGRESS DIRECTION.
- MAXIMUM EFFORT TO OPERATE SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR DOORS AND 8 POUNDS FOR INTERIOR DOORS. SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS WHEN FIRE DOORS ARE REQUIRED. THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED NOT TO EXCEED 15 POUNDS.
- CONSTRUCTION: THE BOTTOM 10" OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. WHERE NARROW FRAMES ARE USED, A 10" HIGH SMOOTH PANEL SHALL BE INSTALLED ON THE PUSH SIDE OF THE DOOR, WHICH WILL ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.
- FOR HINGED DOORS, THE OPENING WIDTH SHALL BE MEASURED WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION, AT LEAST ONE OF A PAIR OF DOORS SHALL MEET THIS OPENING WIDTH REQUIREMENT.
- IN ADDITION TO ALL LOCAL CODES, ACCESSIBILITY REQUIREMENTS SHALL COMPLY WITH THE CALIFORNIA BUILDING CODE, TITLE 24, AS WELL AS FEDERAL ADA (AMERICANS WITH DISABILITIES ACT).

PARKING ANALYSIS (EXISTING)

Lot	Van Accessible (VAN)	STD Accessible (ACS)	STD	Total	Remarks
P1	2	3	45	50	
P2	1	1	32	34	

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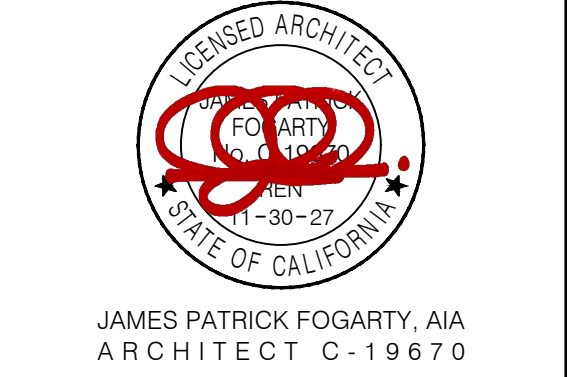


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CAMPUS
INFRASTRUCTURE
UPGRADES

Mt Vernon
Elementary School
2161 Potomac Ave. Bakersfield, CA 93307
Bakersfield City School District

ARCHITECT



CONSULTANT

PROJECT INFO

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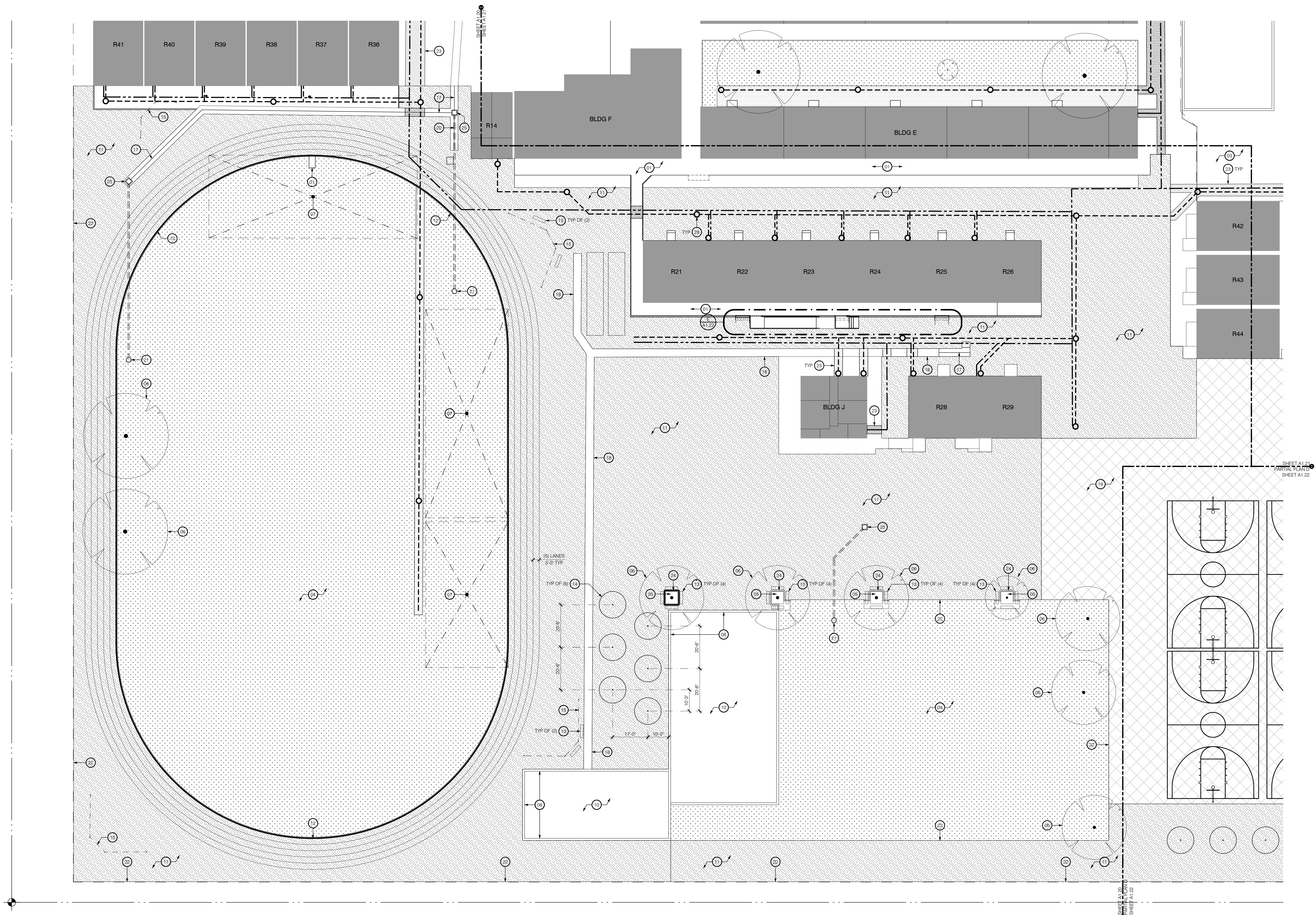
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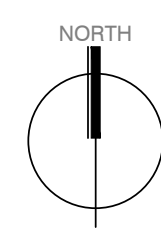
CAMPUS SITE PLAN

A1.00



A. Partial Site Plan

Scale: 1" = 20'-0"



GENERAL NOTES

1. UNLESS NOTED OTHERWISE CONC. AC PAVING, PLAY AREA SURFACE AND LANDSCAPE FINISH GRADE TO MATCH EX.

2. LANDSCAPE TO REPAIR TO INCLUDE SOD AND IRRIGATION REPAIR.

3. BACK FILL, INSTALL SOD AND REPAIR IRRIGATION AS REQUIRED AT LANDSCAPE AREAS ADJACENT TO REPLACEMENT NEW AC PAVING, CONC PAVING, AND CONC CURBS.

4. CONCRETE REPLACEMENT LOCATED AT DOORS TO BE 2% MAX SLOPE IN EA DIRECTION AT DOOR LANDING (5'-0" X 5'-0").

5. STRIPING AT PLAY AREAS AND PLAY EQUIPMENT TO BE BY OWNER.

PARTIAL SITE PLAN KEYNOTES

10. EX CONCRETE PAVING TO REMAIN

11. EX CONC STAIRS TO REMAIN

12. EX ASPHALT PAVING TO REMAIN

13. EX GRASS AREA TO REMAIN

14. EX PLANTER AREA TO REMAIN

15. EX TREE TO REMAIN

16. EX SOLAR SHADE STRUCTURE TO REMAIN

17. EX CONCRETE CURB TO REMAIN

18. EX RAMP TO REMAIN

19. EX PLAYGROUND AREA TO REMAIN

20. ASPHALT PAVING - SEE CIVIL SHEETS FOR SCOPE OF WORK

21. CONC CURB - SEE CIVIL SHEETS FOR SCOPE OF WORK

22. REMOVE EX BENCH - PATCH HOLES FOR PAVING

23. REMOVE EX TETHER BALL POLE FOR PAVING - REINSTALL AFTER PAVING

24. REMOVE/REINSTALL EX CHAIN LINK BACKSTOP FOR PAVING

25. REMOVE/REPLACE EX BASKETBALL HOOPS

26. V-GUTTER - SEE CIVIL SHEETS FOR SCOPE OF WORK

27. EX V-GUTTER TO REMAIN - FOR MORE INFORMATION SEE CIVIL SHEETS

28. SLURRY SEAL AT EX ASPHALT PAVING - SEE CIVIL SHEETS FOR SCOPE OF WORK

29. V-GUTTER MODIFICATIONS - SEE CIVIL SHEETS FOR SCOPE OF WORK

30. STORM SYSTEM DRYWELL - SEE CIVIL SHEETS FOR SCOPE OF WORK

31. REDWOOD HEADER - SEE CIVIL SHEETS FOR SCOPE OF WORK

32. PAVING PATCH FOR UTILITY REPLACEMENT/ INSTALLATION - SEE CIVIL SHEETS FOR UTILITY INFORMATION/ ROUTING - VERIFY PAVING TYPE AND PATCH TO MATCH EX ADJACENT - SAWCUT ALL EDGES

33. FLUSH CONCRETE CURB AROUND TREE WELL - VERIFY DIMENSIONS IN FIELD - SEE CIVIL SHEETS FOR SCOPE OF WORK

34. STORM DRAIN BOX - SEE CIVIL SHEETS FOR MORE INFORMATION

35. REMOVE/REINSTALL EX CHAIN LINK FENCING FOR UTILITY/ PAVING PATCH - VERIFY EXTENTS W/ CIVIL WORK - SEE CIVIL SHEETS FOR SCOPE OF WORK

36. UTILITY POINT OF CONNECTION TO EXISTING UTILITIES - SEE CIVIL SHEETS FOR SCOPE OF WORK

37. SEWER CLEAN OUT - SEE CIVIL SHEETS FOR SCOPE OF WORK

38. RESTRIPE PAVING TO MATCH EX

39. EX CHAIN LINK FENCE

40. INSTALL NEW HANDRAIL

41. INFILL EX RAILING - WELD TO EX RAILING

42. GALVANNE/PREP/PAINT WELDED CONNECTION AND NEW RAILING

43. RAMP WITH HANDRAIL

44. STAIR WITH HANDRAIL

UTILITY LEGEND

EX SEWER UNDER EX BLDG

SEWER - SEE CIVIL SHEETS FOR SCOPE OF WORK

WATER - SEE CIVIL SHEETS FOR SCOPE OF WORK

STORM DRAIN - SEE CIVIL SHEETS FOR SCOPE OF WORK

MATERIALS LEGEND

EX LANDSCAPING AND IRRIGATION - BACK FILL, INSTALL SOD AND REPAIR IRRIGATION AS REQUIRED. AREAS ADJACENT TO REPLACEMENT NEW AC PAVING, CONC PAVING, AND CONC CURBS.

REMOVE AND REPLACE LANDSCAPING AND IRRIGATION FOR UTILITY REPLACEMENT/ INSTALLATION - SEE CIVIL SHEETS FOR UTILITY INFORMATION/ ROUTING

REMOVE AND REPLACE AC PAVING AND PATCH FOR UTILITY REPLACEMENT/ INSTALLATION - SEE CIVIL SHEETS FOR UTILITY INFORMATION/ ROUTING - SAWCUT ALL EDGES

REMOVE AND REPLACE AC PAVING AND PATCH FOR UTILITY REPLACEMENT/ INSTALLATION AND REVISED GRADES - SEE CIVIL SHEETS FOR UTILITY INFORMATION/ ROUTING - SAWCUT ALL EDGES

REMOVE AND REPLACE CONC PAVING FOR UTILITY REPLACEMENT/ INSTALLATION - SEE CIVIL SHEETS FOR UTILITY INFORMATION/ ROUTING - SAWCUT ALL EDGES

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CAMPUS
INFRASTRUCTURE
UPGRADES

Mt Vernon
Elementary School
2161 Potomac Ave. Bakersfield, CA 93307
Bakersfield City School District

ARCHITECT

LICENSED ARCHITECT
JAMES PATRICK FORGYARTY
C 19670
STATE OF CALIFORNIA

JAMES PATRICK FORGYARTY, AIA
ARCHITECT C-19670

CONSULTANT

PROJECT INFO

Project No

566-0020

Date

05.29.26

DSA File No

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DSA No

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REVISIONS

No

Date

Item

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DESCRIPTION

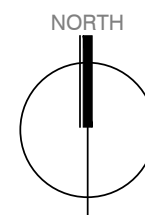
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PARTIAL SITE PLAN

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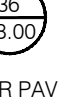
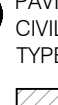
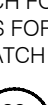
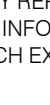
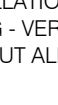
Scale: 1" = 20'



GENERAL NOTES

1. UNLESS NOTED OTHERWISE CONC. AC PAVING, PLAY AREA SURFACE AND LANDSCAPE FINISH GRADE TO MATCH EX.
2. LANDSCAPE TO REPAIR TO INCLUDE SOD AND IRRIGATION REPAIR.
3. BACK FILL, INSTALL SOD AND REPAIR IRRIGATION AS REQUIRED AT LANDSCAPE AREAS ADJACENT TO REPLACEMENT/NEW AC PAVING, CONC PAVING, AND CONC CURBS.
4. CONCRETE REPLACEMENT LOCATED AT DOORS TO BE 2% MAX SLOPE IN EA DIRECTION AT DOOR LANDING (5'-0" X 5'-0").
5. STRIPING AT PLAY AREAS AND PLAY EQUIPMENT TO BE BY OWNER.

PARTIAL SITE PLAN KEYNOTES

- | | | |
|----|--|---|
| 03 | EX CONCRETE PAVING TO REMAIN | |
| 05 | EX CONC STAIRS TO REMAIN | |
| 06 | EX ASPHALT PAVING TO REMAIN | |
| 04 | EX GRASS AREA TO REMAIN | |
| 05 | EX PLANTER AREA TO REMAIN | |
| 06 | EX TREE TO REMAIN | |
| 07 | EX SOLAR SHADE STRUCTURE TO REMAIN | |
| 08 | EX CONCRETE CURB TO REMAIN | |
| 09 | EX RAMP TO REMAIN | |
| 10 | EX PLAYGROUND AREA TO REMAIN | |
| 11 | ASPHALT PAVING - SEE CIVL SHEETS FOR SCOPE OF WORK |  |
| 12 | CONC CURB - SEE CIVL SHEETS FOR SCOPE OF WORK | |
| 13 | REMOVE EX BENCH - PATCH HOLES FOR PAVING | |
| 14 | REMOVE EX TETHER BALL POLE FOR PAVING - REINSTALL AFTER PAVING |  |
| 15 | REMOVE/REINSTALL EX CHAIN LINK BACKSTOP FOR PAVING | |
| 16 | REMOVE/REPLACE EX BASKETBALL HOOPS |  |
| 17 | V-GUTTER - SEE CIVL SHEETS FOR SCOPE OF WORK | |
| 18 | EX V-GUTTER TO REMAIN - FOR MORE INFORMATION SEE CIVL SHEETS | |
| 19 | SLURRY SEAL AT EX ASPHALT PAVING - SEE CIVL SHEETS FOR SCOPE OF WORK |  |
| 20 | V-GUTTER MODIFICATIONS - SEE CIVL SHEETS FOR SCOPE OF WORK | |
| 21 | STORM SYSTEM DRYWELL - SEE CIVL SHEETS FOR SCOPE OF WORK | |
| 22 | REDWOOD HEADER - SEE CIVL SHEETS FOR SCOPE OF WORK | |
| 23 | PAVING PATCH FOR UTILITY REPLACEMENT/INSTALLATION - SEE CIVL SHEETS FOR UTILITY INFORMATION/ ROUTING - VERIFY PAVING TIME AND PATCH TO MATCH EX ADJACENT - ASCUT ALL EDGES |  |
| 24 | FLUSH CONCRETE CURB AROUND TREE WELLS - VERIFY DIMENSIONS IN FIELD - SEE CIVL SHEETS FOR SCOPE OF WORK |  |
| 25 | STORM DRAIN BOX - SEE CIVL SHEETS FOR SCOPE OF WORK | |
| 26 | REMOVE/REINSTALL EX CHAIN LINK FENCING FOR UTILITY/ PAVING PATCH - VERIFY EXISTING W/ CIVL WORK - SEE CIVL SHEETS FOR SCOPE OF WORK | |
| 27 | UTILITY POINT OF CONNECTION TO EXISTING UTILITIES - SEE CIVL SHEETS FOR SCOPE OF WORK | |
| 28 | SEWER CLEAN OUT - SEE CIVL SHEETS FOR SCOPE OF WORK | |
| 29 | RESTRIPPE PAVING TO MATCH EX | |
| 30 | EX CHAIN LINK FENCE | |
| 31 | INSTALL NEW HANDRAIL |  |
| 32 | INFILL EX HANDRAIL - WELD TO EXIST RAILING - GALVANIZE/REPAINT WELDING CONNECTION AND NEW RAILING |  |
| 33 | RAMP WITH HANDRAIL |  |
| 34 | STAIR WITH HANDRAIL |  |

UTILITY LEGEND

- EX SEWER UNDER EX BLDG
 SEWER SEE CIVIL SHEETS FOR SCOPE OF WORK
 WATER - SEE CIVIL SHEETS FOR SCOPE OF WORK
 STORM DRAIN - SEE CIVIL SHEETS FOR SCOPE OF WORK

MATERIALS LEGEND

- | | |
|--|--|
| | EX LANDSCAPING AND IRRIGATION - BACK FILL, INSTALL SOLO AND REPAIR IRRIGATION AS REQUIRED AREAS ADJACENT TO REPLACEMENT NEW AC PAVING, CONC PAVING, AND CONC CURBS |
| | REMOVE AND REPLACE LANDSCAPING AND IRRIGATION UTILITY REPLACEMENT INSTALLATION - SEE CIVIL SHEETS FOR UTILITY INFORMATION/ROUTING |
| | REMOVE AND REPLACE AC PAVING AND PATCH FOR UTILITY REPLACEMENT INSTALLATION - SEE CIVIL SHEETS FOR UTILITY INFORMATION/ROUTING - SAWCUT ALL EDGES |
| | REMOVE AND REPLACE AC PAVING AND PATCH FOR UTILITY REPLACEMENT INSTALLATION AND REVISED GRADES - SEE CIVIL SHEETS FOR UTILITY INFORMATION/ROUTING - SAWCUT ALL EDGES |
| | REMOVE AND REPLACE CONC PAVING FOR UTILITY REPLACEMENT INSTALLATION - SEE CIVIL SHEETS FOR UTILITY INFORMATION/ROUTING - SAWCUT ALL EDGES |

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CAMPUS INFRASTRUCTURE UPGRADES

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ARCHITECT



JAMES PATRICK FOGARTY, AIA
ARCHITECT C-19670

CONSULTANT

PROJECT INFO

Project No	566-002
Date	05.28.20
DSA File No	15-4
DSA No	03-12593

REVISIONS

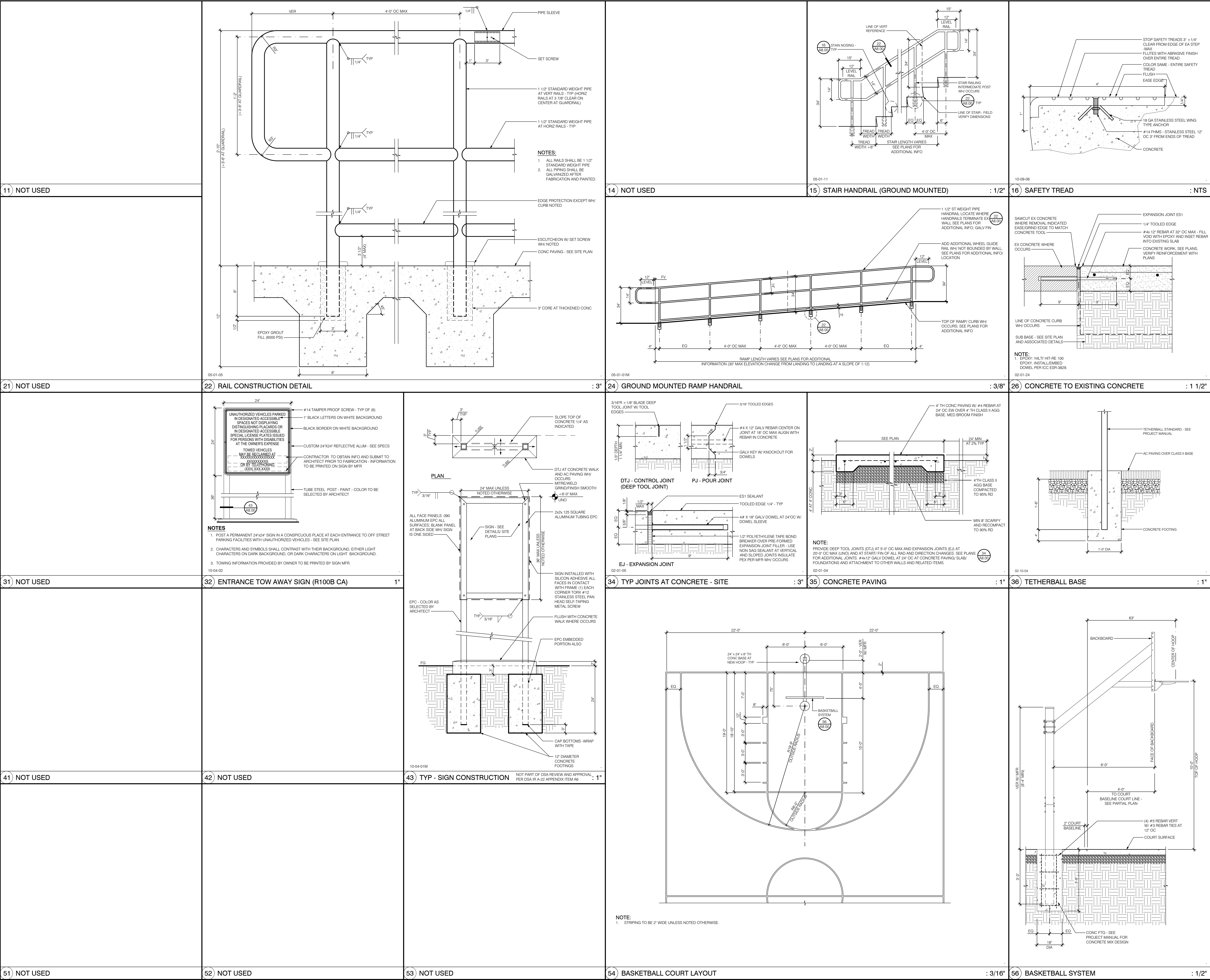
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PARTIAL SITE PLAN

A1.21



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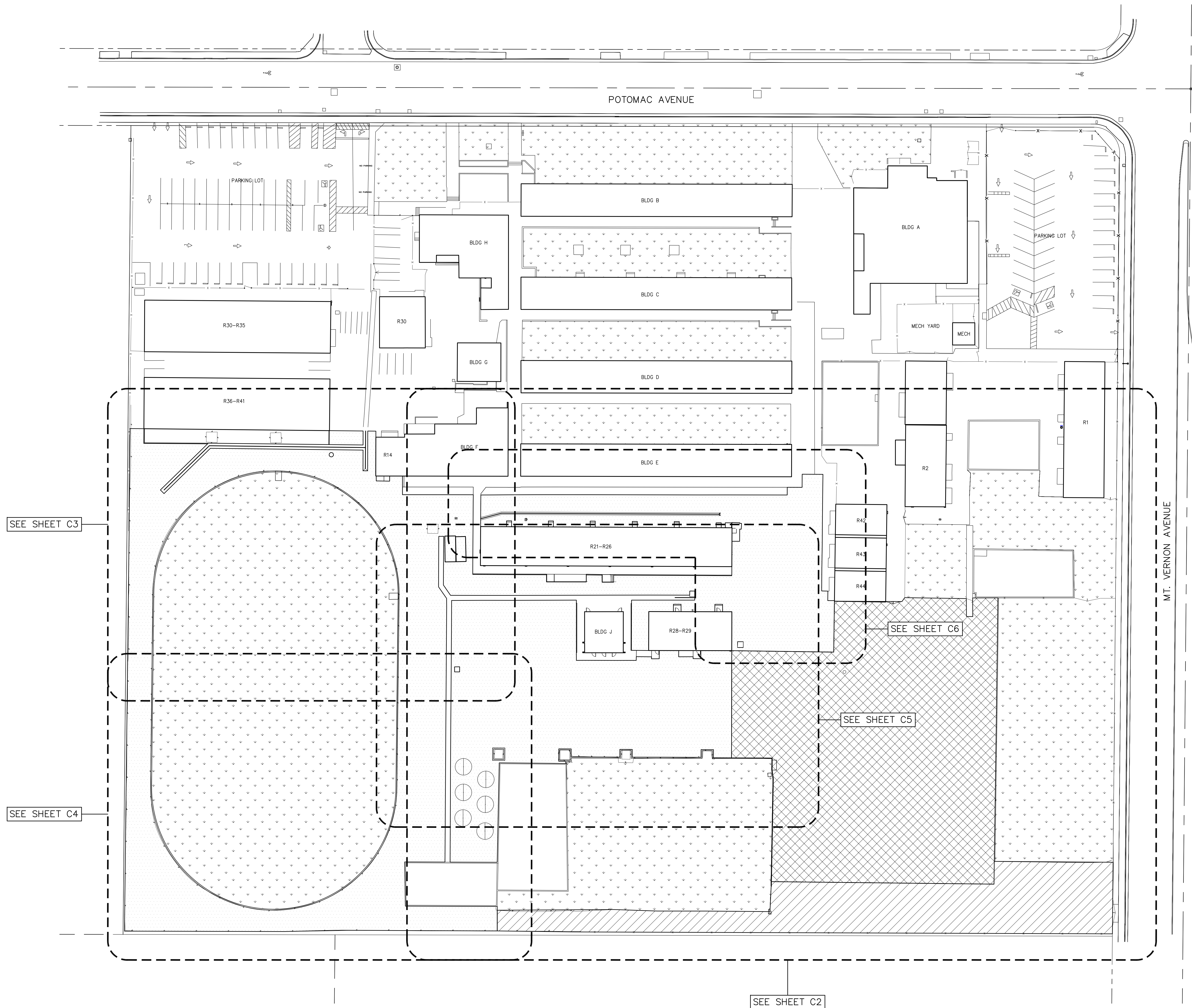
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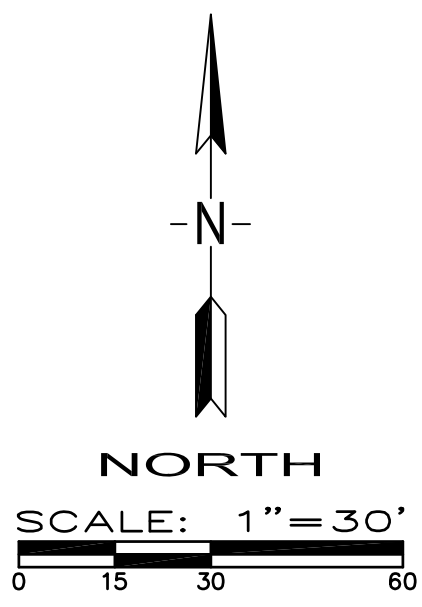
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DETAILS

A8.00



OVERALL SITE-KEY MAP



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125931 INC:
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 06/23/2026

ap
architects

3434 Truxtun Avenue, Suite 240
Bakersfield, California 93301
tel|661.327.1690 fax|661.327.7204
web|www.aparchitects.net

CAMPUS
INFRASTRUCTURE
UPGRADES

Mt. Vernon
Elementary School
2161 Potomac Ave. Bakersfield, CA 93307
Bakersfield City School District

ARCHITECT

LICENSED ARCHITECT
JAMES P. FOGARTY
RCE 74059
STATE OF CALIFORNIA

JAMES PATRICK FOGARTY, AIA
ARCHITECT C-19670

CONSULTANT

LICENSED PROFESSIONAL ENGINEER
FRED W. PORTER
RCE 74059
STATE OF CALIFORNIA

PORTER & ASSOCIATES, INC.
ENGINEERING & SURVEYING
4733 Centennial Plaza Way, Suite A
Bakersfield, California 93301
661.327.0362

PROJECT INFO

Project No	566-0020
Date	05.28.26
DSA File No	15-6
DSA No	03-125931

REVISIONS

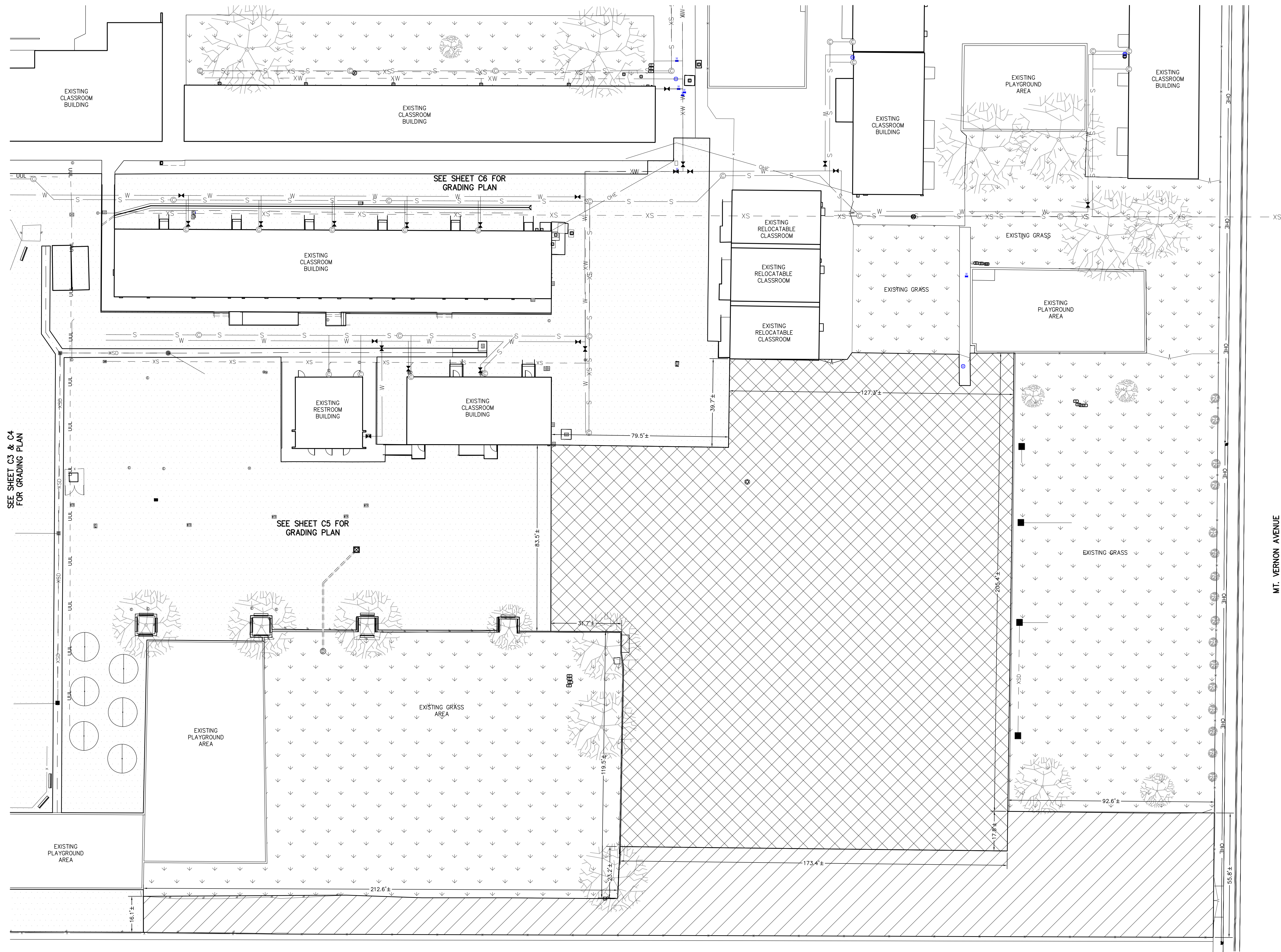
No	Date	Item
1	00.00.08	DESCRIPTION

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OVERALL SITE - KEY MAP

C1

J:\3276 Civil Improvements\3276-Civil\05-28-26\05-28-26.mxd 05/28/26 mathewcoron

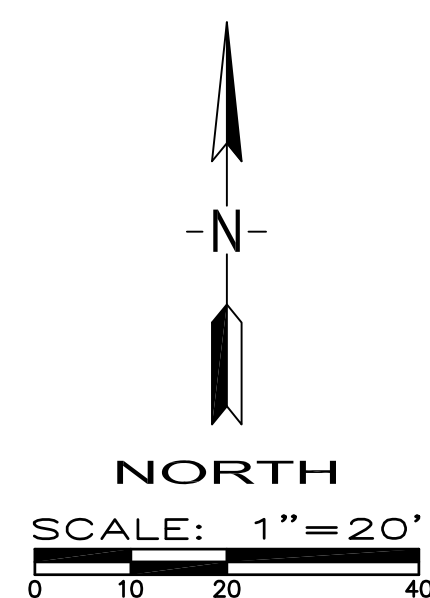
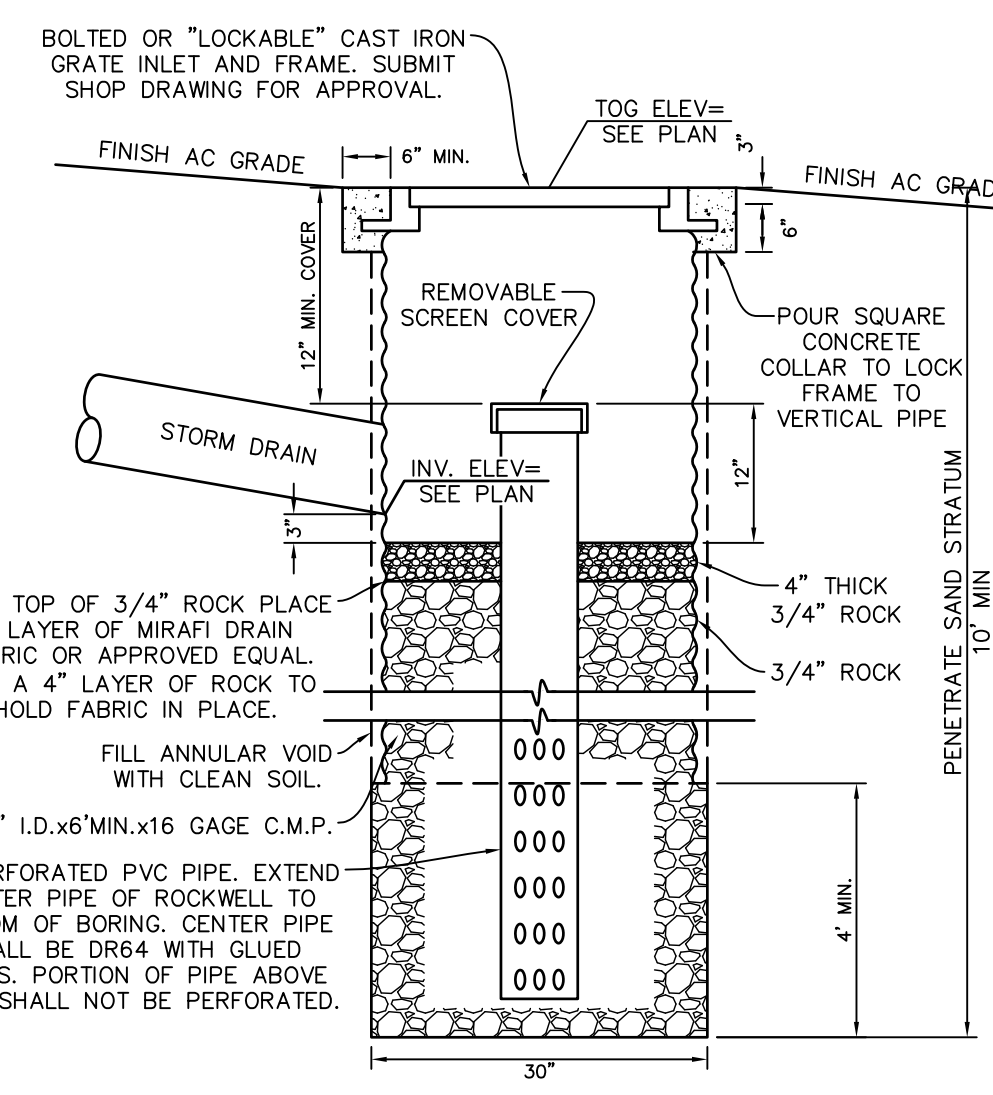
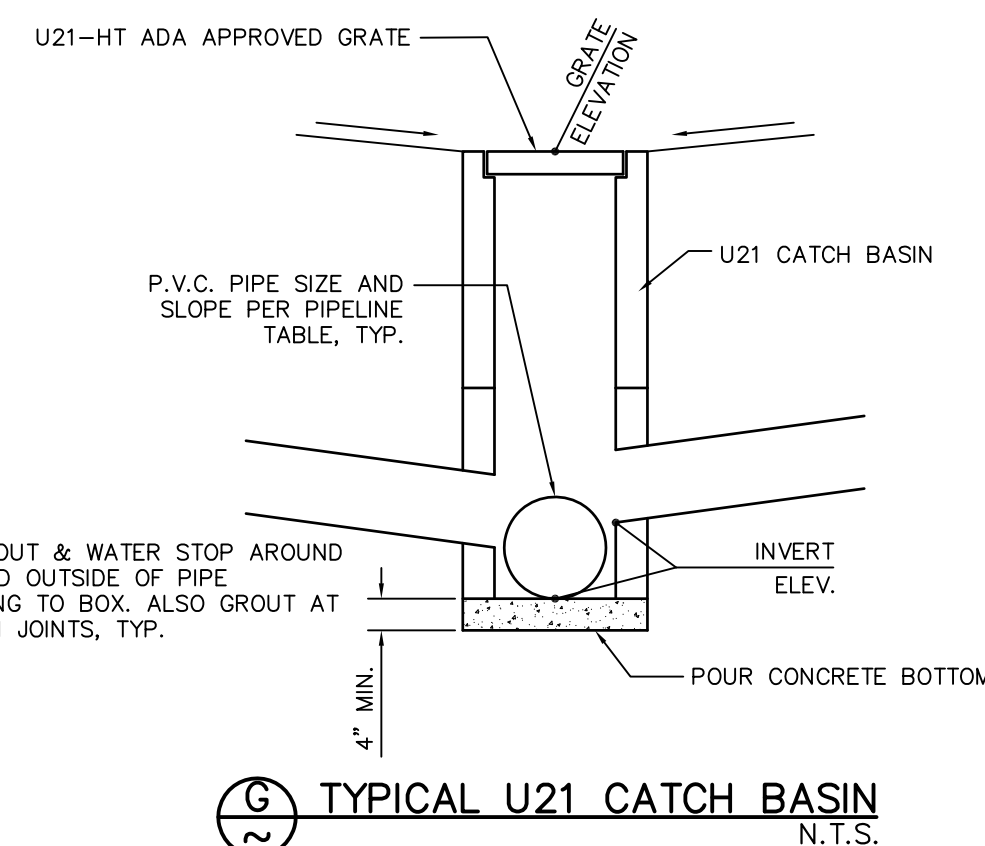
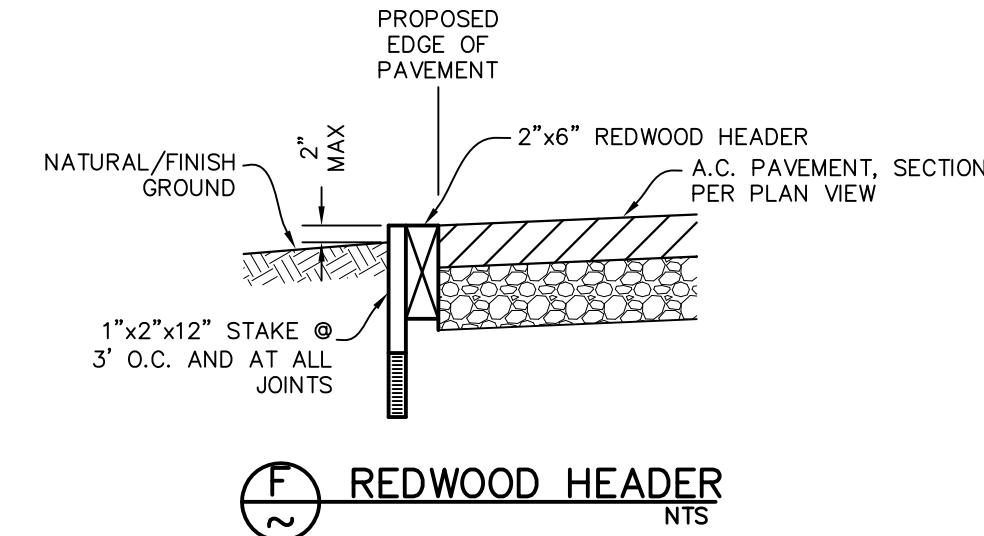
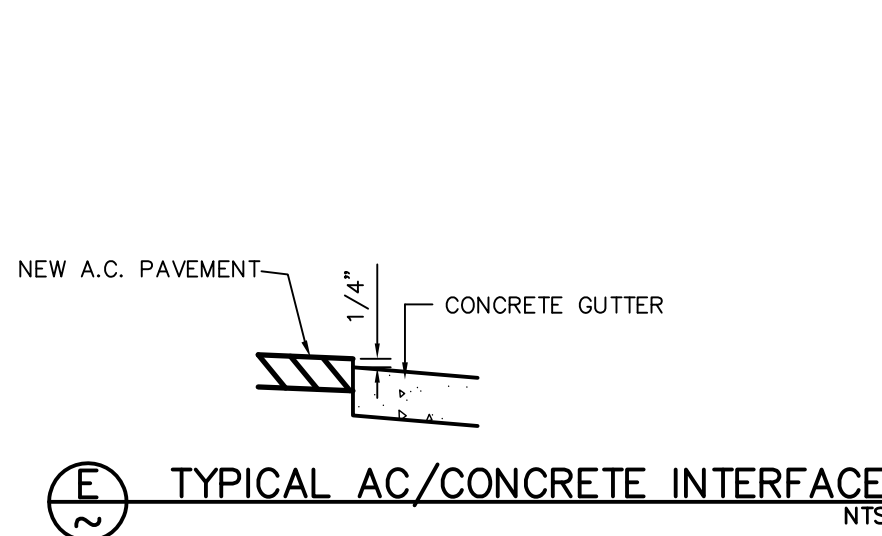
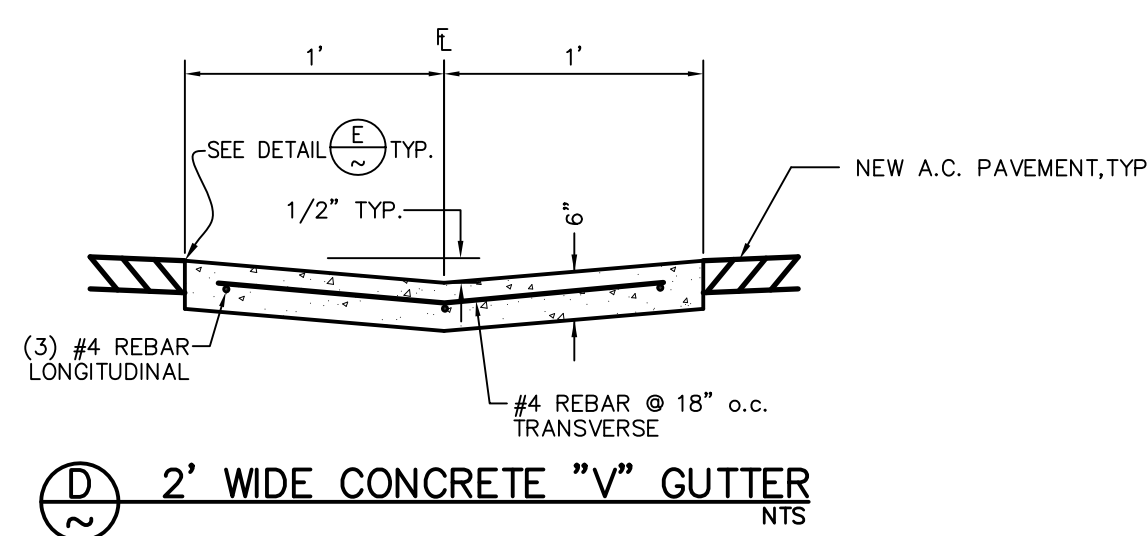
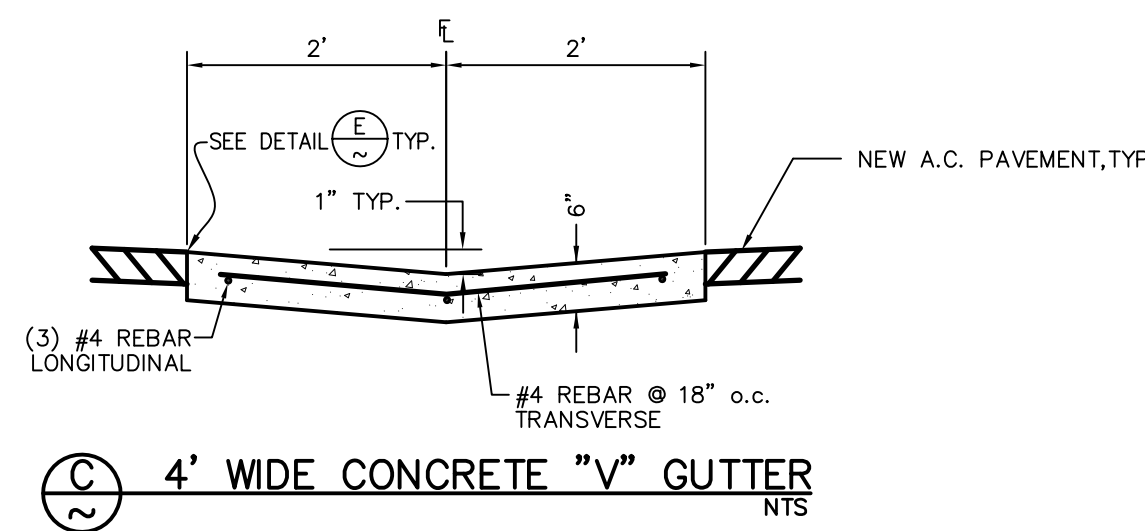
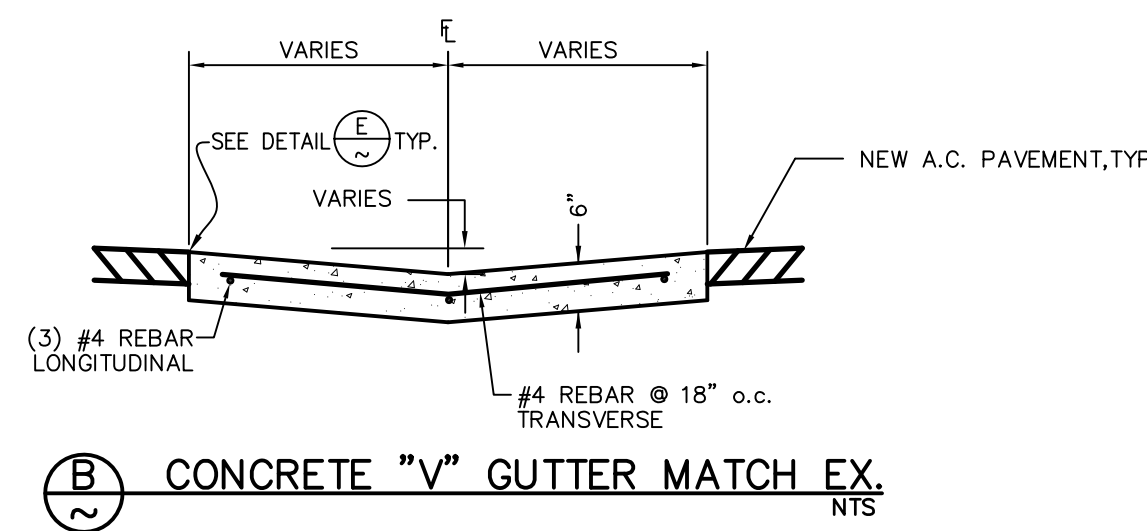
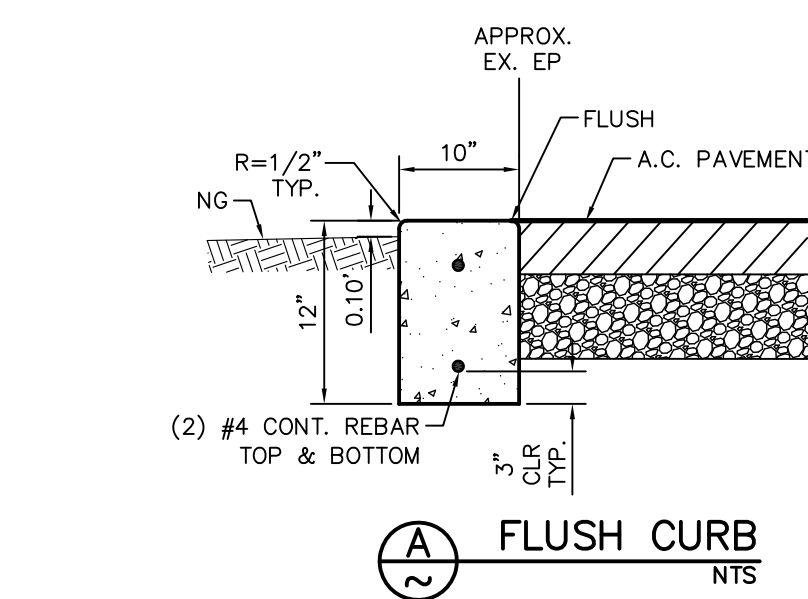
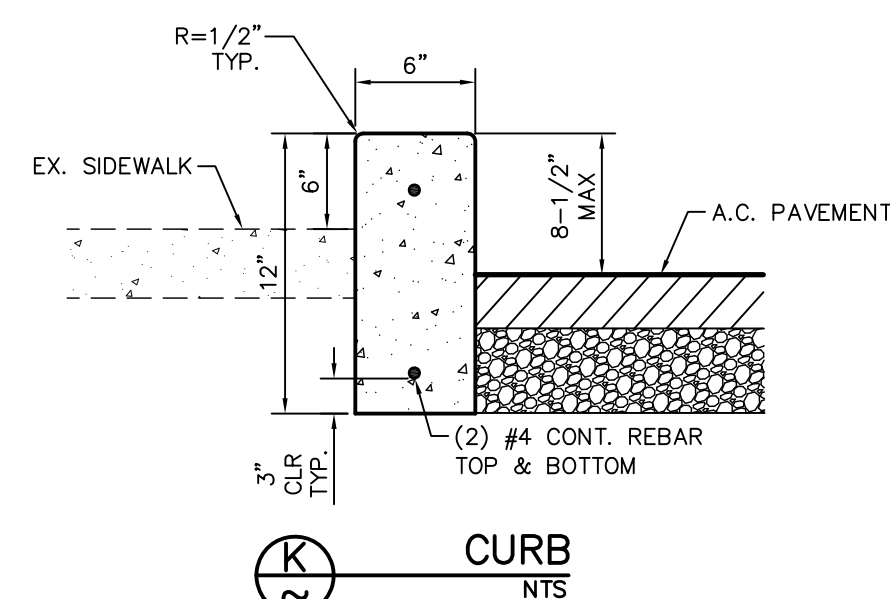
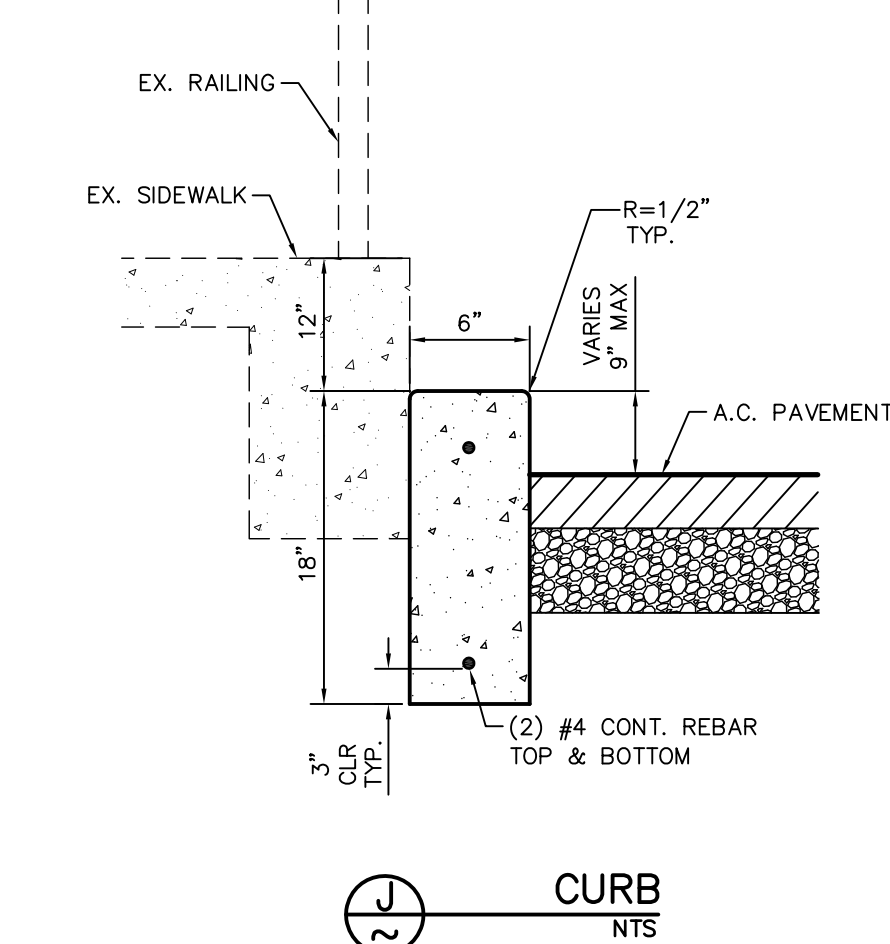


CONSTRUCTION NOTES (THIS SHEET ONLY)

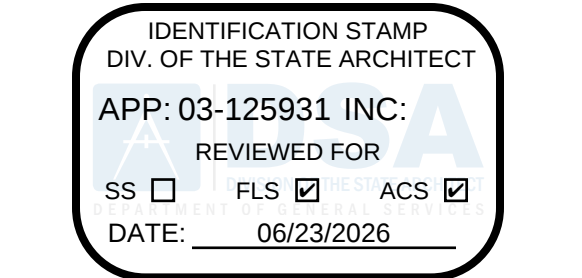
- REMOVE EXISTING PAVEMENT AND CONSTRUCT 0.25" MIN. ASPHALT PAVEMENT OVER 0.40" MIN. CLASS II AGGREGATE BASE OVER 1.0" MIN. NAT. GRD. COMPACTED TO 95% MAX DENSITY. REFER TO SHEET C2, C3 & C4 FOR COMPLETE REPLACEMENT AREAS AND DESIGN ELEVATIONS.
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- FILL ALL CRACKS AND JOINTS WITH JOINT SEALANT PER MANUFACTURER'S RECOMMENDATIONS AND SLURRY SEAL PAVEMENT.

GENERAL CONSTRUCTION NOTES FOR ALL SHEETS:

- CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, IMPROVEMENTS, UNDERGROUND UTILITIES, ETC. TO REMAIN IN PLACE AND SHALL REPAIR ANY DAMAGES DURING CONSTRUCTION ACTIVITIES.
- EXISTING UNDERGROUND UTILITIES HAVE BEEN SHOWN BASED ON AVAILABLE RECORDS. CONTRACTOR SHALL VERIFY LOCATION AND DEPTHS OF UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS. ALL UTILITIES WITHIN PAVEMENT REMEDIATION AREAS SHALL BE ADJUSTED TO FINAL GRADE. CONCRETE COLLARS SHALL BE INSTALLED AROUND ALL CLEANOUTS, MANHOLES, VALVE BOXES, ETC. WITHIN PAVEMENT REMEDIATION AREAS.
- CONTRACTOR SHALL COORDINATE RELOCATION AND/OR REPAIR OF IRRIGATION WITH DISTRICT PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE REMOVAL AND REPLACEMENT OF ALL POLES, BENCHES, BACKSTOPS, ETC. WITHIN PLAYGROUND AREA WITH DISTRICT PRIOR TO CONSTRUCTION.
- ADD 300' TO ALL DESIGN GRADES.
- SEE ARCHITECTURAL PLANS FOR ADDITIONAL NOTES AND DETAILS.



PAVEMENT REMEDIATION PLAN



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PAVEMENT REMEDIATION PLAN

C2

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ARCHITECT



CONSULTANT



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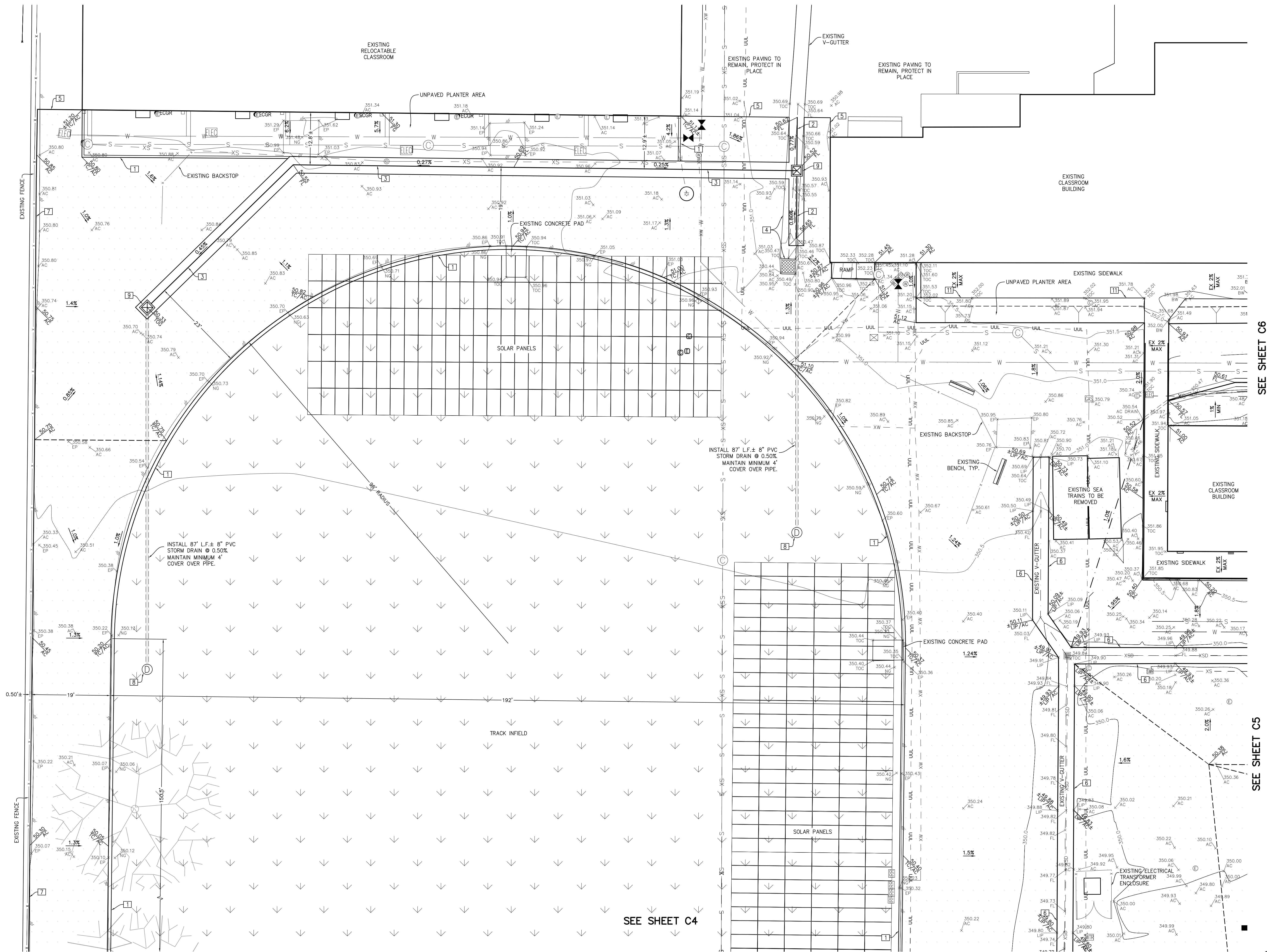
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PAVEMENT REMEDIATION/
GRADING PLAN

C3



TOPO LEGEND:

---	EDGE OF PAVEMENT
---	EXISTING CHAIN-LINK FENCE
---	EXISTING ELECTRICAL LINE
---	EXISTING POKE GAS LINE
---	EXISTING WATER MAIN
---	EXISTING STORM DRAIN
---	EXISTING SEWER MAIN
---	EXISTING OVERHEAD ELECTRICAL LINE
---	EXISTING UNDERGROUND UTILITY LINE
---	EXISTING UNKNOWN UTILITY LID
---	EXISTING WATER BOX
---	EXISTING GAS VALVE
---	EXISTING ELECTRICAL BOX
---	EXISTING SEWER BOX
---	EXISTING IRRIGATION CONTROL VALVE
---	EXISTING SEWER CLEAOUT
---	EXISTING WATER LID
---	EXISTING ELECTRICAL GROUND BOX
---	EXISTING GAS VALVE
---	EXISTING LIGHT STANDARD
---	EXISTING TREE (SIZE VARIES)
---	EXISTING CONTOUR WITH ELEVATION
---	EXISTING GRADE

BENCHMARK USED

NAIL SET IN ASPHALT ON EAST SIDE OF TRACK
(SEE PLAN VIEW FOR LOCATION).
ELEVATION = 350.00 FEET (ASSUMED)

GRADING DESIGN LEGEND

---	DESIGN GRADE
---	DESIGN SLOPE

ABBREVIATIONS

AC	ASPHALT CONCRETE
FF	FINISHED FLOOR
NC	FINISHED PAD
EX	EXISTING
MAX	MAXIMUM
MIN	MINIMUM
GB	GRADE BREAK
FS	FINISHED SURFACE
TC	TYPICAL
TC	TOP OF CURB
MAN	MANHOLE
AB	THIS SHEET
NC	AGGREGATE BASE
EP	NATURAL GROUND
TOC	EDGE OF PAVEMENT
SM	TOP OF CONCRETE
---	SIMILAR

CONSTRUCTION NOTES

- REMOVE EXISTING PAVEMENT AND CONSTRUCT 0.25" MIN. ASPHALT PAVEMENT OVER 0.40" MIN. CLASS II AGGREGATE BASE OVER 1.0" MIN. NAT. GRD. COMPACTED TO 95% MAX DENSITY. REFER TO SHEET C2, C3 & C4 FOR COMPLETE REPLACEMENT AREAS AND DESIGN ELEVATIONS.
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- FILL ALL CRACKS AND JOINTS WITH JOINT SEALANT PER MANUFACTURER'S RECOMMENDATIONS AND SLURRY SEAL PAVEMENT.

- CONSTRUCT FLUSH CURB PER DETAIL (A/C2).
- CONSTRUCT V-GUTTER PER DETAIL (B/C2). MATCH EXISTING WIDTH AND GUTTER UP HEIGHT.
- CONSTRUCT 4" WIDE V-GUTTER PER DETAIL (C/C2).
- REMOVE EXISTING V-GUTTER AND DRAIN BOX. CONTRACTOR SHALL VERIFY IF EXISTING DRAIN BOX IS DRYWELL. IF DRYWELL, TIE-IN PROPOSED DRAIN TO DRYWELL OR TIE-IN PROPOSED DRAIN TO EXISTING STORM DRAIN LINE.
- SAWCUT ASPHALT TO NEAT, CLEAN VERTICAL FACE AND MATCH EXISTING.

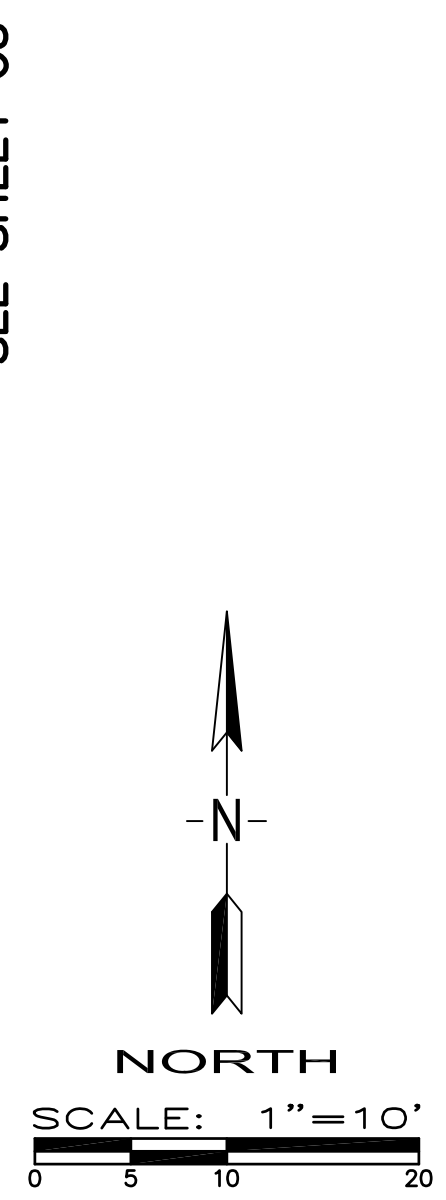
CONSTRUCTION NOTES CONT.

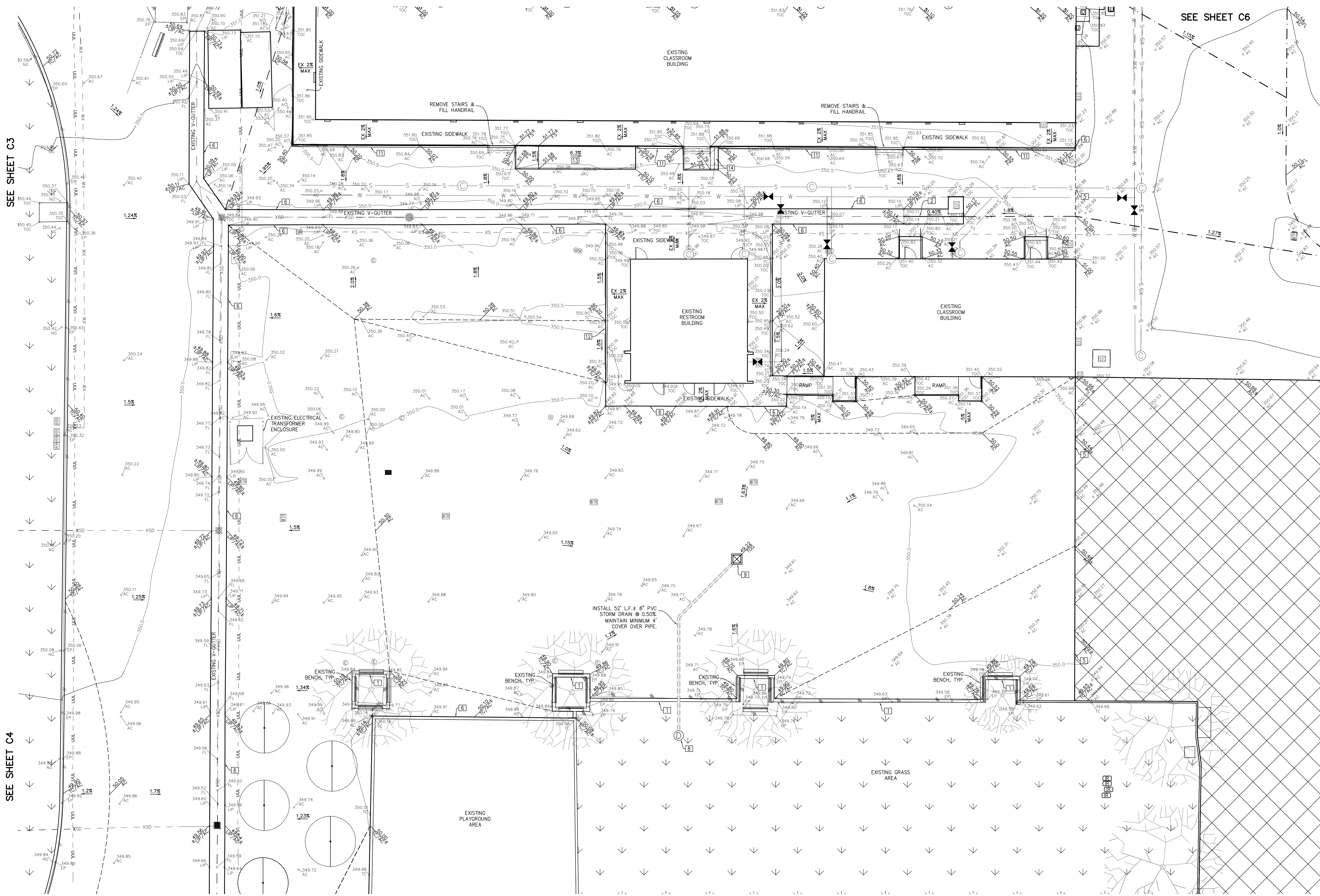
- MATCH EXISTING CONCRETE GRADE.
- INSTALL REDWOOD HEADER PER DETAIL (F/C2).
- CONSTRUCT DRY WELL PER DETAIL (G/C2).
- INSTALL CHRISY U21 DRAIN BOX WITH U21-HT GRATE PER DETAIL (H/C2).
- CONSTRUCT 2" WIDE V-GUTTER PER DETAIL (I/C2).
- VERIFY DEPTH OF EXISTING CONCRETE WALK/WALL AND CONSTRUCT CURB PER DETAIL (J/C2) IF EXISTING CONCRETE IS LESS THAN 12" BELOW PROPOSED ASPHALT GRADE.
- VERIFY HEIGHT OF EXISTING CONCRETE CURB AND RE-CONSTRUCT CURB PER DETAIL (K/C2) IF EXISTING CURB IS LESS THAN 12" IN HEIGHT.
- CONSTRUCT ACCESSIBLE RAMP WITH HANDRAILS PER ARCHITECTURAL PLANS.
- REMOVE EXISTING STAIRS AND CONSTRUCT NEW STAIRS WITH 3 RISERS AND HANDRAILS PER ARCHITECTURAL PLANS.

GENERAL CONSTRUCTION NOTES FOR ALL SHEETS:

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- ADD 300' TO ALL DESIGN GRADES.
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PAVEMENT REMEDIATION/GRADING PLAN





TOPO LEGEND:

---	EDGE OF PAVEMENT
---	EXISTING CHAIN-LINK FENCE
---	EXISTING ELECTRICAL LINE
---	EXISTING POKE GAS LINE
---	EXISTING WATER MAIN
---	EXISTING STORM DRAIN
---	EXISTING SEWER MAIN
---	EXISTING OVERHEAD ELECTRICAL LINE
---	EXISTING UNDERGROUND UTILITY LINE
---	EXISTING UNKNOWN UTILITY LID
---	EXISTING WATER BOX
---	EXISTING GAS VALVE
---	EXISTING ELECTRICAL BOX
---	EXISTING SEWER BOX
---	EXISTING IRRIGATION CONTROL VALVE
---	EXISTING SEWER CLEAOUT
---	EXISTING WATER LID
---	EXISTING ELECTRICAL GROUND BOX
---	EXISTING GAS VALVE
---	EXISTING LIGHT STANDARD
---	EXISTING GRATE
---	EXISTING TREE (SIZE VARIES)
---	EXISTING CONTOUR WITH ELEVATION
---	EXISTING GRADE

BENCHMARK USED
NAIL SET IN ASPHALT ON EAST SIDE OF TRUCK
(SEE PLAN VIEW FOR LOCATION).
ELEVATION = 350.00 FEET (ASSUMED)

GRADING DESIGN LEGEND

---	DESIGN GRADE
---	DESIGN SLOPE

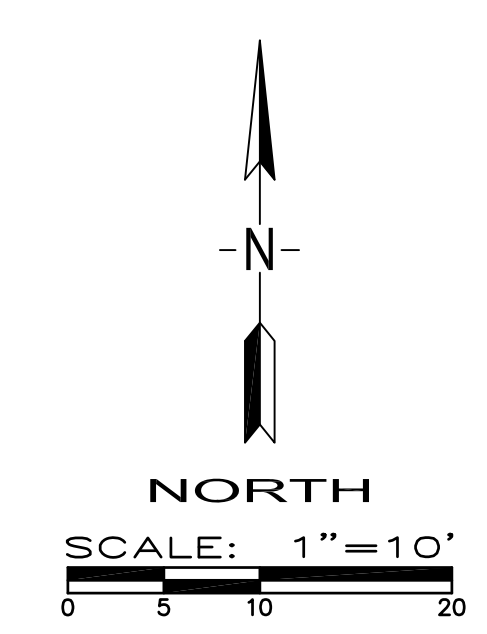
ABBREVIATIONS

AC	ASPHALT CONCRETE
FF	FINISHED FLOOR
EX	EXISTING
MAX	MAXIMUM
MIN	MINIMUM
GB	GRADE BREAK
FS	FINISHED SURFACE
TC	TYPICAL
TOP	TOP OF CURB
MANH	MANHOLE
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TOC	TOP OF CONCRETE
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- CONSTRUCTION NOTES**
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 - CONSTRUCT V-GUTTER PER DETAIL (B-1). MATCH EXISTING WIDTH AND GUTTER LIP HEIGHT.
 - CONSTRUCT 4" WIDE V-GUTTER PER DETAIL (C-2).
 - REMOVE EXISTING V-GUTTER AND DRAIN BOX. CONTRACTOR SHALL VERIFY IF EXISTING DRAIN BOX IS DRYWELL. IF DRYWELL, TIE-IN PROPOSED DRAIN TO DRYWELL OR TIE-IN PROPOSED DRAIN TO EXISTING STORM DRAIN LINE.
 - SAWCUT ASPHALT TO NEAT, CLEAN VERTICAL FACE AND MATCH EXISTING.

- CONSTRUCTION NOTES CONT.**
- MATCH EXISTING CONCRETE GRADE.
 - INSTALL REDWOOD HEADER PER DETAIL (D-2).
 - CONSTRUCT DRY WELL PER DETAIL (E-2).
 - INSTALL CHRISTY U21 DRAIN BOX WITH U21-HT GRATE PER DETAIL (G-1).
 - CONSTRUCT 2" WIDE V-GUTTER PER DETAIL (B-2).
 - VERIFY DEPTH OF EXISTING CONCRETE WALK/WALL AND CONSTRUCT CURB PER DETAIL (A-2) IF EXISTING CONCRETE IS LESS THAN 12" BELOW PROPOSED ASPHALT GRADE.
 - VERIFY HEIGHT OF EXISTING CONCRETE CURB AND RE-CONSTRUCT CURB PER DETAIL (A-2) IF EXISTING CURB IS LESS THAN 12" IN HEIGHT.
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PAVEMENT REMEDIATION/GRADING PLAN

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**PAVEMENT REMEDIATION/
GRADING PLAN**

C5

\\3278\G:\Improvements\05276-C.dwg 05/26/26 mathewcoran



Mt Vernon
Elementary School

ARCHITECT



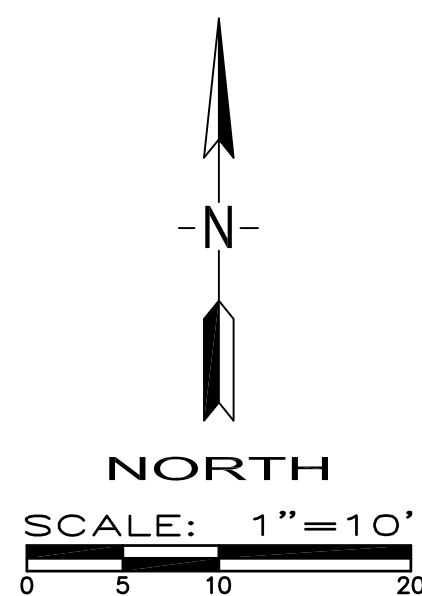
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CONTRACT NO. _____

C6



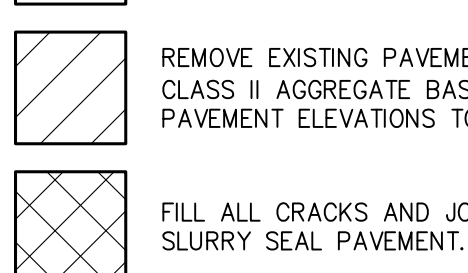
	EDGE OF PAVEMENT
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	EXISTING PG&E GAS LINE
	EXISTING WATER MAIN
	EXISTING STORM DRAIN
	EXISTING SEWER MAIN
	EXISTING OVERHEAD ELECTRICAL LINE
	EXISTING UNDERGROUND UTILITY LINE
	EXISTING UNKNOWN UTILITY LINE
	EXISTING WATER BOX
	EXISTING GAS VALVE
	EXISTING ELECTRICAL BOX
	EXISTING SEWER BOX
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	EXISTING SEWER CLEANOUT
	EXISTING WATER LID
	EXISTING ELECTRICAL GROUND BOX
	EXISTING GAS VALVE
	EXISTING LIGHT STAND
	EXISTING GRATE
	EXISTING TREE (SIZE VARIES)
	EXISTING CONTOUR WITH ELEVATION
	EXISTING GRADE

ELEVATION = 350.00 FEET (ASSUMED)

~~194.83~~ DESIGN GRADE
2.0% DESIGN SLOPE

AC	ASPHALT CONCRETE
FF	FINISHED FLOOR
FP	FINISHED PAD
EX	EXISTING
MAX	MAXIMUM
MIN	MINIMUM
GB	GRADE BREAK
FS	FINISHED SURFACE
TYP.	TYPICAL
TC	TOP OF CURB
MH	MANHOLE
~	THIS SHEET
AB	AGGREGATE BASE
NG	NATURAL GROUND
EP	EDGE OF PAVEMENT
TOC	TOP OF CONCRETE
SIM.	SIMILAR

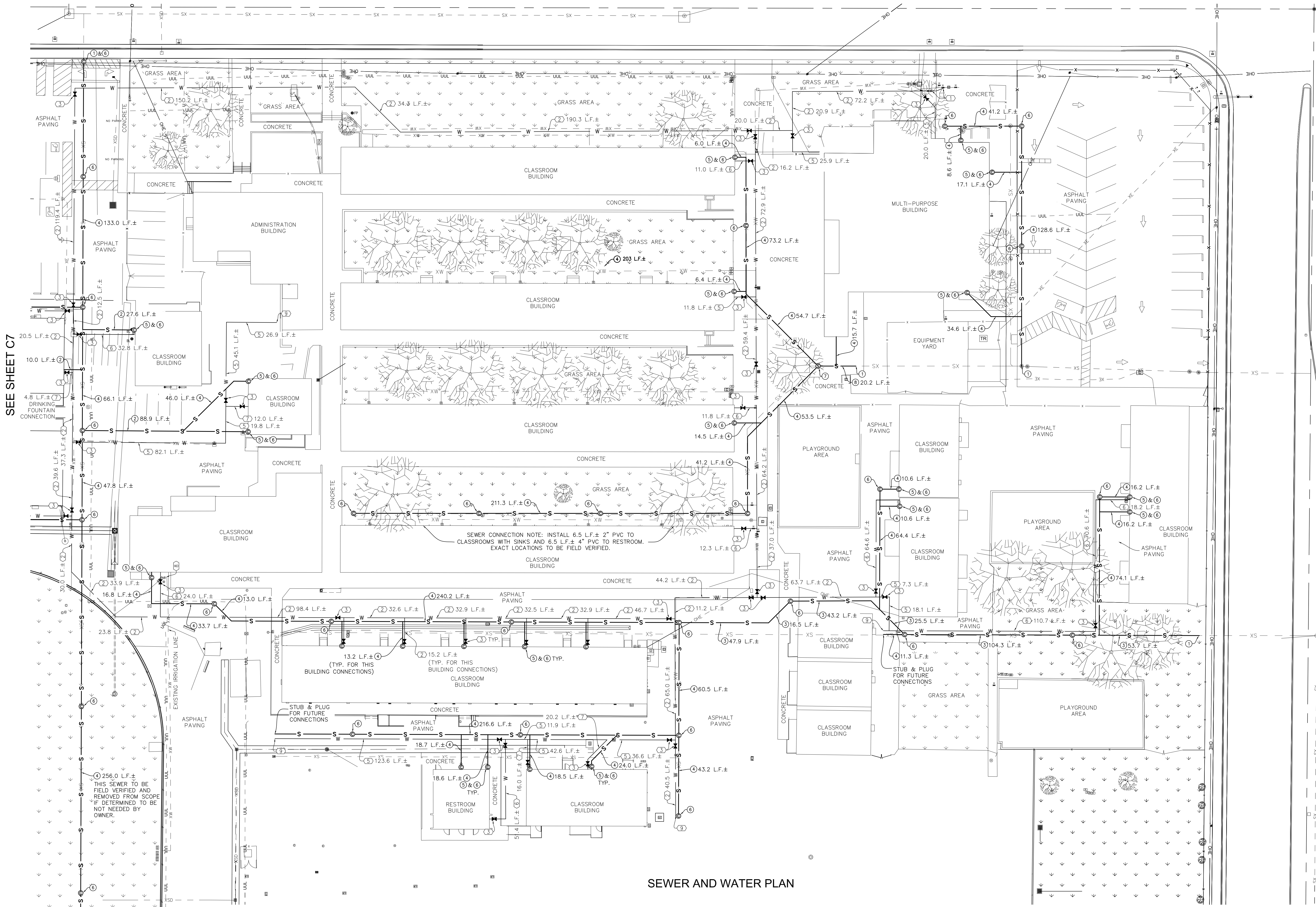
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1. CONSTRUCT FLUSH CURB PER DETAIL $\left(\frac{A}{C2}\right)$.
2. CONSTRUCT V-GUTTER PER DETAIL $\left(\frac{B}{C2}\right)$. MATCH EXISTING WIDTH AND GUTTER LIP HEIGHT.
3. CONSTRUCT 4' WIDE V-GUTTER PER DETAIL $\left(\frac{C}{C2}\right)$.
4. REMOVE EXISTING V-GUTTER AND DRAIN BOX. CONTRACTOR SHALL VERIFY IF EXISTING DRAIN BOX IS DRYWELL. IF DRYWELL, TIE-IN PROPOSED DRAIN TO DRYWELL OR TIE-IN PROPOSED DRAIN TO EXISTING STORM DRAIN LINE.
5. SAWCUT ASPHALT TO NEAT. CLEAN VERTICAL FACE AND MATCH EXISTING.

- 6 MATCH EXISTING CONCRETE GRADE.
- 7 INSTALL REDWOOD HEADER PER DETAIL $\left(\frac{F}{C2}\right)$.
- 8 CONSTRUCT DRY WELL PER DETAIL $\left(\frac{H}{C2}\right)$.
- 9 INSTALL CHRISTY U21 DRAIN BOX WITH U21-HT GRATE PER DETAIL $\left(\frac{G}{C2}\right)$.
- 10 CONSTRUCT 2' WIDE V-GUTTER PER DETAIL $\left(\frac{D}{C2}\right)$.
- 11 VERIFY DEPTH OF EXISTING CONCRETE WALK/WALL AND CONSTRUCT CURB PER DETAIL $\left(\frac{J}{C2}\right)$ IF EXISTING CONCRETE IS LESS THAN 12" BELOW PROPOSED ASPHALT GRADE.
- 12 VERIFY HEIGHT OF EXISTING CONCRETE CURB AND RE-CONSTRUCT CURB PER DETAIL $\left(\frac{K}{C2}\right)$ IF EXISTING CURB IS LESS THAN 12" IN HEIGHT.
- 13 CONSTRUCT ACCESSIBLE RAMP WITH HANDRAILS PER ARCHITECTURAL PLANS.
- 14 REMOVE EXISTING STAIRS AND CONSTRUCT NEW STAIRS WITH 3 RISERS AND HANDRAILS PER ARCHITECTURAL PLANS.

1. CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, IMPROVEMENTS, UNDERGROUND UTILITIES, ETC. TO REMAIN IN PLACE AND SHALL REPAIR ANY DAMAGES DURING CONSTRUCTION ACTIVITIES.
2. EXISTING UNDERGROUND UTILITIES HAVE BEEN SHOWN BASED ON AVAILABLE RECORDS. CONTRACTOR SHALL VERIFY LOCATION AND DEPTHS OF UTILITIES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS. ALL UTILITIES WITHIN PAVEMENT REMEDIATION AREAS SHALL BE ADJUSTED TO FINAL GRADE. CONCRETE COLLARS SHALL BE INSTALLED AROUND ALL CLEANOUTS, MANHOLES, VALVE BOXES, ETC. WITHIN PAVEMENT REMEDIATION AREAS.
3. CONTRACTOR SHALL COORDINATE RELOCATION AND/OR REPAIR OF IRRIGATION WITH DISTRICT PRIOR TO CONSTRUCTION.
4. CONTRACTOR SHALL COORDINATE REMOVAL AND REPLACEMENT OF ALL POLES, BENCHES, BACKSTOPS, ETC. WITHIN PLAYGROUND AREA WITH DISTRICT PRIOR TO CONSTRUCTION.
5. ADD 300' TO ALL DESIGN GRADES.
6. SEE ARCHITECTURAL PLANS FOR ADDITIONAL NOTES AND DETAILS.



SEWER AND WATER PLAN

WATER CONSTRUCTION NOTES

1. TIE INTO EXISTING CAL. WATER SERVICE AND METER AND INSTALL 4" WILKINS 375AST LEAD FREE REDUCED PRESSURE PRINCIPLE ASSEMBLY PER MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR SHALL VERIFY EXACT LOCATION OF WATER METER IN FIELD AND NOTIFY ENGINEER IF THERE ARE ANY DISCREPANCIES.
2. INSTALL 4" PVC DOMESTIC WATER LINE, APPROXIMATE DISTANCE SHOWN IN PLAN VIEW.
3. INSTALL WATER SHUTOFF VALVE PER DETAIL (B) C8.
4. TIE INTO EXISTING WATER LINE AT BUILDING POC. INSTALL WATER SHUTOFF VALVE AT BUILDING PER DETAIL (B) C8. CONTRACTOR SHALL VERIFY EXACT LOCATION AND SIZE OF WATER LINE IN FIELD AND NOTIFY ENGINEER IF THERE ARE ANY DISCREPANCIES.
5. INSTALL 2 1/2" PVC DOMESTIC WATER LINE, APPROXIMATE DISTANCE SHOWN IN PLAN VIEW.
6. INSTALL 2" PVC DOMESTIC WATER LINE, APPROXIMATE DISTANCE SHOWN IN PLAN VIEW.
7. INSTALL 1 1/2" PVC DOMESTIC WATER LINE, APPROXIMATE DISTANCE SHOWN IN PLAN VIEW.
8. VERIFY IRRIGATION LINE CONNECTION AND RECONNECT AS NECESSARY.
9. CAP FOR FUTURE CONNECTION BY DISTRICT.

- NOTE:
1. INSTALL DETECTABLE WARNING TAPE OVER WATER PIPE.
 2. INSTALL THRUST BLOCKS ON 4" AND LARGER WATER MAINS PER DETAIL (C) C8.
 3. TOTAL LENGTH SHOWN FOR WATER LINES TO BUILDINGS.

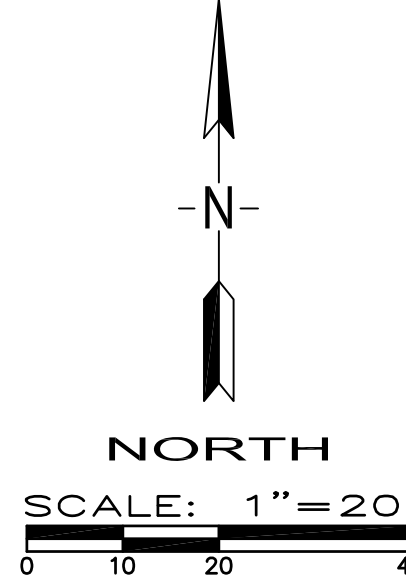
SEWER CONSTRUCTION NOTES

1. TIE INTO EXISTING SEWER LINE. CONTRACTOR SHALL VERIFY EXACT LOCATION AND DEPTH OF EXISTING SEWER IN FIELD AND NOTIFY ENGINEER IF THERE ARE ANY DISCREPANCIES.
2. INSTALL 2" PVC SEWER, SLOPE @ 2% MIN.
3. INSTALL 6" PVC SEWER, SLOPE @ 1% MIN.
4. INSTALL 4" PVC SEWER, SLOPE @ 2% MIN.
5. TIE INTO EXISTING SEWER LINE AT BUILDING POC. CONTRACTOR SHALL VERIFY EXACT LOCATION, SIZE AND DEPTH OF EXISTING SEWER IN FIELD AND NOTIFY ENGINEER IF THERE ARE ANY DISCREPANCIES.
6. CONSTRUCT SEWER CLEANOUT PER DETAIL (A) C8 AT 100' MAX. SPACING.
7. CONSTRUCT SEWER MANHOLE PER DETAIL (B) C8.
8. INSTALL 8" PVC SEWER, SLOPE @ 0.50% MIN.

- NOTE:
1. CONTRACTOR SHALL VERIFY ALL POINTS OF CONNECTION IN THE FIELD PRIOR TO BID.
 2. CONTRACTOR SHALL REVIEW EXISTING ON-SITE SEWER LOCATIONS AND SIZES WITH OWNER PRIOR TO BID AND INCLUDE ADDITIONAL LINES NOT SHOWN ON PLAN.
 3. LATERAL CONNECTIONS TO MAINS THAT DO NOT OCCUR IN JUNCTION BOXES SHALL BE MADE WITH 45' ELLS OR WYES FOR CLEANOUT PURPOSES.
 4. INSTALL DETECTABLE WARNING TAPE OVER SEWER PIPE.

NOTE TO CONTRACTOR
CONTRACTOR SHALL REVIEW EXISTING SITE CONDITIONS IN FIELD PRIOR TO BID.

NOTE TO CONTRACTOR
ALL MANHOLES AND CLEANOUTS WITHIN PROJECT LIMITS, INCLUDING EXISTING MANHOLES, SHALL BE ADJUSTED TO FINISH GRADE IN ACCORDANCE WITH COUNTY OF KERN STANDARDS. EXISTING MANHOLES MAY REQUIRE REMOVAL OF EXISTING CONE, AND REMOVAL OR "CHANGE OUT" OF BARREL RINGS.



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 03-125931 INC.
REVIEWED FOR
SS ☐ FLS ☒ ACS ☒
DATE: 06/23/2026

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CAMPUS
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UPGRADES

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Bakersfield City School District

ARCHITECT

JAMES PATRICK FOGARTY, AIA
ARCHITECT C-196670

CONSULTANT

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4733 Centennial Plaza Way, Suite A
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PROJECT INFO
Project No 566-0020
Date 05.28.26
DSA File No 15-6
DSA No 03-125931

REVISIONS
No Date Item
1 00.00.08 DESCRIPTION

THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF THE ADDITION PARTNERSHIP. ALL DESIGNS AND DRAWINGS ARE FOR THE USE ON THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE ADDITION PARTNERSHIP. WRITTEN SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS SHALL BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.
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SEWER AND WATER PLAN

C7

WATER CONSTRUCTION NOTES

1. TIE INTO EXISTING CAL. WATER SERVICE AND METER AND INSTALL 4" WILKINS 375AST LEAD FREE REDUCED PRESSURE PRINCIPLE ASSEMBLY PER MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR SHALL VERIFY EXACT LOCATION OF WATER METER IN FIELD AND NOTIFY ENGINEER IF THERE ARE ANY DISCREPANCIES.
2. INSTALL 4" PVC DOMESTIC WATER LINE, APPROXIMATE DISTANCE SHOWN IN PLAN VIEW.
3. INSTALL WATER SHUTOFF VALVE PER DETAIL (B/C8).
4. TIE INTO EXISTING WATER LINE AT BUILDING POC. INSTALL WATER SHUTOFF VALVE AT BUILDING PER DETAIL (B/C8). CONTRACTOR SHALL VERIFY EXACT LOCATION AND SIZE OF WATER LINE IN FIELD AND NOTIFY ENGINEER IF THERE ARE ANY DISCREPANCIES.
5. INSTALL 2 1/2" PVC DOMESTIC WATER LINE, APPROXIMATE DISTANCE SHOWN IN PLAN VIEW.
6. INSTALL 2" PVC DOMESTIC WATER LINE, APPROXIMATE DISTANCE SHOWN IN PLAN VIEW.
7. INSTALL 1 1/2" PVC DOMESTIC WATER LINE, APPROXIMATE DISTANCE SHOWN IN PLAN VIEW.
8. VERIFY IRRIGATION LINE CONNECTION AND RECONNECT AS NECESSARY.
9. CAP FOR FUTURE CONNECTION BY DISTRICT.

- NOTE:
1. INSTALL DETECTABLE WARNING TAPE OVER WATER PIPE.
 2. INSTALL THRUST BLOCKS ON 4" AND LARGER WATER MAINS PER DETAIL (C/C8).
 3. TOTAL LENGTH SHOWN FOR WATER LINES TO BUILDINGS.

SEWER CONSTRUCTION NOTES

1. TIE INTO EXISTING SEWER LINE. CONTRACTOR SHALL VERIFY EXACT LOCATION AND DEPTH OF EXISTING SEWER IN FIELD AND NOTIFY ENGINEER IF THERE ARE ANY DISCREPANCIES.
2. INSTALL 2" PVC SEWER. SLOPE @ 2% MIN.
3. INSTALL 6" PVC SEWER. SLOPE @ 1% MIN.
4. INSTALL 4" PVC SEWER. SLOPE @ 2% MIN.
5. TIE INTO EXISTING SEWER LINE AT BUILDING POC. CONTRACTOR SHALL VERIFY EXACT LOCATION, SIZE AND DEPTH OF EXISTING SEWER IN FIELD AND NOTIFY ENGINEER IF THERE ARE ANY DISCREPANCIES.
6. CONSTRUCT SEWER CLEANOUT PER DETAIL (A/C8) AT 100' MAX SPACING.
7. CONSTRUCT SEWER MANHOLE PER DETAIL (E/C8).
8. INSTALL 8" PVC SEWER. SLOPE @ 0.50% MIN.

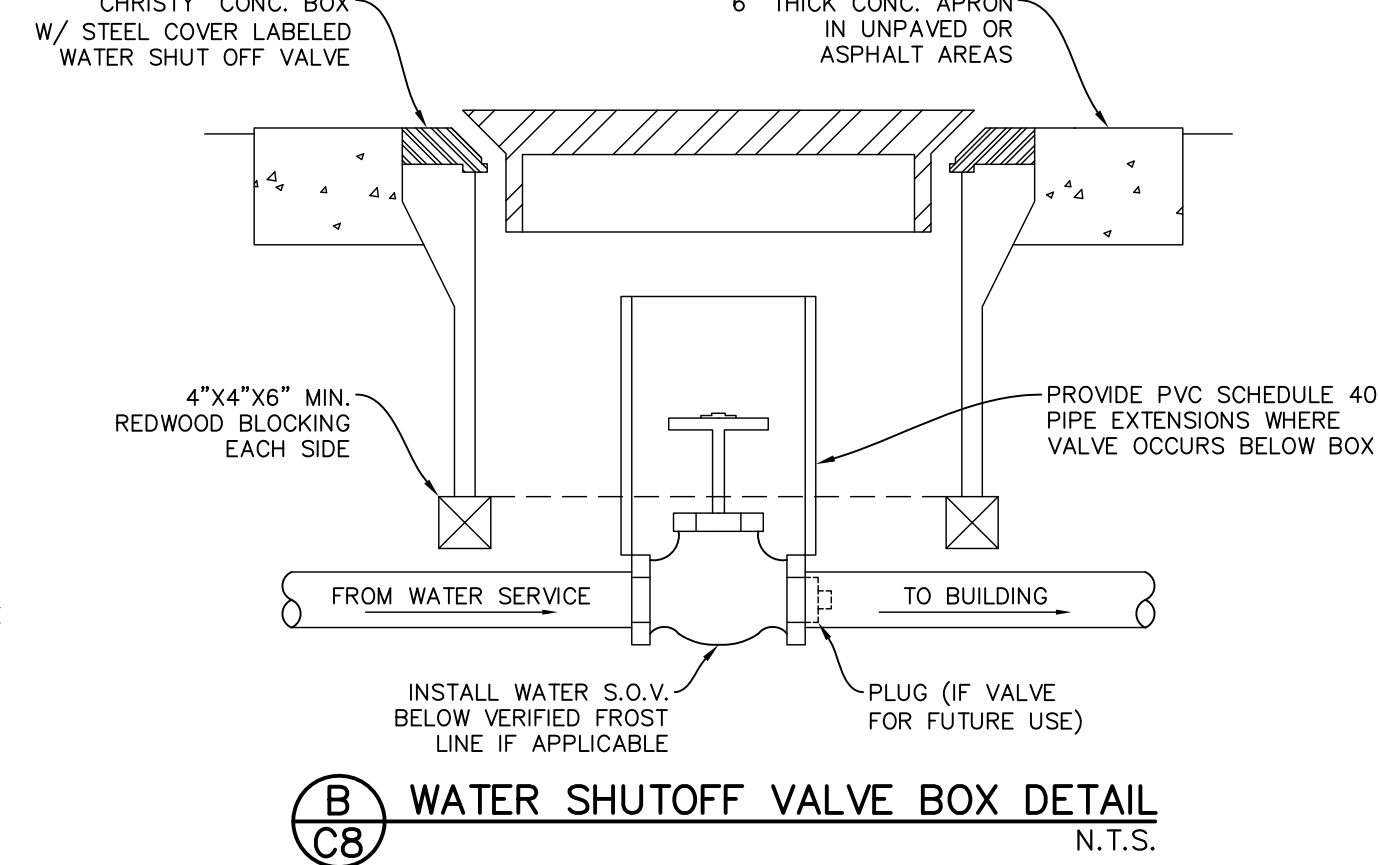
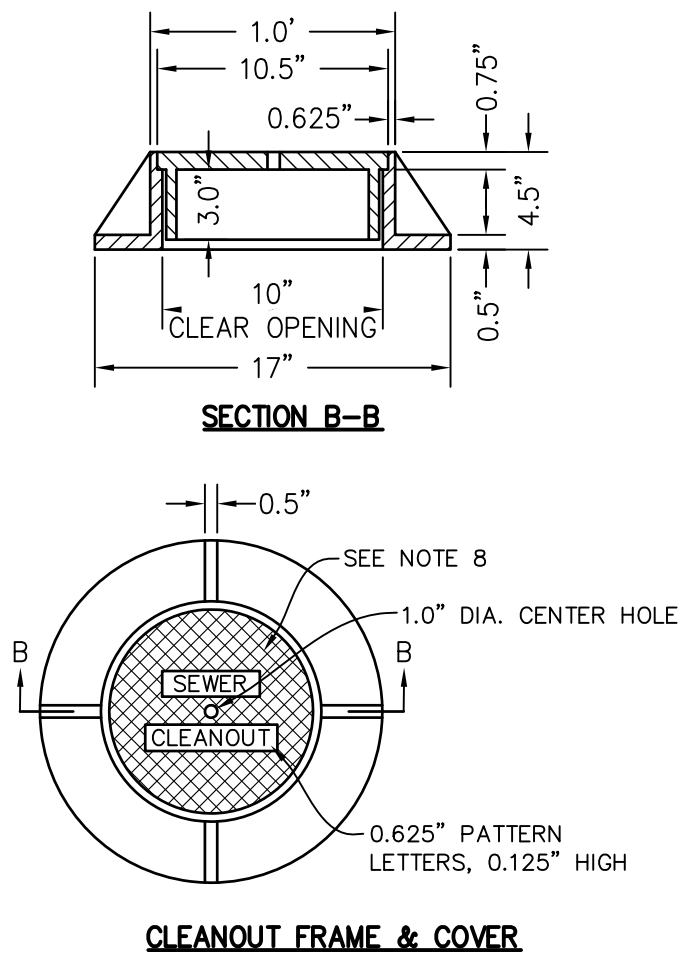
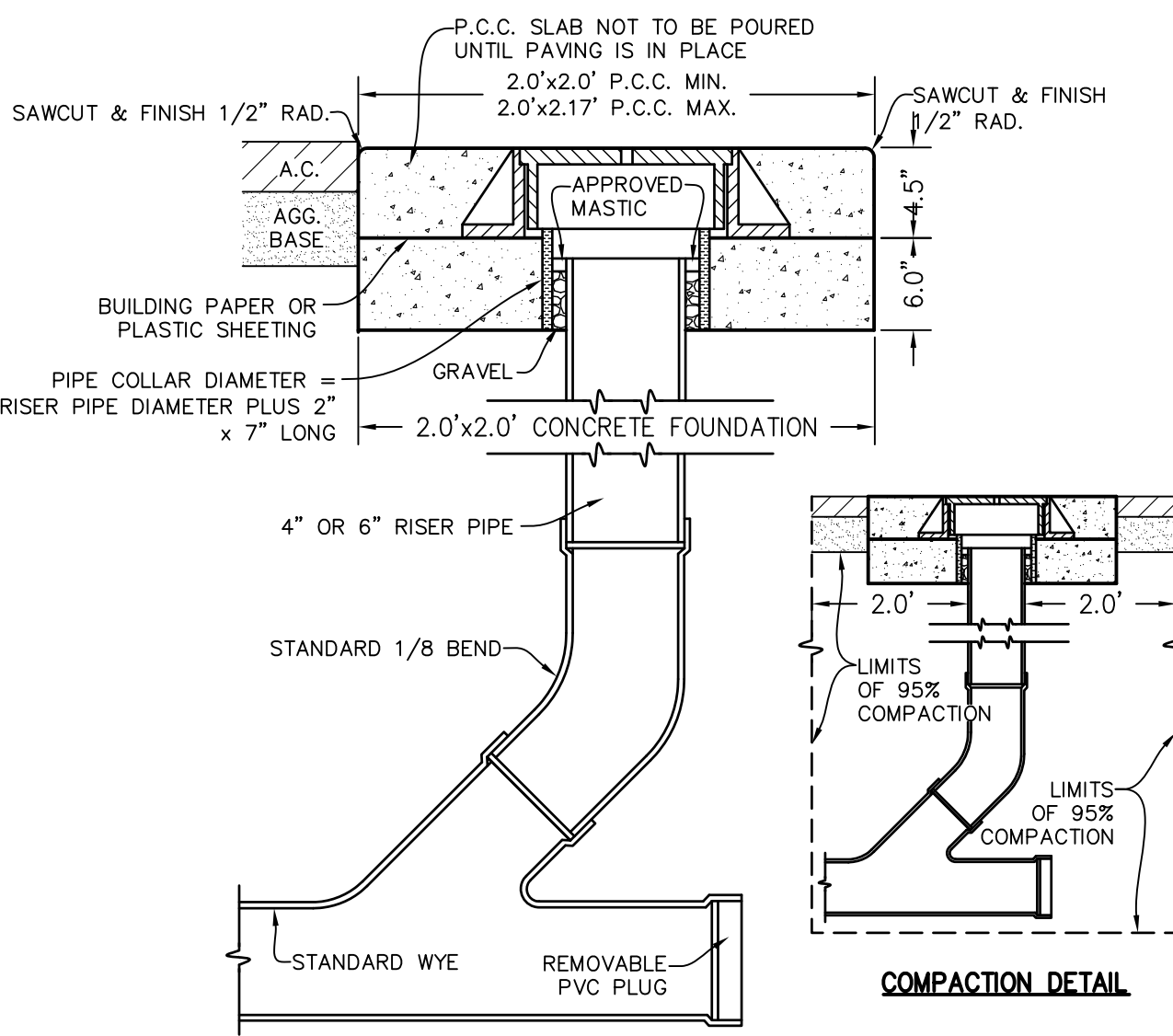
- NOTE:
1. CONTRACTOR SHALL VERIFY ALL POINTS OF CONNECTION IN THE FIELD PRIOR TO BID.
 2. CONTRACTOR SHALL REVIEW EXISTING ON-SITE SEWER LOCATIONS AND SIZES WITH OWNER PRIOR TO BID AND INCLUDE ADDITIONAL LINES NOT SHOWN ON PLAN.
 3. LATERAL CONNECTIONS TO MAINS THAT DO NOT OCCUR IN JUNCTION BOXES SHALL BE MADE WITH 45° ELLS OR WYES FOR CLEANOUT PURPOSES.
 4. INSTALL DETECTABLE WARNING TAPE OVER SEWER PIPE.

NOTE TO CONTRACTOR

CONTRACTOR SHALL REVIEW EXISTING SITE CONDITIONS IN FIELD PRIOR TO BID.

NOTE TO CONTRACTOR

THE CONDITION OF EXISTING SEWER AND WATER TO CLASSROOM BUILDINGS ON THIS SHEET SHALL BE VERIFIED IN FIELD. IF CONDITION IS ACCEPTABLE TO OWNER, EXISTING SEWER AND WATER CAN REMAIN IN PLACE AND CONNECTIONS TO NEW LINES SHALL BE MADE.



(B/C8) WATER SHUTOFF VALVE BOX DETAIL
N.T.S.

CLEANOUT SECTION

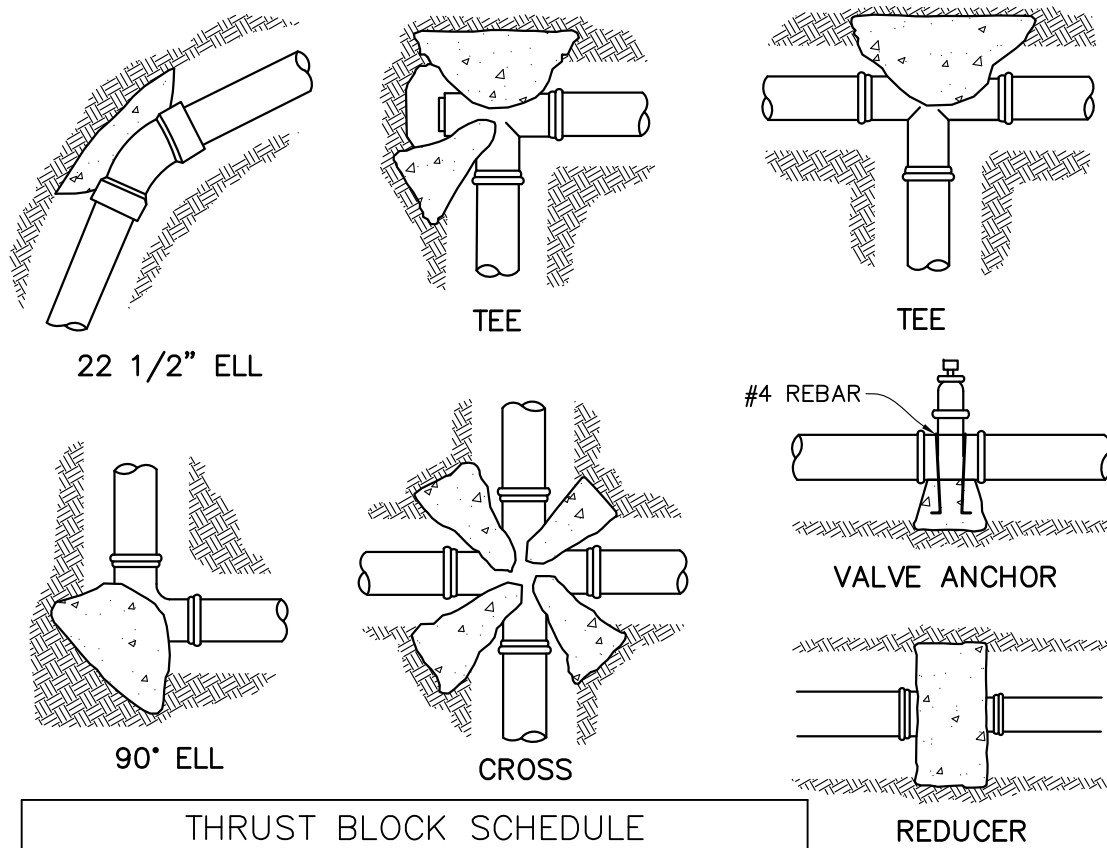
CLEANOUT NOTES:

1. ALL WORK SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE SPECIFICATIONS ENTITLED "STANDARD SPECIFICATIONS, STATE OF CALIFORNIA, BUSINESS AND TRANSPORTATION AGENCY, DEPARTMENT OF TRANSPORTATION", APPROVED CURRENT EDITION.
2. ALL CONCRETE SHALL BE CLASS "A".
3. CONCRETE SHALL HAVE NO ADDITIVES UNLESS PRIOR WRITTEN APPROVAL IS OBTAINED FROM THE ENGINEER.
4. CONCRETE SHALL BE CURED WITH A WHITE PIGMENTED CURING COMPOUND PER SEC. 907-7.01B OF THE STANDARD SPECS.
5. TOP OF SLAB SHALL BE TROWELED SMOOTH AND GIVEN A LIGHT BROOM FINISH.
6. 95% RELATIVE COMPACTION IS REQUIRED FOR ALL BACKFILL WITHIN 24" OF THE RISER PIPE.
7. BUILDING PAPER OR PLASTIC SHALL BE PLACED BETWEEN THE 6" CONCRETE FOUNDATION AND 4.5" SLAB.
8. FILL CAVITY BETWEEN PIPE AND COLLAR WITH GRAVEL TO WITHIN 1/2" OF TOP OF PIPE. CAULK REMAINING 1/2" WITH APPROVED MASTIC TO TOP OF PIPE FOR WATER TIGHT SEAL.
9. COLLAR SHALL BE VCP, ABS, OR PVC PIPE.
10. FINISHED PCC SLAB TO BE 1/8" MIN. AND 1/4" MAX. BELOW FINISHED PAVING SURFACE.

(A/C8) SEWER CLEANOUT DETAIL
N.T.S.

CLEANOUT COVER NOTES:

1. ALL FRAMES AND COVERS SHALL BE TESTED FOR ACCURACY OF FIT AND SHALL BE MARKED IN SETS PRIOR TO DELIVERY.
2. THE SEATS OF FRAMES AND BEARING FACES OF THE COVERS SHALL BE MACHINED FOR A SMOOTH NON-ROCKING FIT BETWEEN THE TWO CASTINGS.
3. CASTINGS SHALL BE THOROUGHLY CLEANED AND DIPPED TWICE IN A QUICK-DRYING, JET-BLACK ASPHALTIC COMPOUND TO PROVIDE A PROTECTIVE COATING.
4. ALL FRAMES AND COVERS SHALL BE GRAY CAST IRON, FREE FROM WARPS, CRACKS, HOLES, SWELLS AND COLD-SHOT, AND SHALL HAVE A WORKMANLIKE FINISH. HIGHWAY LOADING SHOULD BE HS 20-44.
5. CASTING SHALL CONFORM TO THE PROVISIONS OF THE SPECIFICATIONS FOR GRAY-IRON CASTINGS, SERIAL DESIGNATION ASTM: A-48 (LATEST REVISION), CLASS No. 30B.
6. THE NAME OF THE MANUFACTURING COMPANY SHALL BE ON THE UNDERSIDE OF THE COVER.
7. ASSEMBLY SHALL BE DESIGNED FOR HIGHWAY LOADING OF HS 20-44.
8. 2.0"x1.0" DIAMOND MAT 0.125" DEEP.

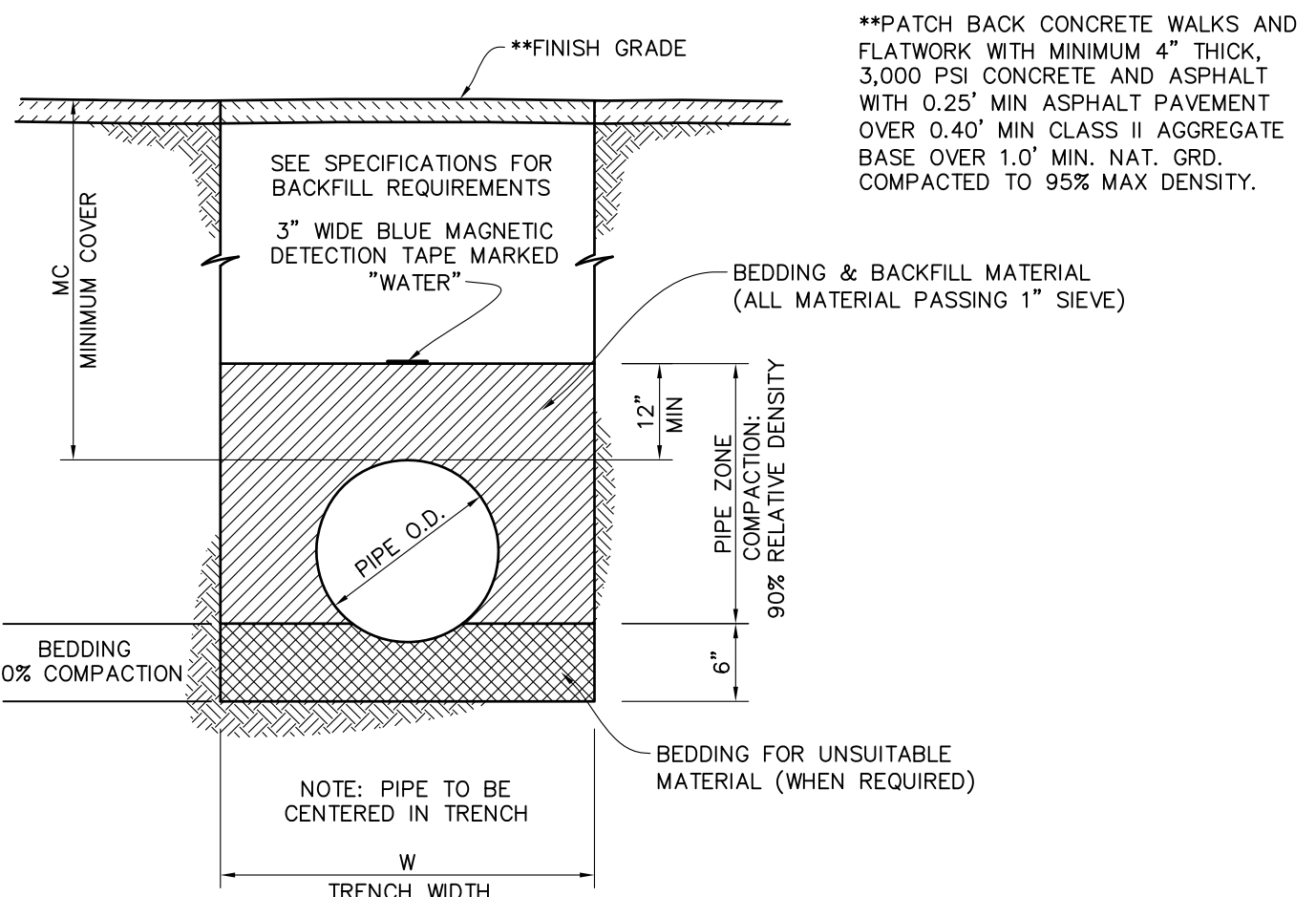


THRUST BLOCK SCHEDULE							
BEARING AREA IN SQUARE FEET							
PIPE SIZE	TEE OR PLUG	90° ELL	45° ELL	22 1/2° ELL	CROSS	VALVE	
4"	2	2	2	1	—	—	
6"	3	4	2	2	1.5 EA.	3.0	
8"	5	7	4	2	3.0 EA.	5.5	
10"	8	11	6	3	4.5 EA.	9.0	
12"	11	16	8	4	6.5 EA.	13.0	
16"	16	23	13	7	8.0 EA.	16.0	

NOTES:

1. ALL VALVES, FITTINGS AND DIRECTIONAL CHANGES ARE TO BE HELD IN PLACE BY CONCRETE THRUST BLOCKS.
2. BEARING AREAS INDICATED ARE BASED ON ALLOWABLE SOIL PRESSURE OF 1500 PSF.
3. CONCRETE IS NOT TO BEAR AGAINST PIPE. THRUST BLOCK TO ONLY BE IN CONTACT WITH FITTING.
4. THRUST BLOCKS SHALL BE POURED AGAINST UNDISTURBED SOIL.
5. JOINT SHALL BE KEPT CLEAR OF CONCRETE.
6. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS.

(C/C8) TYPICAL THRUST BLOCK DETAILS
N.T.S.

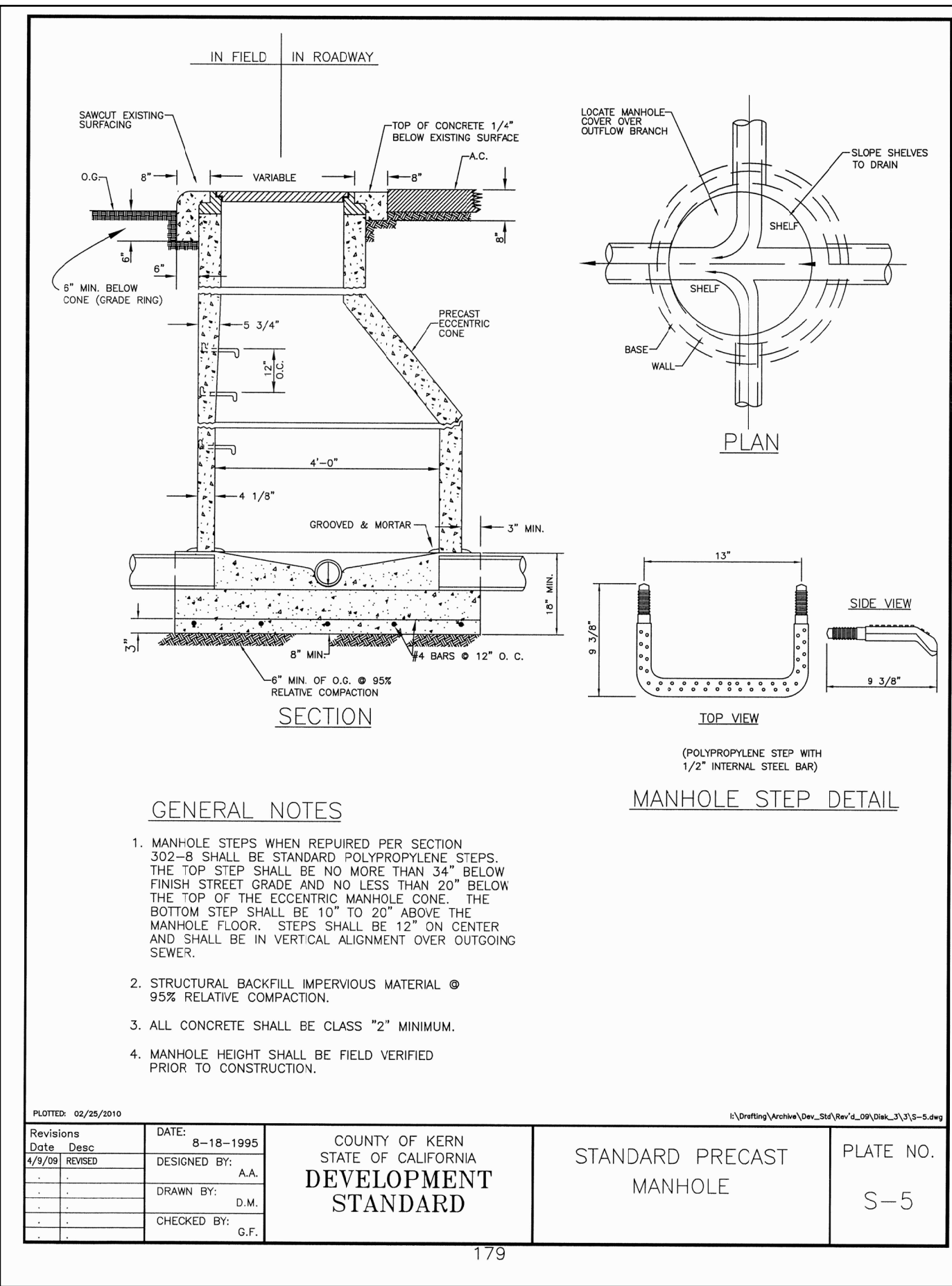


TRENCH DIMENSIONS		
PIPE SIZE	W	MC*
< 3"	12"	30"
3" TO 4"	22"	30"
6"	24"	30"
8"	30"	36"
10" TO 12"	36"	36"

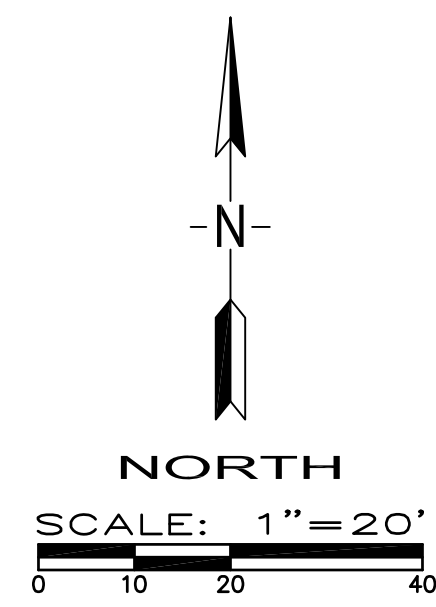
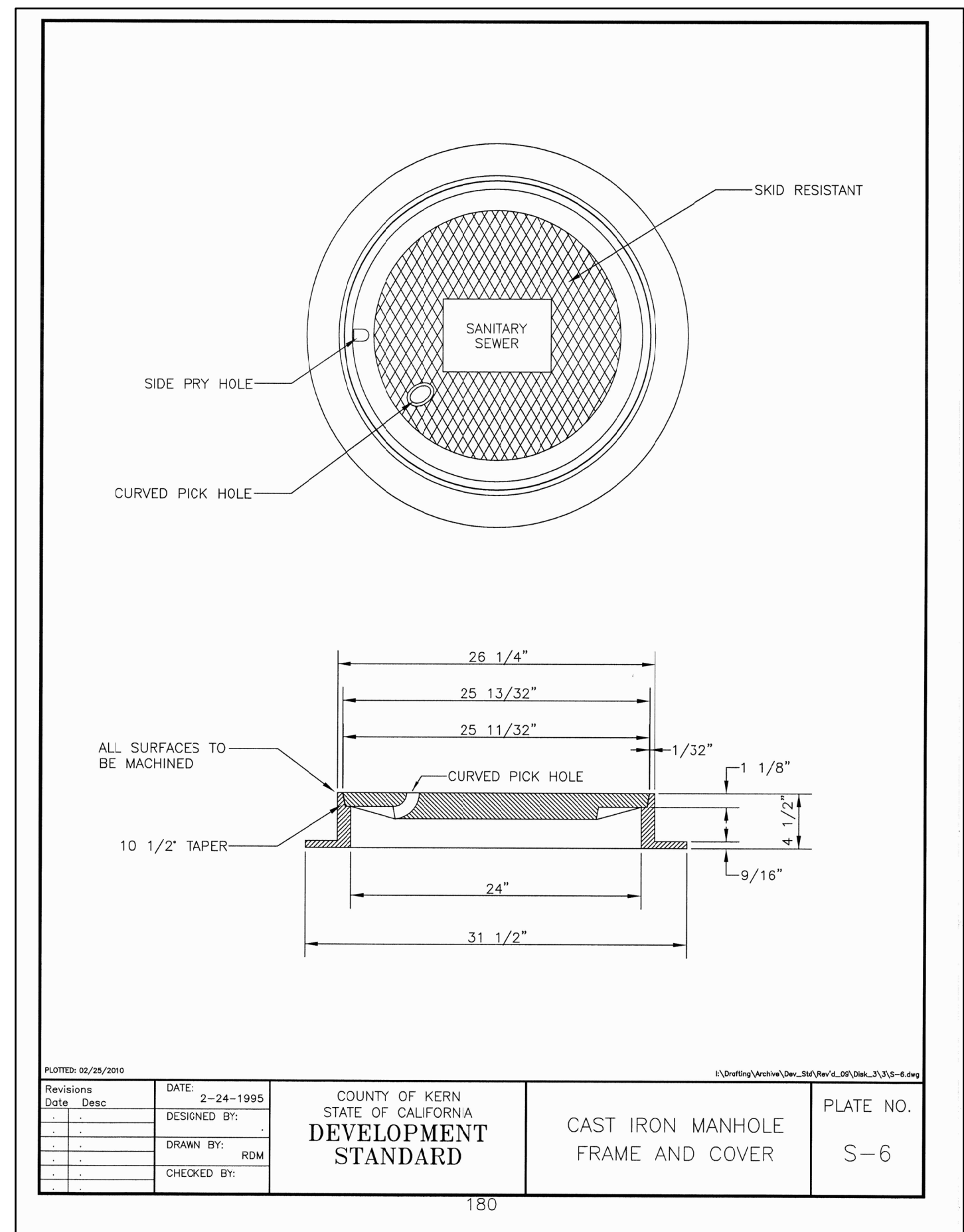
*FIRE SERVICE UNDER DRIVEWAYS/ROADS SHALL BE INSTALLED WITH 36" MINIMUM COVER FOR ANY SIZE

NOTE: EMBEDMENT MATERIALS SHALL BE CLASS I OR II PER A.S.T.M. D3221 MAX SIZE=1"

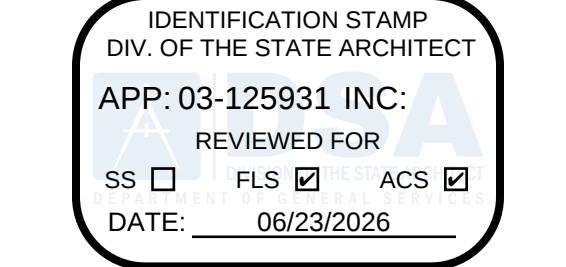
(D/C8) TYPICAL PVC PIPE TRENCH SECTION
N.T.S.



(E/C8) SEWER MANHOLE DETAILS
N.T.S.



NORTH
SCALE: 1"=20'

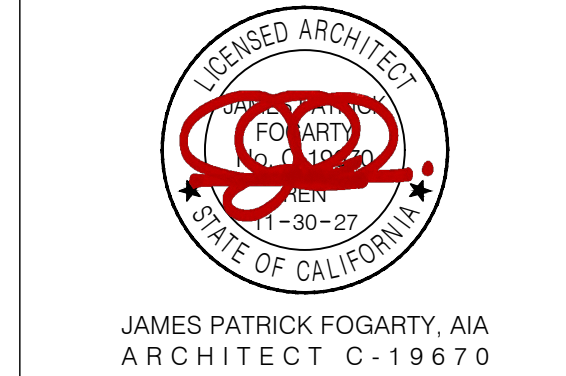


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CAMPUS INFRASTRUCTURE UPGRADES

Mt Vernon
Elementary School
2161 Potomac Ave. Bakersfield, CA 93307
Bakersfield City School District

ARCHITECT



CONSULTANT



PROJECT INFO

Project No	566-0320
Date	05.28.26
DSA File No	15-6
DSA No	05-125931

REVISIONS

No	Date	Item
1	06.03.08	DESCRIPTION

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SEWER AND WATER PLAN/
DETAILS

C8