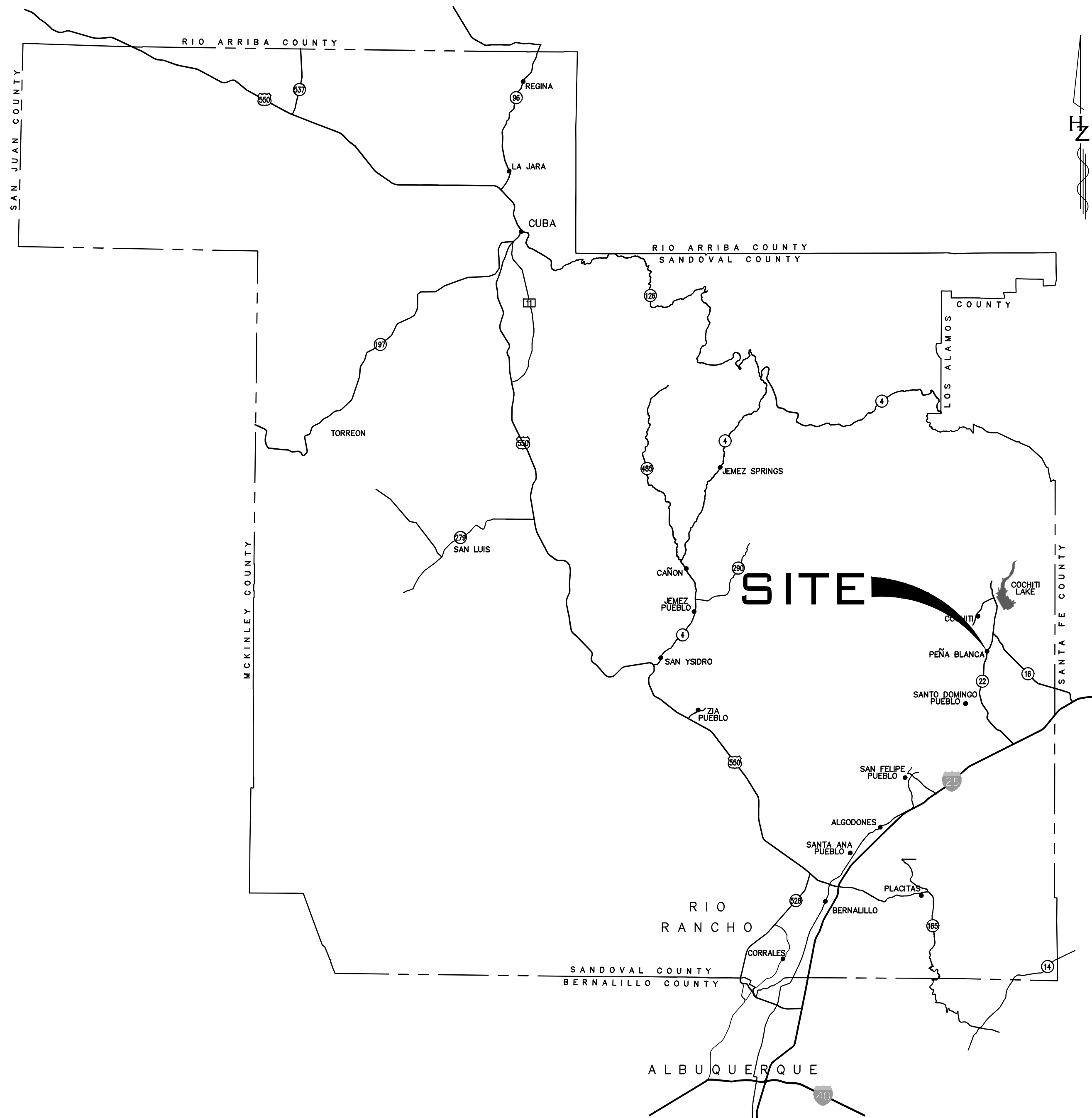


PEÑA BLANCA COMMUNITY CENTER PHASE 1 SITE IMPROVEMENTS

PEÑA BLANCA, NM

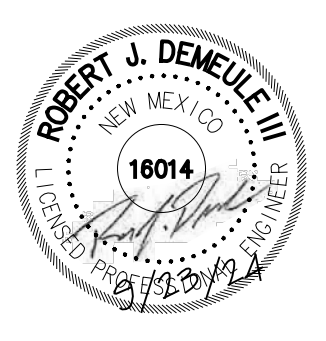
BID DOCUMENTS

JULY 2024



| Sheet List Table | |
|------------------|---------------------------------|
| Sheet Number | Sheet Title |
| G-001 | TITLE SHEET |
| G-002 | GENERAL NOTES |
| G-003 | LEGEND |
| C-100 | TYPICAL SECTION |
| C-101 | DEMOLITION PLAN |
| C-102 | PLAN AND PROFILE |
| C-103 | GRADING PLAN |
| C-104 | CIVIL DETAILS |
| C-105 | CIVIL DETAILS |
| C-106 | CIVIL DETAILS |
| LC-101 | LANDSCAPE CONSTRUCTION PLAN |
| LC-501 | LANDSCAPE CONSTRUCTION DETAILS |
| E001 | ELECTRICAL GENERAL INFORMATION |
| E101 | ELECTRICAL SITE PLAN |
| E501 | ELECTRICAL DIAGRAMS AND DETAILS |
| E601 | ELECTRICAL SCHEDULES |

| AS BUILT INFORMATION | |
|------------------------|------|
| CONTRACTOR | DATE |
| | |
| BENCH MARKS | |
| | |
| SURVEY INFORMATION | |
| FIELD NOTES | DATE |
| | |
| MICRO-FILM INFORMATION | |
| | |



| NO. | DATE | REVISIONS | BY |
|-----|------|-----------|----|
| | | DESIGN | |

DESIGNED BY: RD DATE: JUNE 2024
 DRAWN BY: DH DATE: JUNE 2024
 DWG NAME: PROJ # - R314624.12
 CHECKED BY: RD DATE: JUNE 2024



Designed By:

333 Rio Rancho Drive NE, Suite 101
 Rio Rancho, New Mexico 87124
 Phone (505) 892-5141 Fax (505) 892-3259

**PEÑA BLANCA COMMUNITY CENTER
PHASE 1 SITE IMPROVEMENTS**

TITLE: TITLE SHEET

| | | | |
|-------------------------|---------------|-------------|-------------|
| Design Review Committee | City Engineer | Mo./Day/Yr. | Mo./Day/Yr. |
| | | | |

City Project No. XXXXX Zone Map No. X Sheet Of

PROJECT NO. R314624.12 SHEET G-001



Plotted: 9/23/2024 8:38:36 AM By: Huerta, Dominic
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 AutoCAD\Sheet\Phase 1P-100.dwg
 User: dave@r314624.12 0:57:10 AM, dave

ABBREVIATIONS DEFINITIONS

| | |
|-----------|--|
| AP | ANALYSIS POINT |
| @ | AT |
| BC | BEGIN CURVE |
| BCR | BEGIN CURB RETURN |
| BK | BOOK |
| BLDG | BUILDING |
| BM | BENCH MARK |
| BOP | BEGINNING OF PROJECT |
| BVC | BEGIN VERTICAL CURVE |
| BW | BASE OF WALL |
| CATV | CABLE TV LINE |
| CB | CATCH BASIN |
| CF | CURB FACE |
| CG | CURB AND GUTTER |
| CIP | CAST IRON PIPE |
| CL | CHAIN LINK |
| C | CENTERLINE |
| CMP | CORRUGATED METAL PIPE |
| CO | CLEAN OUT |
| CONC | CONCRETE |
| CY | CUBIC YARDS |
| DE, DUE | DRAINAGE UTILITY EASEMENT |
| DI | DROP INLET |
| DIA | DIAMETER |
| DIP | DUCTILE IRON PIPE |
| Δ | DELTA |
| E | ELECTRIC |
| EA | EACH |
| EB | ELECTRIC BOX |
| EC | END CURVE |
| ECR | END CURB RETURN |
| EL, ELEV | ELEVATION |
| EOP | END OF PROJECT |
| EP | EDGE OF PAVEMENT |
| ESMT | EASEMENT |
| EVC | END VERTICAL CURVE |
| EW | EACH WAY |
| EX, EXIST | EXISTING |
| FF | FINISH FLOOR |
| FG | FINISH GRADE |
| FH | FIRE HYDRANT |
| FL | FLOW LINE |
| FM | FORCE MAIN |
| FOC | FACE OF CURB |
| FP | FINISHED PAD |
| G | GAS |
| GM | GAS METER |
| GV | GATE VALVE |
| HORIZ | HORIZONTAL |
| INT | INTERSECTION |
| INV | INVERT |
| INV EL | INVERT ELEVATION |
| LF | LINEAR FEET |
| LP | LIGHT POLE |
| LT | LEFT |
| MH | MANHOLE |
| NG | NATURAL GROUND |
| OC | ON CENTER |
| PB | PULL BOX |
| PC | POINT OF CURVATURE |
| PCC | POINT OF COMPOUND CURVATURE |
| PG | PAGE |
| PGL | PROFILE GRADE LINE PER TYPICAL SECTION |
| PI | POINT OF INTERSECTION |
| PL | PROPERTY LINE |
| PRC | POINT OF REVERSE CURVATURE |
| PT | POINT OF TANGENCY |
| PUE | PUBLIC UTILITY EASEMENT |
| PVC | POLYVINYL CHLORIDE PIPE |
| PVMT | PAVEMENT |
| R, RAD | RADIUS |
| RCP | REINFORCED CONCRETE PIPE |
| RD | ROOF DRAIN |
| REF | REFERENCE |
| RT | RIGHT |
| R/W, ROW | RIGHT-OF-WAY |
| S | SLOPE |
| SAS | SANITARY SEWER LINE |
| SD | STORM DRAIN |
| SF | SQUARE FEET |
| STA | STATION |
| STD | STANDARD |
| SW | SIDEWALK |
| SY | SQUARE YARDS |
| T | TANGENT |
| TA | TOP OF ASPHALT |
| TAC | TOP OF ASPHALT CURB |
| TBC | TOP BACK OF CURB |
| TC | TOP OF CONCRETE |
| TEL | TELEPHONE LINE, RISER OR BOX |
| TP | TOP OF PIPE |
| TRANS | TRANSVERSE |
| TW | TOP OF WALL |
| TYP | TYPICAL |
| UE | UNDERGROUND ELECTRICAL LINE |
| UT | UNDERGROUND TELEPHONE LINE |
| VC | VERTICAL CURVE |
| VERT | VERTICAL |
| VPI | VERTICAL POINT OF INTERSECTION |
| W, WL | WATERLINE |
| WM | WATER METER |
| WSEL | WATER SURFACE ELEVATION |
| WV | WATER VALVE |

LEGEND

| | |
|--|---------------------------------|
| | PHASE LINE |
| | RIGHT OF WAY LINE |
| | CENTERLINE |
| | ACCESS CONTROL & EX. RW LINE |
| | BLOCK NUMBER |
| | LOT NUMBER |
| | LOT LINE |
| | DETAIL/SHEET REFERENCE |
| | SECTION/SHEET REFERENCE |
| | MATCH LINE/SHEET REFERENCE |
| | EXISTING (INDEX) CONTOUR |
| | EXISTING (INTERMEDIATE) CONTOUR |
| | FINISHED (INDEX) CONTOUR |
| | FINISHED (INTERMEDIATE) CONTOUR |
| | FLOW DIRECTION ARROW |
| | SWALE ARROW |
| | GRADING LIMITS |

MATCH LINE STA.
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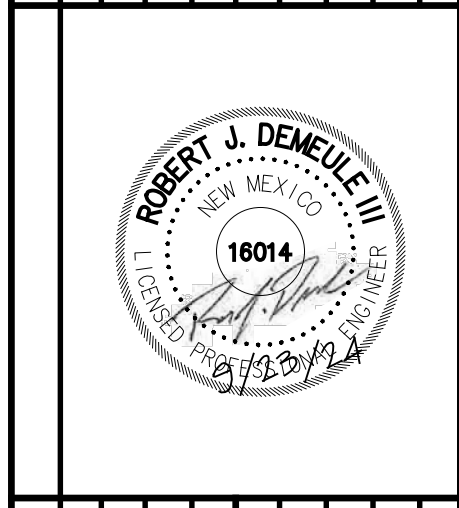
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| AS BUILT INFORMATION | |
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| CONTRACTOR | DATE |
| WORK | DATE |
| STARTED BY | DATE |
| ACCEPTED BY | DATE |
| FIELD | DATE |
| ACCEPTANCE BY | DATE |
| DRAWN BY | DATE |
| CORRECTED BY | DATE |
| MICRO-FILM INFORMATION | |
| RECORDED BY | DATE |
| NO. | DATE |

| BENCH MARKS | |
|-------------|------|
| NO. | DATE |
| BY | DATE |

| SURVEY INFORMATION | |
|--------------------|------|
| NO. | DATE |
| BY | DATE |



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 Rio Rancho, New Mexico 87124
 Phone (505) 892-5141 Fax (505) 892-3259

| NO. | DATE | REMARKS |
|--------------|------|---------------------|
| | | DESIGN |
| DESIGNED BY: | RD | DATE: - JUNE 2024 |
| DRAWN BY: | DH | DATE: - JUNE 2024 |
| DWG NAME: | | PROJ # - R314624.12 |
| CHECKED BY: | RD | DATE: - JUNE 2024 |

PEÑA BLANCA COMMUNITY CENTER PHASE 1 SITE IMPROVEMENTS

TITLE: LEGEND AND ABBEVIATIONS

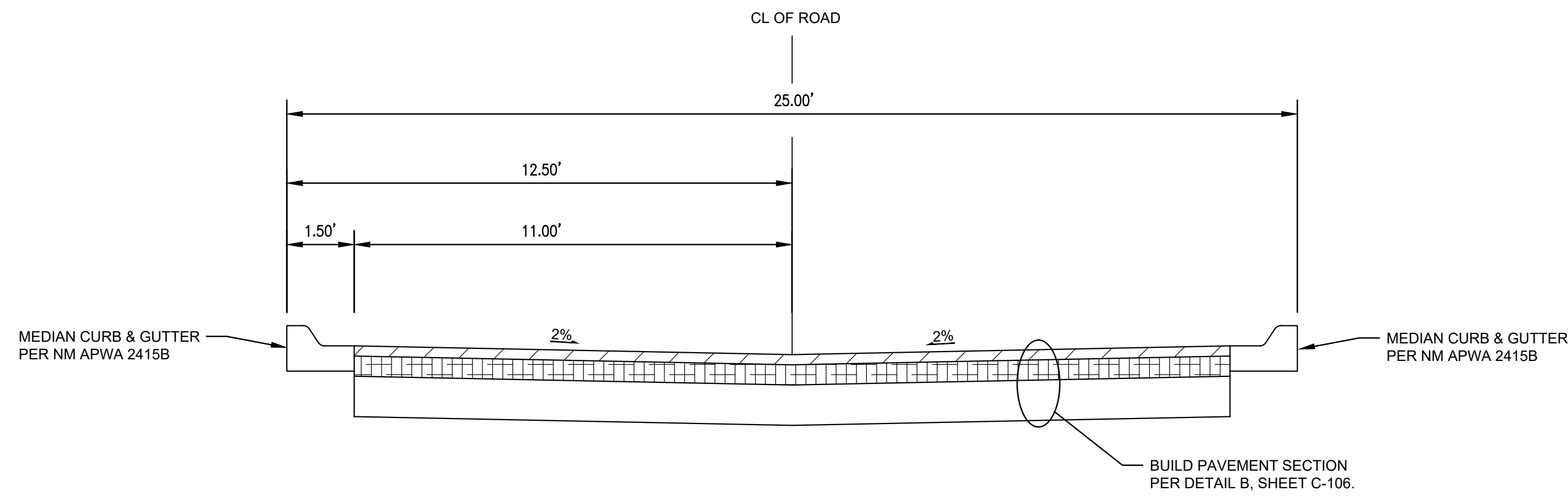
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| Design Review Committee | City Engineer | Mo./Day/Yr. | Mo./Day/Yr. |
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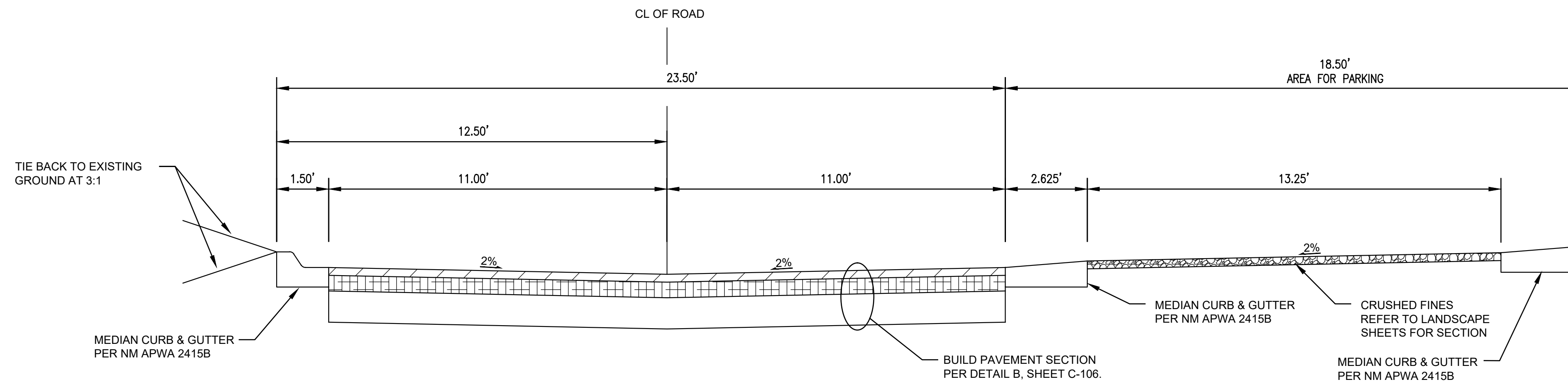
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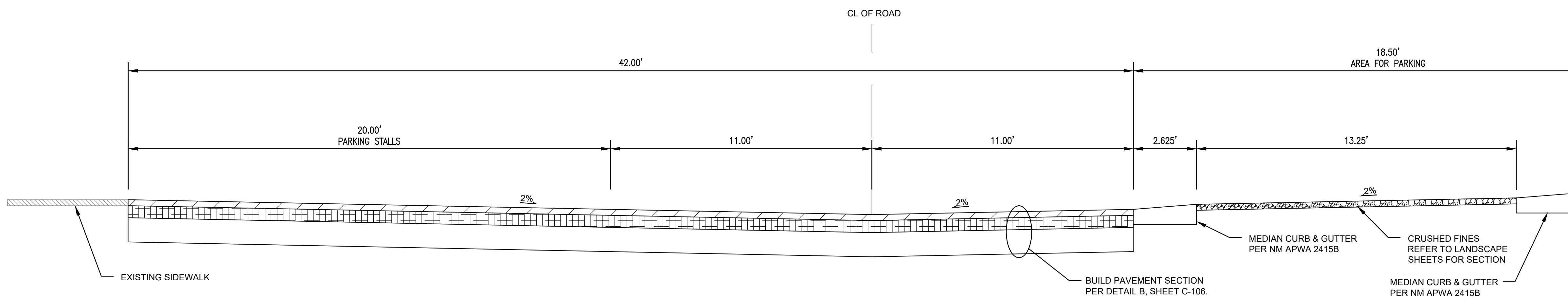
NOTE: LEGEND APPLIES TO ALL SHEETS IN THIS PLAN SET, IS GENERIC, AND NOT ALL SYMBOLS MAY BE IN PLAN SHEETS.



PARKING LOT ENTRANCE CROSS SECTION A
Scale: NTS



PARKING LOT ENTRANCE CROSS SECTION B
Scale: NTS

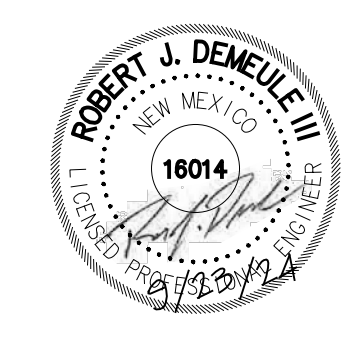


PARKING LOT ENTRANCE CROSS SECTION C
Scale: NTS

| AS BUILT INFORMATION | |
|------------------------|------|
| CONTRACTOR | DATE |
| WORKED BY | DATE |
| STAMPED BY | DATE |
| FIELD ACCEPTANCE BY | DATE |
| FIELD CORRECTION BY | DATE |
| DRAWINGS CORRECTED BY | DATE |
| MICRO-FILM INFORMATION | |
| RECORDED BY | DATE |
| NO. | DATE |

| BENCH MARKS | |
|-------------|------|
| NO. | DATE |

| SURVEY INFORMATION | |
|--------------------|------|
| FIELD NOTES | DATE |
| BY | |
| NO. | |



| NO. | DATE | REVISIONS | BY |
|-----|------|-----------|----|
| | | DESIGN | |

DESIGNED BY: RD
 DRAWN BY: DH
 DWG NAME: R314624.12
 CHECKED BY: RD

DATE: - JUNE 2024
 DATE: - JUNE 2024
 PROJ # - R314624.12
 DATE: - JUNE 2024



Designed By:

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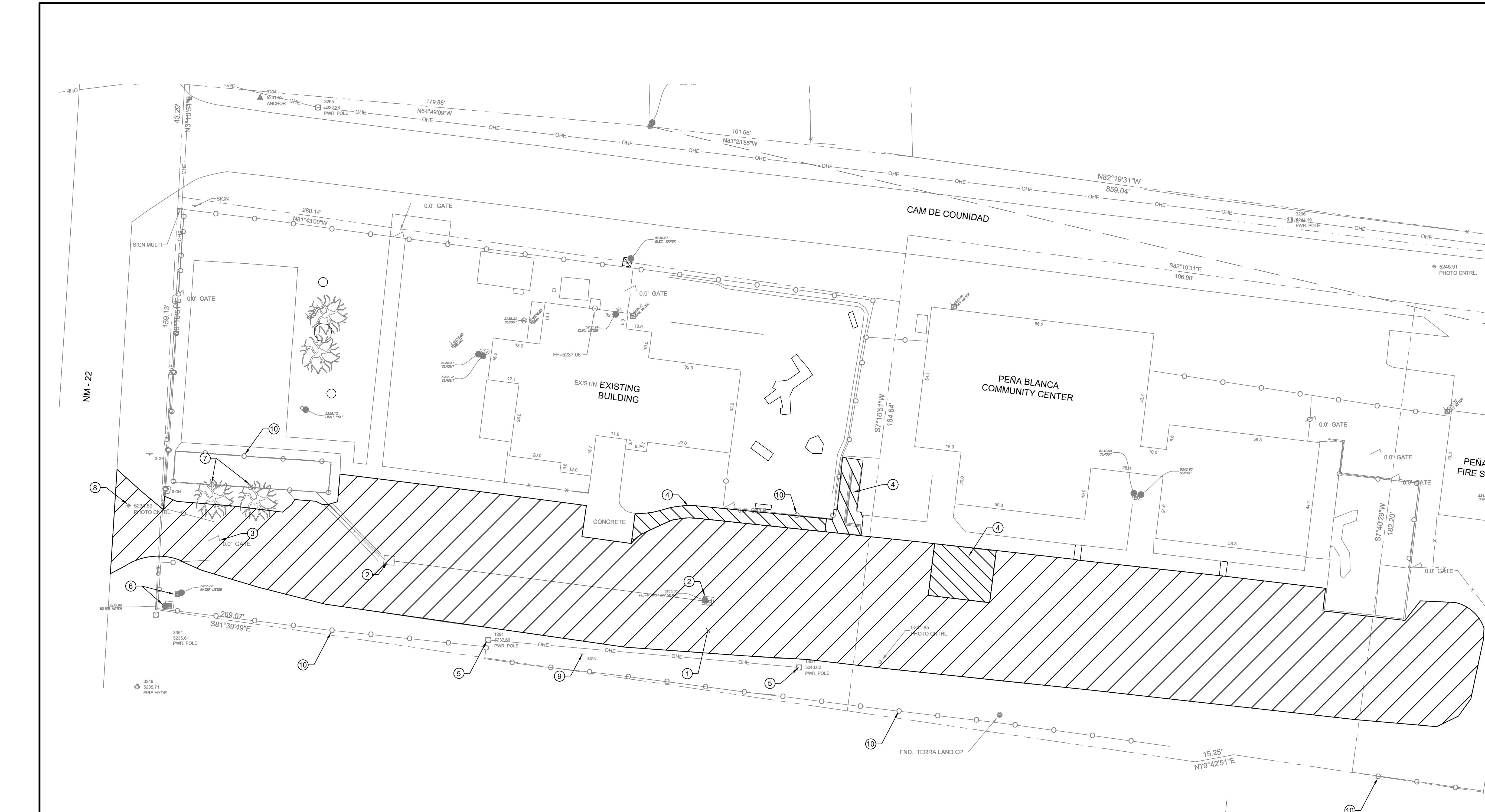
PEÑA BLANCA COMMUNITY CENTER
 PHASE 1 SITE IMPROVEMENTS

TITLE: TYPICAL SECTIONS

| | | | |
|-------------------------|---------------|-------------|-------------|
| Design Review Committee | City Engineer | Mo./Day/Yr. | Mo./Day/Yr. |
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| City Project No. XXXXX | Zone Map No. X | Sheet | Of |
| PROJECT NO. R314624.12 | | SHEET C-100 | |

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 User: daniel@r314624.com Date: 5/23/2024 8:38:59 AM



DEMOLITION NOTES

- ① COLD MILL OR PULVERIZE APPROX. 23,450 SQ FT OF EXISTING ASPHALT AND BASE COURSE MATERIAL TO BE UTILIZED AS FILL BETWEEN STATIONS 11+00.00 - 13+00.00.
- ② PROTECT IN PLACE EXISTING STORM DRAIN DROP INLETS
- ③ REMOVE AND REPLACE GATE
- ④ REMOVE AND RECYCLE APPROX 1,143 SQ FT OF EXISTING CONCRETE.
- ⑤ REMOVE PNM POWER POLES
- ⑥ EXISTING WATER METER, PROTECT IN PLACE
- ⑦ REMOVE AND DISPOSE OF EXISTING TREE
- ⑧ REMOVE AND RELOCATE EXISTING CAMERAS
- ⑨ REMOVE AND DISPOSE OF EXISTING SIGN
- ⑩ EXISTING FENCE TO REMAIN. PROTECT IN PLACE
- ⑪ REMOVE AND DISPOSE OF EXISTING ADA SWITCH BACK RAMP, AND ALL RAILINGS.

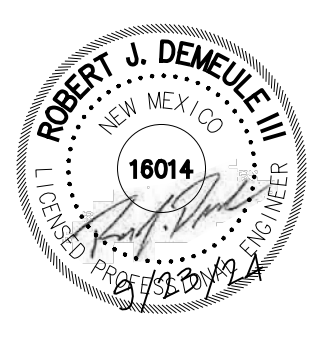
LEGEND

- ASPHALT & BASECOURSE REMOVAL
- SIDEWALK & CONCRETE PAVING REMOVAL

| AS BUILT INFORMATION | |
|------------------------|------|
| CONTRACTOR | DATE |
| WORK | DATE |
| STAMPED BY | DATE |
| FIELD ACCEPTANCE BY | DATE |
| FIELD REVISION BY | DATE |
| DRAWINGS BY | DATE |
| CORRECTED BY | DATE |
| MICRO-FILM INFORMATION | |
| RECORDED BY | DATE |
| NO. | |

| BENCH MARKS | |
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| SURVEY NOTES | |
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| FIELD NOTES | DATE |
| BY | |
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| NO. | DATE | REVISIONS | BY | REMARKS |
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| | | DESIGN | | |
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Designed By:

HUIT ZOLLARS
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 Rio Rancho, New Mexico 87124
 Phone (505) 892-5141 Fax (505) 892-3259

**PEÑA BLANCA COMMUNITY CENTER
 PHASE 1 SITE IMPROVEMENTS**

TITLE: **DEMOLITION PLAN**

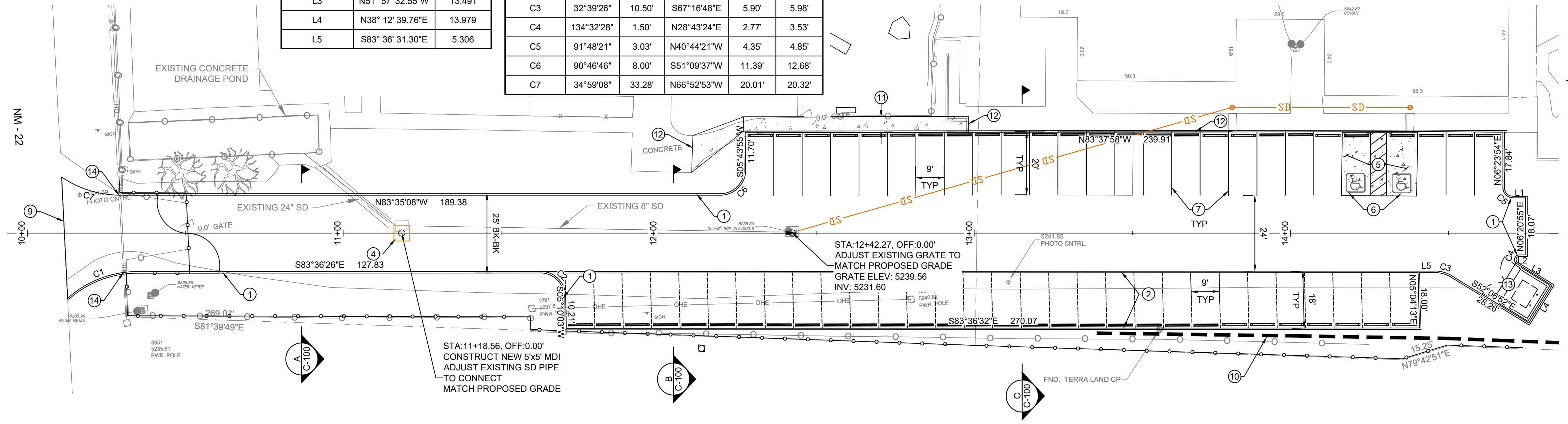
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|-------------------------|---------------|-------------|-------------|
| Design Review Committee | City Engineer | Mo./Day/Yr. | Mo./Day/Yr. |
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| City Project No. XXXXX | Zone Map No. X | Sheet Of | Of |
|---------------------------|-------------------|-------------|----|

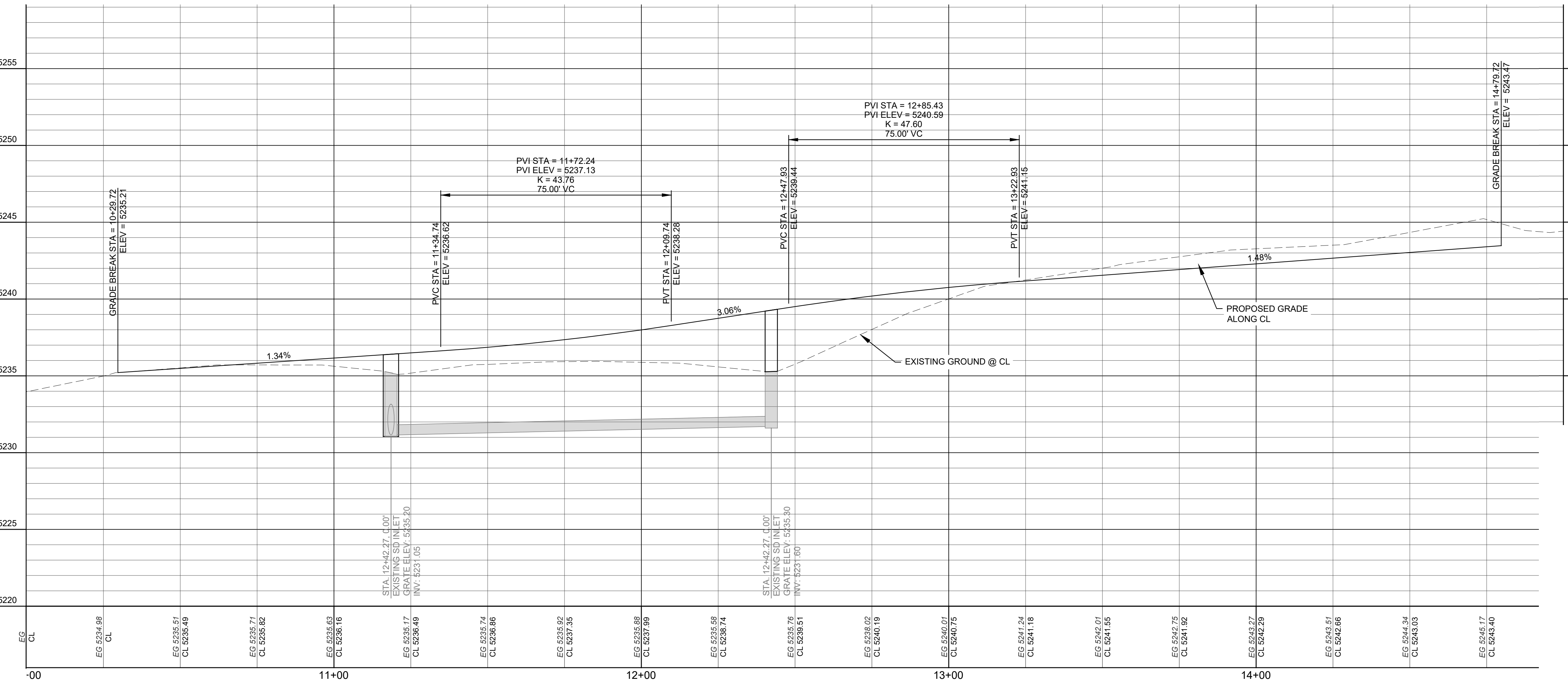
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 User: daniel@r314624.12 Date: 5/23/2024 8:39:28 AM

| LINE TABLE | | |
|-------------|------------------|----------|
| LINE NUMBER | BEARING | DISTANCE |
| L1 | N83° 39' 04.67"W | 4.000 |
| L2 | S83° 39' 04.67"E | 2.085 |
| L3 | N51° 57' 32.55"W | 13.491 |
| L4 | N38° 12' 39.76"E | 13.979 |
| L5 | S83° 36' 31.30"E | 5.306 |

| CURVE TABLE | | | | | |
|-------------|------------|--------|---------------|--------------|------------|
| CURVE NO. | Δ | RADIUS | CHORD BEARING | CHORD LENGTH | ARC LENGTH |
| C1 | 41°41'33" | 33.28' | N75°32'48"E | 23.68' | 24.22' |
| C2 | 86°20'46" | 8.01' | S38°21'34"E | 10.96' | 12.08' |
| C3 | 32°39'26" | 10.50' | S67°16'48"E | 5.90' | 5.98' |
| C4 | 134°32'28" | 1.50' | N28°43'24"E | 2.77' | 3.53' |
| C5 | 91°48'21" | 3.03' | N40°44'21"W | 4.35' | 4.85' |
| C6 | 90°46'46" | 8.00' | S51°09'37"W | 11.39' | 12.68' |
| C7 | 34°59'08" | 33.28' | N66°52'53"W | 20.01' | 20.32' |



- PAVING CONSTRUCTION NOTES**
- CONSTRUCT MOUNTABLE MEDIAN CURB PER NM APWA STD DWG 2415B.
 - CONSTRUCT MOUNTABLE CURB - ESTATE TYPE PER NM APWA STD DWG. 2415A.
 - CONSTRUCT PAVEMENT PER PAVEMENT SECTION ON SHEET C-106.
 - CONSTRUCT 5' x 5' MDI PER NMDOT STD DWG 623-06-1/1
 - CONSTRUCT CONCRETE SLAB PER DETAIL C, SHEET C-104.
 - INSTALL HANDICAP PARKING PER DETAILS A & B, SHEET C-104.
 - 4" WIDE WHITE PAINT STRIPE
 - CONSTRUCT RETAINING WALL PER DETAILS A, SHEET C-105.
 - NEATCUT EXISTING PAVEMENT PLUS 2 FOOT WIDE MILL STRIP 1-1/2" DEPTH ON EXISTING PAVEMENT TO STAGER PAVEMENT JOINT. DETAIL A, SHEET C-106.
 - CONSTRUCT RETAINING WALL PER SHEET C-101. SEE DETAIL A, SHEET C-105.
 - CONSTRUCT 5' SIDEWALK PER NM APWA STD DWG 2430.
 - MATCH PROPOSED PAVEMENT TO EXISTING PAVEMENT. CONTRACTOR TO FIELD VERIFY EXISTING ELEVATIONS.
 - CONSTRUCT TRASH ENCLOSURE. REFER TO LANDSCAPE SHEETS FOR DETAILS.
 - END MOUNTABLE MEDIAN CURB AT PROPERTY LINE.



AS BUILT INFORMATION
CONTRACTOR: - DATE: -
WORK: - DATE: -
STAMPED BY: - DATE: -
FIELD ACCEPTANCE BY: - DATE: -
DRAWINGS BY: - DATE: -
CORRECTED BY: - DATE: -

BENCH MARKS
NO. DATE

SURVEY INFORMATION
FIELD NOTES
BY DATE

NO. DATE

REVISIONS
NO. DATE REMARKS
DESIGN

DESIGNED BY: RD DATE: - JUNE 2024
DRAWN BY: DH DATE: - JUNE 2024
DWG NAME: - PROJ # - R314624.12
CHECKED BY: RD DATE: - JUNE 2024

16014

ROBERT J. DEMELLE, III
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER

Know what's below. Call before you dig.
TWO WORKING DAYS BEFORE YOU DIG CALL
811 OR 280-1990

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Rio Rancho, New Mexico 87124
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**PEÑA BLANCA COMMUNITY CENTER
PHASE 1 SITE IMPROVEMENTS**

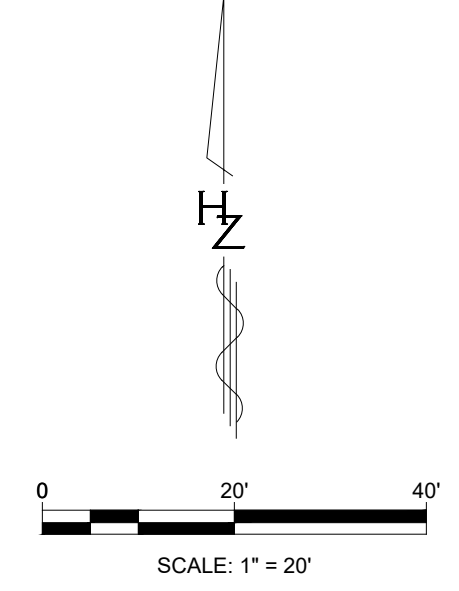
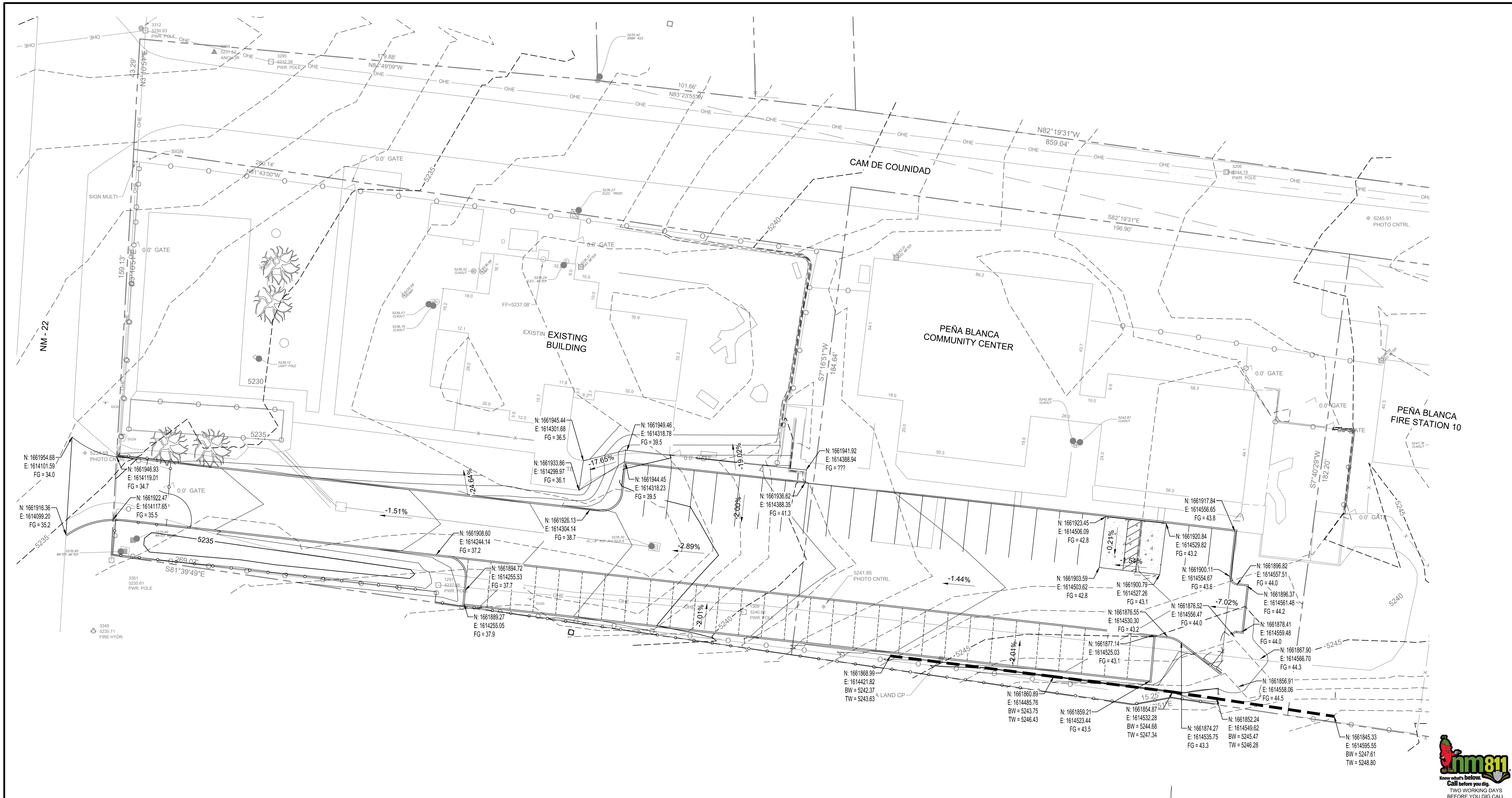
TITLE:
PLAN AND PROFILE

Design Review Committee City Engineer
Mo./Day/Yr. Mo./Day/Yr.

City Project No. XXXXX Zone Map No. X Sheet Of
PROJECT NO. R314624.12 SHEET C-102

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 User: daniel@h81.com



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 Phone (505) 892-5141 Fax (505) 892-3259

**PEÑA BLANCA COMMUNITY CENTER
 PHASE 1 SITE IMPROVEMENTS**

TITLE: **GRADING PLAN**

| | | | |
|-------------------------------|-------------------|--------------------|-------------|
| Design Review Committee | City Engineer | Mo./Day/Yr. | Mo./Day/Yr. |
| | | | |
| City Project No. XXXXX | Zone Map No. X | Sheet | Of |
| PROJECT NO. <u>R314624.12</u> | | SHEET <u>C-103</u> | |

AS BUILT INFORMATION

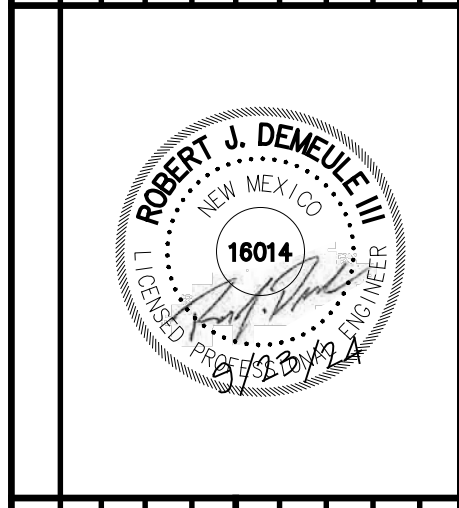
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| STAMPED BY | DATE |
| FIELD ACCEPTANCE BY | DATE |
| FIELD REVISION BY | DATE |
| DRAWINGS BY | DATE |
| CORRECTED BY | DATE |
| MICRO-FILM INFORMATION | DATE |
| RECORDED BY | DATE |
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BENCH MARKS

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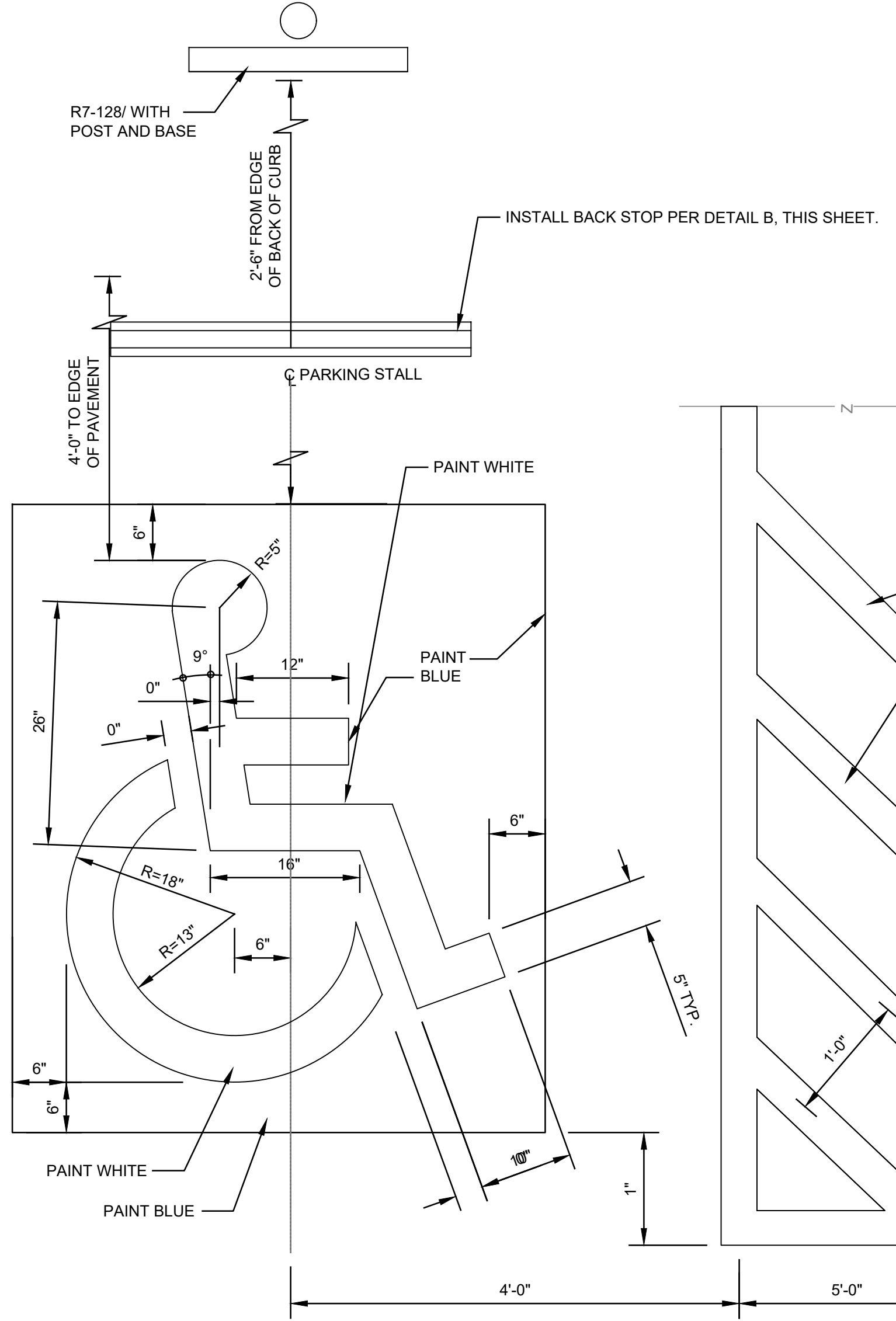
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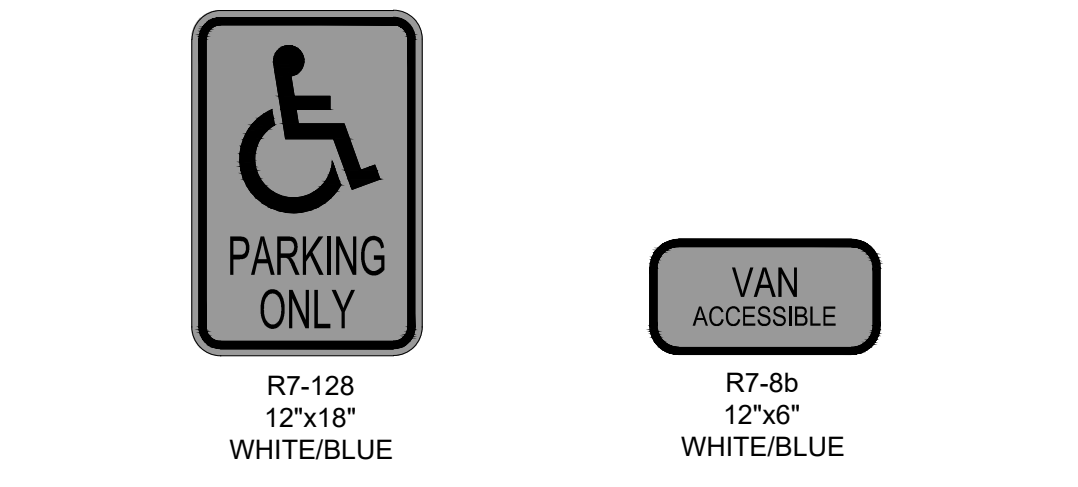


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| NO. | DATE | REVISIONS | BY |
| | | DESIGN | |
| DESIGNED BY: RD | DATE: JUNE 2024 | | |
| DRAWN BY: DH | DATE: JUNE 2024 | | |
| DWG NAME: - | PROJ # - R314624.12 | | |
| CHECKED BY: RD | DATE: JUNE 2024 | | |

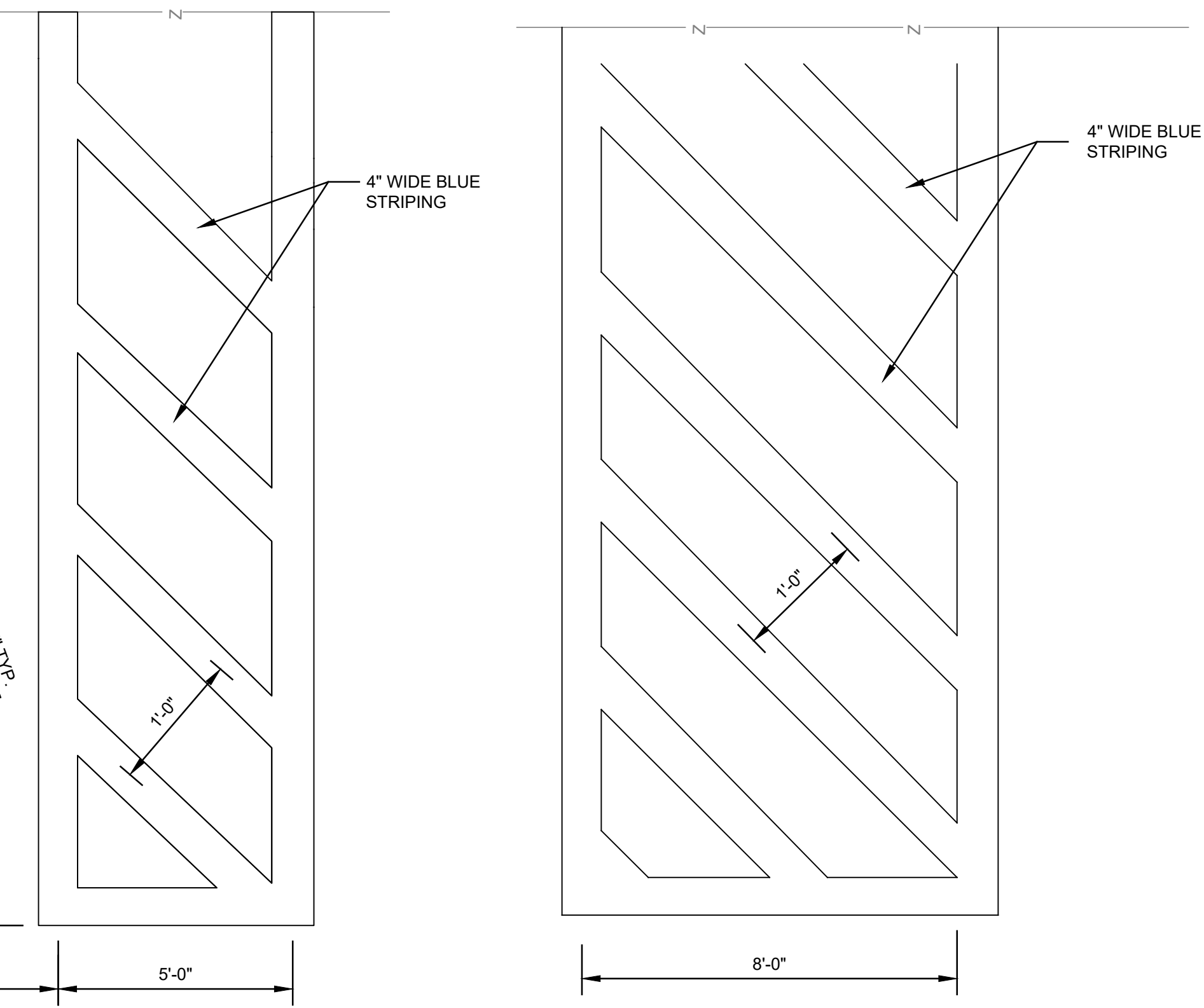
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PARKING SPOT 5' ISLE

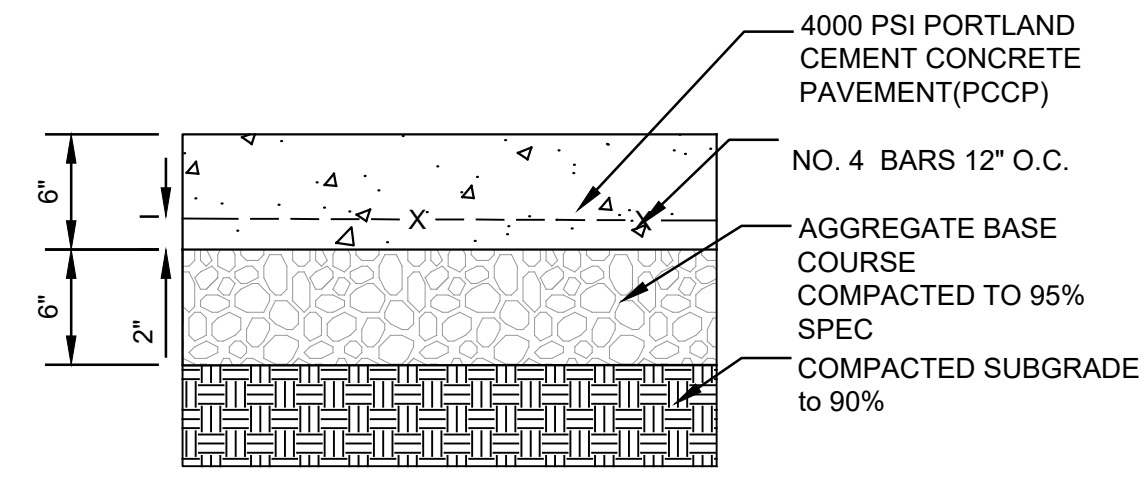


SIGN FACE DETAILS

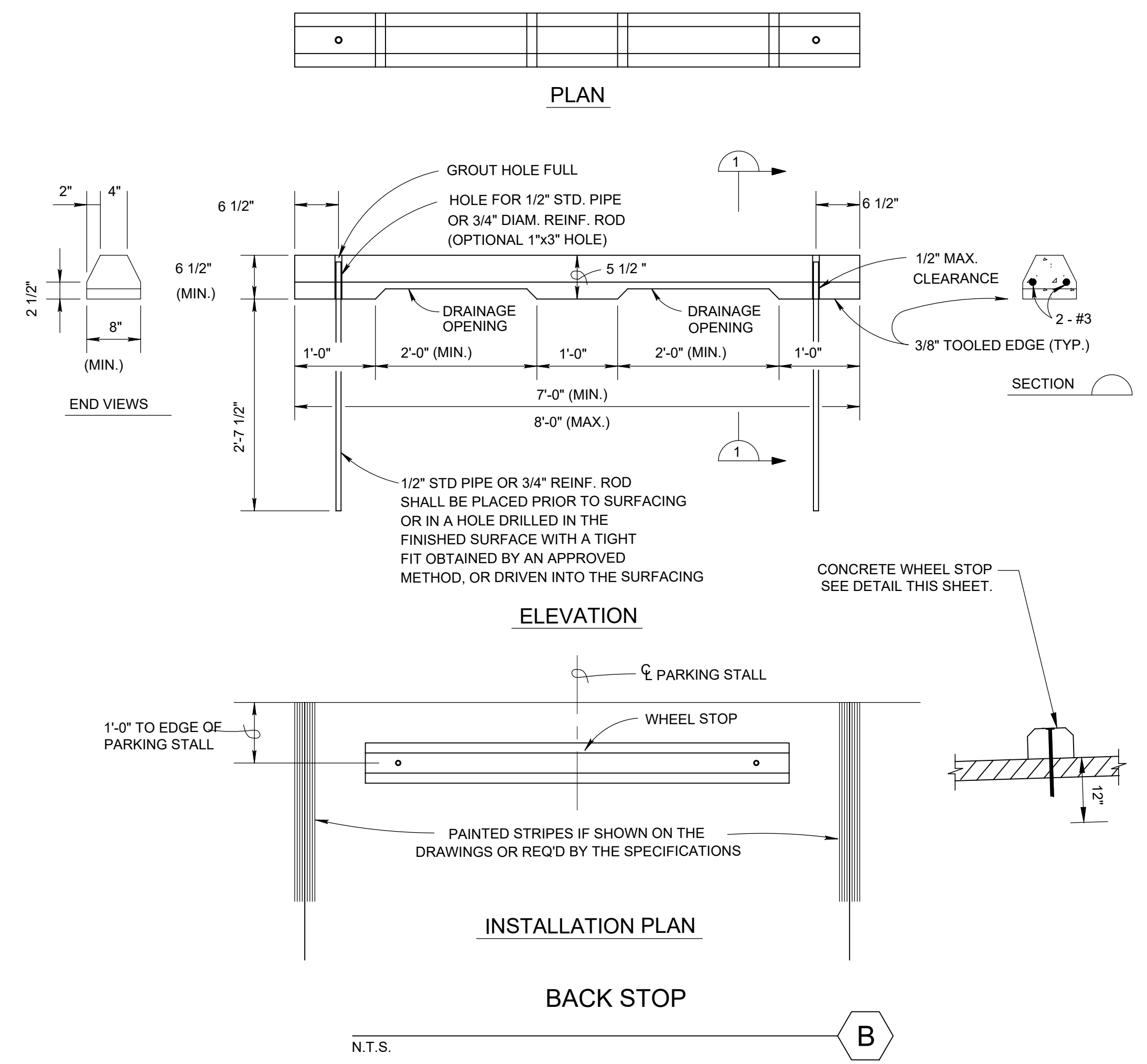


ALTERNATE 8' ISLE

HANDICAP SYMBOL DETAIL A



CONCRETE PAVEMENT C

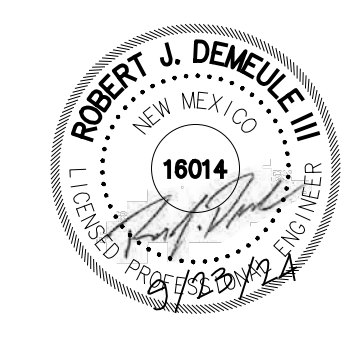


BACK STOP

| AS BUILT INFORMATION | |
|------------------------|------|
| CONTRACTOR | DATE |
| WORK | DATE |
| STAMPED BY | DATE |
| FIELD ACCEPTANCE BY | DATE |
| FIELD ACTION BY | DATE |
| DRAWINGS BY | DATE |
| CORRECTED BY | DATE |
| MICRO-FILM INFORMATION | |
| RECORDED BY | DATE |
| NO. | DATE |

| BENCH MARKS | |
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| SURVEY NOTES | |
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| FIELD BY | DATE |
| NO. | DATE |

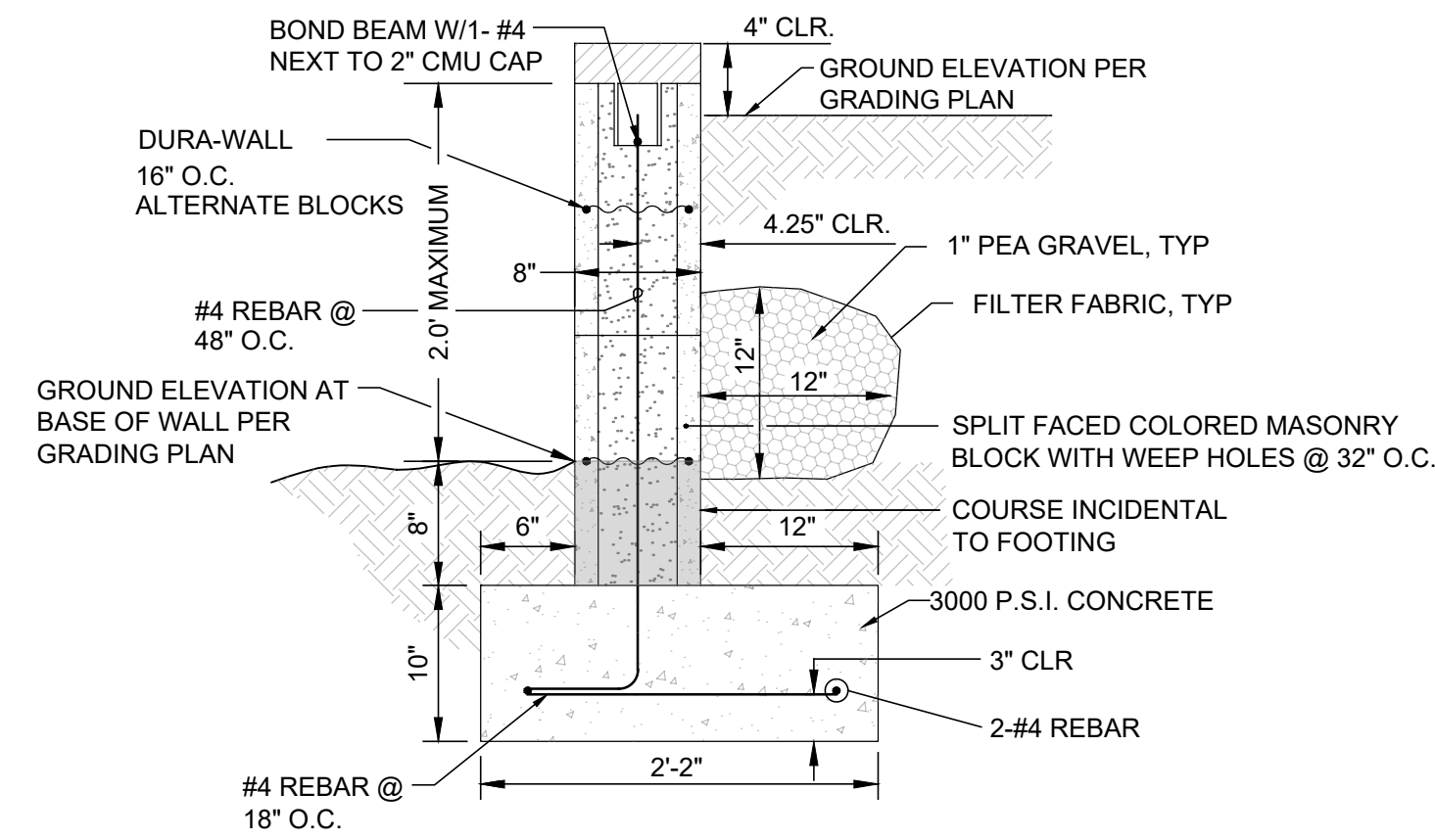


| NO. | DATE | REVISIONS | BY | REMARKS |
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| | | DESIGN | RD | |

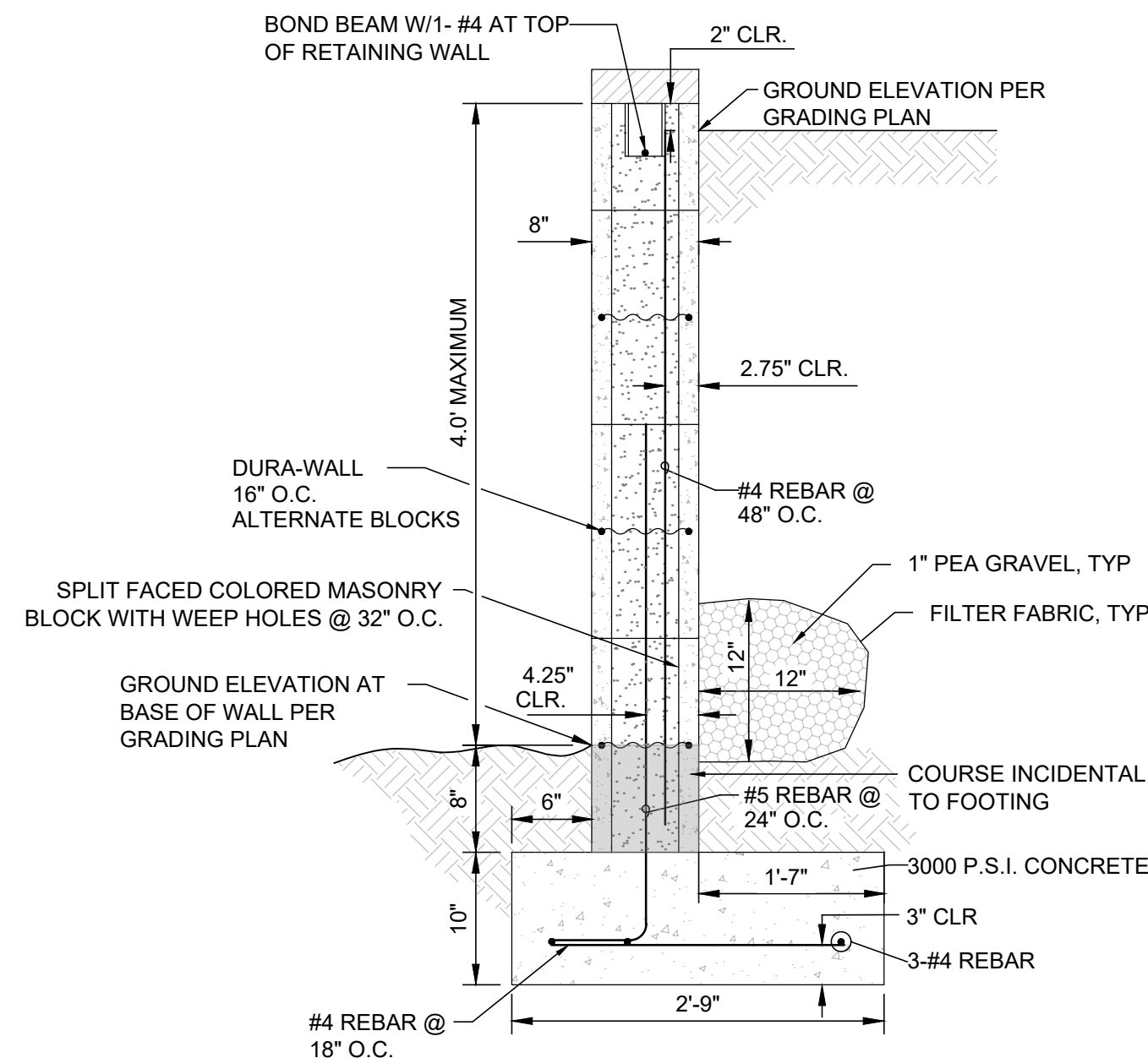
DESIGNED BY: RD DATE: JUNE 2024
 DRAWN BY: DH DATE: JUNE 2024
 DWG NAME: PROJ # - R314624.12
 CHECKED BY: RD DATE: JUNE 2024

Designed By: **HUITT ZOLLARS**
 333 Rio Rancho Drive NE, Suite 101
 Rio Rancho, New Mexico 87124
 Phone (505) 892-5141 Fax (505) 892-3259

| | | | |
|--|----------------|-------------|-------------|
| PEÑA BLANCA COMMUNITY CENTER PHASE 1 SITE IMPROVEMENTS | | | |
| TITLE: CIVIL DETAILS | | | |
| Design Review Committee | City Engineer | Mo./Day/Yr. | Mo./Day/Yr. |
| | | | |
| City Project No. XXXXX | Zone Map No. X | Sheet | Of |
| PROJECT NO. R314624.12 | | SHEET C-104 | |



RETAINING WALL (1 - 3 COURSES)



RETAINING WALL (4 - 6 COURSES)

RETAINING WALL DETAIL

N.T.S. A

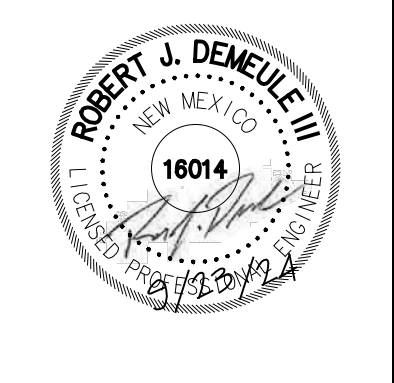
MASONRY WALL CONSTRUCTION NOTES:

- RETAINING WALLS ARE REQUIRED WHENEVER THE DIFFERENCE IN SURFACE ELEVATIONS EXCEED 1.99' FEET (3 EXPOSED CMU COURSES)
- ALL MASONRY UNITS SHALL BE TYPE 1, GRADE N WITH A COMPRESSIVE STRENGTH OF 1900 PSI (NET AREA). F_m = 1500 PSI
- MORTAR SHALL BE TYPE S.
- GROUT - F' = 2000 PSI
- CELLS CONTAINING REBAR SHALL BE GROUTED SOLID FROM THE BOTTOM TO THE TOP OF THE WALL IN ACCORDANCE WITH THE UNIFORM BUILDING CODE.
- PROVIDE PILASTERS AT 12' O.C. MAXIMUM, OR IF NO PILASTERS ARE USED, PROVIDE EXPANSION JOINTS AT 20' O.C.
- THE BACK OF WALLS BELOW GRADE SHALL BE WATERPROOFED PRIOR TO BACKFILLING.
- ALL CELLS BELOW GRADE SHALL BE GROUTED SOLID.
- LAP ALL REBAR 40 BAR DIAMETERS, UNLESS OTHERWISE NOTED.
- ALL HORIZONTAL REINFORCING IN BOND BEAMS SHALL BE CONTINUOUS AROUND CORNERS OR HAVE CORNER BARS OF THE SAME SIZE AND A LAP OF 48 BAR DIAMETERS OR 24" MINIMUM. VERTICAL STEEL SHALL CONTINUE THROUGH BOND BEAMS.
- PROVIDE STANDARD TRUSS TYPE JOINT REINFORCING AT 16" O.C. (ALTERNATE COURSES). USE PREFABRICATED CORNERS AND TEES AT ALL WALL CORNERS AND INTERSECTIONS RESPECTIVELY.
- MIN. CONCRETE COMPRESSIVE STRENGTH SHALL BE 3000 PSI.
- WEEPHOLES MAY BE PROVIDED BY ELIMINATING THE MORTAR BETWEEN EVERY OTHER JOINT OF THE SECOND COURSE OF BLOCK.
- SUBGRADE UNDER FOOTING SHALL BE COMPACTED TO 95% ASTM D-1557, AND ALL BACKFILL SHALL BE COMPACTED TO 90% ASTM D-1557 IN NON-PAVED AREAS, AND 95% ASTM D-1557 IN PAVED AREAS.
- REINFORCING STEEL SHALL COMFORM TO ASTM A-615, GRADE 60.
- ALL RETAINING WALLS REPRESENTED ON THIS SHEET HAVE BEEN DESIGNED TO ACCEPT A 5' TO 6' PRIVACY WALL.
- THE TOP COURSE OF RETAINING WALL SHOULD BE A 2" THICK SOLID MASONRY CAP UNLESS A PRIVACY WALL IS TO BE CONSTRUCTED ON TOP.
- PROVIDE ANTI-GRAFFITI SURFACE COATING ON THE CMU WALL WHEN FACING THE PUBLIC AREAS AND RIGHT-OF-WAY LOCATIONS.

GENERAL NOTE:

- WHERE C.M.U. PRIVACY WALLS OR RETAINING WALLS ARE INSTALLED, WEEP HOLES SHALL BE PROVIDED IN THE PORTION OF THE WALL BELOW GRADE, TO RELIEVE POTENTIAL HYDROSTATIC PRESSURE, BY ELIMINATING THE MORTAR FROM ALTERNATING VERTICAL JOINTS IN EVERY OTHER COURSE OF BLOCK BELOW GRADE. NO TURNED BLOCKS WILL BE ALLOWED.
- ADDITIONAL COURSE MAY BE BURIED AS A RESULT OF FIELD CONDITIONS.
- PAY ITEM IS FOR EXPOSED BLOCKS ONLY.
- ALL RETAINING WALLS TO BE CONSTRUCTED UNDER SEPARATE PERMIT.

| AS BUILT INFORMATION | |
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| CONTRACTOR | DATE |
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| BENCH MARKS | |
| NO. | DATE |
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| SURVEY NOTES | |
| FIELD NOTES | BY |
| | |
| MICRO-FILM INFORMATION | |
| RECORDED BY | DATE |
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| NO. | DATE | REVISIONS | BY |
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DESIGNED BY: RD
 DRAWN BY: DH
 DWG NAME: R314624.12
 CHECKED BY: RD

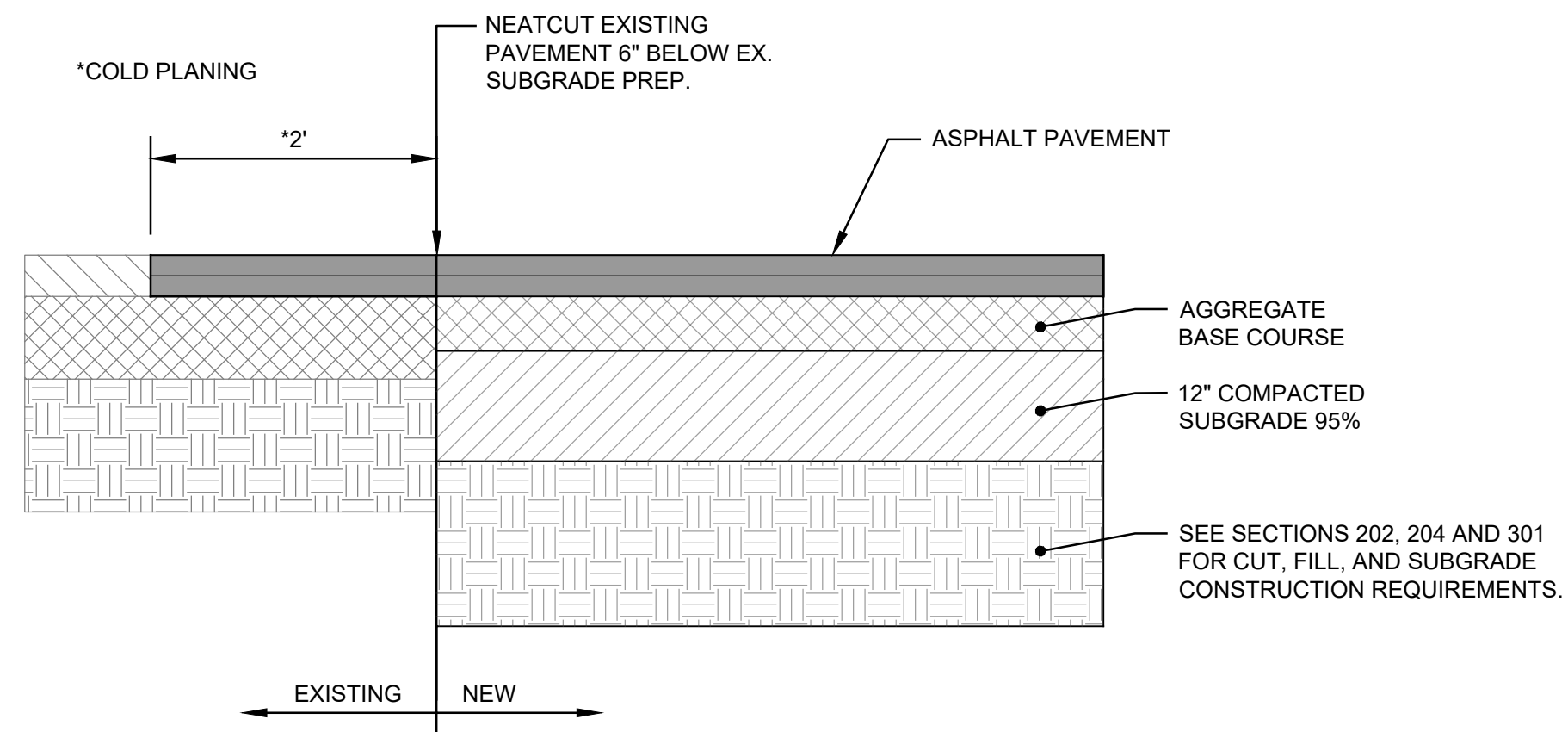
**PEÑA BLANCA COMMUNITY CENTER
 PHASE 1 SITE IMPROVEMENTS**

TITLE: **CIVIL DETAILS**

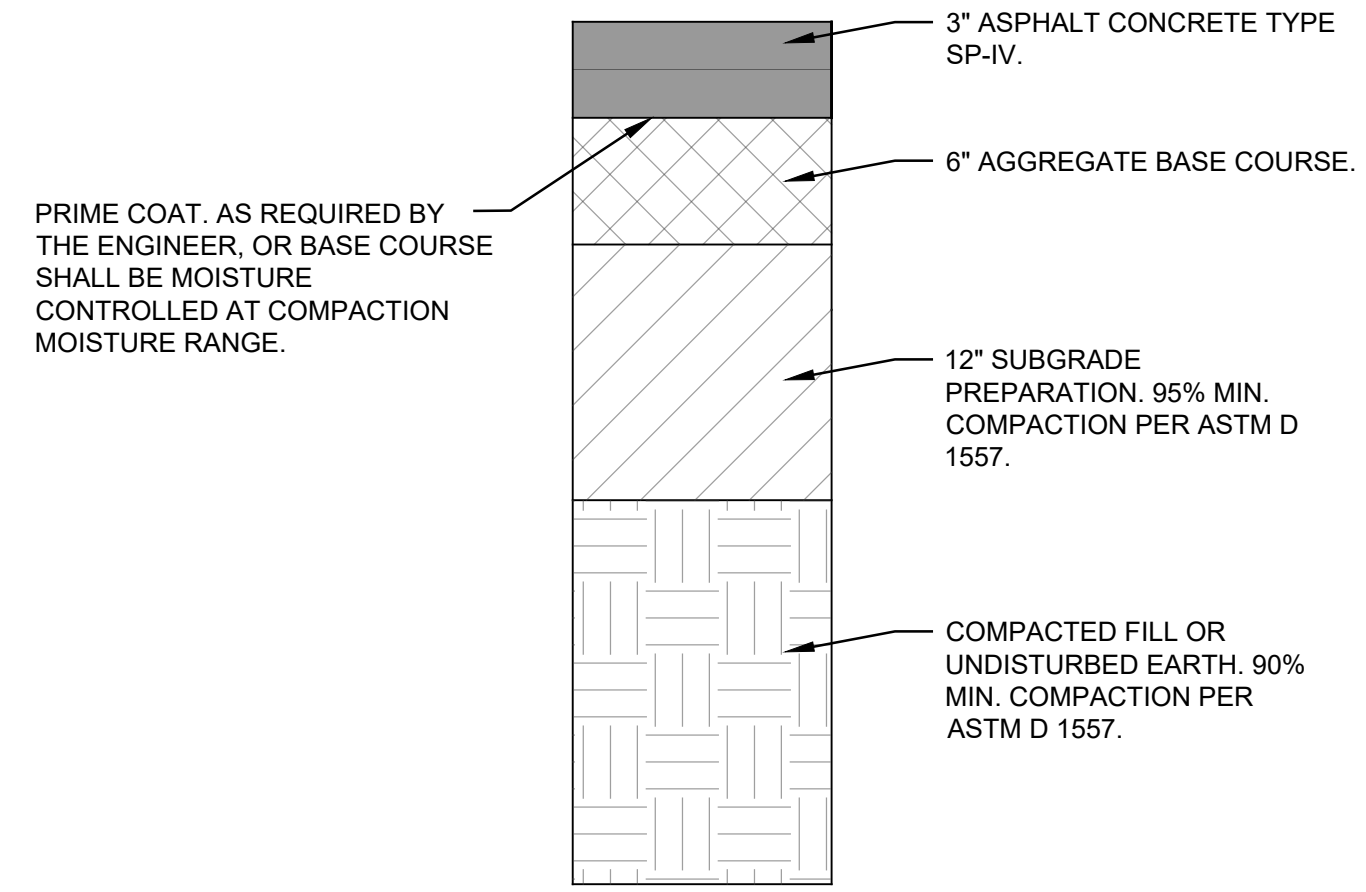
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| Design Review Committee | City Engineer | Mo./Day/Yr. | Mo./Day/Yr. |
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| City Project No. XXXXX | | Zone Map No. X | Sheet Of |

PROJECT NO. R314624.12 SHEET C-105

Plotted: 5/23/2024 8:41:24 AM By: Huerta, Dominic
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 User: dave@r314624.12 0.3x21 AML.dwg



EXIST. / NEW ASPHALT PAVEMENT JOINT
Scale: NTS **A**



ASPHALT PAVEMENT SECTION
Scale: NTS **B**

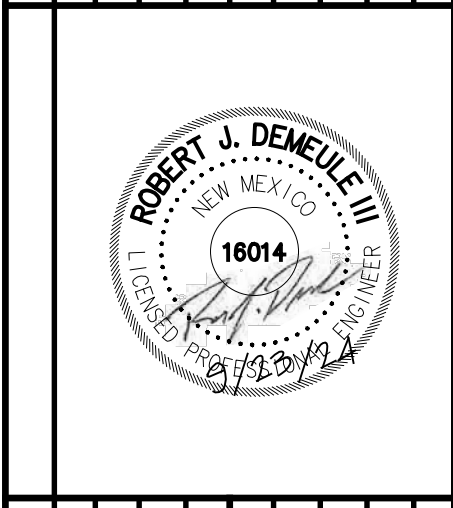
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 AutoCAD\Sheet\Phase 1C-101_C-106.dwg
 User: dave@r314624 6/3/21 1:41:01 AM



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**HUITT
 HZ ZOLLARS**
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 Rio Rancho, New Mexico 87124
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| AS BUILT INFORMATION | |
|------------------------|------|
| CONTRACTOR | DATE |
| WORK STARTED BY | DATE |
| FIELD ACCEPTANCE BY | DATE |
| FIELD DRAWN BY | DATE |
| DRAWINGS CORRECTED BY | DATE |
| MICRO-FILM INFORMATION | |
| RECORDED BY | DATE |
| NO. | DATE |

| SURVEY INFORMATION | |
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| FIELD NOTES | DATE |
| BY | |
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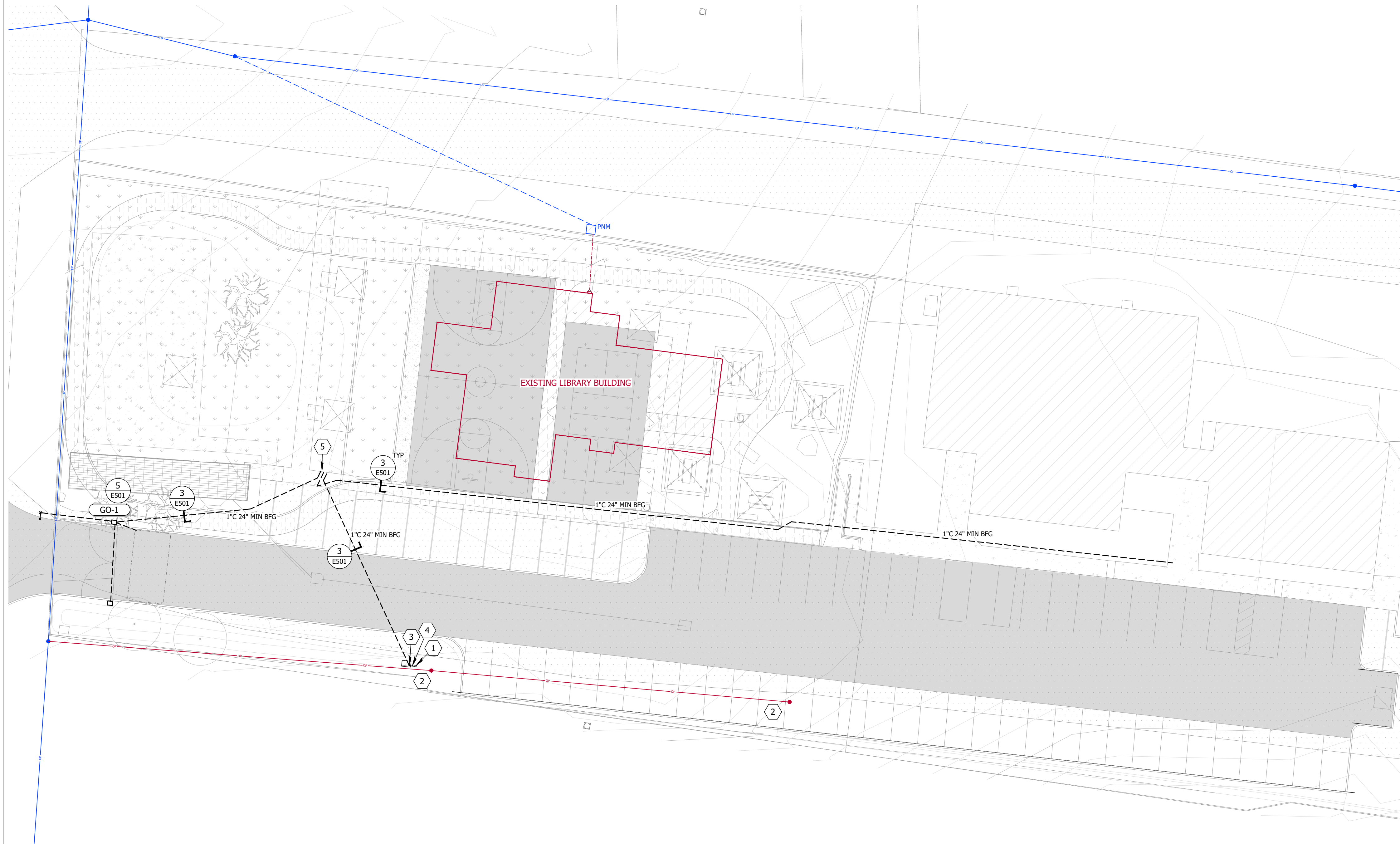
| NO. | DATE | REVISIONS | BY |
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| | | DESIGN | |
| DESIGNED BY: RD | | DATE: - JUNE 2024 | |
| DRAWN BY: DH | | DATE: - JUNE 2024 | |
| DWG NAME: - | | PROJ # - R314624.12 | |
| CHECKED BY: RD | | DATE: - JUNE 2024 | |

**PEÑA BLANCA COMMUNITY CENTER
 PHASE 1 SITE IMPROVEMENTS**

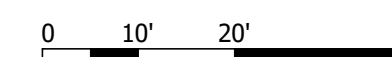
TITLE: **CIVIL DETAILS**

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| Design Review Committee | City Engineer | Mo./Day/Yr. | Mo./Day/Yr. |
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| Least Update | | | |
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| City Project No. XXXXX | Zone Map No. X | Sheet | Of |
| PROJECT NO. <u>R314624.12</u> | | SHEET <u>C-106</u> | |

Plotted: 9/6/2024 2:01:06 PM, By: deminw
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 Last Saved: 9/6/2024 1:52:09 PM, deminw



1 SITE PLAN
 SCALE: 1" = 20'



GENERAL SHEET NOTES

- THIS DRAWING IS INCOMPLETE AND NOT TO BE USED FOR CONSTRUCTION UNLESS IT IS SEALED, SIGNED, AND DATED
 THIS PLOT MAY NOT BE FULL SIZE - ADJUST SCALE ACCORDINGLY **1"**
 REFER TO GENERAL NOTES ON DRAWING E001
- A ALL OFF-SITE WORK IN PUBLIC RIGHT-OF-WAY SHALL COMPLY WITH LOCAL GOVERNMENT REQUIREMENTS AND PERMITTING FOR ACCESS, SAFETY, TRAFFIC CONTROL, UTILITY LOCATION MARKING, AND CONSTRUCTION
 NM ONE CALL 811 or (800) 321-2537
 - B EXISTING SITE AND OFF-SITE GROUND SURFACES AND SUB-SURFACE IMPROVEMENTS DAMAGED OR DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE RESPECTIVE OWNER - OBTAIN WRITTEN APPROVAL OF THE REPAIR OR REPLACEMENT FROM THE OWNER AND SUBMIT ONE COPY TO THE OWNER IN THIS CONSTRUCTION CONTRACT
 - C MAINTAIN AND PROTECT ALL EXISTING UTILITIES AND SERVICES DURING CONSTRUCTION - OUTAGES SHALL BE SCHEDULED AND NOTICES ISSUED A MINIMUM OF 2-DAYS PRIOR
 - D REFER TO OTHER SITE PLANS IN THIS SET OF DRAWINGS FOR LOCATIONS OF EXISTING AND NEW WATER, SEWER, GAS, AND STORM DRAIN UTILITY LOCATIONS AND SERVICE REPRESENTATIVE CONTACT INFORMATION
 - E COORDINATES SHOWN ARE TRUE NORTH RELATIVE TO THE ORIGIN SHOWN - VERIFY ITEM COORDINATES w/ OTHER SITE CONTROL PRIOR TO EXCAVATION
 - F BRANCH CIRCUIT CONDUCTORS WITH A CIRCUIT LENGTH FROM THE OVERCURRENT PROTECTION DEVICE GREATER THAN 100-FT SHALL BE SIZED NOT TO EXCEED 2.0% VOLTAGE DROP TO THE CENTER OF THE LOAD
 - G ALL CIRCUITS SHALL HAVE DEDICATED (UNSHARED) NEUTRAL CONDUCTORS UNLESS MULTI-POLE CIRCUIT BREAKERS ARE SHOWN FOR THE CIRCUITS IN THE PANEL BOARD SCHEDULES - PROVIDE HANDLE TIES FOR 1-POLE CIRCUIT BREAKERS ON CIRCUITS WITH SHARED NEUTRALS
 - H ALL CIRCUIT NUMBER LABELS AT OUTLETS, RECEPTACLES, AND SWITCHES IN FINISHED AREAS SHALL BE LOCATED ON THE CONDUCTORS INCLUDING GROUNDED CONDUCTORS OR BEHIND THE DEVICE PLATE ALONG THE FRONT SIDE OR BOTTOM EDGE OF THE OUTLET BOX OR DEVICE RING - NOT ON THE DEVICE PLATE OR THE DEVICE
 - J PANEL BOARDS, CABINETS, AND ELECTRICAL EQUIPMENT ARE SHOWN ON THE DRAWINGS WITH THE IDENTIFYING TEXT ON THE FRONT SIDE - THE EQUIPMENT FRONT IS TOWARD THE IDENTIFYING TEXT

SHEET KEYNOTES

- 1 IRRIGATION CONTROLLER
- 2 COORDINATE REMOVAL OF UTILITY LINES, POLES, AND EQUIPMENT WITH THE UTILITY COMPANY
- 3 PROVIDE RECEPTACLE INSIDE HOT-BOX FOR FREEZE PROTECTION HEATER
- 4 EXTEND BRANCH CCT INTO IRRIGATION CONTROLLER PEDESTAL AND CONNECT
- 5 CAP, TAG, AND MARK LOCATION OF CONDUIT STUBOUT FOR FUTURE EXTENSION

| AS BUILT INFORMATION | |
|------------------------|------|
| CONTRACTOR | DATE |
| WORK STARTED BY | DATE |
| WORK ACCEPTANCE BY | DATE |
| FIELD LOCATION BY | DATE |
| DRAWING BY | DATE |
| CORRECTED BY | DATE |
| MICRO-FILM INFORMATION | |
| RECORDED BY | DATE |
| NO. | DATE |

| BENCH MARKS | |
|-------------|------|
| NO. | DATE |

| SURVEY INFORMATION | |
|--------------------|------|
| FIELD NOTES | DATE |
| BY | DATE |
| NO. | DATE |



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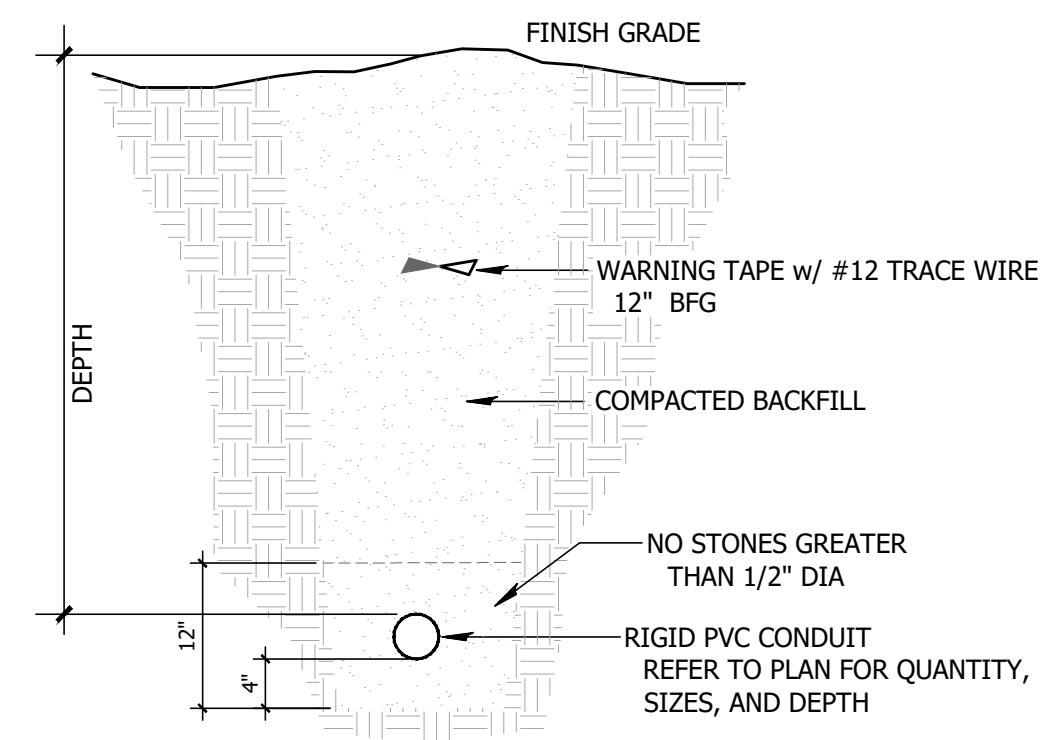
**PENA BLANCA COMMUNITY PARK
 PHASE 1 SITE IMPROVEMENTS**

TITLE: **ELECTRICAL
 SITE PLAN**

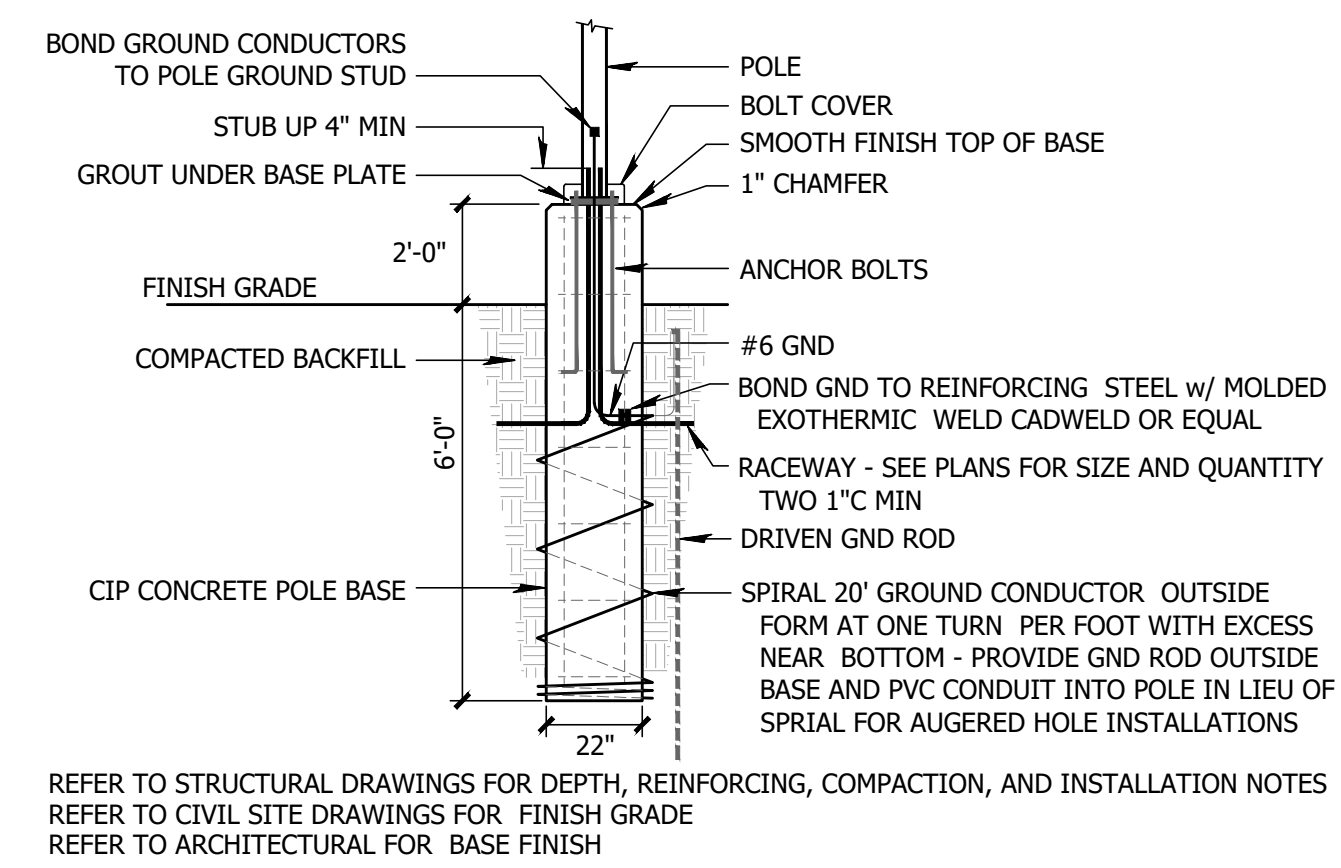
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| Design Review Committee | City Engineer | Mo./Day/Yr. | Mo./Day/Yr. |
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| City Project No. | Zone Map No. | Sheet | Of |
| | | E101 | |
| PROJECT NO. | | SHEET | |

GENERAL SHEET NOTES

THIS DRAWING IS INCOMPLETE AND NOT TO BE USED FOR CONSTRUCTION UNLESS IT IS SEALED, SIGNED, AND DATED
 THIS PLOT MAY NOT BE FULL SIZE - ADJUST SCALE ACCORDINGLY **1"**
 REFER TO GENERAL NOTES ON DRAWING E001

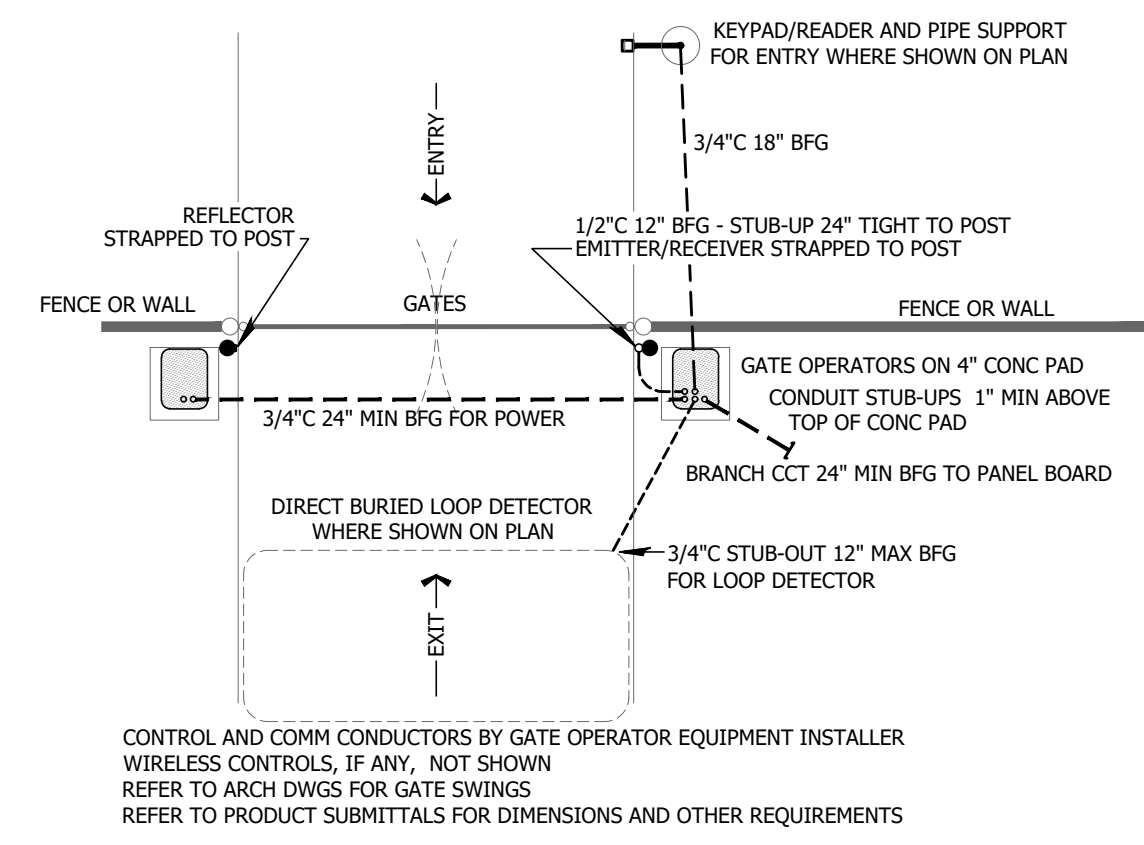


3 SECTION
 BURIED CONDUIT (NOT ENCASED)
 NO SCALE



2 DETAIL
 ROUND FORMED POLE BASE HIGH ABOVE GRADE
 NO SCALE

1 DIAGRAM
 NOT USED
 NOT TO SCALE



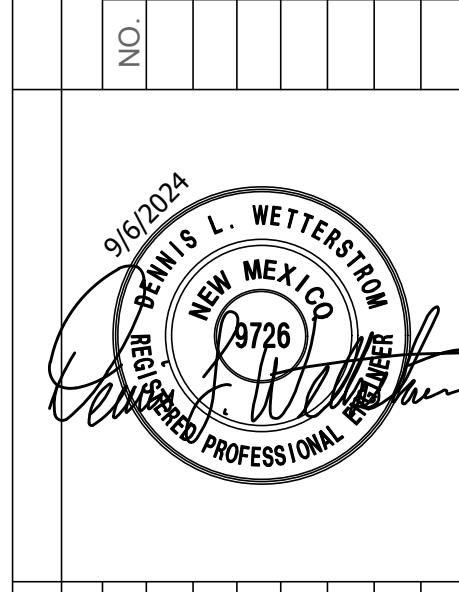
5 DETAIL
 GATE OPERATOR PLAN
 NO SCALE

4 DIAGRAM
 NOT USED
 NOT TO SCALE

| AS BUILT INFORMATION | |
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| CONTRACTOR | DATE |
| WORK STARTED BY | DATE |
| ACCEPTANCE BY | DATE |
| FIELD ACTION BY | DATE |
| DRAWN BY | DATE |
| CHECKED BY | DATE |
| MICRO-FILM INFORMATION | |
| RECORDED BY | DATE |
| NO. | NO. |

| BENCH MARKS | |
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| NO. | DATE | REVISIONS | BY |
|-----|------|-----------|----|
| | | DESIGN | |

DESIGNED BY: DLW DATE: 9/16/2024
 DRAWN BY: DLW DATE: 9/16/2024
 DWG NAME: 017EAF-1.dwg PROJ #: R314624.12
 CHECKED BY: DLW DATE: 9/16/2024

**PENA BLANCA COMMUNITY PARK
 PHASE 1 SITE IMPROVEMENTS**

TITLE: **ELECTRICAL
 DIAGRAMS AND DETAILS**

| | | | |
|-------------------------|---------------|-------------|-------------|
| Design Review Committee | City Engineer | Mo./Day/Yr. | Mo./Day/Yr. |
| | | | |
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City Project No. _____ Zone Map No. _____ Sheet **E501** Of _____

PROJECT NO. _____ SHEET _____

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 Last Saved: 9/16/2024 1:52:09 PM, demissw

EQUIPMENT SCHEDULE

| EQUIP KEY | DESCRIPTION | AREA | SOURCE | V | P | WIRE | MTR HP | MTR FLA | OTHER FLA | NOTE | TOTAL FLA | KVA | PF | KW | WIRE | | | CONDUIT SIZE | MAX PROTECTION | | |
|-----------|---------------|------|--------|-----|---|------|--------|---------|-----------|------|-----------|-----|------|-----|------|----|----|--------------|----------------|------|-----|
| | | | | | | | | | | | | | | | P | N | G | | CB | FUSE | MCP |
| GO-1 | GATE OPERATOR | | P1 | 240 | 1 | 2 | 0.75 | | | | 6.9 | 1.7 | 0.70 | 1.2 | 12 | -- | 12 | 3/4 | 15 | 12 | 10 |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

GENERAL NOTES
 CONDUIT SIZES ARE MINIMUM FOR EMT - CONDUCTOR SIZES ARE MINIMUM FOR CU
 MAX PROTECTION IS PER NEC - SEE PANEL BOARD SCHEDULES, DRAWINGS, AND PRODUCT SUBMITTALS FOR PROTECTION TO BE PROVIDED

- NUMBERED NOTES
 1 SEE DRAWINGS FOR WIRE, CONDUIT, AND PROTECTION SIZES
 2 NON-CONTINUOUS LOAD
 3 ALUMINUM PHASE AND NEUTRAL CONDUCTORS

| AS BUILT INFORMATION | |
|------------------------|------|
| CONTRACTOR | DATE |
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| FIELD ACCEPTANCE BY | DATE |
| FIELD LOCATION BY | DATE |
| DRAWINGS CORRECTED BY | DATE |
| MICRO-FILM INFORMATION | |
| RECORDED BY | DATE |
| NO. | |

| BENCH MARKS | |
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| SURVEY INFORMATION | |
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| BY | |
| NO. | |



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|-------------------------|--------------------|-----------|----|
| NO. | DATE | REVISIONS | BY |
| DESIGNED BY: DLW | DATE: 9/6/2024 | DESIGN | |
| DRAWN BY: DLW | DATE: 9/6/2024 | | |
| DWG NAME: 017EAFP-1.dwg | PROJ #: R314624.12 | | |
| CHECKED BY: DLW | DATE: 9/6/2024 | | |

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| PENA BLANCA COMMUNITY PARK PHASE 1 SITE IMPROVEMENTS | | | |
| TITLE: | | ELECTRICAL SCHEDULES | |
| Design Review Committee | City Engineer | Mo./Day/Yr. | Mo./Day/Yr. |
| | | | |
| | | | |
| City Project No. | Zone Map No. | Sheet | Of |
| | | E601 | |
| PROJECT NO. _____ | | SHEET _____ | |