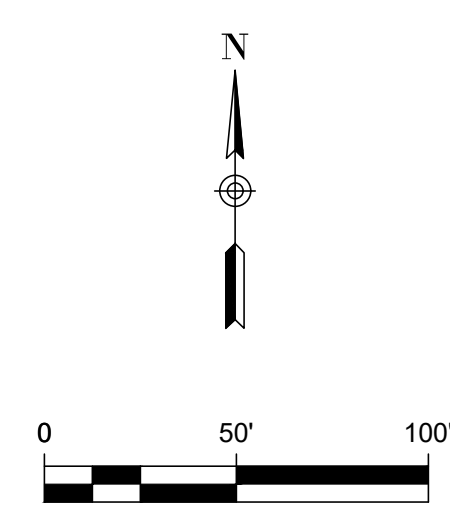
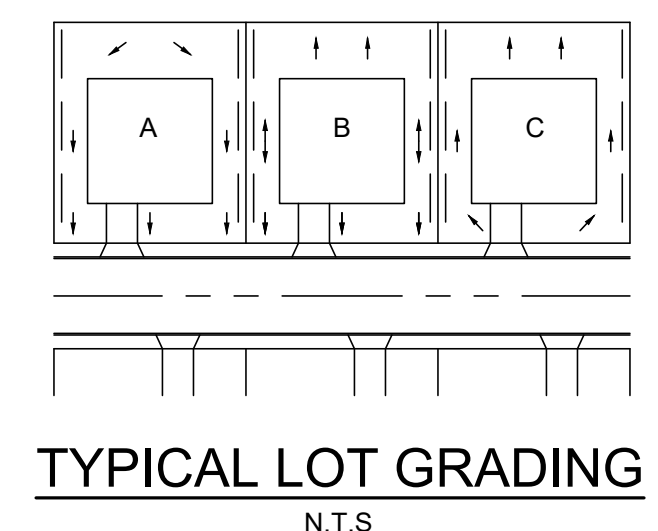
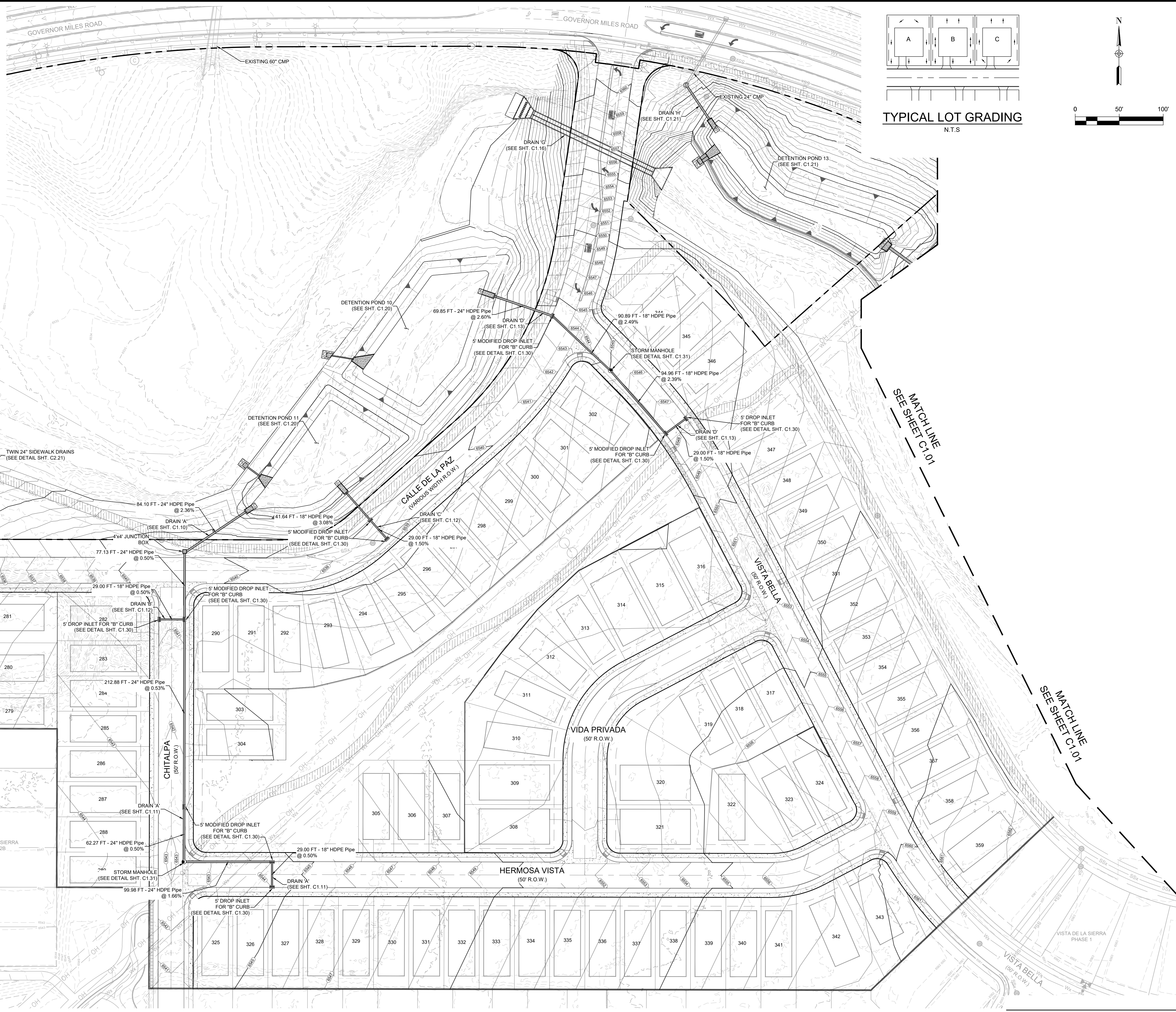
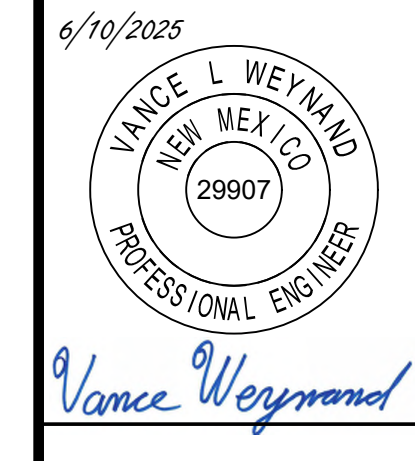


LOCATION MAP
NOT-TO-SCALE

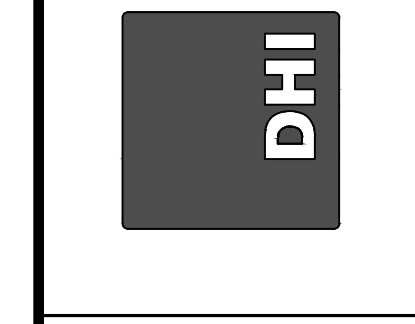


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REV	DATE	DESCRIPTION

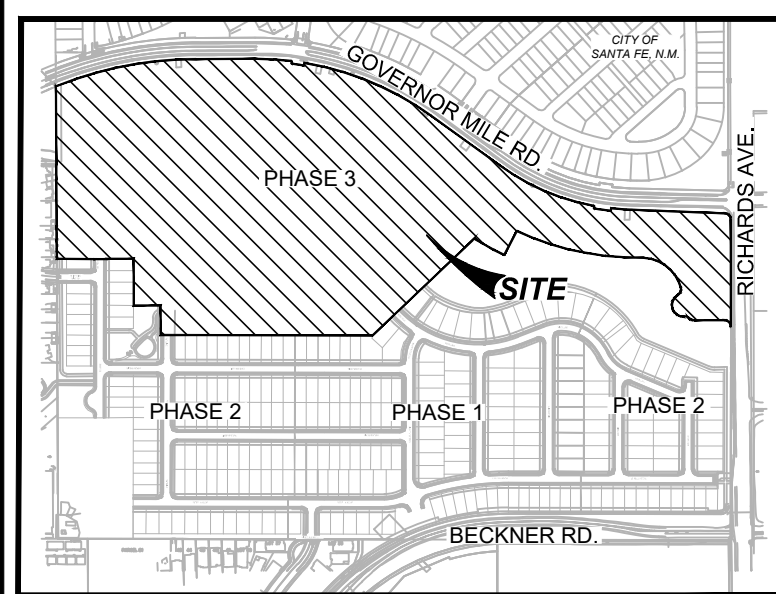


DHI Engineering, LLC.
 4119 ANTELOPE EAST
 SUITE 100
 SANTA FE, NM 87507
 (505) 426-2988 | dhiengineering.com
 TBPE REG. NO. F-19561

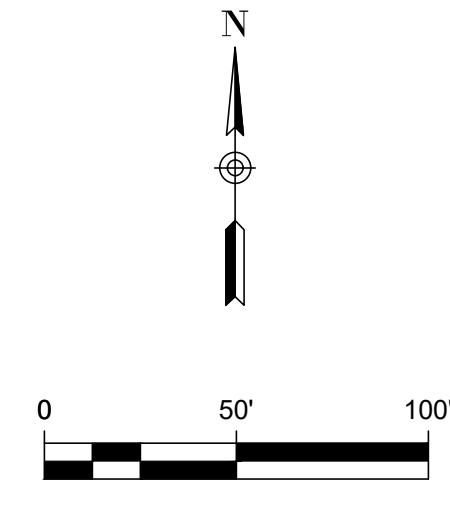
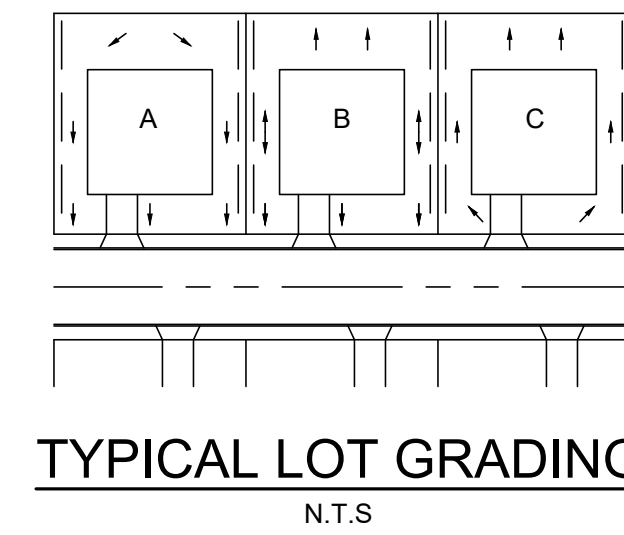


VISTAS DE LA SIERRA SUBDIVISION - PHASE 3
 SANTA FE, NM
OVERALL DRAIN PLAN

DESIGNED BY: JWS
 DRAWN BY: JWS
 DATE: 6/10/2025
 JOB NO.: 05004
 SHEET NO.: **C1.00**



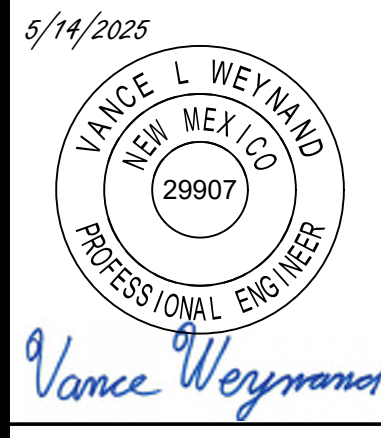
LOCATION MAP
NOT-TO-SCALE



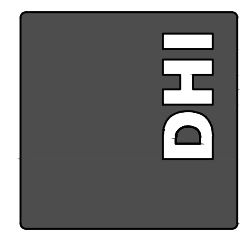
MATCH LINE
SEE SHEET C-1.00

MATCH LINE
SEE SHEET C-1.00

REV	DATE	DESCRIPTION



DHI Engineering, LLC.
 419 S LOOP 1604 EAST
 SUITE 100
 SANTA FE, NM 87505
 (505) 426-2988 | dhiengineering.com
 TBPE REG. NO. F-195661

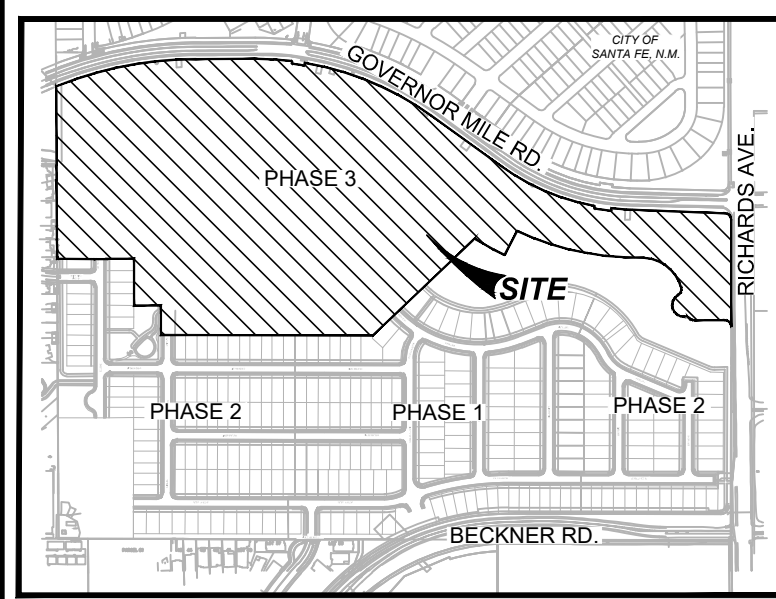


VISTAS DE LA SIERRA SUBDIVISION - PHASE 3
 SANTA FE, NM
OVERALL DRAIN PLAN

DESIGNED BY: JWS
 DRAWN BY: JWS
 DATE: 5/14/2025
 JOB NO.: 05004
 SHEET NO.

C1.01

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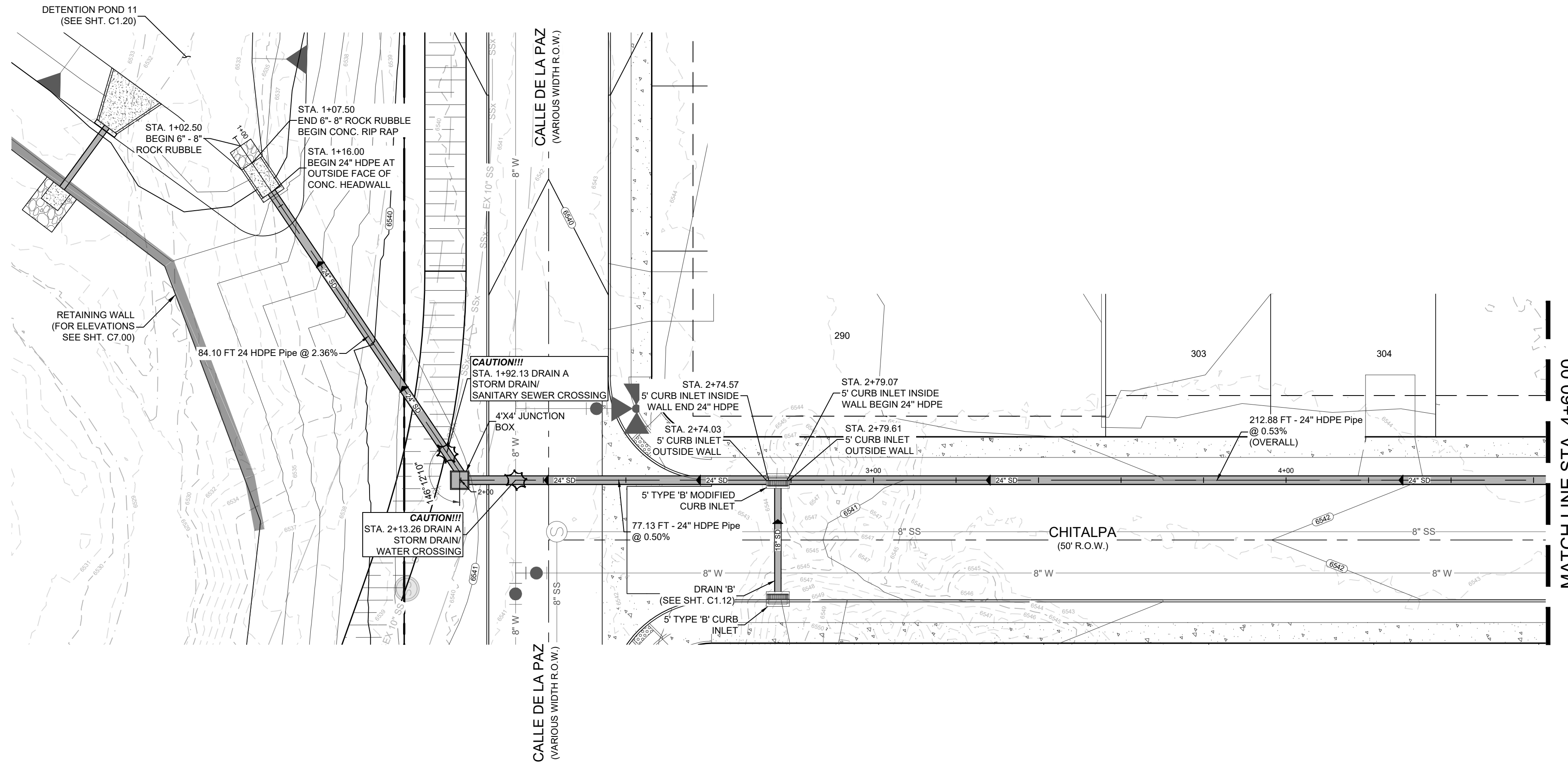
LOCATION MAP NOT-TO-SCALE

TRENCH EXCAVATION PROTECTION

CONTRACTOR AND CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN, GEOTECHNICAL, SAFETY, EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE WITHIN THE PROJECT'S WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEM PROGRAMS AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS...

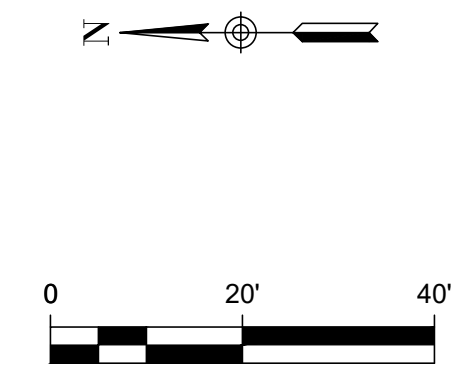
CAUTION!!!

CONTRACTOR SHALL BE REQUIRED TO LOCATE ALL PUBLIC OR PRIVATE UTILITIES INCLUDING BUT NOT LIMITING TO: WATER, SEWER, TELEPHONE AND FIBER OPTIC LINES, SITE LIGHTING ELECTRIC, SECONDARY ELECTRICAL, PRIMARY ELECTRICAL DUCTBANKS, LANDSCAPE IRRIGATION FACILITIES, AND GAS LINES...



DRAIN A STA. 1+00.00 - 4+60.00

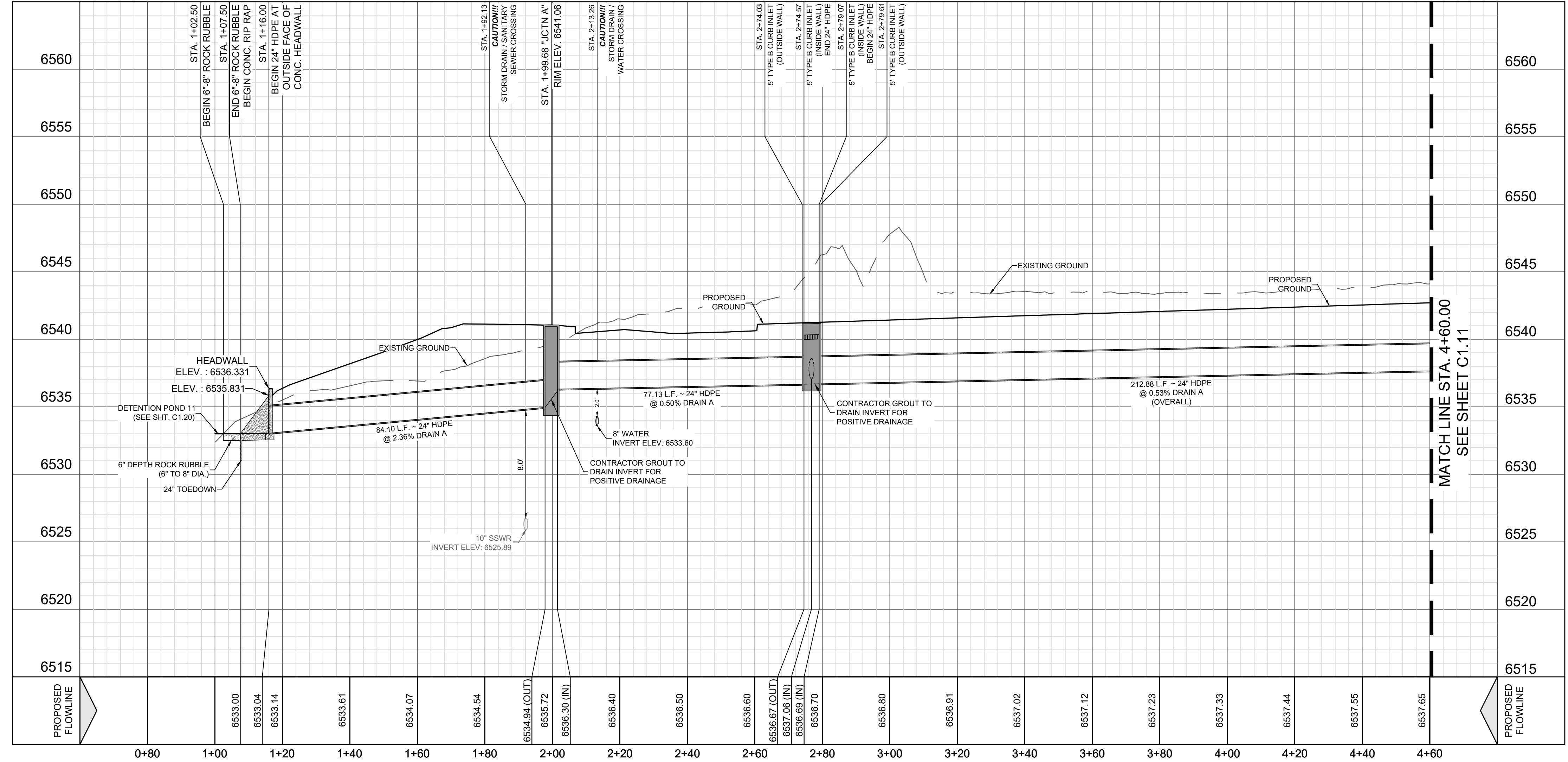
LEGEND (DRAIN) table with symbols for existing/proposed contours, water/sewer lines, manholes, hydrants, wyes, street lights, driveways, and utility easements.



DRAINAGE NOTES:

- 1. CONTRACTOR SHALL COORDINATE A TRAFFIC CONTROL PLAN FOR ALL WORK WITHIN THE R.O.W. ADDITIONAL WORKING SIGNS MAY BE RECOMMENDED BY THE ENGINEER ONCE THE ROADWAYS ARE CONSTRUCTED.
2. THE CONTRACTOR WILL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL UTILITIES AND DRAINAGE STRUCTURES...
3. ALL CONCRETE FOR NMDOT DRAINAGE STRUCTURES SHALL MEET NMDOT SPECIFICATIONS...
4. REFERENCE DRAINAGE DETAILS FOR PIPE TRENCH DETAILS, BOX CULVERT, HEADWALL/WINGWALL CONSTRUCTION DETAILS, AND BOX CULVERT BEDDING AND EXCAVATION LIMITS.
5. CONTRACTOR SHALL GROUT ALL CURB INLETS AND JUNCTION BOXES TO PROVIDE FOR POSITIVE DRAINAGE.
6. CONTRACTOR SHALL MATCH TOP OF CHANNEL TO NATURAL GROUND AND MAINTAIN A MINIMUM CHANNEL DEPTH AS SHOWN IN THE PROFILE.

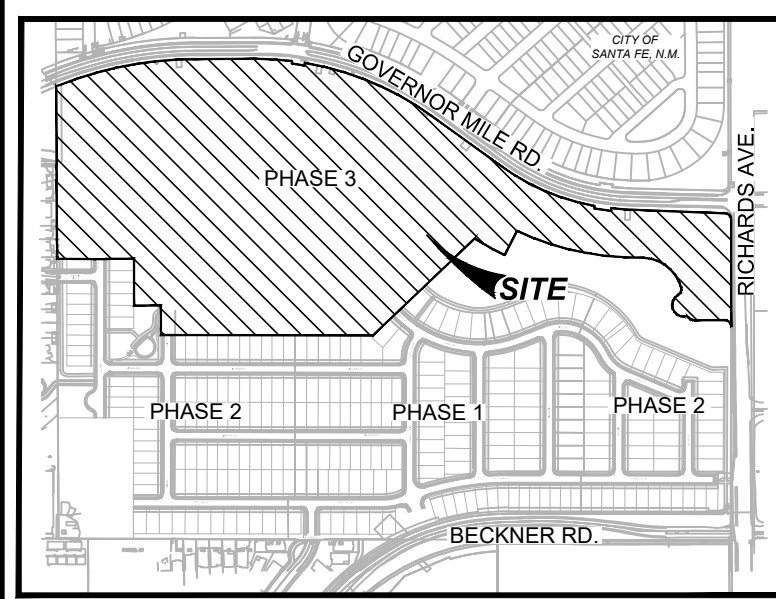
VERTICAL SCALE: 1" = 5' HORIZONTAL SCALE: 1" = 20'



VISTAS DE LA SIERRA SUBDIVISION - PHASE 3 SANTA FE, NM DRAIN A - STA. 1+00.00 TO 4+60.00

Professional Engineer information for Vance L. Weynand, DHI Engineering, LLC, including license number 29907 and contact details.

DESIGNED BY: JWS DRAWN BY: JWS DATE: 5/14/2025 JOB NO.: 05004 SHEET NO. C1.10



LOCATION MAP NOT-TO-SCALE

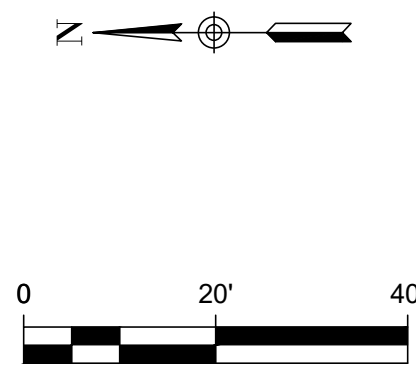
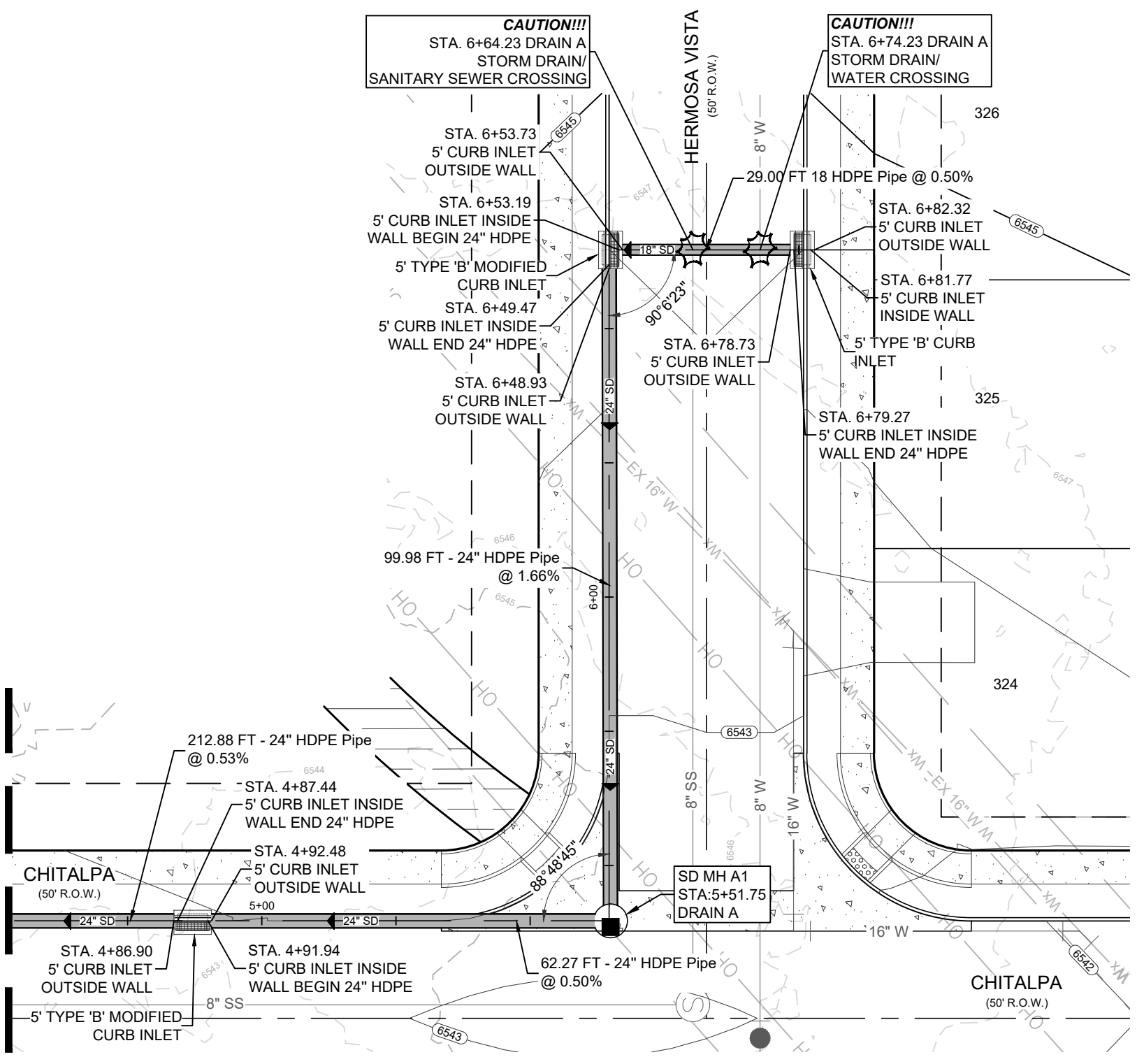
TRENCH EXCAVATION PROTECTION

CONTRACTOR AND CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN, GEOTECHNICAL, SAFETY, EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE WITHIN THE PROJECT'S WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEM PROGRAMS AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS...

CAUTION!!!

CONTRACTOR SHALL BE REQUIRED TO LOCATE ALL PUBLIC OR PRIVATE UTILITIES INCLUDING BUT NOT LIMITING TO: WATER, SEWER, TELEPHONE AND FIBER OPTIC LINES, SITE LIGHTING ELECTRIC, SECONDARY ELECTRIC, PRIMARY ELECTRICAL DUCTBANKS, LANDSCAPE IRRIGATION FACILITIES, AND GAS LINES...

MATCH LINE STA. 4+60.00 SEE SHEET C1.10

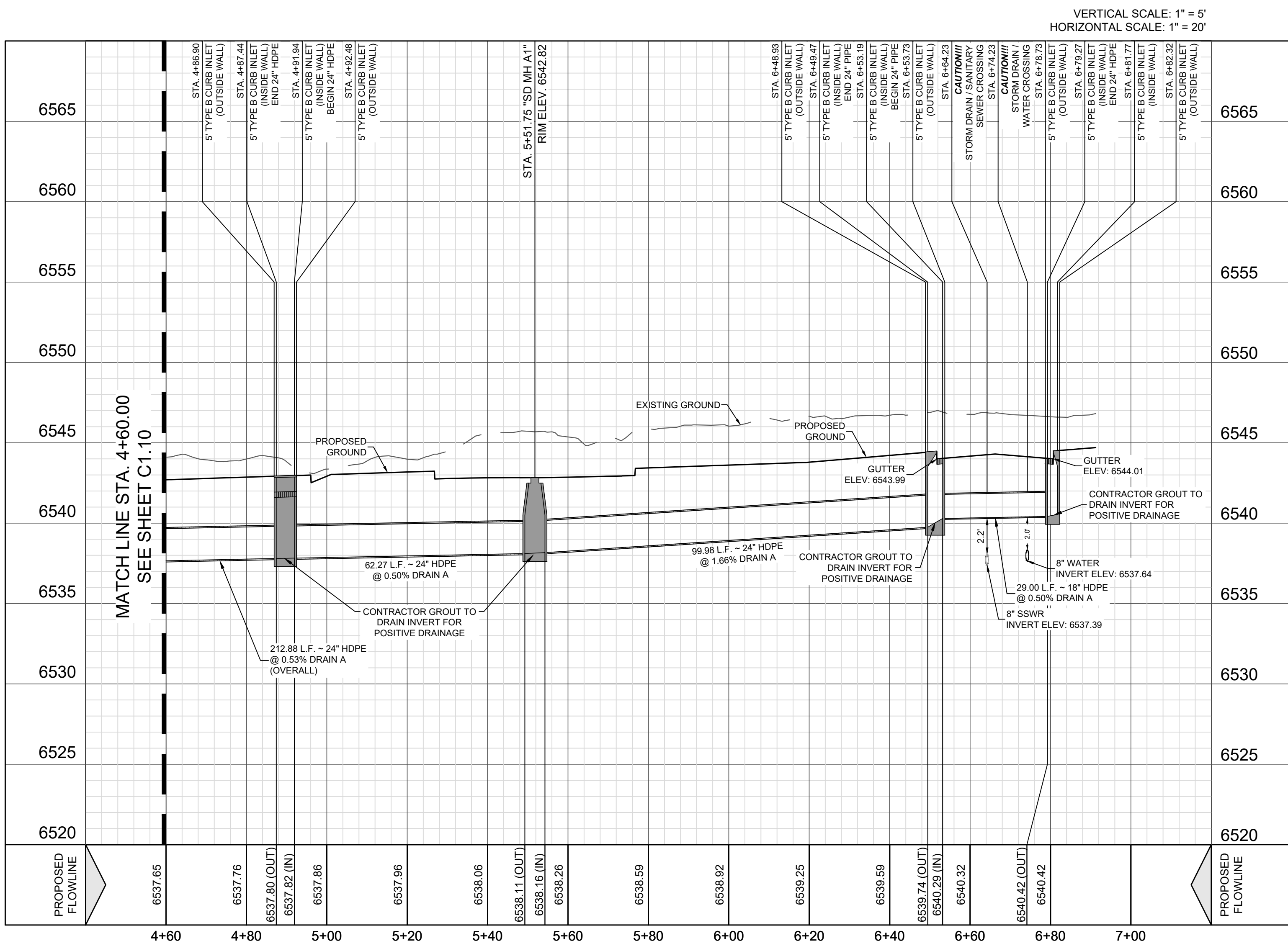


LEGEND (DRAIN) table with symbols for existing/proposed contours, project limits, water/sewer lines, manholes, hydrants, wyes, services, street lights, driveways, and utility symbols (GETCV, TOW, BOW).

DRAINAGE NOTES

- 1. CONTRACTOR SHALL COORDINATE A TRAFFIC CONTROL PLAN FOR ALL WORK WITHIN THE ROW... 2. THE CONTRACTOR WILL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL UTILITIES... 3. ALL CONCRETE FOR FRESH DRAINAGE STRUCTURES SHALL MEET MDOT SPECIFICATIONS... 4. REFERENCE DRAINAGE DETAILS FOR PIPE TRENCH DETAILS... 5. CONTRACTOR SHALL GROUT ALL CURB INLETS AND JUNCTION BOXES... 6. CONTRACTOR SHALL MATCH TOP OF CHANNEL TO NATURAL GROUND...

DRAIN A STA. 4+60.00 - END

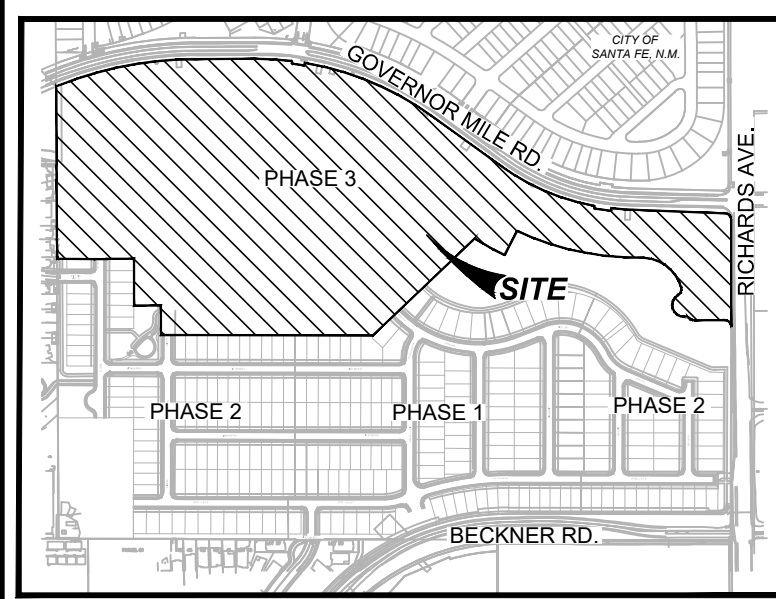


REVISIONS table with columns for REV, DATE, and DESCRIPTION.

DHI Engineering, LLC. 419 ANTONIO LOOP EAST, SANTA FE, NM 87507. Vance Weynand, Professional Engineer, No. F-19561.

VISTAS DE LA SIERRA SUBDIVISION - PHASE 3 SANTA FE, NM DRAIN A - STA. 4+60.00 TO END

DESIGNED BY: JWS DRAWN BY: JWS DATE: 5/14/2025 JOB NO.: 05004 SHEET NO. C1.11



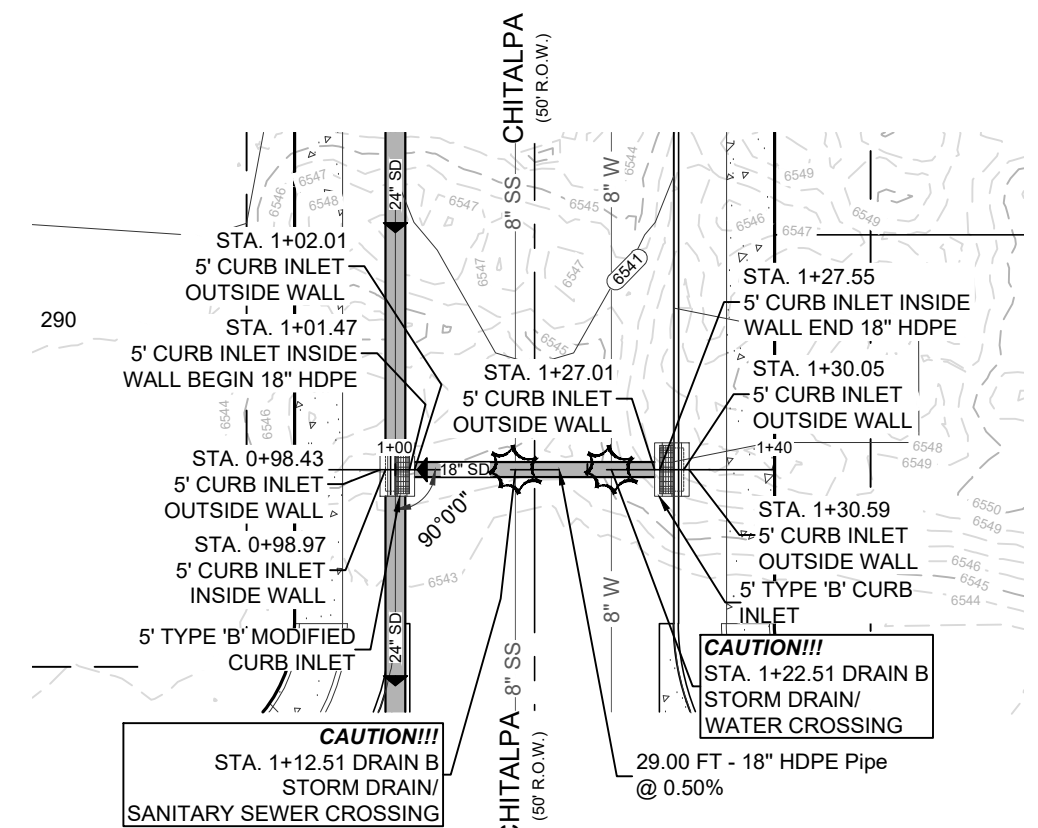
LOCATION MAP NOT-TO-SCALE

TRENCH EXCAVATION PROTECTION

CONTRACTOR AND CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN, GEOTECHNICAL, SAFETY, EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE WITHIN THE PROJECT'S WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEM...

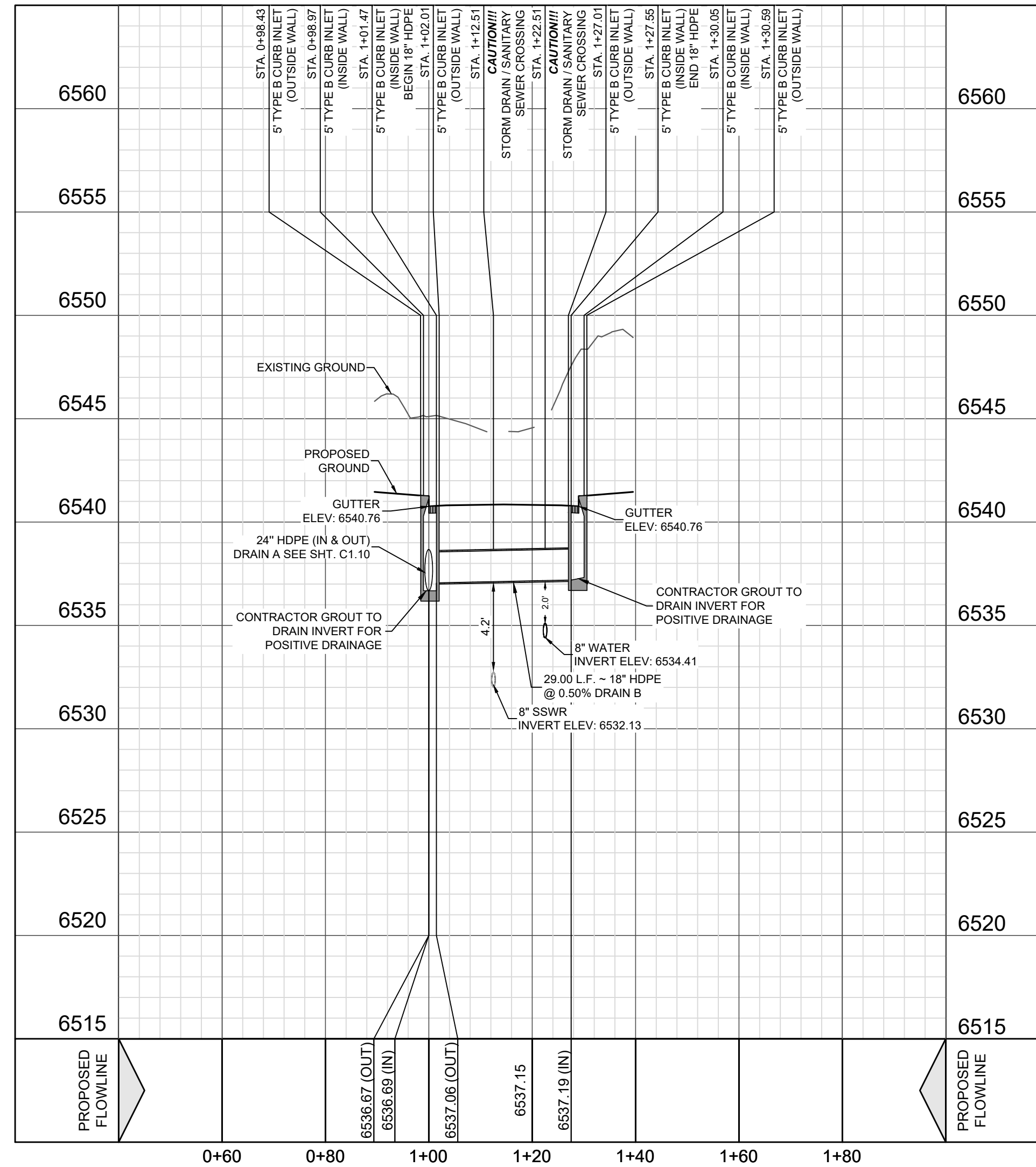
CAUTION!!!

CONTRACTOR SHALL BE REQUIRED TO LOCATE ALL PUBLIC OR PRIVATE UTILITIES INCLUDING BUT NOT LIMITING TO: WATER, SEWER, TELEPHONE AND FIBER OPTIC LINES, SITE LIGHTING ELECTRIC, SECONDARY ELECTRIC, PRIMARY ELECTRICAL DUCTBANKS, LANDSCAPE IRRIGATION FACILITIES, AND GAS LINES...



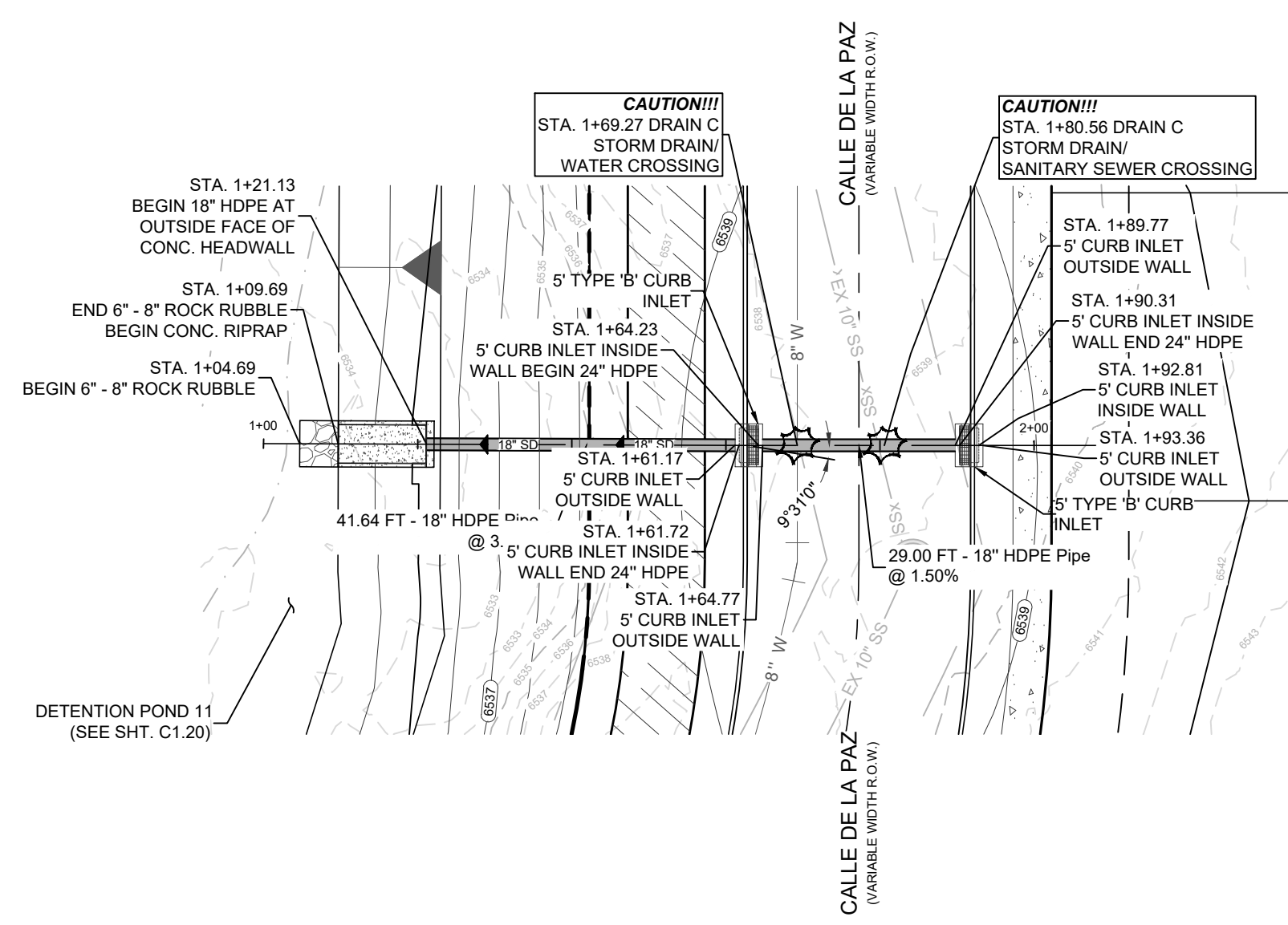
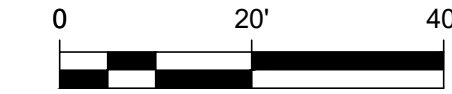
DRAIN B STA. 1+00.00 - END

VERTICAL SCALE: 1" = 5' HORIZONTAL SCALE: 1" = 20'



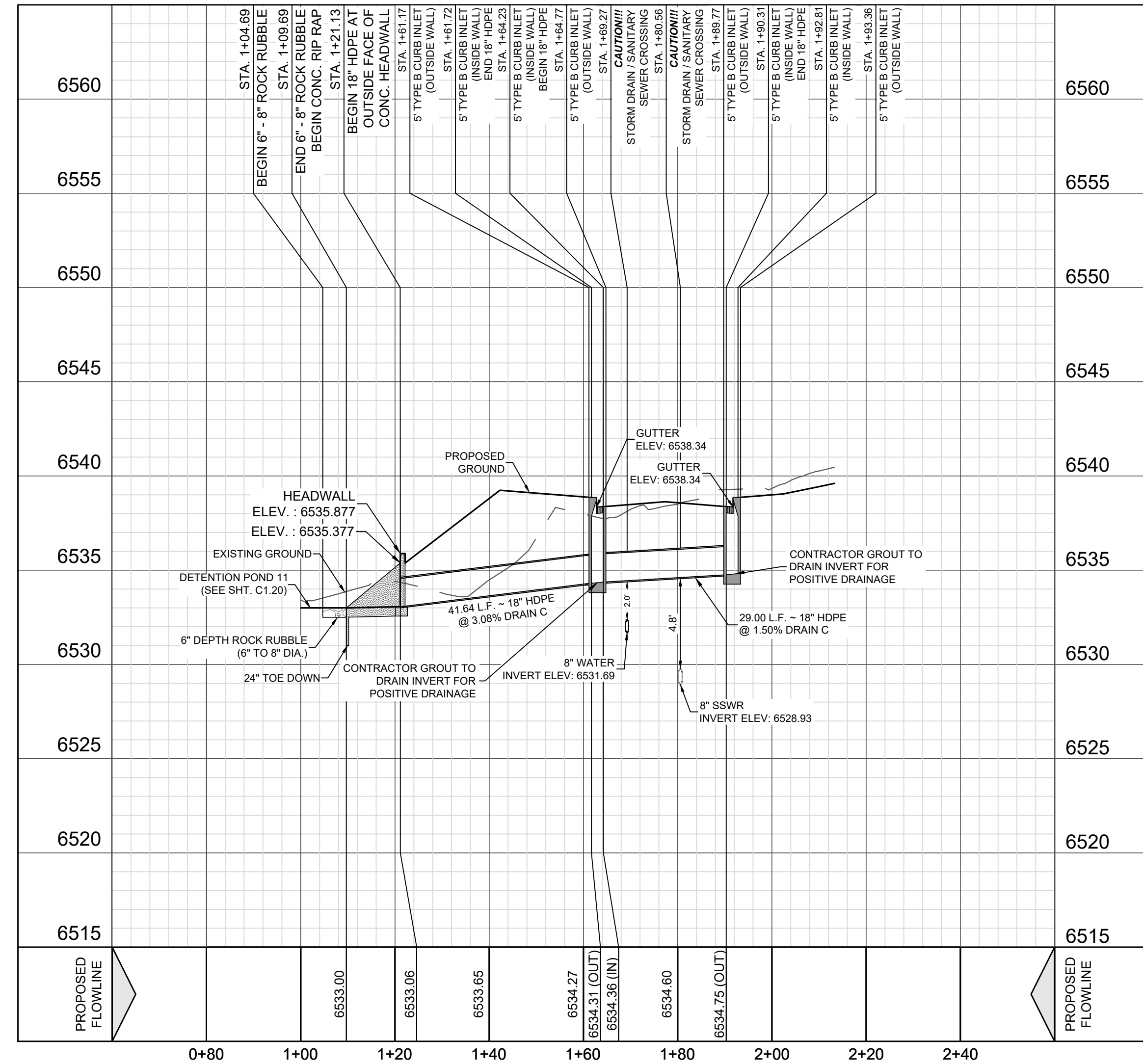
DRAINAGE NOTES:

- 1. CONTRACTOR SHALL COORDINATE A TRAFFIC CONTROL PLAN FOR ALL WORK WITHIN THE ROW. ADDITIONAL WORKING SIGNS MAY BE RECOMMENDED BY THE ENGINEER ONCE THE ROADWAYS ARE CONSTRUCTED.
2. THE CONTRACTOR WILL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL UTILITIES AND DRAINAGE STRUCTURES WHETHER SHOWN ON THE PLANS OR NOT...



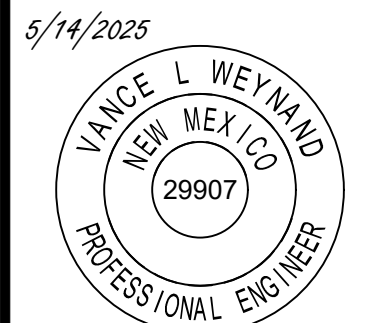
DRAIN C STA. 1+00.00 - END

VERTICAL SCALE: 1" = 5' HORIZONTAL SCALE: 1" = 20'



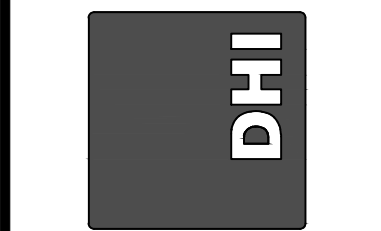
LEGEND (DRAIN) table with symbols for existing contour, proposed contour, project limits, proposed water, proposed sewer, proposed manhole, fire hydrants, proposed wye & lateral, single water service, duel water service, street lights, driveway, gas, electric, telephone & cable, television easement, top of wall, and bottom of wall.

REVISIONS table with columns for REV, DATE, and DESCRIPTION.



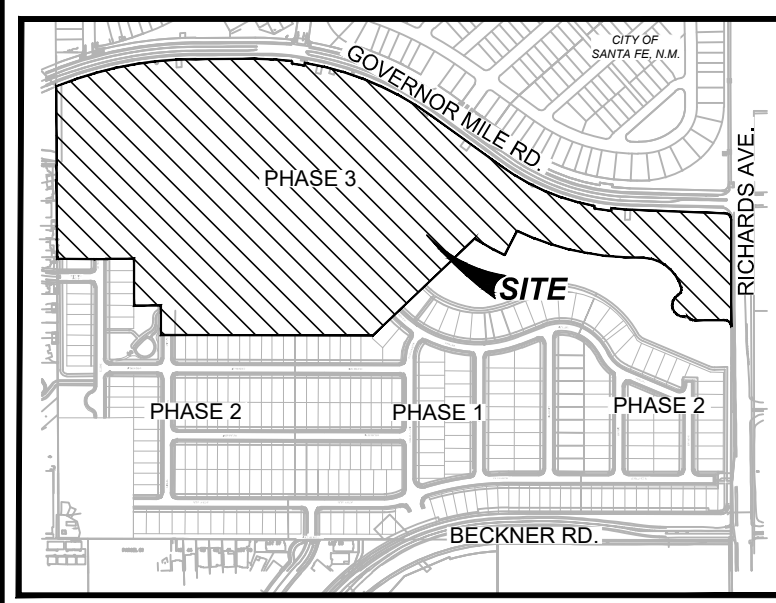
Vance Wehner

DHI Engineering, LLC. 4419 ANTELOPE LOOP EAST, SANTA FE, NM 87507. (505) 426-2988 | dhiengineering.com



VISTAS DE LA SIERRA SUBDIVISION - PHASE 3 SANTA FE, NM DRAIN B & DRAIN C

DESIGNED BY: JWS DRAWN BY: JWS DATE: 5/14/2025 JOB NO.: 05004 SHEET NO. C1.12



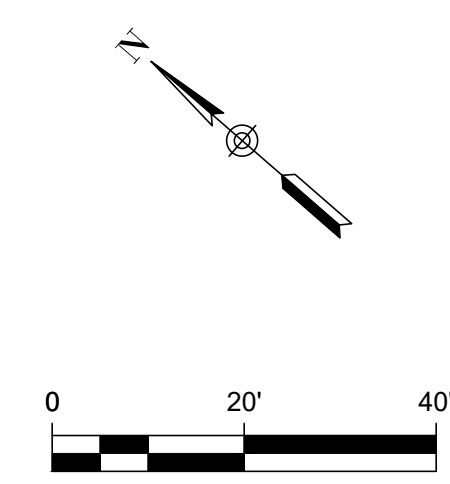
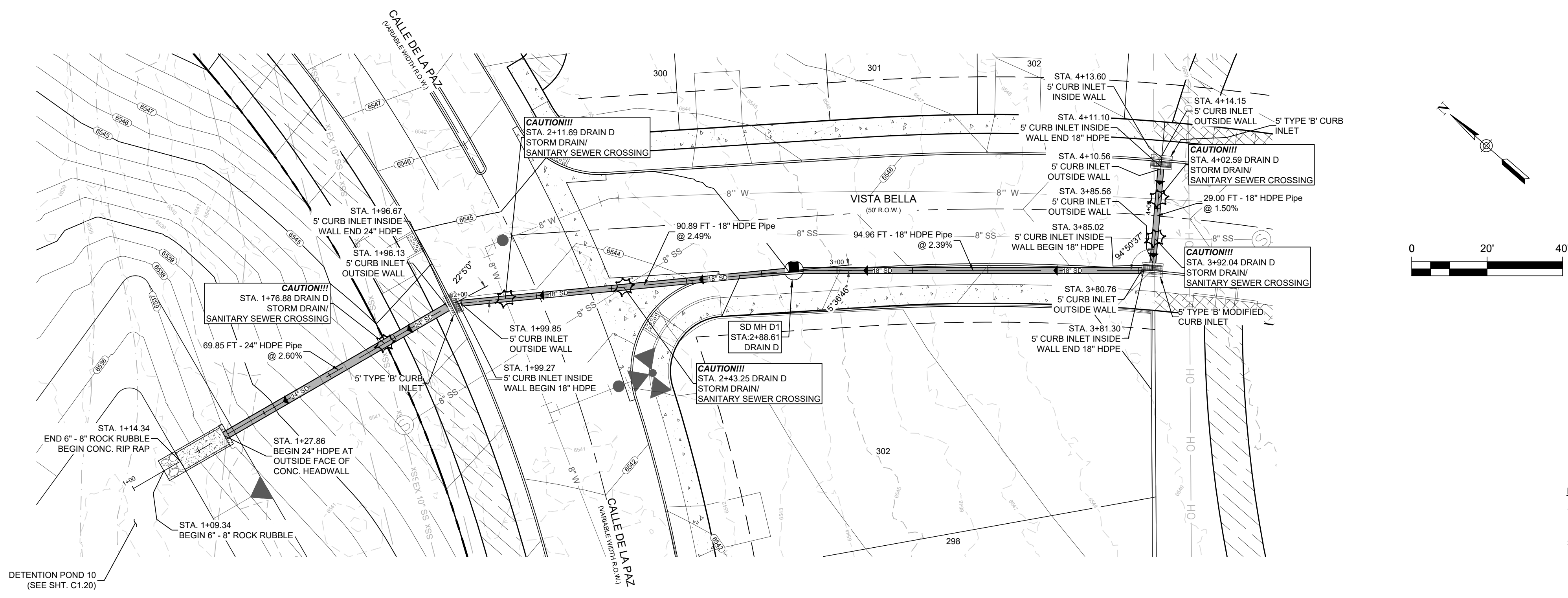
LOCATION MAP NOT-TO-SCALE

TRENCH EXCAVATION PROTECTION

CONTRACTOR AND CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN, GEOTECHNICAL, SAFETY, EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE WITHIN THE PROJECT'S WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEM PROGRAMS AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS...

CAUTION!!!

CONTRACTOR SHALL BE REQUIRED TO LOCATE ALL PUBLIC OR PRIVATE UTILITIES INCLUDING BUT NOT LIMITING TO: WATER, SEWER, TELEPHONE AND FIBER OPTIC LINES, SITE LIGHTING ELECTRIC, SECONDARY ELECTRIC, PRIMARY ELECTRICAL DUCTBANKS, LANDSCAPE IRRIGATION FACILITIES, AND GAS LINES...



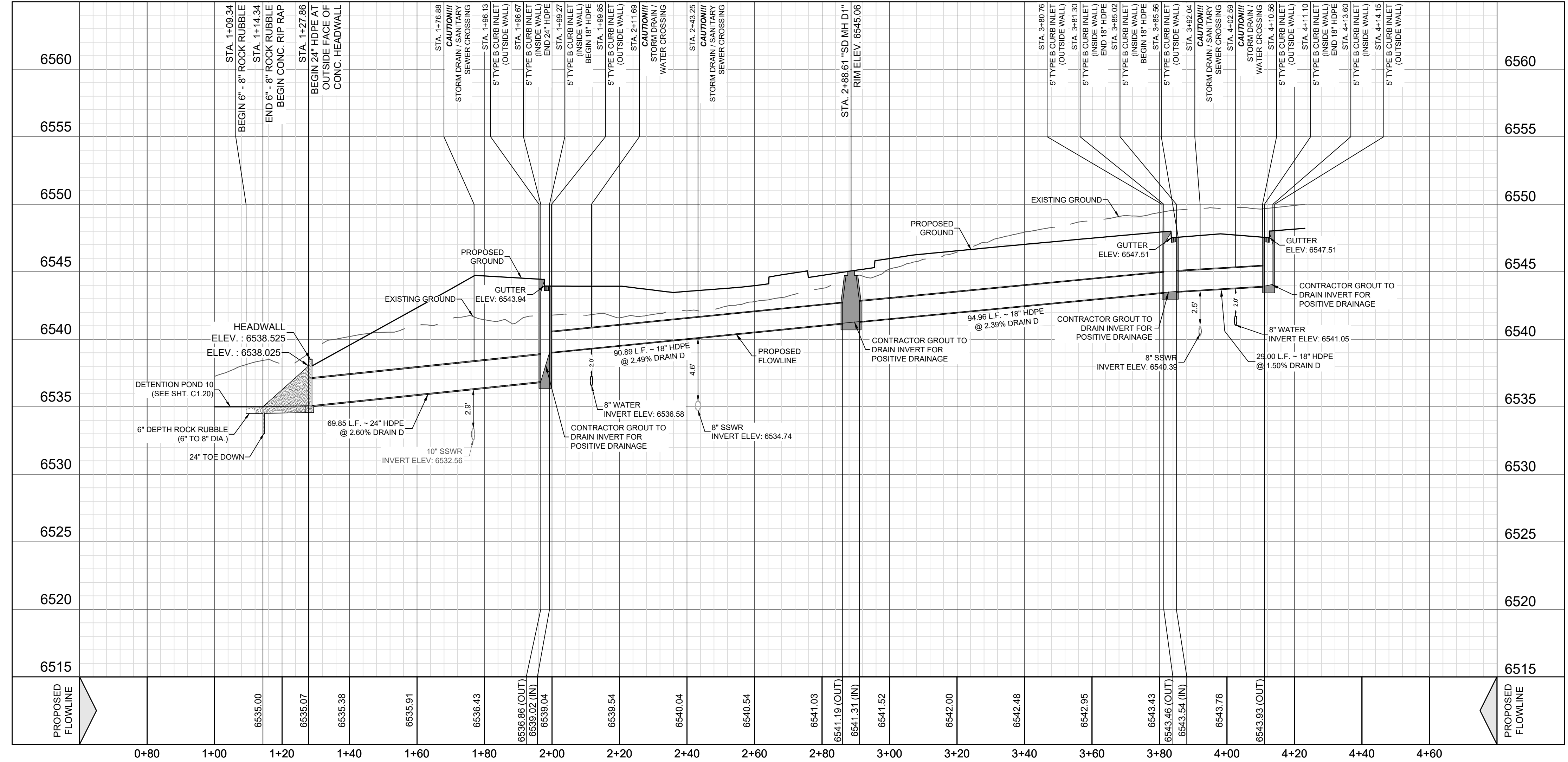
LEGEND (DRAIN) table with symbols for existing/proposed contours, water/sewer lines, manholes, hydrants, wyes, services, lights, driveways, and utility easements.

DRAINAGE NOTES:

- 1. CONTRACTOR SHALL COORDINATE A TRAFFIC CONTROL PLAN FOR ALL WORK WITHIN THE ROW. ADDITIONAL WORKING SIGNS MAY BE RECOMMENDED BY THE ENGINEER ONCE THE ROADWAYS ARE CONSTRUCTED.
2. THE CONTRACTOR WILL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL UTILITIES AND DRAINAGE STRUCTURES WHETHER SHOWN ON THE PLANS OR NOT...

DRAIN D STA. 1+00.00 - END

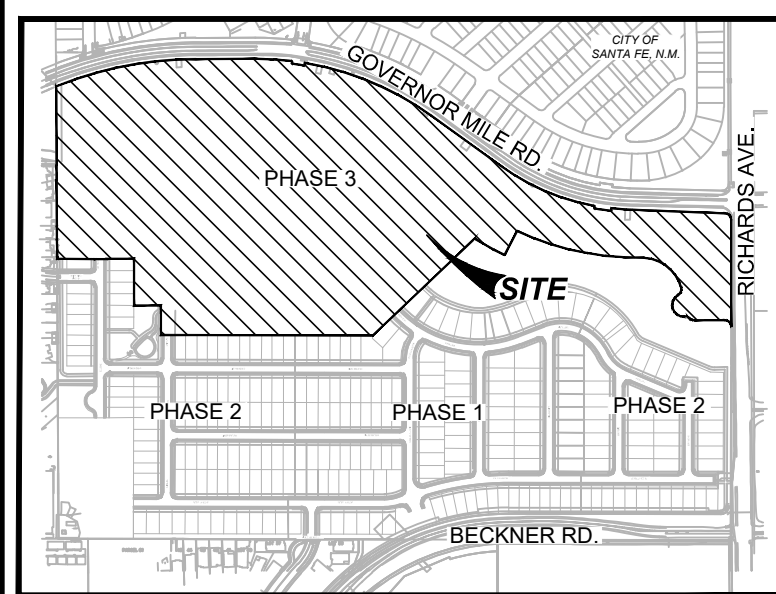
VERTICAL SCALE: 1" = 5' HORIZONTAL SCALE: 1" = 20'



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Professional Engineer information for Vance L. Wehner, State of New Mexico, License No. 29907. Includes DHI Engineering, LLC logo and contact information.

Project title block: VISTAS DE LA SIERRA SUBDIVISION - PHASE 3 SANTA FE, NM. Includes sheet title DRAIN D - STA. 1+00.00 TO END, designer JWS, date 5/14/2025, and sheet number C1.13.



LOCATION MAP NOT-TO-SCALE

TRENCH EXCAVATION PROTECTION

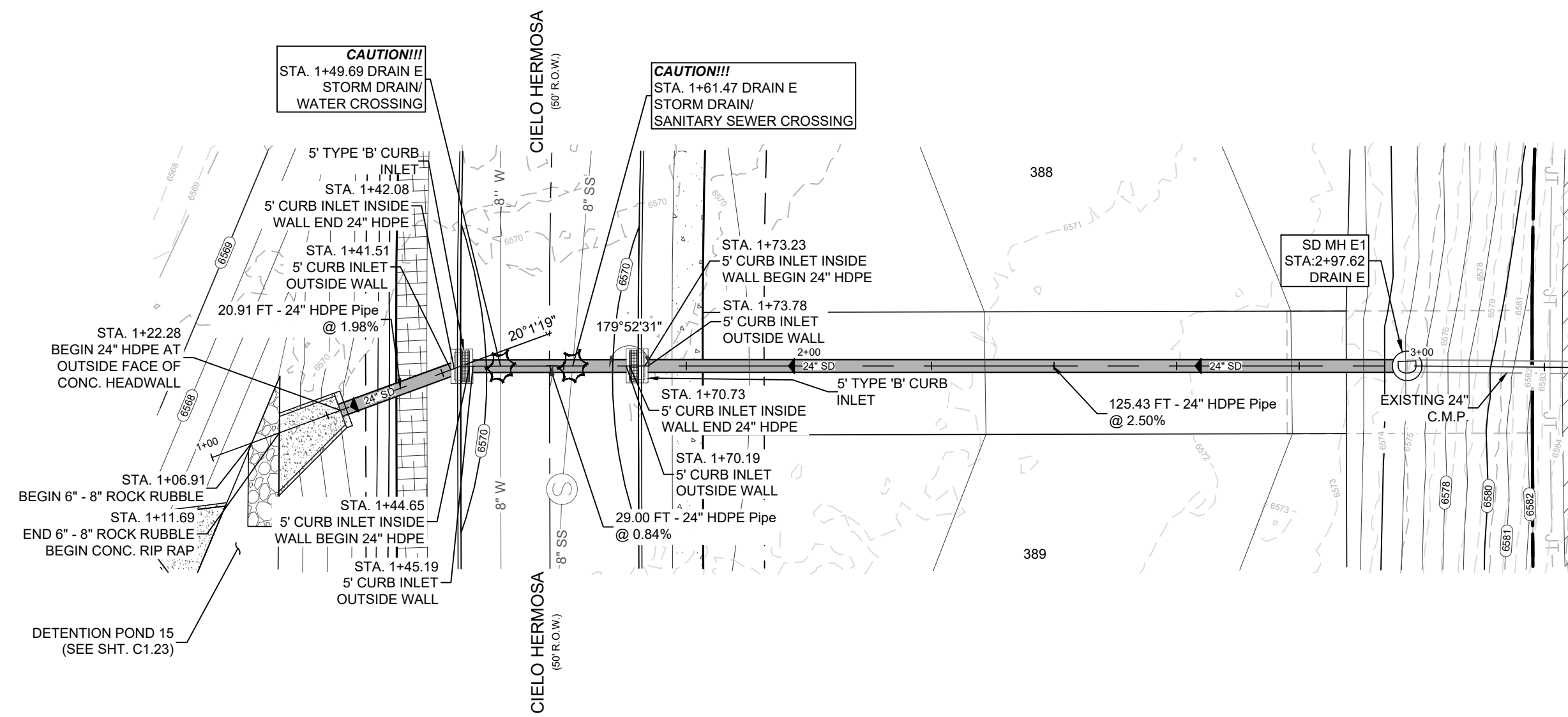
CONTRACTOR AND CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN, GEOTECHNICAL, SAFETY, EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE WITHIN THE PROJECT'S WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEM PROGRAMS AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS...

CAUTION!!!

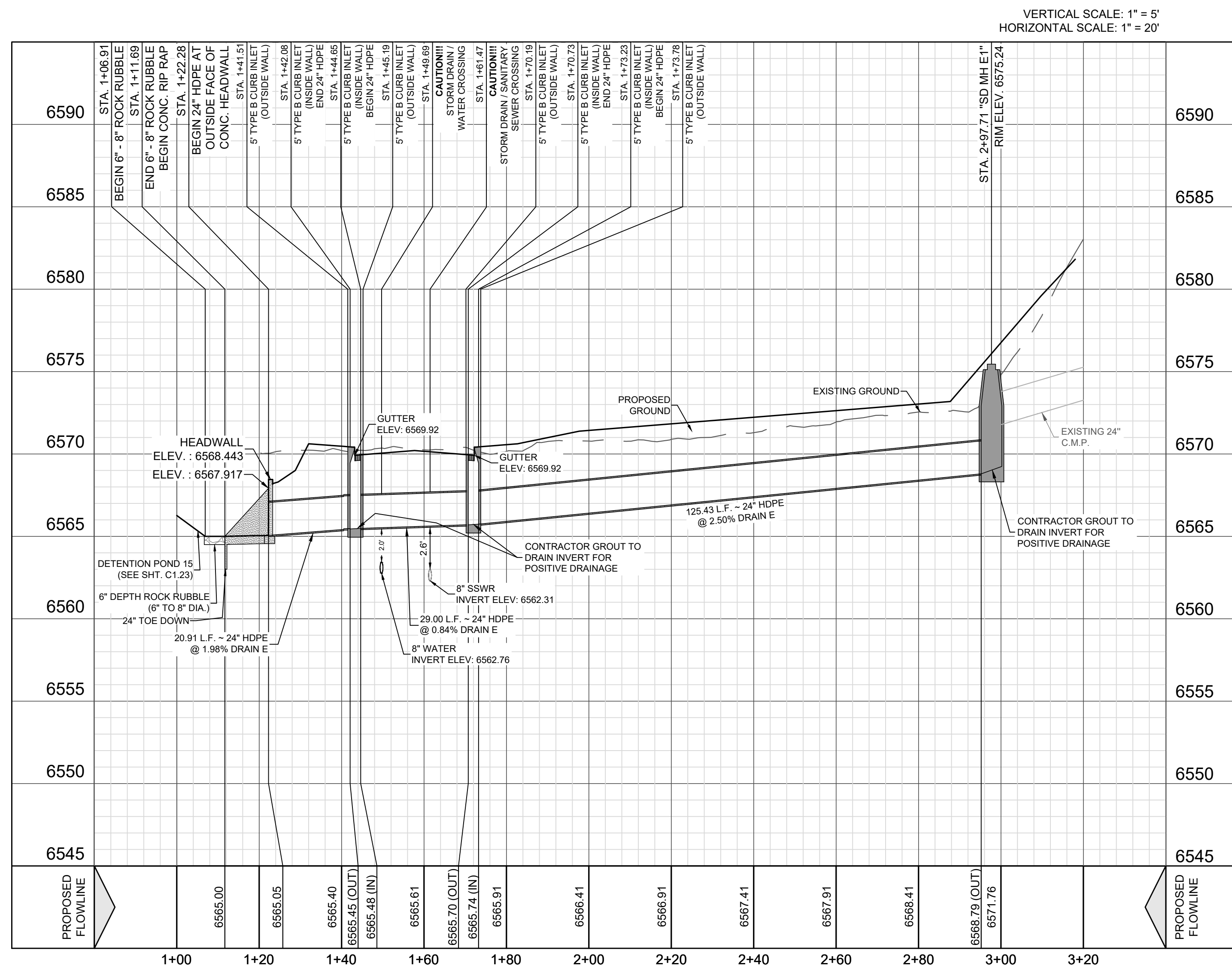
CONTRACTOR SHALL BE REQUIRED TO LOCATE ALL PUBLIC OR PRIVATE UTILITIES INCLUDING BUT NOT LIMITING TO - WATER, SEWER, TELEPHONE AND FIBER OPTIC LINES, SITE LIGHTING ELECTRIC, SECONDARY ELECTRICAL, PRIMARY ELECTRICAL DUCTBANKS, LANDSCAPE IRRIGATION FACILITIES, AND GAS LINES, ANY UTILITY CONFLICTS THAT ARISE SHOULD BE COMMUNICATED TO THE ENGINEER IMMEDIATELY AND PRIOR TO CONSTRUCTION...

DRAINAGE NOTES:

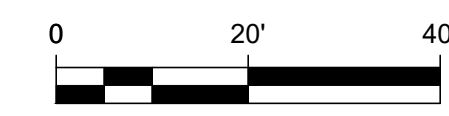
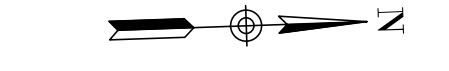
- 1. CONTRACTOR SHALL COORDINATE A TRAFFIC CONTROL PLAN FOR ALL WORK WITHIN THE ROW. ADDITIONAL WORKING SIGNS MAY BE RECOMMENDED BY THE ENGINEER ONCE THE ROADWAYS ARE CONSTRUCTED.
2. THE CONTRACTOR WILL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL UTILITIES AND DRAINAGE STRUCTURES WHETHER SHOWN ON THE PLANS OR NOT. THE CONTRACTOR SHALL UNCOVER EXISTING UTILITIES PRIOR TO CONSTRUCTION TO VERIFY SIZE, GRADE, AND LOCATION.
3. ALL CONCRETE FOR MMDOT DRAINAGE STRUCTURES SHALL MEET MMDOT SPECIFICATIONS. ALL OTHER CONCRETE SHALL BE CLASS "A" 3000 PSI CYLINDER STRENGTH IN 28 DAYS.
4. REFERENCE DRAINAGE DETAILS FOR PIPE TRENCH DETAILS, BOX CULVERT, HEADWALL, WINGWALL CONSTRUCTION DETAILS, AND BOX CULVERT BEDDING AND EXCAVATION LIMITS.
5. CONTRACTOR SHALL GROUT ALL CURB INLETS AND JUNCTION BOXES TO PROVIDE FOR POSITIVE DRAINAGE.
6. CONTRACTOR SHALL MATCH TOP OF CHANNEL TO NATURAL GROUND AND MAINTAIN A MINIMUM CHANNEL DEPTH AS SHOWN IN THE PROFILE.



DRAIN E STA. 1+00.00 - END



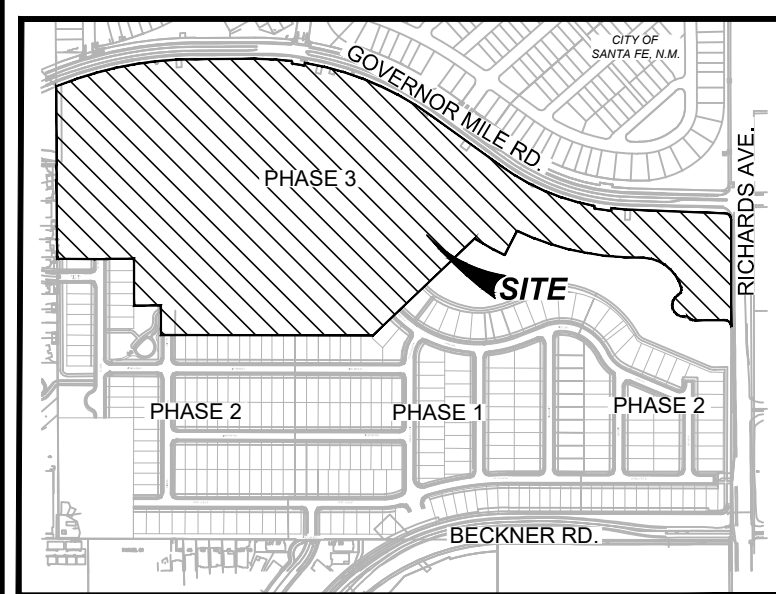
LEGEND (DRAIN) table with symbols for existing/proposed contours, project limits, water/sewer lines, manholes, hydrants, wyes, services, street lights, driveways, and easements.



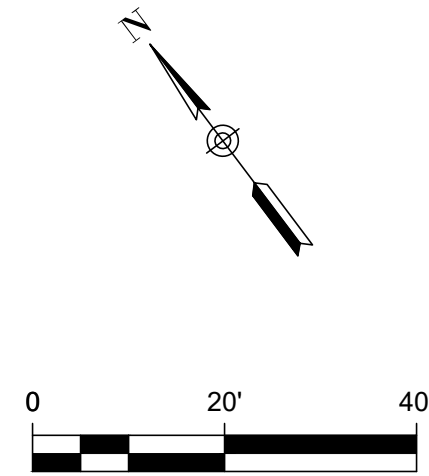
Revision table with columns for REV, DATE, and DESCRIPTION. Includes a professional engineer seal for Vance L. Wehman, No. 29907.

DHI Engineering, LLC. 4419 LOOP 1604 EAST SANTA FE, NM 87507. Includes DHI logo and contact information.

VISTAS DE LA SIERRA SUBDIVISION - PHASE 3 SANTA FE, NM. DRAIN E - STA. 1+00.00 TO END. Includes designer/drawer info (JWS), date (5/14/2025), job no. (05004), sheet no. (C1.14), and design by (JWS).



LOCATION MAP NOT-TO-SCALE

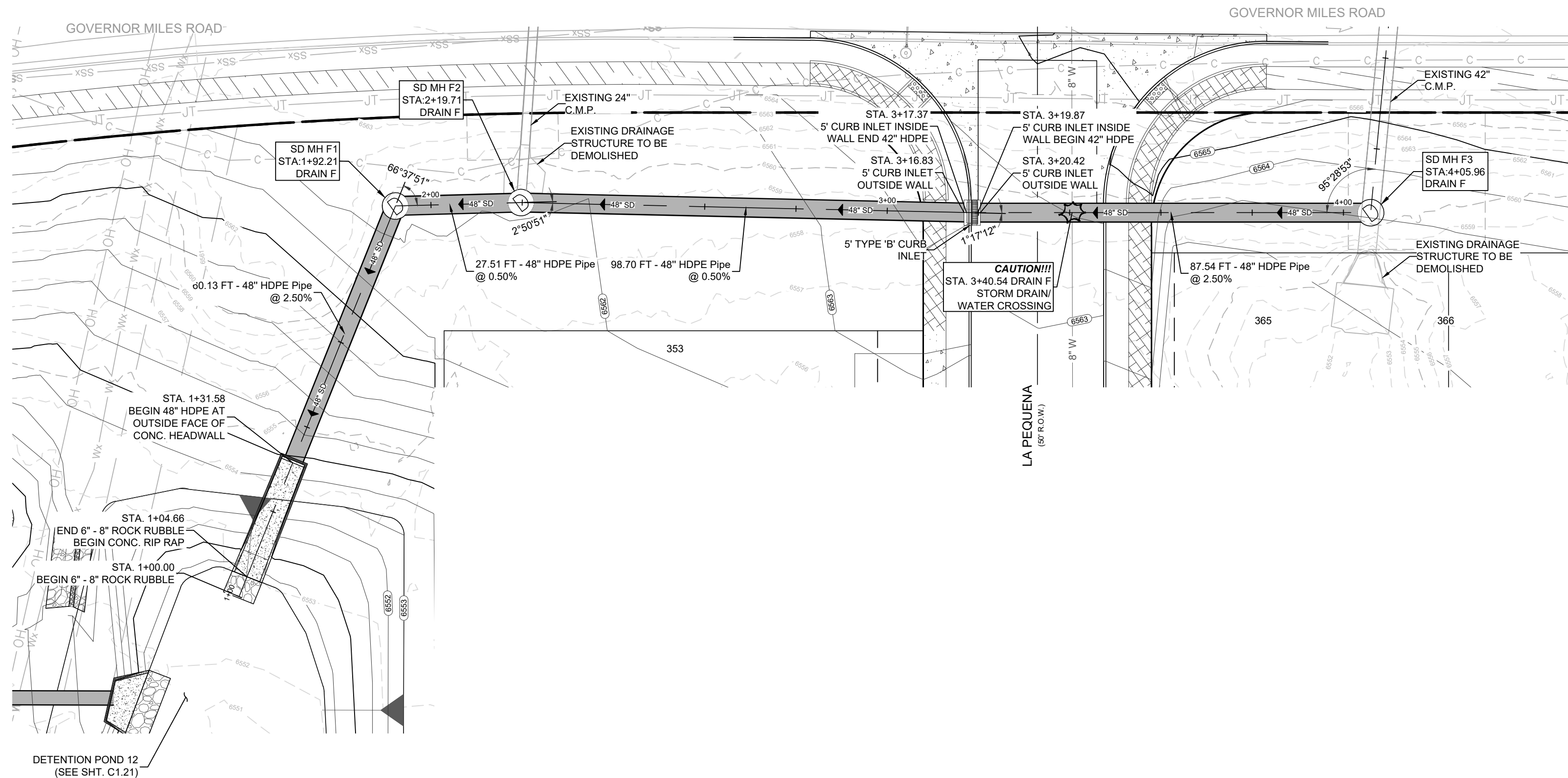


TRENCH EXCAVATION PROTECTION
CONTRACTOR AND CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN, GEOTECHNICAL, SAFETY, EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE WITHIN THE PROJECT'S WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEM PROGRAMS AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS...

CAUTION!!!
CONTRACTOR SHALL BE REQUIRED TO LOCATE ALL PUBLIC OR PRIVATE UTILITIES INCLUDING BUT NOT LIMITING TO - WATER, SEWER, TELEPHONE AND FIBER OPTIC LINES, SITE LIGHTING ELECTRIC, SECONDARY ELECTRICAL, PRIMARY ELECTRICAL DUCTBANKS, LANDSCAPE IRRIGATION FACILITIES, AND GAS LINES. ANY UTILITY CONFLICTS THAT ARISE SHOULD BE COMMUNICATED TO THE ENGINEER IMMEDIATELY AND PRIOR TO CONSTRUCTION...

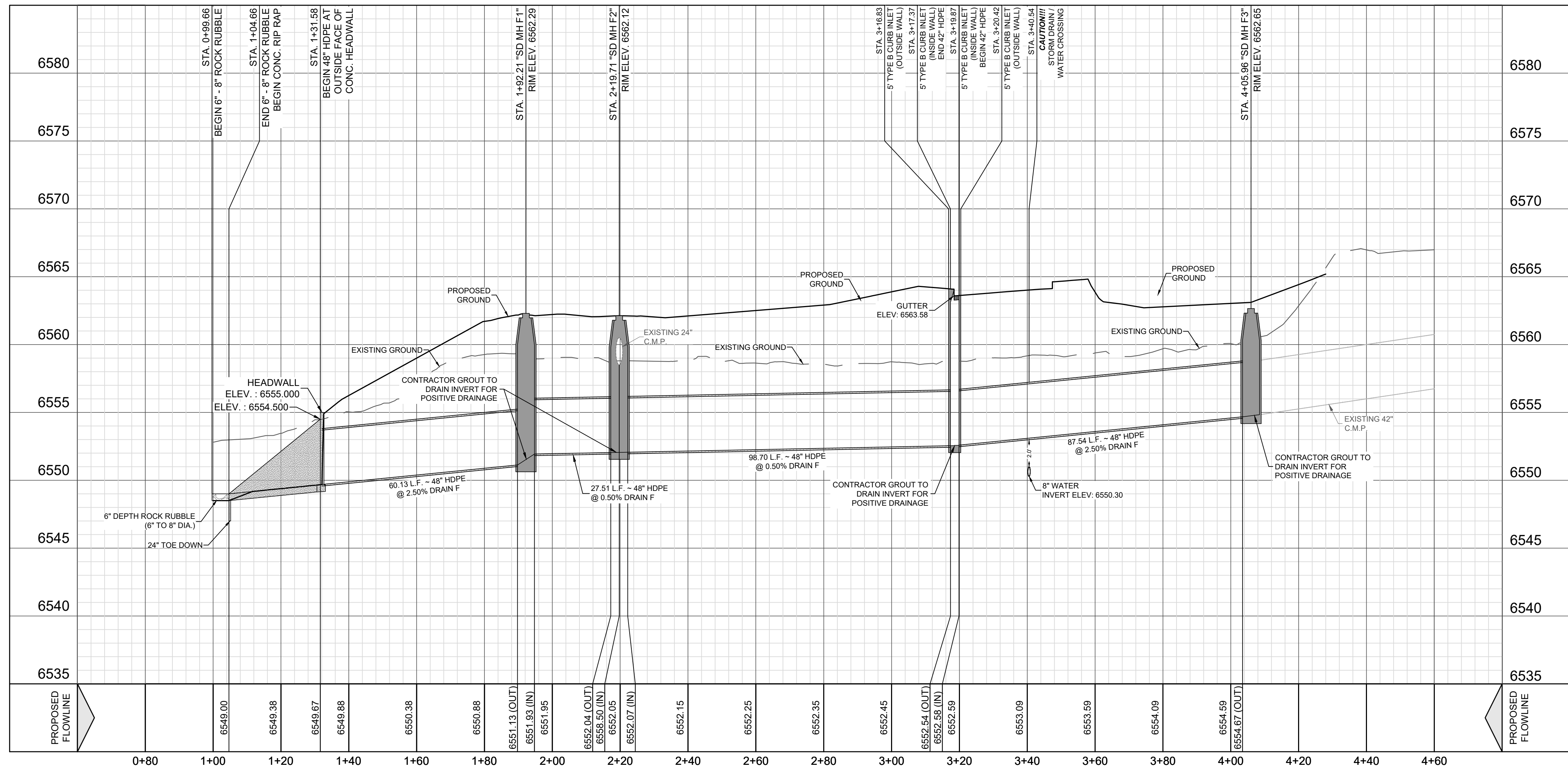
DRAINAGE NOTES:

- 1. CONTRACTOR SHALL COORDINATE A TRAFFIC CONTROL PLAN FOR ALL WORK WITHIN THE ROW. ADDITIONAL WORKING SIGNS MAY BE RECOMMENDED BY THE ENGINEER ONCE THE ROADWAYS ARE CONSTRUCTED.
2. THE CONTRACTOR WILL BE RESPONSIBLE FOR DETERMINING EXACT LOCATION OF ALL UTILITIES AND DRAINAGE STRUCTURES WHETHER SHOWN ON THE PLANS OR NOT. THE CONTRACTOR SHALL UNCOVER EXISTING UTILITIES PRIOR TO CONSTRUCTION TO VERIFY SIZE, GRADE, AND LOCATION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY DEVIATIONS FROM PLANS PRIOR TO BEGINNING CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AT HIS EXPENSE.
3. ALL CONCRETE FOR MMDT DRAINAGE STRUCTURES SHALL MEET MMDT SPECIFICATIONS. ALL OTHER CONCRETE SHALL BE CLASS "A" 3000 PSI CYLINDER STRENGTH IN 28 DAYS.
4. REFERENCE DRAINAGE DETAILS FOR PIPE TRENCH DETAILS, BOX CULVERT, HEADWALL, WINGWALL CONSTRUCTION DETAILS, AND BOX CULVERT BEDDING AND EXCAVATION LIMITS.
5. CONTRACTOR SHALL GROUT ALL CURB INLETS AND JUNCTION BOXES TO PROVIDE FOR POSITIVE DRAINAGE.
6. CONTRACTOR SHALL MATCH TOP OF CHANNEL TO NATURAL GROUND AND MAINTAIN A MINIMUM CHANNEL DEPTH AS SHOWN IN THE PROFILE.



DRAIN F STA. 1+00.00 - END

VERTICAL SCALE: 1" = 5' HORIZONTAL SCALE: 1" = 20'

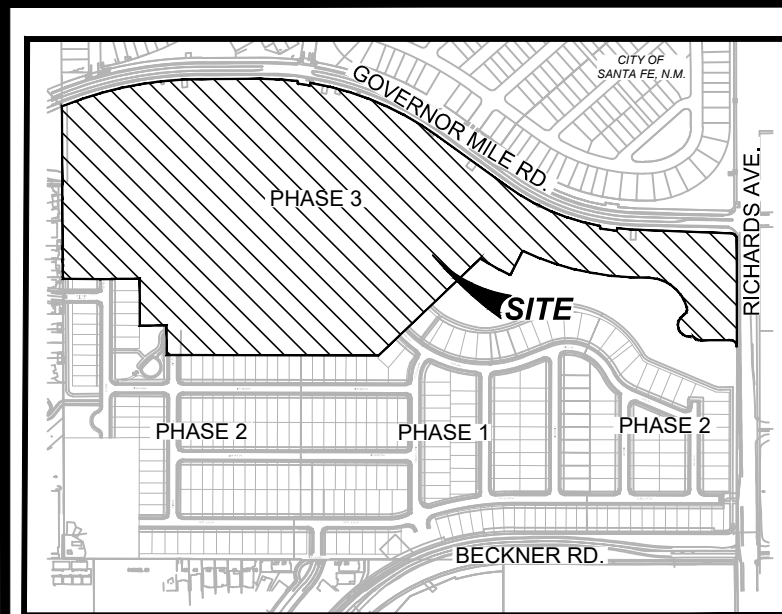


LEGEND (DRAIN) table with symbols for existing/propose contours, project limits, water/sewer lines, manholes, hydrants, wye/lateral, street lights, driveway, and utility easements.

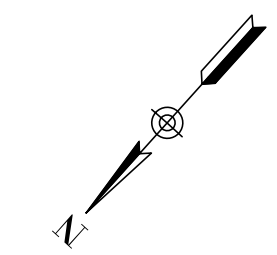
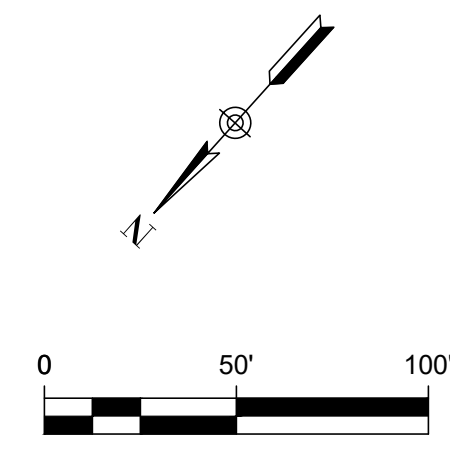
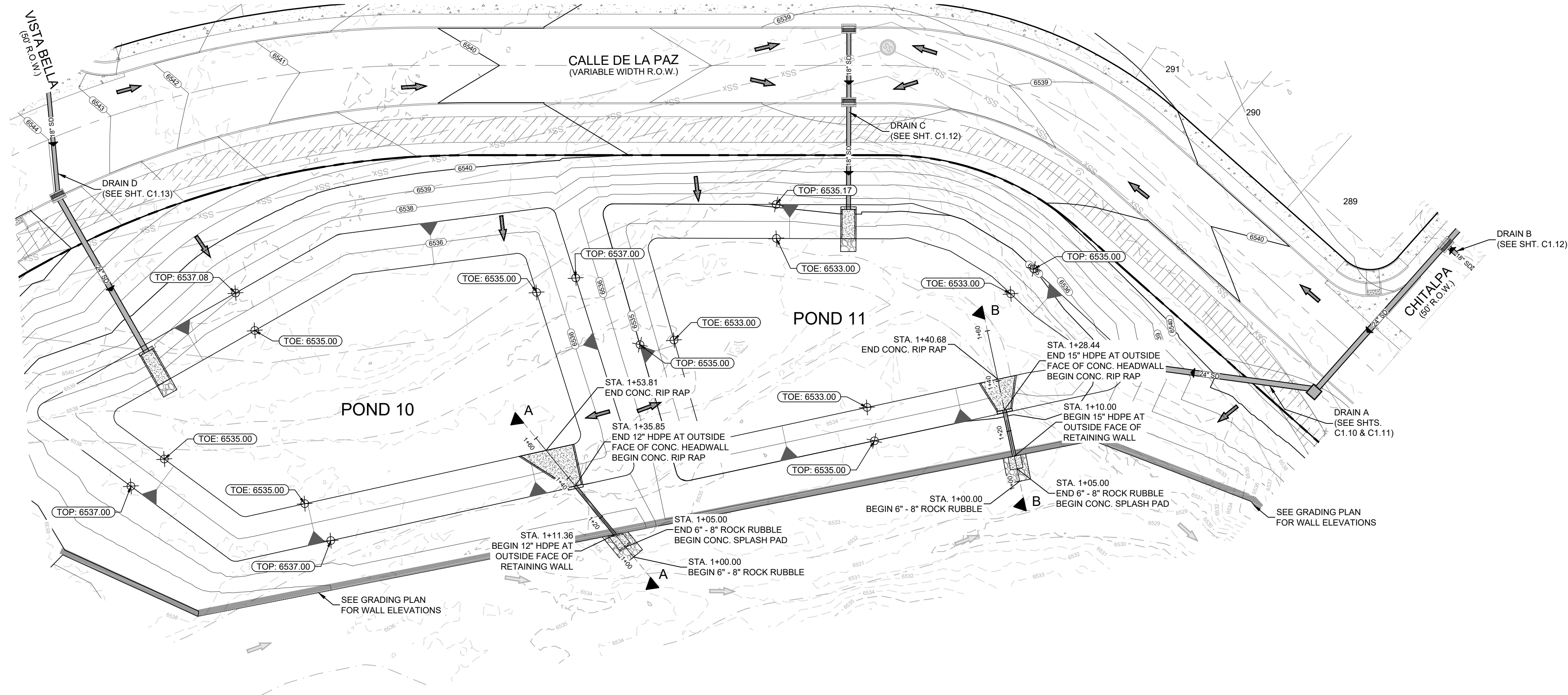
Revision table with columns for REV, DATE, DESCRIPTION, and a signature block for Vance L. Wehner, Professional Engineer.

DHI Engineering, LLC. 4419 ANTELOPE LOOP, SUITE 100, SANTA FE, NM 87507. Includes DHI logo and contact information.

VISTAS DE LA SIERRA SUBDIVISION - PHASE 3 SANTA FE, NM. DRAIN F - STA. 1+00.00 TO END. Includes project title, designer (JWS), date (5/14/2025), job no. (05004), sheet no. (C1.15), and a disclaimer.

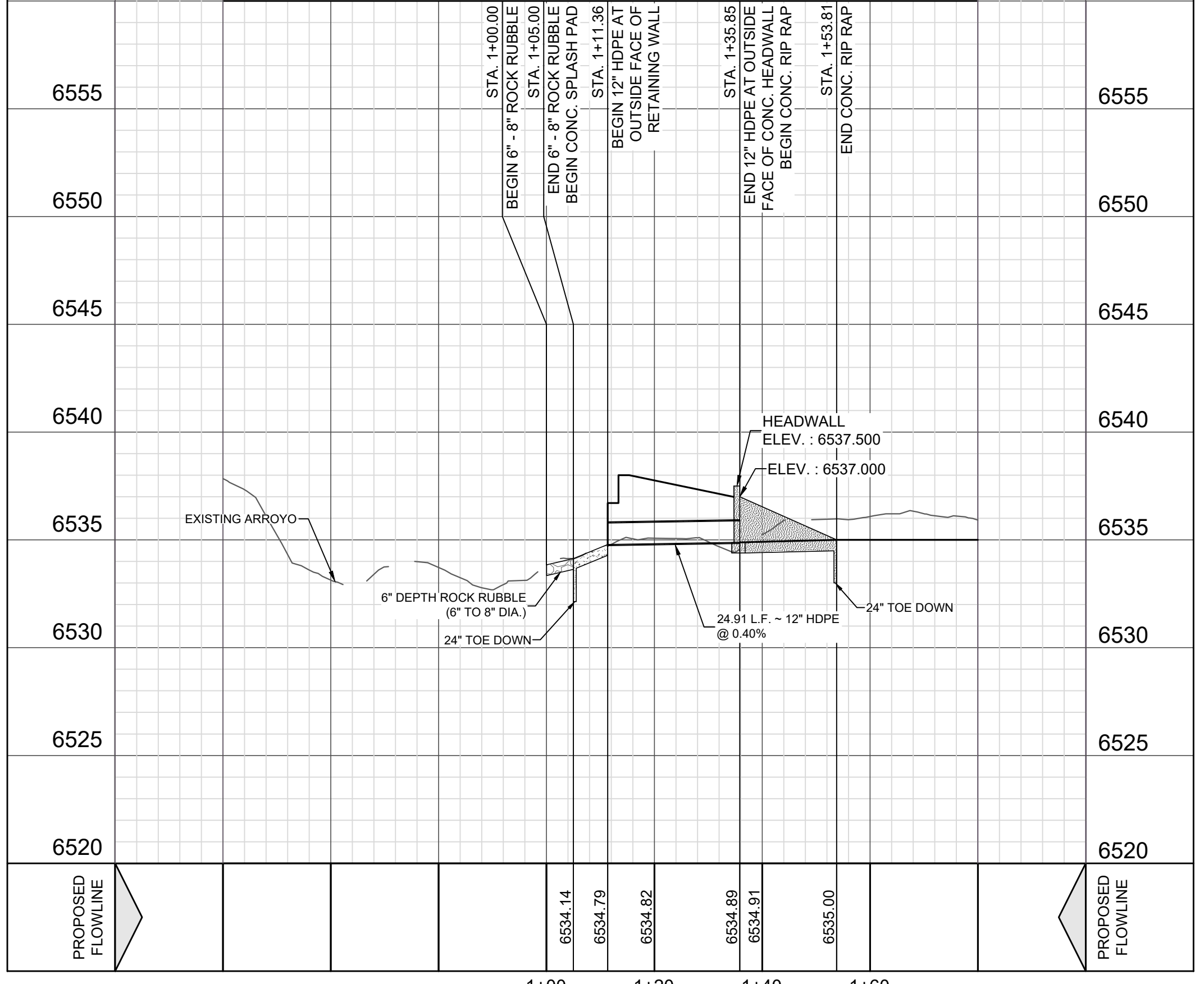


LOCATION MAP
NOT-TO-SCALE



POND 10 OUTFALL 01

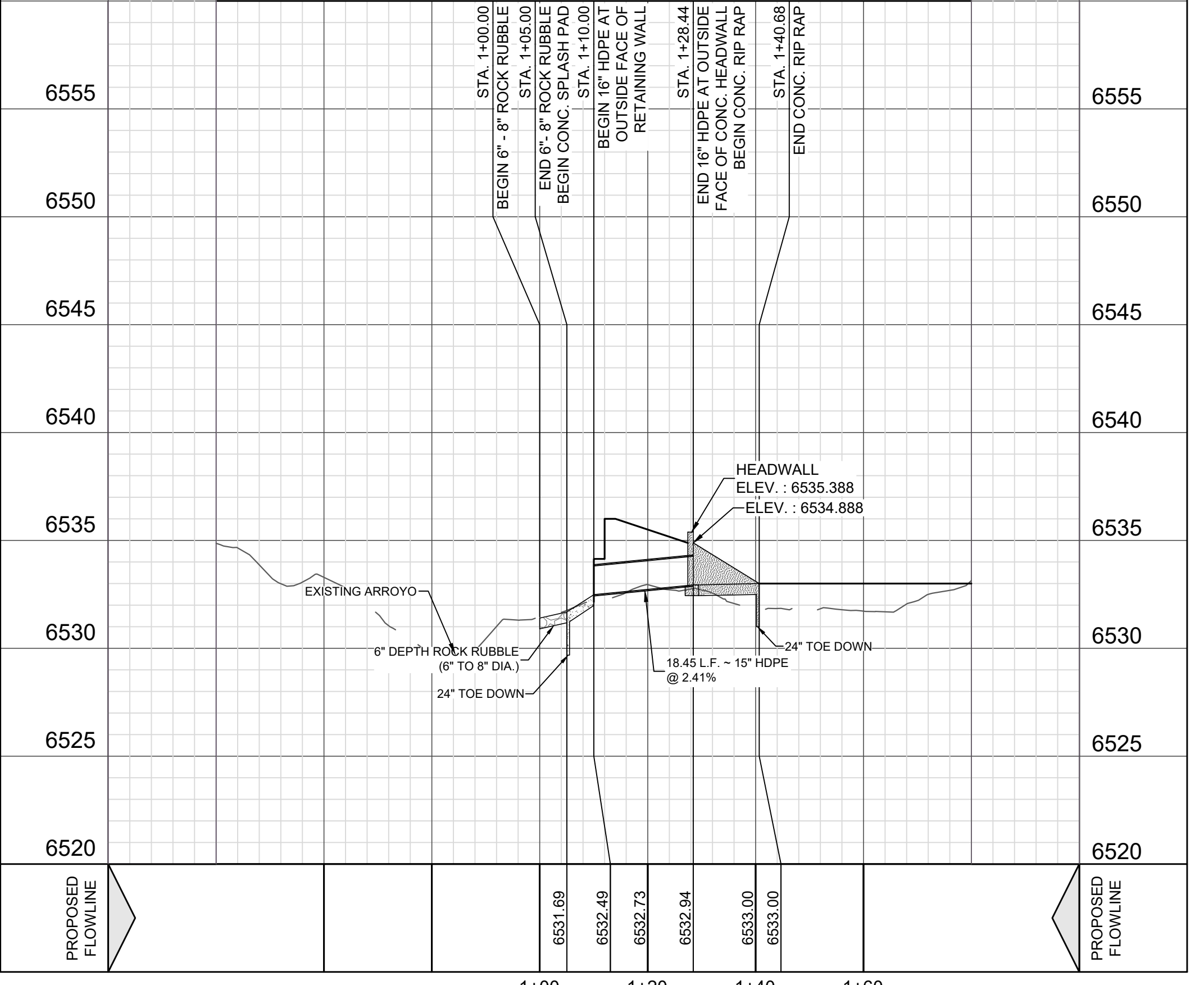
VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 20'



SECTION "A-A"

POND 11 OUTFALL 01

VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 20'



SECTION "B-B"

THIS DOCUMENT HAS BEEN PRODUCED FROM MATERIAL THAT WAS STORED AND/OR TRANSMITTED ELECTRONICALLY AND MAY HAVE BEEN INCOMPLETELY ALTERED. RELY ONLY ON ORIGINAL HARD COPY MATERIALS BEARING THE CONSULTANT'S ORIGINAL SIGNATURE AND SEAL.

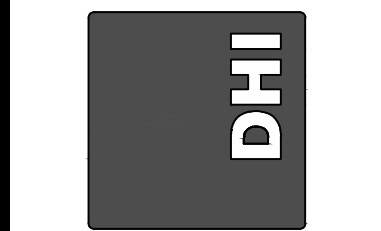
VISTAS DE LA SIERRA SUBDIVISION - PHASE 3
SANTA FE, NM
POND '10' & POND '11'

DESIGNED BY: JWS
DRAWN BY: JWS
DATE: 5/14/2025
JOB NO.: 05004
SHEET NO.

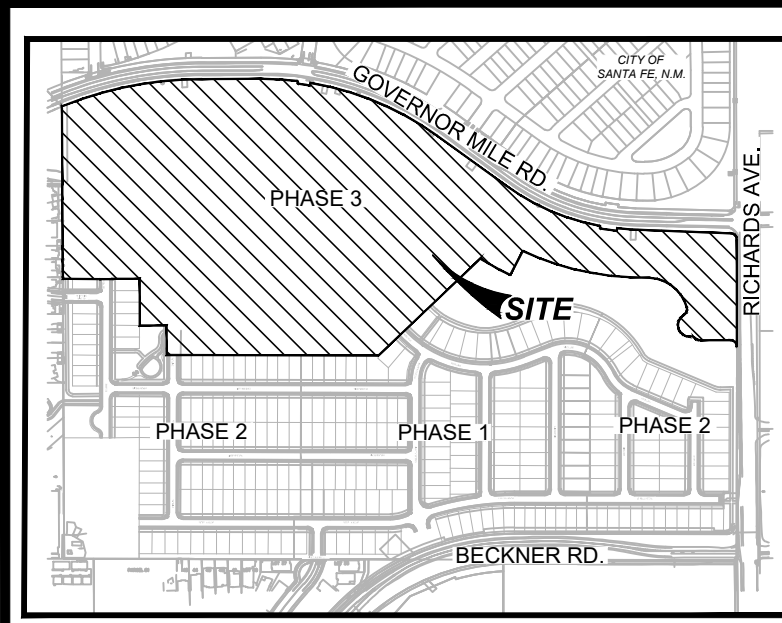
C1.20

5/14/2025
VANCE L WEYNAID
NEW MEXICO
29907
PROFESSIONAL ENGINEER
Vance Weynand

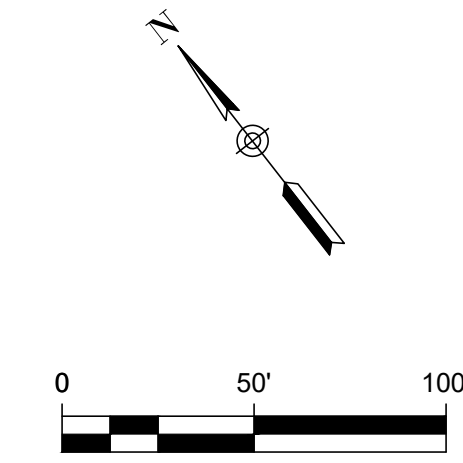
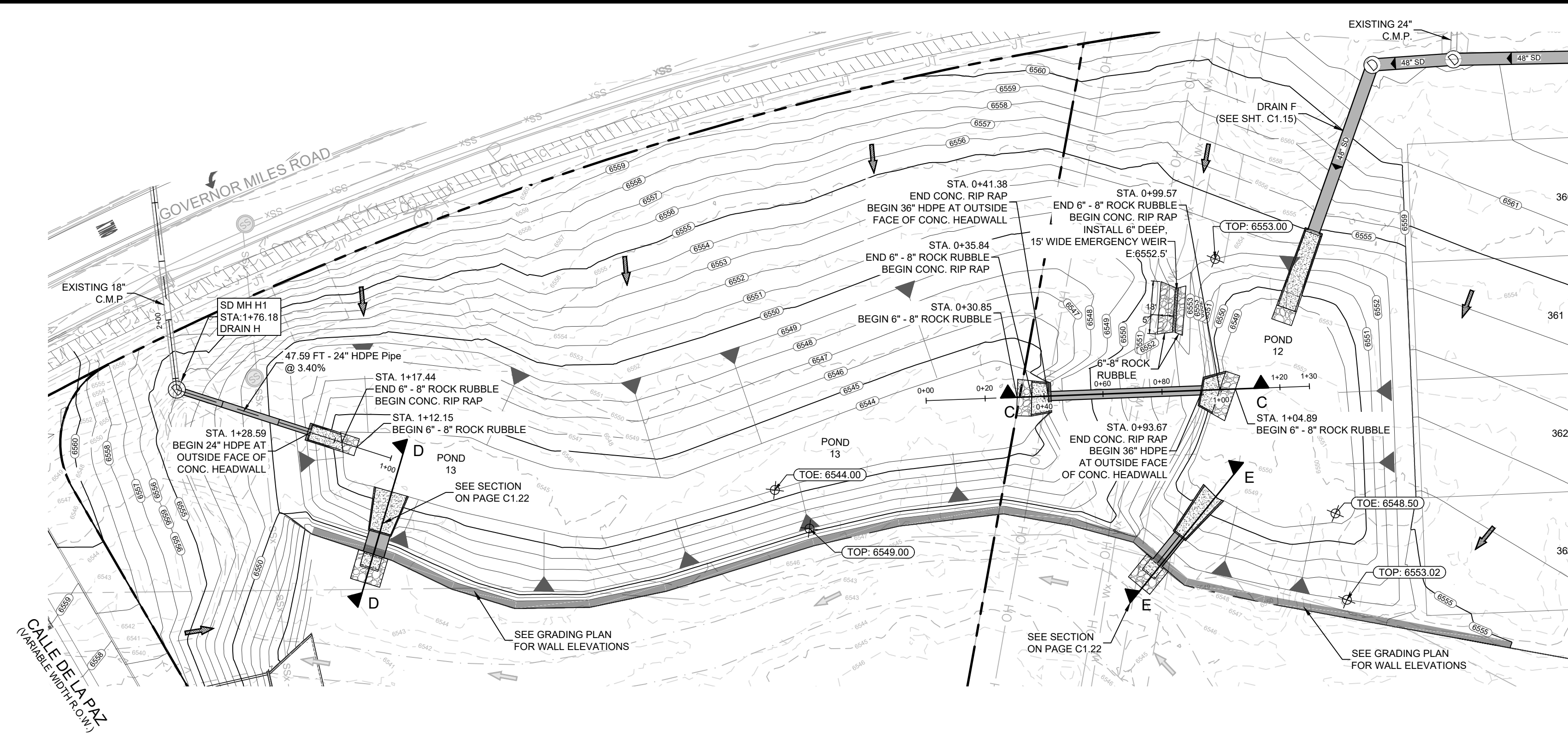
DHI Engineering, LLC.
419 ANTONIO LOOP EAST
SANTA FE, NM 87507
(505) 426-2988 | dhiengineering.com
TBPE REG. NO. F-19561



REV	DATE	DESCRIPTION

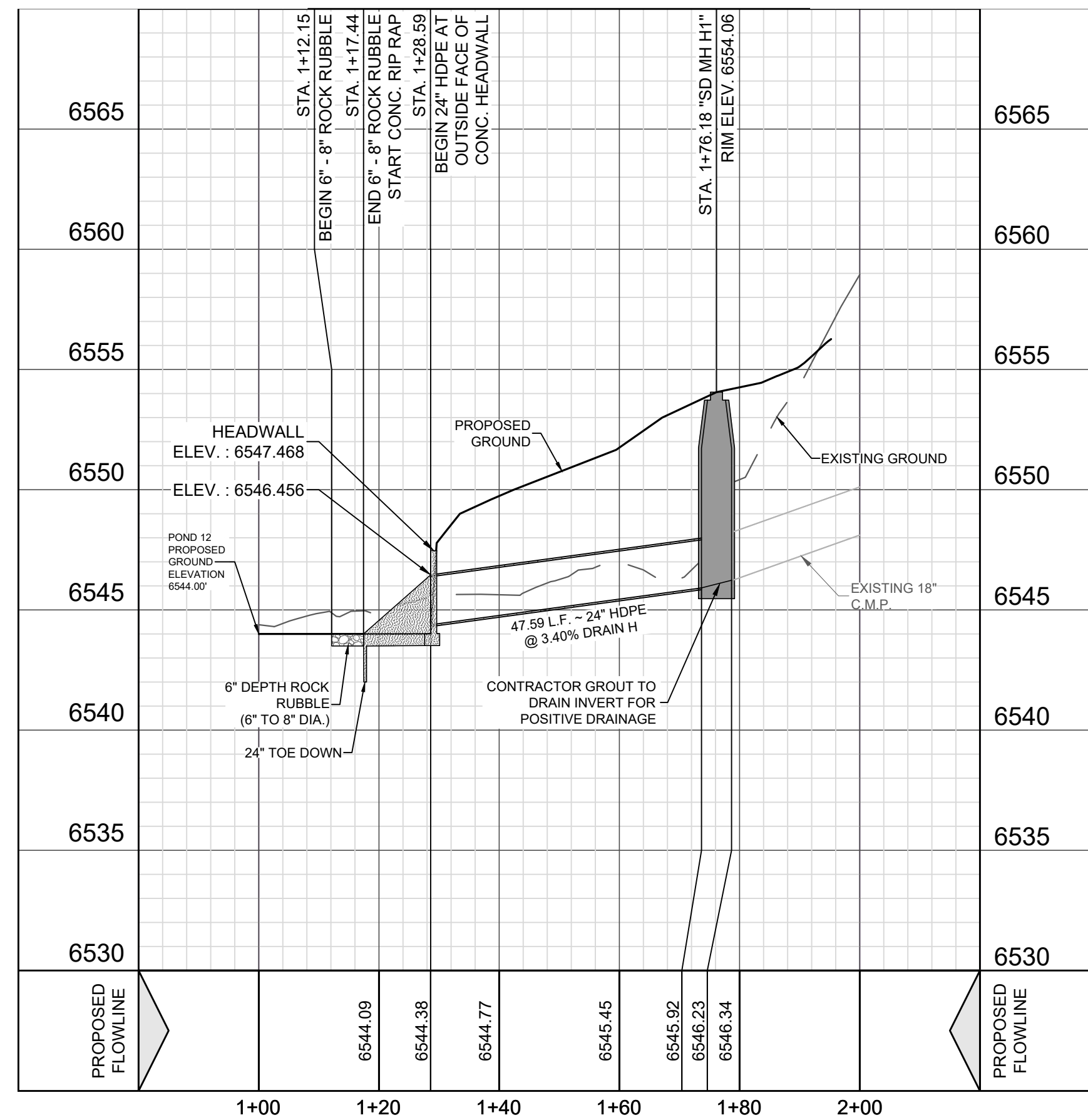


LOCATION MAP
NOT-TO-SCALE



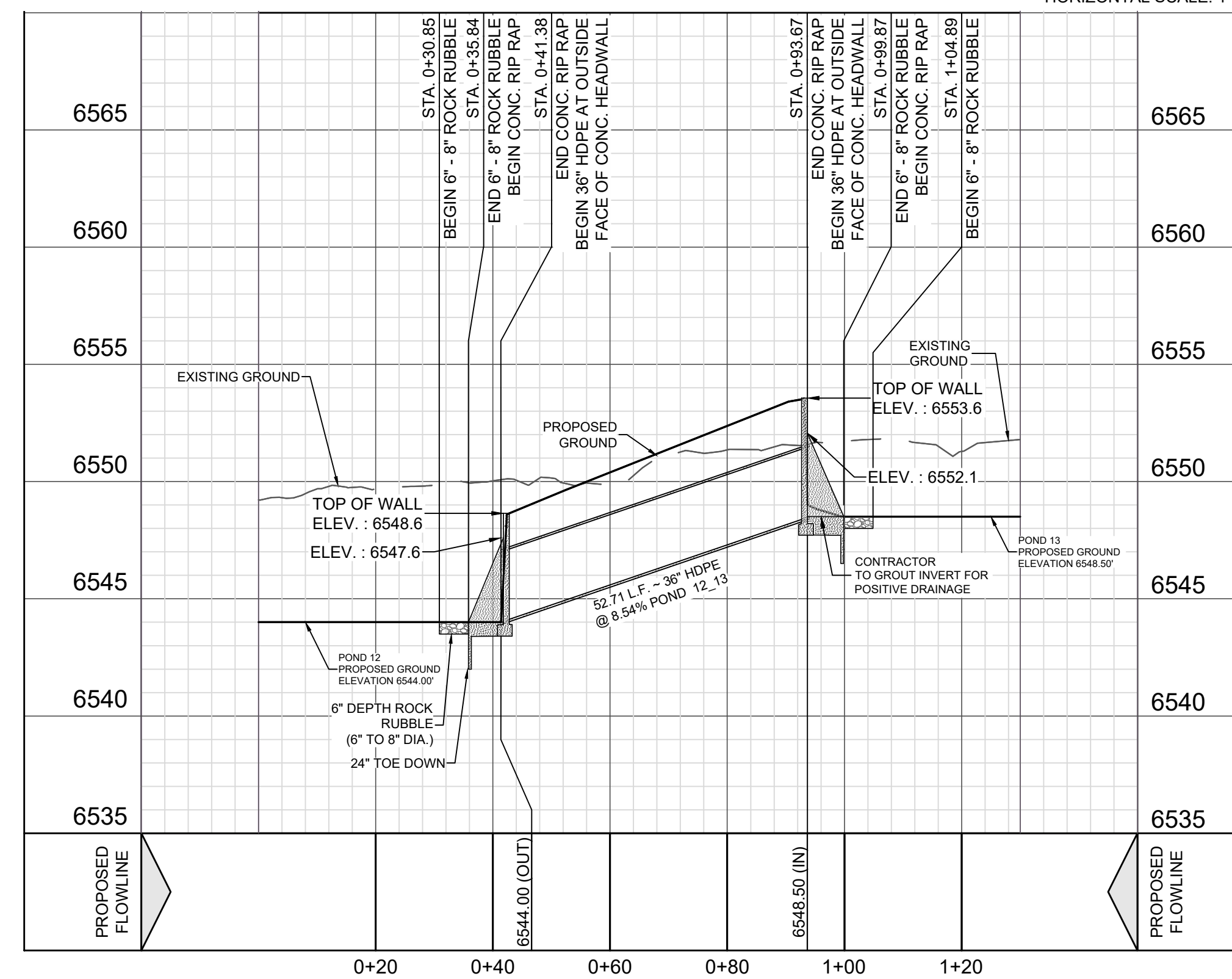
DRAIN H
STA. 1+00.00 - 4+60.00

VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 20'



POND 12 TO 13

VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 20'



SECTION "C-C"

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VISTAS DE LA SIERRA SUBDIVISION - PHASE 3
SANTA FE, NM

POND '12' & POND '13'

DESIGNED BY: AS
DRAWN BY: AS
DATE: 5/14/2025
JOB NO.: 05004
SHEET NO.

C1.21

DHI Engineering, LLC.
419 S. LOOP 1604 EAST
SUITE 100
DALLAS, TEXAS 75247
(214) 462-2988 | dhiengineering.com
TBP REG. NO. F-119561

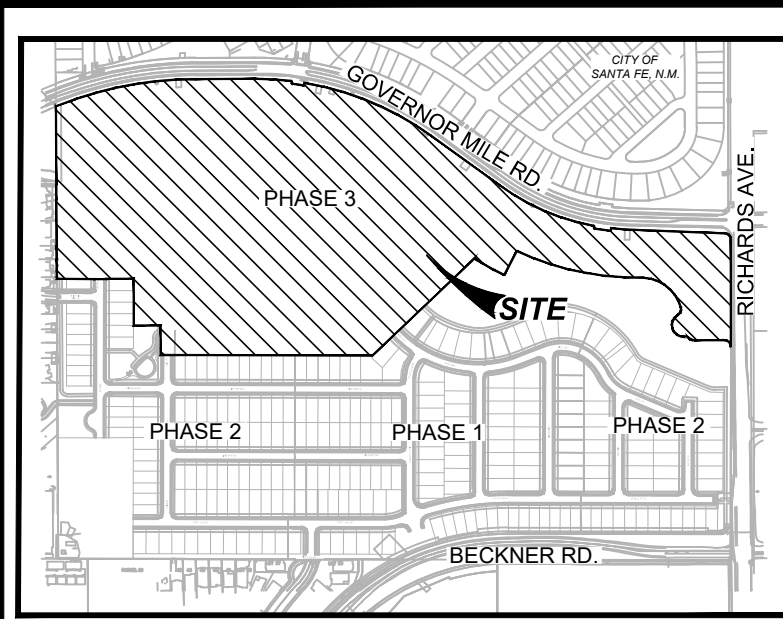


5/14/2025
VANCE L WEINAND
NEW MEXICO
29907
PROFESSIONAL ENGINEER
Vance Weynand

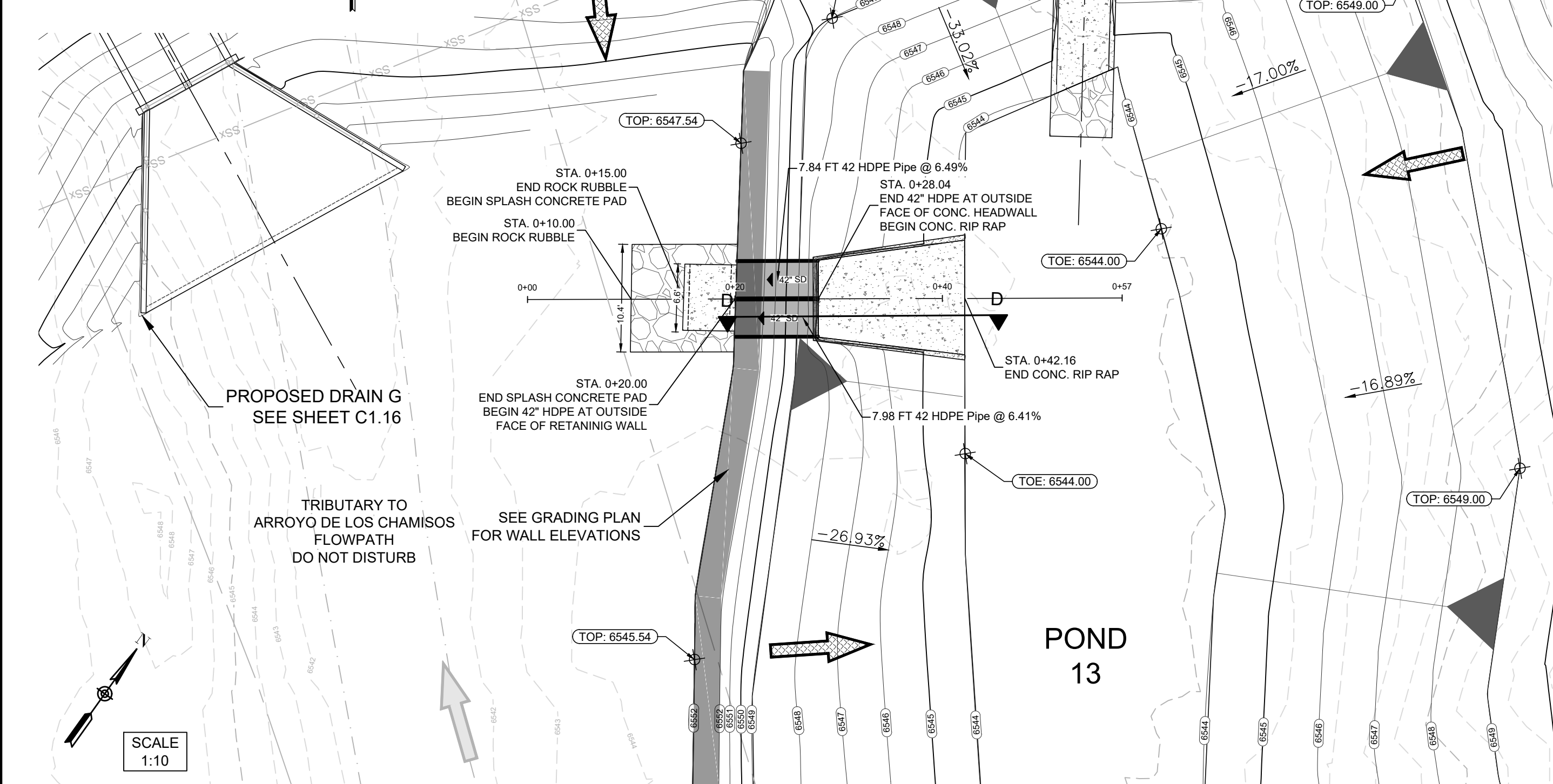
DESCRIPTION

DATE

REV

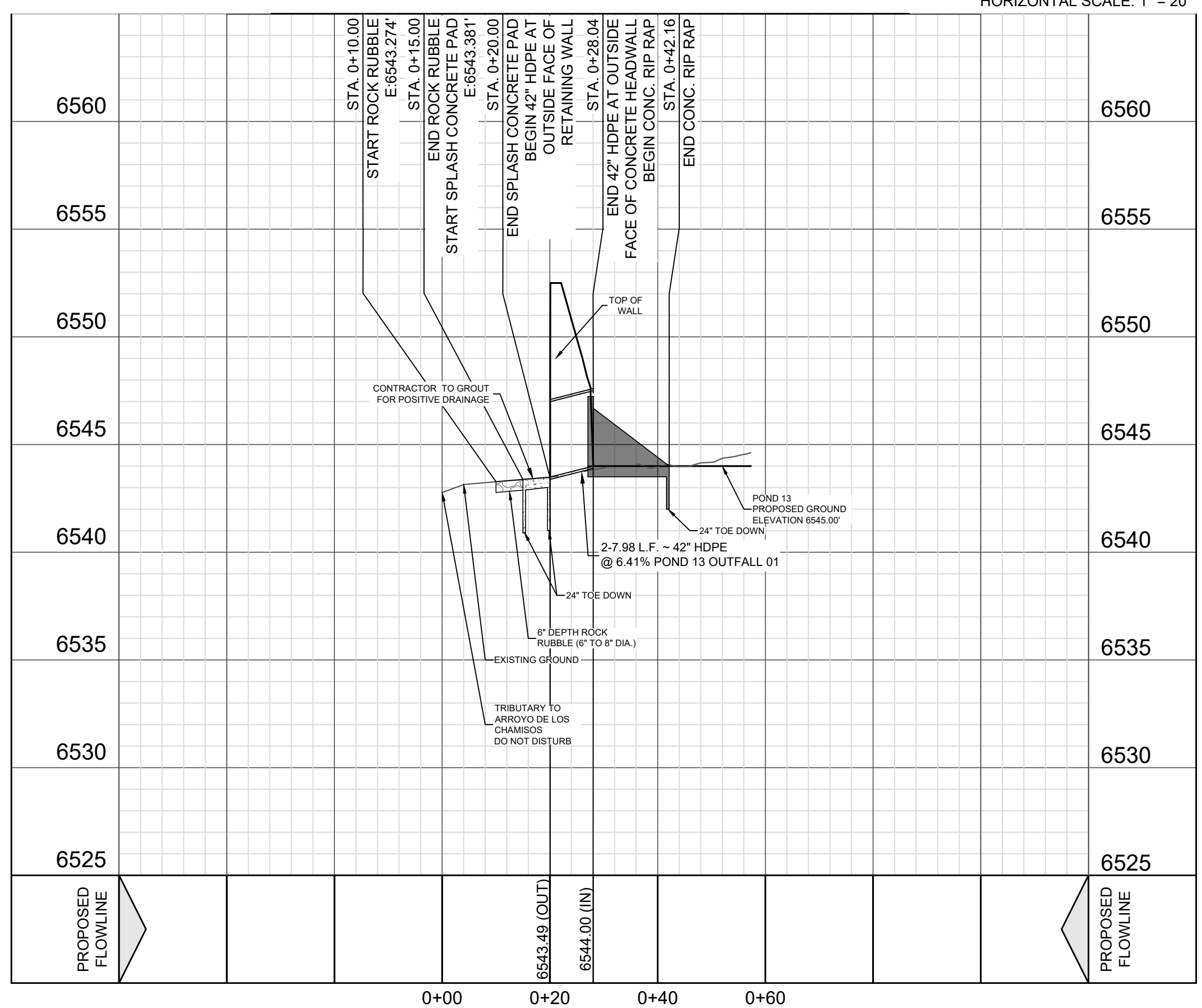


LOCATION MAP NOT-TO-SCALE

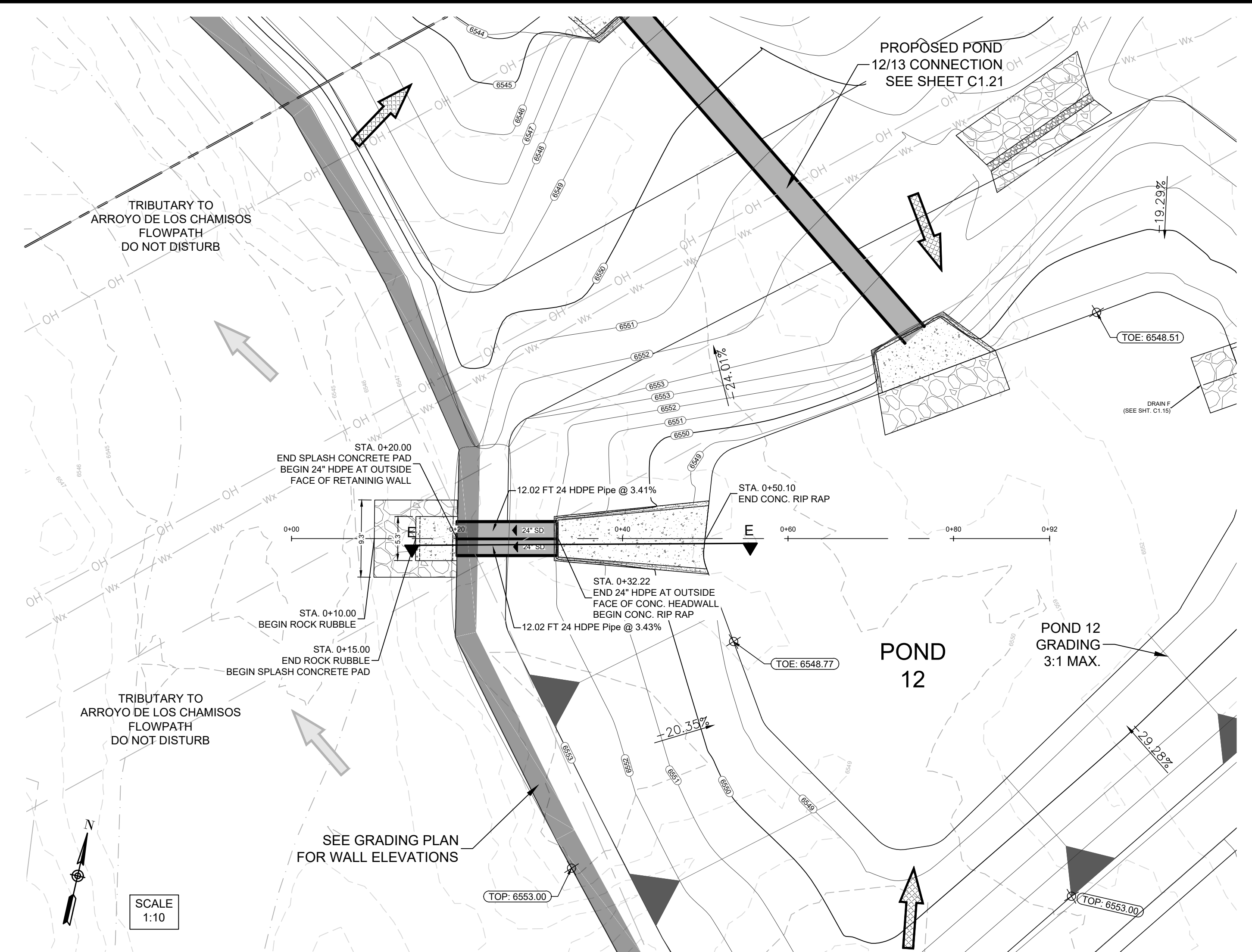


POND 13 OUTFALL 01
STA. 1+00.00 - 4+60.00

VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 20'

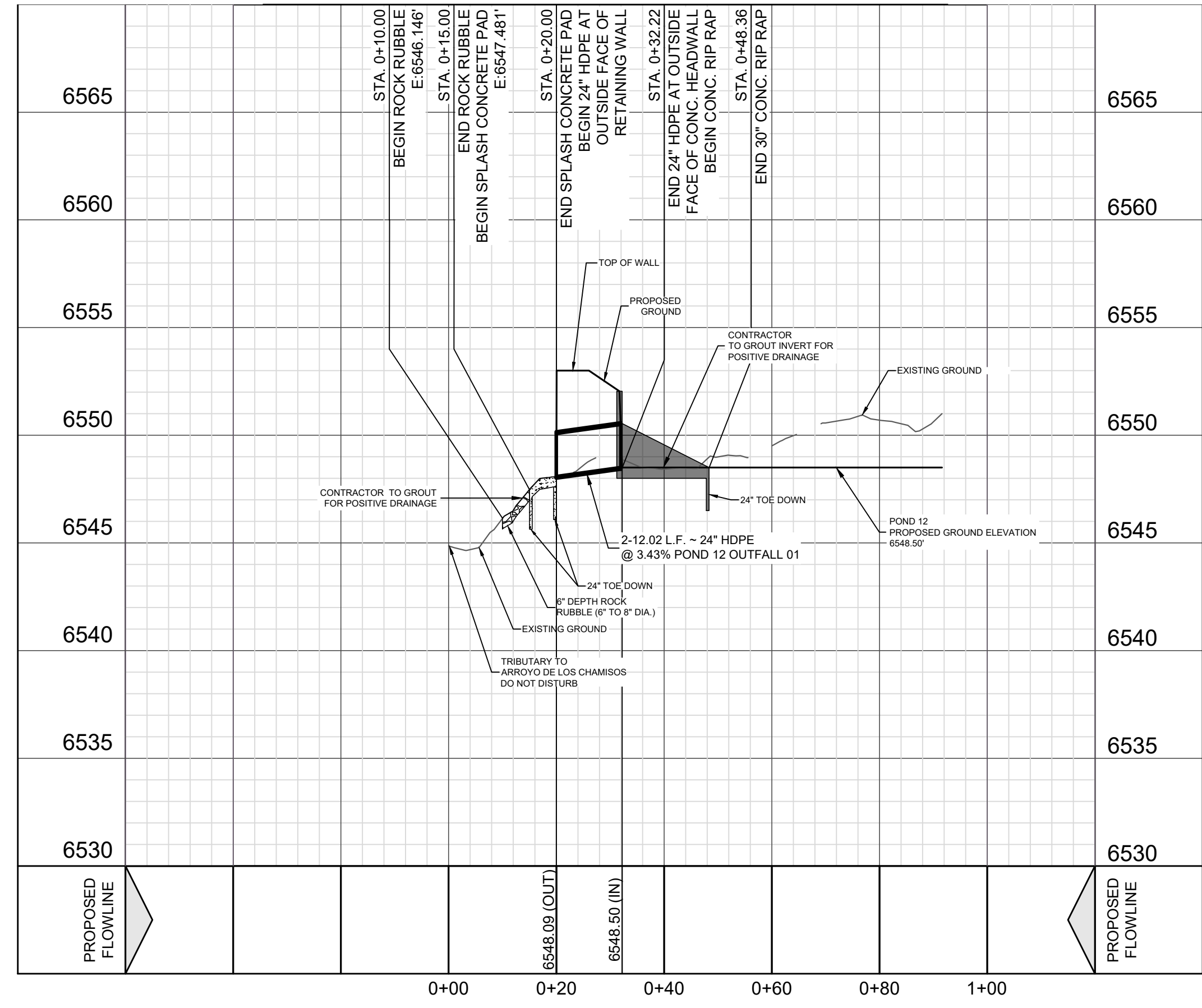


SECTION "D-D"



POND 12 OUTFALL 01
STA. 1+00.00 - 4+60.00

VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 20'



SECTION "E-E"

VISTA DE LA SIERRA SUBDIVISION - PHASE 3
SANTA FE, NM
POND 12 & 13' SECTIONS

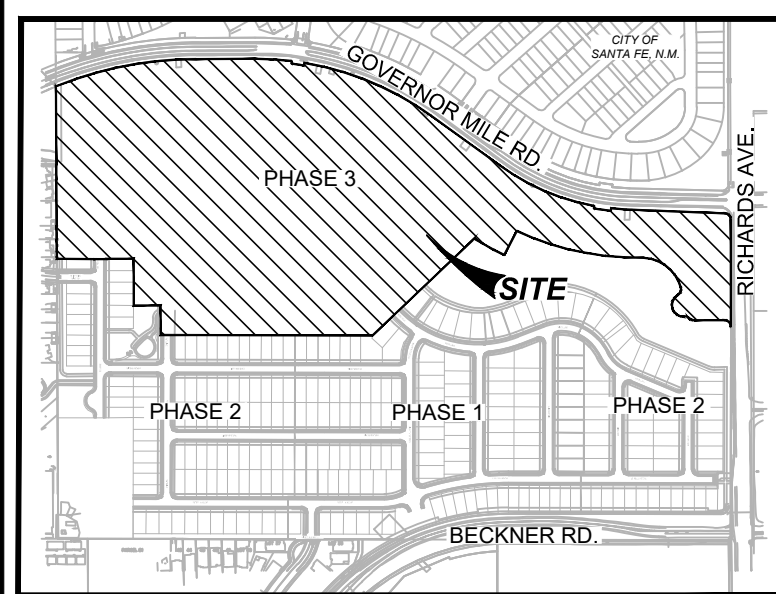
DESIGNED BY: AS
DRAWN BY: AS
DATE: 5/14/2025
JOB NO.: 05004
SHEET NO. C1.22

5/14/2025
VANCE L WEINAND
NEW MEXICO
29907
PROFESSIONAL ENGINEER
Vance Weingard

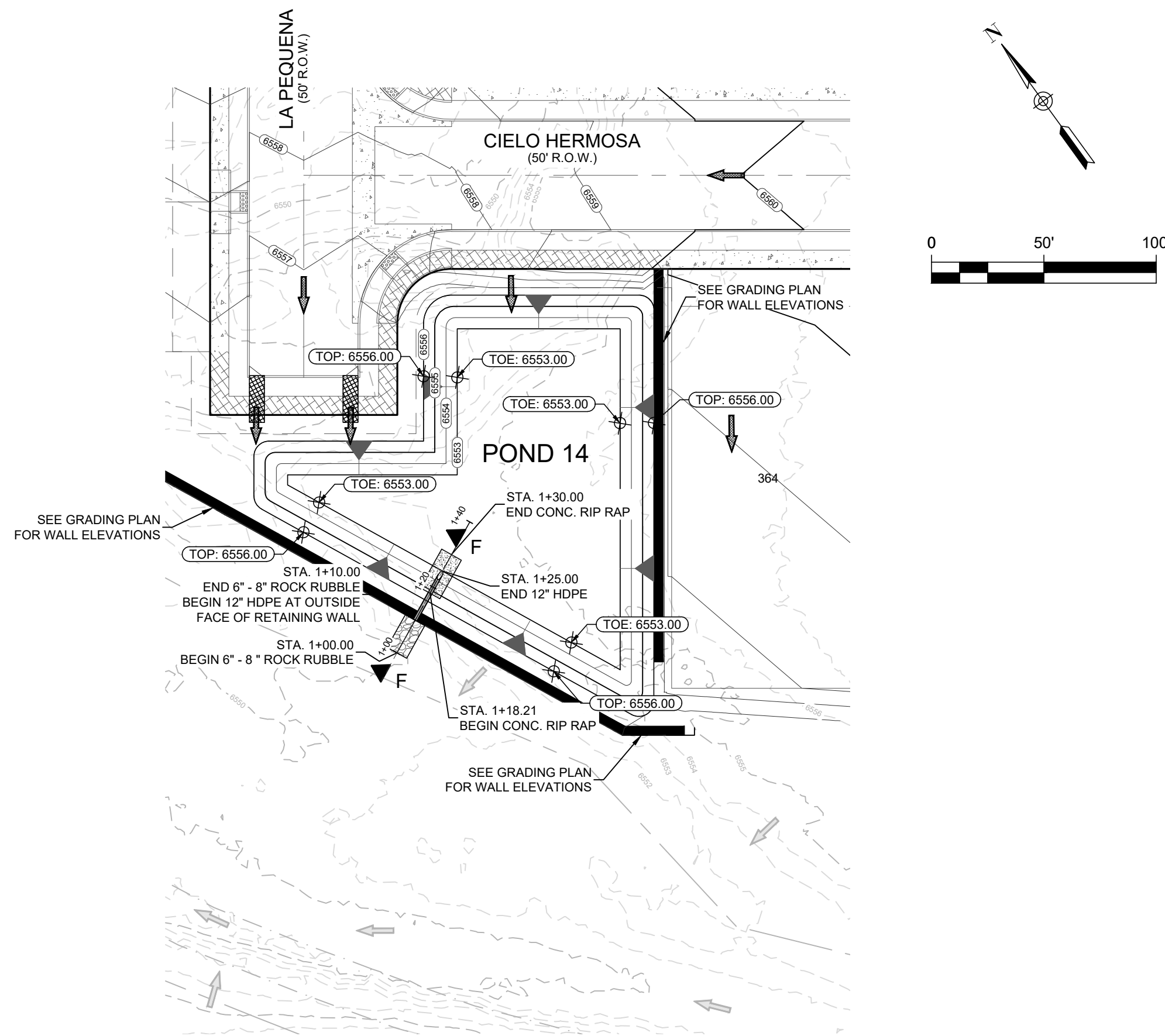
DHI Engineering, LLC.
4119 ANTONIO LOOP EAST
SANTA FE, NM 87507
(505) 426-2988 | dhiengineering.com
TBPPE REG. NO. F-19561

DHI

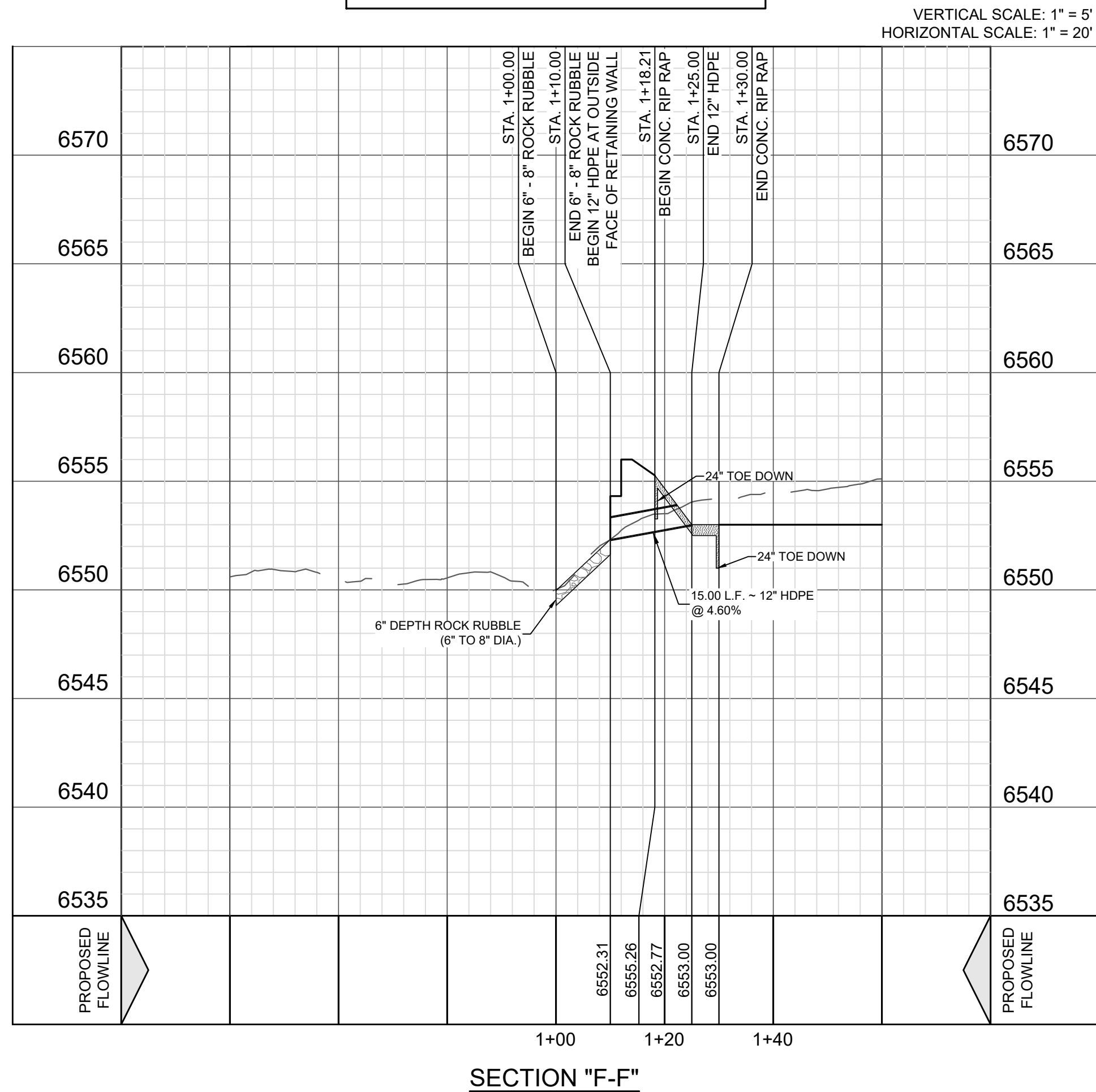
VISTA DE LA SIERRA SUBDIVISION CASE PERMIT # S-2020-2642



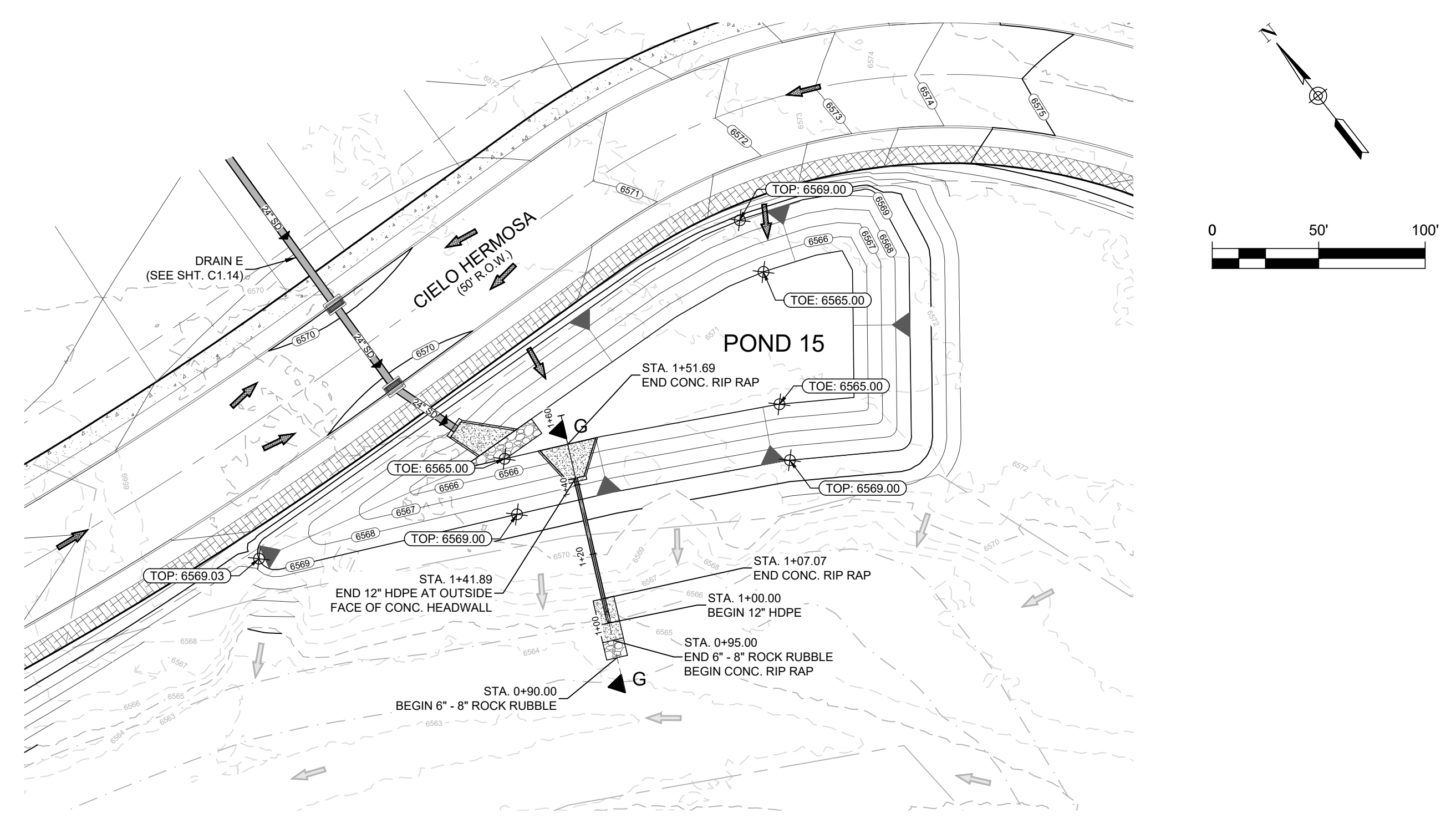
LOCATION MAP
NOT-TO-SCALE



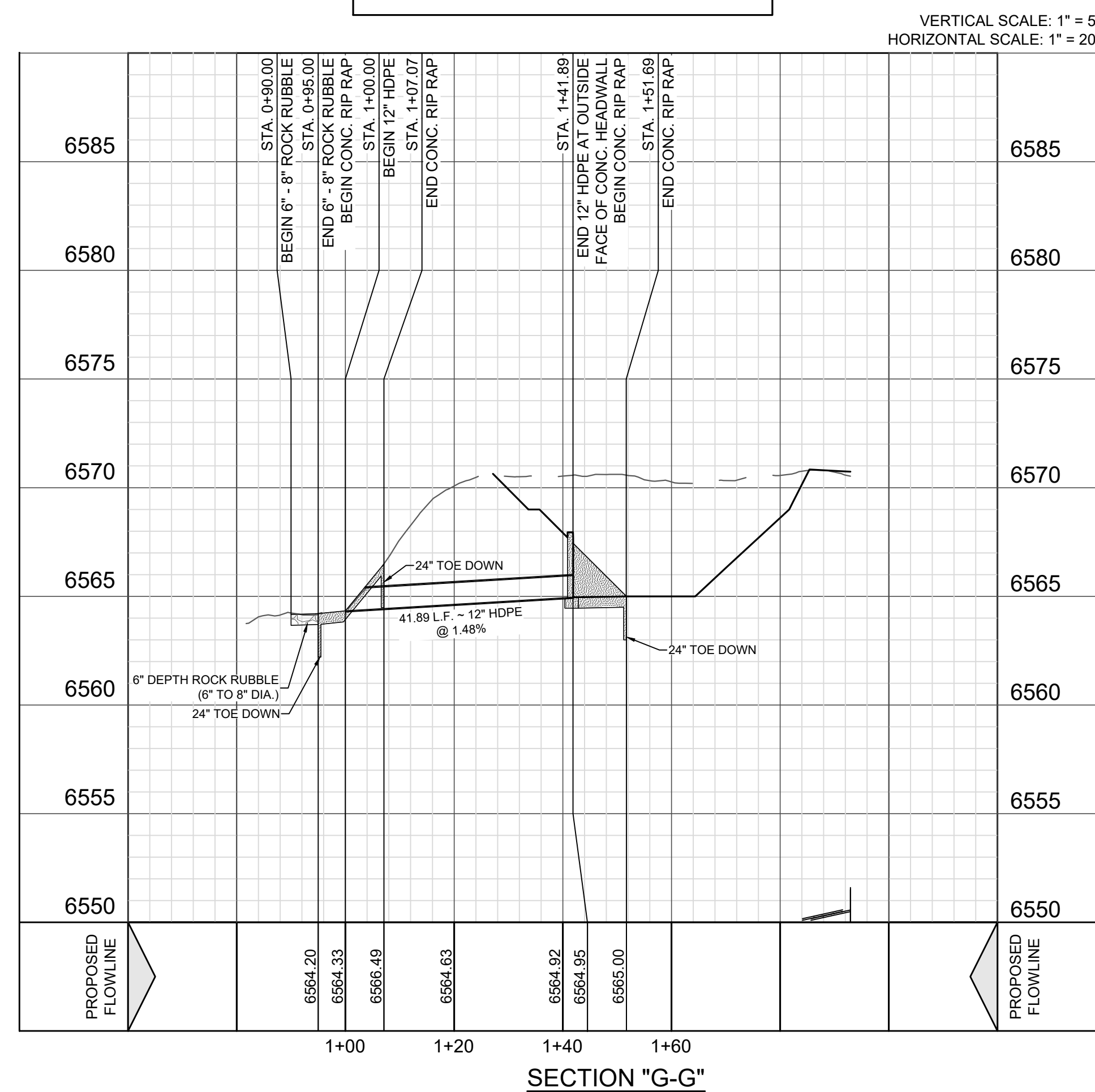
POND 14 OUTFALL 01



SECTION "F-F"



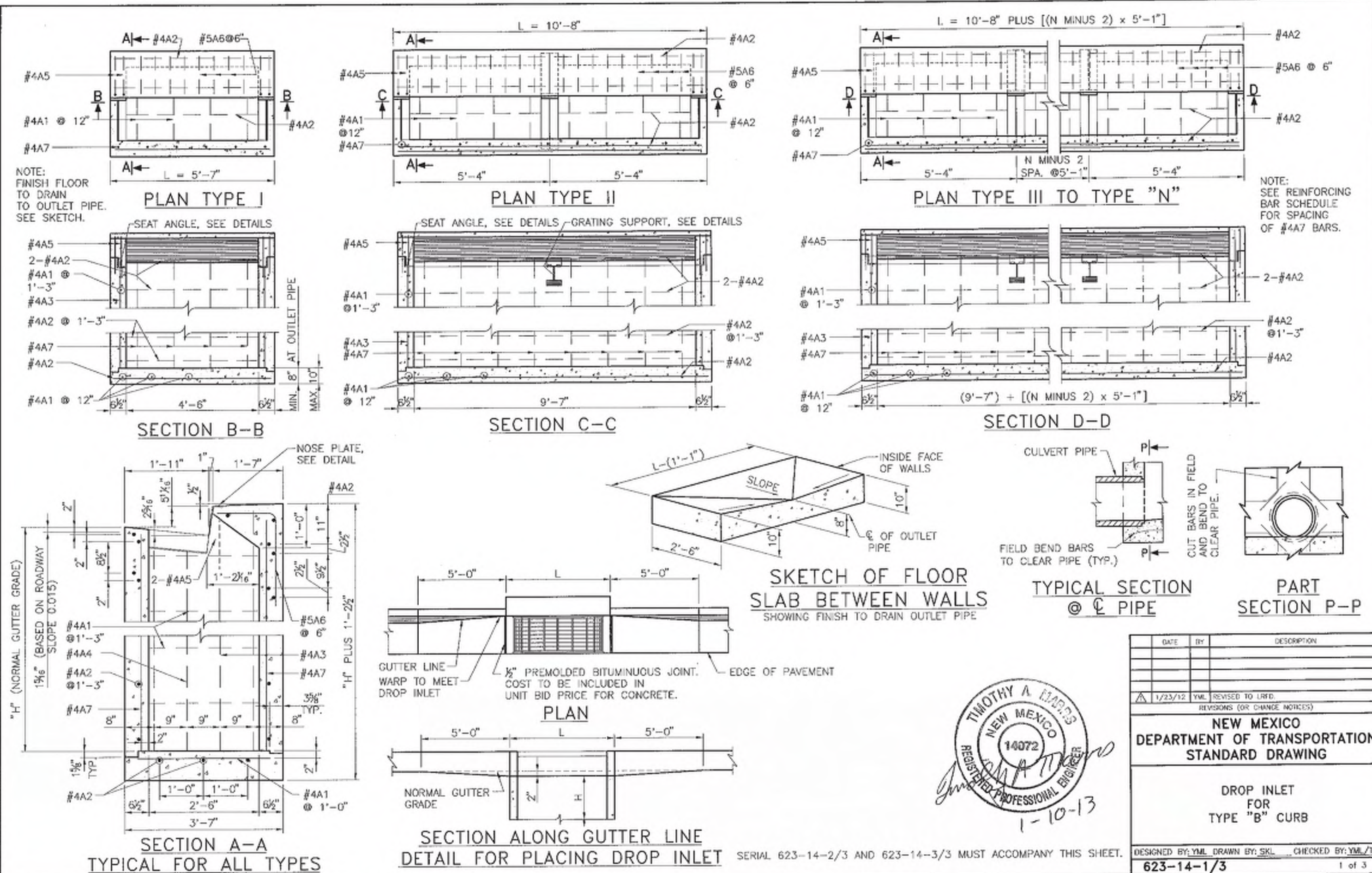
POND 15 OUTFALL 01



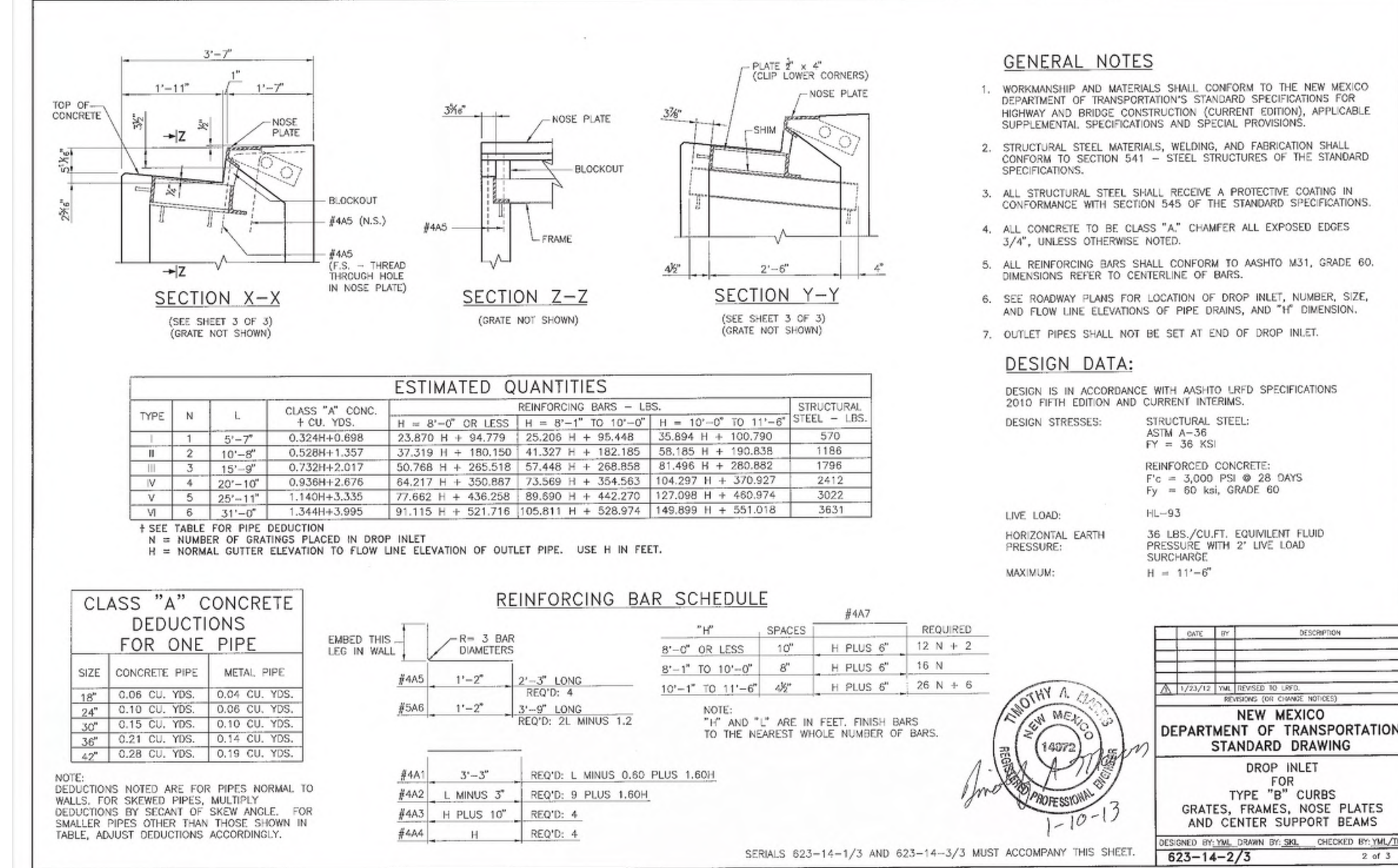
SECTION "G-G"

Vance Weinand

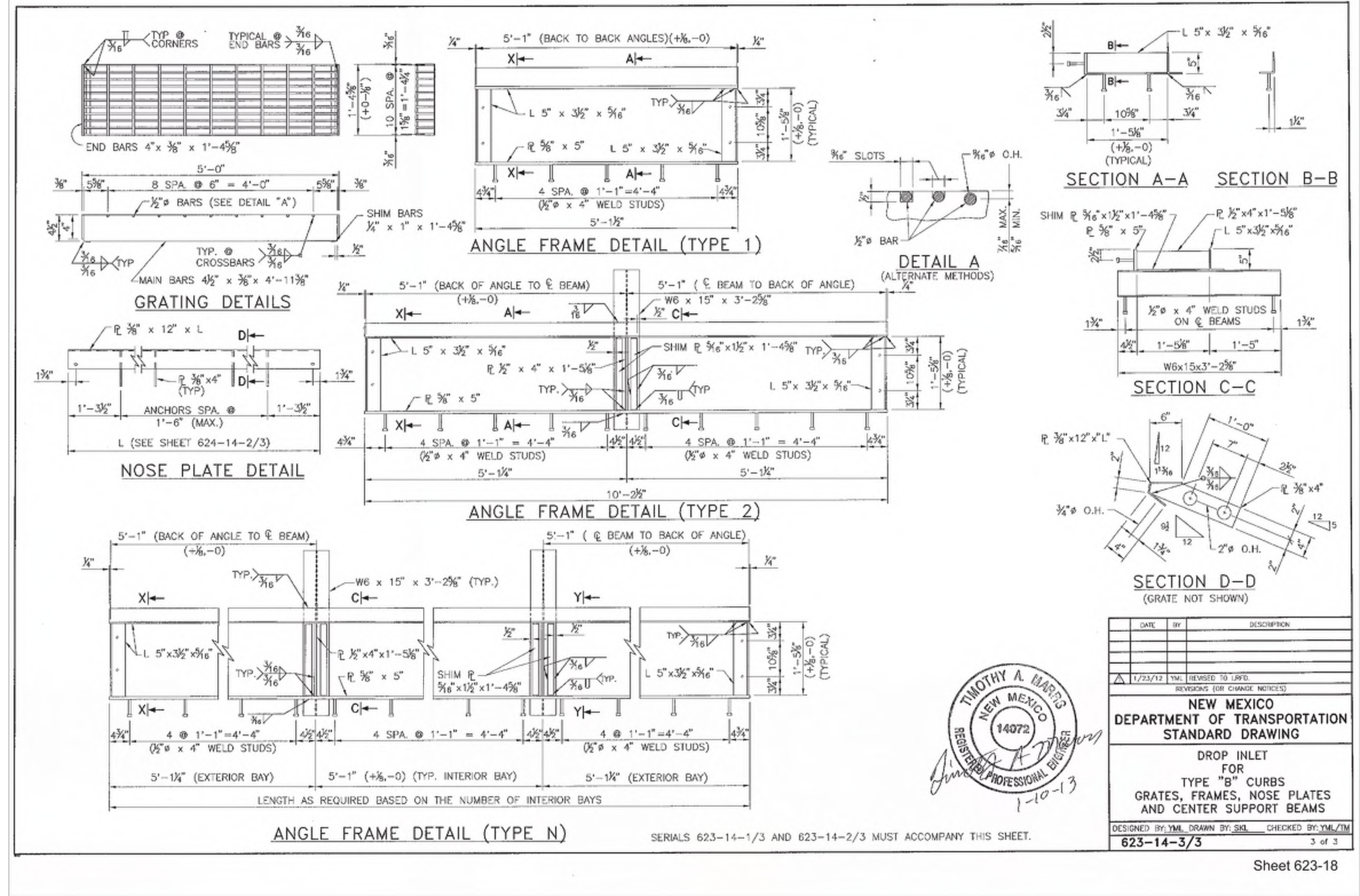




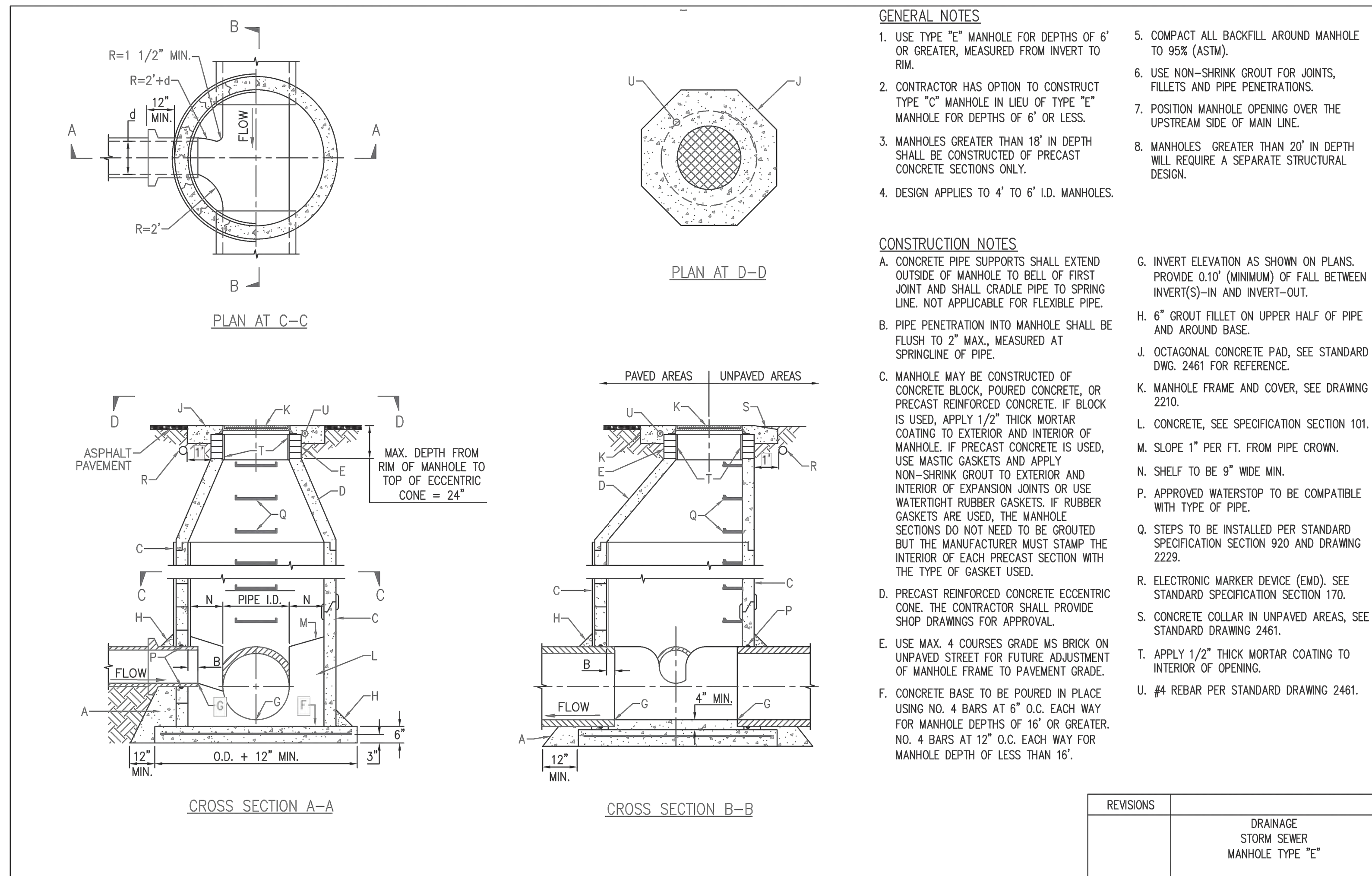
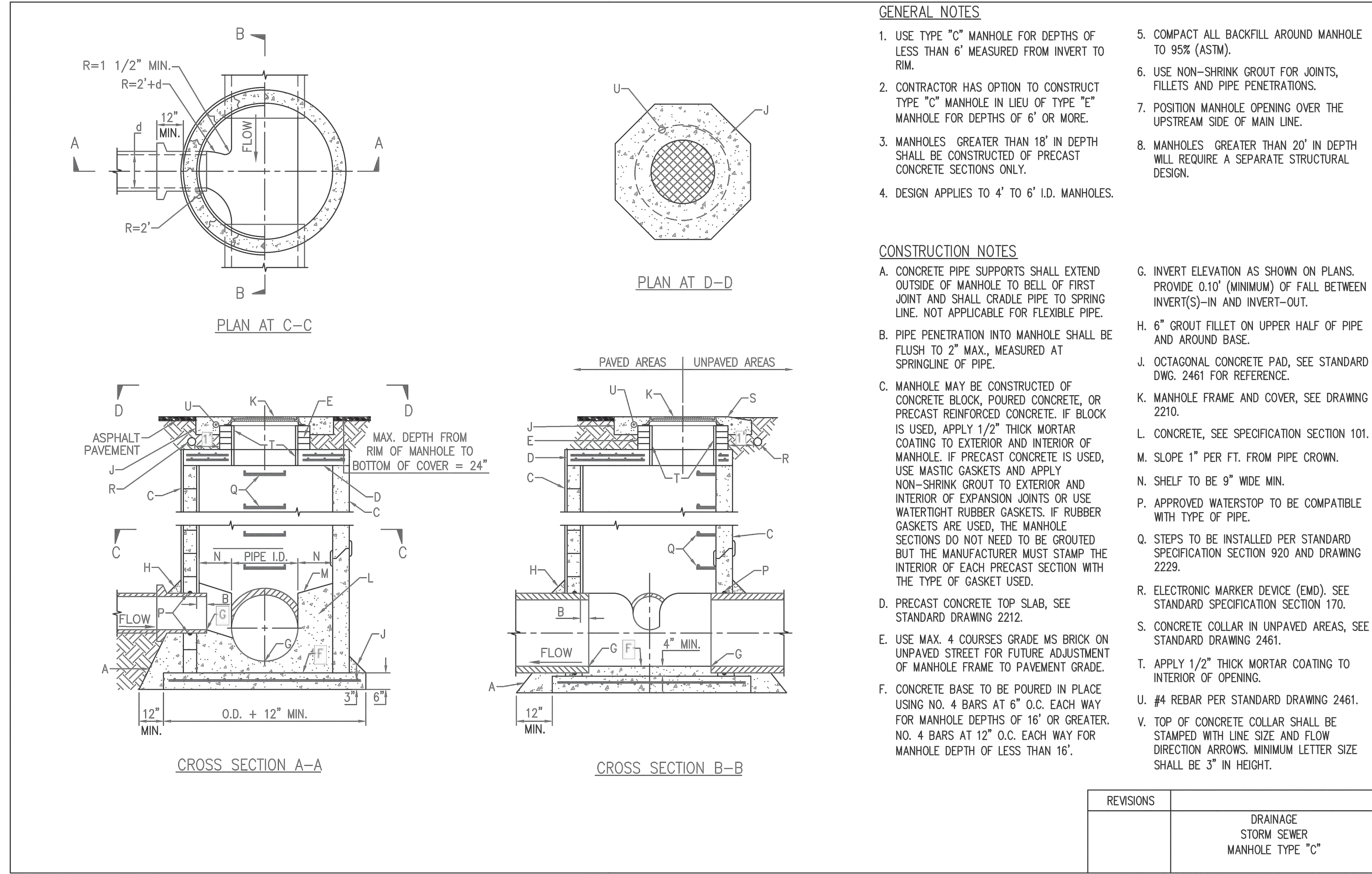
Sheet 623-16



Sheet 623-17



Sheet 623-18



REV	DATE	DESCRIPTION

1/28/2025

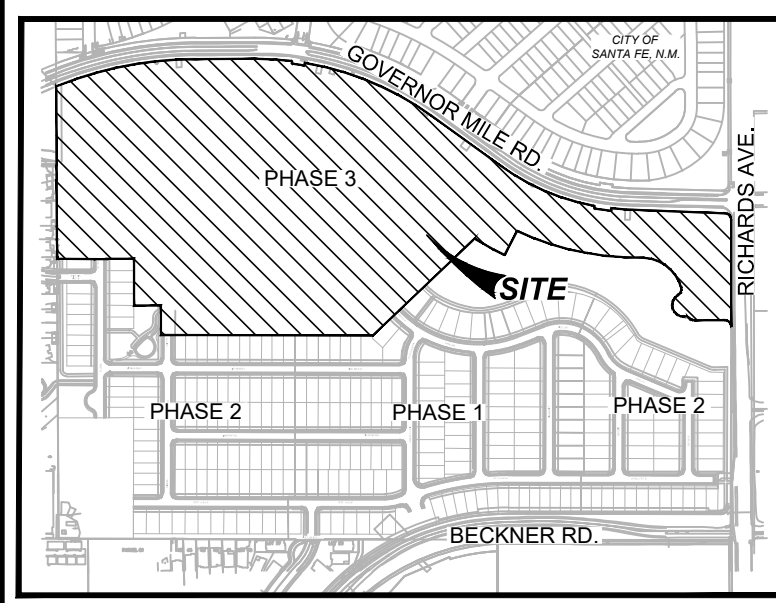
Vance Weynand

DHI Engineering, LLC.
 4419 ANTELOPE LOOP EAST
 SANTA FE, NM 87507
 (505) 426-2988 | dhiengineering.com
 TBPE REG. NO. F-19561

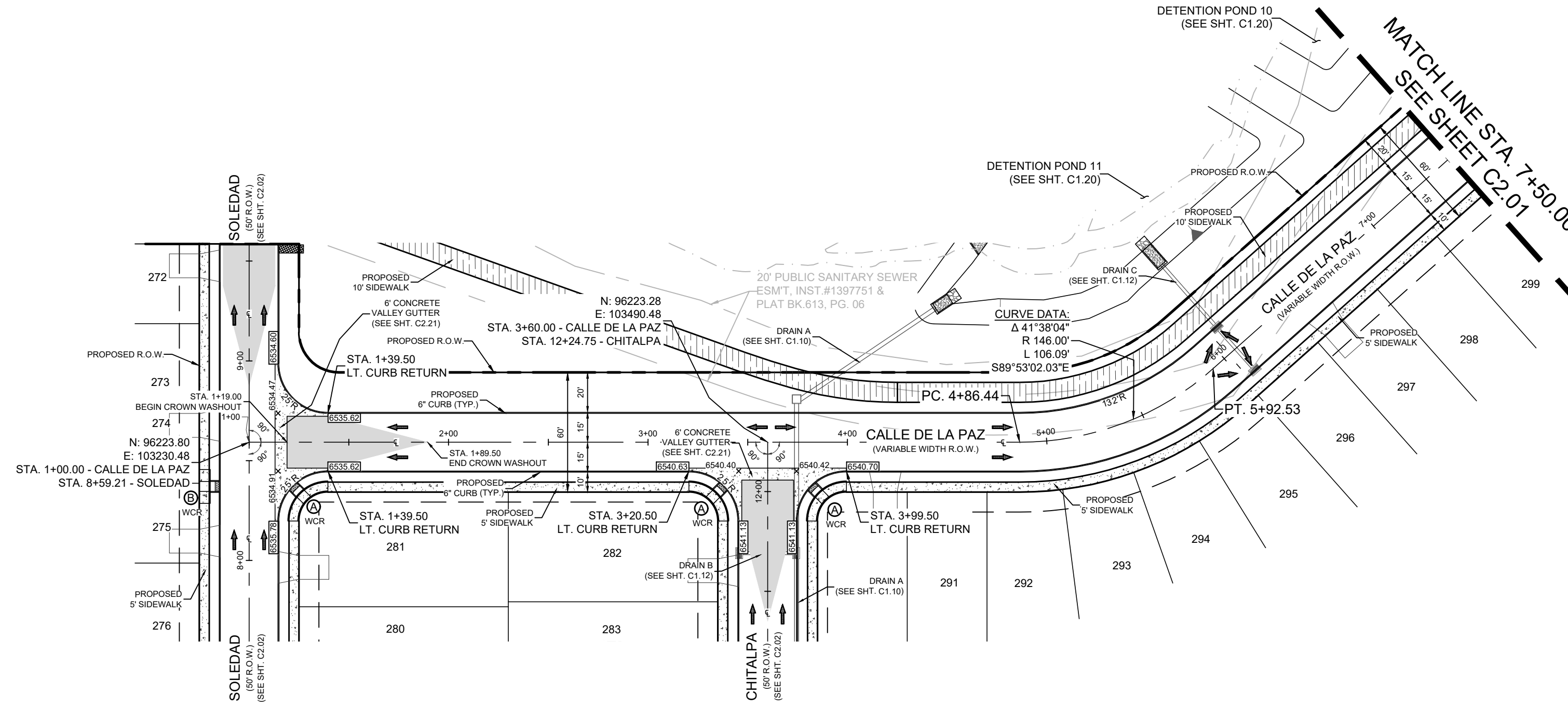
VISTAS DE LA SIERRA SUBDIVISION - PHASE 3
 SANTA FE, NM
 TYPICAL DRAINAGE
 DETAILS

DESIGNED BY:
 DRAWN BY: JWS
 DATE: 1/28/2025
 JOB NO.: 05004
 SHEET NO.

C1.31

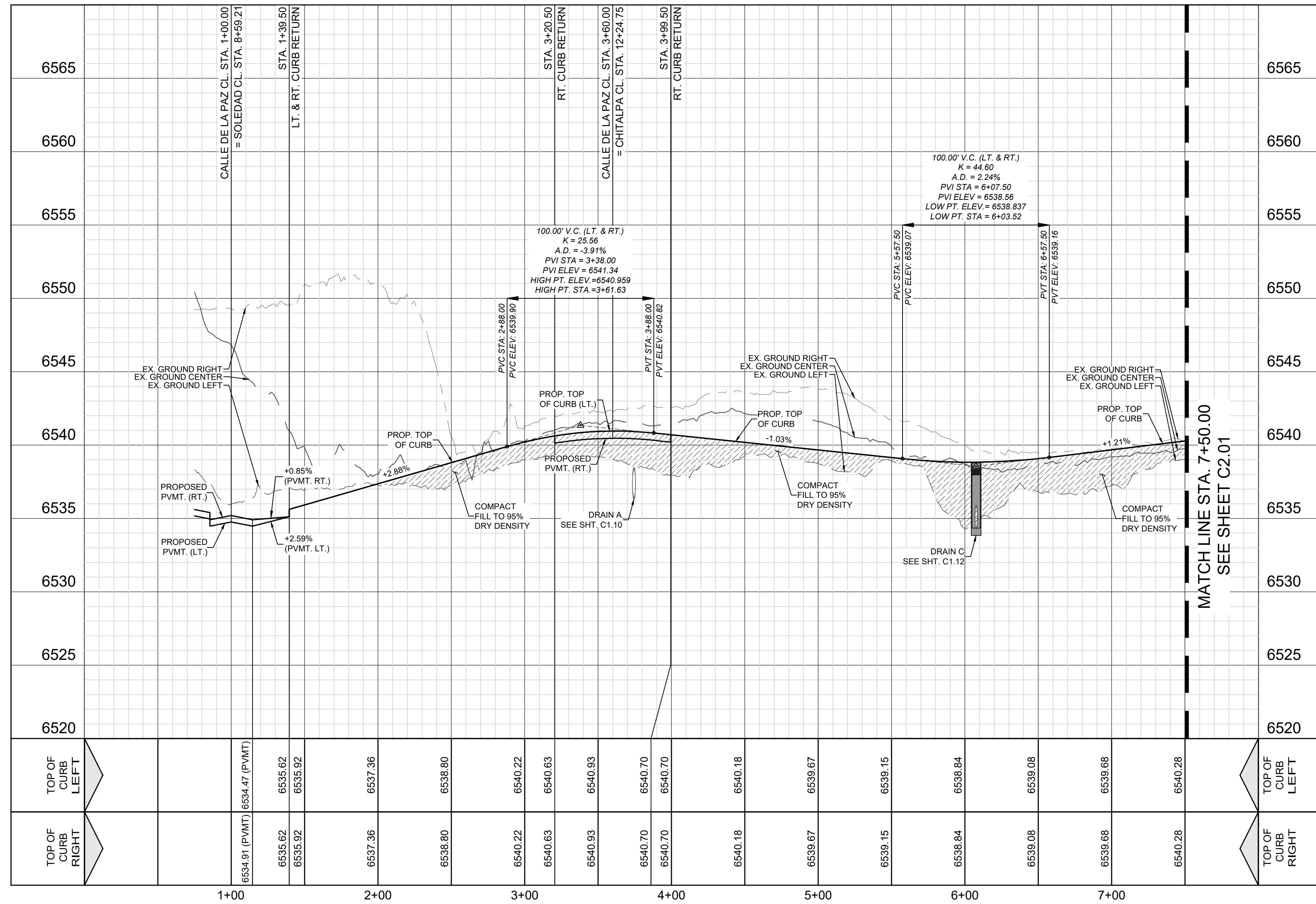


LOCATION MAP NOT-TO-SCALE



CALLE DE LA PAZ STA. 1+00.00 TO 7+50.00

VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 50'

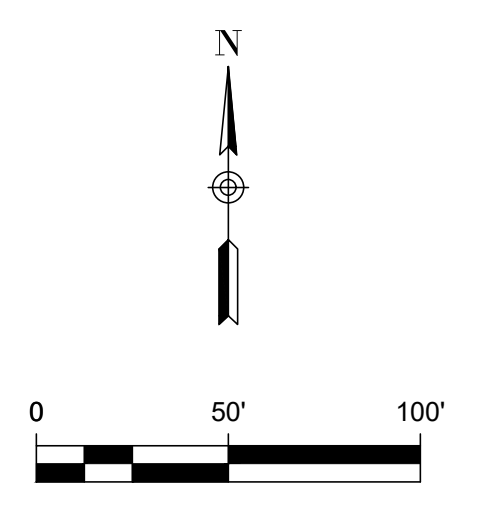


TOP OF CURB RIGHT	TOP OF CURB LEFT	STATION	TOP OF CURB RIGHT	TOP OF CURB LEFT
6540.70	6540.70	1+00	6540.70	6540.70
6540.63	6540.63	2+00	6540.63	6540.63
6540.93	6540.93	3+00	6540.93	6540.93
6540.70	6540.70	4+00	6540.70	6540.70
6540.18	6540.18	5+00	6540.18	6540.18
6539.67	6539.67	6+00	6539.67	6539.67
6539.15	6539.15	7+00	6539.15	6539.15

LEGEND (STREET)

- PROJECT LIMITS
- EXISTING CONTOUR
- PROPOSED CONTOUR
- WHEELCHAIR RAMP TYPE
- POINT OF CURVATURE
- POINT OF TANGENCY
- DRAINAGE FLOW ARROW
- TOP OF CURB ELEVATION
- PAVEMENT ELEVATION
- CROWN WASHOUT
- DRIVEWAY
- SIDEWALK (DEVELOPER RESPONSIBILITY)
- SIDEWALK (HOMEBUILDER RESPONSIBILITY)

- STREET NOTES:**
- A SANTA FE COUNTY PERMIT MUST BE OBTAINED BEFORE WORKING IN SANTA FE COUNTY ROW. CONTRACTOR SHALL COORDINATE A TRAFFIC CONTROL PLAN FOR ALL WORK WITHIN THE ROW. ADDITIONAL WARNING SIGNS MAY BE RECOMMENDED BY THE ENGINEER ONCE THE ROADWAYS ARE CONSTRUCTED.
 - CONTRACTOR SHALL MATCH EXISTING PAVEMENT AT TEIN. IF EXISTING PAVEMENT ELEVATION DIFFERS SIGNIFICANTLY, CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONTINUING WORK.
 - SIDEWALKS SHALL BE CONSTRUCTED 5 FT. FROM THE BACK OF CURB FOR ALL LOCATIONS WHERE THE SIDEWALK IS SHOWN OFFSET. REFER TO STREET DETAIL SHEET FOR SIDEWALK AND RAMP DETAILS.
 - NO PERMANENT STRUCTURES HIGHER THAN 3 FT. AND LOWER THAN 8 FT. ABOVE THE PAVEMENT INCLUDING STRUCTURES, WALLS, FENCES, AND VEGETATION SHALL BE CONSTRUCTED OR ALLOWED WITHIN THE CLEAR VISION EASEMENT. CONTRACTOR SHALL GRADE AREAS WITHIN CLEAR VISION EASEMENTS SUCH THAT THE ELEVATION WITHIN THE CLEAR VISION EASEMENT IS NOT HIGHER THAN 3 FT. ABOVE THE ADJACENT TOP OF PAVEMENT.
 - DRIVEWAYS SHOWN ON THIS PLAN ARE FOR THE SOLE PURPOSE OF INDICATING A POTENTIAL CONFLICT WITH CURB RAMP, DRAINAGE INFRASTRUCTURE OR OTHER CONFLICT. DRIVEWAY LOCATION IS SUBJECT TO CHANGE BASED ON HOME SELECTION AND FINAL LOT DESIGN.
 - CHANGES IN THE SIDEWALK LOCATION FOR A MAXIMUM LINEAR DISTANCE OF TWO HUNDRED (200) FEET ARE PERMITTED TO BE APPROVED BY THE FIELD INSPECTOR WITHOUT AMENDING THE STREET PLAN OR UTILITY LAYOUT.
 - ALL RAMP AND ANY PROPOSED SIDEWALKS THAT DO NOT FRONT PROPOSED RESIDENTIAL LOTS ARE REQUIRED TO BE CONSTRUCTED WITH STREET CONSTRUCTION.
 - FOR CROWN WASHOUT TRANSITIONS SEE DETAIL ON SHEET C2.1



VISTAS DE LA SIERRA SUBDIVISION - PHASE 3
SANTA FE, NM

CALLE DE LA PAZ - STA. 1+00.00 TO 7+50.00

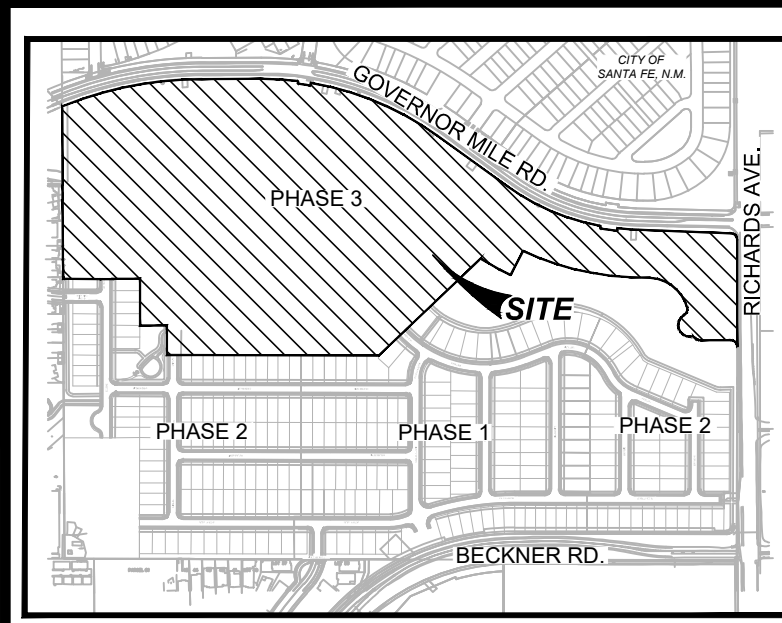
DESIGNED BY: JWS
DRAWN BY: JWS
DATE: 5/12/2025
JOB NO.: 05004
SHEET NO. **C2.00**

DHI Engineering, LLC.
4119 ANTELOPE LOOP EAST
SANTA FE, NM 87507
(505) 426-2988 | dhiengineering.com
TBP REG. NO. F-19561

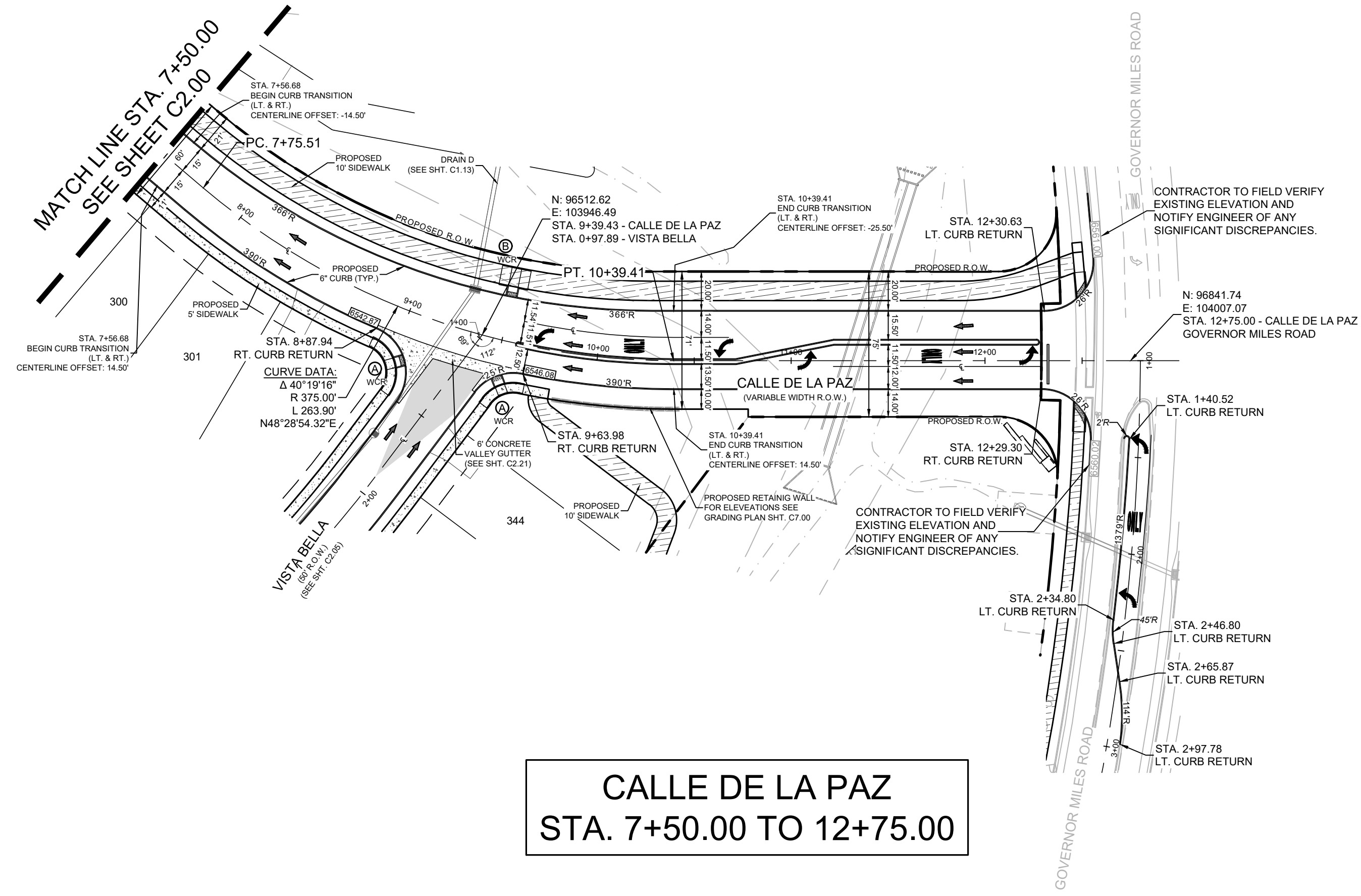
VANCE L WEINAND
NEW MEXICO
29907
PROFESSIONAL ENGINEER
5/12/2025
Vance Weingard

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Date: May 12, 2025, 11:26am, User: JWS, Job: 05004, File: E:\PROJECTS\05004 - Vistas de la Sierra - Santa Fe, NM - Drawings\0200 - Calle de la Paz - STA. 1+00.00 TO 7+50.00.dwg, VISTA DE LA SIERRA SUBDIVISION CASE/PERMIT # S-2020-2642

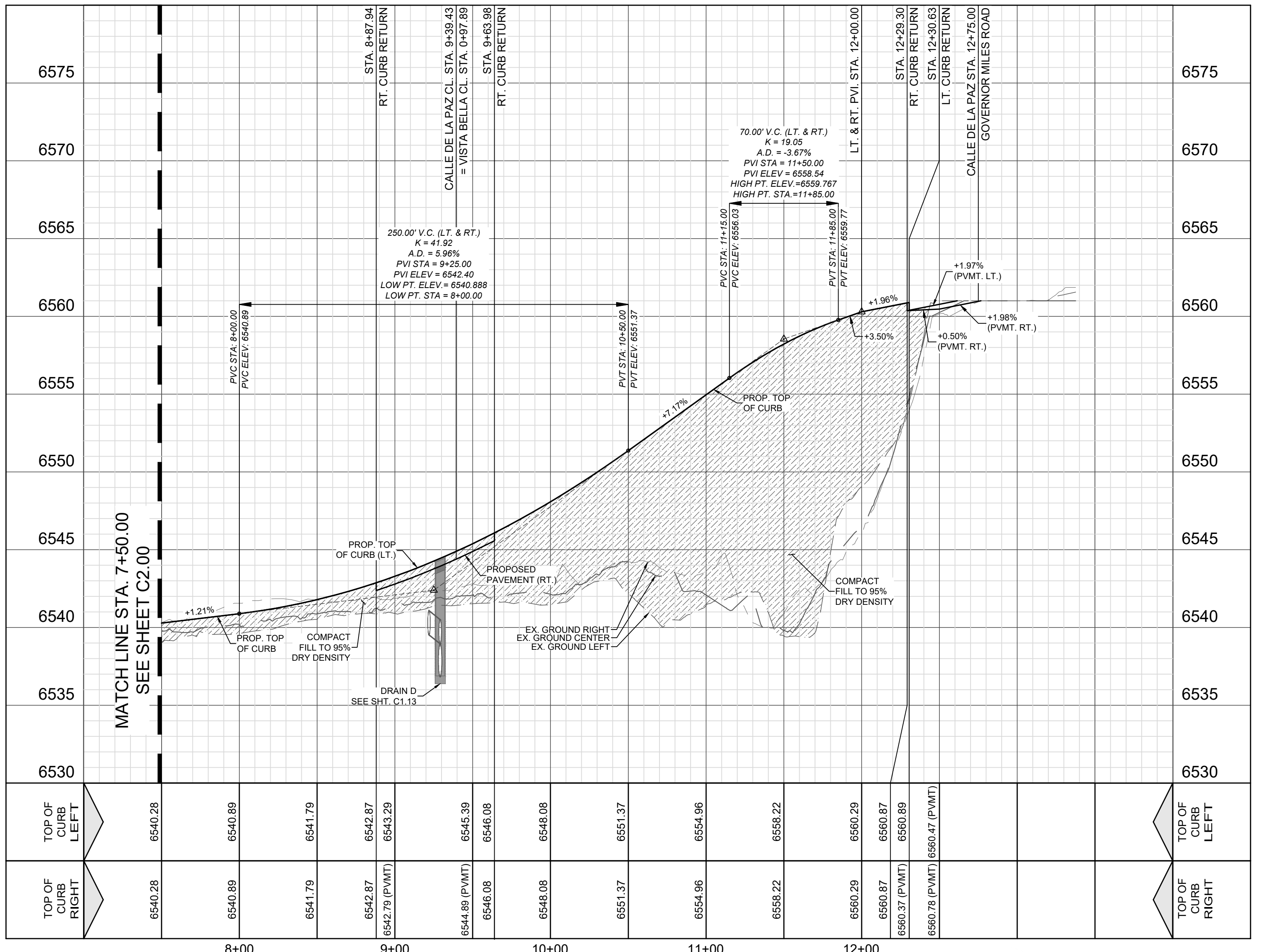


LOCATION MAP NOT-TO-SCALE



CALLE DE LA PAZ STA. 7+50.00 TO 12+75.00

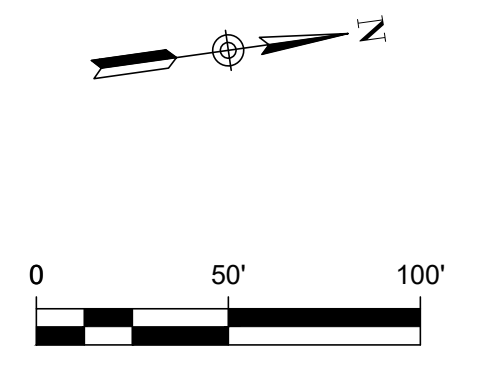
VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 50'



TOP OF CURB RIGHT	6540.28	6540.89	6541.79	6542.87	6543.29	6545.39	6546.08	6548.08	6551.37	6554.96	6558.22	6560.29	6560.87	6560.89	6560.78 (P.V.M.T.)	6560.47 (P.V.M.T.)	TOP OF CURB LEFT
TOP OF CURB LEFT	6540.28	6540.89	6541.79	6542.87	6543.29	6545.39	6546.08	6548.08	6551.37	6554.96	6558.22	6560.29	6560.87	6560.89	6560.78 (P.V.M.T.)	6560.47 (P.V.M.T.)	TOP OF CURB LEFT

LEGEND (STREET)

--- PROJECT LIMITS
- - - EXISTING CONTOUR
--- PROPOSED CONTOUR
⊙ WCR WHEELCHAIR RAMP TYPE
PC POINT OF CURVATURE
PT POINT OF TANGENCY
→ DRAINAGE FLOW ARROW
1022.353 TOP OF CURB ELEVATION
1022.237 PAVEMENT ELEVATION
--- CROWN WASHOUT
DRIVEWAY
SIDEWALK (DEVELOPER RESPONSIBILITY)
SIDEWALK (HOMEOWNER RESPONSIBILITY)



- STREET NOTES:**
- A SANTA FE COUNTY PERMIT MUST BE OBTAINED BEFORE WORKING IN SANTA FE COUNTY ROW. CONTRACTOR SHALL COORDINATE A TRAFFIC CONTROL PLAN FOR ALL WORK WITHIN THE ROW. ADDITIONAL WARNING SIGNS MAY BE RECOMMENDED BY THE ENGINEER ONCE THE ROADWAYS ARE CONSTRUCTED.
 - CONTRACTOR SHALL MATCH EXISTING PAVEMENT AT TIEN. IF EXISTING PAVEMENT ELEVATION DIFFERS SIGNIFICANTLY, CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONTINUING WORK.
 - SIDEWALKS SHALL BE CONSTRUCTED 5 FT. FROM THE BACK OF CURB FOR ALL LOCATIONS WHERE THE SIDEWALK IS SHOWN OFF-SET. REFER TO STREET DETAIL SHEET FOR SIDEWALK AND RAMP DETAILS.
 - NO PERMANENT STRUCTURES HIGHER THAN 3 FT. AND LOWER THAN 8 FT. ABOVE THE PAVEMENT INCLUDING STRUCTURES, WALLS, FENCES, AND VEGETATION SHALL BE CONSTRUCTED OR ALLOWED WITHIN THE CLEAR VISION EASEMENT. CONTRACTOR SHALL GRADE AREAS WITHIN CLEAR VISION EASEMENTS SUCH THAT THE ELEVATION WITHIN THE CLEAR VISION EASEMENT IS NOT HIGHER THAN 3 FT. ABOVE THE ADJACENT TOP OF PAVEMENT.
 - DRIVEWAYS SHOWN ON THIS PLAN ARE FOR THE SOLE PURPOSE OF INDICATING A POTENTIAL CONFLICT WITH CURB RAMP, DRAINAGE INFRASTRUCTURE OR OTHER CONFLICT. DRIVEWAY LOCATION IS SUBJECT TO CHANGE BASED ON HOME SELECTION AND FINAL LOT DESIGN.
 - CHANGES IN THE SIDEWALK LOCATION FOR A MAXIMUM LINEAR DISTANCE OF TWO HUNDRED (200) FEET ARE PERMITTED TO BE APPROVED BY THE FIELD INSPECTOR WITHOUT AMENDING THE STREET PLAN OR UTILITY LAYOUT.
 - ALL RAMP AND ANY PROPOSED SIDEWALKS THAT DO NOT FRONT PROPOSED RESIDENTIAL LOTS ARE REQUIRED TO BE CONSTRUCTED WITH STREET CONSTRUCTION.
 - FOR CROWN WASHOUT TRANSITIONS SEE DETAIL ON SHEET C2.1

DESCRIPTION

REV	DATE	DESCRIPTION

5/12/2025

VANCE L WEYLAND
NEW MEXICO
29907
PROFESSIONAL ENGINEER

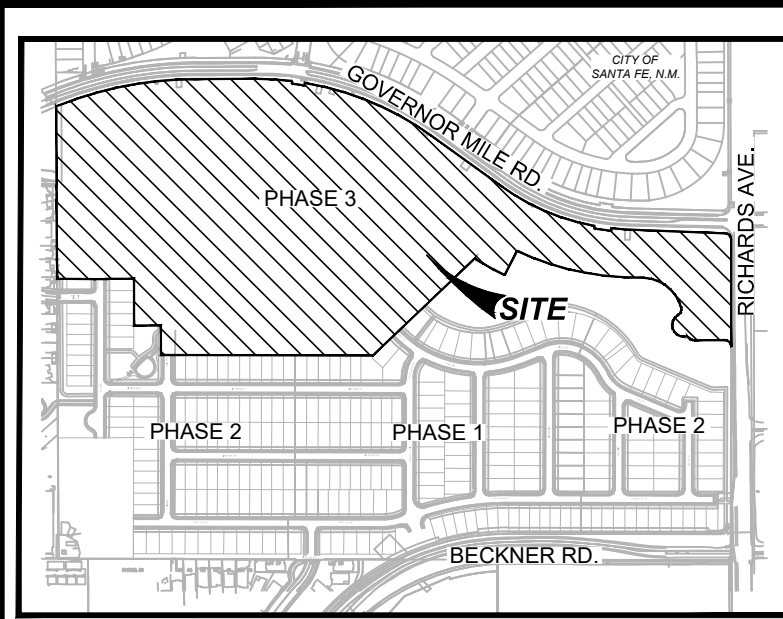
Vance Weyland

DHI Engineering, LLC.
4119 ANTONIO LOOP EAST
SANTA FE, NM 87507
(505) 426-2988 | dhiengineering.com
T.B.P.E. REG. NO. F-19561

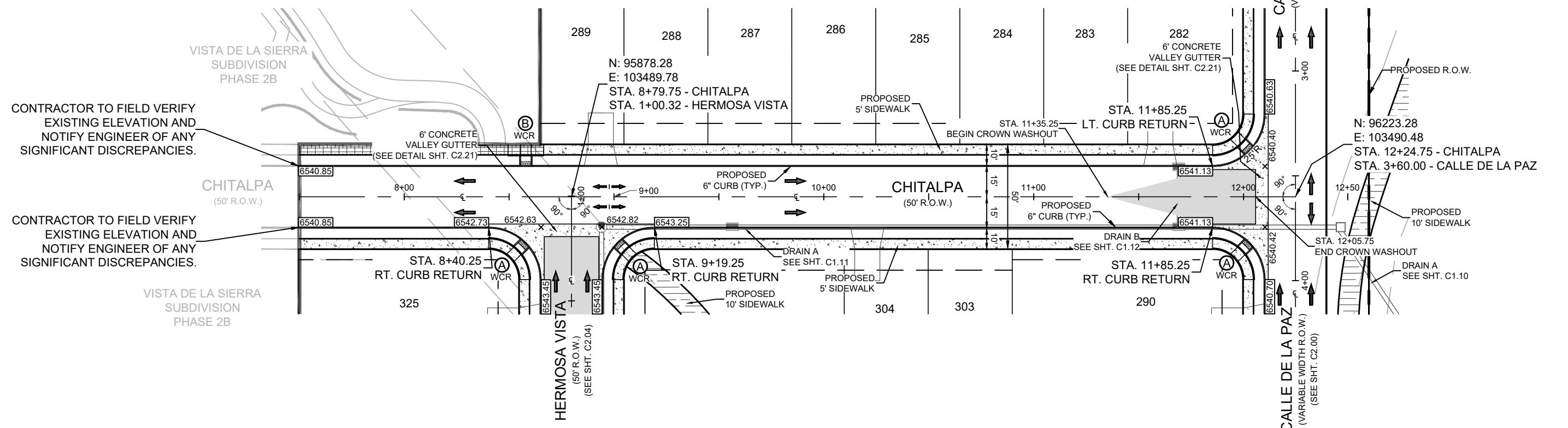
DHI

VISTAS DE LA SIERRA SUBDIVISION - PHASE 3
SANTA FE, NM
CALLE DE LA PAZ - STA. 7+50.00 TO 12+75.00

DESIGNED BY: JWS
DRAWN BY: JWS
DATE: 5/12/2025
JOB NO.: 05004
SHEET NO. C2.01

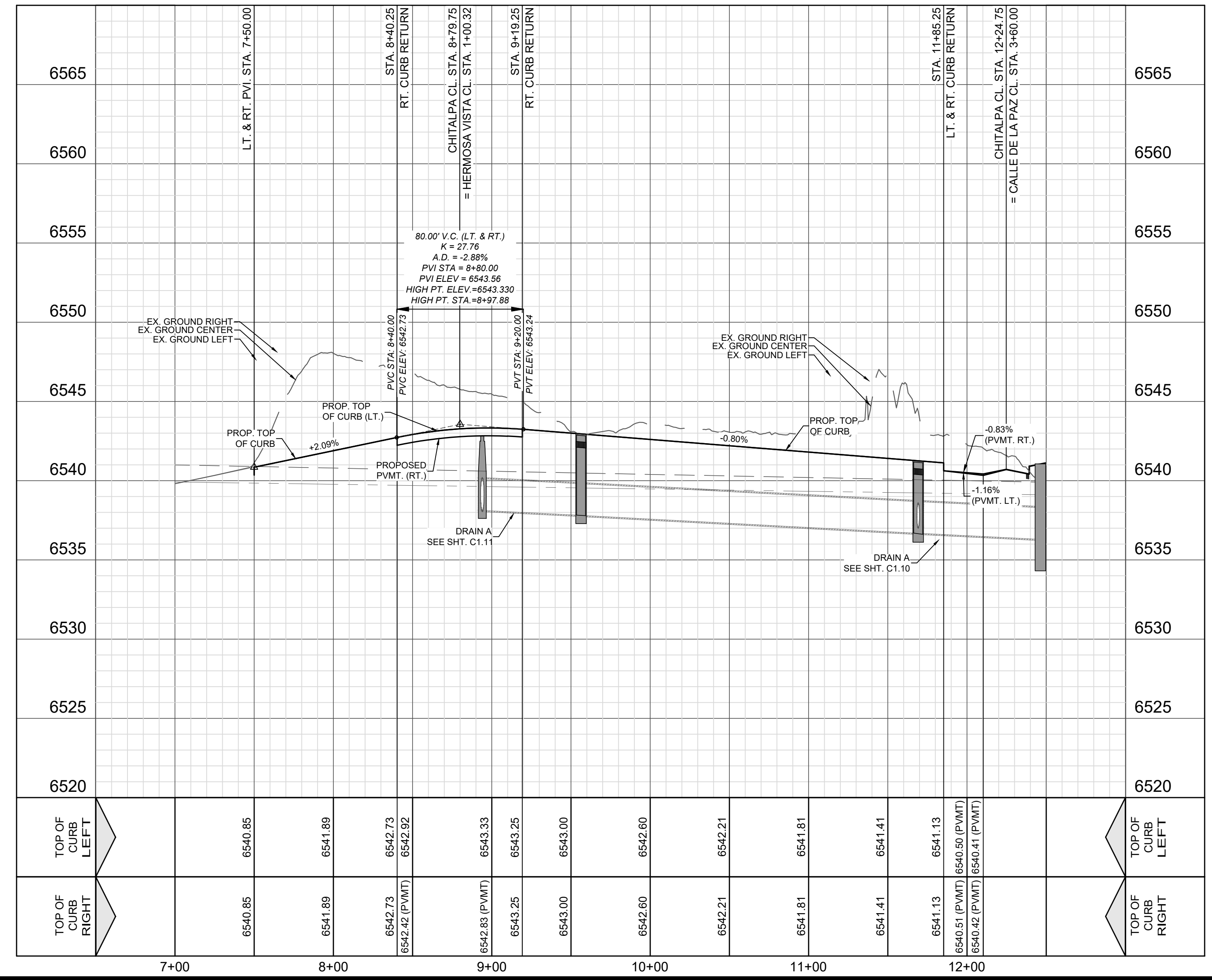


LOCATION MAP NOT-TO-SCALE



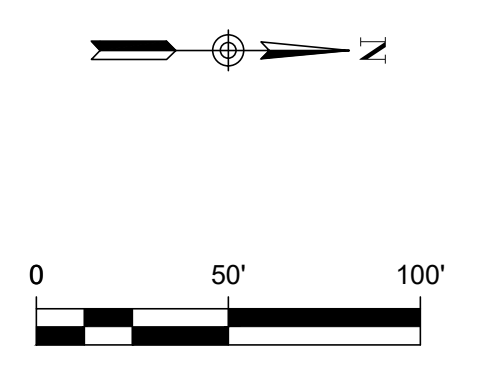
CHITALPA STA. 7+50.00 TO 12+24.75

VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 50'



LEGEND (STREET)

--- PROJECT LIMITS
- - - EXISTING CONTOUR
- - - PROPOSED CONTOUR
○ WCR WHEELCHAIR RAMP TYPE
PC POINT OF CURVATURE
PT POINT OF TANGENCY
→ DRAINAGE FLOW ARROW
1022.343 TOP OF CURB ELEVATION
1022.237 PAVEMENT ELEVATION
DRIVEWAY
SIDEWALK (DEVELOPER RESPONSIBILITY)
SIDEWALK (HOMEOWNER RESPONSIBILITY)



- STREET NOTES:**
- A SANTA FE COUNTY PERMIT MUST BE OBTAINED BEFORE WORKING IN SANTA FE COUNTY ROW. CONTRACTOR SHALL COORDINATE A TRAFFIC CONTROL PLAN FOR ALL WORK WITHIN THE ROW. ADDITIONAL WARNING SIGNS MAY BE RECOMMENDED BY THE ENGINEER ONCE THE ROADWAYS ARE CONSTRUCTED.
 - CONTRACTOR SHALL MATCH EXISTING PAVEMENT AT TEIN. IF EXISTING PAVEMENT ELEVATION DIFFERS SIGNIFICANTLY, CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONTINUING WORK.
 - SIDEWALKS SHALL BE CONSTRUCTED 5 FT. FROM THE BACK OF CURB FOR ALL LOCATIONS WHERE THE SIDEWALK IS SHOWN OFFSET. REFER TO STREET DETAIL SHEET FOR SIDEWALK AND RAMP DETAILS.
 - NO PERMANENT STRUCTURES HIGHER THAN 3 FT. AND LOWER THAN 8 FT. ABOVE THE PAVEMENT INCLUDING STRUCTURES, WALLS, FENCES, AND VEGETATION SHALL BE CONSTRUCTED OR ALLOWED WITHIN THE CLEAR VISION EASEMENT. CONTRACTOR SHALL GRADE AREAS WITHIN CLEAR VISION EASEMENTS SUCH THAT THE ELEVATION WITHIN THE CLEAR VISION EASEMENT IS NOT HIGHER THAN 3 FT. ABOVE THE ADJACENT TOP OF PAVEMENT.
 - DRIVEWAYS SHOWN ON THIS PLAN ARE FOR THE SOLE PURPOSE OF INDICATION. A POTENTIAL CONFLICT WITH CURB RAMP, DRAINAGE INFRASTRUCTURE OR OTHER CONFLICT, DRIVEWAY LOCATION IS SUBJECT TO CHANGE BASED ON HOME SELECTION AND FINAL LOT DESIGN.
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 - ALL RAMP AND ANY PROPOSED SIDEWALKS THAT DO NOT FRONT PROPOSED RESIDENTIAL LOTS ARE REQUIRED TO BE CONSTRUCTED WITH STREET CONSTRUCTION.
 - FOR CROWN WASHOUT TRANSITIONS SEE DETAIL ON SHEET C2.21

VISTA DE LA SIERRA SUBDIVISION CASE PERMIT # S-2020-2642

5/12/2025

VANCE L WEYLAND
NEW MEXICO
29907
PROFESSIONAL ENGINEER

Vance Weyland

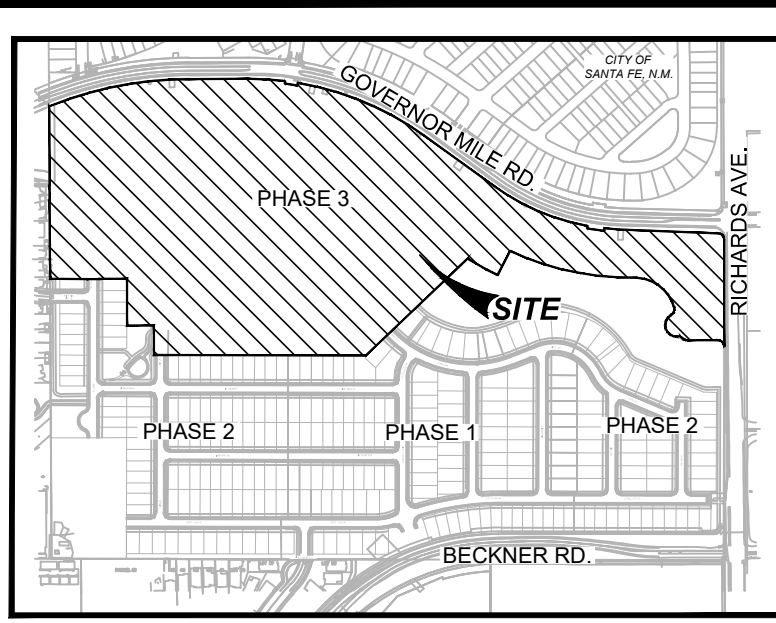
DHI Engineering, LLC.
4119 ANTELOPE LOOP EAST
SANTA FE, NM 87507
(505) 426-2988 | dhiengineering.com
TBP REG. NO. F-195661

DHI

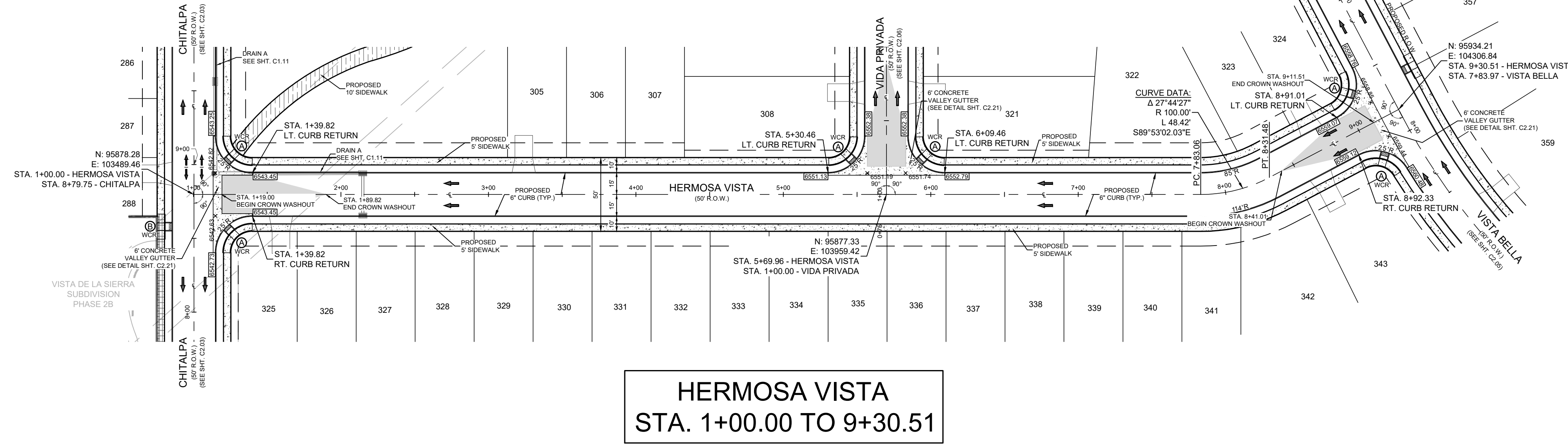
VISTAS DE LA SIERRA SUBDIVISION - PHASE 3
SANTA FE, NM

CHITALPA - STA. 7+50.00 TO 12+24.75

DESIGNED BY: JWS
DRAWN BY: JWS
DATE: 5/12/2025
JOB NO.: 05004
SHEET NO. C2.03

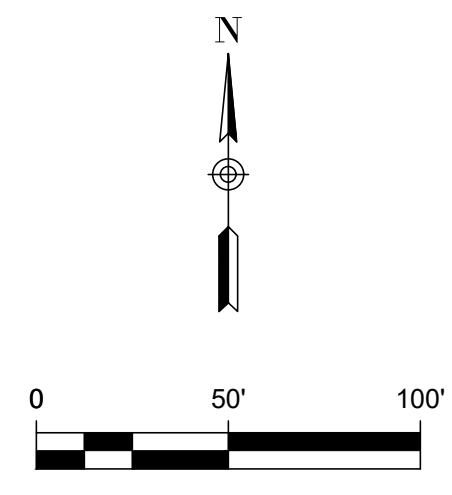
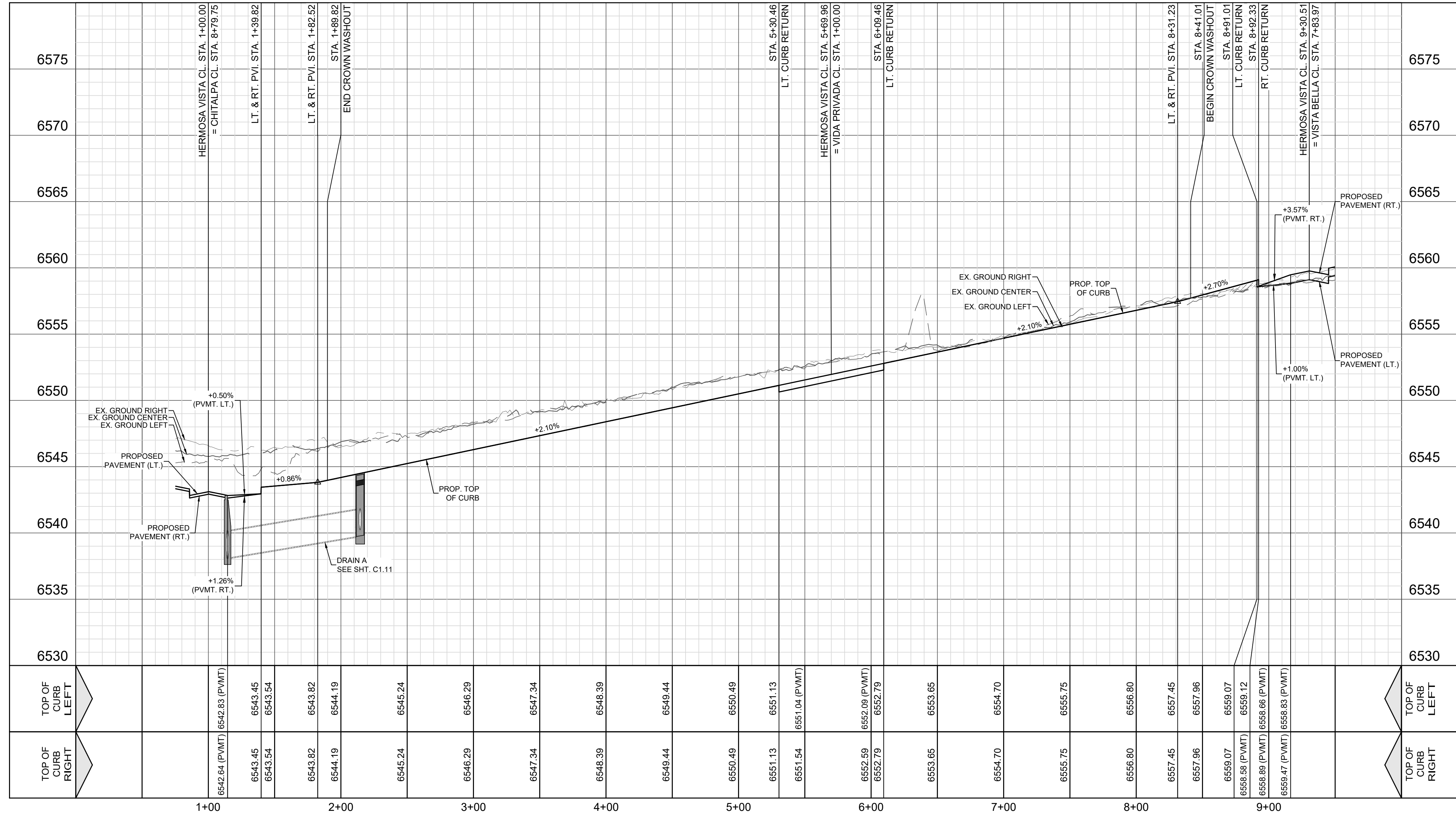


LOCATION MAP
NOT-TO-SCALE



**HERMOSA VISTA
STA. 1+00.00 TO 9+30.51**

VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 50'



LEGEND (STREET)

---	PROJECT LIMITS
- - -	EXISTING CONTOUR
---	PROPOSED CONTOUR
○ WCR	WHEELCHAIR RAMP TYPE
PC	POINT OF CURVATURE
PT	POINT OF TANGENCY
→	DRAINAGE FLOW ARROW
1022.343	TOP OF CURB ELEVATION
1022.237	PAVEMENT ELEVATION
▭	CROWN WASHOUT
▭	DRIVEWAY
▭	SIDEWALK (DEVELOPER RESPONSIBILITY)
▭	SIDEWALK (HOMEBUILDER RESPONSIBILITY)

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 - FOR CROWN WASHOUT TRANSITIONS SEE DETAIL ON SHEET C2.21

DESCRIPTION

REV	DATE	DESCRIPTION

5/12/2025

VANCE L WEYLAND
NEW MEXICO
29907
PROFESSIONAL ENGINEER

Vance Weyland

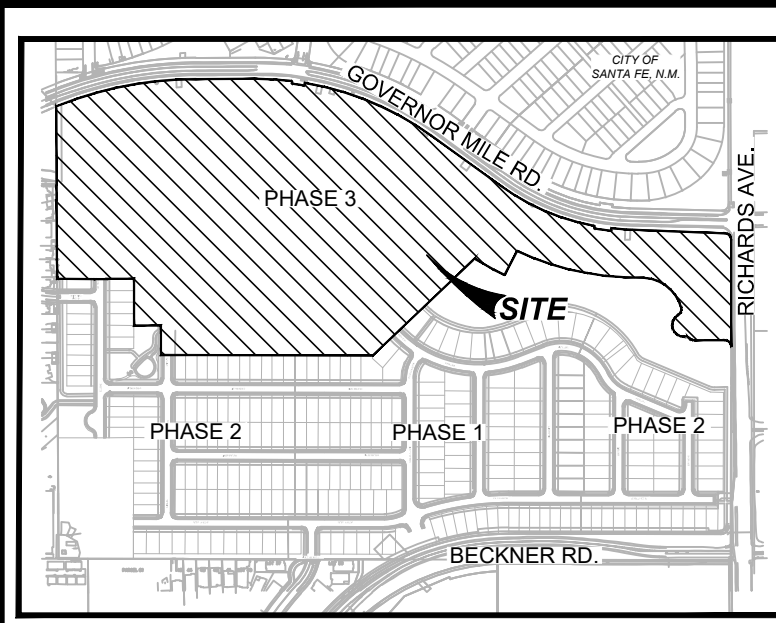
DHI Engineering, LLC.
4119 ANTONIO LOOP EAST
SUITE 100
SANTA FE, NM 87507
(505) 426-2988 | dhiengineering.com
TBP REG. NO. F-19561

DHI

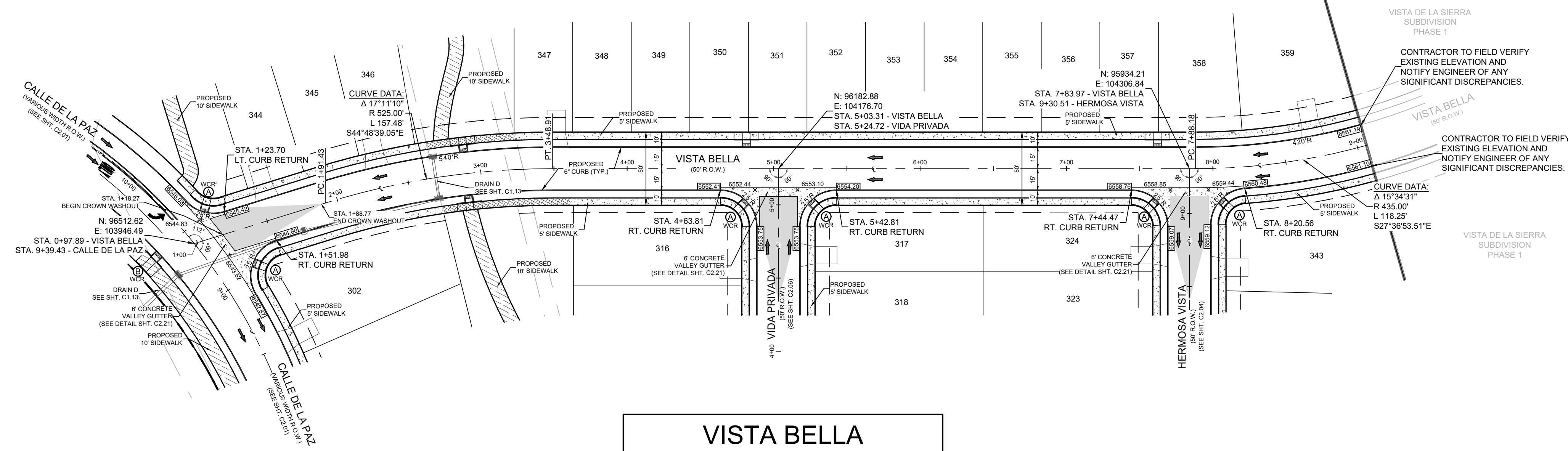
VISTAS DE LA SIERRA SUBDIVISION - PHASE 3
SANTA FE, NM

HERMOSA VISTA - STA. 1+00.00 TO 9+30.51

DESIGNED BY: JWS
DRAWN BY: JWS
DATE: 5/12/2025
JOB NO.: 05004
SHEET NO. **C2.04**



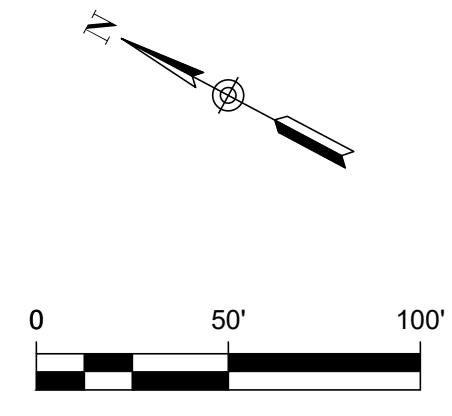
LOCATION MAP NOT-TO-SCALE



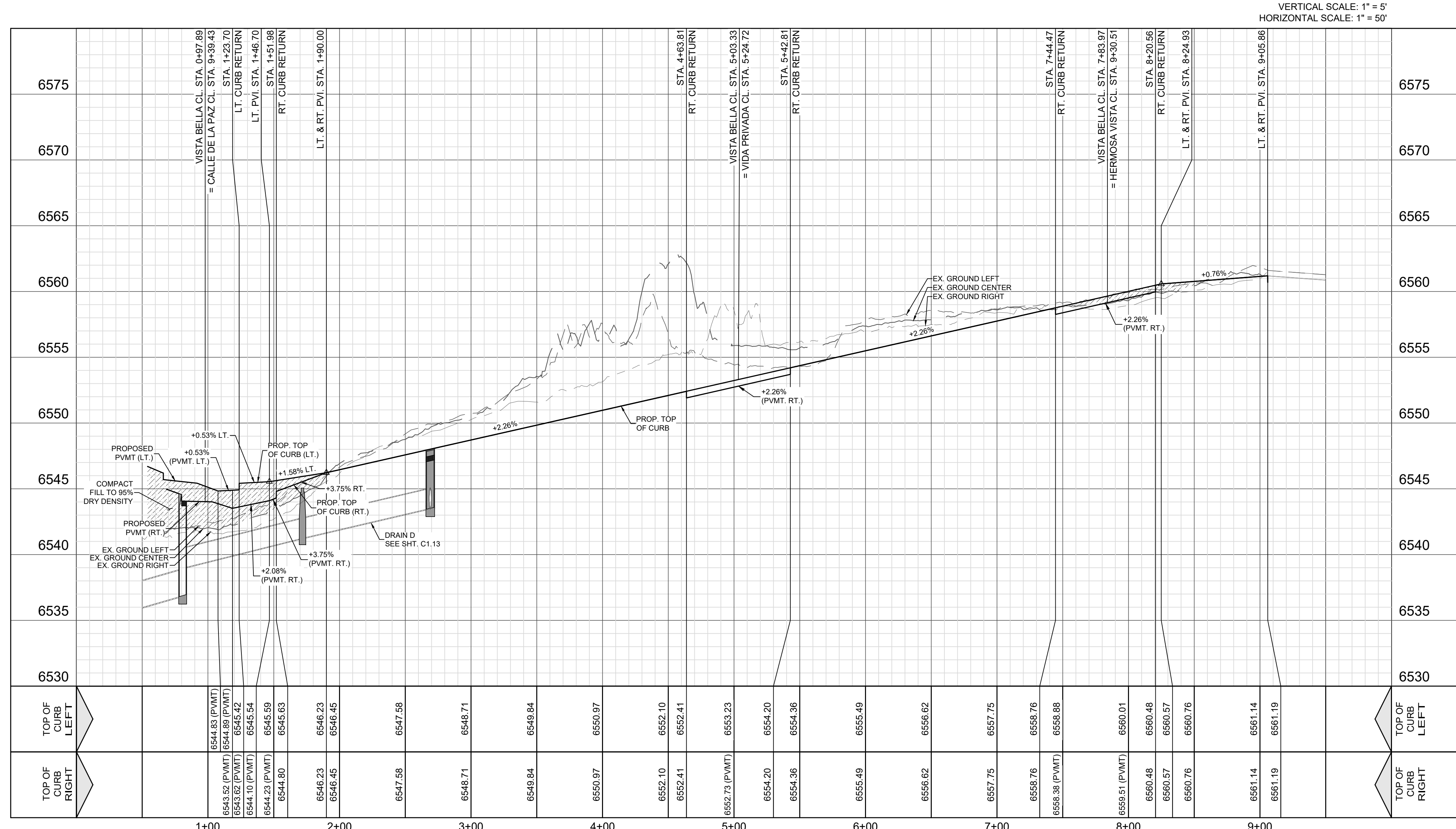
VISTA BELLA STA. 1+00.00 TO 9+05.86

LEGEND (STREET)

---	PROJECT LIMITS
- - - -	EXISTING CONTOUR
- - - -	PROPOSED CONTOUR
○ WCR	WHEELCHAIR RAMP TYPE
PC	POINT OF CURVATURE
PT	POINT OF TANGENCY
→	DRAINAGE FLOW ARROW
1022.35	TOP OF CURB ELEVATION
1022.237	PAVEMENT ELEVATION
▭	CROWN WASHOUT
▭	DRIVEWAY
▭	SIDEWALK (DEVELOPER RESPONSIBILITY)
▭	SIDEWALK (HOMEOWNER RESPONSIBILITY)



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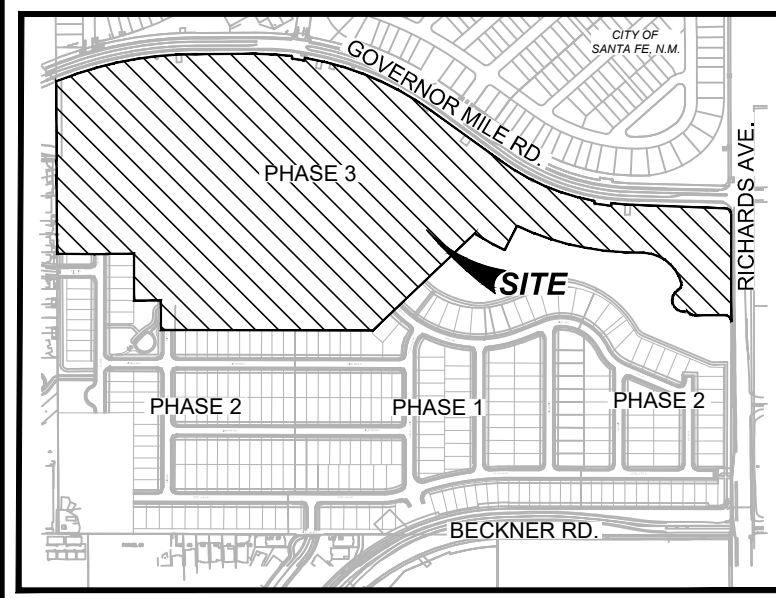
VISTAS DE LA SIERRA SUBDIVISION - PHASE 3
SANTA FE, NM
VISTA BELLA - STA. 1+00.00 TO 9+05.86

DESIGNED BY: JWS
DRAWN BY: JWS
DATE: 5/12/2025
JOB NO.: 05004
SHEET NO. C2.05

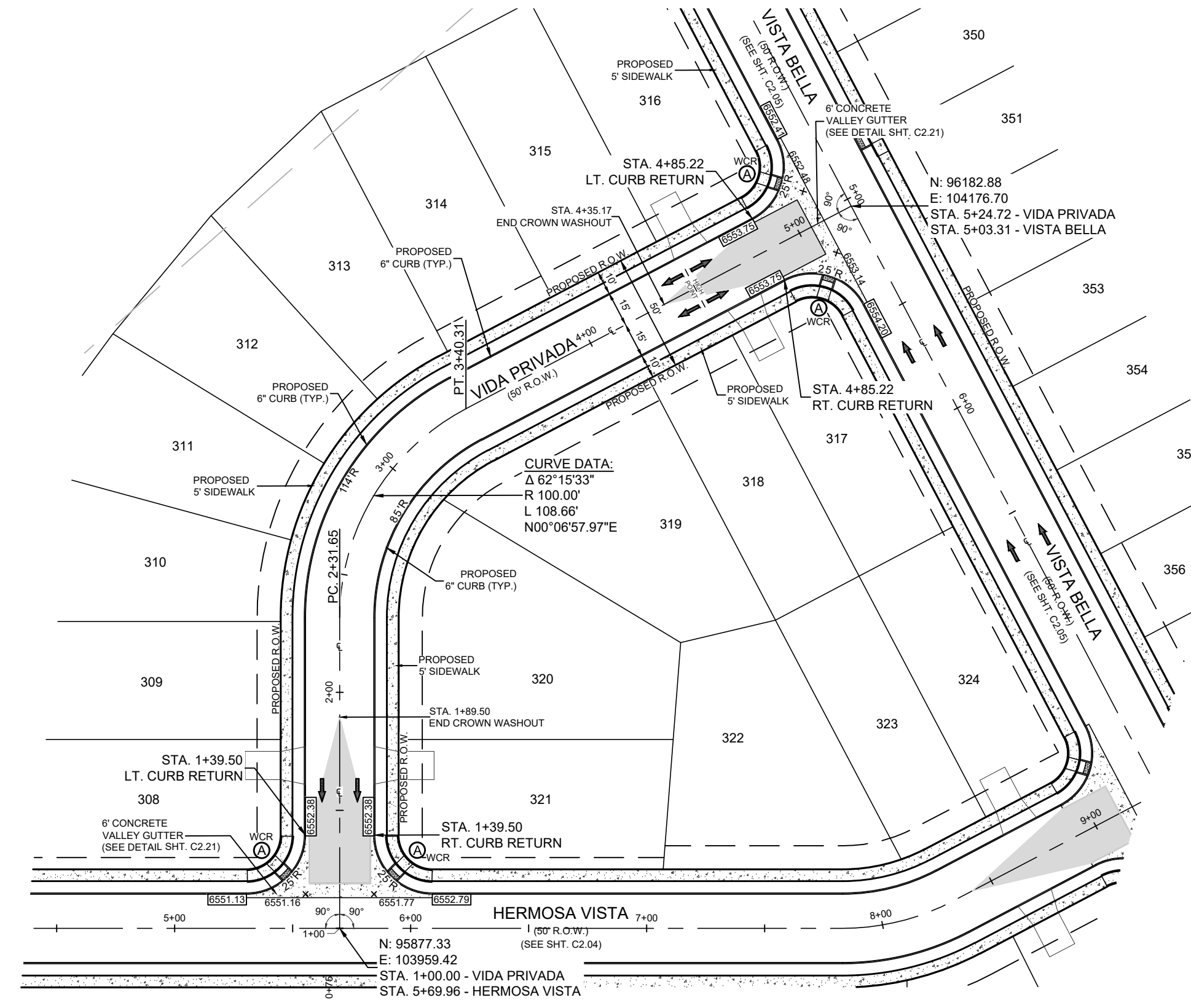
VANCE L WEINAND
NEW MEXICO
29907
PROFESSIONAL ENGINEER
Vance Weynand

DHI Engineering, LLC.
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SANTA FE, NM 87507
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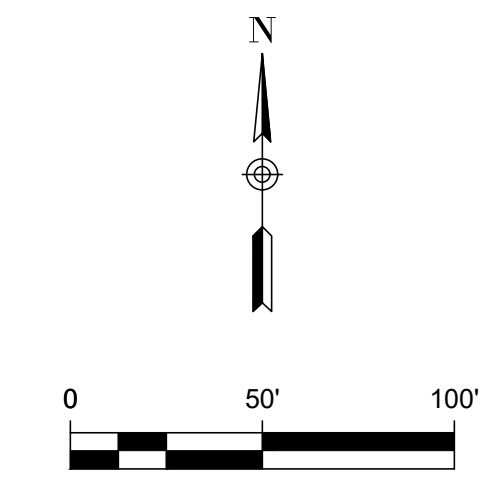
DHI



LOCATION MAP
NOT-TO-SCALE



VIDA PRIVADA
STA. 1+00.00 TO 5+24.72



LEGEND (STREET)	
	PROJECT LIMITS
	EXISTING CONTOUR
	PROPOSED CONTOUR
	WHEELCHAIR RAMP TYPE
	POINT OF CURVATURE
	POINT OF TANGENCY
	DRAINAGE FLOW ARROW
	TOP OF CURB ELEVATION
	PAVEMENT ELEVATION
	CROWN WASHOUT
	DRIVEWAY
	SIDEWALK (DEVELOPER RESPONSIBILITY)
	SIDEWALK (HOMEBUILDER RESPONSIBILITY)

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DESCRIPTION

REV	DATE

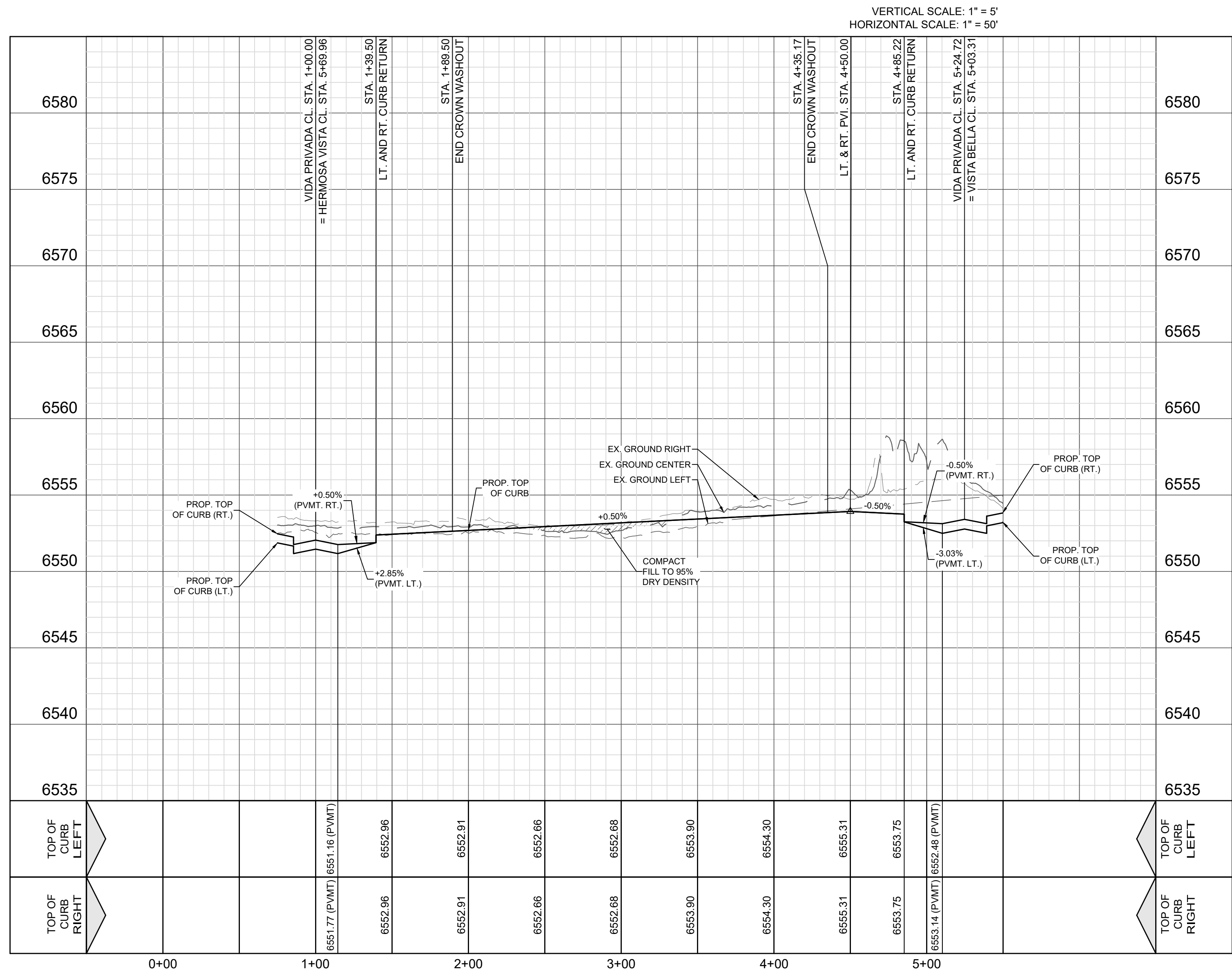
5/12/2025

VANCE L WEYMAN
NEW MEXICO
29907
PROFESSIONAL ENGINEER

Vance Weyman

DHI Engineering, LLC.
4119 ANTONIO LOOP, SUITE 100, EAST
SANTA FE, NM 87505
(505) 426-2988 | dhiengineering.com
TBPE REG. NO. F-19561

DHI

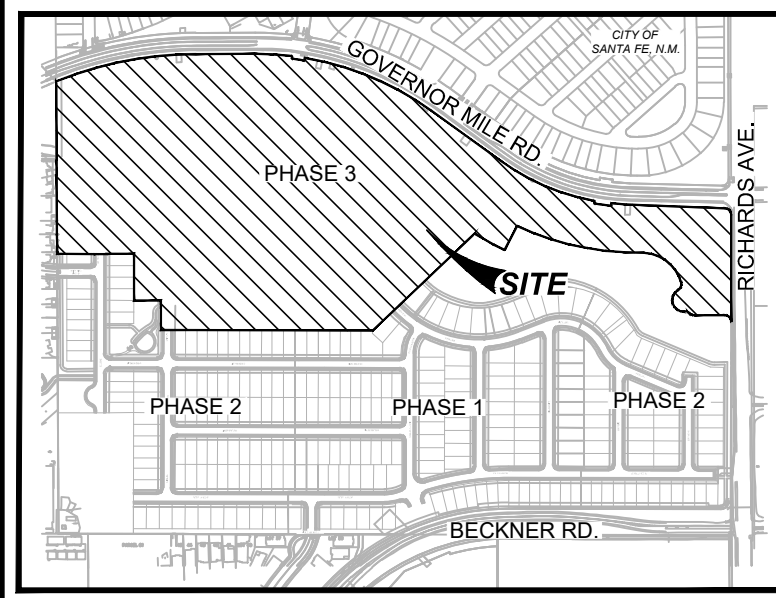


VISTAS DE LA SIERRA SUBDIVISION - PHASE 3
SANTA FE, NM

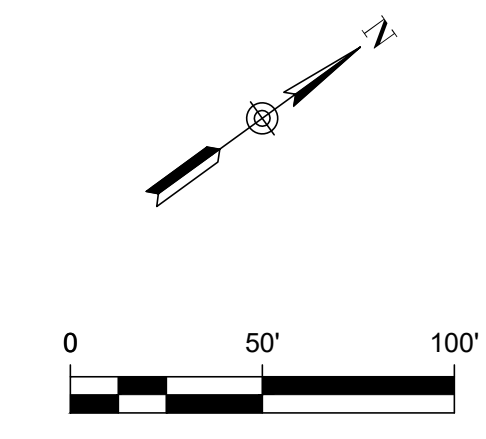
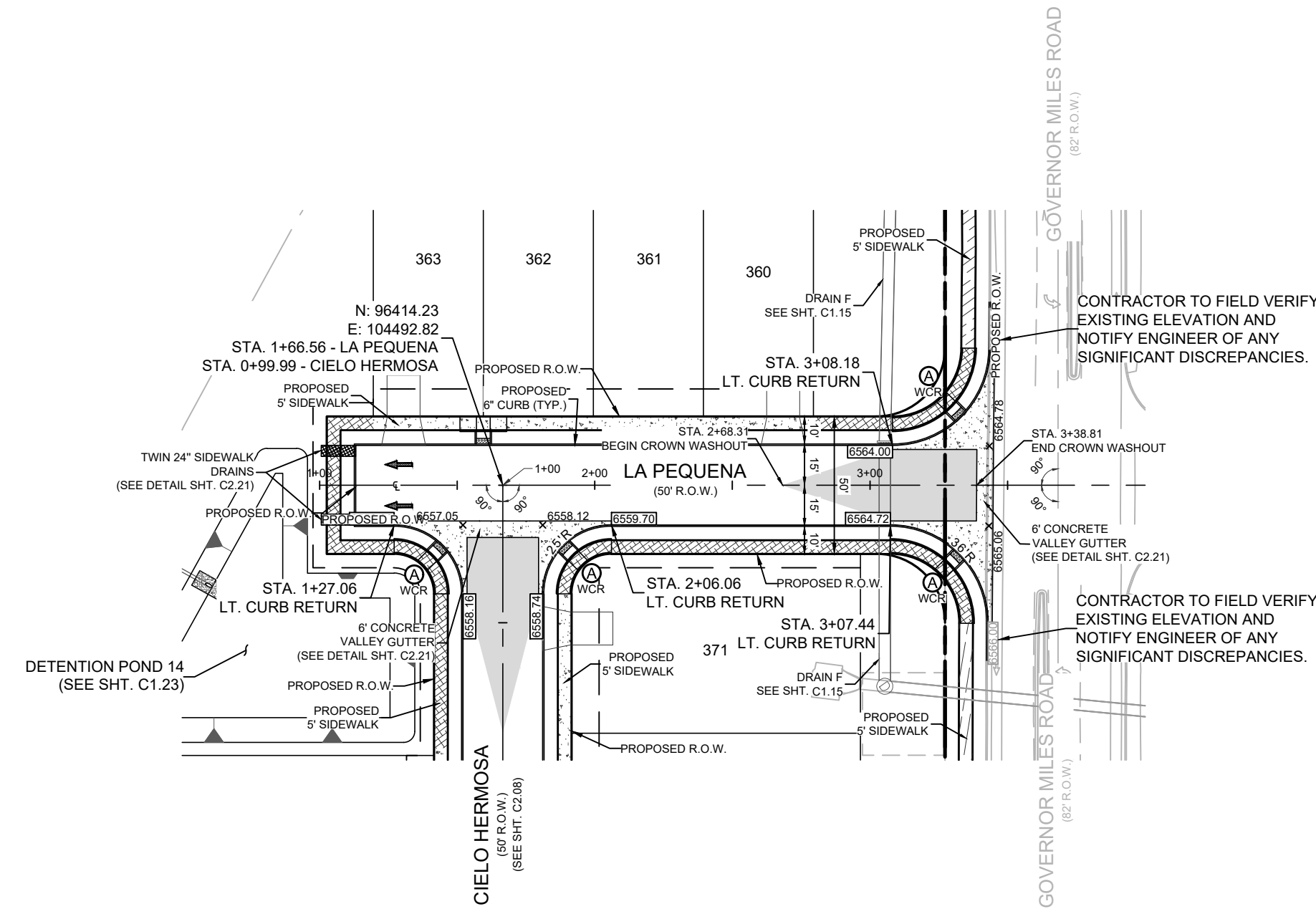
VIDA PRIVADA - STA. 1+00.00 TO 5+24.72

DESIGNED BY: JWS
DRAWN BY: JWS
DATE: 5/12/2025
JOB NO.: 05004
SHEET NO.

C2.06



LOCATION MAP
NOT-TO-SCALE

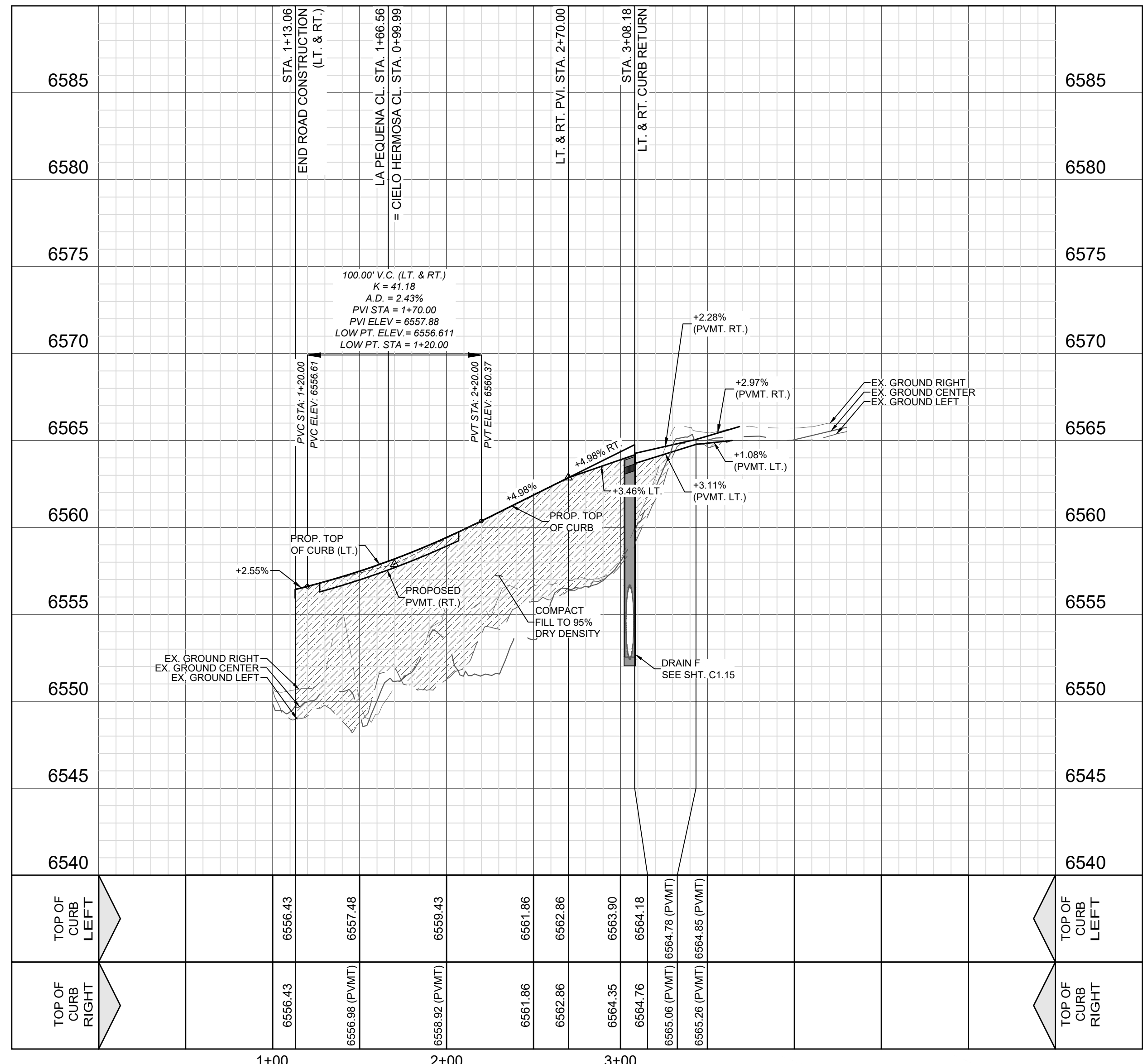


LEGEND (STREET)	
	PROJECT LIMITS
	EXISTING CONTOUR
	PROPOSED CONTOUR
	WHEELCHAIR RAMP TYPE
	POINT OF CURVATURE
	POINT OF TANGENCY
	DRAINAGE FLOW ARROW
	TOP OF CURB ELEVATION
	PAVEMENT ELEVATION
	CROWN WASHOUT
	DRIVEWAY (DEVELOPER RESPONSIBILITY)
	SIDEWALK (HOMEOWNER RESPONSIBILITY)

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**LA PEQUENA
STA. 1+00.00 TO 3+08.18**

VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 50'



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REV	DATE	DESCRIPTION

5/12/2025

VANCE L WEINAND
NEW MEXICO
29907
Professional Engineer

Vance Weynand

DHI Engineering, LLC.
419 ANTONIO LOOP EAST
SANTA FE, NM 87507
(505) 426-2988 | dhiengineering.com
TBPE REG. NO. F-195661

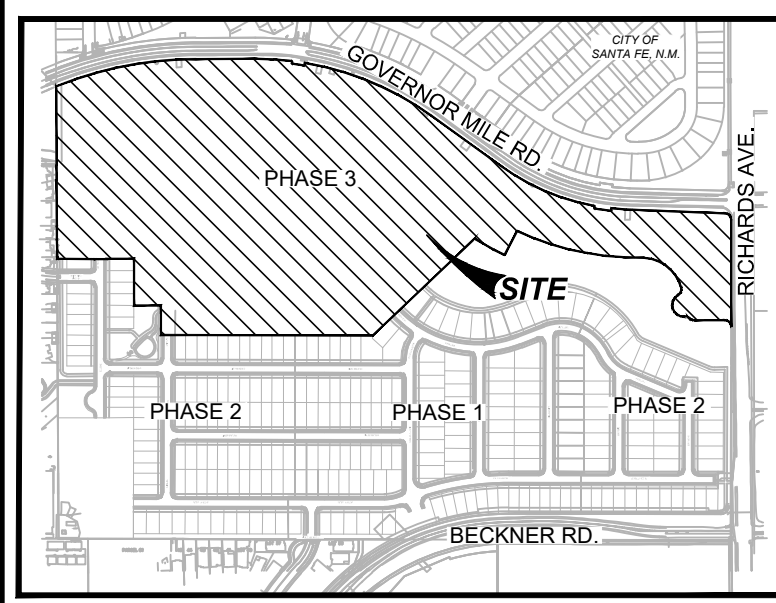
DHI

VISTAS DE LA SIERRA SUBDIVISION - PHASE 3
SANTA FE, NM

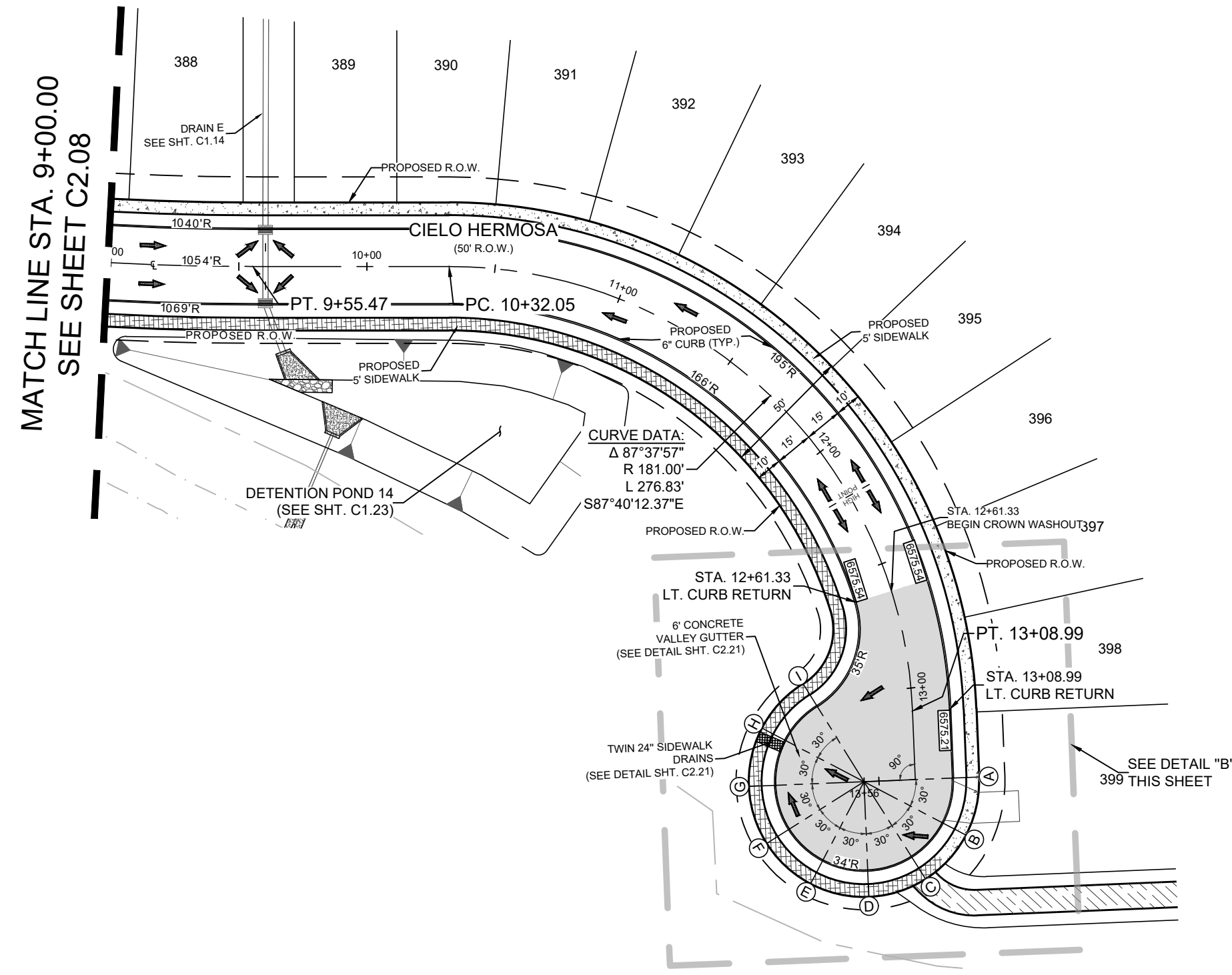
LA PEQUENA - STA. 1+00.00 TO 3+08.18

DESIGNED BY: JWS
DRAWN BY: JWS
DATE: 5/12/2025
JOB NO.: 05004
SHEET NO. **C2.07**

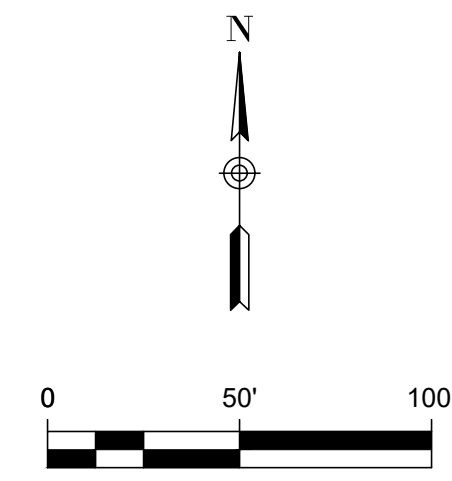
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LOCATION MAP
NOT-TO-SCALE

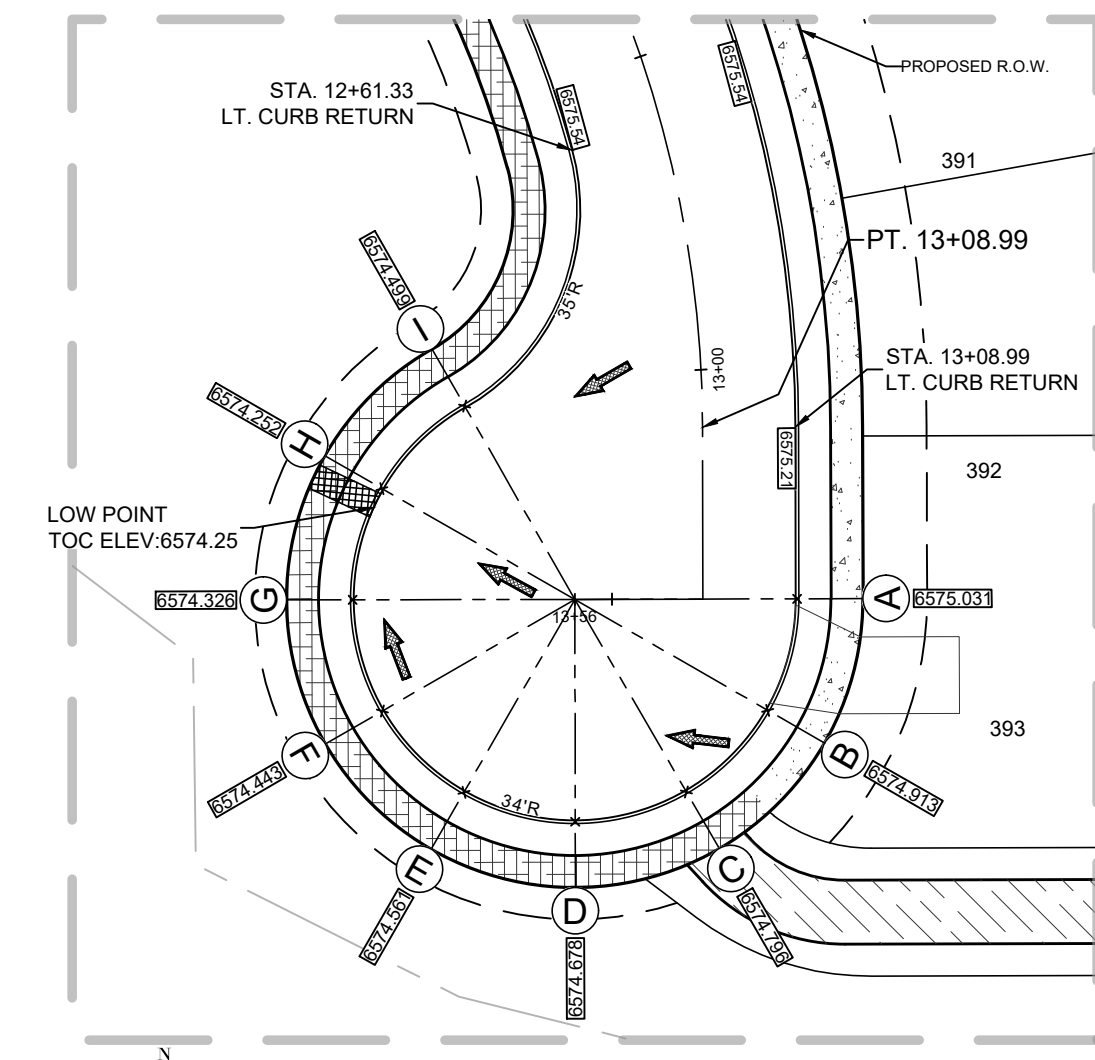
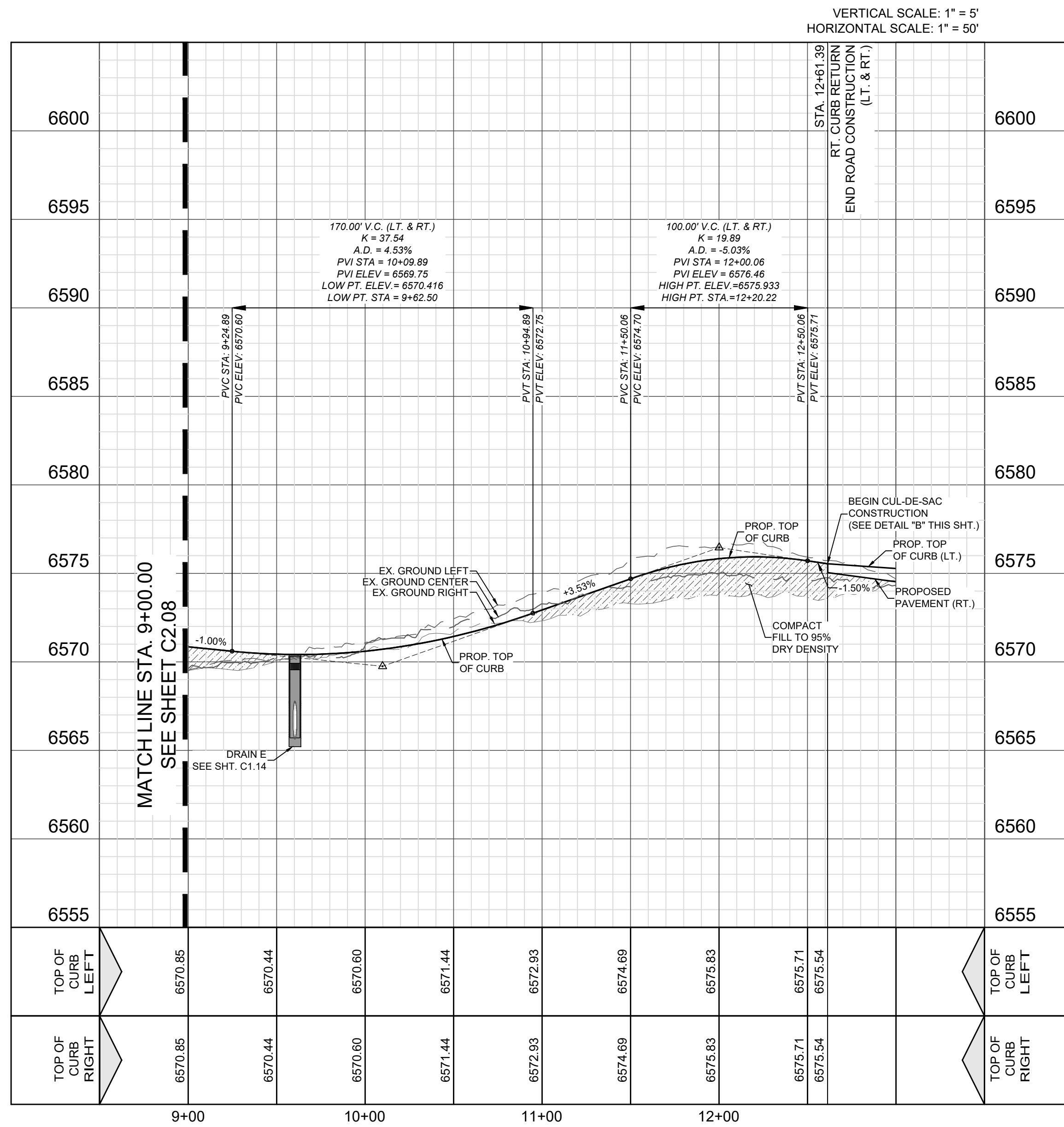


CIELO HERMOSA
STA. 9+00.00 TO 12+61.33



LEGEND (STREET)	
	PROJECT LIMITS
	EXISTING CONTOUR
	PROPOSED CONTOUR
	WHEELCHAIR RAMP TYPE
	POINT OF CURVATURE
	POINT OF TANGENCY
	DRAINAGE FLOW ARROW
	TOP OF CURB ELEVATION
	PAVEMENT ELEVATION
	CROWN WASHOUT
	DRIVEWAY (DEVELOPER RESPONSIBILITY)
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Point Table

Point	Top of Curb Elevation	Northing	Easting
A	6575.031	95864.8269	105525.7867
B	6574.913	95847.4173	105521.1624
C	6574.796	95834.6947	105508.4419
D	6574.678	95830.0621	105491.0618
E	6574.561	95834.7227	105473.6963
F	6574.443	95847.4350	105460.9811
G	6574.326	95864.8068	105456.3517
H	6574.252	95882.1816	105460.9715
I	6574.499	95895.0385	105473.9191

VISTAS DE LA SIERRA SUBDIVISION - PHASE 3
SANTA FE, NM
CIELO HERMOSA - STA. 9+00.00 TO 12+61.33

DESIGNED BY: JWS
DRAWN BY: JWS
DATE: 5/12/2025
JOB NO.: 05004
SHEET NO.

C2.09

5/12/2025
VANCE L WEYMOND
NEW MEXICO
29907
PROFESSIONAL ENGINEER
Vance Weymond

DHI Engineering, LLC.
4119 ANTELOPE LOOP EAST
SANTA FE, NM 87507
(505) 426-2988 | dhiengineering.com
T.B.P.E. REG. NO. F-19561



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DHI ENGINEERING, LLC

DRAINAGE FACILITIES MAINTENANCE NOTE

- ALL DRAINAGE FACILITIES SHALL BE MAINTAINED BY ALL PROPERTY OWNERS.
- INSPECTIONS SHALL BE CONDUCTED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NEW MEXICO OR OTHER QUALIFIED PERSON. INSPECTIONS SHALL BE CONDUCTED ON THE DRAINAGE FACILITIES IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:
- ON OR ABOUT MARCH 15, ON OR ABOUT SEPTEMBER 15, AND AFTER EACH STORM EVENT OF 1-INCH OR GREATER, MAINTENANCE OF THE DRAINAGE FACILITIES SHALL BE CONDUCTED AND DOCUMENTED BY THE ENGINEER AND THE OWNER. THE OWNER SHALL MAINTAIN A FILE OF THE INSPECTIONS AND REMEDIAL ACTION CONDUCTED ON THE DRAINAGE FACILITIES.
- WORK SHALL BE CONDUCTED IN ACCORDANCE WITH THE ENGINEER'S RECOMMENDATIONS, AND SHALL INCLUDE, BUT IS NOT LIMITED TO THE FOLLOWING:
 - FLUSH ALL CULVERTS, DROP INLETS AND DRAINAGE PIPES TO REMOVE SEDIMENT AND VEGETATION THAT PREVENTS OR HINDERS THE FLOW OF STORM WATER IN THE DRAINAGE STRUCTURE(S).
 - REMOVE SEDIMENT IN PONDS THAT IS GREATER THAN 6-INCHES IN DEPTH, AND IF NECESSARY, RESEED WITH NATIVE GRASSES AND INSTALL FILTER FABRIC AND 3 TO 4 INCH COBBLE AS DIRECTED BY THE ENGINEER.
 - INSPECT FOR SEDIMENTATION IN ALL SWALES, DITCHES, DRAINAGE PONDS AND REMOVE AND STABILIZE AS NECESSARY.
 - INSPECT FOR SOIL EROSION AT ALL DRAINAGE PONDS, CUT AND FILL SLOPES, AND REPAIR OR STABILIZE ACCORDINGLY.
 - INSPECT THE STRUCTURAL INTEGRITY OF DRAINAGE PONDS, SLOPES, RIP-RAP, GABIONS, DROP INLETS, CULVERTS, ENERGY DISSIPATORS, AND RETAINING WALLS, ROCK PLATING, EROSION CONTROL MATS OR BLANKETS, AND REPAIR OR STABILIZE ACCORDINGLY.
- CHECK THE DEPTH OF SEDIMENT IN PONDS USING THE POND POST AND STAFF GAGE INSTALLED IN EACH POND. REMOVE SEDIMENT IN PONDS THAT IS GREATER THAN 6-INCHES IN DEPTH.

GUNNISON'S PRAIRIE DOG NOTE

- THE PROJECT SHALL COMPLY WITH THE PROVISIONS OF THE GUNNISON'S PRAIRIE DOG ORDINANCE (ARTICLE 14-8.12).

DUST CONTROL NOTE

ALL ON-SITE SOIL DISTURBING CONSTRUCTION ACTIVITIES SHALL BE ADDRESSED AND PROVIDE MEASURES TO MITIGATE OR CONTROL DUST FROM BEING TRANSPORTED OFFSITE AND POLLUTING NEIGHBORING PROPERTIES.

ANY PERSON, OWNER, CONTRACTOR OR OPERATOR WHO CONDUCTS EARTHMOVING AND/OR DUST GENERATING ACTIVITIES IS RESPONSIBLE FOR IMPLEMENTING BEST MANAGEMENT PRACTICES (BMPs) IN ORDER TO MITIGATE OFF-PROPERTY TRANSPORT OF FUGITIVE DUST EMISSIONS.

A PLAN, OR STORM WATER PREVENTION PLAN (SWPPP) WHEN APPLICABLE, LISTING THE BEST MANAGEMENT PRACTICES (BMPs), SHALL BE PROVIDED TO THE CITY ENGINEER, OR THEIR DESIGNER FOR REVIEW AND APPROVAL. THE APPROVED BMPs SHALL BE APPLIED TO THE GRADED AND/OR DISTURBED SOIL IN ORDER TO STABILIZE THE SITE. THE INITIAL BMP SHALL ADDRESS HOW THE CONTRACTOR WILL MINIMIZE THE AMOUNT OF DISTURBED SOIL, AND HOW THE CONTRACTOR WILL STABILIZE THE DISTURBED SURFACE AREA EXPOSED TO WIND OR VEHICLE TRAFFIC DURING CONSTRUCTION. SOME BMPs SHALL INCLUDE:

- THE REDUCTION OF VEHICLE SPEEDS: ESTABLISH A MAXIMUM SPEED LIMIT OR INSTALL TRAFFIC CALMING DEVICES TO REDUCE SPEEDS TO A RATE TO MITIGATE OFF-PROPERTY TRANSPORT OF DUST ENTRAINED BY VEHICLES.
- THE MINIMIZATION OF DROP HEIGHT: DRIVERS AND OPERATORS SHALL UNLOAD TRUCK BEDS AND LOADER OR EXCAVATOR BUCKETS SLOWLY, AND MINIMIZE DROP HEIGHT OF MATERIALS TO THE LOWEST HEIGHT POSSIBLE, INCLUDING SCREENING OPERATIONS.
- HIGH WINDS RESTRICTION: TEMPORARILY HALT WORK ACTIVITIES DURING HIGH WIND EVENTS GREATER THAN 30 MPH IF OPERATIONS WOULD RESULT IN OFF-PROPERTY TRANSPORT.
- RESTRICT ACCESS: RESTRICT ACCESS TO THE WORK AREA TO ONLY AUTHORIZED VEHICLES AND PERSONNEL.

IN THE EVENT THE ABOVE PRACTICES ARE INEFFECTIVE TO PREVENT OFF PROPERTY TRANSPORT, THE OWNER OR OPERATOR SHALL USE AT ONE OR MORE OF THE FOLLOWING BEST MANAGEMENT PRACTICES (BMPs):

- WET SUPPRESSION: APPLY WATER TO DISTURBED SOIL SURFACES, BACKFILL MATERIALS, SCREENINGS, AND OTHER DUST GENERATING OPERATIONS AS NECESSARY AND APPROPRIATE CONSIDERING CURRENT WEATHER CONDITIONS, AND PREVENT WATER USED FOR DUST CONTROL FROM ENTERING ANY PUBLIC RIGHT-OF-WAY, STORM WATER DRAINAGE FACILITY, OR WATERCOURSE.
- WIND BARRIER: CONSTRUCT A FENCE OR OTHER TYPE OF WIND BARRIER TO PREVENT WIND EROSION OF THE GRADED OR DISTURBED SURFACE.
- VEGETATION: PLANT VEGETATION APPROPRIATE FOR RETAINING SOILS OR CREATING A WIND BREAK.
- SURFACE ROUGHENING: STABILIZE AN ACTIVE CONSTRUCTION AREA DURING PERIODS OF INACTIVITY OR WHEN VEGETATION CANNOT BE IMMEDIATELY ESTABLISHED.
- COVER: INSTALL COVER MATERIALS SUCH AS TACKIFIERS, EROSION CONTROL BLANKETS, GRAVEL, VEGETATION (WHEN APPROPRIATE), COLD-MILLINGS, ETC. DURING PERIODS OF INACTIVITY AND PROPERLY ANCHOR THE COVER.
- SOIL RETENTION: STABILIZE DISTURBED OR EXPOSED SOIL SURFACE AREAS THAT WILL BE INACTIVE FOR MORE THAN 30 DAYS OR WHILE VEGETATION IS BEING ESTABLISHED.

TRAFFIC CONTROL PLAN

CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLAN PREPARED BY A LICENSED PROFESSIONAL ENGINEER FOR ALL CONSTRUCTION IMPACTING GOVERNOR MILES ROAD, RICHARDS AVENUE AND BECKNER ROAD. PLAN TO BE SUBMITTED AND APPROVED BY CITY PRIOR TO START OF CONSTRUCTION.

CITY OF SANTA FE PUBLIC INFRASTRUCTURE GENERAL CONSTRUCTION NOTES

- ALL THE CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE CITY OF SANTA FE STANDARD DRAWINGS AND SPECIFICATIONS AS APPLICABLE.
- UTILITY CONSTRUCTION SHALL CONFORM TO APPLICABLE SECTIONS OF THE APWA'S "NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION," 1987 EDITION INCLUDING LATEST PUBLISHED AMENDMENTS.
- INFRASTRUCTURE CONSTRUCTION SHALL CONFORM TO APPLICABLE SECTIONS OF THE NEW MEXICO DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION," 2000 EDITION (SSHB).
- THE ORDER OF PRECEDENCE SHALL BE LISTED IN ORDER OF HIGHEST PRECEDENCE, SHALL BE PROJECT SPECIFICATIONS, PLANS, CITY OF SANTA FE STANDARD DRAWINGS, APWASS, AND SSHB.
- IN THE CASE OF CONFLICTS BETWEEN PLANS AND SPECIFICATIONS RESOLUTION SHALL BE BY USING THE MORE RESTRICTIVE REQUIREMENT AS DETERMINED BY THE PROJECT ENGINEER AND APPROVED BY CITY PLANNING AND LAND LAND USE DEPARTMENT'S PERMIT AND DEVELOPMENT REVIEW DIVISION TECHNICAL REVIEW STAFF (P&DR).
- THE PROJECT PLANS SHALL BE APPROVED FOR CONSTRUCTION BY THE P&DR'S ENGINEERING SUPERVISOR PRIOR TO ANY CONSTRUCTION ACTIVITY AND SCHEDULING A PRE-CONSTRUCTION MEETING. THE ENGINEERING SUPERVISOR MAY, BY WRITTEN AUTHORIZATION, DESIGNATE OTHERS TO ADMINISTER DUTIES DESCRIBED HEREIN.
- THE CONSTRUCTION PROJECT ENGINEER SHALL BE A NEW MEXICO LICENSED PROFESSIONAL ENGINEER IN THE APPROPRIATE CATEGORY FOR THE TYPE OF WORK REPRESENTED BY THE PROJECT PLANS. THE PROJECT ENGINEER SHALL ARRANGE FOR A PRE-CONSTRUCTION MEETING PRIOR TO THE START OF CONSTRUCTION OR MOBILIZATION OF EQUIPMENT ON-SITE. AT THE PRE-CONSTRUCTION MEETING, THE PROJECT MANGER SHALL SUBMIT A LETTER PROVIDING THE NAME(S) OF SPECIFIC INDIVIDUALS WHO WILL BE PERFORMING WHAT TYPE OF INSPECTIONS AND RESPECTIVE TELEPHONE CONTACT NUMBER(S); 6885 TO SCHEDULE THE PRE-CONSTRUCTION MEETING A MINIMUM OF 10 CALENDAR DAYS IN ADVANCE OF THE MEETING DATE.
- ATTENDANCE AT THE PRE-CONSTRUCTION MEETING IS MANDATORY FOR THE PROJECT ENGINEER (WHO SHALL CONDUCT THE MEETING), CONTRACTOR, P&DR TECHNICAL REVIEW STAFF, AND APPLICABLE STAFF FROM CITY STREET, WATER, AND WASTEWATER MANAGEMENT DIVISIONS. THE OWNER AND SUB-CONTRACTORS ARE ENCOURAGED TO ATTEND. AT THIS MEETING, A SPECIFIC P&DR STAFF MEMBER WILL BE ASSIGNED AS THE POINT OF CONTACT WITH THE CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE A LIST OF CONTACT PERSONNEL RESPONSIBLE FOR SITE CONSTRUCTION INCLUDING POSITION, TELEPHONE NUMBERS, AND AT LEAST ONE EMERGENCY TELEPHONE NUMBER ACTIVE ON A 24-HOUR BASIS.
- AN EPA NOTICE OF INTENT (NOI) IS APPLICABLE, A COPY OF THE MAILED PERMIT APPLICATION SHALL BE PRESENTED AT THE TIME OF THE PRE-CONSTRUCTION MEETING ALONG WITH A WRITTEN STATEMENT GIVING THE MAILING DATE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF ALL UNDERGROUND UTILITIES DURING THE COURSE OF THE WORK REGARDLESS OF ANY LOCATION SHOWN ON THE PLANS OR OTHER FIELD EVIDENCE, OR LACK THEREOF. NOTIFICATION TO NEW MEXICO ONE CALL AT 1-800-321-2537 FOR UTILITY LOCATES A MINIMUM OF 48 HOURS IN ADVANCE OF ANY EXCAVATION REQUIRED. MAINTENANCE OF UTILITY LOCATES SHALL BE CONTINUED THROUGHOUT THE PROJECT LIFE.
- THE OWNER SHALL BE RESPONSIBLE FOR ALL CHANGES IN CONSTRUCTION DEEMED NECESSARY FOR ANY REASON SHALL HAVE APPROPRIATE PLANS AND/OR SPECIFICATIONS, INCLUDING APPLICABLE DESIGN CRITERIA, PREPARED BY A NEW MEXICO PROFESSIONAL ENGINEER AND SUBMITTED TO THE CITY ENGINEERING SUPERVISOR FOR APPROVAL. UPON APPROVAL, SAID CHANGES MAY BE INCORPORATED INTO THE PROJECT LIFE.
- FINAL RECORD DRAWINGS, REFLECTING SUBSTANTIAL CHANGES TO THE ORIGINAL DESIGN DRAWINGS, SHALL BE SUBMITTED BY THE OWNER'S ENGINEER FOR APPROVAL TO THE ENGINEERING SUPERVISOR FOR PERMANENT FILING IN THE CITY PLANNING DEPARTMENT. SAID PLANS SHALL BE APPROVED BY APPLICABLE CITY DIVISIONS PRIOR TO FINAL ACCEPTANCE OF PROJECT WORK FOR MAINTENANCE RESPONSIBILITY AND THE BEGINNING OF THE WARRANTY PERIOD. UNDER NO CIRCUMSTANCES WILL PARTIAL ACCEPTANCE AND/OR WARRANTY COMMENCEMENT BEGIN FOR ANY COMPONENT OF PROJECT SCOPE BE PROVIDED.
- CURB CUTS SHOWN IN THE ORIGINAL ORIGINAL, APPROVED CONSTRUCTION DRAWINGS WILL REQUIRE A "CURB CUT PERMIT" ISSUED BY THE CITY TRAFFIC ENGINEER PRIOR TO CONSTRUCTION. CURB CUTS FOUND TO BE NECESSARY THAT WERE NOT INCLUDED IN THE ORIGINAL, APPROVED CONSTRUCTION DRAWINGS WILL REQUIRE A CHANGE ORDER THAT INCLUDES A "CURB CUT PERMIT" FROM THE CITY TRAFFIC ENGINEER. CALL 505-955-6646 FOR INFORMATION.
- PARALLEL WATER AND SANITARY SEWER (SAS) UTILITIES SHALL HAVE A MINIMUM HORIZONTAL SPACING OF 10 FEET AND VERTICAL SPACING OF 3 FEET WHEREIN THE WATER LINE IS ABOVE THE SAS LINE. INSTALLATION WILL BE IN SEPARATE TRENCHES, SHOULD ENCOUNTERED FIELD CONDITIONS EXIST THAT PREVENT MAINTAINING THESE SEPARATION DISTANCES AND RELATIONSHIP, A CHANGE ORDER SHALL BE INITIATED THAT PROVIDES FOR ALTERNATIVE PROTECTIVE MEASURES AND SUBMITTED FOR APPROVAL TO THE ENGINEERING SUPERVISOR VIA THE CITY WATER AND WASTEWATER MANAGEMENT DIVISIONS.
- SANITARY SEWER LATERAL CONSTRUCTION MUST BE CONSTRUCTED UNDER SEPARATE PERMIT (SECONDARY) FOR SAS HOOKUP. THE CONTRACTOR SHALL OBTAIN THE PERMIT(S) PRIOR TO ANY CONSTRUCTION AND MUST BE OBTAINED AT THE PERMIT DESK AT CITY HALL, PROVIDING STREET ADDRESS FOR EACH HOOKUP. UPON PAYMENT OF FEE(S), THE PERMIT FORM WILL BE IMMEDIATELY GENERATED WHICH SHALL BE KEPT ON-SITE. CALL 505-955-6948 FOR PERMIT INFORMATION AND 505-955-6646 FOR INSPECTION OF EACH VISIBLE, CONNECTED LATERAL.
- ALL CONTRACTOR WORK ACTIVITY SHALL BE CONFINED TO THE CONSTRUCTION LIMITS OF THE PROJECT. THERE SHALL BE NO ENCROACHMENT ON TO ADJACENT PROPERTIES, EITHER FOR CONSTRUCTION OR MARSHALLING YARD(S) UNLESS LEGAL EASEMENT(S) AGREEMENT(S) IS/ARE EXECUTED AND APPROVED BY THE ENGINEERING SUPERVISOR.
- GRADING SHALL BE COMPLETED UNDER THE AUTHORITY OF A BUILDING PERMIT, THE APPLICATION OF WHICH SHALL SHOW THE TYPE OF WORK AS "OTHER" WITH THE NOTATION OF GRADING, LANDSCAPING, AND INFRASTRUCTURE SHOWN THEREON. CALL 505-955-6948 FOR PERMIT INFORMATION.
- ALL CUT AND FILL SLOPES, INCLUDING SETBACK REQUIREMENTS, SHALL CONFORM TO THE REQUIREMENTS OF:
 - A. SANTA FE CITY CODE'S ARTICLE 14-8 (DEVELOPMENT AND DESIGN STANDARDS);
 - B. CHAPTER 33 OF THE UNIFORM BUILDING CODE, 1997 EDITION UNLESS OTHERWISE NOTED ON THE APPROVED CONSTRUCTION PLANS; AND
 - C. IN THE CASE OF CONFLICT BETWEEN THESE TWO SPECIFICATIONS, CITY CODE SHALL PREVAIL.
- THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES TO PUBLIC OR PRIVATE PROPERTY, INCLUDING UTILITIES.
- MATERIAL QUALITY TESTING SHALL BE COMPLETED BY THE OWNER, THROUGH A RECOGNIZED TESTING LABORATORY. THE LABORATORY SHALL BE UNDER THE AUSPICES OF A NEW MEXICO PROFESSIONAL ENGINEER.

- ALL MATERIAL QUALITY TEST REPORTS SHALL BE PROVIDED DIRECTLY TO THE CITY PLANNING DEPARTMENT, ATTENTION PERMITS AND DEVELOPMENT REVIEW DIVISION AT P.O. BOX 909, SANTA FE, NEW MEXICO 87504-0909 WITHIN SEVEN (7) CALENDAR DAYS AFTER LABORATORY MATERIAL TESTING IS COMPLETE. FIELD TEST REPORTS SHALL BE PROVIDED DIRECTLY TO THE P&DR STAFF ABSENCE, THE REPORTS SHALL BE FAXED TO 505-955-6829. IN EACH CASE, ALL TEST REPORTS AND OTHER COMMUNICATION SHALL CARRY THE APPLICABLE P&DR CASE AND BUILDING PERMIT PROJECT NUMBERS WHICH WILL BE PROVIDED AT THE PRE-CONSTRUCTION MEETING.
- PORTLAND CEMENT CONCRETE (PCC) PROPOSED TO BE USED FOR THE PROJECT SHALL CONFORM TO A MIX DESIGN PREPARED BY A NEW MEXICO PROFESSIONAL ENGINEER. THE DESIGN SHALL BE PROVIDED TO P&DR STAFF FOR APPROVAL A MINIMUM OF 14 CALENDAR DAYS PRIOR TO SCHEDULING THE INITIAL CASTING OPERATION OR, ALTERNATIVELY, THE PROJECT PLANS SHALL DEFINE A SPECIFIC MIX HAVING A PRIOR APPROVAL BY P&DR. EACH MIX SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:
 - COMPRESSIVE STRENGTH OF 4,000 PSI IN 28 CALENDAR DAYS
 - SEVEN (7.0) BAGS OF CEMENTITIOUS MATERIAL PER CUBIC YARD OF CONCRETE
 - TWENTY (20.0) PERCENT OR LESS OF FLY ASH MATERIAL SUBSTITUTION FOR CEMENT
 - MAXIMUM AGGREGATE SIZE OF 3/4"
 - AIR ENTRAINMENT CONTENT RANGING BETWEEN 4.0 AND 7.0 PERCENT AT THE POINT OF CONCRETE DELIVERY INTO FORMS
- CONCRETE SAMPLE SET SHALL CONSIST OF A MINIMUM THREE (3) CYLINDERS. ONE SAMPLE SET SHALL BE OBTAINED FOR EACH 500 LINEAR FEET CAST, 50 CAST CUBIC YARDS, OR ONE (1) SET PER CALENDAR DAY, WHICHEVER IS GREATEST. CYLINDERS SHALL BE TESTED AT 7, 28, AND 56 DAY INTERVALS; THE 56 DAY INTERVAL NEED NOT BE TESTED IF ANY PREVIOUS TEST RESULT EXCEEDS THE DESIGN VALUE.
- TRAFFIC CONTROL DEVICES, AS PER APPROVED PLAN, SHALL BE INSTALLED, MAINTAINED, AND REMOVED BY THE CONTRACTOR. SAID DEVICES SHALL CONFORM TO THE LATEST PUBLISHED EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND TO WRITTEN DIRECTION FROM THE CITY TRAFFIC ENGINEER WHO MAY BE REACHED AT 505-955-6619.
- SOIL EROSION AND/OR SEDIMENT CONTROL, AS PER APPROVED PLAN, SHALL BE INSTALLED, MAINTAINED, AND REMOVED BY THE CONTRACTOR, THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE SSHB'S SECTION 603 FOR OTHER REQUIREMENTS RELATING TO DUST ABATEMENT AND SIMILAR ISSUES.
- UTILITY LINES MUST BE BORED UNDER ALL EXISTING STREET PCC STREET APPURTENANCES, A MINIMUM OF 12" SEPARATION MUST BE MAINTAINED BETWEEN UTILITY LINES, ANY CURB, GUTTER, OR OTHER DAMAGE MUST BE REPAIRED BEFORE FINAL INSPECTION WILL BE GIVEN.
- EACH CITY UTILITY DIVISION SHALL PROVIDE A LETTER OF COMPLETED INSTALLATION, NOT NECESSARILY ACCEPTED FOR WARRANTY, AT THE CONTRACTOR'S REQUEST. SAID LETTERS SHALL BE PROVIDED TO THE P&DR STAFF AND RECEIVED WRITTEN STAFF ACCEPTANCE PRIOR TO SCHEDULING EITHER TV INSPECTION OF SAS AND STORM SEWER LINES OR PLACEMENT OF ROADWAY PAVEMENT MATERIAL.
- ASTM, ASHTO, OR INDEPENDENT LABORATORY CERTIFICATES OF MATERIAL COMPLIANCE ARE TO BE PROVIDED TO P&DR STAFF PRIOR TO BRINGING APPLICABLE MATERIAL ON SITE.
- AGGREGATE BASE COURSE MATERIAL SHALL CONFORM TO THE SSHB'S SECTION 304 USING GRADATION I.
- HOT MIX ASPHALT (HMA) PROPOSED TO BE USED FOR THE PROJECT SHALL CONFORM TO A MIX DESIGN PREPARED BY A NEW MEXICO PROFESSIONAL ENGINEER CONFORMING TO SSHB'S SECTION 420 USING AGGREGATE CLASSIFICATION(S) CALLED FOR IN THE PROJECT PLANS. THE DESIGN SHALL BE PROVIDED TO P&DR STAFF FOR APPROVAL. A MINIMUM OF 14 CALENDAR DAYS PRIOR TO SCHEDULING THE INITIAL PAVING OPERATION PR, ALTERNATIVELY, THE PROJECT PLANS SHALL DEFINE A SPECIFIC MIX HAVING A PRIOR APPROVAL BY P&DR.
- COMPACTION TESTING OF SUBGRADE, AGGREGATE BASE COURSE, AND EACH LIFT OF PMPB MATERIAL SHALL BE COMPLETED FOR EVERY 100 LINEAR FEET OF ROADWAY LENGTH EXCEPTING FOR HMA MATERIAL IN WHICH CASE PROVIDE ONE (1) TEST FOR EVERY 100 LINEAR FEET OF LAYDOWN MACHINE PASS.
- HMA MATERIAL QUALITY TEST QUALITY TEST SAMPLES (WET) SHALL BE OBTAINED AND TESTED FOR EVERY 500 TONS OR FRACTION THEREOF OR ONE (1) SAMPLE PER DAY.
- UTILITY APPURTENANCE SUCH AS TELEPHONE PEDESTALS, ELECTRICAL TRANSFORMERS, GAS, AND CABLE TV PEDESTALS SHALL BE PLACED OUTSIDE THE PUBLIC RIGHT-OF-WAY AND WITHIN UTILITY EASEMENTS. THE OWNER IS RESPONSIBLE FOR RELOCATING MIS-PLACED UTILITY STRUCTURES PRIOR TO REQUESTING A PRE-FINAL INSPECTION. WATER METER BOXES AND FIRE HYDRANTS MAY BE PLACED BETWEEN THE SIDEWALK AND CURB. WATER VALVE AND METER BOXES ARE NOT TO BE PLACED WITHIN MAINTENANCE AREAS OF SEMI-IMPROVED (GRAVEL OR EQUAL) ROADS.
- CONSTRUCTION DEBRIS AND/OR EXCESS MATERIAL SHALL BE STORED IN AN ON-SITE AREA AND APPROPRIATELY CONTAINED. SAID DEBRIS SHALL NOT BE A NUISANCE TO THE SURROUND NEIGHBORHOOD. DISPOSAL OF DEBRIS SHALL BE EITHER WITHIN THE CITY LIMITS UNDER SEPARATE GRADING PERMIT OR AT A DESIGNATED NMEED APPROVED DISPOSAL SITE. CONTRACTOR SHALL PROVIDE WRITTEN NOTICE AS TO PROPOSED DEBRIS DISPOSAL SITE LOCATION(S). ALL DEBRIS AND/OR EXCESS MATERIAL SHALL BE REMOVED FROM THE SITE PRIOR TO SCHEDULING A PRE-FINAL INSPECTION WITH P&DR STAFF.
- THE CONTRACTOR SHALL MAKE A WRITTEN REQUEST FOR A PRE-FINAL INSPECTION OF TERRAIN MANAGEMENT AND INFRASTRUCTURE WORKS A MINIMUM OF 14 CALENDAR DAYS IN ADVANCE WITH P&DR STAFF. AT THIS INSPECTION, APPLICABLE CITY DIVISION STAFF WILL REVIEW THE FINAL WORK PRODUCT. ANY DEFICIENCIES WILL BE NOTED IN A "PUNCHLIST" AND PROVIDED TO THE CONTRACTOR FOR CORRECTION. WHEN ALL PUNCHLIST ITEMS ARE COMPLETED THE CONTRACTOR SHALL FILE A WRITTEN STATEMENT TO THAT EFFECT AND A FINAL INSPECTION WILL BE HELD BY P&DR STAFF. UPON "ACCEPTANCE," AN ACCEPTANCE LETTER WILL BE PROVIDED WHEREIN ALL WORK WILL BE ACCEPTED FOR MAINTENANCE BY THE CITY AND THE COMMENCEMENT OF THE WARRANTY PERIOD INITIATED.
- THE R-VALUE FOR THIS PROJECT SHALL NOT BE LESS THAN 50.

SANITARY SEWER GENERAL NOTES

- REPLACEMENT OF GRINDER PUMPS FOR INDIVIDUAL LOTS SHALL BE THE RESPONSIBILITY OF THE LOT OWNER AND/OR OWNERS ASSOCIATION. FOR GRINDER PUMPS THAT CONNECT TO A PRESSURE SEWER MAIN, THE GRINDER PUMP WILL BE A MODEL MANUFACTURED BY ENVIRONMENT-ONE OR A TYPE APPROVED BY THE CITY OF SANTA FE WASTEWATER MANAGEMENT DIVISION. FOR GRINDER PUMPS THAT CONNECT TO A GRAVITY MAIN, THE GRINDER PUMP SHALL BE A TYPE APPROVED BY THE CITY OF SANTA FE PLUMBING CODE.
- A MINIMUM OF 12 INCHES OF VERTICAL CLEARANCE SHALL BE PROVIDED BETWEEN THE SEWER LINE AND ANY STORM DRAIN PIPING.
- ALL PRESSURE SEWER SYSTEMS SHALL BE AIR OR HYDROSTATICALLY PRESSURE TESTED @ 120 PSI FOR 2 HOURS MINIMUM. THE TEST IS TO BE WITNESSED AND CERTIFIED BY THE PROJECT ENGINEER. PRIOR TO BEING PUT INTO SERVICE AND ACCEPTANCE BY THE CITY OF SANTA FE, ALL PRESSURE SEWER SYSTEM MAIN LINES WILL BE FILLED WITH WATER.
- NO PUBLIC PRESSURE SEWER SYSTEM PIPING MAY BE INSTALLED IN A COMMON TRENCH WITH OTHER UTILITIES.
- SEWER BACKFLOW CHECK VALVES WILL BE REQUIRED FOR ALL SEWER SERVICE LATERAL CONNECTIONS TO SEWER MAINS 12 INCHES OR GREATER IN DIAMETER. THE SEWER SERVICE CONNECTION MUST BE MADE AT AN EXISTING OR NEW MANHOLE. SEWER SERVICE CONNECTIONS TO SEWER MAINS WITH PIPE SIZE DIAMETER OF 12 INCHES AND GREATER WILL NOT BE MADE WITHOUT APPROVAL FROM THE WASTEWATER MANAGEMENT DIVISION.
- SEWER BACKWATER CHECK VALVES SHALL BE REQUIRED ON PRIVATE SEWER SERVICE LATERALS PER THE CITY OF SANTA FE PLUMBING CODE.
- ALL PVC SEWER PIPES THAT ARE INSTALLED AT A DEPTH OF TEN (10) FEET OR GREATER OR AT A SLOPE OF ONE PERCENT (1%) OR LESS SHALL BE SDR 26 PVC PIPE.
- ALL AS-BUILT SEWER LINE AND MANHOLE DATA SHALL BE OBTAINED AND CERTIFIED BY A LICENSED SURVEYOR OR ENGINEER. AS-BUILT DATA SUPPLIED BY OTHER THAN A LICENSED SURVEYOR OR ENGINEER SHALL NOT BE VALID FOR FINAL AS-BUILTS.
- ALL EXISTING AND NEW PUBLIC MANHOLES WITHIN A PROJECT SHALL HAVE ACCESS FOR CITY SEWER MAINTENANCE EQUIPMENT. ALL ACCESS IS SUBJECT TO FIELD VERIFICATION AND MODIFICATION AS REQUIRED BY THE WASTEWATER DIVISION PRIOR TO THE FINAL PROJECT CLOSE OUT WITH THE CITY OF SANTA FE.
- ALL SEWER LINE CROSSINGS OF RIVERS, STREAMS, ARROYOS, DRAINAGE CHANNELS, ETC. SHALL REQUIRE A BASIS OF DESIGN ANALYSIS PREPARED BY A LICENSED ENGINEER.
- AN APPROVED BACKFLOW VALVE AND ISOLATION VALVE ARE REQUIRED ON ALL LOW PRESSURE SEWER SERVICE LINES AS PER THE CITY OF SANTA FE STANDARD SEWER SPECIFICATIONS.
- TERMINAL FLUSHING CONNECTIONS AND IN-LINE FLUSHING CONNECTIONS ARE REQUIRED ON ALL LOW PRESSURE SEWER SYSTEMS. THE MAXIMUM SPACING BETWEEN IN-LINE FLUSHING CONNECTIONS SHALL BE 500 FEET. DISTANCED GREATER THAN 500 FEET BETWEEN LOW PRESSURE SEWER IN-LINE FLUSHING CONNECTIONS SHALL BE APPROVED BY THE WASTEWATER DIVISION.
- ALL SANITARY SEWER MANHOLES FIFTEEN (15) FEET IN DEPTH OF GREATER SHALL BE SIX (6) FOOT DIAMETER.
- PVC SEWER PIPE SHALL BE RAN CONTINUOUS THROUGH MANHOLES WHEN PIPE OF APPROXIMATE EQUAL SLOPES ARE ENTERING AND LEAVING THE MANHOLES.
- ALL NEW CONNECTIONS TO AN EXISTING SANITARY SEWER MANHOLE SHALL INCLUDE THE REHABILITATION REQUIRED TO MEET THE CITY OF SANTA FE WASTEWATER DIVISION STANDARD CONSTRUCTION DETAILS.

AS-BUILT NOTE

THE MANHOLE TO THE CITY OF SANTA FE SURVEY MONUMENT AS A PART OF THE FINAL AS-BUILT PLANS. SHOW AS-BUILT BEARINGS AND DISTANCES ALONG THE HORIZONTAL ALIGNMENT OF THE SANITARY SEWER.

COSFWD WATER NOTES

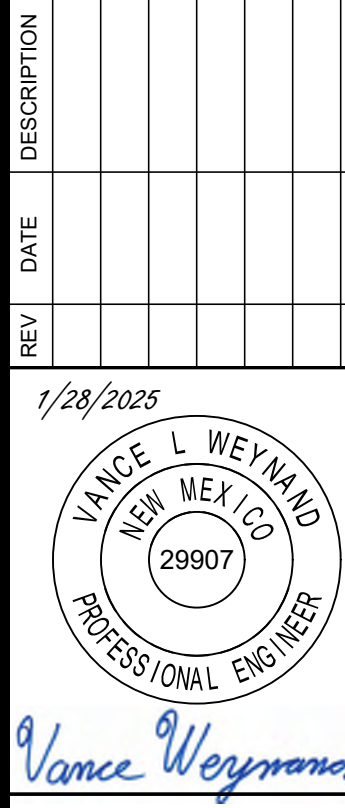
- CONTRACTOR SHALL NOTIFY THE CITY OF SANTA FE WATER DIVISION (COSFWD) FIVE (5) DAYS PRIOR TO COMMENCEMENT OF WORK.
- CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE COSFWD CONSTRUCTION STANDARDS AND SPECIFICATIONS.
- ALL EASEMENTS SHALL BE DEDICATED, CLEARED AND GRADED, AND STAKED PRIOR TO WATER LINE INSTALLATION.
- ALL STREETS SHALL BE CUT TO WITHIN +/- .6" OF FINAL GRADE PRIOR TO WATER LINE INSTALLATION.
- LOT CORNERS SHALL BE STAKED PRIOR TO SERVICE LINE INSTALLATION. CURB, GUTTER AND DRIVEWAY APRON SHALL BE INSTALLED PRIOR TO SERVICE LINE INSTALLATION UNLESS OTHERWISE APPROVED, IN WRITING, BY COSFWD.
- CONTRACTOR (DEVELOPER) SHALL PROVIDE CONSTRUCTION STAKING UTILIZING THE APPROPRIATE RIGHT-OF-WAY MAPS, SIGNED PLANS AND COSFWD DRAWINGS.
- MATERIAL SUBMITTALS SHALL BE APPROVED BY COSFWD PRIOR TO CONSTRUCTION.
- CONTACT NEW MEXICO ONE CALL AT 811, TWO (2) WORKING DAYS IN ADVANCE OF CONSTRUCTION FOR UTILITY SPOTS.
- PRESSURE REGULATORS SHALL BE INSTALLED ON ALL SERVICES DOWNSTREAM FROM THE METER.
- FOUR (4) FEET COVER TO TOP OF PIPE SHALL BE MAINTAINED ON ALL WATER MAINS AND SERVICES.
- CONTRACTOR TO SUBMIT AS-BUILT CONSTRUCTION PACKET WITHIN FIVE (5) DAYS OF COMPLETION OF CONSTRUCTION INCLUDING: VALVE TIES, AS-BUILT DRAWINGS (INCLUDING, BUT NOT LIMITED TO: FITTING-TO-FITTING MEASUREMENTS, SERVICE-TO-SERVICE MEASUREMENTS, CENTER OF MAIN TO CENTER OF SERVICE MEASUREMENTS, LENGTH OF MAIN INSTALLED, FITTINGS INSTALLED, ETC.) AND POTABILITY RESULTS.
- ALL VALVE BOXES TO BE BROUGHT UP TO GRADE OF THE FINAL PAVING MATERIAL SO THAT THE CONCRETE IS EXPOSED.
- FIRE HYDRANTS SHALL BE NUMBERED USING REFLECTIVE NUMERALS. THE REFLECTIVE NUMERALS SHALL BE OBTAINED BY THE CONTRACTOR FOR THE COSFWD FIELD REPRESENTATIVE AT THE TIME THE NOTICE TO PROCEED (NTP) IS ISSUED. NUMBERS SHALL BE LEGIBLE FROM THE ROAD, PRIOR TO INSTALLING NUMBERS. FIRE HYDRANTS SHALL BE PAINTED.
- A MECHANICAL RESTRAINT SYSTEM SHALL BE UTILIZED ON FITTINGS AND PIPING FOR THRUST RESTRAINT. CONCRETE THRUST BLOCKING SHALL BE USED ONLY FOR SPECIAL CONDITIONS (E.G. CAPS WHERE MAIN WILL BE EXTENDED IN THE FUTURE) AS SPECIFICALLY APPROVED BY COSFWD.
- ANY FIELD CHANGES TO THESE PLANS REQUIRE APPROVAL OF BOTH COSFWD AND THE DESIGN ENGINEER.
- WORK ON COSFWD FACILITIES SHALL NOT BEGIN UNTIL COSFWD HAS ISSUED A NTP TO THE APPROVED UTILITY CONTRACTOR
- ANY AND ALL EASEMENTS FOR CITY-OWNED INFRASTRUCTURE SHALL BE OBTAINED/VERIFIED AND RECORDED BY DEVELOPER BEFORE PROJECT COMMENCEMENT. CONTRACTOR SHALL VERIFY THE EASEMENT IN PLACE BEFORE INSTALLING ANY INFRASTRUCTURE.

VISTAS DE LA SIERRA SUBDIVISION - PHASE 3 SANTA FE, NM

GENERAL NOTES

DESIGNED BY:
DRAWN BY:
DATE: 1/28/2025
JOB NO.: 05004
SHEET NO.

C0.01



DHI Engineering, LLC.
4419 ANI LOOP, SUITE 100
SANTA FE, NM 87507
(505) 955-2988 | dhiengineering.com
TBP# REG. NO. F-19561

DHI