

DMV DELANO OFF-SITE IMPROVEMENT PLANS

DOVER PARKWAY CITY OF DELANO, CA

ABBREVIATIONS:

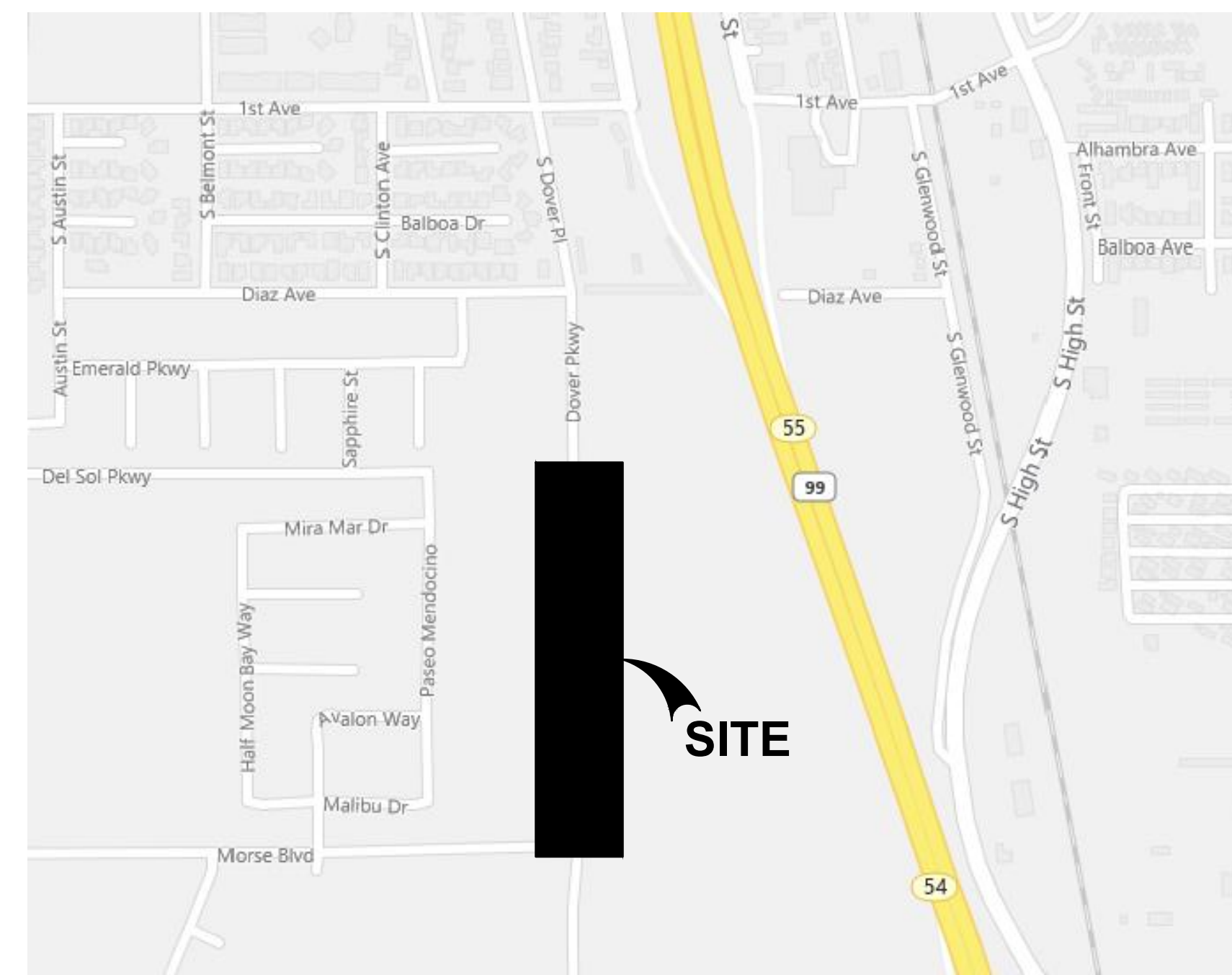
&	AND
@	AT
—	CENTERLINE
°	DEGREES
'	FEET/FOOT
—	FLOW LINE
"	INCHES
%	PERCENT
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
A.C.	ASPHALT CONCRETE
ADA	AMERICANS WITH DISABILITIES ACT
ASTM	ASTM INTERNATIONAL
AWWA	AMERICAN WATER WORKS ASSOCIATION
CA	CALIFORNIA
CALTRANS	CALIFORNIA DEPARTMENT OF TRANSPORTATION
CL.R.	CLEARANCE
C.O.D.	CITY OF DELANO
COMP.	COMPACTION
CONC.	CONCRETE
CU.	CUBIC
CY	CUBIC YARD
DGS	DEPARTMENT OF GENERAL SERVICES
DIA.	DIAMETER
DMV	DEPARTMENT OF MOTOR VEHICLES
(E)	EXISTING
E	EASTING/EAST
EA.	EACH
EG	EXISTING GRADE
EL	ELEVATION
ELL	ELBOW
E.W.	EACH WAY
EX.	EXISTING
FT.	FEET/FOOT
GB	GRADE BREAK
HORIZ	HORIZONTAL
I.D.	INTERIOR DIAMETER
INV	INVERT
L	LENGTH
HORIZ.	POUNDS
LF	LINEAR FEET/FOOT
LIN.	LINEAR
MANUF.R	MANUFACTURER
MAT.	MATERIAL
MAX.	MAXIMUM
MDD	MAXIMUM DRY DENSITY
MFG.	MANUFACTURER
MFR.	MANUFACTURER
M.H.	MANHOLE
MIN.	MINIMUM
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
N	NORTHING/NORTH
NAVD88	NORTH AMERICAN VERTICAL DATUM OF 1988
NO.	NUMBER
NPDES	NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
NTS	NOT TO SCALE
NW	NORTHWEST
O.C.	ON CENTER
OFF	OFFSET
OMC	OPTIMUM MOISTURE CONTENT
PAVE.	PAVEMENT
P.S.F.	POUNDS PER SQUARE FOOT
P.V.C.	POLYVINYL CHLORIDE
R	RIGHT
RAD.	RADIUS
RCE	REGISTERED CIVIL ENGINEER
R/W	RIGHT OF WAY
REL.	RELATIVE
R/F	REINFORCEMENT
S	SOUTH
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SDR	STANDARD DIMENSION RATIO
SDRN	STORM DRAIN
SS	SANITARY SEWER
SSCO	SANITARY SEWER CLEANOUT
SSMH	SANITARY SEWER MANHOLE
STA.	STATION
STDS	STANDARD(S)
SQ.	SQUARE
SWPPP	STORMWATER POLLUTION PREVENTION PLAN
TYP.	TYPICAL
UNO	UNLESS NOTED OTHERWISE
W/	WITH
YD.	YARD

GENERAL NOTES:

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF DELANO STANDARDS AND SPECIFICATIONS AND THE LATEST ADOPTED EDITION OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND SPECIFICATIONS.
- PRIOR TO THE START OF ANY CONSTRUCTION, THE CITY CONSTRUCTION INSPECTION DEPARTMENT SHALL BE GIVEN 48 HOURS NOTICE.
- COORDINATE WITH THE CITY OF DELANO PRIOR TO ANY CONSTRUCTION WORK PERFORMED WITHIN THE RIGHT OF WAY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING DIGGING/GRADING PERMIT PRIOR TO ANY EXCAVATION OR TRENCHING ACTIVITIES.
- DURING GRADING AND CONSTRUCTION, ALL ACTIVITIES ADJACENT TO RESIDENTIAL DEVELOPMENT SHALL BE LIMITED TO 7:00 A.M. TO 7:00 P.M., MONDAY THROUGH FRIDAY. CONSTRUCTION WILL NOT BE ALLOWED ON WEEKENDS OR ON FEDERAL HOLIDAYS.
- IF CULTURAL MATERIALS ARE DISCOVERED DURING ANY GRADING, ALL WORK SHALL BE HALTED AND A QUALIFIED ARCHAEOLOGIST/HISTORIAN SHALL BE CONTACTED TO ASSESS THE FINDINGS AND IMPLEMENT MITIGATION MEASURES, IF NECESSARY.
- COORDINATE WITH CITY PRIOR TO SALVAGING ITEMS OR HAULING MATERIALS FROM THE CONSTRUCTION SITE.
- CONTRACTOR SHALL VERIFY THE LOCATIONS AND DEPTHS OF EXISTING UTILITIES AND EXERCISE PROPER CARE IN EXCAVATION OF THE AREA. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING COMPLIANCE WITH ALL APPLICABLE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) REQUIREMENTS FOR THE PROJECT.
- CONTRACTOR SHALL PROVIDE A STORM WATER POLLUTION PLAN (SWPPP) AS REQUIRED BY THE CONSTRUCTION GENERAL PERMIT.
- SWPPP BEST MANAGEMENT PRACTICES SHALL BE EMPLOYED AT ALL TIMES DURING CONSTRUCTION.
- CONTRACTOR SHALL PERFORM THE MINIMUM CLEARING NECESSARY FOR WORK TO BE PERFORMED. CONTRACTOR SHALL BE RESPONSIBLE FOR RETURNING ALL DISTURBED AREAS TO THEIR ORIGINAL OR BETTER CONDITION IN ACCORDANCE WITH THE SPECIFICATIONS.
- CONTRACTOR IS RESPONSIBLE FOR ALL PROJECT SAFETY INCLUDING, BUT NOT LIMITED TO, TRENCH EXCAVATION AND SHORING, AND SITE SECURITY.
- ALL WORK MUST BE COMPLETED WITHIN 20 WORKING DAYS FROM START OF WORK.
- ASPHALT REJUVENATING AGENT SHALL BE APPLIED TO NEW ASPHALT CONCRETE PAVEMENT IN ACCORDANCE WITH THE PROVISIONS FOR FOG SEAL IN SECTION 37, BITUMINOUS SEALS, OF THE STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, CURRENT EDITION, AND THE STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIAL PROVISIONS CURRENTLY IN EFFECT.

CEMENT STABILIZED SUBGRADE NOTES

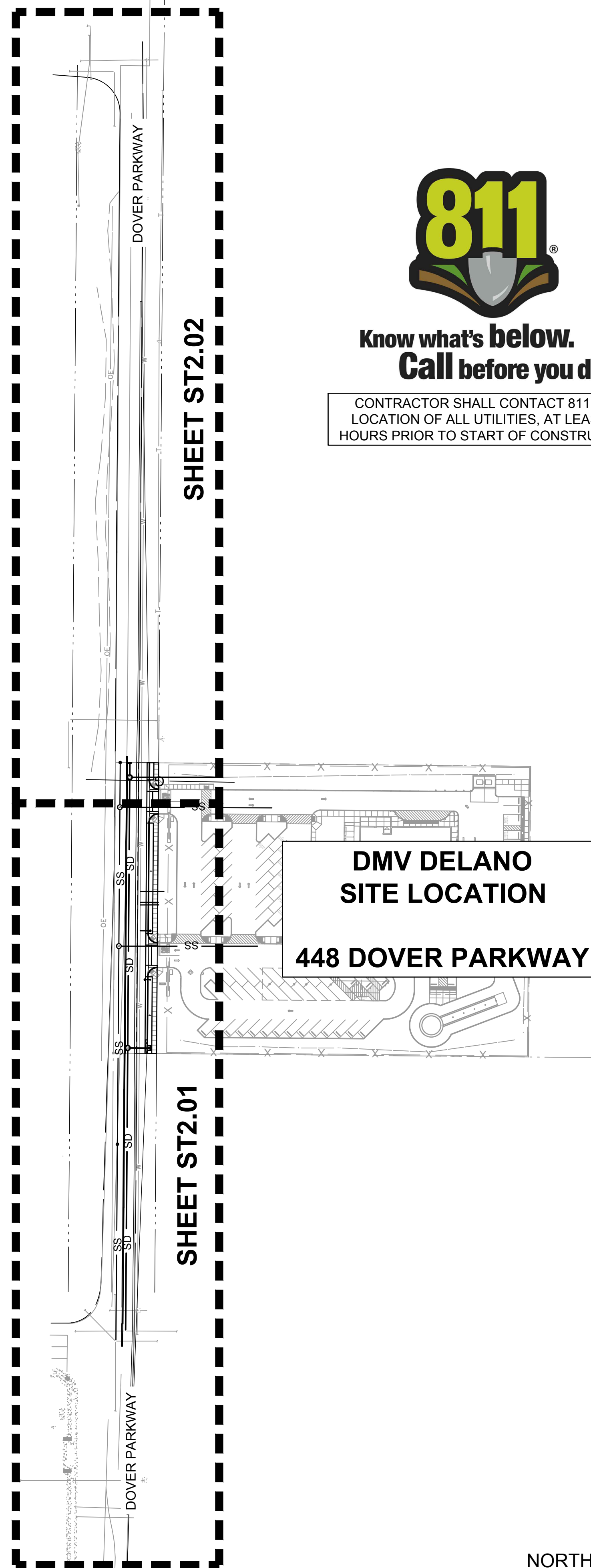
- NOTES/SPECIFICATION TAKEN FROM CITY OF DELANO PROVIDED PLANS.
- THIS ITEM SHALL CONSIST OF CONSTRUCTING A MIXTURE OF SOIL, CEMENT, AND WATER IN CONFORMITY WITH THE LINES, GRADES, THICKNESS, AND TYPICAL CROSS SECTIONS SHOWN ON THE PLANS. CEMENT-TREATED SUBGRADE SHALL BE CONSTRUCTED IN A SERIES OF PARALLEL LANES SUCH THAT LONGITUDINAL AND TRANSVERSE JOINTS ARE MINIMIZED.
- MATERIALS
 - PORTLAND CEMENT SHALL BE TYPE I/IV CONFORMING TO THE REQUIREMENTS OF SECTION 201-1.2.1 "PORTLAND CEMENT" OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION "GREENBOOK". POZZALONIC MATERIAL SHALL NOT BE SUBSTITUTED FOR PORTLAND CEMENT.
 - WATER USED FOR MIXING OR CURING SHALL BE REASONABLY CLEAN AND FREE OF OIL, SALT, ACID, ALKALI, SUGAR, VEGETABLE, OR OTHER SUBSTANCES INJURIOUS TO THE FINISHED PRODUCT. WATER SHALL BE TESTED IN ACCORDANCE WITH AND SHALL MEET THE SUGGESTED REQUIREMENTS OF AASHTO T 26. WATER KNOWN TO BE OF POTABLE QUALITY MAY BE USED WITHOUT TESTING.
 - THE SOIL FOR THIS WORK SHALL CONSIST OF MATERIALS ON THE SITE OR IMPORTED AND SHALL BE FREE OF ROOTS, SOD, WEEDS, WOOD, CONSTRUCTION DEBRIS, AND STONES LARGER THAN 2-1/2 INCHES.
- CONSTRUCTION METHODS
 - PRIOR TO BEGINNING ANY CEMENT TREATMENT, THE EXISTING SUBGRADE SHALL BE SHAPED TO CONFORM TO THE TYPICAL SECTIONS, LINES, AND GRADES AS SHOWN ON THE PLANS. BULKING OF THE SUBGRADE RESULTING FROM THE STABILIZATION PROCESS SHOULD BE CONSIDERED.
 - CEMENT SHALL BE APPLIED AT A RATE OF NOT LESS THAN 4 PERCENT, OR AS SPECIFIED BY THE ENGINEER, AND SHALL BE BASED ON THE IN-PLACE DRY UNIT WEIGHT OF SOIL AND FOR THE DEPTH OF SUBGRADE TREATMENT SHOWN ON THE PLANS.
 - THE CEMENT CONTENT SHALL VARY NO MORE THAN 0.5 PERCENT UNDER AND NOT MORE THAN 1.0 PERCENT OVER THE SPECIFIED CEMENT CONTENT (EXAMPLE: TOLERANCE ON A SPREAD RATE OF 4.0% IS 3.5% TO 5.0%). HOWEVER, THE MOVING AVERAGE OF THE RATE OF CEMENT CONTENT TESTS/INSPECTIONS SHALL NOT BE LESS THAN THE SPECIFIED CEMENT CONTENT. THE ENGINEER RESERVES THE RIGHT TO INCREASE THE RATE OF APPLICATION OF CEMENT FROM THE SPECIFIED RATES DURING THE PROGRESS OF CONSTRUCTION AS NECESSARY TO MAINTAIN THE DESIRED CHARACTERISTICS OF THE CEMENT TREATED SOIL.
 - CEMENT SHALL BE DISTRIBUTED WITH A NON-PRESSURIZED MECHANICAL VANE-FEED SPREADER CAPABLE OF SPREADING THE CEMENT AT A PRESCRIBED WEIGHT PER UNIT AREA. CEMENT SHALL NOT BE SPREAD UPON THE PREPARED SUBGRADE MORE THAN 2 HOURS PRIOR TO THE MIXING OPERATION. NO TRAFFIC OTHER THAN THE MIXING EQUIPMENT SHALL BE ALLOWED TO PASS OVER THE SPREAD CEMENT UNTIL THE MIXING OPERATION IS COMPLETED.
 - MIXING OF THE SOIL, CEMENT, AND WATER SHALL BE DONE WITH A FOUR-WHEEL DRIVE ROTARY MIXER (CMI RS-650B, CAT 500 OR EQUIVALENT). THE MIXING MACHINE SHALL HAVE EQUIPMENT PROVISION FOR INTRODUCING WATER AT THE TIME OF MIXING THROUGH A METERING DEVICE.
 - THE FULL DEPTH OF THE CEMENT TREATED SUBGRADE SHALL BE MIXED A MINIMUM OF TWO TIMES WITH THE APPROVED MIXING MACHINE. IF NECESSARY, ONE OF THE TWO MIXES SHALL BE DONE WHILE INTRODUCING WATER INTO THE SOIL THROUGH THE METERING DEVICE ON THE MIXER. WATER SHALL BE ADDED DURING MIXING TO PROVIDE A MOISTURE CONTENT NOT LESS THAN 1 PERCENTAGE POINT BELOW NOR MORE THAN THREE PERCENTAGE POINTS ABOVE (-1 TO +3 OF OMC) THE OPTIMUM MOISTURE OF THE CEMENT TREATED SOIL TO ENSURE CHEMICAL ACTION OF THE CEMENT AND SOIL.
 - TO ENSURE A UNIFORMLY TREATED SECTION, ANY MATERIAL/SOIL AROUND MANHOLES, UTILITY RISERS, VALVES AND ADJACENT TO CURBS/GUTTERS OR IN CORNERS, MUST HAVE THAT MATERIAL/SOIL PULLED OUT AT THE DEPTH OF TREATMENT WHERE IT IS ACCESSIBLE TO BE MIXED WITH THE REAGENT. AFTER THAT MATERIAL IS MIXED WITH THE REAGENT, IT WILL BE PLACED BACK AROUND/ADJACENT TO THE UTILITY OR STRUCTURE COMPACTED.
- COMPACTION
 - THE CONTRACTOR SHALL REGULATE THE SEQUENCING OF THE CEMENT TREATMENT SUCH THAT FINAL COMPACTIONS OF THE CEMENT TREATED SOIL TO THE SPECIFIED DENSITY SHALL BE COMPLETED WITHIN 2 1/2 HOURS AFTER THE INITIAL APPLICATION OF WATER DURING THE MIXING OPERATION.
 - COMPACTION SHALL BE BY MEANS OF STEEL DRUM ROLLERS. AREAS INACCESSIBLE TO ROLLERS SHALL BE COMPACTED TO THE REQUIRED COMPACTION BY OTHER MEANS SATISFACTORY TO THE ENGINEER. THE FIELD DRY DENSITY OF THE COMPACTED CEMENT TREATED SOIL SHALL BE AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY OF THE IN-PLACE MATERIAL AS DETERMINED IN ACCORDANCE WITH ASTM D 1557. SHOULD THE CEMENT TREATED SUBGRADE YIELD UNDER THE WEIGHT OF THE COMPACTION EQUIPMENT, COMPACTION EFFORT WILL CEASE IN AN EFFORT NOT TO COMPROMISE THE SECTION; IN THIS CASE, THE MAXIMUM ACHIEVABLE FIELD DENSITY WILL BE ACCEPTED OR AN ALTERNATE REMEDIAL PLAN WILL BE PROPOSED BY THE ENGINEER.
- FINISHING AND CURING
 - AFTER THE FINAL LAYER OF CEMENT TREATED SUBGRADE HAS BEEN COMPACTED, IT SHALL BE BROUGHT TO THE REQUIRED LINES AND GRADES IN ACCORDANCE WITH THE TYPICAL SECTION. THE COMPLETED SECTION SHALL THEN BE FINISHED BY ROLLING WITH A PNEUMATIC OR OTHER SUITABLE ROLLER APPROVED BY THE ENGINEER.
 - THE COMPLETED CEMENT TREATED SUBGRADE SHALL BE MOIST CURED OR SURFACED WITH A CURING SEAL CONSISTING OF SS OR CSS GRADE ASPHALTIC EMULSION AT A RATE OF 0.10 TO 0.15 GALLONS PER SQUARE YARD OF SURFACE. IF USED, THE CURING SEAL SHALL BE APPLIED THE SAME DAY AS FINISH ROLLING IS COMPLETED.
- CONSTRUCTION JOINTS - CONSTRUCTION JOINTS SHALL HAVE VERTICAL FACES AND SHALL BE MADE IN THOROUGHLY COMPACTED MATERIAL. ADDITIONAL CEMENT TREATED SOIL SHALL NOT BE PLACED AGAINST THE CONSTRUCTION JOINT UNTIL THE JOINT HAS BEEN APPROVED BY THE ENGINEER. THE FACE OF THE CUT JOINT SHALL BE LEAN AND FREE OF DELETERIOUS MATERIAL AND SHALL BE KEPT MOIST UNTIL PLACING OF THE ADJACENT CEMENT TREATED SOIL.
- REPAIR - CEMENT TREATED SOIL THAT IS DAMAGED SHALL BE REPAIRED BY REMOVING AND REPLACING THE ENTIRE DEPTH OF THE AFFECTED LAYERS IN THE DAMAGED AREA. FEATHERING WILL NOT BE PERMITTED FOR REPAIR OF LOW AREAS.



VICINITY MAP
NTS



CONTRACTOR SHALL CONTACT 811 FOR LOCATION OF ALL UTILITIES, AT LEAST 72 HOURS PRIOR TO START OF CONSTRUCTION



KEY MAP
SCALE: 1" = 80'



DRAWING INDEX

SHEET	DESCRIPTION
ST0.01	COVER SHEET
ST2.01	DOVER PARKWAY STA 29+00.00 TO STA 36+00.00
ST2.02	DOVER PARKWAY STA 36+00.00 TO STA 43+00.00
ST4.01	DOVER PARKWAY STRIPING AND SIGNAGE
ST5.01	CITY STANDARD DETAILS (1 OF 3)
ST5.02	CITY STANDARD DETAILS (2 OF 3)
ST5.03	CITY STANDARD DETAILS (3 OF 3)

SITE BENCHMARK:

CHISELED "X" ON TOP OF CURB WEST SIDE OF DOVER PARKWAY, APPROXIMATELY 735.9' SOUTH OF SOUTH PROPERTY LINE. ELEVATION = 299.87' NAVD88 DATUM

STREET IMPROVEMENT QUANTITIES

REMOVE ELECTRICAL POLES	2 EA
SAWCUT	3710 LF
ASPHALT CONCRETE	335 TONS
CLASS II AGGREGATE BASE	465 C.Y.
STREET LIGHT	1 EA
SANITARY SEWER MANHOLE	1 EA
SANITARY SEWER DROP MANHOLE	1 EA
SANITARY SEWER CLEANOUT	2 EA
FIRE HYDRANT	1 EA
STORM DRAIN CATCH BASIN	1 EA
STORM DRAIN MANHOLE	3 EA
CURB AND GUTTER	276 LF
CROSS GUTTER	2 EA
COMMERCIAL DRIVEWAY APPROACH	2 EA
SIDEWALK	1335 SF
ADA RAMP	4 EA
12" SDR 35 PVC	603 LF
18" HP STORM	23 LF
30" HP STORM	597 LF
30" STORM DRAIN CAP	1 EA
1.5" ASPHALT GRIND AND OVERLAY	11,071 SF
D-21 STRIPING	620 LF
D-27B STRIPING	2000 LF
D-39 STRIPING	183 LF
BIKE SYMBOL	1 EA
BIKE LANE ARROW	1 EA
RED PAINTED CURB	30 LF
R28(CA) SIGN	2 EA

CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THEIR OWN QUANTITIES FOR BIDDING PURPOSES. QUANTITIES SHOWN ARE THE ENGINEER'S ESTIMATE AND ARE ONLY FOR DETERMINING CITY PLAN CHECK AND PERMIT FEES.

ESTIMATED EARTHWORK QUANTITIES

TOTAL FILL REQUIRED = 0 C.Y.
TOTAL CUT REQUIRED = 648 C.Y.

TOTAL EARTHWORK VOLUME = 648 C.Y. (EXPORT)

THE ABOVE QUANTITIES ARE BASED ON PROPOSED CONTOURS AND ELEVATIONS SHOWN ON THE PLANS. ACTUAL QUANTITIES MAY VARY DUE TO SHRINKAGE AND BULKING, CLEARING OPERATIONS, REMOVAL AND RECOMPACTION, SETTLEMENT, ETC. THE GRADING CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THEIR OWN EARTHWORK QUANTITIES FOR BIDDING PURPOSES. QUANTITIES SHOWN ARE THE ENGINEER'S ESTIMATE AND ARE ONLY FOR DETERMINING CITY PLAN CHECK AND PERMIT FEES.

APPROVED BY:	<i>Gordon Fong</i>	
DATE:	09/21/2021	RCE 87304
ACCEPTANCE BY:	<i>Roman Dowling</i>	
DATE:	9.23.21	CITY ENGINEER

CALIFORNIA DEPARTMENT OF MOTOR VEHICLES - DMV

Dover Parkway, Delano

California Department of General Services



09/21/2021

AECOM
CONSULTANT

nacht&lewis

600 O Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
P 916.329.4000

ARCHITECT

REVISIONS

NO.	DESCRIPTION	DATE

DATE 09/21/2021

JOB NO. DGS 140724

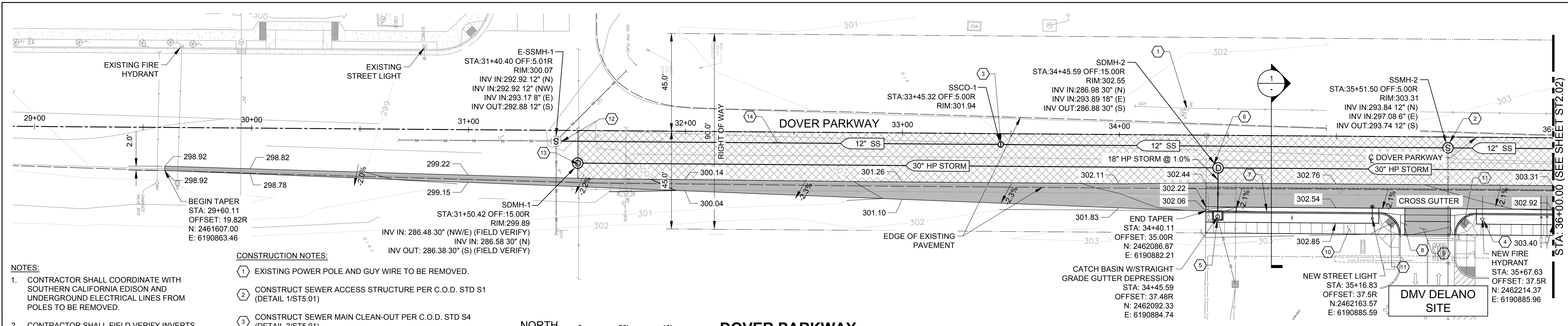
SHEET TITLE

COVER SHEET

SHEET NO.

ST0.01

ONE AND ONE-HALF INCH = ONE FOOT
 ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE FOOT
 ONE INCH = TWENTY FEET

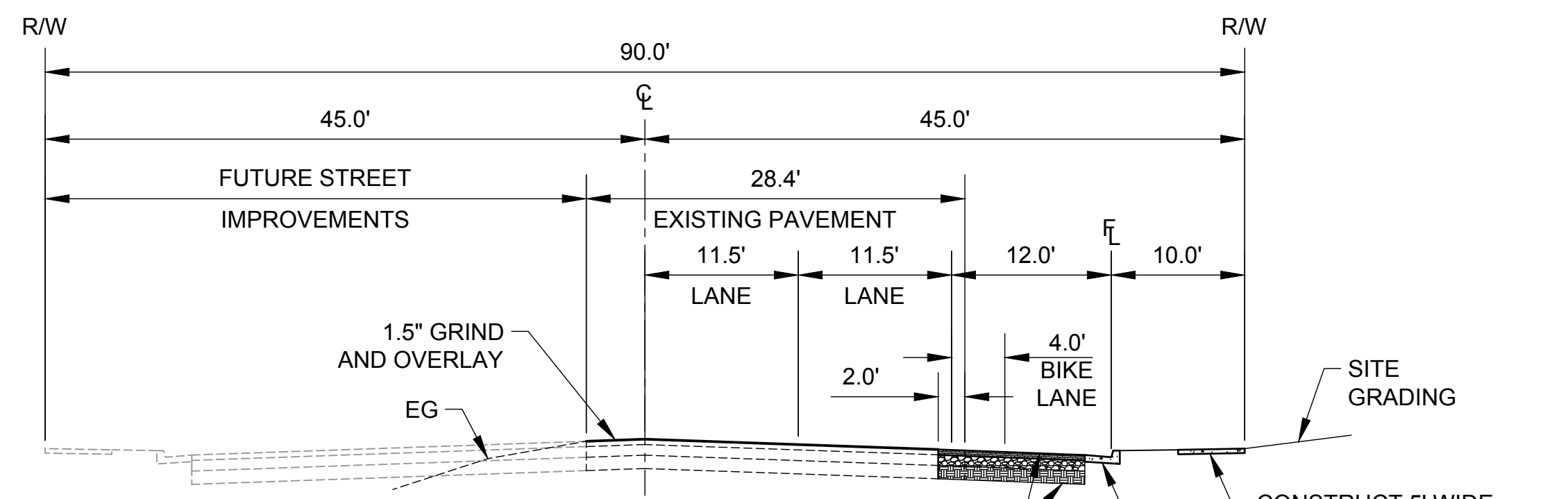


- NOTES:**
- CONTRACTOR SHALL COORDINATE WITH SOUTHERN CALIFORNIA EDISON AND UNDERGROUND ELECTRICAL LINES FROM POLES TO BE REMOVED.
 - CONTRACTOR SHALL FIELD VERIFY INVERTS OF EXISTING STORM DRAIN MANHOLE. IF SOUTHERN INVERT IS FOUND TO BE GREATER THAN 286.38, ENGINEER SHALL BE ALERTED IMMEDIATELY.
 - ADS HP-STORM PIPE OR APPROVED EQUAL SHALL BE USED FOR ALL STORM DRAIN PIPE WITHIN CITY RIGHT OF WAY. PIPE SHALL MEET ASTM F2881 OR AASHTO M330 STANDARDS AND HAVE A MANNING'S "n" VALUE OF 0.012. JOINTS SHALL BE WATERTIGHT IN ACCORDANCE WITH ASTM D3212. GASKETS SHALL MEET REQUIREMENTS OF ASTM F477. GASKETS SHALL BE INSTALLED BY PIPE MANUFACTURER AND COVERED WITH REMOVAL PROTECTIVE WRAP TO ENSURE THE GASKET IS FREE FROM DEBRIS PRIOR TO INSTALLATION. A JOINT LUBRICANT SHALL BE USED ON GASKET AND BELL DURING ASSEMBLY. TEST JOINTS IN ACCORDANCE WITH ASTM F1417 OR ASTM F2487. CONTACT MANUFACTURER FOR RECOMMENDED LEAKAGE RATES. INSTALL PIPE PER ASTM D2321 AND MANUFACTURER RECOMMENDATIONS.

- CONSTRUCTION NOTES:**
- EXISTING POWER POLE AND GUY WIRE TO BE REMOVED.
 - CONSTRUCT SEWER ACCESS STRUCTURE PER C.O.D. STD S1 (DETAIL 1/ST5.01)
 - CONSTRUCT SEWER MAIN CLEAN-OUT PER C.O.D. STD S4 (DETAIL 2/ST5.01)
 - CONSTRUCT FIRE HYDRANT PER C.O.D. STD W1 (DETAIL 3/ST5.01)
 - CONSTRUCT CATCH BASIN PER C.O.D. STD D3 (DETAIL 5/ST5.01)
 - CONSTRUCT STORM DRAIN MANHOLE PER C.O.D. STD D5 (DETAIL 1/ST5.02)
 - CONSTRUCT CURB AND GUTTER PER C.O.D. STD S12 (DETAIL 2/ST5.02)
 - CONSTRUCT CROSS GUTTER PER C.O.D. STD S13 (DETAIL 3/ST5.02)
 - CONSTRUCT COMMERCIAL DRIVEWAY APPROACH PER C.O.D. STD S15 (DETAIL 4/ST5.02)
 - CONSTRUCT SIDEWALK PER C.O.D. STD S17 (DETAIL 5/ST5.02)
 - CONTRACTOR SHALL FIELD LOCATE EXISTING BURIED SEWER WYE. CONNECT NEW 12" SEWER LINE TO END OF WYE. FIELD VERIFY EXISTING INVERTS AND ENSURE 0.20% SLOPE IS MAINTAINED.
 - REMOVE EXISTING STORM DRAIN MANHOLE AND REPLACE WITH NEW STORM DRAIN MANHOLE PER C.O.D. STD D5 (DETAIL 1/ST5.02). PROTECT AND RECONNECT EXISTING STUBOUTS.
 - 1.5" GRIND AND OVERLAY PER C.O.D. STD S121B (DETAIL 2/ST5.03) FROM STA: 31+50.42 TO STA: 37+49.32.

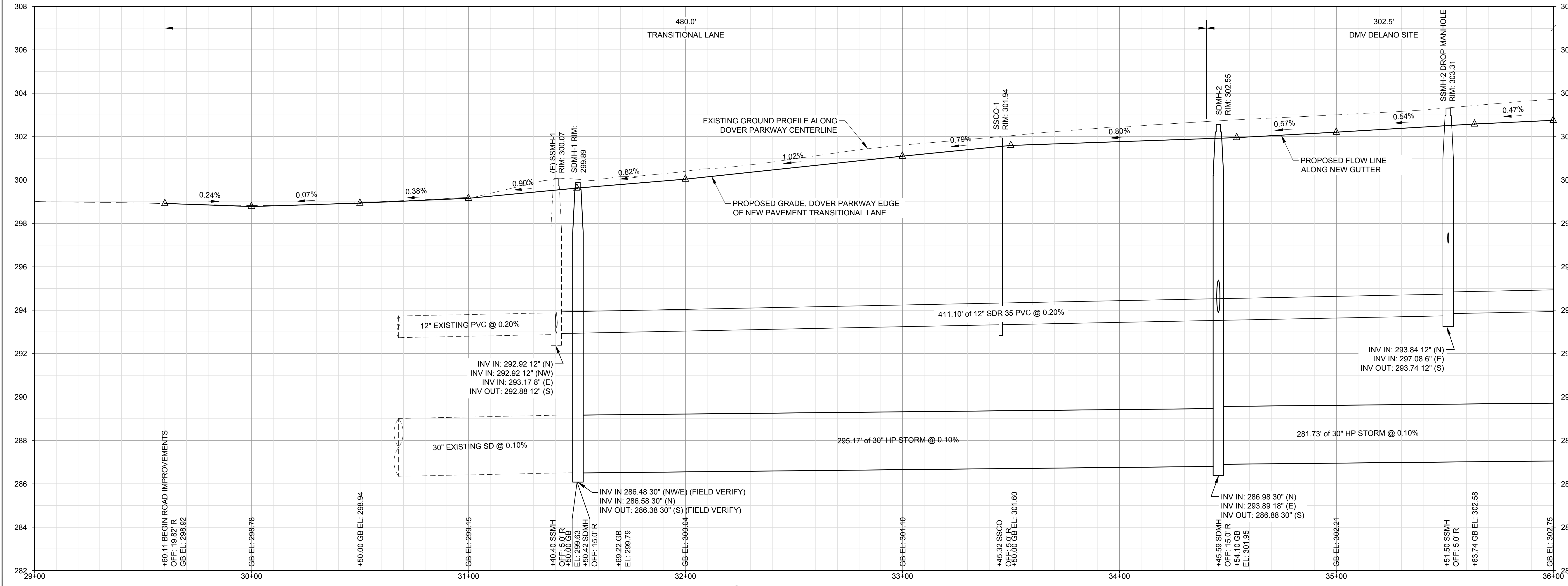


DOVER PARKWAY
 STA: 29+00.00 TO STA 36+00.00



ALTERNATIVE SECTION:
 INSTALL 0.40' (4.8") TYPE "B" A.C. OVER 0.80' (9.6") CLASS II AGGREGATE BASE OVER 1' (12") NATIVE SOIL COMPACTED TO 95% M.D.D.
 INSTALL 0.40' (4.8") TYPE "B" A.C. OVER 0.40' (4.8") CLASS II AGGREGATE BASE OVER 1.2' (14.4") 4% CEMENT TREATED SOIL SUB-BASE COMPACTED TO 95% M.D.D.

1 STREET SECTION
 1" = 10'



CALIFORNIA DEPARTMENT OF MOTOR VEHICLES - DMV
 Dover Parkway, Delano
 California Department of General Services

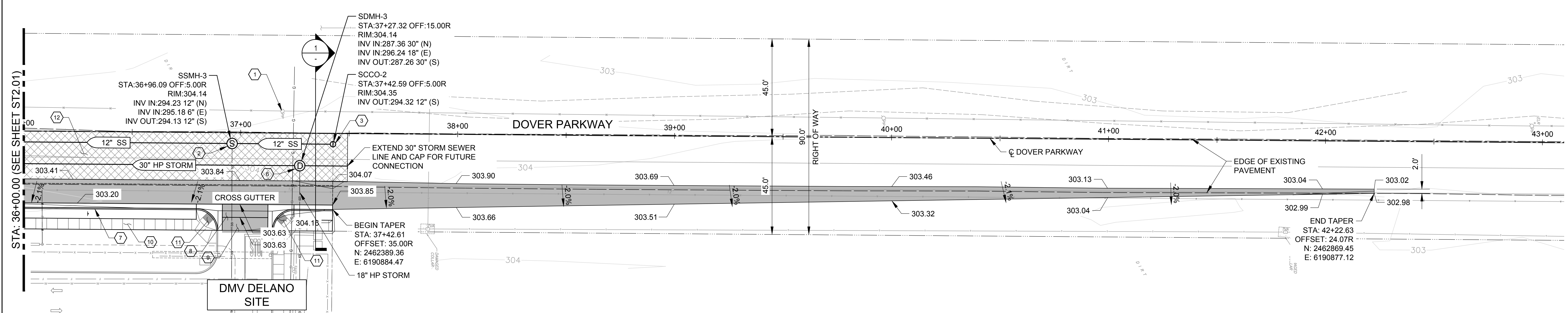
09/21/2021
AECOM
 CONSULTANT
nacht&lewis
 600 O Street, Suite 100
 Sacramento, CA 95811
 www.nachtandlewis.com
 P 916.329.4000

ARCHITECT

REVISIONS		
NO.	DESCRIPTION	DATE

DATE: 09/21/2021
 JOB NO.: DGS 140724
 SHEET TITLE:
DOVER PARKWAY
STA 29+00.00 TO
STA 36+00.00
 SHEET NO.:
ST2.01

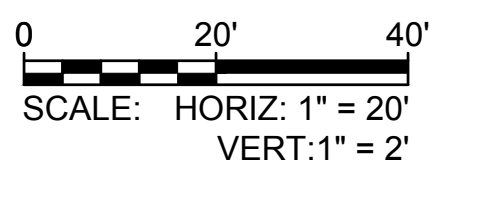
ONE AND ONE-HALF INCH = ONE FOOT
 ONE INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-HALF INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET



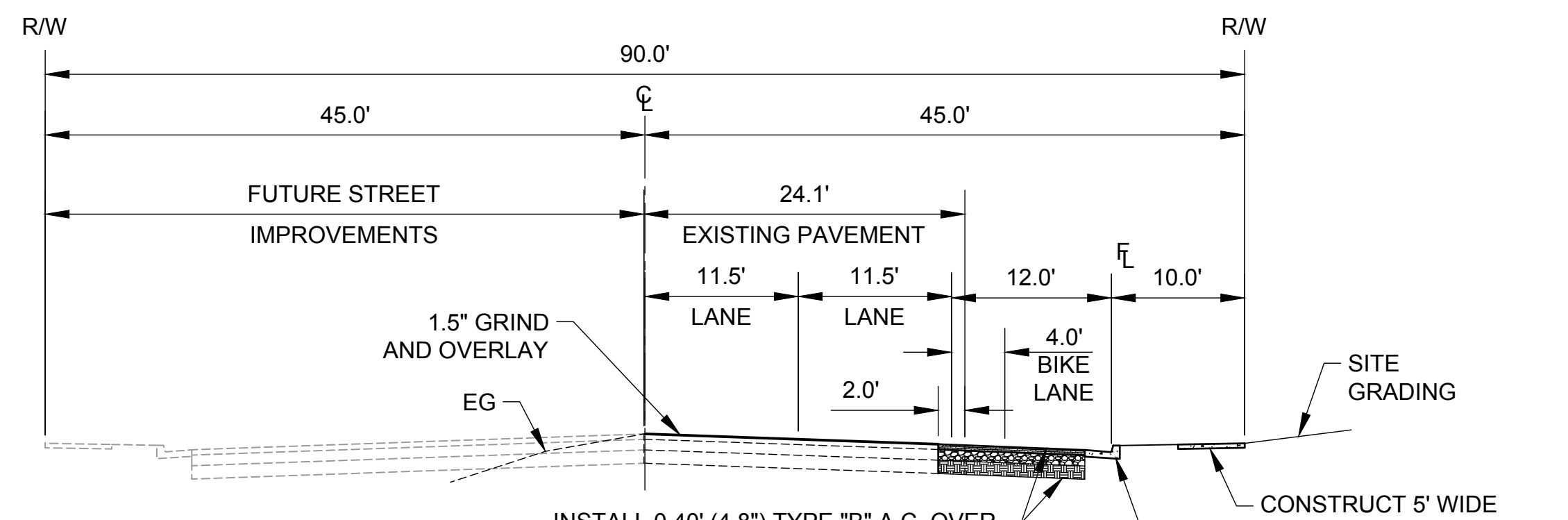
NOTES:

- CONTRACTOR SHALL COORDINATE WITH SOUTHERN CALIFORNIA EDISON AND UNDERGROUND ELECTRICAL LINES FROM POLES TO BE REMOVED.
- ADS HP-STORM PIPE OR APPROVED EQUAL SHALL BE USED FOR ALL STORM DRAIN PIPE WITHIN CITY RIGHT OF WAY. PIPE SHALL MEET ASTM F2881 OR AASHTO M330 STANDARDS AND HAVE A MANNING'S "n" VALUE OF 0.012. JOINTS SHALL BE WATERTIGHT IN ACCORDANCE WITH ASTM D3212. GASKETS SHALL MEET REQUIREMENTS OF ASTM F477. GASKETS SHALL BE INSTALLED BY PIPE MANUFACTURER AND COVERED WITH REMOVAL PROTECTIVE WRAP TO ENSURE THE GASKET IS FREE FROM DEBRIS PRIOR TO INSTALLATION. A JOINT LUBRICANT SHALL BE USED ON GASKET AND BELL DURING ASSEMBLY. TEST JOINTS IN ACCORDANCE WITH ASTM F1417 OR ASTM F2487. CONTACT MANUFACTURER FOR RECOMMENDED LEAKAGE RATES. INSTALL PIPE PER ASTM D321 AND MANUFACTURER RECOMMENDATIONS.

- CONSTRUCTION NOTES:**
- EXISTING POWER POLE TO BE REMOVED.
 - CONSTRUCT SEWER ACCESS STRUCTURE PER C.O.D. STD S1 (DETAIL 1/ST5.01)
 - CONSTRUCT SEWER MAIN CLEAN-OUT PER C.O.D. STD S4 (DETAIL 2/ST5.01)
 - CONSTRUCT FIRE HYDRANT PER C.O.D. STD W1 (DETAIL 3/ST5.01)
 - CONSTRUCT CATCH BASIN PER C.O.D. STD D3 (DETAIL 5/ST5.01)
 - CONSTRUCT STORM DRAIN MANHOLE PER C.O.D. STD D5 (DETAIL 1/ST5.02)
 - CONSTRUCT CURB AND GUTTER PER C.O.D. STD S12 (DETAIL 2/ST5.02)
 - CONSTRUCT CROSS GUTTER PER C.O.D. STD S13 (DETAIL 3/ST5.02)
 - CONSTRUCT COMMERCIAL DRIVEWAY APPROACH PER C.O.D. STD S15 (DETAIL 4/ST5.02)
 - CONSTRUCT SIDEWALK PER C.O.D. STD S17 (DETAIL 5/ST5.02)
 - CONSTRUCT ADA CURB RAMP PER CALTRANS STANDARD PLAN A88A. PROVIDE DETECTABLE WARNING SURFACE FOR 3' DEPTH OF RAMP, EXTENDING FULL WIDTH OF RAMP.
 - 1.5" GRIND AND OVERLAY PER C.O.D. STD S12B (DETAIL 2/ST5.03) FROM STA: 31+50.42 TO STA: 37+49.32.

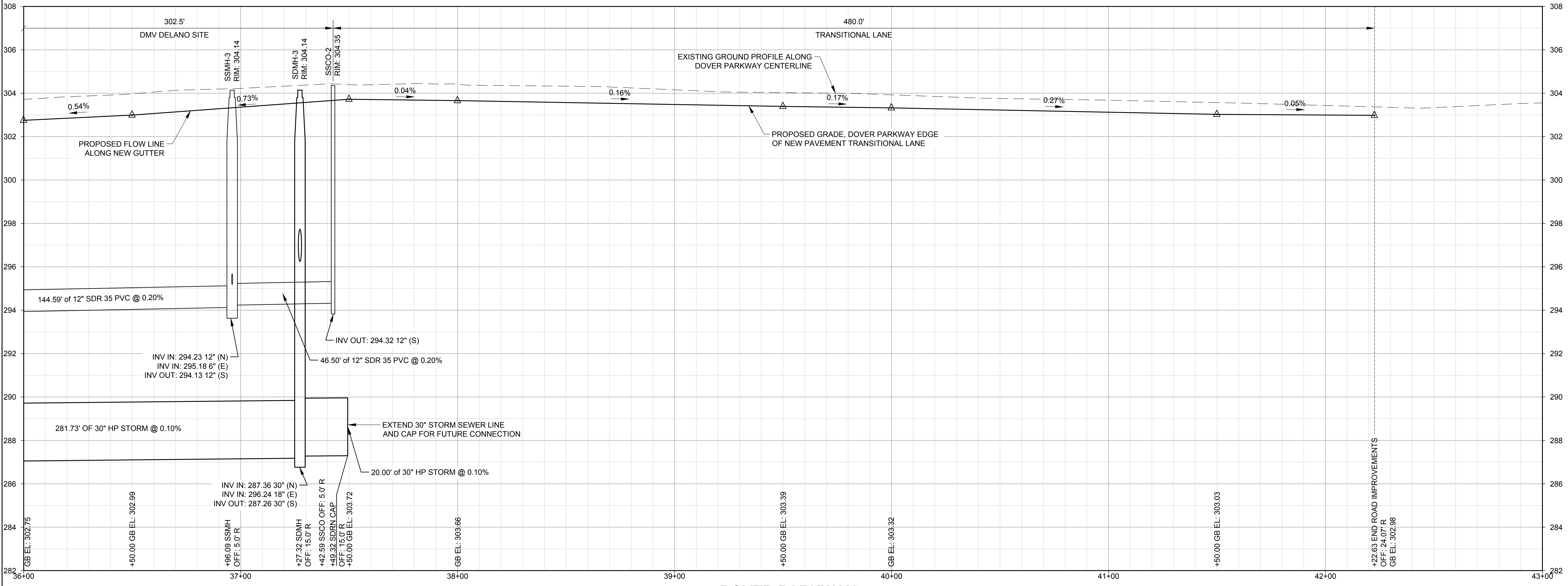


DOVER PARKWAY
 STA: 36+00.00 TO STA 43+00.00



ALTERNATIVE SECTION:
 INSTALL 0.40' (4.8") TYPE "B" A.C. OVER 0.80' (9.6") CLASS II AGGREGATE BASE OVER 1' (12") NATIVE SOIL COMPACTED TO 95% M.D.D.
 INSTALL 0.40' (4.8") TYPE "B" A.C. OVER 0.40' (4.8") CLASS II AGGREGATE BASE OVER 1.2' (14.4") 4% CEMENT TREATED SOIL SUB-BASE COMPACTED TO 95% M.D.D.

1 STREET SECTION
 1" = 10'



DOVER PARKWAY



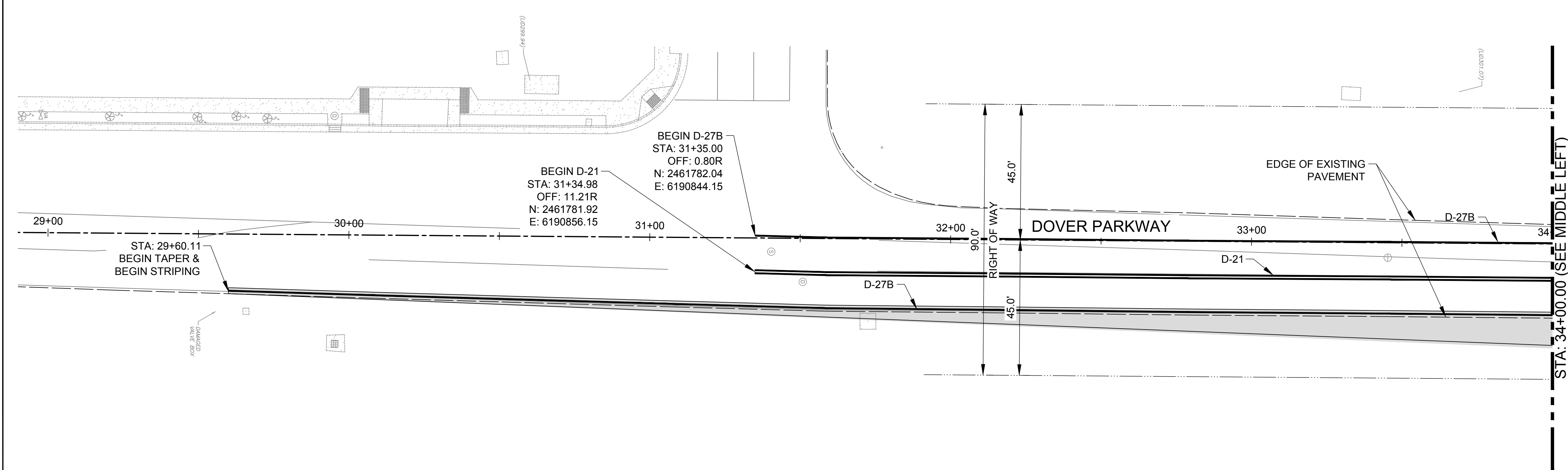
09/21/2021
AECOM
 CONSULTANT
nacht&lewis
 600 O Street, Suite 100
 Sacramento, CA 95811
 www.nachtlewis.com
 P 916.329.4000

ARCHITECT

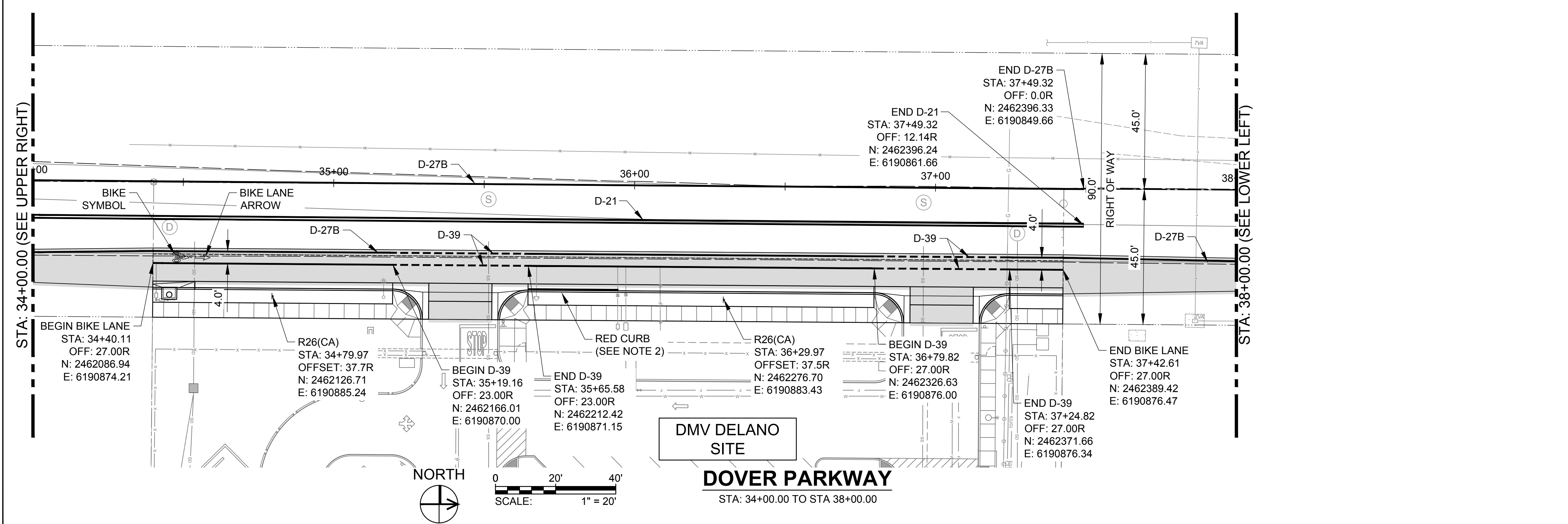
REVISIONS		
NO.	DESCRIPTION	DATE

DATE: 09/21/2021
 JOB NO.: DGS 140724
 SHEET TITLE:
DOVER PARKWAY
STA 36+00.00 TO
STA 43+00.00
 SHEET NO.:
ST2.02

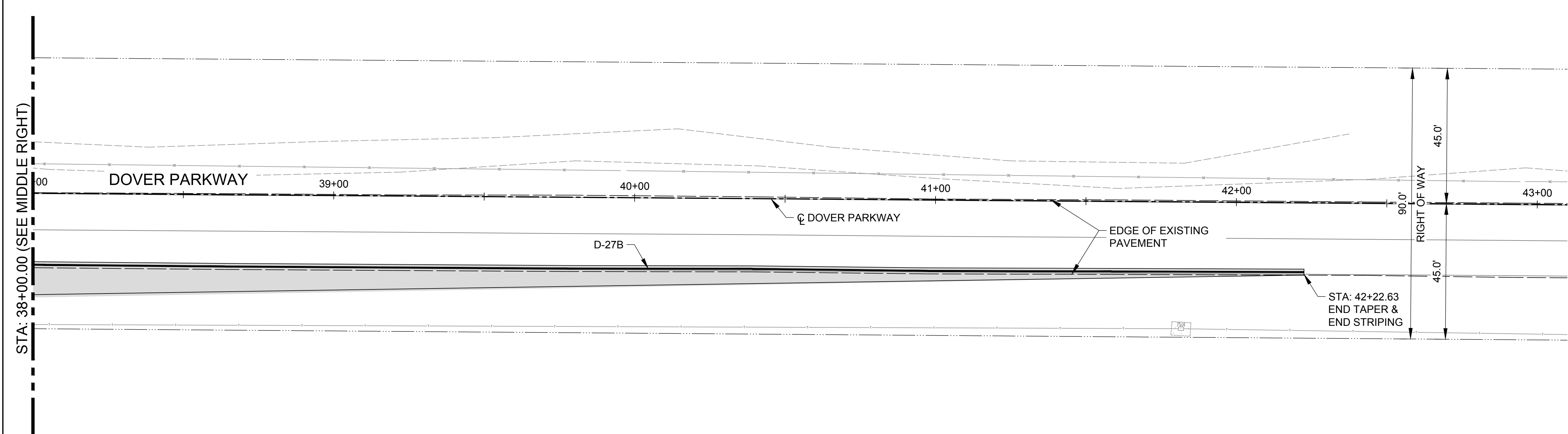
ONE AND ONE-HALF INCH = ONE FOOT
 ONE INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-HALF INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET



DOVER PARKWAY
 STA: 29+00.00 TO STA 34+00.00



DOVER PARKWAY
 STA: 34+00.00 TO STA 38+00.00



DOVER PARKWAY
 STA: 38+00.00 TO STA 43+00.00

- NOTES:**
- ALL STRIPING AND SIGNAGE SHALL CONFORM TO LATEST ADOPTED EDITION OF THE CALTRANS STANDARD PLANS AND SPECIFICATIONS AND 2014 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), REVISION 6.
 - PAINT NEW CURB RED IN FRONT OF NEW FIRE HYDRANT. CURB SHALL BE PAINTED FROM START OF CURVE FOR A LENGTH OF 30 FEET.
- LEGEND:**
- D-21 CALTRANS STANDARD PLAN A20A, DETAIL 21
 - D-27B CALTRANS STANDARD PLAN A20B, DETAIL 27B
 - D-39 CALTRANS STANDARD PLAN A20D, DETAIL 39
 - BIKE SYMBOL CALTRANS STANDARD PLAN A24C, "BIKE LANE SYMBOL WITH PERSON"
 - BIKE LANE ARROW CALTRANS STANDARD PLAN A24A, "BIKE LANE ARROW"
 - R26(CA) "NO PARKING ANY TIME" SIGN PER 2014 MUTCD, REVISION 6, SECTION 2B.46 WITH 2" I.D. GALVANIZED PIPE POST. SEE CITY OF DELANO PLATE S124 FOR SIGN POST FOOTING.

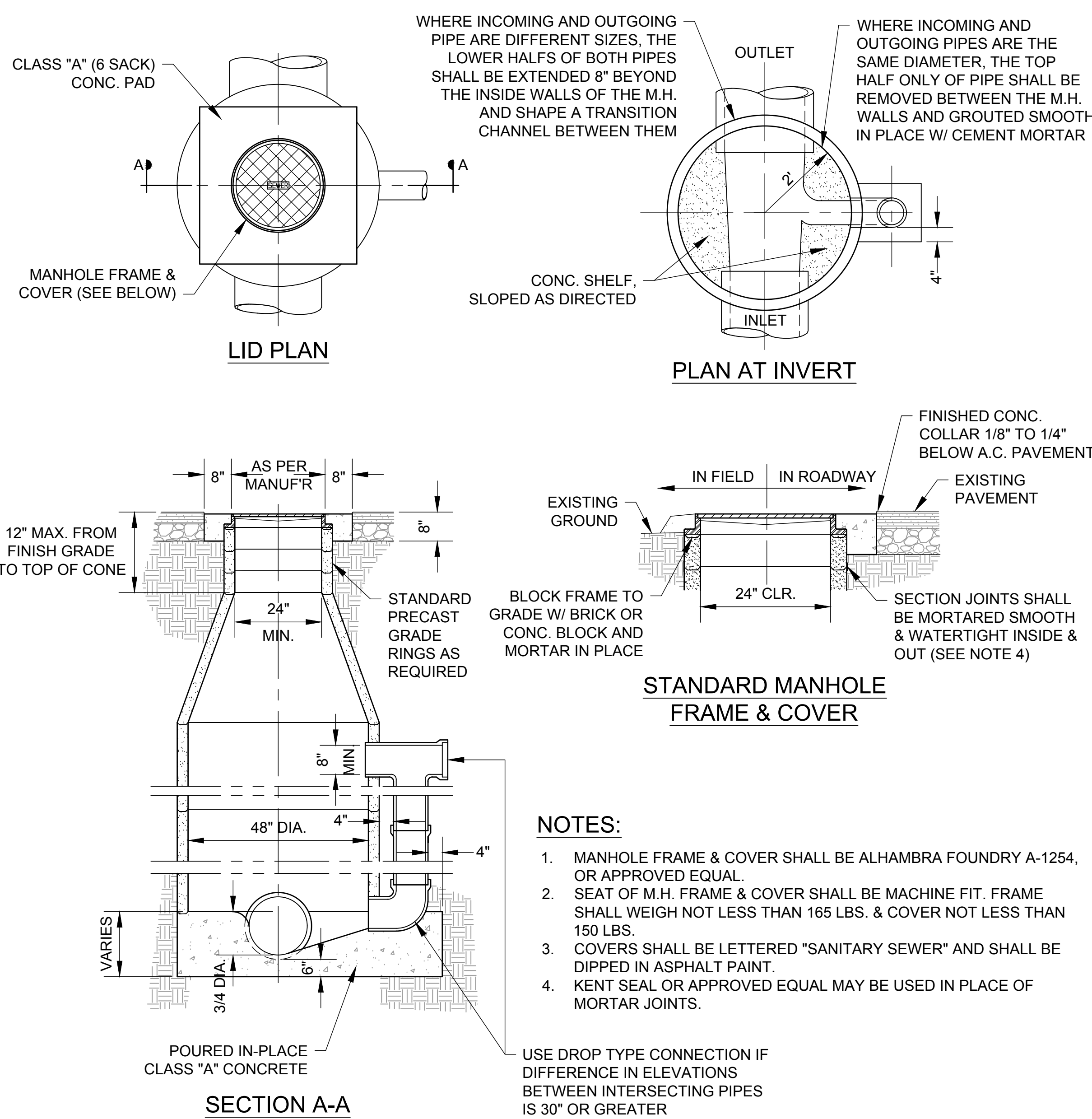
09/21/2021
AECOM
 CONSULTANT
nacht&lewis
 600 O Street, Suite 100
 Sacramento, CA 95811
 www.nachtlewis.com
 P 916.329.4000

ARCHITECT

REVISIONS		
NO.	DESCRIPTION	DATE

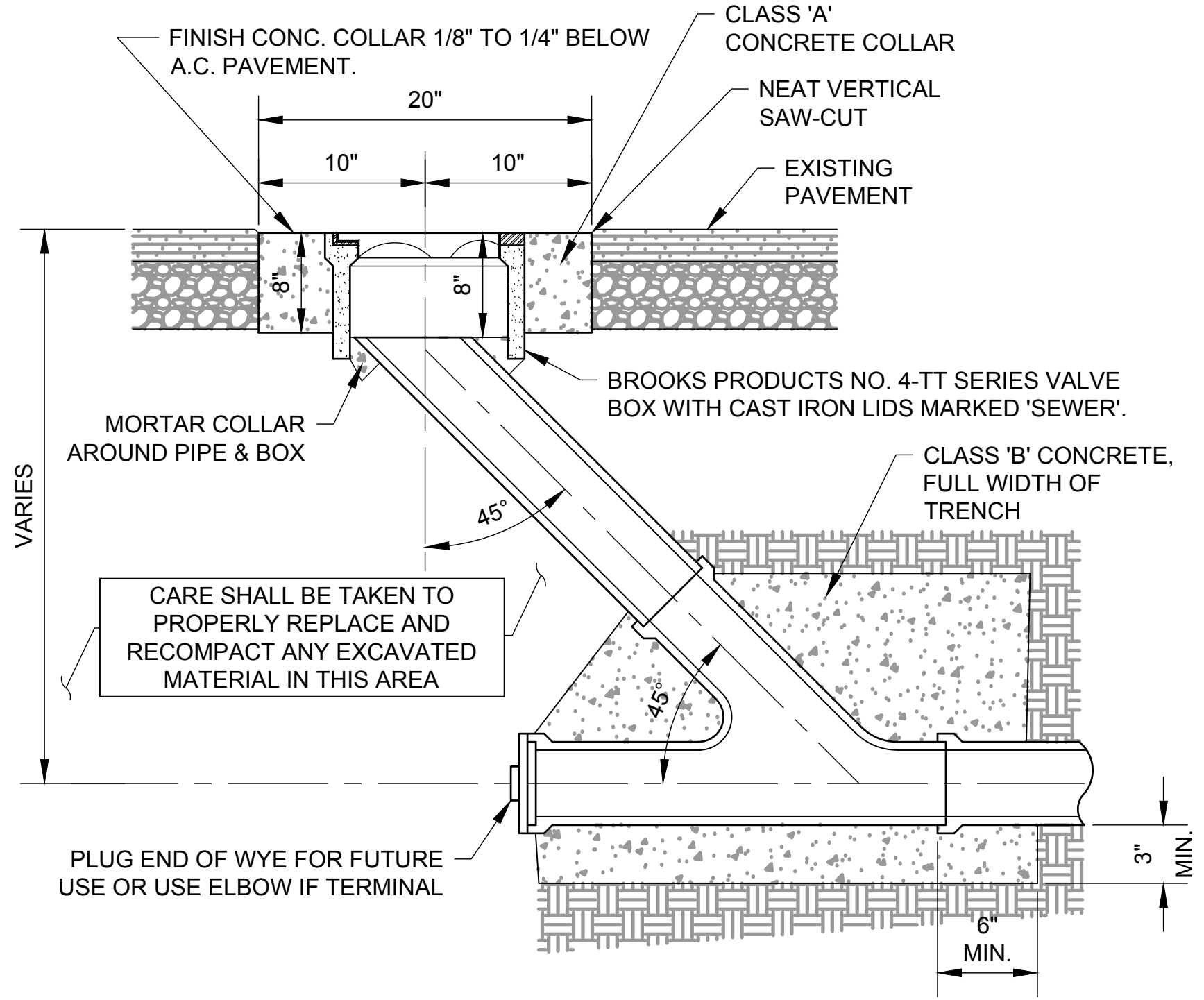
DATE 09/21/2021
 JOB NO. DGS 140724
 SHEET TITLE
DOVER PARKWAY STRIPING AND SIGNAGE
 SHEET NO.
ST4.01

ONE AND ONE-HALF INCH = ONE FOOT
 ONE INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-HALF INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET



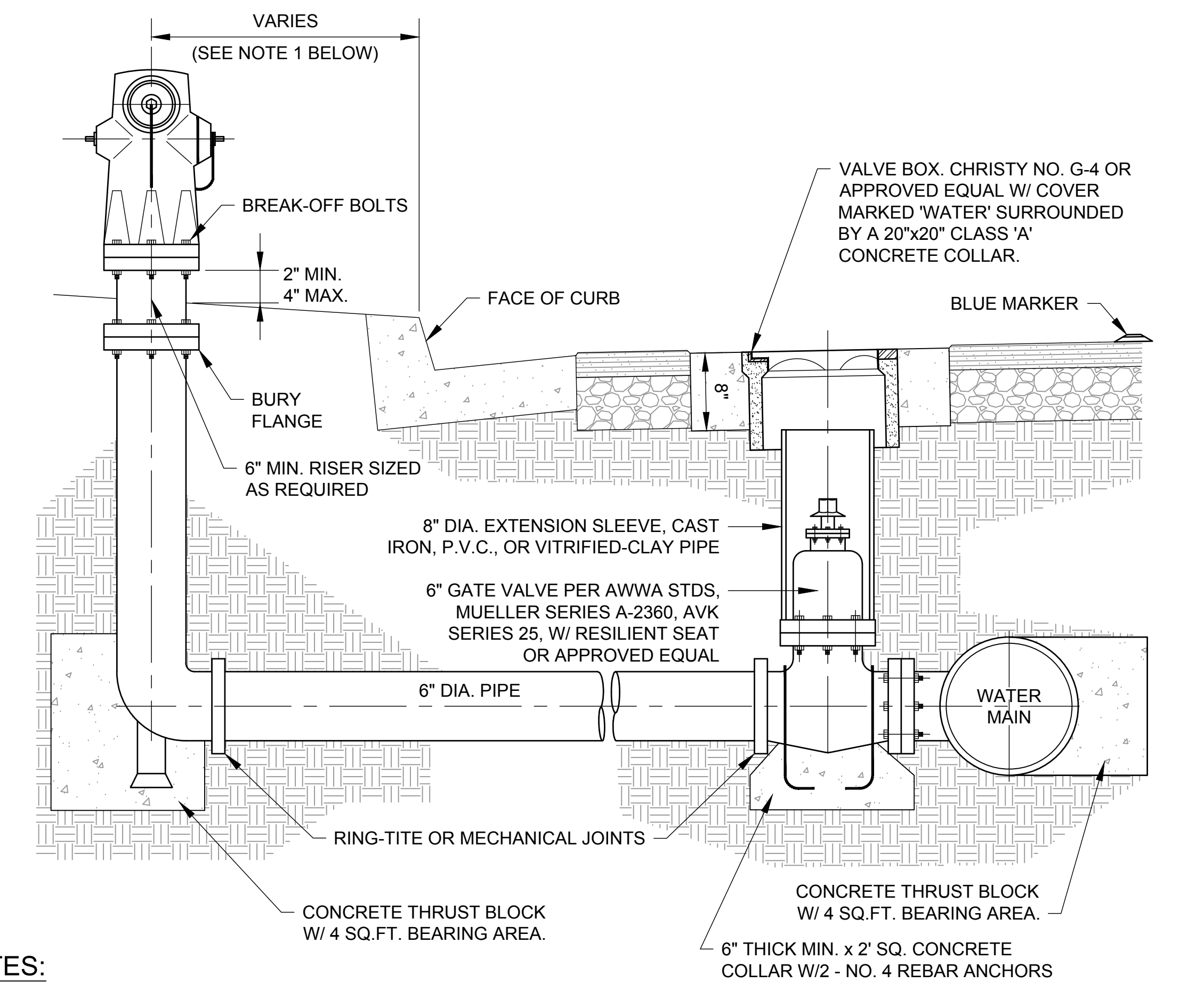
- NOTES:**
- MANHOLE FRAME & COVER SHALL BE ALHAMBRA FOUNDRY A-1254, OR APPROVED EQUAL.
 - SEAT OF M.H. FRAME & COVER SHALL BE MACHINE FIT, FRAME SHALL WEIGH NOT LESS THAN 165 LBS. & COVER NOT LESS THAN 150 LBS.
 - COVERS SHALL BE LETTERED "SANITARY SEWER" AND SHALL BE DIPPED IN ASPHALT PAINT.
 - KENT SEAL OR APPROVED EQUAL MAY BE USED IN PLACE OF MORTAR JOINTS.

1 SEWER ACCESS STRUCTURE
NTS CITY OF DELANO STANDARD S1



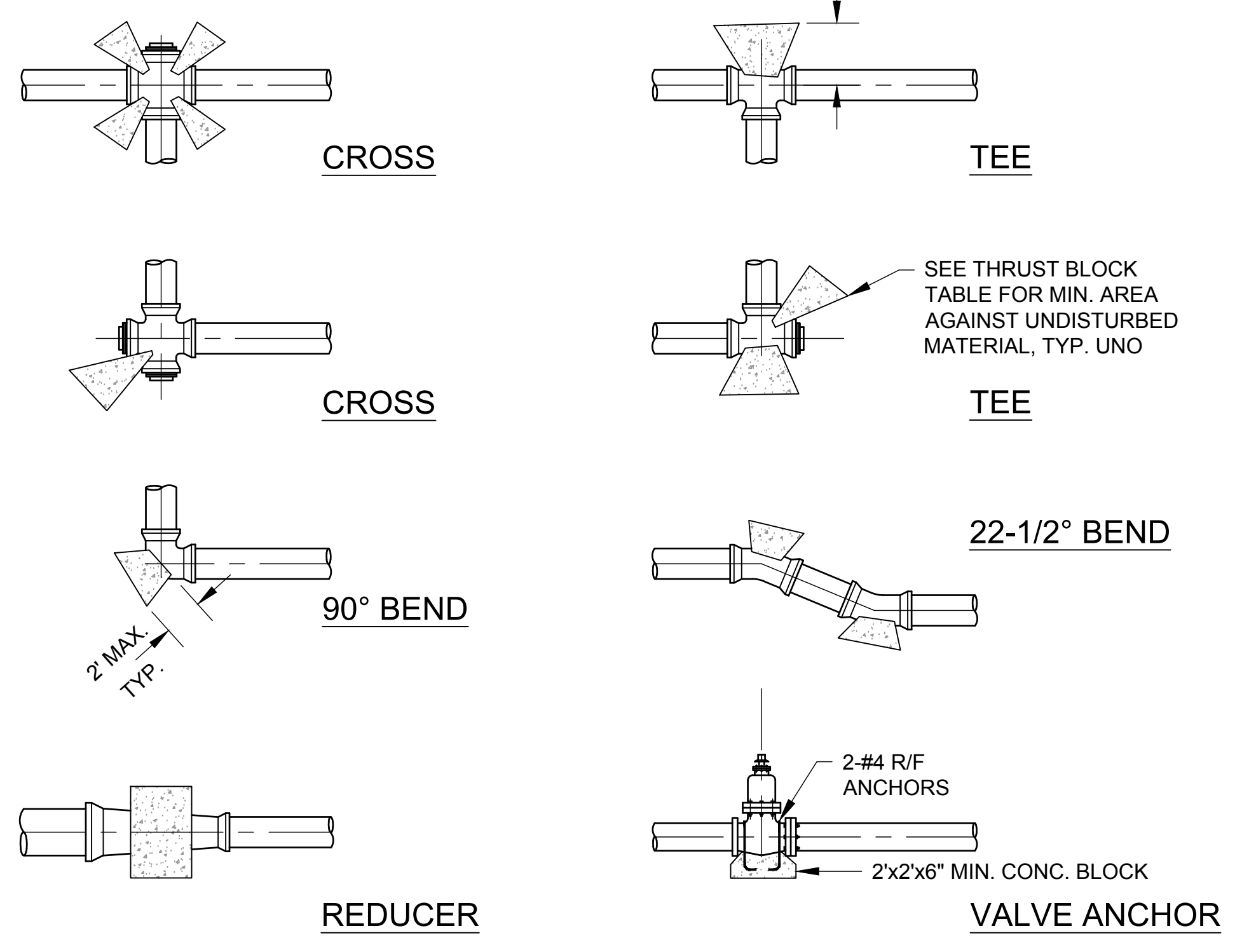
- NOTES:**
- CLEANOUT LINE SHALL BE THE SAME DIAMETER AND MATERIAL AS MAIN LINE, 8" DIA. MIN.
 - SEE SI-21 FOR BACKFILL REQUIREMENTS.
 - CONCRETE THRUST BLOCK SHALL BE CLASS 'B' 5 SACK MIX.

2 SEWER MAIN CLEAN-OUT
NTS CITY OF DELANO STANDARD S4



- NOTES:**
- PLACE HYDRANT 18" BEHIND SIDEWALK WHEN SIDEWALK IS TYPE I, OR 18" BEHIND FACE OF CURB WHEN SIDEWALK IS TYPE II OR WHERE NO SIDEWALK IS REQUIRED. BREAK-OFF BOLTS REQUIRED ON ALL HYDRANTS.
 - ALL HYDRANTS, WHEN INSTALLED, SHALL HAVE A MINIMUM OF 3' CLEAR TO ANY OBSTRUCTIONS.
 - COMMERCIAL FIRE HYDRANT SHALL BE AVK NO. 2490 W/ 2 - 2-1/2" NOZZLES AND 1 - 4-1/2" NOZZLE.
 - INSTALL BLUE MARKERS 12" (INCHES) FROM CENTERLINE OPPOSITE FIRE HYDRANT.
 - 4-1/2" STEAMER CONNECTION SHALL FACE STREET AND 2-1/2" SHALL LAY PARALLEL WITH SAID STREET.
 - NO WATER SERVICES SHALL BE INSTALLED BETWEEN THE FIRE HYDRANT AND THE 6" GATE VALVE.
 - CONCRETE THRUST BLOCKS SHALL BE CLASS 'B' 5 SACK MIX. HAND-MIXING WILL NOT BE ALLOWED.

3 FIRE HYDRANT ASSEMBLY
NTS CITY OF DELANO STANDARD W1

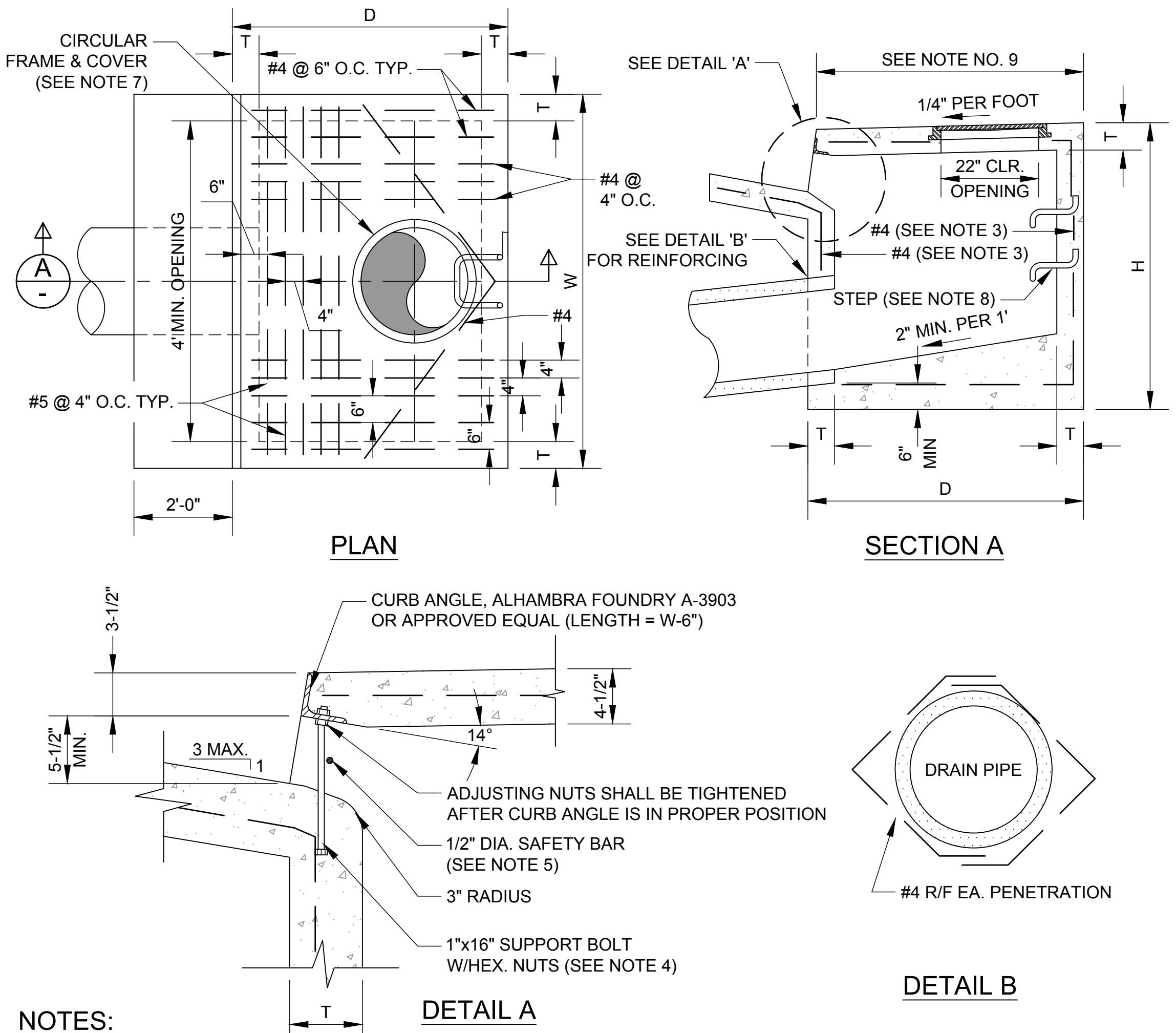


THRUST BLOCK SCHEDULE

PIPE SIZE	BEARING AREA IN SQUARE FEET			
	TEE OR PLUG	90° ELL OR HYDRANT	45° BEND	22-1/2° BEND
4"	2	2	2	1
6"	3	4	2	2
8"	5	7	4	2
10"	8	11	6	3
12"	11	16	8	4

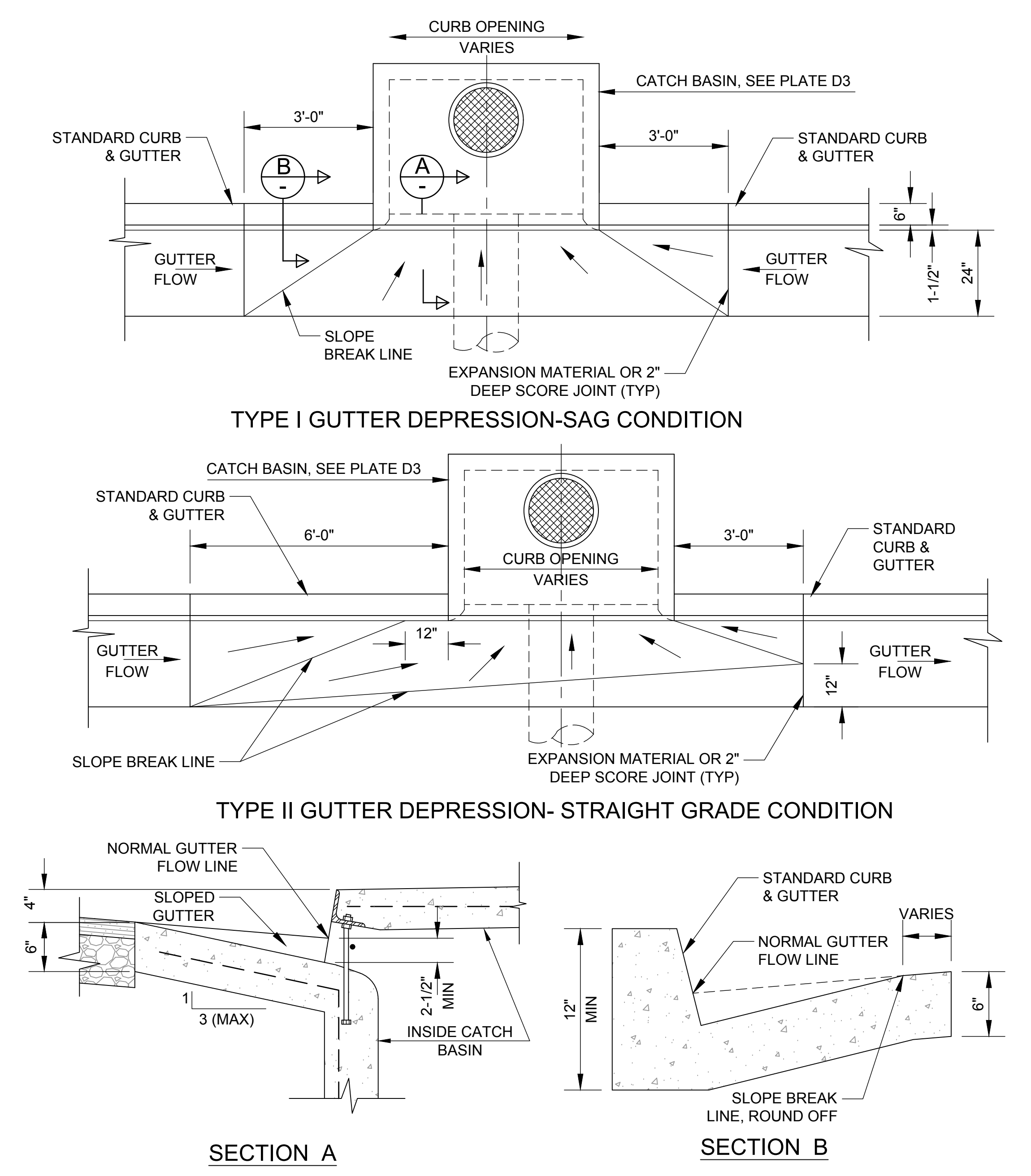
- NOTES:**
- ALL THRUST BLOCKS SHALL BE POURED AGAINST UNDISTURBED SOIL AND CONCRETE SHALL BE PLACED BEHIND BELLS OF FITTINGS.
 - BEARING AREAS SHOWN IN TABLE ARE BASED ON ALLOWABLE SOIL PRESSURE OF 1500 p.s.f.
 - MAXIMUM DEPTH OF THRUST BLOCK, DISTANCE FROM PIPE FITTING TO BEARING SURFACE, SHALL BE 2" MAX.
 - CONCRETE THRUST BLOCKS SHALL BE CLASS 'B', 5 SACK MIX. NO HANDMIXING WILL BE ALLOWED.
 - ALL FITTINGS AND VALVES SHALL BE WRAPPED IN 8 MIL. POLYETHYLENE WRAP PRIOR TO POURING CONCRETE.

4 THRUST BLOCK DETAILS
NTS CITY OF DELANO STANDARD W3



- NOTES:**
- ALL CONCRETE SHALL BE CLASS 'A' (6 SACK/CU.YD.). WALL THICKNESS (T), T=6" EXCEPT WHEN:
H>8", THEN T=8" (ALL WALLS)
W>8", THEN T=8" (FRONT & BACK WALLS ONLY)
D>8", THEN T=8" (SIDE WALLS ONLY)
IF EXISTING GROUND IS USED AS THE OUTER FORM OF THE STRUCTURE, THEN T=8" (ALL WALLS).
 - ALL REINFORCING STEEL IN THE WALLS & BOTTOM OF STRUCTURE SHALL BE NO. 4 R/F AT 12" O.C. BOTH WAYS, FOR REINFORCING OF STRUCTURE TOP.
 - OPENING EXCEEDS 70". BOLTS SHALL BE SPACED AT NOT MORE THAN 70" O.C. AND NOT LESS THAN 50" O.C.
 - A 1/2" DIA. GALVANIZED STEEL SAFETY BAR SHALL BE PLACED AT 1/2 THE THROAT OPENING WHEN THE THROAT OPENING IS GREATER THAN 7 INCHES.
 - PRECAST CONCRETE CATCH BASINS MAY BE USED UPON APPROVAL OF THE CITY ENGINEER.
 - CIRCULAR FRAME FOUNDRY A-1530 OR APPROVED EQUAL WITH 3/4" SOCKET HEAD SET SCREWS.
 - STEPS SHALL BE ALHAMBRA FOUNDRY A-3308 OR APPROVED EQUAL AND SHALL BE INSTALLED IN ACCORDANCE WITH OSHA REGULATIONS.
 - TOP OF CATCH BASIN SHALL BE CONSTRUCTED TO MATCH THE WIDTH OF EXISTING OR FUTURE SIDEWALK IN THE AREA. NO STRUCTURE SHALL BE LOCATED WITHIN A CURB RADIUS AT STREET INTERSECTIONS.

5 TYPICAL DROP INLET
NTS CITY OF DELANO STANDARD D3



6 CATCH BASIN DEPRESSION
NTS CITY OF DELANO STANDARD D4

REGISTERED PROFESSIONAL ENGINEER
C 87304
CIVIL
STATE OF CALIFORNIA
09/21/2021
AECOM
CONSULTANT
nacht&lewis
600 O Street, Suite 100
Sacramento, CA 95811
www.nachtlewis.com
P 916.329.4000

ARCHITECT

REVISIONS

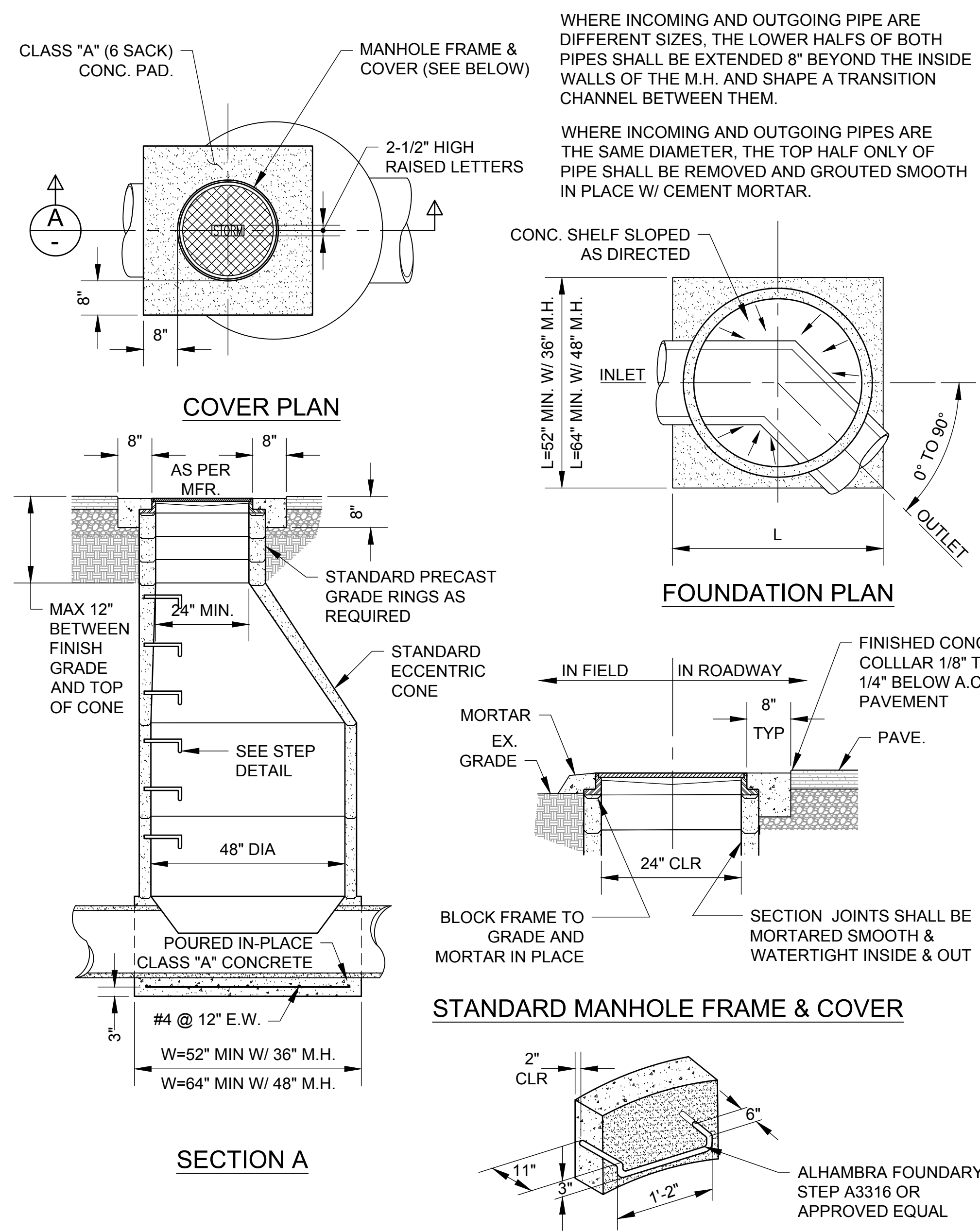
NO.	DESCRIPTION	DATE

DATE 09/21/2021
JOB NO. DGS 140724
SHEET TITLE

CITY STANDARD DETAILS (1 OF 3)

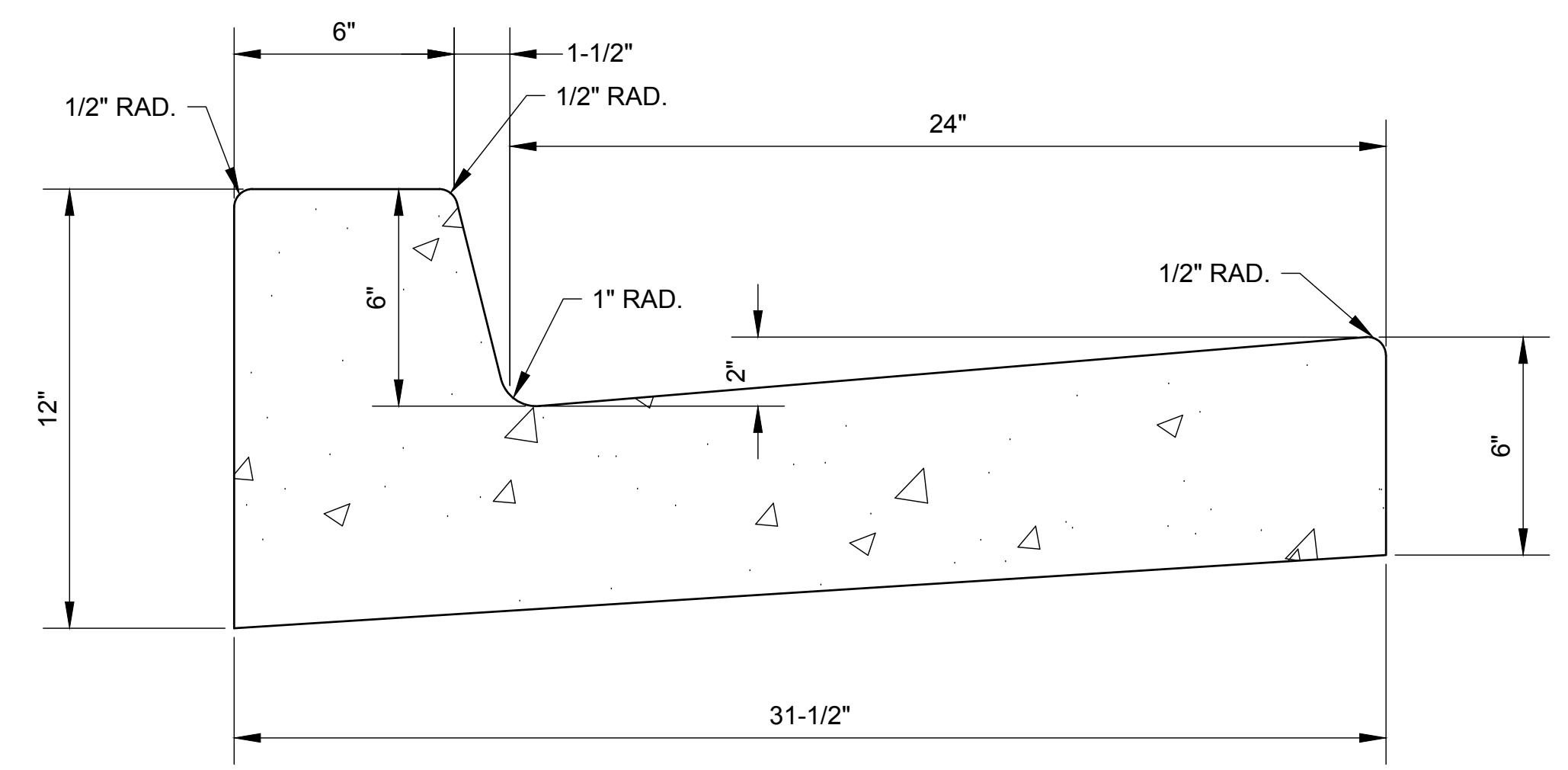
SHEET NO. **ST5.01**

ONE AND ONE-HALF INCH = ONE FOOT
 ONE INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-HALF INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET



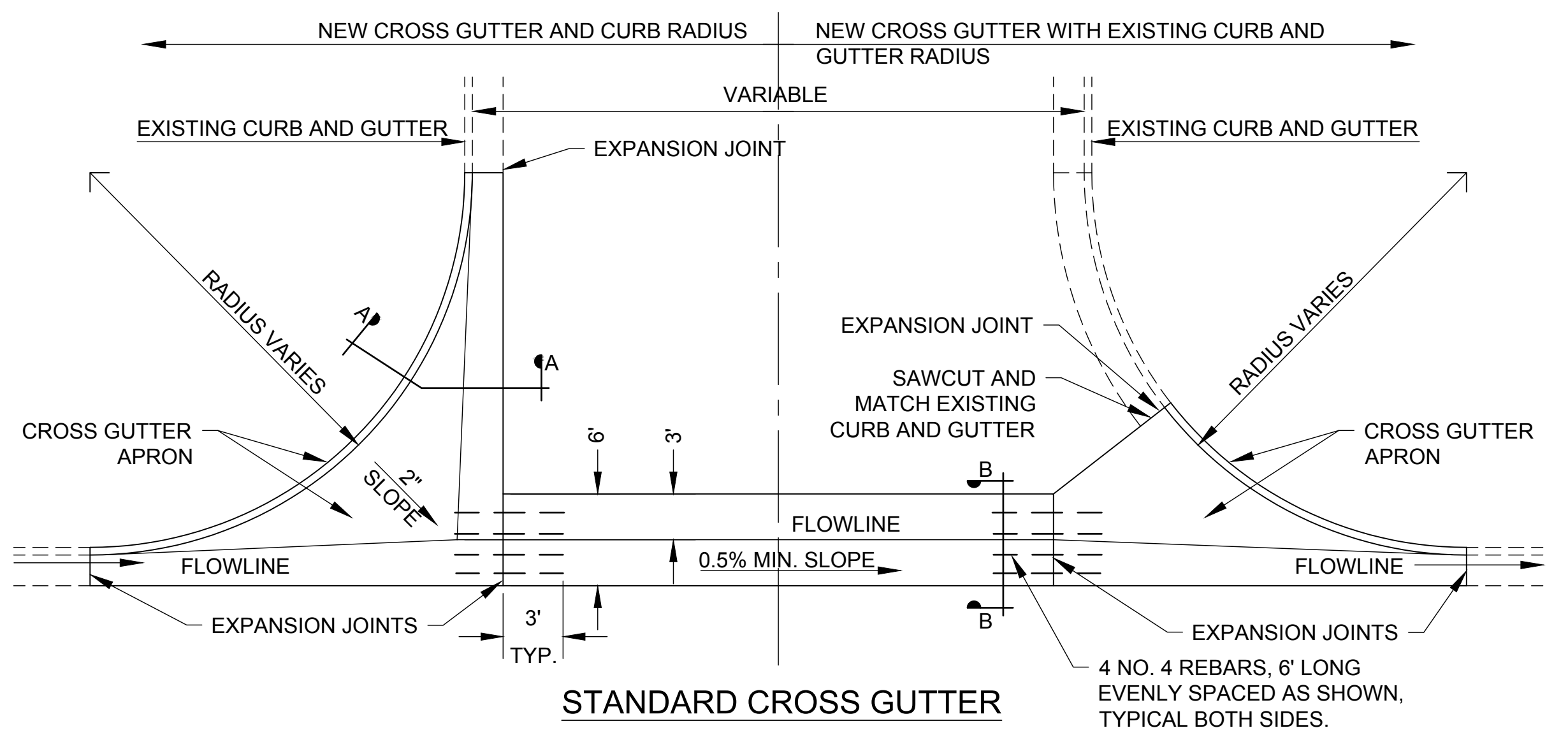
- NOTES:**
- MANHOLE FRAME SHALL WEIGH NOT LESS THAN 165 LBS. AND THE COVER NO LESS THAN 150 LBS.
 - ALL MATERIALS USED IN MFG. OF M.H. FRAME & COVER SHALL CONFORM TO ASTM 48-30.
 - FRAME & COVER BEARING SURFACES MACHINED TO ASSURE CLOSE, QUITE FIT.
 - CASTINGS SHALL BE DIPPED IN BLACK BITUMINOUS PAINT.
 - FRAME AND COVER SHALL EXCEED H-20 WHEEL LOADING.
 - STANDARD COVER MARKINGS: "STORM DRAIN".
 - MANHOLE FRAME AND COVERS SHALL BE: ALHAMBRA FOUNDRY A-1254 OR APPROVED EQUAL.

1 STANDARD STORM DRAIN MANHOLE
 NTS CITY OF DELANO STANDARD D5



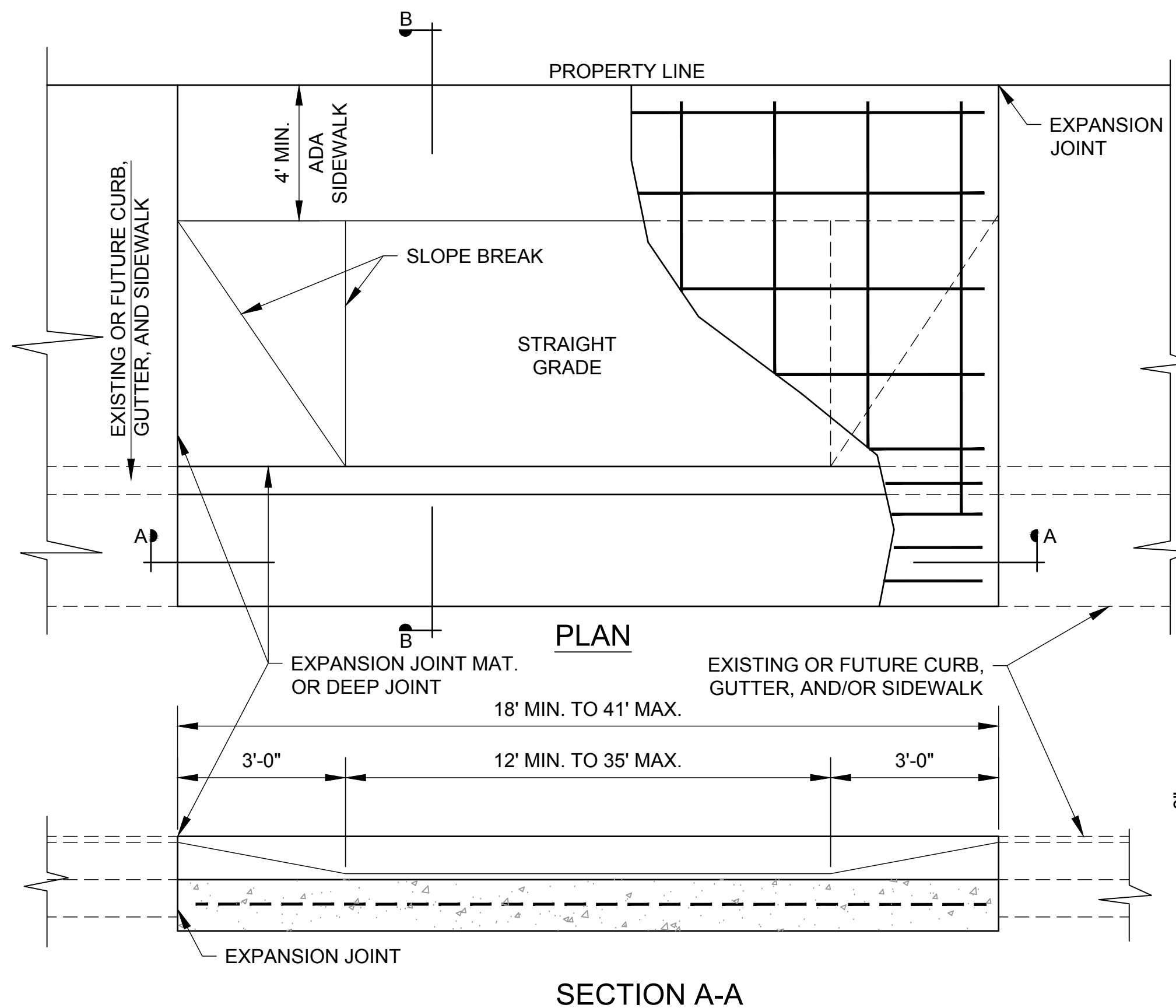
- NOTES:**
- ALL CONCRETE SHALL BE CLASS "B" (5 SACKS/Cu. Yd.).
 - EXPANSION JOINT MATERIAL, 1/2" THICK, OR 2" DEEP WEAKENED PLANE JOINTS SHALL BE PLACED IN CURB AND GUTTER AT 15' INTERVALS AND AT THE ENDS OF CURB RADI OR DRIVEWAY APPROACHES.
 - CURB AND GUTTER SUBGRADE SHALL BE WATERED AND ROLLED OR TAMPED TO 90% RELATIVE COMPACTION.
 - TOP AND FACE OF CURB SHALL BE TROWELED SMOOTH AND FINISHED WITH A FINE BRUSH. GUTTER SHALL BE GIVEN A BROOM FINISH WITH STROKES PARALLEL TO FACE OF CURB. GUTTER FLOWLINE SHALL NOT VARY MORE THAN 1/8" FROM GRADE.
 - CONCRETE SHALL BE CURED BY AN IMMEDIATE APPLICATION OF PIGMENTED CURING COMPOUND.
 - SEE PLATE S115 FOR DRIVEWAY APPROACH CURB AND GUTTER REQUIREMENTS.

2 STANDARD CURB AND GUTTER
 NTS CITY OF DELANO STANDARD PLATE S112

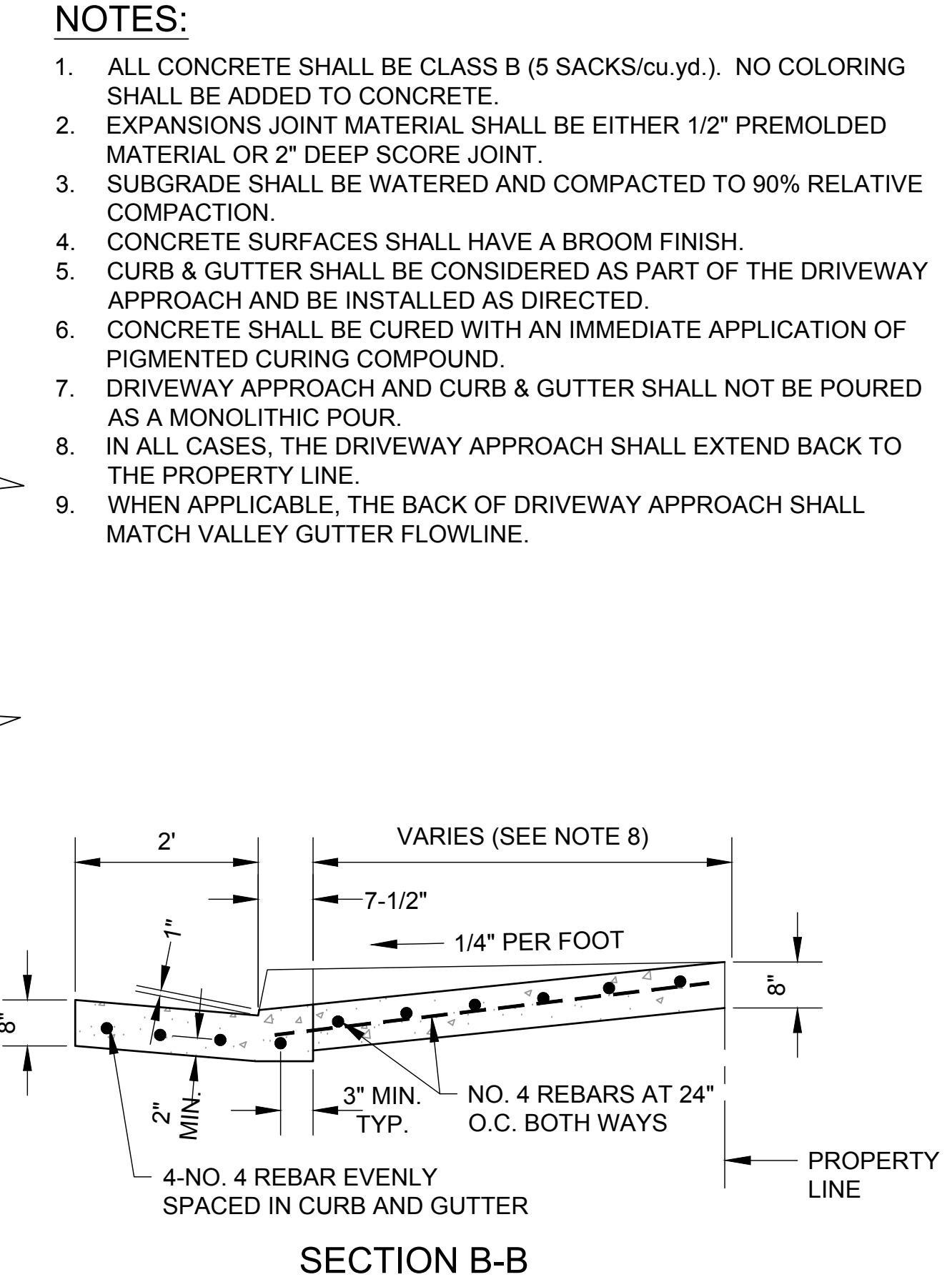


- NOTES:**
- ALL CONCRETE SHALL BE CLASS "B" (5 SACKS/Cu. Yd.).
 - ALL GUTTER SURFACES SHALL BE GIVEN A BROOM FINISH WITH STROKES PARALLEL TO GUTTER FLOWLINE AND SHALL BE CURED WITH AN IMMEDIATE APPLICATION OF PIGMENTED CURING COMPOUND.
 - SUBGRADE SHALL BE WATERED AND COMPACTION TO 90% RELATIVE COMPACTION.
 - ALL EXPANSION JOINTS SHALL CONSIST OF 1/2" PREMOLDED JOINT MATERIAL. ADDITIONAL EXPANSION JOINTS MAY BE REQUIRED AS PER CITY ENGINEER.
 - WHEN WHEELCHAIR RAMP ARE CONSTRUCTED, CROSS GUTTER APRON SHALL BE CONSIDERED AS PART OF THE WHEELCHAIR RAMP. SEE CITY OF DELANO STANDARD PLATE S118.
 - CROSS GUTTER SHALL HAVE A 0.5% MINIMUM SLOPE.

3 STANDARD CROSS GUTTER
 NTS CITY OF DELANO STANDARD PLATE S113

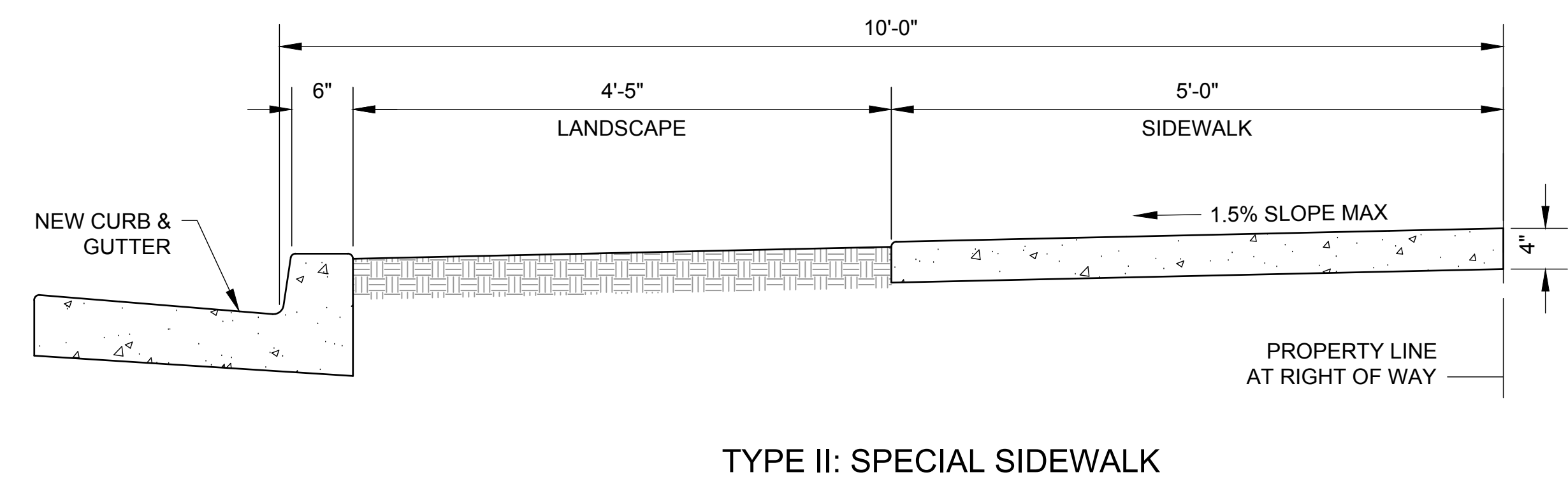


4 ALLEY AND COMMERCIAL DRIVEWAY APPROACH
 NTS CITY OF DELANO STANDARD PLATE S115



- NOTES:**
- ALL CONCRETE SHALL BE CLASS B (5 SACKS/cu.yd.). NO COLORING SHALL BE ADDED TO CONCRETE.
 - EXPANSIONS JOINT MATERIAL SHALL BE EITHER 1/2" PREMOLDED MATERIAL OR 2" DEEP SCORE JOINT.
 - SUBGRADE SHALL BE WATERED AND COMPACTION TO 90% RELATIVE COMPACTION.
 - CONCRETE SURFACES SHALL HAVE A BROOM FINISH.
 - CURB & GUTTER SHALL BE CONSIDERED AS PART OF THE DRIVEWAY APPROACH AND BE INSTALLED AS DIRECTED.
 - CONCRETE SHALL BE CURED WITH AN IMMEDIATE APPLICATION OF PIGMENTED CURING COMPOUND.
 - DRIVEWAY APPROACH AND CURB & GUTTER SHALL NOT BE POURED AS A MONOLITHIC POUR.
 - IN ALL CASES, THE DRIVEWAY APPROACH SHALL EXTEND BACK TO THE PROPERTY LINE.
 - WHEN APPLICABLE, THE BACK OF DRIVEWAY APPROACH SHALL MATCH VALLEY GUTTER FLOWLINE.

5 TYPICAL SIDEWALK
 NTS CITY OF DELANO STANDARD PLATE S117



- NOTES:**
- ALL CONCRETE SHALL BE CLASS B (5 SACKS/cu.yd.).
 - SIDEWALK SUBGRADE SHALL BE WATERED AND COMPACTION PRIOR TO PLACING CONCRETE.
 - SIDEWALK CONCRETE SHALL BE SCREED TO SECTION, COMPACTION WITH A METAL GRID TO GIVE A 3/8" LAYER OF MORTAR ON THE SURFACE, FINISHED WITH A WOODEN FLOAT TO A MAXIMUM VARIATION OF 1/8", TROWELED SMOOTH, AND GIVEN A FINE BROOM FINISH TRANSVERSE TO THE DIRECTION OF THE TRAFFIC.
 - SCORING SHALL BE TRANSVERSE TO THE DIRECTION OF TRAFFIC AND AT INTERVALS OF 5'.
 - CONCRETE SHALL BE CURED BY AN IMMEDIATE APPLICATION OF A PIGMENTED CURING COMPOUND.
 - EXPANSION JOINTS, 1/2" PREMOLDED MATERIAL OR 2" DEEP WEAKENED PLANE JOINTS, SHALL BE PLACED AT 30' INTERVALS, AT THE BEGINNING AND END OF CURB RADI, AND ON EACH SIDE OF DRIVEWAY APPROACHES. WHEN POSSIBLE, EXPANSION JOINTS SHALL LINE UP WITH EXISTING EXPANSION JOINTS IN CURB AND GUTTER.

5 TYPICAL SIDEWALK
 NTS CITY OF DELANO STANDARD PLATE S117

CALIFORNIA DEPARTMENT OF MOTOR VEHICLES - DMV
 Dover Parkway, Delano
 California Department of General Services

REGISTERED PROFESSIONAL ENGINEER
 C 87304
 CIVIL
 STATE OF CALIFORNIA
 09/21/2021
AECOM
 CONSULTANT
nacht&lewis
 600 O Street, Suite 100
 Sacramento, CA 95811
 www.nachtlewis.com
 P 916.329.4000

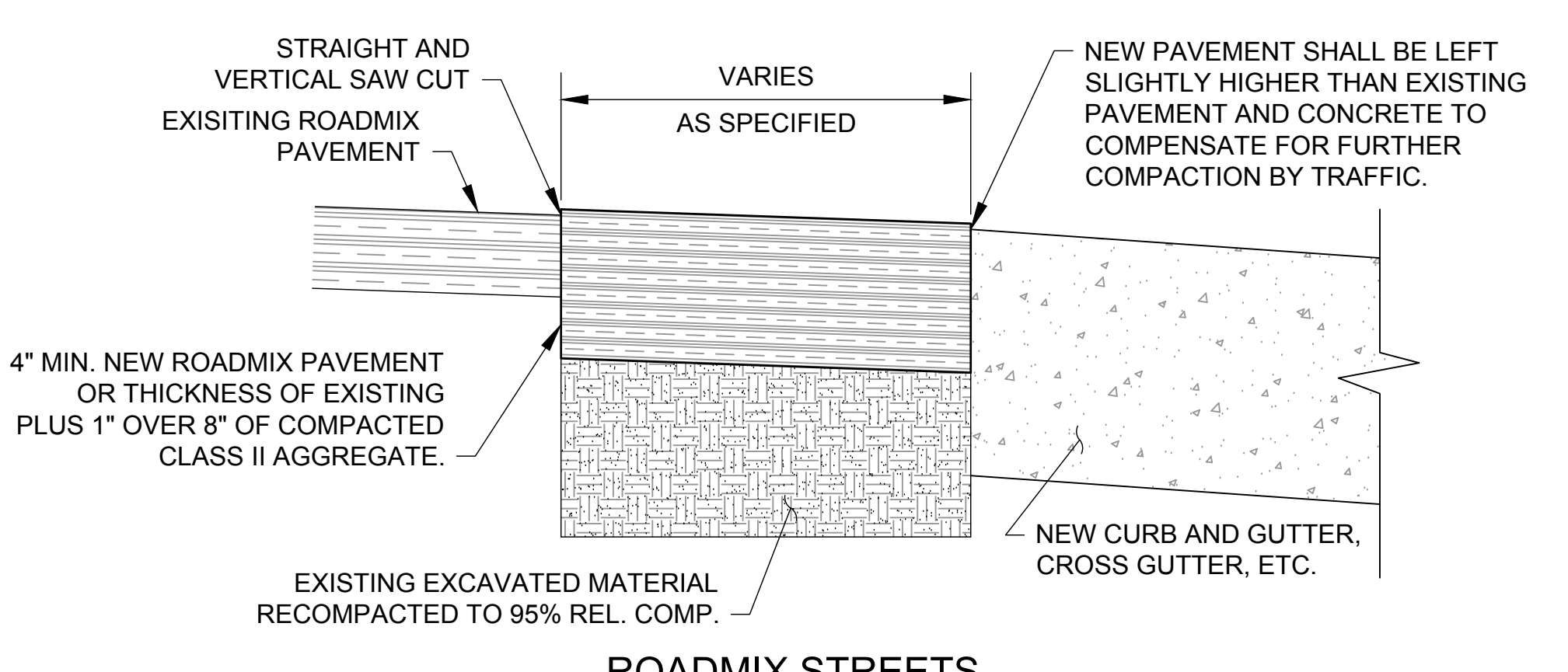
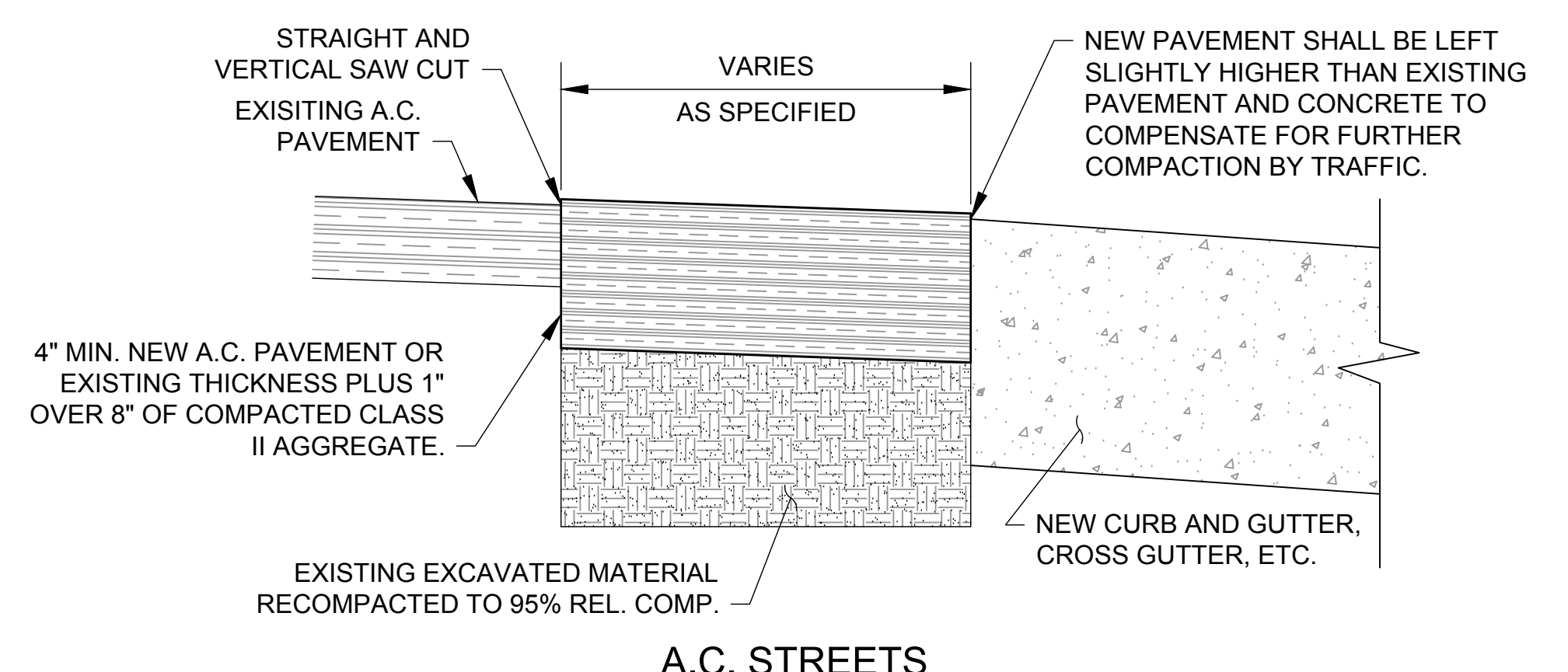
ARCHITECT

REVISIONS		
NO.	DESCRIPTION	DATE

DATE 09/21/2021
 JOB NO. DGS 140724
 SHEET TITLE

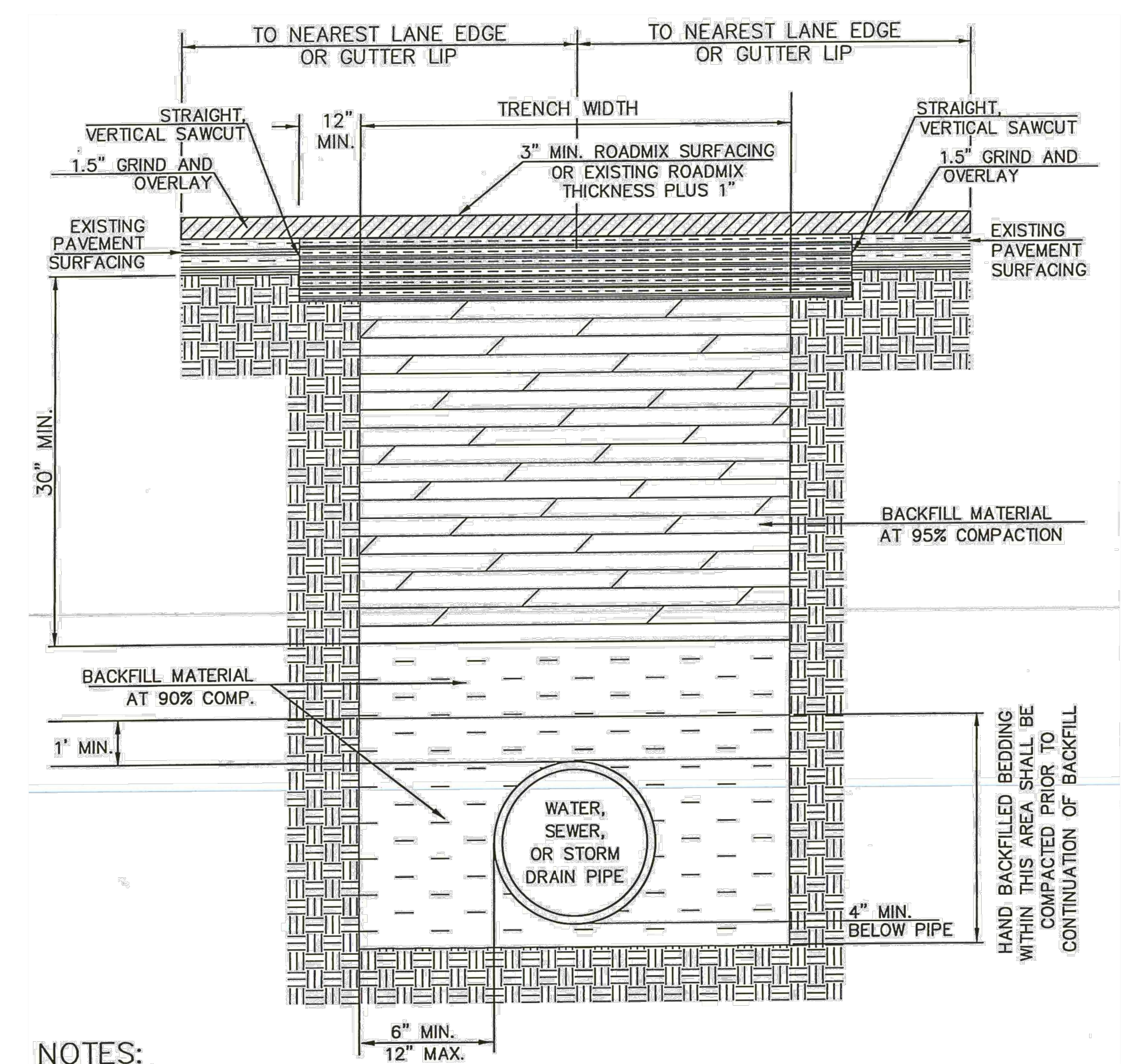
CITY STANDARD DETAILS (2 OF 3)
 SHEET NO. ST5.02
 ISSUE DATE: JULY 20, 2023

ONE AND ONE-HALF INCH = ONE FOOT
 ONE INCH = ONE FOOT
 THREE-QUARTERS INCH = ONE FOOT
 ONE-HALF INCH = ONE FOOT
 ONE-QUARTER INCH = ONE FOOT
 ONE-EIGHTH INCH = ONE FOOT
 ONE-SIXTEENTH INCH = ONE FOOT
 ONE INCH = TWENTY FEET



- NOTES:**
1. ALL EXISTING VERTICAL SURFACES SHALL BE COATED WITH AN ASPHALTIC PAINT BINDER (TACK COAT) PRIOR TO PLACING NEW PAVEMENT.
 2. ALL NEW PAVEMENT SHALL BE COMPACTED BY MECHANICAL MEANS.

1 PAVEMENT TIE-IN DETAIL
 NTS CITY OF DELANO STANDARD PLATE S119



- NOTES:**
- 1) BACKFILL MATERIAL SHALL BE PLACED IN 8" LIFTS OF PROPERLY MOISTENED AND COMPACTED MATERIAL.
 - 2) EXISTING SURFACING SHALL BE TRIMED EXTRA WIDTH AFTER TRENCH IS BACKFILLED, AND BASE MATERIAL IS IN PLACE AND COMPACTED.
 - 3) ASPHALTIC PAINT BINDER SHALL BE APPLIED TO ALL CONTACT SURFACES OF EXISTING PAVEMENT AND CONCRETE IMMEDIATELY PRIOR TO PAVING OF TRENCH.
 - 4) POTHOLES PATCHES SHALL BE A MINIMUM OF 10' x 10' GRIND AND 1.5" OVERLAY

2 BACKFILL AND PAVEMENT REQUIREMENTS FOR STREETS WITH PAVEMENT CONDITION INDEX OF 70 AND GREATER
 NTS CITY OF DELANO STANDARD PLATE S121B



09/21/2021
AECOM
 CONSULTANT
nacht&lewis
 600 O Street, Suite 100
 Sacramento, CA 95811
 www.nachtlewis.com
 P 916.329.4000

ARCHITECT

REVISIONS		
NO.	DESCRIPTION	DATE

DATE 09/21/2021
 JOB NO. DGS 140724
 SHEET TITLE

CITY STANDARD DETAILS (3 OF 3)

SHEET NO.

ST5.03