PAY QUANTITIES (BASE BID)

ITEM #	ITEM		UNIT	QUANTITY	AS-BUILT
1.	SUPERPAVE, TYPE S5 (PG 70-28)		TON	170	
2.	TYPE A AGGREGATE		C.Y.	740	
3.	TACK COAT		GAL.	665	
4.	MANHOLE (6' DIAMETER)	(14)(15)	EA.	4	
5.	36" x 23" R.C. ARCH PIPE	(14)	L.F.	350	
6.	44" x 27" R.C. ARCH PIPE	(14)	L.F.	1350	
7.	12" RCP	(14)	L.F.	120	
8.	15" RCP	(14)	L.F.	24	
9.	18" RCP	(14)	L.F.	24	
10.	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(04)(05)(14)	LSUM	1	
11.	REMOVAL OF ASPHALT PAVEMENT	(5)	S.Y.	1313	
12.	SAWING PAVEMENT		L.F.	3405	
13.	REMOVAL OF 12" STORM DRAIN PIPE	(5) (14)	L.F.	120	
14.	REMOVAL OF 15" STORM DRAIN PIPE	(5) (14)	L.F.	24	
15.	REMOVAL OF 18" STORM DRAIN PIPE	(5) (14)	L.F.	1750	
16.	REMOVAL OF 30" STORM DRAIN PIPE	(5) (14)	L.F.	40	
17.	REMOVAL OF MANHOLE	(5) (14)	EA.	5	
18.	REMOVAL OF CURB & GUTTER	(5) (14)	L.F.	175	
19.	TRAFFIC STRIPE (THERMOPLASTIC)(24" WHITE)		L.F.	432	
20.	TRAFFIC STRIPE (THERMOPLASTIC)(4" YELLOW)		L.F.	2765	
21.	TRAFFIC STRIPE (THERMOPLASTIC)(6" WHITE)		L.F.	710	
22.	TRAFFIC STRIPE (ARROW)		EA.	2	
23.	TRAFFIC STRIPE (WORD)		EA.	1	
24.	CONSTRUCTION SIGNS 6.26 SF TO 15.99 SF	(10)	S.D.	5040	
25.	DRUMS	(10)	S.D.	1200	
26.	TYPE III BARRICADE	(10)	S.D.	1200	
27.	DELIVER PORTABLE LONGITUDINAL BARRIER	(10)	L.F.	125	
28.	(PL) PORTABLE LONGITUDINAL BARRIER DELINEATOR	(10)	S.D.	15000	
29.	18" SOLID SLAB SODDING	(1)(2)(3)	S.Y.	50	
30.	INLET PROTECTION DEVICES	(3)	EA.	11	
31.	REMOVAL AND REPLACEMENT OF CHANNEL RETAINING WALL	(5)	LSUM	1	
32.	3" SURGE ROCK	(13)	TON	250	
33.	DEWATERING	(12)	LSUM	1	
34.	6" BARRIER CURB AND GUTTER		L.F.	175	
35.	6" CONCRETE DRIVEWAY (HES)	(9)	S.Y.	43	
36.	CONSTRUCTION STAKING	(6)	LSUM	1	
37.	MOBILIZATION		LSUM	1	
38.	SWPPP DOCUMENTATION AND MANAGEMENT	(3)	LSUM	1	
39.	(PL) REMOVE AND RESET EXISTING SIGNS	(11)	EA.	2	
40.	LEAKAGE TESTING		LSUM	1	
41.	EROSION BARRIER	(3)	L.F.	50	
42.	DOGHOUSE MANHOLE (4' DIAMETER)		EA.	1	
43.	8" SANITARY SEWER PIPE	(14)	L.F.	165	
44.	REMOVAL OF CONCRETE DRIVEWAY	(5)	S.Y.	43	
45.	4' DIAMETER MANHOLE	(14)(15)	EA.	1	
46.	1" SERVICE LINE REMOVAL AND REPLACEMENT	(7)(8)	EA.	20	
47.	8" CONCRETE UTILITY TRENCH REPAIR (HES)	(16)	S.Y.	1400	
48.	P.C. CONCRETE (3500 PSI)	(17)	C.Y	50	
49.	MANHOLE (8' DIAMETER)	(14) (15)	EA.	5	

1

PAY QUANTITIES (ADD ALTERNATE 1)

ITEM #	ITEM		UNIT	QUANTITY	AS-BUILT
	ADD ALTERNATE 1				
1.	2" MILL OF ASPHALT PAVEMENT	(5) (18)	S.Y.	7557	
2.	SUPERPAVE, TYPE S5 (2" OVERLAY)	(18)	TON	850	

1

UTILITY CONTACTS

UTILITY PROVIDER	CONTACT NAME	PHONE NUMBER
OKLAHOMA NATURAL GAS	DEREK ROPER	405-556-6459
INDIAN NATIONS FIBER OPTIC	EDDIE TOMLINSON	520-522-3837
OG&E	RAE ANNE LAWRENCE	405-553-5785
COX COMMUNICATIONS	MARK BOWLING	405-417-4064

GENERAL NOTES

SEE STANDARD SPECIFICATIONS FOR MAINTENANCE OF LOCAL AND THROUGH TRAFFIC.

FOR PROJECTS THAT INCLUDE WIDENING AND/OR RESURFACING, THE CONTRACTOR SHALL SCHEDULE OPERATIONS TO MINIMIZE POTENTIAL DROP-OFF HAZARDS AND SHALL SUBMIT A SEQUENCE OF ANY PORTION OF THE CONSTRUCTION OPERATIONS TO THE RESIDENT ENGINEER FOR APPROVAL BEFORE OPERATIONS BEGIN. ANY PORTION OF THE CONSTRUCTION OPERATIONS, SUCH AS SUPERPAVE LAYING OPERATIONS, EXCAVATION FOR PAVEMENT WIDENING, OR EXTENSION OF ROADWAY STRUCTURES, SHALL BE LIMITED TO ONE SIDE AT A TIME, AND THE PROCEDURES OUTLINED IN THE PAVEMENT DROP=OFF TREATMENT STANDARD PDT-1-(LATEST REVISION) SHALL BE IMPLEMENTED. ONLY THAT AMOUNT OF OPEN TRENCH WILL BE ALLOWED THAT CAN BE SURFACED IN 1 (ONE) DAY'S TIME WITHOUT APPROVAL BY THE ENGINEER. LIGHTS, SIGNS AND BARRICADES SHALL BE MOVED AS WORK PROGRESSES.

ALL TREES, BRUSH, AND OTHER DEBRIS THAT MIGHT INTERFERE WITH THE FLOW OF WATER SHALL BE CLEANED OUT TO THE RIGHT-OF-WAY LINE, AT EACH STRUCTURE AND BRIDGE, IN A MANNER APPROVED BY THE ENGINEER. ALL COSTS TO BE INCLUDED IN OTHER ITEMS OF WORK.

ALL FLOWLINES THAT ARE TO BE FILLED SHALL BE THOROUGHLY TAMPED BEFORE CONSTRUCTION OR EXTENSION OF DRAINAGE STRUCTURES. ALL COSTS TO BE INCLUDED IN OTHER ITEMS OF WORK.

IN ORDER TO ALLEVIATE DUST CONDITIONS DURING GRADING OPERATIONS AND BEFORE PAVEMENT WORK IS COMPLETED, THE CONTRACTOR SHALL SPRINKLE GRADING AT INTERVALS APPROVED BY THE ENGINEER. ALL COSTS TO BE INCLUDED IN OTHER ITEMS OF WORK.

THE CONTRACTOR SHALL NOT WASTE ANY EXCESS EXCAVATION UNTIL ALL PLANNED EMBANKMENTS AND BACKFILLS ARE COMPLETED. EXCESS UNCLASSIFIED EXCAVATION MATERIAL DETERMINED BY THE ENGINEER TO BE SUITABLE FOR BACKFILL SHALL BE USED TO REDUCE ANY UNCLASSIFIED BORROW NEEDED. COSTS OF SECOND HANDLING SHALL BE INCLUDED IN OTHER ITEMS OF WORK. ANY REMAINING EXCESS SPOILS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND BE DISPOSED OF IN A MANNER APPROVED BY THE ENGINEER.

PRIOR TO FINAL ACCEPTANCE, ALL EXPOSED CURB SURFACES SHALL BE CLEANED OF ALL DISCOLORATION SUCH AS ASPHALT STAINS, TIRE MARKS, OR OTHER DISFIGUREMENT.

ALL FEATURES OF THIS PROJECT INCLUDING, BUT NOT LIMITED TO, PATHS, SIDEWALKS, CURB RAMPS, AND CROSSWALK MARKINGS WILL COMPLY WITH THE PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG), PUBLISHED JULY 26, 2011. WHERE SPECIAL LIMITATIONS OF EXISTING FEATURES WITHIN THE LIMITS OF THE PROJECT PREVENT FULL COMPLIANCE WITH PROWAG, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE ENGINEER UPON DISCOVERY OF SUCH FEATURES. THE CONTRACTOR WILL NOT PROCEED WITH ANY OF THE WORK, WHICH IS NOT IN FULL COMPLIANCE WITH PROWAG, WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER. ANY WORK WHICH IS NOT PERFORMED WITHIN THE GUIDELINES OF PROWAG FOR WHICH THE CONTRACTOR DOES NOT HAVE WRITTEN APPROVAL WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.

THE CROSS SLOPE FOR PATHS, SIDEWALKS, AND RAMPS WITHIN THE LIMITS OF AN ACCESSIBLE ROUTE WILL NOT EXCEED 1:50 OR 2%.

RAMP LONGITUDINAL SLOPES WILL NOT EXCEED 1:12 OR 8.33%

THE CONTINUOUS PATH'S CROSS SLOPE WILL NOT EXCEED 2% THROUGH DRIVEWAYS. SEE DRIVEWAY DETAIL ON CITY OF NORMAN STANDARD DETAIL ST 16 (RESIDENTIAL DRIVEWAYS), ST 18 (COMMERCIAL DRIVEWAYS AND ALLEYS), AND ST 27.

ALL BASE OR PAVEMENT FAILURES THAT OCCUR AS A RESULT OF EXTENDED EXPOSURE TO INCLEMENT WEATHER SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR SHALL AGREE WITH THE CITY INSPECTOR AT THE END OF EACH WORKING DAY ON ALL REMOVAL ITEMS AND CONSTRUCTION ITEMS NOT MEASURABLE AFTER CONSTRUCTION IS COMPLETE.

ALL MATERIALS USED ON THIS PROJECT SHALL BE APPROVED BY THE ENGINEER IN WRITING.

THERE SHALL BE NO PAY ITEM REQUIRED FOR CONTRACTION OR EXPANSION JOINTS. THIS COST SHALL BE INCLUDED IN THE COST OF OTHER ITEMS.

CONTRACTOR SHALL CALL OKIE AT (405) 840-9957 OR 811 PRIOR TO ANY EXCAVATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND PRESERVE ALL UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION. THE CITY OF NORMAN SHALL NOT BE RESPONSIBLE FOR OR PAY FOR ANY DAMAGE CAUSED BY THE CONTRACTOR TO ANY UTILITY ABOVE OR BELOW GROUND.

CONTRACTOR TO ENSURE RESIDENTS MAINTAIN ACCESS TO THEIR PROPERTIES DURING THE CONSTRUCTION PROCESS.

ALL CONSTRUCTION PERFORMED UNDER THIS CONTRACT SHALL BE IN ACCORDANCE WITH THE CITY OF NORMAN STANDARD SPECIFICATIONS AND CONSTRUCTION DRAWINGS AND THE SPECIAL PROVISIONS INCLUDED HEREIN. IN CASE OF CONFLICT BETWEEN STIPULATION OF THE SPECIAL PROVISIONS AND THE STANDARD SPECIFICATION, THE SPECIAL PROVISIONS SHALL TAKE PRECEDENCE AND GOVERN. INTERPRETATION OF THE SPECIFICATIONS SHALL BE MADE BY THE ENGINEER.

THE WORK HEREIN CONTEMPLATED CONSISTS OF FURNISHING ALL TOOLS, LABOR, PLANT EQUIPMENT, MATERIALS AND PERFORMING ALL WORK NECESSARY FOR THE CONSTRUCTION, COMPLETE OF ALL IMPROVEMENTS, IN STRICT ACCORDANCE WITH THESE SPECIFICATIONS.

CONTRACTOR SHALL MAINTAIN A CLEAN AND ORDERLY WORK SITE THROUGHOUT PROJECT AND ENSURE ALL DEBRIS AND POTENTIAL HAZARDS ARE MANAGED APPROPRIATELY.

CONTRACTOR TO ENSURE PROPER DRAINAGE OF THE SITE THROUGHOUT CONSTRUCTION.

CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION STAKING.

CONTRACTOR SHALL NOTIFY THE CITY A MINIMUM OF 72 HOURS PRIOR TO ANY STREET OR LANE CLOSURE.

CONTRACTOR SHALL MAKE EVERY EFFORT TO PLACE NEW SANITARY AND STORM SEWERS OUTSIDE OF THE TYPICAL PATH OF VEHICLE TIRES.

CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING STORM SEWER FLOW AND SANITARY SEWER FLOW DURING CONSTRUCTION. EQUIPMENT (PUMPS, TEMPORARY PIPING) SHALL BE IN PLACE DURING THE CONSTRUCTION PROCESS AND BEFORE RAIN EVENTS.

1

GENERAL NOTES (ADD ALTERNATE 1)

REFERENCE ADD ALTERNATE LIMITS.

ROADWAY PAY QUANTITY NOTES

(1) PRICE BID TO INCLUDE COST OF (10-20-10) FERTILIZER, ESTIMATED AT 200 POUNDS PER 1000 S.Y. OF SODDING. PRICE BID TO INCLUDE COST OF (18-46-0) FERTILIZER, ESTIMATED AT 150 POUNDS PER ACRES OF TOPSOIL.

(2) PRICE BID TO INCLUDED COST OF WATERING, ESTIMATED AT 40 GALLONS PER S.Y.

(3) TEMPORARY EROSION AND SEDIMENT CONTROL SHALL CONSIST OF TEMPORARY MEASURES WITHIN THE PROJECT LIMITS AND MINIMIZE POLLUTION OF RIVERS STREAMS AND PRIVATE PROPERTIES. SUCH MEASURES MAY INCLUDE BERMS, DIKES, SLOPE DRAINS, BALE BARRIERS, SEDIMENT FILTERS, SEDIMENT BASINS, MULCHES, AND GRASSES. INCLUDES ALL UNPAVED AND DISTURBED AREAS WHICH SHALL RECEIVE SOLID SLAB SOD.

(4) INCLUDES REMOVAL OF ALL EXISTING ROADWAY DRAINAGE STRUCTURES, MANHOLES, HEADWALLS, PIPE SLEEVES (UNLESS OTHERWISE SPECIFIED), INLETS, FENCES, AND OTHER STRUCTURES WITHIN THE RIGHT-OF-WAY.

(5) TO BECOME THE PROPERTY OF AND BE DISPOSED OF BY THE CONTRACTOR IN A MANNER APPROVED BY THE ENGINEER.

(6) ESTABLISHMENT AND RE-ESTABLISHMENT OF HORIZONTAL AND VERTICAL CONTROL, INCLUDING THE SETTING AND RE-SETTING OF BENCHMARKS AND THE STAKING AND RE-STAKING OF RIGHT-OF-WAY, WILL BE INCLUDED IN THE PRICE BID FOR STAKING.

(7) CONTRACTOR SHALL CONTACT CITY OF NORMAN LINE MAINTENANCE AT (405) 329-0703 PRIOR TO WATER LINE RELOCATION OPERATIONS TO SHUT DOWN WATER MAIN. CONTRACTOR IS NOT ALLOWED TO OPERATE VALVES.

(8) CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO HOMEOWNERS TWENTY-FOUR (24) HOURS IN ADVANCE OF WATER MAIN SHUTOFF. NOTICE SHALL INCLUDE APPROXIMATE DURATION. SHUTOFF SHALL OCCUR DURING LOW FLOW TIMES, PREFERABLY MID-DAY, TO MINIMIZE IMPACT TO RESIDENTS.

(9) PAY ITEM INCLUDE PROVIDING PROPERTY OWNER ACCESS AT ALL TIMES INCLUDING TEMPORARY MATERIAL AS REQUIRED.

TRAFFIC PAY QUANTITY NOTES

(10) ALL CONSTRUCTION TRAFFIC CONTROL WILL BE IMPLEMENTED ACCORDING TO CONSTRUCTION PLANS, AND INSTALLED IN A MANNER APPROVED BY THE ENGINEER, IN ACCORDANCE WITH CHAPTER VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (CURRENT EDITION), AND COMPLIANT WITH APPLICABLE ODOT STANDARD DRAWINGS. PRICE BID FOR THIS ITEM SHALL BE PAYMENT IN FULL FOR THE INSTALLATION, MAINTENANCE AND SUBSEQUENT REMOVAL OF ALL NECESSARY CONSTRUCTION TRAFFIC CONTROL DEVICES AND PAVEMENT MARKINGS REQUIRED FOR COMPLETION OF THE PROJECT.

ALL SIGNS AND BARRICADES, WHICH ARE SHOWN WITH TYPE "A" LIGHTS IN THE STANDARD DRAWINGS SHALL HAVE THE CORRESPONDING LIGHT ATTACHED DURING NON-DAYLIGHT HOURS.

(11) REMOVAL OF EXISTING SIGNS SHALL INCLUDE THE REMOVAL OF A COMPLETE SIGN ASSEMBLY WHICH MAY INCLUDE MULTIPLE SIGNS, POSTS, FOOTINGS, AND ANY FOOTINGS ADJACENT TO THE SIGN ASSEMBLY. WHEN APPROVED BY THE ENGINEER, FOOTINGS MAY BE OBLITERATED TO A POINT BELOW GROUND LEVEL IN LIEU OF BEING COMPLETELY REMOVED. SEE GENERAL CONSTRUCTION NOTES FOR DISPOSAL OF OLD CONCRETE FOOTING MATERIAL.

DEWATERING PAY QUANTITY NOTES

(12) DEWATERING SHALL INCLUDE ALL COST ASSOCIATED WITH THE EXCAVATION AND DEWATERING REQUIRE TO CONSTRUCT STORM DRAINAGE PIPES, MANHOLES, SANITARY SEWER PIPES, AND MANHOLES IN THE DRY AND WORKABLE CONDITIONS. ALL WORK SHALL BE DONE IN THE ACCORDANCE TO THE CITY OF NORMAN STANDARD SPECIFICATIONS AND CONSTRUCTION DRAWINGS.

(13) 3" SURGE ROCK SHALL BE USED FOR THE STABILIZATION AND COMPACTION OF THE GROUND DURING THE DEWATERING OF THE INSTALLATION OF THE PIPES AND MANHOLES.

UTILITY POLE BRACING AND PROTECTION

(14) INSTALLATION OF SANITARY SEWER, STORM SEWER PIPES, MANHOLES, REMOVAL OF PAVEMENT AND CURB AND GUTTER SHALL BE INCLUDED IN THE COST OF COORDINATION WITH OG&E, PLUMB AND / OR BRACING OF UTILITY POLES AND THE PROTECTION OF UTILITY DOWN GUYS DURING CONSTRUCTION. AFTER CONSTRUCTION UTILITIES POLES SHALL BE TO THE ORIGINAL PLUMB BEFORE CONSTRUCTION AS DEEMED BY THE ENGINEER OR OG&E.

1

STORM SEWER NOTES

(15) ALL ITEMS ASSOCIATED WITH MANHOLES (FRAME, COVER, MASTIC MATERIAL) SHALL BE INCLUDED IN THE COST OF THIS ITEM.

PAVEMENT REPAIR – CONCRETE FOR UTILITY TRENCH

(16) ALL ITEMS ASSOCIATED WITH THE 8" (HES) UTILITY PAVEMENT TRENCH REPAIR (REBAR, PLACEMENT OF REBAR DOWELS, SAW CUT AFTER TRENCH HAS BEEN BACKFILLED AND PORTLAND CEMENT) SHALL BE INCLUDED WITHIN THIS ITEM.

CONCRETE

(17) 3500 PSI @ 28 DAYS – CONCRETE SHALL BE USE AT THE ENGINEER DISCRETION. FOR PROTECTION OF EXISTING EXPOSED PIPE CROSSING.

ADD ALTERNATE 1

(18) 2" MILL AND OVERLAY SHALL BE PERFORM UPON THE COMPLETION AND ACCEPTANCE OF THE STORM DRAIN PIPING INSTALLATION.

1

63 OKLAHOMA STATUTE ANNOTATED 63§981: ACTIVITY WITHIN SIX FEET OF HIGH VOLTAGE OVERHEAD LINE OR CONDUCTOR PROHIBITED:

NO PERSON, FIRM, CORPORATION OR ASSOCIATION SHALL, INDIVIDUALLY OR THROUGH AN AGENT OR EMPLOYEE AND NO PERSON AS AN AGENT OR EMPLOYEE OF ANY PERSON, FIRM, CORPORATION OR ASSOCIATION, SHALL PERFORM OR PERMIT ANY AGENT OR EMPLOYEE TO PERFORM ANY FUNCTION OR ACTIVITY UPON ANY LAND, BUILDING, HIGHWAY, OR OTHER PREMISES, WHEN IT IS POSSIBLE DURING THE PERFORMANCE OF SUCH ACTIVITY FOR ANY PERSON OR EMPLOYEE ENGAGED IN PERFORMING WORK CONNECTED WITH OR RELATED TO SUCH FUNCTION OR ACTIVITY TO MOVE TO OR TO BE PLACED IN A POSITION WITHIN SIX (6) FEET OF ANY HIGH VOLTAGE OVERHEAD ELECTRICAL LINE OR CONDUCTOR, OR WHEN IT IS POSSIBLE FOR ANY PART OF ANY TOOL, EQUIPMENT, MACHINERY OR MATERIAL TO BE USED BY ANY SUCH PERSON OR EMPLOYEE TO BE BROUGHT WITHIN SIX (6) FEET OF ANY SUCH OVERHEAD HIGH VOLTAGE LINE OR CONDUCTOR THROUGH ANY LATERAL, VERTICAL OR SWINGING MOTION DURING THE PERFORMANCE OF SUCH FUNCTION OR ACTIVITY.

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Crafton Tull
architecture | engineering | surveying
405.787.6270 t 405.787.6276 f

CERTIFICATE OF AUTHORIZATION:
CA 973 (PE/LS) EXPIRES 6/30/2026

W. BOYD STREET
STORM SEWER
REPLACEMENT

FROM S. PICKARD AVE.
TO COLLEGE AVE.
CITY OF NORMAN, OK

Key Plan

No.	Description	Date
1	EDITED NOTES AND PAY ITEMS	11-15-24

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PROJECT NO: 23606900
ISSUE DATE: 11/4/2024
CONTACT: M.WILLIAMS
QC by: M.LOVE
QC Date:

ISSUED FOR CONSTRUCTION

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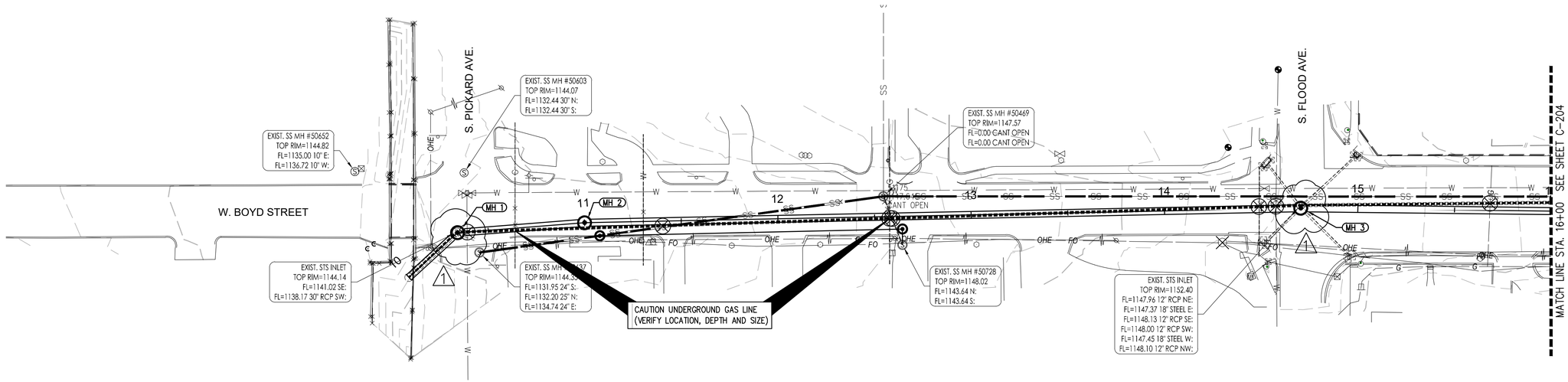
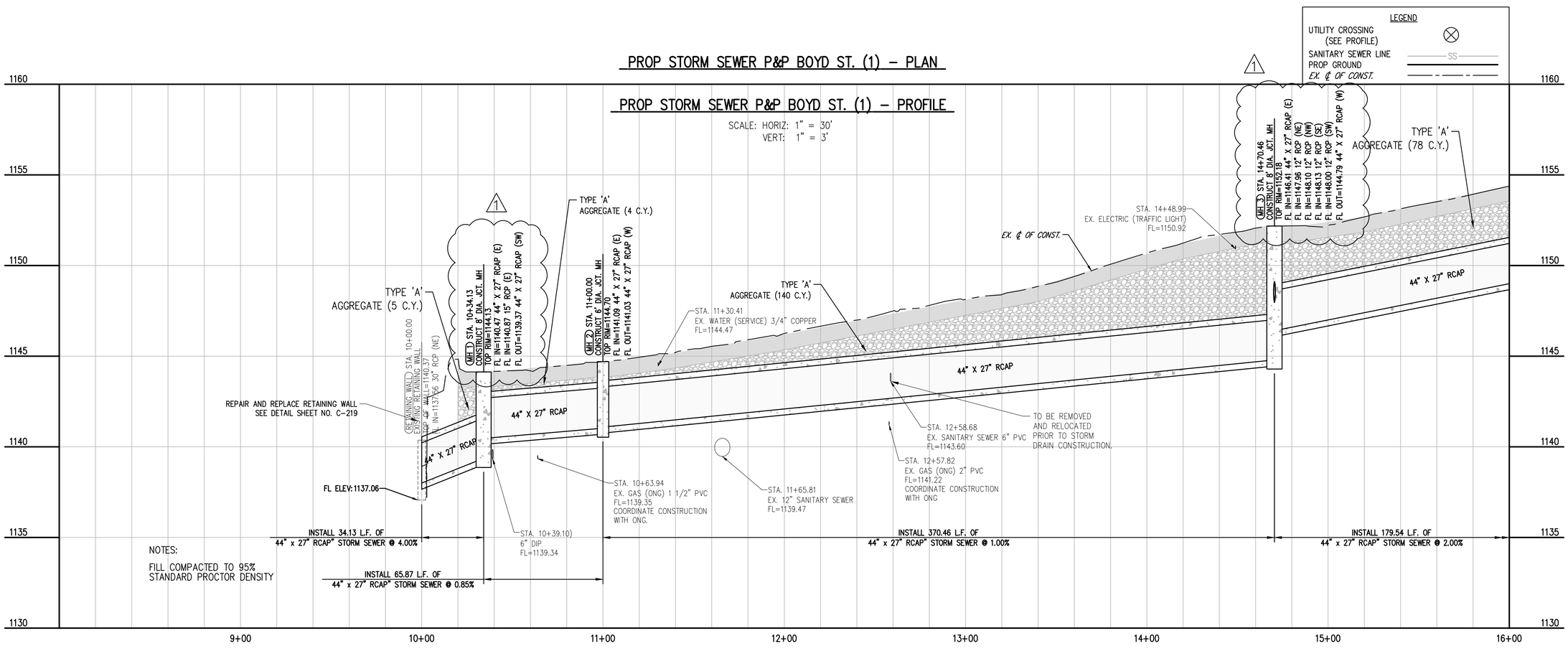
QUANTITIES & GENERAL NOTES

C-101

DRAWING C:\JOBS\606 FIRST STREET\DRAWINGS\PRELIMINARY\PRELIMINARY STORM\COVER.DWG
LAYOUT: QUANTITIES & GENERAL NOTES LAST SAVED: WHITCH, LUKAS ON 12/23/2024
PLOTTED BY: MICHAEL WILLIAMS 11/15/2024 2:34:27 PM PLOTTED BY: WHITCH, LUKAS COPY ONLY



PROP STORM SEWER P&P BOYD ST. (1) – PLAN



NOTES:

FILL COMPACTED TO 95% STANDARD PROCTOR DENSITY

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CERTIFICATE OF AUTHORIZATION: CA 973 (PE/LS) EXPIRES 6/30/2026

GRAPHIC SCALE IN FEET
30' 0 30'

W. BOYD STREET STORM SEWER REPLACEMENT

FROM S. PICKARD AVE. TO COLLEGE AVE.
CITY OF NORMAN, OK

Key Plan

No.	Description	Date
1	CHANGED 6' DIA MH TO 8'	11/15/2024

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CONTACT: M.WILLIAMS
QC by: M.LOVE
QC Date:

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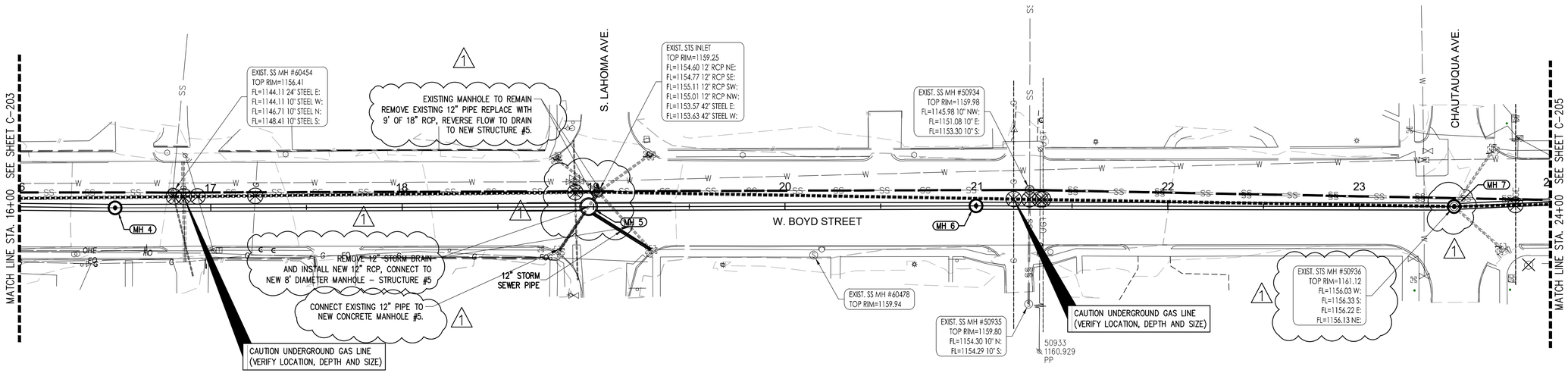
PROP STORM SEWER P&P BOYD ST. (1)

C-203

30" STORM SEWER REPLACEMENT

DRAWING: G:\23606900 THE BOYD SWR REPLACEMENT\CIVIL\DWGS\PLAN SHEETS\C-203 PLAN UPDATED PROPOSED.DWG
LAYOUT: PROP STORM SEWER P&P BOYD ST. (1) LAST SAVED: WED, OCT 16, 2024 2:54:37 PM
PLOTTED BY: MICHAEL WILLIAMS 11/15/2024 2:54:41 PM PLOTTED BY: MICHAEL WILLIAMS



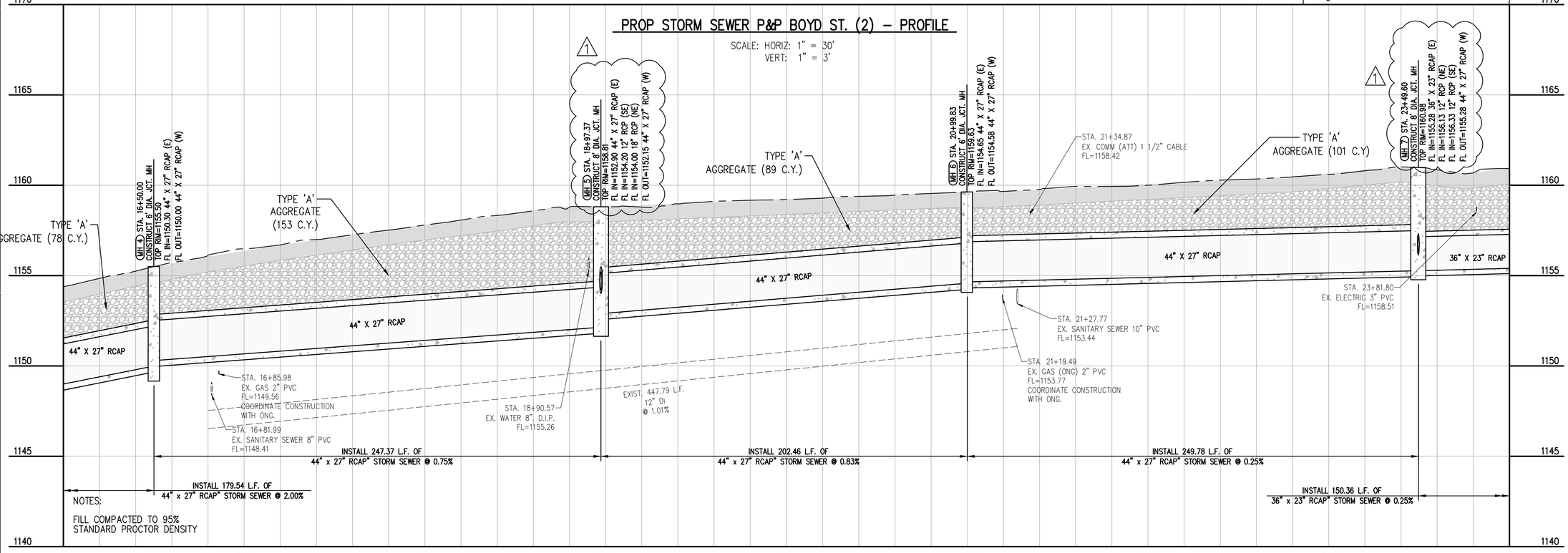
PROP STORM SEWER P&P BOYD ST. (2) – PLAN

LEGEND

UTILITY CROSSING (SEE PROFILE)
SANITARY SEWER LINE
PROP GROUND
EX. ℄ OF CONST.

PROP STORM SEWER P&P BOYD ST. (2) – PROFILE

SCALE: HORIZ: 1" = 30'
VERT: 1" = 3'



NOTES:

FILL COMPACTED TO 95% STANDARD PROCTOR DENSITY

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CERTIFICATE OF AUTHORIZATION: CA 973 (PE/LS) EXPIRES 6/30/2026

GRAPHIC SCALE IN FEET
30' 0 30'

W. BOYD STREET STORM SEWER REPLACEMENT

FROM S. PICKARD AVE. TO COLLEGE AVE.
CITY OF NORMAN, OK

Key Plan

No.	Description	Date
1	CHANGED 6' DIA MH TO 8' ADDED 8' DIA MH WITH 18" RCP REVISED EX MH DATA TO STS	11/15/2024

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PROJECT NO: 23606900
ISSUE DATE: 11/4/2024
CONTACT: M.WILLIAMS
QC by: M.LOVE
QC Date:

ISSUED FOR CONSTRUCTION

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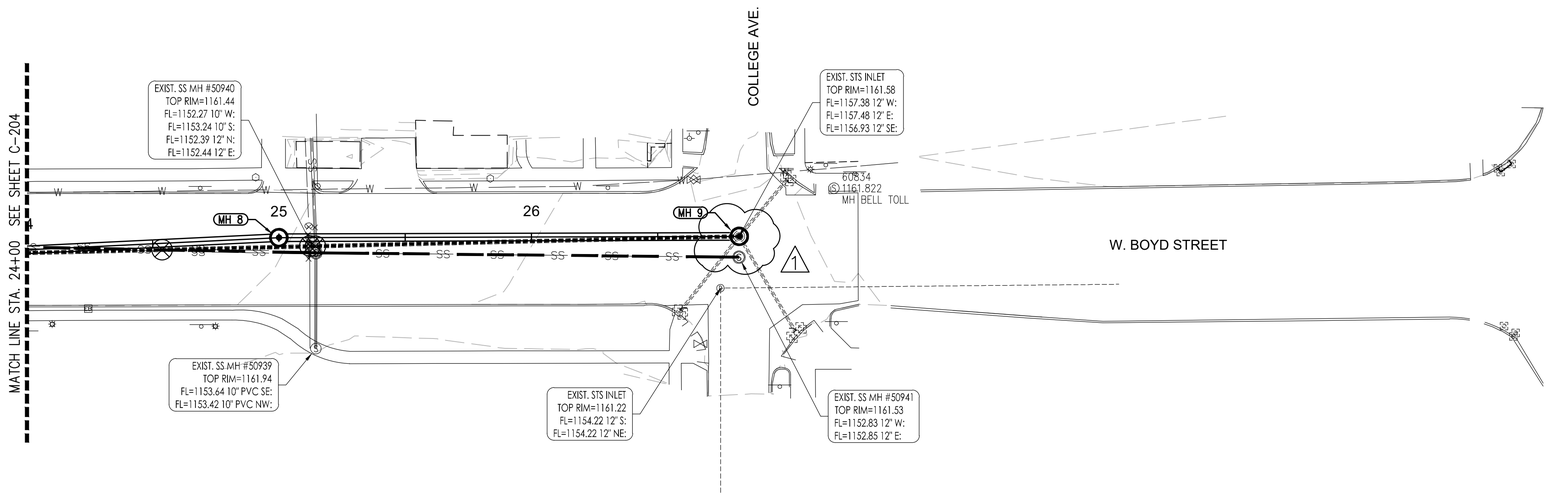
PROP STORM SEWER P&P BOYD ST. (2)

C-204

30" STORM SEWER REPLACEMENT

DRAWING: G:\2360690\ENGINEERING\PLAN SHEETS\PROJECT DWG\SHEETS\REDRAFT\1-STORM UP STORM PROPOSED.DWG
LAYOUT: PROP STORM SEWER P&P BOYD ST (2) LAST SAVED: MWILLIAMS, 11/11/2024 9:24:21 AM
PLOTTED BY: MICHAEL WILLIAMS, 11/11/2024 9:25:51 AM PLOTTED BY: AUTO ON SHEET: C-204 (1:1)

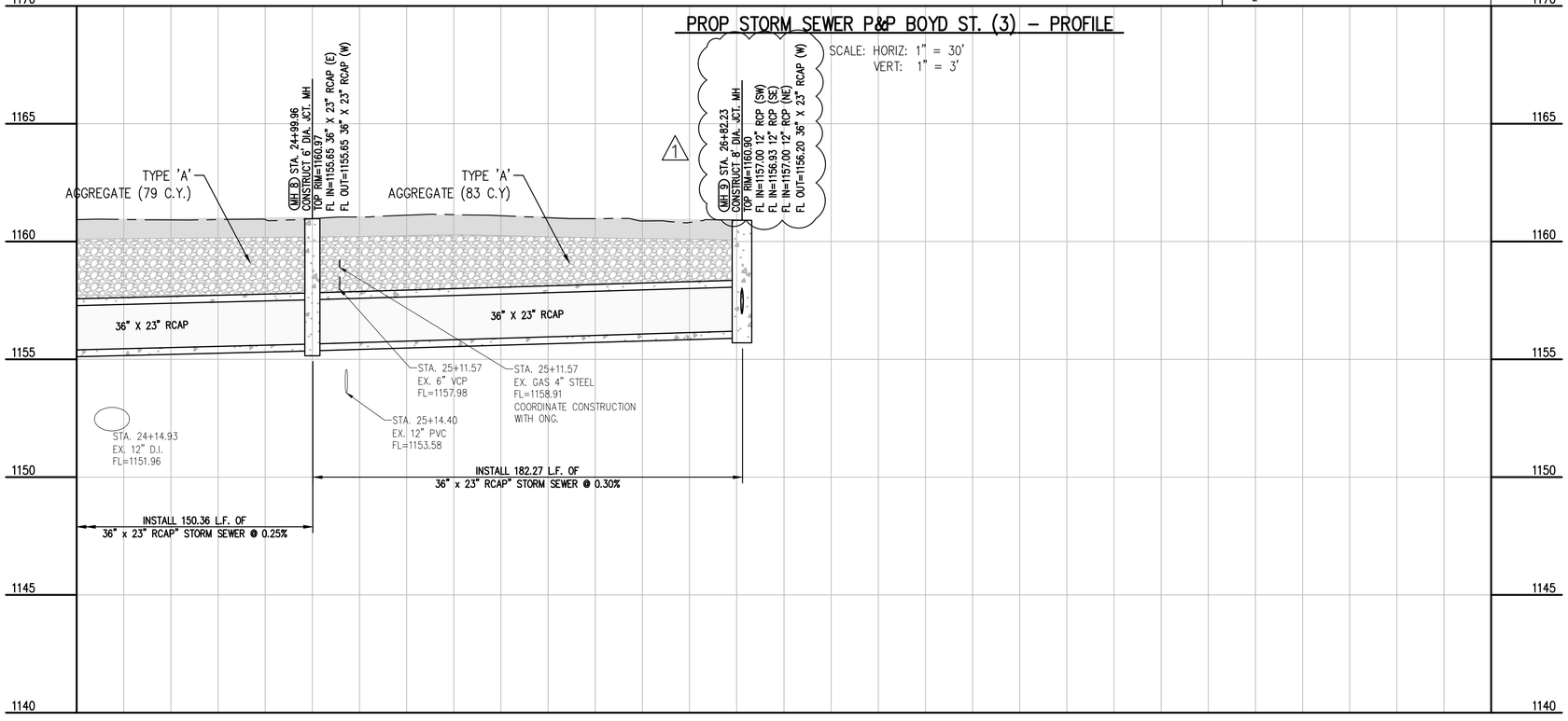


PROP STORM SEWER P&P BOYD ST. (3) – PLAN

LEGEND

UTILITY CROSSING (SEE PROFILE)	⊗
SANITARY SEWER LINE	SS
PROP GROUND	
EX. ℄ OF CONST.	

PROP STORM SEWER P&P BOYD ST. (3) – PROFILE



NOTES:

FILL COMPACTED TO 95% STANDARD PROCTOR DENSITY

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CERTIFICATE OF AUTHORIZATION:
CA 973 (PE/LS) EXPIRES 6/30/2026

GRAPHIC SCALE IN FEET
30' 0 30'

W. BOYD STREET STORM SEWER REPLACEMENT

FROM S. PICKARD AVE.
TO COLLEGE AVE.
CITY OF NORMAN, OK

Key Plan

No.	Description	Date
1	CHANGED 6' DIA MH TO 8'	11/15/2024

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PROJECT NO: 23606900
ISSUE DATE: 11/4/2024
CONTACT: M.WILLIAMS
QC by: M.LOVE
QC Date:

ISSUED FOR CONSTRUCTION

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PROP STORM SEWER P&P BOYD ST. (3)

C-205

30" STORM SEWER REPLACEMENT

DRAWING G:\23606900 BIRD VIEW BLVD TRUE CITY\CIVIL\SHEETS\DWGS\C-205 PROP STORM PROPOSED.DWG
LAYOUT: PROP STORM SHEET P BOYD ST. (3) LAST SAVED: MWILLIAMS, 11/15/2024 2:54:25 PM
PLOTTED BY: MICHAEL WILLIAMS 11/15/2024 2:55:14 PM PLOTTED BY: MICHAEL WILLIAMS