

PROJECT NO. 4257.90

VICINITY MAP

SCALE: 1"= 800'

NORTH

EDITH BLVD.

COMANCHE

RANKIN

INDUSTRIAL

TO I-25

TURN S INTO BROADWAY @ CANDELARIA

APPLICABLE CODES

UNIFORM BUILDING CODE – 1988

BERNALILLO COUNTY NEW MEXICO  
COMPREHENSIVE ZONING ORDINANCE

CITY OF ALBUQUERQUE UNIFORM ADMINISTRATIVE CODE.

AREA

EXISTING BUILDING 5175 S.F.  
NEW ADDITION 808 S.F.

OC CUPAN CY GROUP

H-4

ZONING

M-1 (BERNALILLO COUNTY JURISDICTION)

CONSTRUCTION TYPE

5 N

ALLOWABLE FLOOR AREA

TABLE 5-C

H-4 = 5,100 S.F.

ALLOWABLE AREA INCREASE 5,100

SEC.506(a) 3 SEPARATION ALL SIDES 10,200

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	TITLE SHEET/LEGEND/CODE INFORMATION.
2	SITE PLAN/DRAINAGE PLAN
3	FLOOR PLAN/ELEVATIONS
4	DOOR SCHEDULE/SECTIONS/DETAILS.
5	UTILITY SITE PLAN/MECHANICAL FLOOR PLAN
6	PUMP ROOM/ARCH PLUMBING PLAN/ PLUMBING EQUIPMENT SCHEDULE
7	ELECTRICAL SITE PLAN/LIGHTING PLAN/POWER PLAN
8	ELECTRICAL PLAN/RISER DIAGRAM

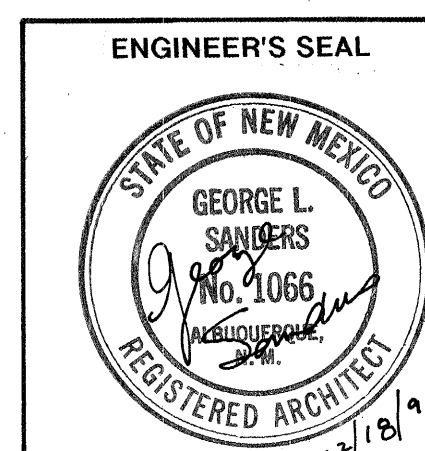
CIVIL - JEFF MORTENSEN & ASSOCIATES, INC.  
6010-B MIDWAY PARK BLVD. N.E.  
ALBUQUERQUE, NEW MEXICO  
(505) 345-4250

MECHANICAL/  
PLUMBING - PARRA: SOLTYS ENGINEERING, INC.  
SUITE 2A WASHINGTON SQUARE  
416 WASHINGTON S.E.  
ALBUQUERQUE, NEW MEXICO  
(505) 265-8476

ELECTRICAL - RMS ENGINEERING  
4015 CARLISLE N.E.  
SUITE F  
ALBUQUERQUE, NEW MEXICO  
(505) 881-1570

REV	SHEETS	CITY ENGR.	DATE	USER DEPT.	DATE	USER DEPT.	DATE
APPROVAL OF REVISIONS							

SANDERS AND ASSOCIATES ARCHITECTS  
110 SECOND STREET S.W. SUITE 612 ALBUQUERQUE N.M. (505) 247-1168

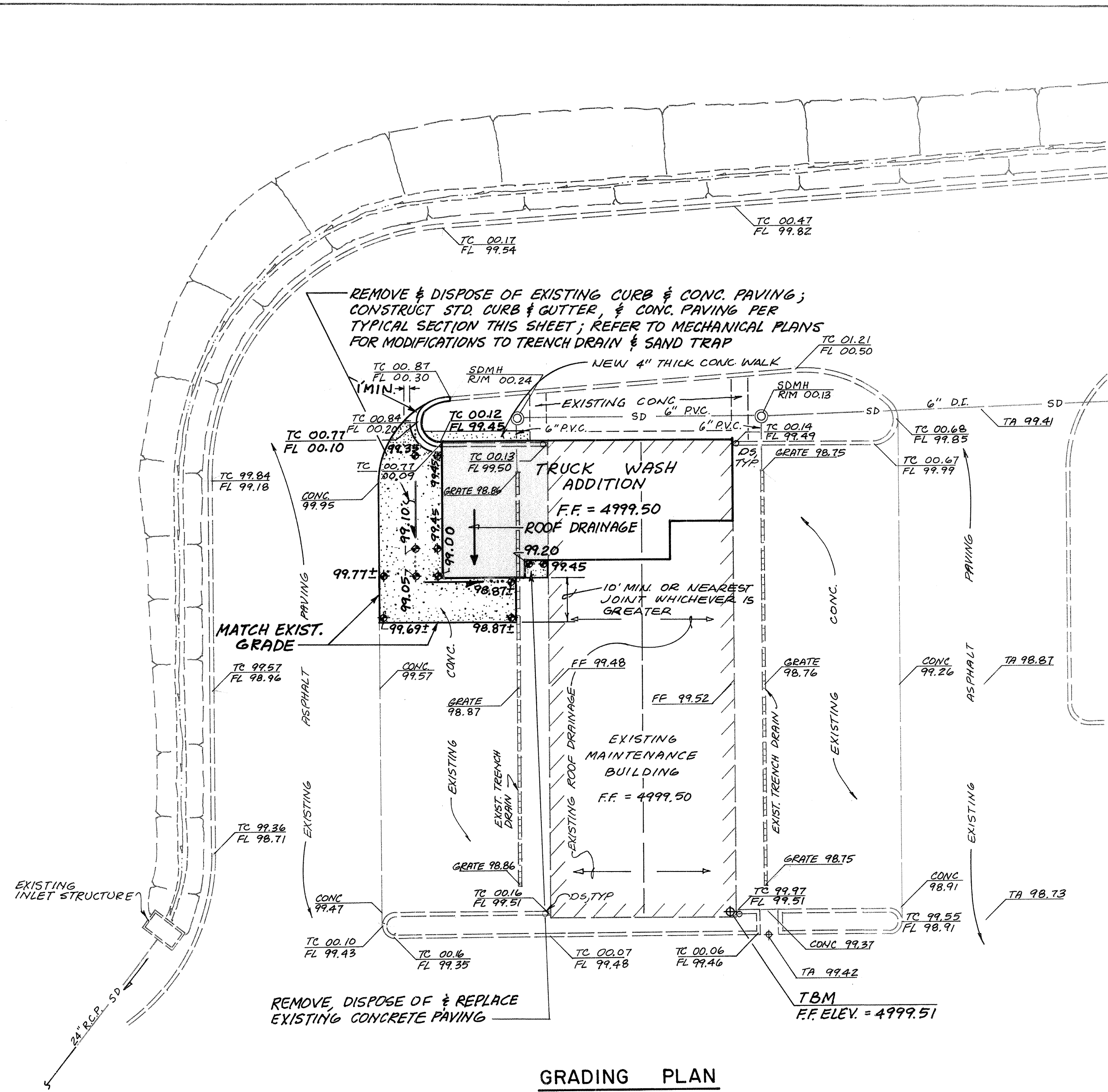


APPROVED FOR  
CONSTRUCTION

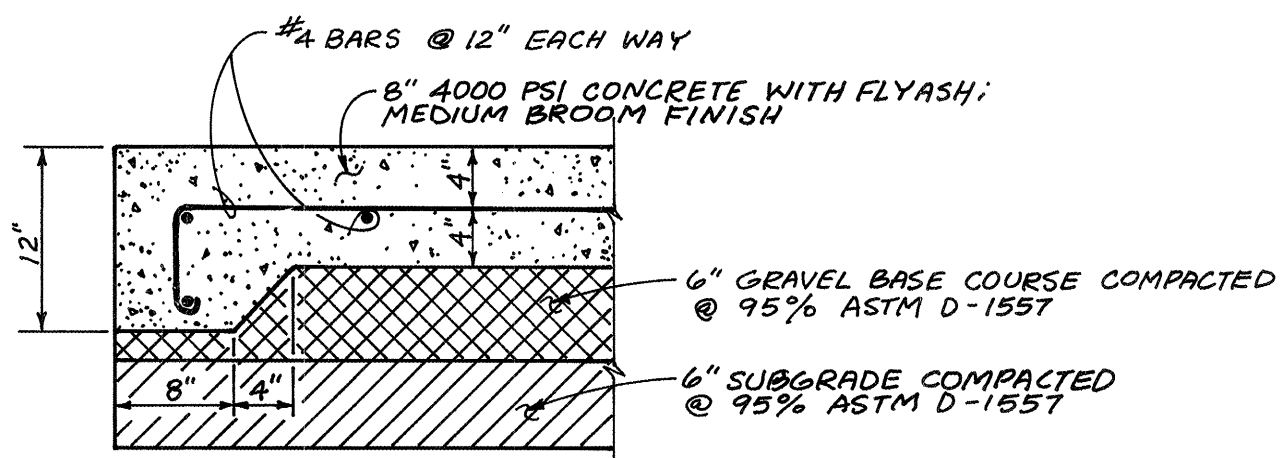
Kaltenbach  
12/18/91

PROJECT NO.  
4257.90

SHEET 1 OF 8



GRADING PLAN  
SCALE: 1" = 20'



TYPICAL CONCRETE PAD SECTION  
NOT TO SCALE (EXTERIOR ONLY)

**DRAINAGE PLAN**

The following items concerning the City of Albuquerque Automatic Truck Wash Addition at Maintenance Building, Solid Waste Management Facility, Drainage Plan are contained hereon:

- 1. Vicinity Map
- 2. Grading Plan
- 3. Construction Notes
- 4. Erosion Control Measures

As shown by the Vicinity Map, the site is located at the southeast corner of the intersection of Edith Boulevard N.E. and Griegos Road/Comanche Extension N.E. At present, the site is developed as the City of Albuquerque Solid Waste Management Facility. Much of the surrounding area is developed commercially. The proposed construction consists of an addition to an existing maintenance building, thereby making this a modification to an existing site within an infill area.

Review of Panel 23 of 50 of the National Flood Insurance Program Flood Insurance Rate Maps (F.I.R.M.) for the City of Albuquerque, New Mexico, dated October 13, 1984, this site does not lie within a designated flood hazard zone. Flooding is identified downstream of the site along Griegos Road N.E. between the railroad and Edith Boulevard N.E. The proposed construction will not create any additional impervious area, therefore, this development will not adversely impact existing downstream drainage conditions. This portion of the site will drain to a private storm drain facility. The existing storm drain facility is a 6" storm drain line which appears to have limited capacity. This will serve to control the discharge rate of runoff from this portion of the site.

The Grading Plan shows 1) existing and proposed grades indicated by spot elevations, 2) the limit and character of the existing improvements, 3) the limit and character of the proposed improvements, and 4) continuity between existing and proposed grades. As shown by this plan, the proposed improvements consist of a truck wash addition to an existing maintenance building. The new construction will require modifying a portion of the existing building together with the removal and disposal of existing paving and the construction of a small building addition. Modifications to the adjacent concrete paving are required to facilitate the new building construction and to promote positive drainage around the addition. Runoff discharging from the roof of the building addition will enter the existing trench drain system which is connected to the private storm drain referenced above.

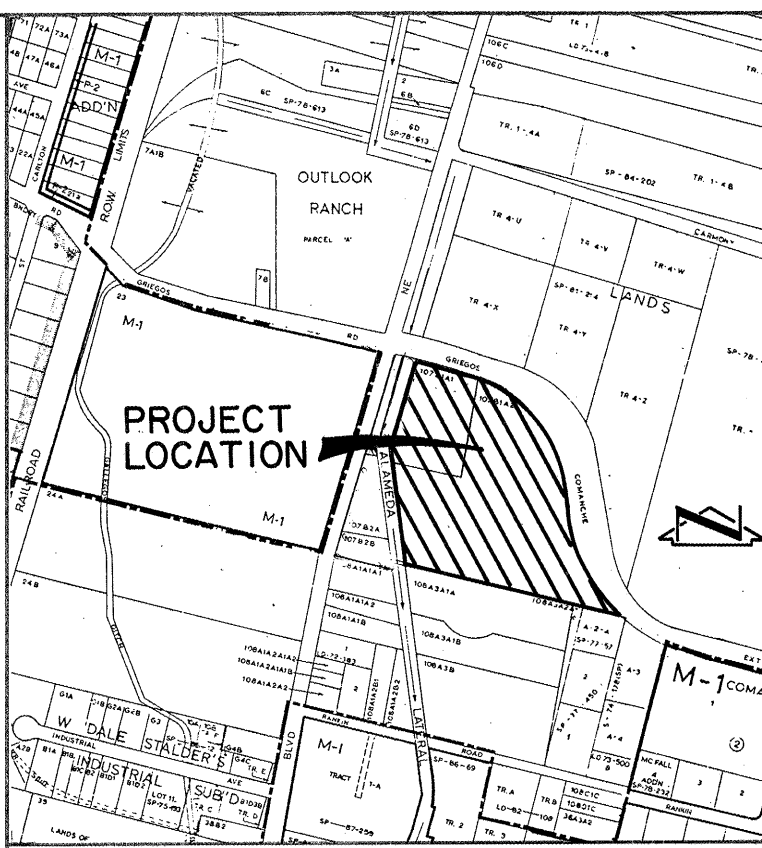
Calculations have not been performed for this project due to the fact that the proposed construction will not alter the hydrologic characteristics of the site. The proposed construction will not increase the peak rate of discharge or volume of runoff generated by this site. Because of this, calculations have not been provided.

**Construction Notes:**

- 1. Two (2) working days prior to any excavation, contractor must contact New Mexico One Call System, 260-1990, for location of existing utilities.
- 2. Prior to construction, the contractor shall excavate and verify the horizontal and vertical location of all potential obstructions. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay.
- 3. All work on this project shall be performed in accordance with applicable federal, state and local laws, rules and regulations concerning safety and health.
- 4. All construction within public right-of-way shall be performed in accordance with applicable City of Albuquerque Standards and Procedures.
- 5. If any utility lines, pipelines, or underground utility lines are shown on these drawings, they are shown in an approximate manner only, and such lines may exist where none are shown. If any such existing lines are shown, the location is based upon information provided by the owner of said utility, and the information may be incomplete, or may be obsolete by the time construction commences. The engineer has undertaken no field verification of the location, depth, size, or type of existing utility lines, pipelines, or underground utility lines, makes no representation pertaining thereto, and assumes no responsibility or liability therefor. The contractor shall inform itself of the location of any utility line, pipeline, or underground utility line in or near the area of the work in advance of and during excavation work. The contractor is fully responsible for any and all damage caused by its failure to locate, identify and preserve any and all existing utilities, pipelines, and underground utility lines. In planning and conducting excavation, the contractor shall comply with state statutes, municipal and local ordinances, rules and regulations, if any, pertaining to the location of these lines and facilities.
- 6. The design of planters and landscaped areas is not part of this plan. All planters and landscaped areas adjacent to the building(s) shall be provided with positive drainage to avoid any ponding adjacent to structures. For construction details, refer to landscaping plan.

**Erosion Control Measures:**

- 1. The contractor shall ensure that no soil erodes from the site into public right-of-way or onto private property. This can be achieved by constructing temporary berms at the property lines and wetting the soil to keep it from blowing.
- 2. The contractor shall promptly clean up any material excavated within the public right-of-way so that the excavated material is not susceptible to being washed down the street.
- 3. The contractor shall secure "topsoil disturbance permit" Prior to beginning construction.



VICINITY MAP  
SCALE: 1" = 800'

**LEGAL DESCRIPTION:**  
M.R.G.C.D. TRACTS 107 B1 A1, 107 B1 A2, 107 B2 A & 107 B2 B, MAP NO. 33

**STREET ADDRESS:**  
4600 EDITH BLVD. NE

- LEGEND**
- TA TOP OF ASPHALT
  - TC TOP OF CURB
  - FL FLOWLINE
  - EXISTING DIRECTION OF FLOW
  - PROPOSED DIRECTION OF FLOW
  - ⊕ EXISTING SPOT ELEVATION
  - ⊕ PROPOSED SPOT ELEVATION
  - SD STORM DRAIN
  - ⊙ STORM DRAIN MANHOLE
  - ▨ PROPOSED CONCRETE

AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
CONTRACTOR	DATE	NO.	BM	FINISHED FLOOR ELEVATION AT SOUTHWEST CORNER OF EXISTING BUILDING AS SHOWN:	DATE	NO.	BY	DATE	NO.	BY	DATE
				ELEVATION = 4999.51 FEET (MSLD).	10-02-91	N/A	JMA	10-02-91			
MICRO-FILM INFORMATION			REVISIONS			DESIGN			REVISIONS		
RECORDED BY	DATE	NO.	NO.	DATE	BY	DESIGNED BY	DATE	CHECKED BY	NO.	DATE	BY
						J.G.M.	10/10/91	J.G.M.			
						C.E.N.	10/10/91				
						J.G.M.	10/10/91				

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

TITLE: AUTOMATIC TRUCK WASH ADDITION @  
MAINTENANCE BLDG. SOLID WASTE MANAGEMENT FACILITY  
GRADING & DRAINAGE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	N/A		WATER	N/A	
TRANSPORTATION	N/A		WASTE WATER	N/A	
HYDROLOGY	12/18/91				

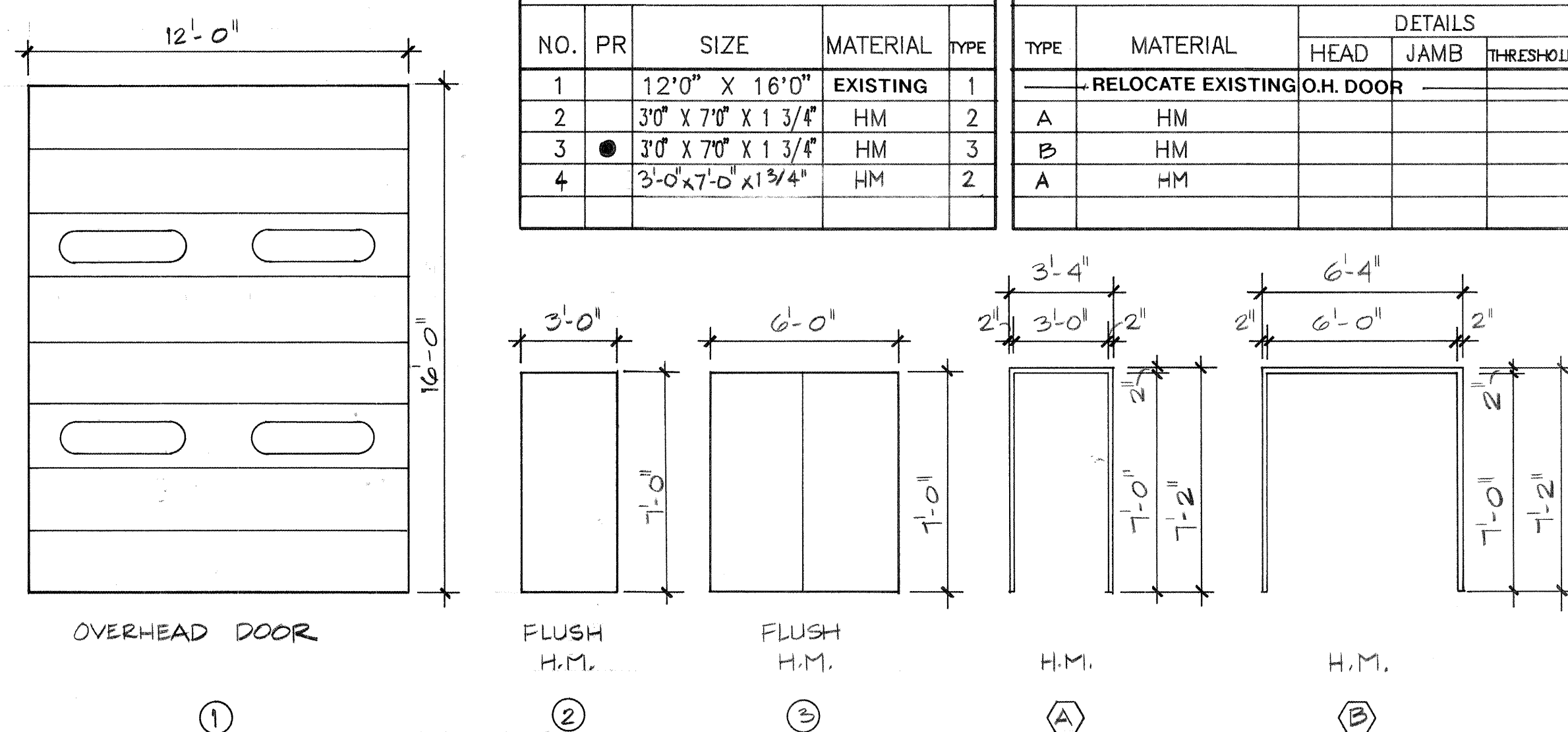
PROJECT NO. 4257.90 MAP NO. G-15 SHEET 2 OF 8







DOOR					FRAME					HARDWARE										REMARKS
NO.	PR	SIZE	MATERIAL	TYPE	TYPE	MATERIAL	DETAILS		FIRE RATING	BUTTS	PANIC	LOCK-SET	DEAD-BOLT	CLOSERS	FLUSH-BOLTS	ASTRAGAL	STOP	THRES-HOLD	WEATHER-STRIP	
							HEAD	JAMB												THRESHOLD
1		12'0" X 16'0"	EXISTING	1		RELOCATE EXISTING	O.H. DOOR													ADD 202 LOCKSET
2		3'0" X 7'0" X 1 3/4"	HM	2	A	HM				101		201	301	401				601	701	
3	●	3'0" X 7'0" X 1 3/4"	HM	3	B	HM				101/3 PAIR		201	301	401	501	801		601	701	
4		3'-0"x7'-0" X 1 3/4"	HM	2	A	HM				102		201		402						

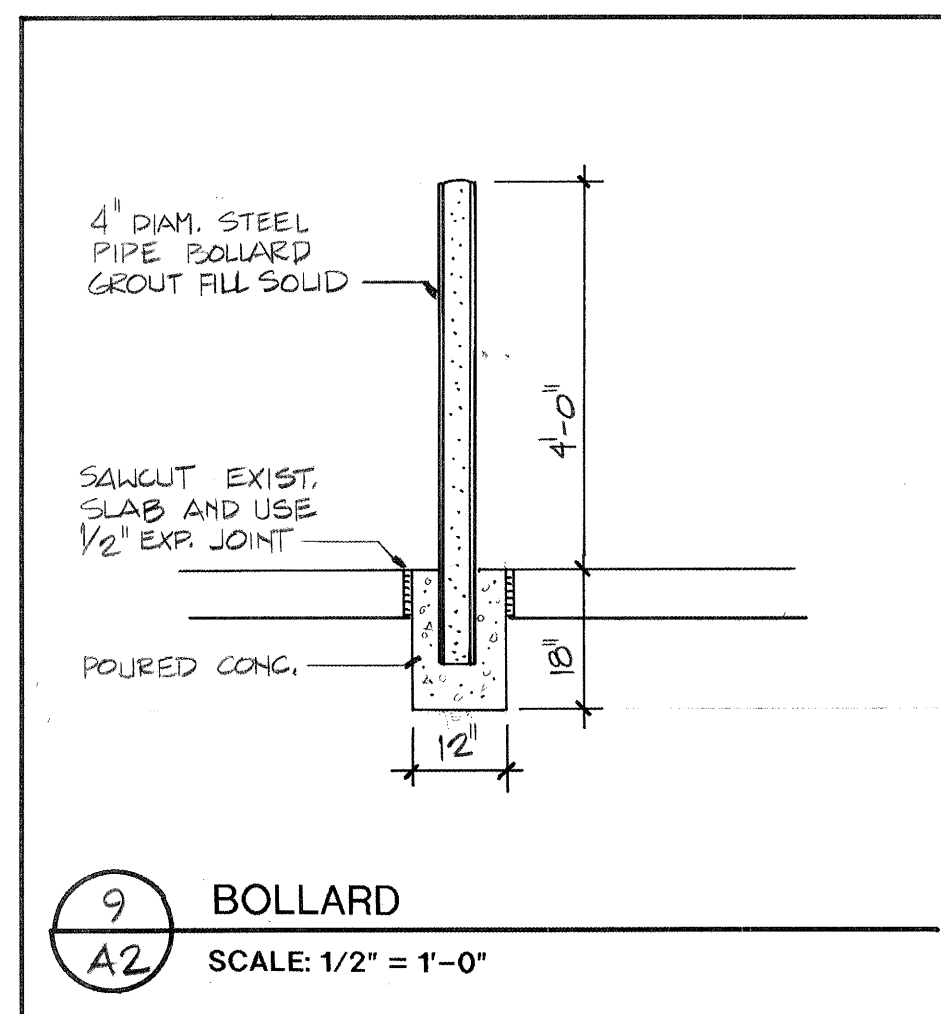
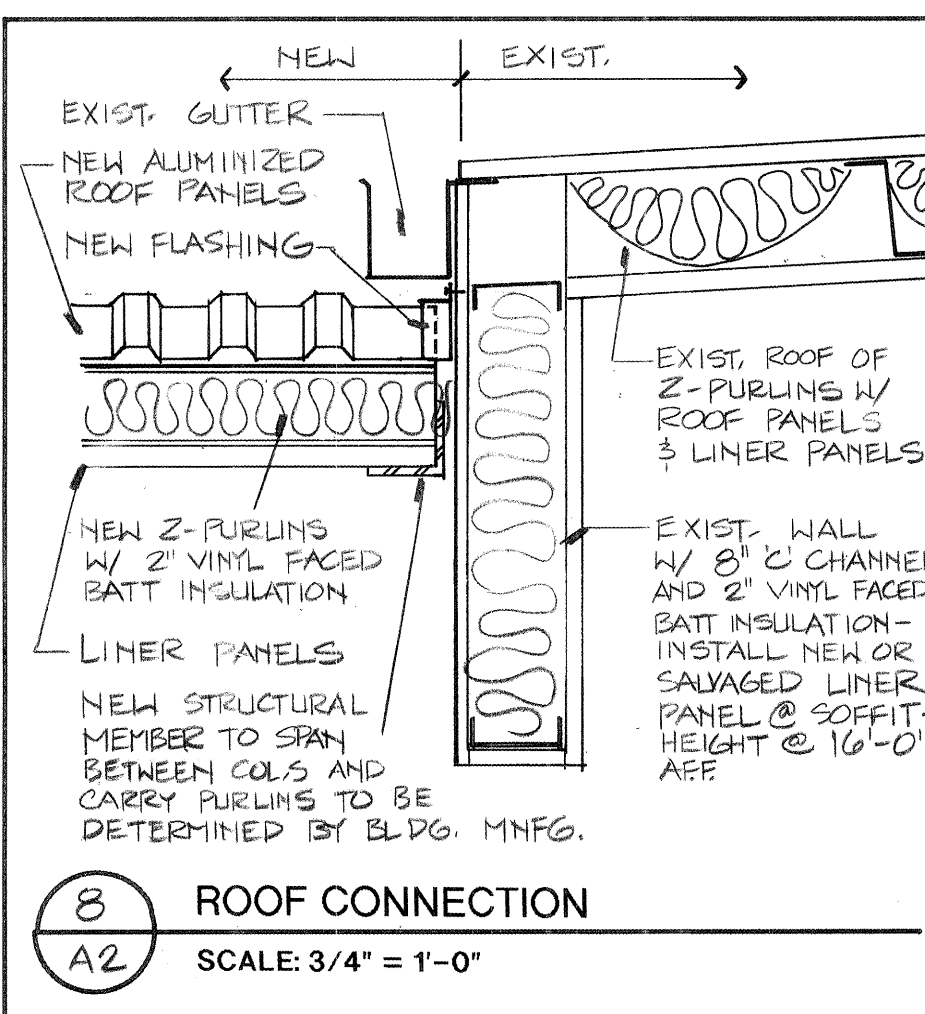
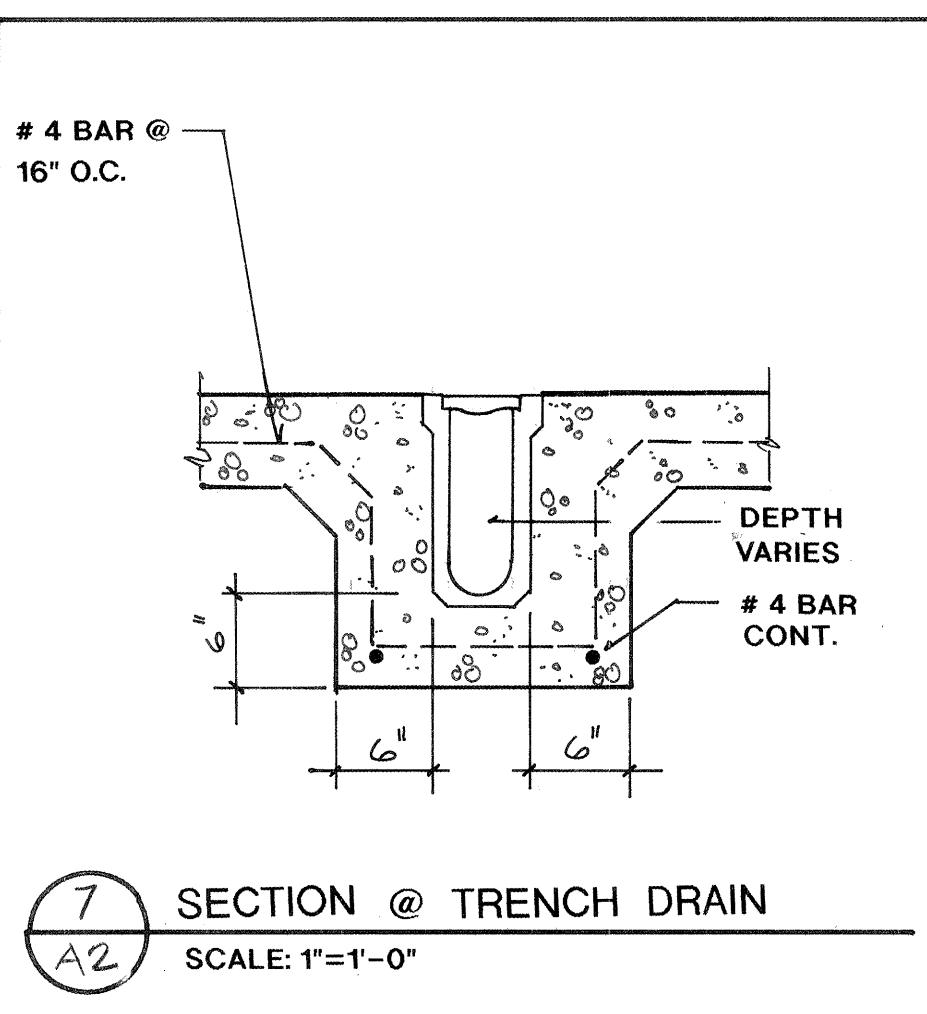
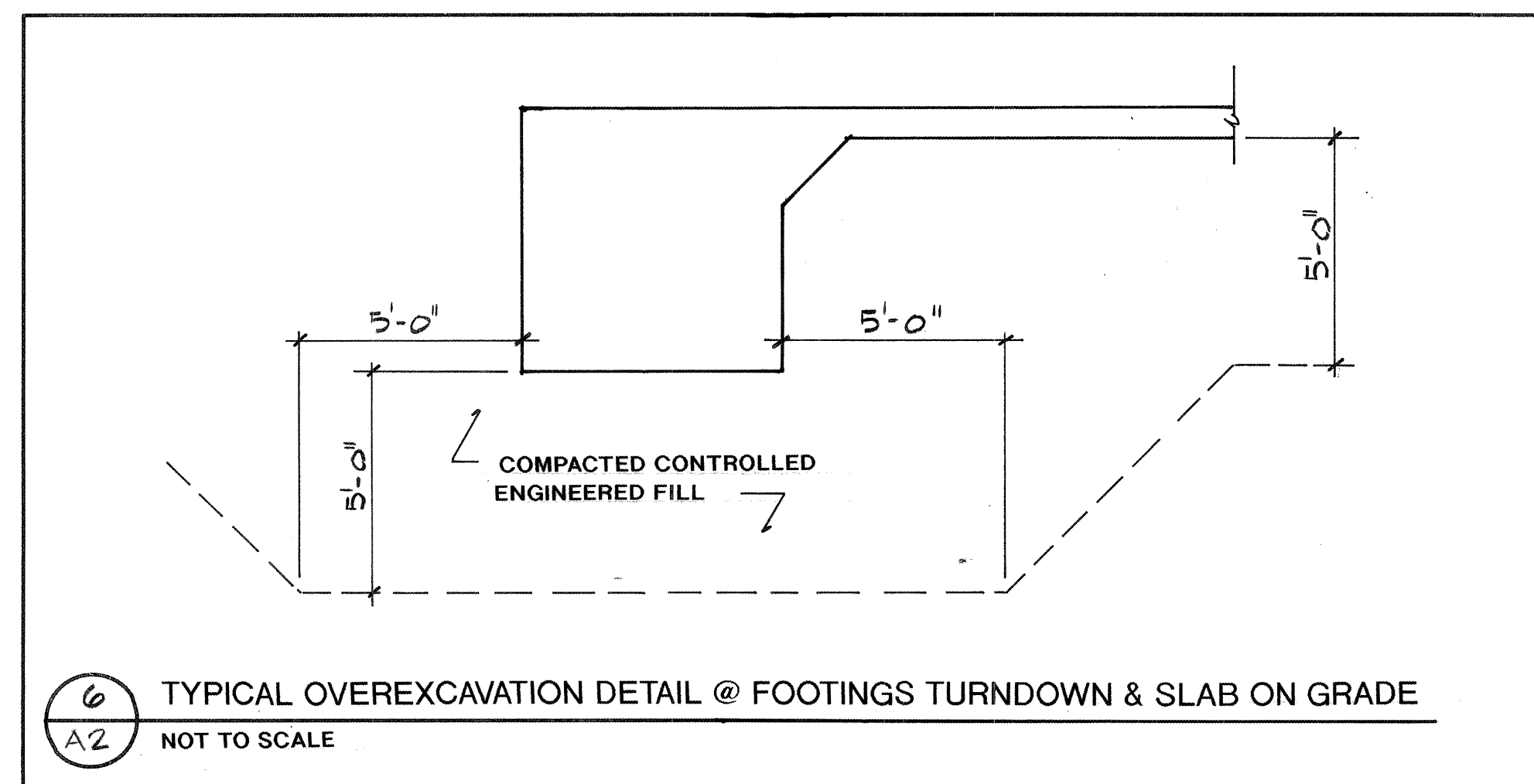
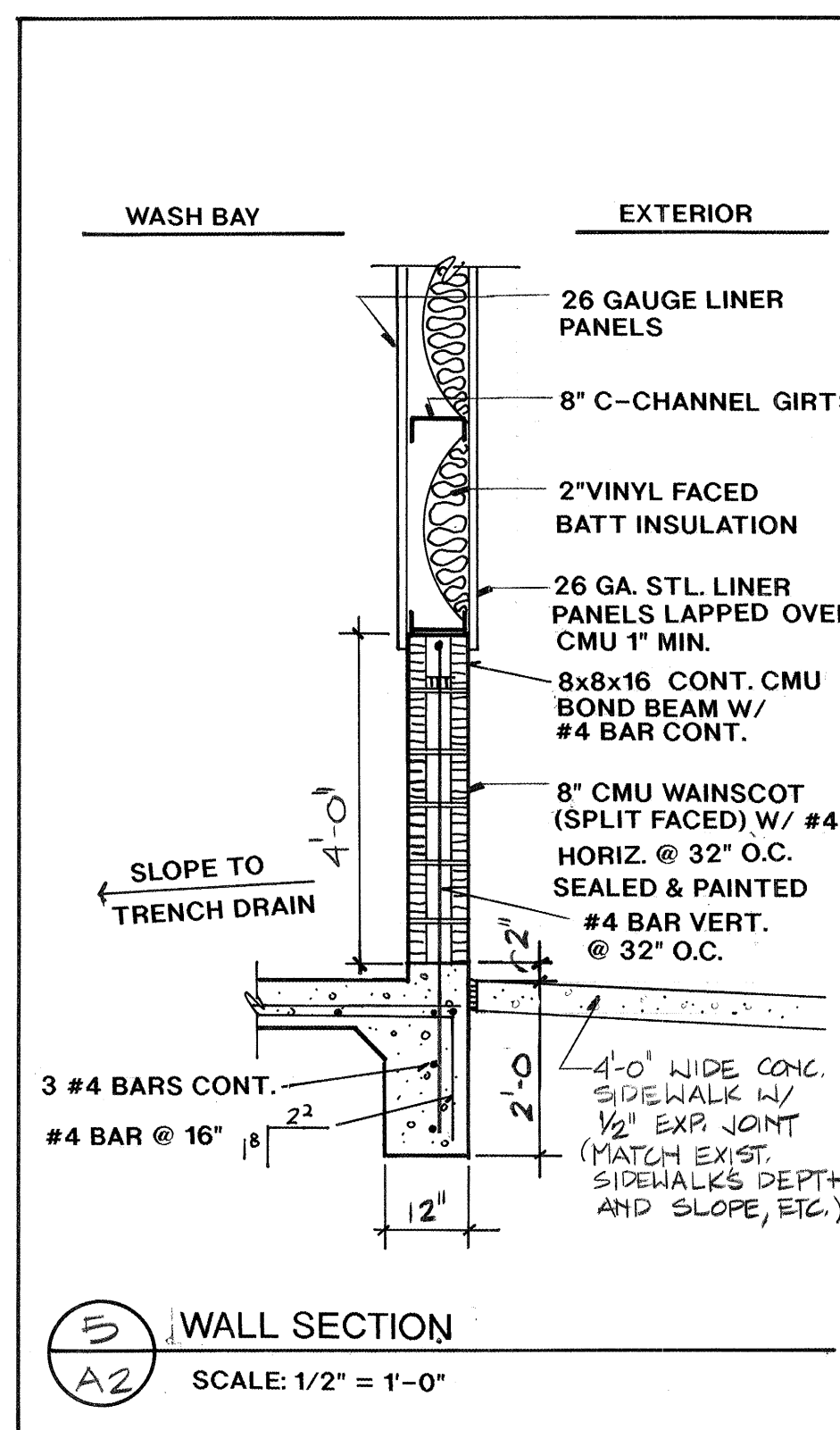
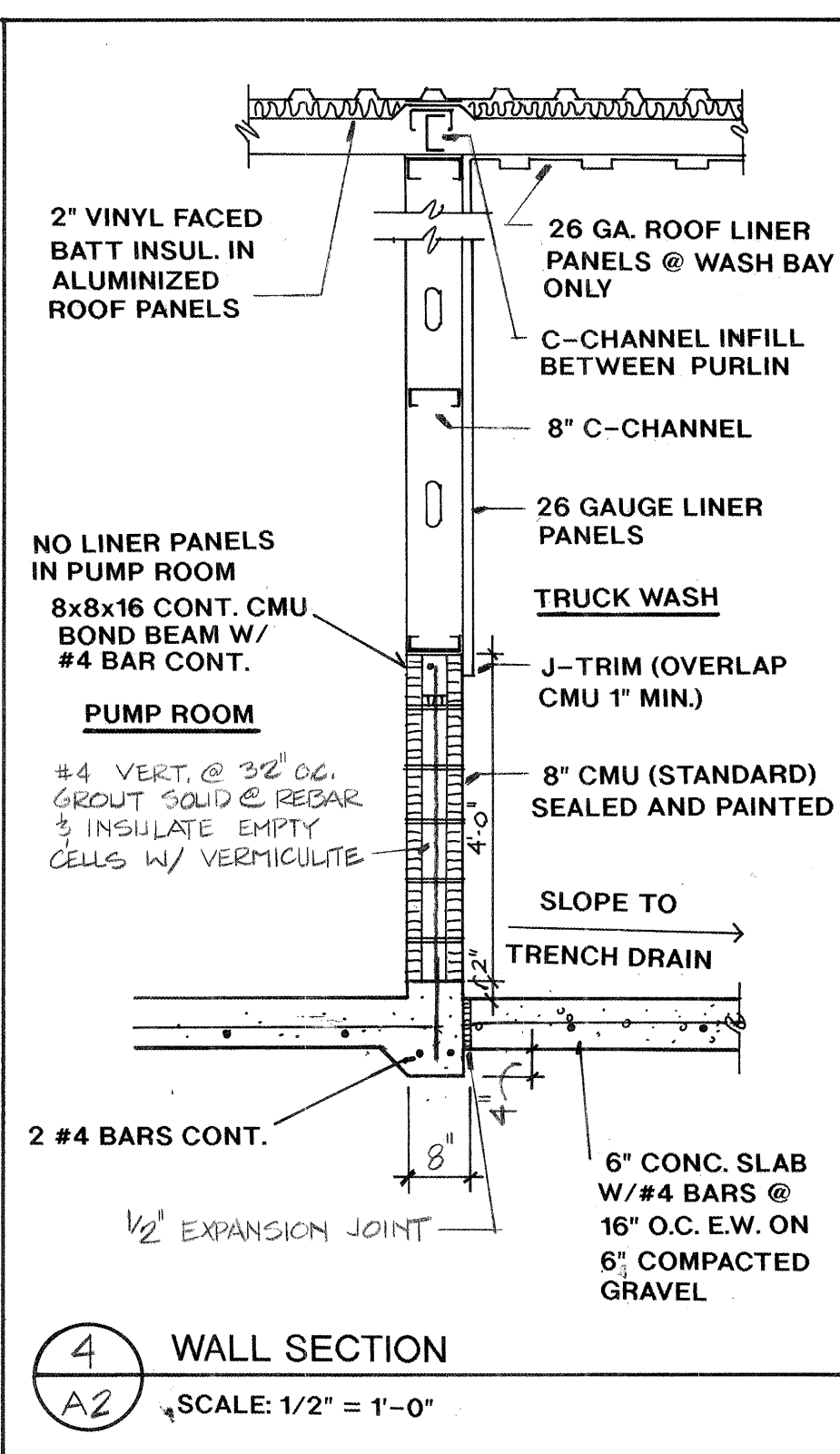
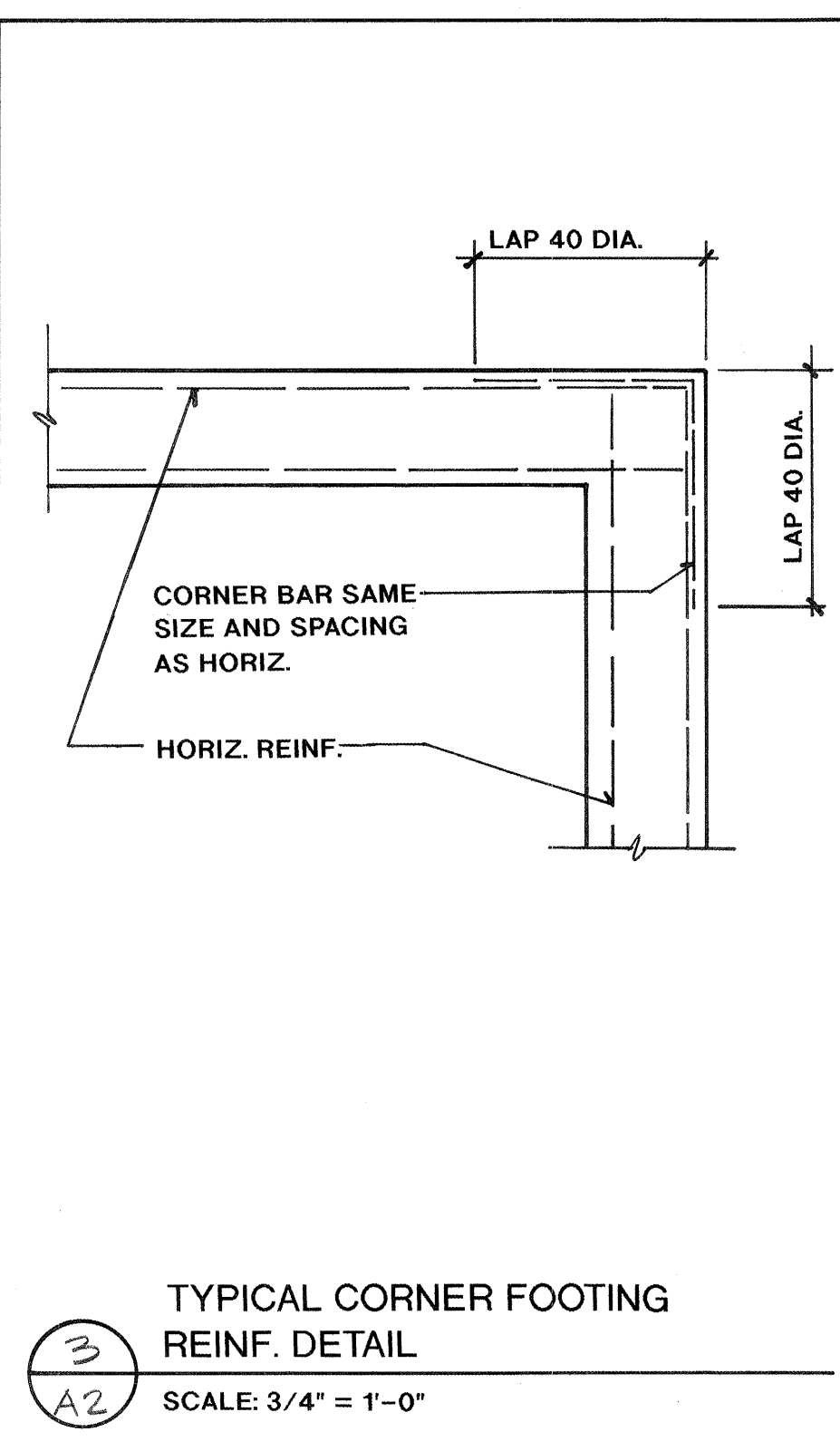
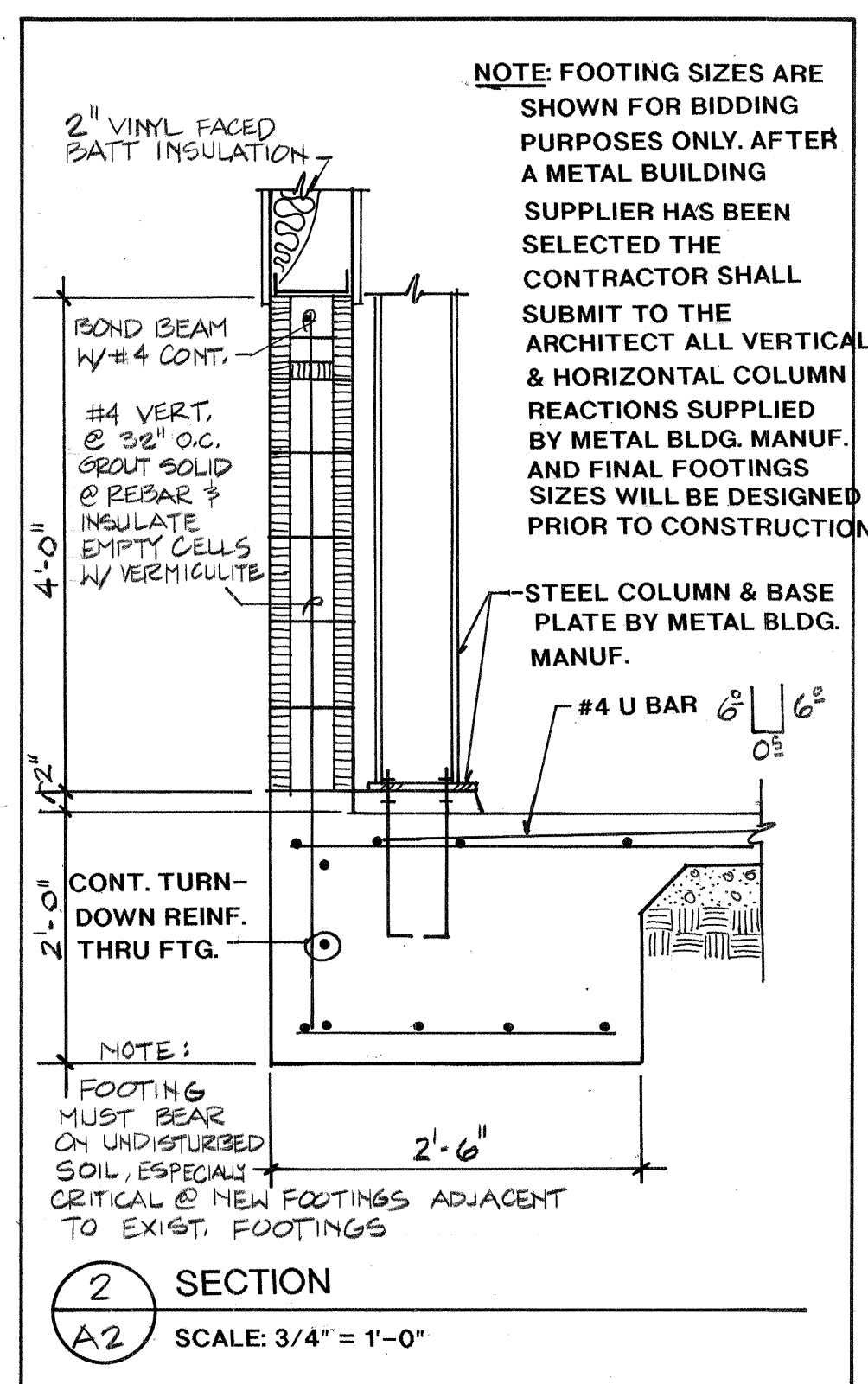
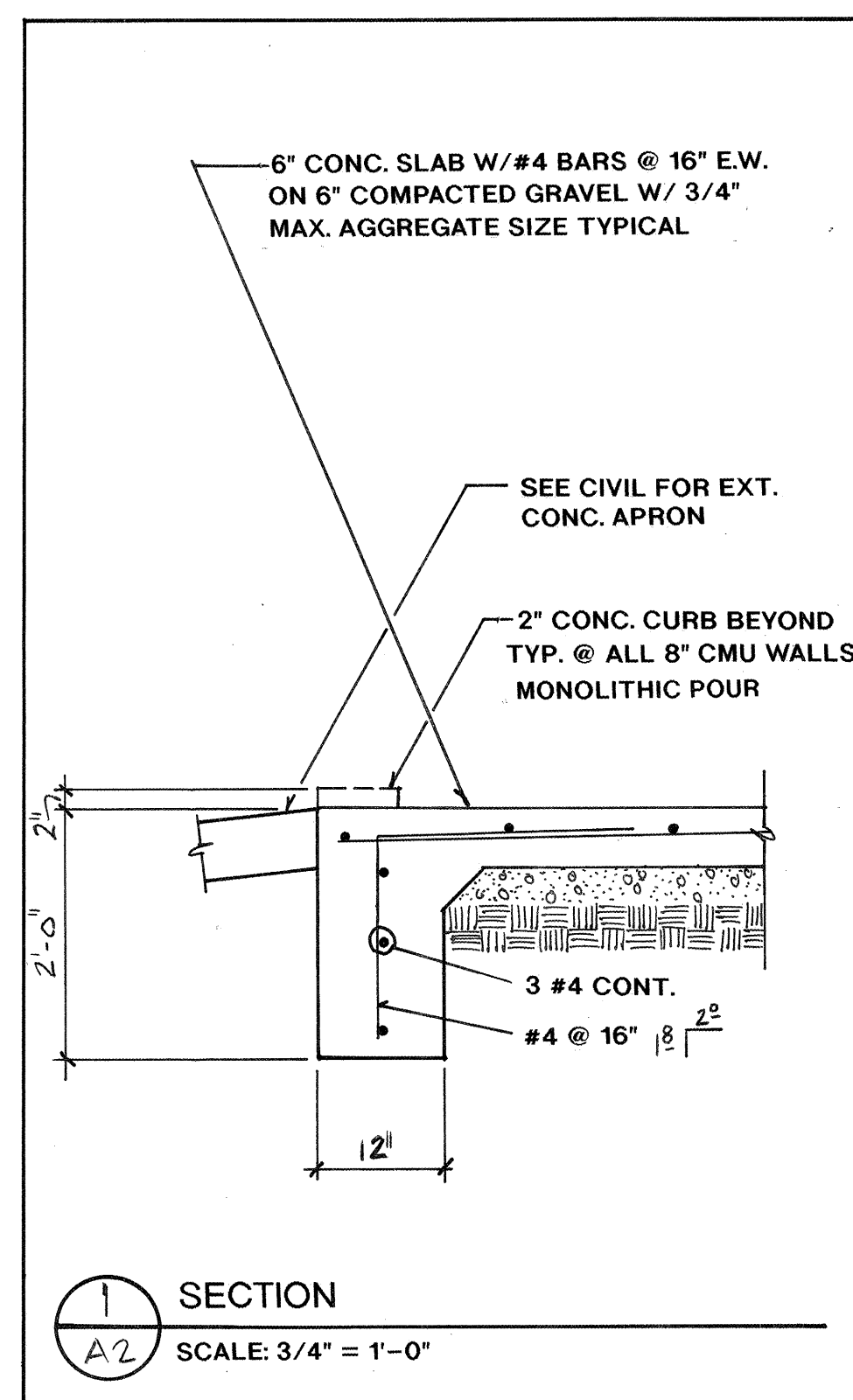


## DOOR TYPES

SCALE: 1/4" = 1'-0"

## FRAME TYPES

SCALE: 1/4" = 1'-0"

[illegible]

CITY OF ALBUQUERQUE					
PUBLIC WORKS DEPARTMENT					
ENGINEERING GROUP					
TITLE: AUTOMATIC TRUCK WASH ADDITION @					
MAINTENANCE BLDG. SOLID WASTE MANAGEMENT FACILITY					
4600 EDITH BLVD. N.E.					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>AJA</i>		Water	<i>AJA</i>	
Trans. Dev.	<i>NJA</i>		Waste Water	<i>NJA</i>	
Hydrology	<i>NJA</i>				
PROJECT NO. 4257.90		MAP NO. G-15		SHEET 4 OF 8	
				A-2	



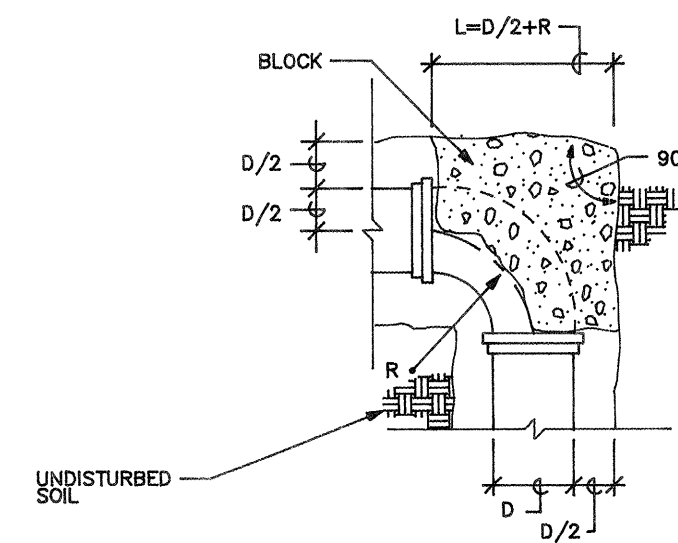
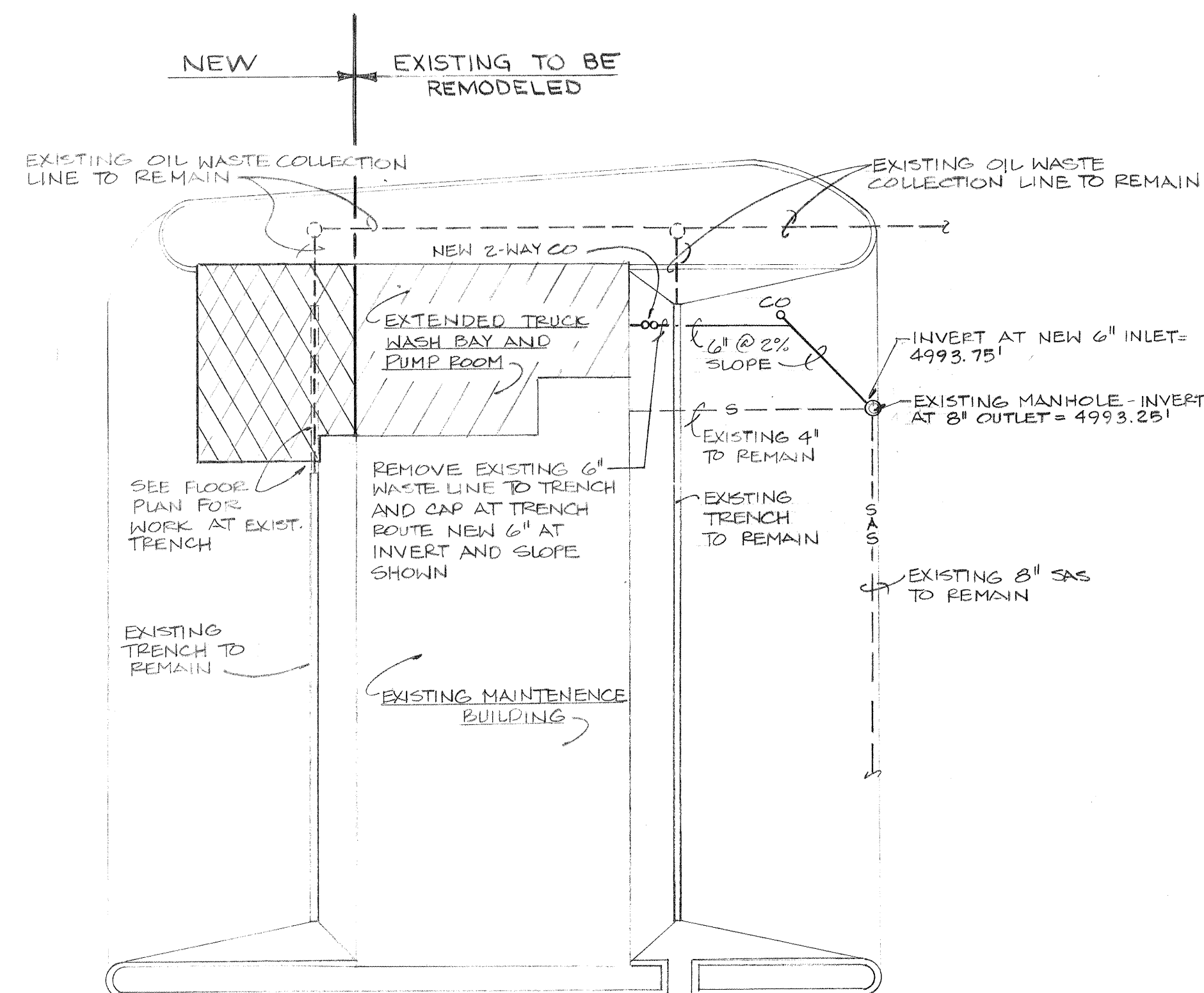
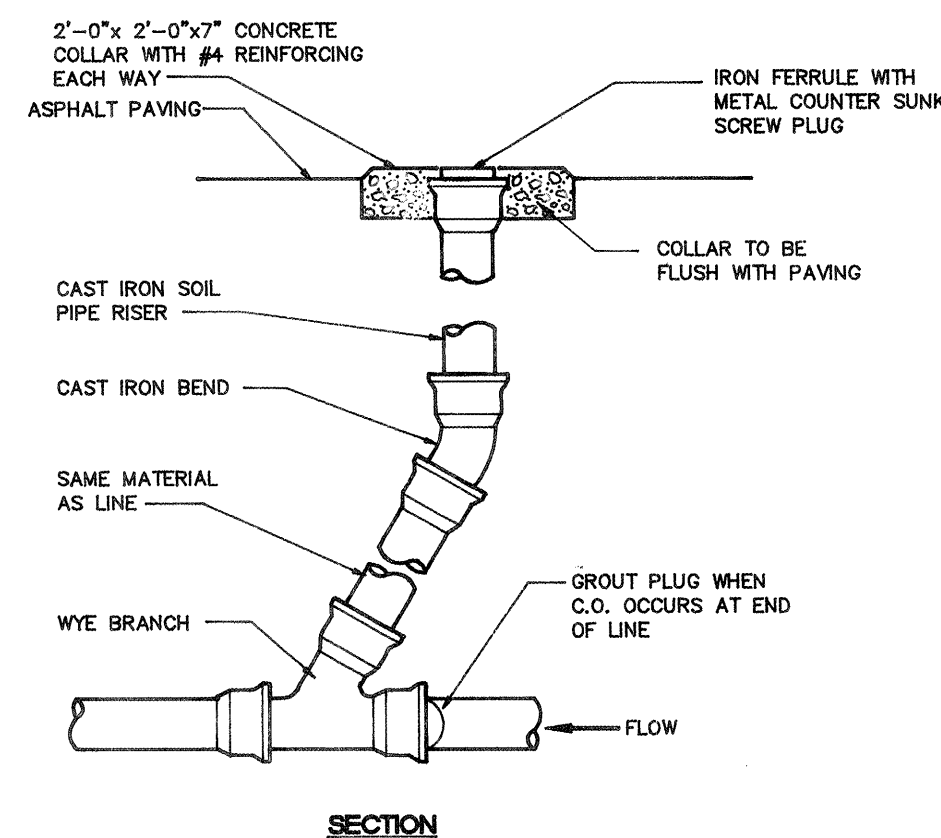


Diagram illustrating the construction of a square concrete collar. The collar is square, measuring 2'-0" square x 7" deep. It features four No. 4 rebar bars arranged in a square pattern, with a minimum spacing of 1-1/2" between them. The rebar is embedded in the concrete, and the edges are chamfered. A braze is applied to the rebar at the corners.

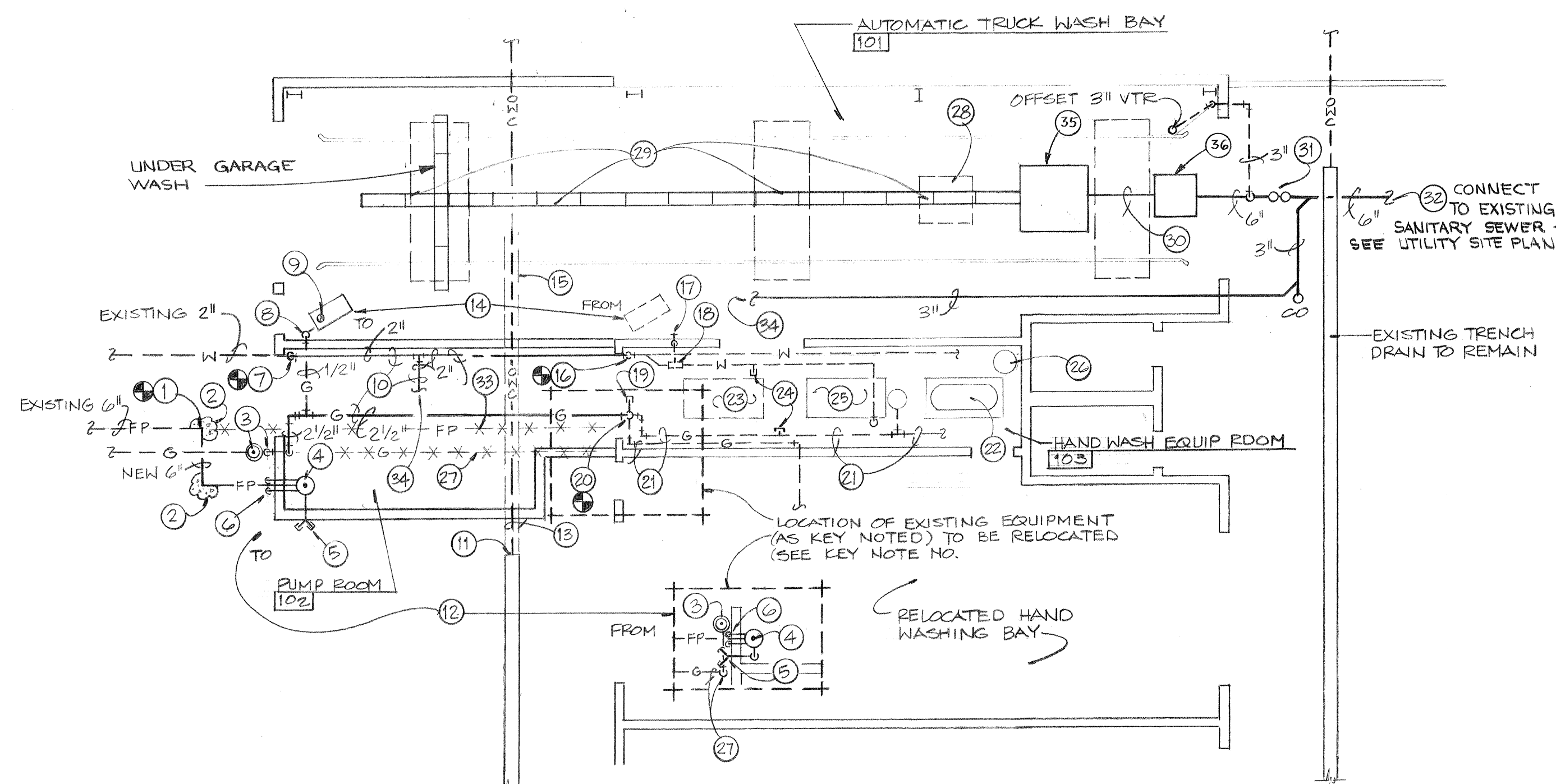
NOTE:  
SEE PLUMBING EQUIPMENT  
SCHEDULE FOR DESCRIPTION.



**SCALE: 1" = 20'-0"**



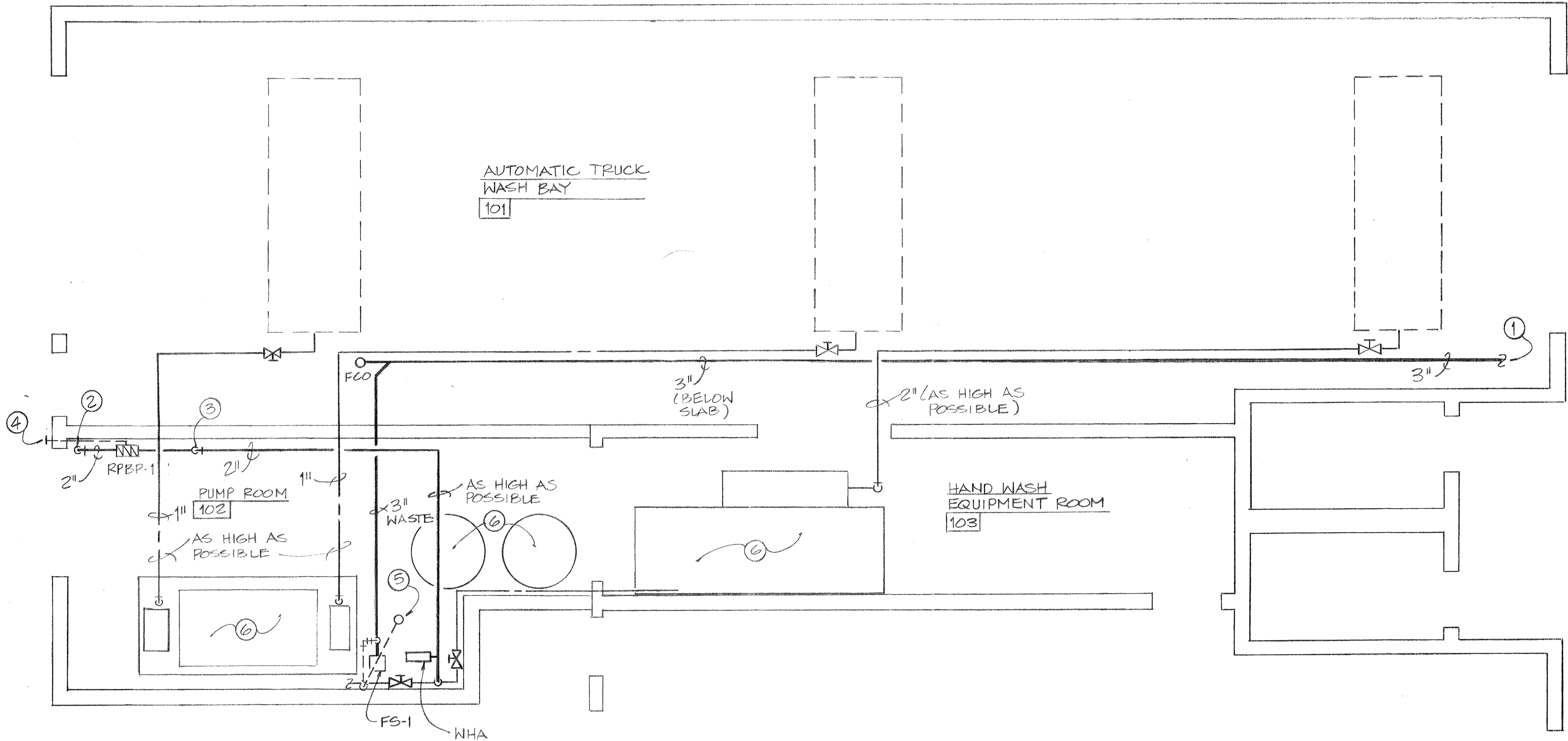
- 18 EXISTING BACKFLOW PREVENTER TO REMAIN.
- 19 CAP EXISTING 1/2" GAS LINE AND REMOVE GAS PIPING TO UNIT HEATER (TO BE RELOCATED).
- 20 CONNECT NEW 2-1/2" GAS TO EXISTING 2-1/2".
- 21 EXISTING GAS PIPING TO REMAIN.
- 22 EXISTING AIR COMPRESSOR AND ASSOCIATED PIPING TO REMAIN.
- 23 EXISTING STEAM GENERATOR AND ASSOCIATED CONTROLS/PIPING TO BE REMOVED BY THIS CONTRACTOR.
- 24 CAP EXISTING PIPING.
- 25 EXISTING STEAM GENERATOR TO REMAIN.
- 26 EXISTING WATER HEATER TO REMAIN.
- 27 REMOVE EXISTING GAS LINE BELOW GRADE, RISER, AND GAS LINE EXPOSED ON WALL.
- 28 EXISTING SAND TRAP/DRAIN TO BE REMOVED. REINSTALL PER DRAIN DETAIL, THIS SHEET. REMOVE EXISTING 6" WASTE LINE TO EXISTING TRENCH AT EXTERIOR (SEE UTILITY SITE PLAN) ALONG WITH CLEANOUTS TO GRADE AND CAP AT TRENCH. REINSTALL NEW 6" WASTE LINE TO NEW SANITARY AT 1/4 PER FOOT SLOPE.
- 29 NEW 15 SECTION TRENCH DRAIN - TO (SEE SCHEDULE) WITH BEGINNING TOTAL DEPTH OF 11.5" AND ENDING DREPTH OF 13.1". TOTAL LENGTH = 48.98'.
- 30 NEW 6" WASTE LINE AT 2% SLOPE.
- 31 INVERT AT NEW 2-WAY CLEANOUT = 4994.61.
- 32 SEE UTILITY SITE PLAN, THIS SHEET, FOR CONTINUATION.
- 33 REMOVE EXISTING FIRE PROTECTION LINE BELOW GRADE.
- 34 FOR CONTINUATION OF SERVICES TO PUMP ROOM - SEE PUMP ROOM/ARCH PIPING PLAN,, SHEET M-2.
- 35 SEE "DRAIN DETAIL" THIS SHEET.
- 36 SEE "SAND TRAP DETAIL" THIS SHEET.



**SCALE: 1/8" = 1'-0"**

PROJECT NO.	4257.90	MAP NO.	G-15	SHEET 5 OF 8
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PLUMBING EQUIPMENT SCHEDULE	
SYMBOL	DESCRIPTION
TD-1	<p><b>TRENCH DRAIN (TD):</b></p> <p>TYPE: PRECAST FROM POLYESTER CONCRETE, INTERLOCKING MODULAR (CHANNEL) TRENCH DRAIN SYSTEM WITH CATCH BASIN LOCATED IN CENTER OF THE MODULES ASSEMBLY.</p> <p>CHANNELS: EACH CHANNEL SHALL BE 39.37" LONG, 6.1" WIDE OUTSIDE AND 4" INSIDE. BOTTOM OF CHANNELS SHALL HAVE 0.6% SLOPE. FOR NUMBER AND TOTAL LENGTH OF CHANNELS, SEE FLOOR PLAN.</p> <p>JOINTS: CHANNEL MAY BE JOINED TOGETHER WITHOUT ANY SEALANT.</p> <p>GRATES: HEAVY-DUTY DUCTILE IRON GRATES TO WITHSTAND UP TO 60 TON GROSS VEHICLE WEIGHT WITH THREE LOCKING DEVICES.</p> <p>CATCH BASIN: BASIN DIMENSIONS SHALL BE 12.6" X 19.69" X 41.34" DEEP. BASIN SHALL HAVE BUILT-IN TRAP AND SHALL BE FURNISHED WITH GALVANIZED STEEL TRASH BUCKET. BASIN OUTLET SHALL BE 6".</p> <p>UNIT MFG: ACO DRAIN PRODUCT - NW 100 SERIES WITH NO. 604 CATCH BASIN.</p> <p>TRAP: BUILT-IN (FURNISHED WITH UNIT).</p> <p>SERVICE REQUIREMENTS: SIZE OF WASTE AND VENT AS INDICATED ON THE DRAWINGS.</p>
RPBP-1	<p><b>REDUCED PRESSURE BACKFLOW PREVENTER (RPBP):</b></p> <p>TYPE: THREADED CONNECTION (SIZE AS INDICATED ON DRAWINGS), COMPLETE WITH 2 SPRING LOADED CHECK VALVES, DIFFERENTIAL PRESSURE RELIEF VALVE LOCATED BETWEEN CHECK VALVES, TWO GATE VALVES, TEST COCKS AND AIR GAP DRAIN.</p> <p>NOTE: AIR GAP DRAIN SHALL BE PIPED TO NEAREST FLOOR DRAIN, FLOOR SINK OR AS INDICATED ON DRAWINGS.</p> <p>MFG: FEECO MODEL NO. 825T-AGD.</p>
FS-1	<p><b>FLOOR SINK (FS):</b></p> <p>TYPE: 12" X 12" X 10" DEEP CAST IRON SQUARE BODY WITH WHITE ACID RESISTING ENAMEL BODY INTERIOR, ALUMINUM ANTI-SPLASH DOME STRAINER, NO TOP GRATE, NO SEEPAGE PAN.</p> <p>MFG: ZURN NO. 2-1902.</p> <p>TRAP: CAST IRON P-TRAP.</p> <p>SERVICE REQUIREMENTS: SIZE OF WASTE AND VENT AS INDICATED ON THE DRAWINGS.</p>
FCO	<p><b>FLOOR CLEANOUT (FCO):</b></p> <p>TYPE: FOR CONCRETE: SMITH NO. 4023-UG. FOR CERAMIC TILE OR QUARRY: TILE SMITH NO. 4023-UPB. FOR VINYL OR ASBESTOS VINYL TILE: SMITH NO. 4023-UPB. FOR CARPET: SMITH NO. 4023UX. FOR OTHER FLOOR FINISHES: AS APPROVED BY ARCHITECT.</p> <p>NOTE: WHERE INDICATED POLISHED BRONZE (PB), IT SHALL BE POLISHED NICKEL BRONZE.</p> <p>SIZE: AS INDICATED ON DRAWINGS OR AS REQUIRED BY CODE.</p>
WHA	<p><b>WATER HAMMER ARRESTOR (WHA):</b></p> <p>TYPE: STAINLESS STEEL CONSTRUCTION, PRE-CHARGED, PERMANENTLY SEALED.</p> <p>PIPE SIZE: 1".</p> <p>P.D.I. UNIT SIZE: D.</p> <p>FIXTURE UNIT RATING: 61-113.</p> <p>MFG: JAY R. SMITH FIG. NO. 5030.</p>



**PUMP ROOM / ARCH PLUMBING PLAN**  
**SCALE: 1/4" = 1'-0"**

**KEYED NOTES**

- SEE MECHANICAL FLOOR PLAN FOR CONTINUATION.
- RISE 2" WATER AND BRANCH 2" TO RPBP-1 AT 48" A.F.F. CONTINUE 2" RISER AND SEE MECHANICAL FLOOR PLAN.
- RISE 2" WATER AS HIGH AS POSSIBLE.
- ROUTE DRAIN FULL SIZE FROM RPBP-1 TO BUILDING EXTERIOR AND TERMINATE AT 6" ABOVE FINISH GRADE WITH ELBOW.
- RISE 2" VENT EXPOSED ON WALL AND OFFSET BELOW ROOF STRUCTURE TO 2" VTR.
- SEE PROJECT SPECIFICATIONS FOR EQUIPMENT TO BE INSTALLED UNDER THIS CONTRACT.

**GENERAL NOTE**

CONTRACTOR SHALL VERIFY WITH SUPPLIER(S) AS TO THE EXTENT OF EQUIPMENT REQUIREMENTS AND COORDINATE, PROVIDE AND INSTALL PIPING AS SHOWN ON THIS PLAN ALONG WITH ANY ADDITIONAL PIPING, VALVES, AND ASSOCIATED PLUMBING ITEMS REQUIRED FOR A COMPLETE SYSTEM.

SEE PROJECT SPECIFICATIONS FOR EQUIPMENT TO BE INSTALLED UNDER THIS CONTRACT.

AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL			REVISIONS			DESIGN		
CONTRACTOR	DATE		NO.	BY	DATE	NO.	BY	DATE	NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
INSPECTOR'S	DATE																
FIELD	DATE																
VERIFICATION BY	DATE																
CONTRACT	DATE																
NO.																	

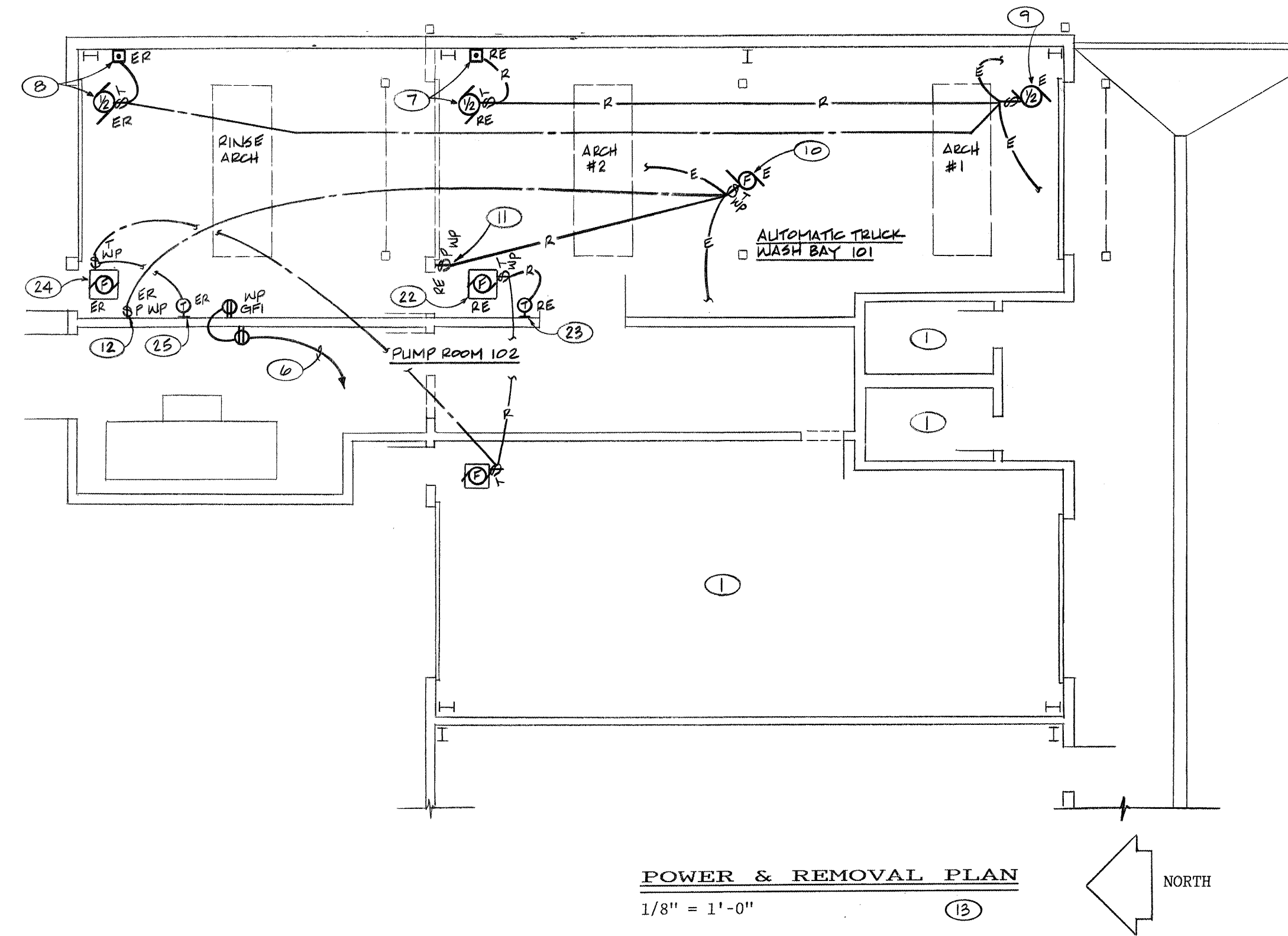
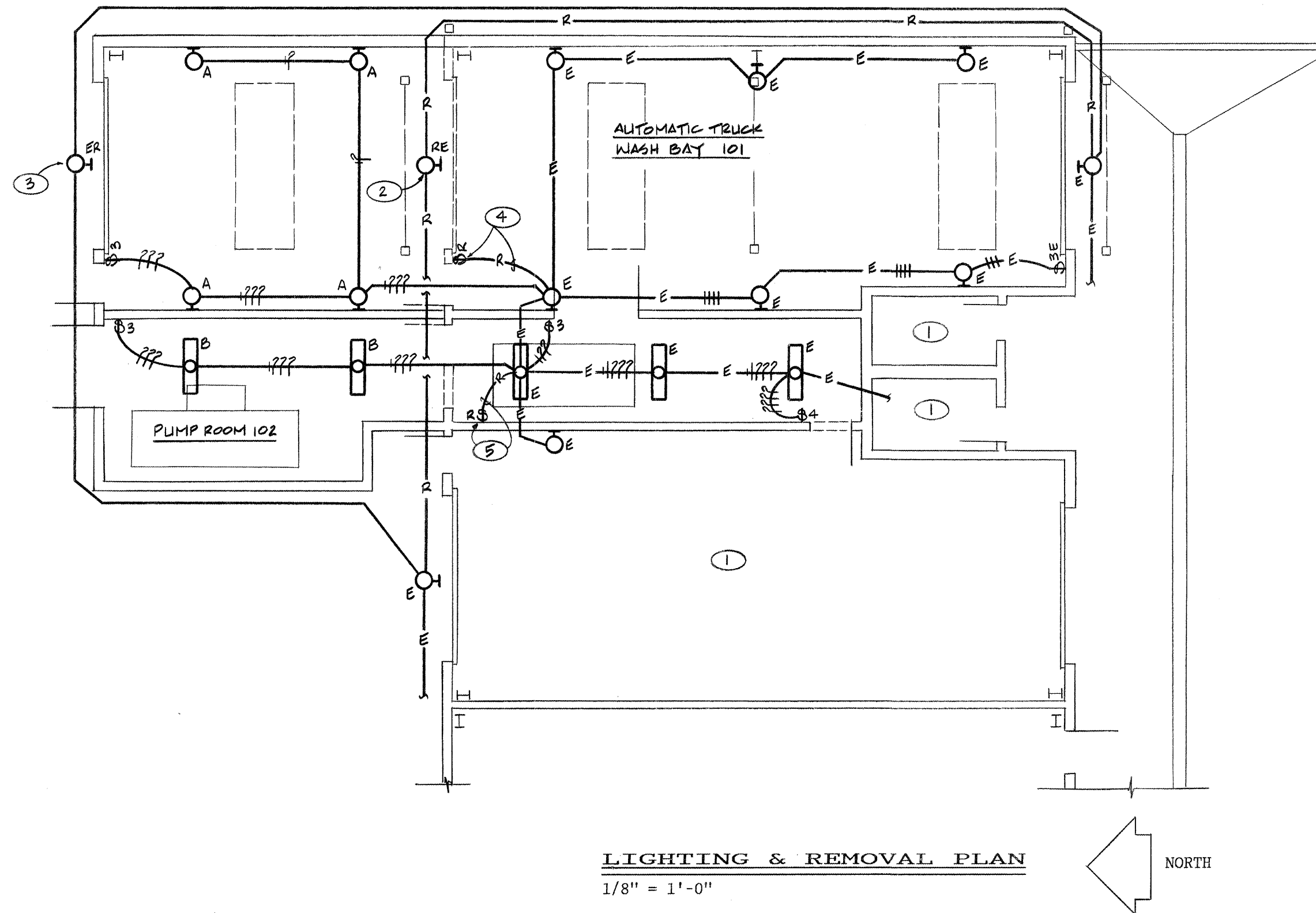
CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

**TITLE: AUTOMATIC TRUCK WASH ADDITION @  
MAINTENANCE BLDG. SOLID WASTE MANAGEMENT FACILITY  
4600 EDITH BLVD. N.E.**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	N/A		Water	N/A	
Trans. Dev.	N/A		Waste Water	N/A	
Hydrology	N/A				

PROJECT NO. 4257.90 MAP NO. G-15 SHEET 6 OF 8

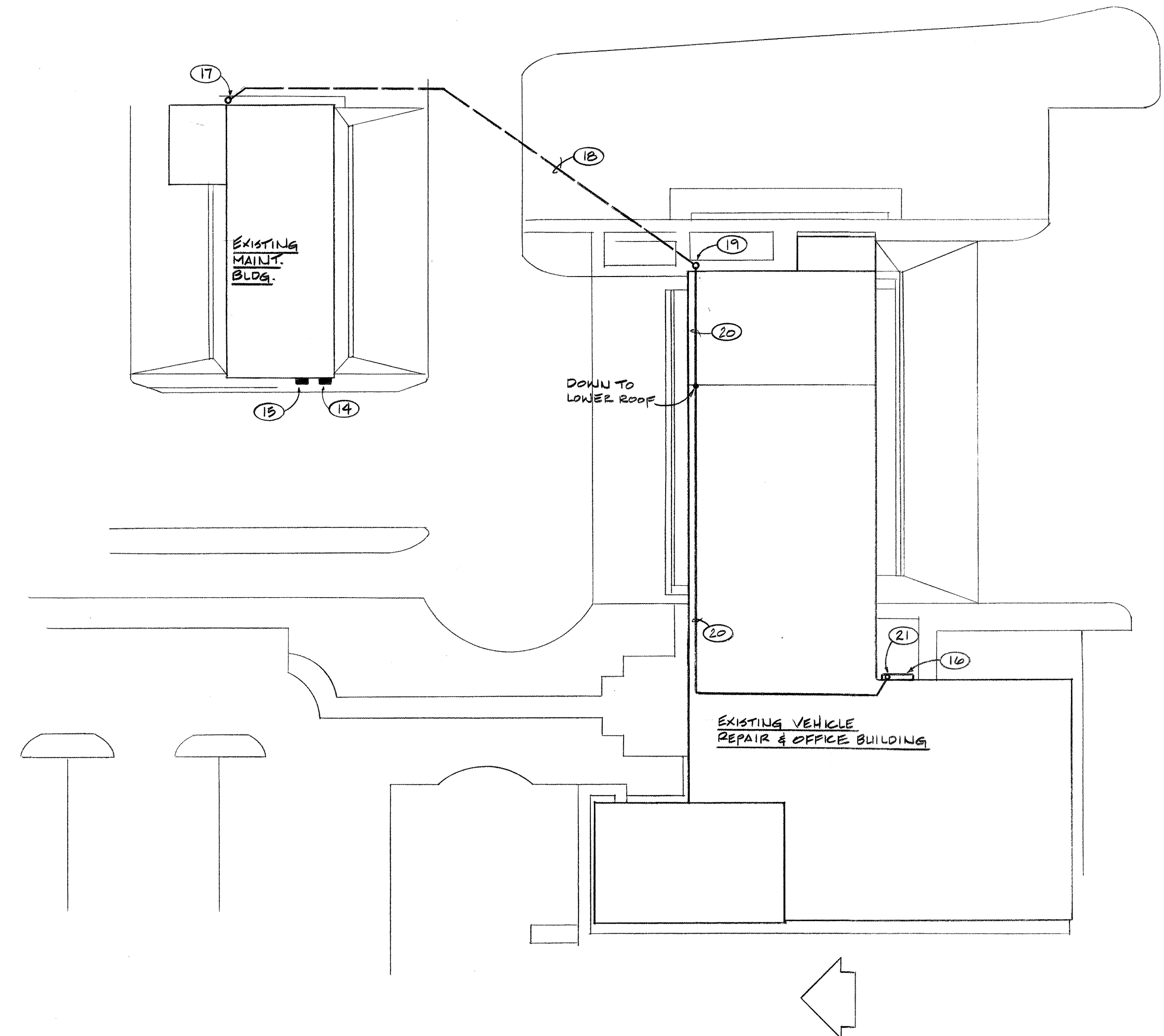




- SYMBOL LEGEND**
- ⓐ FLUORESCENT FIXTURE AND OUTLET. CAP. LETTER REFERS TO FIXTURE SCHEDULE. LOWER CASE LETTER DESIGNATES SWITCH CONTROL.
  - ⓑ LIGHTING FIXTURE, WALL OUTLET. CAP. LETTER REFERS TO FIXTURE SCHEDULE. MOUNT AT HEIGHT AS NOTED ON SCHEDULE.
  - ⓓ SINGLE POLE TOGGLE SWITCH. UP 48" TO BOTTOM. HUBBELL #1221-I.
  - ⓔ THREE WAY TOGGLE SWITCH. UP 48" TO BOTTOM. HUBBELL #1223-I.
  - ⓕ FOUR WAY TOGGLE SWITCH. UP 48" TO BOTTOM. HUBBELL #1224-I.
  - ⓖ SINGLE POLE MANUAL MOTOR SWITCH. SIZE OVERLOADS TO PROTECT MOTOR. UP 48" TO BOTTOM OR AS NOTED ON THE DRAWINGS. SQUARE D CLASS 2510.
  - ER EXISTING - RELOCATED.
  - RE EXISTING TO BE RELOCATED.
  - ⓓ J-BOX INSTALLED ABOVE CEILING. SIZE PER NEC.
  - ⓔ J-BOX INSTALLED FLUSH IN WALL. SIZE PER NEC. LOCATE AS REQUIRED TO FACILITATE EQUIPMENT CONNECTION.
  - ⓖ DUPLEX RECEPTACLE, NEMA 5-15R, 15 AMP/125 VOLT, UP 12" UNLESS OTHERWISE NOTED ON THE DRAWINGS. "AC" = ABOVE COUNTER.
  - ⓗ ELECTRIC MOTOR OUTLET. NUMBER INDICATES HORSEPOWER.
  - ⓓ WIRING RUN CONCEALED IN CONDUIT. HASH MARKS INDICATE 1 NEUTRAL, 2 PHASE CONDUCTORS, ARROWS AND SUBSCRIPT INDICATES HOMERUN TO PANEL "A", CIRCUITS #1 & 3.
  - CONDUIT RUN CONCEALED IN CEILING OR WALL.
  - - - CONDUIT RUN CONCEALED IN WALL OR FLOOR.
  - - - CONDUIT RUN EXPOSED.
  - WP WEATHERPROOF.
  - ELECTRICAL KEYED NOTE SYMBOL.
  - ⓓ WIRING - NEUTRAL, HOT LEG, SWITCH LEG, GROUND CONDUCTOR RESPECTIVELY.
  - E EXISTING TO REMAIN.
  - R EXISTING TO BE REMOVED.

- GENERAL NOTES**
- A. CONDUIT: 1/2" MINIMUM SIZE, EMT, IMC, RIGID OR ENT WHERE PERMITTED BY CODE. SCHEDULE 40 PVC UNDERGROUND.
- B. WIRE: #12 AWG MINIMUM SIZE, THWN INSULATION, COPPER CONDUCTORS. ALUMINUM WILL NOT BE PERMITTED UNLESS OTHERWISE NOTED.

- KEYED NOTES**
- ① NO WORK IN THIS ROOM.
  - ② REMOVE AND RELOCATE THIS FIXTURE, SEE NOTE ③. REMOVE WIRE AND ABANDON CONDUIT IN PLACE IF CONCEALED, REMOVE CONDUIT IF EXPOSED.
  - ③ NEW LOCATION FOR FIXTURE, MOUNT ABOVE ROLL-UP TRUCK DOOR. CONNECT SAME AS EXISTING.
  - ④ REMOVE 3 WAY SWITCH, WIRE AND EXPOSED CONDUIT, RELOCATE SWITCH TO NEW DOOR LOCATION.
  - ⑤ REMOVE SWITCH, WIRE AND EXPOSED CONDUIT.
  - ⑥ TO EXISTING PANEL "2M", CONNECT TO A SPARE 1 POLE, 20 AMP CIRCUIT. SEE "PARTIAL SITE PLAN" THIS SHEET FOR PANEL LOCATION.
  - ⑦ DISCONNECT AND RELOCATE EXISTING OVERHEAD DOOR MOTOR AND CONTROLLER, SEE NOTE ⑧. REMOVE WIRE AND ALL EXPOSED CONDUIT AS SHOWN.
  - ⑧ NEW LOCATION FOR OVERHEAD DOOR MOTOR AND CONTROLLER, CONNECT SAME AS EXISTING.
  - ⑨ EXISTING OVERHEAD DOOR MOTOR AND CONTROLLER TO REMAIN.
  - ⑩ EXISTING EXHAUST FAN TO REMAIN.
  - ⑪ RELOCATE EXISTING FAN CONTROL SWITCH TO NEW LOCATION, NOTE ⑫; REMOVE WIRE AND ANY EXPOSED CONDUIT.
  - ⑫ NEW LOCATION FOR RELOCATED FAN CONTROL SWITCH.
  - ⑬ SEE SHEET E-2 FOR DRIVE THRU AUTOMATIC TRUCK WASH ELECTRICAL REQUIREMENTS.
  - ⑭ EXISTING PANEL "4M", 277/480 VOLT, 3 PHASE, 4 WIRE.
  - ⑮ EXISTING PANEL "2M", 208Y/120 VOLT, 3 PHASE, 4 WIRE.
  - ⑯ EXISTING MAIN DISTRIBUTION PANEL "MDP"; 277/480 VOLT, 3 PHASE, 4 WIRE, SEE NOTES ① AND ② ON SHEET E-2.
  - ⑰ FOR CONTINUATION, SEE NOTE ⑤ ON SHEET E-2.
  - ⑱ SEE NOTES ④ AND ⑦ ON SHEET E-2; DETERMINE EXACT PATH FOR THIS CONDUIT IN THE FIELD AVOIDING ANY OBSTACLES THAT WILL REQUIRE EXCESSIVE TRENCHING OR REPLACEMENT WORK.
  - ⑲ UP ON EXTERIOR WALL TO ROOF OF EXISTING BUILDING. USE "LB" CONDULETS FOR CHANGES IN DIRECTION AT ROOF AND/OR PARAPET.
  - ⑳ RUN CONDUIT OVER ROOF ON 4" x 4" x 6" LONG REDWOOD SLEEPERS MOPPED INTO EXISTING BUILT-UP ROOFING. INSTALLATION SHALL MEET ARCHITECTS APPROVAL.
  - ㉑ DOWN TO "MDP", SEE NOTE ⑲ ABOVE.
  - ㉒ EXISTING UNIT HEATER TO BE RELOCATED BY MECHANICAL CONTRACTOR, DISCONNECT AS REQUIRED AND REMOVE WIRE AND EXPOSED CONDUIT. SEE NOTE ㉔.
  - ㉓ EXISTING THERMOSTAT TO BE RELOCATED, SEE NOTE ㉕.
  - ㉔ NEW LOCATION FOR EXISTING UNIT HEATER. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR. CONNECT SAME AS EXISTING.
  - ㉕ NEW LOCATION FOR THERMOSTAT, CONNECT SAME AS EXISTING, SEE NOTE ㉔.



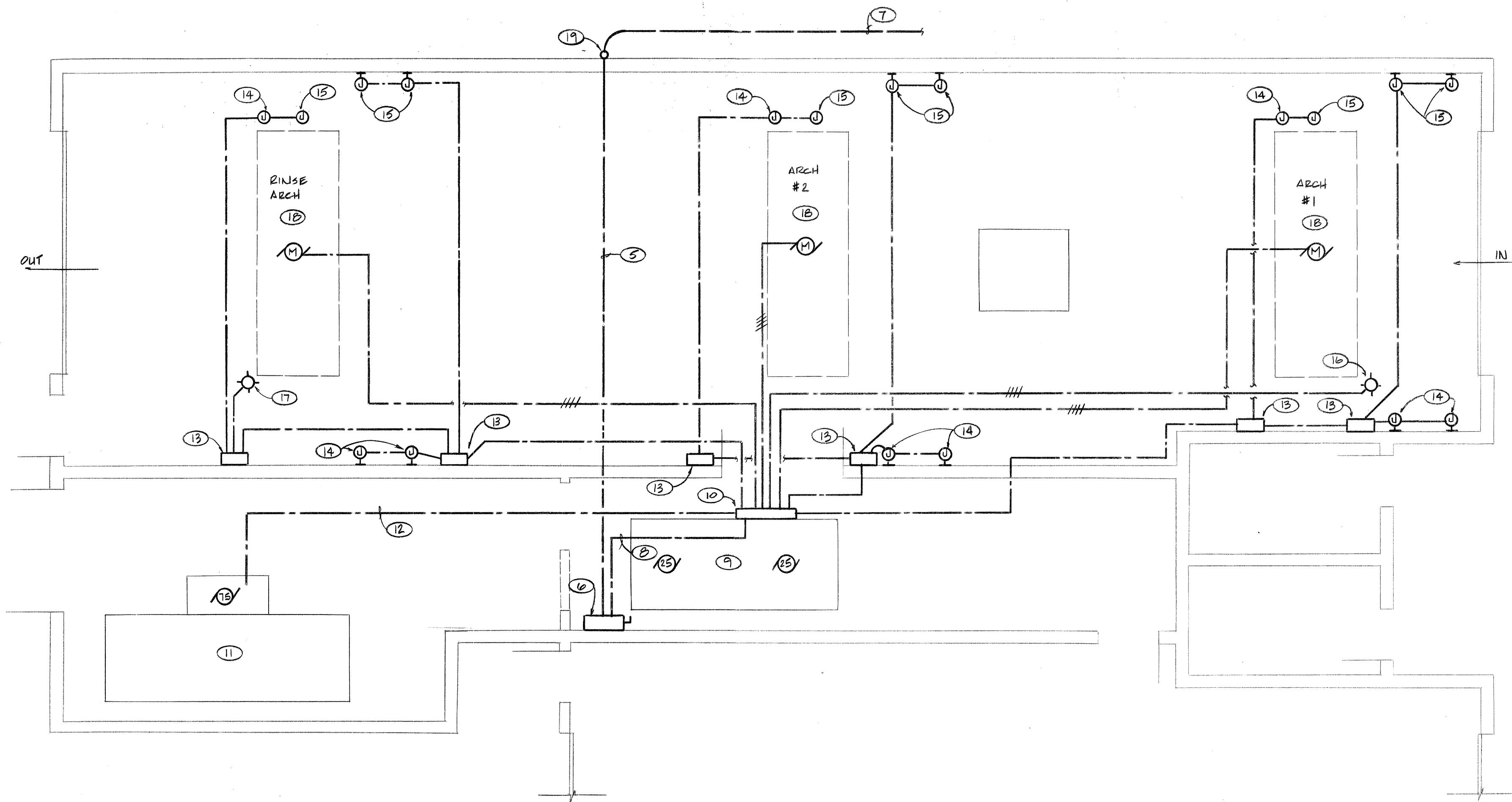
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CONTRACTOR	DATE	INSPECTOR'S	DATE	NO.	BY	DATE	NO.	NO.	BY	DATE	NO.	REMARKS	DATE	DESIGNED BY	DATE
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DESIGNED BY	DATE	CHECKED BY	DATE
MICRO-FILM INFORMATION				FIELD NOTES				REVISIONS				DESIGN			
NO.				NO.				NO.				NO.			

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
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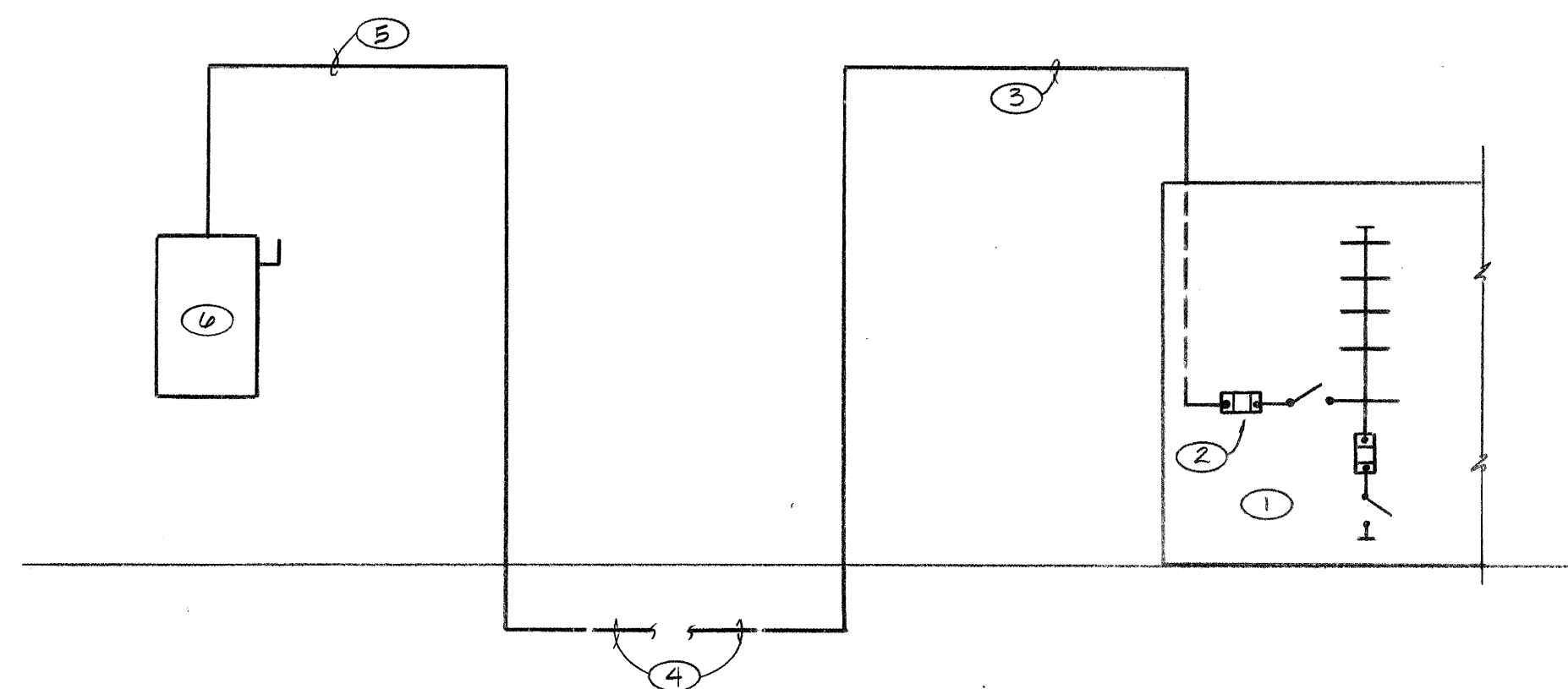
**TITLE: AUTOMATIC TRUCK WASH ADDITION @ MAINTENANCE BLDG. SOLID WASTE MANAGEMENT FACILITY 4600 EDITH BLVD. N.E.**

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	N/A		Water	N/A	
Trans. Dev.	N/A		Waste Water	N/A	
Hydrology	N/A				

PROJECT NO. 4257.90 MAP NO. G-15 SHEET 7 OF 8



**DRIVE THRU TRUCK WASH - ELECTRICAL PLAN**  
1/4" = 1'-0"



**RISER DIAGRAM**  
N.T.S.

# **GENERAL NOTES**

- A. CONDUIT: 1/2" MINIMUM SIZE, EMT, IMC, RIGID OR ENT WHERE PERMITTED BY CODE. SCHEDULE 40 PVC UNDERGROUND.
- B. WIRE: #12 AWG MINIMUM SIZE, THWN INSULATION, COPPER CONDUCTORS. ALUMINUM WILL NOT BE PERMITTED UNLESS OTHERWISE NOTED.
- C. WIRING FOR ELECTRIC EYE CONTROL SYSTEMS AND REAR DOOR WASH LIGHT SHALL BE AS REQUIRED BY THE AUTO TRUCK WASH SYSTEM MANUFACTURER. CABLES CAN BE PURCHASED FROM THE SYSTEM MANUFACTURER.
- D. ALL CONNECTIONS TO THE AUTO TRUCK WASH SYSTEM SHALL BE AS REQUIRED BY THE MANUFACTURER AND UTILIZING THE MANUFACTURER'S WIRING AND CONNECTION DIAGRAMS.
- E. SYSTEM SHOWN FOR THE AUTOMATIC TRUCK WASH SYSTEM IS BASED ON INFORMATION RECEIVED FROM THOMPSON TRACTOR TRAILOR DRIVE THRU WASH, P.O. BOX 233, FOUNTAIN INN, S.C. 29644 (A DIVISION OF JUICE MFG. INC.). WIRING MAY HAVE TO BE MODIFIED DEPENDING ON THE SUCCESSFUL BIDDER FOR THE TRUCK WASH SYSTEM. IT WILL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO DETERMINE EXACT REQUIREMENTS AND LOADS FOR THE INSTALLED SYSTEM IF OTHER THAN ABOVE.

## **KEYED NOTES**

- 1 EXISTING MAIN DISTRIBUTION PANEL "MDP". SEE "PARTIAL SITE PLAN" ON SHEET 7 OF 8.
- 2 FUSE SPARE 400 AMPERE SWITCH UNIT IN "MDP" AT 250 AMPERES.
- 3 #350 KCMIL AND 1 #2 (GRD) THWN-CU - 2-1/2"C. RUN UP WALL AND OVER ROOF; SEE "PARTIAL SITE PLAN" ON SHEET E-1.
- 4 SAME AS 3 EXCEPT RUN UNDERGROUND.
- 5 SAME AS 3 EXCEPT RUN OVER ROOF OF EXISTING MAINTENANCE BUILDING.
- 6 SAFETY SWITCH, 400 AMPERE, 3 POLE, 3 WIRE, 600 VOLT, HEAVY DUTY, NON-FUSIBLE, NEMA 1 ENCLOSURE.
- 7 SEE NOTE 4, EXTEND TO EXISTING OFFICE/VEHICLE REPAIR BUILDING; SEE "PARTIAL SITE PLAN" ON SHEET E-1.
- 8 3 #4/0 AND 1 #2 (GRD) THWN-CU-2"C.
- 9 NEW AUTOMATIC TRUCK WASH CONTROL UNIT BY MANUFACTURER OF SYSTEM, PRE-WIRED AT FACTORY.
- 10 CONTROL BOX MOUNTED ON 9 FOR AUTOMATIC TRUCK WASH SYSTEM. ALL CONNECTIONS TO DESIGNATED TERMINALS AS PER MANUFACTURER'S WIRING AND CONTROL DIAGRAMS.
- 11 NEW RINSE WATER TANK, PUMP AND MOTOR; CONNECT 480V POWER AS PER MANUFACTURER'S REQUIREMENTS.
- 12 3 #1 AND 1 #6 (GRD) THWN-CU - 1- 1/2"C.
- 13 ELECTRIC EYE CONTROL BOX BY AUTO TRUCK WASH SYSTEM MANUFACTURER.
- 14 ELECTRIC EYE SENDING UNIT BY AUTOMATIC TRUCK WASH SYSTEM MANUFACTURER.
- 15 ELECTRIC EYE RECEIVING UNIT BY AUTOMATIC TRUCK WASH SYSTEM MANUFACTURER.
- 16 STOP-START RED LIGHT SYSTEM BY AUTOMATIC TRUCK WASH SYSTEM MANUFACTURER.
- 17 REAR DOOR WASH LIGHT BY AUTOMATIC TRUCK WASH SYSTEM MANUFACTURER.
- 18 CONNECT MOTOR IN ARCH STRUCTURE AS REQUIRED BY MANUFACTURER.
- 19 UP ON EXTERIOR WALL OF BUILDING TO ROOF, USE "LB" CONDULETS FOR CHANGES IN DIRECTION AT ROOF AND/OR PARAPET.

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
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REVISIONS	DATE						
MICRO-FILM INFORMATION							
RECORDED BY	DATE						
NO.							

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<b>TITLE: AUTOMATIC TRUCK WASH ADDITION @ MAINTENANCE BLDG. SOLID WASTE MANAGEMENT FACILITY 4600 EDITH BLVD. N.E.</b>					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	N/A		Water	N/A	
Trans. Dev.	N/A		Waste Water	N/A	
Hydrology	N/A				
PROJECT NO. 4257.90		MAP NO. G-15		SHEET 8 OF 8	