

GENERAL CONSTRUCTION NOTES

GENERAL

CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS, INCLUDING A TOP SOIL DISTURBANCE PERMIT, PRIOR TO START OF CONSTRUCTION.

ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS ORDINANCES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.

REFERENCES MADE TO STANDARD SPECIFICATIONS AND STANDARD DRAWINGS REFER TO THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION WITH ALL UPDATES.

THE CONTRACTOR SHALL NOT INSTALL ITEMS AS SHOWN ON THESE PLANS WHEN IT IS OBVIOUS THAT FIELD CONDITIONS ARE DIFFERENT THAN SHOWN IN THE PLANS. SUCH CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN A TIMELY MANNER. IN THE EVENT THE CONTRACTOR DOES NOT NOTIFY THE ENGINEER A TIMELY MANNER, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY AND EXPENSE FOR ANY REVISIONS NECESSARY, INCLUDING ENGINEERING DESIGN FEES.

EXISTING SITE IMPROVEMENTS WHICH ARE DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. REPAIRS SHALL BE APPROVED BY THE OWNER PRIOR TO CONSTRUCTION OF THE REPAIRS. REPAIRS SHALL BE ACCEPTED BY THE OWNER PRIOR TO FINAL PAYMENT.

EXISTING FENCING THAT IS NOT DESIGNATED FOR REMOVAL SHALL NOT BE DISTURBED. ANY FENCING THAT IS DISTURBED OR ALTERED BY THE CONTRACTOR SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTORS EXPENSE. IF THE CONTRACTOR DESIRES TO REMOVE FENCING TO ACCOMMODATE CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL OBTAIN THE OWNER'S WRITTEN PERMISSION BEFORE FENCE IS REMOVED. CONTRACTOR SHALL RESTORE THE FENCE TO ITS ORIGINAL CONDITION AT THE EARLIEST OPPORTUNITY. WHILE ANY FENCING IS REMOVED, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SECURITY OF THE SITE UNTIL THE FENCE IS RESTORED.

WORK WITHIN ADJACENT RIGHT-OF-WAY

PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WITHIN ADJACENT RIGHT-OF-WAYS OR WITHIN PROPERTY NOT OWNED BY THE OWNER OF THE PROJECT SITE, THE CONTRACTOR SHALL ASSURE THAT ALL PERMITS AND PERMISSIONS REQUIRED HAVE BEEN OBTAINED IN WRITING.

SURVEY MONUMENTS, PROPERTY CORNERS, BENCHMARKS

THE CONTRACTOR SHALL NOTIFY THE OWNER AT LEAST SEVEN DAYS BEFORE BEGINNING ANY CONSTRUCTION ACTIVITY THAT COULD DAMAGE OR DISPLACE SURVEY MONUMENTS, PROPERTY CORNERS, OR PROJECT BENCHMARKS SO THESE ITEMS MAY BE RELOCATED.

ANY SURVEY MONUMENTS, PROPERTY CORNERS, OR BENCHMARKS THAT ARE NOT IDENTIFIED FOR RELOCATION ARE THE RESPONSIBILITY OF THE CONTRACTOR TO PRESERVE AND PROTECT. RELOCATION OR REPLACEMENT OF THESE ITEMS SHALL BE DONE BY THE OWNER'S SURVEYOR AT THE EXPENSE OF THE CONTRACTOR.

DIMENSIONS

ALL DIMENSIONS TO CURBS ARE TO THE FLOWLINE UNLESS OTHERWISE NOTED.

ALL STATIONING IS TO THE CENTERLINE OF THE RIGHT-OF-WAY UNLESS OTHERWISE NOTED.

ALL SLOPES AND GRADES ARE IN PERCENT UNLESS OTHERWISE NOTED.

CURB ELEVATIONS ARE SHOWN AT THE FLOW LINE UNLESS OTHERWISE NOTED. SEE THE DETAIL SHEET TO DETERMINE THE CURB HEIGHT ABOVE FLOW LINE.

SOILS

UNLESS OTHERWISE SPECIFIED, SUBGRADE, ENGINEERED FILL, AND STRUCTURAL FILL SHALL BE COMPACTED TO THE FOLLOWING SPECIFICATIONS OF THE ASTM D-1557 MAXIMUM DRY DENSITY.

MATERIAL /LOCATION	PERCENT COMPACTION
STRUCTURAL FILL IN THE BUILDING AREA	95%
SUBBASE FOR SLAB SUPPORT	95%
MISCELLANEOUS BACKFILL BELOW STRUCTURAL FILL OR ROADWAY PAVEMENT	95%
MISCELLANEOUS BACKFILL BELOW UNPAVED, NON-BUILDING AREAS	90%
ROADWAY PAVEMENT SUBGRADE	95%
SIDEWALK SUBGRADE	90%
CURB AND GUTTER SUBGRADE	95%

PAVEMENT

WHEN ABUTTING NEW PAVEMENT TO EXISTING PAVEMENT, CUT EXISTING PAVEMENT EDGE TO A NEAT, STRAIGHT LINE AS NECESSARY TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW PAVEMENT ELEVATION TO EXISTING.

ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED AND APPROVED PRIOR TO PAVING.

ALL WATER VALVE BOXES AND ELECTRICAL, TELEPHONE, TELEVISION, AND SEWER MANHOLES IN THE CONSTRUCTION AREA SHALL BE ADJUSTED TO FINISHED GRADE BEFORE PAVING.

WHEN SIDEWALK OR CURB AND GUTTER IS REMOVED, IT SHALL BE REMOVED TO EXISTING CONSTRUCTION JOINTS. CUTTING OR BREAKING SHALL NOT BE ALLOWED.

UTILITIES

IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE LOCATION ONLY BASED ON THE INFORMATION PROVIDED TO THE ENGINEER BY OTHERS. THIS INFORMATION MAY BE INACCURATE OR INCOMPLETE. ADDITIONALLY, UNDERGROUND LINES MAY EXIST THAT ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ACCORDANCE WITH CHAPTER 62, ARTICLE 14-1, THROUGH 14-8, NMSA 1978.

THE CONTRACTOR SHALL CONTACT THE STATEWIDE UTILITY LOCATOR SERVICE AT 1-800-321-2537 AT LEAST TWO WORKING DAYS BEFORE BEGINNING CONSTRUCTION. AFTER THE UTILITIES ARE SPOTTED, THE CONTRACTOR SHALL EXPOSE ALL PERTINENT UTILITIES TO VERIFY THEIR VERTICAL AND HORIZONTAL LOCATION. IF A CONFLICT EXISTS BETWEEN EXISTING UTILITIES AND PROPOSED CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMAL DELAY.

THE CONTRACTOR SHALL EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UTILITIES, ABOVE OR BELOW GROUND. UTILITIES THAT ARE DAMAGED BY CARELESS CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.

EXISTING VALVES SHALL ONLY BE OPERATED BY THE UTILITY COMPANY. CONTRACTOR SHALL NOTIFY THE UTILITY A MINIMUM OF TWO WORKING DAYS BEFORE ANY VALVE, NEW OR EXISTING, NEEDS TO BE OPERATED.

THE CONTRACTOR SHALL COORDINATE ANY REQUIRED UTILITY INTERRUPTIONS WITH THE OWNER AND AFFECTED UTILITY COMPANY A MINIMUM OF THREE WORKING DAYS BEFORE THE INTERRUPTION.

THE CONTRACTOR SHALL MAINTAIN A RECORD DRAWING SET OF PLANS AND PROMPTLY LOCATE ALL UTILITIES, EXISTING OR NEW, IN THEIR CORRECT LOCATION, HORIZONTAL AND VERTICAL. THIS RECORD SET OF DRAWINGS SHALL BE MAINTAINED ON THE PROJECT SITE AND SHALL BE AVAILABLE TO THE OWNER AND ENGINEER AT ANY TIME DURING CONSTRUCTION.

EROSION CONTROL, ENVIRONMENTAL PROTECTION, AND STORM WATER POLLUTION PREVENTION PLAN

THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST AND EROSION CONTROL REGULATIONS. THE CONTRACTOR SHALL PREPARE AND OBTAIN ANY DUST CONTROL OR EROSION CONTROL PERMITS FROM THE REGULATORY AGENCIES.

THE CONTRACTOR SHALL PROMPTLY REMOVE ANY MATERIAL EXCAVATED WITH THE PUBLIC RIGHT-OF-WAY OR ADJACENT PROPERTY TO KEEP IT FROM WASHING OFF THE PROJECT SITE.

THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY BY CONSTRUCTION TEMPORARY EROSION CONTROL BERMS OR INSTALLING SILT FENCES AT THE PROPERTY LINES AND WETTING SOIL TO PREVENT IT FROM BLOWING.

WATERING, AS REQUIRED FOR CONSTRUCTION DUST CONTROL, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO MEASUREMENT OR PAYMENT SHALL BE MADE. CONSTRUCTION AREAS SHALL BE WATERED FOR DUST CONTROL IN COMPLIANCE WITH GOVERNMENT ORDINANCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND SUPPLYING WATER AS REQUIRED.

ANY AREAS DISTURBED BY CONSTRUCTION AND NOT COVERED BY LANDSCAPING OR IMPERVIOUS SURFACES SHALL BE REVEGETATED WITH RECLAMATION SEEDING.

THE CONTRACTOR SHALL PROPERLY HANDLE AND DISPOSE OF ALL ASPHALT REMOVED ON THE PROJECT BY HAULING TO AN APPROVED RECYCLER IF AVAILABLE.

IF POSSIBLE, ALL WASTE PRODUCTS AND DEMOLITION PRODUCTS FROM THE CONSTRUCTION SITE, INCLUDING ITEMS DESIGNED FOR REMOVAL, CONSTRUCTION WASTE, CONSTRUCTION EQUIPMENT WASTE PRODUCTS (OIL, GAS, TIRES, ETC.), GARBAGE, GRUBBING, EXCESS CUT MATERIAL, VEGETATIVE DEBRIS, ETC., SHALL BE APPROPRIATELY RECYCLED AT NO ADDITIONAL COST TO THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN, REVIEW, AND COMPLY WITH THE CITY OF ALBUQUERQUE'S WASTE MANAGEMENT PLAN AND OBTAIN ANY PERMITS REQUIRED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANUP AND REPORTING OF SPILLS OF HAZARDOUS MATERIALS ASSOCIATED WITH THE CONSTRUCTION SITE. HAZARDOUS MATERIALS, INCLUDES GASOLINE, DIESEL FUEL, MOTOR OIL, SOLVENTS, CHEMICALS, PAINT, ETC. WHICH MAY BE A THREAT TO THE ENVIRONMENT. THE CONTRACTOR SHALL REPORT THE DISCOVERY OF PAST OR PRESENT SPILLS TO THE NEW MEXICO EMERGENCY RESPONSE AT 1-800-219-6157.

THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING SURFACE AND UNDERGROUND WATER, CONTACT WITH SURFACE WATER BY CONSTRUCTION EQUIPMENT AND PERSONNEL SHALL BE MINIMIZED, EQUIPMENT MAINTENANCE AND REFUELING OPERATIONS SHALL BE PERFORMED IN AN ENVIRONMENTALLY SAFE MANNER IN COMPLIANCE WITH GOVERNMENT REGULATIONS.

THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING CONSTRUCTION NOISE AND HOURS OF OPERATION.

ACCESSIBLE FACILITIES

ALL SURFACES ALONG ACCESSIBLE ROUTES AND FOR HANDICAP RAMPS SHALL BE STABLE FIRM, SLIDE RESISTANT AND SHALL COMPLY WITH UNIFORM FEDERAL ACCESSIBILITY STANDARDS, PARAGRAPH 4.5.

LONGITUDINAL SLOPES ALONG ACCESSIBLE ROUTE SIDEWALKS, EXCEPT AT HANDICAP RAMPS, SHALL NOT BE STEEPER THAN 1:20. CROSS SLOPES ALONG ACCESSIBLE ROUTE SIDEWALKS EXCEPT AT HANDICAP RAMPS, SHALL NOT BE STEEPER THAN 1:48. SLOPES IN ACCESSIBLE PARKING SPACES, ACCESS AISLES, AND PASSENGER LOADING ZONES SHALL NOT BE STEEPER THAN 1:48 IN ALL DIRECTIONS.

THE SITE SHALL COMPLY WITH ANSI A117.1-1992, "ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES".

TRAFFIC CONTROL

THE CONTRACTOR SHALL PROVIDE ALL REQUIRED TRAFFIC CONTROL PLANS. ALL SIGNS, BARRICADES, CHANNELIZATION DEVICES, SIGN FRAMES AND ERECTION OF SUCH DEVICES SHALL CONFORM TO THE REQUIREMENTS OF "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" LATEST EDITION. PRIOR TO CONSTRUCTION, TRAFFIC CONTROL PLANS SHALL BE APPROVED BY THE GOVERNING AUTHORITY.

3.O. No. 19

Drainage Facilities within City Right-of-Way Notice to Contractor

1. An excavation permit will be required before beginning any work within City Right-Of-Way.
2. All work on this project shall be performed in accordance with applicable federal, state and local laws, rules and regulations concerning construction safety and health.
3. Two working days prior to any excavation, the contractor must contact the line locating service, New Mexico One Call 260-1990, (NM one call "811") for the location of existing utilities.
4. Prior to construction, the contractor shall excavate and verify the locations of all obstructions. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay.
5. Backfill compaction shall be according to traffic/street use.
6. Maintenance of the facility shall be the responsibility of the owner of the property being served.
7. Work on arterial streets shall be performed on a 24-hour basis.

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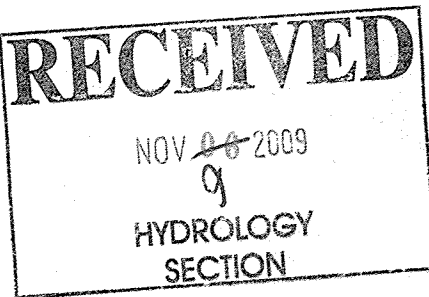
ROHDE MAY KELLER McNAMARA
ARCHITECTURE

PROFESSIONAL CORPORATION

400 Gold Avenue, SW Studio 1100 Simms Tower Albuquerque, New Mexico 87102 USA tel. 505 243 5454

ABBREVIATIONS

A	=	AIR LINE	NG	=	NATURAL GROUND
AD	=	AREA DRAIN	PB	=	ELECTRICAL PULL BOX
AIP	=	ABANDONED IN PLACE	PCC	=	PORTLAND CEMENT CONCRETE
BLDG.	=	BUILDING	PP	=	POWER POLE
BM	=	BENCHMARK	PVC	=	POLYVINYL CHLORIDE PIPE
CATV	=	CABLE TELEVISION LINE	RCP	=	REINFORCED CONCRETE PIPE
CIP	=	CAST IRON PIPE	RD	=	ROOF DRAIN
CMP	=	CORRUGATED METAL PIPE	R/W	=	RIGHT-OF-WAY
CMPA	=	CORRUGATED METAL PIPE ARCH	S	=	SLOPE
CO	=	CLEANOUT	SAS	=	SANITARY SEWER
CONC	=	CONCRETE	SD	=	STORM DRAIN
CL	=	CENTERLINE	STA	=	STATION
DIA	=	DIAMETER	STD	=	STANDARD
DIP	=	DUCTILE IRON PIPE	SW	=	SIDEWALK
E	=	ELECTRIC LINE	T	=	TELEPHONE
ELEV	=	ELEVATION	TA	=	TOP OF ASPHALT PAVEMENT
FF	=	FINISHED FLOOR ELEVATION	TAC	=	TOP OF ASPHALT CURB
FG	=	FINISHED GRADE	TC	=	TOP OF CONCRETE SLAB (PAVEMENT)
FH	=	FIRE HYDRANT	TCC	=	TOP OF CONCRETE CURB
G	=	GAS PIPE	TG	=	TOP OF GRATE
GM	=	GAS METER	TS	=	TOP OF SIDEWALK
GV	=	GATE VALVE	TW	=	TOP OF WALL
HI PT	=	HIGH POINT	TYP	=	TYPICAL
INV	=	INVERT ELEVATION	TB	=	TELEPHONE BOX
LF	=	LINEAL FEET	UE	=	UNDERGROUND ELECTRIC
LP	=	LIGHT POLE	UT	=	UNDERGROUND TELEPHONE
L/S	=	LANDSCAPING	W	=	WATER
MH	=	MANHOLE	WM	=	WATER METER
			WV	=	WATER VALVE

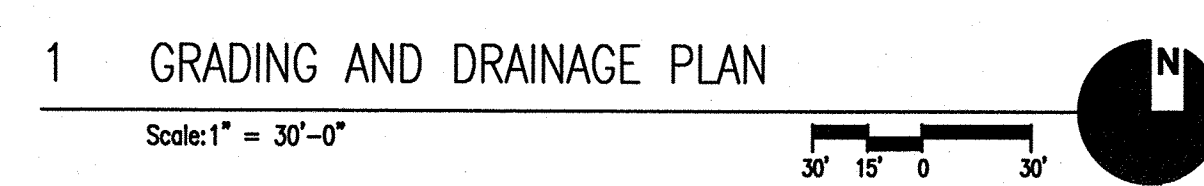


OWNER
CITY OF ALBUQUERQUE
ALBUQUERQUEPOLICE DEPARTMENT

SCALE
1" = 30'
DRAWING PROJECT NO.
0604
DRAWING FILE NO.
SIXTH AREA CMD, FINAL C
DATE
MAY 06, 2009
PROJECT MANAGER
STEPHEN LEOS, LEED AP, AIA
DRAWN BY

PROJECT
SIXTH AREA COMMAND HEADQUARTERS
4501 Cibola Lood NW
Albuquerque, New Mexico

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP					
TITLE: CIVIL GENERAL NOTES					
Design Review Committee	City Engineer Approval	Last Design Update	MO./DAY/YR.	MO./DAY/YR.	
City Project No. 7641.03		Zone Map No. A-13-Z	Sheet C1.1	Of	

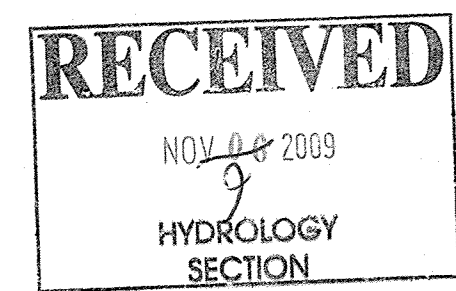


- 1 INSTALL 3' WIDE CONCRETE VALLEY GUTTER PER DETAIL 1/C2.0.
- 2 3" DRAIN FROM ATRIUM. SEE PLUMBING PLANS FOR DRAINAGE THIS AREA.
- 3 INSTALL NEW HANDICAP RAMP PER DETAIL 3/C2.0.
- 4 INSTALL NEW CONCRETE RUNDOWN PER DETAIL 4/C2.0.
- 5 SIDEWALK WITH TURNDOWN PER DETAIL 5/C2.0.
- 6 CONCRETE HEADER CURB PER DETAIL 6/C2.0.
- 7 INSTALL 24" WIDE SIDEWALK CULVERT PER DETAIL 11/C2.0.
- 8 SIDEWALK PER DETAIL 7/C2.0.
- 9 CURB AND GUTTER PER DETAIL 8/C2.0.
- 10 18" PVC STORM DRAIN. INV IN 75.00, INV OUT 73.50 .
- 11 6" PVC STORM DRAIN.
- 12 NEW RETAINING WALL. SEE ARCHITECTURAL PLAN FOR DESIGN DETAILS
- 13 ROCK LINED SWALE WITH ROCK CHECK DAMS. SEE LANDSCAPE PLAN FOR DETAILS AND ADDITIONAL INFORMATION. THIS OR SIMILAR LANDSCAPE DESIGN REQUIRED FOR EROSION CONTROL.
- 14 POND/LANDSCAPED MEDIAN PER DETAIL 9/C2.0.
- 15 6" PVC STORM DRAIN.
- 16 NEW NON-RETAINING SECURITY WALL. SEE ARCHITECTURAL PLAN FOR DESIGN DETAILS
- 17 CISTERN DESIGNED BY OTHERS
- 18 ROOF DOWNSPOUT PER PLUMBING PLAN P101
- 19 INSTALL 2' x 2' AREA DRAIN INLET PER PLUMBING PLAN P101
- 20 TRIM BACK EXISTING 12" SD TO MATCH FL TO POND BOTTOM ELEVATION AND INSTALL NEW STEEL 7.5" DIA. ORIFICE PLATE ORIFICE PLATE.
- 21 EXISTING WHEELCHAIR RAMP TO REMAIN.
- 22 REMOVE SAS CLEANOUT
- 23 CONSTRUCT NEW 12" WIDE SIDEWALK CULVERT PER COA STD DRAWING 2236.
- 24 STRIPE 2' WIDE AISLE BETWEEN PARKING SPACE AND FACE OF CURB TYPE ALL MEDIANS.
- 25 INSTALL NEW HANDICAP RAMP PER DETAIL 12/C2.1
- 26 CONSTRUCT BOULDER CHECK DAM. MINIMUM SIZE BOULDER 1.5 CF. SEE LANDSCAPING DRAWINGS.
- 27 CONSTRUCT 18" WIDE SIDEWALK CULVERT PER DETAIL 11/C2.1.
- 28 ROLL OVER CURB PER DETAIL 10/C2.0
- 29 CHAIN LINK FENCE PER ARCHITECTURAL PLAN DETAIL J2/A1.2
- 30 INSTALL CONCRETE RUNNER FOR GATE PER GATE MANUFACTURER'S REQUIREMENTS AND DETAILS.
- 31 BUILD CONCRETE CHANNEL PER DETAIL 13/C2.1.
- 32 INSTALL 12" THICK RIPRAP OVER FILTER FABRIC. D50 = 6" CRUSHED ROCK.

BASIN B5			
CISTERN AND CHECK DAMS			
CISTERN	DEPTH TO OVERFLOW (ft.)	AREA (sq. ft.)	VOLUME (cu. ft.)
	7.50	189	1414
CHECK DAMS	AVERAGE DEPTH (ft.)	AREA (sq. ft.)	VOLUME (cu. ft.)
	0.67	2374	1591
TOTAL STORMWATER STORAGE IN B5 (CU. FT.)			3,005

DISCHARGE POINTS

- | | |
|---|--|
| 1 | EXISTING STORM DRAIN FROM BASINS B1 AND B2 |
| 2 | SHEET FLOW OFFSITE TO ELLISON FROM BASIN B3 |
| 3 | SOUTHERN DRIVE PAD TO CIBOLA FROM BASIN B4 |
| 4 | SIDEWALK CULVERT #1 TO CIBOLA FROM BASIN B5 |
| 5 | SIDEWALK CULVERT #2 TO CIBOLA FROM BASIN B6 |
| 6 | NORTHERN DRIVE PAD TO CIBOLA FROM BASIN B7
AND OFF-SITE BASIN NORTH OF SITE |

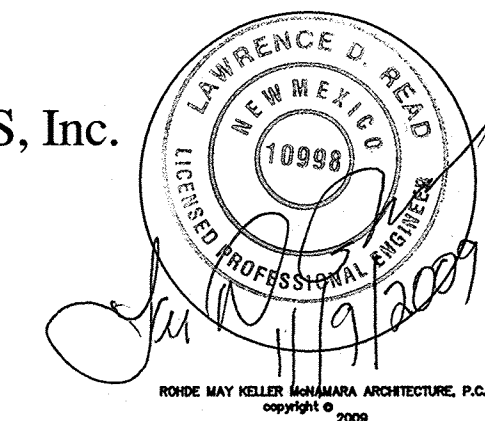


PROJECT
SIXTH AREA COMMAND HEADQUARTERS
4501 Cibola Lood NW
Albuquerque, New Mexico

100% BID CONSTRUCTION DOCUMENTS

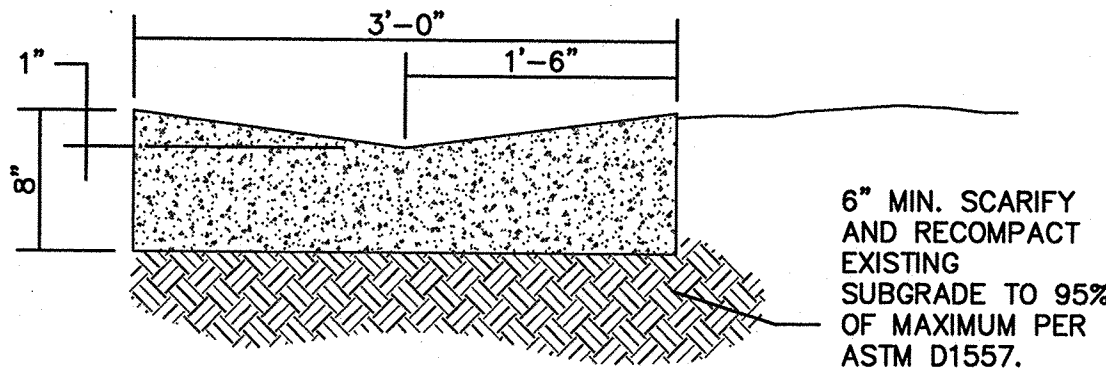
<p align="center">100% BID CONSTRUCTION DOCUMENTS</p> <p align="center">CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP</p>				
<p>TITLE:</p> <p align="center">GRADING AND DRAINAGE PLAN</p>				
<p>Design Review Committee</p>	<p>City Engineer Approval</p>	<p align="center">Last Design Update</p>	MO./DAY/YR.	MO./DAY/YR.
<p>City Project No.</p> <p align="center">7641.03</p>	<p>Zone Map No.</p> <p align="center">A-13-Z</p>	<p>Sheet</p> <p align="center">C1.2</p>	<p>Of</p>	

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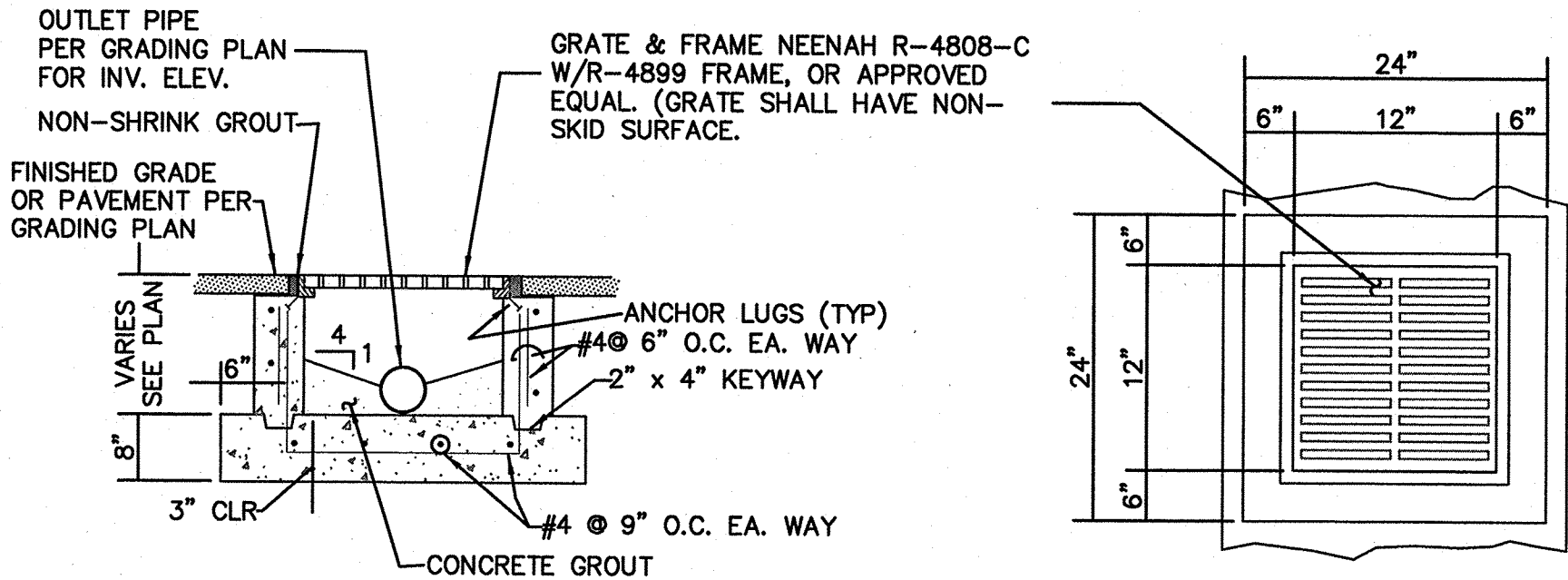


CONSTRUCTION NOTES:

1. PROVIDE 1/2" EXPANSION JOINTS AT 36' O.C., AT IMMOVABLE OBJECTS AND AT PERPENDICULAR CURBS PER DETAIL THIS SHEET
2. PROVIDE CONTRACTION JOINTS @ 6' O.C. PER DETAIL THIS SHEET



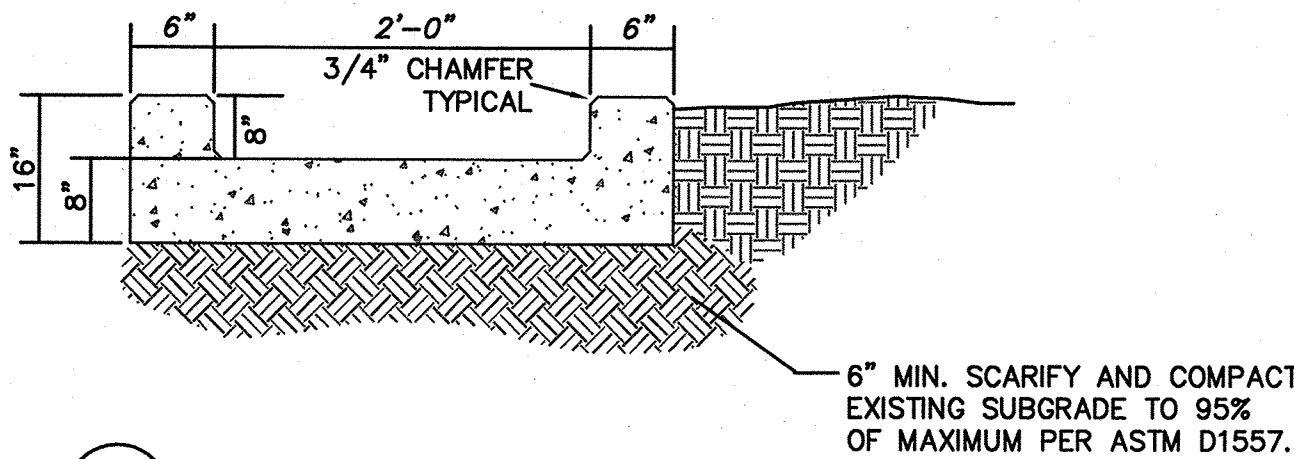
1 CONCRETE VALLEY GUTTER
N. T. S.



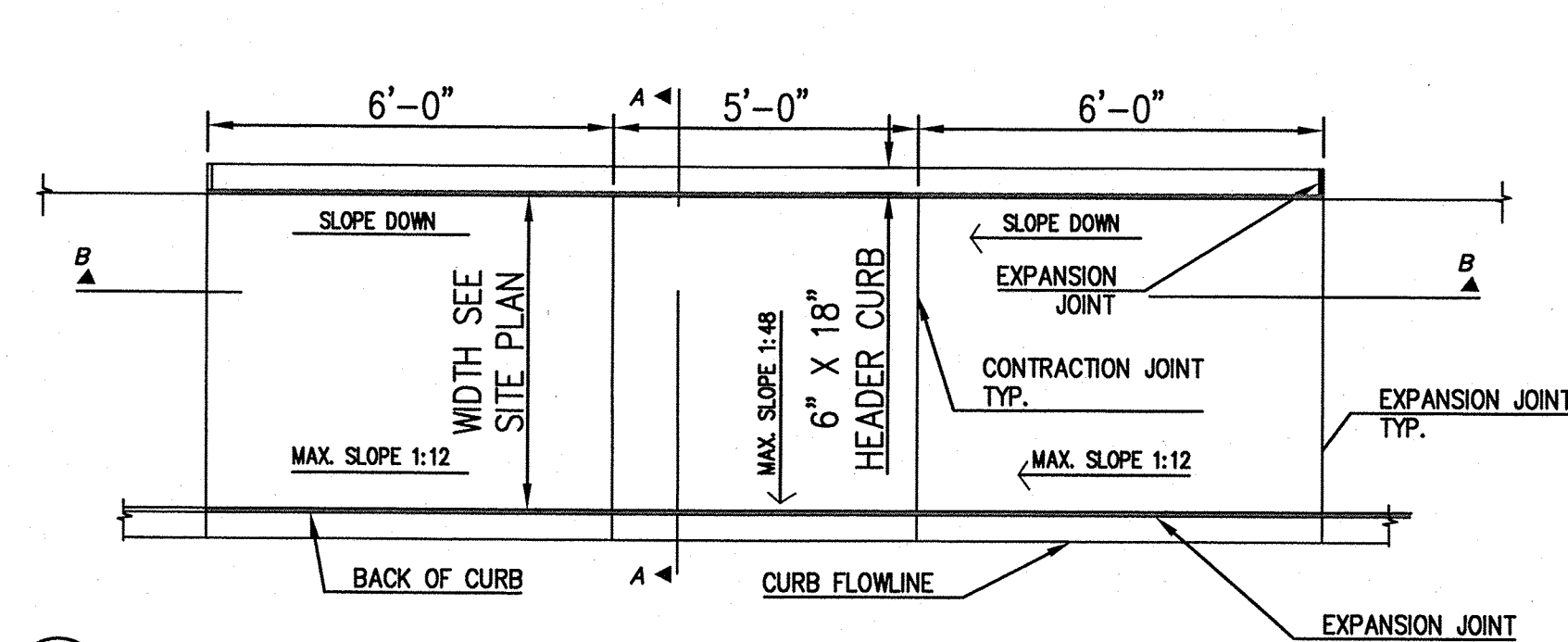
2 AREA DRAIN
N. T. S.

CONSTRUCTION NOTES:

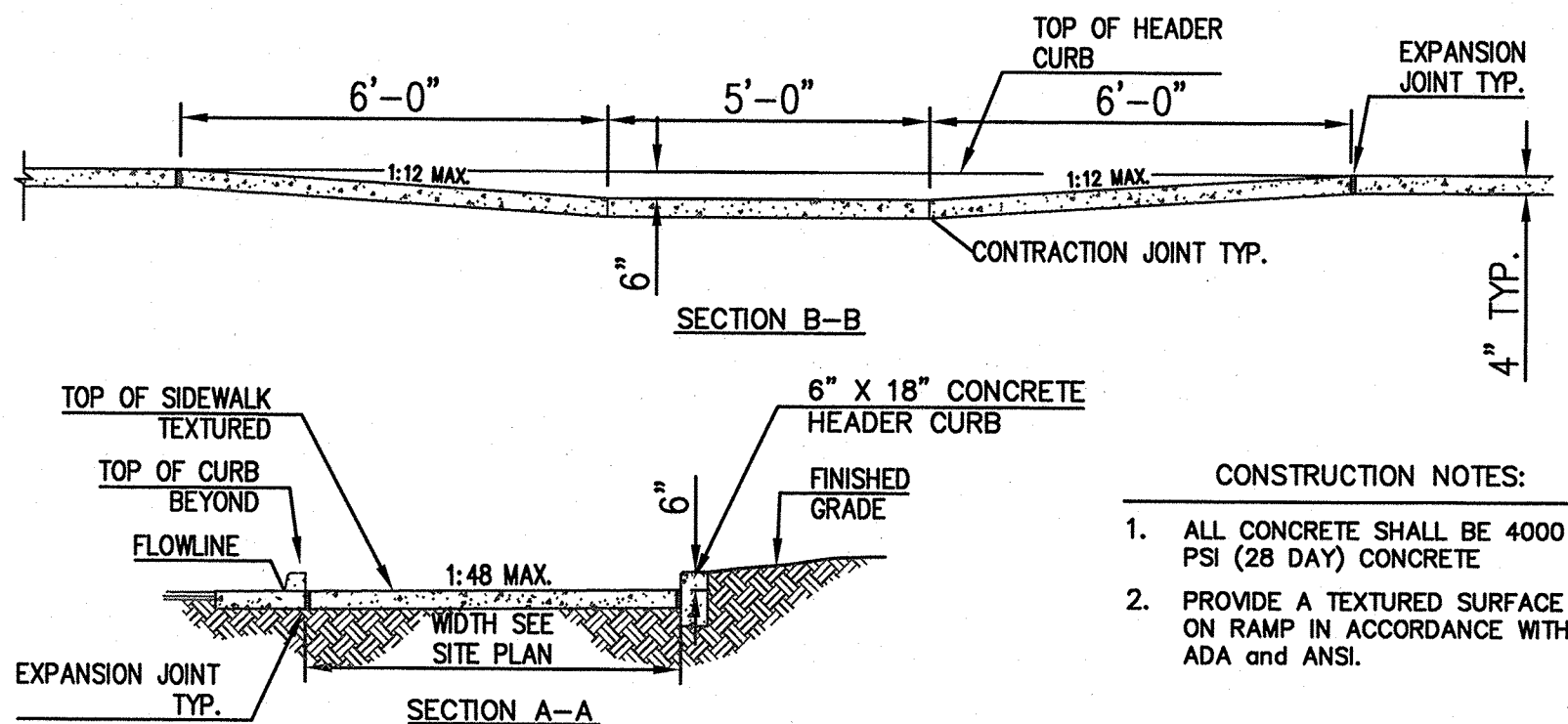
1. USE 4000 PSI PCC AT 28 DAYS.
2. PROVIDE 3/4" EXPANSION JOINTS AT 36' O.C., AT IMMOVABLE OBJECTS AND AT PERPENDICULAR CURBS.
3. PROVIDE CONTRACTION JOINTS @ 6' O.C.
4. ALL EXPOSED CONCRETE CORNERS TO HAVE 3/4" CHAMFER.



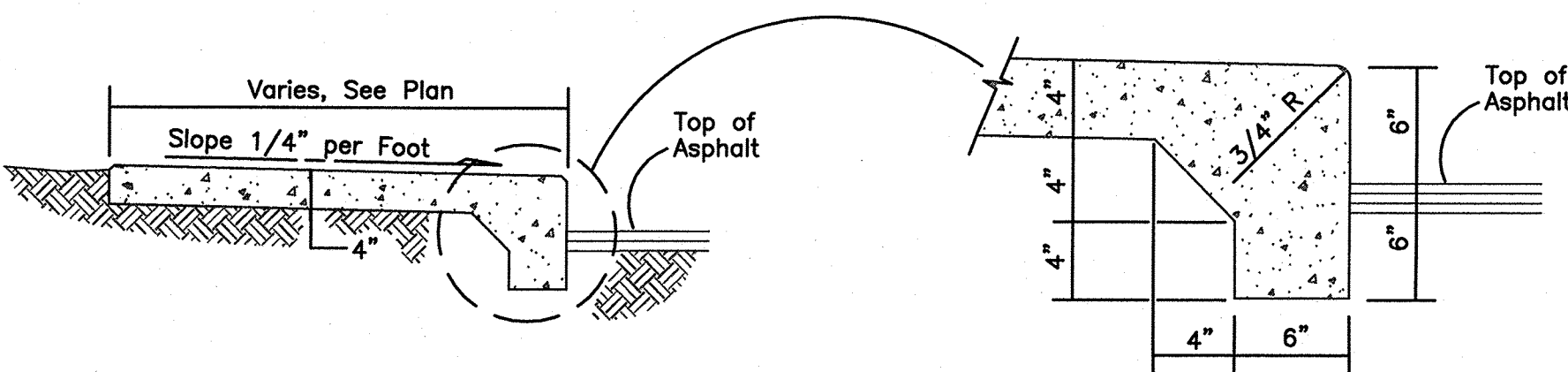
CONCRETE RUNDOWN
N. T. S.



CONCRETE HANDICAP RAMP DETAIL
N. T. S.



- CONSTRUCTION NOTES:
1. ALL CONCRETE SHALL BE 4000 PSI (28 DAY) CONCRETE
 2. PROVIDE A TEXTURED SURFACE ON RAMP IN ACCORDANCE WITH ADA AND ANSI.



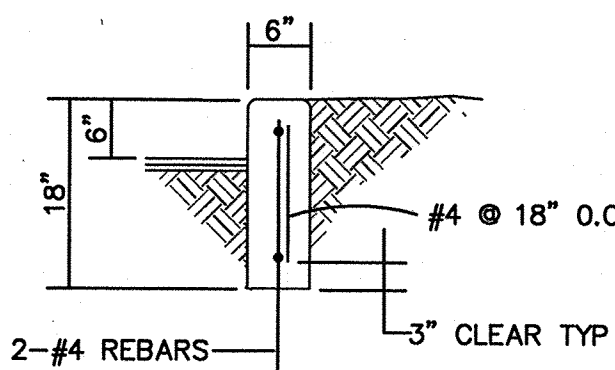
SIDEWALK DETAIL WITH TURNDOWN
N. T. S.

CONSTRUCTION NOTES:

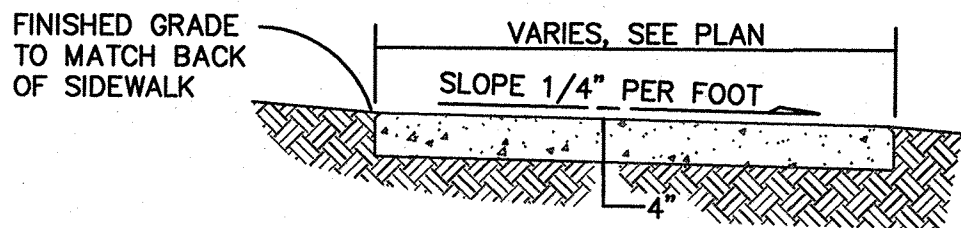
1. A Cross Slope of 1/4" per Foot Shall be Provided and Shall Slope Towards the Direction of Drainage Area.
2. Concrete Walks Shall Have Contraction Joints at 6' Intervals. 1/2" Expansion Joints Shall be Installed @ 36', Unless Otherwise Shown On Plans. See Details This Sheet.
3. 1/2" Expansion Joints Shall be Installed where walks abut Rigid Structures, Such as Curbs, Buildings, or Light Standards. See Detail This Sheet.
4. Concrete Shall Be 4000 PSI @ 28 Days.

CONSTRUCTION NOTES:

1. PROVIDE 1/2" EXPANSION JOINTS AT 36' O.C., AT IMMOVABLE OBJECTS, AND AT THE BEGINNING AND END OF CURVES.
2. PROVIDE CONTRACTION JOINTS @ 6' O.C.
3. ALL EXPOSED CONCRETE CORNERS TO HAVE 3/4" RADII.



6 CONCRETE HEADER CURB DETAIL
N. T. S.

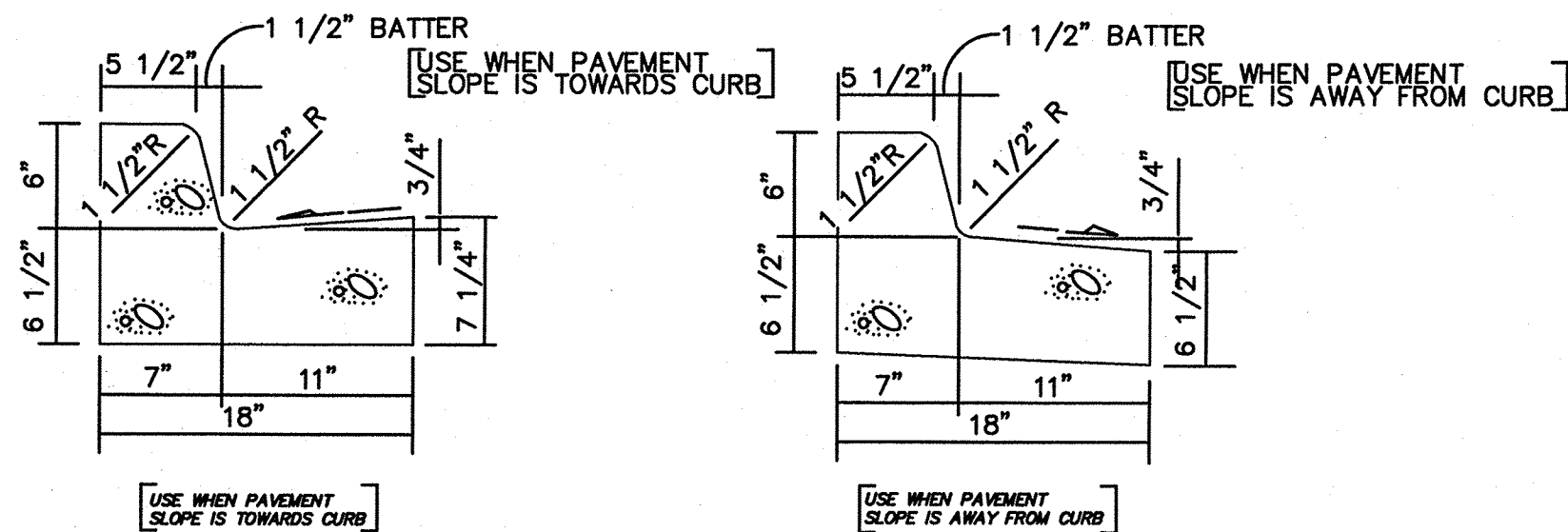


7 SIDEWALK DETAIL
N. T. S.

CONSTRUCTION NOTES:

1. A CROSS SLOPE OF 1/4" PER FOOT SHALL BE PROVIDED AND SHALL SLOPE TOWARDS THE DIRECTION OF THE DRAINAGE AREA.
2. CONCRETE WALKS SHALL HAVE CONTRACTION JOINTS AT 6' INTERVALS. 1/2" EXPANSION JOINTS SHALL BE INSTALLED EVERY 36', UNLESS OTHERWISE SHOWN ON PLANS. SEE DETAILS THIS SHEET.
3. 1/2" EXPANSION JOINTS SHALL BE INSTALLED WHERE WALKS ABUT RIGID STRUCTURES, SUCH AS CURBS, BUILDINGS, OR LIGHT STANDARDS. SEE DETAIL THIS SHEET.

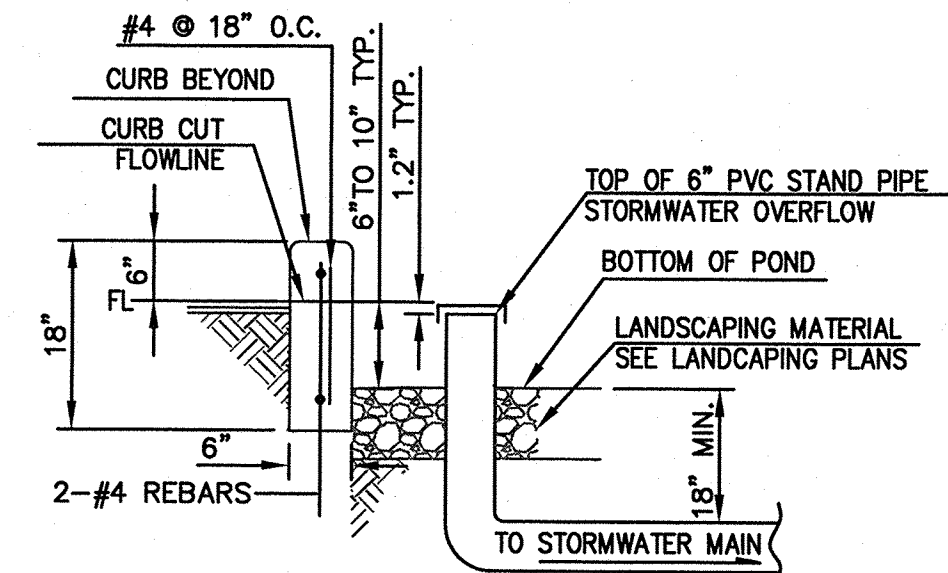
4000 PSI PCC AT 28 DAYS. PROVIDE 1/2" EXPANSION JOINTS @ 36' O.C., @ IMMOVABLE & @ BEGINING & END OF CURVES. PROVIDE 1" DEEP CONTRACTION JOINTS @ 6' O.C. SEE DETAILS THIS SHEET.



8 6 X 18 CONCRETE CURB AND GUTTER
N. T. S.

CONSTRUCTION NOTES:

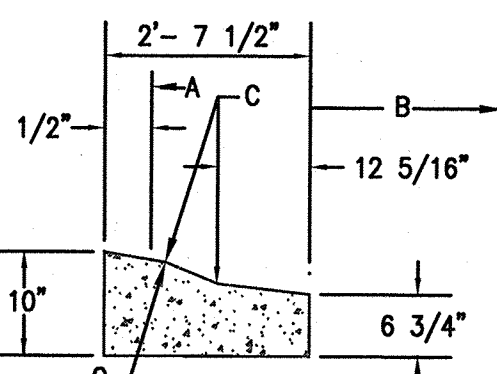
1. PROVIDE 1/2" EXPANSION JOINTS AT 36' O.C., AT IMMOVABLE OBJECTS, AND AT THE BEGINNING AND END OF CURVES.
2. PROVIDE CONTRACTION JOINTS @ 6' O.C.
3. ALL EXPOSED CONCRETE CORNERS TO HAVE 3/4" RADII.



9 POND/ LANDSCAPED MEDIAN DETAIL
N. T. S.

KEYED NOTES:

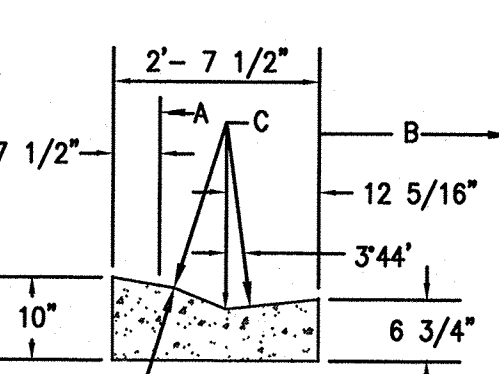
- A. THEORETICAL FACE OF CURB OR FLOWLINE.
- B. TRAFFIC SIDE.
- C. 24" RADIUS.



FOR USE WHEN PAVEMENT SLOPES AWAY FROM CURB

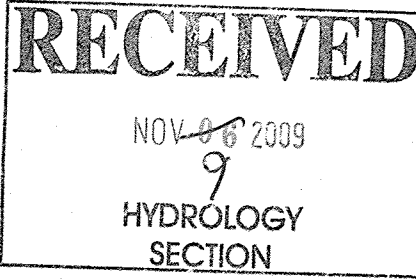
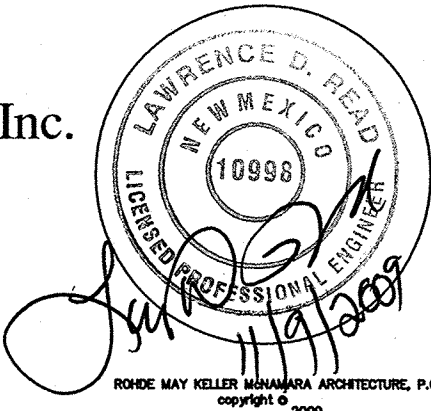
CONSTRUCTION NOTES:

1. PROVIDE 1/2" EXPANSION JOINTS AT 36' O.C., AT IMMOVABLE OBJECTS, AND AT THE BEGINNING AND END OF CURVES.
2. PROVIDE CONTRACTION JOINTS @ 6' O.C.
3. ALL EXPOSED CONCRETE CORNERS TO HAVE 3/4" RADII.



FOR USE WHEN PAVEMENT SLOPES TOWARD CURB

LARRY READ & ASSOCIATES, Inc.
Civil Engineers
2430 Midtown Place NE, Suite C
Albuquerque, New Mexico 87111
(505) 237-8421



OWNER
CITY OF ALBUQUERQUE
ALBUQUERQUE POLICE DEPARTMENT

PROJECT
SIXTH AREA COMMAND HEADQUARTERS
4501 Cibola Lood NW
Albuquerque, New Mexico

SCALE

1" = 30'

RMKMC PROJECT NO.
0804

DRAWING FILE NO.
SIXTH AREA CMD. FINAL C

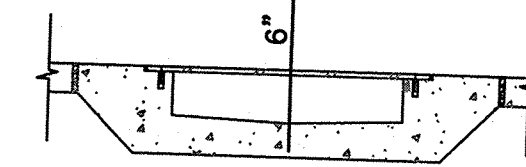
DATE
JANUARY 30, 2009

PROJECT MANAGER
STEPHEN LEOS, LEED AP, AIA

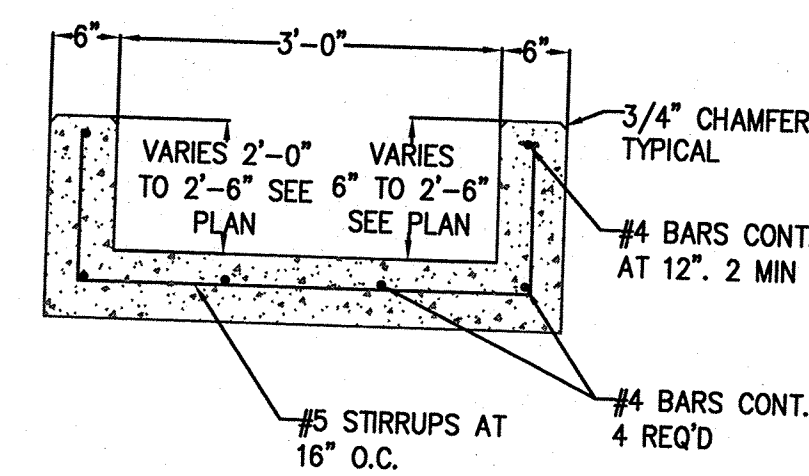
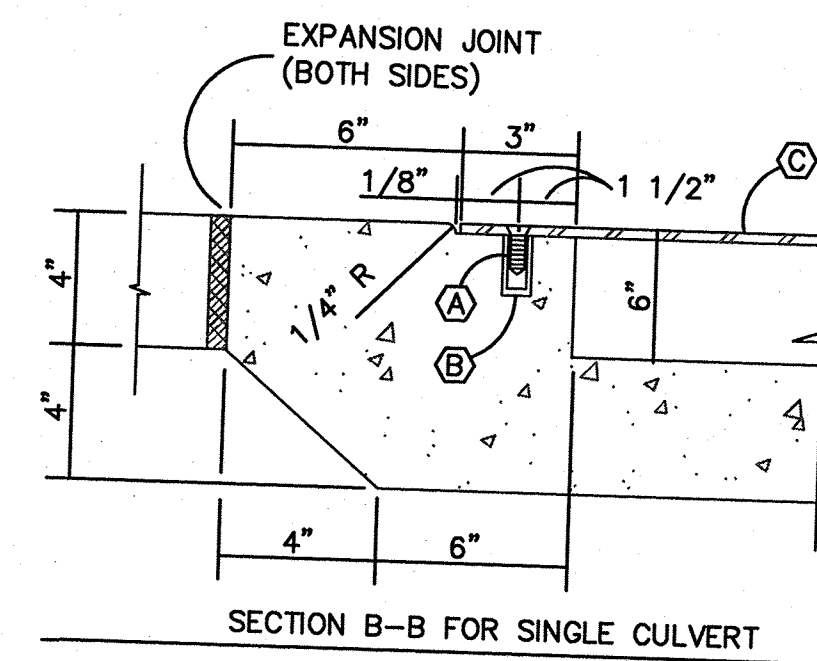
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100% BID CONSTRUCTION DOCUMENTS

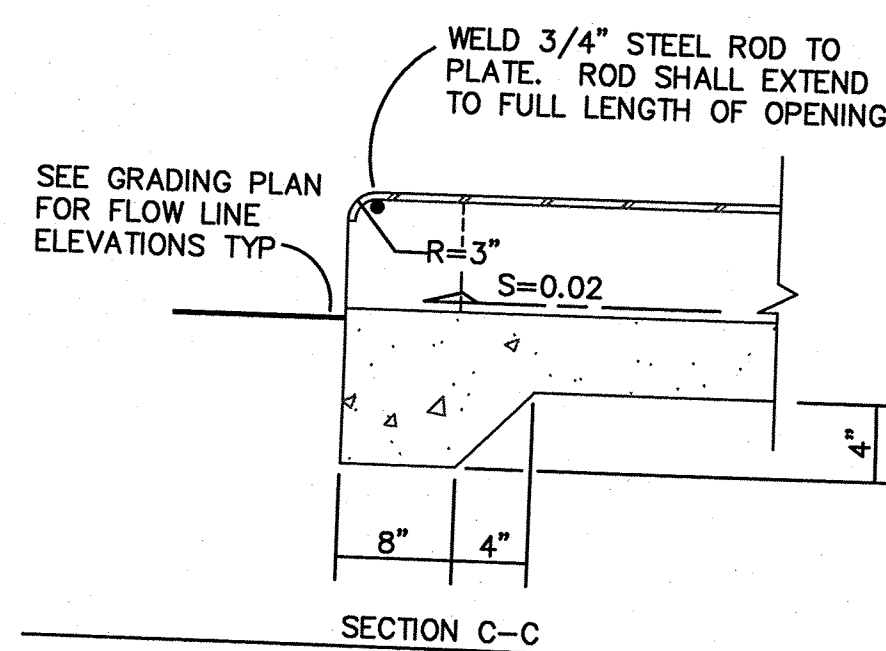
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP			
TITLE: CIVIL DETAILS			
Design Review Committee	City Engineer Approval	Last Design Update	MO./DAY/YR.
			MO./DAY/YR.
			MO./DAY/YR.
			MO./DAY/YR.
City Project No. 7641.03	Zone Map No. A-13-Z	Sheet C2.0	Of **




SECTION A-A



13 CONCRETE CHANNEL - AT NORTH WALL
N. T. S.



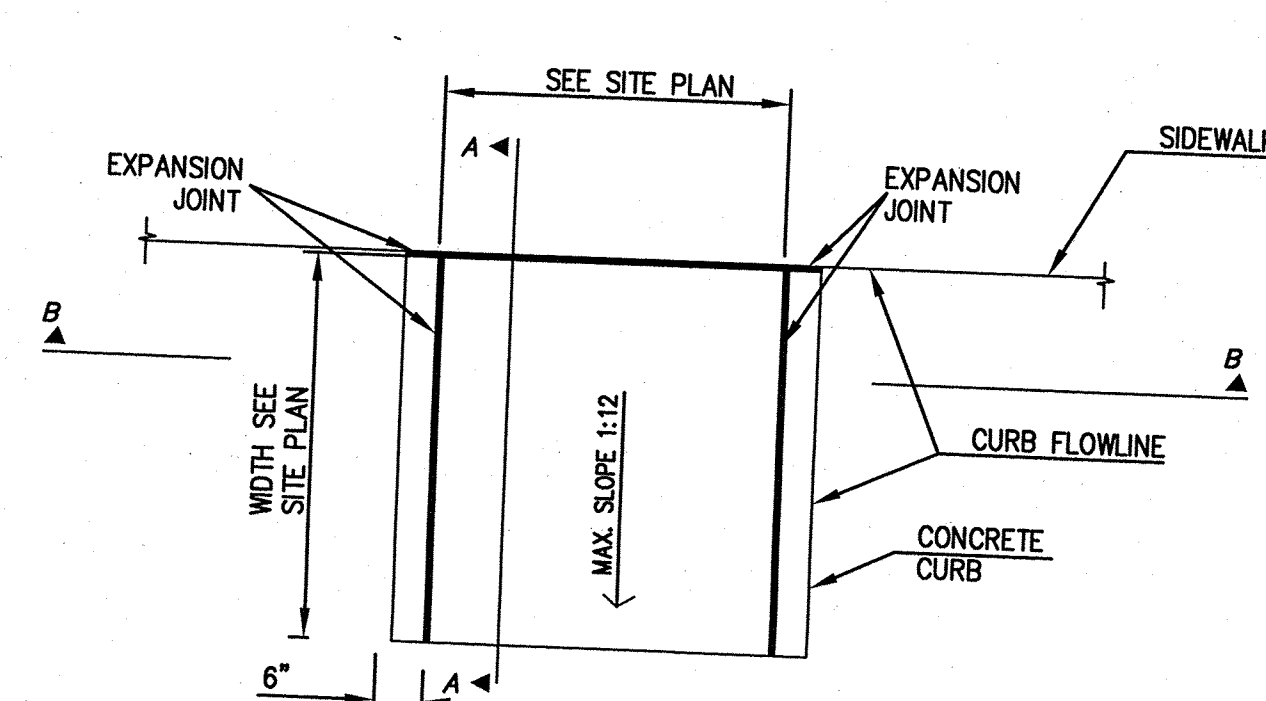
CONSTRUCTION NOTES:

1. CULVERT SHALL BE POURED MONOLITHICALLY.
 2. THE INVERT SHALL BE TROWELED TO PRODUCE A HARD POLISHED SURFACE.
 3. ALL EXPOSED CONCRETE SURFACES SHALL MATCH GRADE, COLOR, FINISH AND SCORING OF ADJACENT CURB AND SIDEWALK.
 4. PLATES SHALL NOT EXCEED 300 POUNDS AND SHALL BE STRESS RELIEVED AFTER FABRICATION. CLEAN SURFACE OF PLATE AND FRAMING MEMBERS AND PAINT WITH ONE COAT OF RED OXIDE AND TWO FINISH COATS OF ALUMINUM PAINT (AASHTO A-69).
-  KEYED NOTES:
- A 3/8" - 16 X 1 1/4" COUNTERSUNK, F.H., STAINLESS STEEL MACHINE SCREW.
 - B 1" X 5" S.S. ROD ANCHORS. INSTALL PER MANUFACTURE'S INSTRUCTIONS AT A MAXIMUM OF 24" O.C. (ON EACH SIDE) AND WITHIN 3" OF EACH END.
 - C 1/2" CHECKERED STEEL PLATE.

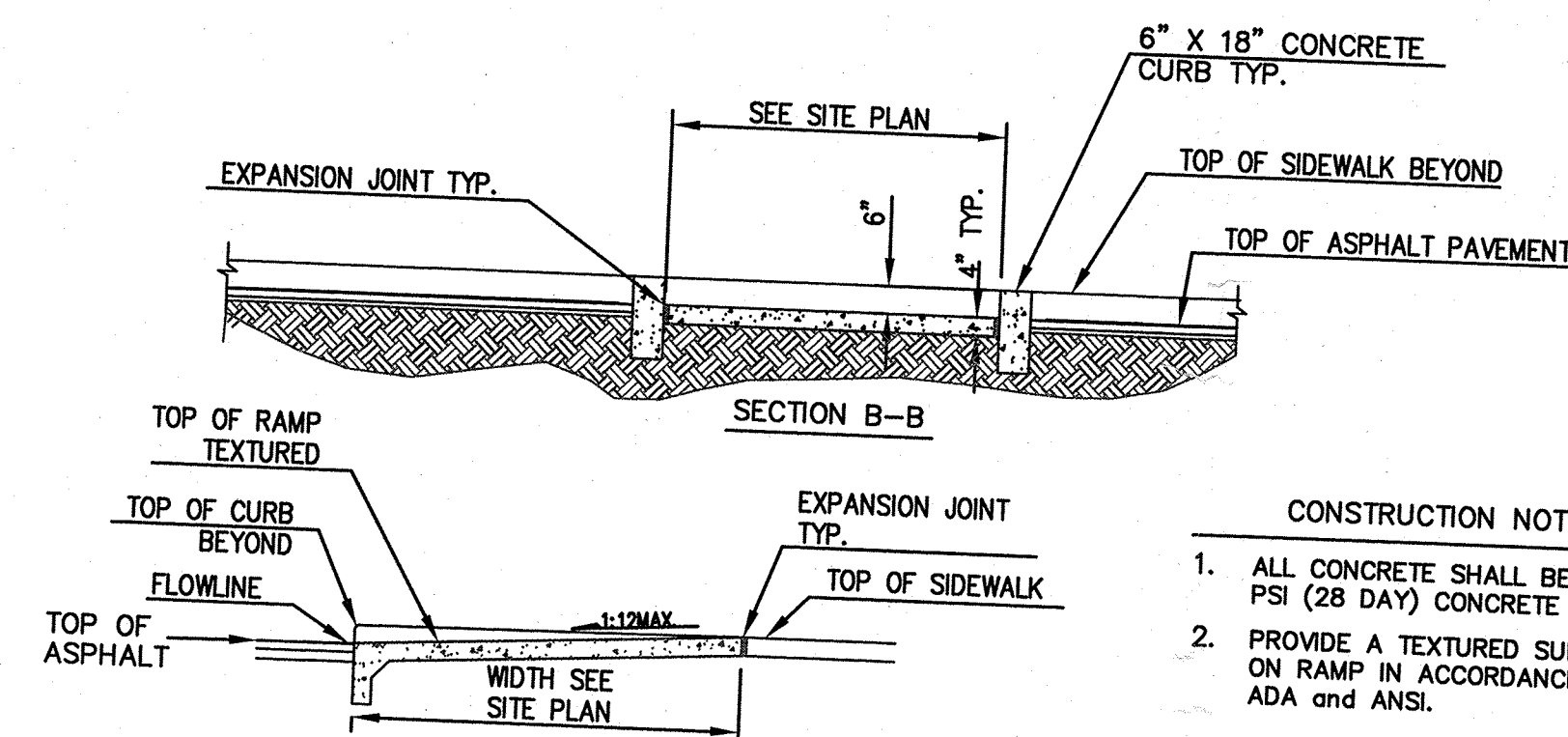
KEYED NOTES:

- A 3/8" - 16 X 1 1/4" COUNTERSUNK, F.H., STAINLESS STEEL MACHINE SCREW.
B 1" X 5" S.S. ROD ANCHORS. INSTALL PER MANUFACTURE'S INSTRUCTIONS
AT A MAXIMUM OF 24" O.C. (ON EACH SIDE) AND WITHIN 3" OF EACH END.
C 1/2" CHECKERED STEEL PLATE.

11 SIDEWALK DRAIN
N. T. S.



12 CONCRETE HANDICAP RAMP DETAIL
N. T. S.



CONSTRUCTION NOTES:

1. ALL CONCRETE SHALL BE 4000 PSI (28 DAY) CONCRETE
2. PROVIDE A TEXTURED SURFACE ON RAMP IN ACCORDANCE WITH ADA and ANSI.

SECTION A-A

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100% BID CONSTRUCTION DOCUMENTS

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE:

CIVIL DETAILS

Design Review Committee

City Engineer Approval

te	MO./DAY/YR
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<p> <input type="checkbox"/> Approved <input type="checkbox"/> Not Approved </p>	<p> <input type="checkbox"/> Not Approved <input type="checkbox"/> Approved </p>
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