

Approved Design Changes

Instructions: Attach this sheet to front of all distributed plan sets. Discard or note "superseded" on sheets replaced. Add note "Changes made to this sheet. See Approved Design Changes" on "Impacted Sheets".

Project: Villages of Garrison Creek-Phase IX

Current as of 9/16/2015
Date

Verified by CAJ/Engineer



Approved Design Change A

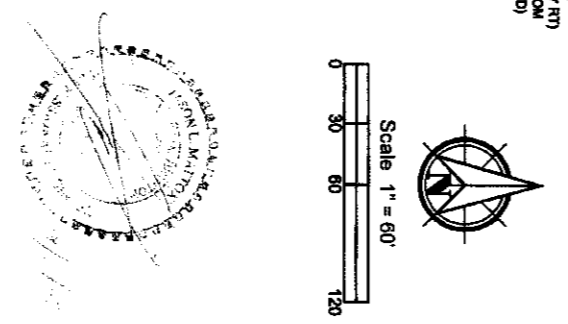
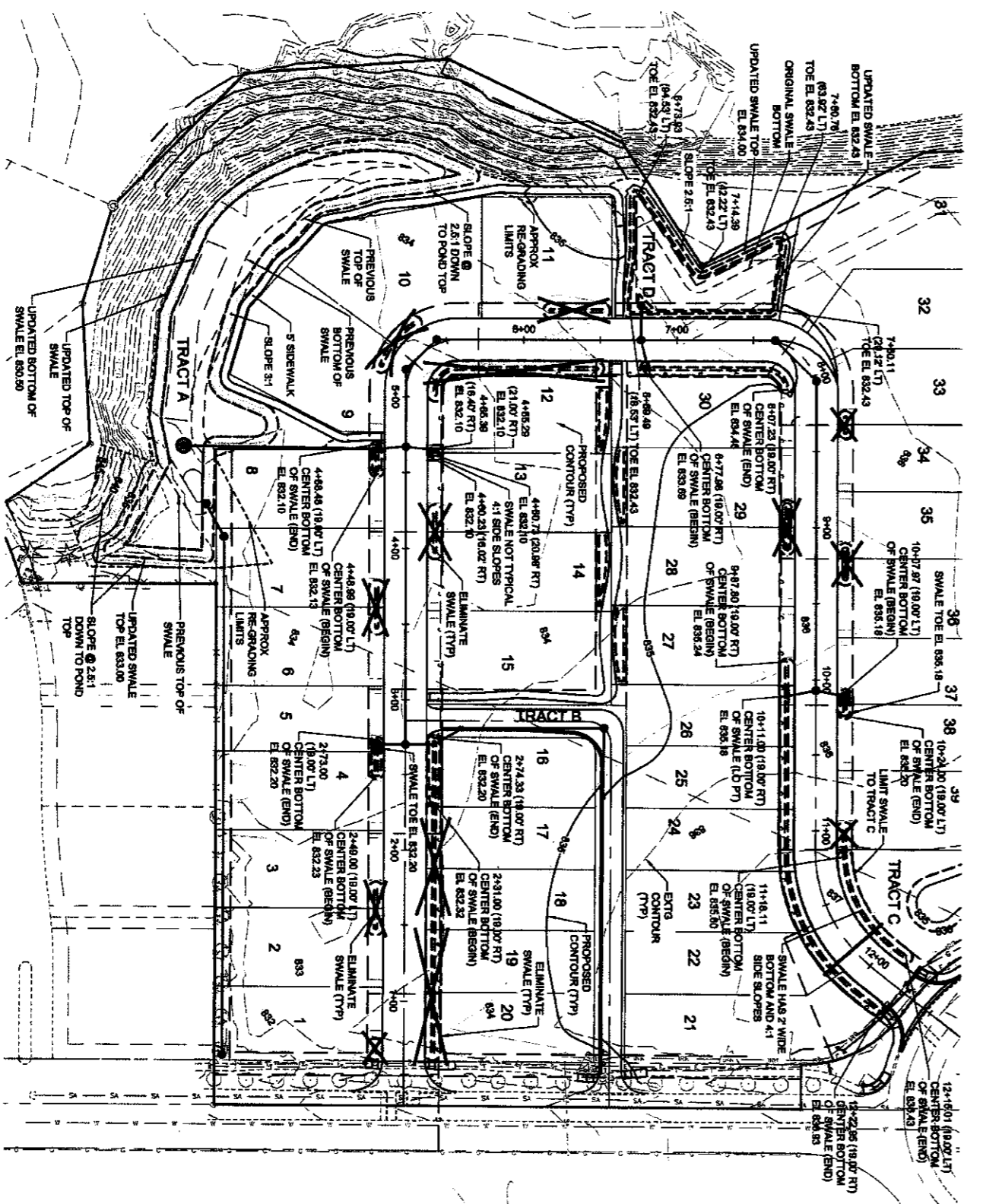
Date 9/16/2015

Revision Description Revised Stormwater Plan and Details

Sheets Released None

Impacted Sheets 1, 5, 6, 7, 8, 9

Comments New submittals (no sheet numbers) over-ride original approved plans



Note: "Sheets Impacted" is not a thorough list of all sheets impacted and a full review of plans should be made.

STANDARD PLAN 410.10

City of College Place

STORMWATER DESIGN CERTIFICATION

Project Name Garrison Village IX

Project Location Garrison Village Way west of Myra Entrance

Engineer of Record (Name) Jason Mattox

Firm HDJ Design Group, PLLC

Address 6115 Burden Blvd; Suite E
Pasco, WA 99301

Telephone 509-547-5119 FAX 509-547-5129

Email mattoxj@hdjdg.com

Certification:

I hereby certify that:

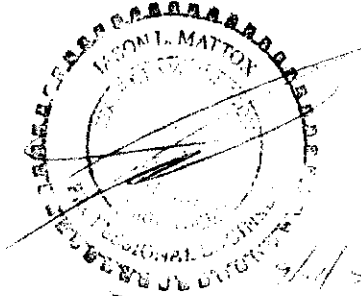
"I am a professional engineer licensed to practice in the State of Washington and the stormwater facility design submitted under my seal is within my area of qualified practice and meets or exceeds the recommendations and requirements of the current version of the *Stormwater Management Manual for Eastern Washington* and the *Stormwater Facility Specifications of the City of College Place Engineering Specifications*. Furthermore, I certify that the stormwater design report dated 9/14/2015 and submitted to the City of College Place adequately documents the assumptions, data and procedures used to produce the design and that the construction drawings submitted for final approval dated 9/14/2015 conform to my design."

[Signature]
Signature

Date 9/14/15

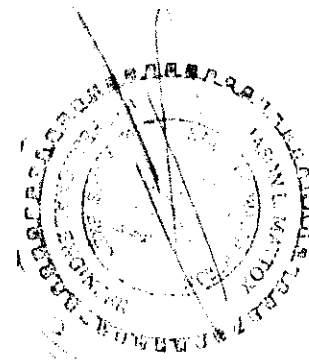
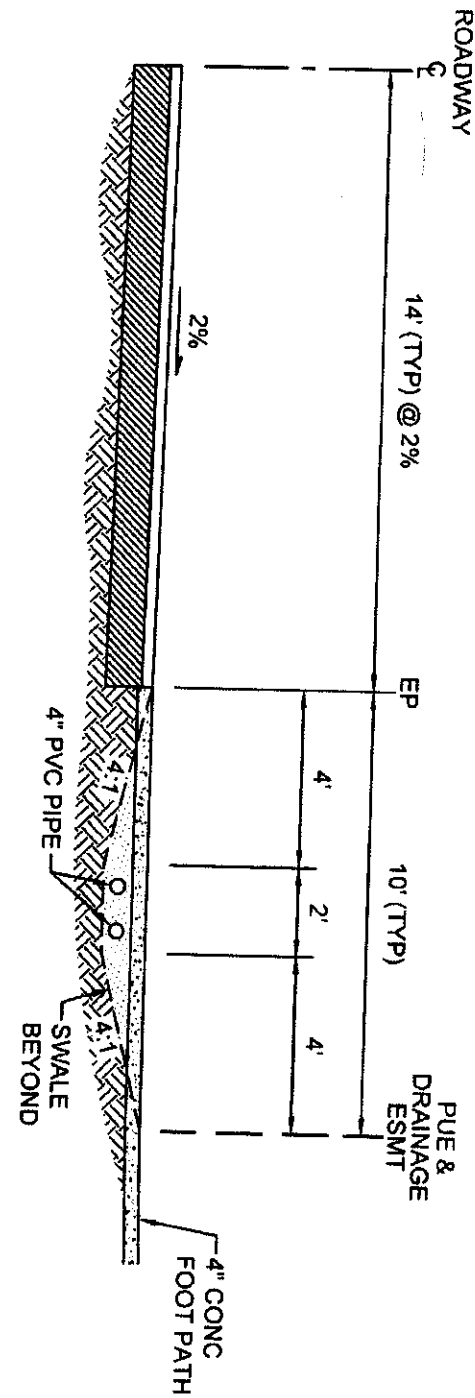
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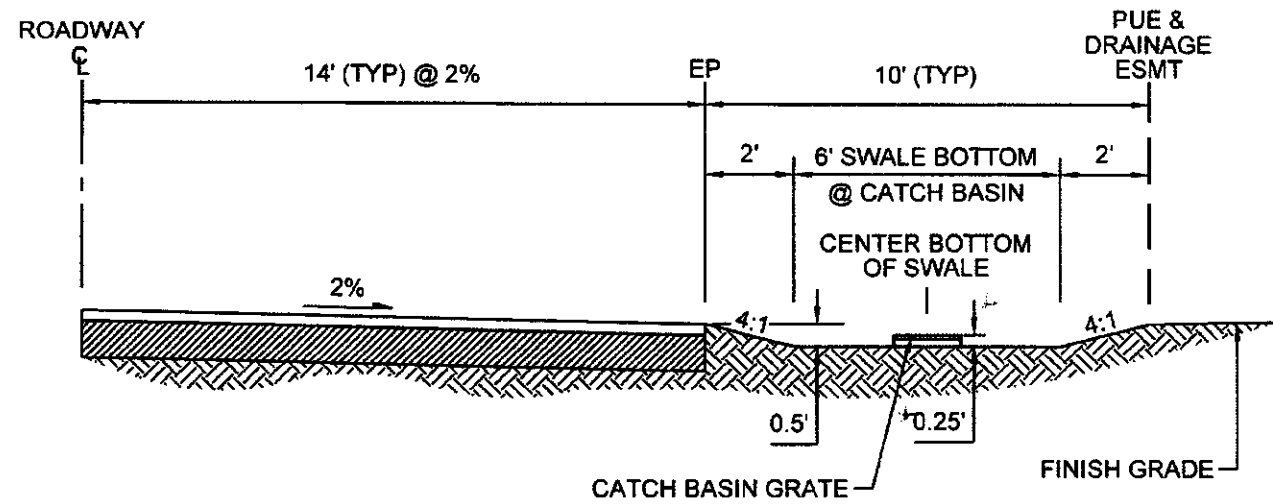


(Sign & Date Seal)

ROADSIDE SWALE WITH FOOT PATH SECTION
NTS



Handwritten notes and scribbles in the top right corner.



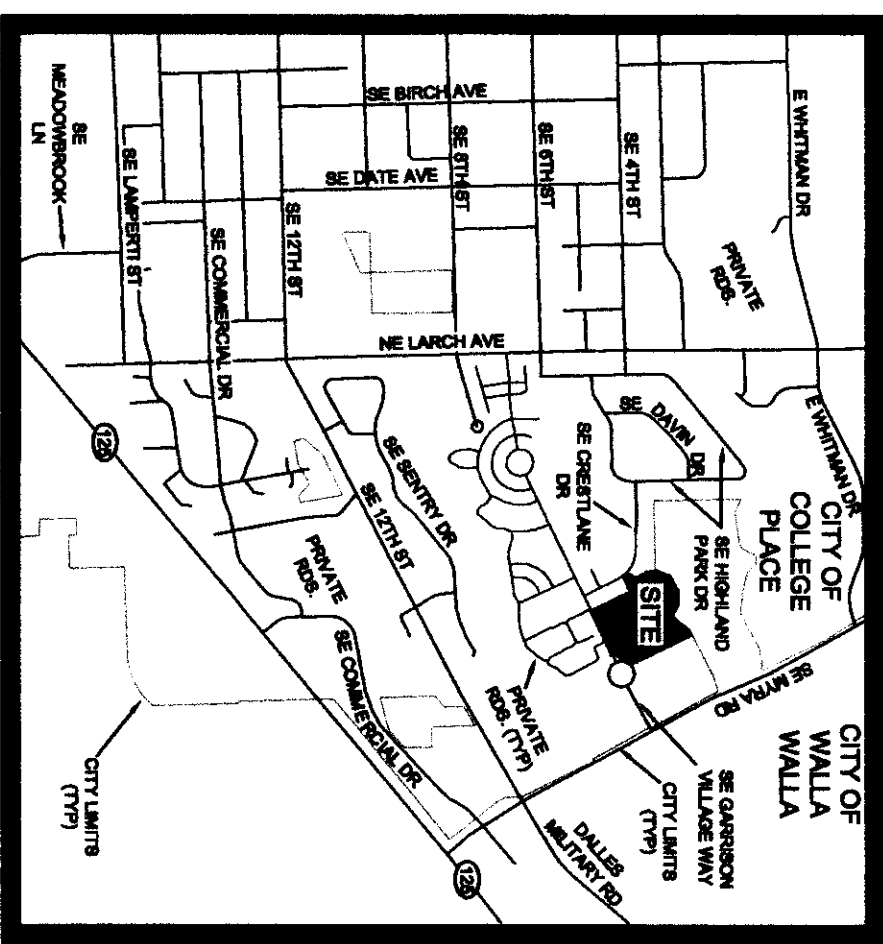
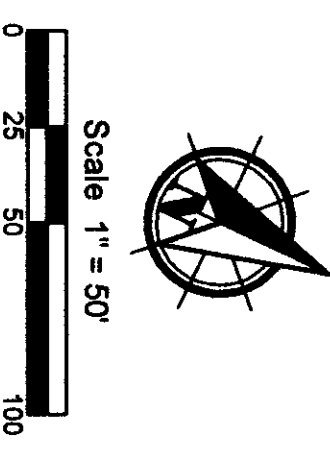
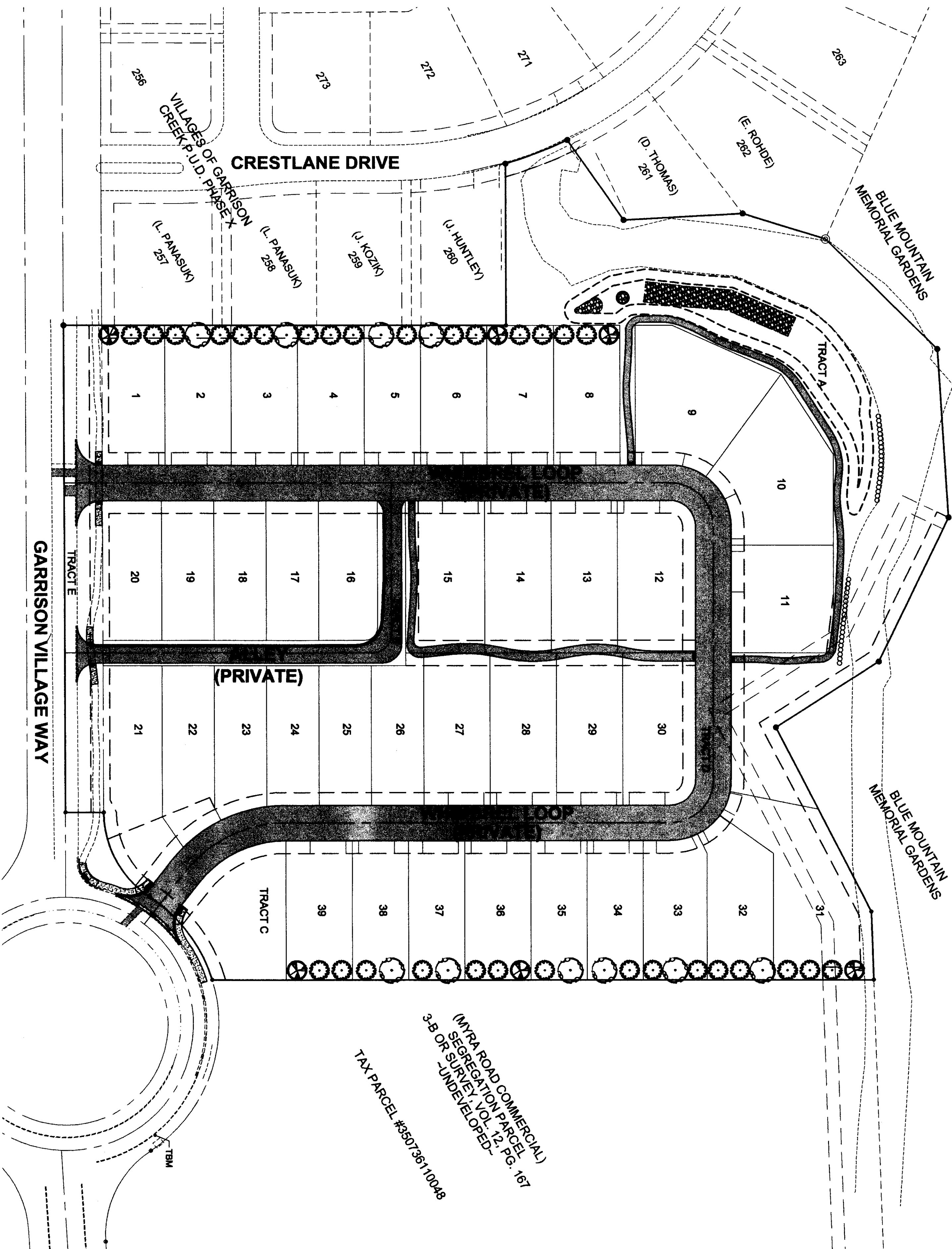
UPDATED ROADSIDE SWALE TYPICAL SECTION

Handwritten notes below the title:
 * Swale width to be 6' to 8' based on
 amount of water to be collected

NTS

GARRISON VILLAGE IX

Located in The N.W. 1/4, Sec. 35, T. 7 N., R. 35 E., W.M., City Of College Place, Walla Walla County, WA



CITY OF COLLEGE PLACE
 Approved by City of College Place
 Date: 6/7/2015

Sheet Index

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12. CITY OF COLLEGE PLACE STANDARD DETAILS
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14. SIGNING STRIPING & ILLUMINATION PLAN
15. SITE UTILITY PLAN

GENERAL NOTES

The Contractor shall schedule a preconstruction meeting with the City Engineer, prior to start of any construction activity. Contractor must give 48 hours notice and obtain all the required approvals and permits prior to any construction activity within City right-of-way or any activity involving City water, storm, sewer, or irrigation.

A minimum of two business days prior to beginning construction, the Contractor shall call 1-800-425-5555, Utility Notification Center (One Call), for marking location of existing utilities. Existing utility locations and elevations are approximate and other utilities may exist. The contractor shall be responsible for verifying the location, dimension and elevation of all existing utilities. Arrangements shall be made with respective utility companies for moving, abandoning, or maintaining their respective services.

Trench excavation within the project will comply with Washington State Department of Labor and Industries Safety Standards for Construction Work, Part N, Excavation, and Shoring (WAC 296-155-650 thru WAC 296-155-664(1)).

The contractor shall at all times observe and comply with all federal, state, and local laws, ordinances, and regulations which in any manner affect the conduct or safety of the work. The Contractor shall obtain all necessary permits prior to beginning construction.

All work and materials required to complete the improvements as indicated on these plans shall be the responsibility of the General Contractor unless otherwise specified.

Whimbel Loop paved road corresponds to exclusive City utility easement.

ADA compliance and inspection is the responsibility of the Developer on private roads.

SURVEY NOTES

Topographic survey data provided by HDJ Design Group, PLLC, 2015.

BASES OF BEARINGS: N01°29'52"W along the centerline of Larch Street as shown on the Bolmer Large Lot Segregation survey, recorded in County Auditor's Volume 10 of surveys at page 56, Walla Walla County, Washington.

VERTICAL DATUM FOR VILLAGES OF GARRISON CREEK PHASES I-X: NGVD 29

TBM: 1/2" Rebar with red cap stamped HDJ CONTROL, set near the SW corner of the western power transformer located on the north side of the NE quadrant of the SE Garrison Village Way roundabout.

OWNER/DEVELOPER:
 Pahlisch Homes
 Attn: Chad Beitesworth
 63088 NE 18th Street, Suite 100
 Bend, OR 97701
 Phone: (541) 280-6242
 Email: chadp@pahlischhomes.com

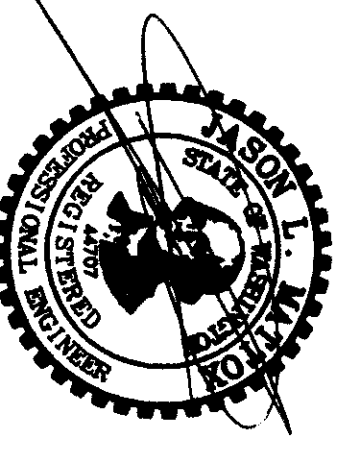
ENGINEER:
 HDJ Design Group
 Attn: Jason Mattox
 6115 Burden Blvd, Suite E
 Pasco, WA 99301
 Phone: (509) 547-5119
 Email: MattoxJ@hdjdg.com

Utility Contact Numbers

COLUMBIA REA:	(509) 526-4041
CASCADE NATURAL GAS:	(888) 522-1130
CENTURY LINK:	(800) 244-1111
CHARTER COMMUNICATIONS:	(866) 731-4428
POCKET-NET:	(509) 526-5026
NOANET:	(509) 456-3619

Utility Locate
 Call 811
2 Business Days
 Before Digging

NO.	REVISION	DATE	BY	APP'D
A	ISSUED FOR APPROVAL	06/21/15	JLM	
B	ISSUED FOR APPROVAL	06/21/15	JLM	
C	ISSUED FOR APPROVAL	06/21/15	JLM	
D	ISSUED FOR APPROVAL	06/21/15	JLM	
E	ISSUED FOR APPROVAL	06/21/15	JLM	
F	ISSUED FOR APPROVAL	06/21/15	JLM	
G	ISSUED FOR APPROVAL	06/21/15	JLM	
H	ISSUED FOR APPROVAL	06/21/15	JLM	
I	ISSUED FOR APPROVAL	06/21/15	JLM	
J	ISSUED FOR APPROVAL	06/21/15	JLM	
K	ISSUED FOR APPROVAL	06/21/15	JLM	
L	ISSUED FOR APPROVAL	06/21/15	JLM	
M	ISSUED FOR APPROVAL	06/21/15	JLM	
N	ISSUED FOR APPROVAL	06/21/15	JLM	
O	ISSUED FOR APPROVAL	06/21/15	JLM	
P	ISSUED FOR APPROVAL	06/21/15	JLM	
Q	ISSUED FOR APPROVAL	06/21/15	JLM	
R	ISSUED FOR APPROVAL	06/21/15	JLM	
S	ISSUED FOR APPROVAL	06/21/15	JLM	
T	ISSUED FOR APPROVAL	06/21/15	JLM	
U	ISSUED FOR APPROVAL	06/21/15	JLM	
V	ISSUED FOR APPROVAL	06/21/15	JLM	
W	ISSUED FOR APPROVAL	06/21/15	JLM	
X	ISSUED FOR APPROVAL	06/21/15	JLM	
Y	ISSUED FOR APPROVAL	06/21/15	JLM	
Z	ISSUED FOR APPROVAL	06/21/15	JLM	



COVER FOR:
GARRISON VILLAGE IX
 A SUBDIVISION LOCATED IN THE CITY OF COLLEGE PLACE, WASHINGTON

HDJ
 DESIGN GROUP
 engineers | landscape architects | planners | surveyors
 6115 Burden Blvd, Suite E
 Pasco, WA 99301-6830
 509/547-5119
 306/695-3486
 509/547-5129 fax
 Internet: www.hdjdg.com

City of College Place
 JUN 23 2015
 Received

GENERAL CONSTRUCTION NOTES
STANDARD PLAN 010.00

1. ALL PROJECTS SHALL BE CONSTRUCTED PER THE LATEST EDITION OF THE WASHINGTON DEPARTMENT OF TRANSPORTATION AND HIGHWAYS (DOT) STANDARD SPECIFICATIONS FOR CONSTRUCTION (SSEBAC) AS AMENDED AND SUPPLEMENTED BY THE AWA SUPPLEMENT. THE CITY OF COLLEGE PLACE STANDARD SPECIFICATIONS AND THESE DRAWINGS, WORK SHALL CONFORM TO FEDERAL, STATE AND LOCAL CODES.
2. THE OWNER & CONTRACTOR SHALL PROVIDE PROPER SAFETY MEASURES IN ACCORDANCE WITH STATE AND FEDERAL SAFETY LAWS (VISHA, OSHA) AND SHALL PROTECT EMPLOYEES AND THE PUBLIC.
3. THE CONTRACTOR SHALL HAVE A RESPONSIBLE PARTY WHO SHALL HAVE THE AUTHORITY TO REPRESENT AND ACT FOR THE CONTRACTOR AT THE JOB SITE DURING ALL WORKING HOURS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE A COPY OF THESE APPROVED PLANS STAMPED FOR CONSTRUCTION AND SIGNED BY THE CITY ENGINEER ON THE CONSTRUCTION SITE AT ALL TIMES.
4. THE CONTRACTOR SHALL INVESTIGATE THE SITE AND VERIFY ALL CONDITIONS AND DIMENSIONS OF THE PROJECT AND SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCY IN THE CONTRACT DOCUMENTS REQUIRING MODIFICATION PRIOR TO PROCEEDING.
5. ANY CHANGES TO THE DESIGN MUST BE APPROVED BY THE CITY OF COLLEGE PLACE CITY ENGINEER OR HIS DESIGNEE AND THE OWNER PRIOR TO IMPLEMENTING/CONSTRUCTING THE CHANGE.
6. THE CONTRACTOR SHALL TAKE PREVENTATIVE MEASURES NECESSARY TO PROTECT EXISTING IMPROVEMENTS. THE CONTRACTOR SHALL AT NO ADDITIONAL COST TO THE OWNER OR THE CITY OF COLLEGE PLACE, REPLACE ANY IMPROVEMENTS SO DAMAGED.
7. THE LOCATIONS OF EXISTING UTILITIES ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL UTILITIES. UTILITIES SHALL BE PROTECTED AS WELL AS DAMAGED OCCURRING AS A RESULT OF DAMAGES TO UTILITIES. PRIOR TO DIGGING, VERIFY LOCATION AND DEPTH OF UTILITIES AND ANY OTHER UNDERGROUND INTERFERENCE. CALL 1-888-455-6888 OR 811 TWO BUSINESS DAYS BEFORE YOU DIG. IF THE CONTRACTOR DISCOVERS ANY UTILITIES NOT SHOWN ON THE PLANS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER AND THE CITY OF COLLEGE PLACE PUBLIC WORKS DIRECTOR OR CITY ENGINEER.
8. THE OWNER AND CONTRACTOR SHALL OBTAIN A CONSTRUCTION STORMWATER GENERAL PERMIT FROM THE DEPARTMENT OF ECOLOGY AND SHALL COMPLY WITH THE NPDES CCR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL CONSTRUCTION PERMIT. THIS INCLUDES USING BEST MANAGEMENT PRACTICES (BMPs) TO PREVENT DISCHARGE OF STORM WATER AND SEDIMENTATION FROM THIS SITE.

9. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS (PERMIT OF ENTRY, GRADING, SEWER, WATER, ETC) BEFORE COMMENCING WORK. WORK SHALL BE ON EVERY PERMIT FROM THE JURISDICTION OWNING THE RIGHT-OF-WAY.
10. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN TO THE CITY FOR APPROVAL PRIOR TO BEGINNING WORK ON THE RIGHT-OF-WAY. THE PLAN SHALL SHOW TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL COORDINATE THE WORK SCHEDULE SO AS TO HAVE A MINIMUM IMPACT TO EXISTING TRAFFIC. PROVISION SHALL BE MADE FOR ACCESS BY RESIDENTS IMPACTED BY PROJECT. PROVISION AND GARAGE COLLECTION VEHICLE ACCESS SHALL BE PROVIDED AT ALL TIMES.
11. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT EXISTING UTILITIES, DISTURBED PROPERTY MARKERS, BENCHMARKS ETC. SHALL BE REPLACED AT THE CONTRACTOR'S COST USING THE SERVICES OF A REGISTERED SURVEYOR LICENSED IN THE STATE OF WASHINGTON.
12. AMERICAN DISABILITY ACT REQUIREMENTS SHALL BE OBSERVED WHETHER OR NOT THEY ARE SPECIFICALLY CALLED OUT ON PLANS OR DETAILS. WHERE THE ADA CONTRACTOR BEARS PLANS ARE IN ACCORDANCE WITH THE PROJECT OWNER WHO SHALL BE RESPONSIBLE TO OBTAIN ANY NECESSARY CLARIFICATION FROM THE ENGINEER OF RECORD. ANY CHANGES OR MODIFICATIONS TO APPROVED PLANS SHALL BE APPROVED IN ADVANCE BY THE CITY.
13. WHERE CONNECTIONS REQUIRE "FIELD VERIFICATION", CONNECTION POINTS WILL BE EXPLORED BY THE CONTRACTOR AND FITTINGS VERIFIED @ 48 HOURS PRIOR TO DISTRIBUTING SHUT-DOWN NOTICES.
14. BACTERIAL ING OF ALL MAINS, SERVICES, APPLICANCES, AND COMPACTED LIFTS SHALL BE OBSERVED BY THE CITY OF COLLEGE PLACE. OBSERVATION OF SUCH WORK SHALL NOT RELIEVE THE CONTRACTOR FROM CORRECTION OF ANY DEFICIENCIES AND/OR FAILURES AS DETERMINED BY SUBSEQUENT TESTING AND INSPECTIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN APPROVAL FOR THE REQUIRED DESIGN VARIATIONS AT LEAST 72 HOURS PRIOR TO INSPECTION.
15. PERMANENT CONTROL MONUMENTS SHALL BE ESTABLISHED AT
 - ALL INTERSECTIONS OF CENTRALS OF STREETS
 - INTERSECTIONS OF CENTRALS ON CENTRALS
 - HARBOR PORTS OF TIRBAMONINS
 - ALL BLOCK CORNERS.
16. BEFORE CONSTRUCTION, THE OWNER OR HIS AGENT SHALL MAINTAIN ON-SITE AND MAKE AVAILABLE TO CITY PERSONNEL, A "RED-LINE" COPY OF PLANS SHOWING ALL VARIATIONS BETWEEN APPROVED PLANS AND CONSTRUCTED FACILITIES.

17. UPON COMPLETION AND PRIOR TO FINAL APPROVAL OF THE WORK, THE OWNER OR HIS AGENT SHALL PREPARE THE RECORD DRAWING REQUIREMENTS' DOCUMENT.
18. THE ENGINEER OF RECORD SHALL PROVIDE THE CITY OF COLLEGE PLACE WITH WRITTEN STAMPED CONSTRUCTION THAT THE STORM DRAINAGE FACILITIES AS SHOWN ON THESE PLANS SHALL BE CONSTRUCTED AS SHOWN. THE STAMPED CONSTRUCTION SHALL ALSO APPEAR ON THE RECORD DRAWINGS.
19. WHERE A STORMWATER DESIGN HAS BEEN REQUIRED, FINAL LOT GRADING FOR LOTS IS TO BE PROVIDED BY THE CONTRACTOR. THE DESIGN SHALL BE CONSISTENT WITH THE APPROVED STORMWATER DESIGN.
20. TEST PITS EXCAVATED WITHIN THE LIMITS OF THE SITE SHALL BE REEXCAVATED AND REPLACED WITH COMPACTED STRUCTURAL FILL AND CERTIFIED BY A LICENSED GEOTECHNICAL ENGINEER.
21. UNLESS OTHERWISE SPECIFIED, CONCRETE USED IN PROJECTS APPROVED FOR CONSTRUCTION BY THE CITY OF COLLEGE PLACE SHALL MEET OR EXCEED 4000 PSI.
22. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN AND CONTROL DISTURBANCE AS A CONDITION FOR CONTINUING PROJECT APPROVAL.
23. THE CONTRACTOR SHALL OBSERVE THE CURRENT CITY NOISE ORDINANCE (11 P.M. - 7 A.M.)

GENERAL STREET CONSTRUCTION NOTES
STANDARD PLAN 110.00

1. STREET BASE ROCK LIFTS SHALL BE IMPORTED, CRUSHED ROCK, COMPACTED TO A SURETY FURNISHED WITH A VIBRATING COMPACTION SLED, UPRIGHT HAMMERING COMPACTOR, ROEPACK, OR VIBRATORY COMPACTION ROLLER.
2. *** NATURAL EXCAVATED MATERIAL SHALL NOT BE USED FOR BACKFILL ***
3. STREET BASE ROCK LIFTS SHALL BE NO MORE THAN 12" IN HEIGHT IN ORDER TO ASSURE PROPER COMPACTION. APPROPRIATE MOISTURE SHALL BE ADDED TO THE ROCK FOR OPTIMIZING COMPACTION. ROCK IS NOT TO BE COMPACTED OR GRADED BY ANY MEANS.
4. THE LAST OR TOP LIFT, PRIOR TO PAVING THE CURB, MAY EITHER BE COMPACTED BY EITHER A VIBRATING HAMMER, UPRIGHT HAMMER, OR OTHER MEANS. THE ONLY EXCEPTION TO THIS IS WHERE CONCRETE IS BEING USED AS STREET CURB. THE ONLY EXCEPTION TO THIS IS WHERE CONCRETE IS BEING USED AS THE RESURFACING MATERIAL.
5. A COAT OF CURB JACK SHALL BE APPLIED TO THE ADJOINING EDGES OF ALL ASPHALT STREET CUTS. THE ONLY EXCEPTION TO THIS IS WHERE CONCRETE IS BEING USED AS THE RESURFACING MATERIAL.
6. ASPHALT FINIAL TOP COURSE LIFTS SHALL BE CONSTRUCTED OF CLASS A FC-44.39 BMA OR CLASS CFC-36. THE ONLY EXCEPTION TO THIS IS WHERE CONCRETE IS BEING USED AS THE RESURFACING MATERIAL.
7. THE FOLLOWING TESTS SHALL BE PROVIDED AT THE OWNER'S EXPENSE AND SHALL MEET WSDOT SPECIFICATIONS PRIOR TO ROADWAY ANTI-CONSTRUCTION:
 - CURBENT WSDOT PM CERTIFICATION NOTE, PROVIDE ADDITIONAL TEST FOR SINGLEDIG EXCAVATIONS ? OR MORE BELOW EXISTING GRADE.
 - 1-666 (CFC MAX. DENSITY)
 - 1-3711 (CFC SHEAR ANALYSIS)
 - 1-176 (CFC SAND EQUIVALENT)
 - 1-146 (CFC MAX. DENSITY)
 - 1-176 (CFC SAND EQUIVALENT)
 - 1-176 (CFC SAND EQUIVALENT)
 - APPROVED ASPHALT MIX DESIGN
 - THEORETICAL MAXIMUM ASPHALT DENSITY (TMAD)
8. THE FOLLOWING FINIAL PLAN PRODUCTION TESTS SHALL BE PROVIDED AT THE OWNER'S EXPENSE AND SHALL MEET WSDOT SPECIFICATIONS PRIOR TO BVA APPROVAL AND PAVING:
 - ASPHALT CONTENT

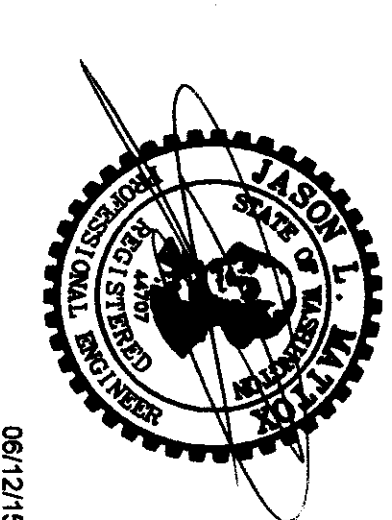
9. THE FOLLOWING TESTS SHALL BE PERFORMED AT THE OWNER'S EXPENSE TO WSDOT:
 - GRADATION
 - SLOPE TOLERANCE
 - WSDOT DEGRADATION
 - LA WEAR TEST
10. THE FOLLOWING TESTS SHALL BE PERFORMED AT THE OWNER'S EXPENSE TO WSDOT:
 - DENSITY TESTS, FIVE MINIMUM PER FIRST 100 FEET WITH ONE TEST PER 200' OR MORE.
 - SLOPE TOLERANCE TESTS.
 - MINIMUM DENSITY SHALL BE 95% OF THE THEORETICAL MAXIMUM DENSITY.
 - CIRC - TESTS REQUIRED PER 12 INCHES OR FRACTION THEREOF. MINIMUM DENSITY SHALL BE 95% BASED ON THE WSDOT 660 TEST METHOD.
 - CIRC - TESTS REQUIRED PER 6" OR FRACTION THEREOF. MINIMUM DENSITY SHALL BE 95% BASED ON THE WSDOT 660 TEST METHOD.
 - CIRC - TESTS REQUIRED PER 3" OR FRACTION THEREOF. MINIMUM DENSITY SHALL BE 95% BASED ON THE WSDOT 660 TEST METHOD.
 - CORES - TO BE DETERMINED BY CITY.
 - CORES - TO BE DETERMINED BY CITY.
11. ALL UTILITIES SHALL BE RASSED PRIOR TO PLACEMENT OF FINIAL LIFT OF BMA. ANY CURB APPROVED UTILITIES SHALL BE PLACED WITH CONCRETE TO TOP OF BASE LIFT FOR THE FULL LENGTH OF THE CURB.
12. THE AMERICANS WITH DISABILITIES ACT (ADA)
13. CURB RAMPS SHALL BE PLACED TO FACILITATE ALIGNMENT OF THE CROSSWALKS.
14. CURB RAMPS SHALL NOT BE PLACED INTEGRAL WITH THE SIDEWALK OR CURB AND SHALL BE ISOLATED WITH EXPANSION JOINT MATERIAL.
15. SIDEWALK WIDTH SHALL BE NO LESS THAN 5'-0". WHERE SIDEWALKS SHALL BE SPECIFIED ON PLANS & DOCUMENTS AND ARE SUBJECT TO APPROVAL BY THE CITY ENGINEER, WHEN THE WIDTH REQUIRED FOR CURB LINE SIDEWALKS IS SUCH THAT THE CURB LINE SIDEWALK SHALL BE NO LESS THAN 5'-0". THE CURB LINE SIDEWALK SHALL BE NO LESS THAN 5'-0". THE CURB LINE SIDEWALK SHALL BE NO LESS THAN 5'-0". THE CURB LINE SIDEWALK SHALL BE NO LESS THAN 5'-0".
16. YELLOW TRUNCATED DOME WARNING PAVES SHALL BE PLACED ON BOTH SIDES OF SIDEWALKS ON ALL SIDEWALKS. THEY SHALL BE CONSTRUCTED AS PER SHOWN ON STANDARD PLANS 110.0. THE PAVES SHALL EXTEND THE FULL WIDTH OF THE SIDEWALK AND SHALL BE NO LESS THAN 1'-0" OR NO MORE THAN 3'-0" WIDE AS SHOWN IN STANDARD PLANS 110.0-110.0.

SANITARY & STORM SEWER NOTES
STANDARD PLAN 310.00

1. ALL MANHOLES AND CURB INLETS SHALL BE PRE-CAST CONCRETE UNITS UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
2. MANHOLE PIPE CONNECTORS SHALL BE CAPABLE OF A 10° DEFLECTION IN ANY ONE DIRECTION AND SHALL BE INSTALLED AS REQUIRED BY THE MANUFACTURER. SANITARY MANHOLES (AND STORM SEWER MANHOLES WITH PVC PIPE CONNECTIONS) SHALL USE THE ABOVE PIPE CONNECTOR. MANHOLE CONNECTIONS WITH 4" DIA. PIPE CONNECTIONS SHALL USE THE ABOVE PIPE CONNECTOR. OTHER CONNECTIONS SHALL USE THE ABOVE PIPE CONNECTOR. OTHER CONNECTIONS SHALL USE THE ABOVE PIPE CONNECTOR. OTHER CONNECTIONS SHALL USE THE ABOVE PIPE CONNECTOR.
3. ANY CURB, HOLES, ROUGH SPOTS, ETC., IN THE CHANNELS, AT PIPE CONNECTIONS, AND JOINTS SHALL BE FILLED OR REPAIRED IN THE FIELD.
4. MANHOLES SHALL BE SET A MINIMUM OF 12 INCHES AND NOT MORE THAN 12" BELOW FINISH GRADE AND THEY SHALL BE SET TO GRAB WITH FINISH GRADE AS REQUIRED.
5. MANHOLE CONE SECTION SHALL BE ERECTED.
6. IN MANUFACTURING THE MANHOLES, THE CONTRACTOR IS ADVISED TO REVIEW THE DETAILS AS OUTLINED IN ANY TECHNICAL SPECIFICATIONS AND/OR PLANS WHICH SHOW THE *SLOPE OF THE MANHOLE*.
7. MAISTIC JOINT SEAL SHALL BE PLACED AT EVERY JOINT BETWEEN BARREL SECTIONS, MANHOLE SECTIONS, AND THE CAST IRON TOP.
8. MANHOLE RING & COVER SHALL BE IN-LAND FOUNDRY COMPANY INC. 8017 WITH A SOLID COVER LABELED "SEWER" OR APPROVED EQUIV.
9. CAST IRON MANHOLE RING AND COVER USED WITH THE SHALLOW TYPE MANHOLE SHALL BE IN-LAND FOUNDRY COMPANY INC. 8017.31 OR 8017.32 WITH A SOLID 4" MANHOLE COVER AND A SOLID 24" LIMITED ACCESS COVER ON AN APPROVED EQUIV.
10. WHEN USING THE SHALLOW TYPE MANHOLE REFERRED TO IN STANDARD PLAN 310.0, A MINIMUM SEPARATION BETWEEN THE PLAT TOP AND THE INSIDE BOTTOM SURFACE SHALL BE NO LESS THAN 7'-0". IN THE EVENT THE MINIMUM SEPARATION CANNOT BE MAINTAINED, THE SHALLOW TYPE MANHOLE REFERRED TO IN STANDARD PLAN 310.0 SHALL BE USED.
11. PRE-CAST MANHOLE AND BASE SHALL BE NO LESS THAN 24" IN HEIGHT. A THICKNESS OF 6" SHALL BE MAINTAINED BETWEEN THE FLOW CHANNEL, AND BASE ROCK.
12. SANITARY BASE SECTIONS SHALL BE PRE-CAST, CUSTOM UNITS FITTED WITH "L-LOCK" PCS CASSETS OR APPROVED EQUIV. AROUND ALL ATTACHED PIPE SECTIONS, WHERE A "KNOCK OUT" VS. A "PRE-CAST" HOLE MUST BE PLACED. A SAND COLLAR OR AN EQUIV. SHALL BE USED.
13. BARREL SECTIONS SHALL BE NO LESS THAN 12" IN HEIGHT. BARREL SECTIONS FOR THE SHALLOW TYPE MANHOLE SHALL BE NO LESS THAN 12" IN HEIGHT. BARREL SECTIONS FOR THE SHALLOW TYPE MANHOLE SHALL BE NO LESS THAN 12" IN HEIGHT. BARREL SECTIONS FOR THE SHALLOW TYPE MANHOLE SHALL BE NO LESS THAN 12" IN HEIGHT. BARREL SECTIONS FOR THE SHALLOW TYPE MANHOLE SHALL BE NO LESS THAN 12" IN HEIGHT.
14. RISER RINGS VARY IN HEIGHT FROM 1' TO 6'. *SEE WSDOT FOR DETAILED DRAWING.*
15. THE *TOP OF THE MANHOLE* SHALL BE SET TO FINISH GRADE. THE MANHOLE SHALL BE SET TO FINISH GRADE. THE MANHOLE SHALL BE SET TO FINISH GRADE. THE MANHOLE SHALL BE SET TO FINISH GRADE.
16. ALL SANITARY AND STORMWATER SEWER PIPE SHALL BE FULLY BEDDED WITH A MINIMUM OF 4" UNDER THE PIPE AND A MINIMUM OF 6" OVER ANY PIPE. BEDDING MATERIAL SHALL BE CRUSHED ROCK AS PER THE STANDARD SPECIFICATION. THE CITY ENGINEER SHALL APPROVE ALL OTHER BEDDING MATERIALS PRIOR TO USE.
17. PRE-CAST MANHOLE BASES SHALL BE SET LEVEL ON A MINIMUM OF 6" OF WELL-MANDED CRUSHED CONCRETE. SANITARY AND STORMWATER SEWER PIPE AND MANHOLES SUBJECT TO GEOTECHNICAL ENGINEER APPROVAL. SANITARY AND STORMWATER SEWER PIPE AND MANHOLES SUBJECT TO GEOTECHNICAL ENGINEER APPROVAL. SANITARY AND STORMWATER SEWER PIPE AND MANHOLES SUBJECT TO GEOTECHNICAL ENGINEER APPROVAL.
18. THE BEDDING UNDER SANITARY AND STORMWATER SEWER PIPE AND MANHOLES SHALL BE COMPACTED PRIOR TO PIPE AND MANHOLE PLACEMENT TO PROVIDE UNIFORM SUPPORT ALONG THE ENTIRE LENGTH OF THE PIPE AND UNDER MANHOLES. OTHER BEDDING MATERIAL SHALL BE IN CONTACT WITH SANITARY OR STORMWATER SEWER PIPE OR MANHOLES. ANY CONTACT WITH SANITARY OR STORMWATER SEWER PIPE OR MANHOLES SHALL BE REPAIRED.
19. ELEVATIONS AND DISTANCES BETWEEN ELEVATIONS SHALL BE PROVIDED TO THE CITY BY A REGISTERED SURVEYOR OR PROFESSIONAL ENGINEER AFTER BEDDING PIPE ON COMPACTED BEDDING. SEWER AND STORM PIPE CURBS SHALL CORRESPOND TO APPROVED PLANS AND IN NO CASE SHALL BE LESS THAN 6.4% WITHOUT BELIEFS OR RISKS.
20. MAISTIC JOINT SHALL BE USED FOR PIPE CONNECTION. THE SAND COLLAR SHALL BE PROPERLY SEALED INSIDE AND OUTSIDE WITH NON-SINKING, QUICK SET GROUT.

CITY OF COLLEGE PLACE
Approved by City of College Place

Utility Locate
Call 811
2 Business Days
Before Digging



GENERAL NOTES FOR:
GARRISON VILLAGE IX
A SUBDIVISION LOCATED IN THE CITY OF COLLEGE PLACE, WASHINGTON



6115 Burden Blvd, Suite E
Bellevue, WA 98004-6930
509/547-5119
308/695-3488
509/547-5129 fax
Internet: www.hdig.com

DESIGNED:	JLM
DRAWN BY:	CAO
CHECKED:	JLM
SCALE:	H: 1/4" V: N/A
	JUNE 2016
	3845
SHEET	
2	15

STANDARD SPECIFICATIONS 8-4.3.19 OR OTHER GRANULAR MATERIAL APPROVED BY THE CITY ENGINEER SHALL BE USED.

STORMWATER FACILITY NOTES

STANDARD PLAN 410.00

- 21. MANHOLE AND RISER SECTIONS SHALL BE SEALED WATER-TIGHT WITH MAHTIC. IN ADDITION, ALL SANITARY MAINS SUBJECT TO GROUNDWATER...

STD 210.00 012915.6c

- 30. THE DIRECTIONAL CONFIGURATION OF THE CURB INLET GRATE SHALL BE DETERMINED AT THE TIME OF DESIGN. CLOSE ATTENTION SHOULD BE PAID TO THE DETAIL WHEN ORDERING THE GRATE FROM THE MANUFACTURER. REFER TO STANDARD PLAN 210.00.

WATER UTILITY SYSTEM NOTES

STANDARD PLAN 210.00

- 1. ALL VALVE OPERATIONS AND OTHER ACTIVITIES IMPACTING THE WATER DISTRIBUTION SYSTEM SHALL BE PERFORMED BY THE CITY OF COLLEGE PLACE PUBLIC WORKS. 24-HOUR NOTIFICATION OF ANY INTERRUPTION IN WATER SERVICE IS REQUIRED TO ALL AFFECTED CUSTOMERS.

STD 210.00 012915.6c

- 9. 3000 PSI CONCRETE THURST BLOCKS SHALL BE USED TO RESTRAIN FIRE HYDRANTS FROM MOVING. CONCRETE SHALL BE PLACED AGAINST UNDISTURBED SOIL. SEE STANDARD PLAN 210.00, 210.09, 210.14, 210.11.

STD 210.00 012915.6c

METER BOXES FOR 1 1/2" AND 2" METERS SHALL BE MID-STATES 1790. LID COVER SHALL BE BROOKS #66 CONCRETE.

- 24. NATIVE FILL MAY BE USED FOR BACKFILL UNLESS DENSED UNSUITABLE BY THE ENGINEER. COMPACT TO 95% MODIFIED PROCTOR DENSITY BEFORE PROCEEDING TO PLACEMENT OF BASE ROCK AND PAVING. LABORATORY TESTING SHALL BE PERFORMED TO DETERMINE MAXIMUM MODIFIED PROCTOR DENSITY FOR NATIVE FILL. TABLE 4.15 IS REFERENCED FOR THE TEST PROCEDURE. SERVICE LINE LOCATING SHALL BE PERFORMED BY THE CITY ENGINEER. MARK RIN GRAVEL PER THE STANDARD SPECIFICATIONS 8-4.3.19 OR OTHER GRANULAR MATERIAL APPROVED BY THE CITY ENGINEER SHALL BE USED. THIS BACKFILL REQUIREMENT APPLIES TO ALL WATER MAINS AND SERVICE LINES.

STD 210.00 012915.6c

- 18. WATER METERS SHALL BE METRON FARMER SPECTRUM SERIES INNOV 8 RADIO REGISTER METERS REGISTERING IN 1000 GALLONS. MINIMUM SIZE SHALL BE FOLL 1/2" SHORT BODY FOR RESIDENTIAL WATER SERVICES.

STD 210.00 012915.6c

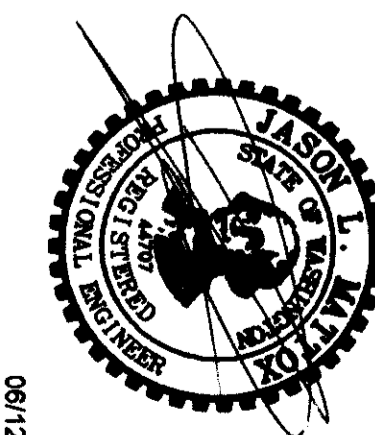
STD 210.00 012915.6c

Revised February 2013

STD 210.00 012915.6c

CITY OF COLLEGE PLACE

Utility Locate Call 811 2 Business Days Before Digging



GENERAL NOTES FOR: GARRISON VILLAGE IX A SUBDIVISION LOCATED IN THE CITY OF COLLEGE PLACE, WASHINGTON

HJD DESIGN GROUP logo and contact information: 6115 Burden Blvd, Suite E, Pasco, WA 99301-8930

Project information: SHEET 3 OF 15, DESIGNED BY JLM, DRAWN BY: CAD, SCALE: H: N/A, V: N/A, JUNE 2016, 3845

Existing Linetype Legend	Proposed/Future Linetype Legend
Existing Sanitary Sewer Pipe	Proposed Sanitary Sewer Pipe
Existing 4" Sanitary Sewer Pipe	Proposed Sanitary Lateral
Existing 6" Sanitary Sewer Pipe	Proposed Sanitary Force Main
Existing 8" Sanitary Sewer Pipe	Proposed Storm Under Drain
Existing 10" Sanitary Sewer Pipe	Proposed Storm Rain Drain
Existing 12" Sanitary Sewer Pipe	Proposed Storm Pipe
Existing 15" Sanitary Sewer Pipe	Proposed Water Lateral
Existing 18" Sanitary Sewer Pipe	Proposed Water Lateral
Existing 24" Sanitary Sewer Pipe	Proposed Water Lateral
Existing Sanitary Force Main	Proposed Electrical Routing
Existing Storm Sewer Pipe	Proposed Lot Line
Existing 4" Storm Sewer Pipe	Proposed Flow Line
Existing 6" Storm Sewer Pipe	Proposed Centerline
Existing 8" Storm Sewer Pipe	Proposed Right-of-way
Existing 10" Storm Sewer Pipe	Proposed Sawcut Line
Existing 12" Storm Sewer Pipe	Proposed Flow Line
Existing 15" Storm Sewer Pipe	Proposed Easement
Existing 18" Storm Sewer Pipe	Proposed Curb & Gutter
Existing 24" Storm Sewer Pipe	Proposed End Of Pavt
Existing Water Pipe	Proposed Sidewalk
Existing 4" Water Pipe	Proposed Wall
Existing 6" Water Pipe	Proposed Building
Existing 8" Water Pipe	Proposed Setback
Existing 10" Water Pipe	Proposed Property Line
Existing 12" Water Pipe	Proposed Score Line
Existing 15" Water Pipe	Proposed Paint Stripe
Existing 18" Water Pipe	Proposed Fence
Existing 24" Water Pipe	Proposed Weiland Buffer
Existing Water Lateral	Proposed Weiland Buffer
Existing Irrigation Pipe	Proposed Weiland Perimeter
Existing 4" Irrigation Pipe	Proposed Contour
Existing 6" Irrigation Pipe	Proposed Control Fabric Fence
Existing 8" Irrigation Pipe	Future Sanitary Lateral
Existing 10" Irrigation Pipe	Future Sanitary Lateral
Existing 12" Irrigation Pipe	Future Water Pipe
Existing Irrigation Lateral	Future Water Pipe
Existing Cable TV Line	Future Easement
Existing Electric Line	Future Sidewalk
Existing Gas Line	Future Right-of-way
Existing Over Head Power Line	Future Contour
Existing Telephone Line	Future Lot Line
Existing Fiber Optic Line	Future Lot Line
Existing Underground Utility Line	Future Paint Stripe
Existing Centerline	
Existing Curb	
Existing Gravel road	
Existing Flow Line	
Existing Paint Stripe	
Existing Right-of-way	
Existing Fence	
Existing Building	
Existing Weiland Perimeter	
Existing Weiland Buffer	
Existing Property Line	
Existing Utility Easement	
Existing Quarter Section	
Existing Railroad	
Existing Fence	
Existing Wall	
Existing Lot Line	
Existing Contour	

Symbol Legend	Symbol Legend
Existing Water Valve	Proposed Irrigation Meter
Existing Gas Valve	Proposed Irrigation Backflow Device
Existing Fire Hydrant	Proposed Irrigation Valve
Existing Power Pole	Proposed Irrigation Band Tee W/valve
Existing Water Meter	Proposed Irrigation Band Tee
Existing Electrical Pedestal	Proposed Water 22 1/2" Band
Existing Project Bench Mark	Proposed Water 11 1/2" Band
Existing Iron Rod	Proposed Irrigation 45° Band
Existing Sanitary Manhole	Proposed Irrigation 90° Band
Existing Storm Manhole	Proposed Irrigation Stand Pipe
Existing Catch Basin	Proposed Irrigation Band X
Existing Area Drain	Proposed Irrigation Temporary Blowoff
Existing Combo Inlet	Proposed Irrigation Standard Blowoff
Existing Telephone Pad	Proposed Irrigation Thrust Block
Existing Cleanout	Proposed Inlet Protection Pile
Existing Arrow	Proposed Gneel Construction Entrance
Proposed Bollard	Proposed Sedimentation Trap
Proposed Street Light	Erosion Control feature code & ID number (Puglet Sound)
Proposed Road Barrier	BMP Type (Puglet Sound)
Proposed Road Sign	Future Storm Manhole
Proposed Flow Arrow	Future Sanitary Manhole
Proposed Catch Basins	Future Fire Hydrant
Proposed Area Drain	Future Fire Basin
Proposed Contribution Curb Inlet	Future Sanitary Cap
Proposed Storm Reducer	Future Fire Protection Vault
Proposed Rain Drain	Future Water Meter
Proposed Storm Cleanout	Future Backflow Device
Proposed Storm Manhole	Future Valve
Proposed Sedimentation Manhole	Future Band Tee W/valve
Proposed Drywell	Future Band Tee
Proposed Sanitary Cap	Future 22 1/2" Band
Proposed Sanitary Reducer	Future 11 1/2" Band
Proposed Sanitary Manhole	Future 45° Band
Proposed Fire Protection Vault	Future 90° Band
Proposed Water Meter	Future Stand Pipe
Proposed Water Backflow Device	Future Band X
Proposed Water Valve	Future Temporary Blowoff
Proposed Water Band Tee W/valve	Future Standard Blowoff
Proposed Water Band Tee	Future Thrust Block
Proposed Water 22 1/2" Band	Future Fire Hydrant
Proposed Water 11 1/2" Band	
Proposed Water 45° Band	
Proposed Water 90° Band	
Proposed Water Stand Pipe	
Proposed Water Band X	
Proposed Water Temporary Blowoff	
Proposed Water Standard Blowoff	
Proposed Water Reducer	
Proposed Water Thrust Block	
Proposed Fire Hydrant	

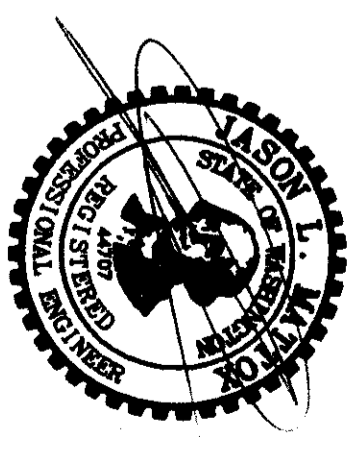
Abbreviation Legend	Abbreviation Legend
AC	High Water Elevation
ASSY	Hydrant
AVE	Invert Elevation
APPD	Intersection
BF	Invert
BLVD	Length
BM	Lateral
BO	Left
BOC	Maximum
BVC	Manhole
C/O	Minimum
CB	Mechanical Joint
CF	Number
CI	Overhead Electric
CEM	Pavement
CIR	Point Of Curve
CP	Power Pole
COMP	Point Of Reverse Vertical Curve
CO	Point Of Tangent
COMB	Point Of Vertical Intersection
CONC	Polyvinyl Chloride
CONCT	Pipe
CPE	Radius
CSP	Right Of Way
CT	Restrained Joint
CV	Return
CEM	Right
CEM	Left
D	Sheet
DI	Stainless Steel
DIA	Steel
DIP	Sidewalk
DS	Sheet
EOP	Station Centerline
ER	Standard
ESMT	Sanitary
EXTG	Storm
EL	Tangent
ELEC	Thrust Block
EVC	Temporary Benchmark
FF	Top Of Curb
FG	Telephone
FH	Temporary
FLG	Top Of Manhole
FMI	Typical
FT	Underground Electric
G	Vertical Curve
GI	Vertical
GRD	Water
GV	With
HDPE	Without
HORIZ	Water Meter
YD	Yard

Hatching Legend
Proposed Asphalt Concrete
Proposed Cement Concrete
Proposed Truncated Domes
Proposed Wall
Proposed Gravel Road

Utility Locate	
AC	High Water Elevation
ASSY	Hydrant
AVE	Invert Elevation
APPD	Intersection
BF	Invert
BLVD	Length
BM	Lateral
BO	Left
BOC	Maximum
BVC	Manhole
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CIR	Point Of Curve
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FMI	Typical
FT	Underground Electric
G	Vertical Curve
GI	Vertical
GRD	Water
GV	With
HDPE	Without
HORIZ	Water Meter
YD	Yard

CITY OF COLLEGE PLACE
 Approved by City of College Place
 Date 6/21/15

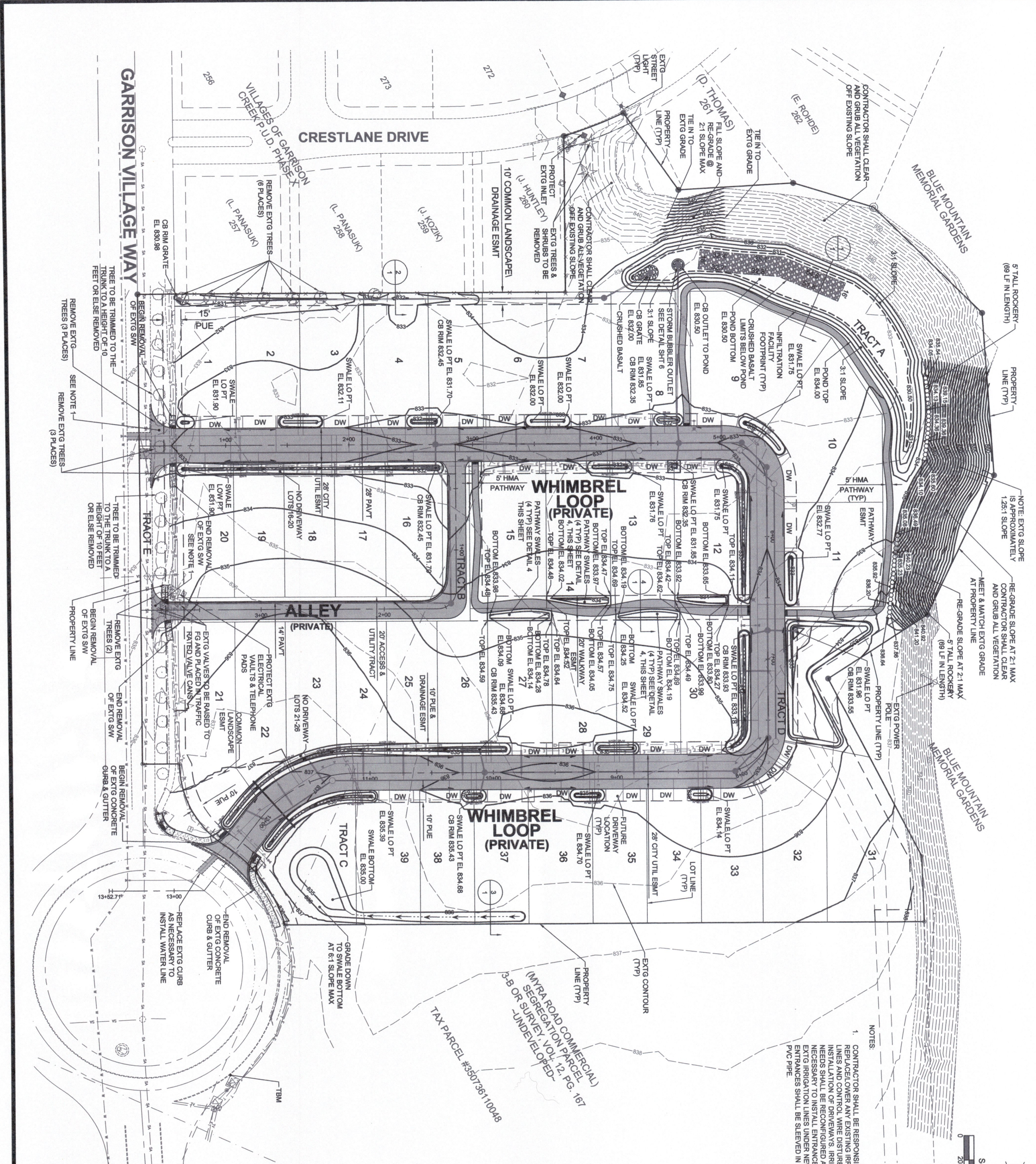
Utility Locate
 Call 811
 2 Business Days
 Before Digging



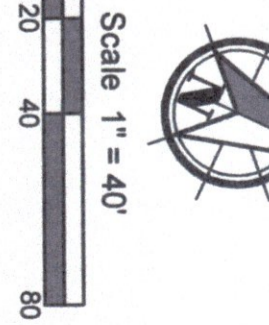
MASTER LEGEND FOR:
GARRISON VILLAGE IX
 A SUBDIVISION LOCATED IN THE CITY OF COLLEGE PLACE, WASHINGTON

HDJ
 DESIGN GROUP
 engineers | landscape architects | planners | surveyors
 6115 Burden Blvd, Suite E
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 509/547-5119
 306/695-3488
 509/547-5129 fax
 Internet: www.hdjdg.com

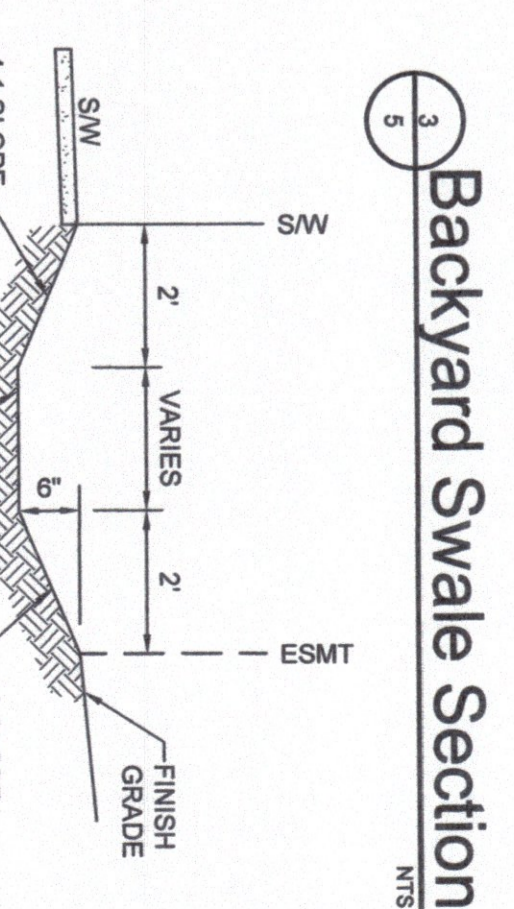
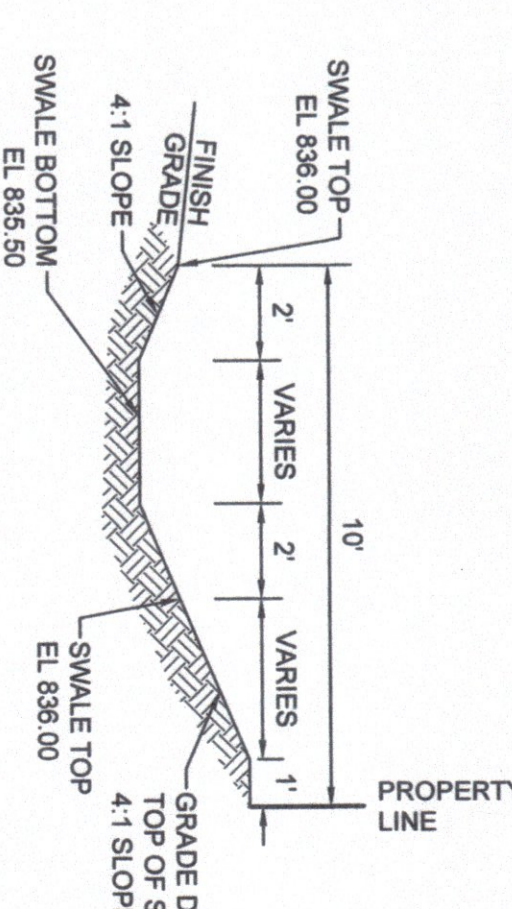
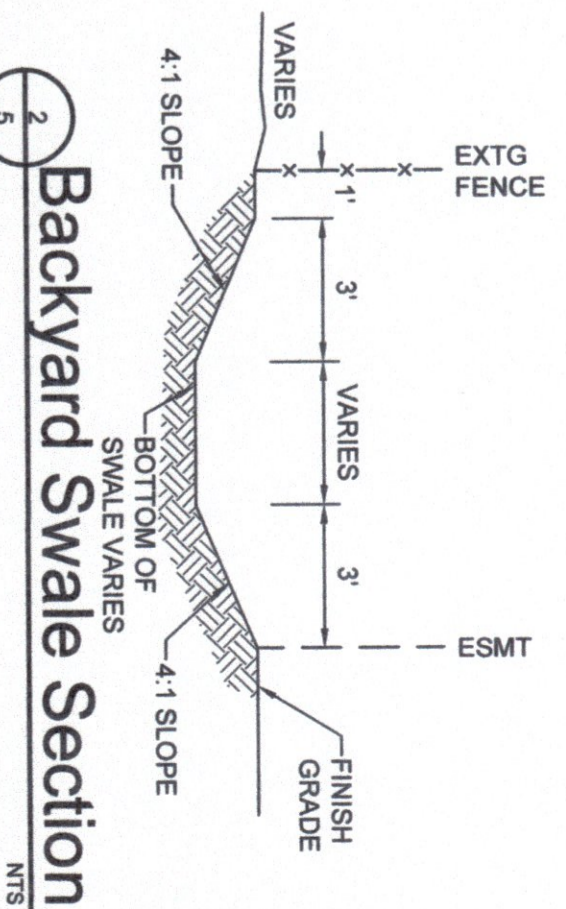
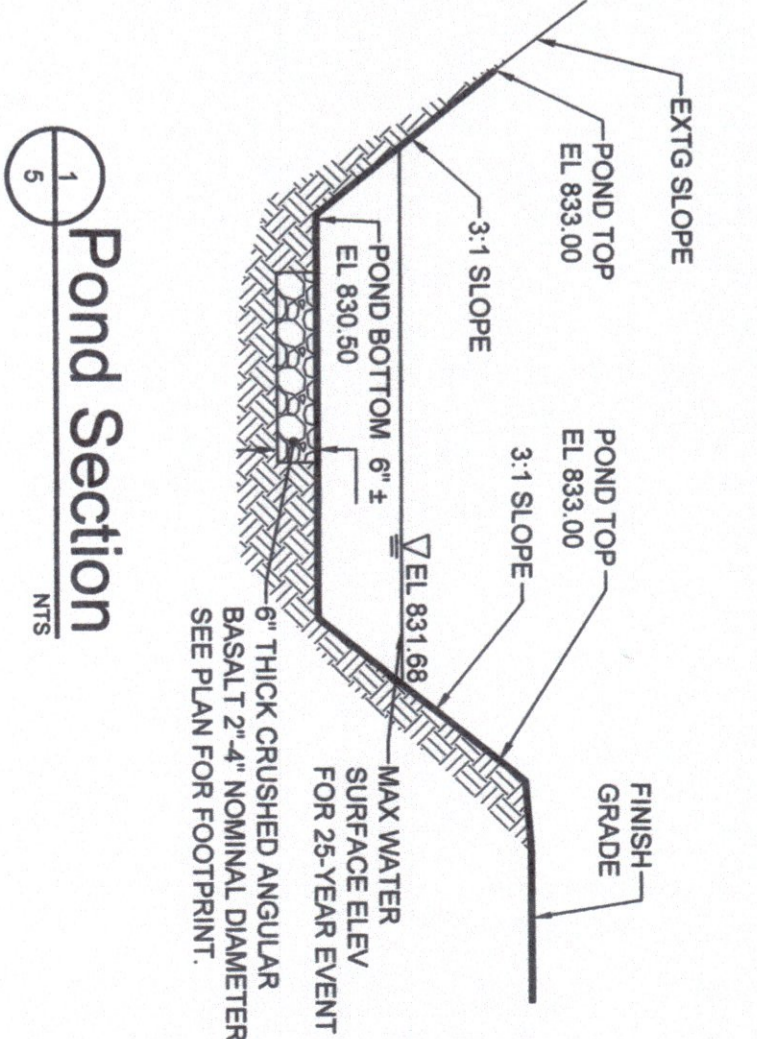
DESIGNED: JLM
 DRAWN BY: CAD
 CHECKED: JLM
 SCALE: H: N/A, V: N/A
 JUNE 2016
 3845
 SHEET



NOTES:
 1. CONTRACTOR SHALL BE RESPONSIBLE TO RE-GRADEN/OWNER AN EXISTING IRRIGATION INSTALLATION OF DRIVEWAYS, IRRIGATION NEEDS SHALL BE RECONFIGURED AS NECESSARY TO INSTALL ENTRANCES. ALL EXISTING IRRIGATION LINES UNDER NEW ENTRANCES SHALL BE SLEEVED IN SCH 40 PVC PIPE.



Existing Centerline	---
Ex'gd Electric Line	---
Ex'gd Gas Line	---
Existing Lot Line	---
Existing Right-of-Way	---
Existing Sanitary Force Main	---
Ex'gd Storm Sewer Pipe	---
Ex'gd Telephone Line	---
Existing Wetland Perimeter	---



Utility Locate
 Call 811
 2 Business Days
 Before Digging

Approved by City of College Place
 Date: 6/22/15

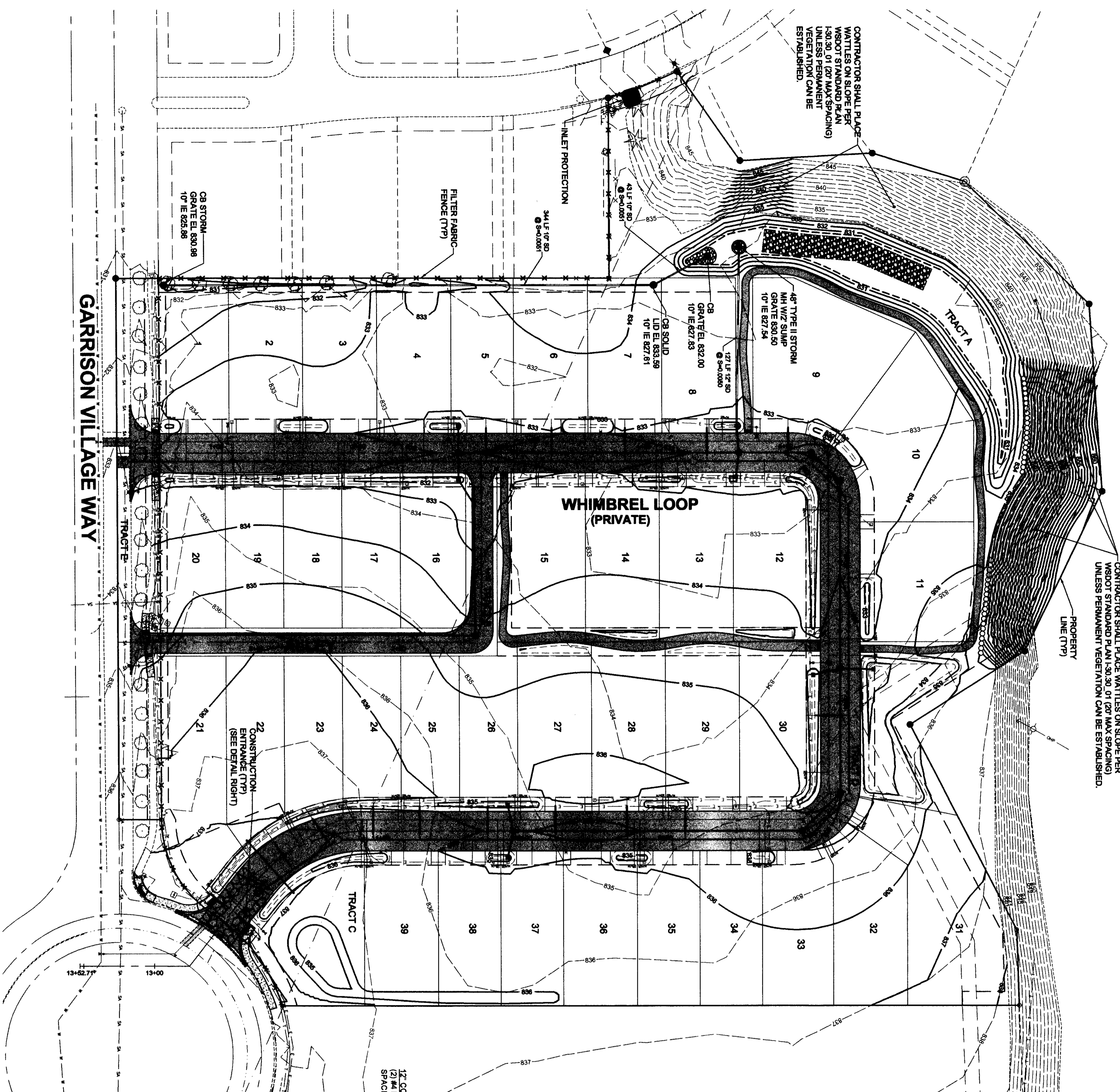
CITY OF COLLEGE PLACE



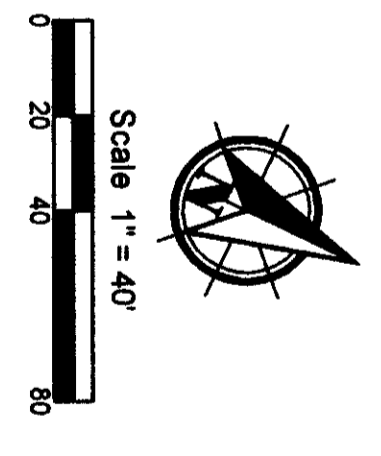
06/12/15

CONTRACTOR SHALL PLACE WATTLES ON SLOPE PER WSDOT STANDARD PLAN 130.30.01 (20' MAX SPACING) UNLESS PERMANENT VEGETATION CAN BE ESTABLISHED.

CONTRACTOR SHALL PLACE WATTLES ON SLOPE PER WSDOT STANDARD PLAN 130.30.01 (20' MAX SPACING) UNLESS PERMANENT VEGETATION CAN BE ESTABLISHED.



Ex'g Linetype Legend	
	Existing Centerline
	Ex'g Electric Line
	Ex'g Gas Line
	Existing Lot Line
	Existing Right-of-way
	Existing Sanitary Force Main
	Ex'g Storm Sewer Pipe
	Ex'g Telephone Line
	Ex'g Water Pipe
	Existing Wetland Perimeter
	Proposed Silt Fence

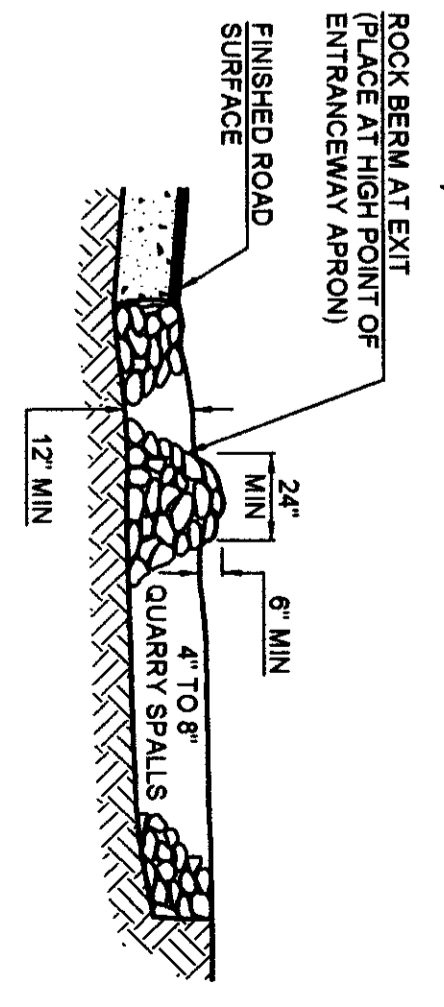


NOTE:

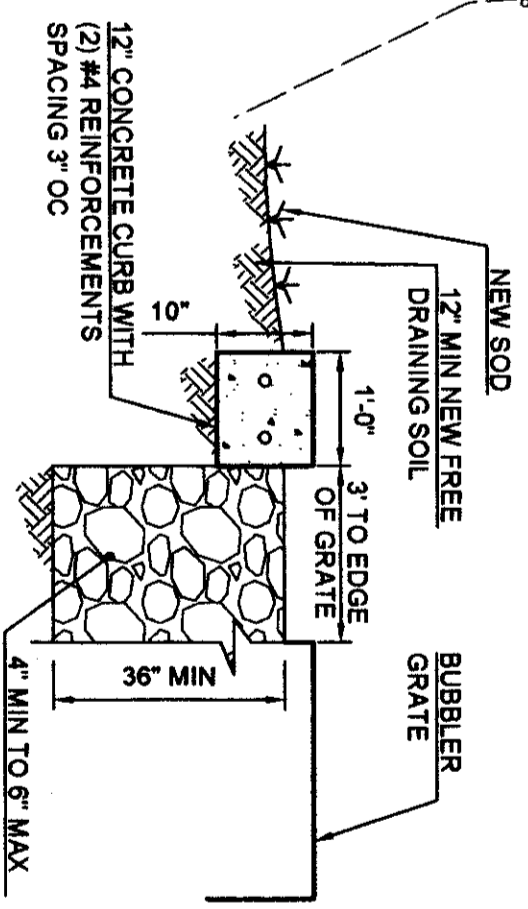
- UPON COMPLETION OF WORK, CONTRACTOR SHALL STABILIZE SITE WITH HYDROMULCH.
- AFTER INSTALLATION OF ON-SITE CATCH BASIN, ALL GRATES SHALL HAVE A SEDIMENT TRAP PLACED ON THE GRATE.

Notes:

- Excavate minimum of 12" of existing soils.
- Place minimum of 12" of 3" minus crushed rock.
- Construct rock berm along transition point to finish road surfaces, divert runoff to onsite area.

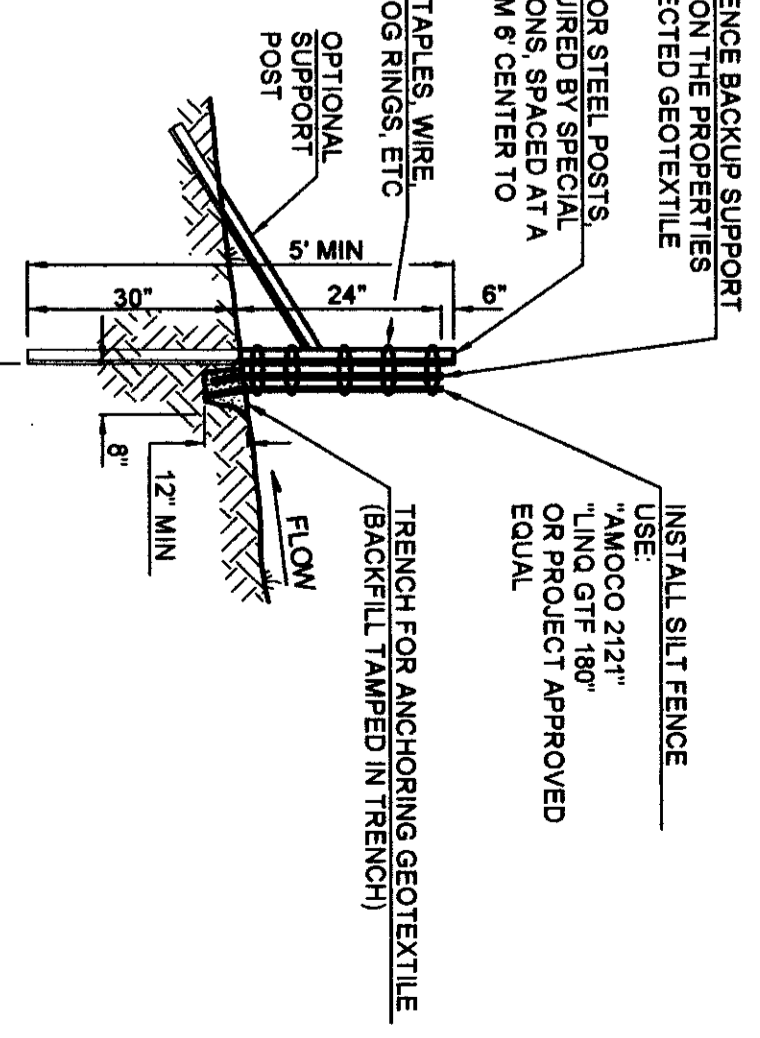


Construction Entrance

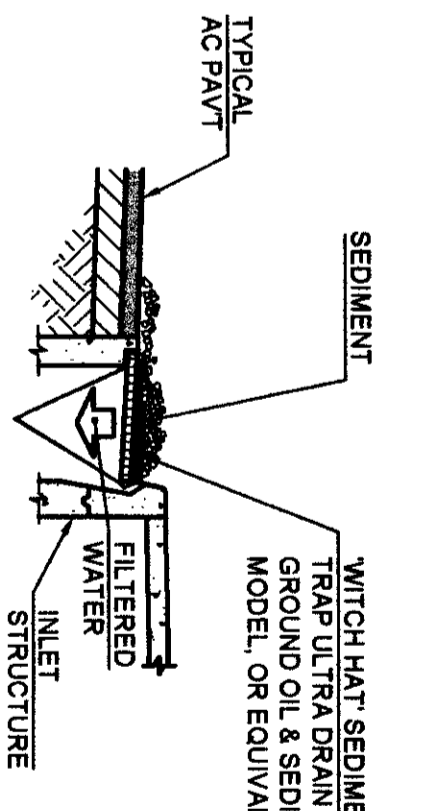


Storm Bubbler Structure

NOTE:
TOP OF CURBING SHALL BE LEVEL WITH BUBBLER GRATE



Erosion Control Filter Fabric Fence



Inlet Protection

NOTE:
CONTRACTOR SHALL PROVIDE INLET PROTECTION ON ALL STORM INLETS ALONG GARRISON VILLAGE WAY EAST OF SITE TO WYDA ROAD.

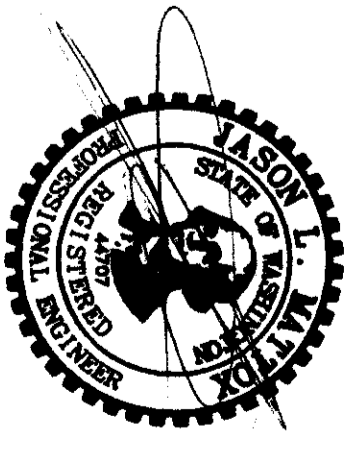
CITY OF COLLEGE PLACE

Approved by City of College Place

Date: 6/22/15

Utility Locate

Call 811
2 Business Days
Before Digging



EROSION CONTROL AND EMERGENCY STORM OVERFLOW PLAN FOR: GARRISON VILLAGE IX

A SUBDIVISION LOCATED IN THE CITY OF COLLEGE PLACE, WASHINGTON



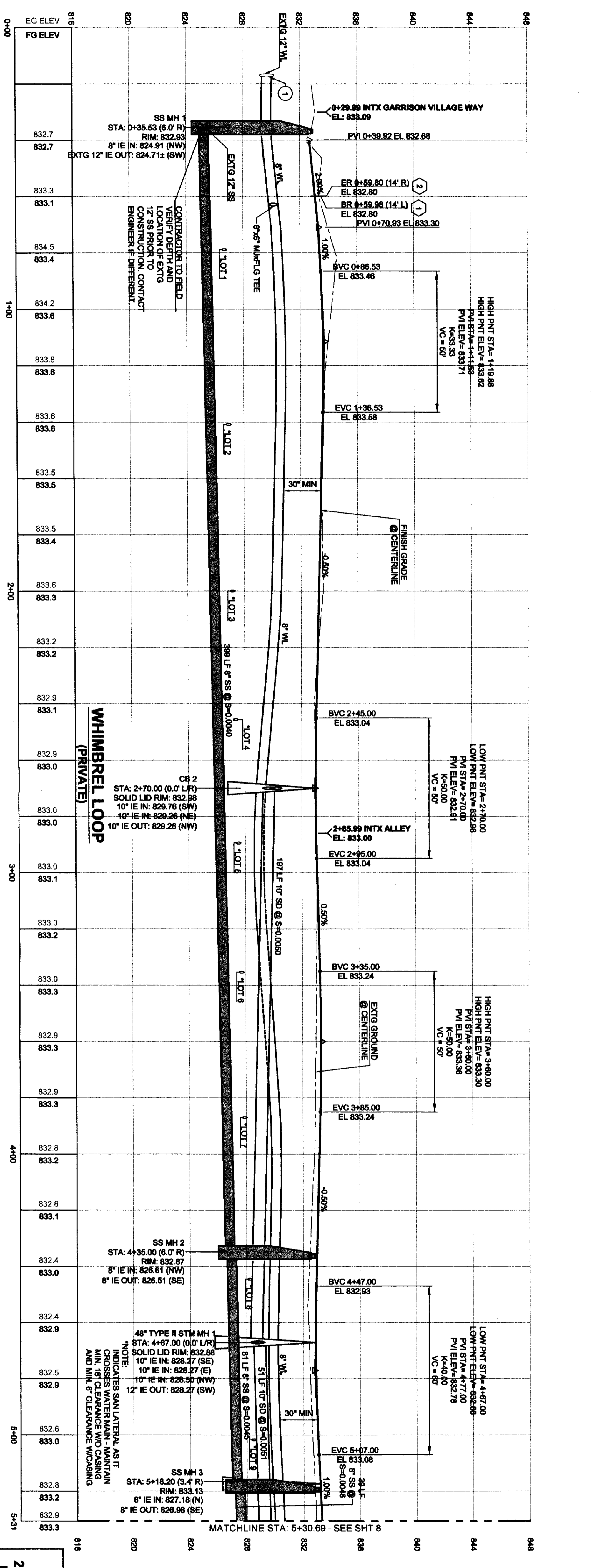
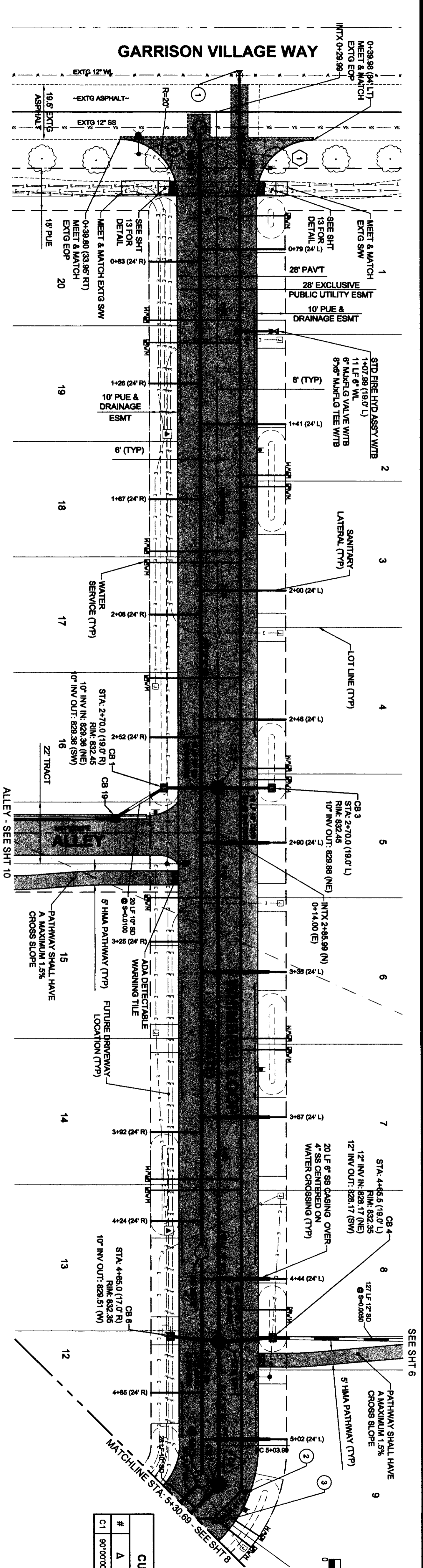
6115 Burden Blvd, Suite E
Pasco, WA 99031-8930
509/547-5119
306/695-3488
509/547-5129 fax
Internet: www.hdjdg.com

DESIGNED: JLM
DRAWN BY: CAD
CHECKED: JLM

SCALE:
H: 1"=40'
V: N/A

JUNE 2015
3845

SHEET
6
15



KEYED CONSTRUCTION NOTES:

- 1 0+16.89 (6.0' L) 8" TAPPING SLEEVE AND VALVE CONNECT TO EXTG 12" WL CONTRACTOR TO FIELD VERIFY DEPTH AND LOCATION PRIOR TO CONSTRUCTION. CONTACT ENGINEER IF DIFFERENT.
- 2 5+16.36 (10.84' L) 8" MJ 45° BEND W/RJ
- 3 5+27.19 (7.23' L) 8" MJ 45° BEND W/RJ

ASPHALT RETURN DATA

#	Δ	R	L	BEGN STA	EDGE OF PAVT	ELEVATION (CLOCKWISE)	END STA
1	90°00'42"	20.00	31.42	0+16.89	BCR	832.80	832.66
2	89°51'09"	20.00	31.36	0+30.89	1/2PT	832.90	832.85

NOTE:
RWH = CURB STOP W/MARKER

NOTE: CITY OF COLLEGE PLACE TO INSTALL WATER METERS AND METER BOXES

CITY OF COLLEGE PLACE

Approved By City of College Place
Date: 6/22/15

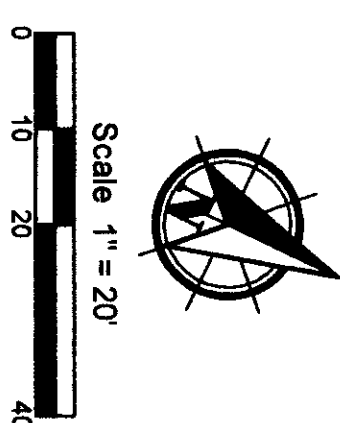
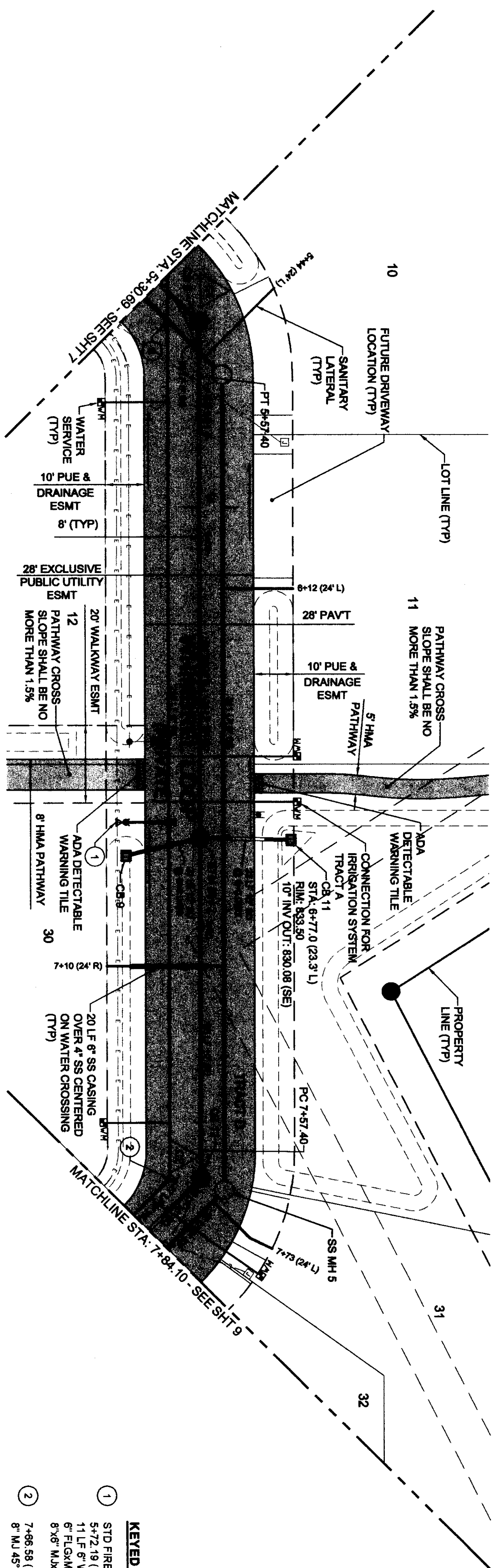
Utility Locate
Call 811
2 Business Days
Before Digging

WHIMBREL LOOP PLAN & PROFILE FOR:
GARRISON VILLAGE IX
A SUBDIVISION LOCATED IN THE CITY OF COLLEGE PLACE, WASHINGTON



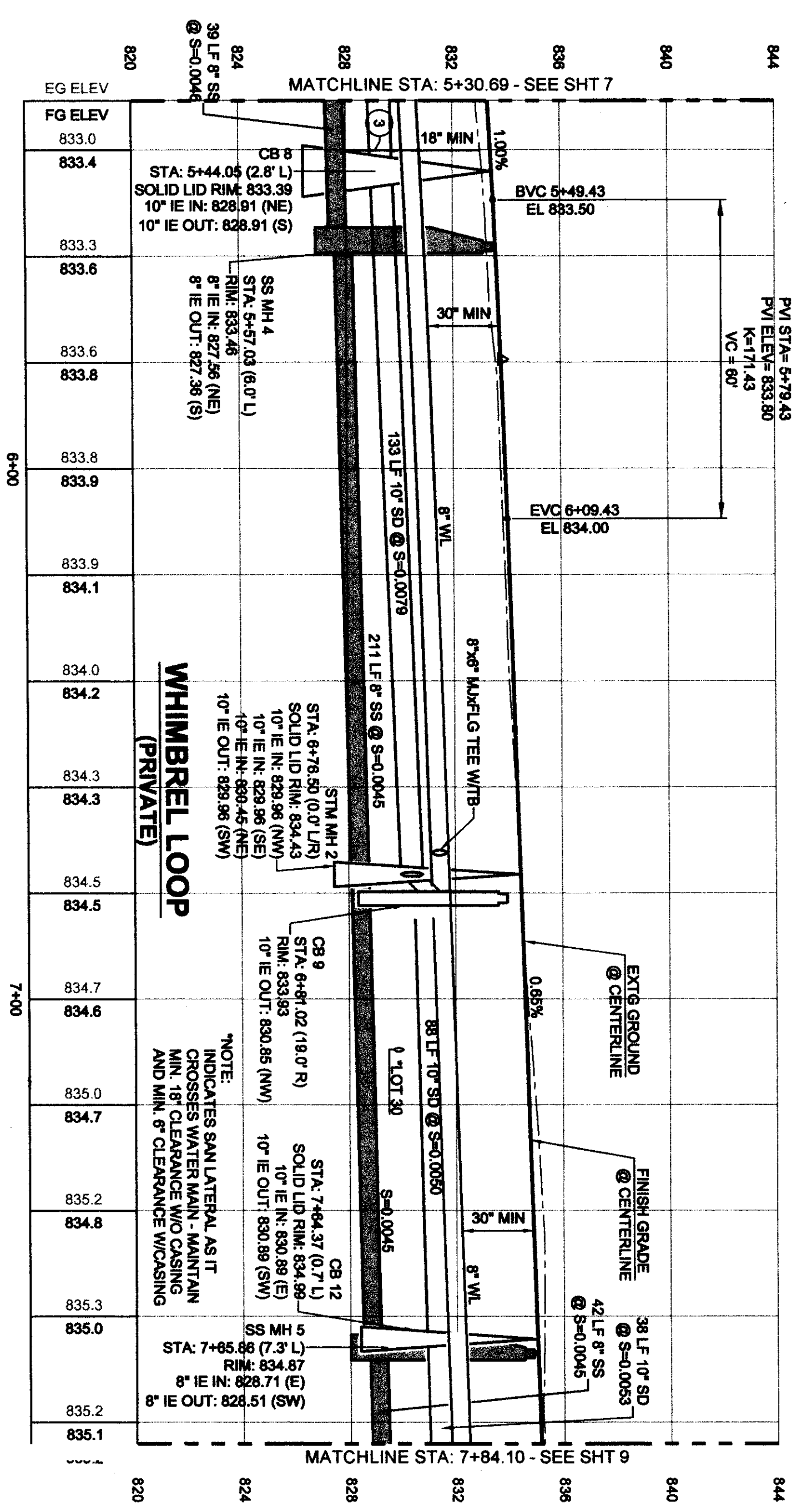
6115 Burden Blvd, Suite E
Pasco, WA 99301-8930
509/547-5119
306/695-3488
509/547-5129 fax
Internet: www.hjdjdesigngroup.com

DESIGNED: JLM
DRAWN BY: JLM
CHECKED: JLM
SCALE: H: 1" = 20'
V: 1" = 4'
JUNE 2015
3945
SHEET 7 OF 15



CURVE DATA				
#	Δ	R	L	T
C1	90°00'00"	34.00	53.41	34.00
C2	90°00'00"	34.00	53.41	34.00

- KEYED CONSTRUCTION NOTES:**
- STD FIRE HYD ASS'Y W/RT
5+72.19 (7.23' L)
11 LF 8" WL
6" FLOMM VALVE W/RJ
8'x6" M.F.L.G. TEE W/RT
 - 7+66.59 (7.02' R)
8" M.45° BEND W/RJ
 - MAINTAIN 18" MIN CLEARANCE FOR WATER MAIN CROSSING OVER SEWER MAIN.



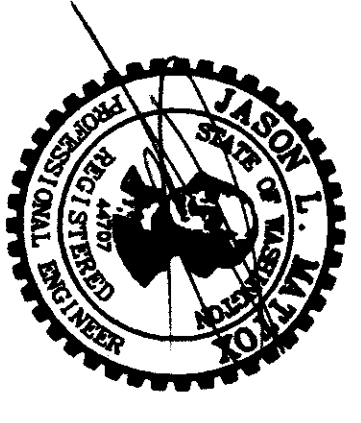
WHIMBREL LOOP (PRIVATE)

NOTE:
BWM = CURB STOP W/MARKER
NOTE: CITY OF COLLEGE PLACE TO INSTALL WATER METERS AND METER BOXES

CITY OF COLLEGE PLACE

Approved by City of College Place
Date: 6/22/15

Utility Locate
Call 811
2 Business Days
Before Digging

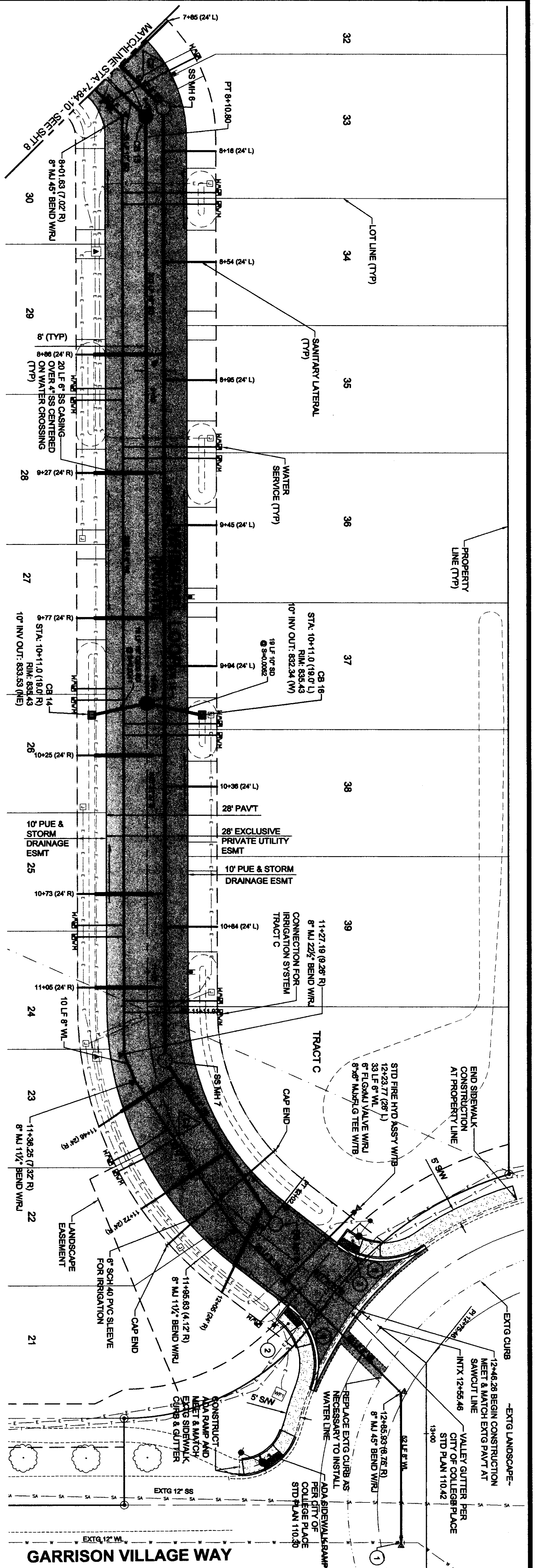


WHIMBREL LOOP PLAN & PROFILE FOR:
GARRISON VILLAGE IX
A SUBDIVISION LOCATED IN THE CITY OF COLLEGE PLACE, WASHINGTON

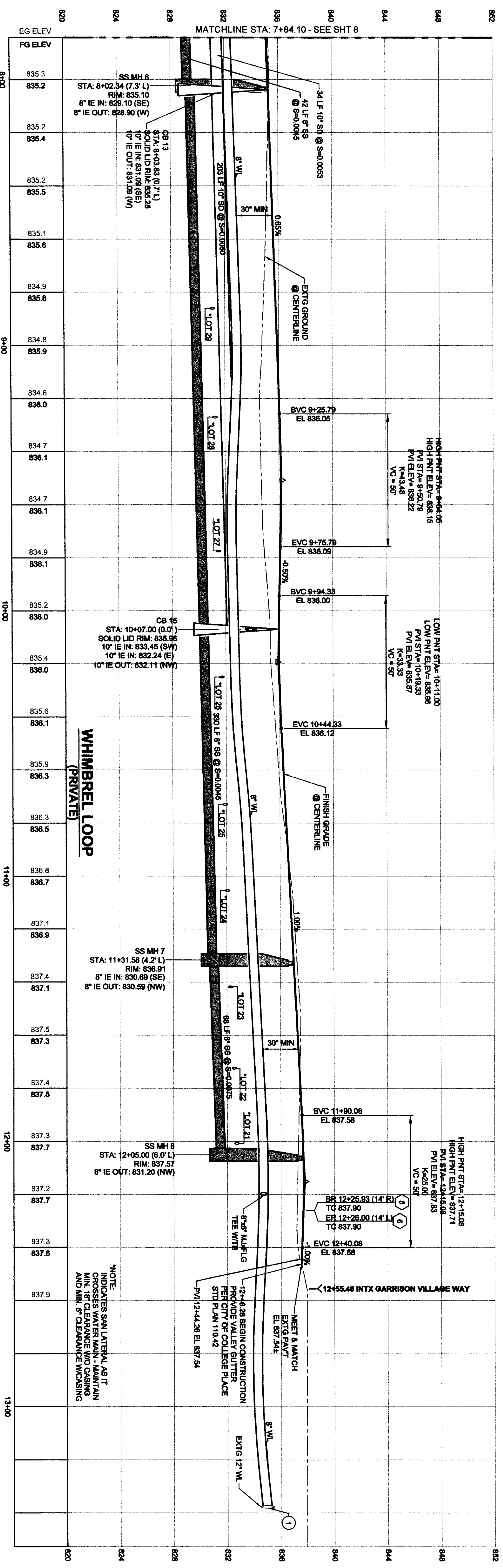
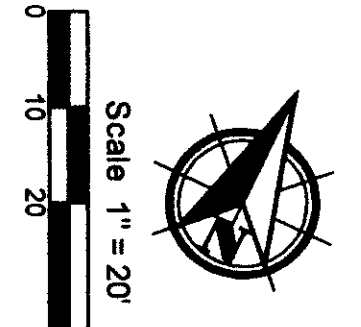


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Internet: www.hjdgroup.com

DESIGNED: JLM	CHECKED: JLM
DRAWN BY: JLM	SCALE: H: 1" = 20'
DATE: JUNE 2016	V: 1" = 4'
SHEET 8	3845
15	



#	Δ	R	L	T
C1	90°00'00"	34.00	53.41	34.00
C2	52°00'00"	100.00	90.76	48.77



NOTE:
INDICATES SAN LATERAL AS IT
CROSSES WATER MAIN - MAINTAIN
MIN. 18" CLEARANCE W/O CASING
AND MIN. 8" CLEARANCE W/CASING

**WHIMBREL LOOP
(PRIVATE)**

KEYED CONSTRUCTION NOTES:

- 13x37.1 (8.76") 8" TAPPING SLEEVE & VALVE CONNECT TO EXTG. 12" WL. CONTRACTOR TO FIELD VERIFY DEPTH AND LOCATION PRIOR TO CONSTRUCTION. CONTACT ENGINEER IF DIFFERENT.
- ADA SIDEWALK RAMP PER CITY OF COLLEGE PLACE STD PLAN 110.34

CURB RETURN DATA

#	Δ	R	L	BEGIN STA	END STA	TC ELEVATION (CLOCKWISE)	OFFSET	ECR	END STA
4	75°23'54"	25.00	32.90	12+25.93	12+49.88	837.86	14.0	837.86	12+49.88
5	73°16'34"	25.00	31.97	12+49.84	12+26.00	838.24	14.0	837.90	12+26.00

ELEVATIONS DO NOT REFLECT DEPRESSIONS FOR CURB RAMPS

CITY OF COLLEGE PLACE

Approved by City of College Place
Date: 6/11/15

Utility Locate
Call 811
2 Business Days
Before Digging

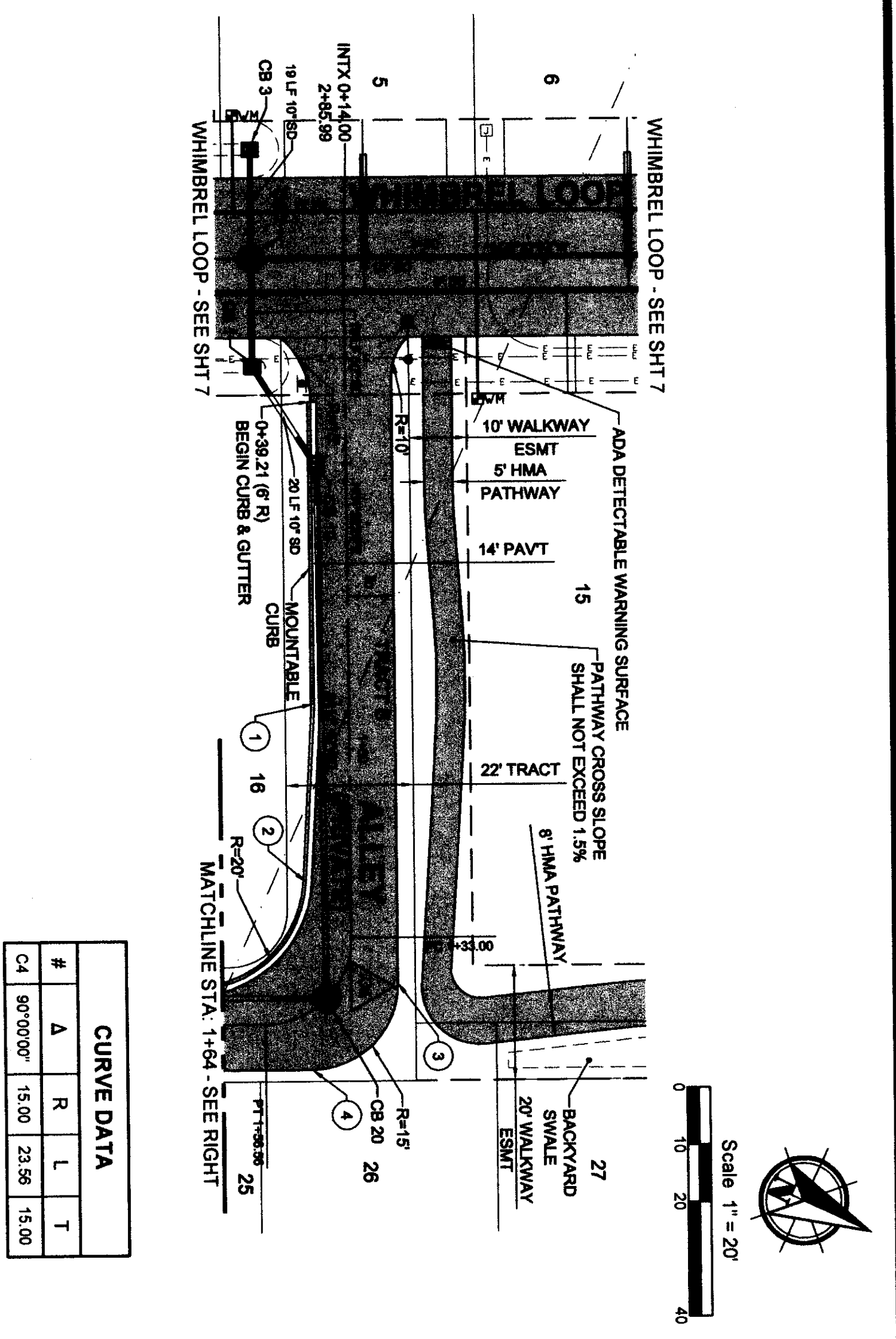


**WHIMBREL LOOP PLAN & PROFILE FOR:
GARRISON VILLAGE IX**
A SUBDIVISION LOCATED IN THE CITY OF COLLEGE PLACE, WASHINGTON

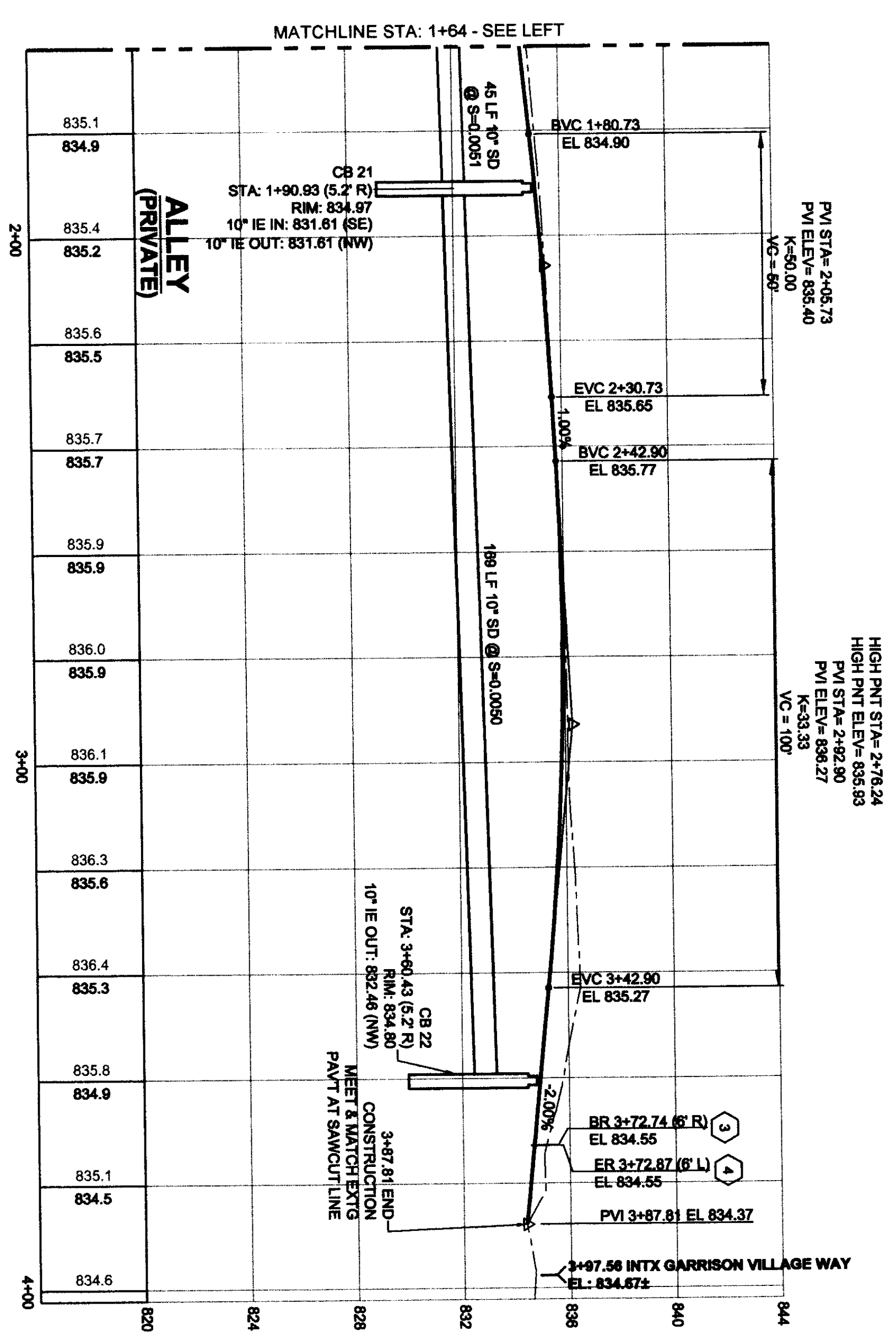
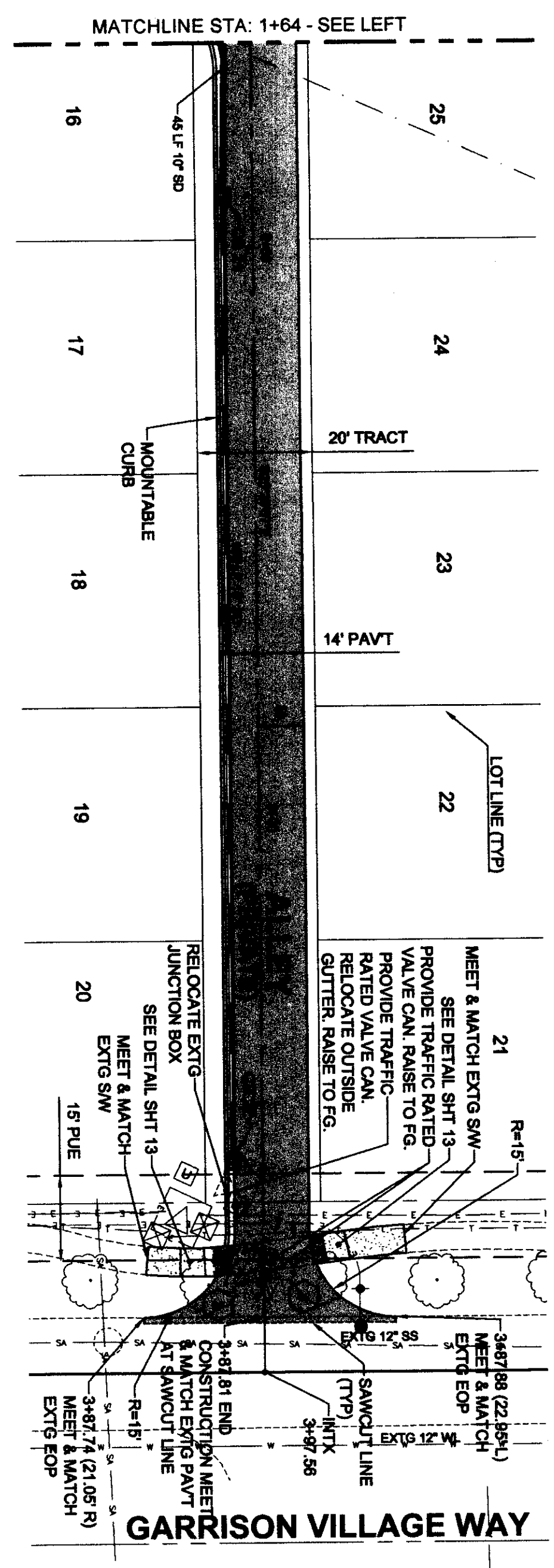
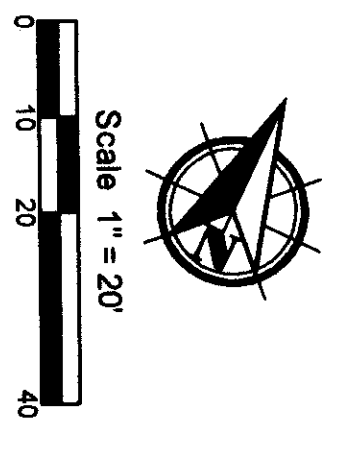
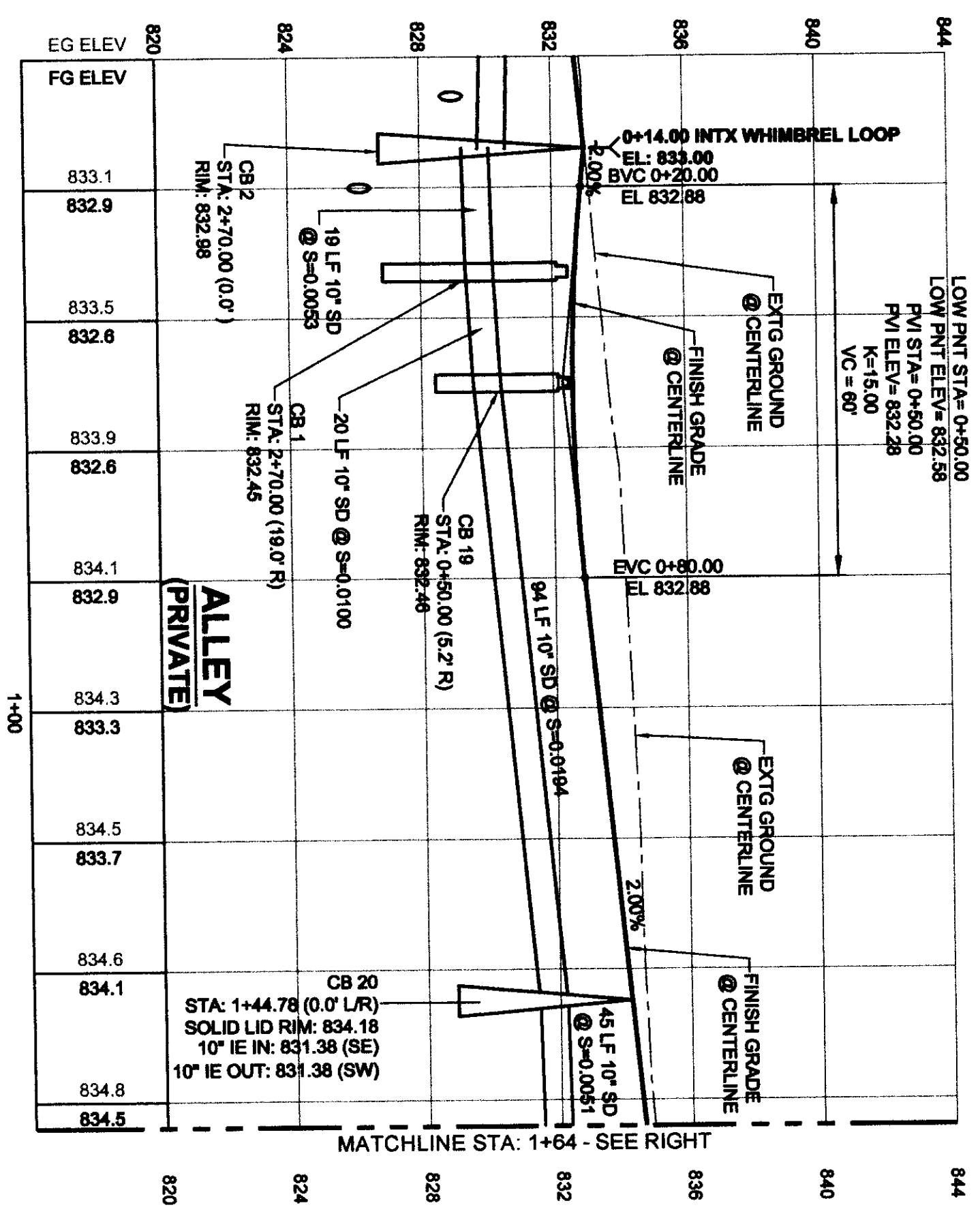


6115 Burden Blvd, Suite E
Pasco, WA 99301-6930
509/547-5119
306/695-3488
509/547-5129 fax
Internet: www.hjdgroup.com

DESIGNED: JLM
DRAWN BY: JLM
CHECKED: JLM
SCALE: H: 1" = 20'
V: 1" = 4'
DATE: JUNE 2015
SHEET: 38/45



CURVE DATA				
#	Δ	R	L	T
C4	90°00'00"	15.00	23.59	15.00



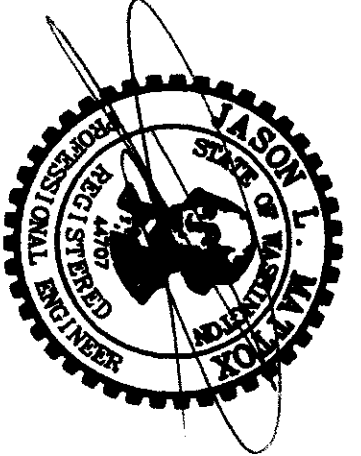
- KEYED CONSTRUCTION NOTES:**
- 0+92.10 (6.00' R)
 - 1+23.14 (7.78' R)
 - 1+38.02 (9.35' L)
 - 1+51.54 (9.35' L)

ASPHALT RETURN DATA									
#	Δ	R	L	BEGIN STA	EDGE OF PAVT ELEVATION (CLOCKWISE)	END STA	OFFSET	OFFSET	OFFSET
3	90°10'24"	15.00	23.61	3+72.74	834.55	834.42	834.27	834.12	834.00
4	89°49'37"	15.00	23.52	3+87.88	834.78	834.71	834.69	834.74	834.83

NOTE:
 EXH = CURB STOP MARKER
 NOTE: CITY OF COLLEGE PLACE TO INSTALL WATER METERS AND METER BOXES

CITY OF COLLEGE PLACE
 Approved by City of College Place
 Date: 6/12/15

Utility Locate
 Call 811
 2 Business Days
 Before Digging



06/12/15

ALLEY PLAN & PROFILE FOR:
GARRISON VILLAGE IX
 A SUBDIVISION LOCATED IN THE CITY OF COLLEGE PLACE, WASHINGTON

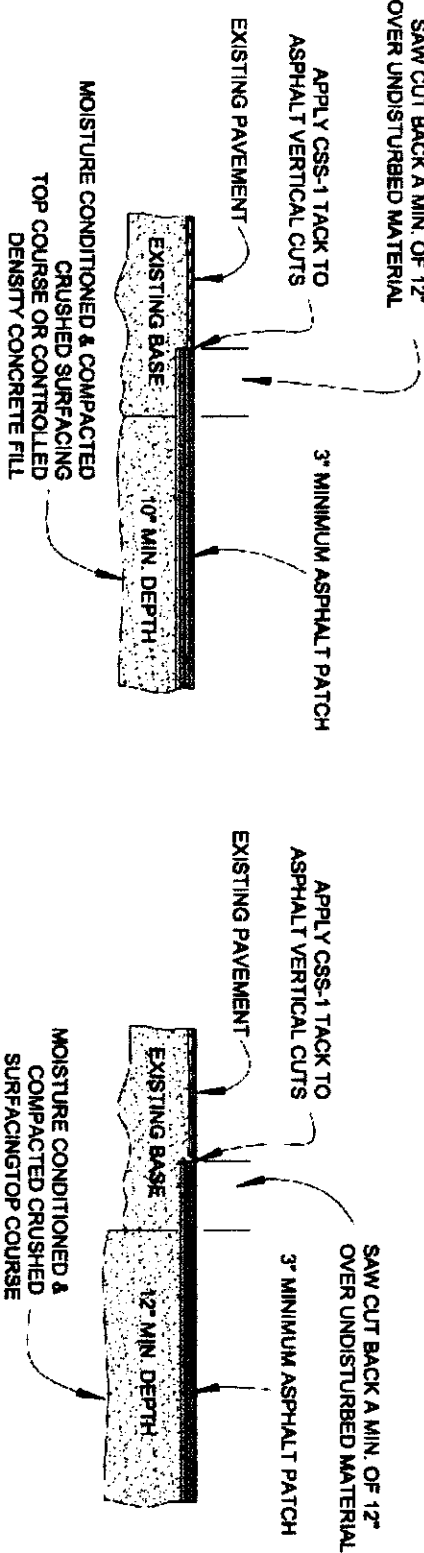


DESIGNED: JLM	DRAWN BY: JLM	CHECKED: JLM	SCALE: H: 1" = 4'
SHEET: 10	DATE: JUNE 2015	3945	

CITY OF COLLEGE PLACE - STANDARD SPECIFICATIONS

LOCAL & COLLECTOR STREETS

ARTERIAL STREETS



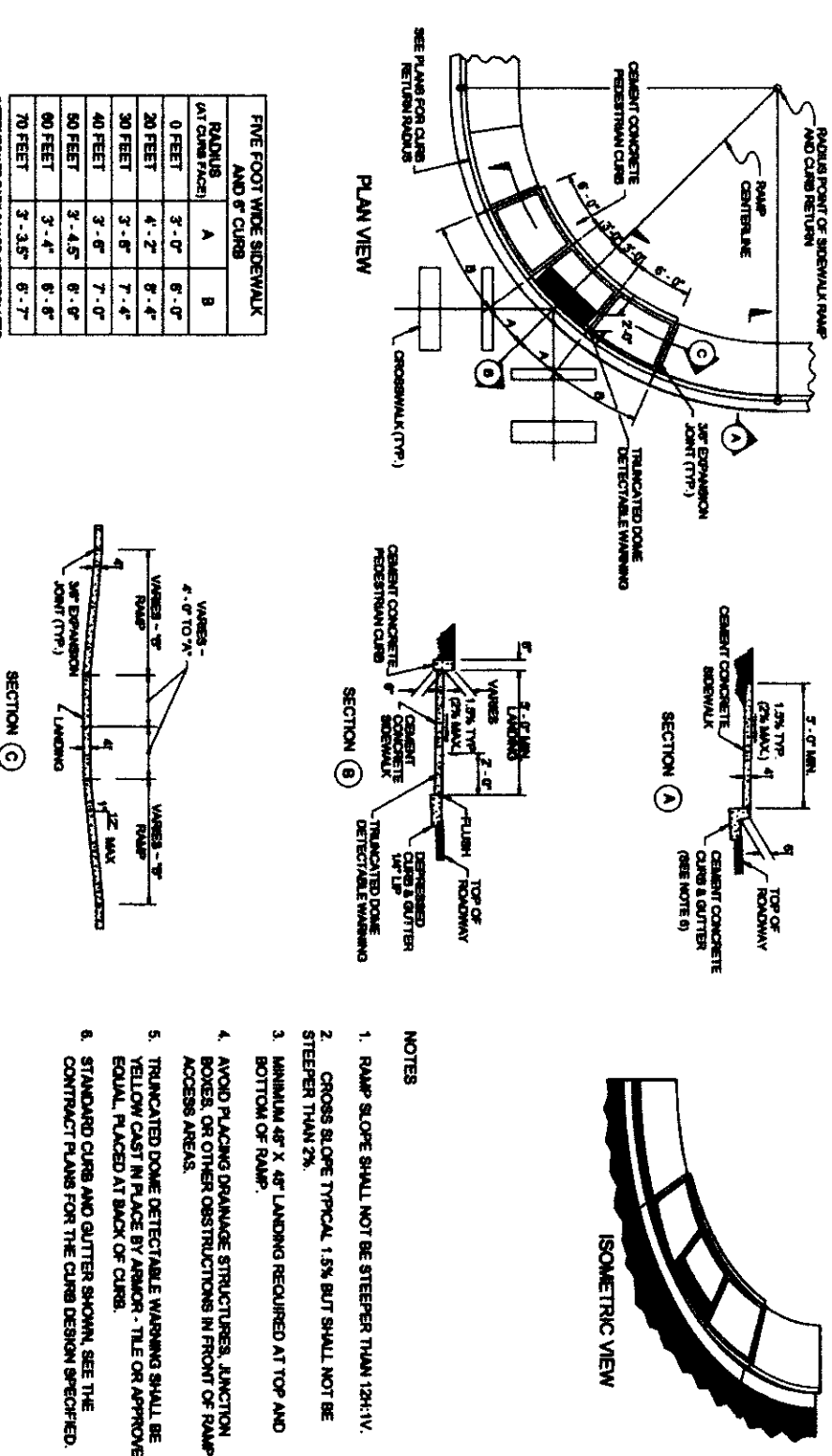
- NOTES
1. AFTER DITCH BACK FILL HAS BEEN COMPACTED, AN ADDITIONAL, 1/2" WILL BE REMOVED FROM EACH EDGE OF THE ORIGINAL CUT. THE ENGINEER MAY REQUIRE MORE THAN THE 1/2" ADDITIONAL REMOVAL PROCESS IF THE JOINT DOES NOT OCCUR ON UNDISTURBED MATERIAL, OR IF THE JOINT FALLS WITHIN THE TRAVEL LANE.
 2. ALL BACK FILL SHALL BE UNIFORM, MOISTURE CONDITIONED AND COMPACTED TO 98% MAX. DENSITY. BASE ROCK SHALL BE PLACED IN 4" OR LESS LIFTS. CRUSHED SURFACING SHALL BE PLACED IN 4" OR LESS LIFTS.
 3. COLD MIX MAY BE USED TEMPORARILY UNTIL HOT MIX ASPHALT IS AVAILABLE.

CITY ENGINEER: Robert Gordon, P.E.
LAST REVISION: OCTOBER 2013

TYPICAL PATCH FOR FLEXIBLE PAVEMENTS

STANDARD PLAN 110.09

CITY OF COLLEGE PLACE - STANDARD SPECIFICATIONS



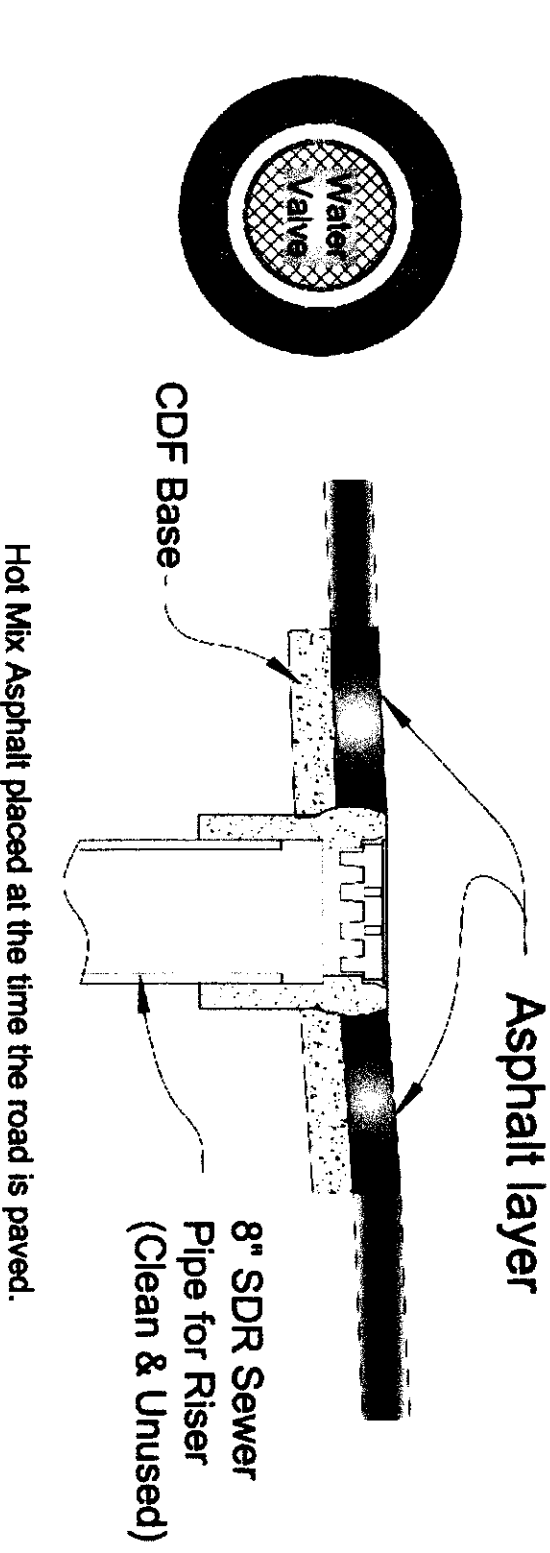
THE FOLLOWING TABLE SHALL BE USED TO DETERMINE THE MINIMUM RAMP WIDTH FOR A GIVEN RAMP TYPE.

WALKWAY WIDTH	MINIMUM RAMP WIDTH
0 FEET	3'-0"
1 FEET	3'-0"
2 FEET	3'-0"
3 FEET	3'-0"
4 FEET	3'-0"
5 FEET	3'-0"
6 FEET	3'-0"
7 FEET	3'-0"
8 FEET	3'-0"
9 FEET	3'-0"
10 FEET	3'-0"
11 FEET	3'-0"
12 FEET	3'-0"
13 FEET	3'-0"
14 FEET	3'-0"
15 FEET	3'-0"
16 FEET	3'-0"
17 FEET	3'-0"
18 FEET	3'-0"
19 FEET	3'-0"
20 FEET	3'-0"
21 FEET	3'-0"
22 FEET	3'-0"
23 FEET	3'-0"
24 FEET	3'-0"
25 FEET	3'-0"
26 FEET	3'-0"
27 FEET	3'-0"
28 FEET	3'-0"
29 FEET	3'-0"
30 FEET	3'-0"
31 FEET	3'-0"
32 FEET	3'-0"
33 FEET	3'-0"
34 FEET	3'-0"
35 FEET	3'-0"
36 FEET	3'-0"
37 FEET	3'-0"
38 FEET	3'-0"
39 FEET	3'-0"
40 FEET	3'-0"
41 FEET	3'-0"
42 FEET	3'-0"
43 FEET	3'-0"
44 FEET	3'-0"
45 FEET	3'-0"
46 FEET	3'-0"
47 FEET	3'-0"
48 FEET	3'-0"
49 FEET	3'-0"
50 FEET	3'-0"
51 FEET	3'-0"
52 FEET	3'-0"
53 FEET	3'-0"
54 FEET	3'-0"
55 FEET	3'-0"
56 FEET	3'-0"
57 FEET	3'-0"
58 FEET	3'-0"
59 FEET	3'-0"
60 FEET	3'-0"
61 FEET	3'-0"
62 FEET	3'-0"
63 FEET	3'-0"
64 FEET	3'-0"
65 FEET	3'-0"
66 FEET	3'-0"
67 FEET	3'-0"
68 FEET	3'-0"
69 FEET	3'-0"
70 FEET	3'-0"
71 FEET	3'-0"
72 FEET	3'-0"
73 FEET	3'-0"
74 FEET	3'-0"
75 FEET	3'-0"
76 FEET	3'-0"
77 FEET	3'-0"
78 FEET	3'-0"
79 FEET	3'-0"
80 FEET	3'-0"
81 FEET	3'-0"
82 FEET	3'-0"
83 FEET	3'-0"
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85 FEET	3'-0"
86 FEET	3'-0"
87 FEET	3'-0"
88 FEET	3'-0"
89 FEET	3'-0"
90 FEET	3'-0"
91 FEET	3'-0"
92 FEET	3'-0"
93 FEET	3'-0"
94 FEET	3'-0"
95 FEET	3'-0"
96 FEET	3'-0"
97 FEET	3'-0"
98 FEET	3'-0"
99 FEET	3'-0"
100 FEET	3'-0"

ADA SIDEWALK RAMP TYPE A

STANDARD PLAN 110.30

CITY OF COLLEGE PLACE - STANDARD SPECIFICATIONS



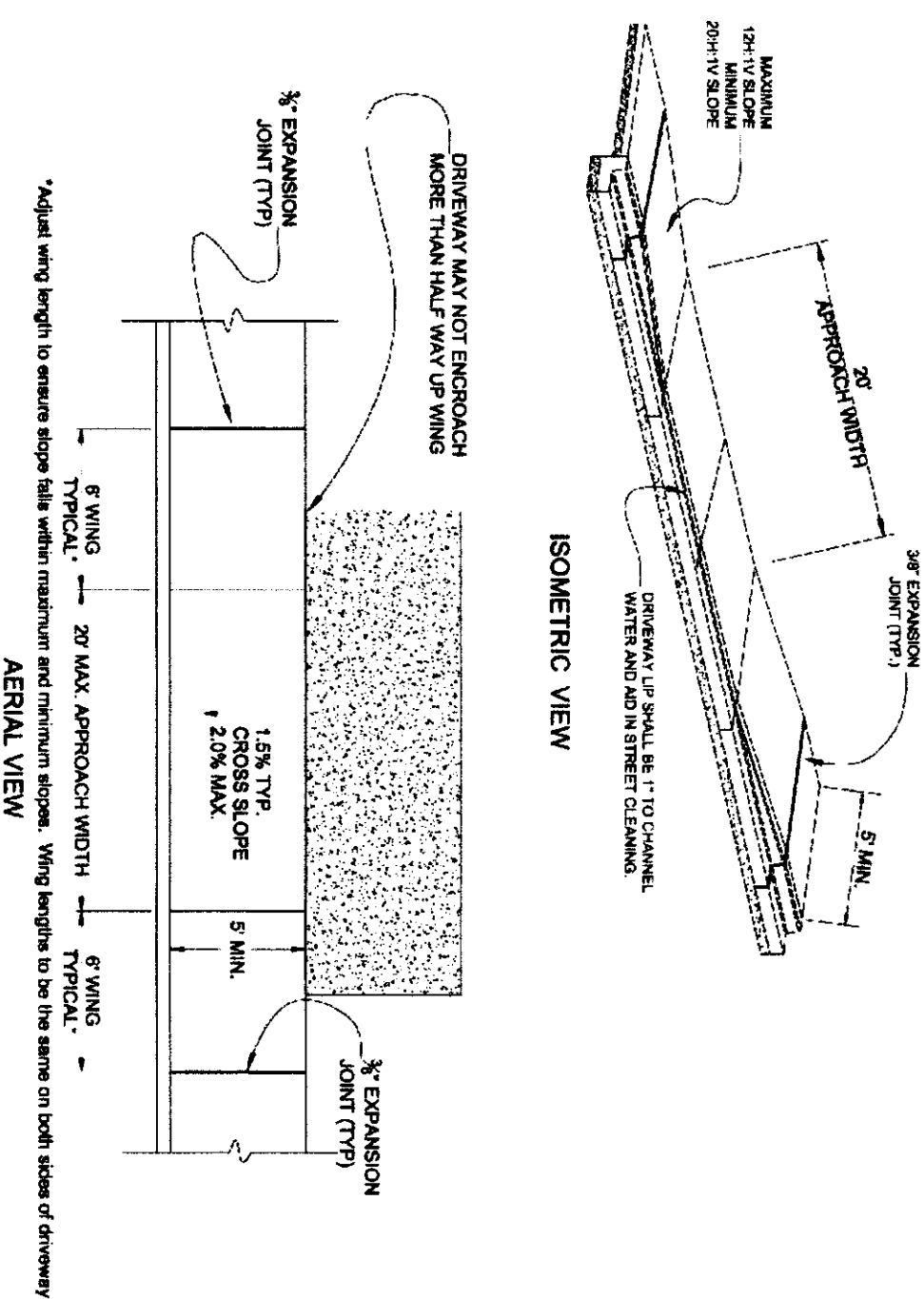
Hot Mix Asphalt placed at the time the road is paved.

CITY ENGINEER: Robert Gordon, P.E.
LAST REVISION: FEBRUARY 2014

VALVE BOX COLLAR PLACEMENT

STANDARD PLAN 210.03

CITY OF COLLEGE PLACE - STANDARD SPECIFICATIONS

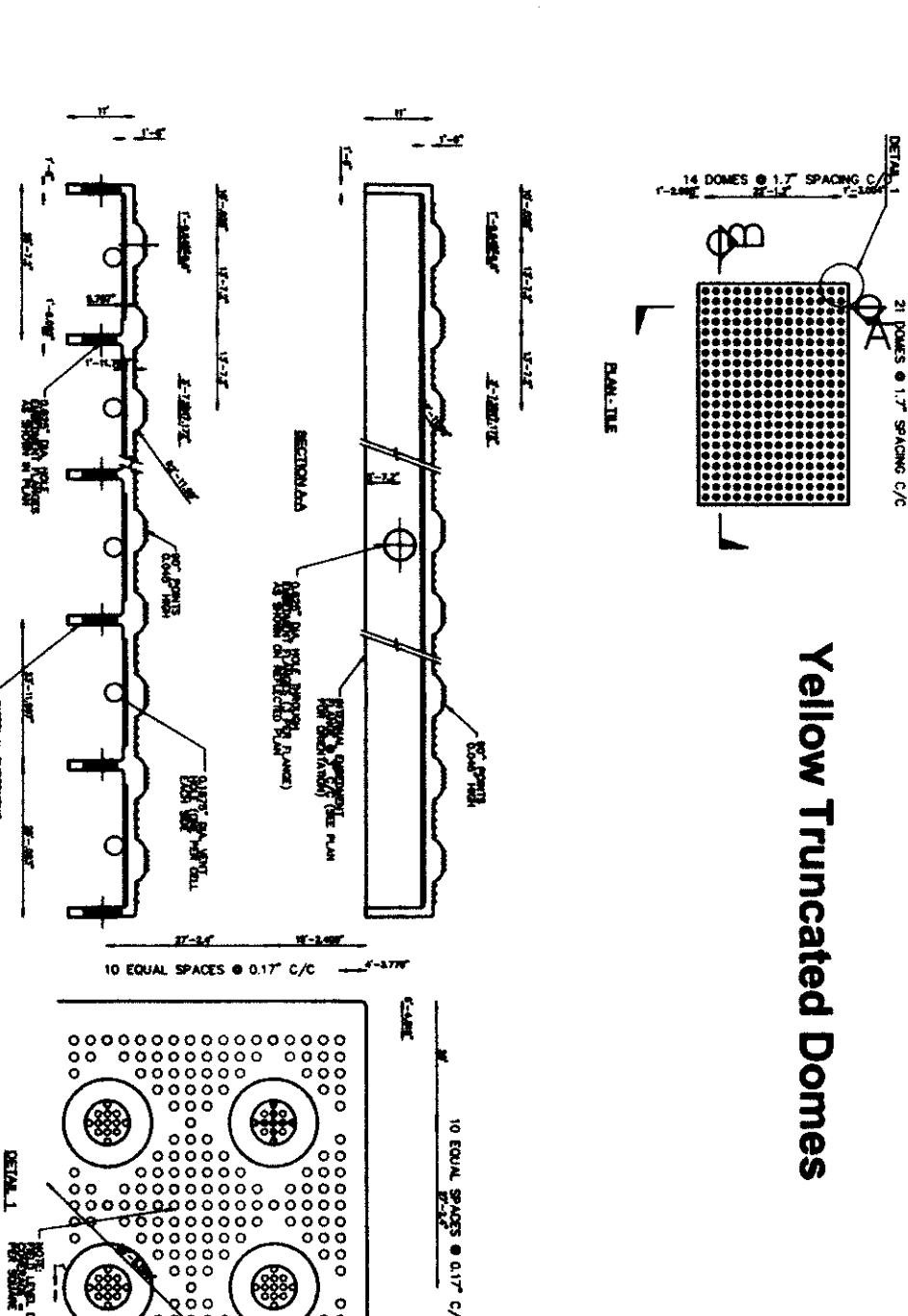


CITY ENGINEER: Robert Gordon, P.E.
LAST REVISION: OCTOBER 2013

RESIDENTIAL DRIVEWAY APPROACH

STANDARD PLAN 110.11

CITY OF COLLEGE PLACE - STANDARD SPECIFICATIONS

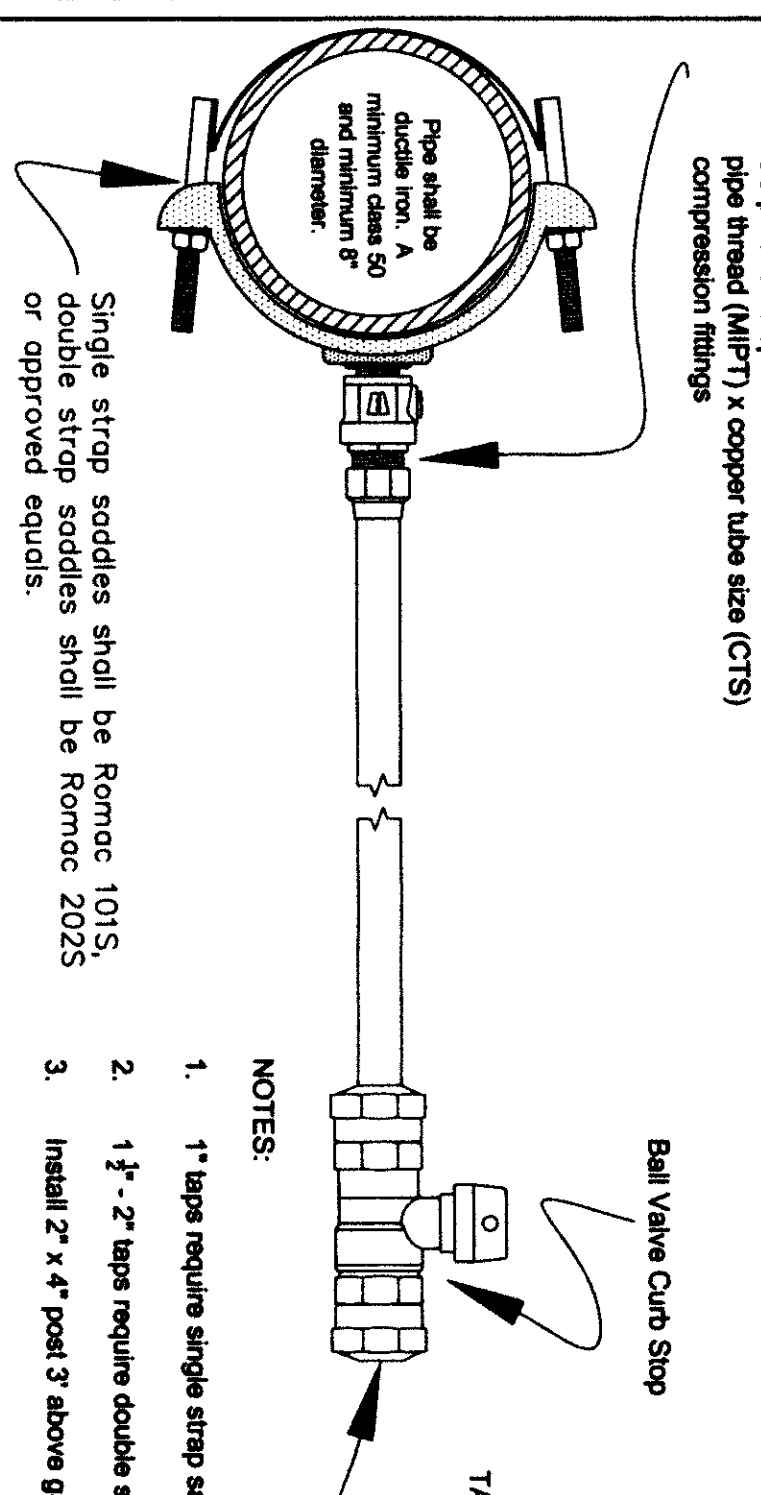


CITY ENGINEER: Robert Gordon, P.E.
LAST REVISION: NOVEMBER 2013

ADA RAMP TILE 24 x 36

STANDARD PLAN 110.36

CITY OF COLLEGE PLACE - STANDARD SPECIFICATIONS



Corporation stops shall be male Ford or Mueller male iron pipe threaded (MIP/T) x copper tube size (CTS) compression fittings.

1. 1" taps require single strap saddle minimum.

2. 1 1/2" - 2" taps require double strap saddles.

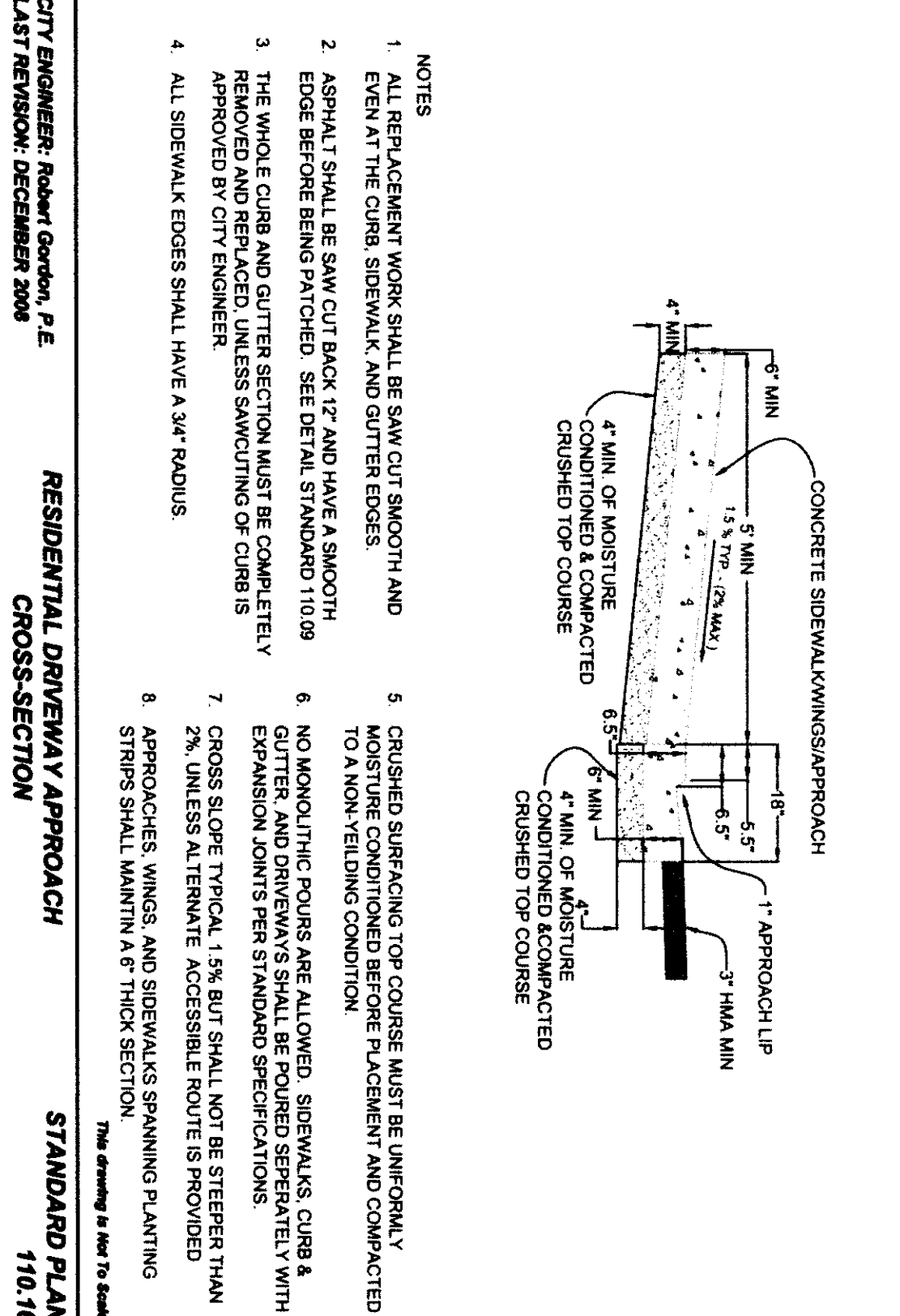
3. Install 2" x 4" post 3" above ground.

CITY ENGINEER: Robert Gordon, P.E.
LAST REVISION: JUNE 2007

STANDARD WATER SERVICE STUB CONNECTION COMPONENTS

STANDARD PLAN 210.05

CITY OF COLLEGE PLACE - STANDARD SPECIFICATIONS

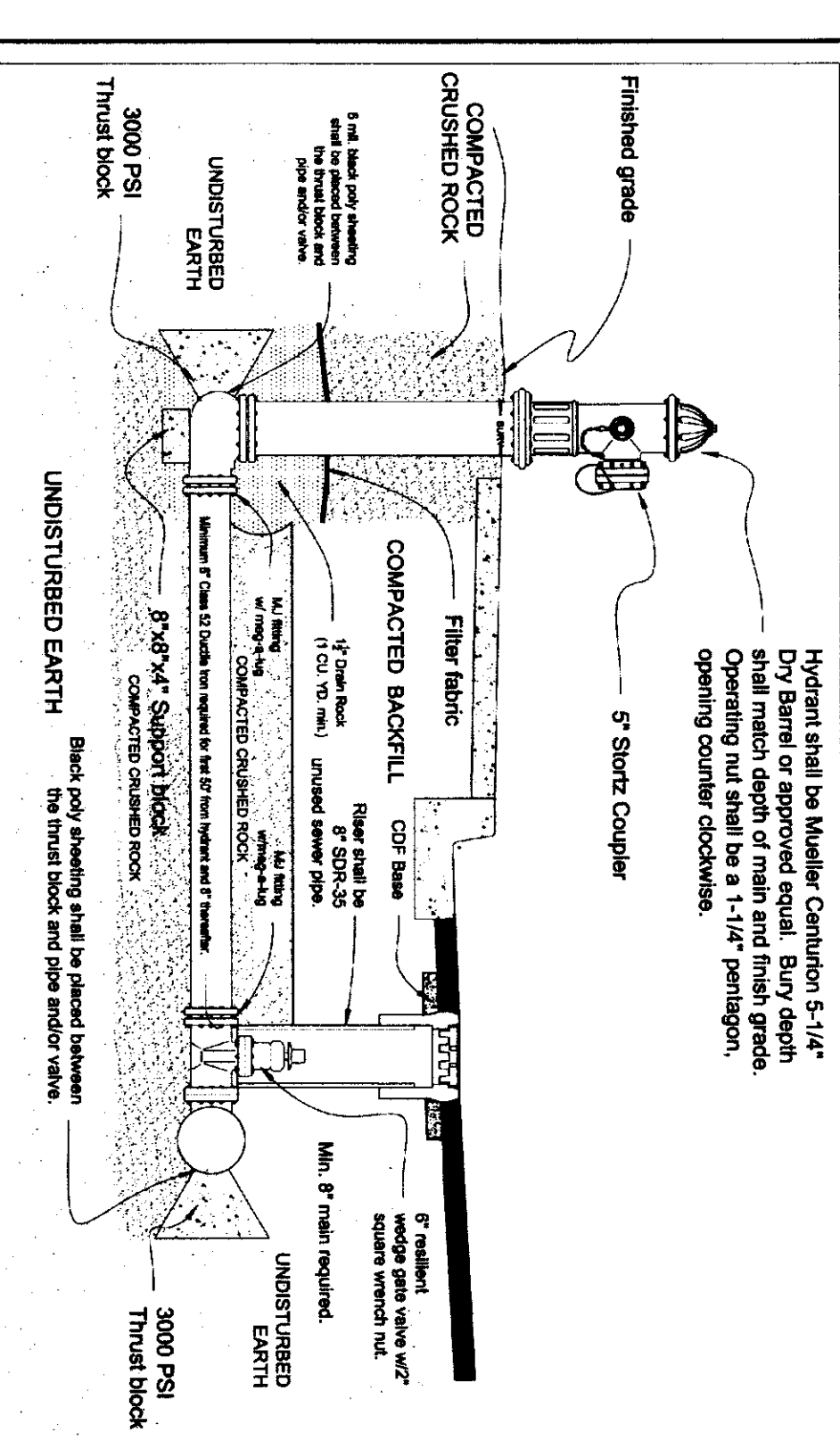


CITY ENGINEER: Robert Gordon, P.E.
LAST REVISION: DECEMBER 2008

RESIDENTIAL DRIVEWAY APPROACH CROSS-SECTION

STANDARD PLAN 110.18

CITY OF COLLEGE PLACE - STANDARD SPECIFICATIONS

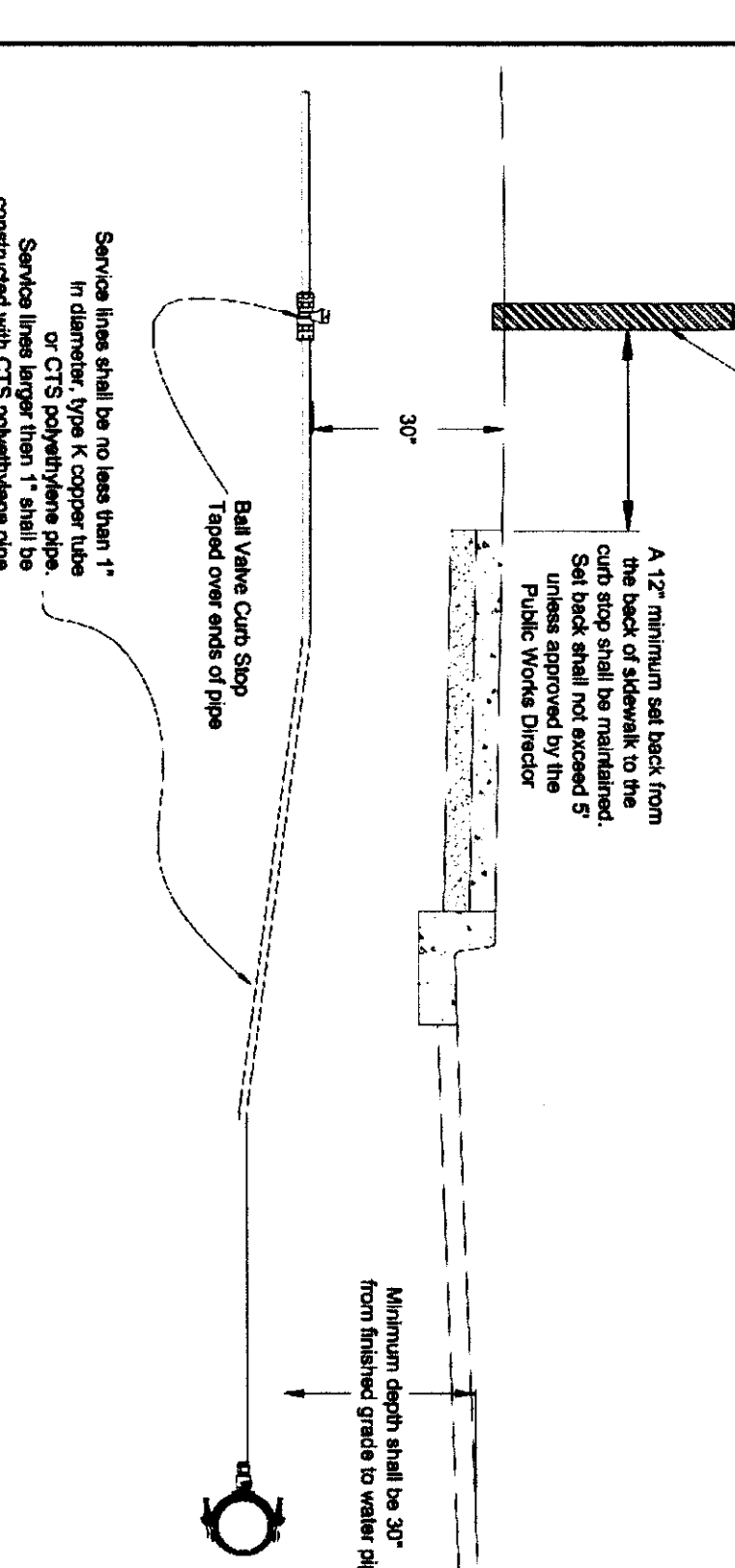


CITY ENGINEER: Robert Gordon, P.E.
LAST REVISION: FEBRUARY 2014

FIRE HYDRANT PLACEMENT PROFILE

STANDARD PLAN 210.02

CITY OF COLLEGE PLACE - STANDARD SPECIFICATIONS



CITY ENGINEER: Robert Gordon, P.E.
LAST REVISION: OCTOBER 2013

WATER SERVICE PLACEMENT PROFILE

STANDARD PLAN 210.06

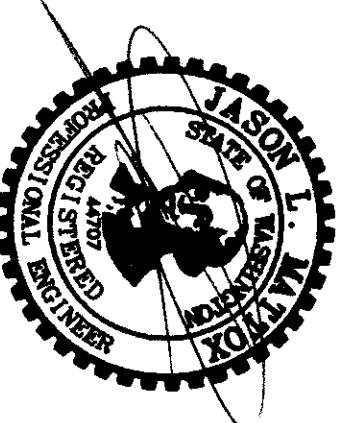
CITY OF COLLEGE PLACE
Approved by City of College Place
Date: 6/22/15

Utility Locate
Call 811
2 Business Days Before Digging

CITY OF COLLEGE PLACE STANDARD DETAILS FOR:
GARRISON VILLAGE IX
A SUBDIVISION LOCATED IN THE CITY OF COLLEGE PLACE, WASHINGTON



6115 Burden Blvd, Suite E
Pasco, WA 99301-8930
509/547-5119
509/695-3488
509/547-5129 fax
Internet: www.hdigp.com



DESIGNED: JLM	DRAWN BY: CAD	CHECKED: JLM	SCALE: H: N/A, V: N/A
JUNE 2016	JUNE 2016	JUNE 2016	JUNE 2016
3845	3845	3845	3845
SHEET	11	15	

CITY OF COLLEGE PLACE - STANDARD SPECIFICATIONS

- THRUST BLOCKS SHALL BE REQUIRED AT THE FOLLOWING LOCATIONS:
 - ALL CHANGES IN DIRECTION VERTICAL AND HORIZONTAL
 - ALL VALVES IN CHAIN AND LARGER SIZE PIPE CLOSED CONDITION
 - AT OTHER LOCATIONS REQUIRED BY THE CITY ENGINEER.
 - THRUST BLOCKS SHALL BE SIZED AS REQUIRED BY SOIL CONDITIONS AND DESIGN PRESSURE.
 - PLACE CONCRETE AGAINST UNDISTURBED TRANCE WALL.
 - CONCRETE SHALL BE 3000 PSI MINIMUM.
 - ALL CONCRETE SHALL BE PLACED SO THAT PIPE, FITTING JOINTS, BOLTS & NUTS, ETC. WILL BE ACCESSIBLE FOR REPAIRS.
 - PLACE ONE LAYER OF 5 MIL PLASTIC BETWEEN THE FITTING AND CONCRETE TO FACILITATE FUTURE REMOVAL OF THE THRUST BLOCK. A LAYER OF 1/2" SAND OR EQUIVALENT SHALL BE PLACED BETWEEN THE THRUST BLOCK AND THE TRANCE WALL TO OBTAIN THE CORRECT POSITION OF THE THRUST BLOCK.
 - ANNULAR JOINTS SHALL BE PROTECTED WITH A 1/2" SAND OR EQUIVALENT LAYER OF 1/2" SAND OR EQUIVALENT BETWEEN THE THRUST BLOCK AND THE TRANCE WALL TO OBTAIN THE CORRECT POSITION OF THE THRUST BLOCK.
 - ALL THRUST BLOCKS SHALL BE SIZED FOR 150 PSI WATER PRESSURE. (MINIMUM TESTING PRESSURE)
 - IF THE REQUIRED BEARING AREA IS LESS THAN 1 SQ. FT. PER FOOT, A THRUST BLOCK SHALL NOT BE REQUIRED.
- DETERMINATION OF THRUST BLOCK AREA
- NOTE: WHEN THRUST BLOCK BEARING AREA IS NOT DETERMINED IN THE PLAN OR DETERMINED BY THE ENGINEER, THE FOLLOWING PROCEDURE SHALL BE USED TO DETERMINE REQUIRED BEARING AREA:
- DETERMINE THRUST (T) FOR THE TYPE OF FITTING OR JOINT AND SIZE OF PIPE FROM TABLE NO. 1 OR TABLE NO. 2 OF CITY STANDARD PLAN 210.10.
 - DETERMINE BEARING CAPACITY (B) OF SOIL FROM TABLE NO. 2 OF CITY STANDARD PLAN 210.10.
 - DETERMINE REQUIRED BEARING AREA (A) AS FOLLOWS:

A = T/PRESSURE FACTOR

B = DESIGN PRESSURE = 175 PSI
- EXAMPLE:
 FITTING - TEE
 SOIL - SILT
 FROM TABLE NO. 1 - 1530 LB.
 FROM TABLE NO. 2 - 8 - 100 LB/FT²
 A = 1530 / 8 = 191.25
 B = 100

This drawing is Not To Scale
STANDARD PLAN 210.09

CITY ENGINEER: Robert Gordon, P.E.
 LAST REVISION: JUNE 2007

CITY OF COLLEGE PLACE - STANDARD SPECIFICATIONS

TABLE NO. 1
 THRUST AT FITTINGS IN POUNDS AT 100 PSI OF WATER PRESSURE

PIPE SIZE	TEE AND BRAD END	90 DEGREE BEND	45 DEGREE BEND	22.5 DEGREE BEND	11.25 DEGREE BEND
4"	1850	2010	1420	720	384
6"	3800	3370	2410	1210	610
8"	6580	5800	4040	2050	1072
10"	10750	9500	6840	3470	1778
12"	15310	21840	15910	8060	4141
14"	20770	28900	20900	10430	5489
16"	26880	38710	28280	14230	7345
18"	33850	47230	33850	17050	8865

NOTE: FOR WATER PRESSURE DIFFERENT THAN 100 PSI, MULTIPLY THRUST FOUND IN TABLE NO. 1 BY REQUIRED PROPORTION.
 EXAMPLE: DESIGN PRESSURE = 175; MULTIPLY VALUE IN TABLE BY 1.75

TABLE NO. 2
 SOIL LOAD BEARING

SOIL	LOAD BEARING (LB/FT ²)
SOFT CLAY	300
SILT	1000
SAND	2000
SAND & GRAVEL	3000
SAND GRAVEL CEMENTED WITH CLAY	4000
HARD CLAY	4000

TABLE NO. 3
 SIDE THRUST PER 100 LB SQ. IN. PRESSURE PER DEGREE OF DEFLECTION

PIPE SIZE	SIDE THRUST (LB)	PIPE SIZE	SIDE THRUST (LB)
4"	N/A	14"	377
6"	N/A	16"	488
8"	N/A	18"	645
10"	N/A	20"	790
12"	278	24"	1154

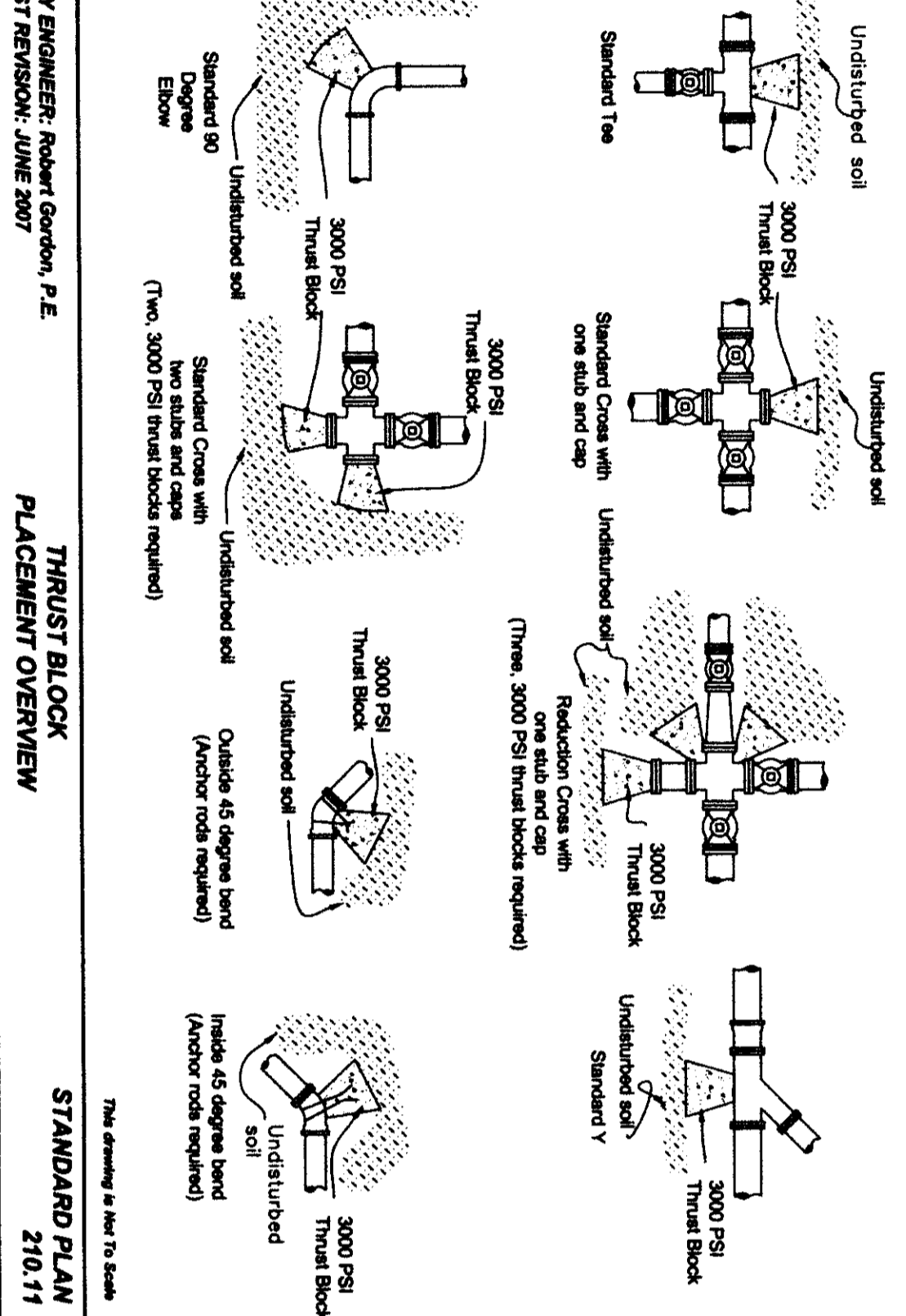
MULTIPLY THRUST BY DEGREE OF DEFLECTION TO OBTAIN TOTAL THRUST

THRUST BLOCK CALCULATION TABLES

STANDARD PLAN 210.10

CITY ENGINEER: Robert Gordon, P.E.
 LAST REVISION: JUNE 2007

CITY OF COLLEGE PLACE - STANDARD SPECIFICATIONS

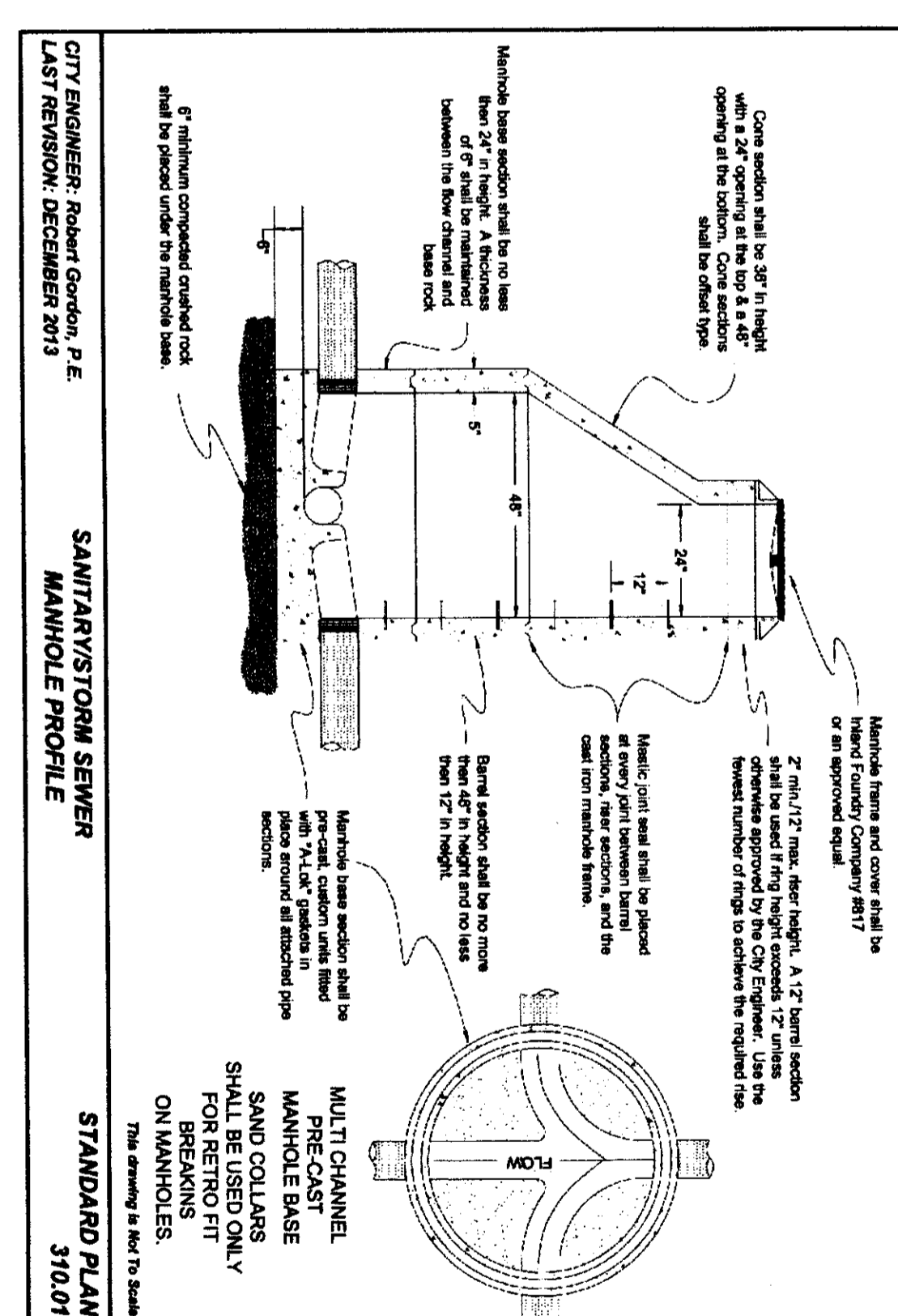


CITY ENGINEER: Robert Gordon, P.E.
 LAST REVISION: JUNE 2007

THRUST BLOCK PLACEMENT OVERVIEW

STANDARD PLAN 210.11

CITY OF COLLEGE PLACE - STANDARD SPECIFICATIONS

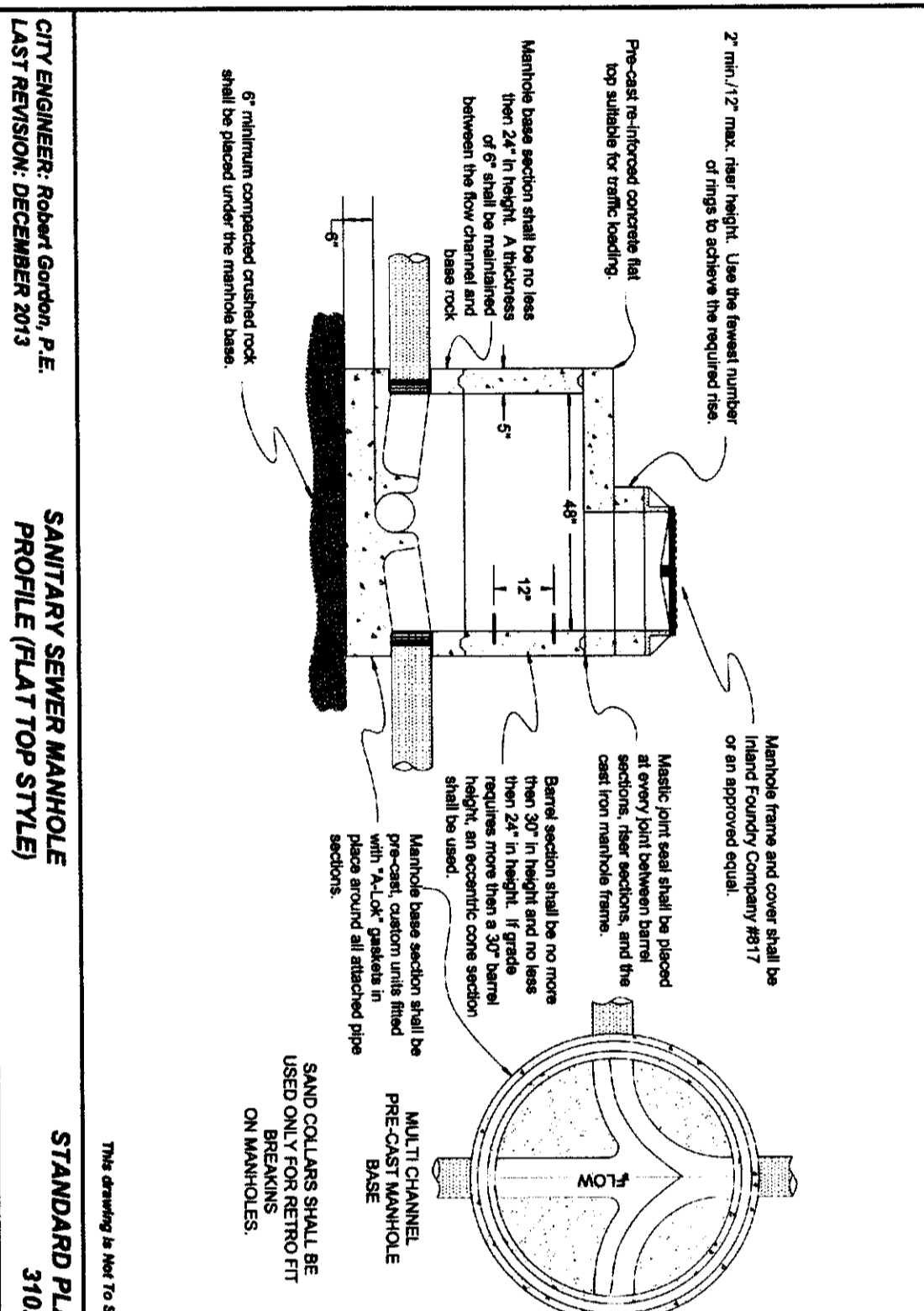


CITY ENGINEER: Robert Gordon, P.E.
 LAST REVISION: DECEMBER 2013

SANITARY/STORM SEWER MANHOLE PROFILE

STANDARD PLAN 310.01

CITY OF COLLEGE PLACE - STANDARD SPECIFICATIONS

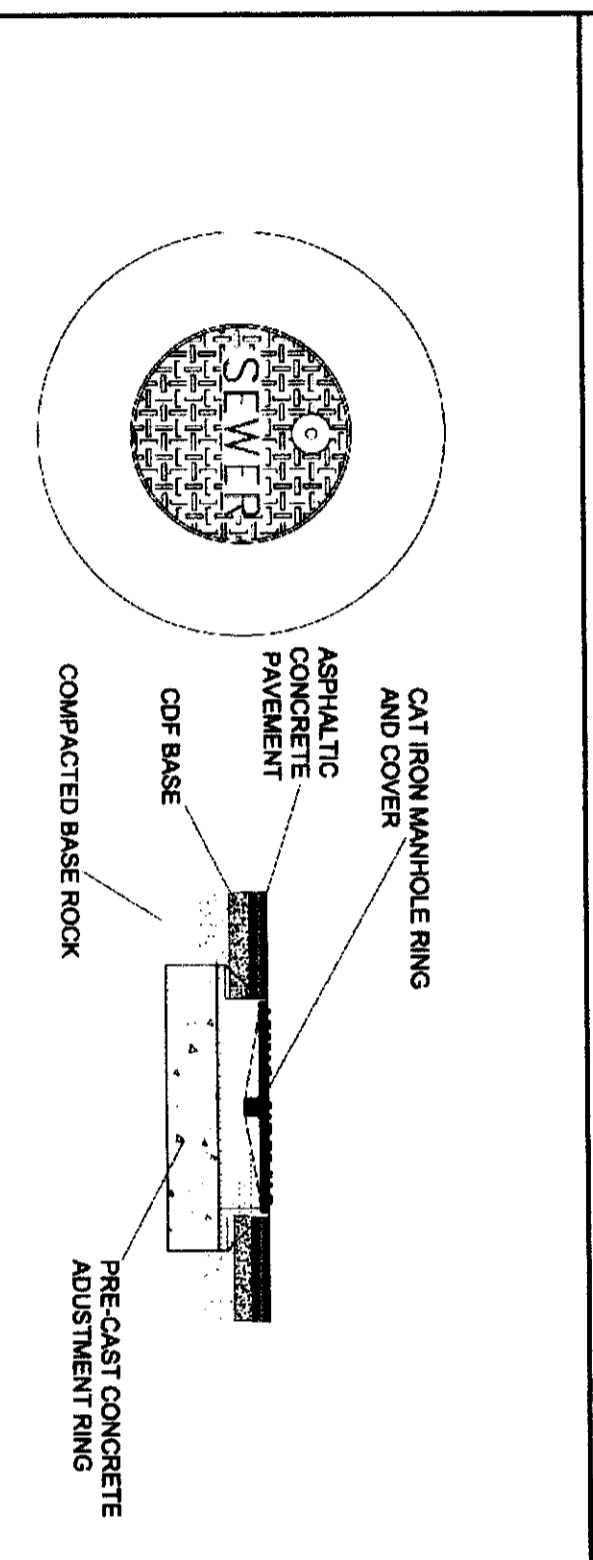


CITY ENGINEER: Robert Gordon, P.E.
 LAST REVISION: DECEMBER 2013

SANITARY SEWER MANHOLE PROFILE (FLAT TOP STYLE)

STANDARD PLAN 310.02

CITY OF COLLEGE PLACE - STANDARD SPECIFICATIONS



CITY ENGINEER: Robert Gordon, P.E.
 LAST REVISION: FEBRUARY 2014

MANHOLE COLLAR PLACEMENT DETAIL

STANDARD PLAN 310.06

CITY OF COLLEGE PLACE STANDARD DETAILS FOR:

GARRISON VILLAGE IX
 A SUBDIVISION LOCATED IN THE CITY OF COLLEGE PLACE, WASHINGTON

HDJ DESIGN GROUP
 engineers | landscape architects | planners | surveyors
 Internet: www.hdjdg.com

6115 Burden Blvd, Suite E
 Pasco, WA 99301-8930
 509/547-5119
 306/695-3488
 509/547-5129 fax

CITY OF COLLEGE PLACE

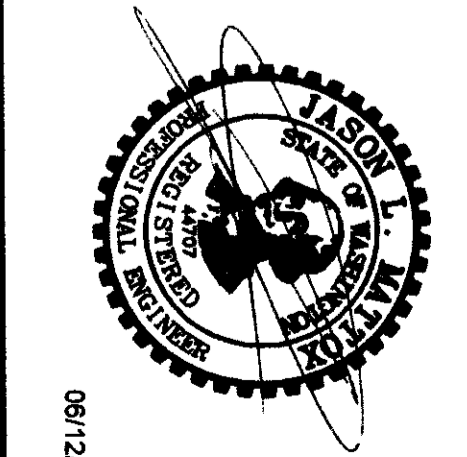
Utility Locate
 Call 811
 2 Business Days
 Before Digging

Approved by City of College Place

Date: 6/22/15

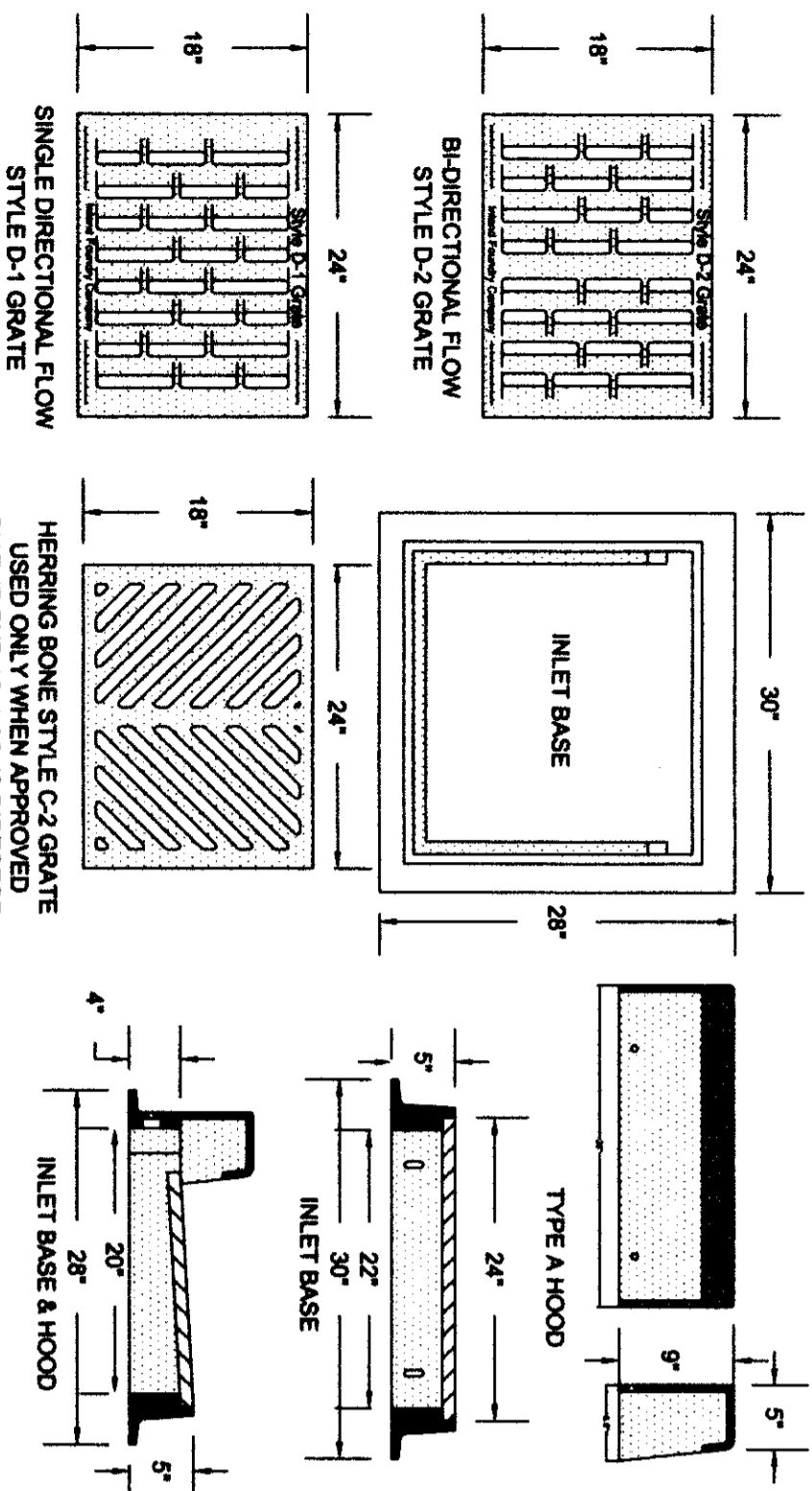
CITY OF COLLEGE PLACE STANDARD DETAILS FOR:

DESIGNED: JLM
 DRAWN BY: CAM
 CHECKED: JLM
 SCALE: H: N/A, V: N/A
 DATE: JUNE 2015
 SHEET: 3845



12
 15

CITY OF COLLEGE PLACE - STANDARD SPECIFICATIONS



INLAND FOUNDRY COMPANY THROUGH CURB INLET
MODEL 571

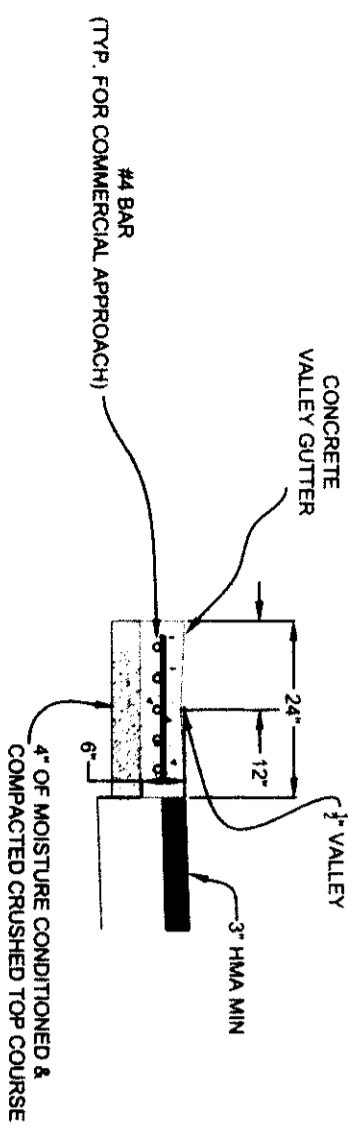
This drawing is Not To Scale

CITY ENGINEER: Robert Gordon, P.E.
LAST REVISION: JUNE 2007

CURB INLET FRAME, GRATE &
HOOD DETAIL

STANDARD PLAN
311.01

CITY OF COLLEGE PLACE - STANDARD SPECIFICATIONS



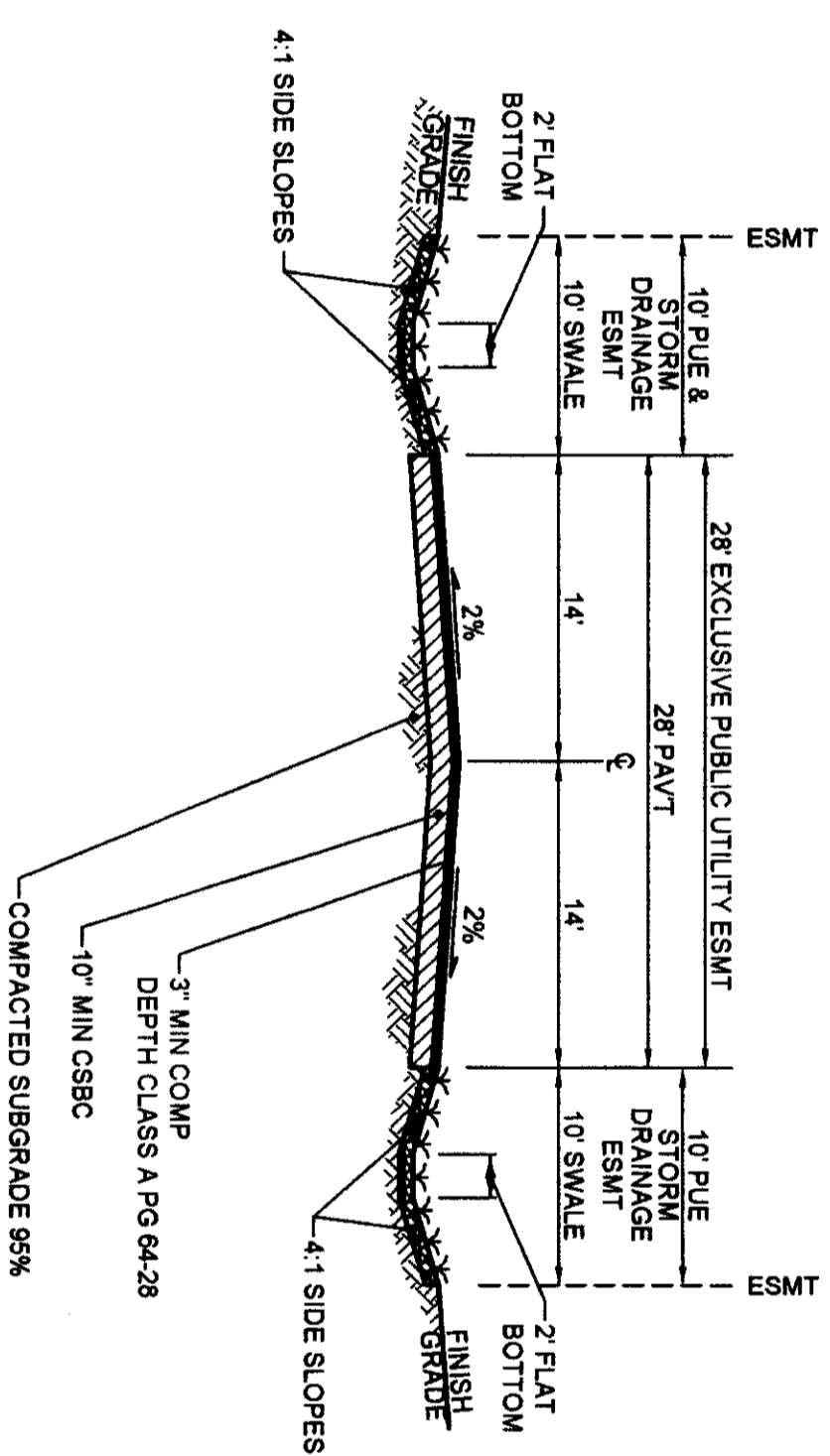
- NOTES
1. VALLEY GUTTERS SUBJECTED TO COMMERCIAL OR HEAVY VEHICLE LOADS SHALL HAVE REINFORCEMENT MATERIAL PLACED WITHIN THE CURB/GUTTER AND SIDEWALK IN THE FORM OF REINFORCING BARS.
 2. CURB/GUTTER: 3/4" BARS PLACED PARALLEL TO THE STREET WITH #4 CROSS TIES @ 24" O.C.
 3. SIDEWALK: #4 BARS @ 12" O.C. EACH WAY.
 4. ALL REPLACEMENT WORK SHALL BE SAW CUT SMOOTH AND EVEN AT THE CURB, SIDEWALK, AND GUTTER EDGES.
 5. ASPHALT SHALL BE SAW CUT BACK 12" AND HAVE A SMOOTH EDGE BEFORE BEING PATCHED. SEE DETAIL STANDARD 110.09 & 110.10.
 6. VALLEY GUTTERS SHALL NOT BE PLACED WITHIN MARKED OR UNMARKED CROSSWALK ZONES.
 7. NO MONOLITHIC JOINTS ARE ALLOWED. SIDEWALKS, CURB & GUTTER AND DRIVEWAYS SHALL BE POURED SEPARATELY WITH EXPANSION JOINTS PER STANDARD SPECIFICATIONS.
 8. CRUSHED SURFACING TOP COURSE MUST BE MOISTURE CONDITIONED BEFORE PLACEMENT AND COMPACTED TO A NON-YIELDING CONDITION.
 9. VALLEY GUTTERS SHALL NOT BE PLACED WITHIN MARKED OR UNMARKED CROSSWALK ZONES.

This drawing is Not To Scale

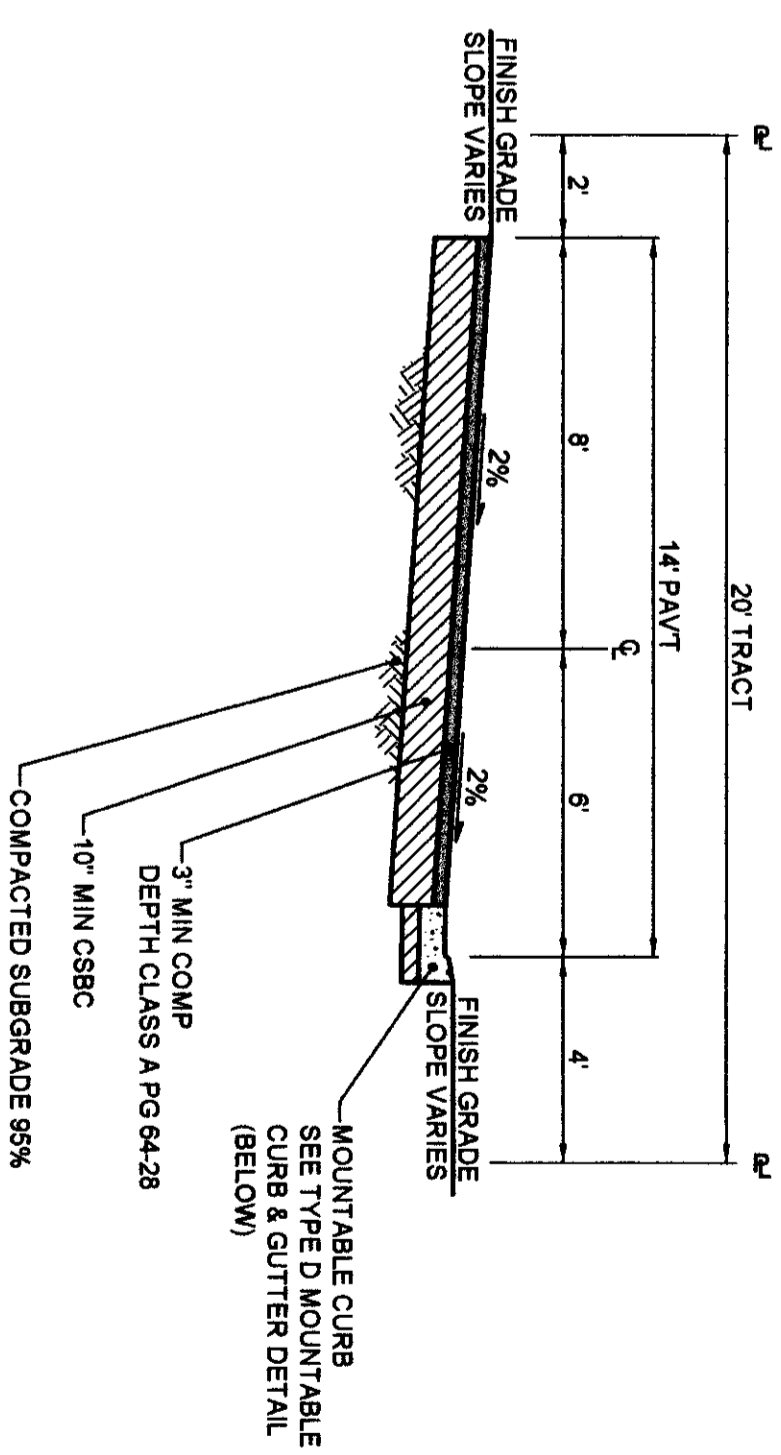
CITY ENGINEER: Robert Gordon, P.E.
LAST REVISION: DECEMBER 2006

VALLEY GUTTER

STANDARD PLAN
110.42

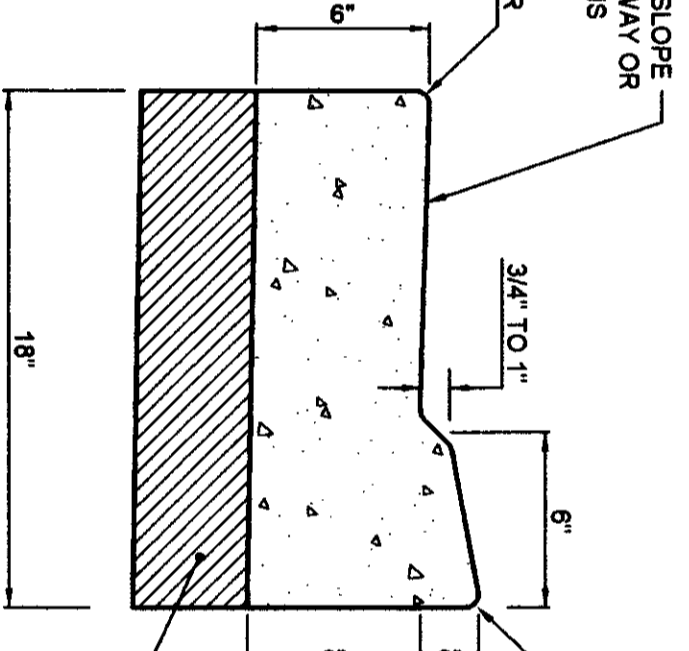


**Whimbrel Loop
Typical Section**
NTS

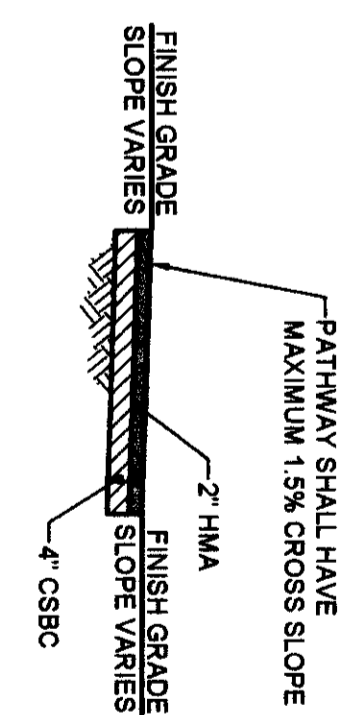


**Alley
Typical Section**
NTS

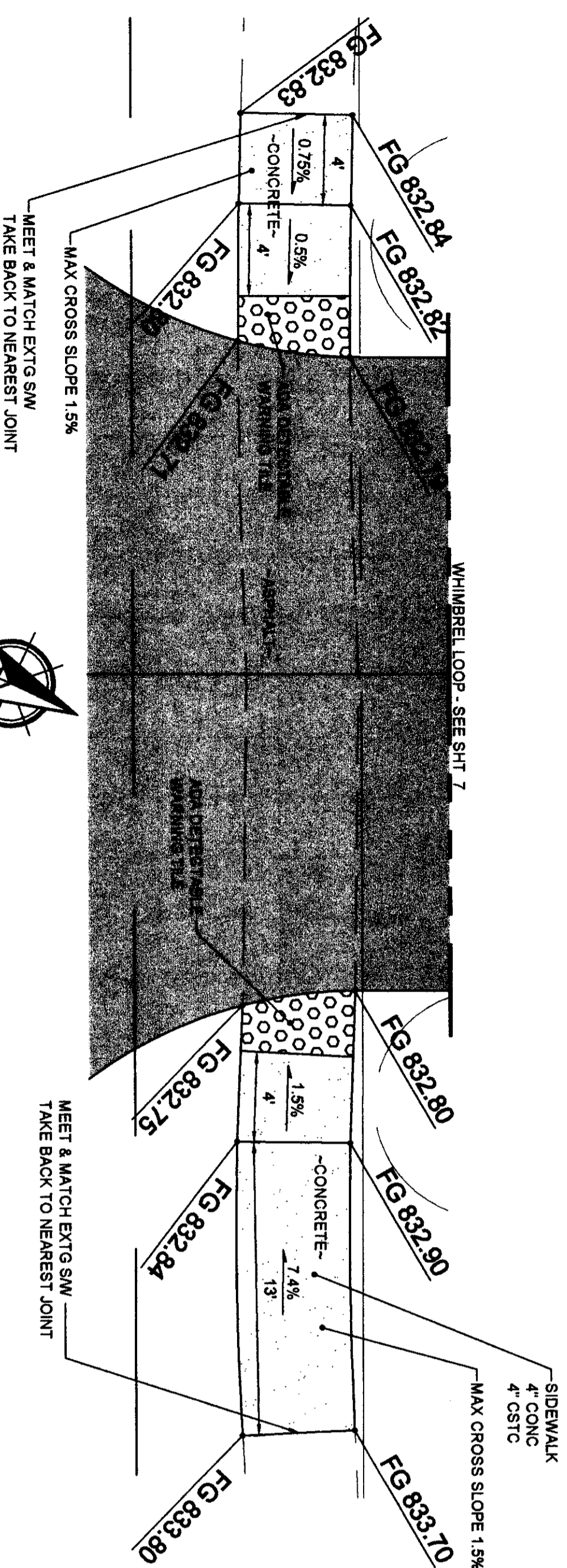
MATCH TO FINISHED SLOPE OF ADJACENT ROADWAY OR 2% MIN. WHICHEVER IS GREATER



**Type D Mountable
Curb & Gutter
(Alley Section Only)**
NTS



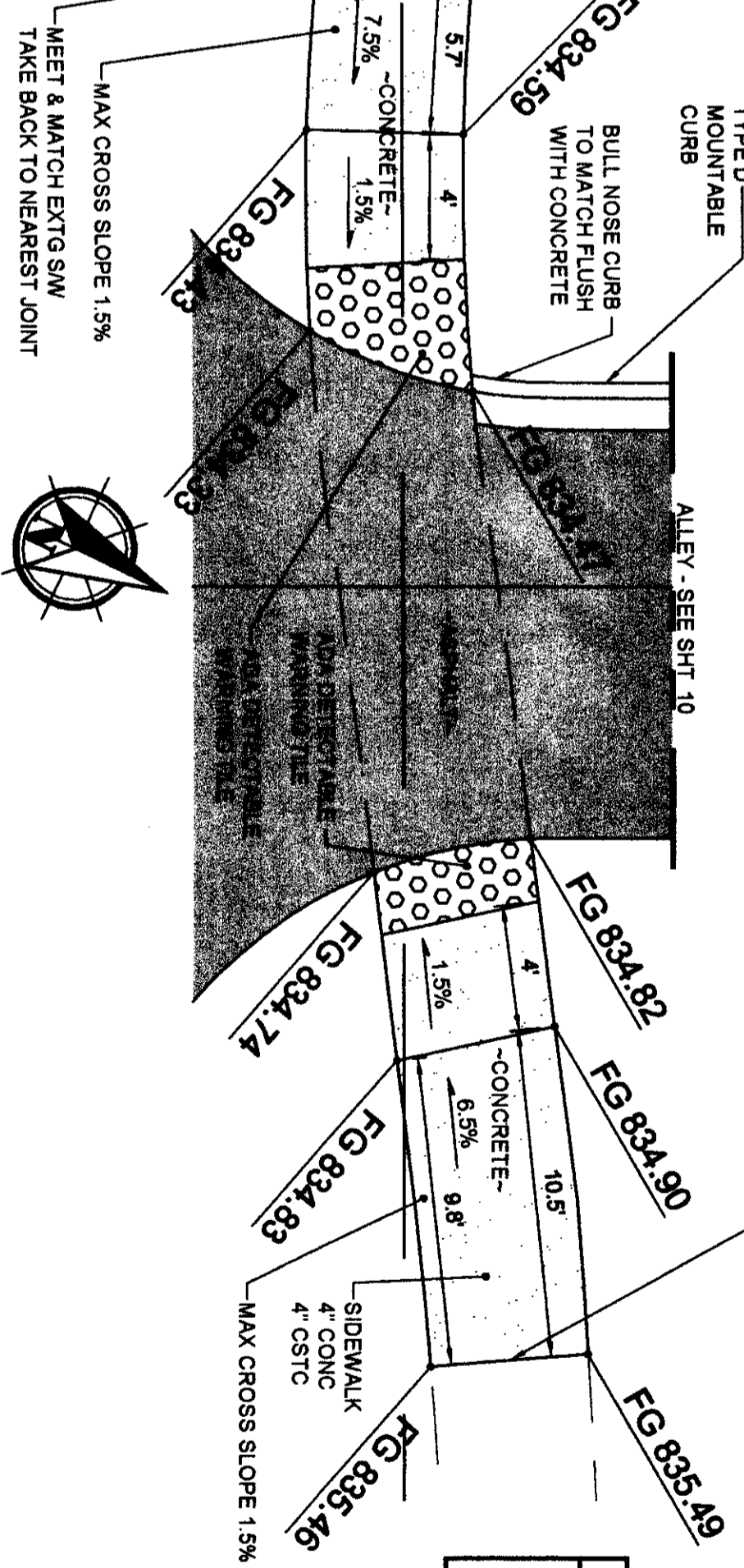
**HMA Pathway
Typical Section**
NTS



Scale 1" = 5'



ADA Ramps - Whimbrel Loop
NTS



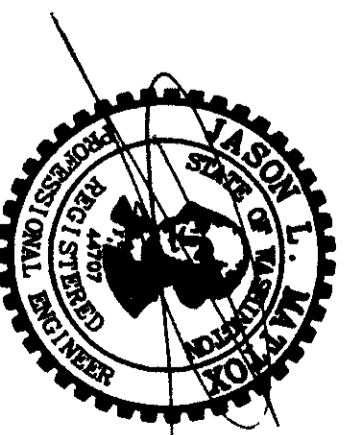
Scale 1" = 5'



ADA Ramps - Alley Entrance
NTS

CITY OF COLLEGE PLACE
Approved by City of College Place
Date: 6/22/15

Utility Locate
Call 811
2 Business Days Before Digging



06/17/15

MISCELLANEOUS DETAILS FOR:

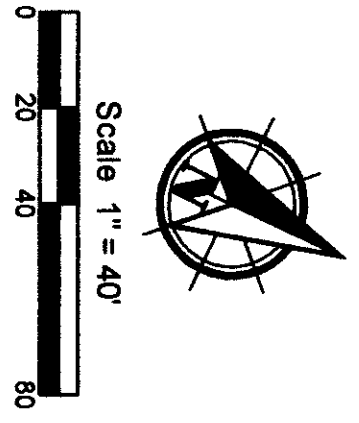
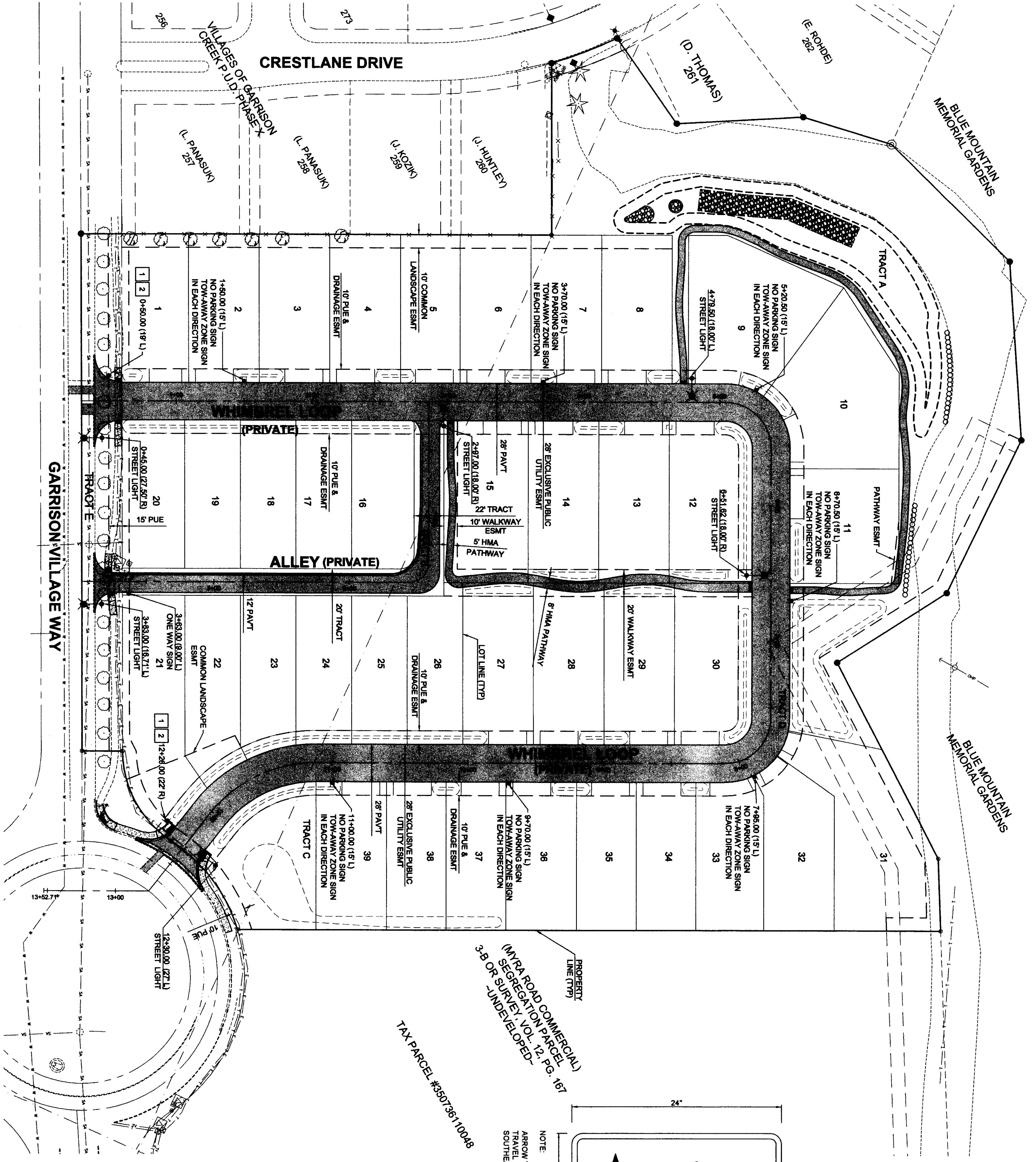
GARRISON VILLAGE IX
A SUBDIVISION LOCATED IN THE CITY OF COLLEGE PLACE, WASHINGTON



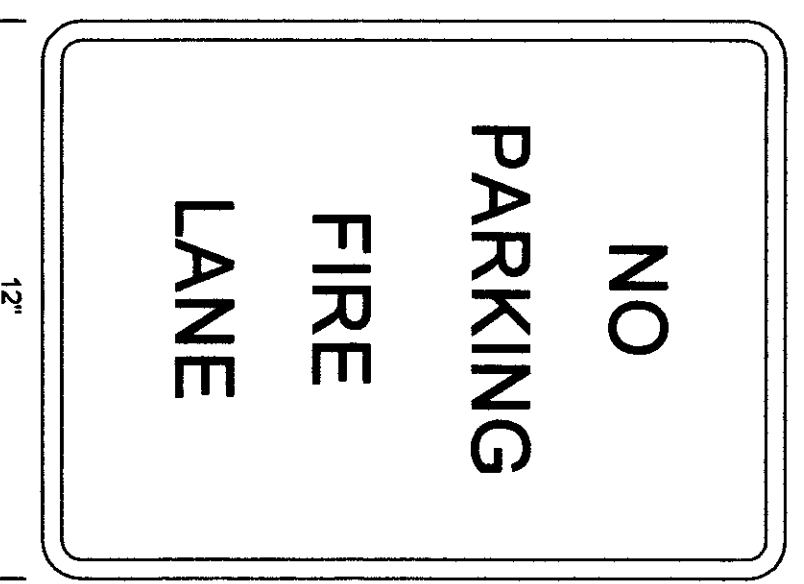
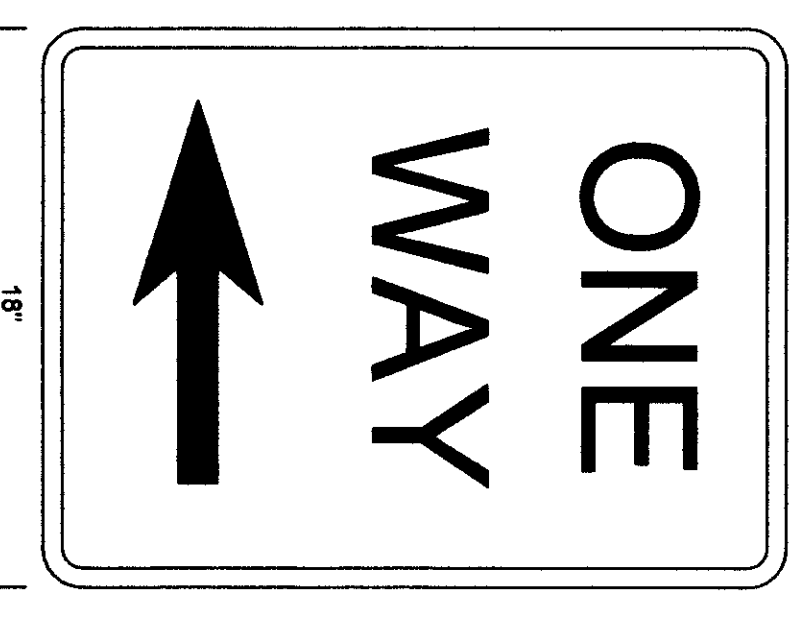
6115 Burden Blvd, Suite E
Pasco, WA 99301-8930
509/547-5119
306/695-3488
509/547-5129 fax
Internet: www.hdjdg.com

CHECKED: JLM
DESIGNED: JLM
DRAWN BY: CAD
SCALE: H: N/A
V: N/A
DATE: JUNE 2015
3945

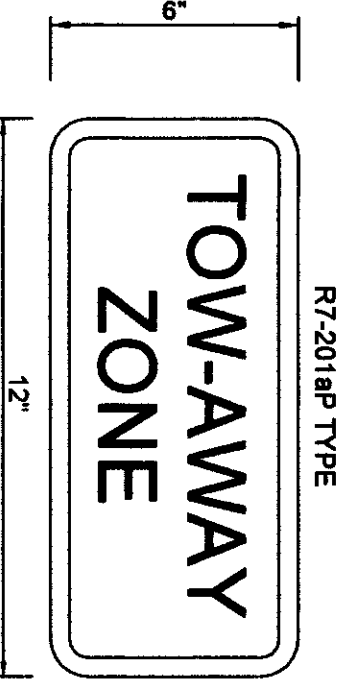
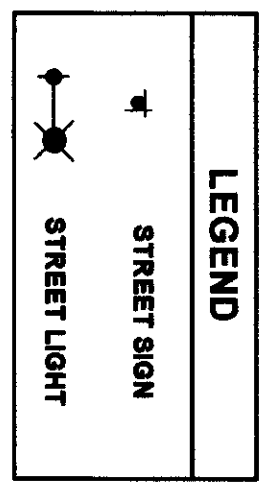
13 SHEET
15



#	MUTCD SIGN CODE	MESSAGE	REMARKS
1	R1-1	STOP	30' STOP
2	D3-1	WHIMBREL LOOP (PRIVATE) GARRISON VILLAGE WAY	TWO SIDED SIGNS



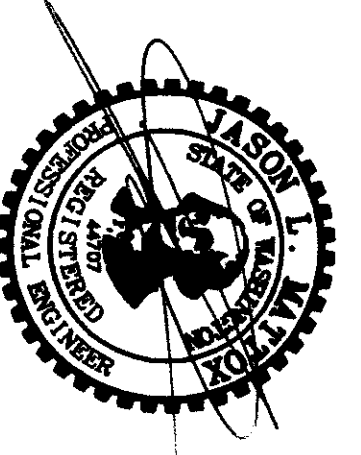
NOTE:
ARROW TO BE IN DIRECTION OF TRAVEL
TRAVEL IN ALLEY SHALL BE FROM
SOUTHEAST TO NORTHWEST.

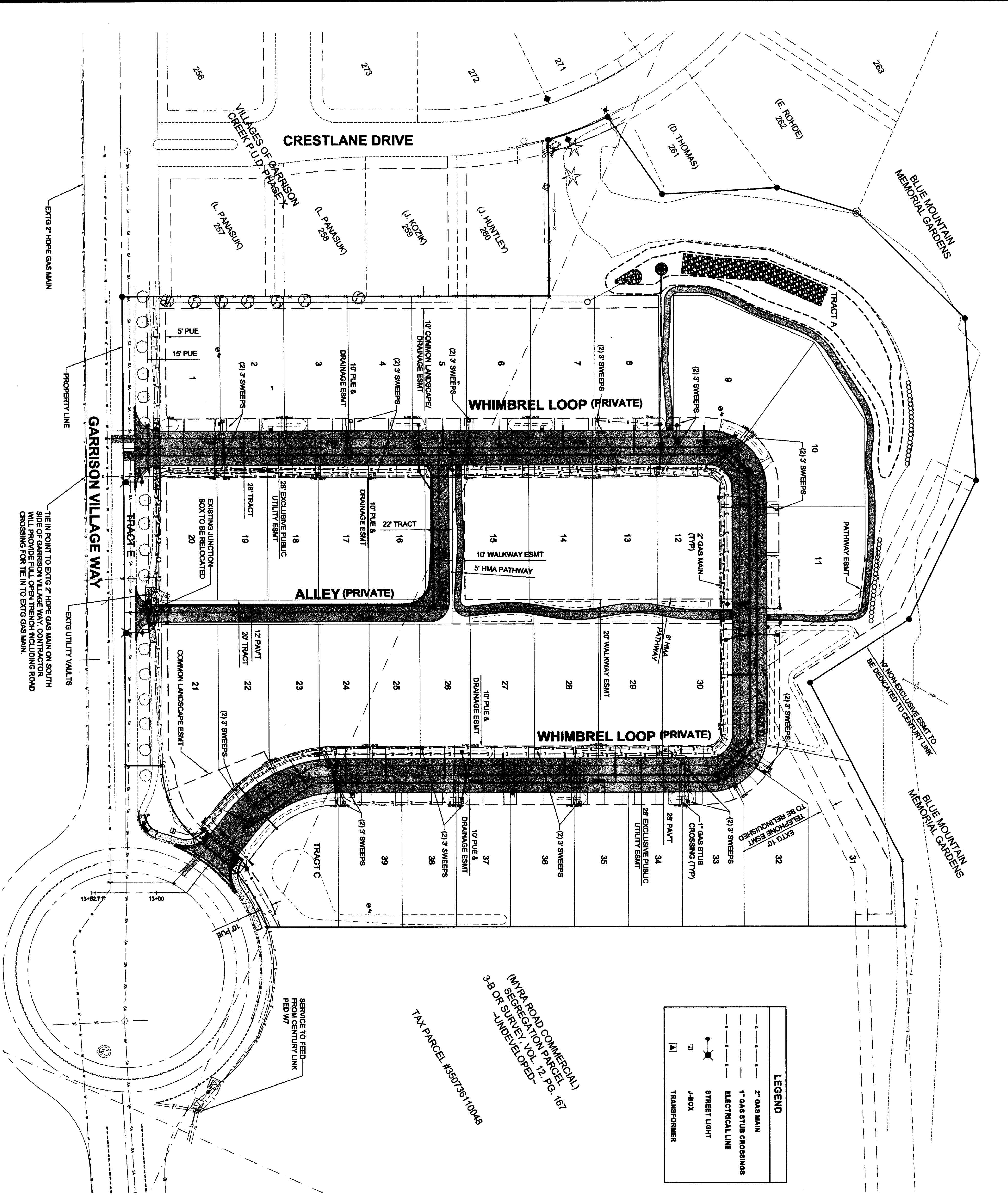


NOTE:
EXCEPT FOR CROSSINGS & STREET LIGHTS, ALL
FRANCHISE UTILITY FACILITIES ARE TO BE SITUATED IN
THE P.U.E.

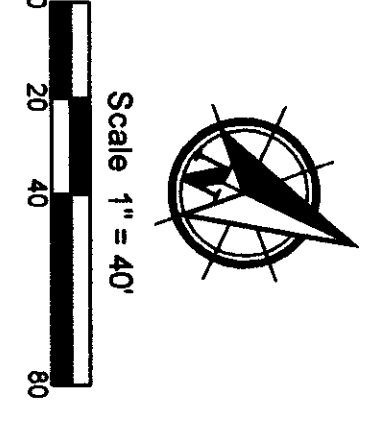
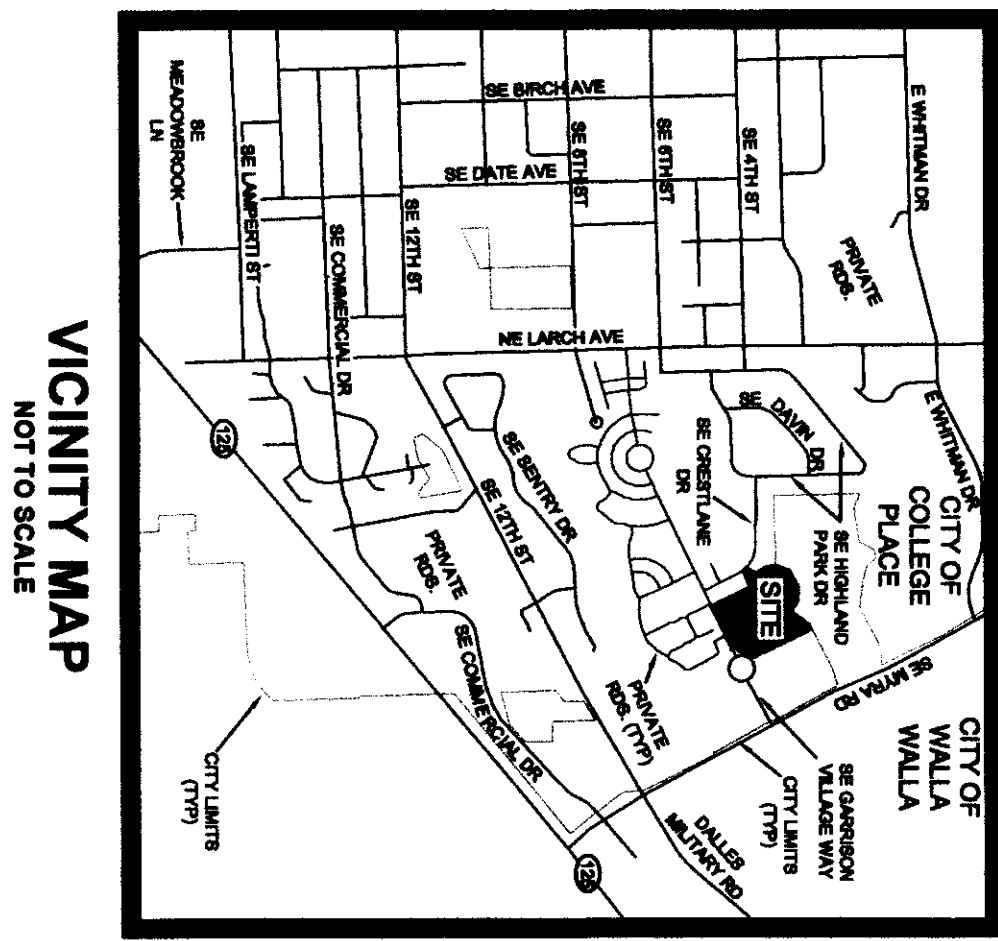
CITY OF COLLEGE PLACE
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LEGEND	
	2" GAS MAIN
	1" GAS STUB CROSSINGS
	ELECTRICAL LINE
	STREET LIGHT
	J-BOX
	TRANSFORMER



(MYRA ROAD COMMERCIAL)
SEGREGATION PARCEL
3-B OR SURVEY VOL. 12, PG. 167
TAX PARCEL #50736110048

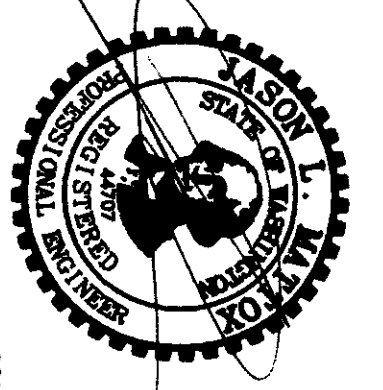
SERVICE TO FEED
FROM CENTURY LINK
PED W/

Utilities	
Washington	6-21-15
Pacific Power	6-17-15
Columbia REA	6-17-15
Casasol's Natural Gas	6-17-15
CenturyLink	6/17/15
Openair Communications	6/17/15
PowerNet	6/17/15
NOA/Net	6/17/15

- NOTE:
- ELECTRICAL UTILITY PLANS FOR INFORMATIONAL PURPOSES ONLY. REFER TO COLUMBIA REA PLAN FOR VAULT, TRANSFORMER, J-BOX, AND CONDUIT SIZING.
 - EXCEPT FOR CROSSINGS & STREET LIGHTS, ALL FRANCHISE UTILITY PLANS ARE TO BE SITUATED IN THE P.U.E. OUTSIDE OF THE RIGHT OF WAY.
 - CENTURY LINK TO FOLLOW POWER LAYOUT WITH 2" CONDUIT WITH TWO (2) 3" SWEEPS AT EVERY J-BOX.
 - CENTURY LINK SWEEPS NEED TO BE AT LEAST 3' FROM POWER VAULT, NOT IN FRONT OR BEHIND.

CITY OF COLLEGE PLACE
 Drawn by: JLM
 Checked by: JLM
 Date: 6/17/15

Utility Locate
 Call 811
 2 Business Days
 Before Digging



SITE UTILITY PLAN FOR: GARRISON VILLAGE IX

A SUBDIVISION LOCATED IN THE CITY OF COLLEGE PLACE, WASHINGTON



6115 Burden Blvd, Suite E
 Pasco, WA 99301-8930
 509/547-5119
 306/895-3488
 509/547-5129 fax
 Internet: www.hdjdesigngroup.com

DESIGNED: JLM
 DRAWN BY: JLM
 CHECKED: JLM
 SCALE: H: 1" = 40'
 V: N/A
 JUNE 2016
 3845

15 SHEET
 15

06/12/15